

# Appendices

## **Appendix A Peer-reviewed publications**

# **Use of portable air purifiers in homes: operating behaviour, effect on indoor PM<sub>2.5</sub> and perceived indoor air quality**

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## **Abstract**

In much of the world, people spend on average 65% of their time indoors at home. It is, therefore, important to understand the quality of air in homes, and how best to improve it. Negative health impacts associated with exposure to particulate matter are well documented, and account for significant morbidity and mortality worldwide. Technologies are rapidly being developed and adopted to mitigate indoor air pollution, and portable home air purifiers (HAPs) are one of the most effective technologies available to clean the surrounding air of harmful pollutants of both indoor and outdoor origin. The aims of the research presented here were to explore the impact of a commercially available air purifier used in actual bedrooms on indoor PM<sub>2.5</sub> concentrations and perceived indoor air quality, as well as to understand and describe

how portable air purifiers are used by occupants. Results from the present study showed that PM<sub>2.5</sub> concentrations in bedrooms were reduced by a mean of 45% over 90 minutes with HAP use. Participants' subjective assessment of the indoor air when the HAP was on was positive. However, the predominant motivation and indicator of HAP use was thermal comfort, and not perceived air quality. If used properly, portable air purifiers used at home could be effective at reducing exposure to PM<sub>2.5</sub> indoors.

## **1. Introduction**

Home, for most people, represents a place of comfort, safety and wellbeing, and, on average, people spend more than 65% of their time there (Klepeis, 2001). It is important, therefore, to understand the quality of the air in homes, and how best to respond if it is poor. In many locations, air pollution concentrations, including particulate matter, can exceed standards imposed by the European Union and health-based guidelines developed by the World Health Organization for both chronic and acute exposure (Logue et al., 2012), and previous studies have recognized the contribution of indoor air pollution to total exposure (Samet, 1993; Weisel et al., 2005). Negative health impacts associated with exposure to particulate matter include: cardiovascular diseases (Ostro, 1989), asthma (Schwartz, 1993), bronchitis (Anderson et al., 2012), premature mortality (Crouse et al., 2012; Laden et al., 2006; Pope & Dockery, 2006) and lung cancer (Pope, 2002). Numerous studies exist that consider the health benefits of different methods of particulate filtration (Batterman et al., 2012; Fisk, 2018; Fisk & Chan, 2017b), and technologies are rapidly being adopted to mitigate indoor air pollution. Portable air purifiers are one of the most effective technologies available to clean the surrounding air of harmful pollutants of both indoor and outdoor origin. The most common equipment currently available for in-home use are home air purifiers (HAPs) which utilize HEPA filtration as the primary mechanism of air cleaning. These devices have several advantages over other filtration methods, including they are simple to install, can be located where people spend most of their time, can be relocated, and they do not require a central air handling system. Previous research has reported substantial and significant reductions in PM<sub>2.5</sub> in spaces using these devices (McNamara et al., 2017; Shao et al., 2017). However, much of this research has targeted occupants with specific health conditions (e.g. asthma), or

specific outdoor events (e.g. wildfires) (Brugge et al., 2017; Maestas et al., 2019; Park et al., 2017; Spilak et al., 2014; Vyas et al., 2016; Weichenthal et al., 2013).

In terms of links between measured and perceived indoor air quality, the evidence is limited. Langer et al. (Langer et al., 2017) assessed the perception of air quality in homes in France and found that there was little correlation between occupants' perceived air quality and the measured parameters (including particulate matter). In the study, visitors to the homes did a better job of assessing air quality, but their perceptions were strongly correlated with the smoking habits of the occupants and the season in which they visited. The pollutants with the largest impact on the perception of indoor air quality were volatile organic compounds including, acrolein and acetaldehyde. People's perception of air quality has also been shown to be more strongly influenced by thermal conditions and relative humidity (Fang, 2004). There is little evidence that people readily perceive poor air quality due to PM<sub>2.5</sub>. A study by Rotko et al. (Rotko, 2002) found that, although people expressed annoyance with air pollution, there was little correlation between annoyance and measured PM<sub>2.5</sub> concentrations. Because people may not perceive PM<sub>2.5</sub> and therefore may not act to mitigate unhealthy levels at homes, where ventilation may be inadequate, there is a substantial exposure risk.

Building ventilation systems, infiltration rates, and location of the air purifier in the building or flat are all well considered and described in the literature as factors that affect air purifier performance (Novoselac & Siegel, 2009; Shaughnessy & Sextro, 2006; Whitby, 1983). However, how people use air purifier devices has not been adequately studied. Whilst other occupant behaviours affecting indoor air quality such as window opening behaviour (Yao & Zhao, 2017), and air-conditioning use relative to thermal comfort (Wu et al., 2017), have been well documented, only a couple of studies have looked directly at HAP use and its drivers. One such study by Pei et al. (Pei et al., 2019) found that in 43 residences in China, that were provided with portable air purifiers, 81.4% did not use the device at all, and of those that used it intermittently (18.6%), the average operating time was between 1-4 hours per day. They concluded that these patterns of use would be insufficient to adequately reduce indoor PM<sub>2.5</sub> levels. Very different use patterns were reported, although not monitored, in a study from the California Air Resources Board (Piazza, 2006). They found that 57% of

owners of air purifiers claimed to use them continuously every day. There is little to explain the significant difference between these two studies, other than speculation that the motivation of the frequent air purifier use reported in California was due to perceived health benefits of their use.

The aims of the research presented here were to explore the impact of a commercially available air purifier used in bedrooms on indoor PM<sub>2.5</sub> concentration, and perceived indoor air quality, as well as to understand how portable air purifiers are used by occupants, their motivations, decisions, and actions over time.

## **2. Methods**

### **2.1 Context**

Conventionally, ventilation in UK residences has been through operable openings (i.e. windows and doors) as well as infiltration, and uncontrolled ventilation has been common. Building standards have changed to meet requirements for energy efficiency and carbon reduction which has lowered infiltration rates, making intentional ventilation paramount to keeping indoor air quality good (Shrubsole, 2014). Although there are several ways to achieve the required air exchange rates (in the UK for dwellings the rates range from 13 l/s for 1 bedroom to 29 l/s for 5 bedrooms), including continuous mechanical extract, or supply and extract with heat recovery, background ventilators remain a common approach. Background ventilators (e.g. trickle-ventilators), as with uncontrolled ventilation, do not provide any filtration capacity, leaving the indoor air quality heavily dependent upon the quality of the outdoor air. Additionally, for events of high indoor pollutant generation (e.g. cooking), ventilation rates may be inadequate.

The work presented here was generated from a larger study that included the monitoring of indoor air quality, personal exposure monitoring, and the assessment of occupant behaviour in relation to portable air purifiers across multiple cities. The study utilised a convenience sample of 20 households which, after dropouts, resulted in a sample of 18 flats in London. Participant volunteers were asked to complete an intake and exit interview, as well as several shorter surveys throughout the study period. Flats

were monitored for six months, from July until the end of December, to monitor conditions across three seasons. This timeframe allowed for observations into occupant behaviour related to window operations, air purifiers, and heating systems.

The 18 residences were located within three buildings at two sites (Site A and B) in east London. The buildings were constructed within the last decade, and relied upon natural ventilation and trickle-ventilators in the non-heating months. Flats at one site had mechanical ventilation with heat recovery (MVHR) that was available during the heating season. Filtration with the MVHR was minimal (ISO Coarse 45%), and filter changing and maintenance was intermittent, at best. Previous work at Site A included a pressure test which found an air permeability of 2-3 m<sup>3</sup>/(h.m<sup>2</sup>) at 50Pa. Given the age and building characteristics of the other building, the infiltration rate is estimated to also be less than 5 m<sup>3</sup>/(h.m<sup>2</sup>) at 50Pa. Demographic information for all participants can be found in Table 2-1 below. The households were provided with home air purifiers (HAP) for use in the main bedroom. The HAPs used in this study had a pre-filter, an activated carbon filter, and a HEPA filter with a clean air delivery rate (CADR) of 500 m<sup>3</sup>/hour with a 0.3µm particle removal efficiency of 99.97%, for room sizes up to 60 m<sup>2</sup>. Each HAP had a built-in sensor for measuring PM<sub>2.5</sub> and sent information via the cloud to the manufacturer of ON/OFF status, operation mode (e.g. fan speed), and PM<sub>2.5</sub> levels. To avoid sleep disturbance due to noise from the sensors, separate PM<sub>2.5</sub> sensors were installed in all dwellings in a room adjacent to where the HAP was situated, typically the living room. Outdoor PM<sub>2.5</sub> levels were monitored at the ground level of each site. Surveys were conducted at the households to gather information about occupancy, physical characteristics of the dwelling (e.g. area, carpeted, etc.), and occupancy patterns and behaviours. Survey structure and content were adapted from those developed for the housing section of the SINPHONIE project (Csobod, 2014), as well as a section of the Building Users' Survey Methodology (BUS) (Arup).

Table 2-1 Demographics of participating households.

| <b>Demographic</b>              | <b>Value</b> | <b>Frequency</b> | <b>%</b> |
|---------------------------------|--------------|------------------|----------|
| Gender (of primary participant) | Male         | 10               | 55.6     |
|                                 | Female       | 8                | 44.4     |

|                               |          |    |       |
|-------------------------------|----------|----|-------|
| Age                           | Under 30 | 3  | 16.7  |
|                               | Over 30  | 15 | 83.3  |
| Years at residence            | <1 year  | 0  | 0.0   |
|                               | >1 year  | 18 | 100.0 |
| Household size                | 1        | 4  | 22.2  |
|                               | 2 to 4   | 8  | 44.4  |
|                               | >4       | 6  | 33.3  |
| No. of <18 years in household | 0        | 10 | 55.6  |
|                               | 1 to 2   | 3  | 16.7  |
|                               | >2       | 5  | 27.8  |
| Smoking status                | Yes      | 6  | 33.3  |
|                               | No       | 12 | 66.7  |
| Cooking (per week)            | 1        | 0  | 0.0   |
|                               | 2 to 5   | 6  | 33.3  |
|                               | >5       | 12 | 66.7  |
| Cleaning (per week)           | 1        | 4  | 22.2  |
|                               | 2 to 5   | 9  | 50.0  |
|                               | >5       | 5  | 27.8  |
| Air freshener use (per week)  | never    | 2  | 11.1  |
|                               | 1        | 6  | 33.3  |
|                               | 2 to 5   | 1  | 5.6   |
|                               | >5       | 9  | 50.0  |
| Candle use (per week)         | never    | 4  | 22.2  |
|                               | 1        | 11 | 61.1  |
|                               | 2 to 5   | 1  | 5.6   |
|                               | >5       | 2  | 11.1  |

Indoor and outdoor air quality sensors in London were Eltek TU1082 – AQ110/112. A summary of parameters for these transmitters can be found in Table 2-2 below.

## 2.2 Air quality measurement

Eleven flats from Site A and seven flats from Site B were monitored from early July 2019 until the end of December 2019. Overall, 18 living rooms, 17 bedrooms, and 60 opening areas (18 balcony doors and 42 windows) were monitored by sensors which worked in a clustered sensor network. After testing the onsite transmission signal strength, all 18 flats were allocated to 11 Eltek Squirrel SRV250 data loggers. This



architecture enabled real-time data collection from each flat to be sent and stored to an online server every 5 mins using available 3G networks. Due to the availability of a constantly updated database, a core part of data quality assurance work was automated to check for power-off, signal loss, or other issues. Problems were quickly identified, and the appropriate action was taken to minimise data loss to the greatest extent. The Eltek indoor air quality transmitters, AQ110/112, were placed at a height of 1.5 - 1.7m above the finished floor in the living room of each flat to avoid disruptions in occupants' use of their homes. Eltek GD47B sensors were located at the same height in the bedroom where the HAP was used to measure air temperature, relative humidity and CO<sub>2</sub>. An AQ110/112 sensor was deployed outside of each building to measure the real-time outdoor environmental pollutant level. The buildings were all located in relatively dense urban mixed-use areas adjacent to high traffic roads.

Table 2-2 A summary of monitored parameters and resolution of the Eltek AQ110.

| Parameter                                      | Sensor  | Range                            | Resolution             | Accuracy  |
|--|---|----------------------------------|------------------------|---|
| Temperature                                    | Thermistor                                    | -30.0 to 65.0°C                  | 0.1°C                  | ±0.2°C at 20°C<br>±0.4°C for -5 to 40°C<br>±1.0°C for -20 to 65°C |
| Relative Humidity                              | Capacitive                                    | 0.0 to 100.0%                    | 0.10%                  | ±2% RH (0 to 90% RH)<br>±4% RH (0 to 100% RH)                     |
| CO <sub>2</sub>                                | Non-dispersive infra red (E+E Elektronik)     | 0-5000ppm                        | 1ppm                   | <±50ppm, +3%  |
| Particulate Matter PM <sub>1</sub> (≤1µm)      | Optical Particle Counter (Alphasense OPC-N2)  | 0.00 to 500.00 µg/m <sup>3</sup> | 0.01 µg/m <sup>3</sup> |   |
| Particulate Matter PM <sub>2.5</sub> (≤2.5 µm) | Optical Particle Counter (Alphasense OPC-N2)  | 0.00 to 500.00 µg/m <sup>3</sup> | 0.01 µg/m <sup>3</sup> |   |
| Particulate Matter PM <sub>10</sub> (≤10.0 µm) | Optical Particle Counter (Alphasense OPC-N2)  | 0.00 to 500.00 µg/m <sup>3</sup> | 0.01 µg/m <sup>3</sup> |   |
| Airflow  | -   | 0.00 to 500 ml/s                 | 0.01 ml/s              |   |
| NO <sub>2</sub>                                | Electrochemical (Alphasense NO2-A43F)         | 0.00 to 3.00 ppm                 | 0.1 ppb                |   |
| CO   | Electrochemical (Alphasense CO-A4)            | 0.00 to 300.00 ppm               | 0.01ppm                |   |
| TVOC   | Photoionization detector (Alphasense PID-AH2) | 0.00 to 50.00 ppm                | 10ppb                  |   |

### 2.3 Window operations

Window state (open/closed) was monitored in each flat to assess the impact on air purifier performance. The window sensor Eltek GS34, used magnetic reed switches to monitor the status of openings including balcony doors and windows in both living rooms and bedrooms.

### 2.4 Crossover study design

The cross-over structure of the study was applied to answer research questions regarding the performance of the home air purifier with respect to PM<sub>2.5</sub> indoors, and in relation to the outdoor concentration of this pollutant. The home air purifier (HAP ON) was compared with respect to using no purification device (HAP OFF) as well as

using the HAP always ON at a low fan speed (HAP SLEEP). Pollutant levels were measured every 5 minutes, and the use of the purification device was evaluated through interviews pre-installation (baseline) and at the collection of the HAPs. The World Health Organisation (WHO) Air Quality Guidelines (2008), which are health-evidence based and more stringent than the imposed EU standards, were used as a reference for both outdoor and indoor air in this study. This recommendation is for a short-term exposure limit of  $25\mu\text{g m}^{-3}$  24-hour mean, and long-term limit of  $10\mu\text{g m}^{-3}$  annual mean.

The cohort of London participants was divided into four (4) roughly equal tracks, three with alternating configurations of HAP use outlined above, and one with the HAP to use as they wished for the duration of the study. Each phase of the crossover period lasted a minimum of three weeks. For one week of each phase, participants were sent short surveys each day that asked them about the quality of their sleep and wellbeing during the previous day.

### 2.4.1 Crossover Tracks

Crossover tracks with the number of participants, the dates of the crossovers, and the state of the air purifier use are listed in Table 2-3.

Table 2-3 Crossover tracks, each period lasted a minimum of three weeks.

| No. of apartments | First period<br>(13/08/19-03/09/19) | Second period<br>(03/09/19-24/09/19) | Third period<br>(24/09/19-15/10/19) |
|-------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| 4                 | HAP ON                              | HAP ON                               | HAP ON                              |
| 4                 | HAP ON                              | HAP OFF                              | HAP SLEEP                           |
| 5                 | HAP SLEEP                           | HAP ON                               | HAP OFF                             |
| 5                 | HAP OFF                             | HAP SLEEP                            | HAP ON                              |

### 2.4.2 HAP Settings

*HAP ON*

The air purifier was switched on and participants could change the settings (e.g. turn-off, change fan speed, etc). The air purifier was installed in their home and they could use it according to their own preferences. They could do the following in these 3 weeks:

- Turn the air purifier on
- Turn the air purifier off
- Select the airflow setting: Settings are “sleep” setting SL (lowest airflow), fan speed 1 (low), fan speed 2 (medium), fan speed 3 (high), turbo setting (maximum airflow), or automatic airflow.

#### *HAP OFF*

The air purifier was switched off.

#### *HAP SLEEP*

The air purifier was switched on to “sleep” mode for all three weeks. This is the lowest ventilator speed. The status of the HAP (i.e. ON, OFF, Fan Speed) was monitored via a cloud connection with the manufacturer. Compliance with crossover protocol was evaluated based on the actual operation of the HAP via data from the device itself. During data analysis participants were classified, and data were analysed, based upon the actual air purifier use.

## **2.5 Semi-structured interviews**

At the first site visit, semi-structured interviews were conducted to establish a baseline of the occupants’ overall satisfaction with the dwelling, their general health and wellbeing, and sleep quality. A section of the Building Users’ Survey Methodology (BUS) (Arup) was used to determine the occupants’ opinions on various aspects of the indoor environment of their home (Cohen et al., 2001). Mental and physical health were self-reported using the Short Form health survey (SF-12) (Jenkinson et al., 1997). Participants were asked about their sleep quality using the Pittsburgh Sleep Quality Index (PSQI) (Buysse et al., 1989). These components are pooled to create a global score for the prior 1-month interval. Participants were also introduced to the use of the air purifier, and the other monitoring equipment was installed. Upon completion of the 9-week crossover study, another semi-structured interview was performed in an effort to determine any effects on participants’ sleep and wellbeing, as well as to understand

how the air purifiers were utilised by occupants. After the cross-over study period, all 18 households agreed to continue with monitoring to the end of the calendar year. This extension allowed the capturing of data during the heating season.

## **3 Results**

### **3.1 Indoor air quality**

This work focussed on the indoor air quality in homes that use air purifiers. Homes monitored during the study period had good air quality when measured against WHO limits. Indeed, there were few times or days during the study period where outdoor air exceeded the limits. Evaluating against short term limits: no single midnight to midnight day exceeded 24-hour WHO limits, a running 24-hour mean of PM<sub>2.5</sub> exceeded WHO 24-hour limits on 2 occasions in indoor levels, accounting for less than 0.1% of total monitored hours. In outdoor levels, the WHO limit was exceeded on two occasions at each site, but this was still less than 1% of the total hours. It is worth noting however, no safe exposure limits have been established for PM<sub>2.5</sub>, and as almost two-thirds of our time is spent at home, even small reductions in concentrations are expected to be impactful. Pope et al. (Pope, 2002) reported that each 10µg/m<sup>3</sup> elevation of PM corresponded to a 4-8% increased risk of mortality.

The typical daily patterns of PM<sub>2.5</sub> in living rooms and outdoor concentrations illustrate the daily dynamics between indoor and outdoor sources, as well as when the internal generation of pollutants may occur (Figure 3-1). This figure shows average hourly values across a day, aggregated for all days and all apartments for the two London developments. Particulate matter levels outside at both sites peak around 8 am, most likely associated with peak morning road traffic, before dropping in the afternoon, with a slight rise during evening rush hour. Indoor levels at site B shows a morning peak correlating with outdoor levels, and a large evening peak attributable to cooking activities. Site A concentrations are relatively flat throughout the day with a small evening increase.

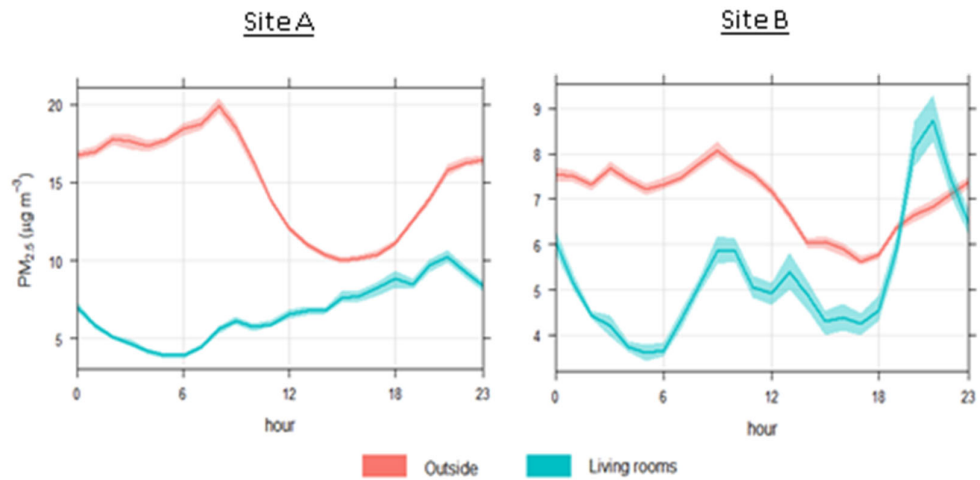


Figure 3-1 Aggregated (typical daily patterns) of outdoor and indoor PM<sub>2.5</sub> in London - site A left, site B right

The air quality in the living rooms of London homes using air purifiers in the bedroom exhibited a reduction in mean concentration with a small drop in peaks. Although modest, this reduction was statistically significant ( $p < 0.001$ ) based upon the non-parametric Kruskal-Wallis test. A non-parametric test was used due to the skewed distribution of pollutants. Figure 3-2 below illustrates the differences in PM<sub>2.5</sub> concentrations in living rooms with the air purifiers ON or OFF. The median concentration in living rooms with the air purifier OFF in the bedroom was 3.5  $\mu\text{g}/\text{m}^3$ . The median concentration in living rooms with the air purifier ON in the bedroom was 3.1  $\mu\text{g}/\text{m}^3$ .

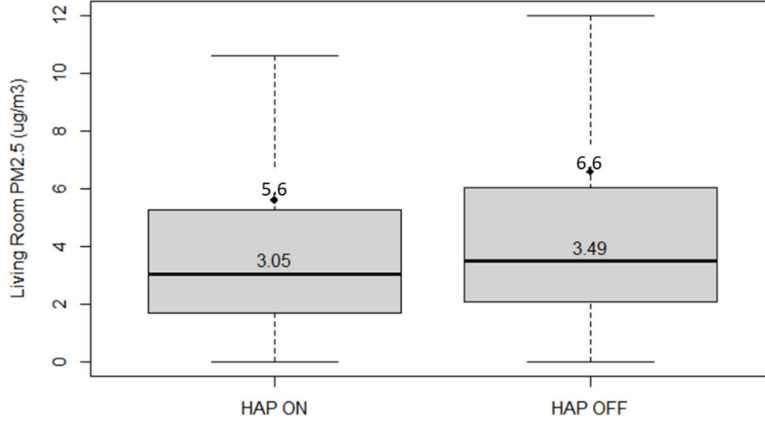


Figure 3-2 PM<sub>2.5</sub> concentration in living rooms of participants with air purifiers ON (any fan speed or SLEEP mode) or OFF with medians indicated by dark horizontal lines, means as points.

When measurements from all participant bedrooms are combined, a clear decay curve can be seen from the onset of HAP use to 100 minutes run time (Figure 3-3). When running with the windows closed, a median percentage reduction of 20% can be observed from initial concentrations after 30min. Reduction in PM<sub>2.5</sub> concentration was observed in cases of bedroom windows opened as well as closed. Window operations were important to understand due to potential drivers for HAP operation, air exchange rates, as well as the indoor concentrations relative to outdoor sources of PM<sub>2.5</sub>. Figure 3-3 represents the aggregated performance of the HAP, it is important to note that not all run cycles resulted in the same reduction pattern, particularly in the presence of continued internal sources, re-suspension etc. From all run cycles, 56% of cases experienced a reduction on initial concentrations after 30 min. Similarly, a reduction of 50% on initial concentrations was observed after 60min of HAP operation in 45% of run cycles.

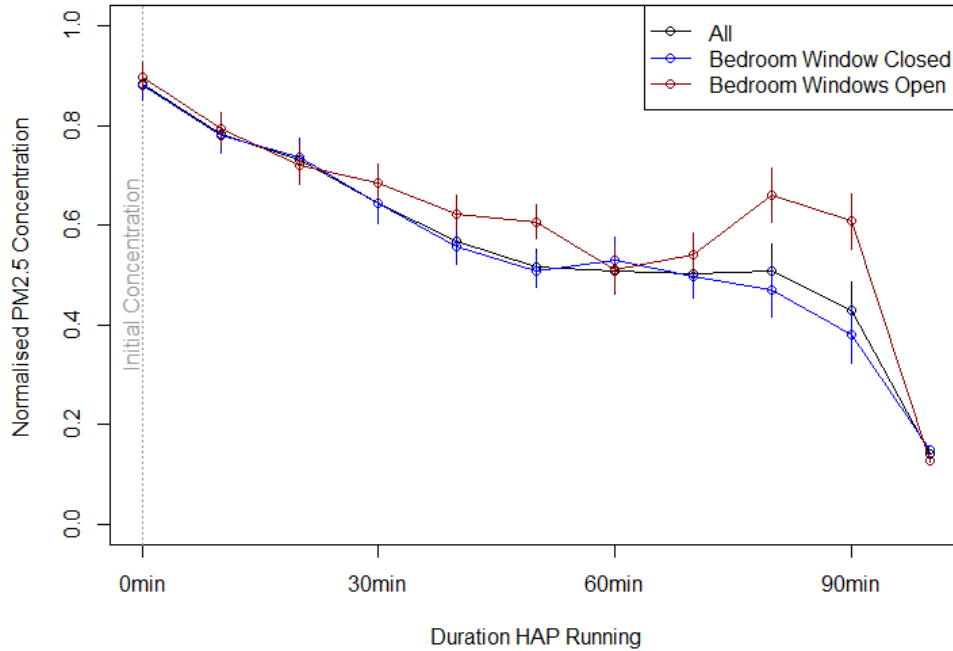


Figure 3-3 Change in the mean concentration of PM<sub>2.5</sub> in London bedrooms using home air purifiers. HAP switched ON at time 0, with minutes of run time shown. Vertical bars represent the standard deviation of the mean across all flat flats.

Normalised concentrations were used in the bedrooms because the sensors internal to the devices could not be fully calibrated. However, calibrated sensors collocated with the HAPs were in strong agreement with the levels measured by the air purifiers ( $R^2 = 0.9$ , RMSE =  $4.5 \mu\text{g}/\text{m}^3$ , MBE =  $-0.16 \mu\text{g}/\text{m}^3$ ). The normalised PM<sub>2.5</sub> concentration in the bedrooms of all flats is shown in the figure below (Figure 3-4). Technical specifications that include CADR (Clean Air Delivery Rate) by fan speed were not available for the HAPs used. Hourly patterns, however, indicate that the concentration of particulate matter is correlated with fan speed. That is, the higher the fan speeds the lower the concentration of PM<sub>2.5</sub>.



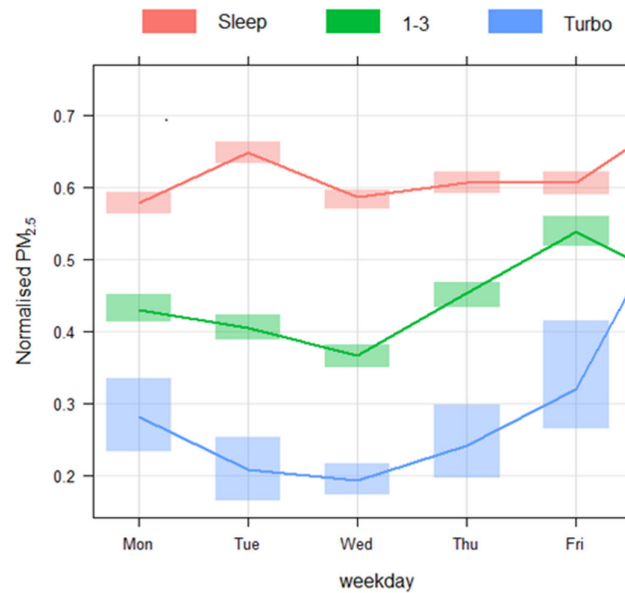


Figure 3-4 Changes in the concentration of  $PM_{2.5}$  (normalised by the mean) in the bedrooms during typical work week under different HAP operational modes. Sleep = air purifier was on at the lowest fan speed. 1-3 = air purifier was being used, at any fan speed other than the highest, and turbo = the highest

### 3.2 Perceived indoor air quality

Sections of the Building Users' Survey (Arup) was used to assess the satisfaction of occupants on a number of indoor environmental factors. Of the 22 factors that were scored, only 3 were considered fully satisfactory: control overheating, control over lighting, and the stability of the temperature in winter. 11 factors were marginal including: overall condition of indoor air in summer and winter, control over ventilation, the odour of air in the summer, and comfort overall. Notably, 8 factors were unsatisfactory including: the humidity, stuffiness and stillness of the air in summer, the control overcooling, and the overall temperature in summer and winter. A full list of parameters is shown in Table 3-1 below.

Table 3-1 A summary of parameters and scores (upper and lower limits) from the Building Users' Survey (BUS).

| Parameter (short name) | Parameter (long name)            | Study mean score | Scale midpoint (limits) | Benchmark score (limits) | Study mean percentile | Scale midpoint percentile | % Dissatisfied |
|------------------------|----------------------------------|------------------|-------------------------|--------------------------|-----------------------|---------------------------|----------------|
| Airdry                 | Air in summer: dry/humid         | 4.4              | 4 (3.8-4.2)             | 3.5 (3.3-3.7)            | 92                    | 72                        | 58             |
| Airfresh               | Air in summer: fresh/stuffy      | 4.9              | 4 (3.7-4.3)             | 3.5 (3.2-3.7)            | 92                    | 67                        | 63             |
| Airsodourl             | Air in summer: Odourless/ smelly | 3.4              | 4 (3.8-4.2)             | 2.6 (2.9-2.4)            | 76                    | 94                        | 37             |
| Airsover               | Air in summer: Overall           | 3.9              | 4 (3.8-4.2)             | 5.4 (5.1-5.6)            | 4                     | 6                         | 52             |
| Airsstil               | Air in summer: Still/draughty    | 2.4              | 4 (3.7-4.3)             | 2.8 (2.5-3.1)            | 27                    | 94                        | 79             |
| Airwover               | Air in winter: Overall           | 5.6              | 4 (3.8-4.2)             | 5.5 (5.3-5.7)            | 52                    | 2                         | 0              |
| Airwdry                | Air in winter: Dry/humid         | 3.3              | 4 (3.8-4.2)             | 3.3 (3.1-3.5)            | 52                    | 77                        | 42             |
| Airwfresh              | Air in winter: Fresh/stuffy      | 3.8              | 4 (3.7-4.3)             | 3.3 (3.1-3.6)            | 74                    | 75                        | 27             |
| Airwodourl             | Air in winter: Odourless/ smelly | 2.5              | 4 (3.7-4.3)             | 2.8 (2.5-3.0)            | 40                    | 91                        | 5              |
| Airwstil               | Air in winter: Still/draughty    | 2.9              | 4 (3.7-4.3)             | 3.1 (2.7-3.4)            | 50                    | 77                        | 80             |
| Comfover               | Comfort: Overall                 | 4.9              | 4 (3.8-4.2)             | 5.9 (5.7-6.0)            | 12                    | 2                         | 21             |
| Cntco                  | Control: Over cooling            | 3.2              | 4 (3.7-4.3)             | 4.4 (4.0-4.7)            | 17                    | 42                        | 68             |
| Cntht                  | Control: Over heating            | 6.5              | 4 (3.6-4.4)             | 5.2 (4.9-5.6)            | 81                    | 17                        | 0              |
| Cntlt                  | Control: Over lighting           | 6.2              | 4 (3.7-4.3)             | 5.7 (5.4-6.0)            | 66                    | 6                         | 5              |
| Cntnse                 | Control: Over noise              | 3.2              | 4 (3.7-4.3)             | 3.9 (3.6-4.2)            | 29                    | 56                        | 48             |
| Cntvt                  | Control: Over ventilation        | 4.5              | 4 (3.7-4.3)             | 5.1 (4.8-5.4)            | 34                    | 17                        | 37             |
| Tshot                  | Temp in summer: Hot/cold         | 2.4              | 4 (3.8-4.2)             | 3.3 (3.2-3.5)            | 11                    | 79                        | 69             |
| Tsover                 | Temp in summer: overall          | 3.1              | 4 (3.7-4.3)             | 4.9 (4.6-5.1)            | 2                     | 19                        | 68             |
| Tsstable               | Temp in summer: Stable/variable  | 3.8              | 4 (3.8-4.2)             | 4.2 (3.9-4.4)            | 32                    | 42                        | 38             |
| Twhot                  | Temp in winter: Hot/cold         | 4.6              | 4 (3.9-4.1)             | 4.3 (4.1-4.4)            | 82                    | 16                        | 32             |
| Twover                 | Temp in winter: Overall          | 5.7              | 4 (3.8-4.2)             | 5.5 (5.3-5.8)            | 53                    | 4                         | 5              |
| Twstable               | Temp in winter: Stable/variable  | 3.4              | 4 (3.7-4.3)             | 3.8 (3.6-4.1)            | 24                    | 46                        | 37             |

Generally, occupants rated the indoor air quality poorer in the summer with a very high rate of dissatisfaction with the temperature, stuffiness and stillness of the air, as well as the control over cooling. Mean carbon dioxide levels measured in the flats were very often high, especially during the heating season in bedrooms (Figure 3-5). However the highest rates of dissatisfaction with the air did not correspond with the highest levels of CO<sub>2</sub>, but rather with higher temperatures in the summer, indicating it is not air quality that is driving occupants' satisfaction.



Figure 3-5 Mean CO<sub>2</sub> concentrations in living rooms and bedrooms throughout the year

### 3.3 HAP operation behaviour

The pattern of use over time shows a pattern that could be due to the normal seasonal drop in temperature (Figure 3-6). However, it could have also been attributable to study “fatigue” or from a loss of interest in the device. There is a peak in use as the start of the study, perhaps related to a “new gadget” being introduced into the home, and then use slowly declines (with peaks that may correspond to directives of the crossover periods or periods of warm weather) into the cooler autumn and winter months. From interviews, people generally expressed more satisfaction with the overall air quality and comfort in the cooler months which could contribute to a decline in the perceived utility of an air purifier. Additionally, many residents reported that they believed the HAP cooled the room in which it was operating, and this may have

been undesirable as temperatures dropped. During the crossover period of the study, when participants were instructed to use the HAP in any manner of their choosing, they used the HAP a mean of 19.2 hours per day, however most of that time (14.2 hours) the devices were set to the lowest fan setting (SLEEP) which may have been considered as a ‘standby’ mode and as previously demonstrated, has a lower impact on particulate concentrations (Figure 3-4). Use dropped to a mean of 3.7 hours on a fan setting higher than the lowest setting during the crossover period. Additionally, people interacted with the devices less often after the crossover period was complete, modifying the settings a mean of 5.1 times a day during the crossover, but only 3.0 times after.

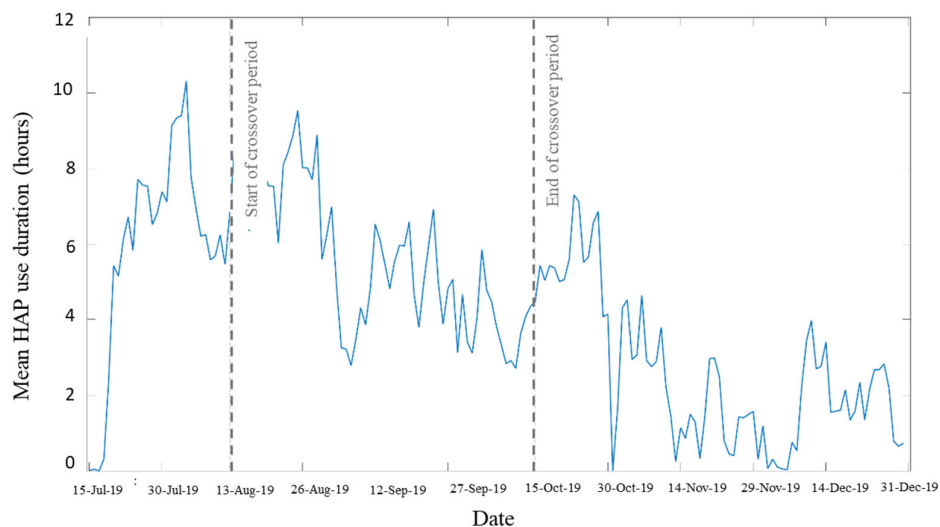


Figure 3-6 Change in HAP utilisation (hours per day) over the course of the study period excluding SLEEP mode. The crossover portion of the study is bracketed by the vertical dashed lines.

Given that residents expressed dissatisfaction with the temperature in their homes in summer and commented in interviews that they appreciated the “cooling” effect of the HAPs, the pattern of use displayed is not unexpected. There is a clear correlation between increasing temperatures and increasing HAP use as shown in the logistic regression model below (Figure 3-7). In this model, outdoor temperature was used as an explanatory variable to simulate whether the HAP was ON or not. The coefficients for this model are represented by the following expression, and are significant to the level of 0.05:

$$\text{Logit (probability of HAP ON)} = -2.83 + 0.082 * \text{Outdoor Temperature}$$

In the figure, the blue circles are binary observations of HAP status (ON or OFF), and the green circles are the predicted probability of the HAP status based on outdoor temperature. It is clear that the trend of HAP operating was noticeably greater with increasing outdoor temperatures. The model provides good statistical evidence for the anecdotal finding that participants' HAP use is driven by the perceived cooling effects of the devices.

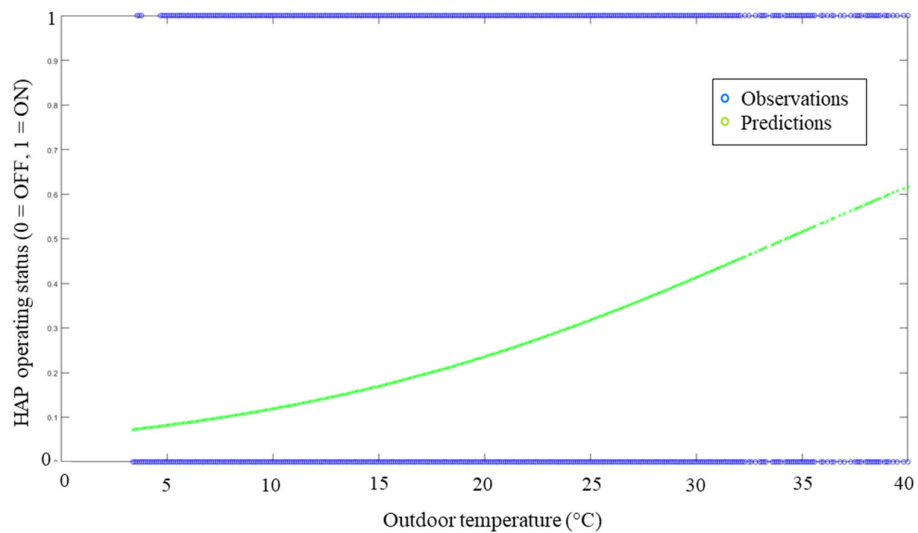


Figure 3-7 Probability of air purifier use in relation to mean outdoor temperature ( $p < 0.001$ )

Another possible motivation for HAP use could have been occupant health and wellbeing. Healthy adults were recruited, but having specific health conditions did not exclude people from participating. Fifteen of the participants reported having allergies and/or itchy and watery eyes, 4 people reported having asthma, 3 reported frequent respiratory infections, and 1 participant had COPD. Only three participants reported no symptoms of allergies, asthma, frequent respiratory infections, or COPD. However, no correlation was observed between participants that reported having some type of condition that may be associated with air quality and HAP use, and temperature remains the one factor with a clear relationship to use.

## 4. Discussion

The reduction in PM<sub>2.5</sub> seen in the work presented here, a mean of 45% after 90 minutes, is in line with those found in other studies. Spilak et al. (Spilak et al., 2014) reported a reduction in PM<sub>2.5</sub> of 54.5% (median value) in locations using HEPA filtration in a crossover study in Denmark. An intervention study by Park et al. (Park et al., 2017) showed a reduction in PM<sub>2.5</sub> of 43% when HEPA filtration was used. A modelling study by Fisk and Chan (Fisk & Chan, 2017a) simulated the indoor air for a number of scenarios including using portable air purifiers in homes without forced air systems, which closely resembles the typical conditions in London flats. They found in the modelled results that homes with continuously operating portable air purifiers had a reduction of 45% in PM<sub>2.5</sub> concentrations. In the work presented here, aggregated, normalised concentrations in the bedrooms, from the internal HAP sensors, show improvement of air quality when using the device. The median percentage reduction after 30 min was 20%, median percentage reduction after 60 min was 34%, and after 90 min a median reduction of 45% was seen. In 30% of cases, after the HAP had run for 30 minutes, concentrations had reduced from their initial concentration by at least 50%, and in 45% of cases after 60 min a reduction of at least 50% is seen. It is also worth noting that the actual running time of the air purifier is often longer than 100 minutes, especially in warmer weather (see Figure 3-6) which could lead to larger reductions for longer periods of time. However, there were also many occasions, either due to thermal conditions or perceived air quality, in which residents did not use their HAPs at all.

In this work, residents were generally dissatisfied with several aspects of their indoor environment. Perhaps most notably, 79% of respondents thought that the air was too still and 63% thought the air was ‘stuffy’ in the summer, conditions that could be correlated with inadequate ventilation, and therefore with higher levels of indoor air pollutants. Notably, levels of CO<sub>2</sub> in bedroom in the summer were relatively low and windows were operated frequently, suggesting that occupants’ perception of ‘stiffness’ may have been a consequence of higher temperatures rather than perceived air quality. The perception of stiffness would be supported by frequent high levels of measured CO<sub>2</sub> in the heating season, especially in bedrooms, indicating a low air exchange rate. However, only 27% of occupants reported dissatisfaction with the stiffness of their homes in the winter. Additionally, 69% of the residents reported that it was too hot in the summer, with 68% of them saying that they were uncomfortable

in the summer due to high temperatures. Given that so many occupants are dissatisfied with the thermal conditions in their homes, and that they reported that the HAP provided “cooling” (likely due to increased air movement caused by the device), it is not surprising that the greatest utilization of the HAPs was seen during the warmest weather. The combination of the residents’ perception that the quality of the indoor environment of their homes was more acceptable in the cooler months and that the air purifiers had a “cooling” or “freshening” effect, may have led the residents to use the air purifier less often, or inconsistently, in the heating months, irrespective of the actual air quality, as was demonstrated by the probability of HAP use illustrated in Figure 3-7. This low rate of HAP utilization during the heating season could lead to unacceptable indoor air quality. As people cannot directly perceive PM<sub>2.5</sub>, or may otherwise prioritize thermal comfort, they may not respond appropriately to the actual risk of PM<sub>2.5</sub> exposure.

Even though many of the standards of practice for ventilation are based upon what is *perceived* as acceptable air quality by the vast majority of people, we know little about whether perception correlates with actual air quality. The evidence presented here indicates it does not, rather temperature was demonstrated as the most important determinant of air purifier use. The perception of indoor air quality is influenced by many other factors including: relative humidity, noise, as well as the actual cleanliness of the air. Historically, bio-effluents from occupants were thought to be the primary pollutant of non-industrial spaces despite recognition that they posed little or no health risks (although we are coming to understand that carbon dioxide may impact cognitive performance), and dilution via ventilation (often at very high air exchange rates) was seen as the solution. In more recent times, the focus on reducing greenhouse gas emissions and improving energy efficiency has led to increased airtightness of buildings. The apartment buildings that were monitored in this research reflect this new approach to managing ventilation. Mechanical ventilation with heat recovery (with bypass in the non-heating season) is available for flats located at Site A, but it only includes minimal filtration (ISO coarse 45%), that is not adequate for the removal of PM<sub>2.5</sub>. It is therefore up to the occupants to open or close windows, and the cleanliness of the outdoor air, to achieve satisfactory indoor air conditions. However, if occupants cannot perceive unacceptable PM<sub>2.5</sub> levels, or if other environmental conditions override their perception, they may not make the best decision in terms of

exposure risk reduction. It is evident from the BUS instrument results and the monitored use patterns of the HAPs, that occupants are more responsive to changes in thermal conditions than to indoor air pollution.

There is very little published research on, or references made to, the operational behaviour towards air purifiers and the two studies that were found differed substantially in their findings. The participants in the work presented here reported that, in large measure, they did not use the HAPs for their intended benefit of reduction in particulate matter, but as cooling fans. This pattern of use could be problematic if in the cooler months, as is typical, window operation declines and indoor cooking activities and candle burning increase (i.e. indoor PM<sub>2.5</sub> sources increase). Surprisingly, we found no correlation between reported health conditions and HAP use, despite many of the participants saying in the baseline interviews that they were concerned about the impact of air pollution on their personal health. Pei et al.(Pei et al., 2019) proposed in their work that the substantial difference in the use patterns found in their study and those reported by Piazza et al.(Piazza, 2006) was due to personal health motivations. Our findings do not support that supposition, but a larger scale study with unhealthy subjects and healthy controls would be useful in verifying the observations made here.

Further work is needed to understand if there is any connection between home air purifier use and improvements in health, as there is limited evidence found in the literature. However, a reduction in indoor PM<sub>2.5</sub> concentrations was clearly shown in this study as with others, and even small reductions in PM<sub>2.5</sub> exposure have demonstrated links to health benefits (Boldo et al., 2011). A potential factor of low HAP utilization (outside of the crossover period during which the use was directed) was the cost of electricity for operating the device. Many of the participants were receiving some level of housing support based on financial need, and some of them expressed concern about the cost of electricity, which although relatively small at approximately £2-3 per month (or between 3-5% of their monthly bill), was not negligible for some participants. This factor remains a limitation in our understanding of the motivations that could influence occupant behaviour. Another limitation of this study was the lack of a sham device. Participants were aware when the HAP was off, and may have believed, therefore, that the air quality was poor when it was not. An



additional limitation of the work presented here was that the indoor air quality monitors were in a different room than the air purifiers. The monitors use a small fan that switched on and off periodically that was reported in the pre-trial tests as too disruptive to sleep. PM<sub>2.5</sub> was monitored in the bedrooms, however it was only via the HAPs' built-in sensors, which were uncalibrated and have limited resolution, although they were validated against other reference instruments with good agreement. A passive sampling method might be better suited to monitoring in bedrooms, and could complement other measurements. Additional research should be carried out over a longer study period, with a greater number of participants with a focus on specific disease outcomes. Monitoring exposure to a range of pollutants should also be included as part of future work, to better understand the levels and types of air pollutants people are subjected to, and if or how they are perceived. That being said, the results presented here are important because PM<sub>2.5</sub> is a pollutant of significant concern due to its demonstrated negative impact on health.

Commercially available home air purifiers do a good job of reducing PM<sub>2.5</sub> levels from the indoor air (in the rooms in which they are located), but if occupants fail to use them because of a misunderstanding of their utility or a misperception of risk, solutions that take humans out of the loop may be one approach to ensuring that the devices are working as intended and to their full capacity. However, as users generally prefer to have control over the equipment and may disable automation, providing better education and appropriate warning systems could be an alternative or additional strategy. Integrated sensors, default ON (user must opt-out of HAP use), and integration with ambient air quality data may also be options available to allow the HAPs to function more effectively to reduce PM<sub>2.5</sub>. A study by Huang et al. (Huang et al., 2020) supports the use of integrated sensors, and automatic modes. In the study, when people operated their air purifiers on auto-mode, indoor PM<sub>2.5</sub> levels reduced by 40% compared to 28% for adjustable-mode.

## **5. Conclusions**

The present study showed that PM<sub>2.5</sub> concentrations in bedrooms were reduced with HAP use. The mean reduction in concentration was 45% after 90 minutes of run time. The indoor PM<sub>2.5</sub> concentration tended to follow changes in outdoor PM<sub>2.5</sub>, although

generally at a lower level. There were peaks in PM<sub>2.5</sub> levels both indoors and outdoors in the morning and evening, reflecting rush hour traffic and predicted indoor activities.

Residents were generally dissatisfied with many of the conditions in their homes in summer, and thought temperatures were too hot and they did not have sufficient control over cooling, both of which may be affected by the use of air purifiers due to the fan-driven air. Poor air quality, however, can and does persist throughout the year, therefore other motivations need to be considered if air purifiers are to be used for year-round removal of particulate matter.

The use of portable air purifiers to reduce PM<sub>2.5</sub> could help to mitigate the negative health effects of exposure whilst at home, if occupant behaviour towards the devices could be better managed to reflect indoor air pollution levels rather than thermal conditions.

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# **Why do people use portable air purifiers? Evidence from occupant surveys and air quality monitoring in homes in three European cities**

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## **Abstract**

One of the most widely available technologies to clean the air in homes of particulate matter of less than 2.5  $\mu\text{m}$  in diameter (PM<sub>2.5</sub>), known to have negative health impacts, are portable home air purifiers (HAPs). This paper presents research which 1) explored the effectiveness of HAPs in real-world conditions in 57 homes in three European cities; 2) examined if HAPs affect users' perceptions of the indoor air quality (IAQ) at home; and 3) considered the motivations for occupants' operation of HAPs. Results from this study found that PM<sub>2.5</sub> concentrations in bedrooms were reduced by 45% to 69%; perceptions of IAQ were not correlated with measured high PM<sub>2.5</sub> levels; occupants reported the HAPs to have a 'cooling' effect, which may explain why the predominant driver of HAP use was thermal comfort, rather than IAQ, in all three cities. The latter finding was supported by a statistically significant increase in the probability of HAP use with increasing indoor temperatures. If the operation of HAPs can be managed, or fully automated, to reflect indoor air pollution levels rather than thermal conditions, better pollutant reduction would be feasible and their use to reduce PM<sub>2.5</sub> may help mitigate the negative health effects of exposure whilst at home.

## **Keywords:**

Air purifier, PM<sub>2.5</sub>, occupant behaviour, air quality monitoring, human perception, multi-domain research

## **Introduction**

Particulate matter of less than 2.5  $\mu\text{m}$  in diameter (PM<sub>2.5</sub>) is known to have negative health effects (Pope et al., 2020), and 9 million deaths globally are estimated to be associated with indoor exposure (WHO, 2019). Exposure to PM<sub>2.5</sub> may be especially high at home because 1) it is where people spend most of their time, 2) there are many indoor sources (e.g., cooking, smoking, cleaning) in addition to the contribution from outdoors, and 3) people have not been found to perceive PM<sub>2.5</sub> and therefore may not act to mitigate unhealthy levels. Additionally, home is different from most other indoor settings as it is where people sleep. Sleep being a time of special vulnerability because people cannot take action to remedy poor air quality. It is therefore important to

understand ways to improve the IAQ in homes, and the occupant behaviours that impact IAQ.

The work presented here provides new results and analysis, from more residences in more countries, and expands upon the initial findings regarding occupants' use of HAPs presented for the case of flats in London (Cooper et al., 2021). The current work provides a comparison between three different cities in the effectiveness of HAPs, the perception of air quality, and the HAP operational behaviour of occupants.

### **Objectives and Scope**

Substantial research has been published on the effectiveness of air purifiers in reducing indoor PM<sub>2.5</sub>, in laboratory settings and computer models, as well as short-term monitoring in homes (e.g., Allen, 2011; Barn et al., 2018; Zhan et al., 2018). However, little evidence is available that explains the actual use of the equipment by occupants, or what the motivations are for HAP use. This work aimed to explore the impact of commercially available home air purifiers (HAPs) used in bedrooms on indoor PM<sub>2.5</sub> concentration and perceived indoor air quality. As well as, to better understand how and why portable air purifiers are used by occupants in three European cities (Eindhoven, NL, Helsinki, FL, and London, UK).

First, a short literature review and background is presented for several themes associated with HAP use: indoor air quality and health; home air purifier technologies; perception of air quality; thermal comfort; and, occupant use of HAPs.

This research focusses on PM<sub>2.5</sub> indoors for two main reasons. First, it is widely recognised in the literature as having a negative impact on health outcomes, as is presented in the next section. Secondly, air purifiers such as the type used in this study are designed to filter particles in this size range and have a limited impact on gaseous pollutants. Therefore, other indoor air pollutants, such as nitrogen dioxide (NO<sub>2</sub>) and volatile organic compounds (VOCs), are not included in the scope of this work.

### **Background and literature review**

Building standards have changed to meet requirements for energy efficiency and carbon reduction which has lowered infiltration rates, making intentional ventilation paramount to the dilution of indoor generated pollutants to provide acceptable indoor

air quality (Shrubsole, 2014). According to a 2012 review article by Dimitroulopoulou (2012) ventilation rates in Europe often fall below 0.5 h<sup>-1</sup> (a common regulatory standard) which can lead to an accumulation of indoor generated air pollutants, and consequently increased pollutant exposure risks. Although there are several ways to achieve the required air change rate, including continuous mechanical extract, or supply and extract with heat recovery, residences in many places have relied primarily, or entirely, upon natural ventilation (i.e., windows and doors) and uncontrolled ventilation has been common.

In the UK background ventilators (e.g., trickle-ventilators) remain a common approach but, as with other types of natural ventilation, they do not have filtration capacity, and leave the indoor air quality heavily dependent upon the quality of the outdoor air. In addition to the reliance upon good outdoor air quality, for events of high indoor pollutant generation (e.g., cooking), ventilation through natural ventilation alone may be inadequate. The results of a BRE (Building Research Establishment) study found that 68% of homes had a whole house ventilation rate below the minimum design value of 0.5 h<sup>-1</sup> in the winter, and in summer 30% of homes failed to reach this standard (Dimitroulopoulou et al., 2005). As more than two-thirds of the homes in the work presented here (and all of those located in London and Helsinki) were apartments it is notable that, in the same BRE study (*ibid*), flats performed even more poorly than other types of homes monitored.

In cold climates, like Finland, airtightness of buildings is critical in maintaining thermal comfort efficiently, and as a consequence mechanical ventilation is essential in providing acceptable indoor air quality in the heating season. However, occupant behaviour, like opening windows and doors, cooking, burning candles, etc. will influence the ultimate indoor to outdoor ratio. Flats monitored in this study were equipped with MVHR, and although their performance was not measured in the work presented here, previous studies in Finnish homes found that the recommended ventilation rate (>0.5h<sup>-1</sup>) was achieved by only 57% of newly constructed dwellings with MVHR (Kurnitski et al., 2007).

By decree the required ventilation rate in Dutch homes is 300m<sup>3</sup>/h, and studies have reported that this is often achieved (van der Wal, 1991). However, low-energy homes,

monitored in another study, which primarily used mechanical ventilation had lower ventilation rates than those required by the Dutch Building Code (Balvers et al., 2012).

Levels of outdoor air pollution, cultural and behavioural patterns, and perhaps even perceptions of wellbeing, vary widely across Europe. However, home, for most people, is a place of comfort and safety, and people spend up to 65% of their time there (Klepeis, 2001). Therefore, it is important to understand place-specific differences in the quality of the air in homes, people's responses to it and how best to mitigate it when it is poor.

### **Indoor air quality and health**

Air pollution concentrations, including particulate matter, can, in many locations, exceed health-based guidelines developed by the World Health Organization (WHO) for both chronic and acute exposure (Logue et al., 2012; WHO, 2006). Prior studies have demonstrated the contribution of indoor air pollution to total exposure (Samet, 1993; Weisel et al., 2005), as well as the negative health impacts associated with exposure. Atmospheric particulate matter less than 2.5 $\mu$ m in aerodynamic diameter has been explicitly implicated in multiple health outcomes including; cardiovascular diseases (Ostro, 1989), asthma (Schwartz, 1993), bronchitis (Anderson et al., 2012), premature mortality (Crouse et al., 2012; Laden et al., 2006; Pope & Dockery, 2006) and lung cancer (Pope, 2002).

### **Home air purifiers: technologies and impact**

Previous studies have considered the health benefits of different methods of particulate filtration (Batterman et al., 2012; Fisk, 2018; Fisk & Chan, 2017b), and the adoption of technologies to mitigate indoor air pollution is increasingly common ("Global Residential Air Purifiers Market: Growth, Trends, COVID-19 Impact and Forecasts ", 2021). Home air purifiers (HAPs) which utilise HEPA (high efficiency particulate air) filtration as the primary mechanism of air cleaning are one of the most common devices currently available for in-home use. Simple installation without the requirement of a central air handling system, flexibility in location and the lack of harmful by-products give these devices a number of advantages over other air cleaning methods.

Substantial reductions in PM<sub>2.5</sub> in spaces using these devices, from as much as 82.7% (Zhan et al., 2018) to as little as 29% (Barn et al., 2018), were reported in previous studies, with most studies finding reductions of around 50% (e.g., McNamara et al., 2017; Shao et al., 2017). A crossover study in Denmark reported a reduction in PM<sub>2.5</sub> of 54.5% (median value) in locations using HEPA filtration (Spilak et al., 2014). A 43% reduction in PM<sub>2.5</sub> was shown in an intervention study in the United States when HEPA filtration was used (Park et al., 2017). In a modelling study by Fisk and Chan (Fisk & Chan, 2017a) a number of scenarios were simulated, including using portable air purifiers in homes without forced air systems, which closely resembles many of the dwellings monitored in the work presented here. The results of models of homes with continuously operating portable air purifiers showed a reduction of 45% in PM<sub>2.5</sub> concentrations (Fisk & Chan, 2017a).

However, past research was, for the most part, not inclusive of typical ambient air quality conditions and healthy adults. Rather, outdoor pollution events, such as wildfires, and occupants with specific health conditions, like lung disease, and children were the focus of the studies (Brugge et al., 2017; Maestas et al., 2019; Park et al., 2017; Spilak et al., 2014; Vyas et al., 2016; Weichenthal et al., 2013).

### **Perception of air quality**

There is little evidence that indicates people readily perceive poor air quality due to PM<sub>2.5</sub>. The perception of air quality has been shown to be most strongly influenced by the thermal conditions and relative humidity of a space (Fang, 2004). A study by Rotko et al. (2002) found that, although people expressed annoyance with air pollution, there was poor association between annoyance and measured PM<sub>2.5</sub> concentrations. A study in France assessed the perception of air quality in homes and found that there was little correlation between occupants' perceived air quality and the measured parameters (including particulate matter) (Langer et al., 2017). In the Langer et al. study, occupants generally described their home more favourably than visitors, who did a better job of assessing air quality, as compared to measured pollutants such as volatile organic compounds. However, neither occupants' nor visitors' perceptions were strongly associated with PM<sub>2.5</sub>.

### **Thermal comfort**

Thermal stimuli affect the way that occupants experience comfort and control of their environment indoors. A review by Day et al. (2020) provides a good description of the way in which occupants interact with different components of the built environment and the drivers behind those behaviours. Thermal comfort is explored as an occupant motivation for window operations and thermostat use in the Day et al. review, and is further explored in work by Cali et al. (2016) and by Jeong et al. (2016), among others. Very little work was found that included occupant interactions with building environmental controls other than windows and thermostats. One study by Rijal et al. (2008) developing adaptive algorithms that included the operation of fans to predict thermal comfort, and noted that increased mean globe temperatures were associated with more fan use.

### **Use of HAPs**

As with indoor air quality perception, there is a paucity of research available on occupant use of HAPs. Factors affecting indoor air quality, as well as the performance of HAPs, such as, building ventilation systems, building infiltration rates, personal behaviour (e.g., window/door opening, smoking, etc.) and location of the air purifier in the residence (Novoselac & Siegel, 2009; Shaughnessy & Sextro, 2006; Whitby, 1983), have been documented, there exists little work in the literature that describes how or why people use HAPs, or how that might affect their performance.

A study in China by Pei et al. (2019) found that of 43 households provided with portable air purifiers more than 80% did not use the device at all, and the rest used them only intermittently. These patterns of use, they concluded, would be insufficient to adequately reduce indoor PM<sub>2.5</sub> levels. A study from the California Air Resources Board (Piazza, 2006) found very different use patterns to those in China. Although the devices in this study were not monitored, in surveys conducted by the researchers, 57% of owners of air purifiers claimed to use them continuously every day. Little evidence is available to explain the significant difference between these two studies, but the authors speculated that the motivation of participants in California for frequent air purifier use was due to the perceived health benefits of their use. It seems unlikely, however, that owners of HAPs in China would be unaware of similar potential health benefits of cleaner air. Any differences in air purifier use across countries, cultures and climates have the potential to be important factors in the effectiveness of HAPs.

Kaviany et al. (2021) reported on the use of HAPs in an intervention study in homes of asthmatic children in the USA. This study monitored not only the utilisation of HAPs (i.e., power ON or OFF), but also the fan speed, to determine adherence to the intervention's protocol. The authors reported that participants used the purifiers 80% of the time, with adherence to the fan settings 60% of the time. However, this study used financial incentives (US\$50) and weekly reminder calls to participants to encourage adherence to the air purifier regime that was prescribed. Higher rates of HAP use are therefore not unexpected. Interestingly, in their multivariable analysis model, winter season was found to be the main driver of HAP use. There was a 21% decrease in adherence to the high and turbo fans speeds in winter which the authors attribute to the cold draught produced by the devices (Kaviany et al., 2021).

Schweiker et al. (2020) reviewed multi-domain approaches to investigate indoor environment behaviour and found that studies remain limited despite recognition by many that the stimuli that influence occupants' behaviour and perception are multifactorial and varied (e.g., thermal, visual, indoor air quality (IAQ)). In the work presented here physical (i.e., IAQ measurements, temperature and relative humidity), contextual (i.e., country and season) and personal (i.e., thermal sensation, IAQ preferences, perception of control over environmental variable) variables were included in the analysis of HAP operating behaviour. This method yielded new insights into occupants' perceptions of their homes, and behaviours that may impact air quality.

## **Methods**

### **Context**

The study utilised a convenience sample for both the cities and monitored households with a target of 20 households in each of three cities, Eindhoven, The Netherlands, Helsinki, Finland, and London, UK. Participants had to be adults, and no specific health status (e.g., healthy, asthma, etc.) was required. Children or pets in the home were both allowed, as was smoking or wood-burning stoves. Demographic information for all participants can be found in Table 1 below. After some exclusions and drop-out of participants there were 18 households in London, 19 households in Eindhoven, and 20 households in Helsinki (a total of 57 dwellings). Both Eindhoven and London are

located in the Cfb Köppen Climate Classification subtypes (marine west coast climate) with winter temperatures between 2°C and 6°C, and summer temperatures between 17°C and 20°C. Helsinki is located in the Dfb subtype (warm-summer, humid continental climate) with a coldest month average temperature of -3°C, and the warmest month average of approximately 17°C. Heating Degree Days (HDD) at 15.5°C are 1,973, 1,724 and 3,504 for Eindhoven, Helsinki and London respectively.

Eindhoven dwellings included in the work were the most varied in size, type, location, and construction. Participants were selected from throughout the city, and housing types included ten (10) townhouse/terraced-houses, three (3) apartments/flats, three (3) semi-detached, and two (2) detached houses. The smallest home was a flat of approximately 90 m<sup>2</sup> and the largest were detached houses of about 270 m<sup>2</sup>. Seven were classified as being located in a “town with or without a small garden”, four were described as “city centre, densely packed housing” and the other were reported as “suburban with larger garden”. Nine of the homes utilised mechanical ventilation whilst the other ten relied upon natural ventilation alone. Bedrooms ranged in volume from approximately 23 m<sup>3</sup> to 60 m<sup>3</sup>. None of the homes provided social or subsidised housing.

In Helsinki, the monitored site was in Jätkäsaari, a new urban district next to the city centre by the sea. All 20 residences were flats located in a recently constructed high-rise apartment building in the southeast part of the city, described as “city centre, densely packed housing”. Light vehicular traffic, building construction and harbour traffic was noted in the immediate area. Flats used mechanical ventilation with heat recovery, as well as window openings, for ventilation, and bedrooms were typically 30-40 m<sup>3</sup> in volume. As with Eindhoven, none of the housing was subsidised.

In the UK, the 18 residences were located within three high-rise apartment buildings at two sites (Sites A and B) in east London. Site A in London included eleven (11) units, all of which had some level of social housing subsidy. Both buildings were constructed within the last 15 years and relied primarily upon natural ventilation in the non-heating season. At Site B trickle-ventilators provided ventilation in the heating months. Site A used mechanical ventilation with heat recovery (MVHR) during the heating season with a by-pass mode for use in non-heating times. However, most residents reported that the MVHR was turned off during the warmer months. The units



were decentralised, one unit per flat, with fan efficiencies between 75-77%, and heat exchanger performance compliance of 92 to 93 per cent. Filtration with the MVHR was minimal (ISO Coarse 45%), and filter changing, and maintenance was intermittent, at best. None of the flats had any air conditioning systems. Previous work at Site A included a pressure test which found an air permeability of 2-3 m<sup>3</sup>/ (h.m<sup>2</sup>) at 50Pa. Given the age and characteristics of the other building, the infiltration rate is estimated to also be less than 5 m<sup>3</sup>/ (h.m<sup>2</sup>) at 50Pa. Bedrooms in which the HAPs were located, ranged in size from approximately 28m<sup>3</sup> to 34m<sup>3</sup>, and typically had one operable window approximately 1.6m<sup>2</sup>.

Philips, a study partner, loaned each household a Philips AC5659/10 home air purifier for use in the main bedroom during the study period (at no cost to the occupants). The HAPs used in this study had a pre-filter, an activated carbon filter, and a HEPA filter with a clean air delivery rate (CADR) of 500 m<sup>3</sup>/hour with a 0.3µm particle removal efficiency of 99.97%, for room sizes up to 130 m<sup>2</sup>. Many similar products are available from other manufacturers (e.g., Panasonic, Dyson), and the results presented here are expected to be comparable across devices with similar specifications. Each HAP had a built-in sensor for measuring PM<sub>2.5</sub> (µg m<sup>-3</sup>) and sent information via the cloud to the manufacturer regarding ON/OFF status, operation mode (e.g., fan speed), and PM<sub>2.5</sub> levels. Surveys were conducted of the households to gather information about occupancy, physical characteristics of the dwelling (e.g., area, carpeted, etc.), and occupancy patterns and behaviours.

Table 1 Demographics of participating households in each city.

| Helsinki                     |              |           |      | London                       |          |           |       | Eindhoven                    |          |           |       |
|------------------------------|--------------|-----------|------|------------------------------|----------|-----------|-------|------------------------------|----------|-----------|-------|
| Demographic                  | Value        | Frequency | %    | Demographic                  | Value    | Frequency | %     | Demographic                  | Value    | Frequency | %     |
| Gender (of lead participant) | Male         | 6         | 30.0 | Gender (of lead participant) | Male     | 10        | 55.6  | Gender (of lead participant) | Male     | 13        | 68.4  |
|                              | Female       | 14        | 70.0 |                              | Female   | 8         | 44.4  |                              | Female   | 6         | 31.6  |
| Age (of lead participant)    | Under 30     | 3         | 15.0 | Age (of lead participant)    | Under 30 | 3         | 16.7  | Age (of lead participant)    | Under 30 | 0         | 0.0   |
|                              | Over 30      | 17        | 85.0 |                              | Over 30  | 15        | 83.3  |                              | Over 30  | 19        | 100.0 |
| Years at residence           | <1 years     | 18        | 90.0 | Years at residence           | <1 years | 0         | 0.0   | Years at residence           | <1 years | 0         | 0.0   |
|                              | >1 years     | 2         | 10.0 |                              | >1 years | 18        | 100.0 |                              | >1 years | 19        | 100.0 |
| Household size               | 1            | 3         | 15.0 | Household size               | 1        | 4         | 22.2  | Household size               | 1        | 3         | 15.8  |
|                              | 2 to 4       | 15        | 75.0 |                              | 2 to 4   | 8         | 44.4  |                              | 2 to 4   | 16        | 84.2  |
|                              | >4           | 2         | 10.0 |                              | >4       | 6         | 33.3  |                              | >4       | 0         | 0.0   |
| <18 y.o. in household        | 0            | 8         | 40.0 | <18 in household             | 0        | 10        | 55.6  | <18 y.o. in household        | 0        | 15        | 78.9  |
|                              | 1 to 2       | 10        | 50.0 |                              | 1 to 2   | 3         | 16.7  |                              | 1 to 2   | 4         | 21.1  |
|                              | >2           | 2         | 10.0 |                              | >2       | 5         | 27.8  |                              | >2       | 0         | 0.0   |
| Smoking status               | Yes          | 2         | 10.0 | Smoking status               | Yes      | 6         | 33.3  | Smoking status               | Yes      | 5         | 26.3  |
|                              | No           | 18        | 90.0 |                              | No       | 12        | 66.7  |                              | No       | 14        | 73.7  |
| Cooking (per week)           | 1            | 0         | 0.0  | Cooking (per week)           | 1        | 0         | 0.0   | Cooking (per week)           | 1        | 2         | 10.5  |
|                              | 2 to 5       | 1         | 5.0  |                              | 2 to 5   | 6         | 33.3  |                              | 2 to 5   | 2         | 10.5  |
|                              | >5           | 19        | 95.0 |                              | >5       | 12        | 66.7  |                              | >5       | 15        | 78.9  |
| Cleaning (per week)          | not reported |           |      | Cleaning (per week)          | 1        | 4         | 22.2  | Cleaning (per week)          | 1        | 6         | 31.6  |
|                              |              |           |      |                              | 2 to 5   | 9         | 50.0  |                              | 2 to 5   | 11        | 57.9  |
|                              |              |           |      |                              | >5       | 5         | 27.8  |                              | >5       | 2         | 10.5  |
| Air freshener use (per week) | never        | 16        | 80.0 | Air freshener use (per week) | never    | 2         | 11.1  | Air freshener use (per week) | never    | 13        | 68.4  |
|                              | 1            | 3         | 15.0 |                              | 1        | 6         | 33.3  |                              | 1        | 1         | 5.3   |
|                              | 2 to 5       | 0         | 0.0  |                              | 2 to 5   | 1         | 5.6   |                              | 2 to 5   | 3         | 15.8  |
|                              | >5           | 1         | 5.0  |                              | >5       | 9         | 50.0  |                              | >5       | 2         | 10.5  |
| Candle use (per week)        | never        | 9         | 45.0 | Candle use (per week)        | never    | 4         | 22.2  | Candle use (per week)        | never    | 8         | 42.1  |
|                              | 1            | 10        | 50.0 |                              | 1        | 11        | 61.1  |                              | 1        | 6         | 31.6  |
|                              | 2 to 5       | 1         | 5.0  |                              | 2 to 5   | 1         | 5.6   |                              | 2 to 5   | 3         | 15.8  |
|                              | >5           | 0         | 0.0  |                              | >5       | 2         | 11.1  |                              | >5       | 2         | 10.5  |
| Pets in home                 | Yes          | 9         | 45.0 | Pets in home                 | Yes      | 0         | 0     | Pets in home                 | Yes      | 11        | 57.9  |
|                              | No           | 11        | 55.0 |                              | No       | 18        | 100   |                              | No       | 8         | 42.1  |
| wood/pellet stove            | Yes          | 0         | 0    | wood/pellet stove            | Yes      | 0         | 0     | Wood/pellet stove            | Yes      | 6         | 31.6  |
|                              | No           | 20        | 100  |                              | No       | 18        | 100   |                              | No       | 13        | 68.4  |

Flats in Eindhoven and London were monitored for six months, from July until the end of December, to measure conditions across three seasons, and Helsinki was monitored from July through October. Informed consent was obtained from all individual participants included in the study. A diagram of the study timeline is shown in Figure 1 below.

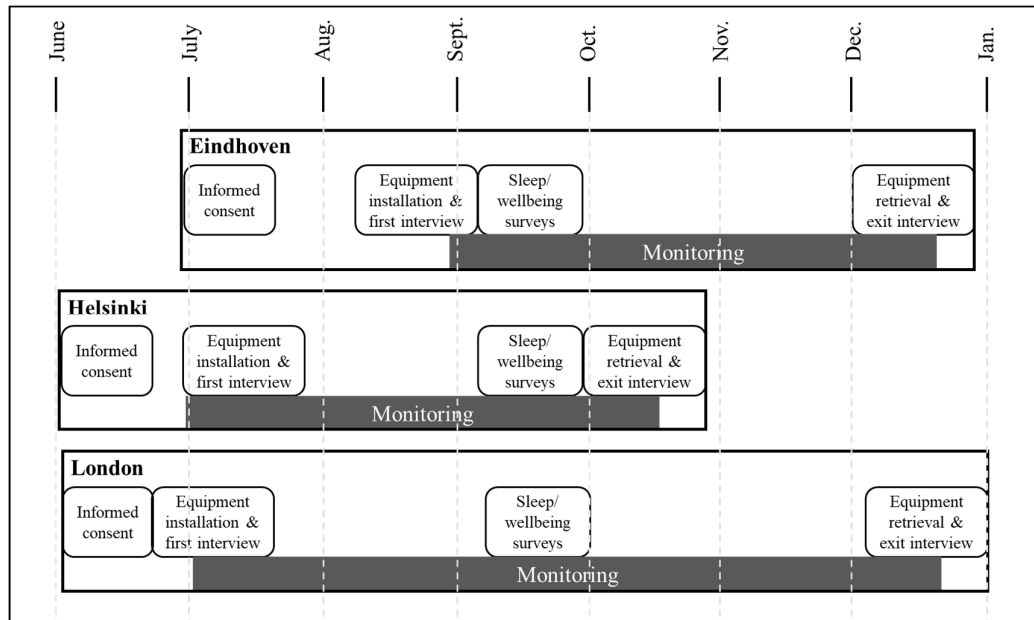


Figure 1 Diagram of study dates and timeline at each city.

### Air quality monitoring

Air quality data in Eindhoven was collected using bespoke sensors developed by IMEC. The sensor box consisted of commercially available environmental (temperature, relative humidity) and air quality (PM2.5, PM10 and NO2) sensors on custom developed sensor boards and the OCTA prototype platform. The particulate matter sensor (Alphasense OPC-N3) was an optical particle counter (OPC). It had a fan-based sampling flow rate of 1.2 L/min, it optically (658 nm laser scattering) quantified particles within the 0.38 to 17  $\mu\text{m}$  particle size range, defined in 16 different size bins (Mie scattering theory). From these particle counts, particle mass concentrations of PM1, PM2.5 and PM10, were consequently calculated from the particle size spectra and concentration data, assuming a particle density of 1.65 g ml<sup>-1</sup> and refractive index (RI) of 1.5. An electrochemical sensor for NO2 (Alphasense

NO2-A43F) was included as well. The Alphasense NO2 sensors were capable of detecting NO2 concentrations at ppb (outdoor) level. As low-cost air quality sensors are sensitive to ambient atmospheric temperature (°C) and relative humidity (%), a Farnell SHT31 environmental sensor was included in the sensor boxes. According to the technical specifications, this sensor exhibits a typical accuracy tolerance of 2% for relative humidity and 0.2 °C for air temperature. The raw sensor data were collected at a 1/7 Hz temporal resolution and BLE-transmitted to an ethernet connected gateway (raspberry pi) at a 1/30 Hz resolution and subsequently averaged to 5-minute readings. Sensor measurements were compensated for temperature (°C) and relative humidity (%) and subsequently calibrated online against the regulatory reference monitoring stations of the Dutch National Institute for Public Health and the Environment (RIVM).

In Helsinki, the air quality sensors were the AQBurk, a self-contained, compact setup monitoring box. These monitors collected data on temperature, relative humidity (RH), PM10 and PM2.5. Boxes incorporate two sensor units, one unit for particles (Nova Fitness SDS011) and one for temperature (°C) and relative humidity (%) (Bosch BME280). The AQBurk were installed inside and outside a bedroom of each monitored flat. The AQBurk connected to existing Wi-Fi networks and sent data via MQTT to a server in one second intervals. Data were held in an Influx database and 5 minutes average was delivered to an Azure installation. The apparatus had previously been deployed in several unpublished air quality studies. Compensation parameters for the sensors were computed on the basis of data collected during a calibration session at Helsinki Region Environmental Services Authority measurement site at Mäkelänkatu in Helsinki.

Indoor and outdoor air quality sensors in London were Eltek TU1082 – AQ110/112. This device is equipped with Alphasense PM (OPC-N2) and gas (NO2-A43F) sensors (similar to the units used in Eindhoven). Overall, 18 living rooms, 17 bedrooms, and 60 opening areas (18 doors and 42 windows) were monitored by sensors which worked in a clustered sensor network. After testing the onsite transmission signal strength, all 18 flats were allocated to 11 Eltek Squirrel SRV250 data loggers. This architecture enabled real-time data collection from each flat to be sent and stored to an online server every 5 mins using available 3G networks. Due to the availability of a constantly

updated database, a core part of data quality assurance work was automated to check for power-off, signal loss, or other issues. Problems were quickly identified, and the appropriate action was taken to minimise data loss to the greatest extent. The Eltek indoor air quality transmitters, AQ110/112, were placed at a height of 1.5 - 1.7m above the finished floor in the living room of each flat to avoid disruptions in occupants' use of their homes. Eltek GD47B sensors were located at the same height in the bedroom where the HAP was used to measure air temperature, relative humidity, and CO<sub>2</sub>. An AQ110/112 sensor was deployed outside of each building to measure the real-time outdoor environmental pollutant level. The buildings were all located in relatively dense urban mixed-use areas adjacent to high traffic roads.

Full specifications for all the sensors used in the study can be found in the Supplemental Materials.

### **Crossover study design**

The cross-over structure of the study was developed to answer research questions regarding the performance of the home air purifier with respect to PM<sub>2.5</sub> indoors, its relationship to outdoor concentrations, and to people's perceptions of air quality in their homes. The World Health Organisation Air Quality Guidelines (2008) were used as a reference for both outdoor and indoor air in this study. This recommendation is for a short-term exposure limit of 25 µg/m<sup>3</sup> 24-hour mean, and long-term limit of 10 µg/m<sup>3</sup> annual mean (WHO, 2006). The home air purifier turned on to fan speed 1, 2, 3 or turbo (HAP ON) was compared with respect to using no purification device (HAP OFF) as well as using the HAP always ON but on the lowest fan speed setting (HAP BACKGROUND).

Pollutant levels, and operational status of the HAP, were collected and recorded every 5 minutes. In addition to the data on use collected from the devices themselves, use was evaluated through interviews when installing (baseline) and when collecting the HAPs at the end of the study (final). The cohorts in each city were divided into four (4) roughly equal tracks, three with alternating configurations of HAP use: always off, always on at the lowest fan speed, or freely operated for the duration of the study. Each phase of the crossover period lasted a minimum of three weeks. For one week of each

phase, participants were sent short surveys each day that asked them about the quality of their sleep and wellbeing during the previous day.

### **Semi-structured interviews**

Semi-structured interviews were conducted at the first site visit to establish a baseline of the occupants' overall satisfaction with the dwelling, their general health and wellbeing, and sleep quality. A part of the Building Users' Survey Methodology (BUS) (Arup, 2020) was used to determine the occupants' opinions on various aspects of their home, including air quality, thermal comfort and control of the environment (Cohen et al., 2001). The Short Form health survey (SF-12) was employed to assess the self-reported mental and physical health of the participants (Jenkinson et al., 1997). Additionally, participants were asked about their sleep quality using the Pittsburgh Sleep Quality Index (PSQI) (Buysse et al., 1989). At this first interview the monitoring equipment was installed and participants were introduced to the use of the air purifier. After the 9-week crossover period, another semi-structured interview was performed in an effort to determine if there were any changes to participants' sleep and wellbeing, as well as to understand how the air purifiers were perceived and utilised. Some of the households in London and Eindhoven agreed to continue with monitoring after the cross-over study period to the end of the calendar year. This extension allowed the capturing of data during the heating season. Due to agreements with study participants in Helsinki, data were collected only until mid-October.

### **Statistical analysis**

Summary statistics (means, medians, ranges) were generated for PM<sub>2.5</sub>, indoor and outdoor temperature and relative humidity (RH) using the open source statistical software R (R Core Team, 2018). The tests of statistical significance and correlations that were used in the analysis are specified in the results. BUS survey results were analysed through The Usable Buildings Trust, information about which can be found at the BUS Methodology website (Arup, 2020).

A logistic regression model was used to explore correlations between environmental parameters and HAP use. This type of model has been used to describe occupant behaviour related to window operations, and is a reasonable approach to discerning operational behaviour of binary actions (ON/OFF), and in this example in relation to

temperature (Andersen et al., 2013). In this model, outdoor temperature was used as an explanatory variable to simulate whether the HAP was ON or not. The coefficients for this model are represented by the following expressions, and are significant to the level of 0.05:

Eindhoven:  $\text{Logit (probability of HAP ON)} = \log(p/(1-p)) = -4.93 + 0.14 * \text{Outdoor Temperature}$

Helsinki:  $\text{Logit (probability of HAP ON)} = \log(p/(1-p)) = -0.21 + 0.063 * \text{Outdoor Temperature}$

London:  $\text{Logit (probability of HAP ON)} = \log(p/(1-p)) = -2.83 + 0.082 * \text{Outdoor Temperature}$

## **Results**

### **Indoor air quality**

This work focussed on indoor PM<sub>2.5</sub> in homes that use air purifiers. Homes monitored during the study period had good air quality when compared against WHO guidelines. Indeed, there were few times or days during the study period where indoor or outdoor air exceeded the limits (10 and 25  $\mu\text{g m}^{-3}$ ). It is worth noting however, no safe exposure limits have been established for PM<sub>2.5</sub> (Organization, 2013), and as almost two-thirds of our time is spent at home, even small reductions in concentrations are expected to be impactful. Indoor PM<sub>2.5</sub> concentrations across the entire study period can be found in the Supplemental Materials (online).

The typical daily patterns of PM<sub>2.5</sub> concentrations indoors and outdoors illustrate the daily dynamics between indoor and outdoor sources, as well as when the internal generation of pollutants may occur. Figure 2 shows average hourly values across a day, aggregated for all days and all homes for the three cities (four sites). In London, particulate matter levels outside at both sites show a peak around 8 am, most likely associated with road traffic, before dropping in the afternoon. Indoor levels at London site B show a morning peak correlated with outdoor levels, and a large evening peak attributable to cooking activities. London Site A concentrations are relatively flat throughout the day with a small increase in the evening. PM<sub>2.5</sub> concentrations

outdoors in Eindhoven have relatively equivalent levels in the morning and evenings, with a drop midday, once again most likely reflecting traffic conditions. Indoor levels in Eindhoven remain very constant throughout the day. In Helsinki, outdoor levels are relatively flat across the day, illustrating that the building is located in a low-traffic area. Indoor levels in Helsinki show a small rise in the evenings, most likely coinciding with the preparation of evening meals. Although the average indoor air quality is consistently better than what is experienced outside, short-lived peak events occasionally far exceed outdoor concentrations.

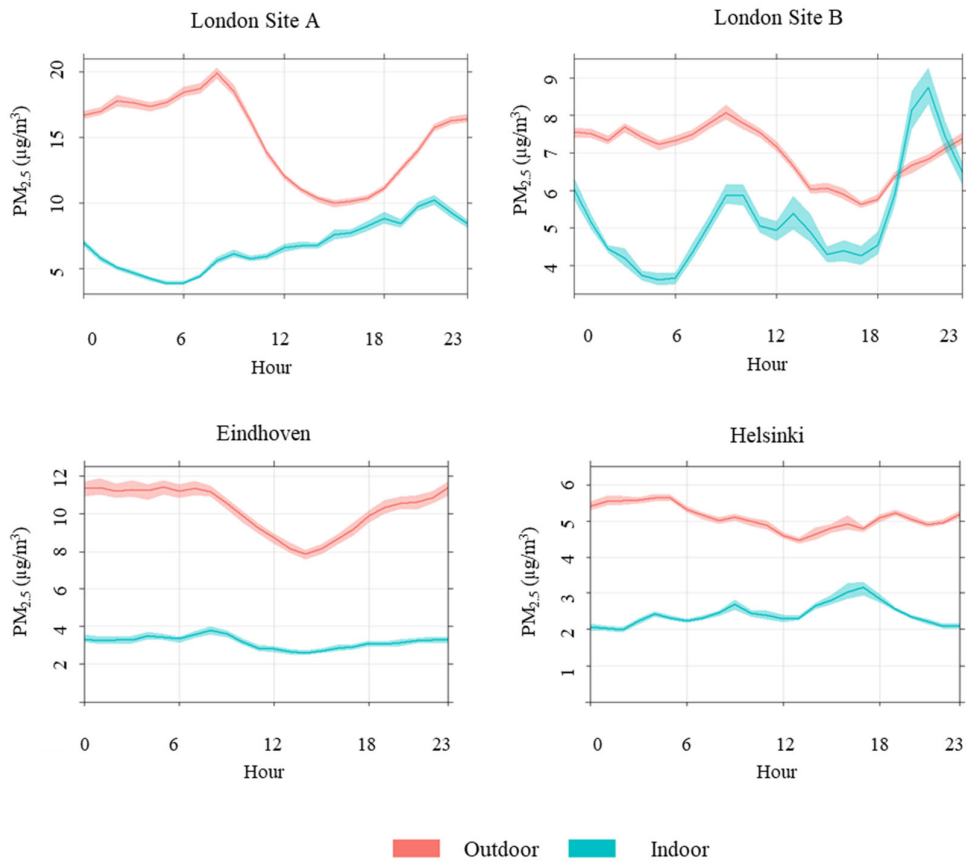


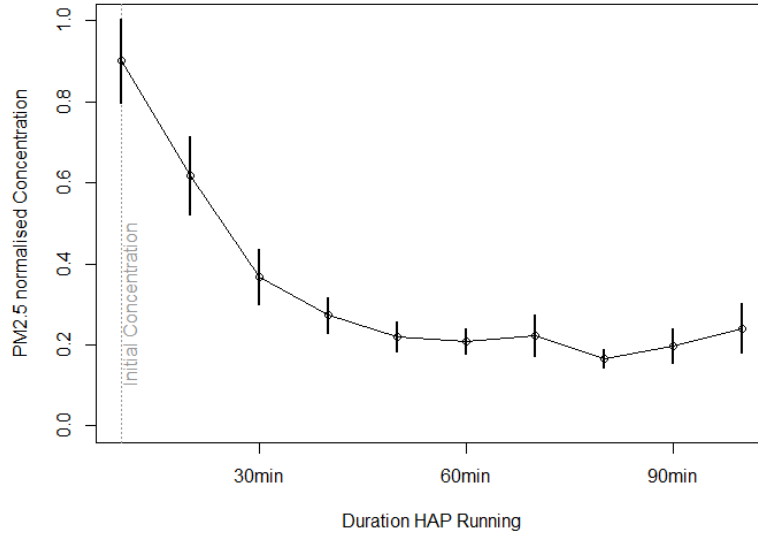
Figure 2 Typical daily patterns of outdoor and indoor PM2.5 at all sites in three cities.

When measurements from participants’ bedrooms are combined, clear decay curves can be seen from the onset of HAP use to 100 minutes run time (Figure 3). The decay curves represent the aggregated performance of the HAP; however, it is important to note that not all run cycles resulted in the same reduction pattern, particularly in the presence of continued internal sources, re-suspension, etc. In Eindhoven after 90 minutes of operation, PM2.5 concentrations were reduced by a mean of 69%. In

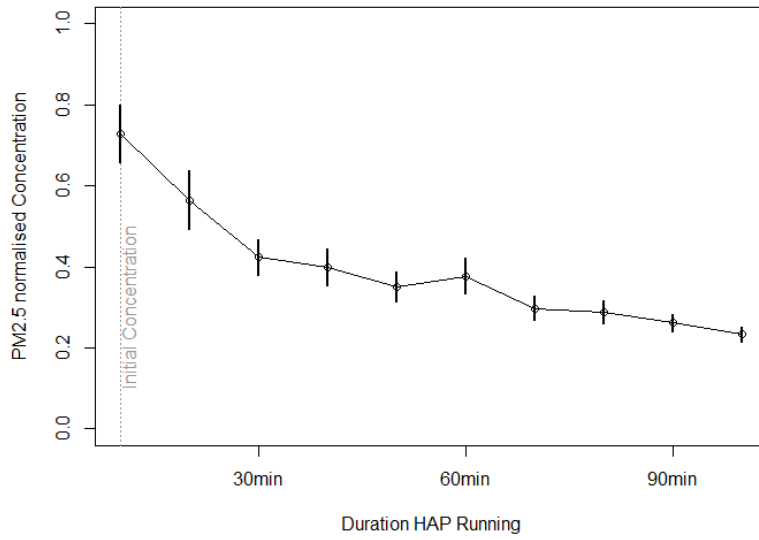


Helsinki after 90 minutes of operation, PM2.5 concentrations were reduced by a mean of 68%. In London after 90 minutes of operation, PM2.5 concentrations were reduced by a mean of 45%. Differences between sites may be attributable to differing use in regard to fan speed, different window operations and ventilation, and differing indoor source generation.

### Eindhoven



### Helsinki



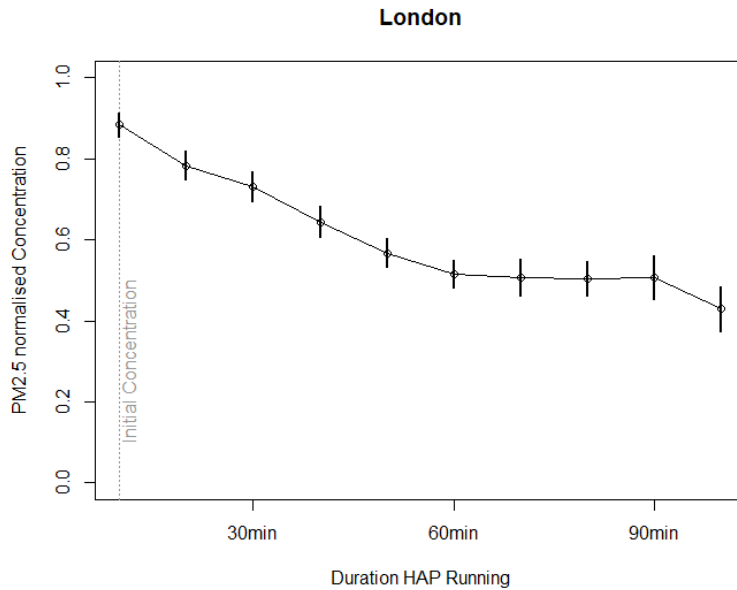


Figure 3 Change in the mean concentration of PM2.5 in bedrooms using home air purifiers. Start measurements at time 0, with minutes of run time shown. Top: Eindhoven, Middle: Helsinki, Bottom: London

Normalised concentrations were used for the decay curves because data from the internal HAP sensors were used in this analysis. This was to avoid conflicts or differences between the different types of external sensors deployed in each city. The HAP sensors could not be fully calibrated however, calibrated sensors collocated with the HAPs were in strong agreement with the levels measured by the air purifiers ( $R^2 = 0.9$ ,  $RMSE = 4.5 \mu\text{g}/\text{m}^3$ ,  $MBE = -0.16 \mu\text{g}/\text{m}^3$ ). Technical specifications that include CADR by fan speed are shown in Table 2. Hourly patterns indicated that the concentration of particulate matter is correlated with fan speed. That is, the higher the fan speeds the lower the concentration of PM2.5.

Table 2 Air purifier flow rate and clean air delivery rate (CADR) by mode

| Mode   | Flow (m <sup>3</sup> /hr) | CADR (m <sup>3</sup> /hr) |
|--------|---------------------------|---------------------------|
| Sleep  | 117.6                     | 115                       |
| Mode 1 | 210.8                     | 207                       |
| Mode 2 | 308.7                     | 303                       |
| Mode 3 | 416.8                     | 408                       |
| Turbo  | 509.8                     | 500                       |

Indoor concentrations of PM<sub>2.5</sub> were typically below WHO guidelines in all cities (measured by outdoor and indoor instruments), with the homes in Helsinki exhibiting the lowest outdoor and indoor (mean: 2.3  $\mu\text{g}/\text{m}^3$ ) PM<sub>2.5</sub> levels, London and Eindhoven had very similar median PM<sub>2.5</sub> concentrations, however the range in Eindhoven was greater. This difference could be explained as Eindhoven included 19 different locations, and London had only two sites. Whilst the mean in London was higher 6.6  $\mu\text{g}/\text{m}^3$ , compared with 5.1  $\mu\text{g}/\text{m}^3$  in Eindhoven (Figure 4).

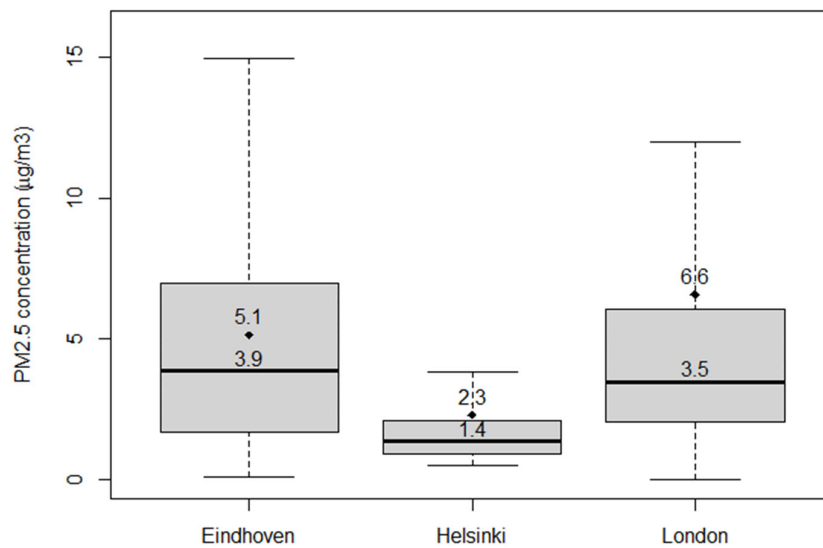


Figure 4 Measured indoor PM<sub>2.5</sub> concentration range in each of the partner cities, mean (diamonds), median (horizontal lines), and range for all three sites.

Indoor temperatures in all three cities ranged from a high near 30°C (in London) to a low of nearly 17°C (Figure 5). Correlations between temperature, or relative humidity (see Supplemental Materials), and PM<sub>2.5</sub> were generally very weak, with Pearson's correlation factors all below  $\pm 0.5$ .

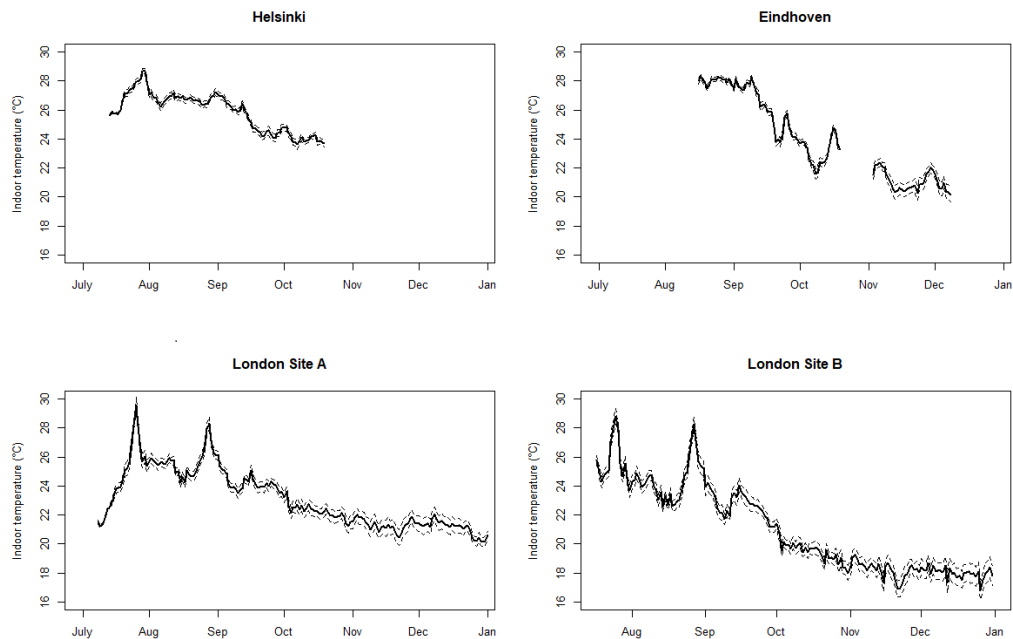


Figure 5 Indoor daily mean temperature is shown by the solid lines for each site. Dashed lines are 95% confidence intervals. (Missing temperature data in Eindhoven due to a server failure)

### Perceived indoor air quality

Sections of the Building Users' Survey (Arup, 2020) was used to assess the satisfaction of occupants on a number of indoor environmental factors. Of the 22 factors that were scored, 5 were considered satisfactory in all cities: stillness of the air in winter, overall condition of the air in winter, control over lighting and noise, and the stability of the temperature in winter. 10 factors were marginal including: Odour of the air in summer and winter, overall condition of the air in summer, dryness of the air in winter, freshness of the air in winter, overall comfort, control over heating, stability of the temperature in summer, overall winter temperature, and the coldness of the winter temperature. Notably, seven factors were unsatisfactory including: humidity of the air in summer, stuffiness of the air in summer, stillness of the air in summer, control over cooling and ventilation, temperature in summer (too hot), and the overall comfort of temperature. A list of parameters and aggregate scores is shown in Table 3.

| <b>Parameter<br/>(long name)</b>       | <b>Eindhoven<br/>Study<br/>mean<br/>score</b> | <b>Helsinki<br/>Study<br/>mean<br/>score</b> | <b>London<br/>Study<br/>mean<br/>score</b> | <b>Benchmark<br/>score<br/>(limits)</b> |
|--|---|--|--|---|
| Air in summer:<br>dry/humid            | 3.6   | 3.7  | 4.4  | 3.5 (3.3-3.7)                           |
| Air in summer:<br>fresh/stuffy         | 4.5   | 4.1  | 4.9  | 3.5 (3.2-3.7)                           |
| Air in summer:<br>Odourless/<br>smelly | 2.5   | 2.9  | 3.4  | 2.6 (2.9-3.4)                           |
| Air in summer:<br>Overall              | 4.2   | 4  | 3.9  | 5.4 (5.1-5.6)                           |
| Air in summer:<br>Still/draughty       | 2.3   | 2.7  | 2.4  | 2.8 (2.5-3.1)                           |
| Air in winter:<br>Overall              | 6.1   | 4.6  | 5.6  | 5.5 (5.3-5.7)                           |
| Air in winter:<br>Dry/humid            | 3.3   | 2.4  | 3.3  | 3.3 (3.1-3.5)                           |
| Air in winter:<br>Fresh/stuffy         | 2.4   | 4.5  | 3.8  | 3.3 (3.1-3.6)                           |
| Air in winter:<br>Odourless/<br>smelly | 2.1   | 3.1  | 2.5  | 2.8 (2.5-3.0)                           |
| Air in winter:<br>Still/draughty       | 3.3   | 3.3  | 2.9  | 3.1 (2.7-3.4)                           |
| Comfort:<br>Overall                    | 5.6   | 4.7  | 4.9  | 5.9 (5.7-6.0)                           |
| Control: Over<br>cooling               | 4.2   | 3  | 3.2  | 4.4 (4.0-4.7)                           |
| Control: Over<br>heating               | 6.1   | 3.2  | 6.5  | 5.2 (4.9-5.6)                           |
| Control: Over<br>lighting              | 6.7   | 5.4  | 6.2  | 5.7 (5.4-6.0)                           |
| Control: Over<br>noise                 | 4.2   | 4.8  | 3.2  | 3.9 (3.6-4.2)                           |
| Control: Over<br>ventilation           | 4.9   | 2.9  | 4.5  | 5.1 (4.8-5.4)                           |
| Temp in summer:<br>Hot/cold            | 2.9   | 2.5  | 2.4  | 3.3 (3.2-3.5)                           |
| Temp in summer:<br>overall             | 4.2   | 4  | 3.1  | 4.9 (4.6-5.1)                           |
| Temp in summer:<br>Stable/variable     | 2.9   | 4  | 3.8  | 4.2 (3.9-4.4)                           |

Table 3 A summary of parameters and scores (upper and lower limits) from the Building Users' Survey (BUS).

Generally, occupants rated the indoor air quality poorer in the summer with a very high rate of dissatisfaction with the temperature, stuffiness and stillness of the air, as well as control over the cooling and ventilation.

### **HAP operation behaviour**

Given that residents across all sites expressed some dissatisfaction with the warmth of the temperatures in their homes in summer, and that many felt that there was inadequate control over cooling and ventilation, and that the HAPs' internal fans generate a "cooling" effect, the pattern of use displayed below (Figure 4) is perhaps not surprising. A clear correlation between increasing temperatures and increasing HAP use is shown in the logistic regression model.

It is clear that the probability that the HAP was operating was greater with increasing outdoor temperatures, although the degree of use differed across the sites irrespective of temperature. For example, the predicted probability that the HAP was ON in London was approximately 0.42 when it was 30 °C outside, whilst in Eindhoven at the same temperature the predicted probability was only about 0.35, but in Helsinki at 30 °C the probability that the HAP was ON was nearly 0.82. The model provides good statistical evidence for the anecdotal finding that participants' HAP use is driven by the perceived cooling effects of the devices. However, it does not provide insights into why the use, or temperature thresholds for use, differ between cities.

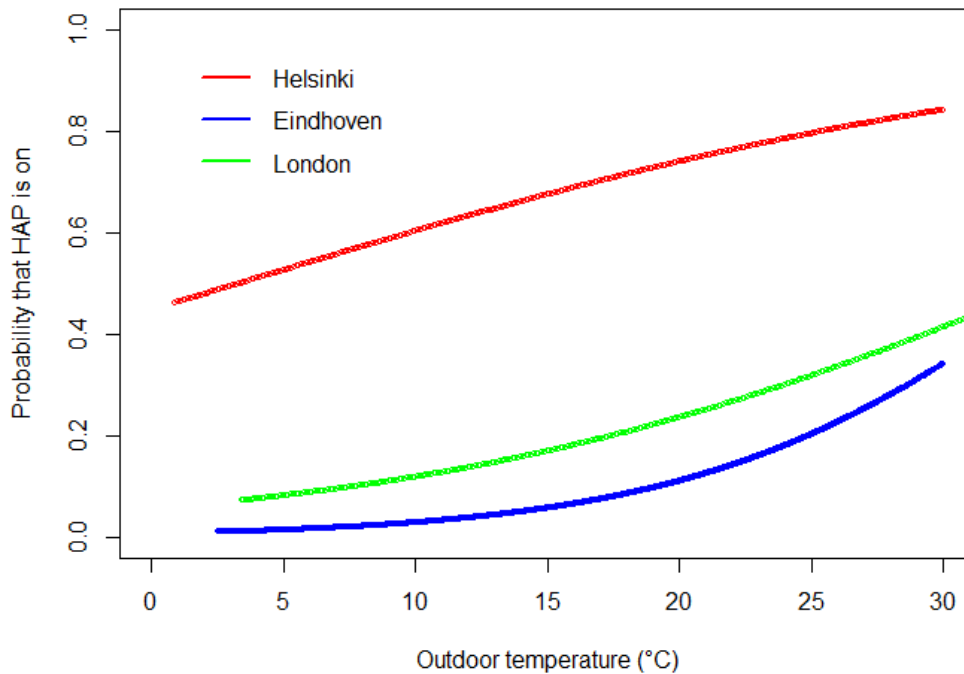


Figure 4 Probability of air purifier use in relation to mean outdoor temperature ( $p < 0.05$ )

From interviews, people in all three cities generally expressed more satisfaction with the overall air quality and comfort in the cooler months which could contribute to a decline in the perceived utility of an air purifier, and decreased utilisation. For participants in the group that was allowed to use the HAP in any manner they pleased during the entirety of the study period mean hours per day the HAP was ON (any speed) was 7.5, 14.1 and 10.4 for Eindhoven, Helsinki and London respectively. These usage means are also reflected in the logistic regression model shown in Figure 4.

Another possible motivation for HAP use could include the health status of occupants. Healthy adults were recruited, however having specific health conditions did not prevent people from participating. 33 (58%) of the participants reported having allergies, 10 (18%) reported having asthma, 12 (21%) reported frequent respiratory infections, and 3 (5%) participants had been diagnosed with COPD. Only 13 participants reported no symptoms of allergies, asthma, frequent respiratory infections,



or COPD. However, no statistical associations between frequency of use, or duration of use, of the devices and any of the health conditions were found.

## **Discussion**

### **Principal findings**

The results of the work presented here demonstrate the effectiveness of HEPA air purifiers to reduce indoor PM<sub>2.5</sub> concentrations. Although reductions are reported for running times of 90 minutes, it is worth noting that the actual running time of air purifiers was typically much longer. This was the case especially in warmer weather, which could lead to larger reductions for longer periods of time. However, there were also many conditions and times, either due to thermal comfort or perceived air quality, in which residents did not use their HAPs at all.

The participants in this study generally reported dissatisfaction with several aspects of their indoor environment, in particular during the warmer months. The combination of the residents' opinions that the quality of the indoor environment of their homes was better in the cooler months and that the air purifiers had a cooling effect, may lead residents to use the air purifier less often, or inconsistently, in the heating months, irrespective of the actual air quality.

Many of the standards of practice for ventilation are based upon what is perceived as acceptable air quality by occupants, however there is little evidence that people's perception correlates with actual air quality. The evidence presented here indicates it does not. Notably, although Helsinki had the lowest median daily PM<sub>2.5</sub> concentration (1.4µg/m<sup>3</sup>), they had the highest daily mean HAP use (14.1 hours), with London use at 10.4 and Eindhoven occupants using HAPs only 7.5 hours daily. The perception of indoor air quality is influenced by many factors including relative humidity, noise, and most importantly, temperature. Those participants in the work presented here who reported their motivations for HAP use did not, in large measure, use the HAPs for their intended benefit of reduction in particulate matter.

In The Netherlands, the types of homes in this study varied widely; flats, semi-detached, and detached houses with mechanical and natural ventilation systems were included in the monitoring campaign. Perhaps as a consequence of this variety, the

median PM2.5 concentrations spanned a larger range, and the use of the air purifiers also varied more widely, than in the flats in Helsinki or London. Due to the heterogeneity of the Dutch cohort, as well as different monitoring setup in The Netherlands, interpreting the results of this study presents some challenges. However, given the recognised shortcomings of some ventilation strategies, the measured indoor PM2.5 concentration and the effectiveness of the HAPs is noteworthy.

### **Relation to similar research**

The reduction in PM2.5 seen in the work presented here, with means of 45% to 69% after 90 minutes, is in line with reductions found in other studies. This study differed from many previous studies in the length of the studied period of approximately six months. Most other research on HAPs monitored for only days or weeks, no other similar work was found that monitored for more than 21 days.

There is very little published research on occupants' operation of air purifiers and the two studies that were found differed substantially in their findings. Personal health motivations were suggested by one study (Pei et al., 2019) as the reason for the substantial difference in the use patterns found in their study and those reported by Piazza et al. (2006). The findings from the work presented here do not support that supposition. No correlation between reported health conditions and HAP use was seen, despite many of the participants saying in the baseline interviews that they were concerned about the impact of air pollution on their personal health.

### **Limitations**

Due to the agreements and coordination between the different sites and cities, the monitoring times and durations were not the same (see Figure 1). As a result, unlike in London and Eindhoven, data in Helsinki was only collected from July until the middle of October. Therefore, information for occupant use of HAPs during the coldest time of the year is missing for Helsinki. Patterns still emerge, however, that are consistent across all three sites.

Another potential limitation of this study was the lack of a sham device. Participants were aware when the HAP was off and therefore may have believed that the air quality was poor when it was not. An additional limitation of the work presented here was that

the devices used to measure the indoor air quality were not the same in all three cities. The difference between the sensors could lead to differences in absolute concentrations. Some of this limitation was overcome in the analysis of the PM<sub>2.5</sub> decay through the use of the sensors internal to the HAPs, which were all the same make and model. It should also be noted that this study used only one type of HAP from one manufacturer (Philips), however similar results are expected from devices with equivalent specifications from other manufacturers.

A potential factor that should be considered in HAP utilisation, and may be a limitation in this study, was the cost of operating the device. Participants were provided with the HAPs for the duration of the study at no cost, but electricity to operate the device was paid for by the occupants. Although operational costs were relatively low, at approximately €2-4 per month, they were not negligible for some participants, and remain a limitation in our understanding of the motivations that could influence occupant behaviour. Additionally, the first-time cost of purchasing an air purifier may also be beyond the financial capacity of many people.

### **Implications and impact**

CO<sub>2</sub> was monitored in this study in London (both living room and bedroom) The London data were presented in a previous publication (Cooper et al., 2021). Those findings showed typical patterns of CO<sub>2</sub> concentrations for the bedrooms of naturally ventilated buildings, that is, lower concentrations in the non-heating season and higher concentrations in the heating season, due to window operations. These findings support the conclusion that because occupants' use of HAPs is positively correlated with temperature, as is window opening, the benefits of reduced PM<sub>2.5</sub> from indoor sources using HAPs may be reduced, especially in the heating season. The winter period is typically associated with (1) higher outdoor air pollution levels, (2) lower natural ventilation rates (i.e., opening of windows) and (3) potential additional indoor emissions (e.g., wood stoves, candles). There is therefore a greater risk that low rates of HAP utilisation in the heating season could lead to unacceptable indoor air quality when ventilation rates from natural ventilation are typically very low. If users prioritise thermal comfort over indoor air quality, they may not respond appropriately to the actual risk of PM<sub>2.5</sub> exposure.

In the rooms in which they are located, commercially available home air purifiers utilising HEPA filtration, do a good job of reducing PM<sub>2.5</sub> levels in the indoor air. However, if occupants fail to use them because of a misperception of risk, or due to a misunderstanding of their utility, solutions that automate functionality are one reasonable approach to ensure the devices are working as intended and to their full capacity. Recommendations to provide internal sensors (a feature that is currently available), default ON (user must opt-out of HAP use), and integration with outdoor air quality data are also options that could allow the HAPs to function more effectively to reduce PM<sub>2.5</sub>.

The present study collected evidence on indoor and outdoor PM<sub>2.5</sub> dynamics at different households in each of the partner cities. Generally, indoor PM<sub>2.5</sub> levels were much lower than outdoor levels. Nevertheless, indoor concentrations reflected outdoor concentrations and recurrent events of indoor PM<sub>2.5</sub> generation could often be observed that exceeded outdoor concentrations (e.g., cooking). The timing, size and periodicity of these events was found to be household specific. Participants reported dissatisfaction with many of the conditions in their homes in summer, in particular high temperatures, stillness and stuffiness of air, and insufficient control over cooling. These conditions may be affected by the use of air purifiers due to the fan-driven air. However, poor air quality persists throughout the year, and may increase in the non-heating season in naturally ventilated homes due to reduced window opening. Therefore, it is important to consider other motivations of air purifier use, or other control solutions, if air purifiers are to be used for year-round removal of particulate matter.

If occupant behaviour towards the air purifiers could be better managed to reflect indoor air pollution levels rather than thermal conditions, better HAP performance (higher and more consistent PM<sub>2.5</sub> reductions) is achievable, ultimately aiding in the mitigation of the negative health effects of exposure whilst at home.

## **Conclusions**

### **Unanswered questions and future work**

This study included questions on sleep and wellbeing at both the baseline and exit interviews to try to better understand the impact the HAPs might have. Although there were trends that indicated reported improvement in sleep quality, they did not reach statistical significance in most cases (see Supplemental Materials). Questions regarding associations between sleep quality and wellbeing remain important areas of inquiry and future work should be undertaken in this area.

As with the questions of sleep and wellbeing, additional work should be done to understand any connections between home air purifier use and improvements in health, as the evidence found in the literature remains weak. The level of reduction found in this work, and reported elsewhere, suggests that health outcomes of conditions such as asthma, lung cancer, stroke, ischemic heart disease, and chronic lung disease could be improved with consistent and long-term use of HAPs in homes. More work should be done to understand the impact of HAP use on population health and mortality.

COVID-19 has brought wider attention to issues of indoor air quality, and the use of HAPs has been an area of new interest for airborne infection control. Future research will likely include a greater focus on the design and operation of buildings that reduce the risk of infection, and HAPs could play a role in the mitigation of this risk. More research should be done across multiple settings (e.g., offices, schools) with different building ventilation system types. The work presented here could contribute to this work and provide insights into why or when people choose to operate HAPs. Indoor operating temperature should be considered when specifying any occupant-controlled device, especially when part of a critical infection control system.

This study had one of the longest study periods of any found in the literature, however additional research would benefit from a longer study period (a full year), with a greater number of participants, and a range of measured pollutants (e.g., NO<sub>2</sub> and TVOCs). That being said, the results presented here remain important due to the demonstrated adverse health impacts of PM<sub>2.5</sub>. This paper considered a study with air purifiers in homes with already low outdoor and indoor PM<sub>2.5</sub> levels and it is not known that the reported findings on air quality perception and device use hold true for areas or homes where PM<sub>2.5</sub> levels are very high. Additional studies in locations with high ambient PM<sub>2.5</sub> concentrations, as well as different climatological conditions

(e.g., in Southern Europe, North America, and South Asia), should be undertaken to better understand these relationships.

As was noted earlier in this paper, although the HAPs in this study were lent to the participants at no cost, they were still responsible for the cost of electricity. Given that even this relatively small monthly financial outlay presented a nonnegligible burden for some, the cost of acquiring a new device along with maintenance and operation may be too much of a barrier to adoption for many people. This economic reality may be especially true for areas of the world that have the worst outdoor air conditions which impact indoor air. Therefore, although these devices may provide health benefits to those that have them, a reliance upon expensive devices to mitigate poor indoor air quality could exacerbate existing inequalities globally.

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All aspects of the work involving human participants were in accordance with, and approved by, the ethical standards of the institution (University College London) and with the 1964 Helsinki declaration and its later amendments or comparable ethical standards.

## **Declaration of interest statement**

The authors from UCL, imec, and Forum Virium declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper. The authors affiliated with Philips declare the following financial interests/personal relationships which may be considered as potential competing interests: Philips manufactures portable home air purifiers and supplied the HAPs for this study. Please see author list for affiliations.

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# **Modelling the impact on mortality of using portable air purifiers to reduce PM2.5 in UK homes**

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## **Abstract**

PM2.5 concentrations can be high in homes due to contributions from outdoor sources and occupant behaviours that generate PM2.5, such as cooking and smoking. This work assessed the potential impact on mortality and life expectancy that would occur due to reductions of indoor PM2.5 in dwellings in the UK using portable air purifiers (PAPs). Reductions in indoor PM2.5 concentrations from PAP use were modelled using findings from the literature for mean PAP efficiency, mean indoor PM2.5 concentrations associated with PAP use and the relative risks associated with exposure. Life-table models were used to estimate changes to mortality from the following PM2.5-associated diseases: lung cancer, lower respiratory infection (LRI), chronic obstructive pulmonary disease (COPD), ischemic heart disease (IHD), and stroke. Different scenarios were modelled to represent a range of daily use patterns, the starting age of use and the duration of the intervention. The overall impact of the central scenario, in which PAPs were used during all hours whilst at home (15.6 hours) for the entirety of the modelled period (birth to 97 years), was to increase life expectancy in the birth cohort by, on average, 138 and 120 days for males and females, respectively, and to add more than 23 million years of life (YLG) to the UK population. When used at home, PAPs reduced indoor PM2.5 concentrations and prolonged life expectancy, but questions regarding feasibility of the intervention, occupant behaviour and social inequities remain. The estimation of the impact of use by the whole population is, however, important for informing policy and designing interventions.

## **Keywords:**

Air purifier, particulate matter, life-table model, housing, indoor air quality, health impact assessment

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## **1 Introduction**

Outdoor air pollution is recognised as a significant risk to population health, and progress has been made in the UK (and elsewhere) to improve it. Recent improvements in ambient air quality have contributed to a greater focus on the quality of the air indoors. The contribution of indoor air pollutants to total exposure from our time spent at home is substantial, as people spend more than 65% of their time there (Klepeis, 2001). It is therefore important to understand ways in which airborne pollutant levels can be reduced and to assess the impact those reductions are estimated to have on health. Concentrations of indoor air pollution, including particulate matter, can exceed health-based standards developed by the World Health Organization for both chronic and acute exposure (Logue et al., 2012). The contribution of indoor air pollution to total exposure, as well as the negative health impacts associated with exposure, has been demonstrated in past research (e.g., Weisel et al., 2005). Of noted concern, particulate matter less than 2.5 $\mu\text{m}$  in aerodynamic diameter (PM<sub>2.5</sub>) has been shown to impact multiple negative health outcomes including; cardiovascular diseases, asthma, bronchitis, premature mortality and lung cancer (Pope et al., 2020; Pope, 2002).

The adoption of technologies to mitigate indoor air pollution is increasingly common, and previous studies have considered the health benefits of different methods of



particulate filtration (Batterman et al., 2012; Fisk, 2018; Fisk & Chan, 2017). One of the most effective, and widely available, technologies to clean the surrounding air of PM<sub>2.5</sub> are portable air purifiers (PAPs) which utilise high efficiency particulate air (HEPA) filtration as the primary mechanism of air cleaning. These devices have a number of advantages over other air cleaning methods, including that they can be located in rooms where people spend most of their time (such as bedrooms), are simple to install and operate, they do not produce potentially harmful secondary pollutants, and they do not require a central air handling system. Substantial reductions in PM<sub>2.5</sub> have been reported in indoor spaces using these devices; from a low of 29% (Barn et al., 2018) to as much as 82.7% (Zhan et al., 2018) with many studies reporting reductions of approximately 50% (e.g. McNamara et al., 2017; Shao et al., 2017). However, the impact on population health from reductions in exposure through interventions with PAPs in homes has not previously been quantified. The potential benefits, as well as any drawbacks, are important to understand if policymakers and designers are to respond appropriately. In the work presented here, measured reductions in mean PM<sub>2.5</sub> concentrations in bedrooms are used to quantify the change in (cause-specific) mortality in the UK population over time that would occur from the use of PAPs in homes.

## **2 Methods**

### **2.1 Background**

Quantitative health impact assessments involve estimating future rates of mortality and morbidity under different intervention scenarios compared to what is predicted without such interventions. A commonly used approach to the assessment of changes in population mortality due to changes in the environment are life-table models (Miller

& Hurley, 2003). Life tables can be used to predict survival patterns based on changes in age-specific death rates. The tables are used to estimate years of life lost (YLL) or gained (YLG), and changes in life expectancy in the population. This type of quantification of health impact has been used to assess air pollution at national scales (COMEAP, 2010), and to assess building level changes in exposure (Hamilton et al., 2015; Milner et al., 2015).

## **2.2 Model description**

In the work presented here, life-table models were used to quantify the impacts on mortality from reductions in indoor PM<sub>2.5</sub> concentrations through the use of portable air purifiers at home.

Calculations of changes in mortality and life-expectancy were estimated based upon the life table formulae from Miller and Hurley (Miller & Hurley, 2003; Miller, 2010). The model was implemented with the open source statistical software R (R Core Team, 2018). A schematic diagram of the model inputs, structure and flow is presented in Figure 2-1. The same underlying mortality rates were assumed to apply in all future years, and birth rates were held the same as those in the starting year (2019).

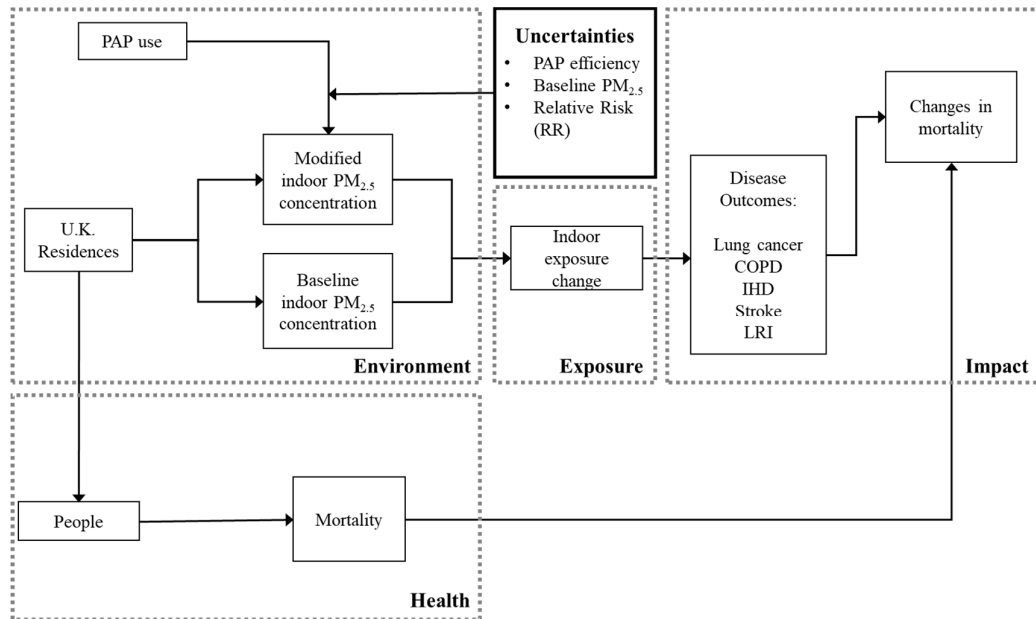


Figure 2-1 Conceptual framework for life-table calculations of the impact on mortality from portable home air purifier use.

The IOMLIFET spreadsheet tool (Miller, 2010) was used to assess the validity of the life table model used in this work. In practice, if mortality rates (all-cause and cause-specific) used in the comparison were the same, and quality-of-life weights are set to one, the life year and life expectancies of the two models should be the same. The two models showed excellent agreement ( $R^2 \sim 1$ ). Similar model agreement was found in other work that utilised similar models (Milner et al., 2015).

### 2.3 Model parameterisation

The life-table model was used to determine the benefit from the reduction of indoor PM<sub>2.5</sub> in residences in the UK from the use of portable air purifiers. The model was parameterised using population and age-specific disease and mortality data for 2019 from the Office for National Statistics (ONS, 2019). Mortality rates for causes the Global Burden of Disease (GBD) found to be associated with PM<sub>2.5</sub> were included in

the model; all-cause, lung cancer, chronic obstructive pulmonary disease (COPD), lower respiratory infection (LRI), stroke and ischemic heart disease (IHD). Age-specific all-cause and disease specific mortality rates were taken from the 2019 GBD study (data described in Murray et al., 2020).

The mean indoor pre-intervention PM<sub>2.5</sub> concentration in UK homes of 11.4 µg/m<sup>3</sup> used in the model was from a study in the UK by Lai et al. (2004). The percentage reduction of PM<sub>2.5</sub> used in the model was 52%. This percentage was the mean of the means of measured efficiencies of PAPs found in the literature (Table 2 3). A percentage reduction was used rather than an absolute reduction because it better represents the actual operation of PAPs in homes, allowed for sensitivity analysis of PAP efficiencies and provides estimates of impacts that are sensitive to pre-intervention PM<sub>2.5</sub> concentrations.

The relative risks for each cause of death (and all-cause) were from the GBD (WHO, 2019). The upper and lower confidence intervals of the RRs were calculated which allowed for the testing of impact across the range of potential risk (which will be further discussed in the next section).

Four scenarios were defined to assess the changes in mortality under different conditions, a summary of these can be found in Table 2 1. The central scenario ('All at Home') was based on measured data from 18 London flats that participated in the Quasimodo study (Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes). The mean total hours of PAP use by all participants in the Quasimodo study was 15.6 hours/day (Cooper et al., 2021). 'All at Home' examined the impacts on the current UK population, including all ages from birth upwards, for the 97-year study period. Further scenarios were used to examine

differences in impact that could result from different periods of daily and lifetime PAP use. Two scenarios, ‘All Sleep’ and ‘65+ Sleep’, modelled the use of PAPs only during sleeping hours as use in bedrooms was described in Cooper et al. (2021). Night-time use assumed that the occupants were in the same room as the PAP the entire time, thereby reducing some uncertainty from the model. The ‘65+ scenarios (‘65+ at Home’ and ‘65+ Sleep’) selected only those in the population 65 and older to reflect evidence from another study that found the health benefits of PAPs were highest, relative to the costs, for this age group (Fisk & Chan, 2017).

Table Summary of different modelled scenarios, including baseline PM2.5 concentration, PAP use and duration of intervention.

|   | <b>All at Home<br/>(central<br/>scenario)</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
|---|---|------------------|------------------|--------------------|
| PM <sub>2.5</sub> concentration indoors (µg/m <sup>3</sup> ) <sup>a</sup> | 11.4  | 11.4             | 11.4             | 11.4               |
| PAP use (hours/day)   | <sup>b</sup> 15.6                             | 8                | 8                | 21.6               |
| Duration of use (years)   | 97  | 97               | 33               | 33                 |
| Starting age  | birth   | birth            | ≥65y.o.          | ≥65y.o.            |

<sup>a</sup> Monitored mean indoor PM2.5 concentration from (Lai et al., 2004)

<sup>b</sup> Monitored mean daily PAP use from Cooper et al. (2021)

Findings from COMEAP (2010) showed that the use of a lag between the intervention that reduces PM2.5 concentrations and changes in health outcomes (i.e., cessation lag) made relatively little difference to the lifetable results over the long-term. Therefore, the model used in the work described here does not include a cessation lag.

## 2.4 Uncertainty analysis

Three further analyses were run to assess key uncertainties in the model, and to gain a better understanding of the sensitivity of the model to parametric changes. A summary of these tests is shown in Table 2 2.

Table Summary of model inputs analysed for uncertainty and sensitivity.

|  | <b>PAP Efficiency</b>         | <b>Relative Risk</b>          | <b>Pre-intervention indoor PM<sub>2.5</sub> concentration (µg/m<sup>3</sup>)</b> |
|--|-------------------------------|-------------------------------|--|
| <b>Central Scenario</b>  | Mean                          | Mean                          | <sup>d</sup> 11.4  |
| <b>Test 1:</b> PAP efficiency distribution                             | Mean, Min., Max. <sup>a</sup> | Mean                          | <sup>d</sup> 11.4  |
| <b>Test 2:</b> Coefficient of risk distribution                        | Mean                          | Mean, Min., Max. <sup>b</sup> | <sup>d</sup> 11.4  |
| <b>Test 3:</b> Pre-intervention indoor PM <sub>2.5</sub> concentration | Mean                          | Mean                          | 6.6 <sup>c</sup> and 18.8 <sup>d</sup> <sup>e</sup>                              |

<sup>a</sup> See **Error! Reference source not found.** for a summary of PAP efficiencies from the literature

<sup>b</sup> Lower and upper confidence bounds, and means, of relative risk from (WHO, 2019)

<sup>c</sup> Measured mean in 18 east London flats (Cooper et al., 2021a)

<sup>d</sup> Lai et al. (2004)

<sup>e</sup> Shrubsole et al. (2012)

#### 2.4.1 Test 1: PAP efficiency

The first analysis (Test 1) tested the effect that varying the efficiency of PAP had on the modelled impacts. The measured range of PM<sub>2.5</sub> reduction efficiencies of PAPs in real-world conditions reported in the literature (Table 2 3) were used in all four modelled scenarios. These efficiencies ranged from a low of a 29% reduction in indoor PM<sub>2.5</sub> to a high of 82.7%. Although the range was relatively large, the majority of studies, and the results from the Quasimodo study, clustered around a 50% reduction.

Table 2 3 Summary of studies on the effects of portable air purifier use on the reduction on PM2.5 in residences.

| <b>First author<br/>(publication year)<br/>country</b> | <b>Study design, sample size,<br/>characteristics</b>                         | <b>Study<br/>duration</b> | <b>Indoor PM<sub>2.5</sub> concentration (µg/m<sup>3</sup>); mean or<br/>median, SD during intervention and control; %<br/>reduction</b> | <b>% Reduction<br/>in PM<sub>2.5</sub></b> |
|--|---|---------------------------|--|--|
| Allen (2011) Canada                                    | Randomised crossover trial,<br>25 homes, non-smokers                          | 7 days                    | Mean ±SD (p-value): control: 11.2 ± 6.1 (<0.01)<br>Intervention: 4.6 ± 2.6 (<0.01) %reduction: 58.9                                      | 58.9                                       |
| Barn et al. (2008)<br>Canada                           | Randomised crossover trial,<br>32 homes, non-smokers                          | 2 days                    | Mean ±SD (p-value): control: 6.7 ± 20.7 (<0.01)<br>Intervention: 4.2 ± 7.3 (<0.01) %reduction: 37.3                                      | 37.3                                       |
| Barn et al. (2018)<br>Mongolia                         | Randomised controlled trial,<br>512 pregnant adults, non-<br>smokers          | 7 days                    | GM (95%CI): control: 24.5 (22.2, 27.0)<br>Intervention: 17.3 (15.8, 18.8) %reduction 29.0  | 29.0                                       |
| Brauner et al. (2008)<br>Denmark                       | Randomised crossover trial,<br>21 homes, non-smokers                          | 2 days                    | GM (95%CI): control: 12.6 (11.2, 14.1)<br>Intervention: 4.6 (3.5,6) %reduction 63.5  | 63.5                                       |
| Brehmer et al. (2019)<br>China                         | Randomised crossover trial,<br>43 children                                    | 14 days                   | Mean ±SD (p-value): control: 34 ± 17 (<0.01)<br>Intervention: 15 ± 9.6 (<0.01) %reduction: 63.5  | 63.5                                       |
| Brehmer et al. (2020)<br>China                         | Randomised crossover trial,<br>43 children                                    | 14 days                   | Median (IQR), (p-value): Control 30 (19)<br>Intervention: 13 (15) (<0.05) %reduction: 55.9   | 55.9                                       |
| Butz (2011) USA  | Randomised 3-arm<br>controlled trial, 126 children<br>with asthma with smoker | 7 days                    | Mean ±SD (p-value): control: 38.9 ± 25.0 (<0.01)<br>Intervention: 17.9 ± 15.2 (<0.01) %reduction: 54.0                                   | 54.0                                       |
| Cheng et al. (2016)<br>USA                             | Randomised controlled trial,<br>8 homes, non-smokers                          | 12 weeks                  | 5- min aggregated median/mean (p-value):<br>control: 5.2/6.1 Intervention: 2.6/4.0 (<0.001)<br>%reduction: 37.0                          | 37.0                                       |

|                                     |   |          |   |  |
|-------------------------------------|---|----------|---|--|
| Cooper et al. (2021a)<br>UK         | Randomised crossover trial,<br>18 households                          | 6 months | Median: 6.6   | 45.0   |
| Cox et al. (2018) USA               | Randomised controlled<br>crossover trial, 43 homes<br>near major road | 4 weeks  | Median (p-value): control baseline: 9.6 Control<br>filter: 8.2 Intervention baseline: 7.6 Intervention<br>filter: 3.4, (0.0125) %reduction: 58.5  | 58.5   |
| Eggleston et al. (2005)<br>USA      | Randomised controlled trial,<br>97 children with asthma               | 72 hours | Median (IQR), (p-value): Control 30 (20-45)<br>Intervention: 24 (10-43) (<0.001) %reduction:<br>36.8  | 36.8   |
| Huang et al. (2020)<br>USA          | Randomised crossover trial,<br>6 homes, non-smokers                   | 21 days  | Mean $\pm$ SD (p-value): control: 14.2 $\pm$ 20.9 (<0.01)<br>Intervention: 8.5 $\pm$ 8.3 (<0.01) %reduction: 41.6   | 41.6   |
| James et al. (2019)<br>USA          | Randomised crossover trial,<br>37 homes near major road               | 2 days   | Median (range), (p-value): Control baseline: 10.4<br>(0.6-53.2) control filter: 7.8 (<LOD-37.9)<br>intervention baseline: 12.0 (0.3-80.9) intervention<br>filter: 4.5 (1.1-18.0) (<0.0125) %reduction 62.5        | 62.5   |
| Kajbafzadeh et al.<br>(2015) Canada | Randomised controlled trial,<br>44 homes, non-smokers                 | 7 days   | Median/mean $\pm$ SD: control: 7.5/7.1 $\pm$ 6.1<br>intervention: 3.7/4.3 $\pm$ 2.6 %reduction: 40.0  | 40.0   |
| Karotki (2013)<br>Denmark           | Randomised controlled trial,<br>27 homes, non-smokers                 | 14 days  | Median (5th-95th percentile): Living room:<br>control: 8 (3.4, 20.7) intervention: 4.3 (0.2, 12.2)<br>Bedroom control: 7.6 (1.4, 19.2) intervention: 3.7<br>(1, 14) %reduction: Living room:46.3 Bedroom:<br>51.3 | 51.3   |
| Liu et al. (2018b)<br>China         | Randomised crossover trial,<br>20 homes, non-smokers                  | 14 days  | Mean $\pm$ SD: control: 58.24 $\pm$ 52.74 Intervention:<br>37.99 $\pm$ 45.89 %reduction: 34.8   | 34.8   |
| Maestas et al. (2019)<br>USA        | Randomised crossover trial,<br>40 homes, non-smokers                  | 3 days   | Mean $\pm$ SD, (range) (p-value): control: 17.5 $\pm$ 16.9<br>(4.1-117.5) LE: 8.4 $\pm$ 5.4 (1.3-39.5) HE: 7.0 $\pm$ 4.5<br>(1.1-30.8) (<0.001) %reduction: LE: 52.0 HE:<br>60.0                                  | Low efficiency:<br>52.0 High<br>Efficiency: 60.0 |



|                                  |  |                   |   |  |
|----------------------------------|--|-------------------|---|--|
| McNamara et al. (2017) USA       | Randomised controlled trial, 48 homes, wood stoves               | 5 months          | Medina (range): control baseline: 19.8 (6.0, 101.9) Control filter: 22.0 (2.4, 163.2) intervention baseline: 15.7 (6.1, 63.1) intervention filter: 5.7 (0.7, 65.6) %reduction: 66.0 | 66.0                                       |
| Morishita et al. (2018) USA      | Randomised crossover trial, 40 homes, non-smokers                | 3 days            | Median/mean $\pm$ SD: control: 13.1/17.5 $\pm$ 13 LE: 7.8/8.4 $\pm$ 3.9 HE: 6.0/7.1 $\pm$ 3.5 %reduction: LE: 52.0 HE:60.0  | Low efficiency: 52.0 High Efficiency: 60.0 |
| Park et al. (2017) USA           | Randomised crossover trial, 16 homes                             | 12 weeks          | Mean $\pm$ SEM (p-value): Baseline: 7.42 $\pm$ 1.42 week 6 intervention: 4.76 $\pm$ 0.65 week 12 intervention: 4.28 $\pm$ 0.81 (p<0.001) %reduction: 43.0                           | 43.0                                       |
| Rice et al. (2018) USA           | Unmasked trial, 82 participants, smoke in home                   | 5 weeks           | Median (IQR), (p-value): pre-intervention: 31 (17, 63) post-intervention: 17 (10,35), (<0.001) % reduction: 45.0  | 45.0                                       |
| Shao et al. (2017) China         | Randomised crossover trial. 20 homes, non-smokers                | 14 days           | Mean $\pm$ SD (p-value): 10-day average: control: 60 $\pm$ 45 intervention: 24 $\pm$ 15 (<0.01) %reduction: 10-day average: 60.0  | 60.0                                       |
| Spilak et al. (2014) Denmark     | Randomised crossover trial, 28 homes                             | 14 days           | Mean (95% CI): control bedroom: 8.33 (6.72-9.93) control living: 8.32 (6.95-9.69) intervention bedroom: 4.74 (3.53-6.68) intervention living: 4.48 (3.35-6.06) %reduction: 54.5     | 54.5                                       |
| Ward et al. (2017) USA           | Randomised controlled crossover trial, 98 homes with wood stoves | 5 months (winter) | Median (range): Control baseline:16.1 (3.9, 508.2) control filter: 16.9 (2.4, 163.2) intervention baseline: 17.1 (6.1, 163.1) intervention filter: 6.5 (0.7, 65.6) %reduction: 68.0 | 68.0                                       |
| Weichenthal et al. (2013) Canada | Randomised crossover trial. 37 participants                      | 7 days            | Median/mean $\pm$ SD: Control: 42.5/61.0 $\pm$ 64 intervention 22.0/30.0 $\pm$ 30 %reduction: 50.8  | 50.8                                       |

|                                 |   |         |  |      |
|---------------------------------|---|---------|--|------|
| Wheeler et al. (2014)<br>Canada | Randomised crossover trial,<br>31 homes       | 3 days  | Gravimetric median (min-max): Control 3.87<br>(0.37-30.19) intervention: 1.92 (0.35-11.28)<br>%reduction: 52.0 | 52.0 |
| Zhan et al. (2018)<br>China     | Randomised crossover trial,<br>6 participants | 4 weeks | Mean: control: 49.0 intervention: 8.47<br>%reduction: 82.7   | 82.7 |

#### **2.4.2 Test 2: Upper and lower 95% confidence interval limits of RR**

Recognising that the exposure-response function per change in PM<sub>2.5</sub> could introduce uncertainty into the model, the second part of the testing (Test 2) examined the effect of using the upper and lower values from the 95% confidence intervals from the distribution of the RRs derived from the 2019 Global Burden of Disease. This test was in line with the recommendations for sensitivity analysis made by COMEAP (2010).

#### **2.4.3 Test 3: mean pre-intervention indoor PM<sub>2.5</sub> concentration**

Test 3 investigated the effect of the mean starting (i.e., pre-intervention) concentration of indoor PM<sub>2.5</sub> on changes in mortality estimates. The model used percentage reduction of PM<sub>2.5</sub> to measure efficiencies of PAPs, rather than absolute reductions, as described in the methods. Therefore, effects on mortality were expected to be approximately linearly proportional to the change in starting concentration. That is, a starting concentration of 9.4 µg/m<sup>3</sup> would generate roughly half the impact that would be seen with a starting concentration of 18.8 µg/m<sup>3</sup>, all things being otherwise equal. Given this assumption, modelling different starting concentrations provided a reliable and simple means of testing the functionality of the model whilst also providing useful metrics to compare mortality across a range of IAQ conditions likely to be present in real dwellings.

Each scenario was modelled with three different pre-intervention indoor PM<sub>2.5</sub> concentrations. In addition to the concentration of 11.4 µg/m<sup>3</sup> used in the main analysis, a higher concentration of 18.8 µg/m<sup>3</sup> was used, based on modelling of the domestic stock in London using an ambient PM<sub>2.5</sub> concentration of 9.0 µg/m<sup>3</sup> (close to the current mean ambient levels in the UK) (Shrubsole et al., 2012). The low pre-intervention concentration of 6.6 µg/m<sup>3</sup> was the mean concentration measured in

London flats in the Quasimodo study (Cooper et al., 2021). A summary of modelled and measured indoor PM<sub>2.5</sub> can be found in Table 2 4.

Table 2 4 Summary of findings reported from modelling and monitoring studies of indoor PM<sub>2.5</sub> in UK domestic buildings.

| <b>First author (publication year)</b> | <b>Study design, characteristics</b>   | <b>Indoor PM<sub>2.5</sub> concentration (µg/m<sup>3</sup>)</b>   |
|--|--|---|
| Shrubsole et al. (2012)                | Modelled with CONTAM, non-smoking      | AM <sup>1</sup> : 28.4 (present day outdoor PM <sub>2.5</sub> concentrations) AM <sup>1</sup> : 18.8 (2050 outdoor PM <sub>2.5</sub> projections) |
| Hamilton et al. (2015)                 | CONTAM, standardised indoor in England | AM <sup>1</sup> : 17.8 (SD: 0.7)  |
| Lai et al. (2004)                      | Monitoring in Oxford, UK               | GM <sup>2</sup> : 11.4 GSD <sup>3</sup> : 2.4   |
| Cooper et al. (2021a)                  | Monitoring in London, UK               | AM <sup>1</sup> : 6.6   |

<sup>1</sup>AM = Arithmetic mean

<sup>2</sup>GM: Geometric mean

<sup>3</sup>GSD: Geometric standard deviation

## 2.5 Model outputs

The life-table models described here provided estimations of the differences in mortality between a mean pre-intervention concentration of PM<sub>2.5</sub> indoors in homes in the UK of 11.4 µg/m<sup>3</sup>, against alternative scenarios that utilised PAPs to reduce indoor levels. The model calculated changes for all combinations of age (in 5-year increments), by gender, and calendar year. Changes to life expectancy at birth were estimated based upon the calculated YLG divided across the whole population. Permanent changes in hazards (i.e., reductions in indoor PM<sub>2.5</sub> exposure) are expected to confer benefits every year into the future. However, it is typical in health models to discontinue the accumulation of benefit at some point due to greater and greater

uncertainties about future conditions. In the work presented here, that point is 97 years from the start (2019), at a time that most in the first birth cohort have reached zero survival.

### **3 Results**

Results from the monitoring campaign in London (Quasimodo) of indoor PM<sub>2.5</sub> concentrations and typical daily PAP use that informed the parameterisation and testing of the health impact model are described in detail in Cooper et al. (2021). The estimated impact on mortality and life-expectancy is reported for each modelled scenario in the following section, followed by the findings of the sensitivity and uncertainty analyses.

#### **3.1 Quantification of health impact**

The central scenario, ‘All at Home’, modelled the use of PAPs by the whole UK population for 15.6 hours/day (time at home). This scenario increased the number of years of life (YLG) in the UK by roughly 23 million YLG over the modelled period (97 years beginning in 2019). This YLG translates to an additional 138 and 120 days of life expectancy for males and females, respectively. The ‘All Sleep’ scenario led to over 12 million YLG and 71 and 62 days gained for males and females, respectively. The ‘All 65+ and ‘65+ Sleep’ scenarios resulted in only about 25% and 10% of the YLG compared with the central scenario (5.8 and 2.2 million YLG), respectively. These findings are approximately representative of the portion of the population that is above age 65, and the shorter duration of the intervention compared to the central scenario. A summary of the findings for all scenarios can be found in Table 3 1.

Table 3-1 Summary of life-table model results for the baseline case (mean RRs, mean PAP efficiency, starting PM2.5 concentration 11.4 µg/m<sup>3</sup>)

| <b>Outcome</b>                     | <b>Population</b> | <b>All at Home (central scenario)</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
|------------------------------------|-------------------|---------------------------------------|------------------|------------------|--------------------|
| Average years of life gained (YLG) | male              | 12,427,646                            | 6,385,418        | 1,150,070        | 3,023,585          |
|                                    | female            | 11,140,862                            | 5,725,708        | 1,066,704        | 2,801,626          |
|                                    | Total             | 23,568,509                            | 12,111,126       | 2,216,774        | 5,825,211          |
| Average days gained                | male              | 138                                   | 71               | 13               | 34                 |
|                                    | female            | 120                                   | 62               | 12               | 30                 |

Irrespective of the scenario, the distribution of deaths amongst the five causes of death remains unchanged, differing only slightly between males and females, but remaining proportional to the differences in the disease-specific mortality rates between the sexes within the UK population. The contribution of each disease outcome to total all-cause (PM2.5 attributable) deaths is presented in Table 3-2.

Table 3-2 Distribution of disease-specific deaths for males and females in the UK

| <b>Cause of death</b> | <b>Percentage of attributable deaths (Males)</b> | <b>Percentage of attributable deaths (Females)</b> |
|-----------------------|--|--|
| Lung cancer           | 3%   | 1%   |
| LRI                   | 28%  | 27%  |
| COPD                  | 7%   | 9%   |
| IHD                   | 32%  | 28%  |
| Stroke                | 29%  | 35%  |
| Total                 | 100%   | 100%   |

## 3.2 Sensitivity and uncertainty analyses

### 3.2.1 Test 1: PAP efficiency

Several tests were run to assess the sensitivity of the parameters defined in the scenarios. In the first test the PM2.5 reduction efficiency of the PAPs was tested, all other scenario parameters remained unchanged from the baseline model. Two reduction efficiencies were modelled, a low efficiency PAP (29%) and a high efficiency PAP (82.7%). The effect on mortality from the low efficiency PAP was approximately 12 million YLG for the baseline scenario, compared to a maximum of more than 34 million YLG for the high efficiency PAP. These model results translate to average days gained in the low efficiency situation of 75 for males and 65 for females. In contrast, the high efficiency PAPs would add 201 days for males and 175 days for females. The test suggests that the relationship between reduction efficiency, or absolute reduction in PM2.5 was nearly, but not quite, linear. A summary of Test 1 results for all scenarios is shown in Table 3 3 and Table 3 4.

Table 3-3 Test 1, sensitivity to a reduction in air purifier efficiency modelled for all scenarios using the baseline starting concentration and RRs with a **low** PAP reduction efficiency of 29%.

**Test 1: Low PAP efficiency (29%), Mean RRs, all-cause mortality**

| <b>Outcome</b>                     | <b>Population</b> | <b>All at Home</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
|------------------------------------|-------------------|--------------------|------------------|------------------|--------------------|
| Average years of life gained (YLG) | male              | 6,732,391          | 3,340,993        | 601,379          | 1,778,332          |
|                                    | female            | 6,036,729          | 2,996,454        | 557,911          | 1,651,856          |
|                                    | Total             | 12,769,120         | 6,337,447        | 1,159,290        | 3,430,187          |
| Average days gained                | male              | 75                 | 37               | 7                | 20                 |
|                                    | female            | 65                 | 32               | 6                | 18                 |

Table 3-4 Test 1, sensitivity to an increase in air purifier efficiency modelled for all scenarios using the baseline starting concentration and RRs with a **high** PAP reduction efficiency of 82.7%.

**Test 1: High PAP efficiency (82.7%), Mean RRs, all-cause mortality**

| <b>Outcome</b>                     | <b>Population</b> | <b>All at Home</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
|------------------------------------|-------------------|--------------------|------------------|------------------|--------------------|
| Average years of life gained (YLG) | male              | 18,122,902         | 9,429,842        | 1,698,762        | 4,268,839          |
|                                    | female            | 16,244,995         | 8,454,962        | 1,575,496        | 3,951,396          |
|                                    | Total             | 34,367,897         | 17,884,804       | 3,274,258        | 8,220,234          |
| Average days gained                | male              | 201                | 104              | 19               | 47                 |
|                                    | female            | 175                | 91               | 17               | 43                 |

*3.2.2 Test 2: Upper and lower 95% confidence interval limits of RR*

Due to the, often large, differences between the upper and lower confidence limits of the GBD RRs, this parameter has a substantial impact on mortality effects (Table 3 5). In the case of scenario ‘All at Home’, the difference between the lower and upper limits of the RR for all-cause mortality is more than 26 million YLG, twice the results of the central finding (23 million). This translates to a difference in the average additional life expectancy for males in the UK of 58 days vs. 211 days for the lower and upper limits, respectively. While for females the lower limit of the 95% CI of RRs results in 51 days extra average life expectancy and more than 183 days for the upper limit.



Table 3-5 Test 2: effect of changes in relative risks using the upper and lower 95% CIs from the GBD.

| <b>Scenario</b> | <b>RR (95% CI upper and lower)</b> | <b>LYG male</b> | <b>LYG female</b> | <b>LYG total pop.</b> |
|-----------------|------------------------------------|-----------------|-------------------|-----------------------|
| All at Home     | lower                              | 5,199,315       | 4,766,868         | 9,966,183             |
|                 | mean                               | 12,427,646      | 11,140,862.2      | 23,568,509            |
|                 | upper                              | 19,101,247      | 17,011,072        | 36,112,318.9          |
| All Sleep       | lower                              | 3,488,054       | 3,215,593         | 6,703,646             |
|                 | mean                               | 6,385,418       | 5,725,708         | 12,111,126            |
|                 | upper                              | 9,499,523       | 8,466,178         | 17,965,700            |
| 65+ Sleep       | lower                              | 634,899         | 604,546           | 1,239,444             |
|                 | mean                               | 1,150,070       | 1,066,704         | 2,216,774             |
|                 | upper                              | 1,702,346       | 1,570,852         | 3,273,198             |
| 65+ at Home     | lower                              | 1,079,418       | 1,010,350         | 2,089,769             |
|                 | mean                               | 3,023,585       | 2,801,626         | 5,825,211             |
|                 | upper                              | 4,755,453       | 4,381,854         | 9,137,307             |

### 3.2.3 Test 3: mean pre-intervention indoor PM2.5 concentration

The final test of the model generated results based on different starting (pre-intervention) concentrations of indoor PM2.5. The lowest starting concentration modelled was 6.6 µg/m<sup>3</sup> and the highest was 18.8 µg/m<sup>3</sup>. The YLG for the pre-intervention concentration of 6.6 µg/m<sup>3</sup> was just under 11 million, whilst for 18.8 µg/m<sup>3</sup> the YLG was almost 37 million. A summary of all the scenarios modelled with these pre-intervention PM2.5 concentrations can be seen in Table 3 6.

Table 3-6 Summary of findings from different pre-intervention PM<sub>2.5</sub> concentrations (6.6 µg/m<sup>3</sup> top and 18.8 µg/m<sup>3</sup> bottom).

| <b>Baseline PM<sub>2.5</sub> concentration 6.6 µg/m<sup>3</sup></b> |                   |                    |                  |                  |                    |
|---|-------------------|--------------------|------------------|------------------|--------------------|
| <b>Outcome</b>  | <b>Population</b> | <b>All at Home</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
| <b>Average years of life gained (YLG)</b>                           | male              | 5,733,909          | 3,226,968        | 582,763          | 1,292,599          |
|   | female            | 5,111,198          | 2,883,609        | 538,704          | 1,188,735          |
|   | Total             | 10,845,107         | 6,110,577        | 1,121,467        | 2,481,334          |
| <b>Average days gained</b>  | male              | 63                 | 36               | 6                | 14                 |
|   | female            | 55                 | 31               | 6                | 13                 |

| <b>Baseline PM<sub>2.5</sub> concentration 18.8 µg/m<sup>3</sup></b> |                   |                    |                  |                  |                    |
|--|-------------------|--------------------|------------------|------------------|--------------------|
| <b>Outcome</b>   | <b>Population</b> | <b>All at Home</b> | <b>All Sleep</b> | <b>65+ Sleep</b> | <b>65+ at Home</b> |
| <b>Average years of life gained (YLG)</b>                            | male              | 19,350,912         | 9,677,814        | 1,737,871        | 4,880,103          |
|  | female            | 17,416,358         | 8,723,828        | 1,620,836        | 4,539,975          |
|  | Total             | 36,767,270         | 18,401,643       | 3,358,707        | 9,420,078          |
| <b>Average days gained</b>   | male              | 214                | 107              | 19               | 54                 |
|  | female            | 188                | 94               | 17               | 49                 |

## 4 Discussion

The work presented here provides new insights into the potential effects on mortality from the widespread use of PAPs in UK homes. Given what is currently known about the efficiency of PAPs, (see Table 2 4 for a list and descriptions of some of the relevant studies), it is reasonable to expect that when they are operated and maintained properly, reductions in indoor PM<sub>2.5</sub> of approximately 50% can be achieved. A reduction in exposure of this scale would have considerable impact on PM<sub>2.5</sub>-related mortality, and lead to meaningful increases in life expectancy. For the central scenario, the reduction in PM<sub>2.5</sub> led to over 23 million YLG, and 138 additional days of life expectancy for males and 120 for females from the birth cohort. If PM<sub>2.5</sub> removal efficiency was increased to the highest reported (82.7%), the mortality effect was over

34 million YLG, and an additional 200 and 175 days of life expectancy for males and females, respectively. When the upper limits of the RRs were used in the model, the total YLG for 'All at Home' rose to over 36 million, illustrating the significance of these exposure-response functions in accurate estimations of effect. Perhaps unsurprisingly, the benefits of PAP use are proportional to several factors including, the pre-intervention concentration, the total years used and duration of daily use.

The magnitude of the modelled impacts on mortality presented here are in general agreement with work that achieved reductions in PM<sub>2.5</sub> in other ways (e.g., mechanical ventilation with filtration, or sealing of the building envelope). One such study estimated the overall impact of energy efficiency upgrades in UK homes and found that for an average PM<sub>2.5</sub> reduction of 3 µg/m<sup>3</sup> there was an increase in life expectancy of two to three months (Milner et al., 2015). Another study of improved energy efficiency and ventilation of homes in England found that with a 53% reduction in PM<sub>2.5</sub> (-4.8 µg/m<sup>3</sup> mean) the net health impact was an increase of over 2,000 QALYs per 10,000 persons over 50 years of follow-up (Hamilton et al., 2015)

This is the first study to estimate the potential health benefits of PAP use at the national scale. We used a widely applied method for health impact quantification and parameterised our models with data from the best available sources:

- Indoor PM<sub>2.5</sub> exposures and PAP efficiencies obtained from reviewing the literature and selecting the most appropriate studies for the setting.
- Exposure-response functions from the GBD. The evidence on the mortality impact of long-term PM<sub>2.5</sub> exposure is robust and widely accepted as causal. Exposure-response functions are regularly updated as additional data becomes available, and therefore some uncertainty can be introduced. However, the GBD

functions include one of the largest datasets from a diversity of settings and populations.

Health modelling provides an attractive and useful method of evaluating the impact of interventions on population health. However, the reliability of the results is subject to the accuracy of available sources of information, and the ability to add scientific credibility when those sources are uncertain. For this work, one source of uncertainty was the mean residential indoor PM<sub>2.5</sub> level in the UK. Average concentrations are likely to vary widely across the housing stock due to several, poorly characterised, factors, such as occupant behaviours and ventilation type. The mean indoor PM<sub>2.5</sub> pre-intervention concentrations used in the model were from monitoring by Lai et al. (2004) completed in Oxford, UK. The measured mean annual outdoor PM<sub>2.5</sub> concentration in that study was 6.2 µg/m<sup>3</sup>, lower than the annual UK mean (8.1 µg/m<sup>3</sup>) (Department for Environment Food & Rural Affairs, 2021). Therefore, the measured indoor concentration may not be fully representative of the entire UK housing stock. However, modelling of both higher and lower pre-intervention concentrations provided reasonable bounds for potentially variable conditions across the UK.

Occupant behaviour is also likely to be one of the most significant factors in both the potential for the generation of, and exposure to, indoor PM<sub>2.5</sub>. Time-activity patterns are poorly characterised and are expected to vary widely by age, location, SES, etc. In addition to the potential impacts from occupant behaviours such as cooking or smoking in homes, actual PAP operating behaviours are not well studied, and improper or inadequate use could have a substantial effect on the ability of the device to reduce PM<sub>2.5</sub>. Future research investigating how, when, and why, PAPs are used in actual homes would help close some of these gaps in our knowledge. Our central scenario

represents an ambitious level of PAP implementation in the UK. It is unlikely that the entire population of the UK (or of any country) could own, and properly operate, PAPs whilst at home for the entirety of their lives. However, the estimation of the impact of use by the whole population for a lifetime is important for establishing a baseline that can inform policymakers and designers.

Although it is widely recognised that there exists PM2.5-associated mortality and morbidity, there is debate about the distribution of severity and mechanism of impact. The modelling carried out for this work was based upon averages, and therefore cannot provide information on specific impacts and associated inequalities. Additionally, whether PM2.5 from different sources and, therefore, in different locations, has different impacts on health outcomes is still largely unknown. This gap in our understanding brings additional uncertainties to the health impact modelling.

This work does not consider morbidity associated with diseases linked to PM2.5 exposure, although this is likely to be considerable as many of these disease (e.g., COPD) can have effects years before death. The work presented here focusses solely on the mortality effects as this provides critical information for assessing risk. However, future work that captures the wider impacts to health should be undertaken. Asthma, especially in children, is of significant concern, and a recent asthma death attribution lawsuit in London (Dyer, 2020) could have implications for policy around PM2.5. The potential benefits from the use of PAPs in homes on asthma incidence should be explored. In addition to asthma, morbidities associated with PM2.5 exposure should be included in future modelling. The total impact to quality of life, as well as the economic implications, due to mortality and morbidity effects of indoor PM2.5 are

important tools for policymakers to determine the appropriate levels and types of interventions.

Recent research into risks of exposure to poor indoor air quality indicates that the people who may benefit the most from interventions with PAPs, those with vulnerabilities related to age, pre-existing health conditions, housing conditions, access to interventions, etc., may be those least likely to have the economic means to afford PAPs (Ferguson et al., 2020; Ferguson et al., 2021). The examination of social inequities with regard to environmental exposures is critical to the effective management of risk and should be explored further in the context of PAPs. Understanding these inequities in countries where the ambient air quality is good, or improving, and where the economic means exist that could address inadequacies in the domestic building stock is important. Of equal importance is research in places where ambient levels of PM<sub>2.5</sub> are much higher, air quality regulations may be less stringent (or non-existent), the quality of housing is poor, and where the distribution of wealth is grossly uneven. Investigating issues of just and equitable access to technologies that can improve IAQ, and reduce PM<sub>2.5</sub>-associated mortality is an important area of future work.

Another issue that is worth considering is if the reliance on individual households' of PAPs to address population-level PM<sub>2.5</sub> exposures could lead to mitigation deterrence. That is, laying the burden of improving IAQ at the level of the individual could disincentivise structural changes that need to be made in policy and at scale to reduce indoor exposures for all people. For example, the provision of housing with adequate ventilation, or improvements to ambient air quality. A parallel can be made

with the issues of excess winter deaths from cold and how that led to paying for extra fuel rather than solving the underlying housing problems (Balfour & Allen, 2014).

## **5 Conclusion**

The results presented here indicate that using PAPs at scale could provide considerable health benefits by reducing indoor PM<sub>2.5</sub> exposure in the UK. The higher the pre-intervention indoor concentration of PM<sub>2.5</sub> the more substantial the benefit to life expectancy (and potentially other measures of health and quality of life). Recommendations for interventions to reduce PM<sub>2.5</sub> should be targeted at those homes most likely to have the highest indoor PM<sub>2.5</sub> levels due to location and building characteristics (e.g., older and/or poorly maintained structures) to impart the greatest benefit to population health and mortality. In places where concerted and collaborative efforts by policymakers, designers, industry and environmental agencies cannot alone reduce indoor PM<sub>2.5</sub>, PAP use at home is an effective strategy to reduce mortality from PM<sub>2.5</sub> exposure and increase life expectancy.

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## **Appendix B Particulate matter risk curves**

## Lung Cancer

| CAUSE       | AGE    | PM25 | RR AVG | RR LOW | RR HIGH |
|-------------|--------|------|--------|--------|---------|
| LUNG CANCER | AllAge | 0.00 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.10 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.20 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.30 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.40 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.50 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.60 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.70 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.80 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 0.90 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.00 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.10 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.20 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.30 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.40 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.50 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.60 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.70 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.80 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 1.90 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.00 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.10 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.20 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.30 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.40 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.50 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.60 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.70 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.80 | 1      | 1      | 1       |
| LUNG CANCER | AllAge | 2.90 | 1      | 1      | 1.001   |
| LUNG CANCER | AllAge | 3.00 | 1      | 1      | 1.003   |
| LUNG CANCER | AllAge | 3.10 | 1      | 1      | 1.004   |
| LUNG CANCER | AllAge | 3.20 | 1      | 1      | 1.006   |
| LUNG CANCER | AllAge | 3.30 | 1.001  | 1      | 1.008   |
| LUNG CANCER | AllAge | 3.40 | 1.001  | 1      | 1.01    |
| LUNG CANCER | AllAge | 3.50 | 1.001  | 1      | 1.011   |
| LUNG CANCER | AllAge | 3.60 | 1.001  | 1      | 1.013   |
| LUNG CANCER | AllAge | 3.70 | 1.001  | 1      | 1.014   |
| LUNG CANCER | AllAge | 3.80 | 1.002  | 1      | 1.016   |
| LUNG CANCER | AllAge | 3.90 | 1.002  | 1      | 1.017   |
| LUNG CANCER | AllAge | 4.00 | 1.002  | 1      | 1.019   |
| LUNG CANCER | AllAge | 4.10 | 1.002  | 1      | 1.021   |
| LUNG CANCER | AllAge | 4.20 | 1.003  | 1      | 1.022   |
| LUNG CANCER | AllAge | 4.30 | 1.003  | 1      | 1.024   |

|             |        |      |       |   |       |
|-------------|--------|------|-------|---|-------|
| LUNG CANCER | AllAge | 4.40 | 1.004 | 1 | 1.026 |
| LUNG CANCER | AllAge | 4.50 | 1.004 | 1 | 1.027 |
| LUNG CANCER | AllAge | 4.60 | 1.005 | 1 | 1.029 |
| LUNG CANCER | AllAge | 4.70 | 1.005 | 1 | 1.031 |
| LUNG CANCER | AllAge | 4.80 | 1.006 | 1 | 1.032 |
| LUNG CANCER | AllAge | 4.90 | 1.006 | 1 | 1.034 |
| LUNG CANCER | AllAge | 5.00 | 1.007 | 1 | 1.036 |
| LUNG CANCER | AllAge | 5.10 | 1.007 | 1 | 1.038 |
| LUNG CANCER | AllAge | 5.20 | 1.008 | 1 | 1.039 |
| LUNG CANCER | AllAge | 5.30 | 1.009 | 1 | 1.041 |
| LUNG CANCER | AllAge | 5.40 | 1.009 | 1 | 1.042 |
| LUNG CANCER | AllAge | 5.50 | 1.01  | 1 | 1.044 |
| LUNG CANCER | AllAge | 5.60 | 1.011 | 1 | 1.046 |
| LUNG CANCER | AllAge | 5.70 | 1.012 | 1 | 1.047 |
| LUNG CANCER | AllAge | 5.80 | 1.012 | 1 | 1.049 |
| LUNG CANCER | AllAge | 5.90 | 1.013 | 1 | 1.05  |
| LUNG CANCER | AllAge | 6.00 | 1.014 | 1 | 1.052 |
| LUNG CANCER | AllAge | 6.10 | 1.015 | 1 | 1.053 |
| LUNG CANCER | AllAge | 6.20 | 1.016 | 1 | 1.055 |
| LUNG CANCER | AllAge | 6.30 | 1.017 | 1 | 1.057 |
| LUNG CANCER | AllAge | 6.40 | 1.018 | 1 | 1.058 |
| LUNG CANCER | AllAge | 6.50 | 1.019 | 1 | 1.06  |
| LUNG CANCER | AllAge | 6.60 | 1.02  | 1 | 1.061 |
| LUNG CANCER | AllAge | 6.70 | 1.021 | 1 | 1.063 |
| LUNG CANCER | AllAge | 6.80 | 1.022 | 1 | 1.064 |
| LUNG CANCER | AllAge | 6.90 | 1.023 | 1 | 1.066 |
| LUNG CANCER | AllAge | 7.00 | 1.024 | 1 | 1.067 |
| LUNG CANCER | AllAge | 7.10 | 1.025 | 1 | 1.069 |
| LUNG CANCER | AllAge | 7.20 | 1.026 | 1 | 1.07  |
| LUNG CANCER | AllAge | 7.30 | 1.027 | 1 | 1.072 |
| LUNG CANCER | AllAge | 7.40 | 1.028 | 1 | 1.073 |
| LUNG CANCER | AllAge | 7.50 | 1.029 | 1 | 1.075 |
| LUNG CANCER | AllAge | 7.60 | 1.03  | 1 | 1.076 |
| LUNG CANCER | AllAge | 7.70 | 1.031 | 1 | 1.077 |
| LUNG CANCER | AllAge | 7.80 | 1.032 | 1 | 1.079 |
| LUNG CANCER | AllAge | 7.90 | 1.033 | 1 | 1.08  |
| LUNG CANCER | AllAge | 8.00 | 1.034 | 1 | 1.082 |
| LUNG CANCER | AllAge | 8.10 | 1.035 | 1 | 1.083 |
| LUNG CANCER | AllAge | 8.20 | 1.036 | 1 | 1.085 |
| LUNG CANCER | AllAge | 8.30 | 1.037 | 1 | 1.086 |
| LUNG CANCER | AllAge | 8.40 | 1.038 | 1 | 1.088 |
| LUNG CANCER | AllAge | 8.50 | 1.04  | 1 | 1.089 |
| LUNG CANCER | AllAge | 8.60 | 1.041 | 1 | 1.091 |
| LUNG CANCER | AllAge | 8.70 | 1.042 | 1 | 1.092 |
| LUNG CANCER | AllAge | 8.80 | 1.043 | 1 | 1.094 |
| LUNG CANCER | AllAge | 8.90 | 1.044 | 1 | 1.095 |
| LUNG CANCER | AllAge | 9.00 | 1.045 | 1 | 1.097 |
| LUNG CANCER | AllAge | 9.10 | 1.046 | 1 | 1.098 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 9.20  | 1.047 | 1     | 1.099 |
| LUNG CANCER | AllAge | 9.30  | 1.048 | 1     | 1.101 |
| LUNG CANCER | AllAge | 9.40  | 1.049 | 1     | 1.102 |
| LUNG CANCER | AllAge | 9.50  | 1.05  | 1.001 | 1.104 |
| LUNG CANCER | AllAge | 9.60  | 1.052 | 1.001 | 1.105 |
| LUNG CANCER | AllAge | 9.70  | 1.053 | 1.002 | 1.107 |
| LUNG CANCER | AllAge | 9.80  | 1.054 | 1.003 | 1.108 |
| LUNG CANCER | AllAge | 9.90  | 1.055 | 1.003 | 1.109 |
| LUNG CANCER | AllAge | 10.00 | 1.056 | 1.004 | 1.111 |
| LUNG CANCER | AllAge | 10.10 | 1.057 | 1.005 | 1.112 |
| LUNG CANCER | AllAge | 10.20 | 1.058 | 1.006 | 1.114 |
| LUNG CANCER | AllAge | 10.30 | 1.059 | 1.006 | 1.115 |
| LUNG CANCER | AllAge | 10.40 | 1.06  | 1.007 | 1.117 |
| LUNG CANCER | AllAge | 10.50 | 1.061 | 1.008 | 1.118 |
| LUNG CANCER | AllAge | 10.60 | 1.062 | 1.009 | 1.12  |
| LUNG CANCER | AllAge | 10.70 | 1.063 | 1.01  | 1.121 |
| LUNG CANCER | AllAge | 10.80 | 1.065 | 1.01  | 1.123 |
| LUNG CANCER | AllAge | 10.90 | 1.066 | 1.011 | 1.124 |
| LUNG CANCER | AllAge | 11.00 | 1.067 | 1.012 | 1.125 |
| LUNG CANCER | AllAge | 11.10 | 1.068 | 1.013 | 1.127 |
| LUNG CANCER | AllAge | 11.20 | 1.069 | 1.014 | 1.128 |
| LUNG CANCER | AllAge | 11.30 | 1.07  | 1.015 | 1.13  |
| LUNG CANCER | AllAge | 11.40 | 1.071 | 1.015 | 1.131 |
| LUNG CANCER | AllAge | 11.50 | 1.072 | 1.016 | 1.132 |
| LUNG CANCER | AllAge | 11.60 | 1.073 | 1.017 | 1.134 |
| LUNG CANCER | AllAge | 11.70 | 1.074 | 1.018 | 1.135 |
| LUNG CANCER | AllAge | 11.80 | 1.075 | 1.019 | 1.137 |
| LUNG CANCER | AllAge | 11.90 | 1.076 | 1.019 | 1.138 |
| LUNG CANCER | AllAge | 12.00 | 1.077 | 1.02  | 1.139 |
| LUNG CANCER | AllAge | 12.10 | 1.078 | 1.021 | 1.141 |
| LUNG CANCER | AllAge | 12.20 | 1.079 | 1.022 | 1.142 |
| LUNG CANCER | AllAge | 12.30 | 1.08  | 1.022 | 1.143 |
| LUNG CANCER | AllAge | 12.40 | 1.081 | 1.023 | 1.144 |
| LUNG CANCER | AllAge | 12.50 | 1.083 | 1.024 | 1.146 |
| LUNG CANCER | AllAge | 12.60 | 1.084 | 1.025 | 1.147 |
| LUNG CANCER | AllAge | 12.70 | 1.085 | 1.026 | 1.148 |
| LUNG CANCER | AllAge | 12.80 | 1.086 | 1.026 | 1.15  |
| LUNG CANCER | AllAge | 12.90 | 1.087 | 1.027 | 1.151 |
| LUNG CANCER | AllAge | 13.00 | 1.088 | 1.028 | 1.152 |
| LUNG CANCER | AllAge | 13.10 | 1.089 | 1.029 | 1.153 |
| LUNG CANCER | AllAge | 13.20 | 1.09  | 1.029 | 1.155 |
| LUNG CANCER | AllAge | 13.30 | 1.091 | 1.03  | 1.156 |
| LUNG CANCER | AllAge | 13.40 | 1.092 | 1.031 | 1.157 |
| LUNG CANCER | AllAge | 13.50 | 1.093 | 1.032 | 1.158 |
| LUNG CANCER | AllAge | 13.60 | 1.094 | 1.033 | 1.16  |
| LUNG CANCER | AllAge | 13.70 | 1.095 | 1.033 | 1.161 |
| LUNG CANCER | AllAge | 13.80 | 1.096 | 1.034 | 1.162 |
| LUNG CANCER | AllAge | 13.90 | 1.097 | 1.035 | 1.163 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 14.00 | 1.098 | 1.036 | 1.165 |
| LUNG CANCER | AllAge | 14.10 | 1.099 | 1.036 | 1.166 |
| LUNG CANCER | AllAge | 14.20 | 1.1   | 1.037 | 1.167 |
| LUNG CANCER | AllAge | 14.30 | 1.101 | 1.038 | 1.168 |
| LUNG CANCER | AllAge | 14.40 | 1.102 | 1.039 | 1.17  |
| LUNG CANCER | AllAge | 14.50 | 1.103 | 1.039 | 1.171 |
| LUNG CANCER | AllAge | 14.60 | 1.104 | 1.04  | 1.172 |
| LUNG CANCER | AllAge | 14.70 | 1.105 | 1.041 | 1.173 |
| LUNG CANCER | AllAge | 14.80 | 1.106 | 1.042 | 1.174 |
| LUNG CANCER | AllAge | 14.90 | 1.107 | 1.042 | 1.176 |
| LUNG CANCER | AllAge | 15.00 | 1.108 | 1.043 | 1.177 |
| LUNG CANCER | AllAge | 15.10 | 1.109 | 1.044 | 1.178 |
| LUNG CANCER | AllAge | 15.20 | 1.11  | 1.045 | 1.179 |
| LUNG CANCER | AllAge | 15.30 | 1.111 | 1.045 | 1.181 |
| LUNG CANCER | AllAge | 15.40 | 1.112 | 1.046 | 1.182 |
| LUNG CANCER | AllAge | 15.50 | 1.113 | 1.047 | 1.183 |
| LUNG CANCER | AllAge | 15.60 | 1.114 | 1.048 | 1.184 |
| LUNG CANCER | AllAge | 15.70 | 1.115 | 1.048 | 1.185 |
| LUNG CANCER | AllAge | 15.80 | 1.116 | 1.049 | 1.187 |
| LUNG CANCER | AllAge | 15.90 | 1.117 | 1.05  | 1.188 |
| LUNG CANCER | AllAge | 16.00 | 1.118 | 1.051 | 1.189 |
| LUNG CANCER | AllAge | 16.10 | 1.119 | 1.051 | 1.19  |
| LUNG CANCER | AllAge | 16.20 | 1.12  | 1.052 | 1.192 |
| LUNG CANCER | AllAge | 16.30 | 1.121 | 1.053 | 1.193 |
| LUNG CANCER | AllAge | 16.40 | 1.122 | 1.053 | 1.194 |
| LUNG CANCER | AllAge | 16.50 | 1.123 | 1.054 | 1.195 |
| LUNG CANCER | AllAge | 16.60 | 1.124 | 1.055 | 1.197 |
| LUNG CANCER | AllAge | 16.70 | 1.125 | 1.056 | 1.198 |
| LUNG CANCER | AllAge | 16.80 | 1.125 | 1.056 | 1.199 |
| LUNG CANCER | AllAge | 16.90 | 1.126 | 1.057 | 1.2   |
| LUNG CANCER | AllAge | 17.00 | 1.127 | 1.058 | 1.201 |
| LUNG CANCER | AllAge | 17.10 | 1.128 | 1.059 | 1.203 |
| LUNG CANCER | AllAge | 17.20 | 1.129 | 1.059 | 1.204 |
| LUNG CANCER | AllAge | 17.30 | 1.13  | 1.06  | 1.205 |
| LUNG CANCER | AllAge | 17.40 | 1.131 | 1.061 | 1.206 |
| LUNG CANCER | AllAge | 17.50 | 1.132 | 1.061 | 1.208 |
| LUNG CANCER | AllAge | 17.60 | 1.133 | 1.062 | 1.209 |
| LUNG CANCER | AllAge | 17.70 | 1.134 | 1.063 | 1.21  |
| LUNG CANCER | AllAge | 17.80 | 1.135 | 1.064 | 1.211 |
| LUNG CANCER | AllAge | 17.90 | 1.136 | 1.064 | 1.212 |
| LUNG CANCER | AllAge | 18.00 | 1.137 | 1.065 | 1.214 |
| LUNG CANCER | AllAge | 18.10 | 1.138 | 1.066 | 1.215 |
| LUNG CANCER | AllAge | 18.20 | 1.139 | 1.067 | 1.216 |
| LUNG CANCER | AllAge | 18.30 | 1.14  | 1.068 | 1.217 |
| LUNG CANCER | AllAge | 18.40 | 1.14  | 1.068 | 1.218 |
| LUNG CANCER | AllAge | 18.50 | 1.141 | 1.069 | 1.219 |
| LUNG CANCER | AllAge | 18.60 | 1.142 | 1.07  | 1.221 |
| LUNG CANCER | AllAge | 18.70 | 1.143 | 1.071 | 1.222 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 18.80 | 1.144 | 1.072 | 1.223 |
| LUNG CANCER | AllAge | 18.90 | 1.145 | 1.072 | 1.224 |
| LUNG CANCER | AllAge | 19.00 | 1.146 | 1.073 | 1.225 |
| LUNG CANCER | AllAge | 19.10 | 1.147 | 1.074 | 1.226 |
| LUNG CANCER | AllAge | 19.20 | 1.148 | 1.075 | 1.228 |
| LUNG CANCER | AllAge | 19.30 | 1.149 | 1.075 | 1.229 |
| LUNG CANCER | AllAge | 19.40 | 1.15  | 1.076 | 1.23  |
| LUNG CANCER | AllAge | 19.50 | 1.151 | 1.077 | 1.231 |
| LUNG CANCER | AllAge | 19.60 | 1.151 | 1.077 | 1.232 |
| LUNG CANCER | AllAge | 19.70 | 1.152 | 1.078 | 1.234 |
| LUNG CANCER | AllAge | 19.80 | 1.153 | 1.079 | 1.235 |
| LUNG CANCER | AllAge | 19.90 | 1.154 | 1.08  | 1.236 |
| LUNG CANCER | AllAge | 20.00 | 1.155 | 1.08  | 1.237 |
| LUNG CANCER | AllAge | 20.10 | 1.156 | 1.081 | 1.238 |
| LUNG CANCER | AllAge | 20.20 | 1.157 | 1.082 | 1.239 |
| LUNG CANCER | AllAge | 20.30 | 1.158 | 1.082 | 1.24  |
| LUNG CANCER | AllAge | 20.40 | 1.159 | 1.083 | 1.241 |
| LUNG CANCER | AllAge | 20.50 | 1.159 | 1.084 | 1.243 |
| LUNG CANCER | AllAge | 20.60 | 1.16  | 1.084 | 1.244 |
| LUNG CANCER | AllAge | 20.70 | 1.161 | 1.085 | 1.245 |
| LUNG CANCER | AllAge | 20.80 | 1.162 | 1.086 | 1.246 |
| LUNG CANCER | AllAge | 20.90 | 1.163 | 1.086 | 1.247 |
| LUNG CANCER | AllAge | 21.00 | 1.164 | 1.087 | 1.248 |
| LUNG CANCER | AllAge | 21.10 | 1.165 | 1.088 | 1.249 |
| LUNG CANCER | AllAge | 21.20 | 1.166 | 1.088 | 1.25  |
| LUNG CANCER | AllAge | 21.30 | 1.166 | 1.089 | 1.251 |
| LUNG CANCER | AllAge | 21.40 | 1.167 | 1.09  | 1.252 |
| LUNG CANCER | AllAge | 21.50 | 1.168 | 1.09  | 1.253 |
| LUNG CANCER | AllAge | 21.60 | 1.169 | 1.091 | 1.254 |
| LUNG CANCER | AllAge | 21.70 | 1.17  | 1.092 | 1.256 |
| LUNG CANCER | AllAge | 21.80 | 1.171 | 1.092 | 1.257 |
| LUNG CANCER | AllAge | 21.90 | 1.172 | 1.093 | 1.258 |
| LUNG CANCER | AllAge | 22.00 | 1.173 | 1.094 | 1.259 |
| LUNG CANCER | AllAge | 22.10 | 1.173 | 1.094 | 1.26  |
| LUNG CANCER | AllAge | 22.20 | 1.174 | 1.095 | 1.261 |
| LUNG CANCER | AllAge | 22.30 | 1.175 | 1.096 | 1.261 |
| LUNG CANCER | AllAge | 22.40 | 1.176 | 1.096 | 1.262 |
| LUNG CANCER | AllAge | 22.50 | 1.177 | 1.097 | 1.263 |
| LUNG CANCER | AllAge | 22.60 | 1.178 | 1.098 | 1.264 |
| LUNG CANCER | AllAge | 22.70 | 1.178 | 1.098 | 1.265 |
| LUNG CANCER | AllAge | 22.80 | 1.179 | 1.099 | 1.266 |
| LUNG CANCER | AllAge | 22.90 | 1.18  | 1.1   | 1.267 |
| LUNG CANCER | AllAge | 23.00 | 1.181 | 1.1   | 1.268 |
| LUNG CANCER | AllAge | 23.10 | 1.182 | 1.101 | 1.269 |
| LUNG CANCER | AllAge | 23.20 | 1.183 | 1.101 | 1.27  |
| LUNG CANCER | AllAge | 23.30 | 1.184 | 1.102 | 1.27  |
| LUNG CANCER | AllAge | 23.40 | 1.184 | 1.103 | 1.271 |
| LUNG CANCER | AllAge | 23.50 | 1.185 | 1.103 | 1.272 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 23.60 | 1.186 | 1.104 | 1.273 |
| LUNG CANCER | AllAge | 23.70 | 1.187 | 1.104 | 1.274 |
| LUNG CANCER | AllAge | 23.80 | 1.188 | 1.105 | 1.275 |
| LUNG CANCER | AllAge | 23.90 | 1.188 | 1.105 | 1.276 |
| LUNG CANCER | AllAge | 24.00 | 1.189 | 1.106 | 1.277 |
| LUNG CANCER | AllAge | 24.10 | 1.19  | 1.107 | 1.278 |
| LUNG CANCER | AllAge | 24.20 | 1.191 | 1.107 | 1.279 |
| LUNG CANCER | AllAge | 24.30 | 1.192 | 1.108 | 1.28  |
| LUNG CANCER | AllAge | 24.40 | 1.193 | 1.108 | 1.282 |
| LUNG CANCER | AllAge | 24.50 | 1.193 | 1.109 | 1.283 |
| LUNG CANCER | AllAge | 24.60 | 1.194 | 1.11  | 1.284 |
| LUNG CANCER | AllAge | 24.70 | 1.195 | 1.11  | 1.285 |
| LUNG CANCER | AllAge | 24.80 | 1.196 | 1.111 | 1.286 |
| LUNG CANCER | AllAge | 24.90 | 1.197 | 1.112 | 1.287 |
| LUNG CANCER | AllAge | 25.00 | 1.197 | 1.112 | 1.288 |
| LUNG CANCER | AllAge | 25.10 | 1.198 | 1.113 | 1.289 |
| LUNG CANCER | AllAge | 25.20 | 1.199 | 1.114 | 1.29  |
| LUNG CANCER | AllAge | 25.30 | 1.2   | 1.114 | 1.29  |
| LUNG CANCER | AllAge | 25.40 | 1.201 | 1.115 | 1.291 |
| LUNG CANCER | AllAge | 25.50 | 1.201 | 1.116 | 1.292 |
| LUNG CANCER | AllAge | 25.60 | 1.202 | 1.116 | 1.293 |
| LUNG CANCER | AllAge | 25.70 | 1.203 | 1.117 | 1.294 |
| LUNG CANCER | AllAge | 25.80 | 1.204 | 1.118 | 1.295 |
| LUNG CANCER | AllAge | 25.90 | 1.205 | 1.118 | 1.295 |
| LUNG CANCER | AllAge | 26.00 | 1.205 | 1.119 | 1.296 |
| LUNG CANCER | AllAge | 26.10 | 1.206 | 1.12  | 1.297 |
| LUNG CANCER | AllAge | 26.20 | 1.207 | 1.12  | 1.298 |
| LUNG CANCER | AllAge | 26.30 | 1.208 | 1.121 | 1.299 |
| LUNG CANCER | AllAge | 26.40 | 1.208 | 1.121 | 1.3   |
| LUNG CANCER | AllAge | 26.50 | 1.209 | 1.122 | 1.301 |
| LUNG CANCER | AllAge | 26.60 | 1.21  | 1.123 | 1.302 |
| LUNG CANCER | AllAge | 26.70 | 1.211 | 1.123 | 1.303 |
| LUNG CANCER | AllAge | 26.80 | 1.212 | 1.124 | 1.304 |
| LUNG CANCER | AllAge | 26.90 | 1.212 | 1.124 | 1.305 |
| LUNG CANCER | AllAge | 27.00 | 1.213 | 1.125 | 1.305 |
| LUNG CANCER | AllAge | 27.10 | 1.214 | 1.125 | 1.306 |
| LUNG CANCER | AllAge | 27.20 | 1.215 | 1.126 | 1.307 |
| LUNG CANCER | AllAge | 27.30 | 1.215 | 1.127 | 1.308 |
| LUNG CANCER | AllAge | 27.40 | 1.216 | 1.127 | 1.309 |
| LUNG CANCER | AllAge | 27.50 | 1.217 | 1.128 | 1.31  |
| LUNG CANCER | AllAge | 27.60 | 1.218 | 1.128 | 1.311 |
| LUNG CANCER | AllAge | 27.70 | 1.218 | 1.129 | 1.312 |
| LUNG CANCER | AllAge | 27.80 | 1.219 | 1.129 | 1.313 |
| LUNG CANCER | AllAge | 27.90 | 1.22  | 1.13  | 1.314 |
| LUNG CANCER | AllAge | 28.00 | 1.221 | 1.131 | 1.314 |
| LUNG CANCER | AllAge | 28.10 | 1.222 | 1.131 | 1.315 |
| LUNG CANCER | AllAge | 28.20 | 1.222 | 1.132 | 1.316 |
| LUNG CANCER | AllAge | 28.30 | 1.223 | 1.132 | 1.317 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 28.40 | 1.224 | 1.133 | 1.318 |
| LUNG CANCER | AllAge | 28.50 | 1.224 | 1.134 | 1.319 |
| LUNG CANCER | AllAge | 28.60 | 1.225 | 1.134 | 1.32  |
| LUNG CANCER | AllAge | 28.70 | 1.226 | 1.135 | 1.321 |
| LUNG CANCER | AllAge | 28.80 | 1.227 | 1.135 | 1.322 |
| LUNG CANCER | AllAge | 28.90 | 1.227 | 1.136 | 1.322 |
| LUNG CANCER | AllAge | 29.00 | 1.228 | 1.137 | 1.323 |
| LUNG CANCER | AllAge | 29.10 | 1.229 | 1.137 | 1.324 |
| LUNG CANCER | AllAge | 29.20 | 1.23  | 1.138 | 1.325 |
| LUNG CANCER | AllAge | 29.30 | 1.23  | 1.138 | 1.326 |
| LUNG CANCER | AllAge | 29.40 | 1.231 | 1.139 | 1.327 |
| LUNG CANCER | AllAge | 29.50 | 1.232 | 1.14  | 1.328 |
| LUNG CANCER | AllAge | 29.60 | 1.233 | 1.14  | 1.329 |
| LUNG CANCER | AllAge | 29.70 | 1.233 | 1.141 | 1.33  |
| LUNG CANCER | AllAge | 29.80 | 1.234 | 1.141 | 1.33  |
| LUNG CANCER | AllAge | 29.90 | 1.235 | 1.142 | 1.331 |
| LUNG CANCER | AllAge | 30.00 | 1.235 | 1.142 | 1.332 |
| LUNG CANCER | AllAge | 30.10 | 1.236 | 1.143 | 1.333 |
| LUNG CANCER | AllAge | 30.20 | 1.237 | 1.144 | 1.334 |
| LUNG CANCER | AllAge | 30.30 | 1.238 | 1.144 | 1.335 |
| LUNG CANCER | AllAge | 30.40 | 1.238 | 1.145 | 1.336 |
| LUNG CANCER | AllAge | 30.50 | 1.239 | 1.145 | 1.337 |
| LUNG CANCER | AllAge | 30.60 | 1.24  | 1.146 | 1.338 |
| LUNG CANCER | AllAge | 30.70 | 1.24  | 1.146 | 1.339 |
| LUNG CANCER | AllAge | 30.80 | 1.241 | 1.147 | 1.34  |
| LUNG CANCER | AllAge | 30.90 | 1.242 | 1.147 | 1.341 |
| LUNG CANCER | AllAge | 31.00 | 1.243 | 1.148 | 1.341 |
| LUNG CANCER | AllAge | 31.10 | 1.243 | 1.149 | 1.342 |
| LUNG CANCER | AllAge | 31.20 | 1.244 | 1.149 | 1.343 |
| LUNG CANCER | AllAge | 31.30 | 1.245 | 1.15  | 1.344 |
| LUNG CANCER | AllAge | 31.40 | 1.245 | 1.15  | 1.345 |
| LUNG CANCER | AllAge | 31.50 | 1.246 | 1.151 | 1.346 |
| LUNG CANCER | AllAge | 31.60 | 1.247 | 1.151 | 1.347 |
| LUNG CANCER | AllAge | 31.70 | 1.247 | 1.152 | 1.348 |
| LUNG CANCER | AllAge | 31.80 | 1.248 | 1.152 | 1.349 |
| LUNG CANCER | AllAge | 31.90 | 1.249 | 1.153 | 1.35  |
| LUNG CANCER | AllAge | 32.00 | 1.25  | 1.153 | 1.351 |
| LUNG CANCER | AllAge | 32.10 | 1.25  | 1.154 | 1.352 |
| LUNG CANCER | AllAge | 32.20 | 1.251 | 1.154 | 1.353 |
| LUNG CANCER | AllAge | 32.30 | 1.252 | 1.154 | 1.354 |
| LUNG CANCER | AllAge | 32.40 | 1.252 | 1.155 | 1.355 |
| LUNG CANCER | AllAge | 32.50 | 1.253 | 1.155 | 1.356 |
| LUNG CANCER | AllAge | 32.60 | 1.254 | 1.156 | 1.357 |
| LUNG CANCER | AllAge | 32.70 | 1.254 | 1.156 | 1.357 |
| LUNG CANCER | AllAge | 32.80 | 1.255 | 1.157 | 1.358 |
| LUNG CANCER | AllAge | 32.90 | 1.256 | 1.157 | 1.359 |
| LUNG CANCER | AllAge | 33.00 | 1.256 | 1.158 | 1.36  |
| LUNG CANCER | AllAge | 33.10 | 1.257 | 1.158 | 1.361 |



|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 33.20 | 1.258 | 1.158 | 1.362 |
| LUNG CANCER | AllAge | 33.30 | 1.258 | 1.159 | 1.363 |
| LUNG CANCER | AllAge | 33.40 | 1.259 | 1.159 | 1.364 |
| LUNG CANCER | AllAge | 33.50 | 1.26  | 1.16  | 1.365 |
| LUNG CANCER | AllAge | 33.60 | 1.26  | 1.16  | 1.366 |
| LUNG CANCER | AllAge | 33.70 | 1.261 | 1.161 | 1.366 |
| LUNG CANCER | AllAge | 33.80 | 1.262 | 1.161 | 1.367 |
| LUNG CANCER | AllAge | 33.90 | 1.262 | 1.161 | 1.368 |
| LUNG CANCER | AllAge | 34.00 | 1.263 | 1.162 | 1.369 |
| LUNG CANCER | AllAge | 34.10 | 1.264 | 1.162 | 1.37  |
| LUNG CANCER | AllAge | 34.20 | 1.264 | 1.163 | 1.371 |
| LUNG CANCER | AllAge | 34.30 | 1.265 | 1.163 | 1.372 |
| LUNG CANCER | AllAge | 34.40 | 1.266 | 1.164 | 1.372 |
| LUNG CANCER | AllAge | 34.50 | 1.266 | 1.164 | 1.373 |
| LUNG CANCER | AllAge | 34.60 | 1.267 | 1.165 | 1.374 |
| LUNG CANCER | AllAge | 34.70 | 1.268 | 1.165 | 1.375 |
| LUNG CANCER | AllAge | 34.80 | 1.268 | 1.165 | 1.376 |
| LUNG CANCER | AllAge | 34.90 | 1.269 | 1.166 | 1.377 |
| LUNG CANCER | AllAge | 35.00 | 1.27  | 1.166 | 1.377 |
| LUNG CANCER | AllAge | 35.10 | 1.27  | 1.167 | 1.378 |
| LUNG CANCER | AllAge | 35.20 | 1.271 | 1.167 | 1.379 |
| LUNG CANCER | AllAge | 35.30 | 1.271 | 1.168 | 1.38  |
| LUNG CANCER | AllAge | 35.40 | 1.272 | 1.168 | 1.382 |
| LUNG CANCER | AllAge | 35.50 | 1.273 | 1.169 | 1.383 |
| LUNG CANCER | AllAge | 35.60 | 1.273 | 1.169 | 1.384 |
| LUNG CANCER | AllAge | 35.70 | 1.274 | 1.17  | 1.385 |
| LUNG CANCER | AllAge | 35.80 | 1.275 | 1.17  | 1.386 |
| LUNG CANCER | AllAge | 35.90 | 1.275 | 1.171 | 1.387 |
| LUNG CANCER | AllAge | 36.00 | 1.276 | 1.171 | 1.388 |
| LUNG CANCER | AllAge | 36.10 | 1.277 | 1.172 | 1.388 |
| LUNG CANCER | AllAge | 36.20 | 1.277 | 1.172 | 1.389 |
| LUNG CANCER | AllAge | 36.30 | 1.278 | 1.172 | 1.39  |
| LUNG CANCER | AllAge | 36.40 | 1.278 | 1.173 | 1.391 |
| LUNG CANCER | AllAge | 36.50 | 1.279 | 1.173 | 1.392 |
| LUNG CANCER | AllAge | 36.60 | 1.28  | 1.173 | 1.393 |
| LUNG CANCER | AllAge | 36.70 | 1.28  | 1.174 | 1.394 |
| LUNG CANCER | AllAge | 36.80 | 1.281 | 1.174 | 1.395 |
| LUNG CANCER | AllAge | 36.90 | 1.282 | 1.174 | 1.396 |
| LUNG CANCER | AllAge | 37.00 | 1.282 | 1.175 | 1.397 |
| LUNG CANCER | AllAge | 37.10 | 1.283 | 1.175 | 1.397 |
| LUNG CANCER | AllAge | 37.20 | 1.283 | 1.176 | 1.398 |
| LUNG CANCER | AllAge | 37.30 | 1.284 | 1.176 | 1.399 |
| LUNG CANCER | AllAge | 37.40 | 1.285 | 1.177 | 1.399 |
| LUNG CANCER | AllAge | 37.50 | 1.285 | 1.177 | 1.4   |
| LUNG CANCER | AllAge | 37.60 | 1.286 | 1.178 | 1.4   |
| LUNG CANCER | AllAge | 37.70 | 1.286 | 1.178 | 1.401 |
| LUNG CANCER | AllAge | 37.80 | 1.287 | 1.178 | 1.402 |
| LUNG CANCER | AllAge | 37.90 | 1.288 | 1.179 | 1.402 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 38.00 | 1.288 | 1.179 | 1.403 |
| LUNG CANCER | AllAge | 38.10 | 1.289 | 1.18  | 1.404 |
| LUNG CANCER | AllAge | 38.20 | 1.289 | 1.18  | 1.405 |
| LUNG CANCER | AllAge | 38.30 | 1.29  | 1.181 | 1.406 |
| LUNG CANCER | AllAge | 38.40 | 1.291 | 1.181 | 1.406 |
| LUNG CANCER | AllAge | 38.50 | 1.291 | 1.182 | 1.407 |
| LUNG CANCER | AllAge | 38.60 | 1.292 | 1.182 | 1.408 |
| LUNG CANCER | AllAge | 38.70 | 1.292 | 1.182 | 1.409 |
| LUNG CANCER | AllAge | 38.80 | 1.293 | 1.183 | 1.41  |
| LUNG CANCER | AllAge | 38.90 | 1.294 | 1.183 | 1.411 |
| LUNG CANCER | AllAge | 39.00 | 1.294 | 1.184 | 1.412 |
| LUNG CANCER | AllAge | 39.10 | 1.295 | 1.184 | 1.412 |
| LUNG CANCER | AllAge | 39.20 | 1.295 | 1.185 | 1.413 |
| LUNG CANCER | AllAge | 39.30 | 1.296 | 1.185 | 1.413 |
| LUNG CANCER | AllAge | 39.40 | 1.296 | 1.186 | 1.414 |
| LUNG CANCER | AllAge | 39.50 | 1.297 | 1.186 | 1.415 |
| LUNG CANCER | AllAge | 39.60 | 1.298 | 1.186 | 1.415 |
| LUNG CANCER | AllAge | 39.70 | 1.298 | 1.187 | 1.416 |
| LUNG CANCER | AllAge | 39.80 | 1.299 | 1.187 | 1.417 |
| LUNG CANCER | AllAge | 39.90 | 1.299 | 1.188 | 1.417 |
| LUNG CANCER | AllAge | 40.00 | 1.3   | 1.188 | 1.418 |
| LUNG CANCER | AllAge | 40.10 | 1.301 | 1.189 | 1.418 |
| LUNG CANCER | AllAge | 40.20 | 1.301 | 1.189 | 1.419 |
| LUNG CANCER | AllAge | 40.30 | 1.302 | 1.189 | 1.419 |
| LUNG CANCER | AllAge | 40.40 | 1.302 | 1.19  | 1.42  |
| LUNG CANCER | AllAge | 40.50 | 1.303 | 1.19  | 1.421 |
| LUNG CANCER | AllAge | 40.60 | 1.303 | 1.191 | 1.421 |
| LUNG CANCER | AllAge | 40.70 | 1.304 | 1.191 | 1.422 |
| LUNG CANCER | AllAge | 40.80 | 1.305 | 1.192 | 1.422 |
| LUNG CANCER | AllAge | 40.90 | 1.305 | 1.192 | 1.423 |
| LUNG CANCER | AllAge | 41.00 | 1.306 | 1.192 | 1.423 |
| LUNG CANCER | AllAge | 41.10 | 1.306 | 1.193 | 1.424 |
| LUNG CANCER | AllAge | 41.20 | 1.307 | 1.193 | 1.425 |
| LUNG CANCER | AllAge | 41.30 | 1.307 | 1.194 | 1.425 |
| LUNG CANCER | AllAge | 41.40 | 1.308 | 1.194 | 1.426 |
| LUNG CANCER | AllAge | 41.50 | 1.308 | 1.194 | 1.426 |
| LUNG CANCER | AllAge | 41.60 | 1.309 | 1.195 | 1.427 |
| LUNG CANCER | AllAge | 41.70 | 1.31  | 1.195 | 1.427 |
| LUNG CANCER | AllAge | 41.80 | 1.31  | 1.196 | 1.428 |
| LUNG CANCER | AllAge | 41.90 | 1.311 | 1.196 | 1.428 |
| LUNG CANCER | AllAge | 42.00 | 1.311 | 1.196 | 1.429 |
| LUNG CANCER | AllAge | 42.10 | 1.312 | 1.197 | 1.43  |
| LUNG CANCER | AllAge | 42.20 | 1.312 | 1.197 | 1.43  |
| LUNG CANCER | AllAge | 42.30 | 1.313 | 1.198 | 1.431 |
| LUNG CANCER | AllAge | 42.40 | 1.313 | 1.198 | 1.431 |
| LUNG CANCER | AllAge | 42.50 | 1.314 | 1.198 | 1.432 |
| LUNG CANCER | AllAge | 42.60 | 1.314 | 1.199 | 1.432 |
| LUNG CANCER | AllAge | 42.70 | 1.315 | 1.199 | 1.433 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 42.80 | 1.316 | 1.199 | 1.433 |
| LUNG CANCER | AllAge | 42.90 | 1.316 | 1.2   | 1.434 |
| LUNG CANCER | AllAge | 43.00 | 1.317 | 1.2   | 1.434 |
| LUNG CANCER | AllAge | 43.10 | 1.317 | 1.201 | 1.435 |
| LUNG CANCER | AllAge | 43.20 | 1.318 | 1.201 | 1.436 |
| LUNG CANCER | AllAge | 43.30 | 1.318 | 1.201 | 1.436 |
| LUNG CANCER | AllAge | 43.40 | 1.319 | 1.202 | 1.437 |
| LUNG CANCER | AllAge | 43.50 | 1.319 | 1.202 | 1.438 |
| LUNG CANCER | AllAge | 43.60 | 1.32  | 1.203 | 1.439 |
| LUNG CANCER | AllAge | 43.70 | 1.32  | 1.203 | 1.439 |
| LUNG CANCER | AllAge | 43.80 | 1.321 | 1.204 | 1.44  |
| LUNG CANCER | AllAge | 43.90 | 1.321 | 1.204 | 1.441 |
| LUNG CANCER | AllAge | 44.00 | 1.322 | 1.204 | 1.441 |
| LUNG CANCER | AllAge | 44.10 | 1.322 | 1.205 | 1.442 |
| LUNG CANCER | AllAge | 44.20 | 1.323 | 1.205 | 1.443 |
| LUNG CANCER | AllAge | 44.30 | 1.323 | 1.206 | 1.444 |
| LUNG CANCER | AllAge | 44.40 | 1.324 | 1.206 | 1.445 |
| LUNG CANCER | AllAge | 44.50 | 1.325 | 1.206 | 1.445 |
| LUNG CANCER | AllAge | 44.60 | 1.325 | 1.207 | 1.446 |
| LUNG CANCER | AllAge | 44.70 | 1.326 | 1.207 | 1.447 |
| LUNG CANCER | AllAge | 44.80 | 1.326 | 1.207 | 1.448 |
| LUNG CANCER | AllAge | 44.90 | 1.327 | 1.208 | 1.449 |
| LUNG CANCER | AllAge | 45.00 | 1.327 | 1.208 | 1.45  |
| LUNG CANCER | AllAge | 45.10 | 1.328 | 1.209 | 1.45  |
| LUNG CANCER | AllAge | 45.20 | 1.328 | 1.209 | 1.451 |
| LUNG CANCER | AllAge | 45.30 | 1.329 | 1.209 | 1.451 |
| LUNG CANCER | AllAge | 45.40 | 1.329 | 1.21  | 1.452 |
| LUNG CANCER | AllAge | 45.50 | 1.33  | 1.21  | 1.452 |
| LUNG CANCER | AllAge | 45.60 | 1.33  | 1.21  | 1.452 |
| LUNG CANCER | AllAge | 45.70 | 1.331 | 1.211 | 1.453 |
| LUNG CANCER | AllAge | 45.80 | 1.331 | 1.211 | 1.453 |
| LUNG CANCER | AllAge | 45.90 | 1.332 | 1.212 | 1.454 |
| LUNG CANCER | AllAge | 46.00 | 1.332 | 1.212 | 1.454 |
| LUNG CANCER | AllAge | 46.10 | 1.333 | 1.212 | 1.455 |
| LUNG CANCER | AllAge | 46.20 | 1.333 | 1.213 | 1.456 |
| LUNG CANCER | AllAge | 46.30 | 1.334 | 1.213 | 1.457 |
| LUNG CANCER | AllAge | 46.40 | 1.334 | 1.213 | 1.457 |
| LUNG CANCER | AllAge | 46.50 | 1.335 | 1.214 | 1.458 |
| LUNG CANCER | AllAge | 46.60 | 1.335 | 1.214 | 1.459 |
| LUNG CANCER | AllAge | 46.70 | 1.336 | 1.214 | 1.459 |
| LUNG CANCER | AllAge | 46.80 | 1.336 | 1.215 | 1.46  |
| LUNG CANCER | AllAge | 46.90 | 1.337 | 1.215 | 1.461 |
| LUNG CANCER | AllAge | 47.00 | 1.337 | 1.216 | 1.462 |
| LUNG CANCER | AllAge | 47.10 | 1.338 | 1.216 | 1.462 |
| LUNG CANCER | AllAge | 47.20 | 1.338 | 1.216 | 1.463 |
| LUNG CANCER | AllAge | 47.30 | 1.339 | 1.217 | 1.464 |
| LUNG CANCER | AllAge | 47.40 | 1.339 | 1.217 | 1.464 |
| LUNG CANCER | AllAge | 47.50 | 1.34  | 1.217 | 1.465 |

|             |        |       |       |       |       |
|-------------|--------|-------|-------|-------|-------|
| LUNG CANCER | AllAge | 47.60 | 1.34  | 1.218 | 1.466 |
| LUNG CANCER | AllAge | 47.70 | 1.341 | 1.218 | 1.466 |
| LUNG CANCER | AllAge | 47.80 | 1.341 | 1.218 | 1.467 |
| LUNG CANCER | AllAge | 47.90 | 1.341 | 1.219 | 1.468 |
| LUNG CANCER | AllAge | 48.00 | 1.342 | 1.219 | 1.468 |
| LUNG CANCER | AllAge | 48.10 | 1.342 | 1.219 | 1.469 |
| LUNG CANCER | AllAge | 48.20 | 1.343 | 1.22  | 1.47  |
| LUNG CANCER | AllAge | 48.30 | 1.343 | 1.22  | 1.471 |
| LUNG CANCER | AllAge | 48.40 | 1.344 | 1.22  | 1.471 |
| LUNG CANCER | AllAge | 48.50 | 1.344 | 1.221 | 1.472 |
| LUNG CANCER | AllAge | 48.60 | 1.345 | 1.221 | 1.473 |
| LUNG CANCER | AllAge | 48.70 | 1.345 | 1.221 | 1.474 |
| LUNG CANCER | AllAge | 48.80 | 1.346 | 1.222 | 1.474 |
| LUNG CANCER | AllAge | 48.90 | 1.346 | 1.222 | 1.475 |
| LUNG CANCER | AllAge | 49.00 | 1.347 | 1.222 | 1.476 |
| LUNG CANCER | AllAge | 49.10 | 1.347 | 1.223 | 1.477 |
| LUNG CANCER | AllAge | 49.20 | 1.348 | 1.223 | 1.477 |
| LUNG CANCER | AllAge | 49.30 | 1.348 | 1.223 | 1.478 |
| LUNG CANCER | AllAge | 49.40 | 1.349 | 1.224 | 1.479 |
| LUNG CANCER | AllAge | 49.50 | 1.349 | 1.224 | 1.479 |
| LUNG CANCER | AllAge | 49.60 | 1.349 | 1.224 | 1.48  |
| LUNG CANCER | AllAge | 49.70 | 1.35  | 1.225 | 1.481 |
| LUNG CANCER | AllAge | 49.80 | 1.35  | 1.225 | 1.481 |
| LUNG CANCER | AllAge | 49.90 | 1.351 | 1.225 | 1.482 |

### Lower Respiratory Infection (LRI)

| CAUSE | AGE    | PM25 | RR AVG | RR LOW | RR HIGH |
|-------|--------|------|--------|--------|---------|
| LRI   | AllAge | 0.00 | 1      | 1      | 1       |
| LRI   | AllAge | 0.10 | 1      | 1      | 1       |
| LRI   | AllAge | 0.20 | 1      | 1      | 1       |
| LRI   | AllAge | 0.30 | 1      | 1      | 1       |
| LRI   | AllAge | 0.40 | 1      | 1      | 1       |
| LRI   | AllAge | 0.50 | 1      | 1      | 1       |
| LRI   | AllAge | 0.60 | 1      | 1      | 1       |
| LRI   | AllAge | 0.70 | 1      | 1      | 1       |
| LRI   | AllAge | 0.80 | 1      | 1      | 1       |
| LRI   | AllAge | 0.90 | 1      | 1      | 1       |
| LRI   | AllAge | 1.00 | 1      | 1      | 1       |
| LRI   | AllAge | 1.10 | 1      | 1      | 1       |
| LRI   | AllAge | 1.20 | 1      | 1      | 1       |
| LRI   | AllAge | 1.30 | 1      | 1      | 1       |
| LRI   | AllAge | 1.40 | 1      | 1      | 1       |
| LRI   | AllAge | 1.50 | 1      | 1      | 1       |
| LRI   | AllAge | 1.60 | 1      | 1      | 1       |
| LRI   | AllAge | 1.70 | 1      | 1      | 1       |
| LRI   | AllAge | 1.80 | 1      | 1      | 1       |
| LRI   | AllAge | 1.90 | 1      | 1      | 1       |
| LRI   | AllAge | 2.00 | 1      | 1      | 1       |
| LRI   | AllAge | 2.10 | 1      | 1      | 1       |
| LRI   | AllAge | 2.20 | 1      | 1      | 1       |
| LRI   | AllAge | 2.30 | 1      | 1      | 1       |
| LRI   | AllAge | 2.40 | 1      | 1      | 1.001   |
| LRI   | AllAge | 2.50 | 1      | 1      | 1.002   |
| LRI   | AllAge | 2.60 | 1      | 1      | 1.003   |
| LRI   | AllAge | 2.70 | 1      | 1      | 1.004   |
| LRI   | AllAge | 2.80 | 1      | 1      | 1.006   |
| LRI   | AllAge | 2.90 | 1      | 1      | 1.007   |
| LRI   | AllAge | 3.00 | 1.001  | 1      | 1.008   |
| LRI   | AllAge | 3.10 | 1.001  | 1      | 1.009   |
| LRI   | AllAge | 3.20 | 1.001  | 1      | 1.01    |
| LRI   | AllAge | 3.30 | 1.001  | 1      | 1.012   |
| LRI   | AllAge | 3.40 | 1.001  | 1      | 1.013   |
| LRI   | AllAge | 3.50 | 1.001  | 1      | 1.014   |
| LRI   | AllAge | 3.60 | 1.002  | 1      | 1.015   |
| LRI   | AllAge | 3.70 | 1.002  | 1      | 1.016   |
| LRI   | AllAge | 3.80 | 1.002  | 1      | 1.017   |
| LRI   | AllAge | 3.90 | 1.002  | 1      | 1.018   |
| LRI   | AllAge | 4.00 | 1.003  | 1      | 1.019   |
| LRI   | AllAge | 4.10 | 1.003  | 1      | 1.02    |
| LRI   | AllAge | 4.20 | 1.003  | 1      | 1.021   |
| LRI   | AllAge | 4.30 | 1.003  | 1      | 1.023   |

|     |        |      |       |   |       |
|-----|--------|------|-------|---|-------|
| LRI | AllAge | 4.40 | 1.004 | 1 | 1.024 |
| LRI | AllAge | 4.50 | 1.004 | 1 | 1.025 |
| LRI | AllAge | 4.60 | 1.005 | 1 | 1.026 |
| LRI | AllAge | 4.70 | 1.005 | 1 | 1.027 |
| LRI | AllAge | 4.80 | 1.005 | 1 | 1.029 |
| LRI | AllAge | 4.90 | 1.006 | 1 | 1.03  |
| LRI | AllAge | 5.00 | 1.006 | 1 | 1.031 |
| LRI | AllAge | 5.10 | 1.007 | 1 | 1.032 |
| LRI | AllAge | 5.20 | 1.007 | 1 | 1.033 |
| LRI | AllAge | 5.30 | 1.008 | 1 | 1.034 |
| LRI | AllAge | 5.40 | 1.008 | 1 | 1.036 |
| LRI | AllAge | 5.50 | 1.009 | 1 | 1.037 |
| LRI | AllAge | 5.60 | 1.009 | 1 | 1.038 |
| LRI | AllAge | 5.70 | 1.01  | 1 | 1.039 |
| LRI | AllAge | 5.80 | 1.01  | 1 | 1.04  |
| LRI | AllAge | 5.90 | 1.011 | 1 | 1.041 |
| LRI | AllAge | 6.00 | 1.011 | 1 | 1.042 |
| LRI | AllAge | 6.10 | 1.012 | 1 | 1.043 |
| LRI | AllAge | 6.20 | 1.013 | 1 | 1.044 |
| LRI | AllAge | 6.30 | 1.013 | 1 | 1.046 |
| LRI | AllAge | 6.40 | 1.014 | 1 | 1.047 |
| LRI | AllAge | 6.50 | 1.014 | 1 | 1.048 |
| LRI | AllAge | 6.60 | 1.015 | 1 | 1.049 |
| LRI | AllAge | 6.70 | 1.016 | 1 | 1.05  |
| LRI | AllAge | 6.80 | 1.016 | 1 | 1.052 |
| LRI | AllAge | 6.90 | 1.017 | 1 | 1.053 |
| LRI | AllAge | 7.00 | 1.018 | 1 | 1.054 |
| LRI | AllAge | 7.10 | 1.018 | 1 | 1.055 |
| LRI | AllAge | 7.20 | 1.019 | 1 | 1.057 |
| LRI | AllAge | 7.30 | 1.02  | 1 | 1.058 |
| LRI | AllAge | 7.40 | 1.02  | 1 | 1.059 |
| LRI | AllAge | 7.50 | 1.021 | 1 | 1.06  |
| LRI | AllAge | 7.60 | 1.022 | 1 | 1.061 |
| LRI | AllAge | 7.70 | 1.022 | 1 | 1.062 |
| LRI | AllAge | 7.80 | 1.023 | 1 | 1.064 |
| LRI | AllAge | 7.90 | 1.024 | 1 | 1.065 |
| LRI | AllAge | 8.00 | 1.024 | 1 | 1.066 |
| LRI | AllAge | 8.10 | 1.025 | 1 | 1.067 |
| LRI | AllAge | 8.20 | 1.026 | 1 | 1.068 |
| LRI | AllAge | 8.30 | 1.027 | 1 | 1.07  |
| LRI | AllAge | 8.40 | 1.027 | 1 | 1.071 |
| LRI | AllAge | 8.50 | 1.028 | 1 | 1.072 |
| LRI | AllAge | 8.60 | 1.029 | 1 | 1.073 |
| LRI | AllAge | 8.70 | 1.029 | 1 | 1.075 |
| LRI | AllAge | 8.80 | 1.03  | 1 | 1.076 |
| LRI | AllAge | 8.90 | 1.031 | 1 | 1.077 |
| LRI | AllAge | 9.00 | 1.032 | 1 | 1.078 |
| LRI | AllAge | 9.10 | 1.032 | 1 | 1.079 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 9.20  | 1.033 | 1     | 1.08  |
| LRI | AllAge | 9.30  | 1.034 | 1     | 1.082 |
| LRI | AllAge | 9.40  | 1.034 | 1     | 1.083 |
| LRI | AllAge | 9.50  | 1.035 | 1     | 1.084 |
| LRI | AllAge | 9.60  | 1.036 | 1     | 1.085 |
| LRI | AllAge | 9.70  | 1.037 | 1     | 1.086 |
| LRI | AllAge | 9.80  | 1.037 | 1.001 | 1.087 |
| LRI | AllAge | 9.90  | 1.038 | 1.001 | 1.089 |
| LRI | AllAge | 10.00 | 1.039 | 1.002 | 1.09  |
| LRI | AllAge | 10.10 | 1.04  | 1.002 | 1.091 |
| LRI | AllAge | 10.20 | 1.04  | 1.003 | 1.092 |
| LRI | AllAge | 10.30 | 1.041 | 1.003 | 1.093 |
| LRI | AllAge | 10.40 | 1.042 | 1.003 | 1.094 |
| LRI | AllAge | 10.50 | 1.042 | 1.004 | 1.096 |
| LRI | AllAge | 10.60 | 1.043 | 1.004 | 1.097 |
| LRI | AllAge | 10.70 | 1.044 | 1.005 | 1.098 |
| LRI | AllAge | 10.80 | 1.045 | 1.005 | 1.099 |
| LRI | AllAge | 10.90 | 1.045 | 1.006 | 1.1   |
| LRI | AllAge | 11.00 | 1.046 | 1.006 | 1.102 |
| LRI | AllAge | 11.10 | 1.047 | 1.007 | 1.103 |
| LRI | AllAge | 11.20 | 1.048 | 1.007 | 1.104 |
| LRI | AllAge | 11.30 | 1.048 | 1.007 | 1.105 |
| LRI | AllAge | 11.40 | 1.049 | 1.008 | 1.106 |
| LRI | AllAge | 11.50 | 1.05  | 1.008 | 1.108 |
| LRI | AllAge | 11.60 | 1.05  | 1.009 | 1.109 |
| LRI | AllAge | 11.70 | 1.051 | 1.009 | 1.11  |
| LRI | AllAge | 11.80 | 1.052 | 1.01  | 1.111 |
| LRI | AllAge | 11.90 | 1.053 | 1.01  | 1.112 |
| LRI | AllAge | 12.00 | 1.053 | 1.01  | 1.113 |
| LRI | AllAge | 12.10 | 1.054 | 1.011 | 1.115 |
| LRI | AllAge | 12.20 | 1.055 | 1.011 | 1.116 |
| LRI | AllAge | 12.30 | 1.056 | 1.012 | 1.117 |
| LRI | AllAge | 12.40 | 1.056 | 1.012 | 1.118 |
| LRI | AllAge | 12.50 | 1.057 | 1.013 | 1.119 |
| LRI | AllAge | 12.60 | 1.058 | 1.013 | 1.12  |
| LRI | AllAge | 12.70 | 1.058 | 1.013 | 1.121 |
| LRI | AllAge | 12.80 | 1.059 | 1.014 | 1.122 |
| LRI | AllAge | 12.90 | 1.06  | 1.014 | 1.124 |
| LRI | AllAge | 13.00 | 1.061 | 1.015 | 1.125 |
| LRI | AllAge | 13.10 | 1.061 | 1.015 | 1.126 |
| LRI | AllAge | 13.20 | 1.062 | 1.016 | 1.127 |
| LRI | AllAge | 13.30 | 1.063 | 1.016 | 1.128 |
| LRI | AllAge | 13.40 | 1.064 | 1.016 | 1.129 |
| LRI | AllAge | 13.50 | 1.064 | 1.017 | 1.13  |
| LRI | AllAge | 13.60 | 1.065 | 1.017 | 1.131 |
| LRI | AllAge | 13.70 | 1.066 | 1.018 | 1.133 |
| LRI | AllAge | 13.80 | 1.066 | 1.018 | 1.134 |
| LRI | AllAge | 13.90 | 1.067 | 1.019 | 1.135 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 14.00 | 1.068 | 1.019 | 1.136 |
| LRI | AllAge | 14.10 | 1.069 | 1.02  | 1.137 |
| LRI | AllAge | 14.20 | 1.069 | 1.02  | 1.138 |
| LRI | AllAge | 14.30 | 1.07  | 1.02  | 1.139 |
| LRI | AllAge | 14.40 | 1.071 | 1.021 | 1.141 |
| LRI | AllAge | 14.50 | 1.071 | 1.021 | 1.142 |
| LRI | AllAge | 14.60 | 1.072 | 1.022 | 1.143 |
| LRI | AllAge | 14.70 | 1.073 | 1.022 | 1.144 |
| LRI | AllAge | 14.80 | 1.074 | 1.022 | 1.145 |
| LRI | AllAge | 14.90 | 1.074 | 1.023 | 1.146 |
| LRI | AllAge | 15.00 | 1.075 | 1.023 | 1.148 |
| LRI | AllAge | 15.10 | 1.076 | 1.024 | 1.149 |
| LRI | AllAge | 15.20 | 1.077 | 1.024 | 1.15  |
| LRI | AllAge | 15.30 | 1.077 | 1.024 | 1.151 |
| LRI | AllAge | 15.40 | 1.078 | 1.025 | 1.152 |
| LRI | AllAge | 15.50 | 1.079 | 1.025 | 1.153 |
| LRI | AllAge | 15.60 | 1.079 | 1.026 | 1.154 |
| LRI | AllAge | 15.70 | 1.08  | 1.026 | 1.155 |
| LRI | AllAge | 15.80 | 1.081 | 1.027 | 1.157 |
| LRI | AllAge | 15.90 | 1.082 | 1.027 | 1.158 |
| LRI | AllAge | 16.00 | 1.082 | 1.027 | 1.159 |
| LRI | AllAge | 16.10 | 1.083 | 1.028 | 1.16  |
| LRI | AllAge | 16.20 | 1.084 | 1.028 | 1.161 |
| LRI | AllAge | 16.30 | 1.084 | 1.029 | 1.162 |
| LRI | AllAge | 16.40 | 1.085 | 1.029 | 1.163 |
| LRI | AllAge | 16.50 | 1.086 | 1.029 | 1.164 |
| LRI | AllAge | 16.60 | 1.087 | 1.03  | 1.166 |
| LRI | AllAge | 16.70 | 1.087 | 1.03  | 1.167 |
| LRI | AllAge | 16.80 | 1.088 | 1.031 | 1.168 |
| LRI | AllAge | 16.90 | 1.089 | 1.031 | 1.169 |
| LRI | AllAge | 17.00 | 1.089 | 1.032 | 1.17  |
| LRI | AllAge | 17.10 | 1.09  | 1.032 | 1.171 |
| LRI | AllAge | 17.20 | 1.091 | 1.032 | 1.172 |
| LRI | AllAge | 17.30 | 1.092 | 1.033 | 1.173 |
| LRI | AllAge | 17.40 | 1.092 | 1.033 | 1.175 |
| LRI | AllAge | 17.50 | 1.093 | 1.034 | 1.176 |
| LRI | AllAge | 17.60 | 1.094 | 1.034 | 1.177 |
| LRI | AllAge | 17.70 | 1.094 | 1.035 | 1.178 |
| LRI | AllAge | 17.80 | 1.095 | 1.035 | 1.179 |
| LRI | AllAge | 17.90 | 1.096 | 1.035 | 1.18  |
| LRI | AllAge | 18.00 | 1.097 | 1.036 | 1.181 |
| LRI | AllAge | 18.10 | 1.097 | 1.036 | 1.182 |
| LRI | AllAge | 18.20 | 1.098 | 1.037 | 1.183 |
| LRI | AllAge | 18.30 | 1.099 | 1.037 | 1.185 |
| LRI | AllAge | 18.40 | 1.099 | 1.038 | 1.186 |
| LRI | AllAge | 18.50 | 1.1   | 1.038 | 1.187 |
| LRI | AllAge | 18.60 | 1.101 | 1.038 | 1.188 |
| LRI | AllAge | 18.70 | 1.101 | 1.039 | 1.189 |



|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 18.80 | 1.102 | 1.039 | 1.19  |
| LRI | AllAge | 18.90 | 1.103 | 1.04  | 1.191 |
| LRI | AllAge | 19.00 | 1.104 | 1.04  | 1.192 |
| LRI | AllAge | 19.10 | 1.104 | 1.041 | 1.194 |
| LRI | AllAge | 19.20 | 1.105 | 1.041 | 1.195 |
| LRI | AllAge | 19.30 | 1.106 | 1.041 | 1.196 |
| LRI | AllAge | 19.40 | 1.106 | 1.042 | 1.197 |
| LRI | AllAge | 19.50 | 1.107 | 1.042 | 1.198 |
| LRI | AllAge | 19.60 | 1.108 | 1.043 | 1.199 |
| LRI | AllAge | 19.70 | 1.109 | 1.043 | 1.2   |
| LRI | AllAge | 19.80 | 1.109 | 1.043 | 1.201 |
| LRI | AllAge | 19.90 | 1.11  | 1.044 | 1.202 |
| LRI | AllAge | 20.00 | 1.111 | 1.044 | 1.203 |
| LRI | AllAge | 20.10 | 1.111 | 1.045 | 1.205 |
| LRI | AllAge | 20.20 | 1.112 | 1.045 | 1.206 |
| LRI | AllAge | 20.30 | 1.113 | 1.046 | 1.207 |
| LRI | AllAge | 20.40 | 1.113 | 1.046 | 1.208 |
| LRI | AllAge | 20.50 | 1.114 | 1.047 | 1.209 |
| LRI | AllAge | 20.60 | 1.115 | 1.047 | 1.21  |
| LRI | AllAge | 20.70 | 1.116 | 1.047 | 1.211 |
| LRI | AllAge | 20.80 | 1.116 | 1.048 | 1.212 |
| LRI | AllAge | 20.90 | 1.117 | 1.048 | 1.213 |
| LRI | AllAge | 21.00 | 1.118 | 1.049 | 1.214 |
| LRI | AllAge | 21.10 | 1.118 | 1.049 | 1.215 |
| LRI | AllAge | 21.20 | 1.119 | 1.05  | 1.216 |
| LRI | AllAge | 21.30 | 1.12  | 1.05  | 1.218 |
| LRI | AllAge | 21.40 | 1.12  | 1.05  | 1.219 |
| LRI | AllAge | 21.50 | 1.121 | 1.051 | 1.22  |
| LRI | AllAge | 21.60 | 1.122 | 1.051 | 1.221 |
| LRI | AllAge | 21.70 | 1.123 | 1.052 | 1.222 |
| LRI | AllAge | 21.80 | 1.123 | 1.052 | 1.223 |
| LRI | AllAge | 21.90 | 1.124 | 1.053 | 1.224 |
| LRI | AllAge | 22.00 | 1.125 | 1.053 | 1.225 |
| LRI | AllAge | 22.10 | 1.125 | 1.054 | 1.226 |
| LRI | AllAge | 22.20 | 1.126 | 1.054 | 1.227 |
| LRI | AllAge | 22.30 | 1.127 | 1.054 | 1.228 |
| LRI | AllAge | 22.40 | 1.127 | 1.055 | 1.229 |
| LRI | AllAge | 22.50 | 1.128 | 1.055 | 1.23  |
| LRI | AllAge | 22.60 | 1.129 | 1.056 | 1.231 |
| LRI | AllAge | 22.70 | 1.129 | 1.056 | 1.232 |
| LRI | AllAge | 22.80 | 1.13  | 1.056 | 1.233 |
| LRI | AllAge | 22.90 | 1.131 | 1.057 | 1.235 |
| LRI | AllAge | 23.00 | 1.132 | 1.057 | 1.236 |
| LRI | AllAge | 23.10 | 1.132 | 1.058 | 1.237 |
| LRI | AllAge | 23.20 | 1.133 | 1.058 | 1.238 |
| LRI | AllAge | 23.30 | 1.134 | 1.058 | 1.239 |
| LRI | AllAge | 23.40 | 1.134 | 1.059 | 1.24  |
| LRI | AllAge | 23.50 | 1.135 | 1.059 | 1.241 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 23.60 | 1.136 | 1.06  | 1.242 |
| LRI | AllAge | 23.70 | 1.136 | 1.06  | 1.243 |
| LRI | AllAge | 23.80 | 1.137 | 1.06  | 1.244 |
| LRI | AllAge | 23.90 | 1.138 | 1.061 | 1.245 |
| LRI | AllAge | 24.00 | 1.138 | 1.061 | 1.246 |
| LRI | AllAge | 24.10 | 1.139 | 1.062 | 1.247 |
| LRI | AllAge | 24.20 | 1.14  | 1.062 | 1.248 |
| LRI | AllAge | 24.30 | 1.141 | 1.063 | 1.249 |
| LRI | AllAge | 24.40 | 1.141 | 1.063 | 1.25  |
| LRI | AllAge | 24.50 | 1.142 | 1.063 | 1.251 |
| LRI | AllAge | 24.60 | 1.143 | 1.064 | 1.252 |
| LRI | AllAge | 24.70 | 1.143 | 1.064 | 1.253 |
| LRI | AllAge | 24.80 | 1.144 | 1.065 | 1.254 |
| LRI | AllAge | 24.90 | 1.145 | 1.065 | 1.255 |
| LRI | AllAge | 25.00 | 1.145 | 1.065 | 1.256 |
| LRI | AllAge | 25.10 | 1.146 | 1.066 | 1.257 |
| LRI | AllAge | 25.20 | 1.147 | 1.066 | 1.258 |
| LRI | AllAge | 25.30 | 1.147 | 1.067 | 1.259 |
| LRI | AllAge | 25.40 | 1.148 | 1.067 | 1.26  |
| LRI | AllAge | 25.50 | 1.149 | 1.068 | 1.261 |
| LRI | AllAge | 25.60 | 1.149 | 1.068 | 1.262 |
| LRI | AllAge | 25.70 | 1.15  | 1.068 | 1.263 |
| LRI | AllAge | 25.80 | 1.151 | 1.069 | 1.264 |
| LRI | AllAge | 25.90 | 1.152 | 1.069 | 1.265 |
| LRI | AllAge | 26.00 | 1.152 | 1.07  | 1.267 |
| LRI | AllAge | 26.10 | 1.153 | 1.07  | 1.268 |
| LRI | AllAge | 26.20 | 1.154 | 1.071 | 1.269 |
| LRI | AllAge | 26.30 | 1.154 | 1.071 | 1.27  |
| LRI | AllAge | 26.40 | 1.155 | 1.071 | 1.271 |
| LRI | AllAge | 26.50 | 1.156 | 1.072 | 1.272 |
| LRI | AllAge | 26.60 | 1.156 | 1.072 | 1.273 |
| LRI | AllAge | 26.70 | 1.157 | 1.073 | 1.274 |
| LRI | AllAge | 26.80 | 1.158 | 1.073 | 1.275 |
| LRI | AllAge | 26.90 | 1.158 | 1.073 | 1.276 |
| LRI | AllAge | 27.00 | 1.159 | 1.074 | 1.277 |
| LRI | AllAge | 27.10 | 1.16  | 1.074 | 1.278 |
| LRI | AllAge | 27.20 | 1.16  | 1.075 | 1.279 |
| LRI | AllAge | 27.30 | 1.161 | 1.075 | 1.28  |
| LRI | AllAge | 27.40 | 1.162 | 1.076 | 1.281 |
| LRI | AllAge | 27.50 | 1.162 | 1.076 | 1.282 |
| LRI | AllAge | 27.60 | 1.163 | 1.076 | 1.283 |
| LRI | AllAge | 27.70 | 1.164 | 1.077 | 1.284 |
| LRI | AllAge | 27.80 | 1.164 | 1.077 | 1.284 |
| LRI | AllAge | 27.90 | 1.165 | 1.078 | 1.285 |
| LRI | AllAge | 28.00 | 1.166 | 1.078 | 1.286 |
| LRI | AllAge | 28.10 | 1.166 | 1.078 | 1.287 |
| LRI | AllAge | 28.20 | 1.167 | 1.079 | 1.288 |
| LRI | AllAge | 28.30 | 1.168 | 1.079 | 1.289 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 28.40 | 1.169 | 1.08  | 1.29  |
| LRI | AllAge | 28.50 | 1.169 | 1.08  | 1.291 |
| LRI | AllAge | 28.60 | 1.17  | 1.081 | 1.292 |
| LRI | AllAge | 28.70 | 1.171 | 1.081 | 1.293 |
| LRI | AllAge | 28.80 | 1.171 | 1.081 | 1.294 |
| LRI | AllAge | 28.90 | 1.172 | 1.082 | 1.295 |
| LRI | AllAge | 29.00 | 1.173 | 1.082 | 1.296 |
| LRI | AllAge | 29.10 | 1.173 | 1.083 | 1.297 |
| LRI | AllAge | 29.20 | 1.174 | 1.083 | 1.298 |
| LRI | AllAge | 29.30 | 1.175 | 1.083 | 1.299 |
| LRI | AllAge | 29.40 | 1.175 | 1.084 | 1.3   |
| LRI | AllAge | 29.50 | 1.176 | 1.084 | 1.301 |
| LRI | AllAge | 29.60 | 1.177 | 1.085 | 1.302 |
| LRI | AllAge | 29.70 | 1.177 | 1.085 | 1.303 |
| LRI | AllAge | 29.80 | 1.178 | 1.085 | 1.304 |
| LRI | AllAge | 29.90 | 1.179 | 1.086 | 1.305 |
| LRI | AllAge | 30.00 | 1.179 | 1.086 | 1.306 |
| LRI | AllAge | 30.10 | 1.18  | 1.087 | 1.306 |
| LRI | AllAge | 30.20 | 1.181 | 1.087 | 1.307 |
| LRI | AllAge | 30.30 | 1.181 | 1.087 | 1.308 |
| LRI | AllAge | 30.40 | 1.182 | 1.088 | 1.309 |
| LRI | AllAge | 30.50 | 1.183 | 1.088 | 1.31  |
| LRI | AllAge | 30.60 | 1.183 | 1.089 | 1.311 |
| LRI | AllAge | 30.70 | 1.184 | 1.089 | 1.312 |
| LRI | AllAge | 30.80 | 1.185 | 1.089 | 1.313 |
| LRI | AllAge | 30.90 | 1.185 | 1.09  | 1.314 |
| LRI | AllAge | 31.00 | 1.186 | 1.09  | 1.315 |
| LRI | AllAge | 31.10 | 1.187 | 1.091 | 1.316 |
| LRI | AllAge | 31.20 | 1.187 | 1.091 | 1.317 |
| LRI | AllAge | 31.30 | 1.188 | 1.091 | 1.318 |
| LRI | AllAge | 31.40 | 1.189 | 1.092 | 1.319 |
| LRI | AllAge | 31.50 | 1.189 | 1.092 | 1.32  |
| LRI | AllAge | 31.60 | 1.19  | 1.092 | 1.32  |
| LRI | AllAge | 31.70 | 1.191 | 1.093 | 1.321 |
| LRI | AllAge | 31.80 | 1.191 | 1.093 | 1.322 |
| LRI | AllAge | 31.90 | 1.192 | 1.094 | 1.323 |
| LRI | AllAge | 32.00 | 1.193 | 1.094 | 1.324 |
| LRI | AllAge | 32.10 | 1.193 | 1.094 | 1.325 |
| LRI | AllAge | 32.20 | 1.194 | 1.095 | 1.326 |
| LRI | AllAge | 32.30 | 1.195 | 1.095 | 1.327 |
| LRI | AllAge | 32.40 | 1.195 | 1.096 | 1.328 |
| LRI | AllAge | 32.50 | 1.196 | 1.096 | 1.329 |
| LRI | AllAge | 32.60 | 1.197 | 1.096 | 1.33  |
| LRI | AllAge | 32.70 | 1.197 | 1.097 | 1.331 |
| LRI | AllAge | 32.80 | 1.198 | 1.097 | 1.332 |
| LRI | AllAge | 32.90 | 1.199 | 1.098 | 1.332 |
| LRI | AllAge | 33.00 | 1.199 | 1.098 | 1.333 |
| LRI | AllAge | 33.10 | 1.2   | 1.098 | 1.334 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 33.20 | 1.201 | 1.099 | 1.335 |
| LRI | AllAge | 33.30 | 1.201 | 1.099 | 1.336 |
| LRI | AllAge | 33.40 | 1.202 | 1.1   | 1.337 |
| LRI | AllAge | 33.50 | 1.203 | 1.1   | 1.338 |
| LRI | AllAge | 33.60 | 1.203 | 1.101 | 1.339 |
| LRI | AllAge | 33.70 | 1.204 | 1.101 | 1.34  |
| LRI | AllAge | 33.80 | 1.205 | 1.101 | 1.341 |
| LRI | AllAge | 33.90 | 1.205 | 1.102 | 1.342 |
| LRI | AllAge | 34.00 | 1.206 | 1.102 | 1.342 |
| LRI | AllAge | 34.10 | 1.207 | 1.103 | 1.343 |
| LRI | AllAge | 34.20 | 1.207 | 1.103 | 1.344 |
| LRI | AllAge | 34.30 | 1.208 | 1.104 | 1.345 |
| LRI | AllAge | 34.40 | 1.209 | 1.104 | 1.346 |
| LRI | AllAge | 34.50 | 1.209 | 1.104 | 1.347 |
| LRI | AllAge | 34.60 | 1.21  | 1.105 | 1.348 |
| LRI | AllAge | 34.70 | 1.211 | 1.105 | 1.349 |
| LRI | AllAge | 34.80 | 1.211 | 1.106 | 1.35  |
| LRI | AllAge | 34.90 | 1.212 | 1.106 | 1.351 |
| LRI | AllAge | 35.00 | 1.212 | 1.106 | 1.351 |
| LRI | AllAge | 35.10 | 1.213 | 1.107 | 1.352 |
| LRI | AllAge | 35.20 | 1.214 | 1.107 | 1.353 |
| LRI | AllAge | 35.30 | 1.214 | 1.108 | 1.354 |
| LRI | AllAge | 35.40 | 1.215 | 1.108 | 1.355 |
| LRI | AllAge | 35.50 | 1.216 | 1.109 | 1.356 |
| LRI | AllAge | 35.60 | 1.216 | 1.109 | 1.358 |
| LRI | AllAge | 35.70 | 1.217 | 1.109 | 1.359 |
| LRI | AllAge | 35.80 | 1.218 | 1.11  | 1.36  |
| LRI | AllAge | 35.90 | 1.218 | 1.11  | 1.361 |
| LRI | AllAge | 36.00 | 1.219 | 1.111 | 1.362 |
| LRI | AllAge | 36.10 | 1.22  | 1.111 | 1.363 |
| LRI | AllAge | 36.20 | 1.22  | 1.111 | 1.364 |
| LRI | AllAge | 36.30 | 1.221 | 1.112 | 1.365 |
| LRI | AllAge | 36.40 | 1.222 | 1.112 | 1.366 |
| LRI | AllAge | 36.50 | 1.222 | 1.113 | 1.367 |
| LRI | AllAge | 36.60 | 1.223 | 1.113 | 1.368 |
| LRI | AllAge | 36.70 | 1.224 | 1.114 | 1.369 |
| LRI | AllAge | 36.80 | 1.224 | 1.114 | 1.37  |
| LRI | AllAge | 36.90 | 1.225 | 1.114 | 1.371 |
| LRI | AllAge | 37.00 | 1.226 | 1.115 | 1.372 |
| LRI | AllAge | 37.10 | 1.226 | 1.115 | 1.373 |
| LRI | AllAge | 37.20 | 1.227 | 1.116 | 1.374 |
| LRI | AllAge | 37.30 | 1.228 | 1.116 | 1.375 |
| LRI | AllAge | 37.40 | 1.228 | 1.116 | 1.376 |
| LRI | AllAge | 37.50 | 1.229 | 1.117 | 1.377 |
| LRI | AllAge | 37.60 | 1.229 | 1.117 | 1.378 |
| LRI | AllAge | 37.70 | 1.23  | 1.118 | 1.379 |
| LRI | AllAge | 37.80 | 1.231 | 1.118 | 1.38  |
| LRI | AllAge | 37.90 | 1.231 | 1.119 | 1.381 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 38.00 | 1.232 | 1.119 | 1.382 |
| LRI | AllAge | 38.10 | 1.233 | 1.119 | 1.383 |
| LRI | AllAge | 38.20 | 1.233 | 1.12  | 1.384 |
| LRI | AllAge | 38.30 | 1.234 | 1.12  | 1.385 |
| LRI | AllAge | 38.40 | 1.235 | 1.121 | 1.386 |
| LRI | AllAge | 38.50 | 1.235 | 1.121 | 1.386 |
| LRI | AllAge | 38.60 | 1.236 | 1.121 | 1.387 |
| LRI | AllAge | 38.70 | 1.237 | 1.122 | 1.388 |
| LRI | AllAge | 38.80 | 1.237 | 1.122 | 1.389 |
| LRI | AllAge | 38.90 | 1.238 | 1.122 | 1.39  |
| LRI | AllAge | 39.00 | 1.238 | 1.123 | 1.391 |
| LRI | AllAge | 39.10 | 1.239 | 1.123 | 1.392 |
| LRI | AllAge | 39.20 | 1.24  | 1.124 | 1.393 |
| LRI | AllAge | 39.30 | 1.24  | 1.124 | 1.394 |
| LRI | AllAge | 39.40 | 1.241 | 1.124 | 1.395 |
| LRI | AllAge | 39.50 | 1.242 | 1.125 | 1.395 |
| LRI | AllAge | 39.60 | 1.242 | 1.125 | 1.396 |
| LRI | AllAge | 39.70 | 1.243 | 1.126 | 1.397 |
| LRI | AllAge | 39.80 | 1.244 | 1.126 | 1.398 |
| LRI | AllAge | 39.90 | 1.244 | 1.127 | 1.399 |
| LRI | AllAge | 40.00 | 1.245 | 1.127 | 1.4   |
| LRI | AllAge | 40.10 | 1.246 | 1.127 | 1.401 |
| LRI | AllAge | 40.20 | 1.246 | 1.128 | 1.402 |
| LRI | AllAge | 40.30 | 1.247 | 1.128 | 1.403 |
| LRI | AllAge | 40.40 | 1.247 | 1.129 | 1.403 |
| LRI | AllAge | 40.50 | 1.248 | 1.129 | 1.404 |
| LRI | AllAge | 40.60 | 1.249 | 1.13  | 1.405 |
| LRI | AllAge | 40.70 | 1.249 | 1.13  | 1.406 |
| LRI | AllAge | 40.80 | 1.25  | 1.13  | 1.407 |
| LRI | AllAge | 40.90 | 1.251 | 1.131 | 1.408 |
| LRI | AllAge | 41.00 | 1.251 | 1.131 | 1.409 |
| LRI | AllAge | 41.10 | 1.252 | 1.132 | 1.41  |
| LRI | AllAge | 41.20 | 1.253 | 1.132 | 1.411 |
| LRI | AllAge | 41.30 | 1.253 | 1.133 | 1.411 |
| LRI | AllAge | 41.40 | 1.254 | 1.133 | 1.412 |
| LRI | AllAge | 41.50 | 1.255 | 1.133 | 1.413 |
| LRI | AllAge | 41.60 | 1.255 | 1.134 | 1.414 |
| LRI | AllAge | 41.70 | 1.256 | 1.134 | 1.415 |
| LRI | AllAge | 41.80 | 1.256 | 1.135 | 1.416 |
| LRI | AllAge | 41.90 | 1.257 | 1.135 | 1.417 |
| LRI | AllAge | 42.00 | 1.258 | 1.136 | 1.418 |
| LRI | AllAge | 42.10 | 1.258 | 1.136 | 1.419 |
| LRI | AllAge | 42.20 | 1.259 | 1.136 | 1.419 |
| LRI | AllAge | 42.30 | 1.26  | 1.137 | 1.42  |
| LRI | AllAge | 42.40 | 1.26  | 1.137 | 1.421 |
| LRI | AllAge | 42.50 | 1.261 | 1.138 | 1.422 |
| LRI | AllAge | 42.60 | 1.261 | 1.138 | 1.423 |
| LRI | AllAge | 42.70 | 1.262 | 1.138 | 1.424 |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 42.80 | 1.263 | 1.139 | 1.425 |
| LRI | AllAge | 42.90 | 1.263 | 1.139 | 1.426 |
| LRI | AllAge | 43.00 | 1.264 | 1.14  | 1.427 |
| LRI | AllAge | 43.10 | 1.265 | 1.14  | 1.428 |
| LRI | AllAge | 43.20 | 1.265 | 1.14  | 1.429 |
| LRI | AllAge | 43.30 | 1.266 | 1.141 | 1.43  |
| LRI | AllAge | 43.40 | 1.267 | 1.141 | 1.431 |
| LRI | AllAge | 43.50 | 1.267 | 1.142 | 1.432 |
| LRI | AllAge | 43.60 | 1.268 | 1.142 | 1.433 |
| LRI | AllAge | 43.70 | 1.268 | 1.142 | 1.434 |
| LRI | AllAge | 43.80 | 1.269 | 1.143 | 1.435 |
| LRI | AllAge | 43.90 | 1.27  | 1.143 | 1.436 |
| LRI | AllAge | 44.00 | 1.27  | 1.144 | 1.437 |
| LRI | AllAge | 44.10 | 1.271 | 1.144 | 1.438 |
| LRI | AllAge | 44.20 | 1.272 | 1.145 | 1.439 |
| LRI | AllAge | 44.30 | 1.272 | 1.145 | 1.44  |
| LRI | AllAge | 44.40 | 1.273 | 1.145 | 1.441 |
| LRI | AllAge | 44.50 | 1.273 | 1.146 | 1.442 |
| LRI | AllAge | 44.60 | 1.274 | 1.146 | 1.443 |
| LRI | AllAge | 44.70 | 1.275 | 1.147 | 1.444 |
| LRI | AllAge | 44.80 | 1.275 | 1.147 | 1.445 |
| LRI | AllAge | 44.90 | 1.276 | 1.147 | 1.446 |
| LRI | AllAge | 45.00 | 1.277 | 1.148 | 1.447 |
| LRI | AllAge | 45.10 | 1.277 | 1.148 | 1.447 |
| LRI | AllAge | 45.20 | 1.278 | 1.149 | 1.448 |
| LRI | AllAge | 45.30 | 1.279 | 1.149 | 1.449 |
| LRI | AllAge | 45.40 | 1.279 | 1.149 | 1.45  |
| LRI | AllAge | 45.50 | 1.28  | 1.15  | 1.451 |
| LRI | AllAge | 45.60 | 1.28  | 1.15  | 1.452 |
| LRI | AllAge | 45.70 | 1.281 | 1.151 | 1.453 |
| LRI | AllAge | 45.80 | 1.282 | 1.151 | 1.454 |
| LRI | AllAge | 45.90 | 1.282 | 1.151 | 1.455 |
| LRI | AllAge | 46.00 | 1.283 | 1.152 | 1.456 |
| LRI | AllAge | 46.10 | 1.284 | 1.152 | 1.457 |
| LRI | AllAge | 46.20 | 1.284 | 1.153 | 1.458 |
| LRI | AllAge | 46.30 | 1.285 | 1.153 | 1.459 |
| LRI | AllAge | 46.40 | 1.285 | 1.153 | 1.46  |
| LRI | AllAge | 46.50 | 1.286 | 1.154 | 1.461 |
| LRI | AllAge | 46.60 | 1.287 | 1.154 | 1.462 |
| LRI | AllAge | 46.70 | 1.287 | 1.155 | 1.463 |
| LRI | AllAge | 46.80 | 1.288 | 1.155 | 1.464 |
| LRI | AllAge | 46.90 | 1.288 | 1.156 | 1.465 |
| LRI | AllAge | 47.00 | 1.289 | 1.156 | 1.466 |
| LRI | AllAge | 47.10 | 1.29  | 1.156 | 1.467 |
| LRI | AllAge | 47.20 | 1.29  | 1.157 | 1.467 |
| LRI | AllAge | 47.30 | 1.291 | 1.157 | 1.468 |
| LRI | AllAge | 47.40 | 1.292 | 1.158 | 1.469 |
| LRI | AllAge | 47.50 | 1.292 | 1.158 | 1.47  |

|     |        |       |       |       |       |
|-----|--------|-------|-------|-------|-------|
| LRI | AllAge | 47.60 | 1.293 | 1.158 | 1.471 |
| LRI | AllAge | 47.70 | 1.293 | 1.159 | 1.472 |
| LRI | AllAge | 47.80 | 1.294 | 1.159 | 1.473 |
| LRI | AllAge | 47.90 | 1.295 | 1.16  | 1.474 |
| LRI | AllAge | 48.00 | 1.295 | 1.16  | 1.475 |
| LRI | AllAge | 48.10 | 1.296 | 1.16  | 1.476 |
| LRI | AllAge | 48.20 | 1.297 | 1.161 | 1.477 |
| LRI | AllAge | 48.30 | 1.297 | 1.161 | 1.478 |
| LRI | AllAge | 48.40 | 1.298 | 1.162 | 1.479 |
| LRI | AllAge | 48.50 | 1.298 | 1.162 | 1.48  |
| LRI | AllAge | 48.60 | 1.299 | 1.162 | 1.481 |
| LRI | AllAge | 48.70 | 1.3   | 1.163 | 1.482 |
| LRI | AllAge | 48.80 | 1.3   | 1.163 | 1.483 |
| LRI | AllAge | 48.90 | 1.301 | 1.164 | 1.483 |
| LRI | AllAge | 49.00 | 1.301 | 1.164 | 1.484 |
| LRI | AllAge | 49.10 | 1.302 | 1.164 | 1.485 |
| LRI | AllAge | 49.20 | 1.303 | 1.165 | 1.486 |
| LRI | AllAge | 49.30 | 1.303 | 1.165 | 1.487 |
| LRI | AllAge | 49.40 | 1.304 | 1.166 | 1.488 |
| LRI | AllAge | 49.50 | 1.305 | 1.166 | 1.489 |
| LRI | AllAge | 49.60 | 1.305 | 1.166 | 1.49  |
| LRI | AllAge | 49.70 | 1.306 | 1.167 | 1.491 |
| LRI | AllAge | 49.80 | 1.306 | 1.167 | 1.492 |
| LRI | AllAge | 49.90 | 1.307 | 1.168 | 1.493 |

### Chronic Obstructive Pulmonary Disease (COPD)

| CAUSE | AGE    | PM25 | RR AVG | RR LOW | RR HIGH |
|-------|--------|------|--------|--------|---------|
| COPD  | AllAge | 0.00 | 1      | 1      | 1       |
| COPD  | AllAge | 0.10 | 1      | 1      | 1       |
| COPD  | AllAge | 0.20 | 1      | 1      | 1       |
| COPD  | AllAge | 0.30 | 1      | 1      | 1       |
| COPD  | AllAge | 0.40 | 1      | 1      | 1       |
| COPD  | AllAge | 0.50 | 1      | 1      | 1       |
| COPD  | AllAge | 0.60 | 1      | 1      | 1       |
| COPD  | AllAge | 0.70 | 1      | 1      | 1       |
| COPD  | AllAge | 0.80 | 1      | 1      | 1       |
| COPD  | AllAge | 0.90 | 1      | 1      | 1       |
| COPD  | AllAge | 1.00 | 1      | 1      | 1       |
| COPD  | AllAge | 1.10 | 1      | 1      | 1       |
| COPD  | AllAge | 1.20 | 1      | 1      | 1       |
| COPD  | AllAge | 1.30 | 1      | 1      | 1       |
| COPD  | AllAge | 1.40 | 1      | 1      | 1       |
| COPD  | AllAge | 1.50 | 1      | 1      | 1       |
| COPD  | AllAge | 1.60 | 1      | 1      | 1       |
| COPD  | AllAge | 1.70 | 1      | 1      | 1       |
| COPD  | AllAge | 1.80 | 1      | 1      | 1       |
| COPD  | AllAge | 1.90 | 1      | 1      | 1       |
| COPD  | AllAge | 2.00 | 1      | 1      | 1       |
| COPD  | AllAge | 2.10 | 1      | 1      | 1       |
| COPD  | AllAge | 2.20 | 1      | 1      | 1       |
| COPD  | AllAge | 2.30 | 1      | 1      | 1.001   |
| COPD  | AllAge | 2.40 | 1      | 1      | 1.003   |
| COPD  | AllAge | 2.50 | 1      | 1      | 1.004   |
| COPD  | AllAge | 2.60 | 1      | 1      | 1.006   |
| COPD  | AllAge | 2.70 | 1      | 1      | 1.007   |
| COPD  | AllAge | 2.80 | 1.001  | 1      | 1.008   |
| COPD  | AllAge | 2.90 | 1.001  | 1      | 1.01    |
| COPD  | AllAge | 3.00 | 1.001  | 1      | 1.011   |
| COPD  | AllAge | 3.10 | 1.001  | 1      | 1.013   |
| COPD  | AllAge | 3.20 | 1.001  | 1      | 1.014   |
| COPD  | AllAge | 3.30 | 1.002  | 1      | 1.015   |
| COPD  | AllAge | 3.40 | 1.002  | 1      | 1.017   |
| COPD  | AllAge | 3.50 | 1.002  | 1      | 1.018   |
| COPD  | AllAge | 3.60 | 1.003  | 1      | 1.02    |
| COPD  | AllAge | 3.70 | 1.003  | 1      | 1.021   |
| COPD  | AllAge | 3.80 | 1.004  | 1      | 1.023   |
| COPD  | AllAge | 3.90 | 1.004  | 1      | 1.024   |
| COPD  | AllAge | 4.00 | 1.005  | 1      | 1.026   |
| COPD  | AllAge | 4.10 | 1.005  | 1      | 1.027   |
| COPD  | AllAge | 4.20 | 1.006  | 1      | 1.028   |
| COPD  | AllAge | 4.30 | 1.006  | 1      | 1.03    |
| COPD  | AllAge | 4.40 | 1.007  | 1      | 1.031   |



|      |        |      |       |       |       |
|------|--------|------|-------|-------|-------|
| COPD | AllAge | 4.50 | 1.008 | 1     | 1.032 |
| COPD | AllAge | 4.60 | 1.008 | 1     | 1.034 |
| COPD | AllAge | 4.70 | 1.009 | 1     | 1.035 |
| COPD | AllAge | 4.80 | 1.01  | 1     | 1.037 |
| COPD | AllAge | 4.90 | 1.01  | 1     | 1.038 |
| COPD | AllAge | 5.00 | 1.011 | 1     | 1.039 |
| COPD | AllAge | 5.10 | 1.012 | 1     | 1.041 |
| COPD | AllAge | 5.20 | 1.013 | 1     | 1.042 |
| COPD | AllAge | 5.30 | 1.014 | 1     | 1.043 |
| COPD | AllAge | 5.40 | 1.014 | 1     | 1.044 |
| COPD | AllAge | 5.50 | 1.015 | 1     | 1.046 |
| COPD | AllAge | 5.60 | 1.016 | 1     | 1.047 |
| COPD | AllAge | 5.70 | 1.017 | 1     | 1.049 |
| COPD | AllAge | 5.80 | 1.018 | 1     | 1.05  |
| COPD | AllAge | 5.90 | 1.019 | 1     | 1.051 |
| COPD | AllAge | 6.00 | 1.02  | 1     | 1.053 |
| COPD | AllAge | 6.10 | 1.021 | 1     | 1.054 |
| COPD | AllAge | 6.20 | 1.022 | 1     | 1.056 |
| COPD | AllAge | 6.30 | 1.022 | 1     | 1.057 |
| COPD | AllAge | 6.40 | 1.023 | 1     | 1.058 |
| COPD | AllAge | 6.50 | 1.024 | 1     | 1.06  |
| COPD | AllAge | 6.60 | 1.025 | 1     | 1.061 |
| COPD | AllAge | 6.70 | 1.026 | 1     | 1.062 |
| COPD | AllAge | 6.80 | 1.027 | 1     | 1.064 |
| COPD | AllAge | 6.90 | 1.028 | 1     | 1.065 |
| COPD | AllAge | 7.00 | 1.029 | 1     | 1.067 |
| COPD | AllAge | 7.10 | 1.03  | 1     | 1.068 |
| COPD | AllAge | 7.20 | 1.031 | 1     | 1.069 |
| COPD | AllAge | 7.30 | 1.032 | 1     | 1.071 |
| COPD | AllAge | 7.40 | 1.033 | 1     | 1.072 |
| COPD | AllAge | 7.50 | 1.034 | 1     | 1.073 |
| COPD | AllAge | 7.60 | 1.035 | 1     | 1.075 |
| COPD | AllAge | 7.70 | 1.036 | 1     | 1.076 |
| COPD | AllAge | 7.80 | 1.037 | 1     | 1.077 |
| COPD | AllAge | 7.90 | 1.038 | 1.001 | 1.079 |
| COPD | AllAge | 8.00 | 1.039 | 1.002 | 1.08  |
| COPD | AllAge | 8.10 | 1.04  | 1.002 | 1.081 |
| COPD | AllAge | 8.20 | 1.041 | 1.003 | 1.083 |
| COPD | AllAge | 8.30 | 1.043 | 1.004 | 1.084 |
| COPD | AllAge | 8.40 | 1.044 | 1.005 | 1.085 |
| COPD | AllAge | 8.50 | 1.045 | 1.005 | 1.087 |
| COPD | AllAge | 8.60 | 1.046 | 1.006 | 1.088 |
| COPD | AllAge | 8.70 | 1.047 | 1.007 | 1.089 |
| COPD | AllAge | 8.80 | 1.048 | 1.008 | 1.091 |
| COPD | AllAge | 8.90 | 1.049 | 1.008 | 1.092 |
| COPD | AllAge | 9.00 | 1.05  | 1.009 | 1.093 |
| COPD | AllAge | 9.10 | 1.051 | 1.01  | 1.095 |
| COPD | AllAge | 9.20 | 1.052 | 1.011 | 1.096 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 9.30  | 1.053 | 1.011 | 1.097 |
| COPD | AllAge | 9.40  | 1.054 | 1.012 | 1.099 |
| COPD | AllAge | 9.50  | 1.055 | 1.013 | 1.1   |
| COPD | AllAge | 9.60  | 1.056 | 1.014 | 1.101 |
| COPD | AllAge | 9.70  | 1.057 | 1.014 | 1.103 |
| COPD | AllAge | 9.80  | 1.058 | 1.015 | 1.104 |
| COPD | AllAge | 9.90  | 1.059 | 1.016 | 1.105 |
| COPD | AllAge | 10.00 | 1.06  | 1.016 | 1.107 |
| COPD | AllAge | 10.10 | 1.061 | 1.017 | 1.108 |
| COPD | AllAge | 10.20 | 1.062 | 1.018 | 1.11  |
| COPD | AllAge | 10.30 | 1.063 | 1.018 | 1.111 |
| COPD | AllAge | 10.40 | 1.064 | 1.019 | 1.112 |
| COPD | AllAge | 10.50 | 1.065 | 1.02  | 1.114 |
| COPD | AllAge | 10.60 | 1.066 | 1.021 | 1.115 |
| COPD | AllAge | 10.70 | 1.067 | 1.021 | 1.117 |
| COPD | AllAge | 10.80 | 1.068 | 1.022 | 1.118 |
| COPD | AllAge | 10.90 | 1.069 | 1.023 | 1.119 |
| COPD | AllAge | 11.00 | 1.07  | 1.023 | 1.121 |
| COPD | AllAge | 11.10 | 1.071 | 1.024 | 1.122 |
| COPD | AllAge | 11.20 | 1.072 | 1.025 | 1.124 |
| COPD | AllAge | 11.30 | 1.073 | 1.025 | 1.125 |
| COPD | AllAge | 11.40 | 1.074 | 1.026 | 1.126 |
| COPD | AllAge | 11.50 | 1.075 | 1.027 | 1.128 |
| COPD | AllAge | 11.60 | 1.076 | 1.028 | 1.129 |
| COPD | AllAge | 11.70 | 1.077 | 1.028 | 1.13  |
| COPD | AllAge | 11.80 | 1.078 | 1.029 | 1.132 |
| COPD | AllAge | 11.90 | 1.079 | 1.03  | 1.133 |
| COPD | AllAge | 12.00 | 1.08  | 1.03  | 1.135 |
| COPD | AllAge | 12.10 | 1.081 | 1.031 | 1.136 |
| COPD | AllAge | 12.20 | 1.082 | 1.032 | 1.137 |
| COPD | AllAge | 12.30 | 1.083 | 1.032 | 1.139 |
| COPD | AllAge | 12.40 | 1.084 | 1.033 | 1.14  |
| COPD | AllAge | 12.50 | 1.085 | 1.034 | 1.141 |
| COPD | AllAge | 12.60 | 1.086 | 1.035 | 1.143 |
| COPD | AllAge | 12.70 | 1.087 | 1.035 | 1.144 |
| COPD | AllAge | 12.80 | 1.088 | 1.036 | 1.145 |
| COPD | AllAge | 12.90 | 1.089 | 1.037 | 1.147 |
| COPD | AllAge | 13.00 | 1.09  | 1.037 | 1.148 |
| COPD | AllAge | 13.10 | 1.091 | 1.038 | 1.15  |
| COPD | AllAge | 13.20 | 1.092 | 1.039 | 1.151 |
| COPD | AllAge | 13.30 | 1.093 | 1.04  | 1.152 |
| COPD | AllAge | 13.40 | 1.094 | 1.04  | 1.154 |
| COPD | AllAge | 13.50 | 1.095 | 1.041 | 1.155 |
| COPD | AllAge | 13.60 | 1.096 | 1.042 | 1.156 |
| COPD | AllAge | 13.70 | 1.097 | 1.043 | 1.158 |
| COPD | AllAge | 13.80 | 1.098 | 1.043 | 1.159 |
| COPD | AllAge | 13.90 | 1.099 | 1.044 | 1.16  |
| COPD | AllAge | 14.00 | 1.1   | 1.045 | 1.162 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 14.10 | 1.101 | 1.046 | 1.163 |
| COPD | AllAge | 14.20 | 1.102 | 1.046 | 1.164 |
| COPD | AllAge | 14.30 | 1.103 | 1.047 | 1.166 |
| COPD | AllAge | 14.40 | 1.104 | 1.048 | 1.167 |
| COPD | AllAge | 14.50 | 1.105 | 1.049 | 1.168 |
| COPD | AllAge | 14.60 | 1.106 | 1.05  | 1.17  |
| COPD | AllAge | 14.70 | 1.107 | 1.05  | 1.171 |
| COPD | AllAge | 14.80 | 1.108 | 1.051 | 1.172 |
| COPD | AllAge | 14.90 | 1.109 | 1.052 | 1.174 |
| COPD | AllAge | 15.00 | 1.11  | 1.053 | 1.175 |
| COPD | AllAge | 15.10 | 1.111 | 1.053 | 1.176 |
| COPD | AllAge | 15.20 | 1.112 | 1.054 | 1.177 |
| COPD | AllAge | 15.30 | 1.113 | 1.055 | 1.179 |
| COPD | AllAge | 15.40 | 1.114 | 1.056 | 1.18  |
| COPD | AllAge | 15.50 | 1.115 | 1.056 | 1.181 |
| COPD | AllAge | 15.60 | 1.116 | 1.057 | 1.183 |
| COPD | AllAge | 15.70 | 1.117 | 1.058 | 1.184 |
| COPD | AllAge | 15.80 | 1.118 | 1.059 | 1.185 |
| COPD | AllAge | 15.90 | 1.119 | 1.059 | 1.187 |
| COPD | AllAge | 16.00 | 1.12  | 1.06  | 1.188 |
| COPD | AllAge | 16.10 | 1.121 | 1.061 | 1.189 |
| COPD | AllAge | 16.20 | 1.122 | 1.062 | 1.191 |
| COPD | AllAge | 16.30 | 1.123 | 1.062 | 1.192 |
| COPD | AllAge | 16.40 | 1.124 | 1.063 | 1.193 |
| COPD | AllAge | 16.50 | 1.125 | 1.064 | 1.195 |
| COPD | AllAge | 16.60 | 1.126 | 1.065 | 1.196 |
| COPD | AllAge | 16.70 | 1.127 | 1.065 | 1.198 |
| COPD | AllAge | 16.80 | 1.128 | 1.066 | 1.199 |
| COPD | AllAge | 16.90 | 1.129 | 1.067 | 1.2   |
| COPD | AllAge | 17.00 | 1.13  | 1.067 | 1.202 |
| COPD | AllAge | 17.10 | 1.131 | 1.068 | 1.203 |
| COPD | AllAge | 17.20 | 1.132 | 1.069 | 1.204 |
| COPD | AllAge | 17.30 | 1.133 | 1.07  | 1.205 |
| COPD | AllAge | 17.40 | 1.134 | 1.07  | 1.206 |
| COPD | AllAge | 17.50 | 1.135 | 1.071 | 1.208 |
| COPD | AllAge | 17.60 | 1.136 | 1.072 | 1.209 |
| COPD | AllAge | 17.70 | 1.137 | 1.072 | 1.21  |
| COPD | AllAge | 17.80 | 1.138 | 1.073 | 1.211 |
| COPD | AllAge | 17.90 | 1.139 | 1.074 | 1.212 |
| COPD | AllAge | 18.00 | 1.14  | 1.075 | 1.213 |
| COPD | AllAge | 18.10 | 1.141 | 1.075 | 1.215 |
| COPD | AllAge | 18.20 | 1.142 | 1.076 | 1.216 |
| COPD | AllAge | 18.30 | 1.143 | 1.077 | 1.217 |
| COPD | AllAge | 18.40 | 1.144 | 1.078 | 1.218 |
| COPD | AllAge | 18.50 | 1.145 | 1.078 | 1.219 |
| COPD | AllAge | 18.60 | 1.146 | 1.079 | 1.22  |
| COPD | AllAge | 18.70 | 1.147 | 1.08  | 1.221 |
| COPD | AllAge | 18.80 | 1.148 | 1.081 | 1.222 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 18.90 | 1.149 | 1.081 | 1.223 |
| COPD | AllAge | 19.00 | 1.15  | 1.082 | 1.225 |
| COPD | AllAge | 19.10 | 1.15  | 1.083 | 1.226 |
| COPD | AllAge | 19.20 | 1.151 | 1.083 | 1.227 |
| COPD | AllAge | 19.30 | 1.152 | 1.084 | 1.228 |
| COPD | AllAge | 19.40 | 1.153 | 1.085 | 1.229 |
| COPD | AllAge | 19.50 | 1.154 | 1.086 | 1.23  |
| COPD | AllAge | 19.60 | 1.155 | 1.086 | 1.231 |
| COPD | AllAge | 19.70 | 1.156 | 1.087 | 1.232 |
| COPD | AllAge | 19.80 | 1.157 | 1.088 | 1.233 |
| COPD | AllAge | 19.90 | 1.158 | 1.089 | 1.234 |
| COPD | AllAge | 20.00 | 1.159 | 1.089 | 1.235 |
| COPD | AllAge | 20.10 | 1.16  | 1.09  | 1.237 |
| COPD | AllAge | 20.20 | 1.161 | 1.091 | 1.238 |
| COPD | AllAge | 20.30 | 1.162 | 1.091 | 1.239 |
| COPD | AllAge | 20.40 | 1.163 | 1.092 | 1.241 |
| COPD | AllAge | 20.50 | 1.164 | 1.093 | 1.242 |
| COPD | AllAge | 20.60 | 1.165 | 1.093 | 1.244 |
| COPD | AllAge | 20.70 | 1.166 | 1.094 | 1.245 |
| COPD | AllAge | 20.80 | 1.167 | 1.095 | 1.246 |
| COPD | AllAge | 20.90 | 1.168 | 1.096 | 1.248 |
| COPD | AllAge | 21.00 | 1.169 | 1.096 | 1.249 |
| COPD | AllAge | 21.10 | 1.17  | 1.097 | 1.25  |
| COPD | AllAge | 21.20 | 1.171 | 1.098 | 1.252 |
| COPD | AllAge | 21.30 | 1.172 | 1.098 | 1.253 |
| COPD | AllAge | 21.40 | 1.173 | 1.099 | 1.254 |
| COPD | AllAge | 21.50 | 1.174 | 1.1   | 1.256 |
| COPD | AllAge | 21.60 | 1.175 | 1.101 | 1.257 |
| COPD | AllAge | 21.70 | 1.176 | 1.101 | 1.259 |
| COPD | AllAge | 21.80 | 1.176 | 1.102 | 1.26  |
| COPD | AllAge | 21.90 | 1.177 | 1.103 | 1.261 |
| COPD | AllAge | 22.00 | 1.178 | 1.103 | 1.263 |
| COPD | AllAge | 22.10 | 1.179 | 1.104 | 1.264 |
| COPD | AllAge | 22.20 | 1.18  | 1.105 | 1.265 |
| COPD | AllAge | 22.30 | 1.181 | 1.106 | 1.266 |
| COPD | AllAge | 22.40 | 1.182 | 1.106 | 1.267 |
| COPD | AllAge | 22.50 | 1.183 | 1.107 | 1.269 |
| COPD | AllAge | 22.60 | 1.184 | 1.108 | 1.27  |
| COPD | AllAge | 22.70 | 1.185 | 1.109 | 1.271 |
| COPD | AllAge | 22.80 | 1.186 | 1.109 | 1.272 |
| COPD | AllAge | 22.90 | 1.187 | 1.11  | 1.273 |
| COPD | AllAge | 23.00 | 1.188 | 1.111 | 1.274 |
| COPD | AllAge | 23.10 | 1.189 | 1.112 | 1.276 |
| COPD | AllAge | 23.20 | 1.19  | 1.112 | 1.277 |
| COPD | AllAge | 23.30 | 1.191 | 1.113 | 1.278 |
| COPD | AllAge | 23.40 | 1.192 | 1.114 | 1.279 |
| COPD | AllAge | 23.50 | 1.193 | 1.114 | 1.28  |
| COPD | AllAge | 23.60 | 1.194 | 1.115 | 1.282 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 23.70 | 1.195 | 1.116 | 1.283 |
| COPD | AllAge | 23.80 | 1.195 | 1.117 | 1.284 |
| COPD | AllAge | 23.90 | 1.196 | 1.117 | 1.285 |
| COPD | AllAge | 24.00 | 1.197 | 1.118 | 1.286 |
| COPD | AllAge | 24.10 | 1.198 | 1.119 | 1.287 |
| COPD | AllAge | 24.20 | 1.199 | 1.12  | 1.289 |
| COPD | AllAge | 24.30 | 1.2   | 1.12  | 1.29  |
| COPD | AllAge | 24.40 | 1.201 | 1.121 | 1.291 |
| COPD | AllAge | 24.50 | 1.202 | 1.122 | 1.293 |
| COPD | AllAge | 24.60 | 1.203 | 1.122 | 1.294 |
| COPD | AllAge | 24.70 | 1.204 | 1.123 | 1.295 |
| COPD | AllAge | 24.80 | 1.205 | 1.124 | 1.296 |
| COPD | AllAge | 24.90 | 1.206 | 1.125 | 1.298 |
| COPD | AllAge | 25.00 | 1.207 | 1.125 | 1.299 |
| COPD | AllAge | 25.10 | 1.208 | 1.126 | 1.3   |
| COPD | AllAge | 25.20 | 1.209 | 1.127 | 1.301 |
| COPD | AllAge | 25.30 | 1.21  | 1.127 | 1.302 |
| COPD | AllAge | 25.40 | 1.211 | 1.128 | 1.303 |
| COPD | AllAge | 25.50 | 1.211 | 1.129 | 1.304 |
| COPD | AllAge | 25.60 | 1.212 | 1.129 | 1.305 |
| COPD | AllAge | 25.70 | 1.213 | 1.13  | 1.307 |
| COPD | AllAge | 25.80 | 1.214 | 1.131 | 1.308 |
| COPD | AllAge | 25.90 | 1.215 | 1.131 | 1.309 |
| COPD | AllAge | 26.00 | 1.216 | 1.132 | 1.31  |
| COPD | AllAge | 26.10 | 1.217 | 1.133 | 1.311 |
| COPD | AllAge | 26.20 | 1.218 | 1.133 | 1.312 |
| COPD | AllAge | 26.30 | 1.219 | 1.134 | 1.313 |
| COPD | AllAge | 26.40 | 1.22  | 1.135 | 1.314 |
| COPD | AllAge | 26.50 | 1.221 | 1.136 | 1.316 |
| COPD | AllAge | 26.60 | 1.222 | 1.136 | 1.317 |
| COPD | AllAge | 26.70 | 1.223 | 1.137 | 1.318 |
| COPD | AllAge | 26.80 | 1.224 | 1.138 | 1.319 |
| COPD | AllAge | 26.90 | 1.225 | 1.138 | 1.32  |
| COPD | AllAge | 27.00 | 1.225 | 1.139 | 1.321 |
| COPD | AllAge | 27.10 | 1.226 | 1.14  | 1.323 |
| COPD | AllAge | 27.20 | 1.227 | 1.14  | 1.324 |
| COPD | AllAge | 27.30 | 1.228 | 1.141 | 1.325 |
| COPD | AllAge | 27.40 | 1.229 | 1.142 | 1.326 |
| COPD | AllAge | 27.50 | 1.23  | 1.142 | 1.327 |
| COPD | AllAge | 27.60 | 1.231 | 1.143 | 1.329 |
| COPD | AllAge | 27.70 | 1.232 | 1.143 | 1.33  |
| COPD | AllAge | 27.80 | 1.233 | 1.144 | 1.331 |
| COPD | AllAge | 27.90 | 1.234 | 1.145 | 1.332 |
| COPD | AllAge | 28.00 | 1.235 | 1.145 | 1.334 |
| COPD | AllAge | 28.10 | 1.236 | 1.146 | 1.335 |
| COPD | AllAge | 28.20 | 1.237 | 1.147 | 1.336 |
| COPD | AllAge | 28.30 | 1.238 | 1.148 | 1.337 |
| COPD | AllAge | 28.40 | 1.238 | 1.148 | 1.339 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 28.50 | 1.239 | 1.149 | 1.34  |
| COPD | AllAge | 28.60 | 1.24  | 1.15  | 1.341 |
| COPD | AllAge | 28.70 | 1.241 | 1.15  | 1.343 |
| COPD | AllAge | 28.80 | 1.242 | 1.151 | 1.344 |
| COPD | AllAge | 28.90 | 1.243 | 1.152 | 1.345 |
| COPD | AllAge | 29.00 | 1.244 | 1.152 | 1.347 |
| COPD | AllAge | 29.10 | 1.245 | 1.153 | 1.348 |
| COPD | AllAge | 29.20 | 1.246 | 1.154 | 1.349 |
| COPD | AllAge | 29.30 | 1.247 | 1.155 | 1.35  |
| COPD | AllAge | 29.40 | 1.248 | 1.155 | 1.351 |
| COPD | AllAge | 29.50 | 1.249 | 1.156 | 1.352 |
| COPD | AllAge | 29.60 | 1.25  | 1.157 | 1.353 |
| COPD | AllAge | 29.70 | 1.25  | 1.157 | 1.354 |
| COPD | AllAge | 29.80 | 1.251 | 1.158 | 1.355 |
| COPD | AllAge | 29.90 | 1.252 | 1.159 | 1.356 |
| COPD | AllAge | 30.00 | 1.253 | 1.159 | 1.358 |
| COPD | AllAge | 30.10 | 1.254 | 1.16  | 1.359 |
| COPD | AllAge | 30.20 | 1.255 | 1.161 | 1.36  |
| COPD | AllAge | 30.30 | 1.256 | 1.161 | 1.361 |
| COPD | AllAge | 30.40 | 1.257 | 1.162 | 1.362 |
| COPD | AllAge | 30.50 | 1.258 | 1.163 | 1.363 |
| COPD | AllAge | 30.60 | 1.259 | 1.163 | 1.364 |
| COPD | AllAge | 30.70 | 1.26  | 1.164 | 1.365 |
| COPD | AllAge | 30.80 | 1.26  | 1.165 | 1.367 |
| COPD | AllAge | 30.90 | 1.261 | 1.165 | 1.368 |
| COPD | AllAge | 31.00 | 1.262 | 1.166 | 1.369 |
| COPD | AllAge | 31.10 | 1.263 | 1.167 | 1.37  |
| COPD | AllAge | 31.20 | 1.264 | 1.167 | 1.371 |
| COPD | AllAge | 31.30 | 1.265 | 1.168 | 1.372 |
| COPD | AllAge | 31.40 | 1.266 | 1.169 | 1.374 |
| COPD | AllAge | 31.50 | 1.267 | 1.17  | 1.375 |
| COPD | AllAge | 31.60 | 1.268 | 1.17  | 1.376 |
| COPD | AllAge | 31.70 | 1.269 | 1.171 | 1.377 |
| COPD | AllAge | 31.80 | 1.27  | 1.172 | 1.378 |
| COPD | AllAge | 31.90 | 1.27  | 1.172 | 1.379 |
| COPD | AllAge | 32.00 | 1.271 | 1.173 | 1.38  |
| COPD | AllAge | 32.10 | 1.272 | 1.174 | 1.382 |
| COPD | AllAge | 32.20 | 1.273 | 1.174 | 1.383 |
| COPD | AllAge | 32.30 | 1.274 | 1.175 | 1.384 |
| COPD | AllAge | 32.40 | 1.275 | 1.176 | 1.385 |
| COPD | AllAge | 32.50 | 1.276 | 1.176 | 1.386 |
| COPD | AllAge | 32.60 | 1.277 | 1.177 | 1.387 |
| COPD | AllAge | 32.70 | 1.278 | 1.178 | 1.388 |
| COPD | AllAge | 32.80 | 1.279 | 1.178 | 1.389 |
| COPD | AllAge | 32.90 | 1.28  | 1.179 | 1.39  |
| COPD | AllAge | 33.00 | 1.28  | 1.18  | 1.391 |
| COPD | AllAge | 33.10 | 1.281 | 1.18  | 1.392 |
| COPD | AllAge | 33.20 | 1.282 | 1.181 | 1.394 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 33.30 | 1.283 | 1.182 | 1.395 |
| COPD | AllAge | 33.40 | 1.284 | 1.182 | 1.396 |
| COPD | AllAge | 33.50 | 1.285 | 1.183 | 1.397 |
| COPD | AllAge | 33.60 | 1.286 | 1.184 | 1.398 |
| COPD | AllAge | 33.70 | 1.287 | 1.184 | 1.399 |
| COPD | AllAge | 33.80 | 1.288 | 1.185 | 1.4   |
| COPD | AllAge | 33.90 | 1.289 | 1.186 | 1.401 |
| COPD | AllAge | 34.00 | 1.289 | 1.186 | 1.402 |
| COPD | AllAge | 34.10 | 1.29  | 1.187 | 1.403 |
| COPD | AllAge | 34.20 | 1.291 | 1.188 | 1.404 |
| COPD | AllAge | 34.30 | 1.292 | 1.189 | 1.406 |
| COPD | AllAge | 34.40 | 1.293 | 1.189 | 1.407 |
| COPD | AllAge | 34.50 | 1.294 | 1.19  | 1.408 |
| COPD | AllAge | 34.60 | 1.295 | 1.191 | 1.409 |
| COPD | AllAge | 34.70 | 1.296 | 1.191 | 1.41  |
| COPD | AllAge | 34.80 | 1.297 | 1.192 | 1.411 |
| COPD | AllAge | 34.90 | 1.298 | 1.193 | 1.412 |
| COPD | AllAge | 35.00 | 1.298 | 1.194 | 1.414 |
| COPD | AllAge | 35.10 | 1.299 | 1.194 | 1.415 |
| COPD | AllAge | 35.20 | 1.3   | 1.195 | 1.416 |
| COPD | AllAge | 35.30 | 1.301 | 1.196 | 1.417 |
| COPD | AllAge | 35.40 | 1.302 | 1.196 | 1.418 |
| COPD | AllAge | 35.50 | 1.303 | 1.197 | 1.419 |
| COPD | AllAge | 35.60 | 1.304 | 1.198 | 1.421 |
| COPD | AllAge | 35.70 | 1.305 | 1.199 | 1.422 |
| COPD | AllAge | 35.80 | 1.306 | 1.199 | 1.423 |
| COPD | AllAge | 35.90 | 1.306 | 1.2   | 1.424 |
| COPD | AllAge | 36.00 | 1.307 | 1.201 | 1.425 |
| COPD | AllAge | 36.10 | 1.308 | 1.202 | 1.426 |
| COPD | AllAge | 36.20 | 1.309 | 1.202 | 1.428 |
| COPD | AllAge | 36.30 | 1.31  | 1.203 | 1.429 |
| COPD | AllAge | 36.40 | 1.311 | 1.204 | 1.43  |
| COPD | AllAge | 36.50 | 1.312 | 1.204 | 1.431 |
| COPD | AllAge | 36.60 | 1.313 | 1.205 | 1.432 |
| COPD | AllAge | 36.70 | 1.314 | 1.206 | 1.433 |
| COPD | AllAge | 36.80 | 1.314 | 1.206 | 1.435 |
| COPD | AllAge | 36.90 | 1.315 | 1.207 | 1.436 |
| COPD | AllAge | 37.00 | 1.316 | 1.208 | 1.437 |
| COPD | AllAge | 37.10 | 1.317 | 1.209 | 1.438 |
| COPD | AllAge | 37.20 | 1.318 | 1.209 | 1.439 |
| COPD | AllAge | 37.30 | 1.319 | 1.21  | 1.44  |
| COPD | AllAge | 37.40 | 1.32  | 1.211 | 1.442 |
| COPD | AllAge | 37.50 | 1.321 | 1.212 | 1.443 |
| COPD | AllAge | 37.60 | 1.321 | 1.212 | 1.444 |
| COPD | AllAge | 37.70 | 1.322 | 1.213 | 1.445 |
| COPD | AllAge | 37.80 | 1.323 | 1.214 | 1.446 |
| COPD | AllAge | 37.90 | 1.324 | 1.214 | 1.448 |
| COPD | AllAge | 38.00 | 1.325 | 1.215 | 1.449 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 38.10 | 1.326 | 1.216 | 1.45  |
| COPD | AllAge | 38.20 | 1.327 | 1.217 | 1.451 |
| COPD | AllAge | 38.30 | 1.328 | 1.217 | 1.452 |
| COPD | AllAge | 38.40 | 1.329 | 1.218 | 1.453 |
| COPD | AllAge | 38.50 | 1.329 | 1.219 | 1.454 |
| COPD | AllAge | 38.60 | 1.33  | 1.22  | 1.456 |
| COPD | AllAge | 38.70 | 1.331 | 1.22  | 1.457 |
| COPD | AllAge | 38.80 | 1.332 | 1.221 | 1.458 |
| COPD | AllAge | 38.90 | 1.333 | 1.222 | 1.459 |
| COPD | AllAge | 39.00 | 1.334 | 1.223 | 1.46  |
| COPD | AllAge | 39.10 | 1.335 | 1.223 | 1.461 |
| COPD | AllAge | 39.20 | 1.336 | 1.224 | 1.462 |
| COPD | AllAge | 39.30 | 1.336 | 1.225 | 1.464 |
| COPD | AllAge | 39.40 | 1.337 | 1.225 | 1.465 |
| COPD | AllAge | 39.50 | 1.338 | 1.226 | 1.466 |
| COPD | AllAge | 39.60 | 1.339 | 1.227 | 1.467 |
| COPD | AllAge | 39.70 | 1.34  | 1.228 | 1.468 |
| COPD | AllAge | 39.80 | 1.341 | 1.228 | 1.469 |
| COPD | AllAge | 39.90 | 1.342 | 1.229 | 1.471 |
| COPD | AllAge | 40.00 | 1.343 | 1.23  | 1.472 |
| COPD | AllAge | 40.10 | 1.343 | 1.231 | 1.473 |
| COPD | AllAge | 40.20 | 1.344 | 1.231 | 1.474 |
| COPD | AllAge | 40.30 | 1.345 | 1.232 | 1.475 |
| COPD | AllAge | 40.40 | 1.346 | 1.233 | 1.476 |
| COPD | AllAge | 40.50 | 1.347 | 1.233 | 1.477 |
| COPD | AllAge | 40.60 | 1.348 | 1.234 | 1.478 |
| COPD | AllAge | 40.70 | 1.349 | 1.235 | 1.479 |
| COPD | AllAge | 40.80 | 1.35  | 1.236 | 1.48  |
| COPD | AllAge | 40.90 | 1.35  | 1.236 | 1.481 |
| COPD | AllAge | 41.00 | 1.351 | 1.237 | 1.482 |
| COPD | AllAge | 41.10 | 1.352 | 1.238 | 1.484 |
| COPD | AllAge | 41.20 | 1.353 | 1.239 | 1.485 |
| COPD | AllAge | 41.30 | 1.354 | 1.239 | 1.486 |
| COPD | AllAge | 41.40 | 1.355 | 1.24  | 1.487 |
| COPD | AllAge | 41.50 | 1.356 | 1.241 | 1.488 |
| COPD | AllAge | 41.60 | 1.357 | 1.241 | 1.489 |
| COPD | AllAge | 41.70 | 1.357 | 1.242 | 1.49  |
| COPD | AllAge | 41.80 | 1.358 | 1.243 | 1.491 |
| COPD | AllAge | 41.90 | 1.359 | 1.244 | 1.492 |
| COPD | AllAge | 42.00 | 1.36  | 1.244 | 1.493 |
| COPD | AllAge | 42.10 | 1.361 | 1.245 | 1.494 |
| COPD | AllAge | 42.20 | 1.362 | 1.246 | 1.495 |
| COPD | AllAge | 42.30 | 1.363 | 1.247 | 1.496 |
| COPD | AllAge | 42.40 | 1.363 | 1.247 | 1.497 |
| COPD | AllAge | 42.50 | 1.364 | 1.248 | 1.498 |
| COPD | AllAge | 42.60 | 1.365 | 1.249 | 1.499 |
| COPD | AllAge | 42.70 | 1.366 | 1.25  | 1.5   |
| COPD | AllAge | 42.80 | 1.367 | 1.25  | 1.501 |



|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 42.90 | 1.368 | 1.251 | 1.502 |
| COPD | AllAge | 43.00 | 1.369 | 1.252 | 1.503 |
| COPD | AllAge | 43.10 | 1.369 | 1.252 | 1.504 |
| COPD | AllAge | 43.20 | 1.37  | 1.253 | 1.505 |
| COPD | AllAge | 43.30 | 1.371 | 1.254 | 1.506 |
| COPD | AllAge | 43.40 | 1.372 | 1.254 | 1.507 |
| COPD | AllAge | 43.50 | 1.373 | 1.255 | 1.508 |
| COPD | AllAge | 43.60 | 1.374 | 1.255 | 1.509 |
| COPD | AllAge | 43.70 | 1.375 | 1.256 | 1.51  |
| COPD | AllAge | 43.80 | 1.376 | 1.257 | 1.511 |
| COPD | AllAge | 43.90 | 1.376 | 1.257 | 1.512 |
| COPD | AllAge | 44.00 | 1.377 | 1.258 | 1.513 |
| COPD | AllAge | 44.10 | 1.378 | 1.259 | 1.514 |
| COPD | AllAge | 44.20 | 1.379 | 1.259 | 1.515 |
| COPD | AllAge | 44.30 | 1.38  | 1.26  | 1.516 |
| COPD | AllAge | 44.40 | 1.381 | 1.261 | 1.517 |
| COPD | AllAge | 44.50 | 1.382 | 1.261 | 1.518 |
| COPD | AllAge | 44.60 | 1.382 | 1.262 | 1.519 |
| COPD | AllAge | 44.70 | 1.383 | 1.263 | 1.52  |
| COPD | AllAge | 44.80 | 1.384 | 1.263 | 1.522 |
| COPD | AllAge | 44.90 | 1.385 | 1.264 | 1.523 |
| COPD | AllAge | 45.00 | 1.386 | 1.265 | 1.524 |
| COPD | AllAge | 45.10 | 1.387 | 1.265 | 1.525 |
| COPD | AllAge | 45.20 | 1.388 | 1.266 | 1.526 |
| COPD | AllAge | 45.30 | 1.388 | 1.267 | 1.527 |
| COPD | AllAge | 45.40 | 1.389 | 1.267 | 1.528 |
| COPD | AllAge | 45.50 | 1.39  | 1.268 | 1.53  |
| COPD | AllAge | 45.60 | 1.391 | 1.269 | 1.531 |
| COPD | AllAge | 45.70 | 1.392 | 1.27  | 1.532 |
| COPD | AllAge | 45.80 | 1.393 | 1.27  | 1.533 |
| COPD | AllAge | 45.90 | 1.393 | 1.271 | 1.534 |
| COPD | AllAge | 46.00 | 1.394 | 1.272 | 1.536 |
| COPD | AllAge | 46.10 | 1.395 | 1.272 | 1.537 |
| COPD | AllAge | 46.20 | 1.396 | 1.273 | 1.538 |
| COPD | AllAge | 46.30 | 1.397 | 1.274 | 1.539 |
| COPD | AllAge | 46.40 | 1.398 | 1.274 | 1.54  |
| COPD | AllAge | 46.50 | 1.399 | 1.275 | 1.541 |
| COPD | AllAge | 46.60 | 1.399 | 1.276 | 1.543 |
| COPD | AllAge | 46.70 | 1.4   | 1.276 | 1.544 |
| COPD | AllAge | 46.80 | 1.401 | 1.277 | 1.545 |
| COPD | AllAge | 46.90 | 1.402 | 1.278 | 1.546 |
| COPD | AllAge | 47.00 | 1.403 | 1.278 | 1.547 |
| COPD | AllAge | 47.10 | 1.404 | 1.279 | 1.548 |
| COPD | AllAge | 47.20 | 1.405 | 1.28  | 1.55  |
| COPD | AllAge | 47.30 | 1.405 | 1.28  | 1.551 |
| COPD | AllAge | 47.40 | 1.406 | 1.281 | 1.552 |
| COPD | AllAge | 47.50 | 1.407 | 1.282 | 1.553 |
| COPD | AllAge | 47.60 | 1.408 | 1.282 | 1.554 |

|      |        |       |       |       |       |
|------|--------|-------|-------|-------|-------|
| COPD | AllAge | 47.70 | 1.409 | 1.283 | 1.555 |
| COPD | AllAge | 47.80 | 1.41  | 1.284 | 1.557 |
| COPD | AllAge | 47.90 | 1.41  | 1.284 | 1.558 |
| COPD | AllAge | 48.00 | 1.411 | 1.285 | 1.559 |
| COPD | AllAge | 48.10 | 1.412 | 1.286 | 1.56  |
| COPD | AllAge | 48.20 | 1.413 | 1.286 | 1.561 |
| COPD | AllAge | 48.30 | 1.414 | 1.287 | 1.562 |
| COPD | AllAge | 48.40 | 1.415 | 1.287 | 1.563 |
| COPD | AllAge | 48.50 | 1.416 | 1.288 | 1.564 |
| COPD | AllAge | 48.60 | 1.416 | 1.289 | 1.565 |
| COPD | AllAge | 48.70 | 1.417 | 1.289 | 1.566 |
| COPD | AllAge | 48.80 | 1.418 | 1.29  | 1.567 |
| COPD | AllAge | 48.90 | 1.419 | 1.291 | 1.568 |
| COPD | AllAge | 49.00 | 1.42  | 1.291 | 1.57  |
| COPD | AllAge | 49.10 | 1.421 | 1.292 | 1.57  |
| COPD | AllAge | 49.20 | 1.421 | 1.293 | 1.571 |
| COPD | AllAge | 49.30 | 1.422 | 1.293 | 1.572 |
| COPD | AllAge | 49.40 | 1.423 | 1.294 | 1.573 |
| COPD | AllAge | 49.50 | 1.424 | 1.295 | 1.574 |
| COPD | AllAge | 49.60 | 1.425 | 1.295 | 1.575 |
| COPD | AllAge | 49.70 | 1.426 | 1.296 | 1.576 |
| COPD | AllAge | 49.80 | 1.426 | 1.297 | 1.577 |
| COPD | AllAge | 49.90 | 1.427 | 1.297 | 1.578 |

### Ischemic Heart Disease (IHD)

| CAUSE | AGE | PM25 | RR_AVG | RR_LOW | RR_HIGH |
|-------|-----|------|--------|--------|---------|
| IHD   | 25  | 0.00 | 1      | 1      | 1       |
| IHD   | 25  | 0.10 | 1      | 1      | 1       |
| IHD   | 25  | 0.20 | 1      | 1      | 1       |
| IHD   | 25  | 0.30 | 1      | 1      | 1       |
| IHD   | 25  | 0.40 | 1      | 1      | 1       |
| IHD   | 25  | 0.50 | 1      | 1      | 1       |
| IHD   | 25  | 0.60 | 1      | 1      | 1       |
| IHD   | 25  | 0.70 | 1      | 1      | 1       |
| IHD   | 25  | 0.80 | 1      | 1      | 1       |
| IHD   | 25  | 0.90 | 1      | 1      | 1.004   |
| IHD   | 25  | 1.00 | 1.001  | 1      | 1.01    |
| IHD   | 25  | 1.10 | 1.001  | 1      | 1.016   |
| IHD   | 25  | 1.20 | 1.002  | 1      | 1.022   |
| IHD   | 25  | 1.30 | 1.002  | 1      | 1.028   |
| IHD   | 25  | 1.40 | 1.003  | 1      | 1.034   |
| IHD   | 25  | 1.50 | 1.005  | 1      | 1.041   |
| IHD   | 25  | 1.60 | 1.006  | 1      | 1.049   |
| IHD   | 25  | 1.70 | 1.007  | 1      | 1.056   |
| IHD   | 25  | 1.80 | 1.009  | 1      | 1.062   |
| IHD   | 25  | 1.90 | 1.011  | 1      | 1.068   |
| IHD   | 25  | 2.00 | 1.013  | 1      | 1.074   |
| IHD   | 25  | 2.10 | 1.015  | 1      | 1.08    |
| IHD   | 25  | 2.20 | 1.017  | 1      | 1.086   |
| IHD   | 25  | 2.30 | 1.02   | 1      | 1.092   |
| IHD   | 25  | 2.40 | 1.022  | 1      | 1.099   |
| IHD   | 25  | 2.50 | 1.025  | 1      | 1.105   |
| IHD   | 25  | 2.60 | 1.027  | 1      | 1.111   |
| IHD   | 25  | 2.70 | 1.03   | 1      | 1.117   |
| IHD   | 25  | 2.80 | 1.033  | 1      | 1.122   |
| IHD   | 25  | 2.90 | 1.036  | 1      | 1.128   |
| IHD   | 25  | 3.00 | 1.039  | 1      | 1.133   |
| IHD   | 25  | 3.10 | 1.042  | 1      | 1.139   |
| IHD   | 25  | 3.20 | 1.045  | 1      | 1.145   |
| IHD   | 25  | 3.30 | 1.048  | 1      | 1.15    |
| IHD   | 25  | 3.40 | 1.051  | 1      | 1.156   |
| IHD   | 25  | 3.50 | 1.054  | 1      | 1.161   |
| IHD   | 25  | 3.60 | 1.057  | 1      | 1.167   |
| IHD   | 25  | 3.70 | 1.06   | 1      | 1.173   |
| IHD   | 25  | 3.80 | 1.064  | 1      | 1.18    |
| IHD   | 25  | 3.90 | 1.067  | 1      | 1.187   |
| IHD   | 25  | 4.00 | 1.07   | 1      | 1.193   |
| IHD   | 25  | 4.10 | 1.073  | 1      | 1.2     |
| IHD   | 25  | 4.20 | 1.076  | 1      | 1.207   |
| IHD   | 25  | 4.30 | 1.08   | 1      | 1.213   |
| IHD   | 25  | 4.40 | 1.083  | 1      | 1.219   |
| IHD   | 25  | 4.50 | 1.086  | 1      | 1.225   |
| IHD   | 25  | 4.60 | 1.089  | 1      | 1.23    |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 25 | 4.70 | 1.093 | 1     | 1.236 |
| IHD | 25 | 4.80 | 1.096 | 1.001 | 1.241 |
| IHD | 25 | 4.90 | 1.099 | 1.003 | 1.247 |
| IHD | 25 | 5.00 | 1.102 | 1.005 | 1.252 |
| IHD | 25 | 5.10 | 1.106 | 1.006 | 1.258 |
| IHD | 25 | 5.20 | 1.109 | 1.008 | 1.263 |
| IHD | 25 | 5.30 | 1.112 | 1.01  | 1.269 |
| IHD | 25 | 5.40 | 1.115 | 1.012 | 1.275 |
| IHD | 25 | 5.50 | 1.119 | 1.014 | 1.281 |
| IHD | 25 | 5.60 | 1.122 | 1.016 | 1.287 |
| IHD | 25 | 5.70 | 1.125 | 1.017 | 1.293 |
| IHD | 25 | 5.80 | 1.128 | 1.019 | 1.299 |
| IHD | 25 | 5.90 | 1.131 | 1.021 | 1.305 |
| IHD | 25 | 6.00 | 1.135 | 1.023 | 1.311 |
| IHD | 25 | 6.10 | 1.138 | 1.025 | 1.317 |
| IHD | 25 | 6.20 | 1.141 | 1.027 | 1.323 |
| IHD | 25 | 6.30 | 1.144 | 1.029 | 1.328 |
| IHD | 25 | 6.40 | 1.147 | 1.03  | 1.334 |
| IHD | 25 | 6.50 | 1.151 | 1.032 | 1.34  |
| IHD | 25 | 6.60 | 1.154 | 1.034 | 1.345 |
| IHD | 25 | 6.70 | 1.157 | 1.036 | 1.351 |
| IHD | 25 | 6.80 | 1.16  | 1.038 | 1.356 |
| IHD | 25 | 6.90 | 1.163 | 1.04  | 1.361 |
| IHD | 25 | 7.00 | 1.166 | 1.042 | 1.367 |
| IHD | 25 | 7.10 | 1.17  | 1.043 | 1.373 |
| IHD | 25 | 7.20 | 1.173 | 1.045 | 1.378 |
| IHD | 25 | 7.30 | 1.176 | 1.047 | 1.384 |
| IHD | 25 | 7.40 | 1.179 | 1.049 | 1.389 |
| IHD | 25 | 7.50 | 1.182 | 1.051 | 1.395 |
| IHD | 25 | 7.60 | 1.185 | 1.053 | 1.4   |
| IHD | 25 | 7.70 | 1.188 | 1.055 | 1.406 |
| IHD | 25 | 7.80 | 1.191 | 1.056 | 1.411 |
| IHD | 25 | 7.90 | 1.194 | 1.058 | 1.416 |
| IHD | 25 | 8.00 | 1.198 | 1.06  | 1.422 |
| IHD | 25 | 8.10 | 1.201 | 1.062 | 1.427 |
| IHD | 25 | 8.20 | 1.204 | 1.063 | 1.432 |
| IHD | 25 | 8.30 | 1.207 | 1.065 | 1.438 |
| IHD | 25 | 8.40 | 1.21  | 1.067 | 1.443 |
| IHD | 25 | 8.50 | 1.213 | 1.069 | 1.448 |
| IHD | 25 | 8.60 | 1.216 | 1.07  | 1.454 |
| IHD | 25 | 8.70 | 1.219 | 1.072 | 1.459 |
| IHD | 25 | 8.80 | 1.222 | 1.074 | 1.464 |
| IHD | 25 | 8.90 | 1.225 | 1.075 | 1.469 |
| IHD | 25 | 9.00 | 1.228 | 1.077 | 1.474 |
| IHD | 25 | 9.10 | 1.231 | 1.078 | 1.48  |
| IHD | 25 | 9.20 | 1.234 | 1.08  | 1.485 |
| IHD | 25 | 9.30 | 1.237 | 1.082 | 1.49  |
| IHD | 25 | 9.40 | 1.24  | 1.083 | 1.495 |
| IHD | 25 | 9.50 | 1.243 | 1.085 | 1.5   |
| IHD | 25 | 9.60 | 1.246 | 1.087 | 1.505 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 9.70  | 1.249 | 1.089 | 1.51  |
| IHD | 25 | 9.80  | 1.252 | 1.09  | 1.515 |
| IHD | 25 | 9.90  | 1.255 | 1.092 | 1.52  |
| IHD | 25 | 10.00 | 1.258 | 1.094 | 1.525 |
| IHD | 25 | 10.10 | 1.261 | 1.095 | 1.53  |
| IHD | 25 | 10.20 | 1.264 | 1.097 | 1.535 |
| IHD | 25 | 10.30 | 1.267 | 1.099 | 1.54  |
| IHD | 25 | 10.40 | 1.27  | 1.1   | 1.544 |
| IHD | 25 | 10.50 | 1.273 | 1.102 | 1.549 |
| IHD | 25 | 10.60 | 1.276 | 1.104 | 1.554 |
| IHD | 25 | 10.70 | 1.279 | 1.105 | 1.559 |
| IHD | 25 | 10.80 | 1.281 | 1.107 | 1.564 |
| IHD | 25 | 10.90 | 1.284 | 1.109 | 1.569 |
| IHD | 25 | 11.00 | 1.287 | 1.11  | 1.573 |
| IHD | 25 | 11.10 | 1.29  | 1.112 | 1.578 |
| IHD | 25 | 11.20 | 1.293 | 1.114 | 1.582 |
| IHD | 25 | 11.30 | 1.296 | 1.116 | 1.587 |
| IHD | 25 | 11.40 | 1.299 | 1.118 | 1.591 |
| IHD | 25 | 11.50 | 1.302 | 1.12  | 1.596 |
| IHD | 25 | 11.60 | 1.305 | 1.122 | 1.6   |
| IHD | 25 | 11.70 | 1.307 | 1.123 | 1.605 |
| IHD | 25 | 11.80 | 1.31  | 1.125 | 1.609 |
| IHD | 25 | 11.90 | 1.313 | 1.127 | 1.613 |
| IHD | 25 | 12.00 | 1.316 | 1.129 | 1.618 |
| IHD | 25 | 12.10 | 1.319 | 1.13  | 1.622 |
| IHD | 25 | 12.20 | 1.322 | 1.132 | 1.626 |
| IHD | 25 | 12.30 | 1.325 | 1.134 | 1.631 |
| IHD | 25 | 12.40 | 1.327 | 1.135 | 1.635 |
| IHD | 25 | 12.50 | 1.33  | 1.137 | 1.639 |
| IHD | 25 | 12.60 | 1.333 | 1.138 | 1.643 |
| IHD | 25 | 12.70 | 1.336 | 1.14  | 1.648 |
| IHD | 25 | 12.80 | 1.339 | 1.141 | 1.652 |
| IHD | 25 | 12.90 | 1.341 | 1.143 | 1.656 |
| IHD | 25 | 13.00 | 1.344 | 1.144 | 1.661 |
| IHD | 25 | 13.10 | 1.347 | 1.146 | 1.665 |
| IHD | 25 | 13.20 | 1.35  | 1.148 | 1.669 |
| IHD | 25 | 13.30 | 1.353 | 1.149 | 1.673 |
| IHD | 25 | 13.40 | 1.355 | 1.151 | 1.677 |
| IHD | 25 | 13.50 | 1.358 | 1.153 | 1.681 |
| IHD | 25 | 13.60 | 1.361 | 1.155 | 1.685 |
| IHD | 25 | 13.70 | 1.364 | 1.156 | 1.689 |
| IHD | 25 | 13.80 | 1.366 | 1.158 | 1.693 |
| IHD | 25 | 13.90 | 1.369 | 1.16  | 1.697 |
| IHD | 25 | 14.00 | 1.372 | 1.162 | 1.701 |
| IHD | 25 | 14.10 | 1.375 | 1.163 | 1.705 |
| IHD | 25 | 14.20 | 1.377 | 1.165 | 1.709 |
| IHD | 25 | 14.30 | 1.38  | 1.167 | 1.713 |
| IHD | 25 | 14.40 | 1.383 | 1.169 | 1.717 |
| IHD | 25 | 14.50 | 1.385 | 1.17  | 1.721 |
| IHD | 25 | 14.60 | 1.388 | 1.172 | 1.725 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 14.70 | 1.391 | 1.174 | 1.729 |
| IHD | 25 | 14.80 | 1.394 | 1.176 | 1.733 |
| IHD | 25 | 14.90 | 1.396 | 1.177 | 1.737 |
| IHD | 25 | 15.00 | 1.399 | 1.179 | 1.74  |
| IHD | 25 | 15.10 | 1.402 | 1.181 | 1.744 |
| IHD | 25 | 15.20 | 1.404 | 1.183 | 1.748 |
| IHD | 25 | 15.30 | 1.407 | 1.184 | 1.752 |
| IHD | 25 | 15.40 | 1.41  | 1.186 | 1.756 |
| IHD | 25 | 15.50 | 1.412 | 1.188 | 1.76  |
| IHD | 25 | 15.60 | 1.415 | 1.19  | 1.764 |
| IHD | 25 | 15.70 | 1.418 | 1.191 | 1.768 |
| IHD | 25 | 15.80 | 1.42  | 1.193 | 1.772 |
| IHD | 25 | 15.90 | 1.423 | 1.195 | 1.776 |
| IHD | 25 | 16.00 | 1.425 | 1.197 | 1.78  |
| IHD | 25 | 16.10 | 1.428 | 1.198 | 1.784 |
| IHD | 25 | 16.20 | 1.431 | 1.2   | 1.788 |
| IHD | 25 | 16.30 | 1.433 | 1.202 | 1.791 |
| IHD | 25 | 16.40 | 1.436 | 1.203 | 1.795 |
| IHD | 25 | 16.50 | 1.438 | 1.205 | 1.799 |
| IHD | 25 | 16.60 | 1.441 | 1.206 | 1.803 |
| IHD | 25 | 16.70 | 1.444 | 1.208 | 1.807 |
| IHD | 25 | 16.80 | 1.446 | 1.21  | 1.811 |
| IHD | 25 | 16.90 | 1.449 | 1.211 | 1.815 |
| IHD | 25 | 17.00 | 1.451 | 1.213 | 1.819 |
| IHD | 25 | 17.10 | 1.454 | 1.215 | 1.823 |
| IHD | 25 | 17.20 | 1.457 | 1.216 | 1.827 |
| IHD | 25 | 17.30 | 1.459 | 1.218 | 1.831 |
| IHD | 25 | 17.40 | 1.462 | 1.219 | 1.836 |
| IHD | 25 | 17.50 | 1.464 | 1.221 | 1.84  |
| IHD | 25 | 17.60 | 1.467 | 1.223 | 1.844 |
| IHD | 25 | 17.70 | 1.469 | 1.224 | 1.848 |
| IHD | 25 | 17.80 | 1.472 | 1.226 | 1.852 |
| IHD | 25 | 17.90 | 1.474 | 1.227 | 1.856 |
| IHD | 25 | 18.00 | 1.477 | 1.229 | 1.86  |
| IHD | 25 | 18.10 | 1.479 | 1.231 | 1.864 |
| IHD | 25 | 18.20 | 1.482 | 1.232 | 1.867 |
| IHD | 25 | 18.30 | 1.484 | 1.234 | 1.871 |
| IHD | 25 | 18.40 | 1.487 | 1.236 | 1.874 |
| IHD | 25 | 18.50 | 1.489 | 1.238 | 1.877 |
| IHD | 25 | 18.60 | 1.492 | 1.239 | 1.881 |
| IHD | 25 | 18.70 | 1.494 | 1.241 | 1.884 |
| IHD | 25 | 18.80 | 1.497 | 1.243 | 1.888 |
| IHD | 25 | 18.90 | 1.499 | 1.245 | 1.891 |
| IHD | 25 | 19.00 | 1.502 | 1.246 | 1.894 |
| IHD | 25 | 19.10 | 1.504 | 1.248 | 1.898 |
| IHD | 25 | 19.20 | 1.507 | 1.25  | 1.902 |
| IHD | 25 | 19.30 | 1.509 | 1.252 | 1.905 |
| IHD | 25 | 19.40 | 1.512 | 1.253 | 1.909 |
| IHD | 25 | 19.50 | 1.514 | 1.255 | 1.913 |
| IHD | 25 | 19.60 | 1.517 | 1.257 | 1.917 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 19.70 | 1.519 | 1.259 | 1.92  |
| IHD | 25 | 19.80 | 1.521 | 1.26  | 1.924 |
| IHD | 25 | 19.90 | 1.524 | 1.262 | 1.928 |
| IHD | 25 | 20.00 | 1.526 | 1.264 | 1.931 |
| IHD | 25 | 20.10 | 1.529 | 1.265 | 1.935 |
| IHD | 25 | 20.20 | 1.531 | 1.267 | 1.939 |
| IHD | 25 | 20.30 | 1.534 | 1.268 | 1.943 |
| IHD | 25 | 20.40 | 1.536 | 1.27  | 1.947 |
| IHD | 25 | 20.50 | 1.538 | 1.271 | 1.95  |
| IHD | 25 | 20.60 | 1.541 | 1.273 | 1.954 |
| IHD | 25 | 20.70 | 1.543 | 1.274 | 1.958 |
| IHD | 25 | 20.80 | 1.546 | 1.275 | 1.962 |
| IHD | 25 | 20.90 | 1.548 | 1.277 | 1.966 |
| IHD | 25 | 21.00 | 1.55  | 1.278 | 1.969 |
| IHD | 25 | 21.10 | 1.553 | 1.28  | 1.973 |
| IHD | 25 | 21.20 | 1.555 | 1.282 | 1.976 |
| IHD | 25 | 21.30 | 1.557 | 1.284 | 1.979 |
| IHD | 25 | 21.40 | 1.56  | 1.285 | 1.983 |
| IHD | 25 | 21.50 | 1.562 | 1.287 | 1.986 |
| IHD | 25 | 21.60 | 1.564 | 1.289 | 1.989 |
| IHD | 25 | 21.70 | 1.567 | 1.291 | 1.992 |
| IHD | 25 | 21.80 | 1.569 | 1.292 | 1.996 |
| IHD | 25 | 21.90 | 1.572 | 1.294 | 1.999 |
| IHD | 25 | 22.00 | 1.574 | 1.296 | 2.002 |
| IHD | 25 | 22.10 | 1.576 | 1.298 | 2.005 |
| IHD | 25 | 22.20 | 1.578 | 1.299 | 2.008 |
| IHD | 25 | 22.30 | 1.581 | 1.301 | 2.011 |
| IHD | 25 | 22.40 | 1.583 | 1.303 | 2.014 |
| IHD | 25 | 22.50 | 1.585 | 1.304 | 2.018 |
| IHD | 25 | 22.60 | 1.588 | 1.306 | 2.021 |
| IHD | 25 | 22.70 | 1.59  | 1.308 | 2.024 |
| IHD | 25 | 22.80 | 1.592 | 1.309 | 2.027 |
| IHD | 25 | 22.90 | 1.595 | 1.311 | 2.03  |
| IHD | 25 | 23.00 | 1.597 | 1.313 | 2.033 |
| IHD | 25 | 23.10 | 1.599 | 1.314 | 2.036 |
| IHD | 25 | 23.20 | 1.601 | 1.316 | 2.039 |
| IHD | 25 | 23.30 | 1.604 | 1.318 | 2.042 |
| IHD | 25 | 23.40 | 1.606 | 1.319 | 2.045 |
| IHD | 25 | 23.50 | 1.608 | 1.321 | 2.048 |
| IHD | 25 | 23.60 | 1.61  | 1.322 | 2.051 |
| IHD | 25 | 23.70 | 1.613 | 1.324 | 2.054 |
| IHD | 25 | 23.80 | 1.615 | 1.325 | 2.057 |
| IHD | 25 | 23.90 | 1.617 | 1.327 | 2.06  |
| IHD | 25 | 24.00 | 1.619 | 1.328 | 2.063 |
| IHD | 25 | 24.10 | 1.622 | 1.33  | 2.066 |
| IHD | 25 | 24.20 | 1.624 | 1.331 | 2.068 |
| IHD | 25 | 24.30 | 1.626 | 1.333 | 2.07  |
| IHD | 25 | 24.40 | 1.628 | 1.334 | 2.073 |
| IHD | 25 | 24.50 | 1.631 | 1.336 | 2.075 |
| IHD | 25 | 24.60 | 1.633 | 1.337 | 2.077 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 24.70 | 1.635 | 1.339 | 2.079 |
| IHD | 25 | 24.80 | 1.637 | 1.34  | 2.082 |
| IHD | 25 | 24.90 | 1.639 | 1.342 | 2.084 |
| IHD | 25 | 25.00 | 1.642 | 1.343 | 2.086 |
| IHD | 25 | 25.10 | 1.644 | 1.345 | 2.089 |
| IHD | 25 | 25.20 | 1.646 | 1.346 | 2.091 |
| IHD | 25 | 25.30 | 1.648 | 1.348 | 2.094 |
| IHD | 25 | 25.40 | 1.65  | 1.35  | 2.097 |
| IHD | 25 | 25.50 | 1.652 | 1.351 | 2.099 |
| IHD | 25 | 25.60 | 1.655 | 1.353 | 2.102 |
| IHD | 25 | 25.70 | 1.657 | 1.354 | 2.105 |
| IHD | 25 | 25.80 | 1.659 | 1.356 | 2.107 |
| IHD | 25 | 25.90 | 1.661 | 1.358 | 2.11  |
| IHD | 25 | 26.00 | 1.663 | 1.359 | 2.113 |
| IHD | 25 | 26.10 | 1.665 | 1.361 | 2.116 |
| IHD | 25 | 26.20 | 1.668 | 1.362 | 2.119 |
| IHD | 25 | 26.30 | 1.67  | 1.364 | 2.122 |
| IHD | 25 | 26.40 | 1.672 | 1.365 | 2.125 |
| IHD | 25 | 26.50 | 1.674 | 1.367 | 2.128 |
| IHD | 25 | 26.60 | 1.676 | 1.368 | 2.131 |
| IHD | 25 | 26.70 | 1.678 | 1.37  | 2.134 |
| IHD | 25 | 26.80 | 1.68  | 1.371 | 2.137 |
| IHD | 25 | 26.90 | 1.682 | 1.373 | 2.14  |
| IHD | 25 | 27.00 | 1.685 | 1.374 | 2.143 |
| IHD | 25 | 27.10 | 1.687 | 1.376 | 2.146 |
| IHD | 25 | 27.20 | 1.689 | 1.377 | 2.148 |
| IHD | 25 | 27.30 | 1.691 | 1.379 | 2.151 |
| IHD | 25 | 27.40 | 1.693 | 1.381 | 2.154 |
| IHD | 25 | 27.50 | 1.695 | 1.382 | 2.157 |
| IHD | 25 | 27.60 | 1.697 | 1.384 | 2.159 |
| IHD | 25 | 27.70 | 1.699 | 1.385 | 2.162 |
| IHD | 25 | 27.80 | 1.701 | 1.387 | 2.165 |
| IHD | 25 | 27.90 | 1.703 | 1.388 | 2.168 |
| IHD | 25 | 28.00 | 1.705 | 1.39  | 2.17  |
| IHD | 25 | 28.10 | 1.707 | 1.391 | 2.173 |
| IHD | 25 | 28.20 | 1.709 | 1.393 | 2.175 |
| IHD | 25 | 28.30 | 1.711 | 1.394 | 2.177 |
| IHD | 25 | 28.40 | 1.714 | 1.396 | 2.179 |
| IHD | 25 | 28.50 | 1.716 | 1.397 | 2.181 |
| IHD | 25 | 28.60 | 1.718 | 1.399 | 2.183 |
| IHD | 25 | 28.70 | 1.72  | 1.4   | 2.186 |
| IHD | 25 | 28.80 | 1.722 | 1.402 | 2.188 |
| IHD | 25 | 28.90 | 1.724 | 1.403 | 2.19  |
| IHD | 25 | 29.00 | 1.726 | 1.405 | 2.192 |
| IHD | 25 | 29.10 | 1.728 | 1.407 | 2.194 |
| IHD | 25 | 29.20 | 1.73  | 1.408 | 2.197 |
| IHD | 25 | 29.30 | 1.732 | 1.41  | 2.199 |
| IHD | 25 | 29.40 | 1.734 | 1.411 | 2.201 |
| IHD | 25 | 29.50 | 1.736 | 1.413 | 2.203 |
| IHD | 25 | 29.60 | 1.738 | 1.414 | 2.206 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 29.70 | 1.74  | 1.416 | 2.208 |
| IHD | 25 | 29.80 | 1.742 | 1.417 | 2.21  |
| IHD | 25 | 29.90 | 1.744 | 1.419 | 2.213 |
| IHD | 25 | 30.00 | 1.746 | 1.421 | 2.215 |
| IHD | 25 | 30.10 | 1.748 | 1.422 | 2.217 |
| IHD | 25 | 30.20 | 1.75  | 1.423 | 2.219 |
| IHD | 25 | 30.30 | 1.752 | 1.425 | 2.22  |
| IHD | 25 | 30.40 | 1.754 | 1.426 | 2.222 |
| IHD | 25 | 30.50 | 1.756 | 1.428 | 2.224 |
| IHD | 25 | 30.60 | 1.758 | 1.429 | 2.226 |
| IHD | 25 | 30.70 | 1.76  | 1.431 | 2.228 |
| IHD | 25 | 30.80 | 1.762 | 1.432 | 2.23  |
| IHD | 25 | 30.90 | 1.763 | 1.433 | 2.232 |
| IHD | 25 | 31.00 | 1.765 | 1.435 | 2.234 |
| IHD | 25 | 31.10 | 1.767 | 1.436 | 2.236 |
| IHD | 25 | 31.20 | 1.769 | 1.438 | 2.238 |
| IHD | 25 | 31.30 | 1.771 | 1.439 | 2.24  |
| IHD | 25 | 31.40 | 1.773 | 1.441 | 2.242 |
| IHD | 25 | 31.50 | 1.775 | 1.442 | 2.244 |
| IHD | 25 | 31.60 | 1.777 | 1.444 | 2.246 |
| IHD | 25 | 31.70 | 1.779 | 1.445 | 2.248 |
| IHD | 25 | 31.80 | 1.781 | 1.447 | 2.25  |
| IHD | 25 | 31.90 | 1.783 | 1.448 | 2.252 |
| IHD | 25 | 32.00 | 1.785 | 1.45  | 2.254 |
| IHD | 25 | 32.10 | 1.787 | 1.451 | 2.257 |
| IHD | 25 | 32.20 | 1.788 | 1.453 | 2.26  |
| IHD | 25 | 32.30 | 1.79  | 1.454 | 2.262 |
| IHD | 25 | 32.40 | 1.792 | 1.456 | 2.265 |
| IHD | 25 | 32.50 | 1.794 | 1.457 | 2.268 |
| IHD | 25 | 32.60 | 1.796 | 1.459 | 2.27  |
| IHD | 25 | 32.70 | 1.798 | 1.46  | 2.273 |
| IHD | 25 | 32.80 | 1.8   | 1.461 | 2.275 |
| IHD | 25 | 32.90 | 1.802 | 1.463 | 2.278 |
| IHD | 25 | 33.00 | 1.804 | 1.464 | 2.281 |
| IHD | 25 | 33.10 | 1.805 | 1.466 | 2.283 |
| IHD | 25 | 33.20 | 1.807 | 1.467 | 2.286 |
| IHD | 25 | 33.30 | 1.809 | 1.469 | 2.289 |
| IHD | 25 | 33.40 | 1.811 | 1.47  | 2.291 |
| IHD | 25 | 33.50 | 1.813 | 1.472 | 2.294 |
| IHD | 25 | 33.60 | 1.815 | 1.473 | 2.296 |
| IHD | 25 | 33.70 | 1.817 | 1.475 | 2.299 |
| IHD | 25 | 33.80 | 1.818 | 1.476 | 2.302 |
| IHD | 25 | 33.90 | 1.82  | 1.478 | 2.304 |
| IHD | 25 | 34.00 | 1.822 | 1.479 | 2.307 |
| IHD | 25 | 34.10 | 1.824 | 1.481 | 2.309 |
| IHD | 25 | 34.20 | 1.826 | 1.482 | 2.312 |
| IHD | 25 | 34.30 | 1.828 | 1.484 | 2.315 |
| IHD | 25 | 34.40 | 1.829 | 1.485 | 2.317 |
| IHD | 25 | 34.50 | 1.831 | 1.487 | 2.32  |
| IHD | 25 | 34.60 | 1.833 | 1.488 | 2.322 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 34.70 | 1.835 | 1.49  | 2.325 |
| IHD | 25 | 34.80 | 1.837 | 1.491 | 2.327 |
| IHD | 25 | 34.90 | 1.839 | 1.493 | 2.33  |
| IHD | 25 | 35.00 | 1.84  | 1.494 | 2.332 |
| IHD | 25 | 35.10 | 1.842 | 1.496 | 2.334 |
| IHD | 25 | 35.20 | 1.844 | 1.497 | 2.336 |
| IHD | 25 | 35.30 | 1.846 | 1.498 | 2.338 |
| IHD | 25 | 35.40 | 1.847 | 1.5   | 2.34  |
| IHD | 25 | 35.50 | 1.849 | 1.501 | 2.342 |
| IHD | 25 | 35.60 | 1.851 | 1.502 | 2.344 |
| IHD | 25 | 35.70 | 1.853 | 1.504 | 2.346 |
| IHD | 25 | 35.80 | 1.855 | 1.505 | 2.348 |
| IHD | 25 | 35.90 | 1.856 | 1.506 | 2.349 |
| IHD | 25 | 36.00 | 1.858 | 1.508 | 2.351 |
| IHD | 25 | 36.10 | 1.86  | 1.509 | 2.353 |
| IHD | 25 | 36.20 | 1.862 | 1.511 | 2.355 |
| IHD | 25 | 36.30 | 1.863 | 1.512 | 2.357 |
| IHD | 25 | 36.40 | 1.865 | 1.514 | 2.359 |
| IHD | 25 | 36.50 | 1.867 | 1.515 | 2.36  |
| IHD | 25 | 36.60 | 1.869 | 1.517 | 2.362 |
| IHD | 25 | 36.70 | 1.87  | 1.518 | 2.364 |
| IHD | 25 | 36.80 | 1.872 | 1.52  | 2.366 |
| IHD | 25 | 36.90 | 1.874 | 1.521 | 2.368 |
| IHD | 25 | 37.00 | 1.876 | 1.522 | 2.37  |
| IHD | 25 | 37.10 | 1.877 | 1.524 | 2.371 |
| IHD | 25 | 37.20 | 1.879 | 1.525 | 2.373 |
| IHD | 25 | 37.30 | 1.881 | 1.527 | 2.374 |
| IHD | 25 | 37.40 | 1.883 | 1.528 | 2.376 |
| IHD | 25 | 37.50 | 1.884 | 1.529 | 2.377 |
| IHD | 25 | 37.60 | 1.886 | 1.531 | 2.378 |
| IHD | 25 | 37.70 | 1.888 | 1.532 | 2.38  |
| IHD | 25 | 37.80 | 1.89  | 1.534 | 2.381 |
| IHD | 25 | 37.90 | 1.891 | 1.535 | 2.383 |
| IHD | 25 | 38.00 | 1.893 | 1.537 | 2.384 |
| IHD | 25 | 38.10 | 1.895 | 1.538 | 2.386 |
| IHD | 25 | 38.20 | 1.896 | 1.539 | 2.387 |
| IHD | 25 | 38.30 | 1.898 | 1.54  | 2.389 |
| IHD | 25 | 38.40 | 1.9   | 1.541 | 2.391 |
| IHD | 25 | 38.50 | 1.901 | 1.542 | 2.392 |
| IHD | 25 | 38.60 | 1.903 | 1.544 | 2.394 |
| IHD | 25 | 38.70 | 1.905 | 1.545 | 2.396 |
| IHD | 25 | 38.80 | 1.906 | 1.546 | 2.397 |
| IHD | 25 | 38.90 | 1.908 | 1.547 | 2.399 |
| IHD | 25 | 39.00 | 1.91  | 1.548 | 2.4   |
| IHD | 25 | 39.10 | 1.912 | 1.549 | 2.402 |
| IHD | 25 | 39.20 | 1.913 | 1.551 | 2.405 |
| IHD | 25 | 39.30 | 1.915 | 1.552 | 2.407 |
| IHD | 25 | 39.40 | 1.917 | 1.553 | 2.409 |
| IHD | 25 | 39.50 | 1.918 | 1.555 | 2.411 |
| IHD | 25 | 39.60 | 1.92  | 1.556 | 2.413 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 39.70 | 1.921 | 1.557 | 2.415 |
| IHD | 25 | 39.80 | 1.923 | 1.558 | 2.417 |
| IHD | 25 | 39.90 | 1.925 | 1.56  | 2.419 |
| IHD | 25 | 40.00 | 1.926 | 1.561 | 2.421 |
| IHD | 25 | 40.10 | 1.928 | 1.562 | 2.423 |
| IHD | 25 | 40.20 | 1.93  | 1.564 | 2.425 |
| IHD | 25 | 40.30 | 1.931 | 1.565 | 2.427 |
| IHD | 25 | 40.40 | 1.933 | 1.567 | 2.429 |
| IHD | 25 | 40.50 | 1.935 | 1.568 | 2.43  |
| IHD | 25 | 40.60 | 1.936 | 1.57  | 2.432 |
| IHD | 25 | 40.70 | 1.938 | 1.571 | 2.434 |
| IHD | 25 | 40.80 | 1.94  | 1.573 | 2.436 |
| IHD | 25 | 40.90 | 1.941 | 1.574 | 2.438 |
| IHD | 25 | 41.00 | 1.943 | 1.576 | 2.439 |
| IHD | 25 | 41.10 | 1.944 | 1.577 | 2.441 |
| IHD | 25 | 41.20 | 1.946 | 1.579 | 2.442 |
| IHD | 25 | 41.30 | 1.948 | 1.58  | 2.444 |
| IHD | 25 | 41.40 | 1.949 | 1.582 | 2.445 |
| IHD | 25 | 41.50 | 1.951 | 1.583 | 2.447 |
| IHD | 25 | 41.60 | 1.952 | 1.585 | 2.448 |
| IHD | 25 | 41.70 | 1.954 | 1.587 | 2.45  |
| IHD | 25 | 41.80 | 1.956 | 1.588 | 2.452 |
| IHD | 25 | 41.90 | 1.957 | 1.59  | 2.453 |
| IHD | 25 | 42.00 | 1.959 | 1.591 | 2.455 |
| IHD | 25 | 42.10 | 1.96  | 1.592 | 2.456 |
| IHD | 25 | 42.20 | 1.962 | 1.594 | 2.458 |
| IHD | 25 | 42.30 | 1.964 | 1.595 | 2.46  |
| IHD | 25 | 42.40 | 1.965 | 1.596 | 2.461 |
| IHD | 25 | 42.50 | 1.967 | 1.597 | 2.463 |
| IHD | 25 | 42.60 | 1.968 | 1.598 | 2.465 |
| IHD | 25 | 42.70 | 1.97  | 1.6   | 2.466 |
| IHD | 25 | 42.80 | 1.971 | 1.601 | 2.468 |
| IHD | 25 | 42.90 | 1.973 | 1.602 | 2.47  |
| IHD | 25 | 43.00 | 1.975 | 1.603 | 2.471 |
| IHD | 25 | 43.10 | 1.976 | 1.604 | 2.473 |
| IHD | 25 | 43.20 | 1.978 | 1.606 | 2.475 |
| IHD | 25 | 43.30 | 1.979 | 1.607 | 2.477 |
| IHD | 25 | 43.40 | 1.981 | 1.608 | 2.479 |
| IHD | 25 | 43.50 | 1.982 | 1.609 | 2.481 |
| IHD | 25 | 43.60 | 1.984 | 1.61  | 2.483 |
| IHD | 25 | 43.70 | 1.985 | 1.611 | 2.485 |
| IHD | 25 | 43.80 | 1.987 | 1.613 | 2.487 |
| IHD | 25 | 43.90 | 1.989 | 1.614 | 2.489 |
| IHD | 25 | 44.00 | 1.99  | 1.615 | 2.491 |
| IHD | 25 | 44.10 | 1.992 | 1.616 | 2.493 |
| IHD | 25 | 44.20 | 1.993 | 1.617 | 2.496 |
| IHD | 25 | 44.30 | 1.995 | 1.618 | 2.498 |
| IHD | 25 | 44.40 | 1.996 | 1.619 | 2.5   |
| IHD | 25 | 44.50 | 1.998 | 1.621 | 2.503 |
| IHD | 25 | 44.60 | 1.999 | 1.622 | 2.505 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 44.70 | 2.001 | 1.623 | 2.507 |
| IHD | 25 | 44.80 | 2.002 | 1.624 | 2.51  |
| IHD | 25 | 44.90 | 2.004 | 1.625 | 2.512 |
| IHD | 25 | 45.00 | 2.005 | 1.626 | 2.514 |
| IHD | 25 | 45.10 | 2.007 | 1.627 | 2.517 |
| IHD | 25 | 45.20 | 2.008 | 1.628 | 2.519 |
| IHD | 25 | 45.30 | 2.01  | 1.629 | 2.521 |
| IHD | 25 | 45.40 | 2.011 | 1.63  | 2.524 |
| IHD | 25 | 45.50 | 2.013 | 1.631 | 2.526 |
| IHD | 25 | 45.60 | 2.014 | 1.631 | 2.528 |
| IHD | 25 | 45.70 | 2.016 | 1.632 | 2.53  |
| IHD | 25 | 45.80 | 2.017 | 1.633 | 2.533 |
| IHD | 25 | 45.90 | 2.019 | 1.634 | 2.535 |
| IHD | 25 | 46.00 | 2.02  | 1.635 | 2.537 |
| IHD | 25 | 46.10 | 2.022 | 1.636 | 2.539 |
| IHD | 25 | 46.20 | 2.023 | 1.638 | 2.541 |
| IHD | 25 | 46.30 | 2.025 | 1.639 | 2.543 |
| IHD | 25 | 46.40 | 2.026 | 1.64  | 2.544 |
| IHD | 25 | 46.50 | 2.028 | 1.642 | 2.546 |
| IHD | 25 | 46.60 | 2.029 | 1.643 | 2.548 |
| IHD | 25 | 46.70 | 2.031 | 1.644 | 2.55  |
| IHD | 25 | 46.80 | 2.032 | 1.646 | 2.551 |
| IHD | 25 | 46.90 | 2.034 | 1.647 | 2.553 |
| IHD | 25 | 47.00 | 2.035 | 1.648 | 2.555 |
| IHD | 25 | 47.10 | 2.037 | 1.65  | 2.557 |
| IHD | 25 | 47.20 | 2.038 | 1.651 | 2.558 |
| IHD | 25 | 47.30 | 2.039 | 1.653 | 2.56  |
| IHD | 25 | 47.40 | 2.041 | 1.654 | 2.562 |
| IHD | 25 | 47.50 | 2.042 | 1.655 | 2.564 |
| IHD | 25 | 47.60 | 2.044 | 1.657 | 2.566 |
| IHD | 25 | 47.70 | 2.045 | 1.658 | 2.568 |
| IHD | 25 | 47.80 | 2.047 | 1.66  | 2.569 |
| IHD | 25 | 47.90 | 2.048 | 1.661 | 2.571 |
| IHD | 25 | 48.00 | 2.05  | 1.662 | 2.573 |
| IHD | 25 | 48.10 | 2.051 | 1.664 | 2.575 |
| IHD | 25 | 48.20 | 2.052 | 1.665 | 2.577 |
| IHD | 25 | 48.30 | 2.054 | 1.667 | 2.579 |
| IHD | 25 | 48.40 | 2.055 | 1.668 | 2.581 |
| IHD | 25 | 48.50 | 2.057 | 1.67  | 2.583 |
| IHD | 25 | 48.60 | 2.058 | 1.671 | 2.585 |
| IHD | 25 | 48.70 | 2.06  | 1.673 | 2.586 |
| IHD | 25 | 48.80 | 2.061 | 1.674 | 2.588 |
| IHD | 25 | 48.90 | 2.062 | 1.675 | 2.59  |
| IHD | 25 | 49.00 | 2.064 | 1.677 | 2.592 |
| IHD | 25 | 49.10 | 2.065 | 1.678 | 2.594 |
| IHD | 25 | 49.20 | 2.067 | 1.68  | 2.596 |
| IHD | 25 | 49.30 | 2.068 | 1.681 | 2.597 |
| IHD | 25 | 49.40 | 2.069 | 1.682 | 2.599 |
| IHD | 25 | 49.50 | 2.071 | 1.684 | 2.601 |
| IHD | 25 | 49.60 | 2.072 | 1.685 | 2.602 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 25 | 49.70 | 2.074 | 1.686 | 2.604 |
| IHD | 25 | 49.80 | 2.075 | 1.688 | 2.606 |
| IHD | 25 | 49.90 | 2.076 | 1.689 | 2.608 |
| IHD | 30 | 0.00  | 1     | 1     | 1     |
| IHD | 30 | 0.10  | 1     | 1     | 1     |
| IHD | 30 | 0.20  | 1     | 1     | 1     |
| IHD | 30 | 0.30  | 1     | 1     | 1     |
| IHD | 30 | 0.40  | 1     | 1     | 1     |
| IHD | 30 | 0.50  | 1     | 1     | 1     |
| IHD | 30 | 0.60  | 1     | 1     | 1     |
| IHD | 30 | 0.70  | 1     | 1     | 1     |
| IHD | 30 | 0.80  | 1     | 1     | 1.005 |
| IHD | 30 | 0.90  | 1.001 | 1     | 1.011 |
| IHD | 30 | 1.00  | 1.001 | 1     | 1.016 |
| IHD | 30 | 1.10  | 1.002 | 1     | 1.022 |
| IHD | 30 | 1.20  | 1.003 | 1     | 1.028 |
| IHD | 30 | 1.30  | 1.004 | 1     | 1.034 |
| IHD | 30 | 1.40  | 1.005 | 1     | 1.04  |
| IHD | 30 | 1.50  | 1.006 | 1     | 1.046 |
| IHD | 30 | 1.60  | 1.008 | 1     | 1.052 |
| IHD | 30 | 1.70  | 1.01  | 1     | 1.057 |
| IHD | 30 | 1.80  | 1.011 | 1     | 1.064 |
| IHD | 30 | 1.90  | 1.014 | 1     | 1.07  |
| IHD | 30 | 2.00  | 1.016 | 1     | 1.076 |
| IHD | 30 | 2.10  | 1.018 | 1     | 1.082 |
| IHD | 30 | 2.20  | 1.021 | 1     | 1.087 |
| IHD | 30 | 2.30  | 1.023 | 1     | 1.093 |
| IHD | 30 | 2.40  | 1.026 | 1     | 1.1   |
| IHD | 30 | 2.50  | 1.029 | 1     | 1.106 |
| IHD | 30 | 2.60  | 1.031 | 1     | 1.112 |
| IHD | 30 | 2.70  | 1.034 | 1     | 1.118 |
| IHD | 30 | 2.80  | 1.037 | 1     | 1.124 |
| IHD | 30 | 2.90  | 1.04  | 1     | 1.129 |
| IHD | 30 | 3.00  | 1.043 | 1     | 1.135 |
| IHD | 30 | 3.10  | 1.046 | 1     | 1.141 |
| IHD | 30 | 3.20  | 1.049 | 1     | 1.147 |
| IHD | 30 | 3.30  | 1.052 | 1     | 1.153 |
| IHD | 30 | 3.40  | 1.055 | 1     | 1.158 |
| IHD | 30 | 3.50  | 1.058 | 1     | 1.163 |
| IHD | 30 | 3.60  | 1.061 | 1     | 1.169 |
| IHD | 30 | 3.70  | 1.064 | 1     | 1.174 |
| IHD | 30 | 3.80  | 1.067 | 1     | 1.18  |
| IHD | 30 | 3.90  | 1.07  | 1     | 1.186 |
| IHD | 30 | 4.00  | 1.073 | 1.001 | 1.192 |
| IHD | 30 | 4.10  | 1.076 | 1.002 | 1.198 |
| IHD | 30 | 4.20  | 1.079 | 1.004 | 1.203 |
| IHD | 30 | 4.30  | 1.082 | 1.005 | 1.209 |
| IHD | 30 | 4.40  | 1.085 | 1.007 | 1.215 |
| IHD | 30 | 4.50  | 1.088 | 1.008 | 1.221 |
| IHD | 30 | 4.60  | 1.091 | 1.01  | 1.226 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 30 | 4.70 | 1.094 | 1.011 | 1.232 |
| IHD | 30 | 4.80 | 1.097 | 1.013 | 1.238 |
| IHD | 30 | 4.90 | 1.1   | 1.015 | 1.243 |
| IHD | 30 | 5.00 | 1.103 | 1.017 | 1.249 |
| IHD | 30 | 5.10 | 1.106 | 1.019 | 1.255 |
| IHD | 30 | 5.20 | 1.109 | 1.021 | 1.26  |
| IHD | 30 | 5.30 | 1.112 | 1.022 | 1.266 |
| IHD | 30 | 5.40 | 1.115 | 1.024 | 1.271 |
| IHD | 30 | 5.50 | 1.118 | 1.026 | 1.276 |
| IHD | 30 | 5.60 | 1.121 | 1.028 | 1.281 |
| IHD | 30 | 5.70 | 1.124 | 1.029 | 1.286 |
| IHD | 30 | 5.80 | 1.127 | 1.031 | 1.291 |
| IHD | 30 | 5.90 | 1.13  | 1.032 | 1.296 |
| IHD | 30 | 6.00 | 1.133 | 1.034 | 1.301 |
| IHD | 30 | 6.10 | 1.136 | 1.036 | 1.306 |
| IHD | 30 | 6.20 | 1.139 | 1.037 | 1.311 |
| IHD | 30 | 6.30 | 1.142 | 1.039 | 1.316 |
| IHD | 30 | 6.40 | 1.145 | 1.041 | 1.321 |
| IHD | 30 | 6.50 | 1.148 | 1.042 | 1.326 |
| IHD | 30 | 6.60 | 1.151 | 1.044 | 1.331 |
| IHD | 30 | 6.70 | 1.154 | 1.046 | 1.336 |
| IHD | 30 | 6.80 | 1.157 | 1.047 | 1.342 |
| IHD | 30 | 6.90 | 1.159 | 1.049 | 1.347 |
| IHD | 30 | 7.00 | 1.162 | 1.05  | 1.352 |
| IHD | 30 | 7.10 | 1.165 | 1.052 | 1.357 |
| IHD | 30 | 7.20 | 1.168 | 1.054 | 1.363 |
| IHD | 30 | 7.30 | 1.171 | 1.055 | 1.368 |
| IHD | 30 | 7.40 | 1.174 | 1.057 | 1.373 |
| IHD | 30 | 7.50 | 1.177 | 1.058 | 1.379 |
| IHD | 30 | 7.60 | 1.18  | 1.06  | 1.384 |
| IHD | 30 | 7.70 | 1.183 | 1.062 | 1.389 |
| IHD | 30 | 7.80 | 1.185 | 1.064 | 1.394 |
| IHD | 30 | 7.90 | 1.188 | 1.065 | 1.399 |
| IHD | 30 | 8.00 | 1.191 | 1.066 | 1.404 |
| IHD | 30 | 8.10 | 1.194 | 1.068 | 1.41  |
| IHD | 30 | 8.20 | 1.197 | 1.069 | 1.415 |
| IHD | 30 | 8.30 | 1.2   | 1.071 | 1.42  |
| IHD | 30 | 8.40 | 1.202 | 1.072 | 1.425 |
| IHD | 30 | 8.50 | 1.205 | 1.074 | 1.43  |
| IHD | 30 | 8.60 | 1.208 | 1.075 | 1.435 |
| IHD | 30 | 8.70 | 1.211 | 1.077 | 1.44  |
| IHD | 30 | 8.80 | 1.214 | 1.079 | 1.445 |
| IHD | 30 | 8.90 | 1.216 | 1.081 | 1.45  |
| IHD | 30 | 9.00 | 1.219 | 1.082 | 1.454 |
| IHD | 30 | 9.10 | 1.222 | 1.084 | 1.459 |
| IHD | 30 | 9.20 | 1.225 | 1.085 | 1.464 |
| IHD | 30 | 9.30 | 1.228 | 1.087 | 1.468 |
| IHD | 30 | 9.40 | 1.23  | 1.088 | 1.473 |
| IHD | 30 | 9.50 | 1.233 | 1.09  | 1.477 |
| IHD | 30 | 9.60 | 1.236 | 1.091 | 1.482 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 9.70  | 1.239 | 1.093 | 1.486 |
| IHD | 30 | 9.80  | 1.241 | 1.094 | 1.491 |
| IHD | 30 | 9.90  | 1.244 | 1.096 | 1.495 |
| IHD | 30 | 10.00 | 1.247 | 1.097 | 1.5   |
| IHD | 30 | 10.10 | 1.25  | 1.099 | 1.504 |
| IHD | 30 | 10.20 | 1.252 | 1.1   | 1.509 |
| IHD | 30 | 10.30 | 1.255 | 1.102 | 1.513 |
| IHD | 30 | 10.40 | 1.258 | 1.103 | 1.517 |
| IHD | 30 | 10.50 | 1.26  | 1.104 | 1.522 |
| IHD | 30 | 10.60 | 1.263 | 1.106 | 1.526 |
| IHD | 30 | 10.70 | 1.266 | 1.107 | 1.531 |
| IHD | 30 | 10.80 | 1.268 | 1.109 | 1.535 |
| IHD | 30 | 10.90 | 1.271 | 1.11  | 1.539 |
| IHD | 30 | 11.00 | 1.274 | 1.112 | 1.544 |
| IHD | 30 | 11.10 | 1.277 | 1.113 | 1.548 |
| IHD | 30 | 11.20 | 1.279 | 1.115 | 1.552 |
| IHD | 30 | 11.30 | 1.282 | 1.116 | 1.556 |
| IHD | 30 | 11.40 | 1.284 | 1.118 | 1.561 |
| IHD | 30 | 11.50 | 1.287 | 1.119 | 1.565 |
| IHD | 30 | 11.60 | 1.29  | 1.121 | 1.569 |
| IHD | 30 | 11.70 | 1.292 | 1.122 | 1.573 |
| IHD | 30 | 11.80 | 1.295 | 1.124 | 1.578 |
| IHD | 30 | 11.90 | 1.298 | 1.125 | 1.582 |
| IHD | 30 | 12.00 | 1.3   | 1.127 | 1.586 |
| IHD | 30 | 12.10 | 1.303 | 1.128 | 1.591 |
| IHD | 30 | 12.20 | 1.306 | 1.13  | 1.595 |
| IHD | 30 | 12.30 | 1.308 | 1.131 | 1.599 |
| IHD | 30 | 12.40 | 1.311 | 1.133 | 1.604 |
| IHD | 30 | 12.50 | 1.313 | 1.134 | 1.608 |
| IHD | 30 | 12.60 | 1.316 | 1.136 | 1.612 |
| IHD | 30 | 12.70 | 1.319 | 1.137 | 1.617 |
| IHD | 30 | 12.80 | 1.321 | 1.139 | 1.621 |
| IHD | 30 | 12.90 | 1.324 | 1.14  | 1.626 |
| IHD | 30 | 13.00 | 1.326 | 1.141 | 1.63  |
| IHD | 30 | 13.10 | 1.329 | 1.143 | 1.634 |
| IHD | 30 | 13.20 | 1.331 | 1.144 | 1.637 |
| IHD | 30 | 13.30 | 1.334 | 1.146 | 1.641 |
| IHD | 30 | 13.40 | 1.337 | 1.147 | 1.645 |
| IHD | 30 | 13.50 | 1.339 | 1.149 | 1.649 |
| IHD | 30 | 13.60 | 1.342 | 1.15  | 1.652 |
| IHD | 30 | 13.70 | 1.344 | 1.152 | 1.656 |
| IHD | 30 | 13.80 | 1.347 | 1.153 | 1.66  |
| IHD | 30 | 13.90 | 1.349 | 1.155 | 1.664 |
| IHD | 30 | 14.00 | 1.352 | 1.156 | 1.668 |
| IHD | 30 | 14.10 | 1.354 | 1.157 | 1.671 |
| IHD | 30 | 14.20 | 1.357 | 1.159 | 1.675 |
| IHD | 30 | 14.30 | 1.359 | 1.16  | 1.679 |
| IHD | 30 | 14.40 | 1.362 | 1.162 | 1.682 |
| IHD | 30 | 14.50 | 1.364 | 1.163 | 1.686 |
| IHD | 30 | 14.60 | 1.367 | 1.165 | 1.69  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 14.70 | 1.369 | 1.166 | 1.693 |
| IHD | 30 | 14.80 | 1.372 | 1.167 | 1.697 |
| IHD | 30 | 14.90 | 1.374 | 1.169 | 1.701 |
| IHD | 30 | 15.00 | 1.377 | 1.17  | 1.704 |
| IHD | 30 | 15.10 | 1.379 | 1.172 | 1.708 |
| IHD | 30 | 15.20 | 1.382 | 1.173 | 1.712 |
| IHD | 30 | 15.30 | 1.384 | 1.175 | 1.715 |
| IHD | 30 | 15.40 | 1.387 | 1.176 | 1.719 |
| IHD | 30 | 15.50 | 1.389 | 1.178 | 1.723 |
| IHD | 30 | 15.60 | 1.391 | 1.179 | 1.726 |
| IHD | 30 | 15.70 | 1.394 | 1.181 | 1.73  |
| IHD | 30 | 15.80 | 1.396 | 1.182 | 1.734 |
| IHD | 30 | 15.90 | 1.399 | 1.184 | 1.737 |
| IHD | 30 | 16.00 | 1.401 | 1.186 | 1.741 |
| IHD | 30 | 16.10 | 1.404 | 1.187 | 1.744 |
| IHD | 30 | 16.20 | 1.406 | 1.189 | 1.748 |
| IHD | 30 | 16.30 | 1.408 | 1.19  | 1.751 |
| IHD | 30 | 16.40 | 1.411 | 1.192 | 1.755 |
| IHD | 30 | 16.50 | 1.413 | 1.193 | 1.758 |
| IHD | 30 | 16.60 | 1.416 | 1.195 | 1.762 |
| IHD | 30 | 16.70 | 1.418 | 1.196 | 1.765 |
| IHD | 30 | 16.80 | 1.42  | 1.198 | 1.769 |
| IHD | 30 | 16.90 | 1.423 | 1.2   | 1.772 |
| IHD | 30 | 17.00 | 1.425 | 1.201 | 1.775 |
| IHD | 30 | 17.10 | 1.428 | 1.203 | 1.779 |
| IHD | 30 | 17.20 | 1.43  | 1.204 | 1.782 |
| IHD | 30 | 17.30 | 1.432 | 1.206 | 1.786 |
| IHD | 30 | 17.40 | 1.435 | 1.207 | 1.789 |
| IHD | 30 | 17.50 | 1.437 | 1.208 | 1.793 |
| IHD | 30 | 17.60 | 1.439 | 1.21  | 1.796 |
| IHD | 30 | 17.70 | 1.442 | 1.211 | 1.8   |
| IHD | 30 | 17.80 | 1.444 | 1.213 | 1.803 |
| IHD | 30 | 17.90 | 1.446 | 1.214 | 1.807 |
| IHD | 30 | 18.00 | 1.449 | 1.216 | 1.81  |
| IHD | 30 | 18.10 | 1.451 | 1.217 | 1.813 |
| IHD | 30 | 18.20 | 1.453 | 1.219 | 1.817 |
| IHD | 30 | 18.30 | 1.456 | 1.22  | 1.82  |
| IHD | 30 | 18.40 | 1.458 | 1.221 | 1.823 |
| IHD | 30 | 18.50 | 1.46  | 1.223 | 1.827 |
| IHD | 30 | 18.60 | 1.463 | 1.224 | 1.83  |
| IHD | 30 | 18.70 | 1.465 | 1.225 | 1.833 |
| IHD | 30 | 18.80 | 1.467 | 1.227 | 1.836 |
| IHD | 30 | 18.90 | 1.469 | 1.228 | 1.84  |
| IHD | 30 | 19.00 | 1.472 | 1.229 | 1.843 |
| IHD | 30 | 19.10 | 1.474 | 1.231 | 1.846 |
| IHD | 30 | 19.20 | 1.476 | 1.232 | 1.849 |
| IHD | 30 | 19.30 | 1.478 | 1.234 | 1.852 |
| IHD | 30 | 19.40 | 1.481 | 1.235 | 1.855 |
| IHD | 30 | 19.50 | 1.483 | 1.237 | 1.859 |
| IHD | 30 | 19.60 | 1.485 | 1.238 | 1.862 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 19.70 | 1.488 | 1.24  | 1.865 |
| IHD | 30 | 19.80 | 1.49  | 1.241 | 1.868 |
| IHD | 30 | 19.90 | 1.492 | 1.243 | 1.871 |
| IHD | 30 | 20.00 | 1.494 | 1.244 | 1.874 |
| IHD | 30 | 20.10 | 1.496 | 1.246 | 1.877 |
| IHD | 30 | 20.20 | 1.499 | 1.247 | 1.88  |
| IHD | 30 | 20.30 | 1.501 | 1.249 | 1.883 |
| IHD | 30 | 20.40 | 1.503 | 1.25  | 1.886 |
| IHD | 30 | 20.50 | 1.505 | 1.252 | 1.889 |
| IHD | 30 | 20.60 | 1.508 | 1.253 | 1.892 |
| IHD | 30 | 20.70 | 1.51  | 1.255 | 1.895 |
| IHD | 30 | 20.80 | 1.512 | 1.257 | 1.899 |
| IHD | 30 | 20.90 | 1.514 | 1.258 | 1.902 |
| IHD | 30 | 21.00 | 1.516 | 1.26  | 1.905 |
| IHD | 30 | 21.10 | 1.519 | 1.261 | 1.907 |
| IHD | 30 | 21.20 | 1.521 | 1.263 | 1.91  |
| IHD | 30 | 21.30 | 1.523 | 1.264 | 1.913 |
| IHD | 30 | 21.40 | 1.525 | 1.266 | 1.915 |
| IHD | 30 | 21.50 | 1.527 | 1.267 | 1.918 |
| IHD | 30 | 21.60 | 1.529 | 1.269 | 1.921 |
| IHD | 30 | 21.70 | 1.532 | 1.27  | 1.923 |
| IHD | 30 | 21.80 | 1.534 | 1.272 | 1.926 |
| IHD | 30 | 21.90 | 1.536 | 1.273 | 1.929 |
| IHD | 30 | 22.00 | 1.538 | 1.275 | 1.931 |
| IHD | 30 | 22.10 | 1.54  | 1.276 | 1.934 |
| IHD | 30 | 22.20 | 1.542 | 1.277 | 1.937 |
| IHD | 30 | 22.30 | 1.544 | 1.279 | 1.94  |
| IHD | 30 | 22.40 | 1.547 | 1.28  | 1.942 |
| IHD | 30 | 22.50 | 1.549 | 1.281 | 1.945 |
| IHD | 30 | 22.60 | 1.551 | 1.283 | 1.948 |
| IHD | 30 | 22.70 | 1.553 | 1.284 | 1.951 |
| IHD | 30 | 22.80 | 1.555 | 1.285 | 1.954 |
| IHD | 30 | 22.90 | 1.557 | 1.286 | 1.956 |
| IHD | 30 | 23.00 | 1.559 | 1.288 | 1.959 |
| IHD | 30 | 23.10 | 1.561 | 1.289 | 1.962 |
| IHD | 30 | 23.20 | 1.563 | 1.291 | 1.965 |
| IHD | 30 | 23.30 | 1.565 | 1.292 | 1.968 |
| IHD | 30 | 23.40 | 1.568 | 1.294 | 1.97  |
| IHD | 30 | 23.50 | 1.57  | 1.295 | 1.973 |
| IHD | 30 | 23.60 | 1.572 | 1.297 | 1.976 |
| IHD | 30 | 23.70 | 1.574 | 1.298 | 1.979 |
| IHD | 30 | 23.80 | 1.576 | 1.3   | 1.982 |
| IHD | 30 | 23.90 | 1.578 | 1.301 | 1.984 |
| IHD | 30 | 24.00 | 1.58  | 1.303 | 1.987 |
| IHD | 30 | 24.10 | 1.582 | 1.304 | 1.99  |
| IHD | 30 | 24.20 | 1.584 | 1.306 | 1.992 |
| IHD | 30 | 24.30 | 1.586 | 1.307 | 1.995 |
| IHD | 30 | 24.40 | 1.588 | 1.309 | 1.997 |
| IHD | 30 | 24.50 | 1.59  | 1.31  | 2     |
| IHD | 30 | 24.60 | 1.592 | 1.312 | 2.002 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 24.70 | 1.594 | 1.313 | 2.004 |
| IHD | 30 | 24.80 | 1.596 | 1.315 | 2.007 |
| IHD | 30 | 24.90 | 1.598 | 1.316 | 2.009 |
| IHD | 30 | 25.00 | 1.6   | 1.318 | 2.012 |
| IHD | 30 | 25.10 | 1.602 | 1.319 | 2.015 |
| IHD | 30 | 25.20 | 1.604 | 1.32  | 2.017 |
| IHD | 30 | 25.30 | 1.606 | 1.322 | 2.02  |
| IHD | 30 | 25.40 | 1.608 | 1.323 | 2.023 |
| IHD | 30 | 25.50 | 1.61  | 1.325 | 2.025 |
| IHD | 30 | 25.60 | 1.612 | 1.326 | 2.028 |
| IHD | 30 | 25.70 | 1.614 | 1.327 | 2.031 |
| IHD | 30 | 25.80 | 1.616 | 1.329 | 2.033 |
| IHD | 30 | 25.90 | 1.618 | 1.33  | 2.036 |
| IHD | 30 | 26.00 | 1.62  | 1.332 | 2.039 |
| IHD | 30 | 26.10 | 1.622 | 1.333 | 2.041 |
| IHD | 30 | 26.20 | 1.624 | 1.334 | 2.044 |
| IHD | 30 | 26.30 | 1.626 | 1.336 | 2.046 |
| IHD | 30 | 26.40 | 1.628 | 1.337 | 2.049 |
| IHD | 30 | 26.50 | 1.63  | 1.339 | 2.051 |
| IHD | 30 | 26.60 | 1.632 | 1.34  | 2.054 |
| IHD | 30 | 26.70 | 1.634 | 1.342 | 2.056 |
| IHD | 30 | 26.80 | 1.636 | 1.343 | 2.059 |
| IHD | 30 | 26.90 | 1.638 | 1.345 | 2.061 |
| IHD | 30 | 27.00 | 1.64  | 1.346 | 2.064 |
| IHD | 30 | 27.10 | 1.642 | 1.348 | 2.066 |
| IHD | 30 | 27.20 | 1.644 | 1.349 | 2.068 |
| IHD | 30 | 27.30 | 1.646 | 1.35  | 2.071 |
| IHD | 30 | 27.40 | 1.648 | 1.352 | 2.073 |
| IHD | 30 | 27.50 | 1.65  | 1.353 | 2.075 |
| IHD | 30 | 27.60 | 1.651 | 1.355 | 2.078 |
| IHD | 30 | 27.70 | 1.653 | 1.356 | 2.08  |
| IHD | 30 | 27.80 | 1.655 | 1.357 | 2.082 |
| IHD | 30 | 27.90 | 1.657 | 1.359 | 2.085 |
| IHD | 30 | 28.00 | 1.659 | 1.36  | 2.087 |
| IHD | 30 | 28.10 | 1.661 | 1.362 | 2.089 |
| IHD | 30 | 28.20 | 1.663 | 1.363 | 2.092 |
| IHD | 30 | 28.30 | 1.665 | 1.365 | 2.094 |
| IHD | 30 | 28.40 | 1.667 | 1.366 | 2.096 |
| IHD | 30 | 28.50 | 1.668 | 1.367 | 2.099 |
| IHD | 30 | 28.60 | 1.67  | 1.369 | 2.101 |
| IHD | 30 | 28.70 | 1.672 | 1.37  | 2.103 |
| IHD | 30 | 28.80 | 1.674 | 1.372 | 2.106 |
| IHD | 30 | 28.90 | 1.676 | 1.373 | 2.108 |
| IHD | 30 | 29.00 | 1.678 | 1.375 | 2.111 |
| IHD | 30 | 29.10 | 1.68  | 1.376 | 2.113 |
| IHD | 30 | 29.20 | 1.682 | 1.378 | 2.115 |
| IHD | 30 | 29.30 | 1.683 | 1.379 | 2.118 |
| IHD | 30 | 29.40 | 1.685 | 1.38  | 2.12  |
| IHD | 30 | 29.50 | 1.687 | 1.382 | 2.123 |
| IHD | 30 | 29.60 | 1.689 | 1.383 | 2.125 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 29.70 | 1.691 | 1.385 | 2.128 |
| IHD | 30 | 29.80 | 1.693 | 1.386 | 2.13  |
| IHD | 30 | 29.90 | 1.694 | 1.388 | 2.132 |
| IHD | 30 | 30.00 | 1.696 | 1.389 | 2.135 |
| IHD | 30 | 30.10 | 1.698 | 1.39  | 2.137 |
| IHD | 30 | 30.20 | 1.7   | 1.391 | 2.139 |
| IHD | 30 | 30.30 | 1.702 | 1.393 | 2.141 |
| IHD | 30 | 30.40 | 1.704 | 1.394 | 2.144 |
| IHD | 30 | 30.50 | 1.705 | 1.395 | 2.146 |
| IHD | 30 | 30.60 | 1.707 | 1.396 | 2.148 |
| IHD | 30 | 30.70 | 1.709 | 1.398 | 2.15  |
| IHD | 30 | 30.80 | 1.711 | 1.399 | 2.152 |
| IHD | 30 | 30.90 | 1.713 | 1.4   | 2.155 |
| IHD | 30 | 31.00 | 1.714 | 1.401 | 2.157 |
| IHD | 30 | 31.10 | 1.716 | 1.403 | 2.159 |
| IHD | 30 | 31.20 | 1.718 | 1.404 | 2.161 |
| IHD | 30 | 31.30 | 1.72  | 1.406 | 2.164 |
| IHD | 30 | 31.40 | 1.721 | 1.407 | 2.166 |
| IHD | 30 | 31.50 | 1.723 | 1.409 | 2.168 |
| IHD | 30 | 31.60 | 1.725 | 1.41  | 2.17  |
| IHD | 30 | 31.70 | 1.727 | 1.412 | 2.172 |
| IHD | 30 | 31.80 | 1.729 | 1.413 | 2.175 |
| IHD | 30 | 31.90 | 1.73  | 1.415 | 2.177 |
| IHD | 30 | 32.00 | 1.732 | 1.416 | 2.179 |
| IHD | 30 | 32.10 | 1.734 | 1.418 | 2.181 |
| IHD | 30 | 32.20 | 1.736 | 1.419 | 2.183 |
| IHD | 30 | 32.30 | 1.737 | 1.42  | 2.186 |
| IHD | 30 | 32.40 | 1.739 | 1.422 | 2.188 |
| IHD | 30 | 32.50 | 1.741 | 1.423 | 2.19  |
| IHD | 30 | 32.60 | 1.743 | 1.425 | 2.192 |
| IHD | 30 | 32.70 | 1.744 | 1.426 | 2.194 |
| IHD | 30 | 32.80 | 1.746 | 1.428 | 2.196 |
| IHD | 30 | 32.90 | 1.748 | 1.429 | 2.198 |
| IHD | 30 | 33.00 | 1.749 | 1.431 | 2.2   |
| IHD | 30 | 33.10 | 1.751 | 1.432 | 2.202 |
| IHD | 30 | 33.20 | 1.753 | 1.434 | 2.204 |
| IHD | 30 | 33.30 | 1.755 | 1.435 | 2.206 |
| IHD | 30 | 33.40 | 1.756 | 1.437 | 2.208 |
| IHD | 30 | 33.50 | 1.758 | 1.438 | 2.209 |
| IHD | 30 | 33.60 | 1.76  | 1.439 | 2.211 |
| IHD | 30 | 33.70 | 1.761 | 1.441 | 2.213 |
| IHD | 30 | 33.80 | 1.763 | 1.442 | 2.215 |
| IHD | 30 | 33.90 | 1.765 | 1.444 | 2.217 |
| IHD | 30 | 34.00 | 1.767 | 1.445 | 2.218 |
| IHD | 30 | 34.10 | 1.768 | 1.446 | 2.22  |
| IHD | 30 | 34.20 | 1.77  | 1.448 | 2.222 |
| IHD | 30 | 34.30 | 1.772 | 1.449 | 2.224 |
| IHD | 30 | 34.40 | 1.773 | 1.45  | 2.226 |
| IHD | 30 | 34.50 | 1.775 | 1.451 | 2.228 |
| IHD | 30 | 34.60 | 1.777 | 1.453 | 2.229 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 34.70 | 1.778 | 1.454 | 2.231 |
| IHD | 30 | 34.80 | 1.78  | 1.455 | 2.233 |
| IHD | 30 | 34.90 | 1.782 | 1.456 | 2.235 |
| IHD | 30 | 35.00 | 1.783 | 1.457 | 2.237 |
| IHD | 30 | 35.10 | 1.785 | 1.459 | 2.239 |
| IHD | 30 | 35.20 | 1.787 | 1.46  | 2.24  |
| IHD | 30 | 35.30 | 1.788 | 1.461 | 2.242 |
| IHD | 30 | 35.40 | 1.79  | 1.462 | 2.244 |
| IHD | 30 | 35.50 | 1.791 | 1.464 | 2.246 |
| IHD | 30 | 35.60 | 1.793 | 1.465 | 2.248 |
| IHD | 30 | 35.70 | 1.795 | 1.466 | 2.25  |
| IHD | 30 | 35.80 | 1.796 | 1.467 | 2.251 |
| IHD | 30 | 35.90 | 1.798 | 1.468 | 2.253 |
| IHD | 30 | 36.00 | 1.8   | 1.47  | 2.255 |
| IHD | 30 | 36.10 | 1.801 | 1.471 | 2.257 |
| IHD | 30 | 36.20 | 1.803 | 1.472 | 2.259 |
| IHD | 30 | 36.30 | 1.804 | 1.473 | 2.261 |
| IHD | 30 | 36.40 | 1.806 | 1.474 | 2.263 |
| IHD | 30 | 36.50 | 1.808 | 1.475 | 2.265 |
| IHD | 30 | 36.60 | 1.809 | 1.477 | 2.267 |
| IHD | 30 | 36.70 | 1.811 | 1.478 | 2.269 |
| IHD | 30 | 36.80 | 1.812 | 1.479 | 2.271 |
| IHD | 30 | 36.90 | 1.814 | 1.48  | 2.273 |
| IHD | 30 | 37.00 | 1.816 | 1.481 | 2.275 |
| IHD | 30 | 37.10 | 1.817 | 1.483 | 2.277 |
| IHD | 30 | 37.20 | 1.819 | 1.484 | 2.279 |
| IHD | 30 | 37.30 | 1.82  | 1.485 | 2.281 |
| IHD | 30 | 37.40 | 1.822 | 1.487 | 2.283 |
| IHD | 30 | 37.50 | 1.824 | 1.488 | 2.285 |
| IHD | 30 | 37.60 | 1.825 | 1.489 | 2.287 |
| IHD | 30 | 37.70 | 1.827 | 1.491 | 2.289 |
| IHD | 30 | 37.80 | 1.828 | 1.492 | 2.291 |
| IHD | 30 | 37.90 | 1.83  | 1.493 | 2.293 |
| IHD | 30 | 38.00 | 1.832 | 1.495 | 2.295 |
| IHD | 30 | 38.10 | 1.833 | 1.496 | 2.297 |
| IHD | 30 | 38.20 | 1.835 | 1.498 | 2.298 |
| IHD | 30 | 38.30 | 1.836 | 1.499 | 2.3   |
| IHD | 30 | 38.40 | 1.838 | 1.501 | 2.302 |
| IHD | 30 | 38.50 | 1.839 | 1.502 | 2.304 |
| IHD | 30 | 38.60 | 1.841 | 1.503 | 2.306 |
| IHD | 30 | 38.70 | 1.842 | 1.505 | 2.308 |
| IHD | 30 | 38.80 | 1.844 | 1.506 | 2.31  |
| IHD | 30 | 38.90 | 1.845 | 1.508 | 2.312 |
| IHD | 30 | 39.00 | 1.847 | 1.509 | 2.314 |
| IHD | 30 | 39.10 | 1.849 | 1.511 | 2.315 |
| IHD | 30 | 39.20 | 1.85  | 1.512 | 2.317 |
| IHD | 30 | 39.30 | 1.852 | 1.513 | 2.318 |
| IHD | 30 | 39.40 | 1.853 | 1.515 | 2.319 |
| IHD | 30 | 39.50 | 1.855 | 1.516 | 2.321 |
| IHD | 30 | 39.60 | 1.856 | 1.518 | 2.322 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 39.70 | 1.858 | 1.519 | 2.323 |
| IHD | 30 | 39.80 | 1.859 | 1.52  | 2.325 |
| IHD | 30 | 39.90 | 1.861 | 1.522 | 2.326 |
| IHD | 30 | 40.00 | 1.862 | 1.523 | 2.327 |
| IHD | 30 | 40.10 | 1.864 | 1.525 | 2.329 |
| IHD | 30 | 40.20 | 1.865 | 1.526 | 2.33  |
| IHD | 30 | 40.30 | 1.867 | 1.527 | 2.332 |
| IHD | 30 | 40.40 | 1.868 | 1.529 | 2.333 |
| IHD | 30 | 40.50 | 1.87  | 1.53  | 2.334 |
| IHD | 30 | 40.60 | 1.871 | 1.531 | 2.336 |
| IHD | 30 | 40.70 | 1.873 | 1.533 | 2.337 |
| IHD | 30 | 40.80 | 1.874 | 1.534 | 2.339 |
| IHD | 30 | 40.90 | 1.876 | 1.536 | 2.34  |
| IHD | 30 | 41.00 | 1.877 | 1.537 | 2.341 |
| IHD | 30 | 41.10 | 1.879 | 1.538 | 2.343 |
| IHD | 30 | 41.20 | 1.88  | 1.539 | 2.345 |
| IHD | 30 | 41.30 | 1.882 | 1.54  | 2.347 |
| IHD | 30 | 41.40 | 1.883 | 1.541 | 2.349 |
| IHD | 30 | 41.50 | 1.885 | 1.543 | 2.35  |
| IHD | 30 | 41.60 | 1.886 | 1.544 | 2.352 |
| IHD | 30 | 41.70 | 1.887 | 1.545 | 2.354 |
| IHD | 30 | 41.80 | 1.889 | 1.546 | 2.356 |
| IHD | 30 | 41.90 | 1.89  | 1.547 | 2.358 |
| IHD | 30 | 42.00 | 1.892 | 1.548 | 2.359 |
| IHD | 30 | 42.10 | 1.893 | 1.549 | 2.361 |
| IHD | 30 | 42.20 | 1.895 | 1.551 | 2.363 |
| IHD | 30 | 42.30 | 1.896 | 1.552 | 2.365 |
| IHD | 30 | 42.40 | 1.898 | 1.553 | 2.367 |
| IHD | 30 | 42.50 | 1.899 | 1.554 | 2.369 |
| IHD | 30 | 42.60 | 1.901 | 1.555 | 2.371 |
| IHD | 30 | 42.70 | 1.902 | 1.557 | 2.373 |
| IHD | 30 | 42.80 | 1.903 | 1.558 | 2.375 |
| IHD | 30 | 42.90 | 1.905 | 1.559 | 2.377 |
| IHD | 30 | 43.00 | 1.906 | 1.56  | 2.379 |
| IHD | 30 | 43.10 | 1.908 | 1.562 | 2.381 |
| IHD | 30 | 43.20 | 1.909 | 1.563 | 2.383 |
| IHD | 30 | 43.30 | 1.911 | 1.564 | 2.385 |
| IHD | 30 | 43.40 | 1.912 | 1.565 | 2.386 |
| IHD | 30 | 43.50 | 1.913 | 1.567 | 2.388 |
| IHD | 30 | 43.60 | 1.915 | 1.568 | 2.39  |
| IHD | 30 | 43.70 | 1.916 | 1.569 | 2.392 |
| IHD | 30 | 43.80 | 1.918 | 1.571 | 2.394 |
| IHD | 30 | 43.90 | 1.919 | 1.572 | 2.396 |
| IHD | 30 | 44.00 | 1.92  | 1.573 | 2.398 |
| IHD | 30 | 44.10 | 1.922 | 1.574 | 2.399 |
| IHD | 30 | 44.20 | 1.923 | 1.576 | 2.401 |
| IHD | 30 | 44.30 | 1.925 | 1.577 | 2.403 |
| IHD | 30 | 44.40 | 1.926 | 1.578 | 2.404 |
| IHD | 30 | 44.50 | 1.927 | 1.579 | 2.406 |
| IHD | 30 | 44.60 | 1.929 | 1.58  | 2.408 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 44.70 | 1.93  | 1.582 | 2.409 |
| IHD | 30 | 44.80 | 1.932 | 1.583 | 2.411 |
| IHD | 30 | 44.90 | 1.933 | 1.584 | 2.413 |
| IHD | 30 | 45.00 | 1.934 | 1.585 | 2.414 |
| IHD | 30 | 45.10 | 1.936 | 1.586 | 2.416 |
| IHD | 30 | 45.20 | 1.937 | 1.587 | 2.418 |
| IHD | 30 | 45.30 | 1.939 | 1.589 | 2.42  |
| IHD | 30 | 45.40 | 1.94  | 1.59  | 2.422 |
| IHD | 30 | 45.50 | 1.941 | 1.591 | 2.424 |
| IHD | 30 | 45.60 | 1.943 | 1.592 | 2.426 |
| IHD | 30 | 45.70 | 1.944 | 1.594 | 2.429 |
| IHD | 30 | 45.80 | 1.945 | 1.595 | 2.431 |
| IHD | 30 | 45.90 | 1.947 | 1.596 | 2.433 |
| IHD | 30 | 46.00 | 1.948 | 1.597 | 2.435 |
| IHD | 30 | 46.10 | 1.949 | 1.598 | 2.437 |
| IHD | 30 | 46.20 | 1.951 | 1.599 | 2.438 |
| IHD | 30 | 46.30 | 1.952 | 1.6   | 2.44  |
| IHD | 30 | 46.40 | 1.954 | 1.602 | 2.442 |
| IHD | 30 | 46.50 | 1.955 | 1.603 | 2.444 |
| IHD | 30 | 46.60 | 1.956 | 1.604 | 2.446 |
| IHD | 30 | 46.70 | 1.958 | 1.605 | 2.448 |
| IHD | 30 | 46.80 | 1.959 | 1.606 | 2.45  |
| IHD | 30 | 46.90 | 1.96  | 1.607 | 2.452 |
| IHD | 30 | 47.00 | 1.962 | 1.608 | 2.454 |
| IHD | 30 | 47.10 | 1.963 | 1.609 | 2.455 |
| IHD | 30 | 47.20 | 1.964 | 1.61  | 2.457 |
| IHD | 30 | 47.30 | 1.966 | 1.612 | 2.459 |
| IHD | 30 | 47.40 | 1.967 | 1.613 | 2.461 |
| IHD | 30 | 47.50 | 1.968 | 1.614 | 2.462 |
| IHD | 30 | 47.60 | 1.97  | 1.615 | 2.464 |
| IHD | 30 | 47.70 | 1.971 | 1.616 | 2.466 |
| IHD | 30 | 47.80 | 1.972 | 1.617 | 2.467 |
| IHD | 30 | 47.90 | 1.974 | 1.618 | 2.469 |
| IHD | 30 | 48.00 | 1.975 | 1.62  | 2.471 |
| IHD | 30 | 48.10 | 1.976 | 1.621 | 2.472 |
| IHD | 30 | 48.20 | 1.977 | 1.622 | 2.474 |
| IHD | 30 | 48.30 | 1.979 | 1.623 | 2.475 |
| IHD | 30 | 48.40 | 1.98  | 1.624 | 2.476 |
| IHD | 30 | 48.50 | 1.981 | 1.625 | 2.478 |
| IHD | 30 | 48.60 | 1.983 | 1.626 | 2.479 |
| IHD | 30 | 48.70 | 1.984 | 1.627 | 2.481 |
| IHD | 30 | 48.80 | 1.985 | 1.628 | 2.482 |
| IHD | 30 | 48.90 | 1.987 | 1.629 | 2.484 |
| IHD | 30 | 49.00 | 1.988 | 1.63  | 2.485 |
| IHD | 30 | 49.10 | 1.989 | 1.632 | 2.487 |
| IHD | 30 | 49.20 | 1.99  | 1.633 | 2.488 |
| IHD | 30 | 49.30 | 1.992 | 1.634 | 2.49  |
| IHD | 30 | 49.40 | 1.993 | 1.635 | 2.491 |
| IHD | 30 | 49.50 | 1.994 | 1.636 | 2.493 |
| IHD | 30 | 49.60 | 1.996 | 1.638 | 2.495 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 30 | 49.70 | 1.997 | 1.639 | 2.496 |
| IHD | 30 | 49.80 | 1.998 | 1.64  | 2.498 |
| IHD | 30 | 49.90 | 1.999 | 1.641 | 2.499 |
| IHD | 35 | 0.00  | 1     | 1     | 1     |
| IHD | 35 | 0.10  | 1     | 1     | 1     |
| IHD | 35 | 0.20  | 1     | 1     | 1     |
| IHD | 35 | 0.30  | 1     | 1     | 1     |
| IHD | 35 | 0.40  | 1     | 1     | 1     |
| IHD | 35 | 0.50  | 1     | 1     | 1     |
| IHD | 35 | 0.60  | 1     | 1     | 1     |
| IHD | 35 | 0.70  | 1     | 1     | 1     |
| IHD | 35 | 0.80  | 1     | 1     | 1     |
| IHD | 35 | 0.90  | 1     | 1     | 1     |
| IHD | 35 | 1.00  | 1     | 1     | 1     |
| IHD | 35 | 1.10  | 1     | 1     | 1     |
| IHD | 35 | 1.20  | 1     | 1     | 1     |
| IHD | 35 | 1.30  | 1     | 1     | 1     |
| IHD | 35 | 1.40  | 1     | 1     | 1     |
| IHD | 35 | 1.50  | 1.001 | 1     | 1.005 |
| IHD | 35 | 1.60  | 1.001 | 1     | 1.009 |
| IHD | 35 | 1.70  | 1.001 | 1     | 1.014 |
| IHD | 35 | 1.80  | 1.001 | 1     | 1.018 |
| IHD | 35 | 1.90  | 1.002 | 1     | 1.022 |
| IHD | 35 | 2.00  | 1.002 | 1     | 1.027 |
| IHD | 35 | 2.10  | 1.003 | 1     | 1.031 |
| IHD | 35 | 2.20  | 1.004 | 1     | 1.035 |
| IHD | 35 | 2.30  | 1.005 | 1     | 1.039 |
| IHD | 35 | 2.40  | 1.006 | 1     | 1.044 |
| IHD | 35 | 2.50  | 1.007 | 1     | 1.049 |
| IHD | 35 | 2.60  | 1.008 | 1     | 1.053 |
| IHD | 35 | 2.70  | 1.009 | 1     | 1.058 |
| IHD | 35 | 2.80  | 1.01  | 1     | 1.063 |
| IHD | 35 | 2.90  | 1.012 | 1     | 1.067 |
| IHD | 35 | 3.00  | 1.013 | 1     | 1.071 |
| IHD | 35 | 3.10  | 1.015 | 1     | 1.075 |
| IHD | 35 | 3.20  | 1.016 | 1     | 1.08  |
| IHD | 35 | 3.30  | 1.018 | 1     | 1.084 |
| IHD | 35 | 3.40  | 1.02  | 1     | 1.088 |
| IHD | 35 | 3.50  | 1.022 | 1     | 1.093 |
| IHD | 35 | 3.60  | 1.024 | 1     | 1.097 |
| IHD | 35 | 3.70  | 1.026 | 1     | 1.102 |
| IHD | 35 | 3.80  | 1.028 | 1     | 1.106 |
| IHD | 35 | 3.90  | 1.03  | 1     | 1.11  |
| IHD | 35 | 4.00  | 1.032 | 1     | 1.115 |
| IHD | 35 | 4.10  | 1.034 | 1     | 1.12  |
| IHD | 35 | 4.20  | 1.036 | 1     | 1.124 |
| IHD | 35 | 4.30  | 1.039 | 1     | 1.129 |
| IHD | 35 | 4.40  | 1.041 | 1     | 1.134 |
| IHD | 35 | 4.50  | 1.043 | 1     | 1.139 |
| IHD | 35 | 4.60  | 1.045 | 1     | 1.143 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 35 | 4.70 | 1.048 | 1     | 1.148 |
| IHD | 35 | 4.80 | 1.05  | 1     | 1.152 |
| IHD | 35 | 4.90 | 1.053 | 1     | 1.156 |
| IHD | 35 | 5.00 | 1.055 | 1     | 1.16  |
| IHD | 35 | 5.10 | 1.058 | 1     | 1.164 |
| IHD | 35 | 5.20 | 1.06  | 1     | 1.168 |
| IHD | 35 | 5.30 | 1.062 | 1     | 1.172 |
| IHD | 35 | 5.40 | 1.065 | 1     | 1.176 |
| IHD | 35 | 5.50 | 1.067 | 1     | 1.18  |
| IHD | 35 | 5.60 | 1.07  | 1     | 1.185 |
| IHD | 35 | 5.70 | 1.072 | 1     | 1.189 |
| IHD | 35 | 5.80 | 1.075 | 1     | 1.193 |
| IHD | 35 | 5.90 | 1.078 | 1     | 1.197 |
| IHD | 35 | 6.00 | 1.08  | 1     | 1.202 |
| IHD | 35 | 6.10 | 1.083 | 1     | 1.206 |
| IHD | 35 | 6.20 | 1.085 | 1     | 1.21  |
| IHD | 35 | 6.30 | 1.088 | 1     | 1.214 |
| IHD | 35 | 6.40 | 1.09  | 1     | 1.219 |
| IHD | 35 | 6.50 | 1.093 | 1     | 1.223 |
| IHD | 35 | 6.60 | 1.095 | 1     | 1.227 |
| IHD | 35 | 6.70 | 1.098 | 1     | 1.231 |
| IHD | 35 | 6.80 | 1.1   | 1.001 | 1.235 |
| IHD | 35 | 6.90 | 1.103 | 1.003 | 1.24  |
| IHD | 35 | 7.00 | 1.105 | 1.004 | 1.244 |
| IHD | 35 | 7.10 | 1.108 | 1.006 | 1.248 |
| IHD | 35 | 7.20 | 1.11  | 1.007 | 1.252 |
| IHD | 35 | 7.30 | 1.113 | 1.009 | 1.256 |
| IHD | 35 | 7.40 | 1.115 | 1.01  | 1.259 |
| IHD | 35 | 7.50 | 1.118 | 1.012 | 1.263 |
| IHD | 35 | 7.60 | 1.12  | 1.014 | 1.267 |
| IHD | 35 | 7.70 | 1.123 | 1.015 | 1.27  |
| IHD | 35 | 7.80 | 1.125 | 1.017 | 1.274 |
| IHD | 35 | 7.90 | 1.128 | 1.019 | 1.277 |
| IHD | 35 | 8.00 | 1.13  | 1.02  | 1.281 |
| IHD | 35 | 8.10 | 1.133 | 1.022 | 1.284 |
| IHD | 35 | 8.20 | 1.135 | 1.024 | 1.288 |
| IHD | 35 | 8.30 | 1.138 | 1.025 | 1.292 |
| IHD | 35 | 8.40 | 1.14  | 1.026 | 1.296 |
| IHD | 35 | 8.50 | 1.143 | 1.028 | 1.3   |
| IHD | 35 | 8.60 | 1.145 | 1.029 | 1.304 |
| IHD | 35 | 8.70 | 1.148 | 1.031 | 1.308 |
| IHD | 35 | 8.80 | 1.15  | 1.033 | 1.312 |
| IHD | 35 | 8.90 | 1.153 | 1.034 | 1.316 |
| IHD | 35 | 9.00 | 1.155 | 1.035 | 1.32  |
| IHD | 35 | 9.10 | 1.158 | 1.037 | 1.324 |
| IHD | 35 | 9.20 | 1.16  | 1.038 | 1.328 |
| IHD | 35 | 9.30 | 1.162 | 1.039 | 1.332 |
| IHD | 35 | 9.40 | 1.165 | 1.04  | 1.336 |
| IHD | 35 | 9.50 | 1.167 | 1.042 | 1.34  |
| IHD | 35 | 9.60 | 1.17  | 1.043 | 1.343 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 9.70  | 1.172 | 1.045 | 1.347 |
| IHD | 35 | 9.80  | 1.175 | 1.046 | 1.351 |
| IHD | 35 | 9.90  | 1.177 | 1.048 | 1.354 |
| IHD | 35 | 10.00 | 1.179 | 1.049 | 1.358 |
| IHD | 35 | 10.10 | 1.182 | 1.051 | 1.362 |
| IHD | 35 | 10.20 | 1.184 | 1.052 | 1.365 |
| IHD | 35 | 10.30 | 1.186 | 1.054 | 1.369 |
| IHD | 35 | 10.40 | 1.189 | 1.055 | 1.373 |
| IHD | 35 | 10.50 | 1.191 | 1.057 | 1.376 |
| IHD | 35 | 10.60 | 1.194 | 1.058 | 1.38  |
| IHD | 35 | 10.70 | 1.196 | 1.06  | 1.384 |
| IHD | 35 | 10.80 | 1.198 | 1.061 | 1.387 |
| IHD | 35 | 10.90 | 1.201 | 1.063 | 1.391 |
| IHD | 35 | 11.00 | 1.203 | 1.064 | 1.395 |
| IHD | 35 | 11.10 | 1.205 | 1.066 | 1.398 |
| IHD | 35 | 11.20 | 1.208 | 1.067 | 1.401 |
| IHD | 35 | 11.30 | 1.21  | 1.069 | 1.405 |
| IHD | 35 | 11.40 | 1.212 | 1.07  | 1.408 |
| IHD | 35 | 11.50 | 1.215 | 1.072 | 1.412 |
| IHD | 35 | 11.60 | 1.217 | 1.073 | 1.415 |
| IHD | 35 | 11.70 | 1.219 | 1.075 | 1.418 |
| IHD | 35 | 11.80 | 1.222 | 1.076 | 1.422 |
| IHD | 35 | 11.90 | 1.224 | 1.078 | 1.425 |
| IHD | 35 | 12.00 | 1.226 | 1.079 | 1.429 |
| IHD | 35 | 12.10 | 1.229 | 1.08  | 1.432 |
| IHD | 35 | 12.20 | 1.231 | 1.082 | 1.436 |
| IHD | 35 | 12.30 | 1.233 | 1.083 | 1.439 |
| IHD | 35 | 12.40 | 1.236 | 1.085 | 1.443 |
| IHD | 35 | 12.50 | 1.238 | 1.086 | 1.446 |
| IHD | 35 | 12.60 | 1.24  | 1.088 | 1.45  |
| IHD | 35 | 12.70 | 1.242 | 1.089 | 1.453 |
| IHD | 35 | 12.80 | 1.245 | 1.09  | 1.457 |
| IHD | 35 | 12.90 | 1.247 | 1.092 | 1.461 |
| IHD | 35 | 13.00 | 1.249 | 1.093 | 1.464 |
| IHD | 35 | 13.10 | 1.252 | 1.095 | 1.468 |
| IHD | 35 | 13.20 | 1.254 | 1.096 | 1.471 |
| IHD | 35 | 13.30 | 1.256 | 1.097 | 1.475 |
| IHD | 35 | 13.40 | 1.258 | 1.098 | 1.478 |
| IHD | 35 | 13.50 | 1.26  | 1.1   | 1.482 |
| IHD | 35 | 13.60 | 1.263 | 1.101 | 1.485 |
| IHD | 35 | 13.70 | 1.265 | 1.102 | 1.488 |
| IHD | 35 | 13.80 | 1.267 | 1.103 | 1.492 |
| IHD | 35 | 13.90 | 1.269 | 1.105 | 1.495 |
| IHD | 35 | 14.00 | 1.272 | 1.106 | 1.499 |
| IHD | 35 | 14.10 | 1.274 | 1.107 | 1.502 |
| IHD | 35 | 14.20 | 1.276 | 1.108 | 1.505 |
| IHD | 35 | 14.30 | 1.278 | 1.11  | 1.509 |
| IHD | 35 | 14.40 | 1.28  | 1.111 | 1.512 |
| IHD | 35 | 14.50 | 1.283 | 1.112 | 1.515 |
| IHD | 35 | 14.60 | 1.285 | 1.114 | 1.519 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 14.70 | 1.287 | 1.115 | 1.522 |
| IHD | 35 | 14.80 | 1.289 | 1.116 | 1.525 |
| IHD | 35 | 14.90 | 1.291 | 1.118 | 1.528 |
| IHD | 35 | 15.00 | 1.294 | 1.119 | 1.532 |
| IHD | 35 | 15.10 | 1.296 | 1.12  | 1.534 |
| IHD | 35 | 15.20 | 1.298 | 1.122 | 1.537 |
| IHD | 35 | 15.30 | 1.3   | 1.123 | 1.54  |
| IHD | 35 | 15.40 | 1.302 | 1.124 | 1.543 |
| IHD | 35 | 15.50 | 1.304 | 1.126 | 1.546 |
| IHD | 35 | 15.60 | 1.307 | 1.127 | 1.548 |
| IHD | 35 | 15.70 | 1.309 | 1.128 | 1.551 |
| IHD | 35 | 15.80 | 1.311 | 1.13  | 1.554 |
| IHD | 35 | 15.90 | 1.313 | 1.131 | 1.557 |
| IHD | 35 | 16.00 | 1.315 | 1.132 | 1.56  |
| IHD | 35 | 16.10 | 1.317 | 1.134 | 1.563 |
| IHD | 35 | 16.20 | 1.319 | 1.135 | 1.566 |
| IHD | 35 | 16.30 | 1.321 | 1.136 | 1.569 |
| IHD | 35 | 16.40 | 1.324 | 1.138 | 1.572 |
| IHD | 35 | 16.50 | 1.326 | 1.139 | 1.575 |
| IHD | 35 | 16.60 | 1.328 | 1.14  | 1.578 |
| IHD | 35 | 16.70 | 1.33  | 1.142 | 1.582 |
| IHD | 35 | 16.80 | 1.332 | 1.143 | 1.585 |
| IHD | 35 | 16.90 | 1.334 | 1.144 | 1.588 |
| IHD | 35 | 17.00 | 1.336 | 1.146 | 1.591 |
| IHD | 35 | 17.10 | 1.338 | 1.147 | 1.594 |
| IHD | 35 | 17.20 | 1.34  | 1.148 | 1.597 |
| IHD | 35 | 17.30 | 1.342 | 1.15  | 1.6   |
| IHD | 35 | 17.40 | 1.344 | 1.151 | 1.602 |
| IHD | 35 | 17.50 | 1.346 | 1.152 | 1.605 |
| IHD | 35 | 17.60 | 1.349 | 1.154 | 1.608 |
| IHD | 35 | 17.70 | 1.351 | 1.155 | 1.611 |
| IHD | 35 | 17.80 | 1.353 | 1.156 | 1.614 |
| IHD | 35 | 17.90 | 1.355 | 1.158 | 1.617 |
| IHD | 35 | 18.00 | 1.357 | 1.159 | 1.62  |
| IHD | 35 | 18.10 | 1.359 | 1.16  | 1.623 |
| IHD | 35 | 18.20 | 1.361 | 1.161 | 1.625 |
| IHD | 35 | 18.30 | 1.363 | 1.163 | 1.628 |
| IHD | 35 | 18.40 | 1.365 | 1.164 | 1.631 |
| IHD | 35 | 18.50 | 1.367 | 1.165 | 1.634 |
| IHD | 35 | 18.60 | 1.369 | 1.167 | 1.637 |
| IHD | 35 | 18.70 | 1.371 | 1.168 | 1.64  |
| IHD | 35 | 18.80 | 1.373 | 1.169 | 1.643 |
| IHD | 35 | 18.90 | 1.375 | 1.171 | 1.646 |
| IHD | 35 | 19.00 | 1.377 | 1.172 | 1.649 |
| IHD | 35 | 19.10 | 1.379 | 1.173 | 1.652 |
| IHD | 35 | 19.20 | 1.381 | 1.174 | 1.655 |
| IHD | 35 | 19.30 | 1.383 | 1.176 | 1.658 |
| IHD | 35 | 19.40 | 1.385 | 1.177 | 1.661 |
| IHD | 35 | 19.50 | 1.387 | 1.178 | 1.664 |
| IHD | 35 | 19.60 | 1.389 | 1.18  | 1.666 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 19.70 | 1.391 | 1.181 | 1.669 |
| IHD | 35 | 19.80 | 1.393 | 1.182 | 1.672 |
| IHD | 35 | 19.90 | 1.395 | 1.184 | 1.675 |
| IHD | 35 | 20.00 | 1.397 | 1.185 | 1.678 |
| IHD | 35 | 20.10 | 1.399 | 1.186 | 1.681 |
| IHD | 35 | 20.20 | 1.401 | 1.187 | 1.683 |
| IHD | 35 | 20.30 | 1.403 | 1.189 | 1.686 |
| IHD | 35 | 20.40 | 1.405 | 1.19  | 1.688 |
| IHD | 35 | 20.50 | 1.406 | 1.191 | 1.691 |
| IHD | 35 | 20.60 | 1.408 | 1.192 | 1.693 |
| IHD | 35 | 20.70 | 1.41  | 1.194 | 1.696 |
| IHD | 35 | 20.80 | 1.412 | 1.195 | 1.698 |
| IHD | 35 | 20.90 | 1.414 | 1.196 | 1.701 |
| IHD | 35 | 21.00 | 1.416 | 1.198 | 1.703 |
| IHD | 35 | 21.10 | 1.418 | 1.199 | 1.706 |
| IHD | 35 | 21.20 | 1.42  | 1.2   | 1.708 |
| IHD | 35 | 21.30 | 1.422 | 1.201 | 1.711 |
| IHD | 35 | 21.40 | 1.424 | 1.203 | 1.713 |
| IHD | 35 | 21.50 | 1.426 | 1.204 | 1.716 |
| IHD | 35 | 21.60 | 1.428 | 1.205 | 1.718 |
| IHD | 35 | 21.70 | 1.429 | 1.207 | 1.72  |
| IHD | 35 | 21.80 | 1.431 | 1.208 | 1.723 |
| IHD | 35 | 21.90 | 1.433 | 1.209 | 1.725 |
| IHD | 35 | 22.00 | 1.435 | 1.21  | 1.728 |
| IHD | 35 | 22.10 | 1.437 | 1.212 | 1.73  |
| IHD | 35 | 22.20 | 1.439 | 1.213 | 1.733 |
| IHD | 35 | 22.30 | 1.441 | 1.214 | 1.736 |
| IHD | 35 | 22.40 | 1.443 | 1.216 | 1.739 |
| IHD | 35 | 22.50 | 1.444 | 1.217 | 1.742 |
| IHD | 35 | 22.60 | 1.446 | 1.218 | 1.744 |
| IHD | 35 | 22.70 | 1.448 | 1.22  | 1.747 |
| IHD | 35 | 22.80 | 1.45  | 1.221 | 1.75  |
| IHD | 35 | 22.90 | 1.452 | 1.222 | 1.753 |
| IHD | 35 | 23.00 | 1.454 | 1.224 | 1.755 |
| IHD | 35 | 23.10 | 1.456 | 1.225 | 1.758 |
| IHD | 35 | 23.20 | 1.457 | 1.226 | 1.76  |
| IHD | 35 | 23.30 | 1.459 | 1.228 | 1.763 |
| IHD | 35 | 23.40 | 1.461 | 1.229 | 1.766 |
| IHD | 35 | 23.50 | 1.463 | 1.231 | 1.768 |
| IHD | 35 | 23.60 | 1.465 | 1.232 | 1.771 |
| IHD | 35 | 23.70 | 1.467 | 1.233 | 1.773 |
| IHD | 35 | 23.80 | 1.468 | 1.235 | 1.776 |
| IHD | 35 | 23.90 | 1.47  | 1.236 | 1.778 |
| IHD | 35 | 24.00 | 1.472 | 1.237 | 1.781 |
| IHD | 35 | 24.10 | 1.474 | 1.239 | 1.783 |
| IHD | 35 | 24.20 | 1.476 | 1.24  | 1.785 |
| IHD | 35 | 24.30 | 1.477 | 1.242 | 1.787 |
| IHD | 35 | 24.40 | 1.479 | 1.243 | 1.789 |
| IHD | 35 | 24.50 | 1.481 | 1.244 | 1.791 |
| IHD | 35 | 24.60 | 1.483 | 1.246 | 1.793 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 24.70 | 1.484 | 1.247 | 1.795 |
| IHD | 35 | 24.80 | 1.486 | 1.248 | 1.797 |
| IHD | 35 | 24.90 | 1.488 | 1.25  | 1.799 |
| IHD | 35 | 25.00 | 1.49  | 1.251 | 1.8   |
| IHD | 35 | 25.10 | 1.492 | 1.253 | 1.803 |
| IHD | 35 | 25.20 | 1.493 | 1.254 | 1.805 |
| IHD | 35 | 25.30 | 1.495 | 1.256 | 1.808 |
| IHD | 35 | 25.40 | 1.497 | 1.257 | 1.81  |
| IHD | 35 | 25.50 | 1.499 | 1.258 | 1.813 |
| IHD | 35 | 25.60 | 1.5   | 1.26  | 1.815 |
| IHD | 35 | 25.70 | 1.502 | 1.261 | 1.817 |
| IHD | 35 | 25.80 | 1.504 | 1.263 | 1.82  |
| IHD | 35 | 25.90 | 1.506 | 1.264 | 1.822 |
| IHD | 35 | 26.00 | 1.507 | 1.266 | 1.825 |
| IHD | 35 | 26.10 | 1.509 | 1.267 | 1.827 |
| IHD | 35 | 26.20 | 1.511 | 1.268 | 1.829 |
| IHD | 35 | 26.30 | 1.512 | 1.269 | 1.832 |
| IHD | 35 | 26.40 | 1.514 | 1.271 | 1.834 |
| IHD | 35 | 26.50 | 1.516 | 1.272 | 1.837 |
| IHD | 35 | 26.60 | 1.518 | 1.273 | 1.839 |
| IHD | 35 | 26.70 | 1.519 | 1.275 | 1.841 |
| IHD | 35 | 26.80 | 1.521 | 1.276 | 1.844 |
| IHD | 35 | 26.90 | 1.523 | 1.277 | 1.846 |
| IHD | 35 | 27.00 | 1.524 | 1.278 | 1.849 |
| IHD | 35 | 27.10 | 1.526 | 1.28  | 1.851 |
| IHD | 35 | 27.20 | 1.528 | 1.281 | 1.853 |
| IHD | 35 | 27.30 | 1.529 | 1.282 | 1.855 |
| IHD | 35 | 27.40 | 1.531 | 1.284 | 1.858 |
| IHD | 35 | 27.50 | 1.533 | 1.285 | 1.86  |
| IHD | 35 | 27.60 | 1.534 | 1.286 | 1.862 |
| IHD | 35 | 27.70 | 1.536 | 1.288 | 1.865 |
| IHD | 35 | 27.80 | 1.538 | 1.289 | 1.867 |
| IHD | 35 | 27.90 | 1.539 | 1.29  | 1.869 |
| IHD | 35 | 28.00 | 1.541 | 1.292 | 1.872 |
| IHD | 35 | 28.10 | 1.543 | 1.293 | 1.874 |
| IHD | 35 | 28.20 | 1.544 | 1.294 | 1.876 |
| IHD | 35 | 28.30 | 1.546 | 1.295 | 1.879 |
| IHD | 35 | 28.40 | 1.548 | 1.297 | 1.881 |
| IHD | 35 | 28.50 | 1.549 | 1.298 | 1.883 |
| IHD | 35 | 28.60 | 1.551 | 1.299 | 1.885 |
| IHD | 35 | 28.70 | 1.553 | 1.3   | 1.888 |
| IHD | 35 | 28.80 | 1.554 | 1.301 | 1.89  |
| IHD | 35 | 28.90 | 1.556 | 1.303 | 1.892 |
| IHD | 35 | 29.00 | 1.558 | 1.304 | 1.895 |
| IHD | 35 | 29.10 | 1.559 | 1.305 | 1.897 |
| IHD | 35 | 29.20 | 1.561 | 1.306 | 1.899 |
| IHD | 35 | 29.30 | 1.562 | 1.307 | 1.901 |
| IHD | 35 | 29.40 | 1.564 | 1.308 | 1.903 |
| IHD | 35 | 29.50 | 1.566 | 1.309 | 1.906 |
| IHD | 35 | 29.60 | 1.567 | 1.31  | 1.908 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 29.70 | 1.569 | 1.311 | 1.91  |
| IHD | 35 | 29.80 | 1.57  | 1.313 | 1.912 |
| IHD | 35 | 29.90 | 1.572 | 1.314 | 1.914 |
| IHD | 35 | 30.00 | 1.574 | 1.315 | 1.917 |
| IHD | 35 | 30.10 | 1.575 | 1.316 | 1.918 |
| IHD | 35 | 30.20 | 1.577 | 1.317 | 1.92  |
| IHD | 35 | 30.30 | 1.578 | 1.318 | 1.921 |
| IHD | 35 | 30.40 | 1.58  | 1.319 | 1.923 |
| IHD | 35 | 30.50 | 1.582 | 1.321 | 1.924 |
| IHD | 35 | 30.60 | 1.583 | 1.322 | 1.926 |
| IHD | 35 | 30.70 | 1.585 | 1.323 | 1.928 |
| IHD | 35 | 30.80 | 1.586 | 1.324 | 1.929 |
| IHD | 35 | 30.90 | 1.588 | 1.325 | 1.931 |
| IHD | 35 | 31.00 | 1.589 | 1.326 | 1.932 |
| IHD | 35 | 31.10 | 1.591 | 1.328 | 1.934 |
| IHD | 35 | 31.20 | 1.593 | 1.329 | 1.936 |
| IHD | 35 | 31.30 | 1.594 | 1.33  | 1.938 |
| IHD | 35 | 31.40 | 1.596 | 1.331 | 1.94  |
| IHD | 35 | 31.50 | 1.597 | 1.333 | 1.942 |
| IHD | 35 | 31.60 | 1.599 | 1.334 | 1.944 |
| IHD | 35 | 31.70 | 1.6   | 1.335 | 1.945 |
| IHD | 35 | 31.80 | 1.602 | 1.336 | 1.947 |
| IHD | 35 | 31.90 | 1.603 | 1.338 | 1.949 |
| IHD | 35 | 32.00 | 1.605 | 1.339 | 1.951 |
| IHD | 35 | 32.10 | 1.606 | 1.34  | 1.953 |
| IHD | 35 | 32.20 | 1.608 | 1.341 | 1.955 |
| IHD | 35 | 32.30 | 1.609 | 1.343 | 1.957 |
| IHD | 35 | 32.40 | 1.611 | 1.344 | 1.959 |
| IHD | 35 | 32.50 | 1.612 | 1.345 | 1.961 |
| IHD | 35 | 32.60 | 1.614 | 1.346 | 1.963 |
| IHD | 35 | 32.70 | 1.615 | 1.348 | 1.965 |
| IHD | 35 | 32.80 | 1.617 | 1.349 | 1.967 |
| IHD | 35 | 32.90 | 1.618 | 1.35  | 1.969 |
| IHD | 35 | 33.00 | 1.62  | 1.351 | 1.971 |
| IHD | 35 | 33.10 | 1.621 | 1.353 | 1.973 |
| IHD | 35 | 33.20 | 1.623 | 1.354 | 1.975 |
| IHD | 35 | 33.30 | 1.624 | 1.355 | 1.976 |
| IHD | 35 | 33.40 | 1.626 | 1.356 | 1.978 |
| IHD | 35 | 33.50 | 1.627 | 1.358 | 1.98  |
| IHD | 35 | 33.60 | 1.629 | 1.359 | 1.982 |
| IHD | 35 | 33.70 | 1.63  | 1.36  | 1.984 |
| IHD | 35 | 33.80 | 1.632 | 1.361 | 1.986 |
| IHD | 35 | 33.90 | 1.633 | 1.363 | 1.988 |
| IHD | 35 | 34.00 | 1.635 | 1.364 | 1.99  |
| IHD | 35 | 34.10 | 1.636 | 1.365 | 1.991 |
| IHD | 35 | 34.20 | 1.638 | 1.366 | 1.993 |
| IHD | 35 | 34.30 | 1.639 | 1.367 | 1.995 |
| IHD | 35 | 34.40 | 1.641 | 1.369 | 1.996 |
| IHD | 35 | 34.50 | 1.642 | 1.37  | 1.998 |
| IHD | 35 | 34.60 | 1.644 | 1.371 | 2     |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 34.70 | 1.645 | 1.372 | 2.001 |
| IHD | 35 | 34.80 | 1.646 | 1.374 | 2.003 |
| IHD | 35 | 34.90 | 1.648 | 1.375 | 2.004 |
| IHD | 35 | 35.00 | 1.649 | 1.376 | 2.006 |
| IHD | 35 | 35.10 | 1.651 | 1.377 | 2.008 |
| IHD | 35 | 35.20 | 1.652 | 1.378 | 2.009 |
| IHD | 35 | 35.30 | 1.654 | 1.38  | 2.011 |
| IHD | 35 | 35.40 | 1.655 | 1.381 | 2.013 |
| IHD | 35 | 35.50 | 1.656 | 1.382 | 2.014 |
| IHD | 35 | 35.60 | 1.658 | 1.383 | 2.016 |
| IHD | 35 | 35.70 | 1.659 | 1.385 | 2.017 |
| IHD | 35 | 35.80 | 1.661 | 1.386 | 2.019 |
| IHD | 35 | 35.90 | 1.662 | 1.387 | 2.021 |
| IHD | 35 | 36.00 | 1.664 | 1.388 | 2.022 |
| IHD | 35 | 36.10 | 1.665 | 1.389 | 2.024 |
| IHD | 35 | 36.20 | 1.666 | 1.39  | 2.026 |
| IHD | 35 | 36.30 | 1.668 | 1.392 | 2.027 |
| IHD | 35 | 36.40 | 1.669 | 1.393 | 2.029 |
| IHD | 35 | 36.50 | 1.671 | 1.394 | 2.031 |
| IHD | 35 | 36.60 | 1.672 | 1.395 | 2.032 |
| IHD | 35 | 36.70 | 1.673 | 1.396 | 2.034 |
| IHD | 35 | 36.80 | 1.675 | 1.397 | 2.036 |
| IHD | 35 | 36.90 | 1.676 | 1.399 | 2.037 |
| IHD | 35 | 37.00 | 1.678 | 1.4   | 2.039 |
| IHD | 35 | 37.10 | 1.679 | 1.401 | 2.041 |
| IHD | 35 | 37.20 | 1.68  | 1.402 | 2.043 |
| IHD | 35 | 37.30 | 1.682 | 1.403 | 2.045 |
| IHD | 35 | 37.40 | 1.683 | 1.404 | 2.046 |
| IHD | 35 | 37.50 | 1.684 | 1.405 | 2.048 |
| IHD | 35 | 37.60 | 1.686 | 1.406 | 2.05  |
| IHD | 35 | 37.70 | 1.687 | 1.407 | 2.052 |
| IHD | 35 | 37.80 | 1.688 | 1.408 | 2.054 |
| IHD | 35 | 37.90 | 1.69  | 1.409 | 2.056 |
| IHD | 35 | 38.00 | 1.691 | 1.41  | 2.057 |
| IHD | 35 | 38.10 | 1.693 | 1.411 | 2.059 |
| IHD | 35 | 38.20 | 1.694 | 1.412 | 2.061 |
| IHD | 35 | 38.30 | 1.695 | 1.413 | 2.063 |
| IHD | 35 | 38.40 | 1.697 | 1.414 | 2.064 |
| IHD | 35 | 38.50 | 1.698 | 1.415 | 2.066 |
| IHD | 35 | 38.60 | 1.699 | 1.416 | 2.068 |
| IHD | 35 | 38.70 | 1.701 | 1.417 | 2.069 |
| IHD | 35 | 38.80 | 1.702 | 1.418 | 2.071 |
| IHD | 35 | 38.90 | 1.703 | 1.419 | 2.073 |
| IHD | 35 | 39.00 | 1.705 | 1.42  | 2.075 |
| IHD | 35 | 39.10 | 1.706 | 1.421 | 2.076 |
| IHD | 35 | 39.20 | 1.707 | 1.422 | 2.078 |
| IHD | 35 | 39.30 | 1.709 | 1.423 | 2.079 |
| IHD | 35 | 39.40 | 1.71  | 1.424 | 2.081 |
| IHD | 35 | 39.50 | 1.711 | 1.425 | 2.082 |
| IHD | 35 | 39.60 | 1.713 | 1.427 | 2.084 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 39.70 | 1.714 | 1.428 | 2.085 |
| IHD | 35 | 39.80 | 1.715 | 1.429 | 2.087 |
| IHD | 35 | 39.90 | 1.716 | 1.43  | 2.089 |
| IHD | 35 | 40.00 | 1.718 | 1.431 | 2.09  |
| IHD | 35 | 40.10 | 1.719 | 1.432 | 2.092 |
| IHD | 35 | 40.20 | 1.72  | 1.433 | 2.093 |
| IHD | 35 | 40.30 | 1.722 | 1.434 | 2.094 |
| IHD | 35 | 40.40 | 1.723 | 1.435 | 2.096 |
| IHD | 35 | 40.50 | 1.724 | 1.436 | 2.097 |
| IHD | 35 | 40.60 | 1.726 | 1.437 | 2.099 |
| IHD | 35 | 40.70 | 1.727 | 1.438 | 2.1   |
| IHD | 35 | 40.80 | 1.728 | 1.44  | 2.102 |
| IHD | 35 | 40.90 | 1.729 | 1.441 | 2.103 |
| IHD | 35 | 41.00 | 1.731 | 1.442 | 2.105 |
| IHD | 35 | 41.10 | 1.732 | 1.443 | 2.106 |
| IHD | 35 | 41.20 | 1.733 | 1.444 | 2.108 |
| IHD | 35 | 41.30 | 1.734 | 1.445 | 2.109 |
| IHD | 35 | 41.40 | 1.736 | 1.446 | 2.111 |
| IHD | 35 | 41.50 | 1.737 | 1.446 | 2.112 |
| IHD | 35 | 41.60 | 1.738 | 1.447 | 2.114 |
| IHD | 35 | 41.70 | 1.74  | 1.448 | 2.115 |
| IHD | 35 | 41.80 | 1.741 | 1.449 | 2.117 |
| IHD | 35 | 41.90 | 1.742 | 1.45  | 2.118 |
| IHD | 35 | 42.00 | 1.743 | 1.451 | 2.12  |
| IHD | 35 | 42.10 | 1.745 | 1.452 | 2.121 |
| IHD | 35 | 42.20 | 1.746 | 1.453 | 2.122 |
| IHD | 35 | 42.30 | 1.747 | 1.455 | 2.124 |
| IHD | 35 | 42.40 | 1.748 | 1.456 | 2.125 |
| IHD | 35 | 42.50 | 1.75  | 1.457 | 2.127 |
| IHD | 35 | 42.60 | 1.751 | 1.458 | 2.128 |
| IHD | 35 | 42.70 | 1.752 | 1.459 | 2.13  |
| IHD | 35 | 42.80 | 1.753 | 1.46  | 2.131 |
| IHD | 35 | 42.90 | 1.755 | 1.461 | 2.133 |
| IHD | 35 | 43.00 | 1.756 | 1.462 | 2.134 |
| IHD | 35 | 43.10 | 1.757 | 1.464 | 2.136 |
| IHD | 35 | 43.20 | 1.758 | 1.465 | 2.137 |
| IHD | 35 | 43.30 | 1.759 | 1.466 | 2.139 |
| IHD | 35 | 43.40 | 1.761 | 1.467 | 2.14  |
| IHD | 35 | 43.50 | 1.762 | 1.468 | 2.142 |
| IHD | 35 | 43.60 | 1.763 | 1.469 | 2.143 |
| IHD | 35 | 43.70 | 1.764 | 1.47  | 2.145 |
| IHD | 35 | 43.80 | 1.766 | 1.471 | 2.147 |
| IHD | 35 | 43.90 | 1.767 | 1.472 | 2.148 |
| IHD | 35 | 44.00 | 1.768 | 1.474 | 2.15  |
| IHD | 35 | 44.10 | 1.769 | 1.475 | 2.151 |
| IHD | 35 | 44.20 | 1.77  | 1.476 | 2.153 |
| IHD | 35 | 44.30 | 1.772 | 1.477 | 2.154 |
| IHD | 35 | 44.40 | 1.773 | 1.478 | 2.156 |
| IHD | 35 | 44.50 | 1.774 | 1.479 | 2.158 |
| IHD | 35 | 44.60 | 1.775 | 1.48  | 2.159 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 44.70 | 1.776 | 1.481 | 2.161 |
| IHD | 35 | 44.80 | 1.777 | 1.482 | 2.162 |
| IHD | 35 | 44.90 | 1.779 | 1.483 | 2.164 |
| IHD | 35 | 45.00 | 1.78  | 1.484 | 2.166 |
| IHD | 35 | 45.10 | 1.781 | 1.485 | 2.167 |
| IHD | 35 | 45.20 | 1.782 | 1.486 | 2.168 |
| IHD | 35 | 45.30 | 1.783 | 1.487 | 2.17  |
| IHD | 35 | 45.40 | 1.785 | 1.488 | 2.171 |
| IHD | 35 | 45.50 | 1.786 | 1.489 | 2.172 |
| IHD | 35 | 45.60 | 1.787 | 1.49  | 2.174 |
| IHD | 35 | 45.70 | 1.788 | 1.492 | 2.175 |
| IHD | 35 | 45.80 | 1.789 | 1.493 | 2.176 |
| IHD | 35 | 45.90 | 1.79  | 1.494 | 2.178 |
| IHD | 35 | 46.00 | 1.792 | 1.495 | 2.179 |
| IHD | 35 | 46.10 | 1.793 | 1.496 | 2.18  |
| IHD | 35 | 46.20 | 1.794 | 1.497 | 2.181 |
| IHD | 35 | 46.30 | 1.795 | 1.498 | 2.181 |
| IHD | 35 | 46.40 | 1.796 | 1.499 | 2.182 |
| IHD | 35 | 46.50 | 1.797 | 1.5   | 2.183 |
| IHD | 35 | 46.60 | 1.798 | 1.501 | 2.183 |
| IHD | 35 | 46.70 | 1.8   | 1.502 | 2.184 |
| IHD | 35 | 46.80 | 1.801 | 1.503 | 2.185 |
| IHD | 35 | 46.90 | 1.802 | 1.504 | 2.185 |
| IHD | 35 | 47.00 | 1.803 | 1.505 | 2.186 |
| IHD | 35 | 47.10 | 1.804 | 1.506 | 2.188 |
| IHD | 35 | 47.20 | 1.805 | 1.507 | 2.189 |
| IHD | 35 | 47.30 | 1.806 | 1.508 | 2.191 |
| IHD | 35 | 47.40 | 1.808 | 1.509 | 2.192 |
| IHD | 35 | 47.50 | 1.809 | 1.51  | 2.194 |
| IHD | 35 | 47.60 | 1.81  | 1.511 | 2.195 |
| IHD | 35 | 47.70 | 1.811 | 1.512 | 2.197 |
| IHD | 35 | 47.80 | 1.812 | 1.513 | 2.198 |
| IHD | 35 | 47.90 | 1.813 | 1.514 | 2.2   |
| IHD | 35 | 48.00 | 1.814 | 1.515 | 2.201 |
| IHD | 35 | 48.10 | 1.815 | 1.516 | 2.203 |
| IHD | 35 | 48.20 | 1.817 | 1.517 | 2.204 |
| IHD | 35 | 48.30 | 1.818 | 1.518 | 2.206 |
| IHD | 35 | 48.40 | 1.819 | 1.519 | 2.207 |
| IHD | 35 | 48.50 | 1.82  | 1.52  | 2.209 |
| IHD | 35 | 48.60 | 1.821 | 1.521 | 2.21  |
| IHD | 35 | 48.70 | 1.822 | 1.523 | 2.212 |
| IHD | 35 | 48.80 | 1.823 | 1.524 | 2.213 |
| IHD | 35 | 48.90 | 1.824 | 1.525 | 2.215 |
| IHD | 35 | 49.00 | 1.825 | 1.526 | 2.217 |
| IHD | 35 | 49.10 | 1.827 | 1.527 | 2.218 |
| IHD | 35 | 49.20 | 1.828 | 1.527 | 2.219 |
| IHD | 35 | 49.30 | 1.829 | 1.528 | 2.22  |
| IHD | 35 | 49.40 | 1.83  | 1.529 | 2.221 |
| IHD | 35 | 49.50 | 1.831 | 1.53  | 2.222 |
| IHD | 35 | 49.60 | 1.832 | 1.53  | 2.224 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 35 | 49.70 | 1.833 | 1.531 | 2.225 |
| IHD | 35 | 49.80 | 1.834 | 1.532 | 2.226 |
| IHD | 35 | 49.90 | 1.835 | 1.533 | 2.227 |
| IHD | 40 | 0.00  | 1     | 1     | 1     |
| IHD | 40 | 0.10  | 1     | 1     | 1     |
| IHD | 40 | 0.20  | 1     | 1     | 1     |
| IHD | 40 | 0.30  | 1     | 1     | 1     |
| IHD | 40 | 0.40  | 1     | 1     | 1     |
| IHD | 40 | 0.50  | 1     | 1     | 1     |
| IHD | 40 | 0.60  | 1     | 1     | 1     |
| IHD | 40 | 0.70  | 1     | 1     | 1     |
| IHD | 40 | 0.80  | 1     | 1     | 1     |
| IHD | 40 | 0.90  | 1     | 1     | 1     |
| IHD | 40 | 1.00  | 1     | 1     | 1     |
| IHD | 40 | 1.10  | 1     | 1     | 1     |
| IHD | 40 | 1.20  | 1     | 1     | 1     |
| IHD | 40 | 1.30  | 1     | 1     | 1     |
| IHD | 40 | 1.40  | 1     | 1     | 1     |
| IHD | 40 | 1.50  | 1     | 1     | 1     |
| IHD | 40 | 1.60  | 1     | 1     | 1     |
| IHD | 40 | 1.70  | 1     | 1     | 1     |
| IHD | 40 | 1.80  | 1     | 1     | 1     |
| IHD | 40 | 1.90  | 1     | 1     | 1     |
| IHD | 40 | 2.00  | 1     | 1     | 1     |
| IHD | 40 | 2.10  | 1     | 1     | 1     |
| IHD | 40 | 2.20  | 1     | 1     | 1     |
| IHD | 40 | 2.30  | 1     | 1     | 1     |
| IHD | 40 | 2.40  | 1     | 1     | 1     |
| IHD | 40 | 2.50  | 1     | 1     | 1     |
| IHD | 40 | 2.60  | 1     | 1     | 1     |
| IHD | 40 | 2.70  | 1     | 1     | 1     |
| IHD | 40 | 2.80  | 1.001 | 1     | 1.003 |
| IHD | 40 | 2.90  | 1.001 | 1     | 1.007 |
| IHD | 40 | 3.00  | 1.001 | 1     | 1.011 |
| IHD | 40 | 3.10  | 1.001 | 1     | 1.015 |
| IHD | 40 | 3.20  | 1.001 | 1     | 1.019 |
| IHD | 40 | 3.30  | 1.001 | 1     | 1.023 |
| IHD | 40 | 3.40  | 1.002 | 1     | 1.027 |
| IHD | 40 | 3.50  | 1.002 | 1     | 1.03  |
| IHD | 40 | 3.60  | 1.002 | 1     | 1.033 |
| IHD | 40 | 3.70  | 1.003 | 1     | 1.037 |
| IHD | 40 | 3.80  | 1.003 | 1     | 1.041 |
| IHD | 40 | 3.90  | 1.004 | 1     | 1.044 |
| IHD | 40 | 4.00  | 1.004 | 1     | 1.048 |
| IHD | 40 | 4.10  | 1.005 | 1     | 1.052 |
| IHD | 40 | 4.20  | 1.005 | 1     | 1.056 |
| IHD | 40 | 4.30  | 1.006 | 1     | 1.059 |
| IHD | 40 | 4.40  | 1.007 | 1     | 1.063 |
| IHD | 40 | 4.50  | 1.008 | 1     | 1.066 |
| IHD | 40 | 4.60  | 1.008 | 1     | 1.07  |

|     |    |      |       |   |       |
|-----|----|------|-------|---|-------|
| IHD | 40 | 4.70 | 1.009 | 1 | 1.074 |
| IHD | 40 | 4.80 | 1.01  | 1 | 1.078 |
| IHD | 40 | 4.90 | 1.011 | 1 | 1.081 |
| IHD | 40 | 5.00 | 1.012 | 1 | 1.084 |
| IHD | 40 | 5.10 | 1.013 | 1 | 1.088 |
| IHD | 40 | 5.20 | 1.014 | 1 | 1.091 |
| IHD | 40 | 5.30 | 1.015 | 1 | 1.095 |
| IHD | 40 | 5.40 | 1.016 | 1 | 1.098 |
| IHD | 40 | 5.50 | 1.017 | 1 | 1.102 |
| IHD | 40 | 5.60 | 1.018 | 1 | 1.105 |
| IHD | 40 | 5.70 | 1.019 | 1 | 1.108 |
| IHD | 40 | 5.80 | 1.02  | 1 | 1.112 |
| IHD | 40 | 5.90 | 1.022 | 1 | 1.115 |
| IHD | 40 | 6.00 | 1.023 | 1 | 1.119 |
| IHD | 40 | 6.10 | 1.024 | 1 | 1.122 |
| IHD | 40 | 6.20 | 1.026 | 1 | 1.126 |
| IHD | 40 | 6.30 | 1.027 | 1 | 1.13  |
| IHD | 40 | 6.40 | 1.028 | 1 | 1.133 |
| IHD | 40 | 6.50 | 1.03  | 1 | 1.136 |
| IHD | 40 | 6.60 | 1.031 | 1 | 1.14  |
| IHD | 40 | 6.70 | 1.033 | 1 | 1.144 |
| IHD | 40 | 6.80 | 1.034 | 1 | 1.148 |
| IHD | 40 | 6.90 | 1.036 | 1 | 1.152 |
| IHD | 40 | 7.00 | 1.037 | 1 | 1.156 |
| IHD | 40 | 7.10 | 1.039 | 1 | 1.16  |
| IHD | 40 | 7.20 | 1.041 | 1 | 1.164 |
| IHD | 40 | 7.30 | 1.042 | 1 | 1.168 |
| IHD | 40 | 7.40 | 1.044 | 1 | 1.171 |
| IHD | 40 | 7.50 | 1.046 | 1 | 1.175 |
| IHD | 40 | 7.60 | 1.047 | 1 | 1.178 |
| IHD | 40 | 7.70 | 1.049 | 1 | 1.181 |
| IHD | 40 | 7.80 | 1.051 | 1 | 1.185 |
| IHD | 40 | 7.90 | 1.052 | 1 | 1.189 |
| IHD | 40 | 8.00 | 1.054 | 1 | 1.193 |
| IHD | 40 | 8.10 | 1.056 | 1 | 1.196 |
| IHD | 40 | 8.20 | 1.058 | 1 | 1.199 |
| IHD | 40 | 8.30 | 1.059 | 1 | 1.203 |
| IHD | 40 | 8.40 | 1.061 | 1 | 1.206 |
| IHD | 40 | 8.50 | 1.063 | 1 | 1.209 |
| IHD | 40 | 8.60 | 1.065 | 1 | 1.213 |
| IHD | 40 | 8.70 | 1.067 | 1 | 1.216 |
| IHD | 40 | 8.80 | 1.069 | 1 | 1.219 |
| IHD | 40 | 8.90 | 1.07  | 1 | 1.222 |
| IHD | 40 | 9.00 | 1.072 | 1 | 1.226 |
| IHD | 40 | 9.10 | 1.074 | 1 | 1.229 |
| IHD | 40 | 9.20 | 1.076 | 1 | 1.232 |
| IHD | 40 | 9.30 | 1.078 | 1 | 1.235 |
| IHD | 40 | 9.40 | 1.08  | 1 | 1.239 |
| IHD | 40 | 9.50 | 1.082 | 1 | 1.242 |
| IHD | 40 | 9.60 | 1.083 | 1 | 1.245 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 9.70  | 1.085 | 1     | 1.248 |
| IHD | 40 | 9.80  | 1.087 | 1     | 1.251 |
| IHD | 40 | 9.90  | 1.089 | 1     | 1.255 |
| IHD | 40 | 10.00 | 1.091 | 1     | 1.258 |
| IHD | 40 | 10.10 | 1.093 | 1     | 1.261 |
| IHD | 40 | 10.20 | 1.095 | 1     | 1.264 |
| IHD | 40 | 10.30 | 1.097 | 1     | 1.267 |
| IHD | 40 | 10.40 | 1.099 | 1     | 1.271 |
| IHD | 40 | 10.50 | 1.101 | 1     | 1.274 |
| IHD | 40 | 10.60 | 1.103 | 1     | 1.277 |
| IHD | 40 | 10.70 | 1.104 | 1     | 1.28  |
| IHD | 40 | 10.80 | 1.106 | 1     | 1.283 |
| IHD | 40 | 10.90 | 1.108 | 1     | 1.286 |
| IHD | 40 | 11.00 | 1.11  | 1     | 1.289 |
| IHD | 40 | 11.10 | 1.112 | 1     | 1.292 |
| IHD | 40 | 11.20 | 1.114 | 1     | 1.295 |
| IHD | 40 | 11.30 | 1.116 | 1     | 1.298 |
| IHD | 40 | 11.40 | 1.118 | 1     | 1.301 |
| IHD | 40 | 11.50 | 1.12  | 1     | 1.304 |
| IHD | 40 | 11.60 | 1.122 | 1     | 1.307 |
| IHD | 40 | 11.70 | 1.124 | 1     | 1.311 |
| IHD | 40 | 11.80 | 1.126 | 1     | 1.314 |
| IHD | 40 | 11.90 | 1.128 | 1     | 1.317 |
| IHD | 40 | 12.00 | 1.129 | 1     | 1.32  |
| IHD | 40 | 12.10 | 1.131 | 1     | 1.323 |
| IHD | 40 | 12.20 | 1.133 | 1     | 1.326 |
| IHD | 40 | 12.30 | 1.135 | 1     | 1.329 |
| IHD | 40 | 12.40 | 1.137 | 1     | 1.332 |
| IHD | 40 | 12.50 | 1.139 | 1     | 1.335 |
| IHD | 40 | 12.60 | 1.141 | 1     | 1.338 |
| IHD | 40 | 12.70 | 1.143 | 1     | 1.341 |
| IHD | 40 | 12.80 | 1.145 | 1     | 1.344 |
| IHD | 40 | 12.90 | 1.147 | 1     | 1.347 |
| IHD | 40 | 13.00 | 1.149 | 1     | 1.35  |
| IHD | 40 | 13.10 | 1.151 | 1.001 | 1.353 |
| IHD | 40 | 13.20 | 1.152 | 1.002 | 1.356 |
| IHD | 40 | 13.30 | 1.154 | 1.003 | 1.359 |
| IHD | 40 | 13.40 | 1.156 | 1.004 | 1.362 |
| IHD | 40 | 13.50 | 1.158 | 1.005 | 1.365 |
| IHD | 40 | 13.60 | 1.16  | 1.006 | 1.367 |
| IHD | 40 | 13.70 | 1.162 | 1.007 | 1.37  |
| IHD | 40 | 13.80 | 1.164 | 1.009 | 1.373 |
| IHD | 40 | 13.90 | 1.166 | 1.01  | 1.376 |
| IHD | 40 | 14.00 | 1.168 | 1.011 | 1.379 |
| IHD | 40 | 14.10 | 1.169 | 1.012 | 1.382 |
| IHD | 40 | 14.20 | 1.171 | 1.013 | 1.385 |
| IHD | 40 | 14.30 | 1.173 | 1.014 | 1.388 |
| IHD | 40 | 14.40 | 1.175 | 1.016 | 1.392 |
| IHD | 40 | 14.50 | 1.177 | 1.017 | 1.395 |
| IHD | 40 | 14.60 | 1.179 | 1.018 | 1.398 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 14.70 | 1.181 | 1.019 | 1.401 |
| IHD | 40 | 14.80 | 1.183 | 1.021 | 1.404 |
| IHD | 40 | 14.90 | 1.184 | 1.022 | 1.407 |
| IHD | 40 | 15.00 | 1.186 | 1.023 | 1.41  |
| IHD | 40 | 15.10 | 1.188 | 1.024 | 1.413 |
| IHD | 40 | 15.20 | 1.19  | 1.025 | 1.416 |
| IHD | 40 | 15.30 | 1.192 | 1.026 | 1.419 |
| IHD | 40 | 15.40 | 1.194 | 1.027 | 1.421 |
| IHD | 40 | 15.50 | 1.195 | 1.028 | 1.424 |
| IHD | 40 | 15.60 | 1.197 | 1.029 | 1.427 |
| IHD | 40 | 15.70 | 1.199 | 1.03  | 1.43  |
| IHD | 40 | 15.80 | 1.201 | 1.031 | 1.433 |
| IHD | 40 | 15.90 | 1.203 | 1.033 | 1.436 |
| IHD | 40 | 16.00 | 1.205 | 1.034 | 1.439 |
| IHD | 40 | 16.10 | 1.206 | 1.035 | 1.442 |
| IHD | 40 | 16.20 | 1.208 | 1.036 | 1.444 |
| IHD | 40 | 16.30 | 1.21  | 1.037 | 1.447 |
| IHD | 40 | 16.40 | 1.212 | 1.038 | 1.449 |
| IHD | 40 | 16.50 | 1.214 | 1.039 | 1.452 |
| IHD | 40 | 16.60 | 1.215 | 1.04  | 1.455 |
| IHD | 40 | 16.70 | 1.217 | 1.041 | 1.457 |
| IHD | 40 | 16.80 | 1.219 | 1.042 | 1.46  |
| IHD | 40 | 16.90 | 1.221 | 1.043 | 1.462 |
| IHD | 40 | 17.00 | 1.223 | 1.044 | 1.465 |
| IHD | 40 | 17.10 | 1.224 | 1.046 | 1.468 |
| IHD | 40 | 17.20 | 1.226 | 1.047 | 1.47  |
| IHD | 40 | 17.30 | 1.228 | 1.048 | 1.473 |
| IHD | 40 | 17.40 | 1.23  | 1.049 | 1.475 |
| IHD | 40 | 17.50 | 1.231 | 1.05  | 1.478 |
| IHD | 40 | 17.60 | 1.233 | 1.051 | 1.48  |
| IHD | 40 | 17.70 | 1.235 | 1.052 | 1.483 |
| IHD | 40 | 17.80 | 1.237 | 1.054 | 1.485 |
| IHD | 40 | 17.90 | 1.238 | 1.055 | 1.488 |
| IHD | 40 | 18.00 | 1.24  | 1.056 | 1.49  |
| IHD | 40 | 18.10 | 1.242 | 1.057 | 1.493 |
| IHD | 40 | 18.20 | 1.244 | 1.058 | 1.495 |
| IHD | 40 | 18.30 | 1.245 | 1.059 | 1.498 |
| IHD | 40 | 18.40 | 1.247 | 1.06  | 1.5   |
| IHD | 40 | 18.50 | 1.249 | 1.062 | 1.502 |
| IHD | 40 | 18.60 | 1.25  | 1.063 | 1.505 |
| IHD | 40 | 18.70 | 1.252 | 1.064 | 1.507 |
| IHD | 40 | 18.80 | 1.254 | 1.065 | 1.51  |
| IHD | 40 | 18.90 | 1.256 | 1.066 | 1.512 |
| IHD | 40 | 19.00 | 1.257 | 1.067 | 1.515 |
| IHD | 40 | 19.10 | 1.259 | 1.068 | 1.517 |
| IHD | 40 | 19.20 | 1.261 | 1.069 | 1.519 |
| IHD | 40 | 19.30 | 1.262 | 1.071 | 1.522 |
| IHD | 40 | 19.40 | 1.264 | 1.072 | 1.524 |
| IHD | 40 | 19.50 | 1.266 | 1.073 | 1.527 |
| IHD | 40 | 19.60 | 1.267 | 1.074 | 1.529 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 19.70 | 1.269 | 1.075 | 1.531 |
| IHD | 40 | 19.80 | 1.271 | 1.076 | 1.534 |
| IHD | 40 | 19.90 | 1.272 | 1.077 | 1.536 |
| IHD | 40 | 20.00 | 1.274 | 1.079 | 1.538 |
| IHD | 40 | 20.10 | 1.276 | 1.08  | 1.541 |
| IHD | 40 | 20.20 | 1.277 | 1.081 | 1.543 |
| IHD | 40 | 20.30 | 1.279 | 1.082 | 1.545 |
| IHD | 40 | 20.40 | 1.281 | 1.083 | 1.547 |
| IHD | 40 | 20.50 | 1.282 | 1.084 | 1.55  |
| IHD | 40 | 20.60 | 1.284 | 1.086 | 1.552 |
| IHD | 40 | 20.70 | 1.286 | 1.087 | 1.554 |
| IHD | 40 | 20.80 | 1.287 | 1.088 | 1.557 |
| IHD | 40 | 20.90 | 1.289 | 1.089 | 1.559 |
| IHD | 40 | 21.00 | 1.291 | 1.09  | 1.561 |
| IHD | 40 | 21.10 | 1.292 | 1.091 | 1.563 |
| IHD | 40 | 21.20 | 1.294 | 1.092 | 1.566 |
| IHD | 40 | 21.30 | 1.295 | 1.094 | 1.568 |
| IHD | 40 | 21.40 | 1.297 | 1.095 | 1.57  |
| IHD | 40 | 21.50 | 1.299 | 1.096 | 1.572 |
| IHD | 40 | 21.60 | 1.3   | 1.097 | 1.574 |
| IHD | 40 | 21.70 | 1.302 | 1.098 | 1.577 |
| IHD | 40 | 21.80 | 1.303 | 1.099 | 1.579 |
| IHD | 40 | 21.90 | 1.305 | 1.1   | 1.581 |
| IHD | 40 | 22.00 | 1.307 | 1.102 | 1.583 |
| IHD | 40 | 22.10 | 1.308 | 1.103 | 1.585 |
| IHD | 40 | 22.20 | 1.31  | 1.104 | 1.587 |
| IHD | 40 | 22.30 | 1.311 | 1.105 | 1.589 |
| IHD | 40 | 22.40 | 1.313 | 1.106 | 1.591 |
| IHD | 40 | 22.50 | 1.315 | 1.107 | 1.593 |
| IHD | 40 | 22.60 | 1.316 | 1.108 | 1.595 |
| IHD | 40 | 22.70 | 1.318 | 1.109 | 1.597 |
| IHD | 40 | 22.80 | 1.319 | 1.111 | 1.599 |
| IHD | 40 | 22.90 | 1.321 | 1.112 | 1.601 |
| IHD | 40 | 23.00 | 1.322 | 1.113 | 1.603 |
| IHD | 40 | 23.10 | 1.324 | 1.114 | 1.605 |
| IHD | 40 | 23.20 | 1.326 | 1.115 | 1.607 |
| IHD | 40 | 23.30 | 1.327 | 1.116 | 1.609 |
| IHD | 40 | 23.40 | 1.329 | 1.117 | 1.611 |
| IHD | 40 | 23.50 | 1.33  | 1.118 | 1.613 |
| IHD | 40 | 23.60 | 1.332 | 1.119 | 1.615 |
| IHD | 40 | 23.70 | 1.333 | 1.121 | 1.618 |
| IHD | 40 | 23.80 | 1.335 | 1.122 | 1.62  |
| IHD | 40 | 23.90 | 1.336 | 1.123 | 1.622 |
| IHD | 40 | 24.00 | 1.338 | 1.124 | 1.624 |
| IHD | 40 | 24.10 | 1.339 | 1.125 | 1.626 |
| IHD | 40 | 24.20 | 1.341 | 1.126 | 1.628 |
| IHD | 40 | 24.30 | 1.342 | 1.127 | 1.63  |
| IHD | 40 | 24.40 | 1.344 | 1.129 | 1.632 |
| IHD | 40 | 24.50 | 1.345 | 1.13  | 1.634 |
| IHD | 40 | 24.60 | 1.347 | 1.131 | 1.636 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 24.70 | 1.348 | 1.132 | 1.638 |
| IHD | 40 | 24.80 | 1.35  | 1.133 | 1.64  |
| IHD | 40 | 24.90 | 1.351 | 1.134 | 1.641 |
| IHD | 40 | 25.00 | 1.353 | 1.135 | 1.643 |
| IHD | 40 | 25.10 | 1.354 | 1.137 | 1.645 |
| IHD | 40 | 25.20 | 1.356 | 1.138 | 1.647 |
| IHD | 40 | 25.30 | 1.357 | 1.139 | 1.649 |
| IHD | 40 | 25.40 | 1.359 | 1.14  | 1.651 |
| IHD | 40 | 25.50 | 1.36  | 1.141 | 1.653 |
| IHD | 40 | 25.60 | 1.362 | 1.142 | 1.656 |
| IHD | 40 | 25.70 | 1.363 | 1.143 | 1.658 |
| IHD | 40 | 25.80 | 1.365 | 1.144 | 1.66  |
| IHD | 40 | 25.90 | 1.366 | 1.146 | 1.662 |
| IHD | 40 | 26.00 | 1.368 | 1.147 | 1.664 |
| IHD | 40 | 26.10 | 1.369 | 1.148 | 1.665 |
| IHD | 40 | 26.20 | 1.371 | 1.149 | 1.667 |
| IHD | 40 | 26.30 | 1.372 | 1.15  | 1.669 |
| IHD | 40 | 26.40 | 1.373 | 1.151 | 1.671 |
| IHD | 40 | 26.50 | 1.375 | 1.152 | 1.673 |
| IHD | 40 | 26.60 | 1.376 | 1.153 | 1.675 |
| IHD | 40 | 26.70 | 1.378 | 1.154 | 1.677 |
| IHD | 40 | 26.80 | 1.379 | 1.155 | 1.679 |
| IHD | 40 | 26.90 | 1.381 | 1.156 | 1.681 |
| IHD | 40 | 27.00 | 1.382 | 1.158 | 1.683 |
| IHD | 40 | 27.10 | 1.383 | 1.159 | 1.685 |
| IHD | 40 | 27.20 | 1.385 | 1.16  | 1.687 |
| IHD | 40 | 27.30 | 1.386 | 1.161 | 1.688 |
| IHD | 40 | 27.40 | 1.388 | 1.162 | 1.69  |
| IHD | 40 | 27.50 | 1.389 | 1.163 | 1.692 |
| IHD | 40 | 27.60 | 1.391 | 1.164 | 1.694 |
| IHD | 40 | 27.70 | 1.392 | 1.165 | 1.695 |
| IHD | 40 | 27.80 | 1.393 | 1.166 | 1.697 |
| IHD | 40 | 27.90 | 1.395 | 1.167 | 1.699 |
| IHD | 40 | 28.00 | 1.396 | 1.168 | 1.701 |
| IHD | 40 | 28.10 | 1.398 | 1.169 | 1.702 |
| IHD | 40 | 28.20 | 1.399 | 1.17  | 1.704 |
| IHD | 40 | 28.30 | 1.4   | 1.171 | 1.706 |
| IHD | 40 | 28.40 | 1.402 | 1.172 | 1.708 |
| IHD | 40 | 28.50 | 1.403 | 1.173 | 1.71  |
| IHD | 40 | 28.60 | 1.404 | 1.175 | 1.711 |
| IHD | 40 | 28.70 | 1.406 | 1.176 | 1.713 |
| IHD | 40 | 28.80 | 1.407 | 1.177 | 1.715 |
| IHD | 40 | 28.90 | 1.409 | 1.178 | 1.717 |
| IHD | 40 | 29.00 | 1.41  | 1.179 | 1.719 |
| IHD | 40 | 29.10 | 1.411 | 1.18  | 1.72  |
| IHD | 40 | 29.20 | 1.413 | 1.181 | 1.722 |
| IHD | 40 | 29.30 | 1.414 | 1.182 | 1.724 |
| IHD | 40 | 29.40 | 1.415 | 1.183 | 1.725 |
| IHD | 40 | 29.50 | 1.417 | 1.184 | 1.727 |
| IHD | 40 | 29.60 | 1.418 | 1.185 | 1.729 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 29.70 | 1.419 | 1.186 | 1.73  |
| IHD | 40 | 29.80 | 1.421 | 1.187 | 1.732 |
| IHD | 40 | 29.90 | 1.422 | 1.188 | 1.734 |
| IHD | 40 | 30.00 | 1.423 | 1.189 | 1.735 |
| IHD | 40 | 30.10 | 1.425 | 1.19  | 1.737 |
| IHD | 40 | 30.20 | 1.426 | 1.191 | 1.739 |
| IHD | 40 | 30.30 | 1.427 | 1.192 | 1.74  |
| IHD | 40 | 30.40 | 1.429 | 1.193 | 1.742 |
| IHD | 40 | 30.50 | 1.43  | 1.194 | 1.744 |
| IHD | 40 | 30.60 | 1.431 | 1.195 | 1.745 |
| IHD | 40 | 30.70 | 1.433 | 1.196 | 1.747 |
| IHD | 40 | 30.80 | 1.434 | 1.197 | 1.748 |
| IHD | 40 | 30.90 | 1.435 | 1.198 | 1.75  |
| IHD | 40 | 31.00 | 1.437 | 1.199 | 1.752 |
| IHD | 40 | 31.10 | 1.438 | 1.2   | 1.753 |
| IHD | 40 | 31.20 | 1.439 | 1.202 | 1.755 |
| IHD | 40 | 31.30 | 1.441 | 1.203 | 1.756 |
| IHD | 40 | 31.40 | 1.442 | 1.204 | 1.758 |
| IHD | 40 | 31.50 | 1.443 | 1.205 | 1.76  |
| IHD | 40 | 31.60 | 1.444 | 1.206 | 1.761 |
| IHD | 40 | 31.70 | 1.446 | 1.207 | 1.763 |
| IHD | 40 | 31.80 | 1.447 | 1.208 | 1.764 |
| IHD | 40 | 31.90 | 1.448 | 1.209 | 1.766 |
| IHD | 40 | 32.00 | 1.45  | 1.21  | 1.767 |
| IHD | 40 | 32.10 | 1.451 | 1.211 | 1.769 |
| IHD | 40 | 32.20 | 1.452 | 1.212 | 1.77  |
| IHD | 40 | 32.30 | 1.453 | 1.213 | 1.772 |
| IHD | 40 | 32.40 | 1.455 | 1.214 | 1.773 |
| IHD | 40 | 32.50 | 1.456 | 1.214 | 1.775 |
| IHD | 40 | 32.60 | 1.457 | 1.215 | 1.776 |
| IHD | 40 | 32.70 | 1.458 | 1.216 | 1.778 |
| IHD | 40 | 32.80 | 1.46  | 1.217 | 1.779 |
| IHD | 40 | 32.90 | 1.461 | 1.218 | 1.781 |
| IHD | 40 | 33.00 | 1.462 | 1.219 | 1.782 |
| IHD | 40 | 33.10 | 1.464 | 1.22  | 1.784 |
| IHD | 40 | 33.20 | 1.465 | 1.221 | 1.785 |
| IHD | 40 | 33.30 | 1.466 | 1.222 | 1.787 |
| IHD | 40 | 33.40 | 1.467 | 1.223 | 1.788 |
| IHD | 40 | 33.50 | 1.468 | 1.224 | 1.79  |
| IHD | 40 | 33.60 | 1.47  | 1.225 | 1.791 |
| IHD | 40 | 33.70 | 1.471 | 1.226 | 1.793 |
| IHD | 40 | 33.80 | 1.472 | 1.227 | 1.794 |
| IHD | 40 | 33.90 | 1.473 | 1.228 | 1.796 |
| IHD | 40 | 34.00 | 1.475 | 1.229 | 1.797 |
| IHD | 40 | 34.10 | 1.476 | 1.23  | 1.799 |
| IHD | 40 | 34.20 | 1.477 | 1.231 | 1.8   |
| IHD | 40 | 34.30 | 1.478 | 1.232 | 1.801 |
| IHD | 40 | 34.40 | 1.48  | 1.233 | 1.803 |
| IHD | 40 | 34.50 | 1.481 | 1.234 | 1.804 |
| IHD | 40 | 34.60 | 1.482 | 1.235 | 1.806 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 34.70 | 1.483 | 1.236 | 1.807 |
| IHD | 40 | 34.80 | 1.484 | 1.237 | 1.808 |
| IHD | 40 | 34.90 | 1.486 | 1.239 | 1.81  |
| IHD | 40 | 35.00 | 1.487 | 1.24  | 1.811 |
| IHD | 40 | 35.10 | 1.488 | 1.241 | 1.813 |
| IHD | 40 | 35.20 | 1.489 | 1.242 | 1.814 |
| IHD | 40 | 35.30 | 1.49  | 1.243 | 1.815 |
| IHD | 40 | 35.40 | 1.492 | 1.244 | 1.817 |
| IHD | 40 | 35.50 | 1.493 | 1.245 | 1.818 |
| IHD | 40 | 35.60 | 1.494 | 1.246 | 1.819 |
| IHD | 40 | 35.70 | 1.495 | 1.247 | 1.821 |
| IHD | 40 | 35.80 | 1.496 | 1.249 | 1.822 |
| IHD | 40 | 35.90 | 1.498 | 1.25  | 1.824 |
| IHD | 40 | 36.00 | 1.499 | 1.251 | 1.825 |
| IHD | 40 | 36.10 | 1.5   | 1.252 | 1.826 |
| IHD | 40 | 36.20 | 1.501 | 1.253 | 1.828 |
| IHD | 40 | 36.30 | 1.502 | 1.254 | 1.829 |
| IHD | 40 | 36.40 | 1.503 | 1.255 | 1.83  |
| IHD | 40 | 36.50 | 1.505 | 1.256 | 1.832 |
| IHD | 40 | 36.60 | 1.506 | 1.257 | 1.833 |
| IHD | 40 | 36.70 | 1.507 | 1.258 | 1.834 |
| IHD | 40 | 36.80 | 1.508 | 1.259 | 1.836 |
| IHD | 40 | 36.90 | 1.509 | 1.26  | 1.837 |
| IHD | 40 | 37.00 | 1.51  | 1.261 | 1.838 |
| IHD | 40 | 37.10 | 1.512 | 1.262 | 1.84  |
| IHD | 40 | 37.20 | 1.513 | 1.263 | 1.841 |
| IHD | 40 | 37.30 | 1.514 | 1.264 | 1.842 |
| IHD | 40 | 37.40 | 1.515 | 1.265 | 1.844 |
| IHD | 40 | 37.50 | 1.516 | 1.266 | 1.845 |
| IHD | 40 | 37.60 | 1.517 | 1.267 | 1.846 |
| IHD | 40 | 37.70 | 1.518 | 1.268 | 1.847 |
| IHD | 40 | 37.80 | 1.52  | 1.269 | 1.849 |
| IHD | 40 | 37.90 | 1.521 | 1.27  | 1.85  |
| IHD | 40 | 38.00 | 1.522 | 1.271 | 1.851 |
| IHD | 40 | 38.10 | 1.523 | 1.272 | 1.852 |
| IHD | 40 | 38.20 | 1.524 | 1.273 | 1.854 |
| IHD | 40 | 38.30 | 1.525 | 1.274 | 1.855 |
| IHD | 40 | 38.40 | 1.526 | 1.275 | 1.856 |
| IHD | 40 | 38.50 | 1.527 | 1.276 | 1.857 |
| IHD | 40 | 38.60 | 1.529 | 1.276 | 1.858 |
| IHD | 40 | 38.70 | 1.53  | 1.277 | 1.86  |
| IHD | 40 | 38.80 | 1.531 | 1.278 | 1.861 |
| IHD | 40 | 38.90 | 1.532 | 1.279 | 1.862 |
| IHD | 40 | 39.00 | 1.533 | 1.28  | 1.863 |
| IHD | 40 | 39.10 | 1.534 | 1.281 | 1.864 |
| IHD | 40 | 39.20 | 1.535 | 1.282 | 1.866 |
| IHD | 40 | 39.30 | 1.536 | 1.283 | 1.867 |
| IHD | 40 | 39.40 | 1.537 | 1.284 | 1.868 |
| IHD | 40 | 39.50 | 1.539 | 1.285 | 1.869 |
| IHD | 40 | 39.60 | 1.54  | 1.286 | 1.87  |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 39.70 | 1.541 | 1.287 | 1.872 |
| IHD | 40 | 39.80 | 1.542 | 1.288 | 1.873 |
| IHD | 40 | 39.90 | 1.543 | 1.289 | 1.874 |
| IHD | 40 | 40.00 | 1.544 | 1.29  | 1.875 |
| IHD | 40 | 40.10 | 1.545 | 1.291 | 1.876 |
| IHD | 40 | 40.20 | 1.546 | 1.292 | 1.877 |
| IHD | 40 | 40.30 | 1.547 | 1.293 | 1.878 |
| IHD | 40 | 40.40 | 1.548 | 1.294 | 1.878 |
| IHD | 40 | 40.50 | 1.549 | 1.295 | 1.879 |
| IHD | 40 | 40.60 | 1.55  | 1.295 | 1.88  |
| IHD | 40 | 40.70 | 1.552 | 1.296 | 1.881 |
| IHD | 40 | 40.80 | 1.553 | 1.297 | 1.882 |
| IHD | 40 | 40.90 | 1.554 | 1.298 | 1.882 |
| IHD | 40 | 41.00 | 1.555 | 1.299 | 1.883 |
| IHD | 40 | 41.10 | 1.556 | 1.3   | 1.885 |
| IHD | 40 | 41.20 | 1.557 | 1.301 | 1.886 |
| IHD | 40 | 41.30 | 1.558 | 1.302 | 1.888 |
| IHD | 40 | 41.40 | 1.559 | 1.303 | 1.889 |
| IHD | 40 | 41.50 | 1.56  | 1.304 | 1.89  |
| IHD | 40 | 41.60 | 1.561 | 1.305 | 1.892 |
| IHD | 40 | 41.70 | 1.562 | 1.305 | 1.893 |
| IHD | 40 | 41.80 | 1.563 | 1.306 | 1.895 |
| IHD | 40 | 41.90 | 1.564 | 1.307 | 1.896 |
| IHD | 40 | 42.00 | 1.565 | 1.308 | 1.898 |
| IHD | 40 | 42.10 | 1.566 | 1.309 | 1.899 |
| IHD | 40 | 42.20 | 1.567 | 1.31  | 1.9   |
| IHD | 40 | 42.30 | 1.568 | 1.311 | 1.901 |
| IHD | 40 | 42.40 | 1.57  | 1.312 | 1.902 |
| IHD | 40 | 42.50 | 1.571 | 1.313 | 1.903 |
| IHD | 40 | 42.60 | 1.572 | 1.314 | 1.904 |
| IHD | 40 | 42.70 | 1.573 | 1.315 | 1.905 |
| IHD | 40 | 42.80 | 1.574 | 1.316 | 1.907 |
| IHD | 40 | 42.90 | 1.575 | 1.317 | 1.908 |
| IHD | 40 | 43.00 | 1.576 | 1.318 | 1.909 |
| IHD | 40 | 43.10 | 1.577 | 1.319 | 1.91  |
| IHD | 40 | 43.20 | 1.578 | 1.319 | 1.912 |
| IHD | 40 | 43.30 | 1.579 | 1.32  | 1.913 |
| IHD | 40 | 43.40 | 1.58  | 1.321 | 1.914 |
| IHD | 40 | 43.50 | 1.581 | 1.322 | 1.916 |
| IHD | 40 | 43.60 | 1.582 | 1.323 | 1.917 |
| IHD | 40 | 43.70 | 1.583 | 1.324 | 1.919 |
| IHD | 40 | 43.80 | 1.584 | 1.325 | 1.92  |
| IHD | 40 | 43.90 | 1.585 | 1.325 | 1.922 |
| IHD | 40 | 44.00 | 1.586 | 1.326 | 1.923 |
| IHD | 40 | 44.10 | 1.587 | 1.327 | 1.924 |
| IHD | 40 | 44.20 | 1.588 | 1.328 | 1.925 |
| IHD | 40 | 44.30 | 1.589 | 1.329 | 1.926 |
| IHD | 40 | 44.40 | 1.59  | 1.329 | 1.927 |
| IHD | 40 | 44.50 | 1.591 | 1.33  | 1.928 |
| IHD | 40 | 44.60 | 1.592 | 1.331 | 1.929 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 44.70 | 1.593 | 1.332 | 1.93  |
| IHD | 40 | 44.80 | 1.594 | 1.332 | 1.931 |
| IHD | 40 | 44.90 | 1.595 | 1.333 | 1.932 |
| IHD | 40 | 45.00 | 1.596 | 1.334 | 1.933 |
| IHD | 40 | 45.10 | 1.597 | 1.335 | 1.935 |
| IHD | 40 | 45.20 | 1.598 | 1.335 | 1.936 |
| IHD | 40 | 45.30 | 1.599 | 1.336 | 1.937 |
| IHD | 40 | 45.40 | 1.6   | 1.337 | 1.939 |
| IHD | 40 | 45.50 | 1.601 | 1.338 | 1.94  |
| IHD | 40 | 45.60 | 1.602 | 1.338 | 1.942 |
| IHD | 40 | 45.70 | 1.603 | 1.339 | 1.943 |
| IHD | 40 | 45.80 | 1.604 | 1.34  | 1.944 |
| IHD | 40 | 45.90 | 1.605 | 1.34  | 1.946 |
| IHD | 40 | 46.00 | 1.606 | 1.341 | 1.947 |
| IHD | 40 | 46.10 | 1.607 | 1.342 | 1.948 |
| IHD | 40 | 46.20 | 1.608 | 1.343 | 1.949 |
| IHD | 40 | 46.30 | 1.609 | 1.343 | 1.95  |
| IHD | 40 | 46.40 | 1.61  | 1.344 | 1.95  |
| IHD | 40 | 46.50 | 1.611 | 1.345 | 1.951 |
| IHD | 40 | 46.60 | 1.612 | 1.346 | 1.952 |
| IHD | 40 | 46.70 | 1.612 | 1.346 | 1.953 |
| IHD | 40 | 46.80 | 1.613 | 1.347 | 1.954 |
| IHD | 40 | 46.90 | 1.614 | 1.348 | 1.954 |
| IHD | 40 | 47.00 | 1.615 | 1.349 | 1.955 |
| IHD | 40 | 47.10 | 1.616 | 1.349 | 1.956 |
| IHD | 40 | 47.20 | 1.617 | 1.35  | 1.957 |
| IHD | 40 | 47.30 | 1.618 | 1.351 | 1.959 |
| IHD | 40 | 47.40 | 1.619 | 1.352 | 1.96  |
| IHD | 40 | 47.50 | 1.62  | 1.353 | 1.961 |
| IHD | 40 | 47.60 | 1.621 | 1.353 | 1.962 |
| IHD | 40 | 47.70 | 1.622 | 1.354 | 1.963 |
| IHD | 40 | 47.80 | 1.623 | 1.355 | 1.964 |
| IHD | 40 | 47.90 | 1.624 | 1.356 | 1.965 |
| IHD | 40 | 48.00 | 1.625 | 1.357 | 1.966 |
| IHD | 40 | 48.10 | 1.626 | 1.357 | 1.968 |
| IHD | 40 | 48.20 | 1.627 | 1.358 | 1.969 |
| IHD | 40 | 48.30 | 1.628 | 1.359 | 1.97  |
| IHD | 40 | 48.40 | 1.629 | 1.359 | 1.971 |
| IHD | 40 | 48.50 | 1.63  | 1.36  | 1.973 |
| IHD | 40 | 48.60 | 1.63  | 1.361 | 1.974 |
| IHD | 40 | 48.70 | 1.631 | 1.362 | 1.975 |
| IHD | 40 | 48.80 | 1.632 | 1.362 | 1.976 |
| IHD | 40 | 48.90 | 1.633 | 1.363 | 1.977 |
| IHD | 40 | 49.00 | 1.634 | 1.364 | 1.979 |
| IHD | 40 | 49.10 | 1.635 | 1.364 | 1.979 |
| IHD | 40 | 49.20 | 1.636 | 1.365 | 1.98  |
| IHD | 40 | 49.30 | 1.637 | 1.366 | 1.981 |
| IHD | 40 | 49.40 | 1.638 | 1.367 | 1.981 |
| IHD | 40 | 49.50 | 1.639 | 1.367 | 1.982 |
| IHD | 40 | 49.60 | 1.64  | 1.368 | 1.983 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 40 | 49.70 | 1.641 | 1.369 | 1.983 |
| IHD | 40 | 49.80 | 1.641 | 1.369 | 1.984 |
| IHD | 40 | 49.90 | 1.642 | 1.37  | 1.985 |
| IHD | 45 | 0.00  | 1     | 1     | 1     |
| IHD | 45 | 0.10  | 1     | 1     | 1     |
| IHD | 45 | 0.20  | 1     | 1     | 1     |
| IHD | 45 | 0.30  | 1     | 1     | 1     |
| IHD | 45 | 0.40  | 1     | 1     | 1     |
| IHD | 45 | 0.50  | 1     | 1     | 1     |
| IHD | 45 | 0.60  | 1     | 1     | 1     |
| IHD | 45 | 0.70  | 1     | 1     | 1     |
| IHD | 45 | 0.80  | 1     | 1     | 1     |
| IHD | 45 | 0.90  | 1     | 1     | 1     |
| IHD | 45 | 1.00  | 1     | 1     | 1     |
| IHD | 45 | 1.10  | 1     | 1     | 1     |
| IHD | 45 | 1.20  | 1     | 1     | 1.003 |
| IHD | 45 | 1.30  | 1     | 1     | 1.007 |
| IHD | 45 | 1.40  | 1.001 | 1     | 1.011 |
| IHD | 45 | 1.50  | 1.001 | 1     | 1.015 |
| IHD | 45 | 1.60  | 1.001 | 1     | 1.018 |
| IHD | 45 | 1.70  | 1.002 | 1     | 1.022 |
| IHD | 45 | 1.80  | 1.002 | 1     | 1.027 |
| IHD | 45 | 1.90  | 1.003 | 1     | 1.031 |
| IHD | 45 | 2.00  | 1.003 | 1     | 1.034 |
| IHD | 45 | 2.10  | 1.004 | 1     | 1.038 |
| IHD | 45 | 2.20  | 1.005 | 1     | 1.042 |
| IHD | 45 | 2.30  | 1.006 | 1     | 1.046 |
| IHD | 45 | 2.40  | 1.007 | 1     | 1.049 |
| IHD | 45 | 2.50  | 1.009 | 1     | 1.053 |
| IHD | 45 | 2.60  | 1.01  | 1     | 1.056 |
| IHD | 45 | 2.70  | 1.011 | 1     | 1.06  |
| IHD | 45 | 2.80  | 1.013 | 1     | 1.063 |
| IHD | 45 | 2.90  | 1.014 | 1     | 1.068 |
| IHD | 45 | 3.00  | 1.016 | 1     | 1.071 |
| IHD | 45 | 3.10  | 1.018 | 1     | 1.075 |
| IHD | 45 | 3.20  | 1.019 | 1     | 1.079 |
| IHD | 45 | 3.30  | 1.021 | 1     | 1.083 |
| IHD | 45 | 3.40  | 1.023 | 1     | 1.087 |
| IHD | 45 | 3.50  | 1.025 | 1     | 1.091 |
| IHD | 45 | 3.60  | 1.027 | 1     | 1.095 |
| IHD | 45 | 3.70  | 1.029 | 1     | 1.099 |
| IHD | 45 | 3.80  | 1.031 | 1     | 1.103 |
| IHD | 45 | 3.90  | 1.033 | 1     | 1.107 |
| IHD | 45 | 4.00  | 1.035 | 1     | 1.111 |
| IHD | 45 | 4.10  | 1.037 | 1     | 1.115 |
| IHD | 45 | 4.20  | 1.039 | 1     | 1.119 |
| IHD | 45 | 4.30  | 1.041 | 1     | 1.123 |
| IHD | 45 | 4.40  | 1.043 | 1     | 1.126 |
| IHD | 45 | 4.50  | 1.045 | 1     | 1.13  |
| IHD | 45 | 4.60  | 1.048 | 1     | 1.133 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 45 | 4.70 | 1.05  | 1     | 1.137 |
| IHD | 45 | 4.80 | 1.052 | 1     | 1.142 |
| IHD | 45 | 4.90 | 1.054 | 1     | 1.146 |
| IHD | 45 | 5.00 | 1.056 | 1     | 1.15  |
| IHD | 45 | 5.10 | 1.058 | 1     | 1.154 |
| IHD | 45 | 5.20 | 1.061 | 1     | 1.158 |
| IHD | 45 | 5.30 | 1.063 | 1     | 1.162 |
| IHD | 45 | 5.40 | 1.065 | 1     | 1.165 |
| IHD | 45 | 5.50 | 1.067 | 1     | 1.169 |
| IHD | 45 | 5.60 | 1.069 | 1     | 1.173 |
| IHD | 45 | 5.70 | 1.072 | 1     | 1.177 |
| IHD | 45 | 5.80 | 1.074 | 1     | 1.18  |
| IHD | 45 | 5.90 | 1.076 | 1     | 1.184 |
| IHD | 45 | 6.00 | 1.078 | 1.001 | 1.188 |
| IHD | 45 | 6.10 | 1.08  | 1.002 | 1.191 |
| IHD | 45 | 6.20 | 1.083 | 1.004 | 1.195 |
| IHD | 45 | 6.30 | 1.085 | 1.005 | 1.198 |
| IHD | 45 | 6.40 | 1.087 | 1.006 | 1.202 |
| IHD | 45 | 6.50 | 1.089 | 1.007 | 1.205 |
| IHD | 45 | 6.60 | 1.091 | 1.008 | 1.209 |
| IHD | 45 | 6.70 | 1.094 | 1.009 | 1.212 |
| IHD | 45 | 6.80 | 1.096 | 1.011 | 1.215 |
| IHD | 45 | 6.90 | 1.098 | 1.012 | 1.218 |
| IHD | 45 | 7.00 | 1.1   | 1.014 | 1.222 |
| IHD | 45 | 7.10 | 1.102 | 1.015 | 1.225 |
| IHD | 45 | 7.20 | 1.104 | 1.016 | 1.228 |
| IHD | 45 | 7.30 | 1.107 | 1.018 | 1.231 |
| IHD | 45 | 7.40 | 1.109 | 1.019 | 1.235 |
| IHD | 45 | 7.50 | 1.111 | 1.02  | 1.238 |
| IHD | 45 | 7.60 | 1.113 | 1.022 | 1.241 |
| IHD | 45 | 7.70 | 1.115 | 1.023 | 1.244 |
| IHD | 45 | 7.80 | 1.117 | 1.024 | 1.247 |
| IHD | 45 | 7.90 | 1.12  | 1.025 | 1.251 |
| IHD | 45 | 8.00 | 1.122 | 1.026 | 1.254 |
| IHD | 45 | 8.10 | 1.124 | 1.027 | 1.257 |
| IHD | 45 | 8.20 | 1.126 | 1.029 | 1.26  |
| IHD | 45 | 8.30 | 1.128 | 1.03  | 1.263 |
| IHD | 45 | 8.40 | 1.13  | 1.031 | 1.266 |
| IHD | 45 | 8.50 | 1.132 | 1.032 | 1.269 |
| IHD | 45 | 8.60 | 1.134 | 1.034 | 1.273 |
| IHD | 45 | 8.70 | 1.137 | 1.035 | 1.276 |
| IHD | 45 | 8.80 | 1.139 | 1.036 | 1.28  |
| IHD | 45 | 8.90 | 1.141 | 1.038 | 1.283 |
| IHD | 45 | 9.00 | 1.143 | 1.039 | 1.286 |
| IHD | 45 | 9.10 | 1.145 | 1.04  | 1.29  |
| IHD | 45 | 9.20 | 1.147 | 1.042 | 1.293 |
| IHD | 45 | 9.30 | 1.149 | 1.043 | 1.297 |
| IHD | 45 | 9.40 | 1.151 | 1.044 | 1.3   |
| IHD | 45 | 9.50 | 1.153 | 1.045 | 1.303 |
| IHD | 45 | 9.60 | 1.155 | 1.047 | 1.307 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 9.70  | 1.157 | 1.048 | 1.31  |
| IHD | 45 | 9.80  | 1.159 | 1.049 | 1.313 |
| IHD | 45 | 9.90  | 1.161 | 1.051 | 1.316 |
| IHD | 45 | 10.00 | 1.163 | 1.052 | 1.32  |
| IHD | 45 | 10.10 | 1.165 | 1.053 | 1.323 |
| IHD | 45 | 10.20 | 1.168 | 1.055 | 1.326 |
| IHD | 45 | 10.30 | 1.17  | 1.056 | 1.329 |
| IHD | 45 | 10.40 | 1.172 | 1.057 | 1.333 |
| IHD | 45 | 10.50 | 1.174 | 1.059 | 1.336 |
| IHD | 45 | 10.60 | 1.176 | 1.06  | 1.339 |
| IHD | 45 | 10.70 | 1.178 | 1.062 | 1.342 |
| IHD | 45 | 10.80 | 1.18  | 1.063 | 1.346 |
| IHD | 45 | 10.90 | 1.182 | 1.064 | 1.349 |
| IHD | 45 | 11.00 | 1.184 | 1.066 | 1.352 |
| IHD | 45 | 11.10 | 1.186 | 1.067 | 1.355 |
| IHD | 45 | 11.20 | 1.188 | 1.068 | 1.358 |
| IHD | 45 | 11.30 | 1.19  | 1.069 | 1.361 |
| IHD | 45 | 11.40 | 1.192 | 1.07  | 1.364 |
| IHD | 45 | 11.50 | 1.194 | 1.071 | 1.367 |
| IHD | 45 | 11.60 | 1.196 | 1.072 | 1.37  |
| IHD | 45 | 11.70 | 1.198 | 1.073 | 1.373 |
| IHD | 45 | 11.80 | 1.199 | 1.075 | 1.376 |
| IHD | 45 | 11.90 | 1.201 | 1.076 | 1.379 |
| IHD | 45 | 12.00 | 1.203 | 1.077 | 1.382 |
| IHD | 45 | 12.10 | 1.205 | 1.078 | 1.385 |
| IHD | 45 | 12.20 | 1.207 | 1.079 | 1.387 |
| IHD | 45 | 12.30 | 1.209 | 1.08  | 1.39  |
| IHD | 45 | 12.40 | 1.211 | 1.081 | 1.393 |
| IHD | 45 | 12.50 | 1.213 | 1.082 | 1.396 |
| IHD | 45 | 12.60 | 1.215 | 1.083 | 1.398 |
| IHD | 45 | 12.70 | 1.217 | 1.085 | 1.401 |
| IHD | 45 | 12.80 | 1.219 | 1.086 | 1.404 |
| IHD | 45 | 12.90 | 1.221 | 1.087 | 1.407 |
| IHD | 45 | 13.00 | 1.223 | 1.088 | 1.409 |
| IHD | 45 | 13.10 | 1.225 | 1.089 | 1.412 |
| IHD | 45 | 13.20 | 1.227 | 1.09  | 1.415 |
| IHD | 45 | 13.30 | 1.228 | 1.091 | 1.417 |
| IHD | 45 | 13.40 | 1.23  | 1.092 | 1.42  |
| IHD | 45 | 13.50 | 1.232 | 1.094 | 1.422 |
| IHD | 45 | 13.60 | 1.234 | 1.095 | 1.425 |
| IHD | 45 | 13.70 | 1.236 | 1.096 | 1.428 |
| IHD | 45 | 13.80 | 1.238 | 1.097 | 1.43  |
| IHD | 45 | 13.90 | 1.24  | 1.098 | 1.433 |
| IHD | 45 | 14.00 | 1.242 | 1.099 | 1.436 |
| IHD | 45 | 14.10 | 1.244 | 1.101 | 1.438 |
| IHD | 45 | 14.20 | 1.245 | 1.102 | 1.441 |
| IHD | 45 | 14.30 | 1.247 | 1.103 | 1.443 |
| IHD | 45 | 14.40 | 1.249 | 1.105 | 1.446 |
| IHD | 45 | 14.50 | 1.251 | 1.106 | 1.448 |
| IHD | 45 | 14.60 | 1.253 | 1.107 | 1.451 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 14.70 | 1.255 | 1.108 | 1.453 |
| IHD | 45 | 14.80 | 1.257 | 1.11  | 1.456 |
| IHD | 45 | 14.90 | 1.258 | 1.111 | 1.458 |
| IHD | 45 | 15.00 | 1.26  | 1.112 | 1.461 |
| IHD | 45 | 15.10 | 1.262 | 1.114 | 1.463 |
| IHD | 45 | 15.20 | 1.264 | 1.115 | 1.466 |
| IHD | 45 | 15.30 | 1.266 | 1.116 | 1.468 |
| IHD | 45 | 15.40 | 1.267 | 1.118 | 1.471 |
| IHD | 45 | 15.50 | 1.269 | 1.119 | 1.473 |
| IHD | 45 | 15.60 | 1.271 | 1.12  | 1.476 |
| IHD | 45 | 15.70 | 1.273 | 1.121 | 1.478 |
| IHD | 45 | 15.80 | 1.275 | 1.123 | 1.481 |
| IHD | 45 | 15.90 | 1.277 | 1.124 | 1.483 |
| IHD | 45 | 16.00 | 1.278 | 1.125 | 1.486 |
| IHD | 45 | 16.10 | 1.28  | 1.127 | 1.488 |
| IHD | 45 | 16.20 | 1.282 | 1.128 | 1.491 |
| IHD | 45 | 16.30 | 1.284 | 1.129 | 1.494 |
| IHD | 45 | 16.40 | 1.285 | 1.13  | 1.496 |
| IHD | 45 | 16.50 | 1.287 | 1.132 | 1.499 |
| IHD | 45 | 16.60 | 1.289 | 1.133 | 1.502 |
| IHD | 45 | 16.70 | 1.291 | 1.134 | 1.505 |
| IHD | 45 | 16.80 | 1.292 | 1.136 | 1.507 |
| IHD | 45 | 16.90 | 1.294 | 1.137 | 1.51  |
| IHD | 45 | 17.00 | 1.296 | 1.138 | 1.513 |
| IHD | 45 | 17.10 | 1.298 | 1.139 | 1.515 |
| IHD | 45 | 17.20 | 1.299 | 1.141 | 1.518 |
| IHD | 45 | 17.30 | 1.301 | 1.142 | 1.52  |
| IHD | 45 | 17.40 | 1.303 | 1.143 | 1.523 |
| IHD | 45 | 17.50 | 1.305 | 1.144 | 1.526 |
| IHD | 45 | 17.60 | 1.306 | 1.145 | 1.528 |
| IHD | 45 | 17.70 | 1.308 | 1.147 | 1.531 |
| IHD | 45 | 17.80 | 1.31  | 1.148 | 1.534 |
| IHD | 45 | 17.90 | 1.312 | 1.149 | 1.536 |
| IHD | 45 | 18.00 | 1.313 | 1.15  | 1.539 |
| IHD | 45 | 18.10 | 1.315 | 1.151 | 1.541 |
| IHD | 45 | 18.20 | 1.317 | 1.152 | 1.544 |
| IHD | 45 | 18.30 | 1.318 | 1.153 | 1.546 |
| IHD | 45 | 18.40 | 1.32  | 1.155 | 1.549 |
| IHD | 45 | 18.50 | 1.322 | 1.156 | 1.551 |
| IHD | 45 | 18.60 | 1.323 | 1.157 | 1.554 |
| IHD | 45 | 18.70 | 1.325 | 1.158 | 1.556 |
| IHD | 45 | 18.80 | 1.327 | 1.159 | 1.559 |
| IHD | 45 | 18.90 | 1.329 | 1.16  | 1.562 |
| IHD | 45 | 19.00 | 1.33  | 1.161 | 1.564 |
| IHD | 45 | 19.10 | 1.332 | 1.162 | 1.566 |
| IHD | 45 | 19.20 | 1.334 | 1.163 | 1.569 |
| IHD | 45 | 19.30 | 1.335 | 1.165 | 1.571 |
| IHD | 45 | 19.40 | 1.337 | 1.166 | 1.574 |
| IHD | 45 | 19.50 | 1.339 | 1.167 | 1.576 |
| IHD | 45 | 19.60 | 1.34  | 1.168 | 1.579 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 19.70 | 1.342 | 1.169 | 1.581 |
| IHD | 45 | 19.80 | 1.343 | 1.171 | 1.584 |
| IHD | 45 | 19.90 | 1.345 | 1.172 | 1.586 |
| IHD | 45 | 20.00 | 1.347 | 1.173 | 1.589 |
| IHD | 45 | 20.10 | 1.348 | 1.174 | 1.591 |
| IHD | 45 | 20.20 | 1.35  | 1.175 | 1.593 |
| IHD | 45 | 20.30 | 1.352 | 1.176 | 1.595 |
| IHD | 45 | 20.40 | 1.353 | 1.177 | 1.597 |
| IHD | 45 | 20.50 | 1.355 | 1.179 | 1.6   |
| IHD | 45 | 20.60 | 1.356 | 1.18  | 1.602 |
| IHD | 45 | 20.70 | 1.358 | 1.181 | 1.604 |
| IHD | 45 | 20.80 | 1.36  | 1.182 | 1.606 |
| IHD | 45 | 20.90 | 1.361 | 1.183 | 1.608 |
| IHD | 45 | 21.00 | 1.363 | 1.184 | 1.611 |
| IHD | 45 | 21.10 | 1.365 | 1.185 | 1.613 |
| IHD | 45 | 21.20 | 1.366 | 1.187 | 1.615 |
| IHD | 45 | 21.30 | 1.368 | 1.188 | 1.617 |
| IHD | 45 | 21.40 | 1.369 | 1.189 | 1.619 |
| IHD | 45 | 21.50 | 1.371 | 1.19  | 1.621 |
| IHD | 45 | 21.60 | 1.372 | 1.191 | 1.623 |
| IHD | 45 | 21.70 | 1.374 | 1.193 | 1.626 |
| IHD | 45 | 21.80 | 1.376 | 1.194 | 1.628 |
| IHD | 45 | 21.90 | 1.377 | 1.195 | 1.63  |
| IHD | 45 | 22.00 | 1.379 | 1.196 | 1.632 |
| IHD | 45 | 22.10 | 1.38  | 1.197 | 1.634 |
| IHD | 45 | 22.20 | 1.382 | 1.199 | 1.636 |
| IHD | 45 | 22.30 | 1.383 | 1.2   | 1.638 |
| IHD | 45 | 22.40 | 1.385 | 1.201 | 1.64  |
| IHD | 45 | 22.50 | 1.387 | 1.202 | 1.642 |
| IHD | 45 | 22.60 | 1.388 | 1.204 | 1.644 |
| IHD | 45 | 22.70 | 1.39  | 1.205 | 1.646 |
| IHD | 45 | 22.80 | 1.391 | 1.206 | 1.648 |
| IHD | 45 | 22.90 | 1.393 | 1.207 | 1.65  |
| IHD | 45 | 23.00 | 1.394 | 1.209 | 1.652 |
| IHD | 45 | 23.10 | 1.396 | 1.21  | 1.654 |
| IHD | 45 | 23.20 | 1.397 | 1.211 | 1.656 |
| IHD | 45 | 23.30 | 1.399 | 1.212 | 1.658 |
| IHD | 45 | 23.40 | 1.4   | 1.214 | 1.659 |
| IHD | 45 | 23.50 | 1.402 | 1.215 | 1.661 |
| IHD | 45 | 23.60 | 1.403 | 1.216 | 1.663 |
| IHD | 45 | 23.70 | 1.405 | 1.217 | 1.665 |
| IHD | 45 | 23.80 | 1.406 | 1.219 | 1.666 |
| IHD | 45 | 23.90 | 1.408 | 1.22  | 1.668 |
| IHD | 45 | 24.00 | 1.409 | 1.221 | 1.67  |
| IHD | 45 | 24.10 | 1.411 | 1.222 | 1.672 |
| IHD | 45 | 24.20 | 1.412 | 1.224 | 1.674 |
| IHD | 45 | 24.30 | 1.414 | 1.225 | 1.675 |
| IHD | 45 | 24.40 | 1.415 | 1.226 | 1.677 |
| IHD | 45 | 24.50 | 1.417 | 1.227 | 1.679 |
| IHD | 45 | 24.60 | 1.418 | 1.228 | 1.681 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 24.70 | 1.42  | 1.23  | 1.683 |
| IHD | 45 | 24.80 | 1.421 | 1.231 | 1.685 |
| IHD | 45 | 24.90 | 1.423 | 1.232 | 1.687 |
| IHD | 45 | 25.00 | 1.424 | 1.233 | 1.689 |
| IHD | 45 | 25.10 | 1.426 | 1.234 | 1.69  |
| IHD | 45 | 25.20 | 1.427 | 1.236 | 1.692 |
| IHD | 45 | 25.30 | 1.428 | 1.237 | 1.694 |
| IHD | 45 | 25.40 | 1.43  | 1.238 | 1.696 |
| IHD | 45 | 25.50 | 1.431 | 1.239 | 1.698 |
| IHD | 45 | 25.60 | 1.433 | 1.24  | 1.699 |
| IHD | 45 | 25.70 | 1.434 | 1.241 | 1.701 |
| IHD | 45 | 25.80 | 1.436 | 1.242 | 1.703 |
| IHD | 45 | 25.90 | 1.437 | 1.243 | 1.705 |
| IHD | 45 | 26.00 | 1.439 | 1.244 | 1.707 |
| IHD | 45 | 26.10 | 1.44  | 1.245 | 1.708 |
| IHD | 45 | 26.20 | 1.441 | 1.246 | 1.709 |
| IHD | 45 | 26.30 | 1.443 | 1.247 | 1.71  |
| IHD | 45 | 26.40 | 1.444 | 1.247 | 1.712 |
| IHD | 45 | 26.50 | 1.446 | 1.248 | 1.713 |
| IHD | 45 | 26.60 | 1.447 | 1.249 | 1.714 |
| IHD | 45 | 26.70 | 1.449 | 1.25  | 1.715 |
| IHD | 45 | 26.80 | 1.45  | 1.251 | 1.717 |
| IHD | 45 | 26.90 | 1.451 | 1.252 | 1.718 |
| IHD | 45 | 27.00 | 1.453 | 1.253 | 1.719 |
| IHD | 45 | 27.10 | 1.454 | 1.254 | 1.721 |
| IHD | 45 | 27.20 | 1.456 | 1.255 | 1.723 |
| IHD | 45 | 27.30 | 1.457 | 1.256 | 1.724 |
| IHD | 45 | 27.40 | 1.458 | 1.257 | 1.726 |
| IHD | 45 | 27.50 | 1.46  | 1.258 | 1.728 |
| IHD | 45 | 27.60 | 1.461 | 1.259 | 1.73  |
| IHD | 45 | 27.70 | 1.462 | 1.26  | 1.732 |
| IHD | 45 | 27.80 | 1.464 | 1.26  | 1.733 |
| IHD | 45 | 27.90 | 1.465 | 1.261 | 1.735 |
| IHD | 45 | 28.00 | 1.467 | 1.262 | 1.737 |
| IHD | 45 | 28.10 | 1.468 | 1.263 | 1.739 |
| IHD | 45 | 28.20 | 1.469 | 1.264 | 1.741 |
| IHD | 45 | 28.30 | 1.471 | 1.265 | 1.743 |
| IHD | 45 | 28.40 | 1.472 | 1.266 | 1.745 |
| IHD | 45 | 28.50 | 1.473 | 1.267 | 1.747 |
| IHD | 45 | 28.60 | 1.475 | 1.268 | 1.749 |
| IHD | 45 | 28.70 | 1.476 | 1.269 | 1.751 |
| IHD | 45 | 28.80 | 1.477 | 1.27  | 1.753 |
| IHD | 45 | 28.90 | 1.479 | 1.27  | 1.755 |
| IHD | 45 | 29.00 | 1.48  | 1.271 | 1.757 |
| IHD | 45 | 29.10 | 1.481 | 1.272 | 1.758 |
| IHD | 45 | 29.20 | 1.483 | 1.273 | 1.76  |
| IHD | 45 | 29.30 | 1.484 | 1.274 | 1.761 |
| IHD | 45 | 29.40 | 1.485 | 1.275 | 1.763 |
| IHD | 45 | 29.50 | 1.487 | 1.276 | 1.765 |
| IHD | 45 | 29.60 | 1.488 | 1.277 | 1.766 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 29.70 | 1.489 | 1.278 | 1.768 |
| IHD | 45 | 29.80 | 1.491 | 1.278 | 1.77  |
| IHD | 45 | 29.90 | 1.492 | 1.279 | 1.771 |
| IHD | 45 | 30.00 | 1.493 | 1.28  | 1.773 |
| IHD | 45 | 30.10 | 1.495 | 1.281 | 1.774 |
| IHD | 45 | 30.20 | 1.496 | 1.282 | 1.776 |
| IHD | 45 | 30.30 | 1.497 | 1.283 | 1.778 |
| IHD | 45 | 30.40 | 1.499 | 1.284 | 1.779 |
| IHD | 45 | 30.50 | 1.5   | 1.285 | 1.781 |
| IHD | 45 | 30.60 | 1.501 | 1.286 | 1.782 |
| IHD | 45 | 30.70 | 1.502 | 1.286 | 1.784 |
| IHD | 45 | 30.80 | 1.504 | 1.287 | 1.785 |
| IHD | 45 | 30.90 | 1.505 | 1.288 | 1.787 |
| IHD | 45 | 31.00 | 1.506 | 1.289 | 1.789 |
| IHD | 45 | 31.10 | 1.508 | 1.29  | 1.79  |
| IHD | 45 | 31.20 | 1.509 | 1.291 | 1.792 |
| IHD | 45 | 31.30 | 1.51  | 1.292 | 1.794 |
| IHD | 45 | 31.40 | 1.511 | 1.293 | 1.796 |
| IHD | 45 | 31.50 | 1.513 | 1.294 | 1.797 |
| IHD | 45 | 31.60 | 1.514 | 1.295 | 1.799 |
| IHD | 45 | 31.70 | 1.515 | 1.296 | 1.801 |
| IHD | 45 | 31.80 | 1.516 | 1.297 | 1.803 |
| IHD | 45 | 31.90 | 1.518 | 1.298 | 1.804 |
| IHD | 45 | 32.00 | 1.519 | 1.299 | 1.806 |
| IHD | 45 | 32.10 | 1.52  | 1.3   | 1.807 |
| IHD | 45 | 32.20 | 1.521 | 1.301 | 1.809 |
| IHD | 45 | 32.30 | 1.523 | 1.303 | 1.81  |
| IHD | 45 | 32.40 | 1.524 | 1.304 | 1.812 |
| IHD | 45 | 32.50 | 1.525 | 1.305 | 1.813 |
| IHD | 45 | 32.60 | 1.526 | 1.306 | 1.814 |
| IHD | 45 | 32.70 | 1.528 | 1.307 | 1.816 |
| IHD | 45 | 32.80 | 1.529 | 1.308 | 1.817 |
| IHD | 45 | 32.90 | 1.53  | 1.309 | 1.819 |
| IHD | 45 | 33.00 | 1.531 | 1.31  | 1.82  |
| IHD | 45 | 33.10 | 1.533 | 1.311 | 1.821 |
| IHD | 45 | 33.20 | 1.534 | 1.312 | 1.823 |
| IHD | 45 | 33.30 | 1.535 | 1.313 | 1.824 |
| IHD | 45 | 33.40 | 1.536 | 1.314 | 1.825 |
| IHD | 45 | 33.50 | 1.537 | 1.315 | 1.827 |
| IHD | 45 | 33.60 | 1.539 | 1.316 | 1.828 |
| IHD | 45 | 33.70 | 1.54  | 1.317 | 1.829 |
| IHD | 45 | 33.80 | 1.541 | 1.318 | 1.831 |
| IHD | 45 | 33.90 | 1.542 | 1.319 | 1.832 |
| IHD | 45 | 34.00 | 1.543 | 1.32  | 1.834 |
| IHD | 45 | 34.10 | 1.545 | 1.321 | 1.835 |
| IHD | 45 | 34.20 | 1.546 | 1.322 | 1.836 |
| IHD | 45 | 34.30 | 1.547 | 1.323 | 1.837 |
| IHD | 45 | 34.40 | 1.548 | 1.324 | 1.839 |
| IHD | 45 | 34.50 | 1.549 | 1.325 | 1.84  |
| IHD | 45 | 34.60 | 1.551 | 1.326 | 1.841 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 34.70 | 1.552 | 1.327 | 1.843 |
| IHD | 45 | 34.80 | 1.553 | 1.328 | 1.844 |
| IHD | 45 | 34.90 | 1.554 | 1.329 | 1.845 |
| IHD | 45 | 35.00 | 1.555 | 1.33  | 1.847 |
| IHD | 45 | 35.10 | 1.556 | 1.331 | 1.848 |
| IHD | 45 | 35.20 | 1.558 | 1.332 | 1.85  |
| IHD | 45 | 35.30 | 1.559 | 1.333 | 1.851 |
| IHD | 45 | 35.40 | 1.56  | 1.334 | 1.852 |
| IHD | 45 | 35.50 | 1.561 | 1.335 | 1.854 |
| IHD | 45 | 35.60 | 1.562 | 1.336 | 1.855 |
| IHD | 45 | 35.70 | 1.563 | 1.336 | 1.857 |
| IHD | 45 | 35.80 | 1.565 | 1.337 | 1.858 |
| IHD | 45 | 35.90 | 1.566 | 1.338 | 1.86  |
| IHD | 45 | 36.00 | 1.567 | 1.339 | 1.861 |
| IHD | 45 | 36.10 | 1.568 | 1.34  | 1.863 |
| IHD | 45 | 36.20 | 1.569 | 1.341 | 1.864 |
| IHD | 45 | 36.30 | 1.57  | 1.341 | 1.865 |
| IHD | 45 | 36.40 | 1.571 | 1.342 | 1.867 |
| IHD | 45 | 36.50 | 1.573 | 1.343 | 1.868 |
| IHD | 45 | 36.60 | 1.574 | 1.344 | 1.87  |
| IHD | 45 | 36.70 | 1.575 | 1.345 | 1.871 |
| IHD | 45 | 36.80 | 1.576 | 1.346 | 1.872 |
| IHD | 45 | 36.90 | 1.577 | 1.346 | 1.874 |
| IHD | 45 | 37.00 | 1.578 | 1.347 | 1.875 |
| IHD | 45 | 37.10 | 1.579 | 1.348 | 1.877 |
| IHD | 45 | 37.20 | 1.58  | 1.349 | 1.878 |
| IHD | 45 | 37.30 | 1.582 | 1.35  | 1.879 |
| IHD | 45 | 37.40 | 1.583 | 1.351 | 1.881 |
| IHD | 45 | 37.50 | 1.584 | 1.352 | 1.882 |
| IHD | 45 | 37.60 | 1.585 | 1.353 | 1.883 |
| IHD | 45 | 37.70 | 1.586 | 1.354 | 1.885 |
| IHD | 45 | 37.80 | 1.587 | 1.355 | 1.886 |
| IHD | 45 | 37.90 | 1.588 | 1.356 | 1.887 |
| IHD | 45 | 38.00 | 1.589 | 1.357 | 1.889 |
| IHD | 45 | 38.10 | 1.59  | 1.358 | 1.89  |
| IHD | 45 | 38.20 | 1.592 | 1.36  | 1.891 |
| IHD | 45 | 38.30 | 1.593 | 1.361 | 1.893 |
| IHD | 45 | 38.40 | 1.594 | 1.362 | 1.894 |
| IHD | 45 | 38.50 | 1.595 | 1.363 | 1.895 |
| IHD | 45 | 38.60 | 1.596 | 1.364 | 1.896 |
| IHD | 45 | 38.70 | 1.597 | 1.365 | 1.898 |
| IHD | 45 | 38.80 | 1.598 | 1.366 | 1.899 |
| IHD | 45 | 38.90 | 1.599 | 1.367 | 1.9   |
| IHD | 45 | 39.00 | 1.6   | 1.368 | 1.902 |
| IHD | 45 | 39.10 | 1.601 | 1.37  | 1.903 |
| IHD | 45 | 39.20 | 1.602 | 1.371 | 1.904 |
| IHD | 45 | 39.30 | 1.604 | 1.372 | 1.906 |
| IHD | 45 | 39.40 | 1.605 | 1.373 | 1.907 |
| IHD | 45 | 39.50 | 1.606 | 1.374 | 1.908 |
| IHD | 45 | 39.60 | 1.607 | 1.375 | 1.909 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 39.70 | 1.608 | 1.376 | 1.911 |
| IHD | 45 | 39.80 | 1.609 | 1.377 | 1.912 |
| IHD | 45 | 39.90 | 1.61  | 1.378 | 1.913 |
| IHD | 45 | 40.00 | 1.611 | 1.38  | 1.914 |
| IHD | 45 | 40.10 | 1.612 | 1.381 | 1.915 |
| IHD | 45 | 40.20 | 1.613 | 1.382 | 1.916 |
| IHD | 45 | 40.30 | 1.614 | 1.383 | 1.917 |
| IHD | 45 | 40.40 | 1.615 | 1.384 | 1.918 |
| IHD | 45 | 40.50 | 1.616 | 1.385 | 1.919 |
| IHD | 45 | 40.60 | 1.617 | 1.386 | 1.921 |
| IHD | 45 | 40.70 | 1.618 | 1.387 | 1.922 |
| IHD | 45 | 40.80 | 1.619 | 1.388 | 1.923 |
| IHD | 45 | 40.90 | 1.62  | 1.389 | 1.924 |
| IHD | 45 | 41.00 | 1.621 | 1.391 | 1.925 |
| IHD | 45 | 41.10 | 1.623 | 1.392 | 1.925 |
| IHD | 45 | 41.20 | 1.624 | 1.393 | 1.926 |
| IHD | 45 | 41.30 | 1.625 | 1.394 | 1.927 |
| IHD | 45 | 41.40 | 1.626 | 1.395 | 1.928 |
| IHD | 45 | 41.50 | 1.627 | 1.396 | 1.929 |
| IHD | 45 | 41.60 | 1.628 | 1.397 | 1.93  |
| IHD | 45 | 41.70 | 1.629 | 1.398 | 1.931 |
| IHD | 45 | 41.80 | 1.63  | 1.399 | 1.932 |
| IHD | 45 | 41.90 | 1.631 | 1.4   | 1.933 |
| IHD | 45 | 42.00 | 1.632 | 1.401 | 1.934 |
| IHD | 45 | 42.10 | 1.633 | 1.402 | 1.935 |
| IHD | 45 | 42.20 | 1.634 | 1.403 | 1.936 |
| IHD | 45 | 42.30 | 1.635 | 1.404 | 1.937 |
| IHD | 45 | 42.40 | 1.636 | 1.405 | 1.938 |
| IHD | 45 | 42.50 | 1.637 | 1.406 | 1.939 |
| IHD | 45 | 42.60 | 1.638 | 1.407 | 1.939 |
| IHD | 45 | 42.70 | 1.639 | 1.408 | 1.94  |
| IHD | 45 | 42.80 | 1.64  | 1.409 | 1.941 |
| IHD | 45 | 42.90 | 1.641 | 1.41  | 1.942 |
| IHD | 45 | 43.00 | 1.642 | 1.411 | 1.943 |
| IHD | 45 | 43.10 | 1.643 | 1.412 | 1.944 |
| IHD | 45 | 43.20 | 1.644 | 1.413 | 1.945 |
| IHD | 45 | 43.30 | 1.645 | 1.414 | 1.946 |
| IHD | 45 | 43.40 | 1.646 | 1.415 | 1.947 |
| IHD | 45 | 43.50 | 1.647 | 1.415 | 1.949 |
| IHD | 45 | 43.60 | 1.648 | 1.416 | 1.95  |
| IHD | 45 | 43.70 | 1.649 | 1.417 | 1.951 |
| IHD | 45 | 43.80 | 1.65  | 1.418 | 1.952 |
| IHD | 45 | 43.90 | 1.651 | 1.419 | 1.953 |
| IHD | 45 | 44.00 | 1.652 | 1.42  | 1.954 |
| IHD | 45 | 44.10 | 1.653 | 1.421 | 1.955 |
| IHD | 45 | 44.20 | 1.654 | 1.422 | 1.956 |
| IHD | 45 | 44.30 | 1.655 | 1.422 | 1.957 |
| IHD | 45 | 44.40 | 1.656 | 1.423 | 1.959 |
| IHD | 45 | 44.50 | 1.657 | 1.424 | 1.96  |
| IHD | 45 | 44.60 | 1.658 | 1.425 | 1.961 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 44.70 | 1.658 | 1.426 | 1.962 |
| IHD | 45 | 44.80 | 1.659 | 1.427 | 1.963 |
| IHD | 45 | 44.90 | 1.66  | 1.427 | 1.964 |
| IHD | 45 | 45.00 | 1.661 | 1.428 | 1.966 |
| IHD | 45 | 45.10 | 1.662 | 1.429 | 1.966 |
| IHD | 45 | 45.20 | 1.663 | 1.43  | 1.967 |
| IHD | 45 | 45.30 | 1.664 | 1.431 | 1.968 |
| IHD | 45 | 45.40 | 1.665 | 1.432 | 1.969 |
| IHD | 45 | 45.50 | 1.666 | 1.433 | 1.97  |
| IHD | 45 | 45.60 | 1.667 | 1.434 | 1.971 |
| IHD | 45 | 45.70 | 1.668 | 1.435 | 1.972 |
| IHD | 45 | 45.80 | 1.669 | 1.435 | 1.973 |
| IHD | 45 | 45.90 | 1.67  | 1.436 | 1.974 |
| IHD | 45 | 46.00 | 1.671 | 1.437 | 1.975 |
| IHD | 45 | 46.10 | 1.672 | 1.438 | 1.976 |
| IHD | 45 | 46.20 | 1.673 | 1.439 | 1.977 |
| IHD | 45 | 46.30 | 1.674 | 1.44  | 1.977 |
| IHD | 45 | 46.40 | 1.675 | 1.441 | 1.978 |
| IHD | 45 | 46.50 | 1.676 | 1.442 | 1.979 |
| IHD | 45 | 46.60 | 1.676 | 1.443 | 1.98  |
| IHD | 45 | 46.70 | 1.677 | 1.444 | 1.981 |
| IHD | 45 | 46.80 | 1.678 | 1.445 | 1.981 |
| IHD | 45 | 46.90 | 1.679 | 1.446 | 1.982 |
| IHD | 45 | 47.00 | 1.68  | 1.447 | 1.983 |
| IHD | 45 | 47.10 | 1.681 | 1.448 | 1.984 |
| IHD | 45 | 47.20 | 1.682 | 1.449 | 1.985 |
| IHD | 45 | 47.30 | 1.683 | 1.45  | 1.986 |
| IHD | 45 | 47.40 | 1.684 | 1.451 | 1.987 |
| IHD | 45 | 47.50 | 1.685 | 1.452 | 1.988 |
| IHD | 45 | 47.60 | 1.686 | 1.453 | 1.988 |
| IHD | 45 | 47.70 | 1.687 | 1.453 | 1.989 |
| IHD | 45 | 47.80 | 1.688 | 1.454 | 1.99  |
| IHD | 45 | 47.90 | 1.688 | 1.455 | 1.991 |
| IHD | 45 | 48.00 | 1.689 | 1.456 | 1.992 |
| IHD | 45 | 48.10 | 1.69  | 1.457 | 1.993 |
| IHD | 45 | 48.20 | 1.691 | 1.457 | 1.994 |
| IHD | 45 | 48.30 | 1.692 | 1.458 | 1.995 |
| IHD | 45 | 48.40 | 1.693 | 1.458 | 1.997 |
| IHD | 45 | 48.50 | 1.694 | 1.459 | 1.998 |
| IHD | 45 | 48.60 | 1.695 | 1.459 | 1.999 |
| IHD | 45 | 48.70 | 1.696 | 1.46  | 2     |
| IHD | 45 | 48.80 | 1.697 | 1.46  | 2.001 |
| IHD | 45 | 48.90 | 1.697 | 1.461 | 2.002 |
| IHD | 45 | 49.00 | 1.698 | 1.461 | 2.003 |
| IHD | 45 | 49.10 | 1.699 | 1.462 | 2.004 |
| IHD | 45 | 49.20 | 1.7   | 1.463 | 2.005 |
| IHD | 45 | 49.30 | 1.701 | 1.463 | 2.006 |
| IHD | 45 | 49.40 | 1.702 | 1.464 | 2.006 |
| IHD | 45 | 49.50 | 1.703 | 1.465 | 2.007 |
| IHD | 45 | 49.60 | 1.704 | 1.465 | 2.008 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 45 | 49.70 | 1.704 | 1.466 | 2.009 |
| IHD | 45 | 49.80 | 1.705 | 1.467 | 2.01  |
| IHD | 45 | 49.90 | 1.706 | 1.468 | 2.01  |
| IHD | 50 | 0.00  | 1     | 1     | 1     |
| IHD | 50 | 0.10  | 1     | 1     | 1     |
| IHD | 50 | 0.20  | 1     | 1     | 1     |
| IHD | 50 | 0.30  | 1     | 1     | 1     |
| IHD | 50 | 0.40  | 1     | 1     | 1     |
| IHD | 50 | 0.50  | 1     | 1     | 1     |
| IHD | 50 | 0.60  | 1     | 1     | 1     |
| IHD | 50 | 0.70  | 1     | 1     | 1     |
| IHD | 50 | 0.80  | 1     | 1     | 1     |
| IHD | 50 | 0.90  | 1     | 1     | 1     |
| IHD | 50 | 1.00  | 1     | 1     | 1     |
| IHD | 50 | 1.10  | 1     | 1     | 1     |
| IHD | 50 | 1.20  | 1     | 1     | 1     |
| IHD | 50 | 1.30  | 1     | 1     | 1     |
| IHD | 50 | 1.40  | 1     | 1     | 1     |
| IHD | 50 | 1.50  | 1     | 1     | 1     |
| IHD | 50 | 1.60  | 1     | 1     | 1     |
| IHD | 50 | 1.70  | 1     | 1     | 1     |
| IHD | 50 | 1.80  | 1     | 1     | 1     |
| IHD | 50 | 1.90  | 1     | 1     | 1     |
| IHD | 50 | 2.00  | 1     | 1     | 1     |
| IHD | 50 | 2.10  | 1     | 1     | 1     |
| IHD | 50 | 2.20  | 1     | 1     | 1     |
| IHD | 50 | 2.30  | 1     | 1     | 1     |
| IHD | 50 | 2.40  | 1     | 1     | 1     |
| IHD | 50 | 2.50  | 1.001 | 1     | 1.003 |
| IHD | 50 | 2.60  | 1.001 | 1     | 1.006 |
| IHD | 50 | 2.70  | 1.001 | 1     | 1.01  |
| IHD | 50 | 2.80  | 1.001 | 1     | 1.014 |
| IHD | 50 | 2.90  | 1.001 | 1     | 1.018 |
| IHD | 50 | 3.00  | 1.002 | 1     | 1.021 |
| IHD | 50 | 3.10  | 1.002 | 1     | 1.025 |
| IHD | 50 | 3.20  | 1.002 | 1     | 1.028 |
| IHD | 50 | 3.30  | 1.003 | 1     | 1.031 |
| IHD | 50 | 3.40  | 1.003 | 1     | 1.034 |
| IHD | 50 | 3.50  | 1.003 | 1     | 1.037 |
| IHD | 50 | 3.60  | 1.004 | 1     | 1.04  |
| IHD | 50 | 3.70  | 1.004 | 1     | 1.043 |
| IHD | 50 | 3.80  | 1.005 | 1     | 1.047 |
| IHD | 50 | 3.90  | 1.006 | 1     | 1.051 |
| IHD | 50 | 4.00  | 1.006 | 1     | 1.054 |
| IHD | 50 | 4.10  | 1.007 | 1     | 1.058 |
| IHD | 50 | 4.20  | 1.007 | 1     | 1.062 |
| IHD | 50 | 4.30  | 1.008 | 1     | 1.065 |
| IHD | 50 | 4.40  | 1.009 | 1     | 1.069 |
| IHD | 50 | 4.50  | 1.01  | 1     | 1.072 |
| IHD | 50 | 4.60  | 1.011 | 1     | 1.075 |

|     |    |      |       |   |       |
|-----|----|------|-------|---|-------|
| IHD | 50 | 4.70 | 1.011 | 1 | 1.079 |
| IHD | 50 | 4.80 | 1.012 | 1 | 1.083 |
| IHD | 50 | 4.90 | 1.013 | 1 | 1.086 |
| IHD | 50 | 5.00 | 1.014 | 1 | 1.09  |
| IHD | 50 | 5.10 | 1.015 | 1 | 1.093 |
| IHD | 50 | 5.20 | 1.016 | 1 | 1.096 |
| IHD | 50 | 5.30 | 1.017 | 1 | 1.099 |
| IHD | 50 | 5.40 | 1.018 | 1 | 1.103 |
| IHD | 50 | 5.50 | 1.019 | 1 | 1.106 |
| IHD | 50 | 5.60 | 1.021 | 1 | 1.109 |
| IHD | 50 | 5.70 | 1.022 | 1 | 1.112 |
| IHD | 50 | 5.80 | 1.023 | 1 | 1.115 |
| IHD | 50 | 5.90 | 1.024 | 1 | 1.118 |
| IHD | 50 | 6.00 | 1.025 | 1 | 1.121 |
| IHD | 50 | 6.10 | 1.027 | 1 | 1.124 |
| IHD | 50 | 6.20 | 1.028 | 1 | 1.127 |
| IHD | 50 | 6.30 | 1.029 | 1 | 1.13  |
| IHD | 50 | 6.40 | 1.031 | 1 | 1.133 |
| IHD | 50 | 6.50 | 1.032 | 1 | 1.135 |
| IHD | 50 | 6.60 | 1.034 | 1 | 1.138 |
| IHD | 50 | 6.70 | 1.035 | 1 | 1.141 |
| IHD | 50 | 6.80 | 1.036 | 1 | 1.144 |
| IHD | 50 | 6.90 | 1.038 | 1 | 1.147 |
| IHD | 50 | 7.00 | 1.039 | 1 | 1.149 |
| IHD | 50 | 7.10 | 1.041 | 1 | 1.152 |
| IHD | 50 | 7.20 | 1.042 | 1 | 1.155 |
| IHD | 50 | 7.30 | 1.044 | 1 | 1.158 |
| IHD | 50 | 7.40 | 1.045 | 1 | 1.161 |
| IHD | 50 | 7.50 | 1.047 | 1 | 1.164 |
| IHD | 50 | 7.60 | 1.048 | 1 | 1.167 |
| IHD | 50 | 7.70 | 1.05  | 1 | 1.17  |
| IHD | 50 | 7.80 | 1.052 | 1 | 1.173 |
| IHD | 50 | 7.90 | 1.053 | 1 | 1.176 |
| IHD | 50 | 8.00 | 1.055 | 1 | 1.179 |
| IHD | 50 | 8.10 | 1.056 | 1 | 1.183 |
| IHD | 50 | 8.20 | 1.058 | 1 | 1.186 |
| IHD | 50 | 8.30 | 1.06  | 1 | 1.189 |
| IHD | 50 | 8.40 | 1.061 | 1 | 1.193 |
| IHD | 50 | 8.50 | 1.063 | 1 | 1.196 |
| IHD | 50 | 8.60 | 1.064 | 1 | 1.199 |
| IHD | 50 | 8.70 | 1.066 | 1 | 1.202 |
| IHD | 50 | 8.80 | 1.068 | 1 | 1.205 |
| IHD | 50 | 8.90 | 1.069 | 1 | 1.208 |
| IHD | 50 | 9.00 | 1.071 | 1 | 1.21  |
| IHD | 50 | 9.10 | 1.073 | 1 | 1.213 |
| IHD | 50 | 9.20 | 1.074 | 1 | 1.216 |
| IHD | 50 | 9.30 | 1.076 | 1 | 1.219 |
| IHD | 50 | 9.40 | 1.078 | 1 | 1.221 |
| IHD | 50 | 9.50 | 1.079 | 1 | 1.224 |
| IHD | 50 | 9.60 | 1.081 | 1 | 1.227 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 9.70  | 1.083 | 1     | 1.23  |
| IHD | 50 | 9.80  | 1.084 | 1     | 1.233 |
| IHD | 50 | 9.90  | 1.086 | 1     | 1.236 |
| IHD | 50 | 10.00 | 1.088 | 1     | 1.239 |
| IHD | 50 | 10.10 | 1.089 | 1     | 1.242 |
| IHD | 50 | 10.20 | 1.091 | 1     | 1.244 |
| IHD | 50 | 10.30 | 1.093 | 1     | 1.247 |
| IHD | 50 | 10.40 | 1.094 | 1     | 1.25  |
| IHD | 50 | 10.50 | 1.096 | 1     | 1.253 |
| IHD | 50 | 10.60 | 1.098 | 1     | 1.255 |
| IHD | 50 | 10.70 | 1.1   | 1     | 1.258 |
| IHD | 50 | 10.80 | 1.101 | 1     | 1.261 |
| IHD | 50 | 10.90 | 1.103 | 1     | 1.264 |
| IHD | 50 | 11.00 | 1.105 | 1     | 1.266 |
| IHD | 50 | 11.10 | 1.106 | 1     | 1.269 |
| IHD | 50 | 11.20 | 1.108 | 1     | 1.271 |
| IHD | 50 | 11.30 | 1.11  | 1     | 1.274 |
| IHD | 50 | 11.40 | 1.111 | 1.001 | 1.276 |
| IHD | 50 | 11.50 | 1.113 | 1.001 | 1.279 |
| IHD | 50 | 11.60 | 1.115 | 1.001 | 1.281 |
| IHD | 50 | 11.70 | 1.116 | 1.001 | 1.284 |
| IHD | 50 | 11.80 | 1.118 | 1.001 | 1.286 |
| IHD | 50 | 11.90 | 1.12  | 1.001 | 1.289 |
| IHD | 50 | 12.00 | 1.121 | 1.002 | 1.291 |
| IHD | 50 | 12.10 | 1.123 | 1.003 | 1.294 |
| IHD | 50 | 12.20 | 1.125 | 1.004 | 1.296 |
| IHD | 50 | 12.30 | 1.126 | 1.005 | 1.299 |
| IHD | 50 | 12.40 | 1.128 | 1.006 | 1.302 |
| IHD | 50 | 12.50 | 1.13  | 1.007 | 1.304 |
| IHD | 50 | 12.60 | 1.131 | 1.009 | 1.307 |
| IHD | 50 | 12.70 | 1.133 | 1.01  | 1.31  |
| IHD | 50 | 12.80 | 1.134 | 1.011 | 1.312 |
| IHD | 50 | 12.90 | 1.136 | 1.012 | 1.315 |
| IHD | 50 | 13.00 | 1.138 | 1.013 | 1.318 |
| IHD | 50 | 13.10 | 1.139 | 1.014 | 1.32  |
| IHD | 50 | 13.20 | 1.141 | 1.015 | 1.323 |
| IHD | 50 | 13.30 | 1.143 | 1.016 | 1.325 |
| IHD | 50 | 13.40 | 1.144 | 1.018 | 1.328 |
| IHD | 50 | 13.50 | 1.146 | 1.019 | 1.33  |
| IHD | 50 | 13.60 | 1.147 | 1.02  | 1.333 |
| IHD | 50 | 13.70 | 1.149 | 1.021 | 1.336 |
| IHD | 50 | 13.80 | 1.151 | 1.022 | 1.338 |
| IHD | 50 | 13.90 | 1.152 | 1.023 | 1.341 |
| IHD | 50 | 14.00 | 1.154 | 1.024 | 1.343 |
| IHD | 50 | 14.10 | 1.155 | 1.025 | 1.346 |
| IHD | 50 | 14.20 | 1.157 | 1.026 | 1.348 |
| IHD | 50 | 14.30 | 1.159 | 1.027 | 1.35  |
| IHD | 50 | 14.40 | 1.16  | 1.029 | 1.353 |
| IHD | 50 | 14.50 | 1.162 | 1.03  | 1.355 |
| IHD | 50 | 14.60 | 1.163 | 1.031 | 1.358 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 14.70 | 1.165 | 1.032 | 1.36  |
| IHD | 50 | 14.80 | 1.167 | 1.033 | 1.363 |
| IHD | 50 | 14.90 | 1.168 | 1.034 | 1.365 |
| IHD | 50 | 15.00 | 1.17  | 1.035 | 1.367 |
| IHD | 50 | 15.10 | 1.171 | 1.036 | 1.37  |
| IHD | 50 | 15.20 | 1.173 | 1.037 | 1.372 |
| IHD | 50 | 15.30 | 1.174 | 1.039 | 1.374 |
| IHD | 50 | 15.40 | 1.176 | 1.04  | 1.376 |
| IHD | 50 | 15.50 | 1.177 | 1.041 | 1.379 |
| IHD | 50 | 15.60 | 1.179 | 1.042 | 1.381 |
| IHD | 50 | 15.70 | 1.18  | 1.043 | 1.383 |
| IHD | 50 | 15.80 | 1.182 | 1.044 | 1.385 |
| IHD | 50 | 15.90 | 1.184 | 1.045 | 1.387 |
| IHD | 50 | 16.00 | 1.185 | 1.046 | 1.39  |
| IHD | 50 | 16.10 | 1.187 | 1.047 | 1.392 |
| IHD | 50 | 16.20 | 1.188 | 1.048 | 1.394 |
| IHD | 50 | 16.30 | 1.19  | 1.049 | 1.396 |
| IHD | 50 | 16.40 | 1.191 | 1.05  | 1.398 |
| IHD | 50 | 16.50 | 1.193 | 1.051 | 1.4   |
| IHD | 50 | 16.60 | 1.194 | 1.052 | 1.402 |
| IHD | 50 | 16.70 | 1.196 | 1.053 | 1.404 |
| IHD | 50 | 16.80 | 1.197 | 1.054 | 1.406 |
| IHD | 50 | 16.90 | 1.199 | 1.055 | 1.408 |
| IHD | 50 | 17.00 | 1.2   | 1.056 | 1.41  |
| IHD | 50 | 17.10 | 1.202 | 1.057 | 1.412 |
| IHD | 50 | 17.20 | 1.203 | 1.058 | 1.414 |
| IHD | 50 | 17.30 | 1.205 | 1.059 | 1.416 |
| IHD | 50 | 17.40 | 1.206 | 1.06  | 1.418 |
| IHD | 50 | 17.50 | 1.207 | 1.061 | 1.42  |
| IHD | 50 | 17.60 | 1.209 | 1.062 | 1.422 |
| IHD | 50 | 17.70 | 1.21  | 1.063 | 1.424 |
| IHD | 50 | 17.80 | 1.212 | 1.064 | 1.426 |
| IHD | 50 | 17.90 | 1.213 | 1.065 | 1.428 |
| IHD | 50 | 18.00 | 1.215 | 1.066 | 1.43  |
| IHD | 50 | 18.10 | 1.216 | 1.067 | 1.432 |
| IHD | 50 | 18.20 | 1.218 | 1.068 | 1.433 |
| IHD | 50 | 18.30 | 1.219 | 1.069 | 1.435 |
| IHD | 50 | 18.40 | 1.221 | 1.07  | 1.437 |
| IHD | 50 | 18.50 | 1.222 | 1.071 | 1.439 |
| IHD | 50 | 18.60 | 1.223 | 1.072 | 1.44  |
| IHD | 50 | 18.70 | 1.225 | 1.073 | 1.442 |
| IHD | 50 | 18.80 | 1.226 | 1.074 | 1.444 |
| IHD | 50 | 18.90 | 1.228 | 1.075 | 1.445 |
| IHD | 50 | 19.00 | 1.229 | 1.077 | 1.447 |
| IHD | 50 | 19.10 | 1.231 | 1.078 | 1.449 |
| IHD | 50 | 19.20 | 1.232 | 1.079 | 1.45  |
| IHD | 50 | 19.30 | 1.233 | 1.08  | 1.452 |
| IHD | 50 | 19.40 | 1.235 | 1.081 | 1.453 |
| IHD | 50 | 19.50 | 1.236 | 1.082 | 1.455 |
| IHD | 50 | 19.60 | 1.238 | 1.083 | 1.457 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 19.70 | 1.239 | 1.084 | 1.458 |
| IHD | 50 | 19.80 | 1.24  | 1.085 | 1.46  |
| IHD | 50 | 19.90 | 1.242 | 1.086 | 1.461 |
| IHD | 50 | 20.00 | 1.243 | 1.087 | 1.463 |
| IHD | 50 | 20.10 | 1.244 | 1.088 | 1.464 |
| IHD | 50 | 20.20 | 1.246 | 1.089 | 1.466 |
| IHD | 50 | 20.30 | 1.247 | 1.09  | 1.468 |
| IHD | 50 | 20.40 | 1.249 | 1.091 | 1.469 |
| IHD | 50 | 20.50 | 1.25  | 1.092 | 1.471 |
| IHD | 50 | 20.60 | 1.251 | 1.093 | 1.472 |
| IHD | 50 | 20.70 | 1.253 | 1.094 | 1.474 |
| IHD | 50 | 20.80 | 1.254 | 1.095 | 1.475 |
| IHD | 50 | 20.90 | 1.255 | 1.096 | 1.477 |
| IHD | 50 | 21.00 | 1.257 | 1.097 | 1.479 |
| IHD | 50 | 21.10 | 1.258 | 1.098 | 1.48  |
| IHD | 50 | 21.20 | 1.259 | 1.099 | 1.482 |
| IHD | 50 | 21.30 | 1.261 | 1.1   | 1.484 |
| IHD | 50 | 21.40 | 1.262 | 1.101 | 1.486 |
| IHD | 50 | 21.50 | 1.263 | 1.101 | 1.487 |
| IHD | 50 | 21.60 | 1.265 | 1.102 | 1.489 |
| IHD | 50 | 21.70 | 1.266 | 1.103 | 1.491 |
| IHD | 50 | 21.80 | 1.267 | 1.104 | 1.493 |
| IHD | 50 | 21.90 | 1.269 | 1.105 | 1.494 |
| IHD | 50 | 22.00 | 1.27  | 1.106 | 1.496 |
| IHD | 50 | 22.10 | 1.271 | 1.107 | 1.498 |
| IHD | 50 | 22.20 | 1.273 | 1.108 | 1.499 |
| IHD | 50 | 22.30 | 1.274 | 1.109 | 1.501 |
| IHD | 50 | 22.40 | 1.275 | 1.11  | 1.503 |
| IHD | 50 | 22.50 | 1.277 | 1.111 | 1.504 |
| IHD | 50 | 22.60 | 1.278 | 1.112 | 1.506 |
| IHD | 50 | 22.70 | 1.279 | 1.113 | 1.507 |
| IHD | 50 | 22.80 | 1.28  | 1.114 | 1.509 |
| IHD | 50 | 22.90 | 1.282 | 1.115 | 1.511 |
| IHD | 50 | 23.00 | 1.283 | 1.116 | 1.512 |
| IHD | 50 | 23.10 | 1.284 | 1.116 | 1.514 |
| IHD | 50 | 23.20 | 1.286 | 1.117 | 1.515 |
| IHD | 50 | 23.30 | 1.287 | 1.118 | 1.517 |
| IHD | 50 | 23.40 | 1.288 | 1.119 | 1.519 |
| IHD | 50 | 23.50 | 1.289 | 1.12  | 1.52  |
| IHD | 50 | 23.60 | 1.291 | 1.121 | 1.522 |
| IHD | 50 | 23.70 | 1.292 | 1.122 | 1.524 |
| IHD | 50 | 23.80 | 1.293 | 1.123 | 1.525 |
| IHD | 50 | 23.90 | 1.294 | 1.124 | 1.527 |
| IHD | 50 | 24.00 | 1.296 | 1.125 | 1.528 |
| IHD | 50 | 24.10 | 1.297 | 1.126 | 1.53  |
| IHD | 50 | 24.20 | 1.298 | 1.127 | 1.531 |
| IHD | 50 | 24.30 | 1.299 | 1.128 | 1.533 |
| IHD | 50 | 24.40 | 1.301 | 1.129 | 1.534 |
| IHD | 50 | 24.50 | 1.302 | 1.13  | 1.536 |
| IHD | 50 | 24.60 | 1.303 | 1.131 | 1.537 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 24.70 | 1.304 | 1.132 | 1.539 |
| IHD | 50 | 24.80 | 1.306 | 1.133 | 1.54  |
| IHD | 50 | 24.90 | 1.307 | 1.134 | 1.542 |
| IHD | 50 | 25.00 | 1.308 | 1.135 | 1.543 |
| IHD | 50 | 25.10 | 1.309 | 1.136 | 1.545 |
| IHD | 50 | 25.20 | 1.311 | 1.137 | 1.546 |
| IHD | 50 | 25.30 | 1.312 | 1.138 | 1.548 |
| IHD | 50 | 25.40 | 1.313 | 1.139 | 1.549 |
| IHD | 50 | 25.50 | 1.314 | 1.14  | 1.551 |
| IHD | 50 | 25.60 | 1.315 | 1.141 | 1.552 |
| IHD | 50 | 25.70 | 1.317 | 1.142 | 1.554 |
| IHD | 50 | 25.80 | 1.318 | 1.143 | 1.555 |
| IHD | 50 | 25.90 | 1.319 | 1.144 | 1.556 |
| IHD | 50 | 26.00 | 1.32  | 1.145 | 1.558 |
| IHD | 50 | 26.10 | 1.321 | 1.146 | 1.559 |
| IHD | 50 | 26.20 | 1.323 | 1.147 | 1.561 |
| IHD | 50 | 26.30 | 1.324 | 1.148 | 1.562 |
| IHD | 50 | 26.40 | 1.325 | 1.149 | 1.563 |
| IHD | 50 | 26.50 | 1.326 | 1.15  | 1.565 |
| IHD | 50 | 26.60 | 1.327 | 1.151 | 1.566 |
| IHD | 50 | 26.70 | 1.328 | 1.152 | 1.567 |
| IHD | 50 | 26.80 | 1.33  | 1.153 | 1.569 |
| IHD | 50 | 26.90 | 1.331 | 1.154 | 1.57  |
| IHD | 50 | 27.00 | 1.332 | 1.155 | 1.571 |
| IHD | 50 | 27.10 | 1.333 | 1.156 | 1.573 |
| IHD | 50 | 27.20 | 1.334 | 1.157 | 1.574 |
| IHD | 50 | 27.30 | 1.335 | 1.158 | 1.575 |
| IHD | 50 | 27.40 | 1.337 | 1.159 | 1.576 |
| IHD | 50 | 27.50 | 1.338 | 1.159 | 1.578 |
| IHD | 50 | 27.60 | 1.339 | 1.16  | 1.579 |
| IHD | 50 | 27.70 | 1.34  | 1.161 | 1.58  |
| IHD | 50 | 27.80 | 1.341 | 1.162 | 1.581 |
| IHD | 50 | 27.90 | 1.342 | 1.163 | 1.583 |
| IHD | 50 | 28.00 | 1.343 | 1.164 | 1.584 |
| IHD | 50 | 28.10 | 1.345 | 1.165 | 1.585 |
| IHD | 50 | 28.20 | 1.346 | 1.166 | 1.586 |
| IHD | 50 | 28.30 | 1.347 | 1.167 | 1.587 |
| IHD | 50 | 28.40 | 1.348 | 1.168 | 1.588 |
| IHD | 50 | 28.50 | 1.349 | 1.169 | 1.589 |
| IHD | 50 | 28.60 | 1.35  | 1.169 | 1.59  |
| IHD | 50 | 28.70 | 1.351 | 1.17  | 1.591 |
| IHD | 50 | 28.80 | 1.352 | 1.171 | 1.592 |
| IHD | 50 | 28.90 | 1.354 | 1.172 | 1.593 |
| IHD | 50 | 29.00 | 1.355 | 1.173 | 1.594 |
| IHD | 50 | 29.10 | 1.356 | 1.174 | 1.595 |
| IHD | 50 | 29.20 | 1.357 | 1.175 | 1.597 |
| IHD | 50 | 29.30 | 1.358 | 1.176 | 1.598 |
| IHD | 50 | 29.40 | 1.359 | 1.176 | 1.6   |
| IHD | 50 | 29.50 | 1.36  | 1.177 | 1.601 |
| IHD | 50 | 29.60 | 1.361 | 1.178 | 1.603 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 29.70 | 1.362 | 1.179 | 1.604 |
| IHD | 50 | 29.80 | 1.363 | 1.18  | 1.606 |
| IHD | 50 | 29.90 | 1.365 | 1.181 | 1.607 |
| IHD | 50 | 30.00 | 1.366 | 1.181 | 1.609 |
| IHD | 50 | 30.10 | 1.367 | 1.182 | 1.609 |
| IHD | 50 | 30.20 | 1.368 | 1.183 | 1.61  |
| IHD | 50 | 30.30 | 1.369 | 1.184 | 1.611 |
| IHD | 50 | 30.40 | 1.37  | 1.185 | 1.612 |
| IHD | 50 | 30.50 | 1.371 | 1.186 | 1.613 |
| IHD | 50 | 30.60 | 1.372 | 1.187 | 1.614 |
| IHD | 50 | 30.70 | 1.373 | 1.188 | 1.615 |
| IHD | 50 | 30.80 | 1.374 | 1.189 | 1.616 |
| IHD | 50 | 30.90 | 1.375 | 1.19  | 1.617 |
| IHD | 50 | 31.00 | 1.376 | 1.191 | 1.618 |
| IHD | 50 | 31.10 | 1.377 | 1.192 | 1.619 |
| IHD | 50 | 31.20 | 1.379 | 1.193 | 1.62  |
| IHD | 50 | 31.30 | 1.38  | 1.194 | 1.621 |
| IHD | 50 | 31.40 | 1.381 | 1.194 | 1.622 |
| IHD | 50 | 31.50 | 1.382 | 1.195 | 1.624 |
| IHD | 50 | 31.60 | 1.383 | 1.196 | 1.625 |
| IHD | 50 | 31.70 | 1.384 | 1.197 | 1.626 |
| IHD | 50 | 31.80 | 1.385 | 1.198 | 1.627 |
| IHD | 50 | 31.90 | 1.386 | 1.199 | 1.628 |
| IHD | 50 | 32.00 | 1.387 | 1.2   | 1.629 |
| IHD | 50 | 32.10 | 1.388 | 1.2   | 1.63  |
| IHD | 50 | 32.20 | 1.389 | 1.201 | 1.631 |
| IHD | 50 | 32.30 | 1.39  | 1.202 | 1.633 |
| IHD | 50 | 32.40 | 1.391 | 1.203 | 1.634 |
| IHD | 50 | 32.50 | 1.392 | 1.204 | 1.635 |
| IHD | 50 | 32.60 | 1.393 | 1.205 | 1.636 |
| IHD | 50 | 32.70 | 1.394 | 1.205 | 1.637 |
| IHD | 50 | 32.80 | 1.395 | 1.206 | 1.638 |
| IHD | 50 | 32.90 | 1.396 | 1.207 | 1.639 |
| IHD | 50 | 33.00 | 1.397 | 1.208 | 1.64  |
| IHD | 50 | 33.10 | 1.398 | 1.209 | 1.641 |
| IHD | 50 | 33.20 | 1.399 | 1.21  | 1.642 |
| IHD | 50 | 33.30 | 1.4   | 1.21  | 1.643 |
| IHD | 50 | 33.40 | 1.401 | 1.211 | 1.644 |
| IHD | 50 | 33.50 | 1.402 | 1.212 | 1.645 |
| IHD | 50 | 33.60 | 1.403 | 1.213 | 1.646 |
| IHD | 50 | 33.70 | 1.404 | 1.214 | 1.647 |
| IHD | 50 | 33.80 | 1.405 | 1.215 | 1.648 |
| IHD | 50 | 33.90 | 1.406 | 1.215 | 1.649 |
| IHD | 50 | 34.00 | 1.407 | 1.216 | 1.65  |
| IHD | 50 | 34.10 | 1.408 | 1.217 | 1.651 |
| IHD | 50 | 34.20 | 1.409 | 1.218 | 1.652 |
| IHD | 50 | 34.30 | 1.41  | 1.219 | 1.652 |
| IHD | 50 | 34.40 | 1.411 | 1.22  | 1.653 |
| IHD | 50 | 34.50 | 1.412 | 1.221 | 1.654 |
| IHD | 50 | 34.60 | 1.413 | 1.222 | 1.655 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 34.70 | 1.414 | 1.223 | 1.656 |
| IHD | 50 | 34.80 | 1.415 | 1.223 | 1.657 |
| IHD | 50 | 34.90 | 1.416 | 1.224 | 1.658 |
| IHD | 50 | 35.00 | 1.417 | 1.225 | 1.659 |
| IHD | 50 | 35.10 | 1.418 | 1.226 | 1.66  |
| IHD | 50 | 35.20 | 1.419 | 1.227 | 1.661 |
| IHD | 50 | 35.30 | 1.42  | 1.228 | 1.662 |
| IHD | 50 | 35.40 | 1.421 | 1.228 | 1.663 |
| IHD | 50 | 35.50 | 1.422 | 1.229 | 1.664 |
| IHD | 50 | 35.60 | 1.423 | 1.23  | 1.666 |
| IHD | 50 | 35.70 | 1.424 | 1.231 | 1.667 |
| IHD | 50 | 35.80 | 1.425 | 1.231 | 1.668 |
| IHD | 50 | 35.90 | 1.426 | 1.232 | 1.669 |
| IHD | 50 | 36.00 | 1.427 | 1.233 | 1.67  |
| IHD | 50 | 36.10 | 1.427 | 1.234 | 1.671 |
| IHD | 50 | 36.20 | 1.428 | 1.234 | 1.672 |
| IHD | 50 | 36.30 | 1.429 | 1.235 | 1.674 |
| IHD | 50 | 36.40 | 1.43  | 1.236 | 1.675 |
| IHD | 50 | 36.50 | 1.431 | 1.237 | 1.676 |
| IHD | 50 | 36.60 | 1.432 | 1.237 | 1.677 |
| IHD | 50 | 36.70 | 1.433 | 1.238 | 1.679 |
| IHD | 50 | 36.80 | 1.434 | 1.239 | 1.68  |
| IHD | 50 | 36.90 | 1.435 | 1.24  | 1.681 |
| IHD | 50 | 37.00 | 1.436 | 1.24  | 1.682 |
| IHD | 50 | 37.10 | 1.437 | 1.241 | 1.683 |
| IHD | 50 | 37.20 | 1.438 | 1.242 | 1.684 |
| IHD | 50 | 37.30 | 1.439 | 1.243 | 1.685 |
| IHD | 50 | 37.40 | 1.44  | 1.244 | 1.685 |
| IHD | 50 | 37.50 | 1.441 | 1.244 | 1.686 |
| IHD | 50 | 37.60 | 1.441 | 1.245 | 1.687 |
| IHD | 50 | 37.70 | 1.442 | 1.246 | 1.688 |
| IHD | 50 | 37.80 | 1.443 | 1.247 | 1.689 |
| IHD | 50 | 37.90 | 1.444 | 1.248 | 1.689 |
| IHD | 50 | 38.00 | 1.445 | 1.249 | 1.69  |
| IHD | 50 | 38.10 | 1.446 | 1.249 | 1.691 |
| IHD | 50 | 38.20 | 1.447 | 1.25  | 1.692 |
| IHD | 50 | 38.30 | 1.448 | 1.251 | 1.693 |
| IHD | 50 | 38.40 | 1.449 | 1.252 | 1.694 |
| IHD | 50 | 38.50 | 1.45  | 1.253 | 1.695 |
| IHD | 50 | 38.60 | 1.451 | 1.253 | 1.696 |
| IHD | 50 | 38.70 | 1.451 | 1.254 | 1.697 |
| IHD | 50 | 38.80 | 1.452 | 1.255 | 1.697 |
| IHD | 50 | 38.90 | 1.453 | 1.256 | 1.698 |
| IHD | 50 | 39.00 | 1.454 | 1.257 | 1.699 |
| IHD | 50 | 39.10 | 1.455 | 1.257 | 1.7   |
| IHD | 50 | 39.20 | 1.456 | 1.258 | 1.701 |
| IHD | 50 | 39.30 | 1.457 | 1.259 | 1.702 |
| IHD | 50 | 39.40 | 1.458 | 1.259 | 1.703 |
| IHD | 50 | 39.50 | 1.459 | 1.26  | 1.704 |
| IHD | 50 | 39.60 | 1.459 | 1.26  | 1.705 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 39.70 | 1.46  | 1.261 | 1.706 |
| IHD | 50 | 39.80 | 1.461 | 1.262 | 1.707 |
| IHD | 50 | 39.90 | 1.462 | 1.262 | 1.708 |
| IHD | 50 | 40.00 | 1.463 | 1.263 | 1.709 |
| IHD | 50 | 40.10 | 1.464 | 1.264 | 1.71  |
| IHD | 50 | 40.20 | 1.465 | 1.264 | 1.711 |
| IHD | 50 | 40.30 | 1.466 | 1.265 | 1.711 |
| IHD | 50 | 40.40 | 1.466 | 1.266 | 1.712 |
| IHD | 50 | 40.50 | 1.467 | 1.267 | 1.713 |
| IHD | 50 | 40.60 | 1.468 | 1.267 | 1.714 |
| IHD | 50 | 40.70 | 1.469 | 1.268 | 1.715 |
| IHD | 50 | 40.80 | 1.47  | 1.269 | 1.716 |
| IHD | 50 | 40.90 | 1.471 | 1.269 | 1.716 |
| IHD | 50 | 41.00 | 1.472 | 1.27  | 1.717 |
| IHD | 50 | 41.10 | 1.473 | 1.271 | 1.718 |
| IHD | 50 | 41.20 | 1.473 | 1.271 | 1.719 |
| IHD | 50 | 41.30 | 1.474 | 1.272 | 1.72  |
| IHD | 50 | 41.40 | 1.475 | 1.273 | 1.721 |
| IHD | 50 | 41.50 | 1.476 | 1.274 | 1.722 |
| IHD | 50 | 41.60 | 1.477 | 1.274 | 1.723 |
| IHD | 50 | 41.70 | 1.478 | 1.275 | 1.724 |
| IHD | 50 | 41.80 | 1.478 | 1.276 | 1.725 |
| IHD | 50 | 41.90 | 1.479 | 1.276 | 1.725 |
| IHD | 50 | 42.00 | 1.48  | 1.277 | 1.726 |
| IHD | 50 | 42.10 | 1.481 | 1.278 | 1.727 |
| IHD | 50 | 42.20 | 1.482 | 1.279 | 1.728 |
| IHD | 50 | 42.30 | 1.483 | 1.279 | 1.729 |
| IHD | 50 | 42.40 | 1.483 | 1.28  | 1.73  |
| IHD | 50 | 42.50 | 1.484 | 1.281 | 1.731 |
| IHD | 50 | 42.60 | 1.485 | 1.281 | 1.732 |
| IHD | 50 | 42.70 | 1.486 | 1.282 | 1.733 |
| IHD | 50 | 42.80 | 1.487 | 1.283 | 1.734 |
| IHD | 50 | 42.90 | 1.488 | 1.283 | 1.735 |
| IHD | 50 | 43.00 | 1.488 | 1.284 | 1.736 |
| IHD | 50 | 43.10 | 1.489 | 1.285 | 1.737 |
| IHD | 50 | 43.20 | 1.49  | 1.286 | 1.738 |
| IHD | 50 | 43.30 | 1.491 | 1.286 | 1.739 |
| IHD | 50 | 43.40 | 1.492 | 1.287 | 1.74  |
| IHD | 50 | 43.50 | 1.493 | 1.288 | 1.74  |
| IHD | 50 | 43.60 | 1.493 | 1.288 | 1.741 |
| IHD | 50 | 43.70 | 1.494 | 1.289 | 1.742 |
| IHD | 50 | 43.80 | 1.495 | 1.29  | 1.743 |
| IHD | 50 | 43.90 | 1.496 | 1.29  | 1.744 |
| IHD | 50 | 44.00 | 1.497 | 1.291 | 1.745 |
| IHD | 50 | 44.10 | 1.497 | 1.292 | 1.746 |
| IHD | 50 | 44.20 | 1.498 | 1.292 | 1.747 |
| IHD | 50 | 44.30 | 1.499 | 1.293 | 1.748 |
| IHD | 50 | 44.40 | 1.5   | 1.294 | 1.749 |
| IHD | 50 | 44.50 | 1.501 | 1.295 | 1.75  |
| IHD | 50 | 44.60 | 1.502 | 1.295 | 1.75  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 44.70 | 1.502 | 1.296 | 1.751 |
| IHD | 50 | 44.80 | 1.503 | 1.297 | 1.752 |
| IHD | 50 | 44.90 | 1.504 | 1.297 | 1.753 |
| IHD | 50 | 45.00 | 1.505 | 1.298 | 1.754 |
| IHD | 50 | 45.10 | 1.506 | 1.299 | 1.755 |
| IHD | 50 | 45.20 | 1.506 | 1.299 | 1.756 |
| IHD | 50 | 45.30 | 1.507 | 1.3   | 1.757 |
| IHD | 50 | 45.40 | 1.508 | 1.301 | 1.758 |
| IHD | 50 | 45.50 | 1.509 | 1.301 | 1.758 |
| IHD | 50 | 45.60 | 1.509 | 1.302 | 1.759 |
| IHD | 50 | 45.70 | 1.51  | 1.303 | 1.76  |
| IHD | 50 | 45.80 | 1.511 | 1.303 | 1.761 |
| IHD | 50 | 45.90 | 1.512 | 1.304 | 1.762 |
| IHD | 50 | 46.00 | 1.513 | 1.305 | 1.763 |
| IHD | 50 | 46.10 | 1.513 | 1.305 | 1.763 |
| IHD | 50 | 46.20 | 1.514 | 1.306 | 1.764 |
| IHD | 50 | 46.30 | 1.515 | 1.307 | 1.765 |
| IHD | 50 | 46.40 | 1.516 | 1.307 | 1.766 |
| IHD | 50 | 46.50 | 1.516 | 1.308 | 1.767 |
| IHD | 50 | 46.60 | 1.517 | 1.308 | 1.767 |
| IHD | 50 | 46.70 | 1.518 | 1.309 | 1.768 |
| IHD | 50 | 46.80 | 1.519 | 1.309 | 1.769 |
| IHD | 50 | 46.90 | 1.52  | 1.31  | 1.77  |
| IHD | 50 | 47.00 | 1.52  | 1.311 | 1.77  |
| IHD | 50 | 47.10 | 1.521 | 1.311 | 1.771 |
| IHD | 50 | 47.20 | 1.522 | 1.312 | 1.772 |
| IHD | 50 | 47.30 | 1.523 | 1.313 | 1.773 |
| IHD | 50 | 47.40 | 1.523 | 1.313 | 1.773 |
| IHD | 50 | 47.50 | 1.524 | 1.314 | 1.774 |
| IHD | 50 | 47.60 | 1.525 | 1.315 | 1.775 |
| IHD | 50 | 47.70 | 1.526 | 1.315 | 1.776 |
| IHD | 50 | 47.80 | 1.526 | 1.316 | 1.776 |
| IHD | 50 | 47.90 | 1.527 | 1.317 | 1.777 |
| IHD | 50 | 48.00 | 1.528 | 1.318 | 1.778 |
| IHD | 50 | 48.10 | 1.529 | 1.318 | 1.779 |
| IHD | 50 | 48.20 | 1.53  | 1.319 | 1.779 |
| IHD | 50 | 48.30 | 1.53  | 1.32  | 1.78  |
| IHD | 50 | 48.40 | 1.531 | 1.32  | 1.781 |
| IHD | 50 | 48.50 | 1.532 | 1.321 | 1.781 |
| IHD | 50 | 48.60 | 1.533 | 1.322 | 1.782 |
| IHD | 50 | 48.70 | 1.533 | 1.322 | 1.783 |
| IHD | 50 | 48.80 | 1.534 | 1.323 | 1.783 |
| IHD | 50 | 48.90 | 1.535 | 1.323 | 1.784 |
| IHD | 50 | 49.00 | 1.536 | 1.324 | 1.785 |
| IHD | 50 | 49.10 | 1.536 | 1.325 | 1.786 |
| IHD | 50 | 49.20 | 1.537 | 1.325 | 1.786 |
| IHD | 50 | 49.30 | 1.538 | 1.326 | 1.787 |
| IHD | 50 | 49.40 | 1.538 | 1.327 | 1.788 |
| IHD | 50 | 49.50 | 1.539 | 1.328 | 1.789 |
| IHD | 50 | 49.60 | 1.54  | 1.328 | 1.789 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 50 | 49.70 | 1.541 | 1.329 | 1.79  |
| IHD | 50 | 49.80 | 1.541 | 1.33  | 1.791 |
| IHD | 50 | 49.90 | 1.542 | 1.33  | 1.792 |
| IHD | 55 | 0.00  | 1     | 1     | 1     |
| IHD | 55 | 0.10  | 1     | 1     | 1     |
| IHD | 55 | 0.20  | 1     | 1     | 1     |
| IHD | 55 | 0.30  | 1     | 1     | 1     |
| IHD | 55 | 0.40  | 1     | 1     | 1     |
| IHD | 55 | 0.50  | 1     | 1     | 1     |
| IHD | 55 | 0.60  | 1     | 1     | 1     |
| IHD | 55 | 0.70  | 1     | 1     | 1     |
| IHD | 55 | 0.80  | 1     | 1     | 1     |
| IHD | 55 | 0.90  | 1     | 1     | 1     |
| IHD | 55 | 1.00  | 1     | 1     | 1     |
| IHD | 55 | 1.10  | 1     | 1     | 1     |
| IHD | 55 | 1.20  | 1     | 1     | 1     |
| IHD | 55 | 1.30  | 1     | 1     | 1     |
| IHD | 55 | 1.40  | 1     | 1     | 1     |
| IHD | 55 | 1.50  | 1     | 1     | 1     |
| IHD | 55 | 1.60  | 1     | 1     | 1     |
| IHD | 55 | 1.70  | 1     | 1     | 1     |
| IHD | 55 | 1.80  | 1     | 1     | 1     |
| IHD | 55 | 1.90  | 1     | 1     | 1     |
| IHD | 55 | 2.00  | 1     | 1     | 1     |
| IHD | 55 | 2.10  | 1     | 1     | 1     |
| IHD | 55 | 2.20  | 1     | 1     | 1     |
| IHD | 55 | 2.30  | 1     | 1     | 1     |
| IHD | 55 | 2.40  | 1     | 1     | 1     |
| IHD | 55 | 2.50  | 1     | 1     | 1     |
| IHD | 55 | 2.60  | 1     | 1     | 1     |
| IHD | 55 | 2.70  | 1     | 1     | 1.002 |
| IHD | 55 | 2.80  | 1     | 1     | 1.005 |
| IHD | 55 | 2.90  | 1.001 | 1     | 1.009 |
| IHD | 55 | 3.00  | 1.001 | 1     | 1.012 |
| IHD | 55 | 3.10  | 1.001 | 1     | 1.015 |
| IHD | 55 | 3.20  | 1.001 | 1     | 1.018 |
| IHD | 55 | 3.30  | 1.002 | 1     | 1.021 |
| IHD | 55 | 3.40  | 1.002 | 1     | 1.024 |
| IHD | 55 | 3.50  | 1.002 | 1     | 1.027 |
| IHD | 55 | 3.60  | 1.002 | 1     | 1.029 |
| IHD | 55 | 3.70  | 1.003 | 1     | 1.032 |
| IHD | 55 | 3.80  | 1.003 | 1     | 1.035 |
| IHD | 55 | 3.90  | 1.004 | 1     | 1.038 |
| IHD | 55 | 4.00  | 1.004 | 1     | 1.041 |
| IHD | 55 | 4.10  | 1.005 | 1     | 1.044 |
| IHD | 55 | 4.20  | 1.005 | 1     | 1.047 |
| IHD | 55 | 4.30  | 1.006 | 1     | 1.05  |
| IHD | 55 | 4.40  | 1.006 | 1     | 1.053 |
| IHD | 55 | 4.50  | 1.007 | 1     | 1.055 |
| IHD | 55 | 4.60  | 1.008 | 1     | 1.058 |

|     |    |      |       |   |       |
|-----|----|------|-------|---|-------|
| IHD | 55 | 4.70 | 1.009 | 1 | 1.06  |
| IHD | 55 | 4.80 | 1.009 | 1 | 1.063 |
| IHD | 55 | 4.90 | 1.01  | 1 | 1.066 |
| IHD | 55 | 5.00 | 1.011 | 1 | 1.069 |
| IHD | 55 | 5.10 | 1.012 | 1 | 1.072 |
| IHD | 55 | 5.20 | 1.013 | 1 | 1.075 |
| IHD | 55 | 5.30 | 1.014 | 1 | 1.077 |
| IHD | 55 | 5.40 | 1.014 | 1 | 1.08  |
| IHD | 55 | 5.50 | 1.015 | 1 | 1.083 |
| IHD | 55 | 5.60 | 1.016 | 1 | 1.086 |
| IHD | 55 | 5.70 | 1.017 | 1 | 1.089 |
| IHD | 55 | 5.80 | 1.019 | 1 | 1.092 |
| IHD | 55 | 5.90 | 1.02  | 1 | 1.094 |
| IHD | 55 | 6.00 | 1.021 | 1 | 1.097 |
| IHD | 55 | 6.10 | 1.022 | 1 | 1.1   |
| IHD | 55 | 6.20 | 1.023 | 1 | 1.103 |
| IHD | 55 | 6.30 | 1.024 | 1 | 1.106 |
| IHD | 55 | 6.40 | 1.025 | 1 | 1.109 |
| IHD | 55 | 6.50 | 1.027 | 1 | 1.112 |
| IHD | 55 | 6.60 | 1.028 | 1 | 1.114 |
| IHD | 55 | 6.70 | 1.029 | 1 | 1.117 |
| IHD | 55 | 6.80 | 1.03  | 1 | 1.119 |
| IHD | 55 | 6.90 | 1.032 | 1 | 1.122 |
| IHD | 55 | 7.00 | 1.033 | 1 | 1.124 |
| IHD | 55 | 7.10 | 1.034 | 1 | 1.127 |
| IHD | 55 | 7.20 | 1.036 | 1 | 1.13  |
| IHD | 55 | 7.30 | 1.037 | 1 | 1.132 |
| IHD | 55 | 7.40 | 1.038 | 1 | 1.135 |
| IHD | 55 | 7.50 | 1.04  | 1 | 1.138 |
| IHD | 55 | 7.60 | 1.041 | 1 | 1.14  |
| IHD | 55 | 7.70 | 1.043 | 1 | 1.143 |
| IHD | 55 | 7.80 | 1.044 | 1 | 1.145 |
| IHD | 55 | 7.90 | 1.045 | 1 | 1.148 |
| IHD | 55 | 8.00 | 1.047 | 1 | 1.151 |
| IHD | 55 | 8.10 | 1.048 | 1 | 1.153 |
| IHD | 55 | 8.20 | 1.05  | 1 | 1.156 |
| IHD | 55 | 8.30 | 1.051 | 1 | 1.158 |
| IHD | 55 | 8.40 | 1.053 | 1 | 1.161 |
| IHD | 55 | 8.50 | 1.054 | 1 | 1.163 |
| IHD | 55 | 8.60 | 1.056 | 1 | 1.166 |
| IHD | 55 | 8.70 | 1.057 | 1 | 1.169 |
| IHD | 55 | 8.80 | 1.059 | 1 | 1.171 |
| IHD | 55 | 8.90 | 1.06  | 1 | 1.174 |
| IHD | 55 | 9.00 | 1.062 | 1 | 1.176 |
| IHD | 55 | 9.10 | 1.063 | 1 | 1.179 |
| IHD | 55 | 9.20 | 1.065 | 1 | 1.181 |
| IHD | 55 | 9.30 | 1.066 | 1 | 1.183 |
| IHD | 55 | 9.40 | 1.068 | 1 | 1.186 |
| IHD | 55 | 9.50 | 1.069 | 1 | 1.188 |
| IHD | 55 | 9.60 | 1.071 | 1 | 1.19  |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 9.70  | 1.072 | 1     | 1.192 |
| IHD | 55 | 9.80  | 1.074 | 1     | 1.195 |
| IHD | 55 | 9.90  | 1.075 | 1     | 1.197 |
| IHD | 55 | 10.00 | 1.077 | 1     | 1.199 |
| IHD | 55 | 10.10 | 1.078 | 1     | 1.202 |
| IHD | 55 | 10.20 | 1.08  | 1     | 1.204 |
| IHD | 55 | 10.30 | 1.081 | 1     | 1.207 |
| IHD | 55 | 10.40 | 1.083 | 1     | 1.209 |
| IHD | 55 | 10.50 | 1.084 | 1     | 1.212 |
| IHD | 55 | 10.60 | 1.086 | 1     | 1.214 |
| IHD | 55 | 10.70 | 1.087 | 1     | 1.217 |
| IHD | 55 | 10.80 | 1.089 | 1     | 1.219 |
| IHD | 55 | 10.90 | 1.09  | 1     | 1.221 |
| IHD | 55 | 11.00 | 1.092 | 1     | 1.224 |
| IHD | 55 | 11.10 | 1.093 | 1     | 1.226 |
| IHD | 55 | 11.20 | 1.095 | 1     | 1.228 |
| IHD | 55 | 11.30 | 1.096 | 1     | 1.23  |
| IHD | 55 | 11.40 | 1.098 | 1     | 1.232 |
| IHD | 55 | 11.50 | 1.099 | 1     | 1.234 |
| IHD | 55 | 11.60 | 1.101 | 1     | 1.237 |
| IHD | 55 | 11.70 | 1.102 | 1     | 1.239 |
| IHD | 55 | 11.80 | 1.104 | 1     | 1.241 |
| IHD | 55 | 11.90 | 1.105 | 1     | 1.243 |
| IHD | 55 | 12.00 | 1.107 | 1     | 1.245 |
| IHD | 55 | 12.10 | 1.108 | 1.001 | 1.247 |
| IHD | 55 | 12.20 | 1.11  | 1.001 | 1.249 |
| IHD | 55 | 12.30 | 1.111 | 1.002 | 1.251 |
| IHD | 55 | 12.40 | 1.113 | 1.003 | 1.253 |
| IHD | 55 | 12.50 | 1.114 | 1.003 | 1.255 |
| IHD | 55 | 12.60 | 1.116 | 1.004 | 1.257 |
| IHD | 55 | 12.70 | 1.117 | 1.005 | 1.259 |
| IHD | 55 | 12.80 | 1.119 | 1.005 | 1.261 |
| IHD | 55 | 12.90 | 1.12  | 1.006 | 1.263 |
| IHD | 55 | 13.00 | 1.122 | 1.006 | 1.265 |
| IHD | 55 | 13.10 | 1.123 | 1.007 | 1.267 |
| IHD | 55 | 13.20 | 1.125 | 1.008 | 1.27  |
| IHD | 55 | 13.30 | 1.126 | 1.009 | 1.272 |
| IHD | 55 | 13.40 | 1.128 | 1.01  | 1.274 |
| IHD | 55 | 13.50 | 1.129 | 1.011 | 1.276 |
| IHD | 55 | 13.60 | 1.13  | 1.012 | 1.278 |
| IHD | 55 | 13.70 | 1.132 | 1.013 | 1.28  |
| IHD | 55 | 13.80 | 1.133 | 1.013 | 1.282 |
| IHD | 55 | 13.90 | 1.135 | 1.014 | 1.284 |
| IHD | 55 | 14.00 | 1.136 | 1.015 | 1.286 |
| IHD | 55 | 14.10 | 1.138 | 1.016 | 1.288 |
| IHD | 55 | 14.20 | 1.139 | 1.017 | 1.29  |
| IHD | 55 | 14.30 | 1.141 | 1.018 | 1.292 |
| IHD | 55 | 14.40 | 1.142 | 1.019 | 1.295 |
| IHD | 55 | 14.50 | 1.143 | 1.019 | 1.297 |
| IHD | 55 | 14.60 | 1.145 | 1.02  | 1.299 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 14.70 | 1.146 | 1.021 | 1.301 |
| IHD | 55 | 14.80 | 1.148 | 1.022 | 1.303 |
| IHD | 55 | 14.90 | 1.149 | 1.023 | 1.305 |
| IHD | 55 | 15.00 | 1.151 | 1.024 | 1.307 |
| IHD | 55 | 15.10 | 1.152 | 1.025 | 1.308 |
| IHD | 55 | 15.20 | 1.153 | 1.025 | 1.31  |
| IHD | 55 | 15.30 | 1.155 | 1.026 | 1.312 |
| IHD | 55 | 15.40 | 1.156 | 1.027 | 1.314 |
| IHD | 55 | 15.50 | 1.158 | 1.028 | 1.316 |
| IHD | 55 | 15.60 | 1.159 | 1.029 | 1.318 |
| IHD | 55 | 15.70 | 1.16  | 1.03  | 1.319 |
| IHD | 55 | 15.80 | 1.162 | 1.031 | 1.321 |
| IHD | 55 | 15.90 | 1.163 | 1.031 | 1.323 |
| IHD | 55 | 16.00 | 1.165 | 1.032 | 1.325 |
| IHD | 55 | 16.10 | 1.166 | 1.033 | 1.327 |
| IHD | 55 | 16.20 | 1.167 | 1.034 | 1.329 |
| IHD | 55 | 16.30 | 1.169 | 1.035 | 1.331 |
| IHD | 55 | 16.40 | 1.17  | 1.036 | 1.332 |
| IHD | 55 | 16.50 | 1.171 | 1.036 | 1.334 |
| IHD | 55 | 16.60 | 1.173 | 1.037 | 1.336 |
| IHD | 55 | 16.70 | 1.174 | 1.038 | 1.338 |
| IHD | 55 | 16.80 | 1.176 | 1.039 | 1.34  |
| IHD | 55 | 16.90 | 1.177 | 1.04  | 1.342 |
| IHD | 55 | 17.00 | 1.178 | 1.041 | 1.344 |
| IHD | 55 | 17.10 | 1.18  | 1.042 | 1.346 |
| IHD | 55 | 17.20 | 1.181 | 1.042 | 1.348 |
| IHD | 55 | 17.30 | 1.182 | 1.043 | 1.35  |
| IHD | 55 | 17.40 | 1.184 | 1.044 | 1.352 |
| IHD | 55 | 17.50 | 1.185 | 1.045 | 1.354 |
| IHD | 55 | 17.60 | 1.186 | 1.046 | 1.356 |
| IHD | 55 | 17.70 | 1.188 | 1.047 | 1.357 |
| IHD | 55 | 17.80 | 1.189 | 1.047 | 1.359 |
| IHD | 55 | 17.90 | 1.19  | 1.048 | 1.361 |
| IHD | 55 | 18.00 | 1.192 | 1.049 | 1.363 |
| IHD | 55 | 18.10 | 1.193 | 1.05  | 1.365 |
| IHD | 55 | 18.20 | 1.194 | 1.051 | 1.367 |
| IHD | 55 | 18.30 | 1.196 | 1.052 | 1.368 |
| IHD | 55 | 18.40 | 1.197 | 1.052 | 1.37  |
| IHD | 55 | 18.50 | 1.198 | 1.053 | 1.372 |
| IHD | 55 | 18.60 | 1.199 | 1.054 | 1.374 |
| IHD | 55 | 18.70 | 1.201 | 1.055 | 1.375 |
| IHD | 55 | 18.80 | 1.202 | 1.056 | 1.377 |
| IHD | 55 | 18.90 | 1.203 | 1.057 | 1.379 |
| IHD | 55 | 19.00 | 1.205 | 1.057 | 1.38  |
| IHD | 55 | 19.10 | 1.206 | 1.058 | 1.382 |
| IHD | 55 | 19.20 | 1.207 | 1.059 | 1.384 |
| IHD | 55 | 19.30 | 1.209 | 1.06  | 1.386 |
| IHD | 55 | 19.40 | 1.21  | 1.061 | 1.387 |
| IHD | 55 | 19.50 | 1.211 | 1.062 | 1.389 |
| IHD | 55 | 19.60 | 1.212 | 1.062 | 1.391 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 19.70 | 1.214 | 1.063 | 1.393 |
| IHD | 55 | 19.80 | 1.215 | 1.064 | 1.394 |
| IHD | 55 | 19.90 | 1.216 | 1.065 | 1.396 |
| IHD | 55 | 20.00 | 1.217 | 1.066 | 1.398 |
| IHD | 55 | 20.10 | 1.219 | 1.067 | 1.399 |
| IHD | 55 | 20.20 | 1.22  | 1.068 | 1.401 |
| IHD | 55 | 20.30 | 1.221 | 1.068 | 1.403 |
| IHD | 55 | 20.40 | 1.222 | 1.069 | 1.404 |
| IHD | 55 | 20.50 | 1.224 | 1.07  | 1.406 |
| IHD | 55 | 20.60 | 1.225 | 1.071 | 1.408 |
| IHD | 55 | 20.70 | 1.226 | 1.072 | 1.409 |
| IHD | 55 | 20.80 | 1.227 | 1.073 | 1.411 |
| IHD | 55 | 20.90 | 1.229 | 1.074 | 1.413 |
| IHD | 55 | 21.00 | 1.23  | 1.075 | 1.414 |
| IHD | 55 | 21.10 | 1.231 | 1.075 | 1.416 |
| IHD | 55 | 21.20 | 1.232 | 1.076 | 1.417 |
| IHD | 55 | 21.30 | 1.234 | 1.077 | 1.418 |
| IHD | 55 | 21.40 | 1.235 | 1.078 | 1.42  |
| IHD | 55 | 21.50 | 1.236 | 1.078 | 1.421 |
| IHD | 55 | 21.60 | 1.237 | 1.079 | 1.422 |
| IHD | 55 | 21.70 | 1.238 | 1.08  | 1.424 |
| IHD | 55 | 21.80 | 1.24  | 1.081 | 1.425 |
| IHD | 55 | 21.90 | 1.241 | 1.081 | 1.426 |
| IHD | 55 | 22.00 | 1.242 | 1.082 | 1.428 |
| IHD | 55 | 22.10 | 1.243 | 1.083 | 1.429 |
| IHD | 55 | 22.20 | 1.244 | 1.084 | 1.431 |
| IHD | 55 | 22.30 | 1.246 | 1.085 | 1.433 |
| IHD | 55 | 22.40 | 1.247 | 1.086 | 1.434 |
| IHD | 55 | 22.50 | 1.248 | 1.087 | 1.436 |
| IHD | 55 | 22.60 | 1.249 | 1.088 | 1.437 |
| IHD | 55 | 22.70 | 1.25  | 1.089 | 1.439 |
| IHD | 55 | 22.80 | 1.252 | 1.09  | 1.44  |
| IHD | 55 | 22.90 | 1.253 | 1.09  | 1.442 |
| IHD | 55 | 23.00 | 1.254 | 1.091 | 1.444 |
| IHD | 55 | 23.10 | 1.255 | 1.092 | 1.445 |
| IHD | 55 | 23.20 | 1.256 | 1.093 | 1.447 |
| IHD | 55 | 23.30 | 1.257 | 1.094 | 1.449 |
| IHD | 55 | 23.40 | 1.259 | 1.095 | 1.45  |
| IHD | 55 | 23.50 | 1.26  | 1.096 | 1.452 |
| IHD | 55 | 23.60 | 1.261 | 1.097 | 1.454 |
| IHD | 55 | 23.70 | 1.262 | 1.098 | 1.455 |
| IHD | 55 | 23.80 | 1.263 | 1.099 | 1.457 |
| IHD | 55 | 23.90 | 1.264 | 1.1   | 1.459 |
| IHD | 55 | 24.00 | 1.266 | 1.101 | 1.461 |
| IHD | 55 | 24.10 | 1.267 | 1.102 | 1.462 |
| IHD | 55 | 24.20 | 1.268 | 1.103 | 1.463 |
| IHD | 55 | 24.30 | 1.269 | 1.104 | 1.465 |
| IHD | 55 | 24.40 | 1.27  | 1.105 | 1.466 |
| IHD | 55 | 24.50 | 1.271 | 1.106 | 1.468 |
| IHD | 55 | 24.60 | 1.272 | 1.107 | 1.469 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 24.70 | 1.274 | 1.108 | 1.471 |
| IHD | 55 | 24.80 | 1.275 | 1.109 | 1.472 |
| IHD | 55 | 24.90 | 1.276 | 1.11  | 1.473 |
| IHD | 55 | 25.00 | 1.277 | 1.111 | 1.475 |
| IHD | 55 | 25.10 | 1.278 | 1.112 | 1.476 |
| IHD | 55 | 25.20 | 1.279 | 1.113 | 1.477 |
| IHD | 55 | 25.30 | 1.28  | 1.114 | 1.478 |
| IHD | 55 | 25.40 | 1.281 | 1.115 | 1.479 |
| IHD | 55 | 25.50 | 1.282 | 1.116 | 1.48  |
| IHD | 55 | 25.60 | 1.284 | 1.117 | 1.481 |
| IHD | 55 | 25.70 | 1.285 | 1.118 | 1.483 |
| IHD | 55 | 25.80 | 1.286 | 1.119 | 1.484 |
| IHD | 55 | 25.90 | 1.287 | 1.12  | 1.485 |
| IHD | 55 | 26.00 | 1.288 | 1.12  | 1.486 |
| IHD | 55 | 26.10 | 1.289 | 1.121 | 1.487 |
| IHD | 55 | 26.20 | 1.29  | 1.122 | 1.489 |
| IHD | 55 | 26.30 | 1.291 | 1.123 | 1.49  |
| IHD | 55 | 26.40 | 1.292 | 1.124 | 1.492 |
| IHD | 55 | 26.50 | 1.293 | 1.125 | 1.493 |
| IHD | 55 | 26.60 | 1.294 | 1.126 | 1.495 |
| IHD | 55 | 26.70 | 1.296 | 1.127 | 1.496 |
| IHD | 55 | 26.80 | 1.297 | 1.128 | 1.497 |
| IHD | 55 | 26.90 | 1.298 | 1.129 | 1.499 |
| IHD | 55 | 27.00 | 1.299 | 1.13  | 1.5   |
| IHD | 55 | 27.10 | 1.3   | 1.131 | 1.502 |
| IHD | 55 | 27.20 | 1.301 | 1.132 | 1.503 |
| IHD | 55 | 27.30 | 1.302 | 1.133 | 1.504 |
| IHD | 55 | 27.40 | 1.303 | 1.134 | 1.506 |
| IHD | 55 | 27.50 | 1.304 | 1.135 | 1.507 |
| IHD | 55 | 27.60 | 1.305 | 1.136 | 1.508 |
| IHD | 55 | 27.70 | 1.306 | 1.137 | 1.51  |
| IHD | 55 | 27.80 | 1.307 | 1.138 | 1.511 |
| IHD | 55 | 27.90 | 1.308 | 1.139 | 1.512 |
| IHD | 55 | 28.00 | 1.309 | 1.14  | 1.514 |
| IHD | 55 | 28.10 | 1.31  | 1.14  | 1.515 |
| IHD | 55 | 28.20 | 1.311 | 1.141 | 1.516 |
| IHD | 55 | 28.30 | 1.312 | 1.142 | 1.517 |
| IHD | 55 | 28.40 | 1.313 | 1.143 | 1.518 |
| IHD | 55 | 28.50 | 1.314 | 1.144 | 1.519 |
| IHD | 55 | 28.60 | 1.315 | 1.145 | 1.521 |
| IHD | 55 | 28.70 | 1.316 | 1.146 | 1.522 |
| IHD | 55 | 28.80 | 1.318 | 1.147 | 1.523 |
| IHD | 55 | 28.90 | 1.319 | 1.148 | 1.524 |
| IHD | 55 | 29.00 | 1.32  | 1.148 | 1.525 |
| IHD | 55 | 29.10 | 1.321 | 1.149 | 1.526 |
| IHD | 55 | 29.20 | 1.322 | 1.15  | 1.527 |
| IHD | 55 | 29.30 | 1.323 | 1.151 | 1.529 |
| IHD | 55 | 29.40 | 1.324 | 1.152 | 1.53  |
| IHD | 55 | 29.50 | 1.325 | 1.152 | 1.531 |
| IHD | 55 | 29.60 | 1.326 | 1.153 | 1.532 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 29.70 | 1.327 | 1.154 | 1.533 |
| IHD | 55 | 29.80 | 1.328 | 1.155 | 1.534 |
| IHD | 55 | 29.90 | 1.329 | 1.155 | 1.535 |
| IHD | 55 | 30.00 | 1.33  | 1.156 | 1.536 |
| IHD | 55 | 30.10 | 1.331 | 1.157 | 1.538 |
| IHD | 55 | 30.20 | 1.332 | 1.158 | 1.539 |
| IHD | 55 | 30.30 | 1.333 | 1.158 | 1.54  |
| IHD | 55 | 30.40 | 1.334 | 1.159 | 1.541 |
| IHD | 55 | 30.50 | 1.335 | 1.16  | 1.543 |
| IHD | 55 | 30.60 | 1.336 | 1.161 | 1.544 |
| IHD | 55 | 30.70 | 1.337 | 1.161 | 1.545 |
| IHD | 55 | 30.80 | 1.337 | 1.162 | 1.546 |
| IHD | 55 | 30.90 | 1.338 | 1.163 | 1.548 |
| IHD | 55 | 31.00 | 1.339 | 1.164 | 1.549 |
| IHD | 55 | 31.10 | 1.34  | 1.164 | 1.55  |
| IHD | 55 | 31.20 | 1.341 | 1.165 | 1.551 |
| IHD | 55 | 31.30 | 1.342 | 1.166 | 1.552 |
| IHD | 55 | 31.40 | 1.343 | 1.167 | 1.553 |
| IHD | 55 | 31.50 | 1.344 | 1.167 | 1.555 |
| IHD | 55 | 31.60 | 1.345 | 1.168 | 1.556 |
| IHD | 55 | 31.70 | 1.346 | 1.169 | 1.557 |
| IHD | 55 | 31.80 | 1.347 | 1.17  | 1.558 |
| IHD | 55 | 31.90 | 1.348 | 1.17  | 1.559 |
| IHD | 55 | 32.00 | 1.349 | 1.171 | 1.56  |
| IHD | 55 | 32.10 | 1.35  | 1.172 | 1.561 |
| IHD | 55 | 32.20 | 1.351 | 1.173 | 1.562 |
| IHD | 55 | 32.30 | 1.352 | 1.173 | 1.563 |
| IHD | 55 | 32.40 | 1.353 | 1.174 | 1.564 |
| IHD | 55 | 32.50 | 1.354 | 1.175 | 1.565 |
| IHD | 55 | 32.60 | 1.355 | 1.176 | 1.566 |
| IHD | 55 | 32.70 | 1.356 | 1.176 | 1.567 |
| IHD | 55 | 32.80 | 1.357 | 1.177 | 1.568 |
| IHD | 55 | 32.90 | 1.357 | 1.178 | 1.569 |
| IHD | 55 | 33.00 | 1.358 | 1.178 | 1.57  |
| IHD | 55 | 33.10 | 1.359 | 1.179 | 1.57  |
| IHD | 55 | 33.20 | 1.36  | 1.18  | 1.571 |
| IHD | 55 | 33.30 | 1.361 | 1.181 | 1.572 |
| IHD | 55 | 33.40 | 1.362 | 1.181 | 1.573 |
| IHD | 55 | 33.50 | 1.363 | 1.182 | 1.574 |
| IHD | 55 | 33.60 | 1.364 | 1.183 | 1.575 |
| IHD | 55 | 33.70 | 1.365 | 1.184 | 1.576 |
| IHD | 55 | 33.80 | 1.366 | 1.184 | 1.577 |
| IHD | 55 | 33.90 | 1.367 | 1.185 | 1.578 |
| IHD | 55 | 34.00 | 1.368 | 1.186 | 1.579 |
| IHD | 55 | 34.10 | 1.368 | 1.187 | 1.579 |
| IHD | 55 | 34.20 | 1.369 | 1.187 | 1.58  |
| IHD | 55 | 34.30 | 1.37  | 1.188 | 1.581 |
| IHD | 55 | 34.40 | 1.371 | 1.189 | 1.582 |
| IHD | 55 | 34.50 | 1.372 | 1.189 | 1.583 |
| IHD | 55 | 34.60 | 1.373 | 1.19  | 1.584 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 34.70 | 1.374 | 1.191 | 1.585 |
| IHD | 55 | 34.80 | 1.375 | 1.191 | 1.585 |
| IHD | 55 | 34.90 | 1.376 | 1.192 | 1.586 |
| IHD | 55 | 35.00 | 1.376 | 1.193 | 1.587 |
| IHD | 55 | 35.10 | 1.377 | 1.193 | 1.588 |
| IHD | 55 | 35.20 | 1.378 | 1.194 | 1.589 |
| IHD | 55 | 35.30 | 1.379 | 1.195 | 1.59  |
| IHD | 55 | 35.40 | 1.38  | 1.195 | 1.592 |
| IHD | 55 | 35.50 | 1.381 | 1.196 | 1.593 |
| IHD | 55 | 35.60 | 1.382 | 1.197 | 1.594 |
| IHD | 55 | 35.70 | 1.383 | 1.197 | 1.595 |
| IHD | 55 | 35.80 | 1.383 | 1.198 | 1.596 |
| IHD | 55 | 35.90 | 1.384 | 1.199 | 1.597 |
| IHD | 55 | 36.00 | 1.385 | 1.199 | 1.598 |
| IHD | 55 | 36.10 | 1.386 | 1.2   | 1.599 |
| IHD | 55 | 36.20 | 1.387 | 1.201 | 1.6   |
| IHD | 55 | 36.30 | 1.388 | 1.201 | 1.601 |
| IHD | 55 | 36.40 | 1.389 | 1.202 | 1.602 |
| IHD | 55 | 36.50 | 1.389 | 1.203 | 1.603 |
| IHD | 55 | 36.60 | 1.39  | 1.204 | 1.604 |
| IHD | 55 | 36.70 | 1.391 | 1.204 | 1.604 |
| IHD | 55 | 36.80 | 1.392 | 1.205 | 1.605 |
| IHD | 55 | 36.90 | 1.393 | 1.206 | 1.606 |
| IHD | 55 | 37.00 | 1.394 | 1.207 | 1.607 |
| IHD | 55 | 37.10 | 1.395 | 1.207 | 1.608 |
| IHD | 55 | 37.20 | 1.395 | 1.208 | 1.608 |
| IHD | 55 | 37.30 | 1.396 | 1.209 | 1.609 |
| IHD | 55 | 37.40 | 1.397 | 1.209 | 1.61  |
| IHD | 55 | 37.50 | 1.398 | 1.21  | 1.61  |
| IHD | 55 | 37.60 | 1.399 | 1.211 | 1.611 |
| IHD | 55 | 37.70 | 1.4   | 1.211 | 1.611 |
| IHD | 55 | 37.80 | 1.4   | 1.212 | 1.612 |
| IHD | 55 | 37.90 | 1.401 | 1.212 | 1.613 |
| IHD | 55 | 38.00 | 1.402 | 1.213 | 1.613 |
| IHD | 55 | 38.10 | 1.403 | 1.214 | 1.614 |
| IHD | 55 | 38.20 | 1.404 | 1.214 | 1.615 |
| IHD | 55 | 38.30 | 1.404 | 1.215 | 1.616 |
| IHD | 55 | 38.40 | 1.405 | 1.216 | 1.617 |
| IHD | 55 | 38.50 | 1.406 | 1.216 | 1.618 |
| IHD | 55 | 38.60 | 1.407 | 1.217 | 1.618 |
| IHD | 55 | 38.70 | 1.408 | 1.218 | 1.619 |
| IHD | 55 | 38.80 | 1.409 | 1.218 | 1.62  |
| IHD | 55 | 38.90 | 1.409 | 1.219 | 1.621 |
| IHD | 55 | 39.00 | 1.41  | 1.22  | 1.622 |
| IHD | 55 | 39.10 | 1.411 | 1.22  | 1.623 |
| IHD | 55 | 39.20 | 1.412 | 1.221 | 1.623 |
| IHD | 55 | 39.30 | 1.413 | 1.221 | 1.624 |
| IHD | 55 | 39.40 | 1.413 | 1.222 | 1.625 |
| IHD | 55 | 39.50 | 1.414 | 1.223 | 1.626 |
| IHD | 55 | 39.60 | 1.415 | 1.223 | 1.627 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 39.70 | 1.416 | 1.224 | 1.628 |
| IHD | 55 | 39.80 | 1.417 | 1.225 | 1.628 |
| IHD | 55 | 39.90 | 1.417 | 1.225 | 1.629 |
| IHD | 55 | 40.00 | 1.418 | 1.226 | 1.63  |
| IHD | 55 | 40.10 | 1.419 | 1.226 | 1.631 |
| IHD | 55 | 40.20 | 1.42  | 1.227 | 1.632 |
| IHD | 55 | 40.30 | 1.42  | 1.228 | 1.632 |
| IHD | 55 | 40.40 | 1.421 | 1.228 | 1.633 |
| IHD | 55 | 40.50 | 1.422 | 1.229 | 1.634 |
| IHD | 55 | 40.60 | 1.423 | 1.23  | 1.635 |
| IHD | 55 | 40.70 | 1.424 | 1.23  | 1.636 |
| IHD | 55 | 40.80 | 1.424 | 1.231 | 1.636 |
| IHD | 55 | 40.90 | 1.425 | 1.231 | 1.637 |
| IHD | 55 | 41.00 | 1.426 | 1.232 | 1.638 |
| IHD | 55 | 41.10 | 1.427 | 1.233 | 1.639 |
| IHD | 55 | 41.20 | 1.427 | 1.233 | 1.64  |
| IHD | 55 | 41.30 | 1.428 | 1.234 | 1.64  |
| IHD | 55 | 41.40 | 1.429 | 1.234 | 1.641 |
| IHD | 55 | 41.50 | 1.43  | 1.235 | 1.642 |
| IHD | 55 | 41.60 | 1.431 | 1.236 | 1.643 |
| IHD | 55 | 41.70 | 1.431 | 1.236 | 1.643 |
| IHD | 55 | 41.80 | 1.432 | 1.237 | 1.644 |
| IHD | 55 | 41.90 | 1.433 | 1.237 | 1.645 |
| IHD | 55 | 42.00 | 1.434 | 1.238 | 1.646 |
| IHD | 55 | 42.10 | 1.434 | 1.239 | 1.646 |
| IHD | 55 | 42.20 | 1.435 | 1.239 | 1.647 |
| IHD | 55 | 42.30 | 1.436 | 1.24  | 1.648 |
| IHD | 55 | 42.40 | 1.437 | 1.24  | 1.649 |
| IHD | 55 | 42.50 | 1.437 | 1.241 | 1.649 |
| IHD | 55 | 42.60 | 1.438 | 1.242 | 1.65  |
| IHD | 55 | 42.70 | 1.439 | 1.242 | 1.651 |
| IHD | 55 | 42.80 | 1.44  | 1.243 | 1.651 |
| IHD | 55 | 42.90 | 1.44  | 1.243 | 1.652 |
| IHD | 55 | 43.00 | 1.441 | 1.244 | 1.653 |
| IHD | 55 | 43.10 | 1.442 | 1.245 | 1.654 |
| IHD | 55 | 43.20 | 1.443 | 1.245 | 1.654 |
| IHD | 55 | 43.30 | 1.443 | 1.246 | 1.655 |
| IHD | 55 | 43.40 | 1.444 | 1.246 | 1.655 |
| IHD | 55 | 43.50 | 1.445 | 1.247 | 1.656 |
| IHD | 55 | 43.60 | 1.445 | 1.248 | 1.657 |
| IHD | 55 | 43.70 | 1.446 | 1.248 | 1.657 |
| IHD | 55 | 43.80 | 1.447 | 1.249 | 1.658 |
| IHD | 55 | 43.90 | 1.448 | 1.25  | 1.659 |
| IHD | 55 | 44.00 | 1.448 | 1.25  | 1.659 |
| IHD | 55 | 44.10 | 1.449 | 1.251 | 1.66  |
| IHD | 55 | 44.20 | 1.45  | 1.252 | 1.661 |
| IHD | 55 | 44.30 | 1.451 | 1.253 | 1.661 |
| IHD | 55 | 44.40 | 1.451 | 1.253 | 1.662 |
| IHD | 55 | 44.50 | 1.452 | 1.254 | 1.663 |
| IHD | 55 | 44.60 | 1.453 | 1.255 | 1.664 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 44.70 | 1.453 | 1.256 | 1.664 |
| IHD | 55 | 44.80 | 1.454 | 1.256 | 1.665 |
| IHD | 55 | 44.90 | 1.455 | 1.257 | 1.666 |
| IHD | 55 | 45.00 | 1.456 | 1.258 | 1.666 |
| IHD | 55 | 45.10 | 1.456 | 1.259 | 1.667 |
| IHD | 55 | 45.20 | 1.457 | 1.26  | 1.668 |
| IHD | 55 | 45.30 | 1.458 | 1.26  | 1.669 |
| IHD | 55 | 45.40 | 1.458 | 1.261 | 1.669 |
| IHD | 55 | 45.50 | 1.459 | 1.262 | 1.67  |
| IHD | 55 | 45.60 | 1.46  | 1.263 | 1.671 |
| IHD | 55 | 45.70 | 1.46  | 1.264 | 1.672 |
| IHD | 55 | 45.80 | 1.461 | 1.264 | 1.673 |
| IHD | 55 | 45.90 | 1.462 | 1.265 | 1.673 |
| IHD | 55 | 46.00 | 1.463 | 1.266 | 1.674 |
| IHD | 55 | 46.10 | 1.463 | 1.267 | 1.675 |
| IHD | 55 | 46.20 | 1.464 | 1.267 | 1.675 |
| IHD | 55 | 46.30 | 1.465 | 1.268 | 1.676 |
| IHD | 55 | 46.40 | 1.465 | 1.269 | 1.677 |
| IHD | 55 | 46.50 | 1.466 | 1.269 | 1.678 |
| IHD | 55 | 46.60 | 1.467 | 1.27  | 1.678 |
| IHD | 55 | 46.70 | 1.467 | 1.271 | 1.679 |
| IHD | 55 | 46.80 | 1.468 | 1.271 | 1.68  |
| IHD | 55 | 46.90 | 1.469 | 1.272 | 1.68  |
| IHD | 55 | 47.00 | 1.469 | 1.273 | 1.681 |
| IHD | 55 | 47.10 | 1.47  | 1.273 | 1.682 |
| IHD | 55 | 47.20 | 1.471 | 1.274 | 1.682 |
| IHD | 55 | 47.30 | 1.471 | 1.275 | 1.683 |
| IHD | 55 | 47.40 | 1.472 | 1.276 | 1.684 |
| IHD | 55 | 47.50 | 1.473 | 1.276 | 1.684 |
| IHD | 55 | 47.60 | 1.473 | 1.277 | 1.685 |
| IHD | 55 | 47.70 | 1.474 | 1.278 | 1.685 |
| IHD | 55 | 47.80 | 1.475 | 1.279 | 1.686 |
| IHD | 55 | 47.90 | 1.475 | 1.279 | 1.687 |
| IHD | 55 | 48.00 | 1.476 | 1.28  | 1.687 |
| IHD | 55 | 48.10 | 1.477 | 1.281 | 1.688 |
| IHD | 55 | 48.20 | 1.477 | 1.282 | 1.689 |
| IHD | 55 | 48.30 | 1.478 | 1.282 | 1.689 |
| IHD | 55 | 48.40 | 1.479 | 1.283 | 1.69  |
| IHD | 55 | 48.50 | 1.479 | 1.284 | 1.69  |
| IHD | 55 | 48.60 | 1.48  | 1.285 | 1.691 |
| IHD | 55 | 48.70 | 1.481 | 1.285 | 1.692 |
| IHD | 55 | 48.80 | 1.481 | 1.286 | 1.692 |
| IHD | 55 | 48.90 | 1.482 | 1.287 | 1.693 |
| IHD | 55 | 49.00 | 1.483 | 1.288 | 1.693 |
| IHD | 55 | 49.10 | 1.483 | 1.288 | 1.694 |
| IHD | 55 | 49.20 | 1.484 | 1.288 | 1.695 |
| IHD | 55 | 49.30 | 1.485 | 1.289 | 1.695 |
| IHD | 55 | 49.40 | 1.485 | 1.289 | 1.696 |
| IHD | 55 | 49.50 | 1.486 | 1.29  | 1.697 |
| IHD | 55 | 49.60 | 1.487 | 1.29  | 1.697 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 55 | 49.70 | 1.487 | 1.291 | 1.698 |
| IHD | 55 | 49.80 | 1.488 | 1.291 | 1.698 |
| IHD | 55 | 49.90 | 1.489 | 1.291 | 1.699 |
| IHD | 60 | 0.00  | 1     | 1     | 1     |
| IHD | 60 | 0.10  | 1     | 1     | 1     |
| IHD | 60 | 0.20  | 1     | 1     | 1     |
| IHD | 60 | 0.30  | 1     | 1     | 1     |
| IHD | 60 | 0.40  | 1     | 1     | 1     |
| IHD | 60 | 0.50  | 1     | 1     | 1     |
| IHD | 60 | 0.60  | 1     | 1     | 1     |
| IHD | 60 | 0.70  | 1     | 1     | 1     |
| IHD | 60 | 0.80  | 1     | 1     | 1     |
| IHD | 60 | 0.90  | 1     | 1     | 1     |
| IHD | 60 | 1.00  | 1     | 1     | 1     |
| IHD | 60 | 1.10  | 1     | 1     | 1     |
| IHD | 60 | 1.20  | 1     | 1     | 1     |
| IHD | 60 | 1.30  | 1     | 1     | 1.001 |
| IHD | 60 | 1.40  | 1     | 1     | 1.003 |
| IHD | 60 | 1.50  | 1     | 1     | 1.006 |
| IHD | 60 | 1.60  | 1.001 | 1     | 1.009 |
| IHD | 60 | 1.70  | 1.001 | 1     | 1.011 |
| IHD | 60 | 1.80  | 1.001 | 1     | 1.014 |
| IHD | 60 | 1.90  | 1.002 | 1     | 1.017 |
| IHD | 60 | 2.00  | 1.002 | 1     | 1.019 |
| IHD | 60 | 2.10  | 1.003 | 1     | 1.022 |
| IHD | 60 | 2.20  | 1.003 | 1     | 1.025 |
| IHD | 60 | 2.30  | 1.004 | 1     | 1.028 |
| IHD | 60 | 2.40  | 1.005 | 1     | 1.031 |
| IHD | 60 | 2.50  | 1.006 | 1     | 1.034 |
| IHD | 60 | 2.60  | 1.007 | 1     | 1.036 |
| IHD | 60 | 2.70  | 1.008 | 1     | 1.039 |
| IHD | 60 | 2.80  | 1.009 | 1     | 1.042 |
| IHD | 60 | 2.90  | 1.01  | 1     | 1.044 |
| IHD | 60 | 3.00  | 1.011 | 1     | 1.046 |
| IHD | 60 | 3.10  | 1.012 | 1     | 1.049 |
| IHD | 60 | 3.20  | 1.013 | 1     | 1.051 |
| IHD | 60 | 3.30  | 1.015 | 1     | 1.054 |
| IHD | 60 | 3.40  | 1.016 | 1     | 1.057 |
| IHD | 60 | 3.50  | 1.017 | 1     | 1.06  |
| IHD | 60 | 3.60  | 1.019 | 1     | 1.062 |
| IHD | 60 | 3.70  | 1.02  | 1     | 1.065 |
| IHD | 60 | 3.80  | 1.021 | 1     | 1.067 |
| IHD | 60 | 3.90  | 1.023 | 1     | 1.069 |
| IHD | 60 | 4.00  | 1.024 | 1     | 1.072 |
| IHD | 60 | 4.10  | 1.026 | 1     | 1.074 |
| IHD | 60 | 4.20  | 1.027 | 1     | 1.077 |
| IHD | 60 | 4.30  | 1.029 | 1     | 1.079 |
| IHD | 60 | 4.40  | 1.03  | 1     | 1.082 |
| IHD | 60 | 4.50  | 1.032 | 1     | 1.084 |
| IHD | 60 | 4.60  | 1.033 | 1     | 1.087 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 60 | 4.70 | 1.035 | 1     | 1.089 |
| IHD | 60 | 4.80 | 1.036 | 1     | 1.091 |
| IHD | 60 | 4.90 | 1.038 | 1     | 1.094 |
| IHD | 60 | 5.00 | 1.039 | 1     | 1.096 |
| IHD | 60 | 5.10 | 1.041 | 1     | 1.098 |
| IHD | 60 | 5.20 | 1.043 | 1     | 1.101 |
| IHD | 60 | 5.30 | 1.044 | 1     | 1.104 |
| IHD | 60 | 5.40 | 1.046 | 1     | 1.106 |
| IHD | 60 | 5.50 | 1.047 | 1     | 1.109 |
| IHD | 60 | 5.60 | 1.049 | 1     | 1.111 |
| IHD | 60 | 5.70 | 1.05  | 1     | 1.114 |
| IHD | 60 | 5.80 | 1.052 | 1     | 1.117 |
| IHD | 60 | 5.90 | 1.054 | 1.001 | 1.119 |
| IHD | 60 | 6.00 | 1.055 | 1.001 | 1.122 |
| IHD | 60 | 6.10 | 1.057 | 1.002 | 1.124 |
| IHD | 60 | 6.20 | 1.058 | 1.003 | 1.127 |
| IHD | 60 | 6.30 | 1.06  | 1.004 | 1.129 |
| IHD | 60 | 6.40 | 1.061 | 1.005 | 1.132 |
| IHD | 60 | 6.50 | 1.063 | 1.006 | 1.134 |
| IHD | 60 | 6.60 | 1.064 | 1.007 | 1.137 |
| IHD | 60 | 6.70 | 1.066 | 1.008 | 1.139 |
| IHD | 60 | 6.80 | 1.068 | 1.009 | 1.142 |
| IHD | 60 | 6.90 | 1.069 | 1.01  | 1.144 |
| IHD | 60 | 7.00 | 1.071 | 1.011 | 1.146 |
| IHD | 60 | 7.10 | 1.072 | 1.012 | 1.149 |
| IHD | 60 | 7.20 | 1.074 | 1.013 | 1.151 |
| IHD | 60 | 7.30 | 1.075 | 1.013 | 1.154 |
| IHD | 60 | 7.40 | 1.077 | 1.014 | 1.156 |
| IHD | 60 | 7.50 | 1.078 | 1.015 | 1.159 |
| IHD | 60 | 7.60 | 1.08  | 1.016 | 1.161 |
| IHD | 60 | 7.70 | 1.081 | 1.017 | 1.163 |
| IHD | 60 | 7.80 | 1.083 | 1.018 | 1.166 |
| IHD | 60 | 7.90 | 1.084 | 1.018 | 1.168 |
| IHD | 60 | 8.00 | 1.086 | 1.019 | 1.17  |
| IHD | 60 | 8.10 | 1.088 | 1.02  | 1.173 |
| IHD | 60 | 8.20 | 1.089 | 1.021 | 1.175 |
| IHD | 60 | 8.30 | 1.091 | 1.022 | 1.177 |
| IHD | 60 | 8.40 | 1.092 | 1.023 | 1.18  |
| IHD | 60 | 8.50 | 1.094 | 1.024 | 1.182 |
| IHD | 60 | 8.60 | 1.095 | 1.025 | 1.184 |
| IHD | 60 | 8.70 | 1.097 | 1.026 | 1.187 |
| IHD | 60 | 8.80 | 1.098 | 1.027 | 1.189 |
| IHD | 60 | 8.90 | 1.1   | 1.028 | 1.191 |
| IHD | 60 | 9.00 | 1.101 | 1.028 | 1.194 |
| IHD | 60 | 9.10 | 1.103 | 1.029 | 1.196 |
| IHD | 60 | 9.20 | 1.104 | 1.03  | 1.198 |
| IHD | 60 | 9.30 | 1.105 | 1.031 | 1.2   |
| IHD | 60 | 9.40 | 1.107 | 1.032 | 1.203 |
| IHD | 60 | 9.50 | 1.108 | 1.033 | 1.205 |
| IHD | 60 | 9.60 | 1.11  | 1.034 | 1.207 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 9.70  | 1.111 | 1.035 | 1.209 |
| IHD | 60 | 9.80  | 1.113 | 1.036 | 1.212 |
| IHD | 60 | 9.90  | 1.114 | 1.036 | 1.214 |
| IHD | 60 | 10.00 | 1.116 | 1.037 | 1.216 |
| IHD | 60 | 10.10 | 1.117 | 1.038 | 1.218 |
| IHD | 60 | 10.20 | 1.119 | 1.039 | 1.22  |
| IHD | 60 | 10.30 | 1.12  | 1.04  | 1.222 |
| IHD | 60 | 10.40 | 1.121 | 1.041 | 1.225 |
| IHD | 60 | 10.50 | 1.123 | 1.042 | 1.227 |
| IHD | 60 | 10.60 | 1.124 | 1.043 | 1.229 |
| IHD | 60 | 10.70 | 1.126 | 1.044 | 1.231 |
| IHD | 60 | 10.80 | 1.127 | 1.045 | 1.233 |
| IHD | 60 | 10.90 | 1.129 | 1.046 | 1.235 |
| IHD | 60 | 11.00 | 1.13  | 1.047 | 1.238 |
| IHD | 60 | 11.10 | 1.132 | 1.047 | 1.24  |
| IHD | 60 | 11.20 | 1.133 | 1.048 | 1.242 |
| IHD | 60 | 11.30 | 1.134 | 1.049 | 1.244 |
| IHD | 60 | 11.40 | 1.136 | 1.05  | 1.246 |
| IHD | 60 | 11.50 | 1.137 | 1.051 | 1.248 |
| IHD | 60 | 11.60 | 1.139 | 1.052 | 1.25  |
| IHD | 60 | 11.70 | 1.14  | 1.053 | 1.252 |
| IHD | 60 | 11.80 | 1.141 | 1.054 | 1.254 |
| IHD | 60 | 11.90 | 1.143 | 1.055 | 1.256 |
| IHD | 60 | 12.00 | 1.144 | 1.056 | 1.258 |
| IHD | 60 | 12.10 | 1.146 | 1.056 | 1.26  |
| IHD | 60 | 12.20 | 1.147 | 1.057 | 1.262 |
| IHD | 60 | 12.30 | 1.148 | 1.058 | 1.264 |
| IHD | 60 | 12.40 | 1.15  | 1.059 | 1.266 |
| IHD | 60 | 12.50 | 1.151 | 1.06  | 1.268 |
| IHD | 60 | 12.60 | 1.152 | 1.061 | 1.27  |
| IHD | 60 | 12.70 | 1.154 | 1.062 | 1.271 |
| IHD | 60 | 12.80 | 1.155 | 1.063 | 1.273 |
| IHD | 60 | 12.90 | 1.157 | 1.064 | 1.275 |
| IHD | 60 | 13.00 | 1.158 | 1.065 | 1.277 |
| IHD | 60 | 13.10 | 1.159 | 1.065 | 1.279 |
| IHD | 60 | 13.20 | 1.161 | 1.066 | 1.281 |
| IHD | 60 | 13.30 | 1.162 | 1.067 | 1.283 |
| IHD | 60 | 13.40 | 1.163 | 1.068 | 1.285 |
| IHD | 60 | 13.50 | 1.165 | 1.069 | 1.287 |
| IHD | 60 | 13.60 | 1.166 | 1.069 | 1.288 |
| IHD | 60 | 13.70 | 1.167 | 1.07  | 1.29  |
| IHD | 60 | 13.80 | 1.169 | 1.071 | 1.292 |
| IHD | 60 | 13.90 | 1.17  | 1.072 | 1.294 |
| IHD | 60 | 14.00 | 1.171 | 1.072 | 1.296 |
| IHD | 60 | 14.10 | 1.173 | 1.073 | 1.298 |
| IHD | 60 | 14.20 | 1.174 | 1.074 | 1.3   |
| IHD | 60 | 14.30 | 1.175 | 1.075 | 1.301 |
| IHD | 60 | 14.40 | 1.177 | 1.076 | 1.303 |
| IHD | 60 | 14.50 | 1.178 | 1.077 | 1.305 |
| IHD | 60 | 14.60 | 1.179 | 1.078 | 1.307 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 14.70 | 1.181 | 1.078 | 1.309 |
| IHD | 60 | 14.80 | 1.182 | 1.079 | 1.31  |
| IHD | 60 | 14.90 | 1.183 | 1.08  | 1.312 |
| IHD | 60 | 15.00 | 1.185 | 1.081 | 1.314 |
| IHD | 60 | 15.10 | 1.186 | 1.082 | 1.316 |
| IHD | 60 | 15.20 | 1.187 | 1.083 | 1.318 |
| IHD | 60 | 15.30 | 1.188 | 1.084 | 1.319 |
| IHD | 60 | 15.40 | 1.19  | 1.085 | 1.321 |
| IHD | 60 | 15.50 | 1.191 | 1.085 | 1.323 |
| IHD | 60 | 15.60 | 1.192 | 1.086 | 1.325 |
| IHD | 60 | 15.70 | 1.194 | 1.087 | 1.327 |
| IHD | 60 | 15.80 | 1.195 | 1.088 | 1.328 |
| IHD | 60 | 15.90 | 1.196 | 1.089 | 1.33  |
| IHD | 60 | 16.00 | 1.197 | 1.09  | 1.332 |
| IHD | 60 | 16.10 | 1.199 | 1.091 | 1.334 |
| IHD | 60 | 16.20 | 1.2   | 1.091 | 1.336 |
| IHD | 60 | 16.30 | 1.201 | 1.092 | 1.338 |
| IHD | 60 | 16.40 | 1.202 | 1.093 | 1.339 |
| IHD | 60 | 16.50 | 1.204 | 1.094 | 1.341 |
| IHD | 60 | 16.60 | 1.205 | 1.095 | 1.343 |
| IHD | 60 | 16.70 | 1.206 | 1.095 | 1.345 |
| IHD | 60 | 16.80 | 1.207 | 1.096 | 1.347 |
| IHD | 60 | 16.90 | 1.209 | 1.097 | 1.349 |
| IHD | 60 | 17.00 | 1.21  | 1.098 | 1.35  |
| IHD | 60 | 17.10 | 1.211 | 1.099 | 1.352 |
| IHD | 60 | 17.20 | 1.212 | 1.099 | 1.353 |
| IHD | 60 | 17.30 | 1.214 | 1.1   | 1.355 |
| IHD | 60 | 17.40 | 1.215 | 1.101 | 1.357 |
| IHD | 60 | 17.50 | 1.216 | 1.102 | 1.358 |
| IHD | 60 | 17.60 | 1.217 | 1.103 | 1.36  |
| IHD | 60 | 17.70 | 1.219 | 1.103 | 1.361 |
| IHD | 60 | 17.80 | 1.22  | 1.104 | 1.363 |
| IHD | 60 | 17.90 | 1.221 | 1.105 | 1.364 |
| IHD | 60 | 18.00 | 1.222 | 1.106 | 1.366 |
| IHD | 60 | 18.10 | 1.223 | 1.107 | 1.368 |
| IHD | 60 | 18.20 | 1.225 | 1.107 | 1.369 |
| IHD | 60 | 18.30 | 1.226 | 1.108 | 1.371 |
| IHD | 60 | 18.40 | 1.227 | 1.109 | 1.372 |
| IHD | 60 | 18.50 | 1.228 | 1.11  | 1.374 |
| IHD | 60 | 18.60 | 1.229 | 1.111 | 1.375 |
| IHD | 60 | 18.70 | 1.231 | 1.111 | 1.377 |
| IHD | 60 | 18.80 | 1.232 | 1.112 | 1.378 |
| IHD | 60 | 18.90 | 1.233 | 1.113 | 1.38  |
| IHD | 60 | 19.00 | 1.234 | 1.114 | 1.381 |
| IHD | 60 | 19.10 | 1.235 | 1.114 | 1.383 |
| IHD | 60 | 19.20 | 1.237 | 1.115 | 1.384 |
| IHD | 60 | 19.30 | 1.238 | 1.116 | 1.386 |
| IHD | 60 | 19.40 | 1.239 | 1.117 | 1.387 |
| IHD | 60 | 19.50 | 1.24  | 1.118 | 1.389 |
| IHD | 60 | 19.60 | 1.241 | 1.118 | 1.39  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 19.70 | 1.242 | 1.119 | 1.392 |
| IHD | 60 | 19.80 | 1.244 | 1.12  | 1.393 |
| IHD | 60 | 19.90 | 1.245 | 1.121 | 1.395 |
| IHD | 60 | 20.00 | 1.246 | 1.121 | 1.396 |
| IHD | 60 | 20.10 | 1.247 | 1.122 | 1.398 |
| IHD | 60 | 20.20 | 1.248 | 1.123 | 1.399 |
| IHD | 60 | 20.30 | 1.249 | 1.124 | 1.401 |
| IHD | 60 | 20.40 | 1.251 | 1.124 | 1.402 |
| IHD | 60 | 20.50 | 1.252 | 1.125 | 1.404 |
| IHD | 60 | 20.60 | 1.253 | 1.126 | 1.405 |
| IHD | 60 | 20.70 | 1.254 | 1.127 | 1.407 |
| IHD | 60 | 20.80 | 1.255 | 1.128 | 1.408 |
| IHD | 60 | 20.90 | 1.256 | 1.128 | 1.41  |
| IHD | 60 | 21.00 | 1.257 | 1.129 | 1.411 |
| IHD | 60 | 21.10 | 1.259 | 1.13  | 1.413 |
| IHD | 60 | 21.20 | 1.26  | 1.131 | 1.414 |
| IHD | 60 | 21.30 | 1.261 | 1.131 | 1.416 |
| IHD | 60 | 21.40 | 1.262 | 1.132 | 1.417 |
| IHD | 60 | 21.50 | 1.263 | 1.133 | 1.419 |
| IHD | 60 | 21.60 | 1.264 | 1.134 | 1.42  |
| IHD | 60 | 21.70 | 1.265 | 1.135 | 1.422 |
| IHD | 60 | 21.80 | 1.266 | 1.136 | 1.423 |
| IHD | 60 | 21.90 | 1.268 | 1.136 | 1.425 |
| IHD | 60 | 22.00 | 1.269 | 1.137 | 1.426 |
| IHD | 60 | 22.10 | 1.27  | 1.138 | 1.428 |
| IHD | 60 | 22.20 | 1.271 | 1.139 | 1.429 |
| IHD | 60 | 22.30 | 1.272 | 1.14  | 1.431 |
| IHD | 60 | 22.40 | 1.273 | 1.141 | 1.432 |
| IHD | 60 | 22.50 | 1.274 | 1.141 | 1.434 |
| IHD | 60 | 22.60 | 1.275 | 1.142 | 1.435 |
| IHD | 60 | 22.70 | 1.276 | 1.143 | 1.437 |
| IHD | 60 | 22.80 | 1.277 | 1.144 | 1.438 |
| IHD | 60 | 22.90 | 1.279 | 1.145 | 1.44  |
| IHD | 60 | 23.00 | 1.28  | 1.146 | 1.441 |
| IHD | 60 | 23.10 | 1.281 | 1.146 | 1.442 |
| IHD | 60 | 23.20 | 1.282 | 1.147 | 1.443 |
| IHD | 60 | 23.30 | 1.283 | 1.148 | 1.445 |
| IHD | 60 | 23.40 | 1.284 | 1.149 | 1.446 |
| IHD | 60 | 23.50 | 1.285 | 1.15  | 1.447 |
| IHD | 60 | 23.60 | 1.286 | 1.15  | 1.448 |
| IHD | 60 | 23.70 | 1.287 | 1.151 | 1.45  |
| IHD | 60 | 23.80 | 1.288 | 1.152 | 1.451 |
| IHD | 60 | 23.90 | 1.289 | 1.153 | 1.452 |
| IHD | 60 | 24.00 | 1.29  | 1.154 | 1.453 |
| IHD | 60 | 24.10 | 1.291 | 1.155 | 1.455 |
| IHD | 60 | 24.20 | 1.292 | 1.155 | 1.456 |
| IHD | 60 | 24.30 | 1.293 | 1.156 | 1.457 |
| IHD | 60 | 24.40 | 1.295 | 1.157 | 1.458 |
| IHD | 60 | 24.50 | 1.296 | 1.158 | 1.46  |
| IHD | 60 | 24.60 | 1.297 | 1.159 | 1.461 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 24.70 | 1.298 | 1.16  | 1.462 |
| IHD | 60 | 24.80 | 1.299 | 1.16  | 1.463 |
| IHD | 60 | 24.90 | 1.3   | 1.161 | 1.465 |
| IHD | 60 | 25.00 | 1.301 | 1.162 | 1.466 |
| IHD | 60 | 25.10 | 1.302 | 1.163 | 1.467 |
| IHD | 60 | 25.20 | 1.303 | 1.164 | 1.469 |
| IHD | 60 | 25.30 | 1.304 | 1.164 | 1.47  |
| IHD | 60 | 25.40 | 1.305 | 1.165 | 1.471 |
| IHD | 60 | 25.50 | 1.306 | 1.166 | 1.472 |
| IHD | 60 | 25.60 | 1.307 | 1.167 | 1.473 |
| IHD | 60 | 25.70 | 1.308 | 1.167 | 1.475 |
| IHD | 60 | 25.80 | 1.309 | 1.168 | 1.476 |
| IHD | 60 | 25.90 | 1.31  | 1.169 | 1.477 |
| IHD | 60 | 26.00 | 1.311 | 1.17  | 1.478 |
| IHD | 60 | 26.10 | 1.312 | 1.17  | 1.479 |
| IHD | 60 | 26.20 | 1.313 | 1.171 | 1.481 |
| IHD | 60 | 26.30 | 1.314 | 1.172 | 1.482 |
| IHD | 60 | 26.40 | 1.315 | 1.172 | 1.483 |
| IHD | 60 | 26.50 | 1.316 | 1.173 | 1.484 |
| IHD | 60 | 26.60 | 1.317 | 1.174 | 1.485 |
| IHD | 60 | 26.70 | 1.318 | 1.175 | 1.486 |
| IHD | 60 | 26.80 | 1.319 | 1.175 | 1.487 |
| IHD | 60 | 26.90 | 1.32  | 1.176 | 1.488 |
| IHD | 60 | 27.00 | 1.321 | 1.177 | 1.49  |
| IHD | 60 | 27.10 | 1.322 | 1.177 | 1.491 |
| IHD | 60 | 27.20 | 1.323 | 1.178 | 1.492 |
| IHD | 60 | 27.30 | 1.324 | 1.179 | 1.493 |
| IHD | 60 | 27.40 | 1.325 | 1.179 | 1.494 |
| IHD | 60 | 27.50 | 1.326 | 1.18  | 1.495 |
| IHD | 60 | 27.60 | 1.327 | 1.181 | 1.497 |
| IHD | 60 | 27.70 | 1.328 | 1.181 | 1.498 |
| IHD | 60 | 27.80 | 1.329 | 1.182 | 1.499 |
| IHD | 60 | 27.90 | 1.33  | 1.183 | 1.5   |
| IHD | 60 | 28.00 | 1.331 | 1.183 | 1.501 |
| IHD | 60 | 28.10 | 1.332 | 1.184 | 1.502 |
| IHD | 60 | 28.20 | 1.333 | 1.185 | 1.504 |
| IHD | 60 | 28.30 | 1.334 | 1.185 | 1.505 |
| IHD | 60 | 28.40 | 1.335 | 1.186 | 1.506 |
| IHD | 60 | 28.50 | 1.335 | 1.186 | 1.507 |
| IHD | 60 | 28.60 | 1.336 | 1.187 | 1.508 |
| IHD | 60 | 28.70 | 1.337 | 1.188 | 1.509 |
| IHD | 60 | 28.80 | 1.338 | 1.188 | 1.51  |
| IHD | 60 | 28.90 | 1.339 | 1.189 | 1.511 |
| IHD | 60 | 29.00 | 1.34  | 1.19  | 1.512 |
| IHD | 60 | 29.10 | 1.341 | 1.19  | 1.513 |
| IHD | 60 | 29.20 | 1.342 | 1.191 | 1.514 |
| IHD | 60 | 29.30 | 1.343 | 1.191 | 1.515 |
| IHD | 60 | 29.40 | 1.344 | 1.192 | 1.516 |
| IHD | 60 | 29.50 | 1.345 | 1.192 | 1.517 |
| IHD | 60 | 29.60 | 1.346 | 1.193 | 1.518 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 29.70 | 1.347 | 1.194 | 1.519 |
| IHD | 60 | 29.80 | 1.348 | 1.194 | 1.52  |
| IHD | 60 | 29.90 | 1.349 | 1.195 | 1.521 |
| IHD | 60 | 30.00 | 1.35  | 1.195 | 1.522 |
| IHD | 60 | 30.10 | 1.35  | 1.196 | 1.523 |
| IHD | 60 | 30.20 | 1.351 | 1.197 | 1.524 |
| IHD | 60 | 30.30 | 1.352 | 1.197 | 1.525 |
| IHD | 60 | 30.40 | 1.353 | 1.198 | 1.526 |
| IHD | 60 | 30.50 | 1.354 | 1.198 | 1.527 |
| IHD | 60 | 30.60 | 1.355 | 1.199 | 1.528 |
| IHD | 60 | 30.70 | 1.356 | 1.2   | 1.529 |
| IHD | 60 | 30.80 | 1.357 | 1.2   | 1.53  |
| IHD | 60 | 30.90 | 1.358 | 1.201 | 1.531 |
| IHD | 60 | 31.00 | 1.359 | 1.201 | 1.532 |
| IHD | 60 | 31.10 | 1.36  | 1.202 | 1.533 |
| IHD | 60 | 31.20 | 1.36  | 1.203 | 1.534 |
| IHD | 60 | 31.30 | 1.361 | 1.203 | 1.535 |
| IHD | 60 | 31.40 | 1.362 | 1.204 | 1.536 |
| IHD | 60 | 31.50 | 1.363 | 1.204 | 1.537 |
| IHD | 60 | 31.60 | 1.364 | 1.205 | 1.538 |
| IHD | 60 | 31.70 | 1.365 | 1.206 | 1.539 |
| IHD | 60 | 31.80 | 1.366 | 1.206 | 1.54  |
| IHD | 60 | 31.90 | 1.367 | 1.207 | 1.54  |
| IHD | 60 | 32.00 | 1.368 | 1.207 | 1.541 |
| IHD | 60 | 32.10 | 1.368 | 1.208 | 1.542 |
| IHD | 60 | 32.20 | 1.369 | 1.209 | 1.543 |
| IHD | 60 | 32.30 | 1.37  | 1.21  | 1.544 |
| IHD | 60 | 32.40 | 1.371 | 1.21  | 1.545 |
| IHD | 60 | 32.50 | 1.372 | 1.211 | 1.546 |
| IHD | 60 | 32.60 | 1.373 | 1.212 | 1.547 |
| IHD | 60 | 32.70 | 1.374 | 1.213 | 1.548 |
| IHD | 60 | 32.80 | 1.374 | 1.213 | 1.549 |
| IHD | 60 | 32.90 | 1.375 | 1.214 | 1.549 |
| IHD | 60 | 33.00 | 1.376 | 1.215 | 1.55  |
| IHD | 60 | 33.10 | 1.377 | 1.216 | 1.551 |
| IHD | 60 | 33.20 | 1.378 | 1.217 | 1.552 |
| IHD | 60 | 33.30 | 1.379 | 1.217 | 1.553 |
| IHD | 60 | 33.40 | 1.38  | 1.218 | 1.554 |
| IHD | 60 | 33.50 | 1.38  | 1.219 | 1.555 |
| IHD | 60 | 33.60 | 1.381 | 1.22  | 1.555 |
| IHD | 60 | 33.70 | 1.382 | 1.22  | 1.556 |
| IHD | 60 | 33.80 | 1.383 | 1.221 | 1.557 |
| IHD | 60 | 33.90 | 1.384 | 1.222 | 1.558 |
| IHD | 60 | 34.00 | 1.385 | 1.223 | 1.559 |
| IHD | 60 | 34.10 | 1.386 | 1.224 | 1.56  |
| IHD | 60 | 34.20 | 1.386 | 1.224 | 1.56  |
| IHD | 60 | 34.30 | 1.387 | 1.225 | 1.561 |
| IHD | 60 | 34.40 | 1.388 | 1.226 | 1.562 |
| IHD | 60 | 34.50 | 1.389 | 1.227 | 1.563 |
| IHD | 60 | 34.60 | 1.39  | 1.227 | 1.564 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 34.70 | 1.391 | 1.228 | 1.564 |
| IHD | 60 | 34.80 | 1.391 | 1.229 | 1.565 |
| IHD | 60 | 34.90 | 1.392 | 1.23  | 1.566 |
| IHD | 60 | 35.00 | 1.393 | 1.23  | 1.567 |
| IHD | 60 | 35.10 | 1.394 | 1.231 | 1.568 |
| IHD | 60 | 35.20 | 1.395 | 1.232 | 1.568 |
| IHD | 60 | 35.30 | 1.395 | 1.233 | 1.569 |
| IHD | 60 | 35.40 | 1.396 | 1.234 | 1.57  |
| IHD | 60 | 35.50 | 1.397 | 1.234 | 1.571 |
| IHD | 60 | 35.60 | 1.398 | 1.235 | 1.572 |
| IHD | 60 | 35.70 | 1.399 | 1.236 | 1.573 |
| IHD | 60 | 35.80 | 1.399 | 1.237 | 1.574 |
| IHD | 60 | 35.90 | 1.4   | 1.237 | 1.574 |
| IHD | 60 | 36.00 | 1.401 | 1.238 | 1.575 |
| IHD | 60 | 36.10 | 1.402 | 1.239 | 1.576 |
| IHD | 60 | 36.20 | 1.403 | 1.24  | 1.577 |
| IHD | 60 | 36.30 | 1.403 | 1.24  | 1.578 |
| IHD | 60 | 36.40 | 1.404 | 1.241 | 1.579 |
| IHD | 60 | 36.50 | 1.405 | 1.242 | 1.58  |
| IHD | 60 | 36.60 | 1.406 | 1.242 | 1.581 |
| IHD | 60 | 36.70 | 1.407 | 1.243 | 1.582 |
| IHD | 60 | 36.80 | 1.407 | 1.244 | 1.583 |
| IHD | 60 | 36.90 | 1.408 | 1.245 | 1.584 |
| IHD | 60 | 37.00 | 1.409 | 1.245 | 1.585 |
| IHD | 60 | 37.10 | 1.41  | 1.246 | 1.586 |
| IHD | 60 | 37.20 | 1.411 | 1.247 | 1.587 |
| IHD | 60 | 37.30 | 1.411 | 1.247 | 1.588 |
| IHD | 60 | 37.40 | 1.412 | 1.248 | 1.589 |
| IHD | 60 | 37.50 | 1.413 | 1.248 | 1.59  |
| IHD | 60 | 37.60 | 1.414 | 1.249 | 1.591 |
| IHD | 60 | 37.70 | 1.414 | 1.249 | 1.592 |
| IHD | 60 | 37.80 | 1.415 | 1.25  | 1.593 |
| IHD | 60 | 37.90 | 1.416 | 1.25  | 1.594 |
| IHD | 60 | 38.00 | 1.417 | 1.251 | 1.594 |
| IHD | 60 | 38.10 | 1.418 | 1.252 | 1.596 |
| IHD | 60 | 38.20 | 1.418 | 1.252 | 1.597 |
| IHD | 60 | 38.30 | 1.419 | 1.253 | 1.598 |
| IHD | 60 | 38.40 | 1.42  | 1.253 | 1.599 |
| IHD | 60 | 38.50 | 1.421 | 1.254 | 1.6   |
| IHD | 60 | 38.60 | 1.421 | 1.255 | 1.601 |
| IHD | 60 | 38.70 | 1.422 | 1.255 | 1.602 |
| IHD | 60 | 38.80 | 1.423 | 1.256 | 1.603 |
| IHD | 60 | 38.90 | 1.424 | 1.256 | 1.604 |
| IHD | 60 | 39.00 | 1.424 | 1.257 | 1.605 |
| IHD | 60 | 39.10 | 1.425 | 1.258 | 1.606 |
| IHD | 60 | 39.20 | 1.426 | 1.258 | 1.606 |
| IHD | 60 | 39.30 | 1.427 | 1.259 | 1.607 |
| IHD | 60 | 39.40 | 1.427 | 1.26  | 1.608 |
| IHD | 60 | 39.50 | 1.428 | 1.26  | 1.609 |
| IHD | 60 | 39.60 | 1.429 | 1.261 | 1.61  |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 39.70 | 1.43  | 1.262 | 1.61  |
| IHD | 60 | 39.80 | 1.43  | 1.262 | 1.611 |
| IHD | 60 | 39.90 | 1.431 | 1.263 | 1.612 |
| IHD | 60 | 40.00 | 1.432 | 1.264 | 1.613 |
| IHD | 60 | 40.10 | 1.432 | 1.265 | 1.614 |
| IHD | 60 | 40.20 | 1.433 | 1.265 | 1.614 |
| IHD | 60 | 40.30 | 1.434 | 1.266 | 1.615 |
| IHD | 60 | 40.40 | 1.435 | 1.267 | 1.616 |
| IHD | 60 | 40.50 | 1.435 | 1.267 | 1.616 |
| IHD | 60 | 40.60 | 1.436 | 1.268 | 1.617 |
| IHD | 60 | 40.70 | 1.437 | 1.269 | 1.618 |
| IHD | 60 | 40.80 | 1.438 | 1.269 | 1.618 |
| IHD | 60 | 40.90 | 1.438 | 1.27  | 1.619 |
| IHD | 60 | 41.00 | 1.439 | 1.271 | 1.62  |
| IHD | 60 | 41.10 | 1.44  | 1.271 | 1.62  |
| IHD | 60 | 41.20 | 1.44  | 1.272 | 1.621 |
| IHD | 60 | 41.30 | 1.441 | 1.272 | 1.622 |
| IHD | 60 | 41.40 | 1.442 | 1.273 | 1.623 |
| IHD | 60 | 41.50 | 1.443 | 1.273 | 1.623 |
| IHD | 60 | 41.60 | 1.443 | 1.274 | 1.624 |
| IHD | 60 | 41.70 | 1.444 | 1.274 | 1.625 |
| IHD | 60 | 41.80 | 1.445 | 1.275 | 1.626 |
| IHD | 60 | 41.90 | 1.445 | 1.276 | 1.626 |
| IHD | 60 | 42.00 | 1.446 | 1.276 | 1.627 |
| IHD | 60 | 42.10 | 1.447 | 1.277 | 1.628 |
| IHD | 60 | 42.20 | 1.447 | 1.278 | 1.628 |
| IHD | 60 | 42.30 | 1.448 | 1.278 | 1.629 |
| IHD | 60 | 42.40 | 1.449 | 1.279 | 1.63  |
| IHD | 60 | 42.50 | 1.45  | 1.28  | 1.63  |
| IHD | 60 | 42.60 | 1.45  | 1.28  | 1.631 |
| IHD | 60 | 42.70 | 1.451 | 1.281 | 1.632 |
| IHD | 60 | 42.80 | 1.452 | 1.282 | 1.632 |
| IHD | 60 | 42.90 | 1.452 | 1.282 | 1.633 |
| IHD | 60 | 43.00 | 1.453 | 1.283 | 1.634 |
| IHD | 60 | 43.10 | 1.454 | 1.284 | 1.634 |
| IHD | 60 | 43.20 | 1.454 | 1.284 | 1.635 |
| IHD | 60 | 43.30 | 1.455 | 1.285 | 1.635 |
| IHD | 60 | 43.40 | 1.456 | 1.285 | 1.636 |
| IHD | 60 | 43.50 | 1.456 | 1.286 | 1.637 |
| IHD | 60 | 43.60 | 1.457 | 1.286 | 1.637 |
| IHD | 60 | 43.70 | 1.458 | 1.287 | 1.638 |
| IHD | 60 | 43.80 | 1.458 | 1.287 | 1.638 |
| IHD | 60 | 43.90 | 1.459 | 1.288 | 1.639 |
| IHD | 60 | 44.00 | 1.46  | 1.288 | 1.639 |
| IHD | 60 | 44.10 | 1.46  | 1.289 | 1.64  |
| IHD | 60 | 44.20 | 1.461 | 1.289 | 1.64  |
| IHD | 60 | 44.30 | 1.462 | 1.289 | 1.641 |
| IHD | 60 | 44.40 | 1.462 | 1.29  | 1.642 |
| IHD | 60 | 44.50 | 1.463 | 1.29  | 1.642 |
| IHD | 60 | 44.60 | 1.464 | 1.291 | 1.643 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 44.70 | 1.464 | 1.291 | 1.643 |
| IHD | 60 | 44.80 | 1.465 | 1.292 | 1.644 |
| IHD | 60 | 44.90 | 1.466 | 1.292 | 1.645 |
| IHD | 60 | 45.00 | 1.466 | 1.293 | 1.645 |
| IHD | 60 | 45.10 | 1.467 | 1.293 | 1.646 |
| IHD | 60 | 45.20 | 1.468 | 1.294 | 1.647 |
| IHD | 60 | 45.30 | 1.468 | 1.295 | 1.647 |
| IHD | 60 | 45.40 | 1.469 | 1.295 | 1.648 |
| IHD | 60 | 45.50 | 1.47  | 1.296 | 1.648 |
| IHD | 60 | 45.60 | 1.47  | 1.296 | 1.649 |
| IHD | 60 | 45.70 | 1.471 | 1.297 | 1.649 |
| IHD | 60 | 45.80 | 1.472 | 1.297 | 1.65  |
| IHD | 60 | 45.90 | 1.472 | 1.298 | 1.651 |
| IHD | 60 | 46.00 | 1.473 | 1.299 | 1.651 |
| IHD | 60 | 46.10 | 1.474 | 1.299 | 1.652 |
| IHD | 60 | 46.20 | 1.474 | 1.3   | 1.653 |
| IHD | 60 | 46.30 | 1.475 | 1.301 | 1.653 |
| IHD | 60 | 46.40 | 1.476 | 1.302 | 1.654 |
| IHD | 60 | 46.50 | 1.476 | 1.302 | 1.655 |
| IHD | 60 | 46.60 | 1.477 | 1.303 | 1.656 |
| IHD | 60 | 46.70 | 1.477 | 1.304 | 1.656 |
| IHD | 60 | 46.80 | 1.478 | 1.305 | 1.657 |
| IHD | 60 | 46.90 | 1.479 | 1.305 | 1.658 |
| IHD | 60 | 47.00 | 1.479 | 1.306 | 1.658 |
| IHD | 60 | 47.10 | 1.48  | 1.307 | 1.659 |
| IHD | 60 | 47.20 | 1.481 | 1.308 | 1.66  |
| IHD | 60 | 47.30 | 1.481 | 1.308 | 1.66  |
| IHD | 60 | 47.40 | 1.482 | 1.309 | 1.661 |
| IHD | 60 | 47.50 | 1.482 | 1.31  | 1.662 |
| IHD | 60 | 47.60 | 1.483 | 1.311 | 1.662 |
| IHD | 60 | 47.70 | 1.484 | 1.312 | 1.663 |
| IHD | 60 | 47.80 | 1.484 | 1.312 | 1.664 |
| IHD | 60 | 47.90 | 1.485 | 1.313 | 1.664 |
| IHD | 60 | 48.00 | 1.486 | 1.314 | 1.665 |
| IHD | 60 | 48.10 | 1.486 | 1.315 | 1.665 |
| IHD | 60 | 48.20 | 1.487 | 1.315 | 1.666 |
| IHD | 60 | 48.30 | 1.487 | 1.316 | 1.666 |
| IHD | 60 | 48.40 | 1.488 | 1.317 | 1.667 |
| IHD | 60 | 48.50 | 1.489 | 1.318 | 1.667 |
| IHD | 60 | 48.60 | 1.489 | 1.318 | 1.668 |
| IHD | 60 | 48.70 | 1.49  | 1.319 | 1.668 |
| IHD | 60 | 48.80 | 1.49  | 1.32  | 1.669 |
| IHD | 60 | 48.90 | 1.491 | 1.321 | 1.669 |
| IHD | 60 | 49.00 | 1.492 | 1.321 | 1.67  |
| IHD | 60 | 49.10 | 1.492 | 1.322 | 1.67  |
| IHD | 60 | 49.20 | 1.493 | 1.323 | 1.671 |
| IHD | 60 | 49.30 | 1.493 | 1.323 | 1.672 |
| IHD | 60 | 49.40 | 1.494 | 1.324 | 1.672 |
| IHD | 60 | 49.50 | 1.495 | 1.324 | 1.673 |
| IHD | 60 | 49.60 | 1.495 | 1.325 | 1.674 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 60 | 49.70 | 1.496 | 1.326 | 1.674 |
| IHD | 60 | 49.80 | 1.496 | 1.326 | 1.675 |
| IHD | 60 | 49.90 | 1.497 | 1.327 | 1.676 |
| IHD | 65 | 0.00  | 1     | 1     | 1     |
| IHD | 65 | 0.10  | 1     | 1     | 1     |
| IHD | 65 | 0.20  | 1     | 1     | 1     |
| IHD | 65 | 0.30  | 1     | 1     | 1     |
| IHD | 65 | 0.40  | 1     | 1     | 1     |
| IHD | 65 | 0.50  | 1     | 1     | 1     |
| IHD | 65 | 0.60  | 1     | 1     | 1     |
| IHD | 65 | 0.70  | 1     | 1     | 1     |
| IHD | 65 | 0.80  | 1     | 1     | 1     |
| IHD | 65 | 0.90  | 1     | 1     | 1     |
| IHD | 65 | 1.00  | 1     | 1     | 1     |
| IHD | 65 | 1.10  | 1     | 1     | 1     |
| IHD | 65 | 1.20  | 1     | 1     | 1     |
| IHD | 65 | 1.30  | 1     | 1     | 1     |
| IHD | 65 | 1.40  | 1     | 1     | 1     |
| IHD | 65 | 1.50  | 1     | 1     | 1.001 |
| IHD | 65 | 1.60  | 1     | 1     | 1.003 |
| IHD | 65 | 1.70  | 1     | 1     | 1.005 |
| IHD | 65 | 1.80  | 1.001 | 1     | 1.007 |
| IHD | 65 | 1.90  | 1.001 | 1     | 1.009 |
| IHD | 65 | 2.00  | 1.001 | 1     | 1.012 |
| IHD | 65 | 2.10  | 1.001 | 1     | 1.014 |
| IHD | 65 | 2.20  | 1.002 | 1     | 1.016 |
| IHD | 65 | 2.30  | 1.002 | 1     | 1.019 |
| IHD | 65 | 2.40  | 1.002 | 1     | 1.021 |
| IHD | 65 | 2.50  | 1.003 | 1     | 1.024 |
| IHD | 65 | 2.60  | 1.004 | 1     | 1.026 |
| IHD | 65 | 2.70  | 1.004 | 1     | 1.028 |
| IHD | 65 | 2.80  | 1.005 | 1     | 1.03  |
| IHD | 65 | 2.90  | 1.005 | 1     | 1.033 |
| IHD | 65 | 3.00  | 1.006 | 1     | 1.035 |
| IHD | 65 | 3.10  | 1.007 | 1     | 1.038 |
| IHD | 65 | 3.20  | 1.008 | 1     | 1.04  |
| IHD | 65 | 3.30  | 1.009 | 1     | 1.043 |
| IHD | 65 | 3.40  | 1.01  | 1     | 1.045 |
| IHD | 65 | 3.50  | 1.011 | 1     | 1.047 |
| IHD | 65 | 3.60  | 1.012 | 1     | 1.05  |
| IHD | 65 | 3.70  | 1.013 | 1     | 1.053 |
| IHD | 65 | 3.80  | 1.014 | 1     | 1.055 |
| IHD | 65 | 3.90  | 1.015 | 1     | 1.058 |
| IHD | 65 | 4.00  | 1.016 | 1     | 1.06  |
| IHD | 65 | 4.10  | 1.018 | 1     | 1.063 |
| IHD | 65 | 4.20  | 1.019 | 1     | 1.065 |
| IHD | 65 | 4.30  | 1.02  | 1     | 1.067 |
| IHD | 65 | 4.40  | 1.021 | 1     | 1.07  |
| IHD | 65 | 4.50  | 1.023 | 1     | 1.072 |
| IHD | 65 | 4.60  | 1.024 | 1     | 1.074 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 65 | 4.70 | 1.025 | 1     | 1.076 |
| IHD | 65 | 4.80 | 1.026 | 1     | 1.079 |
| IHD | 65 | 4.90 | 1.028 | 1     | 1.081 |
| IHD | 65 | 5.00 | 1.029 | 1     | 1.083 |
| IHD | 65 | 5.10 | 1.03  | 1     | 1.085 |
| IHD | 65 | 5.20 | 1.032 | 1     | 1.087 |
| IHD | 65 | 5.30 | 1.033 | 1     | 1.09  |
| IHD | 65 | 5.40 | 1.034 | 1     | 1.092 |
| IHD | 65 | 5.50 | 1.036 | 1     | 1.095 |
| IHD | 65 | 5.60 | 1.037 | 1     | 1.097 |
| IHD | 65 | 5.70 | 1.038 | 1     | 1.099 |
| IHD | 65 | 5.80 | 1.04  | 1     | 1.102 |
| IHD | 65 | 5.90 | 1.041 | 1     | 1.104 |
| IHD | 65 | 6.00 | 1.043 | 1     | 1.106 |
| IHD | 65 | 6.10 | 1.044 | 1     | 1.108 |
| IHD | 65 | 6.20 | 1.045 | 1     | 1.111 |
| IHD | 65 | 6.30 | 1.047 | 1     | 1.113 |
| IHD | 65 | 6.40 | 1.048 | 1     | 1.115 |
| IHD | 65 | 6.50 | 1.049 | 1     | 1.117 |
| IHD | 65 | 6.60 | 1.051 | 1.001 | 1.119 |
| IHD | 65 | 6.70 | 1.052 | 1.002 | 1.121 |
| IHD | 65 | 6.80 | 1.054 | 1.002 | 1.123 |
| IHD | 65 | 6.90 | 1.055 | 1.003 | 1.125 |
| IHD | 65 | 7.00 | 1.056 | 1.004 | 1.128 |
| IHD | 65 | 7.10 | 1.058 | 1.005 | 1.13  |
| IHD | 65 | 7.20 | 1.059 | 1.006 | 1.132 |
| IHD | 65 | 7.30 | 1.06  | 1.007 | 1.134 |
| IHD | 65 | 7.40 | 1.062 | 1.008 | 1.136 |
| IHD | 65 | 7.50 | 1.063 | 1.009 | 1.138 |
| IHD | 65 | 7.60 | 1.065 | 1.01  | 1.14  |
| IHD | 65 | 7.70 | 1.066 | 1.011 | 1.142 |
| IHD | 65 | 7.80 | 1.067 | 1.011 | 1.144 |
| IHD | 65 | 7.90 | 1.069 | 1.012 | 1.146 |
| IHD | 65 | 8.00 | 1.07  | 1.013 | 1.148 |
| IHD | 65 | 8.10 | 1.071 | 1.014 | 1.15  |
| IHD | 65 | 8.20 | 1.073 | 1.015 | 1.152 |
| IHD | 65 | 8.30 | 1.074 | 1.016 | 1.154 |
| IHD | 65 | 8.40 | 1.075 | 1.017 | 1.156 |
| IHD | 65 | 8.50 | 1.077 | 1.018 | 1.158 |
| IHD | 65 | 8.60 | 1.078 | 1.018 | 1.16  |
| IHD | 65 | 8.70 | 1.079 | 1.019 | 1.162 |
| IHD | 65 | 8.80 | 1.081 | 1.02  | 1.164 |
| IHD | 65 | 8.90 | 1.082 | 1.021 | 1.165 |
| IHD | 65 | 9.00 | 1.083 | 1.022 | 1.167 |
| IHD | 65 | 9.10 | 1.085 | 1.022 | 1.169 |
| IHD | 65 | 9.20 | 1.086 | 1.023 | 1.171 |
| IHD | 65 | 9.30 | 1.087 | 1.024 | 1.173 |
| IHD | 65 | 9.40 | 1.089 | 1.025 | 1.175 |
| IHD | 65 | 9.50 | 1.09  | 1.026 | 1.178 |
| IHD | 65 | 9.60 | 1.091 | 1.026 | 1.18  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 9.70  | 1.093 | 1.027 | 1.182 |
| IHD | 65 | 9.80  | 1.094 | 1.028 | 1.184 |
| IHD | 65 | 9.90  | 1.095 | 1.029 | 1.186 |
| IHD | 65 | 10.00 | 1.096 | 1.03  | 1.188 |
| IHD | 65 | 10.10 | 1.098 | 1.031 | 1.19  |
| IHD | 65 | 10.20 | 1.099 | 1.032 | 1.192 |
| IHD | 65 | 10.30 | 1.1   | 1.033 | 1.194 |
| IHD | 65 | 10.40 | 1.102 | 1.033 | 1.195 |
| IHD | 65 | 10.50 | 1.103 | 1.034 | 1.197 |
| IHD | 65 | 10.60 | 1.104 | 1.035 | 1.199 |
| IHD | 65 | 10.70 | 1.105 | 1.036 | 1.201 |
| IHD | 65 | 10.80 | 1.107 | 1.037 | 1.203 |
| IHD | 65 | 10.90 | 1.108 | 1.038 | 1.205 |
| IHD | 65 | 11.00 | 1.109 | 1.039 | 1.206 |
| IHD | 65 | 11.10 | 1.111 | 1.04  | 1.208 |
| IHD | 65 | 11.20 | 1.112 | 1.04  | 1.21  |
| IHD | 65 | 11.30 | 1.113 | 1.041 | 1.212 |
| IHD | 65 | 11.40 | 1.114 | 1.042 | 1.213 |
| IHD | 65 | 11.50 | 1.116 | 1.043 | 1.215 |
| IHD | 65 | 11.60 | 1.117 | 1.043 | 1.217 |
| IHD | 65 | 11.70 | 1.118 | 1.044 | 1.219 |
| IHD | 65 | 11.80 | 1.119 | 1.045 | 1.221 |
| IHD | 65 | 11.90 | 1.121 | 1.046 | 1.222 |
| IHD | 65 | 12.00 | 1.122 | 1.047 | 1.224 |
| IHD | 65 | 12.10 | 1.123 | 1.047 | 1.226 |
| IHD | 65 | 12.20 | 1.124 | 1.048 | 1.228 |
| IHD | 65 | 12.30 | 1.125 | 1.049 | 1.229 |
| IHD | 65 | 12.40 | 1.127 | 1.05  | 1.231 |
| IHD | 65 | 12.50 | 1.128 | 1.051 | 1.233 |
| IHD | 65 | 12.60 | 1.129 | 1.051 | 1.234 |
| IHD | 65 | 12.70 | 1.13  | 1.052 | 1.236 |
| IHD | 65 | 12.80 | 1.132 | 1.053 | 1.238 |
| IHD | 65 | 12.90 | 1.133 | 1.054 | 1.239 |
| IHD | 65 | 13.00 | 1.134 | 1.055 | 1.241 |
| IHD | 65 | 13.10 | 1.135 | 1.055 | 1.243 |
| IHD | 65 | 13.20 | 1.136 | 1.056 | 1.244 |
| IHD | 65 | 13.30 | 1.138 | 1.057 | 1.246 |
| IHD | 65 | 13.40 | 1.139 | 1.058 | 1.248 |
| IHD | 65 | 13.50 | 1.14  | 1.059 | 1.249 |
| IHD | 65 | 13.60 | 1.141 | 1.059 | 1.251 |
| IHD | 65 | 13.70 | 1.142 | 1.06  | 1.253 |
| IHD | 65 | 13.80 | 1.144 | 1.061 | 1.254 |
| IHD | 65 | 13.90 | 1.145 | 1.062 | 1.256 |
| IHD | 65 | 14.00 | 1.146 | 1.063 | 1.258 |
| IHD | 65 | 14.10 | 1.147 | 1.063 | 1.259 |
| IHD | 65 | 14.20 | 1.148 | 1.064 | 1.261 |
| IHD | 65 | 14.30 | 1.15  | 1.065 | 1.263 |
| IHD | 65 | 14.40 | 1.151 | 1.065 | 1.264 |
| IHD | 65 | 14.50 | 1.152 | 1.066 | 1.266 |
| IHD | 65 | 14.60 | 1.153 | 1.067 | 1.267 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 14.70 | 1.154 | 1.067 | 1.269 |
| IHD | 65 | 14.80 | 1.155 | 1.068 | 1.271 |
| IHD | 65 | 14.90 | 1.157 | 1.069 | 1.272 |
| IHD | 65 | 15.00 | 1.158 | 1.069 | 1.274 |
| IHD | 65 | 15.10 | 1.159 | 1.07  | 1.276 |
| IHD | 65 | 15.20 | 1.16  | 1.071 | 1.277 |
| IHD | 65 | 15.30 | 1.161 | 1.071 | 1.279 |
| IHD | 65 | 15.40 | 1.162 | 1.072 | 1.28  |
| IHD | 65 | 15.50 | 1.163 | 1.073 | 1.282 |
| IHD | 65 | 15.60 | 1.165 | 1.073 | 1.284 |
| IHD | 65 | 15.70 | 1.166 | 1.074 | 1.285 |
| IHD | 65 | 15.80 | 1.167 | 1.075 | 1.287 |
| IHD | 65 | 15.90 | 1.168 | 1.075 | 1.288 |
| IHD | 65 | 16.00 | 1.169 | 1.076 | 1.29  |
| IHD | 65 | 16.10 | 1.17  | 1.077 | 1.291 |
| IHD | 65 | 16.20 | 1.171 | 1.078 | 1.293 |
| IHD | 65 | 16.30 | 1.173 | 1.078 | 1.294 |
| IHD | 65 | 16.40 | 1.174 | 1.079 | 1.296 |
| IHD | 65 | 16.50 | 1.175 | 1.08  | 1.298 |
| IHD | 65 | 16.60 | 1.176 | 1.08  | 1.299 |
| IHD | 65 | 16.70 | 1.177 | 1.081 | 1.301 |
| IHD | 65 | 16.80 | 1.178 | 1.082 | 1.302 |
| IHD | 65 | 16.90 | 1.179 | 1.083 | 1.304 |
| IHD | 65 | 17.00 | 1.18  | 1.083 | 1.305 |
| IHD | 65 | 17.10 | 1.181 | 1.084 | 1.307 |
| IHD | 65 | 17.20 | 1.183 | 1.085 | 1.308 |
| IHD | 65 | 17.30 | 1.184 | 1.086 | 1.31  |
| IHD | 65 | 17.40 | 1.185 | 1.087 | 1.311 |
| IHD | 65 | 17.50 | 1.186 | 1.087 | 1.313 |
| IHD | 65 | 17.60 | 1.187 | 1.088 | 1.314 |
| IHD | 65 | 17.70 | 1.188 | 1.089 | 1.316 |
| IHD | 65 | 17.80 | 1.189 | 1.09  | 1.317 |
| IHD | 65 | 17.90 | 1.19  | 1.091 | 1.319 |
| IHD | 65 | 18.00 | 1.191 | 1.091 | 1.32  |
| IHD | 65 | 18.10 | 1.192 | 1.092 | 1.321 |
| IHD | 65 | 18.20 | 1.193 | 1.093 | 1.322 |
| IHD | 65 | 18.30 | 1.194 | 1.094 | 1.324 |
| IHD | 65 | 18.40 | 1.196 | 1.094 | 1.325 |
| IHD | 65 | 18.50 | 1.197 | 1.095 | 1.326 |
| IHD | 65 | 18.60 | 1.198 | 1.096 | 1.327 |
| IHD | 65 | 18.70 | 1.199 | 1.096 | 1.328 |
| IHD | 65 | 18.80 | 1.2   | 1.097 | 1.33  |
| IHD | 65 | 18.90 | 1.201 | 1.098 | 1.331 |
| IHD | 65 | 19.00 | 1.202 | 1.099 | 1.332 |
| IHD | 65 | 19.10 | 1.203 | 1.099 | 1.333 |
| IHD | 65 | 19.20 | 1.204 | 1.1   | 1.335 |
| IHD | 65 | 19.30 | 1.205 | 1.101 | 1.336 |
| IHD | 65 | 19.40 | 1.206 | 1.101 | 1.337 |
| IHD | 65 | 19.50 | 1.207 | 1.102 | 1.338 |
| IHD | 65 | 19.60 | 1.208 | 1.103 | 1.339 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 19.70 | 1.209 | 1.104 | 1.341 |
| IHD | 65 | 19.80 | 1.21  | 1.104 | 1.342 |
| IHD | 65 | 19.90 | 1.211 | 1.105 | 1.343 |
| IHD | 65 | 20.00 | 1.212 | 1.106 | 1.344 |
| IHD | 65 | 20.10 | 1.213 | 1.107 | 1.346 |
| IHD | 65 | 20.20 | 1.214 | 1.107 | 1.347 |
| IHD | 65 | 20.30 | 1.215 | 1.108 | 1.348 |
| IHD | 65 | 20.40 | 1.216 | 1.109 | 1.349 |
| IHD | 65 | 20.50 | 1.217 | 1.11  | 1.351 |
| IHD | 65 | 20.60 | 1.218 | 1.11  | 1.352 |
| IHD | 65 | 20.70 | 1.219 | 1.111 | 1.353 |
| IHD | 65 | 20.80 | 1.22  | 1.112 | 1.355 |
| IHD | 65 | 20.90 | 1.221 | 1.113 | 1.356 |
| IHD | 65 | 21.00 | 1.223 | 1.113 | 1.357 |
| IHD | 65 | 21.10 | 1.223 | 1.114 | 1.358 |
| IHD | 65 | 21.20 | 1.224 | 1.115 | 1.36  |
| IHD | 65 | 21.30 | 1.225 | 1.116 | 1.361 |
| IHD | 65 | 21.40 | 1.226 | 1.116 | 1.362 |
| IHD | 65 | 21.50 | 1.227 | 1.117 | 1.363 |
| IHD | 65 | 21.60 | 1.228 | 1.118 | 1.364 |
| IHD | 65 | 21.70 | 1.229 | 1.119 | 1.366 |
| IHD | 65 | 21.80 | 1.23  | 1.119 | 1.367 |
| IHD | 65 | 21.90 | 1.231 | 1.12  | 1.368 |
| IHD | 65 | 22.00 | 1.232 | 1.121 | 1.369 |
| IHD | 65 | 22.10 | 1.233 | 1.122 | 1.37  |
| IHD | 65 | 22.20 | 1.234 | 1.122 | 1.372 |
| IHD | 65 | 22.30 | 1.235 | 1.123 | 1.373 |
| IHD | 65 | 22.40 | 1.236 | 1.124 | 1.374 |
| IHD | 65 | 22.50 | 1.237 | 1.125 | 1.375 |
| IHD | 65 | 22.60 | 1.238 | 1.125 | 1.376 |
| IHD | 65 | 22.70 | 1.239 | 1.126 | 1.377 |
| IHD | 65 | 22.80 | 1.24  | 1.127 | 1.379 |
| IHD | 65 | 22.90 | 1.241 | 1.128 | 1.38  |
| IHD | 65 | 23.00 | 1.242 | 1.128 | 1.381 |
| IHD | 65 | 23.10 | 1.243 | 1.129 | 1.382 |
| IHD | 65 | 23.20 | 1.244 | 1.13  | 1.383 |
| IHD | 65 | 23.30 | 1.245 | 1.131 | 1.384 |
| IHD | 65 | 23.40 | 1.246 | 1.131 | 1.385 |
| IHD | 65 | 23.50 | 1.247 | 1.132 | 1.386 |
| IHD | 65 | 23.60 | 1.248 | 1.133 | 1.388 |
| IHD | 65 | 23.70 | 1.249 | 1.134 | 1.389 |
| IHD | 65 | 23.80 | 1.25  | 1.134 | 1.39  |
| IHD | 65 | 23.90 | 1.251 | 1.135 | 1.391 |
| IHD | 65 | 24.00 | 1.252 | 1.136 | 1.392 |
| IHD | 65 | 24.10 | 1.253 | 1.137 | 1.393 |
| IHD | 65 | 24.20 | 1.253 | 1.137 | 1.394 |
| IHD | 65 | 24.30 | 1.254 | 1.138 | 1.395 |
| IHD | 65 | 24.40 | 1.255 | 1.139 | 1.396 |
| IHD | 65 | 24.50 | 1.256 | 1.14  | 1.397 |
| IHD | 65 | 24.60 | 1.257 | 1.14  | 1.398 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 24.70 | 1.258 | 1.141 | 1.399 |
| IHD | 65 | 24.80 | 1.259 | 1.142 | 1.401 |
| IHD | 65 | 24.90 | 1.26  | 1.143 | 1.402 |
| IHD | 65 | 25.00 | 1.261 | 1.143 | 1.403 |
| IHD | 65 | 25.10 | 1.262 | 1.144 | 1.404 |
| IHD | 65 | 25.20 | 1.263 | 1.145 | 1.405 |
| IHD | 65 | 25.30 | 1.264 | 1.145 | 1.406 |
| IHD | 65 | 25.40 | 1.264 | 1.146 | 1.407 |
| IHD | 65 | 25.50 | 1.265 | 1.147 | 1.408 |
| IHD | 65 | 25.60 | 1.266 | 1.148 | 1.409 |
| IHD | 65 | 25.70 | 1.267 | 1.148 | 1.41  |
| IHD | 65 | 25.80 | 1.268 | 1.149 | 1.411 |
| IHD | 65 | 25.90 | 1.269 | 1.15  | 1.412 |
| IHD | 65 | 26.00 | 1.27  | 1.151 | 1.414 |
| IHD | 65 | 26.10 | 1.271 | 1.151 | 1.415 |
| IHD | 65 | 26.20 | 1.272 | 1.152 | 1.416 |
| IHD | 65 | 26.30 | 1.273 | 1.153 | 1.417 |
| IHD | 65 | 26.40 | 1.273 | 1.153 | 1.418 |
| IHD | 65 | 26.50 | 1.274 | 1.154 | 1.419 |
| IHD | 65 | 26.60 | 1.275 | 1.155 | 1.421 |
| IHD | 65 | 26.70 | 1.276 | 1.156 | 1.422 |
| IHD | 65 | 26.80 | 1.277 | 1.156 | 1.423 |
| IHD | 65 | 26.90 | 1.278 | 1.157 | 1.424 |
| IHD | 65 | 27.00 | 1.279 | 1.158 | 1.425 |
| IHD | 65 | 27.10 | 1.28  | 1.159 | 1.426 |
| IHD | 65 | 27.20 | 1.28  | 1.159 | 1.427 |
| IHD | 65 | 27.30 | 1.281 | 1.16  | 1.428 |
| IHD | 65 | 27.40 | 1.282 | 1.161 | 1.43  |
| IHD | 65 | 27.50 | 1.283 | 1.161 | 1.431 |
| IHD | 65 | 27.60 | 1.284 | 1.162 | 1.432 |
| IHD | 65 | 27.70 | 1.285 | 1.163 | 1.433 |
| IHD | 65 | 27.80 | 1.286 | 1.164 | 1.434 |
| IHD | 65 | 27.90 | 1.286 | 1.164 | 1.435 |
| IHD | 65 | 28.00 | 1.287 | 1.165 | 1.436 |
| IHD | 65 | 28.10 | 1.288 | 1.166 | 1.437 |
| IHD | 65 | 28.20 | 1.289 | 1.166 | 1.438 |
| IHD | 65 | 28.30 | 1.29  | 1.167 | 1.439 |
| IHD | 65 | 28.40 | 1.291 | 1.168 | 1.44  |
| IHD | 65 | 28.50 | 1.291 | 1.168 | 1.441 |
| IHD | 65 | 28.60 | 1.292 | 1.169 | 1.442 |
| IHD | 65 | 28.70 | 1.293 | 1.169 | 1.443 |
| IHD | 65 | 28.80 | 1.294 | 1.17  | 1.444 |
| IHD | 65 | 28.90 | 1.295 | 1.171 | 1.445 |
| IHD | 65 | 29.00 | 1.296 | 1.171 | 1.446 |
| IHD | 65 | 29.10 | 1.297 | 1.172 | 1.447 |
| IHD | 65 | 29.20 | 1.297 | 1.172 | 1.448 |
| IHD | 65 | 29.30 | 1.298 | 1.173 | 1.449 |
| IHD | 65 | 29.40 | 1.299 | 1.174 | 1.45  |
| IHD | 65 | 29.50 | 1.3   | 1.174 | 1.451 |
| IHD | 65 | 29.60 | 1.301 | 1.175 | 1.452 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 29.70 | 1.301 | 1.175 | 1.454 |
| IHD | 65 | 29.80 | 1.302 | 1.176 | 1.455 |
| IHD | 65 | 29.90 | 1.303 | 1.176 | 1.456 |
| IHD | 65 | 30.00 | 1.304 | 1.177 | 1.457 |
| IHD | 65 | 30.10 | 1.305 | 1.178 | 1.458 |
| IHD | 65 | 30.20 | 1.305 | 1.178 | 1.459 |
| IHD | 65 | 30.30 | 1.306 | 1.179 | 1.46  |
| IHD | 65 | 30.40 | 1.307 | 1.18  | 1.461 |
| IHD | 65 | 30.50 | 1.308 | 1.181 | 1.462 |
| IHD | 65 | 30.60 | 1.309 | 1.181 | 1.464 |
| IHD | 65 | 30.70 | 1.309 | 1.182 | 1.465 |
| IHD | 65 | 30.80 | 1.31  | 1.183 | 1.466 |
| IHD | 65 | 30.90 | 1.311 | 1.183 | 1.467 |
| IHD | 65 | 31.00 | 1.312 | 1.184 | 1.468 |
| IHD | 65 | 31.10 | 1.313 | 1.185 | 1.469 |
| IHD | 65 | 31.20 | 1.313 | 1.185 | 1.47  |
| IHD | 65 | 31.30 | 1.314 | 1.186 | 1.47  |
| IHD | 65 | 31.40 | 1.315 | 1.187 | 1.471 |
| IHD | 65 | 31.50 | 1.316 | 1.187 | 1.472 |
| IHD | 65 | 31.60 | 1.317 | 1.188 | 1.473 |
| IHD | 65 | 31.70 | 1.317 | 1.189 | 1.474 |
| IHD | 65 | 31.80 | 1.318 | 1.189 | 1.474 |
| IHD | 65 | 31.90 | 1.319 | 1.19  | 1.475 |
| IHD | 65 | 32.00 | 1.32  | 1.191 | 1.476 |
| IHD | 65 | 32.10 | 1.32  | 1.191 | 1.477 |
| IHD | 65 | 32.20 | 1.321 | 1.192 | 1.478 |
| IHD | 65 | 32.30 | 1.322 | 1.192 | 1.478 |
| IHD | 65 | 32.40 | 1.323 | 1.193 | 1.479 |
| IHD | 65 | 32.50 | 1.324 | 1.193 | 1.48  |
| IHD | 65 | 32.60 | 1.324 | 1.194 | 1.481 |
| IHD | 65 | 32.70 | 1.325 | 1.194 | 1.481 |
| IHD | 65 | 32.80 | 1.326 | 1.195 | 1.482 |
| IHD | 65 | 32.90 | 1.327 | 1.196 | 1.483 |
| IHD | 65 | 33.00 | 1.327 | 1.196 | 1.484 |
| IHD | 65 | 33.10 | 1.328 | 1.197 | 1.484 |
| IHD | 65 | 33.20 | 1.329 | 1.197 | 1.485 |
| IHD | 65 | 33.30 | 1.33  | 1.198 | 1.486 |
| IHD | 65 | 33.40 | 1.33  | 1.198 | 1.487 |
| IHD | 65 | 33.50 | 1.331 | 1.199 | 1.487 |
| IHD | 65 | 33.60 | 1.332 | 1.199 | 1.488 |
| IHD | 65 | 33.70 | 1.333 | 1.2   | 1.489 |
| IHD | 65 | 33.80 | 1.333 | 1.2   | 1.49  |
| IHD | 65 | 33.90 | 1.334 | 1.201 | 1.49  |
| IHD | 65 | 34.00 | 1.335 | 1.201 | 1.491 |
| IHD | 65 | 34.10 | 1.335 | 1.202 | 1.492 |
| IHD | 65 | 34.20 | 1.336 | 1.202 | 1.493 |
| IHD | 65 | 34.30 | 1.337 | 1.203 | 1.493 |
| IHD | 65 | 34.40 | 1.338 | 1.203 | 1.494 |
| IHD | 65 | 34.50 | 1.338 | 1.204 | 1.495 |
| IHD | 65 | 34.60 | 1.339 | 1.204 | 1.496 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 34.70 | 1.34  | 1.205 | 1.496 |
| IHD | 65 | 34.80 | 1.341 | 1.205 | 1.497 |
| IHD | 65 | 34.90 | 1.341 | 1.206 | 1.498 |
| IHD | 65 | 35.00 | 1.342 | 1.206 | 1.499 |
| IHD | 65 | 35.10 | 1.343 | 1.207 | 1.499 |
| IHD | 65 | 35.20 | 1.343 | 1.207 | 1.5   |
| IHD | 65 | 35.30 | 1.344 | 1.208 | 1.501 |
| IHD | 65 | 35.40 | 1.345 | 1.208 | 1.502 |
| IHD | 65 | 35.50 | 1.346 | 1.209 | 1.503 |
| IHD | 65 | 35.60 | 1.346 | 1.209 | 1.503 |
| IHD | 65 | 35.70 | 1.347 | 1.21  | 1.504 |
| IHD | 65 | 35.80 | 1.348 | 1.21  | 1.505 |
| IHD | 65 | 35.90 | 1.348 | 1.211 | 1.506 |
| IHD | 65 | 36.00 | 1.349 | 1.212 | 1.507 |
| IHD | 65 | 36.10 | 1.35  | 1.212 | 1.507 |
| IHD | 65 | 36.20 | 1.35  | 1.213 | 1.508 |
| IHD | 65 | 36.30 | 1.351 | 1.213 | 1.509 |
| IHD | 65 | 36.40 | 1.352 | 1.214 | 1.51  |
| IHD | 65 | 36.50 | 1.353 | 1.215 | 1.51  |
| IHD | 65 | 36.60 | 1.353 | 1.215 | 1.511 |
| IHD | 65 | 36.70 | 1.354 | 1.216 | 1.512 |
| IHD | 65 | 36.80 | 1.355 | 1.216 | 1.513 |
| IHD | 65 | 36.90 | 1.355 | 1.217 | 1.513 |
| IHD | 65 | 37.00 | 1.356 | 1.218 | 1.514 |
| IHD | 65 | 37.10 | 1.357 | 1.218 | 1.515 |
| IHD | 65 | 37.20 | 1.357 | 1.219 | 1.516 |
| IHD | 65 | 37.30 | 1.358 | 1.22  | 1.516 |
| IHD | 65 | 37.40 | 1.359 | 1.22  | 1.517 |
| IHD | 65 | 37.50 | 1.359 | 1.221 | 1.518 |
| IHD | 65 | 37.60 | 1.36  | 1.221 | 1.519 |
| IHD | 65 | 37.70 | 1.361 | 1.222 | 1.519 |
| IHD | 65 | 37.80 | 1.361 | 1.223 | 1.52  |
| IHD | 65 | 37.90 | 1.362 | 1.223 | 1.521 |
| IHD | 65 | 38.00 | 1.363 | 1.224 | 1.522 |
| IHD | 65 | 38.10 | 1.363 | 1.224 | 1.523 |
| IHD | 65 | 38.20 | 1.364 | 1.225 | 1.523 |
| IHD | 65 | 38.30 | 1.365 | 1.226 | 1.524 |
| IHD | 65 | 38.40 | 1.365 | 1.226 | 1.525 |
| IHD | 65 | 38.50 | 1.366 | 1.227 | 1.526 |
| IHD | 65 | 38.60 | 1.367 | 1.227 | 1.526 |
| IHD | 65 | 38.70 | 1.367 | 1.228 | 1.527 |
| IHD | 65 | 38.80 | 1.368 | 1.229 | 1.528 |
| IHD | 65 | 38.90 | 1.369 | 1.229 | 1.529 |
| IHD | 65 | 39.00 | 1.369 | 1.23  | 1.53  |
| IHD | 65 | 39.10 | 1.37  | 1.231 | 1.53  |
| IHD | 65 | 39.20 | 1.371 | 1.231 | 1.531 |
| IHD | 65 | 39.30 | 1.371 | 1.232 | 1.531 |
| IHD | 65 | 39.40 | 1.372 | 1.232 | 1.532 |
| IHD | 65 | 39.50 | 1.373 | 1.233 | 1.532 |
| IHD | 65 | 39.60 | 1.373 | 1.234 | 1.533 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 39.70 | 1.374 | 1.234 | 1.533 |
| IHD | 65 | 39.80 | 1.375 | 1.235 | 1.534 |
| IHD | 65 | 39.90 | 1.375 | 1.235 | 1.535 |
| IHD | 65 | 40.00 | 1.376 | 1.236 | 1.535 |
| IHD | 65 | 40.10 | 1.376 | 1.237 | 1.536 |
| IHD | 65 | 40.20 | 1.377 | 1.237 | 1.536 |
| IHD | 65 | 40.30 | 1.378 | 1.238 | 1.537 |
| IHD | 65 | 40.40 | 1.378 | 1.238 | 1.538 |
| IHD | 65 | 40.50 | 1.379 | 1.239 | 1.538 |
| IHD | 65 | 40.60 | 1.38  | 1.24  | 1.539 |
| IHD | 65 | 40.70 | 1.38  | 1.24  | 1.539 |
| IHD | 65 | 40.80 | 1.381 | 1.241 | 1.54  |
| IHD | 65 | 40.90 | 1.382 | 1.241 | 1.541 |
| IHD | 65 | 41.00 | 1.382 | 1.242 | 1.541 |
| IHD | 65 | 41.10 | 1.383 | 1.243 | 1.542 |
| IHD | 65 | 41.20 | 1.383 | 1.243 | 1.543 |
| IHD | 65 | 41.30 | 1.384 | 1.244 | 1.543 |
| IHD | 65 | 41.40 | 1.385 | 1.244 | 1.544 |
| IHD | 65 | 41.50 | 1.385 | 1.245 | 1.545 |
| IHD | 65 | 41.60 | 1.386 | 1.246 | 1.545 |
| IHD | 65 | 41.70 | 1.386 | 1.246 | 1.546 |
| IHD | 65 | 41.80 | 1.387 | 1.247 | 1.547 |
| IHD | 65 | 41.90 | 1.388 | 1.247 | 1.547 |
| IHD | 65 | 42.00 | 1.388 | 1.248 | 1.548 |
| IHD | 65 | 42.10 | 1.389 | 1.249 | 1.549 |
| IHD | 65 | 42.20 | 1.389 | 1.249 | 1.549 |
| IHD | 65 | 42.30 | 1.39  | 1.25  | 1.55  |
| IHD | 65 | 42.40 | 1.391 | 1.25  | 1.551 |
| IHD | 65 | 42.50 | 1.391 | 1.251 | 1.551 |
| IHD | 65 | 42.60 | 1.392 | 1.251 | 1.552 |
| IHD | 65 | 42.70 | 1.392 | 1.252 | 1.553 |
| IHD | 65 | 42.80 | 1.393 | 1.252 | 1.553 |
| IHD | 65 | 42.90 | 1.394 | 1.253 | 1.554 |
| IHD | 65 | 43.00 | 1.394 | 1.254 | 1.555 |
| IHD | 65 | 43.10 | 1.395 | 1.254 | 1.555 |
| IHD | 65 | 43.20 | 1.395 | 1.254 | 1.556 |
| IHD | 65 | 43.30 | 1.396 | 1.255 | 1.557 |
| IHD | 65 | 43.40 | 1.397 | 1.255 | 1.557 |
| IHD | 65 | 43.50 | 1.397 | 1.256 | 1.558 |
| IHD | 65 | 43.60 | 1.398 | 1.256 | 1.559 |
| IHD | 65 | 43.70 | 1.398 | 1.256 | 1.559 |
| IHD | 65 | 43.80 | 1.399 | 1.257 | 1.56  |
| IHD | 65 | 43.90 | 1.4   | 1.257 | 1.561 |
| IHD | 65 | 44.00 | 1.4   | 1.258 | 1.562 |
| IHD | 65 | 44.10 | 1.401 | 1.258 | 1.562 |
| IHD | 65 | 44.20 | 1.401 | 1.258 | 1.563 |
| IHD | 65 | 44.30 | 1.402 | 1.259 | 1.563 |
| IHD | 65 | 44.40 | 1.402 | 1.259 | 1.564 |
| IHD | 65 | 44.50 | 1.403 | 1.26  | 1.564 |
| IHD | 65 | 44.60 | 1.404 | 1.26  | 1.565 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 44.70 | 1.404 | 1.26  | 1.565 |
| IHD | 65 | 44.80 | 1.405 | 1.261 | 1.566 |
| IHD | 65 | 44.90 | 1.405 | 1.261 | 1.566 |
| IHD | 65 | 45.00 | 1.406 | 1.262 | 1.567 |
| IHD | 65 | 45.10 | 1.406 | 1.262 | 1.568 |
| IHD | 65 | 45.20 | 1.407 | 1.263 | 1.568 |
| IHD | 65 | 45.30 | 1.408 | 1.263 | 1.569 |
| IHD | 65 | 45.40 | 1.408 | 1.264 | 1.57  |
| IHD | 65 | 45.50 | 1.409 | 1.264 | 1.57  |
| IHD | 65 | 45.60 | 1.409 | 1.265 | 1.571 |
| IHD | 65 | 45.70 | 1.41  | 1.265 | 1.571 |
| IHD | 65 | 45.80 | 1.41  | 1.266 | 1.572 |
| IHD | 65 | 45.90 | 1.411 | 1.266 | 1.573 |
| IHD | 65 | 46.00 | 1.412 | 1.267 | 1.573 |
| IHD | 65 | 46.10 | 1.412 | 1.267 | 1.574 |
| IHD | 65 | 46.20 | 1.413 | 1.268 | 1.574 |
| IHD | 65 | 46.30 | 1.413 | 1.268 | 1.575 |
| IHD | 65 | 46.40 | 1.414 | 1.269 | 1.576 |
| IHD | 65 | 46.50 | 1.414 | 1.269 | 1.576 |
| IHD | 65 | 46.60 | 1.415 | 1.27  | 1.577 |
| IHD | 65 | 46.70 | 1.415 | 1.27  | 1.577 |
| IHD | 65 | 46.80 | 1.416 | 1.27  | 1.578 |
| IHD | 65 | 46.90 | 1.416 | 1.271 | 1.578 |
| IHD | 65 | 47.00 | 1.417 | 1.271 | 1.579 |
| IHD | 65 | 47.10 | 1.418 | 1.272 | 1.58  |
| IHD | 65 | 47.20 | 1.418 | 1.272 | 1.58  |
| IHD | 65 | 47.30 | 1.419 | 1.273 | 1.581 |
| IHD | 65 | 47.40 | 1.419 | 1.273 | 1.582 |
| IHD | 65 | 47.50 | 1.42  | 1.273 | 1.583 |
| IHD | 65 | 47.60 | 1.42  | 1.274 | 1.583 |
| IHD | 65 | 47.70 | 1.421 | 1.274 | 1.584 |
| IHD | 65 | 47.80 | 1.421 | 1.275 | 1.585 |
| IHD | 65 | 47.90 | 1.422 | 1.275 | 1.585 |
| IHD | 65 | 48.00 | 1.422 | 1.276 | 1.586 |
| IHD | 65 | 48.10 | 1.423 | 1.276 | 1.587 |
| IHD | 65 | 48.20 | 1.423 | 1.277 | 1.587 |
| IHD | 65 | 48.30 | 1.424 | 1.278 | 1.587 |
| IHD | 65 | 48.40 | 1.424 | 1.278 | 1.588 |
| IHD | 65 | 48.50 | 1.425 | 1.279 | 1.588 |
| IHD | 65 | 48.60 | 1.426 | 1.28  | 1.589 |
| IHD | 65 | 48.70 | 1.426 | 1.28  | 1.589 |
| IHD | 65 | 48.80 | 1.427 | 1.281 | 1.589 |
| IHD | 65 | 48.90 | 1.427 | 1.282 | 1.59  |
| IHD | 65 | 49.00 | 1.428 | 1.282 | 1.59  |
| IHD | 65 | 49.10 | 1.428 | 1.283 | 1.591 |
| IHD | 65 | 49.20 | 1.429 | 1.283 | 1.591 |
| IHD | 65 | 49.30 | 1.429 | 1.284 | 1.592 |
| IHD | 65 | 49.40 | 1.43  | 1.285 | 1.592 |
| IHD | 65 | 49.50 | 1.43  | 1.285 | 1.593 |
| IHD | 65 | 49.60 | 1.431 | 1.286 | 1.593 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 65 | 49.70 | 1.431 | 1.286 | 1.594 |
| IHD | 65 | 49.80 | 1.432 | 1.287 | 1.594 |
| IHD | 65 | 49.90 | 1.432 | 1.288 | 1.595 |
| IHD | 70 | 0.00  | 1     | 1     | 1     |
| IHD | 70 | 0.10  | 1     | 1     | 1     |
| IHD | 70 | 0.20  | 1     | 1     | 1     |
| IHD | 70 | 0.30  | 1     | 1     | 1     |
| IHD | 70 | 0.40  | 1     | 1     | 1     |
| IHD | 70 | 0.50  | 1     | 1     | 1     |
| IHD | 70 | 0.60  | 1     | 1     | 1     |
| IHD | 70 | 0.70  | 1     | 1     | 1     |
| IHD | 70 | 0.80  | 1     | 1     | 1     |
| IHD | 70 | 0.90  | 1     | 1     | 1     |
| IHD | 70 | 1.00  | 1     | 1     | 1     |
| IHD | 70 | 1.10  | 1     | 1     | 1     |
| IHD | 70 | 1.20  | 1     | 1     | 1     |
| IHD | 70 | 1.30  | 1     | 1     | 1     |
| IHD | 70 | 1.40  | 1     | 1     | 1     |
| IHD | 70 | 1.50  | 1     | 1     | 1     |
| IHD | 70 | 1.60  | 1     | 1     | 1     |
| IHD | 70 | 1.70  | 1     | 1     | 1     |
| IHD | 70 | 1.80  | 1     | 1     | 1.001 |
| IHD | 70 | 1.90  | 1     | 1     | 1.003 |
| IHD | 70 | 2.00  | 1     | 1     | 1.005 |
| IHD | 70 | 2.10  | 1     | 1     | 1.008 |
| IHD | 70 | 2.20  | 1.001 | 1     | 1.01  |
| IHD | 70 | 2.30  | 1.001 | 1     | 1.012 |
| IHD | 70 | 2.40  | 1.001 | 1     | 1.014 |
| IHD | 70 | 2.50  | 1.001 | 1     | 1.016 |
| IHD | 70 | 2.60  | 1.002 | 1     | 1.019 |
| IHD | 70 | 2.70  | 1.002 | 1     | 1.021 |
| IHD | 70 | 2.80  | 1.002 | 1     | 1.023 |
| IHD | 70 | 2.90  | 1.003 | 1     | 1.025 |
| IHD | 70 | 3.00  | 1.003 | 1     | 1.027 |
| IHD | 70 | 3.10  | 1.004 | 1     | 1.03  |
| IHD | 70 | 3.20  | 1.004 | 1     | 1.032 |
| IHD | 70 | 3.30  | 1.005 | 1     | 1.034 |
| IHD | 70 | 3.40  | 1.005 | 1     | 1.036 |
| IHD | 70 | 3.50  | 1.006 | 1     | 1.038 |
| IHD | 70 | 3.60  | 1.007 | 1     | 1.041 |
| IHD | 70 | 3.70  | 1.007 | 1     | 1.043 |
| IHD | 70 | 3.80  | 1.008 | 1     | 1.045 |
| IHD | 70 | 3.90  | 1.009 | 1     | 1.047 |
| IHD | 70 | 4.00  | 1.009 | 1     | 1.049 |
| IHD | 70 | 4.10  | 1.01  | 1     | 1.051 |
| IHD | 70 | 4.20  | 1.011 | 1     | 1.054 |
| IHD | 70 | 4.30  | 1.012 | 1     | 1.056 |
| IHD | 70 | 4.40  | 1.013 | 1     | 1.058 |
| IHD | 70 | 4.50  | 1.014 | 1     | 1.06  |
| IHD | 70 | 4.60  | 1.015 | 1     | 1.062 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 70 | 4.70 | 1.016 | 1     | 1.064 |
| IHD | 70 | 4.80 | 1.016 | 1     | 1.066 |
| IHD | 70 | 4.90 | 1.017 | 1     | 1.068 |
| IHD | 70 | 5.00 | 1.018 | 1     | 1.07  |
| IHD | 70 | 5.10 | 1.019 | 1     | 1.072 |
| IHD | 70 | 5.20 | 1.02  | 1     | 1.074 |
| IHD | 70 | 5.30 | 1.021 | 1     | 1.076 |
| IHD | 70 | 5.40 | 1.022 | 1     | 1.078 |
| IHD | 70 | 5.50 | 1.024 | 1     | 1.08  |
| IHD | 70 | 5.60 | 1.025 | 1     | 1.082 |
| IHD | 70 | 5.70 | 1.026 | 1     | 1.084 |
| IHD | 70 | 5.80 | 1.027 | 1     | 1.086 |
| IHD | 70 | 5.90 | 1.028 | 1     | 1.088 |
| IHD | 70 | 6.00 | 1.029 | 1     | 1.09  |
| IHD | 70 | 6.10 | 1.03  | 1     | 1.092 |
| IHD | 70 | 6.20 | 1.031 | 1     | 1.094 |
| IHD | 70 | 6.30 | 1.032 | 1     | 1.096 |
| IHD | 70 | 6.40 | 1.033 | 1     | 1.098 |
| IHD | 70 | 6.50 | 1.035 | 1     | 1.1   |
| IHD | 70 | 6.60 | 1.036 | 1     | 1.102 |
| IHD | 70 | 6.70 | 1.037 | 1     | 1.104 |
| IHD | 70 | 6.80 | 1.038 | 1     | 1.106 |
| IHD | 70 | 6.90 | 1.039 | 1     | 1.108 |
| IHD | 70 | 7.00 | 1.04  | 1     | 1.11  |
| IHD | 70 | 7.10 | 1.041 | 1     | 1.112 |
| IHD | 70 | 7.20 | 1.043 | 1     | 1.114 |
| IHD | 70 | 7.30 | 1.044 | 1     | 1.115 |
| IHD | 70 | 7.40 | 1.045 | 1     | 1.117 |
| IHD | 70 | 7.50 | 1.046 | 1     | 1.119 |
| IHD | 70 | 7.60 | 1.047 | 1     | 1.121 |
| IHD | 70 | 7.70 | 1.048 | 1     | 1.123 |
| IHD | 70 | 7.80 | 1.05  | 1     | 1.125 |
| IHD | 70 | 7.90 | 1.051 | 1     | 1.127 |
| IHD | 70 | 8.00 | 1.052 | 1     | 1.129 |
| IHD | 70 | 8.10 | 1.053 | 1     | 1.131 |
| IHD | 70 | 8.20 | 1.054 | 1     | 1.132 |
| IHD | 70 | 8.30 | 1.055 | 1     | 1.134 |
| IHD | 70 | 8.40 | 1.056 | 1     | 1.136 |
| IHD | 70 | 8.50 | 1.058 | 1     | 1.138 |
| IHD | 70 | 8.60 | 1.059 | 1     | 1.139 |
| IHD | 70 | 8.70 | 1.06  | 1     | 1.141 |
| IHD | 70 | 8.80 | 1.061 | 1.001 | 1.143 |
| IHD | 70 | 8.90 | 1.062 | 1.001 | 1.145 |
| IHD | 70 | 9.00 | 1.063 | 1.002 | 1.146 |
| IHD | 70 | 9.10 | 1.064 | 1.003 | 1.148 |
| IHD | 70 | 9.20 | 1.066 | 1.004 | 1.15  |
| IHD | 70 | 9.30 | 1.067 | 1.004 | 1.152 |
| IHD | 70 | 9.40 | 1.068 | 1.005 | 1.153 |
| IHD | 70 | 9.50 | 1.069 | 1.006 | 1.155 |
| IHD | 70 | 9.60 | 1.07  | 1.006 | 1.157 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 9.70  | 1.071 | 1.007 | 1.159 |
| IHD | 70 | 9.80  | 1.072 | 1.008 | 1.16  |
| IHD | 70 | 9.90  | 1.074 | 1.009 | 1.162 |
| IHD | 70 | 10.00 | 1.075 | 1.009 | 1.164 |
| IHD | 70 | 10.10 | 1.076 | 1.01  | 1.165 |
| IHD | 70 | 10.20 | 1.077 | 1.011 | 1.167 |
| IHD | 70 | 10.30 | 1.078 | 1.012 | 1.169 |
| IHD | 70 | 10.40 | 1.079 | 1.012 | 1.17  |
| IHD | 70 | 10.50 | 1.08  | 1.013 | 1.172 |
| IHD | 70 | 10.60 | 1.081 | 1.014 | 1.173 |
| IHD | 70 | 10.70 | 1.082 | 1.014 | 1.175 |
| IHD | 70 | 10.80 | 1.084 | 1.015 | 1.177 |
| IHD | 70 | 10.90 | 1.085 | 1.016 | 1.178 |
| IHD | 70 | 11.00 | 1.086 | 1.016 | 1.18  |
| IHD | 70 | 11.10 | 1.087 | 1.017 | 1.182 |
| IHD | 70 | 11.20 | 1.088 | 1.018 | 1.183 |
| IHD | 70 | 11.30 | 1.089 | 1.019 | 1.185 |
| IHD | 70 | 11.40 | 1.09  | 1.019 | 1.186 |
| IHD | 70 | 11.50 | 1.091 | 1.02  | 1.188 |
| IHD | 70 | 11.60 | 1.092 | 1.021 | 1.19  |
| IHD | 70 | 11.70 | 1.093 | 1.022 | 1.191 |
| IHD | 70 | 11.80 | 1.094 | 1.022 | 1.193 |
| IHD | 70 | 11.90 | 1.096 | 1.023 | 1.194 |
| IHD | 70 | 12.00 | 1.097 | 1.024 | 1.196 |
| IHD | 70 | 12.10 | 1.098 | 1.024 | 1.197 |
| IHD | 70 | 12.20 | 1.099 | 1.025 | 1.199 |
| IHD | 70 | 12.30 | 1.1   | 1.026 | 1.2   |
| IHD | 70 | 12.40 | 1.101 | 1.026 | 1.202 |
| IHD | 70 | 12.50 | 1.102 | 1.027 | 1.204 |
| IHD | 70 | 12.60 | 1.103 | 1.028 | 1.205 |
| IHD | 70 | 12.70 | 1.104 | 1.028 | 1.207 |
| IHD | 70 | 12.80 | 1.105 | 1.029 | 1.208 |
| IHD | 70 | 12.90 | 1.106 | 1.03  | 1.21  |
| IHD | 70 | 13.00 | 1.107 | 1.03  | 1.211 |
| IHD | 70 | 13.10 | 1.108 | 1.031 | 1.213 |
| IHD | 70 | 13.20 | 1.109 | 1.032 | 1.214 |
| IHD | 70 | 13.30 | 1.11  | 1.032 | 1.216 |
| IHD | 70 | 13.40 | 1.111 | 1.033 | 1.217 |
| IHD | 70 | 13.50 | 1.112 | 1.034 | 1.218 |
| IHD | 70 | 13.60 | 1.113 | 1.034 | 1.22  |
| IHD | 70 | 13.70 | 1.114 | 1.035 | 1.221 |
| IHD | 70 | 13.80 | 1.116 | 1.036 | 1.223 |
| IHD | 70 | 13.90 | 1.117 | 1.037 | 1.224 |
| IHD | 70 | 14.00 | 1.118 | 1.037 | 1.226 |
| IHD | 70 | 14.10 | 1.119 | 1.038 | 1.227 |
| IHD | 70 | 14.20 | 1.12  | 1.038 | 1.229 |
| IHD | 70 | 14.30 | 1.121 | 1.039 | 1.23  |
| IHD | 70 | 14.40 | 1.122 | 1.04  | 1.231 |
| IHD | 70 | 14.50 | 1.123 | 1.04  | 1.233 |
| IHD | 70 | 14.60 | 1.124 | 1.041 | 1.234 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 14.70 | 1.125 | 1.041 | 1.236 |
| IHD | 70 | 14.80 | 1.126 | 1.042 | 1.237 |
| IHD | 70 | 14.90 | 1.127 | 1.043 | 1.238 |
| IHD | 70 | 15.00 | 1.128 | 1.043 | 1.24  |
| IHD | 70 | 15.10 | 1.129 | 1.044 | 1.241 |
| IHD | 70 | 15.20 | 1.13  | 1.044 | 1.243 |
| IHD | 70 | 15.30 | 1.131 | 1.045 | 1.244 |
| IHD | 70 | 15.40 | 1.132 | 1.046 | 1.245 |
| IHD | 70 | 15.50 | 1.133 | 1.046 | 1.247 |
| IHD | 70 | 15.60 | 1.134 | 1.047 | 1.248 |
| IHD | 70 | 15.70 | 1.135 | 1.047 | 1.249 |
| IHD | 70 | 15.80 | 1.136 | 1.048 | 1.251 |
| IHD | 70 | 15.90 | 1.137 | 1.049 | 1.252 |
| IHD | 70 | 16.00 | 1.138 | 1.049 | 1.253 |
| IHD | 70 | 16.10 | 1.139 | 1.05  | 1.255 |
| IHD | 70 | 16.20 | 1.14  | 1.051 | 1.256 |
| IHD | 70 | 16.30 | 1.14  | 1.051 | 1.257 |
| IHD | 70 | 16.40 | 1.141 | 1.052 | 1.258 |
| IHD | 70 | 16.50 | 1.142 | 1.052 | 1.26  |
| IHD | 70 | 16.60 | 1.143 | 1.053 | 1.261 |
| IHD | 70 | 16.70 | 1.144 | 1.054 | 1.262 |
| IHD | 70 | 16.80 | 1.145 | 1.054 | 1.264 |
| IHD | 70 | 16.90 | 1.146 | 1.055 | 1.265 |
| IHD | 70 | 17.00 | 1.147 | 1.056 | 1.266 |
| IHD | 70 | 17.10 | 1.148 | 1.056 | 1.267 |
| IHD | 70 | 17.20 | 1.149 | 1.057 | 1.269 |
| IHD | 70 | 17.30 | 1.15  | 1.057 | 1.27  |
| IHD | 70 | 17.40 | 1.151 | 1.058 | 1.271 |
| IHD | 70 | 17.50 | 1.152 | 1.059 | 1.272 |
| IHD | 70 | 17.60 | 1.153 | 1.059 | 1.274 |
| IHD | 70 | 17.70 | 1.154 | 1.06  | 1.275 |
| IHD | 70 | 17.80 | 1.155 | 1.061 | 1.276 |
| IHD | 70 | 17.90 | 1.156 | 1.061 | 1.277 |
| IHD | 70 | 18.00 | 1.157 | 1.062 | 1.278 |
| IHD | 70 | 18.10 | 1.158 | 1.062 | 1.28  |
| IHD | 70 | 18.20 | 1.158 | 1.063 | 1.281 |
| IHD | 70 | 18.30 | 1.159 | 1.064 | 1.282 |
| IHD | 70 | 18.40 | 1.16  | 1.064 | 1.283 |
| IHD | 70 | 18.50 | 1.161 | 1.065 | 1.285 |
| IHD | 70 | 18.60 | 1.162 | 1.066 | 1.286 |
| IHD | 70 | 18.70 | 1.163 | 1.066 | 1.287 |
| IHD | 70 | 18.80 | 1.164 | 1.067 | 1.288 |
| IHD | 70 | 18.90 | 1.165 | 1.067 | 1.289 |
| IHD | 70 | 19.00 | 1.166 | 1.068 | 1.291 |
| IHD | 70 | 19.10 | 1.167 | 1.069 | 1.292 |
| IHD | 70 | 19.20 | 1.168 | 1.069 | 1.293 |
| IHD | 70 | 19.30 | 1.168 | 1.07  | 1.294 |
| IHD | 70 | 19.40 | 1.169 | 1.071 | 1.295 |
| IHD | 70 | 19.50 | 1.17  | 1.071 | 1.297 |
| IHD | 70 | 19.60 | 1.171 | 1.072 | 1.298 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 19.70 | 1.172 | 1.072 | 1.299 |
| IHD | 70 | 19.80 | 1.173 | 1.073 | 1.3   |
| IHD | 70 | 19.90 | 1.174 | 1.074 | 1.301 |
| IHD | 70 | 20.00 | 1.175 | 1.074 | 1.303 |
| IHD | 70 | 20.10 | 1.176 | 1.075 | 1.304 |
| IHD | 70 | 20.20 | 1.176 | 1.076 | 1.305 |
| IHD | 70 | 20.30 | 1.177 | 1.076 | 1.306 |
| IHD | 70 | 20.40 | 1.178 | 1.077 | 1.307 |
| IHD | 70 | 20.50 | 1.179 | 1.077 | 1.308 |
| IHD | 70 | 20.60 | 1.18  | 1.078 | 1.31  |
| IHD | 70 | 20.70 | 1.181 | 1.079 | 1.311 |
| IHD | 70 | 20.80 | 1.182 | 1.079 | 1.312 |
| IHD | 70 | 20.90 | 1.183 | 1.08  | 1.313 |
| IHD | 70 | 21.00 | 1.183 | 1.08  | 1.314 |
| IHD | 70 | 21.10 | 1.184 | 1.081 | 1.315 |
| IHD | 70 | 21.20 | 1.185 | 1.082 | 1.316 |
| IHD | 70 | 21.30 | 1.186 | 1.082 | 1.318 |
| IHD | 70 | 21.40 | 1.187 | 1.083 | 1.319 |
| IHD | 70 | 21.50 | 1.188 | 1.084 | 1.32  |
| IHD | 70 | 21.60 | 1.189 | 1.084 | 1.321 |
| IHD | 70 | 21.70 | 1.189 | 1.085 | 1.322 |
| IHD | 70 | 21.80 | 1.19  | 1.085 | 1.323 |
| IHD | 70 | 21.90 | 1.191 | 1.086 | 1.324 |
| IHD | 70 | 22.00 | 1.192 | 1.087 | 1.326 |
| IHD | 70 | 22.10 | 1.193 | 1.087 | 1.327 |
| IHD | 70 | 22.20 | 1.194 | 1.088 | 1.328 |
| IHD | 70 | 22.30 | 1.194 | 1.088 | 1.329 |
| IHD | 70 | 22.40 | 1.195 | 1.089 | 1.33  |
| IHD | 70 | 22.50 | 1.196 | 1.09  | 1.332 |
| IHD | 70 | 22.60 | 1.197 | 1.09  | 1.333 |
| IHD | 70 | 22.70 | 1.198 | 1.091 | 1.334 |
| IHD | 70 | 22.80 | 1.199 | 1.091 | 1.335 |
| IHD | 70 | 22.90 | 1.199 | 1.092 | 1.337 |
| IHD | 70 | 23.00 | 1.2   | 1.093 | 1.338 |
| IHD | 70 | 23.10 | 1.201 | 1.093 | 1.339 |
| IHD | 70 | 23.20 | 1.202 | 1.094 | 1.34  |
| IHD | 70 | 23.30 | 1.203 | 1.095 | 1.341 |
| IHD | 70 | 23.40 | 1.203 | 1.095 | 1.342 |
| IHD | 70 | 23.50 | 1.204 | 1.096 | 1.343 |
| IHD | 70 | 23.60 | 1.205 | 1.096 | 1.344 |
| IHD | 70 | 23.70 | 1.206 | 1.097 | 1.345 |
| IHD | 70 | 23.80 | 1.207 | 1.098 | 1.346 |
| IHD | 70 | 23.90 | 1.208 | 1.098 | 1.347 |
| IHD | 70 | 24.00 | 1.208 | 1.099 | 1.349 |
| IHD | 70 | 24.10 | 1.209 | 1.099 | 1.35  |
| IHD | 70 | 24.20 | 1.21  | 1.1   | 1.351 |
| IHD | 70 | 24.30 | 1.211 | 1.101 | 1.352 |
| IHD | 70 | 24.40 | 1.211 | 1.101 | 1.353 |
| IHD | 70 | 24.50 | 1.212 | 1.102 | 1.354 |
| IHD | 70 | 24.60 | 1.213 | 1.102 | 1.355 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 24.70 | 1.214 | 1.103 | 1.356 |
| IHD | 70 | 24.80 | 1.215 | 1.103 | 1.357 |
| IHD | 70 | 24.90 | 1.215 | 1.104 | 1.358 |
| IHD | 70 | 25.00 | 1.216 | 1.105 | 1.359 |
| IHD | 70 | 25.10 | 1.217 | 1.105 | 1.36  |
| IHD | 70 | 25.20 | 1.218 | 1.106 | 1.361 |
| IHD | 70 | 25.30 | 1.219 | 1.106 | 1.362 |
| IHD | 70 | 25.40 | 1.219 | 1.107 | 1.363 |
| IHD | 70 | 25.50 | 1.22  | 1.107 | 1.364 |
| IHD | 70 | 25.60 | 1.221 | 1.108 | 1.365 |
| IHD | 70 | 25.70 | 1.222 | 1.109 | 1.365 |
| IHD | 70 | 25.80 | 1.222 | 1.109 | 1.366 |
| IHD | 70 | 25.90 | 1.223 | 1.11  | 1.367 |
| IHD | 70 | 26.00 | 1.224 | 1.11  | 1.368 |
| IHD | 70 | 26.10 | 1.225 | 1.111 | 1.369 |
| IHD | 70 | 26.20 | 1.225 | 1.111 | 1.37  |
| IHD | 70 | 26.30 | 1.226 | 1.112 | 1.371 |
| IHD | 70 | 26.40 | 1.227 | 1.113 | 1.372 |
| IHD | 70 | 26.50 | 1.228 | 1.113 | 1.373 |
| IHD | 70 | 26.60 | 1.228 | 1.114 | 1.374 |
| IHD | 70 | 26.70 | 1.229 | 1.114 | 1.375 |
| IHD | 70 | 26.80 | 1.23  | 1.115 | 1.376 |
| IHD | 70 | 26.90 | 1.231 | 1.116 | 1.377 |
| IHD | 70 | 27.00 | 1.231 | 1.116 | 1.378 |
| IHD | 70 | 27.10 | 1.232 | 1.117 | 1.379 |
| IHD | 70 | 27.20 | 1.233 | 1.118 | 1.38  |
| IHD | 70 | 27.30 | 1.234 | 1.118 | 1.38  |
| IHD | 70 | 27.40 | 1.234 | 1.119 | 1.381 |
| IHD | 70 | 27.50 | 1.235 | 1.119 | 1.382 |
| IHD | 70 | 27.60 | 1.236 | 1.12  | 1.383 |
| IHD | 70 | 27.70 | 1.236 | 1.121 | 1.384 |
| IHD | 70 | 27.80 | 1.237 | 1.121 | 1.385 |
| IHD | 70 | 27.90 | 1.238 | 1.122 | 1.386 |
| IHD | 70 | 28.00 | 1.239 | 1.123 | 1.387 |
| IHD | 70 | 28.10 | 1.239 | 1.123 | 1.388 |
| IHD | 70 | 28.20 | 1.24  | 1.124 | 1.388 |
| IHD | 70 | 28.30 | 1.241 | 1.124 | 1.389 |
| IHD | 70 | 28.40 | 1.242 | 1.125 | 1.39  |
| IHD | 70 | 28.50 | 1.242 | 1.126 | 1.391 |
| IHD | 70 | 28.60 | 1.243 | 1.126 | 1.392 |
| IHD | 70 | 28.70 | 1.244 | 1.127 | 1.393 |
| IHD | 70 | 28.80 | 1.244 | 1.127 | 1.394 |
| IHD | 70 | 28.90 | 1.245 | 1.128 | 1.394 |
| IHD | 70 | 29.00 | 1.246 | 1.129 | 1.395 |
| IHD | 70 | 29.10 | 1.246 | 1.129 | 1.396 |
| IHD | 70 | 29.20 | 1.247 | 1.13  | 1.397 |
| IHD | 70 | 29.30 | 1.248 | 1.13  | 1.398 |
| IHD | 70 | 29.40 | 1.249 | 1.131 | 1.399 |
| IHD | 70 | 29.50 | 1.249 | 1.131 | 1.399 |
| IHD | 70 | 29.60 | 1.25  | 1.132 | 1.4   |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 29.70 | 1.251 | 1.133 | 1.401 |
| IHD | 70 | 29.80 | 1.251 | 1.133 | 1.402 |
| IHD | 70 | 29.90 | 1.252 | 1.134 | 1.403 |
| IHD | 70 | 30.00 | 1.253 | 1.134 | 1.403 |
| IHD | 70 | 30.10 | 1.253 | 1.135 | 1.404 |
| IHD | 70 | 30.20 | 1.254 | 1.136 | 1.405 |
| IHD | 70 | 30.30 | 1.255 | 1.136 | 1.406 |
| IHD | 70 | 30.40 | 1.255 | 1.137 | 1.406 |
| IHD | 70 | 30.50 | 1.256 | 1.137 | 1.407 |
| IHD | 70 | 30.60 | 1.257 | 1.138 | 1.408 |
| IHD | 70 | 30.70 | 1.257 | 1.139 | 1.408 |
| IHD | 70 | 30.80 | 1.258 | 1.139 | 1.409 |
| IHD | 70 | 30.90 | 1.259 | 1.14  | 1.41  |
| IHD | 70 | 31.00 | 1.259 | 1.14  | 1.41  |
| IHD | 70 | 31.10 | 1.26  | 1.141 | 1.411 |
| IHD | 70 | 31.20 | 1.261 | 1.142 | 1.411 |
| IHD | 70 | 31.30 | 1.261 | 1.142 | 1.412 |
| IHD | 70 | 31.40 | 1.262 | 1.143 | 1.413 |
| IHD | 70 | 31.50 | 1.263 | 1.143 | 1.413 |
| IHD | 70 | 31.60 | 1.263 | 1.144 | 1.414 |
| IHD | 70 | 31.70 | 1.264 | 1.144 | 1.414 |
| IHD | 70 | 31.80 | 1.265 | 1.145 | 1.415 |
| IHD | 70 | 31.90 | 1.265 | 1.145 | 1.416 |
| IHD | 70 | 32.00 | 1.266 | 1.146 | 1.416 |
| IHD | 70 | 32.10 | 1.267 | 1.146 | 1.417 |
| IHD | 70 | 32.20 | 1.267 | 1.147 | 1.418 |
| IHD | 70 | 32.30 | 1.268 | 1.148 | 1.419 |
| IHD | 70 | 32.40 | 1.269 | 1.148 | 1.419 |
| IHD | 70 | 32.50 | 1.269 | 1.149 | 1.42  |
| IHD | 70 | 32.60 | 1.27  | 1.149 | 1.421 |
| IHD | 70 | 32.70 | 1.271 | 1.15  | 1.422 |
| IHD | 70 | 32.80 | 1.271 | 1.15  | 1.423 |
| IHD | 70 | 32.90 | 1.272 | 1.151 | 1.424 |
| IHD | 70 | 33.00 | 1.273 | 1.151 | 1.424 |
| IHD | 70 | 33.10 | 1.273 | 1.152 | 1.425 |
| IHD | 70 | 33.20 | 1.274 | 1.152 | 1.426 |
| IHD | 70 | 33.30 | 1.274 | 1.153 | 1.426 |
| IHD | 70 | 33.40 | 1.275 | 1.154 | 1.427 |
| IHD | 70 | 33.50 | 1.276 | 1.154 | 1.427 |
| IHD | 70 | 33.60 | 1.276 | 1.155 | 1.428 |
| IHD | 70 | 33.70 | 1.277 | 1.155 | 1.429 |
| IHD | 70 | 33.80 | 1.278 | 1.156 | 1.429 |
| IHD | 70 | 33.90 | 1.278 | 1.157 | 1.43  |
| IHD | 70 | 34.00 | 1.279 | 1.157 | 1.431 |
| IHD | 70 | 34.10 | 1.279 | 1.158 | 1.431 |
| IHD | 70 | 34.20 | 1.28  | 1.158 | 1.432 |
| IHD | 70 | 34.30 | 1.281 | 1.159 | 1.432 |
| IHD | 70 | 34.40 | 1.281 | 1.159 | 1.433 |
| IHD | 70 | 34.50 | 1.282 | 1.16  | 1.433 |
| IHD | 70 | 34.60 | 1.282 | 1.161 | 1.434 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 34.70 | 1.283 | 1.161 | 1.435 |
| IHD | 70 | 34.80 | 1.284 | 1.162 | 1.435 |
| IHD | 70 | 34.90 | 1.284 | 1.162 | 1.436 |
| IHD | 70 | 35.00 | 1.285 | 1.163 | 1.436 |
| IHD | 70 | 35.10 | 1.286 | 1.163 | 1.437 |
| IHD | 70 | 35.20 | 1.286 | 1.164 | 1.438 |
| IHD | 70 | 35.30 | 1.287 | 1.165 | 1.438 |
| IHD | 70 | 35.40 | 1.287 | 1.165 | 1.439 |
| IHD | 70 | 35.50 | 1.288 | 1.166 | 1.44  |
| IHD | 70 | 35.60 | 1.288 | 1.166 | 1.44  |
| IHD | 70 | 35.70 | 1.289 | 1.167 | 1.441 |
| IHD | 70 | 35.80 | 1.29  | 1.167 | 1.442 |
| IHD | 70 | 35.90 | 1.29  | 1.168 | 1.442 |
| IHD | 70 | 36.00 | 1.291 | 1.168 | 1.443 |
| IHD | 70 | 36.10 | 1.291 | 1.169 | 1.444 |
| IHD | 70 | 36.20 | 1.292 | 1.17  | 1.444 |
| IHD | 70 | 36.30 | 1.293 | 1.17  | 1.445 |
| IHD | 70 | 36.40 | 1.293 | 1.171 | 1.446 |
| IHD | 70 | 36.50 | 1.294 | 1.171 | 1.446 |
| IHD | 70 | 36.60 | 1.294 | 1.172 | 1.447 |
| IHD | 70 | 36.70 | 1.295 | 1.172 | 1.447 |
| IHD | 70 | 36.80 | 1.296 | 1.173 | 1.448 |
| IHD | 70 | 36.90 | 1.296 | 1.173 | 1.449 |
| IHD | 70 | 37.00 | 1.297 | 1.174 | 1.449 |
| IHD | 70 | 37.10 | 1.297 | 1.174 | 1.45  |
| IHD | 70 | 37.20 | 1.298 | 1.175 | 1.451 |
| IHD | 70 | 37.30 | 1.298 | 1.176 | 1.451 |
| IHD | 70 | 37.40 | 1.299 | 1.176 | 1.452 |
| IHD | 70 | 37.50 | 1.3   | 1.177 | 1.452 |
| IHD | 70 | 37.60 | 1.3   | 1.177 | 1.453 |
| IHD | 70 | 37.70 | 1.301 | 1.178 | 1.454 |
| IHD | 70 | 37.80 | 1.301 | 1.178 | 1.454 |
| IHD | 70 | 37.90 | 1.302 | 1.179 | 1.455 |
| IHD | 70 | 38.00 | 1.302 | 1.179 | 1.456 |
| IHD | 70 | 38.10 | 1.303 | 1.18  | 1.456 |
| IHD | 70 | 38.20 | 1.303 | 1.18  | 1.457 |
| IHD | 70 | 38.30 | 1.304 | 1.181 | 1.457 |
| IHD | 70 | 38.40 | 1.305 | 1.182 | 1.458 |
| IHD | 70 | 38.50 | 1.305 | 1.182 | 1.458 |
| IHD | 70 | 38.60 | 1.306 | 1.183 | 1.459 |
| IHD | 70 | 38.70 | 1.306 | 1.183 | 1.46  |
| IHD | 70 | 38.80 | 1.307 | 1.184 | 1.46  |
| IHD | 70 | 38.90 | 1.307 | 1.184 | 1.461 |
| IHD | 70 | 39.00 | 1.308 | 1.185 | 1.461 |
| IHD | 70 | 39.10 | 1.308 | 1.185 | 1.462 |
| IHD | 70 | 39.20 | 1.309 | 1.186 | 1.462 |
| IHD | 70 | 39.30 | 1.31  | 1.186 | 1.463 |
| IHD | 70 | 39.40 | 1.31  | 1.187 | 1.463 |
| IHD | 70 | 39.50 | 1.311 | 1.187 | 1.464 |
| IHD | 70 | 39.60 | 1.311 | 1.188 | 1.464 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 39.70 | 1.312 | 1.189 | 1.465 |
| IHD | 70 | 39.80 | 1.312 | 1.189 | 1.465 |
| IHD | 70 | 39.90 | 1.313 | 1.19  | 1.466 |
| IHD | 70 | 40.00 | 1.313 | 1.19  | 1.466 |
| IHD | 70 | 40.10 | 1.314 | 1.191 | 1.467 |
| IHD | 70 | 40.20 | 1.314 | 1.191 | 1.467 |
| IHD | 70 | 40.30 | 1.315 | 1.192 | 1.468 |
| IHD | 70 | 40.40 | 1.315 | 1.192 | 1.468 |
| IHD | 70 | 40.50 | 1.316 | 1.192 | 1.469 |
| IHD | 70 | 40.60 | 1.317 | 1.193 | 1.47  |
| IHD | 70 | 40.70 | 1.317 | 1.193 | 1.47  |
| IHD | 70 | 40.80 | 1.318 | 1.194 | 1.471 |
| IHD | 70 | 40.90 | 1.318 | 1.194 | 1.471 |
| IHD | 70 | 41.00 | 1.319 | 1.195 | 1.472 |
| IHD | 70 | 41.10 | 1.319 | 1.195 | 1.472 |
| IHD | 70 | 41.20 | 1.32  | 1.196 | 1.473 |
| IHD | 70 | 41.30 | 1.32  | 1.196 | 1.473 |
| IHD | 70 | 41.40 | 1.321 | 1.196 | 1.473 |
| IHD | 70 | 41.50 | 1.321 | 1.197 | 1.474 |
| IHD | 70 | 41.60 | 1.322 | 1.197 | 1.474 |
| IHD | 70 | 41.70 | 1.322 | 1.198 | 1.475 |
| IHD | 70 | 41.80 | 1.323 | 1.198 | 1.475 |
| IHD | 70 | 41.90 | 1.323 | 1.199 | 1.476 |
| IHD | 70 | 42.00 | 1.324 | 1.199 | 1.476 |
| IHD | 70 | 42.10 | 1.324 | 1.199 | 1.477 |
| IHD | 70 | 42.20 | 1.325 | 1.2   | 1.477 |
| IHD | 70 | 42.30 | 1.325 | 1.2   | 1.477 |
| IHD | 70 | 42.40 | 1.326 | 1.201 | 1.478 |
| IHD | 70 | 42.50 | 1.326 | 1.201 | 1.478 |
| IHD | 70 | 42.60 | 1.327 | 1.201 | 1.479 |
| IHD | 70 | 42.70 | 1.327 | 1.202 | 1.479 |
| IHD | 70 | 42.80 | 1.328 | 1.202 | 1.48  |
| IHD | 70 | 42.90 | 1.328 | 1.203 | 1.48  |
| IHD | 70 | 43.00 | 1.329 | 1.203 | 1.481 |
| IHD | 70 | 43.10 | 1.329 | 1.204 | 1.481 |
| IHD | 70 | 43.20 | 1.33  | 1.204 | 1.482 |
| IHD | 70 | 43.30 | 1.33  | 1.204 | 1.482 |
| IHD | 70 | 43.40 | 1.331 | 1.205 | 1.483 |
| IHD | 70 | 43.50 | 1.331 | 1.205 | 1.483 |
| IHD | 70 | 43.60 | 1.332 | 1.206 | 1.484 |
| IHD | 70 | 43.70 | 1.332 | 1.206 | 1.484 |
| IHD | 70 | 43.80 | 1.333 | 1.207 | 1.485 |
| IHD | 70 | 43.90 | 1.333 | 1.207 | 1.485 |
| IHD | 70 | 44.00 | 1.334 | 1.207 | 1.486 |
| IHD | 70 | 44.10 | 1.334 | 1.208 | 1.486 |
| IHD | 70 | 44.20 | 1.335 | 1.209 | 1.487 |
| IHD | 70 | 44.30 | 1.335 | 1.209 | 1.487 |
| IHD | 70 | 44.40 | 1.336 | 1.21  | 1.487 |
| IHD | 70 | 44.50 | 1.336 | 1.21  | 1.488 |
| IHD | 70 | 44.60 | 1.337 | 1.211 | 1.488 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 44.70 | 1.337 | 1.212 | 1.489 |
| IHD | 70 | 44.80 | 1.338 | 1.212 | 1.489 |
| IHD | 70 | 44.90 | 1.338 | 1.213 | 1.489 |
| IHD | 70 | 45.00 | 1.339 | 1.213 | 1.49  |
| IHD | 70 | 45.10 | 1.339 | 1.214 | 1.49  |
| IHD | 70 | 45.20 | 1.34  | 1.214 | 1.491 |
| IHD | 70 | 45.30 | 1.34  | 1.215 | 1.491 |
| IHD | 70 | 45.40 | 1.341 | 1.215 | 1.492 |
| IHD | 70 | 45.50 | 1.341 | 1.216 | 1.492 |
| IHD | 70 | 45.60 | 1.341 | 1.216 | 1.492 |
| IHD | 70 | 45.70 | 1.342 | 1.216 | 1.493 |
| IHD | 70 | 45.80 | 1.342 | 1.217 | 1.493 |
| IHD | 70 | 45.90 | 1.343 | 1.217 | 1.494 |
| IHD | 70 | 46.00 | 1.343 | 1.218 | 1.494 |
| IHD | 70 | 46.10 | 1.344 | 1.218 | 1.495 |
| IHD | 70 | 46.20 | 1.344 | 1.219 | 1.495 |
| IHD | 70 | 46.30 | 1.345 | 1.219 | 1.496 |
| IHD | 70 | 46.40 | 1.345 | 1.22  | 1.496 |
| IHD | 70 | 46.50 | 1.346 | 1.22  | 1.497 |
| IHD | 70 | 46.60 | 1.346 | 1.221 | 1.497 |
| IHD | 70 | 46.70 | 1.347 | 1.221 | 1.498 |
| IHD | 70 | 46.80 | 1.347 | 1.222 | 1.498 |
| IHD | 70 | 46.90 | 1.348 | 1.222 | 1.499 |
| IHD | 70 | 47.00 | 1.348 | 1.223 | 1.499 |
| IHD | 70 | 47.10 | 1.348 | 1.223 | 1.5   |
| IHD | 70 | 47.20 | 1.349 | 1.224 | 1.5   |
| IHD | 70 | 47.30 | 1.349 | 1.224 | 1.501 |
| IHD | 70 | 47.40 | 1.35  | 1.224 | 1.501 |
| IHD | 70 | 47.50 | 1.35  | 1.225 | 1.502 |
| IHD | 70 | 47.60 | 1.351 | 1.225 | 1.502 |
| IHD | 70 | 47.70 | 1.351 | 1.226 | 1.502 |
| IHD | 70 | 47.80 | 1.352 | 1.226 | 1.503 |
| IHD | 70 | 47.90 | 1.352 | 1.226 | 1.503 |
| IHD | 70 | 48.00 | 1.353 | 1.227 | 1.504 |
| IHD | 70 | 48.10 | 1.353 | 1.227 | 1.504 |
| IHD | 70 | 48.20 | 1.353 | 1.227 | 1.505 |
| IHD | 70 | 48.30 | 1.354 | 1.228 | 1.505 |
| IHD | 70 | 48.40 | 1.354 | 1.228 | 1.506 |
| IHD | 70 | 48.50 | 1.355 | 1.228 | 1.506 |
| IHD | 70 | 48.60 | 1.355 | 1.229 | 1.507 |
| IHD | 70 | 48.70 | 1.356 | 1.229 | 1.507 |
| IHD | 70 | 48.80 | 1.356 | 1.23  | 1.507 |
| IHD | 70 | 48.90 | 1.356 | 1.23  | 1.508 |
| IHD | 70 | 49.00 | 1.357 | 1.23  | 1.508 |
| IHD | 70 | 49.10 | 1.357 | 1.231 | 1.509 |
| IHD | 70 | 49.20 | 1.358 | 1.231 | 1.509 |
| IHD | 70 | 49.30 | 1.358 | 1.231 | 1.51  |
| IHD | 70 | 49.40 | 1.359 | 1.231 | 1.51  |
| IHD | 70 | 49.50 | 1.359 | 1.232 | 1.511 |
| IHD | 70 | 49.60 | 1.36  | 1.232 | 1.511 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 70 | 49.70 | 1.36  | 1.232 | 1.511 |
| IHD | 70 | 49.80 | 1.36  | 1.233 | 1.512 |
| IHD | 70 | 49.90 | 1.361 | 1.233 | 1.512 |
| IHD | 75 | 0.00  | 1     | 1     | 1     |
| IHD | 75 | 0.10  | 1     | 1     | 1     |
| IHD | 75 | 0.20  | 1     | 1     | 1     |
| IHD | 75 | 0.30  | 1     | 1     | 1     |
| IHD | 75 | 0.40  | 1     | 1     | 1     |
| IHD | 75 | 0.50  | 1     | 1     | 1     |
| IHD | 75 | 0.60  | 1     | 1     | 1     |
| IHD | 75 | 0.70  | 1     | 1     | 1     |
| IHD | 75 | 0.80  | 1     | 1     | 1     |
| IHD | 75 | 0.90  | 1     | 1     | 1     |
| IHD | 75 | 1.00  | 1     | 1     | 1     |
| IHD | 75 | 1.10  | 1     | 1     | 1     |
| IHD | 75 | 1.20  | 1     | 1     | 1     |
| IHD | 75 | 1.30  | 1     | 1     | 1     |
| IHD | 75 | 1.40  | 1     | 1     | 1     |
| IHD | 75 | 1.50  | 1     | 1     | 1     |
| IHD | 75 | 1.60  | 1     | 1     | 1     |
| IHD | 75 | 1.70  | 1     | 1     | 1     |
| IHD | 75 | 1.80  | 1     | 1     | 1     |
| IHD | 75 | 1.90  | 1     | 1     | 1     |
| IHD | 75 | 2.00  | 1     | 1     | 1.001 |
| IHD | 75 | 2.10  | 1     | 1     | 1.002 |
| IHD | 75 | 2.20  | 1     | 1     | 1.004 |
| IHD | 75 | 2.30  | 1     | 1     | 1.006 |
| IHD | 75 | 2.40  | 1     | 1     | 1.007 |
| IHD | 75 | 2.50  | 1.001 | 1     | 1.009 |
| IHD | 75 | 2.60  | 1.001 | 1     | 1.011 |
| IHD | 75 | 2.70  | 1.001 | 1     | 1.012 |
| IHD | 75 | 2.80  | 1.001 | 1     | 1.014 |
| IHD | 75 | 2.90  | 1.002 | 1     | 1.016 |
| IHD | 75 | 3.00  | 1.002 | 1     | 1.017 |
| IHD | 75 | 3.10  | 1.002 | 1     | 1.019 |
| IHD | 75 | 3.20  | 1.003 | 1     | 1.021 |
| IHD | 75 | 3.30  | 1.003 | 1     | 1.022 |
| IHD | 75 | 3.40  | 1.003 | 1     | 1.024 |
| IHD | 75 | 3.50  | 1.004 | 1     | 1.026 |
| IHD | 75 | 3.60  | 1.004 | 1     | 1.027 |
| IHD | 75 | 3.70  | 1.005 | 1     | 1.029 |
| IHD | 75 | 3.80  | 1.005 | 1     | 1.031 |
| IHD | 75 | 3.90  | 1.006 | 1     | 1.032 |
| IHD | 75 | 4.00  | 1.006 | 1     | 1.034 |
| IHD | 75 | 4.10  | 1.007 | 1     | 1.036 |
| IHD | 75 | 4.20  | 1.008 | 1     | 1.037 |
| IHD | 75 | 4.30  | 1.008 | 1     | 1.039 |
| IHD | 75 | 4.40  | 1.009 | 1     | 1.041 |
| IHD | 75 | 4.50  | 1.01  | 1     | 1.042 |
| IHD | 75 | 4.60  | 1.01  | 1     | 1.044 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 75 | 4.70 | 1.011 | 1     | 1.046 |
| IHD | 75 | 4.80 | 1.012 | 1     | 1.048 |
| IHD | 75 | 4.90 | 1.013 | 1     | 1.049 |
| IHD | 75 | 5.00 | 1.013 | 1     | 1.051 |
| IHD | 75 | 5.10 | 1.014 | 1     | 1.052 |
| IHD | 75 | 5.20 | 1.015 | 1     | 1.054 |
| IHD | 75 | 5.30 | 1.016 | 1     | 1.055 |
| IHD | 75 | 5.40 | 1.017 | 1     | 1.057 |
| IHD | 75 | 5.50 | 1.018 | 1     | 1.058 |
| IHD | 75 | 5.60 | 1.019 | 1     | 1.06  |
| IHD | 75 | 5.70 | 1.02  | 1     | 1.061 |
| IHD | 75 | 5.80 | 1.02  | 1     | 1.063 |
| IHD | 75 | 5.90 | 1.021 | 1     | 1.065 |
| IHD | 75 | 6.00 | 1.022 | 1     | 1.066 |
| IHD | 75 | 6.10 | 1.023 | 1     | 1.068 |
| IHD | 75 | 6.20 | 1.024 | 1     | 1.069 |
| IHD | 75 | 6.30 | 1.025 | 1     | 1.071 |
| IHD | 75 | 6.40 | 1.026 | 1     | 1.073 |
| IHD | 75 | 6.50 | 1.027 | 1     | 1.074 |
| IHD | 75 | 6.60 | 1.028 | 1     | 1.076 |
| IHD | 75 | 6.70 | 1.029 | 1     | 1.077 |
| IHD | 75 | 6.80 | 1.03  | 1     | 1.079 |
| IHD | 75 | 6.90 | 1.031 | 1     | 1.081 |
| IHD | 75 | 7.00 | 1.032 | 1     | 1.082 |
| IHD | 75 | 7.10 | 1.033 | 1     | 1.084 |
| IHD | 75 | 7.20 | 1.034 | 1     | 1.085 |
| IHD | 75 | 7.30 | 1.035 | 1     | 1.087 |
| IHD | 75 | 7.40 | 1.036 | 1     | 1.088 |
| IHD | 75 | 7.50 | 1.037 | 1     | 1.09  |
| IHD | 75 | 7.60 | 1.038 | 1     | 1.091 |
| IHD | 75 | 7.70 | 1.039 | 1     | 1.093 |
| IHD | 75 | 7.80 | 1.04  | 1     | 1.094 |
| IHD | 75 | 7.90 | 1.041 | 1     | 1.096 |
| IHD | 75 | 8.00 | 1.042 | 1     | 1.097 |
| IHD | 75 | 8.10 | 1.043 | 1     | 1.099 |
| IHD | 75 | 8.20 | 1.044 | 1     | 1.1   |
| IHD | 75 | 8.30 | 1.045 | 1     | 1.102 |
| IHD | 75 | 8.40 | 1.046 | 1     | 1.103 |
| IHD | 75 | 8.50 | 1.047 | 1     | 1.105 |
| IHD | 75 | 8.60 | 1.048 | 1     | 1.106 |
| IHD | 75 | 8.70 | 1.049 | 1     | 1.108 |
| IHD | 75 | 8.80 | 1.05  | 1.001 | 1.109 |
| IHD | 75 | 8.90 | 1.051 | 1.002 | 1.111 |
| IHD | 75 | 9.00 | 1.052 | 1.002 | 1.113 |
| IHD | 75 | 9.10 | 1.053 | 1.003 | 1.114 |
| IHD | 75 | 9.20 | 1.054 | 1.004 | 1.116 |
| IHD | 75 | 9.30 | 1.055 | 1.004 | 1.117 |
| IHD | 75 | 9.40 | 1.056 | 1.005 | 1.118 |
| IHD | 75 | 9.50 | 1.057 | 1.006 | 1.12  |
| IHD | 75 | 9.60 | 1.058 | 1.006 | 1.121 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 9.70  | 1.059 | 1.007 | 1.122 |
| IHD | 75 | 9.80  | 1.059 | 1.008 | 1.124 |
| IHD | 75 | 9.90  | 1.06  | 1.008 | 1.125 |
| IHD | 75 | 10.00 | 1.061 | 1.009 | 1.126 |
| IHD | 75 | 10.10 | 1.062 | 1.009 | 1.128 |
| IHD | 75 | 10.20 | 1.063 | 1.01  | 1.129 |
| IHD | 75 | 10.30 | 1.064 | 1.01  | 1.131 |
| IHD | 75 | 10.40 | 1.065 | 1.011 | 1.132 |
| IHD | 75 | 10.50 | 1.066 | 1.011 | 1.133 |
| IHD | 75 | 10.60 | 1.067 | 1.012 | 1.135 |
| IHD | 75 | 10.70 | 1.068 | 1.013 | 1.136 |
| IHD | 75 | 10.80 | 1.069 | 1.013 | 1.138 |
| IHD | 75 | 10.90 | 1.07  | 1.014 | 1.139 |
| IHD | 75 | 11.00 | 1.071 | 1.014 | 1.14  |
| IHD | 75 | 11.10 | 1.072 | 1.015 | 1.142 |
| IHD | 75 | 11.20 | 1.073 | 1.016 | 1.143 |
| IHD | 75 | 11.30 | 1.074 | 1.016 | 1.144 |
| IHD | 75 | 11.40 | 1.075 | 1.017 | 1.146 |
| IHD | 75 | 11.50 | 1.076 | 1.018 | 1.147 |
| IHD | 75 | 11.60 | 1.077 | 1.018 | 1.148 |
| IHD | 75 | 11.70 | 1.077 | 1.019 | 1.15  |
| IHD | 75 | 11.80 | 1.078 | 1.02  | 1.151 |
| IHD | 75 | 11.90 | 1.079 | 1.02  | 1.152 |
| IHD | 75 | 12.00 | 1.08  | 1.021 | 1.153 |
| IHD | 75 | 12.10 | 1.081 | 1.022 | 1.155 |
| IHD | 75 | 12.20 | 1.082 | 1.022 | 1.156 |
| IHD | 75 | 12.30 | 1.083 | 1.023 | 1.157 |
| IHD | 75 | 12.40 | 1.084 | 1.023 | 1.158 |
| IHD | 75 | 12.50 | 1.085 | 1.024 | 1.16  |
| IHD | 75 | 12.60 | 1.086 | 1.024 | 1.161 |
| IHD | 75 | 12.70 | 1.087 | 1.025 | 1.162 |
| IHD | 75 | 12.80 | 1.088 | 1.025 | 1.163 |
| IHD | 75 | 12.90 | 1.088 | 1.026 | 1.165 |
| IHD | 75 | 13.00 | 1.089 | 1.027 | 1.166 |
| IHD | 75 | 13.10 | 1.09  | 1.027 | 1.167 |
| IHD | 75 | 13.20 | 1.091 | 1.028 | 1.168 |
| IHD | 75 | 13.30 | 1.092 | 1.028 | 1.17  |
| IHD | 75 | 13.40 | 1.093 | 1.029 | 1.171 |
| IHD | 75 | 13.50 | 1.094 | 1.029 | 1.172 |
| IHD | 75 | 13.60 | 1.095 | 1.03  | 1.173 |
| IHD | 75 | 13.70 | 1.096 | 1.03  | 1.175 |
| IHD | 75 | 13.80 | 1.096 | 1.031 | 1.176 |
| IHD | 75 | 13.90 | 1.097 | 1.032 | 1.177 |
| IHD | 75 | 14.00 | 1.098 | 1.032 | 1.178 |
| IHD | 75 | 14.10 | 1.099 | 1.033 | 1.18  |
| IHD | 75 | 14.20 | 1.1   | 1.033 | 1.181 |
| IHD | 75 | 14.30 | 1.101 | 1.034 | 1.182 |
| IHD | 75 | 14.40 | 1.102 | 1.035 | 1.183 |
| IHD | 75 | 14.50 | 1.103 | 1.035 | 1.185 |
| IHD | 75 | 14.60 | 1.103 | 1.036 | 1.186 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 14.70 | 1.104 | 1.036 | 1.187 |
| IHD | 75 | 14.80 | 1.105 | 1.037 | 1.188 |
| IHD | 75 | 14.90 | 1.106 | 1.038 | 1.19  |
| IHD | 75 | 15.00 | 1.107 | 1.038 | 1.191 |
| IHD | 75 | 15.10 | 1.108 | 1.039 | 1.192 |
| IHD | 75 | 15.20 | 1.109 | 1.039 | 1.193 |
| IHD | 75 | 15.30 | 1.11  | 1.04  | 1.194 |
| IHD | 75 | 15.40 | 1.11  | 1.041 | 1.196 |
| IHD | 75 | 15.50 | 1.111 | 1.041 | 1.197 |
| IHD | 75 | 15.60 | 1.112 | 1.042 | 1.198 |
| IHD | 75 | 15.70 | 1.113 | 1.042 | 1.199 |
| IHD | 75 | 15.80 | 1.114 | 1.043 | 1.2   |
| IHD | 75 | 15.90 | 1.115 | 1.044 | 1.201 |
| IHD | 75 | 16.00 | 1.115 | 1.044 | 1.203 |
| IHD | 75 | 16.10 | 1.116 | 1.045 | 1.204 |
| IHD | 75 | 16.20 | 1.117 | 1.045 | 1.205 |
| IHD | 75 | 16.30 | 1.118 | 1.046 | 1.206 |
| IHD | 75 | 16.40 | 1.119 | 1.047 | 1.207 |
| IHD | 75 | 16.50 | 1.12  | 1.047 | 1.208 |
| IHD | 75 | 16.60 | 1.12  | 1.048 | 1.209 |
| IHD | 75 | 16.70 | 1.121 | 1.049 | 1.21  |
| IHD | 75 | 16.80 | 1.122 | 1.049 | 1.211 |
| IHD | 75 | 16.90 | 1.123 | 1.05  | 1.212 |
| IHD | 75 | 17.00 | 1.124 | 1.05  | 1.213 |
| IHD | 75 | 17.10 | 1.125 | 1.051 | 1.214 |
| IHD | 75 | 17.20 | 1.125 | 1.052 | 1.215 |
| IHD | 75 | 17.30 | 1.126 | 1.052 | 1.217 |
| IHD | 75 | 17.40 | 1.127 | 1.053 | 1.218 |
| IHD | 75 | 17.50 | 1.128 | 1.053 | 1.219 |
| IHD | 75 | 17.60 | 1.129 | 1.054 | 1.22  |
| IHD | 75 | 17.70 | 1.129 | 1.054 | 1.221 |
| IHD | 75 | 17.80 | 1.13  | 1.055 | 1.222 |
| IHD | 75 | 17.90 | 1.131 | 1.055 | 1.223 |
| IHD | 75 | 18.00 | 1.132 | 1.056 | 1.224 |
| IHD | 75 | 18.10 | 1.133 | 1.056 | 1.225 |
| IHD | 75 | 18.20 | 1.133 | 1.057 | 1.226 |
| IHD | 75 | 18.30 | 1.134 | 1.057 | 1.227 |
| IHD | 75 | 18.40 | 1.135 | 1.058 | 1.228 |
| IHD | 75 | 18.50 | 1.136 | 1.058 | 1.229 |
| IHD | 75 | 18.60 | 1.137 | 1.059 | 1.23  |
| IHD | 75 | 18.70 | 1.137 | 1.059 | 1.231 |
| IHD | 75 | 18.80 | 1.138 | 1.059 | 1.232 |
| IHD | 75 | 18.90 | 1.139 | 1.06  | 1.233 |
| IHD | 75 | 19.00 | 1.14  | 1.06  | 1.234 |
| IHD | 75 | 19.10 | 1.14  | 1.061 | 1.235 |
| IHD | 75 | 19.20 | 1.141 | 1.061 | 1.236 |
| IHD | 75 | 19.30 | 1.142 | 1.062 | 1.237 |
| IHD | 75 | 19.40 | 1.143 | 1.062 | 1.238 |
| IHD | 75 | 19.50 | 1.144 | 1.063 | 1.239 |
| IHD | 75 | 19.60 | 1.144 | 1.063 | 1.24  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 19.70 | 1.145 | 1.064 | 1.24  |
| IHD | 75 | 19.80 | 1.146 | 1.064 | 1.241 |
| IHD | 75 | 19.90 | 1.147 | 1.065 | 1.242 |
| IHD | 75 | 20.00 | 1.147 | 1.065 | 1.243 |
| IHD | 75 | 20.10 | 1.148 | 1.066 | 1.244 |
| IHD | 75 | 20.20 | 1.149 | 1.066 | 1.245 |
| IHD | 75 | 20.30 | 1.15  | 1.067 | 1.246 |
| IHD | 75 | 20.40 | 1.15  | 1.067 | 1.247 |
| IHD | 75 | 20.50 | 1.151 | 1.068 | 1.248 |
| IHD | 75 | 20.60 | 1.152 | 1.068 | 1.249 |
| IHD | 75 | 20.70 | 1.153 | 1.069 | 1.25  |
| IHD | 75 | 20.80 | 1.153 | 1.069 | 1.25  |
| IHD | 75 | 20.90 | 1.154 | 1.07  | 1.251 |
| IHD | 75 | 21.00 | 1.155 | 1.07  | 1.252 |
| IHD | 75 | 21.10 | 1.156 | 1.071 | 1.253 |
| IHD | 75 | 21.20 | 1.156 | 1.072 | 1.254 |
| IHD | 75 | 21.30 | 1.157 | 1.072 | 1.255 |
| IHD | 75 | 21.40 | 1.158 | 1.073 | 1.256 |
| IHD | 75 | 21.50 | 1.159 | 1.073 | 1.257 |
| IHD | 75 | 21.60 | 1.159 | 1.074 | 1.258 |
| IHD | 75 | 21.70 | 1.16  | 1.074 | 1.259 |
| IHD | 75 | 21.80 | 1.161 | 1.075 | 1.26  |
| IHD | 75 | 21.90 | 1.161 | 1.075 | 1.261 |
| IHD | 75 | 22.00 | 1.162 | 1.076 | 1.261 |
| IHD | 75 | 22.10 | 1.163 | 1.077 | 1.262 |
| IHD | 75 | 22.20 | 1.164 | 1.077 | 1.263 |
| IHD | 75 | 22.30 | 1.164 | 1.078 | 1.264 |
| IHD | 75 | 22.40 | 1.165 | 1.078 | 1.265 |
| IHD | 75 | 22.50 | 1.166 | 1.079 | 1.266 |
| IHD | 75 | 22.60 | 1.166 | 1.079 | 1.267 |
| IHD | 75 | 22.70 | 1.167 | 1.08  | 1.267 |
| IHD | 75 | 22.80 | 1.168 | 1.08  | 1.268 |
| IHD | 75 | 22.90 | 1.169 | 1.081 | 1.269 |
| IHD | 75 | 23.00 | 1.169 | 1.081 | 1.27  |
| IHD | 75 | 23.10 | 1.17  | 1.082 | 1.271 |
| IHD | 75 | 23.20 | 1.171 | 1.083 | 1.272 |
| IHD | 75 | 23.30 | 1.171 | 1.083 | 1.273 |
| IHD | 75 | 23.40 | 1.172 | 1.084 | 1.273 |
| IHD | 75 | 23.50 | 1.173 | 1.084 | 1.274 |
| IHD | 75 | 23.60 | 1.174 | 1.085 | 1.275 |
| IHD | 75 | 23.70 | 1.174 | 1.085 | 1.276 |
| IHD | 75 | 23.80 | 1.175 | 1.086 | 1.277 |
| IHD | 75 | 23.90 | 1.176 | 1.086 | 1.277 |
| IHD | 75 | 24.00 | 1.176 | 1.087 | 1.278 |
| IHD | 75 | 24.10 | 1.177 | 1.088 | 1.279 |
| IHD | 75 | 24.20 | 1.178 | 1.088 | 1.28  |
| IHD | 75 | 24.30 | 1.178 | 1.089 | 1.281 |
| IHD | 75 | 24.40 | 1.179 | 1.089 | 1.281 |
| IHD | 75 | 24.50 | 1.18  | 1.09  | 1.282 |
| IHD | 75 | 24.60 | 1.18  | 1.09  | 1.283 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 24.70 | 1.181 | 1.091 | 1.284 |
| IHD | 75 | 24.80 | 1.182 | 1.091 | 1.284 |
| IHD | 75 | 24.90 | 1.182 | 1.092 | 1.285 |
| IHD | 75 | 25.00 | 1.183 | 1.092 | 1.286 |
| IHD | 75 | 25.10 | 1.184 | 1.093 | 1.287 |
| IHD | 75 | 25.20 | 1.184 | 1.093 | 1.287 |
| IHD | 75 | 25.30 | 1.185 | 1.094 | 1.288 |
| IHD | 75 | 25.40 | 1.186 | 1.094 | 1.289 |
| IHD | 75 | 25.50 | 1.186 | 1.095 | 1.289 |
| IHD | 75 | 25.60 | 1.187 | 1.095 | 1.29  |
| IHD | 75 | 25.70 | 1.188 | 1.096 | 1.291 |
| IHD | 75 | 25.80 | 1.188 | 1.096 | 1.292 |
| IHD | 75 | 25.90 | 1.189 | 1.097 | 1.292 |
| IHD | 75 | 26.00 | 1.19  | 1.098 | 1.293 |
| IHD | 75 | 26.10 | 1.19  | 1.098 | 1.294 |
| IHD | 75 | 26.20 | 1.191 | 1.099 | 1.294 |
| IHD | 75 | 26.30 | 1.192 | 1.099 | 1.295 |
| IHD | 75 | 26.40 | 1.192 | 1.1   | 1.296 |
| IHD | 75 | 26.50 | 1.193 | 1.1   | 1.296 |
| IHD | 75 | 26.60 | 1.194 | 1.101 | 1.297 |
| IHD | 75 | 26.70 | 1.194 | 1.102 | 1.298 |
| IHD | 75 | 26.80 | 1.195 | 1.102 | 1.299 |
| IHD | 75 | 26.90 | 1.195 | 1.103 | 1.299 |
| IHD | 75 | 27.00 | 1.196 | 1.103 | 1.3   |
| IHD | 75 | 27.10 | 1.197 | 1.104 | 1.301 |
| IHD | 75 | 27.20 | 1.197 | 1.104 | 1.301 |
| IHD | 75 | 27.30 | 1.198 | 1.105 | 1.302 |
| IHD | 75 | 27.40 | 1.199 | 1.105 | 1.303 |
| IHD | 75 | 27.50 | 1.199 | 1.106 | 1.303 |
| IHD | 75 | 27.60 | 1.2   | 1.107 | 1.304 |
| IHD | 75 | 27.70 | 1.201 | 1.107 | 1.305 |
| IHD | 75 | 27.80 | 1.201 | 1.108 | 1.305 |
| IHD | 75 | 27.90 | 1.202 | 1.108 | 1.306 |
| IHD | 75 | 28.00 | 1.202 | 1.109 | 1.307 |
| IHD | 75 | 28.10 | 1.203 | 1.109 | 1.307 |
| IHD | 75 | 28.20 | 1.204 | 1.11  | 1.308 |
| IHD | 75 | 28.30 | 1.204 | 1.11  | 1.309 |
| IHD | 75 | 28.40 | 1.205 | 1.111 | 1.31  |
| IHD | 75 | 28.50 | 1.205 | 1.111 | 1.31  |
| IHD | 75 | 28.60 | 1.206 | 1.112 | 1.311 |
| IHD | 75 | 28.70 | 1.207 | 1.112 | 1.312 |
| IHD | 75 | 28.80 | 1.207 | 1.113 | 1.312 |
| IHD | 75 | 28.90 | 1.208 | 1.113 | 1.313 |
| IHD | 75 | 29.00 | 1.209 | 1.114 | 1.314 |
| IHD | 75 | 29.10 | 1.209 | 1.114 | 1.314 |
| IHD | 75 | 29.20 | 1.21  | 1.114 | 1.315 |
| IHD | 75 | 29.30 | 1.21  | 1.115 | 1.316 |
| IHD | 75 | 29.40 | 1.211 | 1.115 | 1.317 |
| IHD | 75 | 29.50 | 1.211 | 1.116 | 1.317 |
| IHD | 75 | 29.60 | 1.212 | 1.116 | 1.318 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 29.70 | 1.213 | 1.117 | 1.319 |
| IHD | 75 | 29.80 | 1.213 | 1.117 | 1.32  |
| IHD | 75 | 29.90 | 1.214 | 1.117 | 1.32  |
| IHD | 75 | 30.00 | 1.214 | 1.118 | 1.321 |
| IHD | 75 | 30.10 | 1.215 | 1.118 | 1.322 |
| IHD | 75 | 30.20 | 1.216 | 1.119 | 1.322 |
| IHD | 75 | 30.30 | 1.216 | 1.119 | 1.323 |
| IHD | 75 | 30.40 | 1.217 | 1.12  | 1.324 |
| IHD | 75 | 30.50 | 1.217 | 1.12  | 1.324 |
| IHD | 75 | 30.60 | 1.218 | 1.121 | 1.325 |
| IHD | 75 | 30.70 | 1.219 | 1.121 | 1.325 |
| IHD | 75 | 30.80 | 1.219 | 1.122 | 1.326 |
| IHD | 75 | 30.90 | 1.22  | 1.122 | 1.327 |
| IHD | 75 | 31.00 | 1.22  | 1.123 | 1.327 |
| IHD | 75 | 31.10 | 1.221 | 1.123 | 1.328 |
| IHD | 75 | 31.20 | 1.221 | 1.124 | 1.329 |
| IHD | 75 | 31.30 | 1.222 | 1.125 | 1.329 |
| IHD | 75 | 31.40 | 1.223 | 1.125 | 1.33  |
| IHD | 75 | 31.50 | 1.223 | 1.126 | 1.33  |
| IHD | 75 | 31.60 | 1.224 | 1.126 | 1.331 |
| IHD | 75 | 31.70 | 1.224 | 1.127 | 1.331 |
| IHD | 75 | 31.80 | 1.225 | 1.127 | 1.332 |
| IHD | 75 | 31.90 | 1.225 | 1.128 | 1.333 |
| IHD | 75 | 32.00 | 1.226 | 1.129 | 1.333 |
| IHD | 75 | 32.10 | 1.226 | 1.129 | 1.334 |
| IHD | 75 | 32.20 | 1.227 | 1.13  | 1.334 |
| IHD | 75 | 32.30 | 1.228 | 1.13  | 1.335 |
| IHD | 75 | 32.40 | 1.228 | 1.131 | 1.335 |
| IHD | 75 | 32.50 | 1.229 | 1.131 | 1.336 |
| IHD | 75 | 32.60 | 1.229 | 1.132 | 1.337 |
| IHD | 75 | 32.70 | 1.23  | 1.132 | 1.337 |
| IHD | 75 | 32.80 | 1.23  | 1.133 | 1.338 |
| IHD | 75 | 32.90 | 1.231 | 1.134 | 1.338 |
| IHD | 75 | 33.00 | 1.231 | 1.134 | 1.339 |
| IHD | 75 | 33.10 | 1.232 | 1.135 | 1.339 |
| IHD | 75 | 33.20 | 1.233 | 1.135 | 1.34  |
| IHD | 75 | 33.30 | 1.233 | 1.136 | 1.341 |
| IHD | 75 | 33.40 | 1.234 | 1.136 | 1.341 |
| IHD | 75 | 33.50 | 1.234 | 1.137 | 1.342 |
| IHD | 75 | 33.60 | 1.235 | 1.137 | 1.342 |
| IHD | 75 | 33.70 | 1.235 | 1.138 | 1.343 |
| IHD | 75 | 33.80 | 1.236 | 1.138 | 1.343 |
| IHD | 75 | 33.90 | 1.236 | 1.139 | 1.344 |
| IHD | 75 | 34.00 | 1.237 | 1.139 | 1.345 |
| IHD | 75 | 34.10 | 1.237 | 1.139 | 1.345 |
| IHD | 75 | 34.20 | 1.238 | 1.14  | 1.346 |
| IHD | 75 | 34.30 | 1.238 | 1.14  | 1.346 |
| IHD | 75 | 34.40 | 1.239 | 1.141 | 1.347 |
| IHD | 75 | 34.50 | 1.239 | 1.141 | 1.348 |
| IHD | 75 | 34.60 | 1.24  | 1.142 | 1.348 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 34.70 | 1.241 | 1.142 | 1.349 |
| IHD | 75 | 34.80 | 1.241 | 1.143 | 1.349 |
| IHD | 75 | 34.90 | 1.242 | 1.143 | 1.35  |
| IHD | 75 | 35.00 | 1.242 | 1.144 | 1.351 |
| IHD | 75 | 35.10 | 1.243 | 1.144 | 1.351 |
| IHD | 75 | 35.20 | 1.243 | 1.145 | 1.351 |
| IHD | 75 | 35.30 | 1.244 | 1.145 | 1.352 |
| IHD | 75 | 35.40 | 1.244 | 1.146 | 1.352 |
| IHD | 75 | 35.50 | 1.245 | 1.146 | 1.353 |
| IHD | 75 | 35.60 | 1.245 | 1.147 | 1.353 |
| IHD | 75 | 35.70 | 1.246 | 1.147 | 1.354 |
| IHD | 75 | 35.80 | 1.246 | 1.147 | 1.354 |
| IHD | 75 | 35.90 | 1.247 | 1.148 | 1.355 |
| IHD | 75 | 36.00 | 1.247 | 1.148 | 1.355 |
| IHD | 75 | 36.10 | 1.248 | 1.149 | 1.356 |
| IHD | 75 | 36.20 | 1.248 | 1.149 | 1.356 |
| IHD | 75 | 36.30 | 1.249 | 1.15  | 1.357 |
| IHD | 75 | 36.40 | 1.249 | 1.15  | 1.357 |
| IHD | 75 | 36.50 | 1.25  | 1.151 | 1.357 |
| IHD | 75 | 36.60 | 1.25  | 1.151 | 1.358 |
| IHD | 75 | 36.70 | 1.251 | 1.151 | 1.358 |
| IHD | 75 | 36.80 | 1.251 | 1.152 | 1.359 |
| IHD | 75 | 36.90 | 1.252 | 1.152 | 1.359 |
| IHD | 75 | 37.00 | 1.252 | 1.153 | 1.36  |
| IHD | 75 | 37.10 | 1.253 | 1.153 | 1.36  |
| IHD | 75 | 37.20 | 1.253 | 1.154 | 1.361 |
| IHD | 75 | 37.30 | 1.254 | 1.154 | 1.361 |
| IHD | 75 | 37.40 | 1.254 | 1.155 | 1.362 |
| IHD | 75 | 37.50 | 1.255 | 1.155 | 1.362 |
| IHD | 75 | 37.60 | 1.255 | 1.155 | 1.363 |
| IHD | 75 | 37.70 | 1.256 | 1.156 | 1.363 |
| IHD | 75 | 37.80 | 1.256 | 1.156 | 1.364 |
| IHD | 75 | 37.90 | 1.257 | 1.157 | 1.364 |
| IHD | 75 | 38.00 | 1.257 | 1.157 | 1.365 |
| IHD | 75 | 38.10 | 1.258 | 1.158 | 1.365 |
| IHD | 75 | 38.20 | 1.258 | 1.158 | 1.366 |
| IHD | 75 | 38.30 | 1.258 | 1.159 | 1.366 |
| IHD | 75 | 38.40 | 1.259 | 1.159 | 1.367 |
| IHD | 75 | 38.50 | 1.259 | 1.16  | 1.368 |
| IHD | 75 | 38.60 | 1.26  | 1.16  | 1.368 |
| IHD | 75 | 38.70 | 1.26  | 1.16  | 1.369 |
| IHD | 75 | 38.80 | 1.261 | 1.161 | 1.369 |
| IHD | 75 | 38.90 | 1.261 | 1.161 | 1.37  |
| IHD | 75 | 39.00 | 1.262 | 1.162 | 1.37  |
| IHD | 75 | 39.10 | 1.262 | 1.162 | 1.371 |
| IHD | 75 | 39.20 | 1.263 | 1.163 | 1.371 |
| IHD | 75 | 39.30 | 1.263 | 1.163 | 1.372 |
| IHD | 75 | 39.40 | 1.264 | 1.163 | 1.372 |
| IHD | 75 | 39.50 | 1.264 | 1.164 | 1.373 |
| IHD | 75 | 39.60 | 1.265 | 1.164 | 1.373 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 39.70 | 1.265 | 1.165 | 1.374 |
| IHD | 75 | 39.80 | 1.265 | 1.165 | 1.374 |
| IHD | 75 | 39.90 | 1.266 | 1.166 | 1.375 |
| IHD | 75 | 40.00 | 1.266 | 1.166 | 1.376 |
| IHD | 75 | 40.10 | 1.267 | 1.166 | 1.376 |
| IHD | 75 | 40.20 | 1.267 | 1.167 | 1.376 |
| IHD | 75 | 40.30 | 1.268 | 1.167 | 1.377 |
| IHD | 75 | 40.40 | 1.268 | 1.168 | 1.377 |
| IHD | 75 | 40.50 | 1.269 | 1.168 | 1.378 |
| IHD | 75 | 40.60 | 1.269 | 1.168 | 1.378 |
| IHD | 75 | 40.70 | 1.27  | 1.169 | 1.378 |
| IHD | 75 | 40.80 | 1.27  | 1.169 | 1.379 |
| IHD | 75 | 40.90 | 1.27  | 1.169 | 1.379 |
| IHD | 75 | 41.00 | 1.271 | 1.17  | 1.38  |
| IHD | 75 | 41.10 | 1.271 | 1.17  | 1.38  |
| IHD | 75 | 41.20 | 1.272 | 1.171 | 1.38  |
| IHD | 75 | 41.30 | 1.272 | 1.171 | 1.381 |
| IHD | 75 | 41.40 | 1.273 | 1.171 | 1.381 |
| IHD | 75 | 41.50 | 1.273 | 1.172 | 1.381 |
| IHD | 75 | 41.60 | 1.274 | 1.172 | 1.382 |
| IHD | 75 | 41.70 | 1.274 | 1.172 | 1.382 |
| IHD | 75 | 41.80 | 1.274 | 1.173 | 1.382 |
| IHD | 75 | 41.90 | 1.275 | 1.173 | 1.383 |
| IHD | 75 | 42.00 | 1.275 | 1.174 | 1.383 |
| IHD | 75 | 42.10 | 1.276 | 1.174 | 1.383 |
| IHD | 75 | 42.20 | 1.276 | 1.174 | 1.384 |
| IHD | 75 | 42.30 | 1.277 | 1.175 | 1.384 |
| IHD | 75 | 42.40 | 1.277 | 1.175 | 1.385 |
| IHD | 75 | 42.50 | 1.277 | 1.175 | 1.385 |
| IHD | 75 | 42.60 | 1.278 | 1.176 | 1.385 |
| IHD | 75 | 42.70 | 1.278 | 1.176 | 1.386 |
| IHD | 75 | 42.80 | 1.279 | 1.177 | 1.386 |
| IHD | 75 | 42.90 | 1.279 | 1.177 | 1.387 |
| IHD | 75 | 43.00 | 1.28  | 1.177 | 1.387 |
| IHD | 75 | 43.10 | 1.28  | 1.178 | 1.388 |
| IHD | 75 | 43.20 | 1.28  | 1.178 | 1.388 |
| IHD | 75 | 43.30 | 1.281 | 1.178 | 1.389 |
| IHD | 75 | 43.40 | 1.281 | 1.179 | 1.389 |
| IHD | 75 | 43.50 | 1.282 | 1.179 | 1.39  |
| IHD | 75 | 43.60 | 1.282 | 1.179 | 1.39  |
| IHD | 75 | 43.70 | 1.283 | 1.18  | 1.39  |
| IHD | 75 | 43.80 | 1.283 | 1.18  | 1.391 |
| IHD | 75 | 43.90 | 1.283 | 1.181 | 1.391 |
| IHD | 75 | 44.00 | 1.284 | 1.181 | 1.392 |
| IHD | 75 | 44.10 | 1.284 | 1.181 | 1.392 |
| IHD | 75 | 44.20 | 1.285 | 1.182 | 1.392 |
| IHD | 75 | 44.30 | 1.285 | 1.182 | 1.393 |
| IHD | 75 | 44.40 | 1.285 | 1.182 | 1.393 |
| IHD | 75 | 44.50 | 1.286 | 1.183 | 1.393 |
| IHD | 75 | 44.60 | 1.286 | 1.183 | 1.394 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 44.70 | 1.287 | 1.183 | 1.394 |
| IHD | 75 | 44.80 | 1.287 | 1.184 | 1.394 |
| IHD | 75 | 44.90 | 1.287 | 1.184 | 1.394 |
| IHD | 75 | 45.00 | 1.288 | 1.184 | 1.395 |
| IHD | 75 | 45.10 | 1.288 | 1.185 | 1.395 |
| IHD | 75 | 45.20 | 1.289 | 1.185 | 1.396 |
| IHD | 75 | 45.30 | 1.289 | 1.186 | 1.396 |
| IHD | 75 | 45.40 | 1.289 | 1.186 | 1.396 |
| IHD | 75 | 45.50 | 1.29  | 1.186 | 1.397 |
| IHD | 75 | 45.60 | 1.29  | 1.187 | 1.397 |
| IHD | 75 | 45.70 | 1.291 | 1.187 | 1.398 |
| IHD | 75 | 45.80 | 1.291 | 1.188 | 1.398 |
| IHD | 75 | 45.90 | 1.291 | 1.188 | 1.398 |
| IHD | 75 | 46.00 | 1.292 | 1.188 | 1.399 |
| IHD | 75 | 46.10 | 1.292 | 1.189 | 1.399 |
| IHD | 75 | 46.20 | 1.293 | 1.189 | 1.4   |
| IHD | 75 | 46.30 | 1.293 | 1.19  | 1.4   |
| IHD | 75 | 46.40 | 1.293 | 1.19  | 1.4   |
| IHD | 75 | 46.50 | 1.294 | 1.191 | 1.401 |
| IHD | 75 | 46.60 | 1.294 | 1.191 | 1.401 |
| IHD | 75 | 46.70 | 1.295 | 1.192 | 1.402 |
| IHD | 75 | 46.80 | 1.295 | 1.192 | 1.402 |
| IHD | 75 | 46.90 | 1.295 | 1.193 | 1.402 |
| IHD | 75 | 47.00 | 1.296 | 1.193 | 1.403 |
| IHD | 75 | 47.10 | 1.296 | 1.194 | 1.403 |
| IHD | 75 | 47.20 | 1.297 | 1.194 | 1.403 |
| IHD | 75 | 47.30 | 1.297 | 1.194 | 1.404 |
| IHD | 75 | 47.40 | 1.297 | 1.195 | 1.404 |
| IHD | 75 | 47.50 | 1.298 | 1.195 | 1.404 |
| IHD | 75 | 47.60 | 1.298 | 1.196 | 1.405 |
| IHD | 75 | 47.70 | 1.298 | 1.196 | 1.405 |
| IHD | 75 | 47.80 | 1.299 | 1.197 | 1.406 |
| IHD | 75 | 47.90 | 1.299 | 1.197 | 1.406 |
| IHD | 75 | 48.00 | 1.3   | 1.197 | 1.406 |
| IHD | 75 | 48.10 | 1.3   | 1.198 | 1.407 |
| IHD | 75 | 48.20 | 1.3   | 1.198 | 1.407 |
| IHD | 75 | 48.30 | 1.301 | 1.199 | 1.408 |
| IHD | 75 | 48.40 | 1.301 | 1.199 | 1.408 |
| IHD | 75 | 48.50 | 1.301 | 1.199 | 1.409 |
| IHD | 75 | 48.60 | 1.302 | 1.2   | 1.409 |
| IHD | 75 | 48.70 | 1.302 | 1.2   | 1.41  |
| IHD | 75 | 48.80 | 1.303 | 1.201 | 1.41  |
| IHD | 75 | 48.90 | 1.303 | 1.201 | 1.41  |
| IHD | 75 | 49.00 | 1.303 | 1.202 | 1.411 |
| IHD | 75 | 49.10 | 1.304 | 1.202 | 1.411 |
| IHD | 75 | 49.20 | 1.304 | 1.202 | 1.412 |
| IHD | 75 | 49.30 | 1.304 | 1.203 | 1.412 |
| IHD | 75 | 49.40 | 1.305 | 1.203 | 1.412 |
| IHD | 75 | 49.50 | 1.305 | 1.204 | 1.413 |
| IHD | 75 | 49.60 | 1.305 | 1.204 | 1.413 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 75 | 49.70 | 1.306 | 1.205 | 1.414 |
| IHD | 75 | 49.80 | 1.306 | 1.205 | 1.414 |
| IHD | 75 | 49.90 | 1.307 | 1.205 | 1.414 |
| IHD | 80 | 0.00  | 1     | 1     | 1     |
| IHD | 80 | 0.10  | 1     | 1     | 1     |
| IHD | 80 | 0.20  | 1     | 1     | 1     |
| IHD | 80 | 0.30  | 1     | 1     | 1     |
| IHD | 80 | 0.40  | 1     | 1     | 1     |
| IHD | 80 | 0.50  | 1     | 1     | 1     |
| IHD | 80 | 0.60  | 1     | 1     | 1     |
| IHD | 80 | 0.70  | 1     | 1     | 1     |
| IHD | 80 | 0.80  | 1     | 1     | 1     |
| IHD | 80 | 0.90  | 1     | 1     | 1     |
| IHD | 80 | 1.00  | 1     | 1     | 1     |
| IHD | 80 | 1.10  | 1     | 1     | 1     |
| IHD | 80 | 1.20  | 1     | 1     | 1     |
| IHD | 80 | 1.30  | 1     | 1     | 1     |
| IHD | 80 | 1.40  | 1     | 1     | 1     |
| IHD | 80 | 1.50  | 1     | 1     | 1     |
| IHD | 80 | 1.60  | 1     | 1     | 1     |
| IHD | 80 | 1.70  | 1     | 1     | 1     |
| IHD | 80 | 1.80  | 1     | 1     | 1     |
| IHD | 80 | 1.90  | 1     | 1     | 1     |
| IHD | 80 | 2.00  | 1     | 1     | 1     |
| IHD | 80 | 2.10  | 1     | 1     | 1     |
| IHD | 80 | 2.20  | 1     | 1     | 1     |
| IHD | 80 | 2.30  | 1     | 1     | 1     |
| IHD | 80 | 2.40  | 1     | 1     | 1     |
| IHD | 80 | 2.50  | 1     | 1     | 1.002 |
| IHD | 80 | 2.60  | 1     | 1     | 1.003 |
| IHD | 80 | 2.70  | 1     | 1     | 1.004 |
| IHD | 80 | 2.80  | 1     | 1     | 1.005 |
| IHD | 80 | 2.90  | 1     | 1     | 1.007 |
| IHD | 80 | 3.00  | 1.001 | 1     | 1.008 |
| IHD | 80 | 3.10  | 1.001 | 1     | 1.009 |
| IHD | 80 | 3.20  | 1.001 | 1     | 1.011 |
| IHD | 80 | 3.30  | 1.001 | 1     | 1.012 |
| IHD | 80 | 3.40  | 1.001 | 1     | 1.014 |
| IHD | 80 | 3.50  | 1.002 | 1     | 1.015 |
| IHD | 80 | 3.60  | 1.002 | 1     | 1.017 |
| IHD | 80 | 3.70  | 1.002 | 1     | 1.018 |
| IHD | 80 | 3.80  | 1.002 | 1     | 1.019 |
| IHD | 80 | 3.90  | 1.003 | 1     | 1.02  |
| IHD | 80 | 4.00  | 1.003 | 1     | 1.022 |
| IHD | 80 | 4.10  | 1.003 | 1     | 1.023 |
| IHD | 80 | 4.20  | 1.004 | 1     | 1.025 |
| IHD | 80 | 4.30  | 1.004 | 1     | 1.026 |
| IHD | 80 | 4.40  | 1.005 | 1     | 1.028 |
| IHD | 80 | 4.50  | 1.005 | 1     | 1.029 |
| IHD | 80 | 4.60  | 1.005 | 1     | 1.03  |

|     |    |      |       |   |       |
|-----|----|------|-------|---|-------|
| IHD | 80 | 4.70 | 1.006 | 1 | 1.032 |
| IHD | 80 | 4.80 | 1.006 | 1 | 1.033 |
| IHD | 80 | 4.90 | 1.007 | 1 | 1.034 |
| IHD | 80 | 5.00 | 1.007 | 1 | 1.036 |
| IHD | 80 | 5.10 | 1.008 | 1 | 1.037 |
| IHD | 80 | 5.20 | 1.009 | 1 | 1.038 |
| IHD | 80 | 5.30 | 1.009 | 1 | 1.039 |
| IHD | 80 | 5.40 | 1.01  | 1 | 1.041 |
| IHD | 80 | 5.50 | 1.01  | 1 | 1.042 |
| IHD | 80 | 5.60 | 1.011 | 1 | 1.044 |
| IHD | 80 | 5.70 | 1.012 | 1 | 1.045 |
| IHD | 80 | 5.80 | 1.012 | 1 | 1.046 |
| IHD | 80 | 5.90 | 1.013 | 1 | 1.048 |
| IHD | 80 | 6.00 | 1.014 | 1 | 1.049 |
| IHD | 80 | 6.10 | 1.014 | 1 | 1.051 |
| IHD | 80 | 6.20 | 1.015 | 1 | 1.052 |
| IHD | 80 | 6.30 | 1.016 | 1 | 1.053 |
| IHD | 80 | 6.40 | 1.016 | 1 | 1.054 |
| IHD | 80 | 6.50 | 1.017 | 1 | 1.056 |
| IHD | 80 | 6.60 | 1.018 | 1 | 1.057 |
| IHD | 80 | 6.70 | 1.019 | 1 | 1.058 |
| IHD | 80 | 6.80 | 1.019 | 1 | 1.059 |
| IHD | 80 | 6.90 | 1.02  | 1 | 1.06  |
| IHD | 80 | 7.00 | 1.021 | 1 | 1.062 |
| IHD | 80 | 7.10 | 1.022 | 1 | 1.063 |
| IHD | 80 | 7.20 | 1.022 | 1 | 1.064 |
| IHD | 80 | 7.30 | 1.023 | 1 | 1.065 |
| IHD | 80 | 7.40 | 1.024 | 1 | 1.066 |
| IHD | 80 | 7.50 | 1.025 | 1 | 1.068 |
| IHD | 80 | 7.60 | 1.025 | 1 | 1.069 |
| IHD | 80 | 7.70 | 1.026 | 1 | 1.07  |
| IHD | 80 | 7.80 | 1.027 | 1 | 1.071 |
| IHD | 80 | 7.90 | 1.028 | 1 | 1.072 |
| IHD | 80 | 8.00 | 1.029 | 1 | 1.073 |
| IHD | 80 | 8.10 | 1.029 | 1 | 1.074 |
| IHD | 80 | 8.20 | 1.03  | 1 | 1.076 |
| IHD | 80 | 8.30 | 1.031 | 1 | 1.077 |
| IHD | 80 | 8.40 | 1.032 | 1 | 1.078 |
| IHD | 80 | 8.50 | 1.033 | 1 | 1.08  |
| IHD | 80 | 8.60 | 1.033 | 1 | 1.081 |
| IHD | 80 | 8.70 | 1.034 | 1 | 1.082 |
| IHD | 80 | 8.80 | 1.035 | 1 | 1.083 |
| IHD | 80 | 8.90 | 1.036 | 1 | 1.085 |
| IHD | 80 | 9.00 | 1.037 | 1 | 1.086 |
| IHD | 80 | 9.10 | 1.037 | 1 | 1.087 |
| IHD | 80 | 9.20 | 1.038 | 1 | 1.088 |
| IHD | 80 | 9.30 | 1.039 | 1 | 1.09  |
| IHD | 80 | 9.40 | 1.04  | 1 | 1.091 |
| IHD | 80 | 9.50 | 1.041 | 1 | 1.092 |
| IHD | 80 | 9.60 | 1.041 | 1 | 1.093 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 9.70  | 1.042 | 1     | 1.094 |
| IHD | 80 | 9.80  | 1.043 | 1     | 1.096 |
| IHD | 80 | 9.90  | 1.044 | 1     | 1.097 |
| IHD | 80 | 10.00 | 1.045 | 1     | 1.098 |
| IHD | 80 | 10.10 | 1.045 | 1     | 1.099 |
| IHD | 80 | 10.20 | 1.046 | 1.001 | 1.1   |
| IHD | 80 | 10.30 | 1.047 | 1.001 | 1.102 |
| IHD | 80 | 10.40 | 1.048 | 1.002 | 1.103 |
| IHD | 80 | 10.50 | 1.049 | 1.002 | 1.104 |
| IHD | 80 | 10.60 | 1.049 | 1.002 | 1.105 |
| IHD | 80 | 10.70 | 1.05  | 1.003 | 1.106 |
| IHD | 80 | 10.80 | 1.051 | 1.003 | 1.107 |
| IHD | 80 | 10.90 | 1.052 | 1.004 | 1.109 |
| IHD | 80 | 11.00 | 1.053 | 1.004 | 1.11  |
| IHD | 80 | 11.10 | 1.053 | 1.004 | 1.111 |
| IHD | 80 | 11.20 | 1.054 | 1.005 | 1.112 |
| IHD | 80 | 11.30 | 1.055 | 1.005 | 1.113 |
| IHD | 80 | 11.40 | 1.056 | 1.006 | 1.114 |
| IHD | 80 | 11.50 | 1.056 | 1.006 | 1.115 |
| IHD | 80 | 11.60 | 1.057 | 1.006 | 1.117 |
| IHD | 80 | 11.70 | 1.058 | 1.007 | 1.118 |
| IHD | 80 | 11.80 | 1.059 | 1.007 | 1.119 |
| IHD | 80 | 11.90 | 1.06  | 1.008 | 1.12  |
| IHD | 80 | 12.00 | 1.06  | 1.008 | 1.121 |
| IHD | 80 | 12.10 | 1.061 | 1.009 | 1.122 |
| IHD | 80 | 12.20 | 1.062 | 1.009 | 1.123 |
| IHD | 80 | 12.30 | 1.063 | 1.01  | 1.124 |
| IHD | 80 | 12.40 | 1.063 | 1.01  | 1.125 |
| IHD | 80 | 12.50 | 1.064 | 1.011 | 1.126 |
| IHD | 80 | 12.60 | 1.065 | 1.011 | 1.127 |
| IHD | 80 | 12.70 | 1.066 | 1.012 | 1.129 |
| IHD | 80 | 12.80 | 1.066 | 1.012 | 1.13  |
| IHD | 80 | 12.90 | 1.067 | 1.013 | 1.131 |
| IHD | 80 | 13.00 | 1.068 | 1.014 | 1.132 |
| IHD | 80 | 13.10 | 1.069 | 1.014 | 1.133 |
| IHD | 80 | 13.20 | 1.069 | 1.014 | 1.134 |
| IHD | 80 | 13.30 | 1.07  | 1.015 | 1.135 |
| IHD | 80 | 13.40 | 1.071 | 1.015 | 1.136 |
| IHD | 80 | 13.50 | 1.072 | 1.016 | 1.137 |
| IHD | 80 | 13.60 | 1.072 | 1.016 | 1.138 |
| IHD | 80 | 13.70 | 1.073 | 1.017 | 1.138 |
| IHD | 80 | 13.80 | 1.074 | 1.017 | 1.139 |
| IHD | 80 | 13.90 | 1.075 | 1.018 | 1.14  |
| IHD | 80 | 14.00 | 1.075 | 1.018 | 1.141 |
| IHD | 80 | 14.10 | 1.076 | 1.019 | 1.142 |
| IHD | 80 | 14.20 | 1.077 | 1.019 | 1.143 |
| IHD | 80 | 14.30 | 1.078 | 1.02  | 1.144 |
| IHD | 80 | 14.40 | 1.078 | 1.021 | 1.145 |
| IHD | 80 | 14.50 | 1.079 | 1.021 | 1.146 |
| IHD | 80 | 14.60 | 1.08  | 1.022 | 1.147 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 14.70 | 1.08  | 1.022 | 1.148 |
| IHD | 80 | 14.80 | 1.081 | 1.023 | 1.149 |
| IHD | 80 | 14.90 | 1.082 | 1.023 | 1.149 |
| IHD | 80 | 15.00 | 1.083 | 1.024 | 1.15  |
| IHD | 80 | 15.10 | 1.083 | 1.024 | 1.151 |
| IHD | 80 | 15.20 | 1.084 | 1.025 | 1.152 |
| IHD | 80 | 15.30 | 1.085 | 1.025 | 1.153 |
| IHD | 80 | 15.40 | 1.085 | 1.026 | 1.154 |
| IHD | 80 | 15.50 | 1.086 | 1.026 | 1.155 |
| IHD | 80 | 15.60 | 1.087 | 1.027 | 1.156 |
| IHD | 80 | 15.70 | 1.088 | 1.027 | 1.157 |
| IHD | 80 | 15.80 | 1.088 | 1.027 | 1.158 |
| IHD | 80 | 15.90 | 1.089 | 1.028 | 1.159 |
| IHD | 80 | 16.00 | 1.09  | 1.028 | 1.16  |
| IHD | 80 | 16.10 | 1.09  | 1.029 | 1.161 |
| IHD | 80 | 16.20 | 1.091 | 1.029 | 1.162 |
| IHD | 80 | 16.30 | 1.092 | 1.03  | 1.162 |
| IHD | 80 | 16.40 | 1.093 | 1.03  | 1.163 |
| IHD | 80 | 16.50 | 1.093 | 1.031 | 1.164 |
| IHD | 80 | 16.60 | 1.094 | 1.032 | 1.165 |
| IHD | 80 | 16.70 | 1.095 | 1.032 | 1.166 |
| IHD | 80 | 16.80 | 1.095 | 1.033 | 1.167 |
| IHD | 80 | 16.90 | 1.096 | 1.033 | 1.168 |
| IHD | 80 | 17.00 | 1.097 | 1.034 | 1.169 |
| IHD | 80 | 17.10 | 1.097 | 1.034 | 1.169 |
| IHD | 80 | 17.20 | 1.098 | 1.035 | 1.17  |
| IHD | 80 | 17.30 | 1.099 | 1.035 | 1.171 |
| IHD | 80 | 17.40 | 1.099 | 1.036 | 1.172 |
| IHD | 80 | 17.50 | 1.1   | 1.036 | 1.173 |
| IHD | 80 | 17.60 | 1.101 | 1.037 | 1.174 |
| IHD | 80 | 17.70 | 1.101 | 1.037 | 1.175 |
| IHD | 80 | 17.80 | 1.102 | 1.038 | 1.176 |
| IHD | 80 | 17.90 | 1.103 | 1.038 | 1.176 |
| IHD | 80 | 18.00 | 1.103 | 1.039 | 1.177 |
| IHD | 80 | 18.10 | 1.104 | 1.039 | 1.178 |
| IHD | 80 | 18.20 | 1.105 | 1.04  | 1.179 |
| IHD | 80 | 18.30 | 1.105 | 1.04  | 1.18  |
| IHD | 80 | 18.40 | 1.106 | 1.041 | 1.181 |
| IHD | 80 | 18.50 | 1.107 | 1.041 | 1.182 |
| IHD | 80 | 18.60 | 1.107 | 1.042 | 1.182 |
| IHD | 80 | 18.70 | 1.108 | 1.042 | 1.183 |
| IHD | 80 | 18.80 | 1.109 | 1.043 | 1.184 |
| IHD | 80 | 18.90 | 1.109 | 1.043 | 1.185 |
| IHD | 80 | 19.00 | 1.11  | 1.044 | 1.186 |
| IHD | 80 | 19.10 | 1.111 | 1.044 | 1.187 |
| IHD | 80 | 19.20 | 1.111 | 1.045 | 1.187 |
| IHD | 80 | 19.30 | 1.112 | 1.045 | 1.188 |
| IHD | 80 | 19.40 | 1.113 | 1.046 | 1.189 |
| IHD | 80 | 19.50 | 1.113 | 1.046 | 1.19  |
| IHD | 80 | 19.60 | 1.114 | 1.047 | 1.191 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 19.70 | 1.115 | 1.047 | 1.192 |
| IHD | 80 | 19.80 | 1.115 | 1.048 | 1.192 |
| IHD | 80 | 19.90 | 1.116 | 1.048 | 1.193 |
| IHD | 80 | 20.00 | 1.116 | 1.049 | 1.194 |
| IHD | 80 | 20.10 | 1.117 | 1.049 | 1.195 |
| IHD | 80 | 20.20 | 1.118 | 1.05  | 1.196 |
| IHD | 80 | 20.30 | 1.118 | 1.05  | 1.196 |
| IHD | 80 | 20.40 | 1.119 | 1.051 | 1.197 |
| IHD | 80 | 20.50 | 1.12  | 1.051 | 1.198 |
| IHD | 80 | 20.60 | 1.12  | 1.052 | 1.199 |
| IHD | 80 | 20.70 | 1.121 | 1.052 | 1.2   |
| IHD | 80 | 20.80 | 1.121 | 1.053 | 1.2   |
| IHD | 80 | 20.90 | 1.122 | 1.053 | 1.201 |
| IHD | 80 | 21.00 | 1.123 | 1.054 | 1.202 |
| IHD | 80 | 21.10 | 1.123 | 1.054 | 1.203 |
| IHD | 80 | 21.20 | 1.124 | 1.054 | 1.204 |
| IHD | 80 | 21.30 | 1.125 | 1.055 | 1.204 |
| IHD | 80 | 21.40 | 1.125 | 1.055 | 1.205 |
| IHD | 80 | 21.50 | 1.126 | 1.056 | 1.206 |
| IHD | 80 | 21.60 | 1.126 | 1.056 | 1.207 |
| IHD | 80 | 21.70 | 1.127 | 1.057 | 1.208 |
| IHD | 80 | 21.80 | 1.128 | 1.057 | 1.208 |
| IHD | 80 | 21.90 | 1.128 | 1.058 | 1.209 |
| IHD | 80 | 22.00 | 1.129 | 1.058 | 1.21  |
| IHD | 80 | 22.10 | 1.129 | 1.058 | 1.211 |
| IHD | 80 | 22.20 | 1.13  | 1.059 | 1.211 |
| IHD | 80 | 22.30 | 1.131 | 1.059 | 1.212 |
| IHD | 80 | 22.40 | 1.131 | 1.06  | 1.213 |
| IHD | 80 | 22.50 | 1.132 | 1.06  | 1.214 |
| IHD | 80 | 22.60 | 1.132 | 1.061 | 1.214 |
| IHD | 80 | 22.70 | 1.133 | 1.061 | 1.215 |
| IHD | 80 | 22.80 | 1.134 | 1.062 | 1.216 |
| IHD | 80 | 22.90 | 1.134 | 1.062 | 1.216 |
| IHD | 80 | 23.00 | 1.135 | 1.062 | 1.217 |
| IHD | 80 | 23.10 | 1.135 | 1.063 | 1.218 |
| IHD | 80 | 23.20 | 1.136 | 1.063 | 1.219 |
| IHD | 80 | 23.30 | 1.137 | 1.064 | 1.219 |
| IHD | 80 | 23.40 | 1.137 | 1.064 | 1.22  |
| IHD | 80 | 23.50 | 1.138 | 1.065 | 1.221 |
| IHD | 80 | 23.60 | 1.138 | 1.065 | 1.221 |
| IHD | 80 | 23.70 | 1.139 | 1.065 | 1.222 |
| IHD | 80 | 23.80 | 1.139 | 1.066 | 1.223 |
| IHD | 80 | 23.90 | 1.14  | 1.066 | 1.223 |
| IHD | 80 | 24.00 | 1.141 | 1.067 | 1.224 |
| IHD | 80 | 24.10 | 1.141 | 1.067 | 1.225 |
| IHD | 80 | 24.20 | 1.142 | 1.068 | 1.225 |
| IHD | 80 | 24.30 | 1.142 | 1.068 | 1.226 |
| IHD | 80 | 24.40 | 1.143 | 1.069 | 1.227 |
| IHD | 80 | 24.50 | 1.143 | 1.069 | 1.228 |
| IHD | 80 | 24.60 | 1.144 | 1.069 | 1.228 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 24.70 | 1.145 | 1.07  | 1.229 |
| IHD | 80 | 24.80 | 1.145 | 1.07  | 1.23  |
| IHD | 80 | 24.90 | 1.146 | 1.071 | 1.23  |
| IHD | 80 | 25.00 | 1.146 | 1.071 | 1.231 |
| IHD | 80 | 25.10 | 1.147 | 1.072 | 1.232 |
| IHD | 80 | 25.20 | 1.147 | 1.072 | 1.232 |
| IHD | 80 | 25.30 | 1.148 | 1.073 | 1.233 |
| IHD | 80 | 25.40 | 1.149 | 1.073 | 1.234 |
| IHD | 80 | 25.50 | 1.149 | 1.073 | 1.234 |
| IHD | 80 | 25.60 | 1.15  | 1.074 | 1.235 |
| IHD | 80 | 25.70 | 1.15  | 1.074 | 1.236 |
| IHD | 80 | 25.80 | 1.151 | 1.075 | 1.236 |
| IHD | 80 | 25.90 | 1.151 | 1.075 | 1.237 |
| IHD | 80 | 26.00 | 1.152 | 1.076 | 1.238 |
| IHD | 80 | 26.10 | 1.152 | 1.076 | 1.238 |
| IHD | 80 | 26.20 | 1.153 | 1.077 | 1.239 |
| IHD | 80 | 26.30 | 1.153 | 1.077 | 1.239 |
| IHD | 80 | 26.40 | 1.154 | 1.077 | 1.24  |
| IHD | 80 | 26.50 | 1.155 | 1.078 | 1.241 |
| IHD | 80 | 26.60 | 1.155 | 1.078 | 1.241 |
| IHD | 80 | 26.70 | 1.156 | 1.079 | 1.242 |
| IHD | 80 | 26.80 | 1.156 | 1.079 | 1.243 |
| IHD | 80 | 26.90 | 1.157 | 1.08  | 1.243 |
| IHD | 80 | 27.00 | 1.157 | 1.08  | 1.244 |
| IHD | 80 | 27.10 | 1.158 | 1.081 | 1.245 |
| IHD | 80 | 27.20 | 1.158 | 1.081 | 1.245 |
| IHD | 80 | 27.30 | 1.159 | 1.081 | 1.246 |
| IHD | 80 | 27.40 | 1.159 | 1.082 | 1.246 |
| IHD | 80 | 27.50 | 1.16  | 1.082 | 1.247 |
| IHD | 80 | 27.60 | 1.16  | 1.083 | 1.248 |
| IHD | 80 | 27.70 | 1.161 | 1.083 | 1.248 |
| IHD | 80 | 27.80 | 1.161 | 1.084 | 1.249 |
| IHD | 80 | 27.90 | 1.162 | 1.084 | 1.25  |
| IHD | 80 | 28.00 | 1.162 | 1.084 | 1.25  |
| IHD | 80 | 28.10 | 1.163 | 1.085 | 1.251 |
| IHD | 80 | 28.20 | 1.163 | 1.085 | 1.251 |
| IHD | 80 | 28.30 | 1.164 | 1.086 | 1.252 |
| IHD | 80 | 28.40 | 1.165 | 1.086 | 1.253 |
| IHD | 80 | 28.50 | 1.165 | 1.087 | 1.253 |
| IHD | 80 | 28.60 | 1.166 | 1.087 | 1.254 |
| IHD | 80 | 28.70 | 1.166 | 1.088 | 1.254 |
| IHD | 80 | 28.80 | 1.167 | 1.088 | 1.255 |
| IHD | 80 | 28.90 | 1.167 | 1.088 | 1.255 |
| IHD | 80 | 29.00 | 1.168 | 1.089 | 1.256 |
| IHD | 80 | 29.10 | 1.168 | 1.089 | 1.257 |
| IHD | 80 | 29.20 | 1.169 | 1.09  | 1.257 |
| IHD | 80 | 29.30 | 1.169 | 1.09  | 1.258 |
| IHD | 80 | 29.40 | 1.17  | 1.091 | 1.258 |
| IHD | 80 | 29.50 | 1.17  | 1.091 | 1.259 |
| IHD | 80 | 29.60 | 1.171 | 1.091 | 1.26  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 29.70 | 1.171 | 1.092 | 1.26  |
| IHD | 80 | 29.80 | 1.172 | 1.092 | 1.261 |
| IHD | 80 | 29.90 | 1.172 | 1.093 | 1.261 |
| IHD | 80 | 30.00 | 1.173 | 1.093 | 1.262 |
| IHD | 80 | 30.10 | 1.173 | 1.094 | 1.262 |
| IHD | 80 | 30.20 | 1.174 | 1.094 | 1.263 |
| IHD | 80 | 30.30 | 1.174 | 1.094 | 1.263 |
| IHD | 80 | 30.40 | 1.175 | 1.095 | 1.264 |
| IHD | 80 | 30.50 | 1.175 | 1.095 | 1.265 |
| IHD | 80 | 30.60 | 1.175 | 1.096 | 1.265 |
| IHD | 80 | 30.70 | 1.176 | 1.096 | 1.266 |
| IHD | 80 | 30.80 | 1.176 | 1.097 | 1.266 |
| IHD | 80 | 30.90 | 1.177 | 1.097 | 1.267 |
| IHD | 80 | 31.00 | 1.177 | 1.098 | 1.267 |
| IHD | 80 | 31.10 | 1.178 | 1.098 | 1.268 |
| IHD | 80 | 31.20 | 1.178 | 1.098 | 1.268 |
| IHD | 80 | 31.30 | 1.179 | 1.099 | 1.269 |
| IHD | 80 | 31.40 | 1.179 | 1.099 | 1.269 |
| IHD | 80 | 31.50 | 1.18  | 1.099 | 1.27  |
| IHD | 80 | 31.60 | 1.18  | 1.099 | 1.27  |
| IHD | 80 | 31.70 | 1.181 | 1.1   | 1.271 |
| IHD | 80 | 31.80 | 1.181 | 1.1   | 1.272 |
| IHD | 80 | 31.90 | 1.182 | 1.1   | 1.272 |
| IHD | 80 | 32.00 | 1.182 | 1.101 | 1.273 |
| IHD | 80 | 32.10 | 1.183 | 1.101 | 1.273 |
| IHD | 80 | 32.20 | 1.183 | 1.102 | 1.274 |
| IHD | 80 | 32.30 | 1.184 | 1.102 | 1.274 |
| IHD | 80 | 32.40 | 1.184 | 1.102 | 1.275 |
| IHD | 80 | 32.50 | 1.184 | 1.103 | 1.275 |
| IHD | 80 | 32.60 | 1.185 | 1.103 | 1.276 |
| IHD | 80 | 32.70 | 1.185 | 1.104 | 1.276 |
| IHD | 80 | 32.80 | 1.186 | 1.104 | 1.277 |
| IHD | 80 | 32.90 | 1.186 | 1.105 | 1.277 |
| IHD | 80 | 33.00 | 1.187 | 1.105 | 1.278 |
| IHD | 80 | 33.10 | 1.187 | 1.105 | 1.278 |
| IHD | 80 | 33.20 | 1.188 | 1.106 | 1.279 |
| IHD | 80 | 33.30 | 1.188 | 1.106 | 1.279 |
| IHD | 80 | 33.40 | 1.189 | 1.107 | 1.28  |
| IHD | 80 | 33.50 | 1.189 | 1.107 | 1.28  |
| IHD | 80 | 33.60 | 1.189 | 1.108 | 1.281 |
| IHD | 80 | 33.70 | 1.19  | 1.108 | 1.281 |
| IHD | 80 | 33.80 | 1.19  | 1.109 | 1.282 |
| IHD | 80 | 33.90 | 1.191 | 1.109 | 1.282 |
| IHD | 80 | 34.00 | 1.191 | 1.11  | 1.283 |
| IHD | 80 | 34.10 | 1.192 | 1.11  | 1.283 |
| IHD | 80 | 34.20 | 1.192 | 1.11  | 1.284 |
| IHD | 80 | 34.30 | 1.193 | 1.111 | 1.284 |
| IHD | 80 | 34.40 | 1.193 | 1.111 | 1.284 |
| IHD | 80 | 34.50 | 1.193 | 1.112 | 1.285 |
| IHD | 80 | 34.60 | 1.194 | 1.112 | 1.285 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 34.70 | 1.194 | 1.113 | 1.286 |
| IHD | 80 | 34.80 | 1.195 | 1.113 | 1.286 |
| IHD | 80 | 34.90 | 1.195 | 1.114 | 1.287 |
| IHD | 80 | 35.00 | 1.196 | 1.114 | 1.287 |
| IHD | 80 | 35.10 | 1.196 | 1.114 | 1.288 |
| IHD | 80 | 35.20 | 1.196 | 1.115 | 1.288 |
| IHD | 80 | 35.30 | 1.197 | 1.115 | 1.288 |
| IHD | 80 | 35.40 | 1.197 | 1.115 | 1.289 |
| IHD | 80 | 35.50 | 1.198 | 1.116 | 1.289 |
| IHD | 80 | 35.60 | 1.198 | 1.116 | 1.29  |
| IHD | 80 | 35.70 | 1.199 | 1.116 | 1.29  |
| IHD | 80 | 35.80 | 1.199 | 1.117 | 1.291 |
| IHD | 80 | 35.90 | 1.199 | 1.117 | 1.291 |
| IHD | 80 | 36.00 | 1.2   | 1.117 | 1.292 |
| IHD | 80 | 36.10 | 1.2   | 1.118 | 1.292 |
| IHD | 80 | 36.20 | 1.201 | 1.118 | 1.292 |
| IHD | 80 | 36.30 | 1.201 | 1.118 | 1.293 |
| IHD | 80 | 36.40 | 1.202 | 1.119 | 1.293 |
| IHD | 80 | 36.50 | 1.202 | 1.119 | 1.294 |
| IHD | 80 | 36.60 | 1.202 | 1.119 | 1.294 |
| IHD | 80 | 36.70 | 1.203 | 1.12  | 1.295 |
| IHD | 80 | 36.80 | 1.203 | 1.12  | 1.295 |
| IHD | 80 | 36.90 | 1.204 | 1.12  | 1.296 |
| IHD | 80 | 37.00 | 1.204 | 1.121 | 1.296 |
| IHD | 80 | 37.10 | 1.204 | 1.121 | 1.297 |
| IHD | 80 | 37.20 | 1.205 | 1.122 | 1.297 |
| IHD | 80 | 37.30 | 1.205 | 1.122 | 1.297 |
| IHD | 80 | 37.40 | 1.206 | 1.122 | 1.298 |
| IHD | 80 | 37.50 | 1.206 | 1.123 | 1.298 |
| IHD | 80 | 37.60 | 1.206 | 1.123 | 1.299 |
| IHD | 80 | 37.70 | 1.207 | 1.124 | 1.299 |
| IHD | 80 | 37.80 | 1.207 | 1.124 | 1.3   |
| IHD | 80 | 37.90 | 1.208 | 1.124 | 1.3   |
| IHD | 80 | 38.00 | 1.208 | 1.125 | 1.3   |
| IHD | 80 | 38.10 | 1.208 | 1.125 | 1.301 |
| IHD | 80 | 38.20 | 1.209 | 1.126 | 1.301 |
| IHD | 80 | 38.30 | 1.209 | 1.126 | 1.302 |
| IHD | 80 | 38.40 | 1.21  | 1.126 | 1.302 |
| IHD | 80 | 38.50 | 1.21  | 1.127 | 1.302 |
| IHD | 80 | 38.60 | 1.21  | 1.127 | 1.303 |
| IHD | 80 | 38.70 | 1.211 | 1.127 | 1.303 |
| IHD | 80 | 38.80 | 1.211 | 1.128 | 1.304 |
| IHD | 80 | 38.90 | 1.212 | 1.128 | 1.304 |
| IHD | 80 | 39.00 | 1.212 | 1.128 | 1.305 |
| IHD | 80 | 39.10 | 1.212 | 1.129 | 1.305 |
| IHD | 80 | 39.20 | 1.213 | 1.129 | 1.305 |
| IHD | 80 | 39.30 | 1.213 | 1.13  | 1.306 |
| IHD | 80 | 39.40 | 1.214 | 1.13  | 1.306 |
| IHD | 80 | 39.50 | 1.214 | 1.13  | 1.307 |
| IHD | 80 | 39.60 | 1.214 | 1.131 | 1.307 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 39.70 | 1.215 | 1.131 | 1.307 |
| IHD | 80 | 39.80 | 1.215 | 1.131 | 1.308 |
| IHD | 80 | 39.90 | 1.215 | 1.132 | 1.308 |
| IHD | 80 | 40.00 | 1.216 | 1.132 | 1.309 |
| IHD | 80 | 40.10 | 1.216 | 1.132 | 1.309 |
| IHD | 80 | 40.20 | 1.217 | 1.133 | 1.309 |
| IHD | 80 | 40.30 | 1.217 | 1.133 | 1.31  |
| IHD | 80 | 40.40 | 1.217 | 1.133 | 1.31  |
| IHD | 80 | 40.50 | 1.218 | 1.133 | 1.311 |
| IHD | 80 | 40.60 | 1.218 | 1.134 | 1.311 |
| IHD | 80 | 40.70 | 1.218 | 1.134 | 1.311 |
| IHD | 80 | 40.80 | 1.219 | 1.134 | 1.312 |
| IHD | 80 | 40.90 | 1.219 | 1.134 | 1.312 |
| IHD | 80 | 41.00 | 1.22  | 1.135 | 1.312 |
| IHD | 80 | 41.10 | 1.22  | 1.135 | 1.313 |
| IHD | 80 | 41.20 | 1.22  | 1.135 | 1.313 |
| IHD | 80 | 41.30 | 1.221 | 1.135 | 1.314 |
| IHD | 80 | 41.40 | 1.221 | 1.136 | 1.314 |
| IHD | 80 | 41.50 | 1.221 | 1.136 | 1.314 |
| IHD | 80 | 41.60 | 1.222 | 1.136 | 1.315 |
| IHD | 80 | 41.70 | 1.222 | 1.136 | 1.315 |
| IHD | 80 | 41.80 | 1.223 | 1.137 | 1.316 |
| IHD | 80 | 41.90 | 1.223 | 1.137 | 1.316 |
| IHD | 80 | 42.00 | 1.223 | 1.137 | 1.316 |
| IHD | 80 | 42.10 | 1.224 | 1.137 | 1.317 |
| IHD | 80 | 42.20 | 1.224 | 1.138 | 1.317 |
| IHD | 80 | 42.30 | 1.224 | 1.138 | 1.318 |
| IHD | 80 | 42.40 | 1.225 | 1.138 | 1.318 |
| IHD | 80 | 42.50 | 1.225 | 1.139 | 1.318 |
| IHD | 80 | 42.60 | 1.225 | 1.139 | 1.319 |
| IHD | 80 | 42.70 | 1.226 | 1.139 | 1.319 |
| IHD | 80 | 42.80 | 1.226 | 1.14  | 1.32  |
| IHD | 80 | 42.90 | 1.226 | 1.14  | 1.32  |
| IHD | 80 | 43.00 | 1.227 | 1.14  | 1.32  |
| IHD | 80 | 43.10 | 1.227 | 1.14  | 1.321 |
| IHD | 80 | 43.20 | 1.228 | 1.141 | 1.321 |
| IHD | 80 | 43.30 | 1.228 | 1.141 | 1.321 |
| IHD | 80 | 43.40 | 1.228 | 1.141 | 1.322 |
| IHD | 80 | 43.50 | 1.229 | 1.142 | 1.322 |
| IHD | 80 | 43.60 | 1.229 | 1.142 | 1.322 |
| IHD | 80 | 43.70 | 1.229 | 1.142 | 1.323 |
| IHD | 80 | 43.80 | 1.23  | 1.143 | 1.323 |
| IHD | 80 | 43.90 | 1.23  | 1.143 | 1.324 |
| IHD | 80 | 44.00 | 1.23  | 1.143 | 1.324 |
| IHD | 80 | 44.10 | 1.231 | 1.143 | 1.324 |
| IHD | 80 | 44.20 | 1.231 | 1.144 | 1.325 |
| IHD | 80 | 44.30 | 1.231 | 1.144 | 1.325 |
| IHD | 80 | 44.40 | 1.232 | 1.144 | 1.325 |
| IHD | 80 | 44.50 | 1.232 | 1.145 | 1.325 |
| IHD | 80 | 44.60 | 1.232 | 1.145 | 1.326 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 44.70 | 1.233 | 1.145 | 1.326 |
| IHD | 80 | 44.80 | 1.233 | 1.146 | 1.326 |
| IHD | 80 | 44.90 | 1.233 | 1.146 | 1.327 |
| IHD | 80 | 45.00 | 1.234 | 1.146 | 1.327 |
| IHD | 80 | 45.10 | 1.234 | 1.146 | 1.327 |
| IHD | 80 | 45.20 | 1.234 | 1.147 | 1.328 |
| IHD | 80 | 45.30 | 1.235 | 1.147 | 1.328 |
| IHD | 80 | 45.40 | 1.235 | 1.147 | 1.328 |
| IHD | 80 | 45.50 | 1.235 | 1.148 | 1.328 |
| IHD | 80 | 45.60 | 1.236 | 1.148 | 1.329 |
| IHD | 80 | 45.70 | 1.236 | 1.148 | 1.329 |
| IHD | 80 | 45.80 | 1.236 | 1.149 | 1.329 |
| IHD | 80 | 45.90 | 1.237 | 1.149 | 1.33  |
| IHD | 80 | 46.00 | 1.237 | 1.149 | 1.33  |
| IHD | 80 | 46.10 | 1.237 | 1.15  | 1.33  |
| IHD | 80 | 46.20 | 1.238 | 1.15  | 1.331 |
| IHD | 80 | 46.30 | 1.238 | 1.15  | 1.331 |
| IHD | 80 | 46.40 | 1.238 | 1.151 | 1.331 |
| IHD | 80 | 46.50 | 1.239 | 1.151 | 1.332 |
| IHD | 80 | 46.60 | 1.239 | 1.151 | 1.332 |
| IHD | 80 | 46.70 | 1.239 | 1.152 | 1.332 |
| IHD | 80 | 46.80 | 1.24  | 1.152 | 1.333 |
| IHD | 80 | 46.90 | 1.24  | 1.152 | 1.333 |
| IHD | 80 | 47.00 | 1.24  | 1.153 | 1.333 |
| IHD | 80 | 47.10 | 1.241 | 1.153 | 1.334 |
| IHD | 80 | 47.20 | 1.241 | 1.153 | 1.334 |
| IHD | 80 | 47.30 | 1.241 | 1.154 | 1.334 |
| IHD | 80 | 47.40 | 1.241 | 1.154 | 1.335 |
| IHD | 80 | 47.50 | 1.242 | 1.154 | 1.335 |
| IHD | 80 | 47.60 | 1.242 | 1.155 | 1.335 |
| IHD | 80 | 47.70 | 1.242 | 1.155 | 1.336 |
| IHD | 80 | 47.80 | 1.243 | 1.155 | 1.336 |
| IHD | 80 | 47.90 | 1.243 | 1.156 | 1.336 |
| IHD | 80 | 48.00 | 1.243 | 1.156 | 1.336 |
| IHD | 80 | 48.10 | 1.244 | 1.156 | 1.337 |
| IHD | 80 | 48.20 | 1.244 | 1.157 | 1.337 |
| IHD | 80 | 48.30 | 1.244 | 1.157 | 1.337 |
| IHD | 80 | 48.40 | 1.245 | 1.157 | 1.338 |
| IHD | 80 | 48.50 | 1.245 | 1.158 | 1.338 |
| IHD | 80 | 48.60 | 1.245 | 1.158 | 1.338 |
| IHD | 80 | 48.70 | 1.246 | 1.158 | 1.339 |
| IHD | 80 | 48.80 | 1.246 | 1.159 | 1.339 |
| IHD | 80 | 48.90 | 1.246 | 1.159 | 1.339 |
| IHD | 80 | 49.00 | 1.246 | 1.16  | 1.34  |
| IHD | 80 | 49.10 | 1.247 | 1.16  | 1.34  |
| IHD | 80 | 49.20 | 1.247 | 1.16  | 1.34  |
| IHD | 80 | 49.30 | 1.247 | 1.16  | 1.34  |
| IHD | 80 | 49.40 | 1.248 | 1.161 | 1.341 |
| IHD | 80 | 49.50 | 1.248 | 1.161 | 1.341 |
| IHD | 80 | 49.60 | 1.248 | 1.161 | 1.341 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 80 | 49.70 | 1.249 | 1.162 | 1.342 |
| IHD | 80 | 49.80 | 1.249 | 1.162 | 1.342 |
| IHD | 80 | 49.90 | 1.249 | 1.162 | 1.342 |
| IHD | 85 | 0.00  | 1     | 1     | 1     |
| IHD | 85 | 0.10  | 1     | 1     | 1     |
| IHD | 85 | 0.20  | 1     | 1     | 1     |
| IHD | 85 | 0.30  | 1     | 1     | 1     |
| IHD | 85 | 0.40  | 1     | 1     | 1     |
| IHD | 85 | 0.50  | 1     | 1     | 1     |
| IHD | 85 | 0.60  | 1     | 1     | 1     |
| IHD | 85 | 0.70  | 1     | 1     | 1     |
| IHD | 85 | 0.80  | 1     | 1     | 1     |
| IHD | 85 | 0.90  | 1     | 1     | 1     |
| IHD | 85 | 1.00  | 1     | 1     | 1     |
| IHD | 85 | 1.10  | 1     | 1     | 1     |
| IHD | 85 | 1.20  | 1     | 1     | 1     |
| IHD | 85 | 1.30  | 1     | 1     | 1     |
| IHD | 85 | 1.40  | 1     | 1     | 1     |
| IHD | 85 | 1.50  | 1     | 1     | 1     |
| IHD | 85 | 1.60  | 1     | 1     | 1     |
| IHD | 85 | 1.70  | 1     | 1     | 1     |
| IHD | 85 | 1.80  | 1     | 1     | 1     |
| IHD | 85 | 1.90  | 1     | 1     | 1     |
| IHD | 85 | 2.00  | 1     | 1     | 1     |
| IHD | 85 | 2.10  | 1     | 1     | 1     |
| IHD | 85 | 2.20  | 1     | 1     | 1.002 |
| IHD | 85 | 2.30  | 1     | 1     | 1.003 |
| IHD | 85 | 2.40  | 1     | 1     | 1.004 |
| IHD | 85 | 2.50  | 1     | 1     | 1.005 |
| IHD | 85 | 2.60  | 1     | 1     | 1.007 |
| IHD | 85 | 2.70  | 1.001 | 1     | 1.008 |
| IHD | 85 | 2.80  | 1.001 | 1     | 1.009 |
| IHD | 85 | 2.90  | 1.001 | 1     | 1.01  |
| IHD | 85 | 3.00  | 1.001 | 1     | 1.011 |
| IHD | 85 | 3.10  | 1.001 | 1     | 1.012 |
| IHD | 85 | 3.20  | 1.002 | 1     | 1.013 |
| IHD | 85 | 3.30  | 1.002 | 1     | 1.015 |
| IHD | 85 | 3.40  | 1.002 | 1     | 1.016 |
| IHD | 85 | 3.50  | 1.002 | 1     | 1.017 |
| IHD | 85 | 3.60  | 1.003 | 1     | 1.018 |
| IHD | 85 | 3.70  | 1.003 | 1     | 1.02  |
| IHD | 85 | 3.80  | 1.003 | 1     | 1.021 |
| IHD | 85 | 3.90  | 1.004 | 1     | 1.022 |
| IHD | 85 | 4.00  | 1.004 | 1     | 1.023 |
| IHD | 85 | 4.10  | 1.005 | 1     | 1.025 |
| IHD | 85 | 4.20  | 1.005 | 1     | 1.026 |
| IHD | 85 | 4.30  | 1.005 | 1     | 1.027 |
| IHD | 85 | 4.40  | 1.006 | 1     | 1.029 |
| IHD | 85 | 4.50  | 1.006 | 1     | 1.03  |
| IHD | 85 | 4.60  | 1.007 | 1     | 1.031 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 85 | 4.70 | 1.007 | 1     | 1.032 |
| IHD | 85 | 4.80 | 1.008 | 1     | 1.033 |
| IHD | 85 | 4.90 | 1.008 | 1     | 1.034 |
| IHD | 85 | 5.00 | 1.009 | 1     | 1.036 |
| IHD | 85 | 5.10 | 1.009 | 1     | 1.037 |
| IHD | 85 | 5.20 | 1.01  | 1     | 1.038 |
| IHD | 85 | 5.30 | 1.011 | 1     | 1.039 |
| IHD | 85 | 5.40 | 1.011 | 1     | 1.04  |
| IHD | 85 | 5.50 | 1.012 | 1     | 1.041 |
| IHD | 85 | 5.60 | 1.012 | 1     | 1.042 |
| IHD | 85 | 5.70 | 1.013 | 1     | 1.044 |
| IHD | 85 | 5.80 | 1.014 | 1     | 1.045 |
| IHD | 85 | 5.90 | 1.014 | 1     | 1.046 |
| IHD | 85 | 6.00 | 1.015 | 1     | 1.047 |
| IHD | 85 | 6.10 | 1.015 | 1     | 1.048 |
| IHD | 85 | 6.20 | 1.016 | 1     | 1.049 |
| IHD | 85 | 6.30 | 1.017 | 1     | 1.05  |
| IHD | 85 | 6.40 | 1.017 | 1     | 1.052 |
| IHD | 85 | 6.50 | 1.018 | 1     | 1.053 |
| IHD | 85 | 6.60 | 1.019 | 1     | 1.054 |
| IHD | 85 | 6.70 | 1.019 | 1     | 1.055 |
| IHD | 85 | 6.80 | 1.02  | 1     | 1.056 |
| IHD | 85 | 6.90 | 1.021 | 1     | 1.057 |
| IHD | 85 | 7.00 | 1.021 | 1     | 1.058 |
| IHD | 85 | 7.10 | 1.022 | 1     | 1.059 |
| IHD | 85 | 7.20 | 1.023 | 1     | 1.061 |
| IHD | 85 | 7.30 | 1.023 | 1     | 1.062 |
| IHD | 85 | 7.40 | 1.024 | 1     | 1.063 |
| IHD | 85 | 7.50 | 1.025 | 1     | 1.064 |
| IHD | 85 | 7.60 | 1.025 | 1     | 1.065 |
| IHD | 85 | 7.70 | 1.026 | 1     | 1.066 |
| IHD | 85 | 7.80 | 1.027 | 1     | 1.067 |
| IHD | 85 | 7.90 | 1.027 | 1     | 1.068 |
| IHD | 85 | 8.00 | 1.028 | 1     | 1.069 |
| IHD | 85 | 8.10 | 1.029 | 1     | 1.07  |
| IHD | 85 | 8.20 | 1.029 | 1     | 1.071 |
| IHD | 85 | 8.30 | 1.03  | 1     | 1.072 |
| IHD | 85 | 8.40 | 1.031 | 1     | 1.073 |
| IHD | 85 | 8.50 | 1.031 | 1     | 1.074 |
| IHD | 85 | 8.60 | 1.032 | 1     | 1.075 |
| IHD | 85 | 8.70 | 1.033 | 1     | 1.076 |
| IHD | 85 | 8.80 | 1.033 | 1     | 1.077 |
| IHD | 85 | 8.90 | 1.034 | 1     | 1.078 |
| IHD | 85 | 9.00 | 1.035 | 1     | 1.079 |
| IHD | 85 | 9.10 | 1.035 | 1     | 1.08  |
| IHD | 85 | 9.20 | 1.036 | 1     | 1.081 |
| IHD | 85 | 9.30 | 1.037 | 1     | 1.082 |
| IHD | 85 | 9.40 | 1.038 | 1     | 1.083 |
| IHD | 85 | 9.50 | 1.038 | 1.001 | 1.084 |
| IHD | 85 | 9.60 | 1.039 | 1.001 | 1.085 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 9.70  | 1.04  | 1.002 | 1.086 |
| IHD | 85 | 9.80  | 1.04  | 1.002 | 1.087 |
| IHD | 85 | 9.90  | 1.041 | 1.002 | 1.088 |
| IHD | 85 | 10.00 | 1.042 | 1.003 | 1.089 |
| IHD | 85 | 10.10 | 1.042 | 1.003 | 1.09  |
| IHD | 85 | 10.20 | 1.043 | 1.004 | 1.091 |
| IHD | 85 | 10.30 | 1.044 | 1.004 | 1.092 |
| IHD | 85 | 10.40 | 1.044 | 1.005 | 1.093 |
| IHD | 85 | 10.50 | 1.045 | 1.005 | 1.094 |
| IHD | 85 | 10.60 | 1.046 | 1.005 | 1.095 |
| IHD | 85 | 10.70 | 1.046 | 1.006 | 1.096 |
| IHD | 85 | 10.80 | 1.047 | 1.006 | 1.097 |
| IHD | 85 | 10.90 | 1.048 | 1.007 | 1.098 |
| IHD | 85 | 11.00 | 1.048 | 1.007 | 1.099 |
| IHD | 85 | 11.10 | 1.049 | 1.008 | 1.1   |
| IHD | 85 | 11.20 | 1.05  | 1.008 | 1.101 |
| IHD | 85 | 11.30 | 1.05  | 1.008 | 1.102 |
| IHD | 85 | 11.40 | 1.051 | 1.009 | 1.103 |
| IHD | 85 | 11.50 | 1.051 | 1.009 | 1.104 |
| IHD | 85 | 11.60 | 1.052 | 1.01  | 1.105 |
| IHD | 85 | 11.70 | 1.053 | 1.01  | 1.106 |
| IHD | 85 | 11.80 | 1.053 | 1.011 | 1.106 |
| IHD | 85 | 11.90 | 1.054 | 1.011 | 1.107 |
| IHD | 85 | 12.00 | 1.055 | 1.011 | 1.108 |
| IHD | 85 | 12.10 | 1.055 | 1.012 | 1.109 |
| IHD | 85 | 12.20 | 1.056 | 1.012 | 1.11  |
| IHD | 85 | 12.30 | 1.057 | 1.013 | 1.111 |
| IHD | 85 | 12.40 | 1.057 | 1.013 | 1.111 |
| IHD | 85 | 12.50 | 1.058 | 1.014 | 1.112 |
| IHD | 85 | 12.60 | 1.059 | 1.014 | 1.113 |
| IHD | 85 | 12.70 | 1.059 | 1.014 | 1.114 |
| IHD | 85 | 12.80 | 1.06  | 1.015 | 1.115 |
| IHD | 85 | 12.90 | 1.06  | 1.015 | 1.116 |
| IHD | 85 | 13.00 | 1.061 | 1.016 | 1.116 |
| IHD | 85 | 13.10 | 1.062 | 1.016 | 1.117 |
| IHD | 85 | 13.20 | 1.062 | 1.017 | 1.118 |
| IHD | 85 | 13.30 | 1.063 | 1.017 | 1.119 |
| IHD | 85 | 13.40 | 1.064 | 1.017 | 1.12  |
| IHD | 85 | 13.50 | 1.064 | 1.018 | 1.121 |
| IHD | 85 | 13.60 | 1.065 | 1.018 | 1.121 |
| IHD | 85 | 13.70 | 1.065 | 1.019 | 1.122 |
| IHD | 85 | 13.80 | 1.066 | 1.019 | 1.123 |
| IHD | 85 | 13.90 | 1.067 | 1.02  | 1.124 |
| IHD | 85 | 14.00 | 1.067 | 1.02  | 1.125 |
| IHD | 85 | 14.10 | 1.068 | 1.02  | 1.126 |
| IHD | 85 | 14.20 | 1.068 | 1.021 | 1.126 |
| IHD | 85 | 14.30 | 1.069 | 1.021 | 1.127 |
| IHD | 85 | 14.40 | 1.07  | 1.022 | 1.128 |
| IHD | 85 | 14.50 | 1.07  | 1.022 | 1.129 |
| IHD | 85 | 14.60 | 1.071 | 1.023 | 1.13  |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 14.70 | 1.071 | 1.023 | 1.13  |
| IHD | 85 | 14.80 | 1.072 | 1.023 | 1.131 |
| IHD | 85 | 14.90 | 1.073 | 1.024 | 1.132 |
| IHD | 85 | 15.00 | 1.073 | 1.024 | 1.133 |
| IHD | 85 | 15.10 | 1.074 | 1.025 | 1.134 |
| IHD | 85 | 15.20 | 1.074 | 1.025 | 1.134 |
| IHD | 85 | 15.30 | 1.075 | 1.026 | 1.135 |
| IHD | 85 | 15.40 | 1.076 | 1.026 | 1.136 |
| IHD | 85 | 15.50 | 1.076 | 1.026 | 1.137 |
| IHD | 85 | 15.60 | 1.077 | 1.027 | 1.137 |
| IHD | 85 | 15.70 | 1.077 | 1.027 | 1.138 |
| IHD | 85 | 15.80 | 1.078 | 1.028 | 1.139 |
| IHD | 85 | 15.90 | 1.079 | 1.028 | 1.14  |
| IHD | 85 | 16.00 | 1.079 | 1.029 | 1.14  |
| IHD | 85 | 16.10 | 1.08  | 1.029 | 1.141 |
| IHD | 85 | 16.20 | 1.08  | 1.029 | 1.142 |
| IHD | 85 | 16.30 | 1.081 | 1.03  | 1.143 |
| IHD | 85 | 16.40 | 1.081 | 1.03  | 1.144 |
| IHD | 85 | 16.50 | 1.082 | 1.031 | 1.144 |
| IHD | 85 | 16.60 | 1.083 | 1.031 | 1.145 |
| IHD | 85 | 16.70 | 1.083 | 1.031 | 1.146 |
| IHD | 85 | 16.80 | 1.084 | 1.032 | 1.147 |
| IHD | 85 | 16.90 | 1.084 | 1.032 | 1.147 |
| IHD | 85 | 17.00 | 1.085 | 1.033 | 1.148 |
| IHD | 85 | 17.10 | 1.085 | 1.033 | 1.149 |
| IHD | 85 | 17.20 | 1.086 | 1.034 | 1.15  |
| IHD | 85 | 17.30 | 1.087 | 1.034 | 1.151 |
| IHD | 85 | 17.40 | 1.087 | 1.034 | 1.151 |
| IHD | 85 | 17.50 | 1.088 | 1.035 | 1.152 |
| IHD | 85 | 17.60 | 1.088 | 1.035 | 1.153 |
| IHD | 85 | 17.70 | 1.089 | 1.036 | 1.154 |
| IHD | 85 | 17.80 | 1.089 | 1.036 | 1.154 |
| IHD | 85 | 17.90 | 1.09  | 1.036 | 1.155 |
| IHD | 85 | 18.00 | 1.09  | 1.037 | 1.156 |
| IHD | 85 | 18.10 | 1.091 | 1.037 | 1.157 |
| IHD | 85 | 18.20 | 1.092 | 1.038 | 1.157 |
| IHD | 85 | 18.30 | 1.092 | 1.038 | 1.158 |
| IHD | 85 | 18.40 | 1.093 | 1.038 | 1.159 |
| IHD | 85 | 18.50 | 1.093 | 1.039 | 1.16  |
| IHD | 85 | 18.60 | 1.094 | 1.039 | 1.161 |
| IHD | 85 | 18.70 | 1.094 | 1.04  | 1.161 |
| IHD | 85 | 18.80 | 1.095 | 1.04  | 1.162 |
| IHD | 85 | 18.90 | 1.095 | 1.04  | 1.163 |
| IHD | 85 | 19.00 | 1.096 | 1.041 | 1.164 |
| IHD | 85 | 19.10 | 1.096 | 1.041 | 1.164 |
| IHD | 85 | 19.20 | 1.097 | 1.042 | 1.165 |
| IHD | 85 | 19.30 | 1.097 | 1.042 | 1.166 |
| IHD | 85 | 19.40 | 1.098 | 1.042 | 1.166 |
| IHD | 85 | 19.50 | 1.099 | 1.043 | 1.167 |
| IHD | 85 | 19.60 | 1.099 | 1.043 | 1.168 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 19.70 | 1.1   | 1.044 | 1.169 |
| IHD | 85 | 19.80 | 1.1   | 1.044 | 1.169 |
| IHD | 85 | 19.90 | 1.101 | 1.044 | 1.17  |
| IHD | 85 | 20.00 | 1.101 | 1.045 | 1.171 |
| IHD | 85 | 20.10 | 1.102 | 1.045 | 1.171 |
| IHD | 85 | 20.20 | 1.102 | 1.046 | 1.172 |
| IHD | 85 | 20.30 | 1.103 | 1.046 | 1.173 |
| IHD | 85 | 20.40 | 1.103 | 1.046 | 1.173 |
| IHD | 85 | 20.50 | 1.104 | 1.047 | 1.174 |
| IHD | 85 | 20.60 | 1.104 | 1.047 | 1.175 |
| IHD | 85 | 20.70 | 1.105 | 1.047 | 1.175 |
| IHD | 85 | 20.80 | 1.105 | 1.048 | 1.176 |
| IHD | 85 | 20.90 | 1.106 | 1.048 | 1.177 |
| IHD | 85 | 21.00 | 1.106 | 1.048 | 1.177 |
| IHD | 85 | 21.10 | 1.107 | 1.049 | 1.178 |
| IHD | 85 | 21.20 | 1.107 | 1.049 | 1.178 |
| IHD | 85 | 21.30 | 1.108 | 1.05  | 1.179 |
| IHD | 85 | 21.40 | 1.108 | 1.05  | 1.18  |
| IHD | 85 | 21.50 | 1.109 | 1.05  | 1.18  |
| IHD | 85 | 21.60 | 1.109 | 1.051 | 1.181 |
| IHD | 85 | 21.70 | 1.11  | 1.051 | 1.182 |
| IHD | 85 | 21.80 | 1.11  | 1.051 | 1.182 |
| IHD | 85 | 21.90 | 1.111 | 1.052 | 1.183 |
| IHD | 85 | 22.00 | 1.111 | 1.052 | 1.183 |
| IHD | 85 | 22.10 | 1.112 | 1.052 | 1.184 |
| IHD | 85 | 22.20 | 1.112 | 1.053 | 1.185 |
| IHD | 85 | 22.30 | 1.113 | 1.053 | 1.185 |
| IHD | 85 | 22.40 | 1.113 | 1.054 | 1.186 |
| IHD | 85 | 22.50 | 1.114 | 1.054 | 1.186 |
| IHD | 85 | 22.60 | 1.114 | 1.054 | 1.187 |
| IHD | 85 | 22.70 | 1.115 | 1.055 | 1.188 |
| IHD | 85 | 22.80 | 1.115 | 1.055 | 1.188 |
| IHD | 85 | 22.90 | 1.116 | 1.056 | 1.189 |
| IHD | 85 | 23.00 | 1.116 | 1.056 | 1.189 |
| IHD | 85 | 23.10 | 1.117 | 1.056 | 1.19  |
| IHD | 85 | 23.20 | 1.117 | 1.057 | 1.191 |
| IHD | 85 | 23.30 | 1.118 | 1.057 | 1.191 |
| IHD | 85 | 23.40 | 1.118 | 1.057 | 1.192 |
| IHD | 85 | 23.50 | 1.119 | 1.058 | 1.192 |
| IHD | 85 | 23.60 | 1.119 | 1.058 | 1.193 |
| IHD | 85 | 23.70 | 1.12  | 1.059 | 1.194 |
| IHD | 85 | 23.80 | 1.12  | 1.059 | 1.194 |
| IHD | 85 | 23.90 | 1.12  | 1.059 | 1.195 |
| IHD | 85 | 24.00 | 1.121 | 1.06  | 1.195 |
| IHD | 85 | 24.10 | 1.121 | 1.06  | 1.196 |
| IHD | 85 | 24.20 | 1.122 | 1.06  | 1.196 |
| IHD | 85 | 24.30 | 1.122 | 1.061 | 1.197 |
| IHD | 85 | 24.40 | 1.123 | 1.061 | 1.197 |
| IHD | 85 | 24.50 | 1.123 | 1.061 | 1.198 |
| IHD | 85 | 24.60 | 1.124 | 1.062 | 1.199 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 24.70 | 1.124 | 1.062 | 1.199 |
| IHD | 85 | 24.80 | 1.125 | 1.062 | 1.2   |
| IHD | 85 | 24.90 | 1.125 | 1.063 | 1.2   |
| IHD | 85 | 25.00 | 1.126 | 1.063 | 1.201 |
| IHD | 85 | 25.10 | 1.126 | 1.063 | 1.201 |
| IHD | 85 | 25.20 | 1.126 | 1.064 | 1.202 |
| IHD | 85 | 25.30 | 1.127 | 1.064 | 1.202 |
| IHD | 85 | 25.40 | 1.127 | 1.064 | 1.203 |
| IHD | 85 | 25.50 | 1.128 | 1.065 | 1.203 |
| IHD | 85 | 25.60 | 1.128 | 1.065 | 1.204 |
| IHD | 85 | 25.70 | 1.129 | 1.065 | 1.204 |
| IHD | 85 | 25.80 | 1.129 | 1.066 | 1.205 |
| IHD | 85 | 25.90 | 1.13  | 1.066 | 1.205 |
| IHD | 85 | 26.00 | 1.13  | 1.066 | 1.206 |
| IHD | 85 | 26.10 | 1.13  | 1.067 | 1.206 |
| IHD | 85 | 26.20 | 1.131 | 1.067 | 1.207 |
| IHD | 85 | 26.30 | 1.131 | 1.067 | 1.208 |
| IHD | 85 | 26.40 | 1.132 | 1.068 | 1.208 |
| IHD | 85 | 26.50 | 1.132 | 1.068 | 1.209 |
| IHD | 85 | 26.60 | 1.133 | 1.069 | 1.209 |
| IHD | 85 | 26.70 | 1.133 | 1.069 | 1.21  |
| IHD | 85 | 26.80 | 1.134 | 1.069 | 1.21  |
| IHD | 85 | 26.90 | 1.134 | 1.07  | 1.211 |
| IHD | 85 | 27.00 | 1.134 | 1.07  | 1.211 |
| IHD | 85 | 27.10 | 1.135 | 1.07  | 1.212 |
| IHD | 85 | 27.20 | 1.135 | 1.071 | 1.212 |
| IHD | 85 | 27.30 | 1.136 | 1.071 | 1.213 |
| IHD | 85 | 27.40 | 1.136 | 1.071 | 1.213 |
| IHD | 85 | 27.50 | 1.137 | 1.072 | 1.214 |
| IHD | 85 | 27.60 | 1.137 | 1.072 | 1.214 |
| IHD | 85 | 27.70 | 1.137 | 1.072 | 1.215 |
| IHD | 85 | 27.80 | 1.138 | 1.073 | 1.215 |
| IHD | 85 | 27.90 | 1.138 | 1.073 | 1.216 |
| IHD | 85 | 28.00 | 1.139 | 1.074 | 1.216 |
| IHD | 85 | 28.10 | 1.139 | 1.074 | 1.217 |
| IHD | 85 | 28.20 | 1.139 | 1.074 | 1.217 |
| IHD | 85 | 28.30 | 1.14  | 1.075 | 1.218 |
| IHD | 85 | 28.40 | 1.14  | 1.075 | 1.218 |
| IHD | 85 | 28.50 | 1.141 | 1.075 | 1.219 |
| IHD | 85 | 28.60 | 1.141 | 1.076 | 1.219 |
| IHD | 85 | 28.70 | 1.142 | 1.076 | 1.219 |
| IHD | 85 | 28.80 | 1.142 | 1.076 | 1.22  |
| IHD | 85 | 28.90 | 1.142 | 1.077 | 1.22  |
| IHD | 85 | 29.00 | 1.143 | 1.077 | 1.221 |
| IHD | 85 | 29.10 | 1.143 | 1.077 | 1.221 |
| IHD | 85 | 29.20 | 1.144 | 1.078 | 1.222 |
| IHD | 85 | 29.30 | 1.144 | 1.078 | 1.222 |
| IHD | 85 | 29.40 | 1.144 | 1.078 | 1.223 |
| IHD | 85 | 29.50 | 1.145 | 1.079 | 1.223 |
| IHD | 85 | 29.60 | 1.145 | 1.079 | 1.224 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 29.70 | 1.146 | 1.08  | 1.224 |
| IHD | 85 | 29.80 | 1.146 | 1.08  | 1.225 |
| IHD | 85 | 29.90 | 1.146 | 1.08  | 1.225 |
| IHD | 85 | 30.00 | 1.147 | 1.081 | 1.226 |
| IHD | 85 | 30.10 | 1.147 | 1.081 | 1.226 |
| IHD | 85 | 30.20 | 1.148 | 1.081 | 1.227 |
| IHD | 85 | 30.30 | 1.148 | 1.082 | 1.227 |
| IHD | 85 | 30.40 | 1.148 | 1.082 | 1.227 |
| IHD | 85 | 30.50 | 1.149 | 1.082 | 1.228 |
| IHD | 85 | 30.60 | 1.149 | 1.083 | 1.228 |
| IHD | 85 | 30.70 | 1.15  | 1.083 | 1.229 |
| IHD | 85 | 30.80 | 1.15  | 1.083 | 1.229 |
| IHD | 85 | 30.90 | 1.15  | 1.084 | 1.23  |
| IHD | 85 | 31.00 | 1.151 | 1.084 | 1.23  |
| IHD | 85 | 31.10 | 1.151 | 1.084 | 1.23  |
| IHD | 85 | 31.20 | 1.151 | 1.085 | 1.231 |
| IHD | 85 | 31.30 | 1.152 | 1.085 | 1.231 |
| IHD | 85 | 31.40 | 1.152 | 1.085 | 1.232 |
| IHD | 85 | 31.50 | 1.153 | 1.086 | 1.232 |
| IHD | 85 | 31.60 | 1.153 | 1.086 | 1.232 |
| IHD | 85 | 31.70 | 1.153 | 1.086 | 1.233 |
| IHD | 85 | 31.80 | 1.154 | 1.087 | 1.233 |
| IHD | 85 | 31.90 | 1.154 | 1.087 | 1.233 |
| IHD | 85 | 32.00 | 1.155 | 1.087 | 1.234 |
| IHD | 85 | 32.10 | 1.155 | 1.088 | 1.234 |
| IHD | 85 | 32.20 | 1.155 | 1.088 | 1.234 |
| IHD | 85 | 32.30 | 1.156 | 1.088 | 1.235 |
| IHD | 85 | 32.40 | 1.156 | 1.088 | 1.235 |
| IHD | 85 | 32.50 | 1.156 | 1.089 | 1.236 |
| IHD | 85 | 32.60 | 1.157 | 1.089 | 1.236 |
| IHD | 85 | 32.70 | 1.157 | 1.089 | 1.236 |
| IHD | 85 | 32.80 | 1.157 | 1.09  | 1.237 |
| IHD | 85 | 32.90 | 1.158 | 1.09  | 1.237 |
| IHD | 85 | 33.00 | 1.158 | 1.09  | 1.238 |
| IHD | 85 | 33.10 | 1.159 | 1.09  | 1.238 |
| IHD | 85 | 33.20 | 1.159 | 1.091 | 1.238 |
| IHD | 85 | 33.30 | 1.159 | 1.091 | 1.239 |
| IHD | 85 | 33.40 | 1.16  | 1.091 | 1.239 |
| IHD | 85 | 33.50 | 1.16  | 1.091 | 1.239 |
| IHD | 85 | 33.60 | 1.16  | 1.092 | 1.24  |
| IHD | 85 | 33.70 | 1.161 | 1.092 | 1.24  |
| IHD | 85 | 33.80 | 1.161 | 1.092 | 1.241 |
| IHD | 85 | 33.90 | 1.161 | 1.093 | 1.241 |
| IHD | 85 | 34.00 | 1.162 | 1.093 | 1.241 |
| IHD | 85 | 34.10 | 1.162 | 1.093 | 1.242 |
| IHD | 85 | 34.20 | 1.163 | 1.093 | 1.242 |
| IHD | 85 | 34.30 | 1.163 | 1.094 | 1.242 |
| IHD | 85 | 34.40 | 1.163 | 1.094 | 1.243 |
| IHD | 85 | 34.50 | 1.164 | 1.094 | 1.243 |
| IHD | 85 | 34.60 | 1.164 | 1.094 | 1.243 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 34.70 | 1.164 | 1.095 | 1.244 |
| IHD | 85 | 34.80 | 1.165 | 1.095 | 1.244 |
| IHD | 85 | 34.90 | 1.165 | 1.095 | 1.244 |
| IHD | 85 | 35.00 | 1.165 | 1.096 | 1.245 |
| IHD | 85 | 35.10 | 1.166 | 1.096 | 1.245 |
| IHD | 85 | 35.20 | 1.166 | 1.096 | 1.246 |
| IHD | 85 | 35.30 | 1.166 | 1.096 | 1.246 |
| IHD | 85 | 35.40 | 1.167 | 1.097 | 1.246 |
| IHD | 85 | 35.50 | 1.167 | 1.097 | 1.247 |
| IHD | 85 | 35.60 | 1.167 | 1.097 | 1.247 |
| IHD | 85 | 35.70 | 1.168 | 1.097 | 1.247 |
| IHD | 85 | 35.80 | 1.168 | 1.098 | 1.248 |
| IHD | 85 | 35.90 | 1.168 | 1.098 | 1.248 |
| IHD | 85 | 36.00 | 1.169 | 1.098 | 1.248 |
| IHD | 85 | 36.10 | 1.169 | 1.098 | 1.249 |
| IHD | 85 | 36.20 | 1.169 | 1.099 | 1.249 |
| IHD | 85 | 36.30 | 1.17  | 1.099 | 1.249 |
| IHD | 85 | 36.40 | 1.17  | 1.099 | 1.25  |
| IHD | 85 | 36.50 | 1.17  | 1.099 | 1.25  |
| IHD | 85 | 36.60 | 1.171 | 1.1   | 1.25  |
| IHD | 85 | 36.70 | 1.171 | 1.1   | 1.251 |
| IHD | 85 | 36.80 | 1.171 | 1.1   | 1.251 |
| IHD | 85 | 36.90 | 1.172 | 1.1   | 1.251 |
| IHD | 85 | 37.00 | 1.172 | 1.101 | 1.252 |
| IHD | 85 | 37.10 | 1.172 | 1.101 | 1.252 |
| IHD | 85 | 37.20 | 1.173 | 1.101 | 1.252 |
| IHD | 85 | 37.30 | 1.173 | 1.101 | 1.252 |
| IHD | 85 | 37.40 | 1.173 | 1.102 | 1.253 |
| IHD | 85 | 37.50 | 1.174 | 1.102 | 1.253 |
| IHD | 85 | 37.60 | 1.174 | 1.102 | 1.253 |
| IHD | 85 | 37.70 | 1.174 | 1.103 | 1.254 |
| IHD | 85 | 37.80 | 1.175 | 1.103 | 1.254 |
| IHD | 85 | 37.90 | 1.175 | 1.103 | 1.254 |
| IHD | 85 | 38.00 | 1.175 | 1.103 | 1.255 |
| IHD | 85 | 38.10 | 1.176 | 1.104 | 1.255 |
| IHD | 85 | 38.20 | 1.176 | 1.104 | 1.255 |
| IHD | 85 | 38.30 | 1.176 | 1.104 | 1.256 |
| IHD | 85 | 38.40 | 1.177 | 1.104 | 1.256 |
| IHD | 85 | 38.50 | 1.177 | 1.105 | 1.256 |
| IHD | 85 | 38.60 | 1.177 | 1.105 | 1.256 |
| IHD | 85 | 38.70 | 1.178 | 1.105 | 1.257 |
| IHD | 85 | 38.80 | 1.178 | 1.105 | 1.257 |
| IHD | 85 | 38.90 | 1.178 | 1.106 | 1.257 |
| IHD | 85 | 39.00 | 1.178 | 1.106 | 1.258 |
| IHD | 85 | 39.10 | 1.179 | 1.106 | 1.258 |
| IHD | 85 | 39.20 | 1.179 | 1.107 | 1.258 |
| IHD | 85 | 39.30 | 1.179 | 1.107 | 1.258 |
| IHD | 85 | 39.40 | 1.18  | 1.107 | 1.258 |
| IHD | 85 | 39.50 | 1.18  | 1.107 | 1.259 |
| IHD | 85 | 39.60 | 1.18  | 1.108 | 1.259 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 39.70 | 1.181 | 1.108 | 1.259 |
| IHD | 85 | 39.80 | 1.181 | 1.108 | 1.259 |
| IHD | 85 | 39.90 | 1.181 | 1.109 | 1.259 |
| IHD | 85 | 40.00 | 1.182 | 1.109 | 1.259 |
| IHD | 85 | 40.10 | 1.182 | 1.109 | 1.26  |
| IHD | 85 | 40.20 | 1.182 | 1.11  | 1.26  |
| IHD | 85 | 40.30 | 1.182 | 1.11  | 1.261 |
| IHD | 85 | 40.40 | 1.183 | 1.11  | 1.261 |
| IHD | 85 | 40.50 | 1.183 | 1.111 | 1.261 |
| IHD | 85 | 40.60 | 1.183 | 1.111 | 1.262 |
| IHD | 85 | 40.70 | 1.184 | 1.111 | 1.262 |
| IHD | 85 | 40.80 | 1.184 | 1.112 | 1.262 |
| IHD | 85 | 40.90 | 1.184 | 1.112 | 1.263 |
| IHD | 85 | 41.00 | 1.185 | 1.112 | 1.263 |
| IHD | 85 | 41.10 | 1.185 | 1.113 | 1.263 |
| IHD | 85 | 41.20 | 1.185 | 1.113 | 1.264 |
| IHD | 85 | 41.30 | 1.185 | 1.113 | 1.264 |
| IHD | 85 | 41.40 | 1.186 | 1.114 | 1.264 |
| IHD | 85 | 41.50 | 1.186 | 1.114 | 1.264 |
| IHD | 85 | 41.60 | 1.186 | 1.114 | 1.265 |
| IHD | 85 | 41.70 | 1.187 | 1.115 | 1.265 |
| IHD | 85 | 41.80 | 1.187 | 1.115 | 1.265 |
| IHD | 85 | 41.90 | 1.187 | 1.115 | 1.266 |
| IHD | 85 | 42.00 | 1.187 | 1.116 | 1.266 |
| IHD | 85 | 42.10 | 1.188 | 1.116 | 1.266 |
| IHD | 85 | 42.20 | 1.188 | 1.116 | 1.266 |
| IHD | 85 | 42.30 | 1.188 | 1.117 | 1.267 |
| IHD | 85 | 42.40 | 1.189 | 1.117 | 1.267 |
| IHD | 85 | 42.50 | 1.189 | 1.117 | 1.267 |
| IHD | 85 | 42.60 | 1.189 | 1.117 | 1.267 |
| IHD | 85 | 42.70 | 1.189 | 1.118 | 1.267 |
| IHD | 85 | 42.80 | 1.19  | 1.118 | 1.268 |
| IHD | 85 | 42.90 | 1.19  | 1.118 | 1.268 |
| IHD | 85 | 43.00 | 1.19  | 1.119 | 1.268 |
| IHD | 85 | 43.10 | 1.191 | 1.119 | 1.268 |
| IHD | 85 | 43.20 | 1.191 | 1.119 | 1.269 |
| IHD | 85 | 43.30 | 1.191 | 1.119 | 1.269 |
| IHD | 85 | 43.40 | 1.191 | 1.12  | 1.269 |
| IHD | 85 | 43.50 | 1.192 | 1.12  | 1.269 |
| IHD | 85 | 43.60 | 1.192 | 1.12  | 1.269 |
| IHD | 85 | 43.70 | 1.192 | 1.121 | 1.27  |
| IHD | 85 | 43.80 | 1.193 | 1.121 | 1.27  |
| IHD | 85 | 43.90 | 1.193 | 1.121 | 1.27  |
| IHD | 85 | 44.00 | 1.193 | 1.122 | 1.27  |
| IHD | 85 | 44.10 | 1.193 | 1.122 | 1.271 |
| IHD | 85 | 44.20 | 1.194 | 1.122 | 1.271 |
| IHD | 85 | 44.30 | 1.194 | 1.123 | 1.271 |
| IHD | 85 | 44.40 | 1.194 | 1.123 | 1.271 |
| IHD | 85 | 44.50 | 1.194 | 1.123 | 1.271 |
| IHD | 85 | 44.60 | 1.195 | 1.124 | 1.272 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 44.70 | 1.195 | 1.124 | 1.272 |
| IHD | 85 | 44.80 | 1.195 | 1.124 | 1.272 |
| IHD | 85 | 44.90 | 1.196 | 1.124 | 1.272 |
| IHD | 85 | 45.00 | 1.196 | 1.125 | 1.272 |
| IHD | 85 | 45.10 | 1.196 | 1.125 | 1.273 |
| IHD | 85 | 45.20 | 1.196 | 1.125 | 1.273 |
| IHD | 85 | 45.30 | 1.197 | 1.126 | 1.273 |
| IHD | 85 | 45.40 | 1.197 | 1.126 | 1.273 |
| IHD | 85 | 45.50 | 1.197 | 1.126 | 1.273 |
| IHD | 85 | 45.60 | 1.197 | 1.127 | 1.273 |
| IHD | 85 | 45.70 | 1.198 | 1.127 | 1.274 |
| IHD | 85 | 45.80 | 1.198 | 1.127 | 1.274 |
| IHD | 85 | 45.90 | 1.198 | 1.128 | 1.274 |
| IHD | 85 | 46.00 | 1.198 | 1.128 | 1.274 |
| IHD | 85 | 46.10 | 1.199 | 1.128 | 1.274 |
| IHD | 85 | 46.20 | 1.199 | 1.128 | 1.275 |
| IHD | 85 | 46.30 | 1.199 | 1.128 | 1.275 |
| IHD | 85 | 46.40 | 1.199 | 1.129 | 1.275 |
| IHD | 85 | 46.50 | 1.2   | 1.129 | 1.275 |
| IHD | 85 | 46.60 | 1.2   | 1.129 | 1.275 |
| IHD | 85 | 46.70 | 1.2   | 1.129 | 1.276 |
| IHD | 85 | 46.80 | 1.2   | 1.129 | 1.276 |
| IHD | 85 | 46.90 | 1.201 | 1.13  | 1.276 |
| IHD | 85 | 47.00 | 1.201 | 1.13  | 1.276 |
| IHD | 85 | 47.10 | 1.201 | 1.13  | 1.277 |
| IHD | 85 | 47.20 | 1.202 | 1.13  | 1.277 |
| IHD | 85 | 47.30 | 1.202 | 1.131 | 1.277 |
| IHD | 85 | 47.40 | 1.202 | 1.131 | 1.277 |
| IHD | 85 | 47.50 | 1.202 | 1.131 | 1.277 |
| IHD | 85 | 47.60 | 1.203 | 1.131 | 1.278 |
| IHD | 85 | 47.70 | 1.203 | 1.132 | 1.278 |
| IHD | 85 | 47.80 | 1.203 | 1.132 | 1.278 |
| IHD | 85 | 47.90 | 1.203 | 1.132 | 1.278 |
| IHD | 85 | 48.00 | 1.204 | 1.132 | 1.279 |
| IHD | 85 | 48.10 | 1.204 | 1.133 | 1.279 |
| IHD | 85 | 48.20 | 1.204 | 1.133 | 1.279 |
| IHD | 85 | 48.30 | 1.204 | 1.133 | 1.279 |
| IHD | 85 | 48.40 | 1.204 | 1.133 | 1.28  |
| IHD | 85 | 48.50 | 1.205 | 1.133 | 1.28  |
| IHD | 85 | 48.60 | 1.205 | 1.134 | 1.28  |
| IHD | 85 | 48.70 | 1.205 | 1.134 | 1.28  |
| IHD | 85 | 48.80 | 1.205 | 1.134 | 1.28  |
| IHD | 85 | 48.90 | 1.206 | 1.134 | 1.281 |
| IHD | 85 | 49.00 | 1.206 | 1.135 | 1.281 |
| IHD | 85 | 49.10 | 1.206 | 1.135 | 1.281 |
| IHD | 85 | 49.20 | 1.206 | 1.135 | 1.281 |
| IHD | 85 | 49.30 | 1.207 | 1.135 | 1.281 |
| IHD | 85 | 49.40 | 1.207 | 1.136 | 1.282 |
| IHD | 85 | 49.50 | 1.207 | 1.136 | 1.282 |
| IHD | 85 | 49.60 | 1.207 | 1.136 | 1.282 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 85 | 49.70 | 1.208 | 1.136 | 1.282 |
| IHD | 85 | 49.80 | 1.208 | 1.136 | 1.282 |
| IHD | 85 | 49.90 | 1.208 | 1.137 | 1.283 |
| IHD | 90 | 0.00  | 1     | 1     | 1     |
| IHD | 90 | 0.10  | 1     | 1     | 1     |
| IHD | 90 | 0.20  | 1     | 1     | 1     |
| IHD | 90 | 0.30  | 1     | 1     | 1     |
| IHD | 90 | 0.40  | 1     | 1     | 1     |
| IHD | 90 | 0.50  | 1     | 1     | 1     |
| IHD | 90 | 0.60  | 1     | 1     | 1     |
| IHD | 90 | 0.70  | 1     | 1     | 1     |
| IHD | 90 | 0.80  | 1     | 1     | 1     |
| IHD | 90 | 0.90  | 1     | 1     | 1     |
| IHD | 90 | 1.00  | 1     | 1     | 1     |
| IHD | 90 | 1.10  | 1     | 1     | 1     |
| IHD | 90 | 1.20  | 1     | 1     | 1     |
| IHD | 90 | 1.30  | 1     | 1     | 1     |
| IHD | 90 | 1.40  | 1     | 1     | 1     |
| IHD | 90 | 1.50  | 1     | 1     | 1     |
| IHD | 90 | 1.60  | 1     | 1     | 1     |
| IHD | 90 | 1.70  | 1     | 1     | 1     |
| IHD | 90 | 1.80  | 1     | 1     | 1     |
| IHD | 90 | 1.90  | 1     | 1     | 1     |
| IHD | 90 | 2.00  | 1     | 1     | 1.001 |
| IHD | 90 | 2.10  | 1     | 1     | 1.002 |
| IHD | 90 | 2.20  | 1     | 1     | 1.003 |
| IHD | 90 | 2.30  | 1     | 1     | 1.004 |
| IHD | 90 | 2.40  | 1     | 1     | 1.005 |
| IHD | 90 | 2.50  | 1     | 1     | 1.006 |
| IHD | 90 | 2.60  | 1.001 | 1     | 1.007 |
| IHD | 90 | 2.70  | 1.001 | 1     | 1.008 |
| IHD | 90 | 2.80  | 1.001 | 1     | 1.009 |
| IHD | 90 | 2.90  | 1.001 | 1     | 1.01  |
| IHD | 90 | 3.00  | 1.001 | 1     | 1.011 |
| IHD | 90 | 3.10  | 1.001 | 1     | 1.012 |
| IHD | 90 | 3.20  | 1.002 | 1     | 1.013 |
| IHD | 90 | 3.30  | 1.002 | 1     | 1.014 |
| IHD | 90 | 3.40  | 1.002 | 1     | 1.015 |
| IHD | 90 | 3.50  | 1.002 | 1     | 1.017 |
| IHD | 90 | 3.60  | 1.002 | 1     | 1.018 |
| IHD | 90 | 3.70  | 1.003 | 1     | 1.019 |
| IHD | 90 | 3.80  | 1.003 | 1     | 1.02  |
| IHD | 90 | 3.90  | 1.003 | 1     | 1.021 |
| IHD | 90 | 4.00  | 1.004 | 1     | 1.022 |
| IHD | 90 | 4.10  | 1.004 | 1     | 1.023 |
| IHD | 90 | 4.20  | 1.004 | 1     | 1.024 |
| IHD | 90 | 4.30  | 1.005 | 1     | 1.025 |
| IHD | 90 | 4.40  | 1.005 | 1     | 1.025 |
| IHD | 90 | 4.50  | 1.006 | 1     | 1.026 |
| IHD | 90 | 4.60  | 1.006 | 1     | 1.027 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 90 | 4.70 | 1.006 | 1     | 1.028 |
| IHD | 90 | 4.80 | 1.007 | 1     | 1.029 |
| IHD | 90 | 4.90 | 1.007 | 1     | 1.03  |
| IHD | 90 | 5.00 | 1.008 | 1     | 1.031 |
| IHD | 90 | 5.10 | 1.008 | 1     | 1.032 |
| IHD | 90 | 5.20 | 1.009 | 1     | 1.033 |
| IHD | 90 | 5.30 | 1.009 | 1     | 1.034 |
| IHD | 90 | 5.40 | 1.01  | 1     | 1.035 |
| IHD | 90 | 5.50 | 1.01  | 1     | 1.036 |
| IHD | 90 | 5.60 | 1.011 | 1     | 1.037 |
| IHD | 90 | 5.70 | 1.011 | 1     | 1.038 |
| IHD | 90 | 5.80 | 1.012 | 1     | 1.039 |
| IHD | 90 | 5.90 | 1.012 | 1     | 1.039 |
| IHD | 90 | 6.00 | 1.013 | 1     | 1.04  |
| IHD | 90 | 6.10 | 1.013 | 1     | 1.041 |
| IHD | 90 | 6.20 | 1.014 | 1     | 1.042 |
| IHD | 90 | 6.30 | 1.014 | 1     | 1.043 |
| IHD | 90 | 6.40 | 1.015 | 1     | 1.044 |
| IHD | 90 | 6.50 | 1.016 | 1     | 1.045 |
| IHD | 90 | 6.60 | 1.016 | 1     | 1.046 |
| IHD | 90 | 6.70 | 1.017 | 1     | 1.047 |
| IHD | 90 | 6.80 | 1.017 | 1     | 1.047 |
| IHD | 90 | 6.90 | 1.018 | 1     | 1.048 |
| IHD | 90 | 7.00 | 1.018 | 1     | 1.049 |
| IHD | 90 | 7.10 | 1.019 | 1     | 1.05  |
| IHD | 90 | 7.20 | 1.019 | 1     | 1.051 |
| IHD | 90 | 7.30 | 1.02  | 1     | 1.052 |
| IHD | 90 | 7.40 | 1.02  | 1     | 1.053 |
| IHD | 90 | 7.50 | 1.021 | 1     | 1.053 |
| IHD | 90 | 7.60 | 1.022 | 1     | 1.054 |
| IHD | 90 | 7.70 | 1.022 | 1     | 1.055 |
| IHD | 90 | 7.80 | 1.023 | 1     | 1.056 |
| IHD | 90 | 7.90 | 1.023 | 1     | 1.057 |
| IHD | 90 | 8.00 | 1.024 | 1     | 1.058 |
| IHD | 90 | 8.10 | 1.024 | 1     | 1.058 |
| IHD | 90 | 8.20 | 1.025 | 1     | 1.059 |
| IHD | 90 | 8.30 | 1.025 | 1     | 1.06  |
| IHD | 90 | 8.40 | 1.026 | 1     | 1.061 |
| IHD | 90 | 8.50 | 1.027 | 1     | 1.062 |
| IHD | 90 | 8.60 | 1.027 | 1     | 1.062 |
| IHD | 90 | 8.70 | 1.028 | 1     | 1.063 |
| IHD | 90 | 8.80 | 1.028 | 1     | 1.064 |
| IHD | 90 | 8.90 | 1.029 | 1.001 | 1.065 |
| IHD | 90 | 9.00 | 1.029 | 1.001 | 1.066 |
| IHD | 90 | 9.10 | 1.03  | 1.001 | 1.066 |
| IHD | 90 | 9.20 | 1.03  | 1.002 | 1.067 |
| IHD | 90 | 9.30 | 1.031 | 1.002 | 1.068 |
| IHD | 90 | 9.40 | 1.032 | 1.003 | 1.069 |
| IHD | 90 | 9.50 | 1.032 | 1.003 | 1.07  |
| IHD | 90 | 9.60 | 1.033 | 1.003 | 1.071 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 9.70  | 1.033 | 1.004 | 1.071 |
| IHD | 90 | 9.80  | 1.034 | 1.004 | 1.072 |
| IHD | 90 | 9.90  | 1.034 | 1.004 | 1.073 |
| IHD | 90 | 10.00 | 1.035 | 1.005 | 1.074 |
| IHD | 90 | 10.10 | 1.035 | 1.005 | 1.074 |
| IHD | 90 | 10.20 | 1.036 | 1.006 | 1.075 |
| IHD | 90 | 10.30 | 1.036 | 1.006 | 1.076 |
| IHD | 90 | 10.40 | 1.037 | 1.006 | 1.077 |
| IHD | 90 | 10.50 | 1.037 | 1.007 | 1.078 |
| IHD | 90 | 10.60 | 1.038 | 1.007 | 1.078 |
| IHD | 90 | 10.70 | 1.039 | 1.007 | 1.079 |
| IHD | 90 | 10.80 | 1.039 | 1.008 | 1.08  |
| IHD | 90 | 10.90 | 1.04  | 1.008 | 1.081 |
| IHD | 90 | 11.00 | 1.04  | 1.008 | 1.081 |
| IHD | 90 | 11.10 | 1.041 | 1.009 | 1.082 |
| IHD | 90 | 11.20 | 1.041 | 1.009 | 1.083 |
| IHD | 90 | 11.30 | 1.042 | 1.009 | 1.084 |
| IHD | 90 | 11.40 | 1.042 | 1.01  | 1.084 |
| IHD | 90 | 11.50 | 1.043 | 1.01  | 1.085 |
| IHD | 90 | 11.60 | 1.043 | 1.011 | 1.086 |
| IHD | 90 | 11.70 | 1.044 | 1.011 | 1.086 |
| IHD | 90 | 11.80 | 1.044 | 1.011 | 1.087 |
| IHD | 90 | 11.90 | 1.045 | 1.012 | 1.088 |
| IHD | 90 | 12.00 | 1.045 | 1.012 | 1.089 |
| IHD | 90 | 12.10 | 1.046 | 1.013 | 1.089 |
| IHD | 90 | 12.20 | 1.046 | 1.013 | 1.09  |
| IHD | 90 | 12.30 | 1.047 | 1.013 | 1.091 |
| IHD | 90 | 12.40 | 1.047 | 1.014 | 1.091 |
| IHD | 90 | 12.50 | 1.048 | 1.014 | 1.092 |
| IHD | 90 | 12.60 | 1.048 | 1.014 | 1.093 |
| IHD | 90 | 12.70 | 1.049 | 1.015 | 1.094 |
| IHD | 90 | 12.80 | 1.049 | 1.015 | 1.094 |
| IHD | 90 | 12.90 | 1.05  | 1.015 | 1.095 |
| IHD | 90 | 13.00 | 1.05  | 1.016 | 1.096 |
| IHD | 90 | 13.10 | 1.051 | 1.016 | 1.096 |
| IHD | 90 | 13.20 | 1.051 | 1.016 | 1.097 |
| IHD | 90 | 13.30 | 1.052 | 1.017 | 1.098 |
| IHD | 90 | 13.40 | 1.052 | 1.017 | 1.098 |
| IHD | 90 | 13.50 | 1.053 | 1.017 | 1.099 |
| IHD | 90 | 13.60 | 1.053 | 1.018 | 1.1   |
| IHD | 90 | 13.70 | 1.054 | 1.018 | 1.1   |
| IHD | 90 | 13.80 | 1.054 | 1.018 | 1.101 |
| IHD | 90 | 13.90 | 1.055 | 1.019 | 1.102 |
| IHD | 90 | 14.00 | 1.055 | 1.019 | 1.103 |
| IHD | 90 | 14.10 | 1.056 | 1.02  | 1.103 |
| IHD | 90 | 14.20 | 1.056 | 1.02  | 1.104 |
| IHD | 90 | 14.30 | 1.057 | 1.02  | 1.104 |
| IHD | 90 | 14.40 | 1.057 | 1.021 | 1.105 |
| IHD | 90 | 14.50 | 1.058 | 1.021 | 1.106 |
| IHD | 90 | 14.60 | 1.058 | 1.021 | 1.106 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 14.70 | 1.059 | 1.022 | 1.107 |
| IHD | 90 | 14.80 | 1.059 | 1.022 | 1.108 |
| IHD | 90 | 14.90 | 1.06  | 1.022 | 1.108 |
| IHD | 90 | 15.00 | 1.06  | 1.023 | 1.109 |
| IHD | 90 | 15.10 | 1.061 | 1.023 | 1.11  |
| IHD | 90 | 15.20 | 1.061 | 1.023 | 1.11  |
| IHD | 90 | 15.30 | 1.061 | 1.024 | 1.111 |
| IHD | 90 | 15.40 | 1.062 | 1.024 | 1.112 |
| IHD | 90 | 15.50 | 1.062 | 1.024 | 1.112 |
| IHD | 90 | 15.60 | 1.063 | 1.025 | 1.113 |
| IHD | 90 | 15.70 | 1.063 | 1.025 | 1.114 |
| IHD | 90 | 15.80 | 1.064 | 1.025 | 1.114 |
| IHD | 90 | 15.90 | 1.064 | 1.026 | 1.115 |
| IHD | 90 | 16.00 | 1.065 | 1.026 | 1.115 |
| IHD | 90 | 16.10 | 1.065 | 1.026 | 1.116 |
| IHD | 90 | 16.20 | 1.066 | 1.026 | 1.117 |
| IHD | 90 | 16.30 | 1.066 | 1.027 | 1.117 |
| IHD | 90 | 16.40 | 1.067 | 1.027 | 1.118 |
| IHD | 90 | 16.50 | 1.067 | 1.027 | 1.118 |
| IHD | 90 | 16.60 | 1.067 | 1.028 | 1.119 |
| IHD | 90 | 16.70 | 1.068 | 1.028 | 1.12  |
| IHD | 90 | 16.80 | 1.068 | 1.028 | 1.12  |
| IHD | 90 | 16.90 | 1.069 | 1.028 | 1.121 |
| IHD | 90 | 17.00 | 1.069 | 1.029 | 1.121 |
| IHD | 90 | 17.10 | 1.07  | 1.029 | 1.122 |
| IHD | 90 | 17.20 | 1.07  | 1.029 | 1.123 |
| IHD | 90 | 17.30 | 1.071 | 1.03  | 1.123 |
| IHD | 90 | 17.40 | 1.071 | 1.03  | 1.124 |
| IHD | 90 | 17.50 | 1.071 | 1.03  | 1.124 |
| IHD | 90 | 17.60 | 1.072 | 1.03  | 1.125 |
| IHD | 90 | 17.70 | 1.072 | 1.031 | 1.126 |
| IHD | 90 | 17.80 | 1.073 | 1.031 | 1.126 |
| IHD | 90 | 17.90 | 1.073 | 1.031 | 1.127 |
| IHD | 90 | 18.00 | 1.074 | 1.031 | 1.127 |
| IHD | 90 | 18.10 | 1.074 | 1.032 | 1.128 |
| IHD | 90 | 18.20 | 1.074 | 1.032 | 1.129 |
| IHD | 90 | 18.30 | 1.075 | 1.032 | 1.129 |
| IHD | 90 | 18.40 | 1.075 | 1.033 | 1.13  |
| IHD | 90 | 18.50 | 1.076 | 1.033 | 1.13  |
| IHD | 90 | 18.60 | 1.076 | 1.033 | 1.131 |
| IHD | 90 | 18.70 | 1.077 | 1.033 | 1.131 |
| IHD | 90 | 18.80 | 1.077 | 1.034 | 1.132 |
| IHD | 90 | 18.90 | 1.077 | 1.034 | 1.133 |
| IHD | 90 | 19.00 | 1.078 | 1.034 | 1.133 |
| IHD | 90 | 19.10 | 1.078 | 1.035 | 1.134 |
| IHD | 90 | 19.20 | 1.079 | 1.035 | 1.134 |
| IHD | 90 | 19.30 | 1.079 | 1.035 | 1.135 |
| IHD | 90 | 19.40 | 1.08  | 1.036 | 1.135 |
| IHD | 90 | 19.50 | 1.08  | 1.036 | 1.136 |
| IHD | 90 | 19.60 | 1.08  | 1.036 | 1.136 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 19.70 | 1.081 | 1.037 | 1.137 |
| IHD | 90 | 19.80 | 1.081 | 1.037 | 1.137 |
| IHD | 90 | 19.90 | 1.082 | 1.037 | 1.138 |
| IHD | 90 | 20.00 | 1.082 | 1.038 | 1.138 |
| IHD | 90 | 20.10 | 1.082 | 1.038 | 1.139 |
| IHD | 90 | 20.20 | 1.083 | 1.038 | 1.139 |
| IHD | 90 | 20.30 | 1.083 | 1.039 | 1.14  |
| IHD | 90 | 20.40 | 1.084 | 1.039 | 1.14  |
| IHD | 90 | 20.50 | 1.084 | 1.039 | 1.141 |
| IHD | 90 | 20.60 | 1.084 | 1.04  | 1.141 |
| IHD | 90 | 20.70 | 1.085 | 1.04  | 1.142 |
| IHD | 90 | 20.80 | 1.085 | 1.04  | 1.142 |
| IHD | 90 | 20.90 | 1.086 | 1.04  | 1.143 |
| IHD | 90 | 21.00 | 1.086 | 1.041 | 1.143 |
| IHD | 90 | 21.10 | 1.086 | 1.041 | 1.144 |
| IHD | 90 | 21.20 | 1.087 | 1.041 | 1.144 |
| IHD | 90 | 21.30 | 1.087 | 1.042 | 1.144 |
| IHD | 90 | 21.40 | 1.088 | 1.042 | 1.145 |
| IHD | 90 | 21.50 | 1.088 | 1.042 | 1.145 |
| IHD | 90 | 21.60 | 1.088 | 1.043 | 1.145 |
| IHD | 90 | 21.70 | 1.089 | 1.043 | 1.146 |
| IHD | 90 | 21.80 | 1.089 | 1.043 | 1.146 |
| IHD | 90 | 21.90 | 1.09  | 1.043 | 1.146 |
| IHD | 90 | 22.00 | 1.09  | 1.044 | 1.147 |
| IHD | 90 | 22.10 | 1.09  | 1.044 | 1.147 |
| IHD | 90 | 22.20 | 1.091 | 1.044 | 1.148 |
| IHD | 90 | 22.30 | 1.091 | 1.045 | 1.148 |
| IHD | 90 | 22.40 | 1.092 | 1.045 | 1.149 |
| IHD | 90 | 22.50 | 1.092 | 1.045 | 1.149 |
| IHD | 90 | 22.60 | 1.092 | 1.046 | 1.149 |
| IHD | 90 | 22.70 | 1.093 | 1.046 | 1.15  |
| IHD | 90 | 22.80 | 1.093 | 1.046 | 1.15  |
| IHD | 90 | 22.90 | 1.093 | 1.046 | 1.151 |
| IHD | 90 | 23.00 | 1.094 | 1.047 | 1.151 |
| IHD | 90 | 23.10 | 1.094 | 1.047 | 1.152 |
| IHD | 90 | 23.20 | 1.095 | 1.047 | 1.152 |
| IHD | 90 | 23.30 | 1.095 | 1.048 | 1.153 |
| IHD | 90 | 23.40 | 1.095 | 1.048 | 1.153 |
| IHD | 90 | 23.50 | 1.096 | 1.048 | 1.154 |
| IHD | 90 | 23.60 | 1.096 | 1.049 | 1.154 |
| IHD | 90 | 23.70 | 1.096 | 1.049 | 1.154 |
| IHD | 90 | 23.80 | 1.097 | 1.049 | 1.155 |
| IHD | 90 | 23.90 | 1.097 | 1.05  | 1.155 |
| IHD | 90 | 24.00 | 1.098 | 1.05  | 1.156 |
| IHD | 90 | 24.10 | 1.098 | 1.05  | 1.156 |
| IHD | 90 | 24.20 | 1.098 | 1.051 | 1.157 |
| IHD | 90 | 24.30 | 1.099 | 1.051 | 1.157 |
| IHD | 90 | 24.40 | 1.099 | 1.051 | 1.158 |
| IHD | 90 | 24.50 | 1.099 | 1.052 | 1.158 |
| IHD | 90 | 24.60 | 1.1   | 1.052 | 1.158 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 24.70 | 1.1   | 1.052 | 1.159 |
| IHD | 90 | 24.80 | 1.1   | 1.052 | 1.159 |
| IHD | 90 | 24.90 | 1.101 | 1.053 | 1.16  |
| IHD | 90 | 25.00 | 1.101 | 1.053 | 1.16  |
| IHD | 90 | 25.10 | 1.101 | 1.053 | 1.161 |
| IHD | 90 | 25.20 | 1.102 | 1.054 | 1.161 |
| IHD | 90 | 25.30 | 1.102 | 1.054 | 1.161 |
| IHD | 90 | 25.40 | 1.103 | 1.054 | 1.162 |
| IHD | 90 | 25.50 | 1.103 | 1.055 | 1.162 |
| IHD | 90 | 25.60 | 1.103 | 1.055 | 1.163 |
| IHD | 90 | 25.70 | 1.104 | 1.055 | 1.163 |
| IHD | 90 | 25.80 | 1.104 | 1.056 | 1.163 |
| IHD | 90 | 25.90 | 1.104 | 1.056 | 1.164 |
| IHD | 90 | 26.00 | 1.105 | 1.056 | 1.164 |
| IHD | 90 | 26.10 | 1.105 | 1.057 | 1.165 |
| IHD | 90 | 26.20 | 1.105 | 1.057 | 1.165 |
| IHD | 90 | 26.30 | 1.106 | 1.057 | 1.165 |
| IHD | 90 | 26.40 | 1.106 | 1.057 | 1.166 |
| IHD | 90 | 26.50 | 1.106 | 1.058 | 1.166 |
| IHD | 90 | 26.60 | 1.107 | 1.058 | 1.166 |
| IHD | 90 | 26.70 | 1.107 | 1.058 | 1.167 |
| IHD | 90 | 26.80 | 1.107 | 1.058 | 1.167 |
| IHD | 90 | 26.90 | 1.108 | 1.058 | 1.168 |
| IHD | 90 | 27.00 | 1.108 | 1.059 | 1.168 |
| IHD | 90 | 27.10 | 1.108 | 1.059 | 1.168 |
| IHD | 90 | 27.20 | 1.109 | 1.059 | 1.169 |
| IHD | 90 | 27.30 | 1.109 | 1.06  | 1.169 |
| IHD | 90 | 27.40 | 1.109 | 1.06  | 1.169 |
| IHD | 90 | 27.50 | 1.11  | 1.06  | 1.17  |
| IHD | 90 | 27.60 | 1.11  | 1.06  | 1.17  |
| IHD | 90 | 27.70 | 1.11  | 1.061 | 1.17  |
| IHD | 90 | 27.80 | 1.111 | 1.061 | 1.171 |
| IHD | 90 | 27.90 | 1.111 | 1.061 | 1.171 |
| IHD | 90 | 28.00 | 1.111 | 1.062 | 1.171 |
| IHD | 90 | 28.10 | 1.112 | 1.062 | 1.172 |
| IHD | 90 | 28.20 | 1.112 | 1.062 | 1.172 |
| IHD | 90 | 28.30 | 1.112 | 1.062 | 1.172 |
| IHD | 90 | 28.40 | 1.113 | 1.063 | 1.172 |
| IHD | 90 | 28.50 | 1.113 | 1.063 | 1.173 |
| IHD | 90 | 28.60 | 1.113 | 1.063 | 1.173 |
| IHD | 90 | 28.70 | 1.114 | 1.063 | 1.173 |
| IHD | 90 | 28.80 | 1.114 | 1.064 | 1.174 |
| IHD | 90 | 28.90 | 1.114 | 1.064 | 1.174 |
| IHD | 90 | 29.00 | 1.115 | 1.064 | 1.174 |
| IHD | 90 | 29.10 | 1.115 | 1.065 | 1.175 |
| IHD | 90 | 29.20 | 1.115 | 1.065 | 1.175 |
| IHD | 90 | 29.30 | 1.115 | 1.065 | 1.175 |
| IHD | 90 | 29.40 | 1.116 | 1.065 | 1.176 |
| IHD | 90 | 29.50 | 1.116 | 1.066 | 1.176 |
| IHD | 90 | 29.60 | 1.116 | 1.066 | 1.176 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 29.70 | 1.117 | 1.066 | 1.177 |
| IHD | 90 | 29.80 | 1.117 | 1.066 | 1.177 |
| IHD | 90 | 29.90 | 1.117 | 1.067 | 1.177 |
| IHD | 90 | 30.00 | 1.118 | 1.067 | 1.178 |
| IHD | 90 | 30.10 | 1.118 | 1.067 | 1.178 |
| IHD | 90 | 30.20 | 1.118 | 1.068 | 1.178 |
| IHD | 90 | 30.30 | 1.119 | 1.068 | 1.178 |
| IHD | 90 | 30.40 | 1.119 | 1.068 | 1.179 |
| IHD | 90 | 30.50 | 1.119 | 1.068 | 1.179 |
| IHD | 90 | 30.60 | 1.119 | 1.069 | 1.179 |
| IHD | 90 | 30.70 | 1.12  | 1.069 | 1.18  |
| IHD | 90 | 30.80 | 1.12  | 1.069 | 1.18  |
| IHD | 90 | 30.90 | 1.12  | 1.069 | 1.18  |
| IHD | 90 | 31.00 | 1.121 | 1.07  | 1.181 |
| IHD | 90 | 31.10 | 1.121 | 1.07  | 1.181 |
| IHD | 90 | 31.20 | 1.121 | 1.07  | 1.181 |
| IHD | 90 | 31.30 | 1.122 | 1.07  | 1.181 |
| IHD | 90 | 31.40 | 1.122 | 1.071 | 1.182 |
| IHD | 90 | 31.50 | 1.122 | 1.071 | 1.182 |
| IHD | 90 | 31.60 | 1.122 | 1.071 | 1.182 |
| IHD | 90 | 31.70 | 1.123 | 1.072 | 1.182 |
| IHD | 90 | 31.80 | 1.123 | 1.072 | 1.183 |
| IHD | 90 | 31.90 | 1.123 | 1.072 | 1.183 |
| IHD | 90 | 32.00 | 1.124 | 1.072 | 1.183 |
| IHD | 90 | 32.10 | 1.124 | 1.073 | 1.184 |
| IHD | 90 | 32.20 | 1.124 | 1.073 | 1.184 |
| IHD | 90 | 32.30 | 1.124 | 1.073 | 1.184 |
| IHD | 90 | 32.40 | 1.125 | 1.073 | 1.184 |
| IHD | 90 | 32.50 | 1.125 | 1.074 | 1.185 |
| IHD | 90 | 32.60 | 1.125 | 1.074 | 1.185 |
| IHD | 90 | 32.70 | 1.126 | 1.074 | 1.185 |
| IHD | 90 | 32.80 | 1.126 | 1.074 | 1.185 |
| IHD | 90 | 32.90 | 1.126 | 1.075 | 1.186 |
| IHD | 90 | 33.00 | 1.126 | 1.075 | 1.186 |
| IHD | 90 | 33.10 | 1.127 | 1.075 | 1.186 |
| IHD | 90 | 33.20 | 1.127 | 1.075 | 1.187 |
| IHD | 90 | 33.30 | 1.127 | 1.076 | 1.187 |
| IHD | 90 | 33.40 | 1.128 | 1.076 | 1.187 |
| IHD | 90 | 33.50 | 1.128 | 1.076 | 1.187 |
| IHD | 90 | 33.60 | 1.128 | 1.077 | 1.188 |
| IHD | 90 | 33.70 | 1.128 | 1.077 | 1.188 |
| IHD | 90 | 33.80 | 1.129 | 1.077 | 1.188 |
| IHD | 90 | 33.90 | 1.129 | 1.077 | 1.188 |
| IHD | 90 | 34.00 | 1.129 | 1.078 | 1.189 |
| IHD | 90 | 34.10 | 1.13  | 1.078 | 1.189 |
| IHD | 90 | 34.20 | 1.13  | 1.078 | 1.189 |
| IHD | 90 | 34.30 | 1.13  | 1.079 | 1.19  |
| IHD | 90 | 34.40 | 1.13  | 1.079 | 1.19  |
| IHD | 90 | 34.50 | 1.131 | 1.079 | 1.19  |
| IHD | 90 | 34.60 | 1.131 | 1.079 | 1.191 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 34.70 | 1.131 | 1.08  | 1.191 |
| IHD | 90 | 34.80 | 1.131 | 1.08  | 1.191 |
| IHD | 90 | 34.90 | 1.132 | 1.08  | 1.192 |
| IHD | 90 | 35.00 | 1.132 | 1.08  | 1.192 |
| IHD | 90 | 35.10 | 1.132 | 1.081 | 1.192 |
| IHD | 90 | 35.20 | 1.132 | 1.081 | 1.193 |
| IHD | 90 | 35.30 | 1.133 | 1.081 | 1.193 |
| IHD | 90 | 35.40 | 1.133 | 1.081 | 1.193 |
| IHD | 90 | 35.50 | 1.133 | 1.081 | 1.194 |
| IHD | 90 | 35.60 | 1.134 | 1.082 | 1.194 |
| IHD | 90 | 35.70 | 1.134 | 1.082 | 1.194 |
| IHD | 90 | 35.80 | 1.134 | 1.082 | 1.194 |
| IHD | 90 | 35.90 | 1.134 | 1.082 | 1.195 |
| IHD | 90 | 36.00 | 1.135 | 1.082 | 1.195 |
| IHD | 90 | 36.10 | 1.135 | 1.083 | 1.195 |
| IHD | 90 | 36.20 | 1.135 | 1.083 | 1.195 |
| IHD | 90 | 36.30 | 1.135 | 1.083 | 1.196 |
| IHD | 90 | 36.40 | 1.136 | 1.083 | 1.196 |
| IHD | 90 | 36.50 | 1.136 | 1.084 | 1.196 |
| IHD | 90 | 36.60 | 1.136 | 1.084 | 1.196 |
| IHD | 90 | 36.70 | 1.136 | 1.084 | 1.197 |
| IHD | 90 | 36.80 | 1.137 | 1.084 | 1.197 |
| IHD | 90 | 36.90 | 1.137 | 1.085 | 1.197 |
| IHD | 90 | 37.00 | 1.137 | 1.085 | 1.197 |
| IHD | 90 | 37.10 | 1.137 | 1.085 | 1.198 |
| IHD | 90 | 37.20 | 1.138 | 1.085 | 1.198 |
| IHD | 90 | 37.30 | 1.138 | 1.086 | 1.198 |
| IHD | 90 | 37.40 | 1.138 | 1.086 | 1.198 |
| IHD | 90 | 37.50 | 1.138 | 1.086 | 1.199 |
| IHD | 90 | 37.60 | 1.139 | 1.086 | 1.199 |
| IHD | 90 | 37.70 | 1.139 | 1.086 | 1.199 |
| IHD | 90 | 37.80 | 1.139 | 1.087 | 1.199 |
| IHD | 90 | 37.90 | 1.139 | 1.087 | 1.199 |
| IHD | 90 | 38.00 | 1.14  | 1.087 | 1.2   |
| IHD | 90 | 38.10 | 1.14  | 1.087 | 1.2   |
| IHD | 90 | 38.20 | 1.14  | 1.087 | 1.2   |
| IHD | 90 | 38.30 | 1.14  | 1.088 | 1.2   |
| IHD | 90 | 38.40 | 1.141 | 1.088 | 1.201 |
| IHD | 90 | 38.50 | 1.141 | 1.088 | 1.201 |
| IHD | 90 | 38.60 | 1.141 | 1.088 | 1.201 |
| IHD | 90 | 38.70 | 1.141 | 1.088 | 1.202 |
| IHD | 90 | 38.80 | 1.142 | 1.088 | 1.202 |
| IHD | 90 | 38.90 | 1.142 | 1.089 | 1.202 |
| IHD | 90 | 39.00 | 1.142 | 1.089 | 1.202 |
| IHD | 90 | 39.10 | 1.142 | 1.089 | 1.202 |
| IHD | 90 | 39.20 | 1.142 | 1.089 | 1.203 |
| IHD | 90 | 39.30 | 1.143 | 1.089 | 1.203 |
| IHD | 90 | 39.40 | 1.143 | 1.09  | 1.203 |
| IHD | 90 | 39.50 | 1.143 | 1.09  | 1.203 |
| IHD | 90 | 39.60 | 1.143 | 1.09  | 1.203 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 39.70 | 1.144 | 1.09  | 1.203 |
| IHD | 90 | 39.80 | 1.144 | 1.09  | 1.204 |
| IHD | 90 | 39.90 | 1.144 | 1.091 | 1.204 |
| IHD | 90 | 40.00 | 1.144 | 1.091 | 1.204 |
| IHD | 90 | 40.10 | 1.145 | 1.091 | 1.204 |
| IHD | 90 | 40.20 | 1.145 | 1.091 | 1.204 |
| IHD | 90 | 40.30 | 1.145 | 1.092 | 1.205 |
| IHD | 90 | 40.40 | 1.145 | 1.092 | 1.205 |
| IHD | 90 | 40.50 | 1.146 | 1.092 | 1.205 |
| IHD | 90 | 40.60 | 1.146 | 1.092 | 1.205 |
| IHD | 90 | 40.70 | 1.146 | 1.093 | 1.205 |
| IHD | 90 | 40.80 | 1.146 | 1.093 | 1.205 |
| IHD | 90 | 40.90 | 1.146 | 1.093 | 1.206 |
| IHD | 90 | 41.00 | 1.147 | 1.093 | 1.206 |
| IHD | 90 | 41.10 | 1.147 | 1.094 | 1.206 |
| IHD | 90 | 41.20 | 1.147 | 1.094 | 1.206 |
| IHD | 90 | 41.30 | 1.147 | 1.094 | 1.207 |
| IHD | 90 | 41.40 | 1.148 | 1.094 | 1.207 |
| IHD | 90 | 41.50 | 1.148 | 1.095 | 1.207 |
| IHD | 90 | 41.60 | 1.148 | 1.095 | 1.207 |
| IHD | 90 | 41.70 | 1.148 | 1.095 | 1.207 |
| IHD | 90 | 41.80 | 1.148 | 1.095 | 1.208 |
| IHD | 90 | 41.90 | 1.149 | 1.096 | 1.208 |
| IHD | 90 | 42.00 | 1.149 | 1.096 | 1.208 |
| IHD | 90 | 42.10 | 1.149 | 1.096 | 1.208 |
| IHD | 90 | 42.20 | 1.149 | 1.096 | 1.209 |
| IHD | 90 | 42.30 | 1.15  | 1.096 | 1.209 |
| IHD | 90 | 42.40 | 1.15  | 1.097 | 1.209 |
| IHD | 90 | 42.50 | 1.15  | 1.097 | 1.209 |
| IHD | 90 | 42.60 | 1.15  | 1.097 | 1.21  |
| IHD | 90 | 42.70 | 1.15  | 1.097 | 1.21  |
| IHD | 90 | 42.80 | 1.151 | 1.097 | 1.21  |
| IHD | 90 | 42.90 | 1.151 | 1.097 | 1.21  |
| IHD | 90 | 43.00 | 1.151 | 1.098 | 1.21  |
| IHD | 90 | 43.10 | 1.151 | 1.098 | 1.211 |
| IHD | 90 | 43.20 | 1.151 | 1.098 | 1.211 |
| IHD | 90 | 43.30 | 1.152 | 1.098 | 1.211 |
| IHD | 90 | 43.40 | 1.152 | 1.098 | 1.211 |
| IHD | 90 | 43.50 | 1.152 | 1.099 | 1.212 |
| IHD | 90 | 43.60 | 1.152 | 1.099 | 1.212 |
| IHD | 90 | 43.70 | 1.153 | 1.099 | 1.212 |
| IHD | 90 | 43.80 | 1.153 | 1.099 | 1.212 |
| IHD | 90 | 43.90 | 1.153 | 1.099 | 1.212 |
| IHD | 90 | 44.00 | 1.153 | 1.1   | 1.213 |
| IHD | 90 | 44.10 | 1.153 | 1.1   | 1.213 |
| IHD | 90 | 44.20 | 1.154 | 1.1   | 1.213 |
| IHD | 90 | 44.30 | 1.154 | 1.1   | 1.213 |
| IHD | 90 | 44.40 | 1.154 | 1.101 | 1.214 |
| IHD | 90 | 44.50 | 1.154 | 1.101 | 1.214 |
| IHD | 90 | 44.60 | 1.154 | 1.101 | 1.214 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 44.70 | 1.155 | 1.101 | 1.214 |
| IHD | 90 | 44.80 | 1.155 | 1.102 | 1.215 |
| IHD | 90 | 44.90 | 1.155 | 1.102 | 1.215 |
| IHD | 90 | 45.00 | 1.155 | 1.102 | 1.215 |
| IHD | 90 | 45.10 | 1.155 | 1.102 | 1.216 |
| IHD | 90 | 45.20 | 1.156 | 1.102 | 1.216 |
| IHD | 90 | 45.30 | 1.156 | 1.103 | 1.216 |
| IHD | 90 | 45.40 | 1.156 | 1.103 | 1.216 |
| IHD | 90 | 45.50 | 1.156 | 1.103 | 1.217 |
| IHD | 90 | 45.60 | 1.156 | 1.103 | 1.217 |
| IHD | 90 | 45.70 | 1.157 | 1.103 | 1.217 |
| IHD | 90 | 45.80 | 1.157 | 1.104 | 1.217 |
| IHD | 90 | 45.90 | 1.157 | 1.104 | 1.218 |
| IHD | 90 | 46.00 | 1.157 | 1.104 | 1.218 |
| IHD | 90 | 46.10 | 1.157 | 1.104 | 1.218 |
| IHD | 90 | 46.20 | 1.158 | 1.104 | 1.218 |
| IHD | 90 | 46.30 | 1.158 | 1.104 | 1.218 |
| IHD | 90 | 46.40 | 1.158 | 1.105 | 1.219 |
| IHD | 90 | 46.50 | 1.158 | 1.105 | 1.219 |
| IHD | 90 | 46.60 | 1.158 | 1.105 | 1.219 |
| IHD | 90 | 46.70 | 1.159 | 1.105 | 1.219 |
| IHD | 90 | 46.80 | 1.159 | 1.106 | 1.22  |
| IHD | 90 | 46.90 | 1.159 | 1.106 | 1.22  |
| IHD | 90 | 47.00 | 1.159 | 1.106 | 1.22  |
| IHD | 90 | 47.10 | 1.159 | 1.106 | 1.22  |
| IHD | 90 | 47.20 | 1.16  | 1.106 | 1.22  |
| IHD | 90 | 47.30 | 1.16  | 1.107 | 1.221 |
| IHD | 90 | 47.40 | 1.16  | 1.107 | 1.221 |
| IHD | 90 | 47.50 | 1.16  | 1.107 | 1.221 |
| IHD | 90 | 47.60 | 1.16  | 1.107 | 1.221 |
| IHD | 90 | 47.70 | 1.161 | 1.107 | 1.221 |
| IHD | 90 | 47.80 | 1.161 | 1.108 | 1.222 |
| IHD | 90 | 47.90 | 1.161 | 1.108 | 1.222 |
| IHD | 90 | 48.00 | 1.161 | 1.108 | 1.222 |
| IHD | 90 | 48.10 | 1.161 | 1.108 | 1.222 |
| IHD | 90 | 48.20 | 1.162 | 1.108 | 1.222 |
| IHD | 90 | 48.30 | 1.162 | 1.109 | 1.222 |
| IHD | 90 | 48.40 | 1.162 | 1.109 | 1.223 |
| IHD | 90 | 48.50 | 1.162 | 1.109 | 1.223 |
| IHD | 90 | 48.60 | 1.162 | 1.109 | 1.223 |
| IHD | 90 | 48.70 | 1.162 | 1.109 | 1.223 |
| IHD | 90 | 48.80 | 1.163 | 1.109 | 1.223 |
| IHD | 90 | 48.90 | 1.163 | 1.11  | 1.223 |
| IHD | 90 | 49.00 | 1.163 | 1.11  | 1.224 |
| IHD | 90 | 49.10 | 1.163 | 1.11  | 1.224 |
| IHD | 90 | 49.20 | 1.163 | 1.11  | 1.224 |
| IHD | 90 | 49.30 | 1.164 | 1.11  | 1.224 |
| IHD | 90 | 49.40 | 1.164 | 1.111 | 1.224 |
| IHD | 90 | 49.50 | 1.164 | 1.111 | 1.224 |
| IHD | 90 | 49.60 | 1.164 | 1.111 | 1.225 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 90 | 49.70 | 1.164 | 1.111 | 1.225 |
| IHD | 90 | 49.80 | 1.165 | 1.111 | 1.225 |
| IHD | 90 | 49.90 | 1.165 | 1.111 | 1.225 |
| IHD | 95 | 0.00  | 1     | 1     | 1     |
| IHD | 95 | 0.10  | 1     | 1     | 1     |
| IHD | 95 | 0.20  | 1     | 1     | 1     |
| IHD | 95 | 0.30  | 1     | 1     | 1     |
| IHD | 95 | 0.40  | 1     | 1     | 1     |
| IHD | 95 | 0.50  | 1     | 1     | 1     |
| IHD | 95 | 0.60  | 1     | 1     | 1     |
| IHD | 95 | 0.70  | 1     | 1     | 1     |
| IHD | 95 | 0.80  | 1     | 1     | 1     |
| IHD | 95 | 0.90  | 1     | 1     | 1     |
| IHD | 95 | 1.00  | 1     | 1     | 1     |
| IHD | 95 | 1.10  | 1     | 1     | 1     |
| IHD | 95 | 1.20  | 1     | 1     | 1     |
| IHD | 95 | 1.30  | 1     | 1     | 1     |
| IHD | 95 | 1.40  | 1     | 1     | 1.001 |
| IHD | 95 | 1.50  | 1     | 1     | 1.001 |
| IHD | 95 | 1.60  | 1     | 1     | 1.002 |
| IHD | 95 | 1.70  | 1     | 1     | 1.003 |
| IHD | 95 | 1.80  | 1     | 1     | 1.004 |
| IHD | 95 | 1.90  | 1     | 1     | 1.004 |
| IHD | 95 | 2.00  | 1.001 | 1     | 1.005 |
| IHD | 95 | 2.10  | 1.001 | 1     | 1.006 |
| IHD | 95 | 2.20  | 1.001 | 1     | 1.007 |
| IHD | 95 | 2.30  | 1.001 | 1     | 1.007 |
| IHD | 95 | 2.40  | 1.001 | 1     | 1.008 |
| IHD | 95 | 2.50  | 1.001 | 1     | 1.009 |
| IHD | 95 | 2.60  | 1.002 | 1     | 1.009 |
| IHD | 95 | 2.70  | 1.002 | 1     | 1.01  |
| IHD | 95 | 2.80  | 1.002 | 1     | 1.011 |
| IHD | 95 | 2.90  | 1.003 | 1     | 1.012 |
| IHD | 95 | 3.00  | 1.003 | 1     | 1.013 |
| IHD | 95 | 3.10  | 1.003 | 1     | 1.013 |
| IHD | 95 | 3.20  | 1.004 | 1     | 1.014 |
| IHD | 95 | 3.30  | 1.004 | 1     | 1.015 |
| IHD | 95 | 3.40  | 1.004 | 1     | 1.015 |
| IHD | 95 | 3.50  | 1.005 | 1     | 1.016 |
| IHD | 95 | 3.60  | 1.005 | 1     | 1.017 |
| IHD | 95 | 3.70  | 1.005 | 1     | 1.017 |
| IHD | 95 | 3.80  | 1.006 | 1     | 1.018 |
| IHD | 95 | 3.90  | 1.006 | 1     | 1.019 |
| IHD | 95 | 4.00  | 1.007 | 1     | 1.019 |
| IHD | 95 | 4.10  | 1.007 | 1     | 1.02  |
| IHD | 95 | 4.20  | 1.007 | 1     | 1.021 |
| IHD | 95 | 4.30  | 1.008 | 1     | 1.021 |
| IHD | 95 | 4.40  | 1.008 | 1     | 1.022 |
| IHD | 95 | 4.50  | 1.009 | 1     | 1.023 |
| IHD | 95 | 4.60  | 1.009 | 1     | 1.023 |

|     |    |      |       |       |       |
|-----|----|------|-------|-------|-------|
| IHD | 95 | 4.70 | 1.01  | 1     | 1.024 |
| IHD | 95 | 4.80 | 1.01  | 1     | 1.025 |
| IHD | 95 | 4.90 | 1.011 | 1     | 1.025 |
| IHD | 95 | 5.00 | 1.011 | 1     | 1.026 |
| IHD | 95 | 5.10 | 1.011 | 1     | 1.027 |
| IHD | 95 | 5.20 | 1.012 | 1     | 1.028 |
| IHD | 95 | 5.30 | 1.012 | 1     | 1.028 |
| IHD | 95 | 5.40 | 1.013 | 1     | 1.029 |
| IHD | 95 | 5.50 | 1.013 | 1     | 1.03  |
| IHD | 95 | 5.60 | 1.014 | 1     | 1.031 |
| IHD | 95 | 5.70 | 1.014 | 1     | 1.031 |
| IHD | 95 | 5.80 | 1.015 | 1.001 | 1.032 |
| IHD | 95 | 5.90 | 1.015 | 1.001 | 1.032 |
| IHD | 95 | 6.00 | 1.015 | 1.001 | 1.033 |
| IHD | 95 | 6.10 | 1.016 | 1.002 | 1.034 |
| IHD | 95 | 6.20 | 1.016 | 1.002 | 1.035 |
| IHD | 95 | 6.30 | 1.017 | 1.002 | 1.035 |
| IHD | 95 | 6.40 | 1.017 | 1.003 | 1.036 |
| IHD | 95 | 6.50 | 1.018 | 1.003 | 1.037 |
| IHD | 95 | 6.60 | 1.018 | 1.003 | 1.037 |
| IHD | 95 | 6.70 | 1.019 | 1.003 | 1.038 |
| IHD | 95 | 6.80 | 1.019 | 1.004 | 1.039 |
| IHD | 95 | 6.90 | 1.019 | 1.004 | 1.04  |
| IHD | 95 | 7.00 | 1.02  | 1.004 | 1.04  |
| IHD | 95 | 7.10 | 1.02  | 1.005 | 1.041 |
| IHD | 95 | 7.20 | 1.021 | 1.005 | 1.042 |
| IHD | 95 | 7.30 | 1.021 | 1.005 | 1.042 |
| IHD | 95 | 7.40 | 1.022 | 1.006 | 1.043 |
| IHD | 95 | 7.50 | 1.022 | 1.006 | 1.043 |
| IHD | 95 | 7.60 | 1.023 | 1.006 | 1.044 |
| IHD | 95 | 7.70 | 1.023 | 1.006 | 1.044 |
| IHD | 95 | 7.80 | 1.023 | 1.007 | 1.045 |
| IHD | 95 | 7.90 | 1.024 | 1.007 | 1.046 |
| IHD | 95 | 8.00 | 1.024 | 1.007 | 1.046 |
| IHD | 95 | 8.10 | 1.025 | 1.008 | 1.047 |
| IHD | 95 | 8.20 | 1.025 | 1.008 | 1.048 |
| IHD | 95 | 8.30 | 1.026 | 1.008 | 1.048 |
| IHD | 95 | 8.40 | 1.026 | 1.009 | 1.049 |
| IHD | 95 | 8.50 | 1.026 | 1.009 | 1.05  |
| IHD | 95 | 8.60 | 1.027 | 1.009 | 1.05  |
| IHD | 95 | 8.70 | 1.027 | 1.009 | 1.051 |
| IHD | 95 | 8.80 | 1.028 | 1.01  | 1.051 |
| IHD | 95 | 8.90 | 1.028 | 1.01  | 1.052 |
| IHD | 95 | 9.00 | 1.028 | 1.01  | 1.053 |
| IHD | 95 | 9.10 | 1.029 | 1.01  | 1.053 |
| IHD | 95 | 9.20 | 1.029 | 1.011 | 1.054 |
| IHD | 95 | 9.30 | 1.03  | 1.011 | 1.054 |
| IHD | 95 | 9.40 | 1.03  | 1.011 | 1.055 |
| IHD | 95 | 9.50 | 1.031 | 1.011 | 1.056 |
| IHD | 95 | 9.60 | 1.031 | 1.012 | 1.056 |



|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 9.70  | 1.031 | 1.012 | 1.057 |
| IHD | 95 | 9.80  | 1.032 | 1.012 | 1.057 |
| IHD | 95 | 9.90  | 1.032 | 1.012 | 1.058 |
| IHD | 95 | 10.00 | 1.033 | 1.013 | 1.059 |
| IHD | 95 | 10.10 | 1.033 | 1.013 | 1.059 |
| IHD | 95 | 10.20 | 1.033 | 1.013 | 1.06  |
| IHD | 95 | 10.30 | 1.034 | 1.013 | 1.061 |
| IHD | 95 | 10.40 | 1.034 | 1.014 | 1.061 |
| IHD | 95 | 10.50 | 1.035 | 1.014 | 1.062 |
| IHD | 95 | 10.60 | 1.035 | 1.014 | 1.063 |
| IHD | 95 | 10.70 | 1.035 | 1.014 | 1.063 |
| IHD | 95 | 10.80 | 1.036 | 1.015 | 1.064 |
| IHD | 95 | 10.90 | 1.036 | 1.015 | 1.064 |
| IHD | 95 | 11.00 | 1.037 | 1.015 | 1.065 |
| IHD | 95 | 11.10 | 1.037 | 1.015 | 1.066 |
| IHD | 95 | 11.20 | 1.037 | 1.016 | 1.066 |
| IHD | 95 | 11.30 | 1.038 | 1.016 | 1.067 |
| IHD | 95 | 11.40 | 1.038 | 1.016 | 1.067 |
| IHD | 95 | 11.50 | 1.038 | 1.016 | 1.068 |
| IHD | 95 | 11.60 | 1.039 | 1.017 | 1.069 |
| IHD | 95 | 11.70 | 1.039 | 1.017 | 1.069 |
| IHD | 95 | 11.80 | 1.04  | 1.017 | 1.07  |
| IHD | 95 | 11.90 | 1.04  | 1.018 | 1.07  |
| IHD | 95 | 12.00 | 1.04  | 1.018 | 1.071 |
| IHD | 95 | 12.10 | 1.041 | 1.018 | 1.072 |
| IHD | 95 | 12.20 | 1.041 | 1.018 | 1.072 |
| IHD | 95 | 12.30 | 1.042 | 1.019 | 1.073 |
| IHD | 95 | 12.40 | 1.042 | 1.019 | 1.073 |
| IHD | 95 | 12.50 | 1.042 | 1.019 | 1.074 |
| IHD | 95 | 12.60 | 1.043 | 1.019 | 1.074 |
| IHD | 95 | 12.70 | 1.043 | 1.02  | 1.075 |
| IHD | 95 | 12.80 | 1.043 | 1.02  | 1.075 |
| IHD | 95 | 12.90 | 1.044 | 1.02  | 1.076 |
| IHD | 95 | 13.00 | 1.044 | 1.021 | 1.076 |
| IHD | 95 | 13.10 | 1.045 | 1.021 | 1.076 |
| IHD | 95 | 13.20 | 1.045 | 1.021 | 1.077 |
| IHD | 95 | 13.30 | 1.045 | 1.021 | 1.077 |
| IHD | 95 | 13.40 | 1.046 | 1.021 | 1.078 |
| IHD | 95 | 13.50 | 1.046 | 1.022 | 1.078 |
| IHD | 95 | 13.60 | 1.046 | 1.022 | 1.079 |
| IHD | 95 | 13.70 | 1.047 | 1.022 | 1.079 |
| IHD | 95 | 13.80 | 1.047 | 1.022 | 1.08  |
| IHD | 95 | 13.90 | 1.048 | 1.023 | 1.08  |
| IHD | 95 | 14.00 | 1.048 | 1.023 | 1.081 |
| IHD | 95 | 14.10 | 1.048 | 1.023 | 1.081 |
| IHD | 95 | 14.20 | 1.049 | 1.023 | 1.081 |
| IHD | 95 | 14.30 | 1.049 | 1.024 | 1.082 |
| IHD | 95 | 14.40 | 1.049 | 1.024 | 1.082 |
| IHD | 95 | 14.50 | 1.05  | 1.024 | 1.083 |
| IHD | 95 | 14.60 | 1.05  | 1.024 | 1.083 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 14.70 | 1.05  | 1.025 | 1.083 |
| IHD | 95 | 14.80 | 1.051 | 1.025 | 1.084 |
| IHD | 95 | 14.90 | 1.051 | 1.025 | 1.084 |
| IHD | 95 | 15.00 | 1.051 | 1.025 | 1.085 |
| IHD | 95 | 15.10 | 1.052 | 1.026 | 1.085 |
| IHD | 95 | 15.20 | 1.052 | 1.026 | 1.086 |
| IHD | 95 | 15.30 | 1.053 | 1.026 | 1.086 |
| IHD | 95 | 15.40 | 1.053 | 1.026 | 1.087 |
| IHD | 95 | 15.50 | 1.053 | 1.027 | 1.087 |
| IHD | 95 | 15.60 | 1.054 | 1.027 | 1.088 |
| IHD | 95 | 15.70 | 1.054 | 1.027 | 1.088 |
| IHD | 95 | 15.80 | 1.054 | 1.027 | 1.089 |
| IHD | 95 | 15.90 | 1.055 | 1.028 | 1.089 |
| IHD | 95 | 16.00 | 1.055 | 1.028 | 1.09  |
| IHD | 95 | 16.10 | 1.055 | 1.028 | 1.09  |
| IHD | 95 | 16.20 | 1.056 | 1.028 | 1.09  |
| IHD | 95 | 16.30 | 1.056 | 1.029 | 1.091 |
| IHD | 95 | 16.40 | 1.056 | 1.029 | 1.091 |
| IHD | 95 | 16.50 | 1.057 | 1.029 | 1.092 |
| IHD | 95 | 16.60 | 1.057 | 1.029 | 1.092 |
| IHD | 95 | 16.70 | 1.057 | 1.03  | 1.093 |
| IHD | 95 | 16.80 | 1.058 | 1.03  | 1.093 |
| IHD | 95 | 16.90 | 1.058 | 1.03  | 1.094 |
| IHD | 95 | 17.00 | 1.058 | 1.03  | 1.094 |
| IHD | 95 | 17.10 | 1.059 | 1.031 | 1.095 |
| IHD | 95 | 17.20 | 1.059 | 1.031 | 1.095 |
| IHD | 95 | 17.30 | 1.059 | 1.031 | 1.095 |
| IHD | 95 | 17.40 | 1.06  | 1.031 | 1.096 |
| IHD | 95 | 17.50 | 1.06  | 1.032 | 1.096 |
| IHD | 95 | 17.60 | 1.06  | 1.032 | 1.096 |
| IHD | 95 | 17.70 | 1.061 | 1.032 | 1.097 |
| IHD | 95 | 17.80 | 1.061 | 1.032 | 1.097 |
| IHD | 95 | 17.90 | 1.061 | 1.033 | 1.098 |
| IHD | 95 | 18.00 | 1.062 | 1.033 | 1.098 |
| IHD | 95 | 18.10 | 1.062 | 1.033 | 1.098 |
| IHD | 95 | 18.20 | 1.062 | 1.033 | 1.099 |
| IHD | 95 | 18.30 | 1.063 | 1.034 | 1.099 |
| IHD | 95 | 18.40 | 1.063 | 1.034 | 1.099 |
| IHD | 95 | 18.50 | 1.063 | 1.034 | 1.1   |
| IHD | 95 | 18.60 | 1.064 | 1.034 | 1.1   |
| IHD | 95 | 18.70 | 1.064 | 1.035 | 1.1   |
| IHD | 95 | 18.80 | 1.064 | 1.035 | 1.101 |
| IHD | 95 | 18.90 | 1.064 | 1.035 | 1.101 |
| IHD | 95 | 19.00 | 1.065 | 1.035 | 1.101 |
| IHD | 95 | 19.10 | 1.065 | 1.036 | 1.102 |
| IHD | 95 | 19.20 | 1.065 | 1.036 | 1.102 |
| IHD | 95 | 19.30 | 1.066 | 1.036 | 1.103 |
| IHD | 95 | 19.40 | 1.066 | 1.036 | 1.103 |
| IHD | 95 | 19.50 | 1.066 | 1.037 | 1.103 |
| IHD | 95 | 19.60 | 1.067 | 1.037 | 1.104 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 19.70 | 1.067 | 1.037 | 1.104 |
| IHD | 95 | 19.80 | 1.067 | 1.037 | 1.104 |
| IHD | 95 | 19.90 | 1.068 | 1.037 | 1.105 |
| IHD | 95 | 20.00 | 1.068 | 1.038 | 1.105 |
| IHD | 95 | 20.10 | 1.068 | 1.038 | 1.105 |
| IHD | 95 | 20.20 | 1.069 | 1.038 | 1.106 |
| IHD | 95 | 20.30 | 1.069 | 1.038 | 1.106 |
| IHD | 95 | 20.40 | 1.069 | 1.039 | 1.107 |
| IHD | 95 | 20.50 | 1.069 | 1.039 | 1.107 |
| IHD | 95 | 20.60 | 1.07  | 1.039 | 1.107 |
| IHD | 95 | 20.70 | 1.07  | 1.039 | 1.108 |
| IHD | 95 | 20.80 | 1.07  | 1.04  | 1.108 |
| IHD | 95 | 20.90 | 1.071 | 1.04  | 1.109 |
| IHD | 95 | 21.00 | 1.071 | 1.04  | 1.109 |
| IHD | 95 | 21.10 | 1.071 | 1.04  | 1.109 |
| IHD | 95 | 21.20 | 1.072 | 1.041 | 1.11  |
| IHD | 95 | 21.30 | 1.072 | 1.041 | 1.11  |
| IHD | 95 | 21.40 | 1.072 | 1.041 | 1.11  |
| IHD | 95 | 21.50 | 1.072 | 1.041 | 1.111 |
| IHD | 95 | 21.60 | 1.073 | 1.041 | 1.111 |
| IHD | 95 | 21.70 | 1.073 | 1.042 | 1.111 |
| IHD | 95 | 21.80 | 1.073 | 1.042 | 1.112 |
| IHD | 95 | 21.90 | 1.074 | 1.042 | 1.112 |
| IHD | 95 | 22.00 | 1.074 | 1.042 | 1.113 |
| IHD | 95 | 22.10 | 1.074 | 1.042 | 1.113 |
| IHD | 95 | 22.20 | 1.074 | 1.043 | 1.113 |
| IHD | 95 | 22.30 | 1.075 | 1.043 | 1.114 |
| IHD | 95 | 22.40 | 1.075 | 1.043 | 1.114 |
| IHD | 95 | 22.50 | 1.075 | 1.043 | 1.114 |
| IHD | 95 | 22.60 | 1.076 | 1.043 | 1.115 |
| IHD | 95 | 22.70 | 1.076 | 1.043 | 1.115 |
| IHD | 95 | 22.80 | 1.076 | 1.044 | 1.115 |
| IHD | 95 | 22.90 | 1.076 | 1.044 | 1.116 |
| IHD | 95 | 23.00 | 1.077 | 1.044 | 1.116 |
| IHD | 95 | 23.10 | 1.077 | 1.044 | 1.116 |
| IHD | 95 | 23.20 | 1.077 | 1.044 | 1.116 |
| IHD | 95 | 23.30 | 1.078 | 1.045 | 1.117 |
| IHD | 95 | 23.40 | 1.078 | 1.045 | 1.117 |
| IHD | 95 | 23.50 | 1.078 | 1.045 | 1.117 |
| IHD | 95 | 23.60 | 1.078 | 1.045 | 1.118 |
| IHD | 95 | 23.70 | 1.079 | 1.045 | 1.118 |
| IHD | 95 | 23.80 | 1.079 | 1.046 | 1.118 |
| IHD | 95 | 23.90 | 1.079 | 1.046 | 1.119 |
| IHD | 95 | 24.00 | 1.079 | 1.046 | 1.119 |
| IHD | 95 | 24.10 | 1.08  | 1.046 | 1.119 |
| IHD | 95 | 24.20 | 1.08  | 1.047 | 1.12  |
| IHD | 95 | 24.30 | 1.08  | 1.047 | 1.12  |
| IHD | 95 | 24.40 | 1.081 | 1.047 | 1.12  |
| IHD | 95 | 24.50 | 1.081 | 1.047 | 1.121 |
| IHD | 95 | 24.60 | 1.081 | 1.048 | 1.121 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 24.70 | 1.081 | 1.048 | 1.121 |
| IHD | 95 | 24.80 | 1.082 | 1.048 | 1.122 |
| IHD | 95 | 24.90 | 1.082 | 1.048 | 1.122 |
| IHD | 95 | 25.00 | 1.082 | 1.048 | 1.122 |
| IHD | 95 | 25.10 | 1.082 | 1.049 | 1.123 |
| IHD | 95 | 25.20 | 1.083 | 1.049 | 1.123 |
| IHD | 95 | 25.30 | 1.083 | 1.049 | 1.123 |
| IHD | 95 | 25.40 | 1.083 | 1.049 | 1.123 |
| IHD | 95 | 25.50 | 1.083 | 1.05  | 1.124 |
| IHD | 95 | 25.60 | 1.084 | 1.05  | 1.124 |
| IHD | 95 | 25.70 | 1.084 | 1.05  | 1.124 |
| IHD | 95 | 25.80 | 1.084 | 1.05  | 1.124 |
| IHD | 95 | 25.90 | 1.085 | 1.051 | 1.125 |
| IHD | 95 | 26.00 | 1.085 | 1.051 | 1.125 |
| IHD | 95 | 26.10 | 1.085 | 1.051 | 1.125 |
| IHD | 95 | 26.20 | 1.085 | 1.051 | 1.126 |
| IHD | 95 | 26.30 | 1.086 | 1.051 | 1.126 |
| IHD | 95 | 26.40 | 1.086 | 1.052 | 1.126 |
| IHD | 95 | 26.50 | 1.086 | 1.052 | 1.127 |
| IHD | 95 | 26.60 | 1.086 | 1.052 | 1.127 |
| IHD | 95 | 26.70 | 1.087 | 1.052 | 1.127 |
| IHD | 95 | 26.80 | 1.087 | 1.052 | 1.127 |
| IHD | 95 | 26.90 | 1.087 | 1.053 | 1.128 |
| IHD | 95 | 27.00 | 1.087 | 1.053 | 1.128 |
| IHD | 95 | 27.10 | 1.088 | 1.053 | 1.128 |
| IHD | 95 | 27.20 | 1.088 | 1.053 | 1.129 |
| IHD | 95 | 27.30 | 1.088 | 1.053 | 1.129 |
| IHD | 95 | 27.40 | 1.088 | 1.054 | 1.129 |
| IHD | 95 | 27.50 | 1.089 | 1.054 | 1.13  |
| IHD | 95 | 27.60 | 1.089 | 1.054 | 1.13  |
| IHD | 95 | 27.70 | 1.089 | 1.054 | 1.13  |
| IHD | 95 | 27.80 | 1.089 | 1.054 | 1.131 |
| IHD | 95 | 27.90 | 1.09  | 1.054 | 1.131 |
| IHD | 95 | 28.00 | 1.09  | 1.055 | 1.131 |
| IHD | 95 | 28.10 | 1.09  | 1.055 | 1.131 |
| IHD | 95 | 28.20 | 1.09  | 1.055 | 1.132 |
| IHD | 95 | 28.30 | 1.09  | 1.055 | 1.132 |
| IHD | 95 | 28.40 | 1.091 | 1.055 | 1.132 |
| IHD | 95 | 28.50 | 1.091 | 1.056 | 1.132 |
| IHD | 95 | 28.60 | 1.091 | 1.056 | 1.133 |
| IHD | 95 | 28.70 | 1.091 | 1.056 | 1.133 |
| IHD | 95 | 28.80 | 1.092 | 1.056 | 1.133 |
| IHD | 95 | 28.90 | 1.092 | 1.056 | 1.133 |
| IHD | 95 | 29.00 | 1.092 | 1.057 | 1.134 |
| IHD | 95 | 29.10 | 1.092 | 1.057 | 1.134 |
| IHD | 95 | 29.20 | 1.093 | 1.057 | 1.134 |
| IHD | 95 | 29.30 | 1.093 | 1.057 | 1.134 |
| IHD | 95 | 29.40 | 1.093 | 1.057 | 1.135 |
| IHD | 95 | 29.50 | 1.093 | 1.058 | 1.135 |
| IHD | 95 | 29.60 | 1.094 | 1.058 | 1.135 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 29.70 | 1.094 | 1.058 | 1.135 |
| IHD | 95 | 29.80 | 1.094 | 1.058 | 1.136 |
| IHD | 95 | 29.90 | 1.094 | 1.058 | 1.136 |
| IHD | 95 | 30.00 | 1.094 | 1.059 | 1.136 |
| IHD | 95 | 30.10 | 1.095 | 1.059 | 1.136 |
| IHD | 95 | 30.20 | 1.095 | 1.059 | 1.136 |
| IHD | 95 | 30.30 | 1.095 | 1.059 | 1.137 |
| IHD | 95 | 30.40 | 1.095 | 1.059 | 1.137 |
| IHD | 95 | 30.50 | 1.096 | 1.06  | 1.137 |
| IHD | 95 | 30.60 | 1.096 | 1.06  | 1.137 |
| IHD | 95 | 30.70 | 1.096 | 1.06  | 1.138 |
| IHD | 95 | 30.80 | 1.096 | 1.06  | 1.138 |
| IHD | 95 | 30.90 | 1.097 | 1.061 | 1.138 |
| IHD | 95 | 31.00 | 1.097 | 1.061 | 1.138 |
| IHD | 95 | 31.10 | 1.097 | 1.061 | 1.139 |
| IHD | 95 | 31.20 | 1.097 | 1.061 | 1.139 |
| IHD | 95 | 31.30 | 1.097 | 1.061 | 1.139 |
| IHD | 95 | 31.40 | 1.098 | 1.062 | 1.139 |
| IHD | 95 | 31.50 | 1.098 | 1.062 | 1.14  |
| IHD | 95 | 31.60 | 1.098 | 1.062 | 1.14  |
| IHD | 95 | 31.70 | 1.098 | 1.062 | 1.14  |
| IHD | 95 | 31.80 | 1.098 | 1.062 | 1.14  |
| IHD | 95 | 31.90 | 1.099 | 1.063 | 1.141 |
| IHD | 95 | 32.00 | 1.099 | 1.063 | 1.141 |
| IHD | 95 | 32.10 | 1.099 | 1.063 | 1.141 |
| IHD | 95 | 32.20 | 1.099 | 1.063 | 1.141 |
| IHD | 95 | 32.30 | 1.1   | 1.063 | 1.142 |
| IHD | 95 | 32.40 | 1.1   | 1.064 | 1.142 |
| IHD | 95 | 32.50 | 1.1   | 1.064 | 1.142 |
| IHD | 95 | 32.60 | 1.1   | 1.064 | 1.142 |
| IHD | 95 | 32.70 | 1.1   | 1.064 | 1.143 |
| IHD | 95 | 32.80 | 1.101 | 1.064 | 1.143 |
| IHD | 95 | 32.90 | 1.101 | 1.064 | 1.143 |
| IHD | 95 | 33.00 | 1.101 | 1.065 | 1.143 |
| IHD | 95 | 33.10 | 1.101 | 1.065 | 1.144 |
| IHD | 95 | 33.20 | 1.101 | 1.065 | 1.144 |
| IHD | 95 | 33.30 | 1.102 | 1.065 | 1.144 |
| IHD | 95 | 33.40 | 1.102 | 1.065 | 1.144 |
| IHD | 95 | 33.50 | 1.102 | 1.066 | 1.145 |
| IHD | 95 | 33.60 | 1.102 | 1.066 | 1.145 |
| IHD | 95 | 33.70 | 1.102 | 1.066 | 1.145 |
| IHD | 95 | 33.80 | 1.103 | 1.066 | 1.146 |
| IHD | 95 | 33.90 | 1.103 | 1.066 | 1.146 |
| IHD | 95 | 34.00 | 1.103 | 1.067 | 1.146 |
| IHD | 95 | 34.10 | 1.103 | 1.067 | 1.146 |
| IHD | 95 | 34.20 | 1.104 | 1.067 | 1.147 |
| IHD | 95 | 34.30 | 1.104 | 1.067 | 1.147 |
| IHD | 95 | 34.40 | 1.104 | 1.067 | 1.147 |
| IHD | 95 | 34.50 | 1.104 | 1.068 | 1.147 |
| IHD | 95 | 34.60 | 1.104 | 1.068 | 1.147 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 34.70 | 1.105 | 1.068 | 1.148 |
| IHD | 95 | 34.80 | 1.105 | 1.068 | 1.148 |
| IHD | 95 | 34.90 | 1.105 | 1.068 | 1.148 |
| IHD | 95 | 35.00 | 1.105 | 1.068 | 1.148 |
| IHD | 95 | 35.10 | 1.105 | 1.069 | 1.148 |
| IHD | 95 | 35.20 | 1.105 | 1.069 | 1.149 |
| IHD | 95 | 35.30 | 1.106 | 1.069 | 1.149 |
| IHD | 95 | 35.40 | 1.106 | 1.069 | 1.149 |
| IHD | 95 | 35.50 | 1.106 | 1.069 | 1.149 |
| IHD | 95 | 35.60 | 1.106 | 1.069 | 1.149 |
| IHD | 95 | 35.70 | 1.106 | 1.07  | 1.149 |
| IHD | 95 | 35.80 | 1.107 | 1.07  | 1.15  |
| IHD | 95 | 35.90 | 1.107 | 1.07  | 1.15  |
| IHD | 95 | 36.00 | 1.107 | 1.07  | 1.15  |
| IHD | 95 | 36.10 | 1.107 | 1.07  | 1.15  |
| IHD | 95 | 36.20 | 1.107 | 1.07  | 1.15  |
| IHD | 95 | 36.30 | 1.108 | 1.071 | 1.151 |
| IHD | 95 | 36.40 | 1.108 | 1.071 | 1.151 |
| IHD | 95 | 36.50 | 1.108 | 1.071 | 1.151 |
| IHD | 95 | 36.60 | 1.108 | 1.071 | 1.151 |
| IHD | 95 | 36.70 | 1.108 | 1.071 | 1.151 |
| IHD | 95 | 36.80 | 1.109 | 1.071 | 1.152 |
| IHD | 95 | 36.90 | 1.109 | 1.071 | 1.152 |
| IHD | 95 | 37.00 | 1.109 | 1.072 | 1.152 |
| IHD | 95 | 37.10 | 1.109 | 1.072 | 1.152 |
| IHD | 95 | 37.20 | 1.109 | 1.072 | 1.152 |
| IHD | 95 | 37.30 | 1.109 | 1.072 | 1.152 |
| IHD | 95 | 37.40 | 1.11  | 1.072 | 1.153 |
| IHD | 95 | 37.50 | 1.11  | 1.073 | 1.153 |
| IHD | 95 | 37.60 | 1.11  | 1.073 | 1.153 |
| IHD | 95 | 37.70 | 1.11  | 1.073 | 1.153 |
| IHD | 95 | 37.80 | 1.11  | 1.073 | 1.153 |
| IHD | 95 | 37.90 | 1.111 | 1.073 | 1.153 |
| IHD | 95 | 38.00 | 1.111 | 1.073 | 1.154 |
| IHD | 95 | 38.10 | 1.111 | 1.074 | 1.154 |
| IHD | 95 | 38.20 | 1.111 | 1.074 | 1.154 |
| IHD | 95 | 38.30 | 1.111 | 1.074 | 1.154 |
| IHD | 95 | 38.40 | 1.111 | 1.074 | 1.154 |
| IHD | 95 | 38.50 | 1.112 | 1.074 | 1.154 |
| IHD | 95 | 38.60 | 1.112 | 1.074 | 1.155 |
| IHD | 95 | 38.70 | 1.112 | 1.075 | 1.155 |
| IHD | 95 | 38.80 | 1.112 | 1.075 | 1.155 |
| IHD | 95 | 38.90 | 1.112 | 1.075 | 1.155 |
| IHD | 95 | 39.00 | 1.113 | 1.075 | 1.155 |
| IHD | 95 | 39.10 | 1.113 | 1.075 | 1.155 |
| IHD | 95 | 39.20 | 1.113 | 1.075 | 1.155 |
| IHD | 95 | 39.30 | 1.113 | 1.076 | 1.156 |
| IHD | 95 | 39.40 | 1.113 | 1.076 | 1.156 |
| IHD | 95 | 39.50 | 1.113 | 1.076 | 1.156 |
| IHD | 95 | 39.60 | 1.114 | 1.076 | 1.156 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 39.70 | 1.114 | 1.076 | 1.156 |
| IHD | 95 | 39.80 | 1.114 | 1.076 | 1.156 |
| IHD | 95 | 39.90 | 1.114 | 1.076 | 1.157 |
| IHD | 95 | 40.00 | 1.114 | 1.077 | 1.157 |
| IHD | 95 | 40.10 | 1.114 | 1.077 | 1.157 |
| IHD | 95 | 40.20 | 1.115 | 1.077 | 1.157 |
| IHD | 95 | 40.30 | 1.115 | 1.077 | 1.157 |
| IHD | 95 | 40.40 | 1.115 | 1.077 | 1.157 |
| IHD | 95 | 40.50 | 1.115 | 1.077 | 1.157 |
| IHD | 95 | 40.60 | 1.115 | 1.078 | 1.158 |
| IHD | 95 | 40.70 | 1.115 | 1.078 | 1.158 |
| IHD | 95 | 40.80 | 1.116 | 1.078 | 1.158 |
| IHD | 95 | 40.90 | 1.116 | 1.078 | 1.158 |
| IHD | 95 | 41.00 | 1.116 | 1.078 | 1.158 |
| IHD | 95 | 41.10 | 1.116 | 1.078 | 1.158 |
| IHD | 95 | 41.20 | 1.116 | 1.079 | 1.158 |
| IHD | 95 | 41.30 | 1.116 | 1.079 | 1.159 |
| IHD | 95 | 41.40 | 1.117 | 1.079 | 1.159 |
| IHD | 95 | 41.50 | 1.117 | 1.079 | 1.159 |
| IHD | 95 | 41.60 | 1.117 | 1.079 | 1.159 |
| IHD | 95 | 41.70 | 1.117 | 1.079 | 1.159 |
| IHD | 95 | 41.80 | 1.117 | 1.079 | 1.159 |
| IHD | 95 | 41.90 | 1.117 | 1.079 | 1.16  |
| IHD | 95 | 42.00 | 1.118 | 1.08  | 1.16  |
| IHD | 95 | 42.10 | 1.118 | 1.08  | 1.16  |
| IHD | 95 | 42.20 | 1.118 | 1.08  | 1.16  |
| IHD | 95 | 42.30 | 1.118 | 1.08  | 1.16  |
| IHD | 95 | 42.40 | 1.118 | 1.08  | 1.16  |
| IHD | 95 | 42.50 | 1.118 | 1.08  | 1.161 |
| IHD | 95 | 42.60 | 1.119 | 1.08  | 1.161 |
| IHD | 95 | 42.70 | 1.119 | 1.081 | 1.161 |
| IHD | 95 | 42.80 | 1.119 | 1.081 | 1.161 |
| IHD | 95 | 42.90 | 1.119 | 1.081 | 1.161 |
| IHD | 95 | 43.00 | 1.119 | 1.081 | 1.162 |
| IHD | 95 | 43.10 | 1.119 | 1.081 | 1.162 |
| IHD | 95 | 43.20 | 1.12  | 1.081 | 1.162 |
| IHD | 95 | 43.30 | 1.12  | 1.081 | 1.162 |
| IHD | 95 | 43.40 | 1.12  | 1.082 | 1.162 |
| IHD | 95 | 43.50 | 1.12  | 1.082 | 1.162 |
| IHD | 95 | 43.60 | 1.12  | 1.082 | 1.162 |
| IHD | 95 | 43.70 | 1.12  | 1.082 | 1.163 |
| IHD | 95 | 43.80 | 1.12  | 1.082 | 1.163 |
| IHD | 95 | 43.90 | 1.121 | 1.082 | 1.163 |
| IHD | 95 | 44.00 | 1.121 | 1.082 | 1.163 |
| IHD | 95 | 44.10 | 1.121 | 1.083 | 1.163 |
| IHD | 95 | 44.20 | 1.121 | 1.083 | 1.163 |
| IHD | 95 | 44.30 | 1.121 | 1.083 | 1.163 |
| IHD | 95 | 44.40 | 1.121 | 1.083 | 1.163 |
| IHD | 95 | 44.50 | 1.122 | 1.083 | 1.164 |
| IHD | 95 | 44.60 | 1.122 | 1.083 | 1.164 |

|     |    |       |       |       |       |
|-----|----|-------|-------|-------|-------|
| IHD | 95 | 44.70 | 1.122 | 1.083 | 1.164 |
| IHD | 95 | 44.80 | 1.122 | 1.084 | 1.164 |
| IHD | 95 | 44.90 | 1.122 | 1.084 | 1.164 |
| IHD | 95 | 45.00 | 1.122 | 1.084 | 1.164 |
| IHD | 95 | 45.10 | 1.122 | 1.084 | 1.164 |
| IHD | 95 | 45.20 | 1.123 | 1.084 | 1.164 |
| IHD | 95 | 45.30 | 1.123 | 1.084 | 1.164 |
| IHD | 95 | 45.40 | 1.123 | 1.084 | 1.164 |
| IHD | 95 | 45.50 | 1.123 | 1.084 | 1.165 |
| IHD | 95 | 45.60 | 1.123 | 1.084 | 1.165 |
| IHD | 95 | 45.70 | 1.123 | 1.085 | 1.165 |
| IHD | 95 | 45.80 | 1.123 | 1.085 | 1.165 |
| IHD | 95 | 45.90 | 1.124 | 1.085 | 1.165 |
| IHD | 95 | 46.00 | 1.124 | 1.085 | 1.165 |
| IHD | 95 | 46.10 | 1.124 | 1.085 | 1.165 |
| IHD | 95 | 46.20 | 1.124 | 1.085 | 1.165 |
| IHD | 95 | 46.30 | 1.124 | 1.085 | 1.166 |
| IHD | 95 | 46.40 | 1.124 | 1.085 | 1.166 |
| IHD | 95 | 46.50 | 1.125 | 1.086 | 1.166 |
| IHD | 95 | 46.60 | 1.125 | 1.086 | 1.166 |
| IHD | 95 | 46.70 | 1.125 | 1.086 | 1.166 |
| IHD | 95 | 46.80 | 1.125 | 1.086 | 1.166 |
| IHD | 95 | 46.90 | 1.125 | 1.086 | 1.166 |
| IHD | 95 | 47.00 | 1.125 | 1.086 | 1.167 |
| IHD | 95 | 47.10 | 1.125 | 1.086 | 1.167 |
| IHD | 95 | 47.20 | 1.126 | 1.086 | 1.167 |
| IHD | 95 | 47.30 | 1.126 | 1.087 | 1.167 |
| IHD | 95 | 47.40 | 1.126 | 1.087 | 1.167 |
| IHD | 95 | 47.50 | 1.126 | 1.087 | 1.167 |
| IHD | 95 | 47.60 | 1.126 | 1.087 | 1.168 |
| IHD | 95 | 47.70 | 1.126 | 1.087 | 1.168 |
| IHD | 95 | 47.80 | 1.126 | 1.087 | 1.168 |
| IHD | 95 | 47.90 | 1.126 | 1.087 | 1.168 |
| IHD | 95 | 48.00 | 1.127 | 1.088 | 1.168 |
| IHD | 95 | 48.10 | 1.127 | 1.088 | 1.168 |
| IHD | 95 | 48.20 | 1.127 | 1.088 | 1.169 |
| IHD | 95 | 48.30 | 1.127 | 1.088 | 1.169 |
| IHD | 95 | 48.40 | 1.127 | 1.088 | 1.169 |
| IHD | 95 | 48.50 | 1.127 | 1.088 | 1.169 |
| IHD | 95 | 48.60 | 1.127 | 1.088 | 1.169 |
| IHD | 95 | 48.70 | 1.128 | 1.088 | 1.169 |
| IHD | 95 | 48.80 | 1.128 | 1.088 | 1.17  |
| IHD | 95 | 48.90 | 1.128 | 1.089 | 1.17  |
| IHD | 95 | 49.00 | 1.128 | 1.089 | 1.17  |
| IHD | 95 | 49.10 | 1.128 | 1.089 | 1.17  |
| IHD | 95 | 49.20 | 1.128 | 1.089 | 1.17  |
| IHD | 95 | 49.30 | 1.128 | 1.089 | 1.17  |
| IHD | 95 | 49.40 | 1.129 | 1.089 | 1.17  |
| IHD | 95 | 49.50 | 1.129 | 1.089 | 1.17  |
| IHD | 95 | 49.60 | 1.129 | 1.089 | 1.17  |



|     |    |       |       |      |       |
|-----|----|-------|-------|------|-------|
| IHD | 95 | 49.70 | 1.129 | 1.09 | 1.171 |
| IHD | 95 | 49.80 | 1.129 | 1.09 | 1.171 |
| IHD | 95 | 49.90 | 1.129 | 1.09 | 1.171 |

## Stroke

| CAUSE  | AGE | PM25 | RR_AVG | RR_LOW | RR_HIGH |
|--------|-----|------|--------|--------|---------|
| STROKE | 25  | 0.00 | 1      | 1      | 1       |
| STROKE | 25  | 0.10 | 1      | 1      | 1       |
| STROKE | 25  | 0.20 | 1      | 1      | 1       |
| STROKE | 25  | 0.30 | 1      | 1      | 1       |
| STROKE | 25  | 0.40 | 1      | 1      | 1       |
| STROKE | 25  | 0.50 | 1      | 1      | 1       |
| STROKE | 25  | 0.60 | 1      | 1      | 1       |
| STROKE | 25  | 0.70 | 1      | 1      | 1       |
| STROKE | 25  | 0.80 | 1      | 1      | 1       |
| STROKE | 25  | 0.90 | 1      | 1      | 1       |
| STROKE | 25  | 1.00 | 1      | 1      | 1       |
| STROKE | 25  | 1.10 | 1      | 1      | 1       |
| STROKE | 25  | 1.20 | 1      | 1      | 1       |
| STROKE | 25  | 1.30 | 1      | 1      | 1       |
| STROKE | 25  | 1.40 | 1      | 1      | 1       |
| STROKE | 25  | 1.50 | 1      | 1      | 1       |
| STROKE | 25  | 1.60 | 1      | 1      | 1       |
| STROKE | 25  | 1.70 | 1      | 1      | 1       |
| STROKE | 25  | 1.80 | 1.001  | 1      | 1       |
| STROKE | 25  | 1.90 | 1.001  | 1      | 1       |
| STROKE | 25  | 2.00 | 1.001  | 1      | 1       |
| STROKE | 25  | 2.10 | 1.001  | 1      | 1       |
| STROKE | 25  | 2.20 | 1.001  | 1      | 1       |
| STROKE | 25  | 2.30 | 1.001  | 1      | 1       |
| STROKE | 25  | 2.40 | 1.001  | 1      | 1.006   |
| STROKE | 25  | 2.50 | 1.002  | 1      | 1.012   |
| STROKE | 25  | 2.60 | 1.002  | 1      | 1.018   |
| STROKE | 25  | 2.70 | 1.002  | 1      | 1.024   |
| STROKE | 25  | 2.80 | 1.003  | 1      | 1.03    |
| STROKE | 25  | 2.90 | 1.003  | 1      | 1.036   |
| STROKE | 25  | 3.00 | 1.003  | 1      | 1.042   |
| STROKE | 25  | 3.10 | 1.004  | 1      | 1.048   |
| STROKE | 25  | 3.20 | 1.004  | 1      | 1.054   |
| STROKE | 25  | 3.30 | 1.005  | 1      | 1.059   |
| STROKE | 25  | 3.40 | 1.006  | 1      | 1.064   |
| STROKE | 25  | 3.50 | 1.006  | 1      | 1.07    |
| STROKE | 25  | 3.60 | 1.007  | 1      | 1.075   |
| STROKE | 25  | 3.70 | 1.008  | 1      | 1.08    |
| STROKE | 25  | 3.80 | 1.009  | 1      | 1.085   |
| STROKE | 25  | 3.90 | 1.009  | 1      | 1.091   |
| STROKE | 25  | 4.00 | 1.01   | 1      | 1.097   |
| STROKE | 25  | 4.10 | 1.011  | 1      | 1.104   |
| STROKE | 25  | 4.20 | 1.012  | 1      | 1.11    |
| STROKE | 25  | 4.30 | 1.013  | 1      | 1.117   |
| STROKE | 25  | 4.40 | 1.015  | 1      | 1.124   |
| STROKE | 25  | 4.50 | 1.016  | 1      | 1.129   |
| STROKE | 25  | 4.60 | 1.017  | 1      | 1.135   |

|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 25 | 4.70 | 1.018 | 1 | 1.14  |
| STROKE | 25 | 4.80 | 1.02  | 1 | 1.146 |
| STROKE | 25 | 4.90 | 1.021 | 1 | 1.151 |
| STROKE | 25 | 5.00 | 1.023 | 1 | 1.157 |
| STROKE | 25 | 5.10 | 1.024 | 1 | 1.162 |
| STROKE | 25 | 5.20 | 1.026 | 1 | 1.167 |
| STROKE | 25 | 5.30 | 1.028 | 1 | 1.172 |
| STROKE | 25 | 5.40 | 1.029 | 1 | 1.177 |
| STROKE | 25 | 5.50 | 1.031 | 1 | 1.181 |
| STROKE | 25 | 5.60 | 1.033 | 1 | 1.186 |
| STROKE | 25 | 5.70 | 1.035 | 1 | 1.191 |
| STROKE | 25 | 5.80 | 1.037 | 1 | 1.196 |
| STROKE | 25 | 5.90 | 1.039 | 1 | 1.2   |
| STROKE | 25 | 6.00 | 1.041 | 1 | 1.205 |
| STROKE | 25 | 6.10 | 1.043 | 1 | 1.21  |
| STROKE | 25 | 6.20 | 1.045 | 1 | 1.214 |
| STROKE | 25 | 6.30 | 1.047 | 1 | 1.219 |
| STROKE | 25 | 6.40 | 1.049 | 1 | 1.224 |
| STROKE | 25 | 6.50 | 1.052 | 1 | 1.228 |
| STROKE | 25 | 6.60 | 1.054 | 1 | 1.233 |
| STROKE | 25 | 6.70 | 1.056 | 1 | 1.237 |
| STROKE | 25 | 6.80 | 1.059 | 1 | 1.242 |
| STROKE | 25 | 6.90 | 1.061 | 1 | 1.247 |
| STROKE | 25 | 7.00 | 1.064 | 1 | 1.251 |
| STROKE | 25 | 7.10 | 1.066 | 1 | 1.256 |
| STROKE | 25 | 7.20 | 1.069 | 1 | 1.26  |
| STROKE | 25 | 7.30 | 1.071 | 1 | 1.265 |
| STROKE | 25 | 7.40 | 1.074 | 1 | 1.27  |
| STROKE | 25 | 7.50 | 1.076 | 1 | 1.275 |
| STROKE | 25 | 7.60 | 1.079 | 1 | 1.28  |
| STROKE | 25 | 7.70 | 1.082 | 1 | 1.285 |
| STROKE | 25 | 7.80 | 1.084 | 1 | 1.289 |
| STROKE | 25 | 7.90 | 1.087 | 1 | 1.294 |
| STROKE | 25 | 8.00 | 1.09  | 1 | 1.298 |
| STROKE | 25 | 8.10 | 1.092 | 1 | 1.302 |
| STROKE | 25 | 8.20 | 1.095 | 1 | 1.307 |
| STROKE | 25 | 8.30 | 1.098 | 1 | 1.312 |
| STROKE | 25 | 8.40 | 1.101 | 1 | 1.317 |
| STROKE | 25 | 8.50 | 1.104 | 1 | 1.322 |
| STROKE | 25 | 8.60 | 1.106 | 1 | 1.327 |
| STROKE | 25 | 8.70 | 1.109 | 1 | 1.332 |
| STROKE | 25 | 8.80 | 1.112 | 1 | 1.337 |
| STROKE | 25 | 8.90 | 1.115 | 1 | 1.341 |
| STROKE | 25 | 9.00 | 1.118 | 1 | 1.346 |
| STROKE | 25 | 9.10 | 1.121 | 1 | 1.351 |
| STROKE | 25 | 9.20 | 1.123 | 1 | 1.356 |
| STROKE | 25 | 9.30 | 1.126 | 1 | 1.36  |
| STROKE | 25 | 9.40 | 1.129 | 1 | 1.365 |
| STROKE | 25 | 9.50 | 1.132 | 1 | 1.37  |
| STROKE | 25 | 9.60 | 1.135 | 1 | 1.374 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 9.70  | 1.138 | 1     | 1.379 |
| STROKE | 25 | 9.80  | 1.141 | 1     | 1.383 |
| STROKE | 25 | 9.90  | 1.144 | 1     | 1.388 |
| STROKE | 25 | 10.00 | 1.146 | 1     | 1.393 |
| STROKE | 25 | 10.10 | 1.149 | 1.001 | 1.397 |
| STROKE | 25 | 10.20 | 1.152 | 1.001 | 1.401 |
| STROKE | 25 | 10.30 | 1.155 | 1.002 | 1.405 |
| STROKE | 25 | 10.40 | 1.158 | 1.002 | 1.41  |
| STROKE | 25 | 10.50 | 1.161 | 1.003 | 1.414 |
| STROKE | 25 | 10.60 | 1.164 | 1.003 | 1.418 |
| STROKE | 25 | 10.70 | 1.167 | 1.004 | 1.423 |
| STROKE | 25 | 10.80 | 1.17  | 1.004 | 1.427 |
| STROKE | 25 | 10.90 | 1.172 | 1.005 | 1.431 |
| STROKE | 25 | 11.00 | 1.175 | 1.005 | 1.436 |
| STROKE | 25 | 11.10 | 1.178 | 1.007 | 1.439 |
| STROKE | 25 | 11.20 | 1.181 | 1.009 | 1.443 |
| STROKE | 25 | 11.30 | 1.184 | 1.011 | 1.447 |
| STROKE | 25 | 11.40 | 1.187 | 1.013 | 1.451 |
| STROKE | 25 | 11.50 | 1.19  | 1.015 | 1.455 |
| STROKE | 25 | 11.60 | 1.193 | 1.017 | 1.459 |
| STROKE | 25 | 11.70 | 1.196 | 1.018 | 1.463 |
| STROKE | 25 | 11.80 | 1.198 | 1.02  | 1.467 |
| STROKE | 25 | 11.90 | 1.201 | 1.022 | 1.471 |
| STROKE | 25 | 12.00 | 1.204 | 1.024 | 1.475 |
| STROKE | 25 | 12.10 | 1.207 | 1.026 | 1.479 |
| STROKE | 25 | 12.20 | 1.21  | 1.028 | 1.482 |
| STROKE | 25 | 12.30 | 1.213 | 1.03  | 1.486 |
| STROKE | 25 | 12.40 | 1.216 | 1.032 | 1.49  |
| STROKE | 25 | 12.50 | 1.219 | 1.034 | 1.494 |
| STROKE | 25 | 12.60 | 1.221 | 1.036 | 1.498 |
| STROKE | 25 | 12.70 | 1.224 | 1.038 | 1.501 |
| STROKE | 25 | 12.80 | 1.227 | 1.039 | 1.505 |
| STROKE | 25 | 12.90 | 1.23  | 1.041 | 1.509 |
| STROKE | 25 | 13.00 | 1.233 | 1.043 | 1.513 |
| STROKE | 25 | 13.10 | 1.236 | 1.045 | 1.517 |
| STROKE | 25 | 13.20 | 1.239 | 1.047 | 1.522 |
| STROKE | 25 | 13.30 | 1.241 | 1.049 | 1.526 |
| STROKE | 25 | 13.40 | 1.244 | 1.051 | 1.531 |
| STROKE | 25 | 13.50 | 1.247 | 1.053 | 1.535 |
| STROKE | 25 | 13.60 | 1.25  | 1.055 | 1.54  |
| STROKE | 25 | 13.70 | 1.253 | 1.057 | 1.544 |
| STROKE | 25 | 13.80 | 1.256 | 1.059 | 1.549 |
| STROKE | 25 | 13.90 | 1.259 | 1.061 | 1.553 |
| STROKE | 25 | 14.00 | 1.261 | 1.063 | 1.558 |
| STROKE | 25 | 14.10 | 1.264 | 1.065 | 1.561 |
| STROKE | 25 | 14.20 | 1.267 | 1.067 | 1.565 |
| STROKE | 25 | 14.30 | 1.27  | 1.069 | 1.569 |
| STROKE | 25 | 14.40 | 1.273 | 1.071 | 1.572 |
| STROKE | 25 | 14.50 | 1.276 | 1.073 | 1.576 |
| STROKE | 25 | 14.60 | 1.278 | 1.075 | 1.579 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 14.70 | 1.281 | 1.077 | 1.583 |
| STROKE | 25 | 14.80 | 1.284 | 1.079 | 1.587 |
| STROKE | 25 | 14.90 | 1.287 | 1.081 | 1.59  |
| STROKE | 25 | 15.00 | 1.29  | 1.083 | 1.594 |
| STROKE | 25 | 15.10 | 1.292 | 1.085 | 1.598 |
| STROKE | 25 | 15.20 | 1.295 | 1.087 | 1.601 |
| STROKE | 25 | 15.30 | 1.298 | 1.089 | 1.605 |
| STROKE | 25 | 15.40 | 1.301 | 1.091 | 1.608 |
| STROKE | 25 | 15.50 | 1.304 | 1.093 | 1.612 |
| STROKE | 25 | 15.60 | 1.306 | 1.095 | 1.615 |
| STROKE | 25 | 15.70 | 1.309 | 1.097 | 1.618 |
| STROKE | 25 | 15.80 | 1.312 | 1.098 | 1.622 |
| STROKE | 25 | 15.90 | 1.315 | 1.1   | 1.625 |
| STROKE | 25 | 16.00 | 1.318 | 1.102 | 1.629 |
| STROKE | 25 | 16.10 | 1.32  | 1.104 | 1.632 |
| STROKE | 25 | 16.20 | 1.323 | 1.106 | 1.636 |
| STROKE | 25 | 16.30 | 1.326 | 1.108 | 1.64  |
| STROKE | 25 | 16.40 | 1.329 | 1.11  | 1.643 |
| STROKE | 25 | 16.50 | 1.332 | 1.111 | 1.647 |
| STROKE | 25 | 16.60 | 1.334 | 1.113 | 1.65  |
| STROKE | 25 | 16.70 | 1.337 | 1.115 | 1.654 |
| STROKE | 25 | 16.80 | 1.34  | 1.117 | 1.657 |
| STROKE | 25 | 16.90 | 1.343 | 1.119 | 1.661 |
| STROKE | 25 | 17.00 | 1.345 | 1.121 | 1.664 |
| STROKE | 25 | 17.10 | 1.348 | 1.123 | 1.668 |
| STROKE | 25 | 17.20 | 1.351 | 1.125 | 1.673 |
| STROKE | 25 | 17.30 | 1.354 | 1.126 | 1.677 |
| STROKE | 25 | 17.40 | 1.356 | 1.128 | 1.681 |
| STROKE | 25 | 17.50 | 1.359 | 1.13  | 1.686 |
| STROKE | 25 | 17.60 | 1.362 | 1.132 | 1.69  |
| STROKE | 25 | 17.70 | 1.365 | 1.134 | 1.694 |
| STROKE | 25 | 17.80 | 1.367 | 1.136 | 1.699 |
| STROKE | 25 | 17.90 | 1.37  | 1.138 | 1.703 |
| STROKE | 25 | 18.00 | 1.373 | 1.139 | 1.707 |
| STROKE | 25 | 18.10 | 1.376 | 1.141 | 1.711 |
| STROKE | 25 | 18.20 | 1.378 | 1.143 | 1.714 |
| STROKE | 25 | 18.30 | 1.381 | 1.145 | 1.718 |
| STROKE | 25 | 18.40 | 1.384 | 1.147 | 1.721 |
| STROKE | 25 | 18.50 | 1.387 | 1.149 | 1.725 |
| STROKE | 25 | 18.60 | 1.389 | 1.151 | 1.728 |
| STROKE | 25 | 18.70 | 1.392 | 1.152 | 1.732 |
| STROKE | 25 | 18.80 | 1.395 | 1.154 | 1.736 |
| STROKE | 25 | 18.90 | 1.398 | 1.156 | 1.739 |
| STROKE | 25 | 19.00 | 1.4   | 1.158 | 1.743 |
| STROKE | 25 | 19.10 | 1.403 | 1.16  | 1.746 |
| STROKE | 25 | 19.20 | 1.406 | 1.162 | 1.75  |
| STROKE | 25 | 19.30 | 1.408 | 1.164 | 1.754 |
| STROKE | 25 | 19.40 | 1.411 | 1.165 | 1.758 |
| STROKE | 25 | 19.50 | 1.414 | 1.167 | 1.762 |
| STROKE | 25 | 19.60 | 1.417 | 1.169 | 1.766 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 19.70 | 1.419 | 1.171 | 1.769 |
| STROKE | 25 | 19.80 | 1.422 | 1.173 | 1.773 |
| STROKE | 25 | 19.90 | 1.425 | 1.175 | 1.777 |
| STROKE | 25 | 20.00 | 1.427 | 1.177 | 1.781 |
| STROKE | 25 | 20.10 | 1.43  | 1.179 | 1.785 |
| STROKE | 25 | 20.20 | 1.433 | 1.18  | 1.788 |
| STROKE | 25 | 20.30 | 1.435 | 1.182 | 1.792 |
| STROKE | 25 | 20.40 | 1.438 | 1.184 | 1.795 |
| STROKE | 25 | 20.50 | 1.441 | 1.186 | 1.799 |
| STROKE | 25 | 20.60 | 1.444 | 1.188 | 1.803 |
| STROKE | 25 | 20.70 | 1.446 | 1.19  | 1.806 |
| STROKE | 25 | 20.80 | 1.449 | 1.192 | 1.81  |
| STROKE | 25 | 20.90 | 1.452 | 1.194 | 1.813 |
| STROKE | 25 | 21.00 | 1.454 | 1.195 | 1.817 |
| STROKE | 25 | 21.10 | 1.457 | 1.197 | 1.821 |
| STROKE | 25 | 21.20 | 1.46  | 1.199 | 1.825 |
| STROKE | 25 | 21.30 | 1.462 | 1.201 | 1.829 |
| STROKE | 25 | 21.40 | 1.465 | 1.203 | 1.833 |
| STROKE | 25 | 21.50 | 1.468 | 1.205 | 1.836 |
| STROKE | 25 | 21.60 | 1.47  | 1.207 | 1.84  |
| STROKE | 25 | 21.70 | 1.473 | 1.208 | 1.844 |
| STROKE | 25 | 21.80 | 1.476 | 1.21  | 1.848 |
| STROKE | 25 | 21.90 | 1.478 | 1.212 | 1.852 |
| STROKE | 25 | 22.00 | 1.481 | 1.214 | 1.856 |
| STROKE | 25 | 22.10 | 1.484 | 1.216 | 1.859 |
| STROKE | 25 | 22.20 | 1.486 | 1.218 | 1.863 |
| STROKE | 25 | 22.30 | 1.489 | 1.22  | 1.867 |
| STROKE | 25 | 22.40 | 1.492 | 1.221 | 1.87  |
| STROKE | 25 | 22.50 | 1.494 | 1.223 | 1.874 |
| STROKE | 25 | 22.60 | 1.497 | 1.225 | 1.878 |
| STROKE | 25 | 22.70 | 1.5   | 1.227 | 1.881 |
| STROKE | 25 | 22.80 | 1.502 | 1.229 | 1.885 |
| STROKE | 25 | 22.90 | 1.505 | 1.231 | 1.889 |
| STROKE | 25 | 23.00 | 1.508 | 1.233 | 1.892 |
| STROKE | 25 | 23.10 | 1.51  | 1.234 | 1.896 |
| STROKE | 25 | 23.20 | 1.513 | 1.236 | 1.899 |
| STROKE | 25 | 23.30 | 1.515 | 1.238 | 1.903 |
| STROKE | 25 | 23.40 | 1.518 | 1.24  | 1.907 |
| STROKE | 25 | 23.50 | 1.521 | 1.242 | 1.91  |
| STROKE | 25 | 23.60 | 1.523 | 1.244 | 1.914 |
| STROKE | 25 | 23.70 | 1.526 | 1.246 | 1.917 |
| STROKE | 25 | 23.80 | 1.529 | 1.247 | 1.921 |
| STROKE | 25 | 23.90 | 1.531 | 1.249 | 1.925 |
| STROKE | 25 | 24.00 | 1.534 | 1.251 | 1.928 |
| STROKE | 25 | 24.10 | 1.537 | 1.253 | 1.931 |
| STROKE | 25 | 24.20 | 1.539 | 1.255 | 1.934 |
| STROKE | 25 | 24.30 | 1.542 | 1.257 | 1.938 |
| STROKE | 25 | 24.40 | 1.544 | 1.259 | 1.941 |
| STROKE | 25 | 24.50 | 1.547 | 1.26  | 1.944 |
| STROKE | 25 | 24.60 | 1.55  | 1.262 | 1.947 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 24.70 | 1.552 | 1.264 | 1.95  |
| STROKE | 25 | 24.80 | 1.555 | 1.266 | 1.953 |
| STROKE | 25 | 24.90 | 1.557 | 1.268 | 1.956 |
| STROKE | 25 | 25.00 | 1.56  | 1.27  | 1.96  |
| STROKE | 25 | 25.10 | 1.563 | 1.272 | 1.963 |
| STROKE | 25 | 25.20 | 1.565 | 1.273 | 1.967 |
| STROKE | 25 | 25.30 | 1.568 | 1.275 | 1.971 |
| STROKE | 25 | 25.40 | 1.571 | 1.277 | 1.974 |
| STROKE | 25 | 25.50 | 1.573 | 1.279 | 1.978 |
| STROKE | 25 | 25.60 | 1.576 | 1.281 | 1.982 |
| STROKE | 25 | 25.70 | 1.578 | 1.283 | 1.985 |
| STROKE | 25 | 25.80 | 1.581 | 1.285 | 1.989 |
| STROKE | 25 | 25.90 | 1.584 | 1.287 | 1.993 |
| STROKE | 25 | 26.00 | 1.586 | 1.288 | 1.996 |
| STROKE | 25 | 26.10 | 1.589 | 1.29  | 2     |
| STROKE | 25 | 26.20 | 1.591 | 1.292 | 2.003 |
| STROKE | 25 | 26.30 | 1.594 | 1.294 | 2.007 |
| STROKE | 25 | 26.40 | 1.597 | 1.296 | 2.011 |
| STROKE | 25 | 26.50 | 1.599 | 1.298 | 2.014 |
| STROKE | 25 | 26.60 | 1.602 | 1.3   | 2.018 |
| STROKE | 25 | 26.70 | 1.604 | 1.301 | 2.021 |
| STROKE | 25 | 26.80 | 1.607 | 1.303 | 2.025 |
| STROKE | 25 | 26.90 | 1.609 | 1.305 | 2.029 |
| STROKE | 25 | 27.00 | 1.612 | 1.307 | 2.032 |
| STROKE | 25 | 27.10 | 1.615 | 1.309 | 2.036 |
| STROKE | 25 | 27.20 | 1.617 | 1.311 | 2.039 |
| STROKE | 25 | 27.30 | 1.62  | 1.313 | 2.042 |
| STROKE | 25 | 27.40 | 1.622 | 1.314 | 2.046 |
| STROKE | 25 | 27.50 | 1.625 | 1.316 | 2.049 |
| STROKE | 25 | 27.60 | 1.627 | 1.318 | 2.053 |
| STROKE | 25 | 27.70 | 1.63  | 1.32  | 2.056 |
| STROKE | 25 | 27.80 | 1.633 | 1.322 | 2.059 |
| STROKE | 25 | 27.90 | 1.635 | 1.324 | 2.063 |
| STROKE | 25 | 28.00 | 1.638 | 1.326 | 2.066 |
| STROKE | 25 | 28.10 | 1.64  | 1.327 | 2.07  |
| STROKE | 25 | 28.20 | 1.643 | 1.329 | 2.073 |
| STROKE | 25 | 28.30 | 1.645 | 1.331 | 2.076 |
| STROKE | 25 | 28.40 | 1.648 | 1.333 | 2.079 |
| STROKE | 25 | 28.50 | 1.651 | 1.335 | 2.083 |
| STROKE | 25 | 28.60 | 1.653 | 1.337 | 2.086 |
| STROKE | 25 | 28.70 | 1.656 | 1.339 | 2.089 |
| STROKE | 25 | 28.80 | 1.658 | 1.34  | 2.093 |
| STROKE | 25 | 28.90 | 1.661 | 1.342 | 2.096 |
| STROKE | 25 | 29.00 | 1.663 | 1.344 | 2.099 |
| STROKE | 25 | 29.10 | 1.666 | 1.346 | 2.103 |
| STROKE | 25 | 29.20 | 1.668 | 1.348 | 2.106 |
| STROKE | 25 | 29.30 | 1.671 | 1.35  | 2.109 |
| STROKE | 25 | 29.40 | 1.674 | 1.352 | 2.112 |
| STROKE | 25 | 29.50 | 1.676 | 1.353 | 2.116 |
| STROKE | 25 | 29.60 | 1.679 | 1.355 | 2.119 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 29.70 | 1.681 | 1.357 | 2.122 |
| STROKE | 25 | 29.80 | 1.684 | 1.359 | 2.125 |
| STROKE | 25 | 29.90 | 1.686 | 1.361 | 2.129 |
| STROKE | 25 | 30.00 | 1.689 | 1.363 | 2.132 |
| STROKE | 25 | 30.10 | 1.691 | 1.365 | 2.135 |
| STROKE | 25 | 30.20 | 1.694 | 1.366 | 2.138 |
| STROKE | 25 | 30.30 | 1.696 | 1.368 | 2.141 |
| STROKE | 25 | 30.40 | 1.699 | 1.37  | 2.145 |
| STROKE | 25 | 30.50 | 1.701 | 1.372 | 2.148 |
| STROKE | 25 | 30.60 | 1.704 | 1.374 | 2.151 |
| STROKE | 25 | 30.70 | 1.706 | 1.376 | 2.154 |
| STROKE | 25 | 30.80 | 1.709 | 1.377 | 2.157 |
| STROKE | 25 | 30.90 | 1.712 | 1.379 | 2.161 |
| STROKE | 25 | 31.00 | 1.714 | 1.381 | 2.164 |
| STROKE | 25 | 31.10 | 1.717 | 1.383 | 2.167 |
| STROKE | 25 | 31.20 | 1.719 | 1.385 | 2.17  |
| STROKE | 25 | 31.30 | 1.722 | 1.387 | 2.174 |
| STROKE | 25 | 31.40 | 1.724 | 1.389 | 2.177 |
| STROKE | 25 | 31.50 | 1.727 | 1.39  | 2.18  |
| STROKE | 25 | 31.60 | 1.729 | 1.392 | 2.184 |
| STROKE | 25 | 31.70 | 1.732 | 1.394 | 2.187 |
| STROKE | 25 | 31.80 | 1.734 | 1.396 | 2.19  |
| STROKE | 25 | 31.90 | 1.737 | 1.398 | 2.194 |
| STROKE | 25 | 32.00 | 1.739 | 1.4   | 2.197 |
| STROKE | 25 | 32.10 | 1.742 | 1.401 | 2.2   |
| STROKE | 25 | 32.20 | 1.744 | 1.403 | 2.204 |
| STROKE | 25 | 32.30 | 1.747 | 1.405 | 2.207 |
| STROKE | 25 | 32.40 | 1.749 | 1.407 | 2.21  |
| STROKE | 25 | 32.50 | 1.752 | 1.409 | 2.214 |
| STROKE | 25 | 32.60 | 1.754 | 1.411 | 2.217 |
| STROKE | 25 | 32.70 | 1.757 | 1.413 | 2.22  |
| STROKE | 25 | 32.80 | 1.759 | 1.414 | 2.224 |
| STROKE | 25 | 32.90 | 1.762 | 1.416 | 2.227 |
| STROKE | 25 | 33.00 | 1.764 | 1.418 | 2.23  |
| STROKE | 25 | 33.10 | 1.767 | 1.42  | 2.234 |
| STROKE | 25 | 33.20 | 1.769 | 1.422 | 2.238 |
| STROKE | 25 | 33.30 | 1.772 | 1.424 | 2.241 |
| STROKE | 25 | 33.40 | 1.774 | 1.425 | 2.245 |
| STROKE | 25 | 33.50 | 1.777 | 1.427 | 2.248 |
| STROKE | 25 | 33.60 | 1.779 | 1.429 | 2.252 |
| STROKE | 25 | 33.70 | 1.782 | 1.431 | 2.256 |
| STROKE | 25 | 33.80 | 1.784 | 1.433 | 2.259 |
| STROKE | 25 | 33.90 | 1.787 | 1.435 | 2.263 |
| STROKE | 25 | 34.00 | 1.789 | 1.436 | 2.267 |
| STROKE | 25 | 34.10 | 1.792 | 1.438 | 2.27  |
| STROKE | 25 | 34.20 | 1.794 | 1.44  | 2.274 |
| STROKE | 25 | 34.30 | 1.796 | 1.442 | 2.277 |
| STROKE | 25 | 34.40 | 1.799 | 1.444 | 2.281 |
| STROKE | 25 | 34.50 | 1.801 | 1.446 | 2.285 |
| STROKE | 25 | 34.60 | 1.804 | 1.447 | 2.288 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 34.70 | 1.806 | 1.449 | 2.292 |
| STROKE | 25 | 34.80 | 1.809 | 1.451 | 2.295 |
| STROKE | 25 | 34.90 | 1.811 | 1.453 | 2.299 |
| STROKE | 25 | 35.00 | 1.814 | 1.455 | 2.303 |
| STROKE | 25 | 35.10 | 1.816 | 1.456 | 2.306 |
| STROKE | 25 | 35.20 | 1.819 | 1.458 | 2.309 |
| STROKE | 25 | 35.30 | 1.821 | 1.46  | 2.312 |
| STROKE | 25 | 35.40 | 1.824 | 1.461 | 2.315 |
| STROKE | 25 | 35.50 | 1.826 | 1.463 | 2.319 |
| STROKE | 25 | 35.60 | 1.828 | 1.464 | 2.322 |
| STROKE | 25 | 35.70 | 1.831 | 1.466 | 2.325 |
| STROKE | 25 | 35.80 | 1.833 | 1.468 | 2.328 |
| STROKE | 25 | 35.90 | 1.836 | 1.469 | 2.331 |
| STROKE | 25 | 36.00 | 1.838 | 1.471 | 2.334 |
| STROKE | 25 | 36.10 | 1.841 | 1.472 | 2.337 |
| STROKE | 25 | 36.20 | 1.843 | 1.474 | 2.341 |
| STROKE | 25 | 36.30 | 1.846 | 1.475 | 2.344 |
| STROKE | 25 | 36.40 | 1.848 | 1.477 | 2.347 |
| STROKE | 25 | 36.50 | 1.85  | 1.478 | 2.35  |
| STROKE | 25 | 36.60 | 1.853 | 1.48  | 2.353 |
| STROKE | 25 | 36.70 | 1.855 | 1.481 | 2.356 |
| STROKE | 25 | 36.80 | 1.858 | 1.482 | 2.359 |
| STROKE | 25 | 36.90 | 1.86  | 1.484 | 2.362 |
| STROKE | 25 | 37.00 | 1.863 | 1.485 | 2.365 |
| STROKE | 25 | 37.10 | 1.865 | 1.487 | 2.368 |
| STROKE | 25 | 37.20 | 1.868 | 1.488 | 2.372 |
| STROKE | 25 | 37.30 | 1.87  | 1.489 | 2.375 |
| STROKE | 25 | 37.40 | 1.872 | 1.491 | 2.378 |
| STROKE | 25 | 37.50 | 1.875 | 1.492 | 2.382 |
| STROKE | 25 | 37.60 | 1.877 | 1.494 | 2.385 |
| STROKE | 25 | 37.70 | 1.88  | 1.495 | 2.388 |
| STROKE | 25 | 37.80 | 1.882 | 1.497 | 2.392 |
| STROKE | 25 | 37.90 | 1.884 | 1.498 | 2.395 |
| STROKE | 25 | 38.00 | 1.887 | 1.499 | 2.399 |
| STROKE | 25 | 38.10 | 1.889 | 1.501 | 2.402 |
| STROKE | 25 | 38.20 | 1.892 | 1.502 | 2.405 |
| STROKE | 25 | 38.30 | 1.894 | 1.504 | 2.409 |
| STROKE | 25 | 38.40 | 1.896 | 1.505 | 2.412 |
| STROKE | 25 | 38.50 | 1.899 | 1.506 | 2.415 |
| STROKE | 25 | 38.60 | 1.901 | 1.508 | 2.419 |
| STROKE | 25 | 38.70 | 1.904 | 1.509 | 2.422 |
| STROKE | 25 | 38.80 | 1.906 | 1.511 | 2.425 |
| STROKE | 25 | 38.90 | 1.909 | 1.512 | 2.429 |
| STROKE | 25 | 39.00 | 1.911 | 1.513 | 2.432 |
| STROKE | 25 | 39.10 | 1.913 | 1.515 | 2.435 |
| STROKE | 25 | 39.20 | 1.916 | 1.516 | 2.438 |
| STROKE | 25 | 39.30 | 1.918 | 1.518 | 2.441 |
| STROKE | 25 | 39.40 | 1.92  | 1.519 | 2.444 |
| STROKE | 25 | 39.50 | 1.923 | 1.52  | 2.447 |
| STROKE | 25 | 39.60 | 1.925 | 1.522 | 2.45  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 39.70 | 1.928 | 1.523 | 2.453 |
| STROKE | 25 | 39.80 | 1.93  | 1.524 | 2.456 |
| STROKE | 25 | 39.90 | 1.932 | 1.526 | 2.459 |
| STROKE | 25 | 40.00 | 1.935 | 1.527 | 2.462 |
| STROKE | 25 | 40.10 | 1.937 | 1.529 | 2.465 |
| STROKE | 25 | 40.20 | 1.94  | 1.53  | 2.467 |
| STROKE | 25 | 40.30 | 1.942 | 1.532 | 2.47  |
| STROKE | 25 | 40.40 | 1.944 | 1.534 | 2.473 |
| STROKE | 25 | 40.50 | 1.947 | 1.535 | 2.475 |
| STROKE | 25 | 40.60 | 1.949 | 1.537 | 2.478 |
| STROKE | 25 | 40.70 | 1.951 | 1.539 | 2.481 |
| STROKE | 25 | 40.80 | 1.954 | 1.54  | 2.483 |
| STROKE | 25 | 40.90 | 1.956 | 1.542 | 2.486 |
| STROKE | 25 | 41.00 | 1.958 | 1.543 | 2.488 |
| STROKE | 25 | 41.10 | 1.961 | 1.545 | 2.491 |
| STROKE | 25 | 41.20 | 1.963 | 1.547 | 2.494 |
| STROKE | 25 | 41.30 | 1.965 | 1.549 | 2.496 |
| STROKE | 25 | 41.40 | 1.968 | 1.551 | 2.499 |
| STROKE | 25 | 41.50 | 1.97  | 1.552 | 2.502 |
| STROKE | 25 | 41.60 | 1.973 | 1.554 | 2.504 |
| STROKE | 25 | 41.70 | 1.975 | 1.556 | 2.507 |
| STROKE | 25 | 41.80 | 1.977 | 1.558 | 2.509 |
| STROKE | 25 | 41.90 | 1.98  | 1.559 | 2.512 |
| STROKE | 25 | 42.00 | 1.982 | 1.561 | 2.515 |
| STROKE | 25 | 42.10 | 1.984 | 1.563 | 2.518 |
| STROKE | 25 | 42.20 | 1.987 | 1.565 | 2.521 |
| STROKE | 25 | 42.30 | 1.989 | 1.566 | 2.524 |
| STROKE | 25 | 42.40 | 1.991 | 1.568 | 2.527 |
| STROKE | 25 | 42.50 | 1.994 | 1.57  | 2.53  |
| STROKE | 25 | 42.60 | 1.996 | 1.572 | 2.533 |
| STROKE | 25 | 42.70 | 1.998 | 1.573 | 2.536 |
| STROKE | 25 | 42.80 | 2.001 | 1.575 | 2.539 |
| STROKE | 25 | 42.90 | 2.003 | 1.577 | 2.542 |
| STROKE | 25 | 43.00 | 2.005 | 1.579 | 2.545 |
| STROKE | 25 | 43.10 | 2.008 | 1.58  | 2.548 |
| STROKE | 25 | 43.20 | 2.01  | 1.582 | 2.551 |
| STROKE | 25 | 43.30 | 2.012 | 1.583 | 2.555 |
| STROKE | 25 | 43.40 | 2.014 | 1.585 | 2.558 |
| STROKE | 25 | 43.50 | 2.017 | 1.586 | 2.561 |
| STROKE | 25 | 43.60 | 2.019 | 1.588 | 2.564 |
| STROKE | 25 | 43.70 | 2.021 | 1.59  | 2.567 |
| STROKE | 25 | 43.80 | 2.024 | 1.591 | 2.57  |
| STROKE | 25 | 43.90 | 2.026 | 1.593 | 2.573 |
| STROKE | 25 | 44.00 | 2.028 | 1.594 | 2.577 |
| STROKE | 25 | 44.10 | 2.031 | 1.596 | 2.579 |
| STROKE | 25 | 44.20 | 2.033 | 1.597 | 2.582 |
| STROKE | 25 | 44.30 | 2.035 | 1.599 | 2.585 |
| STROKE | 25 | 44.40 | 2.037 | 1.601 | 2.588 |
| STROKE | 25 | 44.50 | 2.04  | 1.602 | 2.591 |
| STROKE | 25 | 44.60 | 2.042 | 1.604 | 2.594 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 44.70 | 2.044 | 1.606 | 2.597 |
| STROKE | 25 | 44.80 | 2.047 | 1.607 | 2.6   |
| STROKE | 25 | 44.90 | 2.049 | 1.609 | 2.602 |
| STROKE | 25 | 45.00 | 2.051 | 1.611 | 2.605 |
| STROKE | 25 | 45.10 | 2.053 | 1.612 | 2.608 |
| STROKE | 25 | 45.20 | 2.056 | 1.614 | 2.61  |
| STROKE | 25 | 45.30 | 2.058 | 1.616 | 2.613 |
| STROKE | 25 | 45.40 | 2.06  | 1.617 | 2.615 |
| STROKE | 25 | 45.50 | 2.062 | 1.619 | 2.617 |
| STROKE | 25 | 45.60 | 2.065 | 1.62  | 2.62  |
| STROKE | 25 | 45.70 | 2.067 | 1.622 | 2.622 |
| STROKE | 25 | 45.80 | 2.069 | 1.624 | 2.625 |
| STROKE | 25 | 45.90 | 2.072 | 1.625 | 2.627 |
| STROKE | 25 | 46.00 | 2.074 | 1.627 | 2.63  |
| STROKE | 25 | 46.10 | 2.076 | 1.628 | 2.633 |
| STROKE | 25 | 46.20 | 2.078 | 1.63  | 2.637 |
| STROKE | 25 | 46.30 | 2.081 | 1.632 | 2.64  |
| STROKE | 25 | 46.40 | 2.083 | 1.633 | 2.644 |
| STROKE | 25 | 46.50 | 2.085 | 1.635 | 2.648 |
| STROKE | 25 | 46.60 | 2.087 | 1.636 | 2.651 |
| STROKE | 25 | 46.70 | 2.09  | 1.638 | 2.655 |
| STROKE | 25 | 46.80 | 2.092 | 1.639 | 2.658 |
| STROKE | 25 | 46.90 | 2.094 | 1.641 | 2.662 |
| STROKE | 25 | 47.00 | 2.096 | 1.642 | 2.665 |
| STROKE | 25 | 47.10 | 2.098 | 1.644 | 2.669 |
| STROKE | 25 | 47.20 | 2.101 | 1.645 | 2.672 |
| STROKE | 25 | 47.30 | 2.103 | 1.647 | 2.676 |
| STROKE | 25 | 47.40 | 2.105 | 1.648 | 2.68  |
| STROKE | 25 | 47.50 | 2.107 | 1.649 | 2.683 |
| STROKE | 25 | 47.60 | 2.11  | 1.651 | 2.687 |
| STROKE | 25 | 47.70 | 2.112 | 1.652 | 2.69  |
| STROKE | 25 | 47.80 | 2.114 | 1.654 | 2.694 |
| STROKE | 25 | 47.90 | 2.116 | 1.655 | 2.697 |
| STROKE | 25 | 48.00 | 2.118 | 1.657 | 2.701 |
| STROKE | 25 | 48.10 | 2.121 | 1.658 | 2.704 |
| STROKE | 25 | 48.20 | 2.123 | 1.66  | 2.707 |
| STROKE | 25 | 48.30 | 2.125 | 1.661 | 2.71  |
| STROKE | 25 | 48.40 | 2.127 | 1.663 | 2.713 |
| STROKE | 25 | 48.50 | 2.129 | 1.664 | 2.716 |
| STROKE | 25 | 48.60 | 2.132 | 1.666 | 2.719 |
| STROKE | 25 | 48.70 | 2.134 | 1.667 | 2.722 |
| STROKE | 25 | 48.80 | 2.136 | 1.669 | 2.726 |
| STROKE | 25 | 48.90 | 2.138 | 1.67  | 2.729 |
| STROKE | 25 | 49.00 | 2.14  | 1.672 | 2.732 |
| STROKE | 25 | 49.10 | 2.143 | 1.673 | 2.735 |
| STROKE | 25 | 49.20 | 2.145 | 1.674 | 2.738 |
| STROKE | 25 | 49.30 | 2.147 | 1.676 | 2.741 |
| STROKE | 25 | 49.40 | 2.149 | 1.677 | 2.744 |
| STROKE | 25 | 49.50 | 2.151 | 1.679 | 2.747 |
| STROKE | 25 | 49.60 | 2.153 | 1.68  | 2.75  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 25 | 49.70 | 2.156 | 1.682 | 2.753 |
| STROKE | 25 | 49.80 | 2.158 | 1.683 | 2.756 |
| STROKE | 25 | 49.90 | 2.16  | 1.685 | 2.759 |
| STROKE | 30 | 0.00  | 1     | 1     | 1     |
| STROKE | 30 | 0.10  | 1     | 1     | 1     |
| STROKE | 30 | 0.20  | 1     | 1     | 1     |
| STROKE | 30 | 0.30  | 1     | 1     | 1     |
| STROKE | 30 | 0.40  | 1     | 1     | 1     |
| STROKE | 30 | 0.50  | 1     | 1     | 1     |
| STROKE | 30 | 0.60  | 1     | 1     | 1     |
| STROKE | 30 | 0.70  | 1     | 1     | 1     |
| STROKE | 30 | 0.80  | 1     | 1     | 1     |
| STROKE | 30 | 0.90  | 1     | 1     | 1     |
| STROKE | 30 | 1.00  | 1     | 1     | 1     |
| STROKE | 30 | 1.10  | 1     | 1     | 1     |
| STROKE | 30 | 1.20  | 1     | 1     | 1     |
| STROKE | 30 | 1.30  | 1     | 1     | 1     |
| STROKE | 30 | 1.40  | 1.001 | 1     | 1     |
| STROKE | 30 | 1.50  | 1.001 | 1     | 1.004 |
| STROKE | 30 | 1.60  | 1.001 | 1     | 1.012 |
| STROKE | 30 | 1.70  | 1.001 | 1     | 1.019 |
| STROKE | 30 | 1.80  | 1.002 | 1     | 1.024 |
| STROKE | 30 | 1.90  | 1.002 | 1     | 1.029 |
| STROKE | 30 | 2.00  | 1.002 | 1     | 1.037 |
| STROKE | 30 | 2.10  | 1.003 | 1     | 1.044 |
| STROKE | 30 | 2.20  | 1.004 | 1     | 1.049 |
| STROKE | 30 | 2.30  | 1.004 | 1     | 1.055 |
| STROKE | 30 | 2.40  | 1.005 | 1     | 1.061 |
| STROKE | 30 | 2.50  | 1.006 | 1     | 1.067 |
| STROKE | 30 | 2.60  | 1.007 | 1     | 1.072 |
| STROKE | 30 | 2.70  | 1.008 | 1     | 1.078 |
| STROKE | 30 | 2.80  | 1.009 | 1     | 1.084 |
| STROKE | 30 | 2.90  | 1.01  | 1     | 1.089 |
| STROKE | 30 | 3.00  | 1.012 | 1     | 1.095 |
| STROKE | 30 | 3.10  | 1.013 | 1     | 1.1   |
| STROKE | 30 | 3.20  | 1.014 | 1     | 1.106 |
| STROKE | 30 | 3.30  | 1.016 | 1     | 1.111 |
| STROKE | 30 | 3.40  | 1.018 | 1     | 1.117 |
| STROKE | 30 | 3.50  | 1.019 | 1     | 1.122 |
| STROKE | 30 | 3.60  | 1.021 | 1     | 1.128 |
| STROKE | 30 | 3.70  | 1.023 | 1     | 1.133 |
| STROKE | 30 | 3.80  | 1.025 | 1     | 1.138 |
| STROKE | 30 | 3.90  | 1.027 | 1     | 1.144 |
| STROKE | 30 | 4.00  | 1.029 | 1     | 1.149 |
| STROKE | 30 | 4.10  | 1.031 | 1     | 1.154 |
| STROKE | 30 | 4.20  | 1.033 | 1     | 1.159 |
| STROKE | 30 | 4.30  | 1.036 | 1     | 1.164 |
| STROKE | 30 | 4.40  | 1.038 | 1     | 1.169 |
| STROKE | 30 | 4.50  | 1.04  | 1     | 1.174 |
| STROKE | 30 | 4.60  | 1.043 | 1     | 1.18  |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 30 | 4.70 | 1.045 | 1     | 1.185 |
| STROKE | 30 | 4.80 | 1.047 | 1     | 1.19  |
| STROKE | 30 | 4.90 | 1.05  | 1     | 1.194 |
| STROKE | 30 | 5.00 | 1.053 | 1     | 1.199 |
| STROKE | 30 | 5.10 | 1.055 | 1     | 1.204 |
| STROKE | 30 | 5.20 | 1.058 | 1     | 1.209 |
| STROKE | 30 | 5.30 | 1.061 | 1     | 1.214 |
| STROKE | 30 | 5.40 | 1.063 | 1     | 1.219 |
| STROKE | 30 | 5.50 | 1.066 | 1     | 1.225 |
| STROKE | 30 | 5.60 | 1.069 | 1     | 1.231 |
| STROKE | 30 | 5.70 | 1.072 | 1     | 1.237 |
| STROKE | 30 | 5.80 | 1.074 | 1     | 1.242 |
| STROKE | 30 | 5.90 | 1.077 | 1     | 1.248 |
| STROKE | 30 | 6.00 | 1.08  | 1     | 1.254 |
| STROKE | 30 | 6.10 | 1.083 | 1     | 1.26  |
| STROKE | 30 | 6.20 | 1.086 | 1     | 1.265 |
| STROKE | 30 | 6.30 | 1.089 | 1     | 1.271 |
| STROKE | 30 | 6.40 | 1.092 | 1     | 1.277 |
| STROKE | 30 | 6.50 | 1.095 | 1     | 1.283 |
| STROKE | 30 | 6.60 | 1.098 | 1     | 1.288 |
| STROKE | 30 | 6.70 | 1.1   | 1     | 1.294 |
| STROKE | 30 | 6.80 | 1.103 | 1     | 1.299 |
| STROKE | 30 | 6.90 | 1.106 | 1     | 1.305 |
| STROKE | 30 | 7.00 | 1.109 | 1.003 | 1.311 |
| STROKE | 30 | 7.10 | 1.112 | 1.005 | 1.316 |
| STROKE | 30 | 7.20 | 1.115 | 1.007 | 1.322 |
| STROKE | 30 | 7.30 | 1.118 | 1.009 | 1.327 |
| STROKE | 30 | 7.40 | 1.121 | 1.01  | 1.331 |
| STROKE | 30 | 7.50 | 1.124 | 1.012 | 1.336 |
| STROKE | 30 | 7.60 | 1.127 | 1.014 | 1.34  |
| STROKE | 30 | 7.70 | 1.13  | 1.016 | 1.345 |
| STROKE | 30 | 7.80 | 1.133 | 1.018 | 1.349 |
| STROKE | 30 | 7.90 | 1.136 | 1.021 | 1.354 |
| STROKE | 30 | 8.00 | 1.139 | 1.023 | 1.358 |
| STROKE | 30 | 8.10 | 1.142 | 1.025 | 1.362 |
| STROKE | 30 | 8.20 | 1.145 | 1.027 | 1.367 |
| STROKE | 30 | 8.30 | 1.147 | 1.029 | 1.371 |
| STROKE | 30 | 8.40 | 1.15  | 1.031 | 1.375 |
| STROKE | 30 | 8.50 | 1.153 | 1.033 | 1.38  |
| STROKE | 30 | 8.60 | 1.156 | 1.035 | 1.384 |
| STROKE | 30 | 8.70 | 1.159 | 1.037 | 1.388 |
| STROKE | 30 | 8.80 | 1.162 | 1.039 | 1.392 |
| STROKE | 30 | 8.90 | 1.165 | 1.041 | 1.397 |
| STROKE | 30 | 9.00 | 1.168 | 1.043 | 1.401 |
| STROKE | 30 | 9.10 | 1.171 | 1.044 | 1.405 |
| STROKE | 30 | 9.20 | 1.174 | 1.046 | 1.409 |
| STROKE | 30 | 9.30 | 1.177 | 1.048 | 1.413 |
| STROKE | 30 | 9.40 | 1.18  | 1.05  | 1.417 |
| STROKE | 30 | 9.50 | 1.182 | 1.052 | 1.421 |
| STROKE | 30 | 9.60 | 1.185 | 1.054 | 1.426 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 9.70  | 1.188 | 1.056 | 1.43  |
| STROKE | 30 | 9.80  | 1.191 | 1.058 | 1.435 |
| STROKE | 30 | 9.90  | 1.194 | 1.06  | 1.44  |
| STROKE | 30 | 10.00 | 1.197 | 1.062 | 1.444 |
| STROKE | 30 | 10.10 | 1.2   | 1.064 | 1.449 |
| STROKE | 30 | 10.20 | 1.203 | 1.066 | 1.454 |
| STROKE | 30 | 10.30 | 1.205 | 1.068 | 1.459 |
| STROKE | 30 | 10.40 | 1.208 | 1.07  | 1.464 |
| STROKE | 30 | 10.50 | 1.211 | 1.072 | 1.469 |
| STROKE | 30 | 10.60 | 1.214 | 1.074 | 1.473 |
| STROKE | 30 | 10.70 | 1.217 | 1.076 | 1.478 |
| STROKE | 30 | 10.80 | 1.22  | 1.078 | 1.483 |
| STROKE | 30 | 10.90 | 1.223 | 1.08  | 1.488 |
| STROKE | 30 | 11.00 | 1.225 | 1.082 | 1.493 |
| STROKE | 30 | 11.10 | 1.228 | 1.084 | 1.497 |
| STROKE | 30 | 11.20 | 1.231 | 1.086 | 1.501 |
| STROKE | 30 | 11.30 | 1.234 | 1.087 | 1.505 |
| STROKE | 30 | 11.40 | 1.237 | 1.089 | 1.509 |
| STROKE | 30 | 11.50 | 1.24  | 1.091 | 1.513 |
| STROKE | 30 | 11.60 | 1.242 | 1.093 | 1.517 |
| STROKE | 30 | 11.70 | 1.245 | 1.095 | 1.521 |
| STROKE | 30 | 11.80 | 1.248 | 1.097 | 1.525 |
| STROKE | 30 | 11.90 | 1.251 | 1.099 | 1.529 |
| STROKE | 30 | 12.00 | 1.254 | 1.101 | 1.533 |
| STROKE | 30 | 12.10 | 1.257 | 1.103 | 1.537 |
| STROKE | 30 | 12.20 | 1.259 | 1.105 | 1.541 |
| STROKE | 30 | 12.30 | 1.262 | 1.107 | 1.545 |
| STROKE | 30 | 12.40 | 1.265 | 1.109 | 1.549 |
| STROKE | 30 | 12.50 | 1.268 | 1.111 | 1.554 |
| STROKE | 30 | 12.60 | 1.27  | 1.113 | 1.558 |
| STROKE | 30 | 12.70 | 1.273 | 1.115 | 1.562 |
| STROKE | 30 | 12.80 | 1.276 | 1.117 | 1.566 |
| STROKE | 30 | 12.90 | 1.279 | 1.118 | 1.57  |
| STROKE | 30 | 13.00 | 1.282 | 1.12  | 1.575 |
| STROKE | 30 | 13.10 | 1.284 | 1.122 | 1.579 |
| STROKE | 30 | 13.20 | 1.287 | 1.124 | 1.583 |
| STROKE | 30 | 13.30 | 1.29  | 1.126 | 1.587 |
| STROKE | 30 | 13.40 | 1.293 | 1.128 | 1.592 |
| STROKE | 30 | 13.50 | 1.295 | 1.13  | 1.596 |
| STROKE | 30 | 13.60 | 1.298 | 1.132 | 1.6   |
| STROKE | 30 | 13.70 | 1.301 | 1.133 | 1.604 |
| STROKE | 30 | 13.80 | 1.304 | 1.135 | 1.608 |
| STROKE | 30 | 13.90 | 1.307 | 1.137 | 1.613 |
| STROKE | 30 | 14.00 | 1.309 | 1.139 | 1.617 |
| STROKE | 30 | 14.10 | 1.312 | 1.141 | 1.62  |
| STROKE | 30 | 14.20 | 1.315 | 1.143 | 1.624 |
| STROKE | 30 | 14.30 | 1.318 | 1.144 | 1.628 |
| STROKE | 30 | 14.40 | 1.32  | 1.146 | 1.632 |
| STROKE | 30 | 14.50 | 1.323 | 1.148 | 1.635 |
| STROKE | 30 | 14.60 | 1.326 | 1.15  | 1.639 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 14.70 | 1.328 | 1.152 | 1.643 |
| STROKE | 30 | 14.80 | 1.331 | 1.153 | 1.646 |
| STROKE | 30 | 14.90 | 1.334 | 1.155 | 1.65  |
| STROKE | 30 | 15.00 | 1.337 | 1.157 | 1.654 |
| STROKE | 30 | 15.10 | 1.339 | 1.159 | 1.656 |
| STROKE | 30 | 15.20 | 1.342 | 1.161 | 1.659 |
| STROKE | 30 | 15.30 | 1.345 | 1.163 | 1.662 |
| STROKE | 30 | 15.40 | 1.348 | 1.164 | 1.665 |
| STROKE | 30 | 15.50 | 1.35  | 1.166 | 1.668 |
| STROKE | 30 | 15.60 | 1.353 | 1.168 | 1.671 |
| STROKE | 30 | 15.70 | 1.356 | 1.17  | 1.674 |
| STROKE | 30 | 15.80 | 1.358 | 1.172 | 1.677 |
| STROKE | 30 | 15.90 | 1.361 | 1.174 | 1.68  |
| STROKE | 30 | 16.00 | 1.364 | 1.176 | 1.683 |
| STROKE | 30 | 16.10 | 1.367 | 1.178 | 1.685 |
| STROKE | 30 | 16.20 | 1.369 | 1.179 | 1.688 |
| STROKE | 30 | 16.30 | 1.372 | 1.181 | 1.691 |
| STROKE | 30 | 16.40 | 1.375 | 1.183 | 1.694 |
| STROKE | 30 | 16.50 | 1.377 | 1.185 | 1.696 |
| STROKE | 30 | 16.60 | 1.38  | 1.187 | 1.699 |
| STROKE | 30 | 16.70 | 1.383 | 1.189 | 1.702 |
| STROKE | 30 | 16.80 | 1.385 | 1.191 | 1.705 |
| STROKE | 30 | 16.90 | 1.388 | 1.193 | 1.708 |
| STROKE | 30 | 17.00 | 1.391 | 1.195 | 1.71  |
| STROKE | 30 | 17.10 | 1.393 | 1.196 | 1.714 |
| STROKE | 30 | 17.20 | 1.396 | 1.198 | 1.718 |
| STROKE | 30 | 17.30 | 1.399 | 1.2   | 1.721 |
| STROKE | 30 | 17.40 | 1.401 | 1.202 | 1.725 |
| STROKE | 30 | 17.50 | 1.404 | 1.204 | 1.729 |
| STROKE | 30 | 17.60 | 1.407 | 1.206 | 1.732 |
| STROKE | 30 | 17.70 | 1.409 | 1.208 | 1.736 |
| STROKE | 30 | 17.80 | 1.412 | 1.209 | 1.74  |
| STROKE | 30 | 17.90 | 1.415 | 1.211 | 1.743 |
| STROKE | 30 | 18.00 | 1.417 | 1.213 | 1.747 |
| STROKE | 30 | 18.10 | 1.42  | 1.215 | 1.75  |
| STROKE | 30 | 18.20 | 1.423 | 1.217 | 1.753 |
| STROKE | 30 | 18.30 | 1.425 | 1.218 | 1.756 |
| STROKE | 30 | 18.40 | 1.428 | 1.22  | 1.759 |
| STROKE | 30 | 18.50 | 1.431 | 1.222 | 1.762 |
| STROKE | 30 | 18.60 | 1.433 | 1.223 | 1.765 |
| STROKE | 30 | 18.70 | 1.436 | 1.225 | 1.768 |
| STROKE | 30 | 18.80 | 1.439 | 1.227 | 1.771 |
| STROKE | 30 | 18.90 | 1.441 | 1.229 | 1.774 |
| STROKE | 30 | 19.00 | 1.444 | 1.23  | 1.777 |
| STROKE | 30 | 19.10 | 1.446 | 1.232 | 1.781 |
| STROKE | 30 | 19.20 | 1.449 | 1.234 | 1.784 |
| STROKE | 30 | 19.30 | 1.452 | 1.236 | 1.788 |
| STROKE | 30 | 19.40 | 1.454 | 1.238 | 1.791 |
| STROKE | 30 | 19.50 | 1.457 | 1.24  | 1.794 |
| STROKE | 30 | 19.60 | 1.46  | 1.242 | 1.798 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 19.70 | 1.462 | 1.244 | 1.801 |
| STROKE | 30 | 19.80 | 1.465 | 1.245 | 1.805 |
| STROKE | 30 | 19.90 | 1.467 | 1.247 | 1.808 |
| STROKE | 30 | 20.00 | 1.47  | 1.249 | 1.812 |
| STROKE | 30 | 20.10 | 1.473 | 1.251 | 1.816 |
| STROKE | 30 | 20.20 | 1.475 | 1.253 | 1.819 |
| STROKE | 30 | 20.30 | 1.478 | 1.255 | 1.823 |
| STROKE | 30 | 20.40 | 1.48  | 1.257 | 1.827 |
| STROKE | 30 | 20.50 | 1.483 | 1.259 | 1.831 |
| STROKE | 30 | 20.60 | 1.486 | 1.261 | 1.835 |
| STROKE | 30 | 20.70 | 1.488 | 1.263 | 1.839 |
| STROKE | 30 | 20.80 | 1.491 | 1.264 | 1.843 |
| STROKE | 30 | 20.90 | 1.493 | 1.266 | 1.846 |
| STROKE | 30 | 21.00 | 1.496 | 1.268 | 1.85  |
| STROKE | 30 | 21.10 | 1.499 | 1.27  | 1.854 |
| STROKE | 30 | 21.20 | 1.501 | 1.272 | 1.857 |
| STROKE | 30 | 21.30 | 1.504 | 1.274 | 1.86  |
| STROKE | 30 | 21.40 | 1.506 | 1.276 | 1.863 |
| STROKE | 30 | 21.50 | 1.509 | 1.278 | 1.867 |
| STROKE | 30 | 21.60 | 1.512 | 1.28  | 1.87  |
| STROKE | 30 | 21.70 | 1.514 | 1.281 | 1.873 |
| STROKE | 30 | 21.80 | 1.517 | 1.283 | 1.876 |
| STROKE | 30 | 21.90 | 1.519 | 1.285 | 1.88  |
| STROKE | 30 | 22.00 | 1.522 | 1.287 | 1.883 |
| STROKE | 30 | 22.10 | 1.525 | 1.289 | 1.886 |
| STROKE | 30 | 22.20 | 1.527 | 1.291 | 1.89  |
| STROKE | 30 | 22.30 | 1.53  | 1.293 | 1.893 |
| STROKE | 30 | 22.40 | 1.532 | 1.294 | 1.896 |
| STROKE | 30 | 22.50 | 1.535 | 1.296 | 1.9   |
| STROKE | 30 | 22.60 | 1.537 | 1.298 | 1.903 |
| STROKE | 30 | 22.70 | 1.54  | 1.3   | 1.907 |
| STROKE | 30 | 22.80 | 1.543 | 1.302 | 1.91  |
| STROKE | 30 | 22.90 | 1.545 | 1.304 | 1.914 |
| STROKE | 30 | 23.00 | 1.548 | 1.306 | 1.917 |
| STROKE | 30 | 23.10 | 1.55  | 1.307 | 1.92  |
| STROKE | 30 | 23.20 | 1.553 | 1.309 | 1.923 |
| STROKE | 30 | 23.30 | 1.555 | 1.311 | 1.925 |
| STROKE | 30 | 23.40 | 1.558 | 1.313 | 1.928 |
| STROKE | 30 | 23.50 | 1.56  | 1.315 | 1.931 |
| STROKE | 30 | 23.60 | 1.563 | 1.317 | 1.934 |
| STROKE | 30 | 23.70 | 1.566 | 1.319 | 1.936 |
| STROKE | 30 | 23.80 | 1.568 | 1.321 | 1.939 |
| STROKE | 30 | 23.90 | 1.571 | 1.322 | 1.942 |
| STROKE | 30 | 24.00 | 1.573 | 1.324 | 1.945 |
| STROKE | 30 | 24.10 | 1.576 | 1.326 | 1.948 |
| STROKE | 30 | 24.20 | 1.578 | 1.328 | 1.95  |
| STROKE | 30 | 24.30 | 1.581 | 1.33  | 1.953 |
| STROKE | 30 | 24.40 | 1.583 | 1.332 | 1.956 |
| STROKE | 30 | 24.50 | 1.586 | 1.334 | 1.959 |
| STROKE | 30 | 24.60 | 1.588 | 1.336 | 1.962 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 24.70 | 1.591 | 1.338 | 1.965 |
| STROKE | 30 | 24.80 | 1.594 | 1.34  | 1.968 |
| STROKE | 30 | 24.90 | 1.596 | 1.341 | 1.971 |
| STROKE | 30 | 25.00 | 1.599 | 1.343 | 1.974 |
| STROKE | 30 | 25.10 | 1.601 | 1.345 | 1.976 |
| STROKE | 30 | 25.20 | 1.604 | 1.347 | 1.979 |
| STROKE | 30 | 25.30 | 1.606 | 1.349 | 1.982 |
| STROKE | 30 | 25.40 | 1.609 | 1.351 | 1.985 |
| STROKE | 30 | 25.50 | 1.611 | 1.353 | 1.988 |
| STROKE | 30 | 25.60 | 1.614 | 1.354 | 1.991 |
| STROKE | 30 | 25.70 | 1.616 | 1.356 | 1.994 |
| STROKE | 30 | 25.80 | 1.619 | 1.358 | 1.996 |
| STROKE | 30 | 25.90 | 1.621 | 1.36  | 1.999 |
| STROKE | 30 | 26.00 | 1.624 | 1.362 | 2.002 |
| STROKE | 30 | 26.10 | 1.626 | 1.363 | 2.005 |
| STROKE | 30 | 26.20 | 1.629 | 1.365 | 2.008 |
| STROKE | 30 | 26.30 | 1.631 | 1.367 | 2.01  |
| STROKE | 30 | 26.40 | 1.634 | 1.369 | 2.013 |
| STROKE | 30 | 26.50 | 1.636 | 1.37  | 2.016 |
| STROKE | 30 | 26.60 | 1.639 | 1.372 | 2.019 |
| STROKE | 30 | 26.70 | 1.641 | 1.374 | 2.021 |
| STROKE | 30 | 26.80 | 1.644 | 1.376 | 2.024 |
| STROKE | 30 | 26.90 | 1.646 | 1.377 | 2.027 |
| STROKE | 30 | 27.00 | 1.649 | 1.379 | 2.03  |
| STROKE | 30 | 27.10 | 1.651 | 1.381 | 2.033 |
| STROKE | 30 | 27.20 | 1.654 | 1.383 | 2.035 |
| STROKE | 30 | 27.30 | 1.656 | 1.385 | 2.038 |
| STROKE | 30 | 27.40 | 1.659 | 1.387 | 2.041 |
| STROKE | 30 | 27.50 | 1.661 | 1.388 | 2.044 |
| STROKE | 30 | 27.60 | 1.664 | 1.39  | 2.047 |
| STROKE | 30 | 27.70 | 1.666 | 1.392 | 2.049 |
| STROKE | 30 | 27.80 | 1.669 | 1.394 | 2.052 |
| STROKE | 30 | 27.90 | 1.671 | 1.396 | 2.055 |
| STROKE | 30 | 28.00 | 1.674 | 1.398 | 2.058 |
| STROKE | 30 | 28.10 | 1.676 | 1.399 | 2.061 |
| STROKE | 30 | 28.20 | 1.679 | 1.401 | 2.065 |
| STROKE | 30 | 28.30 | 1.681 | 1.403 | 2.068 |
| STROKE | 30 | 28.40 | 1.684 | 1.405 | 2.072 |
| STROKE | 30 | 28.50 | 1.686 | 1.407 | 2.075 |
| STROKE | 30 | 28.60 | 1.689 | 1.409 | 2.079 |
| STROKE | 30 | 28.70 | 1.691 | 1.41  | 2.082 |
| STROKE | 30 | 28.80 | 1.694 | 1.412 | 2.086 |
| STROKE | 30 | 28.90 | 1.696 | 1.414 | 2.089 |
| STROKE | 30 | 29.00 | 1.699 | 1.416 | 2.093 |
| STROKE | 30 | 29.10 | 1.701 | 1.418 | 2.096 |
| STROKE | 30 | 29.20 | 1.704 | 1.42  | 2.099 |
| STROKE | 30 | 29.30 | 1.706 | 1.421 | 2.103 |
| STROKE | 30 | 29.40 | 1.708 | 1.423 | 2.106 |
| STROKE | 30 | 29.50 | 1.711 | 1.425 | 2.11  |
| STROKE | 30 | 29.60 | 1.713 | 1.427 | 2.113 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 29.70 | 1.716 | 1.429 | 2.116 |
| STROKE | 30 | 29.80 | 1.718 | 1.43  | 2.12  |
| STROKE | 30 | 29.90 | 1.721 | 1.432 | 2.123 |
| STROKE | 30 | 30.00 | 1.723 | 1.434 | 2.127 |
| STROKE | 30 | 30.10 | 1.726 | 1.436 | 2.13  |
| STROKE | 30 | 30.20 | 1.728 | 1.437 | 2.133 |
| STROKE | 30 | 30.30 | 1.731 | 1.439 | 2.137 |
| STROKE | 30 | 30.40 | 1.733 | 1.441 | 2.14  |
| STROKE | 30 | 30.50 | 1.735 | 1.442 | 2.143 |
| STROKE | 30 | 30.60 | 1.738 | 1.444 | 2.147 |
| STROKE | 30 | 30.70 | 1.74  | 1.446 | 2.15  |
| STROKE | 30 | 30.80 | 1.743 | 1.447 | 2.154 |
| STROKE | 30 | 30.90 | 1.745 | 1.449 | 2.157 |
| STROKE | 30 | 31.00 | 1.748 | 1.451 | 2.16  |
| STROKE | 30 | 31.10 | 1.75  | 1.453 | 2.163 |
| STROKE | 30 | 31.20 | 1.753 | 1.455 | 2.166 |
| STROKE | 30 | 31.30 | 1.755 | 1.457 | 2.168 |
| STROKE | 30 | 31.40 | 1.757 | 1.458 | 2.171 |
| STROKE | 30 | 31.50 | 1.76  | 1.46  | 2.174 |
| STROKE | 30 | 31.60 | 1.762 | 1.462 | 2.176 |
| STROKE | 30 | 31.70 | 1.765 | 1.464 | 2.179 |
| STROKE | 30 | 31.80 | 1.767 | 1.466 | 2.182 |
| STROKE | 30 | 31.90 | 1.77  | 1.468 | 2.184 |
| STROKE | 30 | 32.00 | 1.772 | 1.47  | 2.187 |
| STROKE | 30 | 32.10 | 1.774 | 1.472 | 2.19  |
| STROKE | 30 | 32.20 | 1.777 | 1.473 | 2.192 |
| STROKE | 30 | 32.30 | 1.779 | 1.475 | 2.195 |
| STROKE | 30 | 32.40 | 1.782 | 1.477 | 2.197 |
| STROKE | 30 | 32.50 | 1.784 | 1.479 | 2.2   |
| STROKE | 30 | 32.60 | 1.786 | 1.481 | 2.203 |
| STROKE | 30 | 32.70 | 1.789 | 1.482 | 2.205 |
| STROKE | 30 | 32.80 | 1.791 | 1.484 | 2.208 |
| STROKE | 30 | 32.90 | 1.794 | 1.486 | 2.21  |
| STROKE | 30 | 33.00 | 1.796 | 1.488 | 2.213 |
| STROKE | 30 | 33.10 | 1.798 | 1.489 | 2.216 |
| STROKE | 30 | 33.20 | 1.801 | 1.491 | 2.218 |
| STROKE | 30 | 33.30 | 1.803 | 1.493 | 2.221 |
| STROKE | 30 | 33.40 | 1.806 | 1.494 | 2.223 |
| STROKE | 30 | 33.50 | 1.808 | 1.496 | 2.226 |
| STROKE | 30 | 33.60 | 1.81  | 1.497 | 2.228 |
| STROKE | 30 | 33.70 | 1.813 | 1.499 | 2.231 |
| STROKE | 30 | 33.80 | 1.815 | 1.501 | 2.233 |
| STROKE | 30 | 33.90 | 1.818 | 1.502 | 2.236 |
| STROKE | 30 | 34.00 | 1.82  | 1.504 | 2.238 |
| STROKE | 30 | 34.10 | 1.822 | 1.506 | 2.241 |
| STROKE | 30 | 34.20 | 1.825 | 1.507 | 2.244 |
| STROKE | 30 | 34.30 | 1.827 | 1.509 | 2.247 |
| STROKE | 30 | 34.40 | 1.83  | 1.511 | 2.25  |
| STROKE | 30 | 34.50 | 1.832 | 1.512 | 2.253 |
| STROKE | 30 | 34.60 | 1.834 | 1.514 | 2.256 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 34.70 | 1.837 | 1.516 | 2.26  |
| STROKE | 30 | 34.80 | 1.839 | 1.518 | 2.263 |
| STROKE | 30 | 34.90 | 1.841 | 1.519 | 2.266 |
| STROKE | 30 | 35.00 | 1.844 | 1.521 | 2.269 |
| STROKE | 30 | 35.10 | 1.846 | 1.523 | 2.272 |
| STROKE | 30 | 35.20 | 1.849 | 1.524 | 2.275 |
| STROKE | 30 | 35.30 | 1.851 | 1.526 | 2.278 |
| STROKE | 30 | 35.40 | 1.853 | 1.527 | 2.282 |
| STROKE | 30 | 35.50 | 1.856 | 1.529 | 2.285 |
| STROKE | 30 | 35.60 | 1.858 | 1.53  | 2.288 |
| STROKE | 30 | 35.70 | 1.86  | 1.532 | 2.292 |
| STROKE | 30 | 35.80 | 1.863 | 1.533 | 2.295 |
| STROKE | 30 | 35.90 | 1.865 | 1.535 | 2.298 |
| STROKE | 30 | 36.00 | 1.867 | 1.536 | 2.301 |
| STROKE | 30 | 36.10 | 1.87  | 1.538 | 2.304 |
| STROKE | 30 | 36.20 | 1.872 | 1.54  | 2.307 |
| STROKE | 30 | 36.30 | 1.874 | 1.541 | 2.31  |
| STROKE | 30 | 36.40 | 1.877 | 1.543 | 2.313 |
| STROKE | 30 | 36.50 | 1.879 | 1.545 | 2.316 |
| STROKE | 30 | 36.60 | 1.882 | 1.547 | 2.319 |
| STROKE | 30 | 36.70 | 1.884 | 1.549 | 2.322 |
| STROKE | 30 | 36.80 | 1.886 | 1.55  | 2.325 |
| STROKE | 30 | 36.90 | 1.889 | 1.552 | 2.328 |
| STROKE | 30 | 37.00 | 1.891 | 1.554 | 2.331 |
| STROKE | 30 | 37.10 | 1.893 | 1.556 | 2.333 |
| STROKE | 30 | 37.20 | 1.896 | 1.558 | 2.335 |
| STROKE | 30 | 37.30 | 1.898 | 1.559 | 2.337 |
| STROKE | 30 | 37.40 | 1.9   | 1.561 | 2.339 |
| STROKE | 30 | 37.50 | 1.903 | 1.563 | 2.341 |
| STROKE | 30 | 37.60 | 1.905 | 1.565 | 2.343 |
| STROKE | 30 | 37.70 | 1.907 | 1.566 | 2.345 |
| STROKE | 30 | 37.80 | 1.91  | 1.568 | 2.347 |
| STROKE | 30 | 37.90 | 1.912 | 1.57  | 2.349 |
| STROKE | 30 | 38.00 | 1.914 | 1.572 | 2.351 |
| STROKE | 30 | 38.10 | 1.916 | 1.573 | 2.354 |
| STROKE | 30 | 38.20 | 1.919 | 1.575 | 2.356 |
| STROKE | 30 | 38.30 | 1.921 | 1.577 | 2.359 |
| STROKE | 30 | 38.40 | 1.923 | 1.578 | 2.361 |
| STROKE | 30 | 38.50 | 1.926 | 1.58  | 2.364 |
| STROKE | 30 | 38.60 | 1.928 | 1.581 | 2.366 |
| STROKE | 30 | 38.70 | 1.93  | 1.583 | 2.369 |
| STROKE | 30 | 38.80 | 1.933 | 1.585 | 2.371 |
| STROKE | 30 | 38.90 | 1.935 | 1.586 | 2.374 |
| STROKE | 30 | 39.00 | 1.937 | 1.588 | 2.376 |
| STROKE | 30 | 39.10 | 1.94  | 1.589 | 2.379 |
| STROKE | 30 | 39.20 | 1.942 | 1.591 | 2.382 |
| STROKE | 30 | 39.30 | 1.944 | 1.592 | 2.385 |
| STROKE | 30 | 39.40 | 1.946 | 1.594 | 2.388 |
| STROKE | 30 | 39.50 | 1.949 | 1.595 | 2.391 |
| STROKE | 30 | 39.60 | 1.951 | 1.597 | 2.395 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 39.70 | 1.953 | 1.598 | 2.398 |
| STROKE | 30 | 39.80 | 1.956 | 1.6   | 2.401 |
| STROKE | 30 | 39.90 | 1.958 | 1.601 | 2.404 |
| STROKE | 30 | 40.00 | 1.96  | 1.603 | 2.407 |
| STROKE | 30 | 40.10 | 1.962 | 1.605 | 2.41  |
| STROKE | 30 | 40.20 | 1.965 | 1.607 | 2.413 |
| STROKE | 30 | 40.30 | 1.967 | 1.608 | 2.416 |
| STROKE | 30 | 40.40 | 1.969 | 1.61  | 2.419 |
| STROKE | 30 | 40.50 | 1.972 | 1.612 | 2.422 |
| STROKE | 30 | 40.60 | 1.974 | 1.614 | 2.425 |
| STROKE | 30 | 40.70 | 1.976 | 1.616 | 2.428 |
| STROKE | 30 | 40.80 | 1.978 | 1.618 | 2.431 |
| STROKE | 30 | 40.90 | 1.981 | 1.619 | 2.434 |
| STROKE | 30 | 41.00 | 1.983 | 1.621 | 2.437 |
| STROKE | 30 | 41.10 | 1.985 | 1.623 | 2.44  |
| STROKE | 30 | 41.20 | 1.987 | 1.625 | 2.443 |
| STROKE | 30 | 41.30 | 1.99  | 1.627 | 2.446 |
| STROKE | 30 | 41.40 | 1.992 | 1.628 | 2.449 |
| STROKE | 30 | 41.50 | 1.994 | 1.63  | 2.452 |
| STROKE | 30 | 41.60 | 1.996 | 1.632 | 2.455 |
| STROKE | 30 | 41.70 | 1.999 | 1.634 | 2.458 |
| STROKE | 30 | 41.80 | 2.001 | 1.636 | 2.461 |
| STROKE | 30 | 41.90 | 2.003 | 1.638 | 2.464 |
| STROKE | 30 | 42.00 | 2.005 | 1.639 | 2.467 |
| STROKE | 30 | 42.10 | 2.008 | 1.641 | 2.47  |
| STROKE | 30 | 42.20 | 2.01  | 1.643 | 2.473 |
| STROKE | 30 | 42.30 | 2.012 | 1.645 | 2.476 |
| STROKE | 30 | 42.40 | 2.014 | 1.646 | 2.479 |
| STROKE | 30 | 42.50 | 2.017 | 1.648 | 2.482 |
| STROKE | 30 | 42.60 | 2.019 | 1.65  | 2.485 |
| STROKE | 30 | 42.70 | 2.021 | 1.652 | 2.488 |
| STROKE | 30 | 42.80 | 2.023 | 1.653 | 2.491 |
| STROKE | 30 | 42.90 | 2.026 | 1.655 | 2.494 |
| STROKE | 30 | 43.00 | 2.028 | 1.657 | 2.496 |
| STROKE | 30 | 43.10 | 2.03  | 1.658 | 2.499 |
| STROKE | 30 | 43.20 | 2.032 | 1.66  | 2.502 |
| STROKE | 30 | 43.30 | 2.034 | 1.661 | 2.505 |
| STROKE | 30 | 43.40 | 2.037 | 1.663 | 2.508 |
| STROKE | 30 | 43.50 | 2.039 | 1.664 | 2.511 |
| STROKE | 30 | 43.60 | 2.041 | 1.666 | 2.514 |
| STROKE | 30 | 43.70 | 2.043 | 1.668 | 2.517 |
| STROKE | 30 | 43.80 | 2.045 | 1.669 | 2.52  |
| STROKE | 30 | 43.90 | 2.048 | 1.671 | 2.523 |
| STROKE | 30 | 44.00 | 2.05  | 1.672 | 2.525 |
| STROKE | 30 | 44.10 | 2.052 | 1.674 | 2.526 |
| STROKE | 30 | 44.20 | 2.054 | 1.675 | 2.527 |
| STROKE | 30 | 44.30 | 2.056 | 1.677 | 2.527 |
| STROKE | 30 | 44.40 | 2.059 | 1.678 | 2.528 |
| STROKE | 30 | 44.50 | 2.061 | 1.68  | 2.529 |
| STROKE | 30 | 44.60 | 2.063 | 1.681 | 2.529 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 44.70 | 2.065 | 1.683 | 2.53  |
| STROKE | 30 | 44.80 | 2.067 | 1.684 | 2.531 |
| STROKE | 30 | 44.90 | 2.07  | 1.686 | 2.531 |
| STROKE | 30 | 45.00 | 2.072 | 1.687 | 2.532 |
| STROKE | 30 | 45.10 | 2.074 | 1.689 | 2.534 |
| STROKE | 30 | 45.20 | 2.076 | 1.69  | 2.537 |
| STROKE | 30 | 45.30 | 2.078 | 1.692 | 2.539 |
| STROKE | 30 | 45.40 | 2.081 | 1.693 | 2.542 |
| STROKE | 30 | 45.50 | 2.083 | 1.695 | 2.544 |
| STROKE | 30 | 45.60 | 2.085 | 1.696 | 2.547 |
| STROKE | 30 | 45.70 | 2.087 | 1.698 | 2.549 |
| STROKE | 30 | 45.80 | 2.089 | 1.699 | 2.552 |
| STROKE | 30 | 45.90 | 2.091 | 1.7   | 2.554 |
| STROKE | 30 | 46.00 | 2.094 | 1.702 | 2.557 |
| STROKE | 30 | 46.10 | 2.096 | 1.703 | 2.56  |
| STROKE | 30 | 46.20 | 2.098 | 1.705 | 2.563 |
| STROKE | 30 | 46.30 | 2.1   | 1.706 | 2.566 |
| STROKE | 30 | 46.40 | 2.102 | 1.708 | 2.57  |
| STROKE | 30 | 46.50 | 2.104 | 1.709 | 2.573 |
| STROKE | 30 | 46.60 | 2.106 | 1.711 | 2.576 |
| STROKE | 30 | 46.70 | 2.109 | 1.712 | 2.579 |
| STROKE | 30 | 46.80 | 2.111 | 1.714 | 2.583 |
| STROKE | 30 | 46.90 | 2.113 | 1.715 | 2.586 |
| STROKE | 30 | 47.00 | 2.115 | 1.717 | 2.589 |
| STROKE | 30 | 47.10 | 2.117 | 1.718 | 2.592 |
| STROKE | 30 | 47.20 | 2.119 | 1.72  | 2.596 |
| STROKE | 30 | 47.30 | 2.121 | 1.721 | 2.599 |
| STROKE | 30 | 47.40 | 2.124 | 1.723 | 2.602 |
| STROKE | 30 | 47.50 | 2.126 | 1.724 | 2.605 |
| STROKE | 30 | 47.60 | 2.128 | 1.726 | 2.608 |
| STROKE | 30 | 47.70 | 2.13  | 1.728 | 2.612 |
| STROKE | 30 | 47.80 | 2.132 | 1.729 | 2.615 |
| STROKE | 30 | 47.90 | 2.134 | 1.731 | 2.618 |
| STROKE | 30 | 48.00 | 2.136 | 1.732 | 2.621 |
| STROKE | 30 | 48.10 | 2.138 | 1.734 | 2.623 |
| STROKE | 30 | 48.20 | 2.141 | 1.736 | 2.625 |
| STROKE | 30 | 48.30 | 2.143 | 1.737 | 2.627 |
| STROKE | 30 | 48.40 | 2.145 | 1.739 | 2.629 |
| STROKE | 30 | 48.50 | 2.147 | 1.741 | 2.631 |
| STROKE | 30 | 48.60 | 2.149 | 1.743 | 2.633 |
| STROKE | 30 | 48.70 | 2.151 | 1.744 | 2.635 |
| STROKE | 30 | 48.80 | 2.153 | 1.746 | 2.637 |
| STROKE | 30 | 48.90 | 2.155 | 1.748 | 2.639 |
| STROKE | 30 | 49.00 | 2.157 | 1.749 | 2.641 |
| STROKE | 30 | 49.10 | 2.16  | 1.751 | 2.643 |
| STROKE | 30 | 49.20 | 2.162 | 1.753 | 2.645 |
| STROKE | 30 | 49.30 | 2.164 | 1.754 | 2.647 |
| STROKE | 30 | 49.40 | 2.166 | 1.756 | 2.649 |
| STROKE | 30 | 49.50 | 2.168 | 1.757 | 2.651 |
| STROKE | 30 | 49.60 | 2.17  | 1.759 | 2.653 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 30 | 49.70 | 2.172 | 1.76  | 2.655 |
| STROKE | 30 | 49.80 | 2.174 | 1.762 | 2.657 |
| STROKE | 30 | 49.90 | 2.176 | 1.763 | 2.659 |
| STROKE | 35 | 0.00  | 1     | 1     | 1     |
| STROKE | 35 | 0.10  | 1     | 1     | 1     |
| STROKE | 35 | 0.20  | 1     | 1     | 1     |
| STROKE | 35 | 0.30  | 1     | 1     | 1     |
| STROKE | 35 | 0.40  | 1     | 1     | 1     |
| STROKE | 35 | 0.50  | 1     | 1     | 1     |
| STROKE | 35 | 0.60  | 1     | 1     | 1     |
| STROKE | 35 | 0.70  | 1     | 1     | 1     |
| STROKE | 35 | 0.80  | 1     | 1     | 1     |
| STROKE | 35 | 0.90  | 1     | 1     | 1     |
| STROKE | 35 | 1.00  | 1     | 1     | 1     |
| STROKE | 35 | 1.10  | 1     | 1     | 1     |
| STROKE | 35 | 1.20  | 1     | 1     | 1     |
| STROKE | 35 | 1.30  | 1     | 1     | 1     |
| STROKE | 35 | 1.40  | 1     | 1     | 1     |
| STROKE | 35 | 1.50  | 1     | 1     | 1     |
| STROKE | 35 | 1.60  | 1     | 1     | 1     |
| STROKE | 35 | 1.70  | 1     | 1     | 1     |
| STROKE | 35 | 1.80  | 1     | 1     | 1     |
| STROKE | 35 | 1.90  | 1     | 1     | 1     |
| STROKE | 35 | 2.00  | 1.001 | 1     | 1     |
| STROKE | 35 | 2.10  | 1.001 | 1     | 1     |
| STROKE | 35 | 2.20  | 1.001 | 1     | 1.005 |
| STROKE | 35 | 2.30  | 1.001 | 1     | 1.01  |
| STROKE | 35 | 2.40  | 1.001 | 1     | 1.014 |
| STROKE | 35 | 2.50  | 1.001 | 1     | 1.019 |
| STROKE | 35 | 2.60  | 1.002 | 1     | 1.023 |
| STROKE | 35 | 2.70  | 1.002 | 1     | 1.028 |
| STROKE | 35 | 2.80  | 1.002 | 1     | 1.033 |
| STROKE | 35 | 2.90  | 1.003 | 1     | 1.037 |
| STROKE | 35 | 3.00  | 1.003 | 1     | 1.042 |
| STROKE | 35 | 3.10  | 1.004 | 1     | 1.046 |
| STROKE | 35 | 3.20  | 1.004 | 1     | 1.051 |
| STROKE | 35 | 3.30  | 1.005 | 1     | 1.056 |
| STROKE | 35 | 3.40  | 1.005 | 1     | 1.061 |
| STROKE | 35 | 3.50  | 1.006 | 1     | 1.067 |
| STROKE | 35 | 3.60  | 1.007 | 1     | 1.073 |
| STROKE | 35 | 3.70  | 1.008 | 1     | 1.077 |
| STROKE | 35 | 3.80  | 1.009 | 1     | 1.081 |
| STROKE | 35 | 3.90  | 1.01  | 1     | 1.086 |
| STROKE | 35 | 4.00  | 1.011 | 1     | 1.09  |
| STROKE | 35 | 4.10  | 1.012 | 1     | 1.094 |
| STROKE | 35 | 4.20  | 1.013 | 1     | 1.099 |
| STROKE | 35 | 4.30  | 1.014 | 1     | 1.104 |
| STROKE | 35 | 4.40  | 1.016 | 1     | 1.108 |
| STROKE | 35 | 4.50  | 1.017 | 1     | 1.113 |
| STROKE | 35 | 4.60  | 1.018 | 1     | 1.117 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 35 | 4.70 | 1.02  | 1     | 1.122 |
| STROKE | 35 | 4.80 | 1.022 | 1     | 1.126 |
| STROKE | 35 | 4.90 | 1.023 | 1     | 1.13  |
| STROKE | 35 | 5.00 | 1.025 | 1     | 1.134 |
| STROKE | 35 | 5.10 | 1.026 | 1     | 1.139 |
| STROKE | 35 | 5.20 | 1.028 | 1     | 1.143 |
| STROKE | 35 | 5.30 | 1.03  | 1     | 1.147 |
| STROKE | 35 | 5.40 | 1.032 | 1     | 1.151 |
| STROKE | 35 | 5.50 | 1.034 | 1     | 1.155 |
| STROKE | 35 | 5.60 | 1.036 | 1     | 1.159 |
| STROKE | 35 | 5.70 | 1.038 | 1     | 1.163 |
| STROKE | 35 | 5.80 | 1.039 | 1     | 1.167 |
| STROKE | 35 | 5.90 | 1.041 | 1     | 1.172 |
| STROKE | 35 | 6.00 | 1.044 | 1     | 1.176 |
| STROKE | 35 | 6.10 | 1.046 | 1     | 1.18  |
| STROKE | 35 | 6.20 | 1.048 | 1     | 1.184 |
| STROKE | 35 | 6.30 | 1.05  | 1     | 1.188 |
| STROKE | 35 | 6.40 | 1.052 | 1     | 1.193 |
| STROKE | 35 | 6.50 | 1.054 | 1     | 1.197 |
| STROKE | 35 | 6.60 | 1.056 | 1     | 1.201 |
| STROKE | 35 | 6.70 | 1.059 | 1     | 1.205 |
| STROKE | 35 | 6.80 | 1.061 | 1     | 1.209 |
| STROKE | 35 | 6.90 | 1.063 | 1     | 1.213 |
| STROKE | 35 | 7.00 | 1.066 | 1     | 1.217 |
| STROKE | 35 | 7.10 | 1.068 | 1     | 1.221 |
| STROKE | 35 | 7.20 | 1.07  | 1     | 1.225 |
| STROKE | 35 | 7.30 | 1.073 | 1     | 1.23  |
| STROKE | 35 | 7.40 | 1.075 | 1     | 1.234 |
| STROKE | 35 | 7.50 | 1.078 | 1     | 1.238 |
| STROKE | 35 | 7.60 | 1.08  | 1     | 1.242 |
| STROKE | 35 | 7.70 | 1.082 | 1     | 1.246 |
| STROKE | 35 | 7.80 | 1.085 | 1     | 1.25  |
| STROKE | 35 | 7.90 | 1.087 | 1     | 1.254 |
| STROKE | 35 | 8.00 | 1.09  | 1     | 1.258 |
| STROKE | 35 | 8.10 | 1.092 | 1     | 1.262 |
| STROKE | 35 | 8.20 | 1.095 | 1     | 1.266 |
| STROKE | 35 | 8.30 | 1.097 | 1     | 1.27  |
| STROKE | 35 | 8.40 | 1.1   | 1     | 1.274 |
| STROKE | 35 | 8.50 | 1.102 | 1     | 1.278 |
| STROKE | 35 | 8.60 | 1.105 | 1     | 1.282 |
| STROKE | 35 | 8.70 | 1.108 | 1     | 1.286 |
| STROKE | 35 | 8.80 | 1.11  | 1.001 | 1.29  |
| STROKE | 35 | 8.90 | 1.113 | 1.003 | 1.294 |
| STROKE | 35 | 9.00 | 1.115 | 1.005 | 1.298 |
| STROKE | 35 | 9.10 | 1.118 | 1.006 | 1.302 |
| STROKE | 35 | 9.20 | 1.12  | 1.008 | 1.305 |
| STROKE | 35 | 9.30 | 1.123 | 1.01  | 1.309 |
| STROKE | 35 | 9.40 | 1.125 | 1.012 | 1.313 |
| STROKE | 35 | 9.50 | 1.128 | 1.013 | 1.317 |
| STROKE | 35 | 9.60 | 1.13  | 1.015 | 1.32  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 9.70  | 1.133 | 1.017 | 1.324 |
| STROKE | 35 | 9.80  | 1.136 | 1.018 | 1.328 |
| STROKE | 35 | 9.90  | 1.138 | 1.02  | 1.332 |
| STROKE | 35 | 10.00 | 1.141 | 1.022 | 1.336 |
| STROKE | 35 | 10.10 | 1.143 | 1.024 | 1.339 |
| STROKE | 35 | 10.20 | 1.146 | 1.025 | 1.343 |
| STROKE | 35 | 10.30 | 1.148 | 1.027 | 1.347 |
| STROKE | 35 | 10.40 | 1.151 | 1.029 | 1.35  |
| STROKE | 35 | 10.50 | 1.153 | 1.031 | 1.354 |
| STROKE | 35 | 10.60 | 1.156 | 1.032 | 1.358 |
| STROKE | 35 | 10.70 | 1.158 | 1.034 | 1.361 |
| STROKE | 35 | 10.80 | 1.161 | 1.036 | 1.365 |
| STROKE | 35 | 10.90 | 1.163 | 1.038 | 1.369 |
| STROKE | 35 | 11.00 | 1.166 | 1.039 | 1.372 |
| STROKE | 35 | 11.10 | 1.168 | 1.041 | 1.376 |
| STROKE | 35 | 11.20 | 1.171 | 1.043 | 1.379 |
| STROKE | 35 | 11.30 | 1.173 | 1.044 | 1.383 |
| STROKE | 35 | 11.40 | 1.176 | 1.046 | 1.387 |
| STROKE | 35 | 11.50 | 1.178 | 1.048 | 1.39  |
| STROKE | 35 | 11.60 | 1.181 | 1.049 | 1.394 |
| STROKE | 35 | 11.70 | 1.183 | 1.051 | 1.397 |
| STROKE | 35 | 11.80 | 1.186 | 1.053 | 1.401 |
| STROKE | 35 | 11.90 | 1.188 | 1.054 | 1.405 |
| STROKE | 35 | 12.00 | 1.191 | 1.056 | 1.408 |
| STROKE | 35 | 12.10 | 1.193 | 1.058 | 1.412 |
| STROKE | 35 | 12.20 | 1.196 | 1.06  | 1.415 |
| STROKE | 35 | 12.30 | 1.198 | 1.061 | 1.419 |
| STROKE | 35 | 12.40 | 1.201 | 1.063 | 1.422 |
| STROKE | 35 | 12.50 | 1.203 | 1.065 | 1.426 |
| STROKE | 35 | 12.60 | 1.206 | 1.066 | 1.43  |
| STROKE | 35 | 12.70 | 1.208 | 1.068 | 1.433 |
| STROKE | 35 | 12.80 | 1.211 | 1.07  | 1.437 |
| STROKE | 35 | 12.90 | 1.213 | 1.072 | 1.44  |
| STROKE | 35 | 13.00 | 1.216 | 1.073 | 1.444 |
| STROKE | 35 | 13.10 | 1.218 | 1.075 | 1.447 |
| STROKE | 35 | 13.20 | 1.221 | 1.077 | 1.451 |
| STROKE | 35 | 13.30 | 1.223 | 1.078 | 1.454 |
| STROKE | 35 | 13.40 | 1.226 | 1.08  | 1.458 |
| STROKE | 35 | 13.50 | 1.228 | 1.082 | 1.461 |
| STROKE | 35 | 13.60 | 1.231 | 1.084 | 1.465 |
| STROKE | 35 | 13.70 | 1.233 | 1.085 | 1.468 |
| STROKE | 35 | 13.80 | 1.235 | 1.087 | 1.472 |
| STROKE | 35 | 13.90 | 1.238 | 1.089 | 1.475 |
| STROKE | 35 | 14.00 | 1.24  | 1.09  | 1.479 |
| STROKE | 35 | 14.10 | 1.243 | 1.092 | 1.482 |
| STROKE | 35 | 14.20 | 1.245 | 1.094 | 1.486 |
| STROKE | 35 | 14.30 | 1.248 | 1.096 | 1.489 |
| STROKE | 35 | 14.40 | 1.25  | 1.097 | 1.492 |
| STROKE | 35 | 14.50 | 1.253 | 1.099 | 1.496 |
| STROKE | 35 | 14.60 | 1.255 | 1.101 | 1.499 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 14.70 | 1.257 | 1.102 | 1.503 |
| STROKE | 35 | 14.80 | 1.26  | 1.104 | 1.506 |
| STROKE | 35 | 14.90 | 1.262 | 1.106 | 1.509 |
| STROKE | 35 | 15.00 | 1.265 | 1.107 | 1.513 |
| STROKE | 35 | 15.10 | 1.267 | 1.109 | 1.516 |
| STROKE | 35 | 15.20 | 1.27  | 1.11  | 1.519 |
| STROKE | 35 | 15.30 | 1.272 | 1.112 | 1.523 |
| STROKE | 35 | 15.40 | 1.274 | 1.113 | 1.526 |
| STROKE | 35 | 15.50 | 1.277 | 1.115 | 1.529 |
| STROKE | 35 | 15.60 | 1.279 | 1.116 | 1.533 |
| STROKE | 35 | 15.70 | 1.282 | 1.118 | 1.536 |
| STROKE | 35 | 15.80 | 1.284 | 1.119 | 1.539 |
| STROKE | 35 | 15.90 | 1.286 | 1.12  | 1.543 |
| STROKE | 35 | 16.00 | 1.289 | 1.122 | 1.546 |
| STROKE | 35 | 16.10 | 1.291 | 1.123 | 1.549 |
| STROKE | 35 | 16.20 | 1.294 | 1.125 | 1.552 |
| STROKE | 35 | 16.30 | 1.296 | 1.127 | 1.556 |
| STROKE | 35 | 16.40 | 1.298 | 1.128 | 1.559 |
| STROKE | 35 | 16.50 | 1.301 | 1.13  | 1.562 |
| STROKE | 35 | 16.60 | 1.303 | 1.132 | 1.565 |
| STROKE | 35 | 16.70 | 1.306 | 1.133 | 1.569 |
| STROKE | 35 | 16.80 | 1.308 | 1.135 | 1.572 |
| STROKE | 35 | 16.90 | 1.31  | 1.136 | 1.575 |
| STROKE | 35 | 17.00 | 1.313 | 1.138 | 1.578 |
| STROKE | 35 | 17.10 | 1.315 | 1.14  | 1.582 |
| STROKE | 35 | 17.20 | 1.317 | 1.141 | 1.585 |
| STROKE | 35 | 17.30 | 1.32  | 1.143 | 1.588 |
| STROKE | 35 | 17.40 | 1.322 | 1.145 | 1.591 |
| STROKE | 35 | 17.50 | 1.325 | 1.147 | 1.594 |
| STROKE | 35 | 17.60 | 1.327 | 1.148 | 1.597 |
| STROKE | 35 | 17.70 | 1.329 | 1.15  | 1.6   |
| STROKE | 35 | 17.80 | 1.332 | 1.152 | 1.603 |
| STROKE | 35 | 17.90 | 1.334 | 1.154 | 1.606 |
| STROKE | 35 | 18.00 | 1.336 | 1.155 | 1.609 |
| STROKE | 35 | 18.10 | 1.339 | 1.157 | 1.612 |
| STROKE | 35 | 18.20 | 1.341 | 1.159 | 1.615 |
| STROKE | 35 | 18.30 | 1.343 | 1.16  | 1.618 |
| STROKE | 35 | 18.40 | 1.346 | 1.162 | 1.62  |
| STROKE | 35 | 18.50 | 1.348 | 1.164 | 1.623 |
| STROKE | 35 | 18.60 | 1.35  | 1.166 | 1.626 |
| STROKE | 35 | 18.70 | 1.353 | 1.167 | 1.629 |
| STROKE | 35 | 18.80 | 1.355 | 1.169 | 1.631 |
| STROKE | 35 | 18.90 | 1.357 | 1.171 | 1.634 |
| STROKE | 35 | 19.00 | 1.36  | 1.173 | 1.637 |
| STROKE | 35 | 19.10 | 1.362 | 1.174 | 1.64  |
| STROKE | 35 | 19.20 | 1.364 | 1.176 | 1.642 |
| STROKE | 35 | 19.30 | 1.367 | 1.178 | 1.645 |
| STROKE | 35 | 19.40 | 1.369 | 1.18  | 1.648 |
| STROKE | 35 | 19.50 | 1.371 | 1.181 | 1.651 |
| STROKE | 35 | 19.60 | 1.374 | 1.183 | 1.653 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 19.70 | 1.376 | 1.185 | 1.656 |
| STROKE | 35 | 19.80 | 1.378 | 1.186 | 1.659 |
| STROKE | 35 | 19.90 | 1.381 | 1.188 | 1.662 |
| STROKE | 35 | 20.00 | 1.383 | 1.19  | 1.664 |
| STROKE | 35 | 20.10 | 1.385 | 1.192 | 1.667 |
| STROKE | 35 | 20.20 | 1.388 | 1.193 | 1.67  |
| STROKE | 35 | 20.30 | 1.39  | 1.195 | 1.673 |
| STROKE | 35 | 20.40 | 1.392 | 1.197 | 1.676 |
| STROKE | 35 | 20.50 | 1.395 | 1.198 | 1.679 |
| STROKE | 35 | 20.60 | 1.397 | 1.2   | 1.681 |
| STROKE | 35 | 20.70 | 1.399 | 1.202 | 1.684 |
| STROKE | 35 | 20.80 | 1.402 | 1.203 | 1.687 |
| STROKE | 35 | 20.90 | 1.404 | 1.205 | 1.69  |
| STROKE | 35 | 21.00 | 1.406 | 1.207 | 1.693 |
| STROKE | 35 | 21.10 | 1.408 | 1.208 | 1.696 |
| STROKE | 35 | 21.20 | 1.411 | 1.21  | 1.698 |
| STROKE | 35 | 21.30 | 1.413 | 1.212 | 1.701 |
| STROKE | 35 | 21.40 | 1.415 | 1.213 | 1.704 |
| STROKE | 35 | 21.50 | 1.418 | 1.215 | 1.707 |
| STROKE | 35 | 21.60 | 1.42  | 1.217 | 1.709 |
| STROKE | 35 | 21.70 | 1.422 | 1.219 | 1.712 |
| STROKE | 35 | 21.80 | 1.425 | 1.22  | 1.715 |
| STROKE | 35 | 21.90 | 1.427 | 1.222 | 1.718 |
| STROKE | 35 | 22.00 | 1.429 | 1.224 | 1.72  |
| STROKE | 35 | 22.10 | 1.431 | 1.225 | 1.723 |
| STROKE | 35 | 22.20 | 1.434 | 1.227 | 1.726 |
| STROKE | 35 | 22.30 | 1.436 | 1.229 | 1.728 |
| STROKE | 35 | 22.40 | 1.438 | 1.231 | 1.731 |
| STROKE | 35 | 22.50 | 1.44  | 1.232 | 1.734 |
| STROKE | 35 | 22.60 | 1.443 | 1.234 | 1.736 |
| STROKE | 35 | 22.70 | 1.445 | 1.236 | 1.739 |
| STROKE | 35 | 22.80 | 1.447 | 1.237 | 1.742 |
| STROKE | 35 | 22.90 | 1.45  | 1.239 | 1.744 |
| STROKE | 35 | 23.00 | 1.452 | 1.241 | 1.747 |
| STROKE | 35 | 23.10 | 1.454 | 1.242 | 1.75  |
| STROKE | 35 | 23.20 | 1.456 | 1.244 | 1.752 |
| STROKE | 35 | 23.30 | 1.459 | 1.246 | 1.755 |
| STROKE | 35 | 23.40 | 1.461 | 1.248 | 1.758 |
| STROKE | 35 | 23.50 | 1.463 | 1.249 | 1.76  |
| STROKE | 35 | 23.60 | 1.465 | 1.251 | 1.763 |
| STROKE | 35 | 23.70 | 1.468 | 1.253 | 1.765 |
| STROKE | 35 | 23.80 | 1.47  | 1.254 | 1.768 |
| STROKE | 35 | 23.90 | 1.472 | 1.256 | 1.771 |
| STROKE | 35 | 24.00 | 1.474 | 1.258 | 1.773 |
| STROKE | 35 | 24.10 | 1.477 | 1.259 | 1.777 |
| STROKE | 35 | 24.20 | 1.479 | 1.261 | 1.78  |
| STROKE | 35 | 24.30 | 1.481 | 1.263 | 1.783 |
| STROKE | 35 | 24.40 | 1.483 | 1.264 | 1.786 |
| STROKE | 35 | 24.50 | 1.486 | 1.266 | 1.79  |
| STROKE | 35 | 24.60 | 1.488 | 1.268 | 1.793 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 24.70 | 1.49  | 1.269 | 1.796 |
| STROKE | 35 | 24.80 | 1.492 | 1.271 | 1.8   |
| STROKE | 35 | 24.90 | 1.495 | 1.273 | 1.803 |
| STROKE | 35 | 25.00 | 1.497 | 1.275 | 1.806 |
| STROKE | 35 | 25.10 | 1.499 | 1.276 | 1.809 |
| STROKE | 35 | 25.20 | 1.501 | 1.277 | 1.812 |
| STROKE | 35 | 25.30 | 1.503 | 1.279 | 1.815 |
| STROKE | 35 | 25.40 | 1.506 | 1.28  | 1.818 |
| STROKE | 35 | 25.50 | 1.508 | 1.282 | 1.82  |
| STROKE | 35 | 25.60 | 1.51  | 1.283 | 1.823 |
| STROKE | 35 | 25.70 | 1.512 | 1.285 | 1.826 |
| STROKE | 35 | 25.80 | 1.515 | 1.286 | 1.829 |
| STROKE | 35 | 25.90 | 1.517 | 1.287 | 1.832 |
| STROKE | 35 | 26.00 | 1.519 | 1.289 | 1.834 |
| STROKE | 35 | 26.10 | 1.521 | 1.291 | 1.837 |
| STROKE | 35 | 26.20 | 1.523 | 1.292 | 1.84  |
| STROKE | 35 | 26.30 | 1.526 | 1.294 | 1.843 |
| STROKE | 35 | 26.40 | 1.528 | 1.296 | 1.845 |
| STROKE | 35 | 26.50 | 1.53  | 1.298 | 1.848 |
| STROKE | 35 | 26.60 | 1.532 | 1.299 | 1.851 |
| STROKE | 35 | 26.70 | 1.534 | 1.301 | 1.853 |
| STROKE | 35 | 26.80 | 1.537 | 1.303 | 1.856 |
| STROKE | 35 | 26.90 | 1.539 | 1.304 | 1.859 |
| STROKE | 35 | 27.00 | 1.541 | 1.306 | 1.861 |
| STROKE | 35 | 27.10 | 1.543 | 1.308 | 1.864 |
| STROKE | 35 | 27.20 | 1.545 | 1.31  | 1.866 |
| STROKE | 35 | 27.30 | 1.548 | 1.311 | 1.868 |
| STROKE | 35 | 27.40 | 1.55  | 1.313 | 1.87  |
| STROKE | 35 | 27.50 | 1.552 | 1.315 | 1.872 |
| STROKE | 35 | 27.60 | 1.554 | 1.316 | 1.874 |
| STROKE | 35 | 27.70 | 1.556 | 1.318 | 1.876 |
| STROKE | 35 | 27.80 | 1.559 | 1.32  | 1.879 |
| STROKE | 35 | 27.90 | 1.561 | 1.321 | 1.881 |
| STROKE | 35 | 28.00 | 1.563 | 1.323 | 1.883 |
| STROKE | 35 | 28.10 | 1.565 | 1.325 | 1.885 |
| STROKE | 35 | 28.20 | 1.567 | 1.326 | 1.887 |
| STROKE | 35 | 28.30 | 1.57  | 1.328 | 1.89  |
| STROKE | 35 | 28.40 | 1.572 | 1.329 | 1.892 |
| STROKE | 35 | 28.50 | 1.574 | 1.331 | 1.894 |
| STROKE | 35 | 28.60 | 1.576 | 1.332 | 1.897 |
| STROKE | 35 | 28.70 | 1.578 | 1.334 | 1.899 |
| STROKE | 35 | 28.80 | 1.58  | 1.336 | 1.901 |
| STROKE | 35 | 28.90 | 1.583 | 1.337 | 1.904 |
| STROKE | 35 | 29.00 | 1.585 | 1.339 | 1.906 |
| STROKE | 35 | 29.10 | 1.587 | 1.34  | 1.909 |
| STROKE | 35 | 29.20 | 1.589 | 1.342 | 1.912 |
| STROKE | 35 | 29.30 | 1.591 | 1.343 | 1.915 |
| STROKE | 35 | 29.40 | 1.593 | 1.345 | 1.918 |
| STROKE | 35 | 29.50 | 1.596 | 1.347 | 1.921 |
| STROKE | 35 | 29.60 | 1.598 | 1.348 | 1.924 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 29.70 | 1.6   | 1.35  | 1.927 |
| STROKE | 35 | 29.80 | 1.602 | 1.351 | 1.93  |
| STROKE | 35 | 29.90 | 1.604 | 1.353 | 1.933 |
| STROKE | 35 | 30.00 | 1.606 | 1.355 | 1.936 |
| STROKE | 35 | 30.10 | 1.609 | 1.356 | 1.939 |
| STROKE | 35 | 30.20 | 1.611 | 1.358 | 1.941 |
| STROKE | 35 | 30.30 | 1.613 | 1.359 | 1.944 |
| STROKE | 35 | 30.40 | 1.615 | 1.361 | 1.947 |
| STROKE | 35 | 30.50 | 1.617 | 1.362 | 1.95  |
| STROKE | 35 | 30.60 | 1.619 | 1.364 | 1.953 |
| STROKE | 35 | 30.70 | 1.621 | 1.366 | 1.956 |
| STROKE | 35 | 30.80 | 1.624 | 1.367 | 1.958 |
| STROKE | 35 | 30.90 | 1.626 | 1.369 | 1.961 |
| STROKE | 35 | 31.00 | 1.628 | 1.37  | 1.964 |
| STROKE | 35 | 31.10 | 1.63  | 1.372 | 1.967 |
| STROKE | 35 | 31.20 | 1.632 | 1.373 | 1.969 |
| STROKE | 35 | 31.30 | 1.634 | 1.375 | 1.971 |
| STROKE | 35 | 31.40 | 1.636 | 1.377 | 1.974 |
| STROKE | 35 | 31.50 | 1.639 | 1.378 | 1.976 |
| STROKE | 35 | 31.60 | 1.641 | 1.38  | 1.979 |
| STROKE | 35 | 31.70 | 1.643 | 1.381 | 1.981 |
| STROKE | 35 | 31.80 | 1.645 | 1.383 | 1.984 |
| STROKE | 35 | 31.90 | 1.647 | 1.384 | 1.986 |
| STROKE | 35 | 32.00 | 1.649 | 1.386 | 1.988 |
| STROKE | 35 | 32.10 | 1.651 | 1.387 | 1.991 |
| STROKE | 35 | 32.20 | 1.653 | 1.389 | 1.993 |
| STROKE | 35 | 32.30 | 1.656 | 1.39  | 1.995 |
| STROKE | 35 | 32.40 | 1.658 | 1.392 | 1.997 |
| STROKE | 35 | 32.50 | 1.66  | 1.393 | 2     |
| STROKE | 35 | 32.60 | 1.662 | 1.395 | 2.002 |
| STROKE | 35 | 32.70 | 1.664 | 1.397 | 2.004 |
| STROKE | 35 | 32.80 | 1.666 | 1.398 | 2.006 |
| STROKE | 35 | 32.90 | 1.668 | 1.4   | 2.009 |
| STROKE | 35 | 33.00 | 1.67  | 1.401 | 2.011 |
| STROKE | 35 | 33.10 | 1.672 | 1.403 | 2.013 |
| STROKE | 35 | 33.20 | 1.675 | 1.404 | 2.015 |
| STROKE | 35 | 33.30 | 1.677 | 1.406 | 2.018 |
| STROKE | 35 | 33.40 | 1.679 | 1.407 | 2.02  |
| STROKE | 35 | 33.50 | 1.681 | 1.409 | 2.022 |
| STROKE | 35 | 33.60 | 1.683 | 1.41  | 2.025 |
| STROKE | 35 | 33.70 | 1.685 | 1.412 | 2.027 |
| STROKE | 35 | 33.80 | 1.687 | 1.413 | 2.029 |
| STROKE | 35 | 33.90 | 1.689 | 1.415 | 2.032 |
| STROKE | 35 | 34.00 | 1.691 | 1.416 | 2.034 |
| STROKE | 35 | 34.10 | 1.693 | 1.418 | 2.037 |
| STROKE | 35 | 34.20 | 1.695 | 1.419 | 2.04  |
| STROKE | 35 | 34.30 | 1.698 | 1.421 | 2.043 |
| STROKE | 35 | 34.40 | 1.7   | 1.422 | 2.045 |
| STROKE | 35 | 34.50 | 1.702 | 1.424 | 2.048 |
| STROKE | 35 | 34.60 | 1.704 | 1.425 | 2.051 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 34.70 | 1.706 | 1.427 | 2.054 |
| STROKE | 35 | 34.80 | 1.708 | 1.428 | 2.057 |
| STROKE | 35 | 34.90 | 1.71  | 1.43  | 2.06  |
| STROKE | 35 | 35.00 | 1.712 | 1.431 | 2.062 |
| STROKE | 35 | 35.10 | 1.714 | 1.432 | 2.064 |
| STROKE | 35 | 35.20 | 1.716 | 1.434 | 2.066 |
| STROKE | 35 | 35.30 | 1.718 | 1.435 | 2.067 |
| STROKE | 35 | 35.40 | 1.72  | 1.436 | 2.069 |
| STROKE | 35 | 35.50 | 1.723 | 1.437 | 2.07  |
| STROKE | 35 | 35.60 | 1.725 | 1.438 | 2.072 |
| STROKE | 35 | 35.70 | 1.727 | 1.44  | 2.073 |
| STROKE | 35 | 35.80 | 1.729 | 1.441 | 2.075 |
| STROKE | 35 | 35.90 | 1.731 | 1.442 | 2.076 |
| STROKE | 35 | 36.00 | 1.733 | 1.443 | 2.078 |
| STROKE | 35 | 36.10 | 1.735 | 1.445 | 2.08  |
| STROKE | 35 | 36.20 | 1.737 | 1.446 | 2.083 |
| STROKE | 35 | 36.30 | 1.739 | 1.448 | 2.085 |
| STROKE | 35 | 36.40 | 1.741 | 1.449 | 2.088 |
| STROKE | 35 | 36.50 | 1.743 | 1.451 | 2.09  |
| STROKE | 35 | 36.60 | 1.745 | 1.452 | 2.093 |
| STROKE | 35 | 36.70 | 1.747 | 1.454 | 2.095 |
| STROKE | 35 | 36.80 | 1.749 | 1.455 | 2.098 |
| STROKE | 35 | 36.90 | 1.751 | 1.457 | 2.1   |
| STROKE | 35 | 37.00 | 1.753 | 1.458 | 2.103 |
| STROKE | 35 | 37.10 | 1.755 | 1.46  | 2.105 |
| STROKE | 35 | 37.20 | 1.757 | 1.461 | 2.107 |
| STROKE | 35 | 37.30 | 1.759 | 1.462 | 2.11  |
| STROKE | 35 | 37.40 | 1.762 | 1.464 | 2.112 |
| STROKE | 35 | 37.50 | 1.764 | 1.465 | 2.114 |
| STROKE | 35 | 37.60 | 1.766 | 1.467 | 2.117 |
| STROKE | 35 | 37.70 | 1.768 | 1.468 | 2.119 |
| STROKE | 35 | 37.80 | 1.77  | 1.47  | 2.121 |
| STROKE | 35 | 37.90 | 1.772 | 1.471 | 2.124 |
| STROKE | 35 | 38.00 | 1.774 | 1.473 | 2.126 |
| STROKE | 35 | 38.10 | 1.776 | 1.474 | 2.128 |
| STROKE | 35 | 38.20 | 1.778 | 1.476 | 2.131 |
| STROKE | 35 | 38.30 | 1.78  | 1.477 | 2.133 |
| STROKE | 35 | 38.40 | 1.782 | 1.478 | 2.135 |
| STROKE | 35 | 38.50 | 1.784 | 1.48  | 2.137 |
| STROKE | 35 | 38.60 | 1.786 | 1.481 | 2.14  |
| STROKE | 35 | 38.70 | 1.788 | 1.483 | 2.142 |
| STROKE | 35 | 38.80 | 1.79  | 1.484 | 2.144 |
| STROKE | 35 | 38.90 | 1.792 | 1.486 | 2.147 |
| STROKE | 35 | 39.00 | 1.794 | 1.487 | 2.149 |
| STROKE | 35 | 39.10 | 1.796 | 1.489 | 2.152 |
| STROKE | 35 | 39.20 | 1.798 | 1.49  | 2.154 |
| STROKE | 35 | 39.30 | 1.8   | 1.492 | 2.157 |
| STROKE | 35 | 39.40 | 1.802 | 1.493 | 2.159 |
| STROKE | 35 | 39.50 | 1.804 | 1.495 | 2.162 |
| STROKE | 35 | 39.60 | 1.806 | 1.496 | 2.165 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 39.70 | 1.808 | 1.498 | 2.167 |
| STROKE | 35 | 39.80 | 1.81  | 1.499 | 2.17  |
| STROKE | 35 | 39.90 | 1.812 | 1.501 | 2.172 |
| STROKE | 35 | 40.00 | 1.814 | 1.502 | 2.175 |
| STROKE | 35 | 40.10 | 1.816 | 1.503 | 2.178 |
| STROKE | 35 | 40.20 | 1.818 | 1.505 | 2.18  |
| STROKE | 35 | 40.30 | 1.82  | 1.506 | 2.182 |
| STROKE | 35 | 40.40 | 1.822 | 1.508 | 2.185 |
| STROKE | 35 | 40.50 | 1.824 | 1.509 | 2.187 |
| STROKE | 35 | 40.60 | 1.826 | 1.511 | 2.19  |
| STROKE | 35 | 40.70 | 1.828 | 1.512 | 2.192 |
| STROKE | 35 | 40.80 | 1.83  | 1.513 | 2.195 |
| STROKE | 35 | 40.90 | 1.832 | 1.515 | 2.197 |
| STROKE | 35 | 41.00 | 1.834 | 1.516 | 2.2   |
| STROKE | 35 | 41.10 | 1.836 | 1.518 | 2.202 |
| STROKE | 35 | 41.20 | 1.838 | 1.519 | 2.205 |
| STROKE | 35 | 41.30 | 1.84  | 1.521 | 2.208 |
| STROKE | 35 | 41.40 | 1.842 | 1.522 | 2.21  |
| STROKE | 35 | 41.50 | 1.844 | 1.524 | 2.213 |
| STROKE | 35 | 41.60 | 1.846 | 1.525 | 2.216 |
| STROKE | 35 | 41.70 | 1.847 | 1.527 | 2.218 |
| STROKE | 35 | 41.80 | 1.849 | 1.528 | 2.221 |
| STROKE | 35 | 41.90 | 1.851 | 1.53  | 2.223 |
| STROKE | 35 | 42.00 | 1.853 | 1.531 | 2.226 |
| STROKE | 35 | 42.10 | 1.855 | 1.533 | 2.228 |
| STROKE | 35 | 42.20 | 1.857 | 1.534 | 2.231 |
| STROKE | 35 | 42.30 | 1.859 | 1.535 | 2.233 |
| STROKE | 35 | 42.40 | 1.861 | 1.537 | 2.235 |
| STROKE | 35 | 42.50 | 1.863 | 1.538 | 2.237 |
| STROKE | 35 | 42.60 | 1.865 | 1.54  | 2.24  |
| STROKE | 35 | 42.70 | 1.867 | 1.541 | 2.242 |
| STROKE | 35 | 42.80 | 1.869 | 1.543 | 2.244 |
| STROKE | 35 | 42.90 | 1.871 | 1.544 | 2.247 |
| STROKE | 35 | 43.00 | 1.873 | 1.545 | 2.249 |
| STROKE | 35 | 43.10 | 1.875 | 1.547 | 2.251 |
| STROKE | 35 | 43.20 | 1.877 | 1.548 | 2.253 |
| STROKE | 35 | 43.30 | 1.879 | 1.55  | 2.254 |
| STROKE | 35 | 43.40 | 1.881 | 1.551 | 2.256 |
| STROKE | 35 | 43.50 | 1.882 | 1.553 | 2.258 |
| STROKE | 35 | 43.60 | 1.884 | 1.554 | 2.26  |
| STROKE | 35 | 43.70 | 1.886 | 1.555 | 2.262 |
| STROKE | 35 | 43.80 | 1.888 | 1.557 | 2.264 |
| STROKE | 35 | 43.90 | 1.89  | 1.558 | 2.266 |
| STROKE | 35 | 44.00 | 1.892 | 1.56  | 2.267 |
| STROKE | 35 | 44.10 | 1.894 | 1.561 | 2.27  |
| STROKE | 35 | 44.20 | 1.896 | 1.563 | 2.273 |
| STROKE | 35 | 44.30 | 1.898 | 1.564 | 2.276 |
| STROKE | 35 | 44.40 | 1.9   | 1.565 | 2.279 |
| STROKE | 35 | 44.50 | 1.902 | 1.567 | 2.281 |
| STROKE | 35 | 44.60 | 1.904 | 1.568 | 2.284 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 44.70 | 1.905 | 1.57  | 2.287 |
| STROKE | 35 | 44.80 | 1.907 | 1.571 | 2.29  |
| STROKE | 35 | 44.90 | 1.909 | 1.572 | 2.293 |
| STROKE | 35 | 45.00 | 1.911 | 1.574 | 2.295 |
| STROKE | 35 | 45.10 | 1.913 | 1.575 | 2.298 |
| STROKE | 35 | 45.20 | 1.915 | 1.576 | 2.301 |
| STROKE | 35 | 45.30 | 1.917 | 1.578 | 2.304 |
| STROKE | 35 | 45.40 | 1.919 | 1.579 | 2.306 |
| STROKE | 35 | 45.50 | 1.921 | 1.58  | 2.309 |
| STROKE | 35 | 45.60 | 1.923 | 1.582 | 2.312 |
| STROKE | 35 | 45.70 | 1.924 | 1.583 | 2.315 |
| STROKE | 35 | 45.80 | 1.926 | 1.584 | 2.317 |
| STROKE | 35 | 45.90 | 1.928 | 1.586 | 2.32  |
| STROKE | 35 | 46.00 | 1.93  | 1.587 | 2.323 |
| STROKE | 35 | 46.10 | 1.932 | 1.588 | 2.326 |
| STROKE | 35 | 46.20 | 1.934 | 1.59  | 2.328 |
| STROKE | 35 | 46.30 | 1.936 | 1.591 | 2.331 |
| STROKE | 35 | 46.40 | 1.938 | 1.592 | 2.334 |
| STROKE | 35 | 46.50 | 1.939 | 1.594 | 2.337 |
| STROKE | 35 | 46.60 | 1.941 | 1.595 | 2.339 |
| STROKE | 35 | 46.70 | 1.943 | 1.596 | 2.342 |
| STROKE | 35 | 46.80 | 1.945 | 1.598 | 2.345 |
| STROKE | 35 | 46.90 | 1.947 | 1.599 | 2.348 |
| STROKE | 35 | 47.00 | 1.949 | 1.6   | 2.35  |
| STROKE | 35 | 47.10 | 1.951 | 1.602 | 2.353 |
| STROKE | 35 | 47.20 | 1.952 | 1.603 | 2.355 |
| STROKE | 35 | 47.30 | 1.954 | 1.604 | 2.357 |
| STROKE | 35 | 47.40 | 1.956 | 1.606 | 2.359 |
| STROKE | 35 | 47.50 | 1.958 | 1.607 | 2.362 |
| STROKE | 35 | 47.60 | 1.96  | 1.608 | 2.364 |
| STROKE | 35 | 47.70 | 1.962 | 1.61  | 2.366 |
| STROKE | 35 | 47.80 | 1.964 | 1.611 | 2.369 |
| STROKE | 35 | 47.90 | 1.965 | 1.612 | 2.371 |
| STROKE | 35 | 48.00 | 1.967 | 1.614 | 2.373 |
| STROKE | 35 | 48.10 | 1.969 | 1.615 | 2.376 |
| STROKE | 35 | 48.20 | 1.971 | 1.616 | 2.378 |
| STROKE | 35 | 48.30 | 1.973 | 1.618 | 2.381 |
| STROKE | 35 | 48.40 | 1.975 | 1.619 | 2.383 |
| STROKE | 35 | 48.50 | 1.976 | 1.62  | 2.385 |
| STROKE | 35 | 48.60 | 1.978 | 1.622 | 2.388 |
| STROKE | 35 | 48.70 | 1.98  | 1.623 | 2.39  |
| STROKE | 35 | 48.80 | 1.982 | 1.624 | 2.393 |
| STROKE | 35 | 48.90 | 1.984 | 1.626 | 2.395 |
| STROKE | 35 | 49.00 | 1.985 | 1.627 | 2.398 |
| STROKE | 35 | 49.10 | 1.987 | 1.629 | 2.4   |
| STROKE | 35 | 49.20 | 1.989 | 1.63  | 2.402 |
| STROKE | 35 | 49.30 | 1.991 | 1.631 | 2.404 |
| STROKE | 35 | 49.40 | 1.993 | 1.633 | 2.406 |
| STROKE | 35 | 49.50 | 1.994 | 1.634 | 2.408 |
| STROKE | 35 | 49.60 | 1.996 | 1.636 | 2.409 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 35 | 49.70 | 1.998 | 1.637 | 2.411 |
| STROKE | 35 | 49.80 | 2     | 1.638 | 2.413 |
| STROKE | 35 | 49.90 | 2.002 | 1.64  | 2.415 |
| STROKE | 40 | 0.00  | 1     | 1     | 1     |
| STROKE | 40 | 0.10  | 1     | 1     | 1     |
| STROKE | 40 | 0.20  | 1     | 1     | 1     |
| STROKE | 40 | 0.30  | 1     | 1     | 1     |
| STROKE | 40 | 0.40  | 1     | 1     | 1     |
| STROKE | 40 | 0.50  | 1     | 1     | 1     |
| STROKE | 40 | 0.60  | 1     | 1     | 1     |
| STROKE | 40 | 0.70  | 1     | 1     | 1     |
| STROKE | 40 | 0.80  | 1     | 1     | 1     |
| STROKE | 40 | 0.90  | 1     | 1     | 1     |
| STROKE | 40 | 1.00  | 1     | 1     | 1     |
| STROKE | 40 | 1.10  | 1     | 1     | 1     |
| STROKE | 40 | 1.20  | 1     | 1     | 1     |
| STROKE | 40 | 1.30  | 1     | 1     | 1     |
| STROKE | 40 | 1.40  | 1     | 1     | 1     |
| STROKE | 40 | 1.50  | 1     | 1     | 1     |
| STROKE | 40 | 1.60  | 1     | 1     | 1     |
| STROKE | 40 | 1.70  | 1     | 1     | 1     |
| STROKE | 40 | 1.80  | 1     | 1     | 1     |
| STROKE | 40 | 1.90  | 1     | 1     | 1     |
| STROKE | 40 | 2.00  | 1     | 1     | 1     |
| STROKE | 40 | 2.10  | 1     | 1     | 1     |
| STROKE | 40 | 2.20  | 1     | 1     | 1     |
| STROKE | 40 | 2.30  | 1     | 1     | 1     |
| STROKE | 40 | 2.40  | 1     | 1     | 1     |
| STROKE | 40 | 2.50  | 1     | 1     | 1     |
| STROKE | 40 | 2.60  | 1     | 1     | 1     |
| STROKE | 40 | 2.70  | 1     | 1     | 1     |
| STROKE | 40 | 2.80  | 1     | 1     | 1     |
| STROKE | 40 | 2.90  | 1     | 1     | 1     |
| STROKE | 40 | 3.00  | 1     | 1     | 1     |
| STROKE | 40 | 3.10  | 1     | 1     | 1     |
| STROKE | 40 | 3.20  | 1.001 | 1     | 1     |
| STROKE | 40 | 3.30  | 1.001 | 1     | 1     |
| STROKE | 40 | 3.40  | 1.001 | 1     | 1.001 |
| STROKE | 40 | 3.50  | 1.001 | 1     | 1.006 |
| STROKE | 40 | 3.60  | 1.001 | 1     | 1.01  |
| STROKE | 40 | 3.70  | 1.001 | 1     | 1.014 |
| STROKE | 40 | 3.80  | 1.001 | 1     | 1.017 |
| STROKE | 40 | 3.90  | 1.002 | 1     | 1.02  |
| STROKE | 40 | 4.00  | 1.002 | 1     | 1.023 |
| STROKE | 40 | 4.10  | 1.002 | 1     | 1.026 |
| STROKE | 40 | 4.20  | 1.002 | 1     | 1.03  |
| STROKE | 40 | 4.30  | 1.002 | 1     | 1.034 |
| STROKE | 40 | 4.40  | 1.003 | 1     | 1.038 |
| STROKE | 40 | 4.50  | 1.003 | 1     | 1.042 |
| STROKE | 40 | 4.60  | 1.003 | 1     | 1.046 |



|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 40 | 4.70 | 1.004 | 1 | 1.05  |
| STROKE | 40 | 4.80 | 1.004 | 1 | 1.054 |
| STROKE | 40 | 4.90 | 1.004 | 1 | 1.058 |
| STROKE | 40 | 5.00 | 1.005 | 1 | 1.062 |
| STROKE | 40 | 5.10 | 1.005 | 1 | 1.066 |
| STROKE | 40 | 5.20 | 1.006 | 1 | 1.07  |
| STROKE | 40 | 5.30 | 1.006 | 1 | 1.073 |
| STROKE | 40 | 5.40 | 1.007 | 1 | 1.077 |
| STROKE | 40 | 5.50 | 1.007 | 1 | 1.081 |
| STROKE | 40 | 5.60 | 1.008 | 1 | 1.085 |
| STROKE | 40 | 5.70 | 1.008 | 1 | 1.089 |
| STROKE | 40 | 5.80 | 1.009 | 1 | 1.092 |
| STROKE | 40 | 5.90 | 1.01  | 1 | 1.095 |
| STROKE | 40 | 6.00 | 1.01  | 1 | 1.099 |
| STROKE | 40 | 6.10 | 1.011 | 1 | 1.102 |
| STROKE | 40 | 6.20 | 1.012 | 1 | 1.105 |
| STROKE | 40 | 6.30 | 1.013 | 1 | 1.109 |
| STROKE | 40 | 6.40 | 1.014 | 1 | 1.112 |
| STROKE | 40 | 6.50 | 1.015 | 1 | 1.115 |
| STROKE | 40 | 6.60 | 1.016 | 1 | 1.118 |
| STROKE | 40 | 6.70 | 1.017 | 1 | 1.122 |
| STROKE | 40 | 6.80 | 1.018 | 1 | 1.125 |
| STROKE | 40 | 6.90 | 1.019 | 1 | 1.129 |
| STROKE | 40 | 7.00 | 1.02  | 1 | 1.132 |
| STROKE | 40 | 7.10 | 1.021 | 1 | 1.136 |
| STROKE | 40 | 7.20 | 1.022 | 1 | 1.139 |
| STROKE | 40 | 7.30 | 1.023 | 1 | 1.143 |
| STROKE | 40 | 7.40 | 1.024 | 1 | 1.146 |
| STROKE | 40 | 7.50 | 1.025 | 1 | 1.15  |
| STROKE | 40 | 7.60 | 1.027 | 1 | 1.153 |
| STROKE | 40 | 7.70 | 1.028 | 1 | 1.157 |
| STROKE | 40 | 7.80 | 1.029 | 1 | 1.16  |
| STROKE | 40 | 7.90 | 1.031 | 1 | 1.164 |
| STROKE | 40 | 8.00 | 1.032 | 1 | 1.167 |
| STROKE | 40 | 8.10 | 1.033 | 1 | 1.171 |
| STROKE | 40 | 8.20 | 1.035 | 1 | 1.174 |
| STROKE | 40 | 8.30 | 1.036 | 1 | 1.177 |
| STROKE | 40 | 8.40 | 1.038 | 1 | 1.181 |
| STROKE | 40 | 8.50 | 1.039 | 1 | 1.184 |
| STROKE | 40 | 8.60 | 1.041 | 1 | 1.187 |
| STROKE | 40 | 8.70 | 1.042 | 1 | 1.191 |
| STROKE | 40 | 8.80 | 1.044 | 1 | 1.194 |
| STROKE | 40 | 8.90 | 1.045 | 1 | 1.197 |
| STROKE | 40 | 9.00 | 1.047 | 1 | 1.201 |
| STROKE | 40 | 9.10 | 1.049 | 1 | 1.204 |
| STROKE | 40 | 9.20 | 1.05  | 1 | 1.208 |
| STROKE | 40 | 9.30 | 1.052 | 1 | 1.212 |
| STROKE | 40 | 9.40 | 1.053 | 1 | 1.216 |
| STROKE | 40 | 9.50 | 1.055 | 1 | 1.219 |
| STROKE | 40 | 9.60 | 1.057 | 1 | 1.223 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 9.70  | 1.059 | 1     | 1.227 |
| STROKE | 40 | 9.80  | 1.06  | 1     | 1.23  |
| STROKE | 40 | 9.90  | 1.062 | 1     | 1.234 |
| STROKE | 40 | 10.00 | 1.064 | 1     | 1.237 |
| STROKE | 40 | 10.10 | 1.066 | 1     | 1.24  |
| STROKE | 40 | 10.20 | 1.068 | 1     | 1.243 |
| STROKE | 40 | 10.30 | 1.069 | 1     | 1.247 |
| STROKE | 40 | 10.40 | 1.071 | 1     | 1.25  |
| STROKE | 40 | 10.50 | 1.073 | 1     | 1.253 |
| STROKE | 40 | 10.60 | 1.075 | 1     | 1.256 |
| STROKE | 40 | 10.70 | 1.077 | 1     | 1.26  |
| STROKE | 40 | 10.80 | 1.079 | 1     | 1.263 |
| STROKE | 40 | 10.90 | 1.081 | 1     | 1.266 |
| STROKE | 40 | 11.00 | 1.082 | 1     | 1.269 |
| STROKE | 40 | 11.10 | 1.084 | 1     | 1.273 |
| STROKE | 40 | 11.20 | 1.086 | 1     | 1.276 |
| STROKE | 40 | 11.30 | 1.088 | 1     | 1.279 |
| STROKE | 40 | 11.40 | 1.09  | 1     | 1.282 |
| STROKE | 40 | 11.50 | 1.092 | 1     | 1.285 |
| STROKE | 40 | 11.60 | 1.094 | 1     | 1.288 |
| STROKE | 40 | 11.70 | 1.096 | 1     | 1.291 |
| STROKE | 40 | 11.80 | 1.098 | 1     | 1.295 |
| STROKE | 40 | 11.90 | 1.1   | 1     | 1.298 |
| STROKE | 40 | 12.00 | 1.102 | 1     | 1.301 |
| STROKE | 40 | 12.10 | 1.104 | 1     | 1.304 |
| STROKE | 40 | 12.20 | 1.106 | 1     | 1.307 |
| STROKE | 40 | 12.30 | 1.108 | 1     | 1.31  |
| STROKE | 40 | 12.40 | 1.11  | 1     | 1.312 |
| STROKE | 40 | 12.50 | 1.112 | 1     | 1.315 |
| STROKE | 40 | 12.60 | 1.114 | 1     | 1.318 |
| STROKE | 40 | 12.70 | 1.116 | 1     | 1.321 |
| STROKE | 40 | 12.80 | 1.118 | 1     | 1.324 |
| STROKE | 40 | 12.90 | 1.12  | 1     | 1.327 |
| STROKE | 40 | 13.00 | 1.122 | 1     | 1.33  |
| STROKE | 40 | 13.10 | 1.124 | 1     | 1.333 |
| STROKE | 40 | 13.20 | 1.126 | 1     | 1.335 |
| STROKE | 40 | 13.30 | 1.128 | 1     | 1.338 |
| STROKE | 40 | 13.40 | 1.13  | 1     | 1.341 |
| STROKE | 40 | 13.50 | 1.133 | 1     | 1.343 |
| STROKE | 40 | 13.60 | 1.135 | 1     | 1.346 |
| STROKE | 40 | 13.70 | 1.137 | 1     | 1.349 |
| STROKE | 40 | 13.80 | 1.139 | 1     | 1.351 |
| STROKE | 40 | 13.90 | 1.141 | 1     | 1.354 |
| STROKE | 40 | 14.00 | 1.143 | 1     | 1.357 |
| STROKE | 40 | 14.10 | 1.145 | 1.001 | 1.359 |
| STROKE | 40 | 14.20 | 1.147 | 1.002 | 1.362 |
| STROKE | 40 | 14.30 | 1.149 | 1.003 | 1.365 |
| STROKE | 40 | 14.40 | 1.151 | 1.005 | 1.367 |
| STROKE | 40 | 14.50 | 1.153 | 1.006 | 1.37  |
| STROKE | 40 | 14.60 | 1.155 | 1.007 | 1.373 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 14.70 | 1.157 | 1.008 | 1.375 |
| STROKE | 40 | 14.80 | 1.159 | 1.009 | 1.378 |
| STROKE | 40 | 14.90 | 1.161 | 1.01  | 1.381 |
| STROKE | 40 | 15.00 | 1.163 | 1.011 | 1.384 |
| STROKE | 40 | 15.10 | 1.165 | 1.013 | 1.386 |
| STROKE | 40 | 15.20 | 1.167 | 1.014 | 1.388 |
| STROKE | 40 | 15.30 | 1.169 | 1.016 | 1.391 |
| STROKE | 40 | 15.40 | 1.171 | 1.017 | 1.393 |
| STROKE | 40 | 15.50 | 1.174 | 1.019 | 1.395 |
| STROKE | 40 | 15.60 | 1.176 | 1.02  | 1.398 |
| STROKE | 40 | 15.70 | 1.178 | 1.022 | 1.4   |
| STROKE | 40 | 15.80 | 1.18  | 1.023 | 1.403 |
| STROKE | 40 | 15.90 | 1.182 | 1.025 | 1.405 |
| STROKE | 40 | 16.00 | 1.184 | 1.026 | 1.407 |
| STROKE | 40 | 16.10 | 1.186 | 1.028 | 1.41  |
| STROKE | 40 | 16.20 | 1.188 | 1.029 | 1.413 |
| STROKE | 40 | 16.30 | 1.19  | 1.03  | 1.415 |
| STROKE | 40 | 16.40 | 1.192 | 1.032 | 1.418 |
| STROKE | 40 | 16.50 | 1.194 | 1.033 | 1.42  |
| STROKE | 40 | 16.60 | 1.196 | 1.034 | 1.423 |
| STROKE | 40 | 16.70 | 1.198 | 1.036 | 1.426 |
| STROKE | 40 | 16.80 | 1.2   | 1.037 | 1.428 |
| STROKE | 40 | 16.90 | 1.202 | 1.038 | 1.431 |
| STROKE | 40 | 17.00 | 1.204 | 1.04  | 1.434 |
| STROKE | 40 | 17.10 | 1.206 | 1.041 | 1.436 |
| STROKE | 40 | 17.20 | 1.208 | 1.043 | 1.438 |
| STROKE | 40 | 17.30 | 1.21  | 1.044 | 1.44  |
| STROKE | 40 | 17.40 | 1.212 | 1.046 | 1.443 |
| STROKE | 40 | 17.50 | 1.214 | 1.047 | 1.445 |
| STROKE | 40 | 17.60 | 1.216 | 1.049 | 1.447 |
| STROKE | 40 | 17.70 | 1.218 | 1.05  | 1.449 |
| STROKE | 40 | 17.80 | 1.22  | 1.051 | 1.452 |
| STROKE | 40 | 17.90 | 1.222 | 1.053 | 1.454 |
| STROKE | 40 | 18.00 | 1.224 | 1.054 | 1.456 |
| STROKE | 40 | 18.10 | 1.226 | 1.056 | 1.458 |
| STROKE | 40 | 18.20 | 1.228 | 1.057 | 1.461 |
| STROKE | 40 | 18.30 | 1.23  | 1.059 | 1.463 |
| STROKE | 40 | 18.40 | 1.232 | 1.06  | 1.465 |
| STROKE | 40 | 18.50 | 1.234 | 1.062 | 1.467 |
| STROKE | 40 | 18.60 | 1.236 | 1.063 | 1.469 |
| STROKE | 40 | 18.70 | 1.238 | 1.065 | 1.472 |
| STROKE | 40 | 18.80 | 1.24  | 1.066 | 1.474 |
| STROKE | 40 | 18.90 | 1.242 | 1.068 | 1.476 |
| STROKE | 40 | 19.00 | 1.244 | 1.069 | 1.478 |
| STROKE | 40 | 19.10 | 1.246 | 1.07  | 1.48  |
| STROKE | 40 | 19.20 | 1.248 | 1.072 | 1.483 |
| STROKE | 40 | 19.30 | 1.25  | 1.073 | 1.485 |
| STROKE | 40 | 19.40 | 1.252 | 1.075 | 1.487 |
| STROKE | 40 | 19.50 | 1.254 | 1.076 | 1.489 |
| STROKE | 40 | 19.60 | 1.256 | 1.078 | 1.491 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 19.70 | 1.258 | 1.079 | 1.494 |
| STROKE | 40 | 19.80 | 1.26  | 1.081 | 1.496 |
| STROKE | 40 | 19.90 | 1.262 | 1.082 | 1.498 |
| STROKE | 40 | 20.00 | 1.264 | 1.084 | 1.5   |
| STROKE | 40 | 20.10 | 1.266 | 1.085 | 1.503 |
| STROKE | 40 | 20.20 | 1.268 | 1.087 | 1.505 |
| STROKE | 40 | 20.30 | 1.27  | 1.088 | 1.507 |
| STROKE | 40 | 20.40 | 1.272 | 1.09  | 1.509 |
| STROKE | 40 | 20.50 | 1.274 | 1.091 | 1.511 |
| STROKE | 40 | 20.60 | 1.276 | 1.093 | 1.513 |
| STROKE | 40 | 20.70 | 1.278 | 1.094 | 1.516 |
| STROKE | 40 | 20.80 | 1.28  | 1.095 | 1.518 |
| STROKE | 40 | 20.90 | 1.282 | 1.097 | 1.52  |
| STROKE | 40 | 21.00 | 1.284 | 1.098 | 1.522 |
| STROKE | 40 | 21.10 | 1.286 | 1.1   | 1.525 |
| STROKE | 40 | 21.20 | 1.288 | 1.101 | 1.528 |
| STROKE | 40 | 21.30 | 1.29  | 1.103 | 1.53  |
| STROKE | 40 | 21.40 | 1.292 | 1.104 | 1.533 |
| STROKE | 40 | 21.50 | 1.294 | 1.106 | 1.536 |
| STROKE | 40 | 21.60 | 1.296 | 1.107 | 1.539 |
| STROKE | 40 | 21.70 | 1.297 | 1.109 | 1.541 |
| STROKE | 40 | 21.80 | 1.299 | 1.11  | 1.544 |
| STROKE | 40 | 21.90 | 1.301 | 1.112 | 1.547 |
| STROKE | 40 | 22.00 | 1.303 | 1.113 | 1.55  |
| STROKE | 40 | 22.10 | 1.305 | 1.115 | 1.552 |
| STROKE | 40 | 22.20 | 1.307 | 1.116 | 1.555 |
| STROKE | 40 | 22.30 | 1.309 | 1.117 | 1.558 |
| STROKE | 40 | 22.40 | 1.311 | 1.119 | 1.561 |
| STROKE | 40 | 22.50 | 1.313 | 1.12  | 1.564 |
| STROKE | 40 | 22.60 | 1.315 | 1.122 | 1.567 |
| STROKE | 40 | 22.70 | 1.317 | 1.123 | 1.57  |
| STROKE | 40 | 22.80 | 1.319 | 1.125 | 1.573 |
| STROKE | 40 | 22.90 | 1.321 | 1.126 | 1.576 |
| STROKE | 40 | 23.00 | 1.323 | 1.128 | 1.579 |
| STROKE | 40 | 23.10 | 1.325 | 1.129 | 1.582 |
| STROKE | 40 | 23.20 | 1.327 | 1.131 | 1.584 |
| STROKE | 40 | 23.30 | 1.328 | 1.132 | 1.587 |
| STROKE | 40 | 23.40 | 1.33  | 1.134 | 1.59  |
| STROKE | 40 | 23.50 | 1.332 | 1.135 | 1.593 |
| STROKE | 40 | 23.60 | 1.334 | 1.137 | 1.596 |
| STROKE | 40 | 23.70 | 1.336 | 1.138 | 1.599 |
| STROKE | 40 | 23.80 | 1.338 | 1.139 | 1.602 |
| STROKE | 40 | 23.90 | 1.34  | 1.141 | 1.605 |
| STROKE | 40 | 24.00 | 1.342 | 1.142 | 1.608 |
| STROKE | 40 | 24.10 | 1.344 | 1.144 | 1.61  |
| STROKE | 40 | 24.20 | 1.346 | 1.145 | 1.612 |
| STROKE | 40 | 24.30 | 1.348 | 1.147 | 1.615 |
| STROKE | 40 | 24.40 | 1.35  | 1.148 | 1.617 |
| STROKE | 40 | 24.50 | 1.351 | 1.15  | 1.619 |
| STROKE | 40 | 24.60 | 1.353 | 1.151 | 1.621 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 24.70 | 1.355 | 1.153 | 1.624 |
| STROKE | 40 | 24.80 | 1.357 | 1.154 | 1.626 |
| STROKE | 40 | 24.90 | 1.359 | 1.156 | 1.628 |
| STROKE | 40 | 25.00 | 1.361 | 1.157 | 1.631 |
| STROKE | 40 | 25.10 | 1.363 | 1.159 | 1.633 |
| STROKE | 40 | 25.20 | 1.365 | 1.16  | 1.635 |
| STROKE | 40 | 25.30 | 1.367 | 1.161 | 1.637 |
| STROKE | 40 | 25.40 | 1.369 | 1.163 | 1.639 |
| STROKE | 40 | 25.50 | 1.37  | 1.164 | 1.642 |
| STROKE | 40 | 25.60 | 1.372 | 1.166 | 1.644 |
| STROKE | 40 | 25.70 | 1.374 | 1.167 | 1.646 |
| STROKE | 40 | 25.80 | 1.376 | 1.169 | 1.648 |
| STROKE | 40 | 25.90 | 1.378 | 1.17  | 1.65  |
| STROKE | 40 | 26.00 | 1.38  | 1.172 | 1.653 |
| STROKE | 40 | 26.10 | 1.382 | 1.173 | 1.655 |
| STROKE | 40 | 26.20 | 1.384 | 1.175 | 1.657 |
| STROKE | 40 | 26.30 | 1.386 | 1.176 | 1.659 |
| STROKE | 40 | 26.40 | 1.387 | 1.178 | 1.661 |
| STROKE | 40 | 26.50 | 1.389 | 1.179 | 1.663 |
| STROKE | 40 | 26.60 | 1.391 | 1.181 | 1.666 |
| STROKE | 40 | 26.70 | 1.393 | 1.182 | 1.668 |
| STROKE | 40 | 26.80 | 1.395 | 1.183 | 1.67  |
| STROKE | 40 | 26.90 | 1.397 | 1.185 | 1.672 |
| STROKE | 40 | 27.00 | 1.399 | 1.186 | 1.674 |
| STROKE | 40 | 27.10 | 1.401 | 1.188 | 1.676 |
| STROKE | 40 | 27.20 | 1.402 | 1.189 | 1.678 |
| STROKE | 40 | 27.30 | 1.404 | 1.19  | 1.681 |
| STROKE | 40 | 27.40 | 1.406 | 1.191 | 1.683 |
| STROKE | 40 | 27.50 | 1.408 | 1.192 | 1.685 |
| STROKE | 40 | 27.60 | 1.41  | 1.194 | 1.687 |
| STROKE | 40 | 27.70 | 1.412 | 1.195 | 1.689 |
| STROKE | 40 | 27.80 | 1.414 | 1.196 | 1.691 |
| STROKE | 40 | 27.90 | 1.416 | 1.197 | 1.693 |
| STROKE | 40 | 28.00 | 1.417 | 1.198 | 1.695 |
| STROKE | 40 | 28.10 | 1.419 | 1.2   | 1.698 |
| STROKE | 40 | 28.20 | 1.421 | 1.201 | 1.7   |
| STROKE | 40 | 28.30 | 1.423 | 1.203 | 1.703 |
| STROKE | 40 | 28.40 | 1.425 | 1.204 | 1.705 |
| STROKE | 40 | 28.50 | 1.427 | 1.206 | 1.707 |
| STROKE | 40 | 28.60 | 1.429 | 1.207 | 1.71  |
| STROKE | 40 | 28.70 | 1.43  | 1.209 | 1.712 |
| STROKE | 40 | 28.80 | 1.432 | 1.21  | 1.715 |
| STROKE | 40 | 28.90 | 1.434 | 1.211 | 1.717 |
| STROKE | 40 | 29.00 | 1.436 | 1.213 | 1.72  |
| STROKE | 40 | 29.10 | 1.438 | 1.214 | 1.722 |
| STROKE | 40 | 29.20 | 1.44  | 1.216 | 1.725 |
| STROKE | 40 | 29.30 | 1.441 | 1.217 | 1.727 |
| STROKE | 40 | 29.40 | 1.443 | 1.219 | 1.73  |
| STROKE | 40 | 29.50 | 1.445 | 1.22  | 1.732 |
| STROKE | 40 | 29.60 | 1.447 | 1.222 | 1.735 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 29.70 | 1.449 | 1.223 | 1.737 |
| STROKE | 40 | 29.80 | 1.451 | 1.225 | 1.74  |
| STROKE | 40 | 29.90 | 1.452 | 1.226 | 1.742 |
| STROKE | 40 | 30.00 | 1.454 | 1.227 | 1.745 |
| STROKE | 40 | 30.10 | 1.456 | 1.229 | 1.747 |
| STROKE | 40 | 30.20 | 1.458 | 1.23  | 1.749 |
| STROKE | 40 | 30.30 | 1.46  | 1.231 | 1.751 |
| STROKE | 40 | 30.40 | 1.462 | 1.233 | 1.753 |
| STROKE | 40 | 30.50 | 1.463 | 1.234 | 1.755 |
| STROKE | 40 | 30.60 | 1.465 | 1.235 | 1.757 |
| STROKE | 40 | 30.70 | 1.467 | 1.237 | 1.76  |
| STROKE | 40 | 30.80 | 1.469 | 1.238 | 1.762 |
| STROKE | 40 | 30.90 | 1.471 | 1.239 | 1.764 |
| STROKE | 40 | 31.00 | 1.473 | 1.24  | 1.766 |
| STROKE | 40 | 31.10 | 1.474 | 1.242 | 1.768 |
| STROKE | 40 | 31.20 | 1.476 | 1.243 | 1.77  |
| STROKE | 40 | 31.30 | 1.478 | 1.244 | 1.773 |
| STROKE | 40 | 31.40 | 1.48  | 1.245 | 1.775 |
| STROKE | 40 | 31.50 | 1.482 | 1.246 | 1.777 |
| STROKE | 40 | 31.60 | 1.483 | 1.248 | 1.78  |
| STROKE | 40 | 31.70 | 1.485 | 1.249 | 1.782 |
| STROKE | 40 | 31.80 | 1.487 | 1.25  | 1.784 |
| STROKE | 40 | 31.90 | 1.489 | 1.251 | 1.786 |
| STROKE | 40 | 32.00 | 1.491 | 1.252 | 1.789 |
| STROKE | 40 | 32.10 | 1.492 | 1.253 | 1.791 |
| STROKE | 40 | 32.20 | 1.494 | 1.255 | 1.794 |
| STROKE | 40 | 32.30 | 1.496 | 1.256 | 1.797 |
| STROKE | 40 | 32.40 | 1.498 | 1.257 | 1.799 |
| STROKE | 40 | 32.50 | 1.5   | 1.258 | 1.802 |
| STROKE | 40 | 32.60 | 1.501 | 1.259 | 1.805 |
| STROKE | 40 | 32.70 | 1.503 | 1.261 | 1.807 |
| STROKE | 40 | 32.80 | 1.505 | 1.262 | 1.81  |
| STROKE | 40 | 32.90 | 1.507 | 1.263 | 1.813 |
| STROKE | 40 | 33.00 | 1.509 | 1.264 | 1.815 |
| STROKE | 40 | 33.10 | 1.51  | 1.266 | 1.818 |
| STROKE | 40 | 33.20 | 1.512 | 1.267 | 1.821 |
| STROKE | 40 | 33.30 | 1.514 | 1.269 | 1.824 |
| STROKE | 40 | 33.40 | 1.516 | 1.27  | 1.826 |
| STROKE | 40 | 33.50 | 1.518 | 1.271 | 1.829 |
| STROKE | 40 | 33.60 | 1.519 | 1.273 | 1.832 |
| STROKE | 40 | 33.70 | 1.521 | 1.274 | 1.835 |
| STROKE | 40 | 33.80 | 1.523 | 1.276 | 1.837 |
| STROKE | 40 | 33.90 | 1.525 | 1.277 | 1.84  |
| STROKE | 40 | 34.00 | 1.526 | 1.279 | 1.843 |
| STROKE | 40 | 34.10 | 1.528 | 1.28  | 1.845 |
| STROKE | 40 | 34.20 | 1.53  | 1.282 | 1.847 |
| STROKE | 40 | 34.30 | 1.532 | 1.283 | 1.849 |
| STROKE | 40 | 34.40 | 1.534 | 1.285 | 1.851 |
| STROKE | 40 | 34.50 | 1.535 | 1.286 | 1.853 |
| STROKE | 40 | 34.60 | 1.537 | 1.288 | 1.856 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 34.70 | 1.539 | 1.289 | 1.858 |
| STROKE | 40 | 34.80 | 1.541 | 1.291 | 1.86  |
| STROKE | 40 | 34.90 | 1.542 | 1.292 | 1.862 |
| STROKE | 40 | 35.00 | 1.544 | 1.294 | 1.864 |
| STROKE | 40 | 35.10 | 1.546 | 1.295 | 1.866 |
| STROKE | 40 | 35.20 | 1.548 | 1.296 | 1.868 |
| STROKE | 40 | 35.30 | 1.549 | 1.298 | 1.87  |
| STROKE | 40 | 35.40 | 1.551 | 1.299 | 1.872 |
| STROKE | 40 | 35.50 | 1.553 | 1.301 | 1.874 |
| STROKE | 40 | 35.60 | 1.555 | 1.302 | 1.876 |
| STROKE | 40 | 35.70 | 1.556 | 1.304 | 1.878 |
| STROKE | 40 | 35.80 | 1.558 | 1.305 | 1.88  |
| STROKE | 40 | 35.90 | 1.56  | 1.307 | 1.882 |
| STROKE | 40 | 36.00 | 1.562 | 1.308 | 1.885 |
| STROKE | 40 | 36.10 | 1.563 | 1.309 | 1.887 |
| STROKE | 40 | 36.20 | 1.565 | 1.311 | 1.889 |
| STROKE | 40 | 36.30 | 1.567 | 1.312 | 1.891 |
| STROKE | 40 | 36.40 | 1.569 | 1.313 | 1.893 |
| STROKE | 40 | 36.50 | 1.57  | 1.315 | 1.895 |
| STROKE | 40 | 36.60 | 1.572 | 1.316 | 1.897 |
| STROKE | 40 | 36.70 | 1.574 | 1.317 | 1.899 |
| STROKE | 40 | 36.80 | 1.576 | 1.319 | 1.901 |
| STROKE | 40 | 36.90 | 1.577 | 1.32  | 1.903 |
| STROKE | 40 | 37.00 | 1.579 | 1.321 | 1.905 |
| STROKE | 40 | 37.10 | 1.581 | 1.322 | 1.907 |
| STROKE | 40 | 37.20 | 1.583 | 1.324 | 1.909 |
| STROKE | 40 | 37.30 | 1.584 | 1.325 | 1.911 |
| STROKE | 40 | 37.40 | 1.586 | 1.326 | 1.912 |
| STROKE | 40 | 37.50 | 1.588 | 1.328 | 1.914 |
| STROKE | 40 | 37.60 | 1.59  | 1.329 | 1.916 |
| STROKE | 40 | 37.70 | 1.591 | 1.33  | 1.918 |
| STROKE | 40 | 37.80 | 1.593 | 1.332 | 1.92  |
| STROKE | 40 | 37.90 | 1.595 | 1.333 | 1.922 |
| STROKE | 40 | 38.00 | 1.596 | 1.334 | 1.924 |
| STROKE | 40 | 38.10 | 1.598 | 1.336 | 1.925 |
| STROKE | 40 | 38.20 | 1.6   | 1.337 | 1.927 |
| STROKE | 40 | 38.30 | 1.602 | 1.338 | 1.929 |
| STROKE | 40 | 38.40 | 1.603 | 1.34  | 1.931 |
| STROKE | 40 | 38.50 | 1.605 | 1.341 | 1.932 |
| STROKE | 40 | 38.60 | 1.607 | 1.342 | 1.934 |
| STROKE | 40 | 38.70 | 1.608 | 1.343 | 1.936 |
| STROKE | 40 | 38.80 | 1.61  | 1.345 | 1.938 |
| STROKE | 40 | 38.90 | 1.612 | 1.346 | 1.939 |
| STROKE | 40 | 39.00 | 1.614 | 1.347 | 1.941 |
| STROKE | 40 | 39.10 | 1.615 | 1.349 | 1.943 |
| STROKE | 40 | 39.20 | 1.617 | 1.35  | 1.945 |
| STROKE | 40 | 39.30 | 1.619 | 1.351 | 1.946 |
| STROKE | 40 | 39.40 | 1.62  | 1.353 | 1.948 |
| STROKE | 40 | 39.50 | 1.622 | 1.354 | 1.95  |
| STROKE | 40 | 39.60 | 1.624 | 1.355 | 1.952 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 39.70 | 1.626 | 1.357 | 1.953 |
| STROKE | 40 | 39.80 | 1.627 | 1.358 | 1.955 |
| STROKE | 40 | 39.90 | 1.629 | 1.359 | 1.957 |
| STROKE | 40 | 40.00 | 1.631 | 1.361 | 1.959 |
| STROKE | 40 | 40.10 | 1.632 | 1.362 | 1.961 |
| STROKE | 40 | 40.20 | 1.634 | 1.363 | 1.963 |
| STROKE | 40 | 40.30 | 1.636 | 1.364 | 1.966 |
| STROKE | 40 | 40.40 | 1.637 | 1.366 | 1.968 |
| STROKE | 40 | 40.50 | 1.639 | 1.367 | 1.97  |
| STROKE | 40 | 40.60 | 1.641 | 1.368 | 1.973 |
| STROKE | 40 | 40.70 | 1.642 | 1.37  | 1.975 |
| STROKE | 40 | 40.80 | 1.644 | 1.371 | 1.977 |
| STROKE | 40 | 40.90 | 1.646 | 1.372 | 1.98  |
| STROKE | 40 | 41.00 | 1.648 | 1.374 | 1.982 |
| STROKE | 40 | 41.10 | 1.649 | 1.375 | 1.984 |
| STROKE | 40 | 41.20 | 1.651 | 1.376 | 1.987 |
| STROKE | 40 | 41.30 | 1.653 | 1.377 | 1.989 |
| STROKE | 40 | 41.40 | 1.654 | 1.379 | 1.991 |
| STROKE | 40 | 41.50 | 1.656 | 1.38  | 1.994 |
| STROKE | 40 | 41.60 | 1.658 | 1.381 | 1.996 |
| STROKE | 40 | 41.70 | 1.659 | 1.382 | 1.998 |
| STROKE | 40 | 41.80 | 1.661 | 1.384 | 2     |
| STROKE | 40 | 41.90 | 1.663 | 1.385 | 2.003 |
| STROKE | 40 | 42.00 | 1.664 | 1.386 | 2.005 |
| STROKE | 40 | 42.10 | 1.666 | 1.387 | 2.007 |
| STROKE | 40 | 42.20 | 1.668 | 1.389 | 2.01  |
| STROKE | 40 | 42.30 | 1.669 | 1.39  | 2.012 |
| STROKE | 40 | 42.40 | 1.671 | 1.391 | 2.014 |
| STROKE | 40 | 42.50 | 1.673 | 1.393 | 2.017 |
| STROKE | 40 | 42.60 | 1.674 | 1.394 | 2.019 |
| STROKE | 40 | 42.70 | 1.676 | 1.395 | 2.021 |
| STROKE | 40 | 42.80 | 1.678 | 1.397 | 2.023 |
| STROKE | 40 | 42.90 | 1.679 | 1.398 | 2.026 |
| STROKE | 40 | 43.00 | 1.681 | 1.399 | 2.028 |
| STROKE | 40 | 43.10 | 1.683 | 1.401 | 2.03  |
| STROKE | 40 | 43.20 | 1.684 | 1.402 | 2.033 |
| STROKE | 40 | 43.30 | 1.686 | 1.403 | 2.035 |
| STROKE | 40 | 43.40 | 1.687 | 1.405 | 2.037 |
| STROKE | 40 | 43.50 | 1.689 | 1.406 | 2.04  |
| STROKE | 40 | 43.60 | 1.691 | 1.407 | 2.042 |
| STROKE | 40 | 43.70 | 1.692 | 1.409 | 2.044 |
| STROKE | 40 | 43.80 | 1.694 | 1.41  | 2.047 |
| STROKE | 40 | 43.90 | 1.696 | 1.412 | 2.049 |
| STROKE | 40 | 44.00 | 1.697 | 1.413 | 2.051 |
| STROKE | 40 | 44.10 | 1.699 | 1.414 | 2.054 |
| STROKE | 40 | 44.20 | 1.701 | 1.416 | 2.056 |
| STROKE | 40 | 44.30 | 1.702 | 1.417 | 2.058 |
| STROKE | 40 | 44.40 | 1.704 | 1.418 | 2.06  |
| STROKE | 40 | 44.50 | 1.705 | 1.419 | 2.063 |
| STROKE | 40 | 44.60 | 1.707 | 1.421 | 2.065 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 44.70 | 1.709 | 1.422 | 2.067 |
| STROKE | 40 | 44.80 | 1.71  | 1.423 | 2.069 |
| STROKE | 40 | 44.90 | 1.712 | 1.424 | 2.072 |
| STROKE | 40 | 45.00 | 1.714 | 1.426 | 2.074 |
| STROKE | 40 | 45.10 | 1.715 | 1.427 | 2.076 |
| STROKE | 40 | 45.20 | 1.717 | 1.428 | 2.078 |
| STROKE | 40 | 45.30 | 1.718 | 1.429 | 2.081 |
| STROKE | 40 | 45.40 | 1.72  | 1.43  | 2.083 |
| STROKE | 40 | 45.50 | 1.722 | 1.431 | 2.085 |
| STROKE | 40 | 45.60 | 1.723 | 1.433 | 2.087 |
| STROKE | 40 | 45.70 | 1.725 | 1.434 | 2.09  |
| STROKE | 40 | 45.80 | 1.727 | 1.435 | 2.092 |
| STROKE | 40 | 45.90 | 1.728 | 1.436 | 2.094 |
| STROKE | 40 | 46.00 | 1.73  | 1.437 | 2.096 |
| STROKE | 40 | 46.10 | 1.731 | 1.438 | 2.098 |
| STROKE | 40 | 46.20 | 1.733 | 1.44  | 2.101 |
| STROKE | 40 | 46.30 | 1.735 | 1.441 | 2.103 |
| STROKE | 40 | 46.40 | 1.736 | 1.442 | 2.105 |
| STROKE | 40 | 46.50 | 1.738 | 1.443 | 2.107 |
| STROKE | 40 | 46.60 | 1.739 | 1.444 | 2.109 |
| STROKE | 40 | 46.70 | 1.741 | 1.445 | 2.112 |
| STROKE | 40 | 46.80 | 1.743 | 1.446 | 2.114 |
| STROKE | 40 | 46.90 | 1.744 | 1.448 | 2.116 |
| STROKE | 40 | 47.00 | 1.746 | 1.449 | 2.118 |
| STROKE | 40 | 47.10 | 1.747 | 1.45  | 2.12  |
| STROKE | 40 | 47.20 | 1.749 | 1.451 | 2.123 |
| STROKE | 40 | 47.30 | 1.751 | 1.452 | 2.125 |
| STROKE | 40 | 47.40 | 1.752 | 1.453 | 2.127 |
| STROKE | 40 | 47.50 | 1.754 | 1.454 | 2.129 |
| STROKE | 40 | 47.60 | 1.755 | 1.456 | 2.131 |
| STROKE | 40 | 47.70 | 1.757 | 1.457 | 2.133 |
| STROKE | 40 | 47.80 | 1.758 | 1.458 | 2.136 |
| STROKE | 40 | 47.90 | 1.76  | 1.459 | 2.138 |
| STROKE | 40 | 48.00 | 1.762 | 1.46  | 2.14  |
| STROKE | 40 | 48.10 | 1.763 | 1.461 | 2.142 |
| STROKE | 40 | 48.20 | 1.765 | 1.462 | 2.144 |
| STROKE | 40 | 48.30 | 1.766 | 1.464 | 2.146 |
| STROKE | 40 | 48.40 | 1.768 | 1.465 | 2.148 |
| STROKE | 40 | 48.50 | 1.769 | 1.466 | 2.151 |
| STROKE | 40 | 48.60 | 1.771 | 1.467 | 2.153 |
| STROKE | 40 | 48.70 | 1.773 | 1.468 | 2.155 |
| STROKE | 40 | 48.80 | 1.774 | 1.469 | 2.157 |
| STROKE | 40 | 48.90 | 1.776 | 1.47  | 2.159 |
| STROKE | 40 | 49.00 | 1.777 | 1.472 | 2.161 |
| STROKE | 40 | 49.10 | 1.779 | 1.473 | 2.163 |
| STROKE | 40 | 49.20 | 1.78  | 1.474 | 2.165 |
| STROKE | 40 | 49.30 | 1.782 | 1.475 | 2.167 |
| STROKE | 40 | 49.40 | 1.783 | 1.476 | 2.169 |
| STROKE | 40 | 49.50 | 1.785 | 1.477 | 2.171 |
| STROKE | 40 | 49.60 | 1.787 | 1.478 | 2.173 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 40 | 49.70 | 1.788 | 1.479 | 2.175 |
| STROKE | 40 | 49.80 | 1.79  | 1.48  | 2.177 |
| STROKE | 40 | 49.90 | 1.791 | 1.481 | 2.179 |
| STROKE | 45 | 0.00  | 1     | 1     | 1     |
| STROKE | 45 | 0.10  | 1     | 1     | 1     |
| STROKE | 45 | 0.20  | 1     | 1     | 1     |
| STROKE | 45 | 0.30  | 1     | 1     | 1     |
| STROKE | 45 | 0.40  | 1     | 1     | 1     |
| STROKE | 45 | 0.50  | 1     | 1     | 1     |
| STROKE | 45 | 0.60  | 1     | 1     | 1     |
| STROKE | 45 | 0.70  | 1     | 1     | 1     |
| STROKE | 45 | 0.80  | 1     | 1     | 1     |
| STROKE | 45 | 0.90  | 1     | 1     | 1     |
| STROKE | 45 | 1.00  | 1     | 1     | 1     |
| STROKE | 45 | 1.10  | 1     | 1     | 1     |
| STROKE | 45 | 1.20  | 1     | 1     | 1     |
| STROKE | 45 | 1.30  | 1     | 1     | 1     |
| STROKE | 45 | 1.40  | 1     | 1     | 1     |
| STROKE | 45 | 1.50  | 1     | 1     | 1     |
| STROKE | 45 | 1.60  | 1     | 1     | 1     |
| STROKE | 45 | 1.70  | 1     | 1     | 1.003 |
| STROKE | 45 | 1.80  | 1.001 | 1     | 1.007 |
| STROKE | 45 | 1.90  | 1.001 | 1     | 1.01  |
| STROKE | 45 | 2.00  | 1.001 | 1     | 1.014 |
| STROKE | 45 | 2.10  | 1.001 | 1     | 1.018 |
| STROKE | 45 | 2.20  | 1.002 | 1     | 1.022 |
| STROKE | 45 | 2.30  | 1.002 | 1     | 1.026 |
| STROKE | 45 | 2.40  | 1.003 | 1     | 1.031 |
| STROKE | 45 | 2.50  | 1.004 | 1     | 1.035 |
| STROKE | 45 | 2.60  | 1.004 | 1     | 1.039 |
| STROKE | 45 | 2.70  | 1.005 | 1     | 1.043 |
| STROKE | 45 | 2.80  | 1.006 | 1     | 1.047 |
| STROKE | 45 | 2.90  | 1.007 | 1     | 1.051 |
| STROKE | 45 | 3.00  | 1.008 | 1     | 1.056 |
| STROKE | 45 | 3.10  | 1.009 | 1     | 1.059 |
| STROKE | 45 | 3.20  | 1.01  | 1     | 1.063 |
| STROKE | 45 | 3.30  | 1.011 | 1     | 1.066 |
| STROKE | 45 | 3.40  | 1.013 | 1     | 1.07  |
| STROKE | 45 | 3.50  | 1.014 | 1     | 1.074 |
| STROKE | 45 | 3.60  | 1.015 | 1     | 1.078 |
| STROKE | 45 | 3.70  | 1.017 | 1     | 1.083 |
| STROKE | 45 | 3.80  | 1.019 | 1     | 1.087 |
| STROKE | 45 | 3.90  | 1.02  | 1     | 1.091 |
| STROKE | 45 | 4.00  | 1.022 | 1     | 1.096 |
| STROKE | 45 | 4.10  | 1.024 | 1     | 1.1   |
| STROKE | 45 | 4.20  | 1.026 | 1     | 1.104 |
| STROKE | 45 | 4.30  | 1.027 | 1     | 1.108 |
| STROKE | 45 | 4.40  | 1.029 | 1     | 1.112 |
| STROKE | 45 | 4.50  | 1.031 | 1     | 1.117 |
| STROKE | 45 | 4.60  | 1.033 | 1     | 1.121 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 45 | 4.70 | 1.035 | 1     | 1.125 |
| STROKE | 45 | 4.80 | 1.037 | 1     | 1.128 |
| STROKE | 45 | 4.90 | 1.039 | 1     | 1.132 |
| STROKE | 45 | 5.00 | 1.041 | 1     | 1.136 |
| STROKE | 45 | 5.10 | 1.043 | 1     | 1.139 |
| STROKE | 45 | 5.20 | 1.046 | 1     | 1.143 |
| STROKE | 45 | 5.30 | 1.048 | 1     | 1.147 |
| STROKE | 45 | 5.40 | 1.05  | 1     | 1.15  |
| STROKE | 45 | 5.50 | 1.052 | 1     | 1.154 |
| STROKE | 45 | 5.60 | 1.054 | 1     | 1.157 |
| STROKE | 45 | 5.70 | 1.056 | 1     | 1.16  |
| STROKE | 45 | 5.80 | 1.059 | 1     | 1.164 |
| STROKE | 45 | 5.90 | 1.061 | 1     | 1.167 |
| STROKE | 45 | 6.00 | 1.063 | 1     | 1.171 |
| STROKE | 45 | 6.10 | 1.065 | 1     | 1.174 |
| STROKE | 45 | 6.20 | 1.068 | 1     | 1.178 |
| STROKE | 45 | 6.30 | 1.07  | 1     | 1.182 |
| STROKE | 45 | 6.40 | 1.072 | 1     | 1.186 |
| STROKE | 45 | 6.50 | 1.074 | 1     | 1.189 |
| STROKE | 45 | 6.60 | 1.077 | 1.002 | 1.193 |
| STROKE | 45 | 6.70 | 1.079 | 1.004 | 1.196 |
| STROKE | 45 | 6.80 | 1.081 | 1.005 | 1.2   |
| STROKE | 45 | 6.90 | 1.083 | 1.007 | 1.203 |
| STROKE | 45 | 7.00 | 1.086 | 1.009 | 1.207 |
| STROKE | 45 | 7.10 | 1.088 | 1.01  | 1.21  |
| STROKE | 45 | 7.20 | 1.09  | 1.012 | 1.214 |
| STROKE | 45 | 7.30 | 1.092 | 1.013 | 1.217 |
| STROKE | 45 | 7.40 | 1.095 | 1.014 | 1.22  |
| STROKE | 45 | 7.50 | 1.097 | 1.016 | 1.224 |
| STROKE | 45 | 7.60 | 1.099 | 1.017 | 1.227 |
| STROKE | 45 | 7.70 | 1.102 | 1.019 | 1.231 |
| STROKE | 45 | 7.80 | 1.104 | 1.021 | 1.234 |
| STROKE | 45 | 7.90 | 1.106 | 1.022 | 1.237 |
| STROKE | 45 | 8.00 | 1.108 | 1.024 | 1.241 |
| STROKE | 45 | 8.10 | 1.111 | 1.025 | 1.244 |
| STROKE | 45 | 8.20 | 1.113 | 1.027 | 1.247 |
| STROKE | 45 | 8.30 | 1.115 | 1.028 | 1.251 |
| STROKE | 45 | 8.40 | 1.117 | 1.03  | 1.254 |
| STROKE | 45 | 8.50 | 1.12  | 1.031 | 1.258 |
| STROKE | 45 | 8.60 | 1.122 | 1.033 | 1.261 |
| STROKE | 45 | 8.70 | 1.124 | 1.034 | 1.264 |
| STROKE | 45 | 8.80 | 1.126 | 1.036 | 1.268 |
| STROKE | 45 | 8.90 | 1.129 | 1.037 | 1.271 |
| STROKE | 45 | 9.00 | 1.131 | 1.039 | 1.275 |
| STROKE | 45 | 9.10 | 1.133 | 1.04  | 1.278 |
| STROKE | 45 | 9.20 | 1.135 | 1.042 | 1.282 |
| STROKE | 45 | 9.30 | 1.137 | 1.043 | 1.286 |
| STROKE | 45 | 9.40 | 1.14  | 1.045 | 1.289 |
| STROKE | 45 | 9.50 | 1.142 | 1.046 | 1.293 |
| STROKE | 45 | 9.60 | 1.144 | 1.048 | 1.297 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 9.70  | 1.146 | 1.05  | 1.3   |
| STROKE | 45 | 9.80  | 1.149 | 1.051 | 1.303 |
| STROKE | 45 | 9.90  | 1.151 | 1.053 | 1.306 |
| STROKE | 45 | 10.00 | 1.153 | 1.054 | 1.309 |
| STROKE | 45 | 10.10 | 1.155 | 1.056 | 1.312 |
| STROKE | 45 | 10.20 | 1.157 | 1.057 | 1.315 |
| STROKE | 45 | 10.30 | 1.16  | 1.059 | 1.318 |
| STROKE | 45 | 10.40 | 1.162 | 1.06  | 1.321 |
| STROKE | 45 | 10.50 | 1.164 | 1.062 | 1.324 |
| STROKE | 45 | 10.60 | 1.166 | 1.063 | 1.327 |
| STROKE | 45 | 10.70 | 1.168 | 1.065 | 1.329 |
| STROKE | 45 | 10.80 | 1.171 | 1.066 | 1.332 |
| STROKE | 45 | 10.90 | 1.173 | 1.068 | 1.335 |
| STROKE | 45 | 11.00 | 1.175 | 1.07  | 1.338 |
| STROKE | 45 | 11.10 | 1.177 | 1.071 | 1.341 |
| STROKE | 45 | 11.20 | 1.179 | 1.072 | 1.344 |
| STROKE | 45 | 11.30 | 1.181 | 1.074 | 1.347 |
| STROKE | 45 | 11.40 | 1.184 | 1.075 | 1.35  |
| STROKE | 45 | 11.50 | 1.186 | 1.077 | 1.353 |
| STROKE | 45 | 11.60 | 1.188 | 1.078 | 1.356 |
| STROKE | 45 | 11.70 | 1.19  | 1.079 | 1.359 |
| STROKE | 45 | 11.80 | 1.192 | 1.081 | 1.362 |
| STROKE | 45 | 11.90 | 1.194 | 1.082 | 1.365 |
| STROKE | 45 | 12.00 | 1.197 | 1.084 | 1.368 |
| STROKE | 45 | 12.10 | 1.199 | 1.085 | 1.371 |
| STROKE | 45 | 12.20 | 1.201 | 1.087 | 1.374 |
| STROKE | 45 | 12.30 | 1.203 | 1.088 | 1.377 |
| STROKE | 45 | 12.40 | 1.205 | 1.09  | 1.38  |
| STROKE | 45 | 12.50 | 1.207 | 1.091 | 1.383 |
| STROKE | 45 | 12.60 | 1.209 | 1.093 | 1.386 |
| STROKE | 45 | 12.70 | 1.212 | 1.094 | 1.389 |
| STROKE | 45 | 12.80 | 1.214 | 1.096 | 1.392 |
| STROKE | 45 | 12.90 | 1.216 | 1.098 | 1.395 |
| STROKE | 45 | 13.00 | 1.218 | 1.099 | 1.398 |
| STROKE | 45 | 13.10 | 1.22  | 1.101 | 1.4   |
| STROKE | 45 | 13.20 | 1.222 | 1.102 | 1.403 |
| STROKE | 45 | 13.30 | 1.224 | 1.104 | 1.405 |
| STROKE | 45 | 13.40 | 1.227 | 1.105 | 1.408 |
| STROKE | 45 | 13.50 | 1.229 | 1.107 | 1.411 |
| STROKE | 45 | 13.60 | 1.231 | 1.108 | 1.413 |
| STROKE | 45 | 13.70 | 1.233 | 1.11  | 1.416 |
| STROKE | 45 | 13.80 | 1.235 | 1.111 | 1.419 |
| STROKE | 45 | 13.90 | 1.237 | 1.113 | 1.421 |
| STROKE | 45 | 14.00 | 1.239 | 1.114 | 1.424 |
| STROKE | 45 | 14.10 | 1.241 | 1.116 | 1.427 |
| STROKE | 45 | 14.20 | 1.244 | 1.117 | 1.429 |
| STROKE | 45 | 14.30 | 1.246 | 1.119 | 1.432 |
| STROKE | 45 | 14.40 | 1.248 | 1.12  | 1.435 |
| STROKE | 45 | 14.50 | 1.25  | 1.122 | 1.437 |
| STROKE | 45 | 14.60 | 1.252 | 1.123 | 1.44  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 14.70 | 1.254 | 1.125 | 1.443 |
| STROKE | 45 | 14.80 | 1.256 | 1.126 | 1.445 |
| STROKE | 45 | 14.90 | 1.258 | 1.128 | 1.448 |
| STROKE | 45 | 15.00 | 1.26  | 1.129 | 1.451 |
| STROKE | 45 | 15.10 | 1.262 | 1.131 | 1.453 |
| STROKE | 45 | 15.20 | 1.264 | 1.132 | 1.456 |
| STROKE | 45 | 15.30 | 1.267 | 1.134 | 1.458 |
| STROKE | 45 | 15.40 | 1.269 | 1.135 | 1.461 |
| STROKE | 45 | 15.50 | 1.271 | 1.137 | 1.463 |
| STROKE | 45 | 15.60 | 1.273 | 1.138 | 1.466 |
| STROKE | 45 | 15.70 | 1.275 | 1.139 | 1.468 |
| STROKE | 45 | 15.80 | 1.277 | 1.141 | 1.471 |
| STROKE | 45 | 15.90 | 1.279 | 1.142 | 1.473 |
| STROKE | 45 | 16.00 | 1.281 | 1.144 | 1.476 |
| STROKE | 45 | 16.10 | 1.283 | 1.145 | 1.478 |
| STROKE | 45 | 16.20 | 1.285 | 1.147 | 1.481 |
| STROKE | 45 | 16.30 | 1.287 | 1.148 | 1.483 |
| STROKE | 45 | 16.40 | 1.289 | 1.15  | 1.485 |
| STROKE | 45 | 16.50 | 1.291 | 1.151 | 1.488 |
| STROKE | 45 | 16.60 | 1.293 | 1.153 | 1.49  |
| STROKE | 45 | 16.70 | 1.295 | 1.154 | 1.493 |
| STROKE | 45 | 16.80 | 1.298 | 1.155 | 1.495 |
| STROKE | 45 | 16.90 | 1.3   | 1.157 | 1.498 |
| STROKE | 45 | 17.00 | 1.302 | 1.158 | 1.5   |
| STROKE | 45 | 17.10 | 1.304 | 1.16  | 1.503 |
| STROKE | 45 | 17.20 | 1.306 | 1.161 | 1.505 |
| STROKE | 45 | 17.30 | 1.308 | 1.163 | 1.508 |
| STROKE | 45 | 17.40 | 1.31  | 1.164 | 1.51  |
| STROKE | 45 | 17.50 | 1.312 | 1.165 | 1.513 |
| STROKE | 45 | 17.60 | 1.314 | 1.167 | 1.515 |
| STROKE | 45 | 17.70 | 1.316 | 1.168 | 1.518 |
| STROKE | 45 | 17.80 | 1.318 | 1.169 | 1.52  |
| STROKE | 45 | 17.90 | 1.32  | 1.171 | 1.523 |
| STROKE | 45 | 18.00 | 1.322 | 1.172 | 1.525 |
| STROKE | 45 | 18.10 | 1.324 | 1.174 | 1.528 |
| STROKE | 45 | 18.20 | 1.326 | 1.175 | 1.53  |
| STROKE | 45 | 18.30 | 1.328 | 1.176 | 1.532 |
| STROKE | 45 | 18.40 | 1.33  | 1.178 | 1.535 |
| STROKE | 45 | 18.50 | 1.332 | 1.179 | 1.537 |
| STROKE | 45 | 18.60 | 1.334 | 1.181 | 1.539 |
| STROKE | 45 | 18.70 | 1.336 | 1.182 | 1.541 |
| STROKE | 45 | 18.80 | 1.338 | 1.184 | 1.544 |
| STROKE | 45 | 18.90 | 1.34  | 1.185 | 1.546 |
| STROKE | 45 | 19.00 | 1.342 | 1.187 | 1.548 |
| STROKE | 45 | 19.10 | 1.344 | 1.188 | 1.551 |
| STROKE | 45 | 19.20 | 1.346 | 1.19  | 1.553 |
| STROKE | 45 | 19.30 | 1.348 | 1.191 | 1.555 |
| STROKE | 45 | 19.40 | 1.35  | 1.192 | 1.557 |
| STROKE | 45 | 19.50 | 1.352 | 1.194 | 1.559 |
| STROKE | 45 | 19.60 | 1.354 | 1.195 | 1.561 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 19.70 | 1.356 | 1.197 | 1.564 |
| STROKE | 45 | 19.80 | 1.358 | 1.198 | 1.566 |
| STROKE | 45 | 19.90 | 1.36  | 1.2   | 1.568 |
| STROKE | 45 | 20.00 | 1.362 | 1.201 | 1.57  |
| STROKE | 45 | 20.10 | 1.364 | 1.203 | 1.573 |
| STROKE | 45 | 20.20 | 1.366 | 1.204 | 1.575 |
| STROKE | 45 | 20.30 | 1.368 | 1.206 | 1.578 |
| STROKE | 45 | 20.40 | 1.37  | 1.207 | 1.58  |
| STROKE | 45 | 20.50 | 1.372 | 1.209 | 1.583 |
| STROKE | 45 | 20.60 | 1.374 | 1.21  | 1.585 |
| STROKE | 45 | 20.70 | 1.376 | 1.212 | 1.588 |
| STROKE | 45 | 20.80 | 1.378 | 1.213 | 1.591 |
| STROKE | 45 | 20.90 | 1.38  | 1.214 | 1.593 |
| STROKE | 45 | 21.00 | 1.382 | 1.216 | 1.596 |
| STROKE | 45 | 21.10 | 1.384 | 1.217 | 1.598 |
| STROKE | 45 | 21.20 | 1.386 | 1.219 | 1.6   |
| STROKE | 45 | 21.30 | 1.388 | 1.22  | 1.602 |
| STROKE | 45 | 21.40 | 1.39  | 1.222 | 1.604 |
| STROKE | 45 | 21.50 | 1.392 | 1.223 | 1.607 |
| STROKE | 45 | 21.60 | 1.394 | 1.225 | 1.609 |
| STROKE | 45 | 21.70 | 1.396 | 1.226 | 1.611 |
| STROKE | 45 | 21.80 | 1.398 | 1.228 | 1.613 |
| STROKE | 45 | 21.90 | 1.4   | 1.229 | 1.615 |
| STROKE | 45 | 22.00 | 1.402 | 1.231 | 1.617 |
| STROKE | 45 | 22.10 | 1.403 | 1.232 | 1.62  |
| STROKE | 45 | 22.20 | 1.405 | 1.233 | 1.622 |
| STROKE | 45 | 22.30 | 1.407 | 1.235 | 1.624 |
| STROKE | 45 | 22.40 | 1.409 | 1.236 | 1.626 |
| STROKE | 45 | 22.50 | 1.411 | 1.238 | 1.628 |
| STROKE | 45 | 22.60 | 1.413 | 1.239 | 1.63  |
| STROKE | 45 | 22.70 | 1.415 | 1.24  | 1.633 |
| STROKE | 45 | 22.80 | 1.417 | 1.242 | 1.635 |
| STROKE | 45 | 22.90 | 1.419 | 1.243 | 1.637 |
| STROKE | 45 | 23.00 | 1.421 | 1.245 | 1.639 |
| STROKE | 45 | 23.10 | 1.423 | 1.246 | 1.642 |
| STROKE | 45 | 23.20 | 1.425 | 1.248 | 1.644 |
| STROKE | 45 | 23.30 | 1.427 | 1.249 | 1.646 |
| STROKE | 45 | 23.40 | 1.429 | 1.25  | 1.648 |
| STROKE | 45 | 23.50 | 1.431 | 1.252 | 1.651 |
| STROKE | 45 | 23.60 | 1.432 | 1.253 | 1.653 |
| STROKE | 45 | 23.70 | 1.434 | 1.255 | 1.655 |
| STROKE | 45 | 23.80 | 1.436 | 1.256 | 1.658 |
| STROKE | 45 | 23.90 | 1.438 | 1.258 | 1.66  |
| STROKE | 45 | 24.00 | 1.44  | 1.259 | 1.662 |
| STROKE | 45 | 24.10 | 1.442 | 1.261 | 1.665 |
| STROKE | 45 | 24.20 | 1.444 | 1.262 | 1.667 |
| STROKE | 45 | 24.30 | 1.446 | 1.264 | 1.669 |
| STROKE | 45 | 24.40 | 1.448 | 1.265 | 1.671 |
| STROKE | 45 | 24.50 | 1.45  | 1.267 | 1.673 |
| STROKE | 45 | 24.60 | 1.452 | 1.268 | 1.676 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 24.70 | 1.454 | 1.27  | 1.678 |
| STROKE | 45 | 24.80 | 1.455 | 1.271 | 1.68  |
| STROKE | 45 | 24.90 | 1.457 | 1.273 | 1.682 |
| STROKE | 45 | 25.00 | 1.459 | 1.274 | 1.685 |
| STROKE | 45 | 25.10 | 1.461 | 1.276 | 1.687 |
| STROKE | 45 | 25.20 | 1.463 | 1.277 | 1.689 |
| STROKE | 45 | 25.30 | 1.465 | 1.279 | 1.692 |
| STROKE | 45 | 25.40 | 1.467 | 1.28  | 1.694 |
| STROKE | 45 | 25.50 | 1.469 | 1.282 | 1.697 |
| STROKE | 45 | 25.60 | 1.471 | 1.283 | 1.699 |
| STROKE | 45 | 25.70 | 1.473 | 1.285 | 1.702 |
| STROKE | 45 | 25.80 | 1.474 | 1.286 | 1.704 |
| STROKE | 45 | 25.90 | 1.476 | 1.288 | 1.707 |
| STROKE | 45 | 26.00 | 1.478 | 1.289 | 1.709 |
| STROKE | 45 | 26.10 | 1.48  | 1.291 | 1.711 |
| STROKE | 45 | 26.20 | 1.482 | 1.292 | 1.713 |
| STROKE | 45 | 26.30 | 1.484 | 1.293 | 1.715 |
| STROKE | 45 | 26.40 | 1.486 | 1.295 | 1.718 |
| STROKE | 45 | 26.50 | 1.488 | 1.296 | 1.72  |
| STROKE | 45 | 26.60 | 1.489 | 1.298 | 1.722 |
| STROKE | 45 | 26.70 | 1.491 | 1.299 | 1.724 |
| STROKE | 45 | 26.80 | 1.493 | 1.301 | 1.726 |
| STROKE | 45 | 26.90 | 1.495 | 1.302 | 1.728 |
| STROKE | 45 | 27.00 | 1.497 | 1.304 | 1.73  |
| STROKE | 45 | 27.10 | 1.499 | 1.305 | 1.732 |
| STROKE | 45 | 27.20 | 1.501 | 1.307 | 1.734 |
| STROKE | 45 | 27.30 | 1.503 | 1.308 | 1.736 |
| STROKE | 45 | 27.40 | 1.504 | 1.31  | 1.738 |
| STROKE | 45 | 27.50 | 1.506 | 1.311 | 1.74  |
| STROKE | 45 | 27.60 | 1.508 | 1.313 | 1.742 |
| STROKE | 45 | 27.70 | 1.51  | 1.314 | 1.744 |
| STROKE | 45 | 27.80 | 1.512 | 1.316 | 1.746 |
| STROKE | 45 | 27.90 | 1.514 | 1.317 | 1.748 |
| STROKE | 45 | 28.00 | 1.516 | 1.318 | 1.75  |
| STROKE | 45 | 28.10 | 1.517 | 1.32  | 1.752 |
| STROKE | 45 | 28.20 | 1.519 | 1.321 | 1.754 |
| STROKE | 45 | 28.30 | 1.521 | 1.322 | 1.756 |
| STROKE | 45 | 28.40 | 1.523 | 1.324 | 1.758 |
| STROKE | 45 | 28.50 | 1.525 | 1.325 | 1.76  |
| STROKE | 45 | 28.60 | 1.527 | 1.326 | 1.762 |
| STROKE | 45 | 28.70 | 1.529 | 1.328 | 1.764 |
| STROKE | 45 | 28.80 | 1.53  | 1.329 | 1.766 |
| STROKE | 45 | 28.90 | 1.532 | 1.331 | 1.768 |
| STROKE | 45 | 29.00 | 1.534 | 1.332 | 1.77  |
| STROKE | 45 | 29.10 | 1.536 | 1.333 | 1.772 |
| STROKE | 45 | 29.20 | 1.538 | 1.334 | 1.774 |
| STROKE | 45 | 29.30 | 1.54  | 1.336 | 1.776 |
| STROKE | 45 | 29.40 | 1.541 | 1.337 | 1.778 |
| STROKE | 45 | 29.50 | 1.543 | 1.338 | 1.78  |
| STROKE | 45 | 29.60 | 1.545 | 1.34  | 1.782 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 29.70 | 1.547 | 1.341 | 1.784 |
| STROKE | 45 | 29.80 | 1.549 | 1.342 | 1.786 |
| STROKE | 45 | 29.90 | 1.551 | 1.344 | 1.788 |
| STROKE | 45 | 30.00 | 1.552 | 1.345 | 1.79  |
| STROKE | 45 | 30.10 | 1.554 | 1.346 | 1.792 |
| STROKE | 45 | 30.20 | 1.556 | 1.348 | 1.795 |
| STROKE | 45 | 30.30 | 1.558 | 1.349 | 1.797 |
| STROKE | 45 | 30.40 | 1.56  | 1.35  | 1.799 |
| STROKE | 45 | 30.50 | 1.561 | 1.351 | 1.802 |
| STROKE | 45 | 30.60 | 1.563 | 1.353 | 1.804 |
| STROKE | 45 | 30.70 | 1.565 | 1.354 | 1.807 |
| STROKE | 45 | 30.80 | 1.567 | 1.355 | 1.809 |
| STROKE | 45 | 30.90 | 1.569 | 1.356 | 1.811 |
| STROKE | 45 | 31.00 | 1.571 | 1.357 | 1.814 |
| STROKE | 45 | 31.10 | 1.572 | 1.359 | 1.816 |
| STROKE | 45 | 31.20 | 1.574 | 1.36  | 1.819 |
| STROKE | 45 | 31.30 | 1.576 | 1.362 | 1.821 |
| STROKE | 45 | 31.40 | 1.578 | 1.363 | 1.823 |
| STROKE | 45 | 31.50 | 1.58  | 1.364 | 1.826 |
| STROKE | 45 | 31.60 | 1.581 | 1.366 | 1.828 |
| STROKE | 45 | 31.70 | 1.583 | 1.367 | 1.831 |
| STROKE | 45 | 31.80 | 1.585 | 1.368 | 1.833 |
| STROKE | 45 | 31.90 | 1.587 | 1.37  | 1.836 |
| STROKE | 45 | 32.00 | 1.589 | 1.371 | 1.838 |
| STROKE | 45 | 32.10 | 1.59  | 1.373 | 1.84  |
| STROKE | 45 | 32.20 | 1.592 | 1.374 | 1.842 |
| STROKE | 45 | 32.30 | 1.594 | 1.376 | 1.845 |
| STROKE | 45 | 32.40 | 1.596 | 1.377 | 1.847 |
| STROKE | 45 | 32.50 | 1.597 | 1.378 | 1.849 |
| STROKE | 45 | 32.60 | 1.599 | 1.38  | 1.851 |
| STROKE | 45 | 32.70 | 1.601 | 1.381 | 1.853 |
| STROKE | 45 | 32.80 | 1.603 | 1.383 | 1.856 |
| STROKE | 45 | 32.90 | 1.605 | 1.384 | 1.858 |
| STROKE | 45 | 33.00 | 1.606 | 1.386 | 1.86  |
| STROKE | 45 | 33.10 | 1.608 | 1.387 | 1.862 |
| STROKE | 45 | 33.20 | 1.61  | 1.388 | 1.865 |
| STROKE | 45 | 33.30 | 1.612 | 1.39  | 1.867 |
| STROKE | 45 | 33.40 | 1.613 | 1.391 | 1.869 |
| STROKE | 45 | 33.50 | 1.615 | 1.393 | 1.872 |
| STROKE | 45 | 33.60 | 1.617 | 1.394 | 1.874 |
| STROKE | 45 | 33.70 | 1.619 | 1.396 | 1.876 |
| STROKE | 45 | 33.80 | 1.621 | 1.397 | 1.879 |
| STROKE | 45 | 33.90 | 1.622 | 1.398 | 1.881 |
| STROKE | 45 | 34.00 | 1.624 | 1.4   | 1.883 |
| STROKE | 45 | 34.10 | 1.626 | 1.401 | 1.885 |
| STROKE | 45 | 34.20 | 1.628 | 1.403 | 1.888 |
| STROKE | 45 | 34.30 | 1.629 | 1.404 | 1.89  |
| STROKE | 45 | 34.40 | 1.631 | 1.405 | 1.892 |
| STROKE | 45 | 34.50 | 1.633 | 1.407 | 1.894 |
| STROKE | 45 | 34.60 | 1.635 | 1.408 | 1.896 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 34.70 | 1.636 | 1.41  | 1.898 |
| STROKE | 45 | 34.80 | 1.638 | 1.411 | 1.9   |
| STROKE | 45 | 34.90 | 1.64  | 1.413 | 1.902 |
| STROKE | 45 | 35.00 | 1.642 | 1.414 | 1.904 |
| STROKE | 45 | 35.10 | 1.643 | 1.415 | 1.906 |
| STROKE | 45 | 35.20 | 1.645 | 1.417 | 1.908 |
| STROKE | 45 | 35.30 | 1.647 | 1.418 | 1.909 |
| STROKE | 45 | 35.40 | 1.649 | 1.42  | 1.911 |
| STROKE | 45 | 35.50 | 1.65  | 1.421 | 1.912 |
| STROKE | 45 | 35.60 | 1.652 | 1.422 | 1.914 |
| STROKE | 45 | 35.70 | 1.654 | 1.424 | 1.916 |
| STROKE | 45 | 35.80 | 1.656 | 1.425 | 1.917 |
| STROKE | 45 | 35.90 | 1.657 | 1.427 | 1.919 |
| STROKE | 45 | 36.00 | 1.659 | 1.428 | 1.92  |
| STROKE | 45 | 36.10 | 1.661 | 1.429 | 1.923 |
| STROKE | 45 | 36.20 | 1.662 | 1.431 | 1.925 |
| STROKE | 45 | 36.30 | 1.664 | 1.432 | 1.927 |
| STROKE | 45 | 36.40 | 1.666 | 1.434 | 1.929 |
| STROKE | 45 | 36.50 | 1.668 | 1.435 | 1.931 |
| STROKE | 45 | 36.60 | 1.669 | 1.437 | 1.933 |
| STROKE | 45 | 36.70 | 1.671 | 1.438 | 1.935 |
| STROKE | 45 | 36.80 | 1.673 | 1.439 | 1.937 |
| STROKE | 45 | 36.90 | 1.675 | 1.441 | 1.94  |
| STROKE | 45 | 37.00 | 1.676 | 1.442 | 1.942 |
| STROKE | 45 | 37.10 | 1.678 | 1.444 | 1.944 |
| STROKE | 45 | 37.20 | 1.68  | 1.445 | 1.946 |
| STROKE | 45 | 37.30 | 1.681 | 1.447 | 1.948 |
| STROKE | 45 | 37.40 | 1.683 | 1.448 | 1.951 |
| STROKE | 45 | 37.50 | 1.685 | 1.45  | 1.953 |
| STROKE | 45 | 37.60 | 1.687 | 1.451 | 1.955 |
| STROKE | 45 | 37.70 | 1.688 | 1.453 | 1.957 |
| STROKE | 45 | 37.80 | 1.69  | 1.454 | 1.959 |
| STROKE | 45 | 37.90 | 1.692 | 1.456 | 1.962 |
| STROKE | 45 | 38.00 | 1.693 | 1.457 | 1.964 |
| STROKE | 45 | 38.10 | 1.695 | 1.459 | 1.966 |
| STROKE | 45 | 38.20 | 1.697 | 1.46  | 1.968 |
| STROKE | 45 | 38.30 | 1.699 | 1.462 | 1.97  |
| STROKE | 45 | 38.40 | 1.7   | 1.463 | 1.972 |
| STROKE | 45 | 38.50 | 1.702 | 1.464 | 1.975 |
| STROKE | 45 | 38.60 | 1.704 | 1.466 | 1.977 |
| STROKE | 45 | 38.70 | 1.705 | 1.467 | 1.979 |
| STROKE | 45 | 38.80 | 1.707 | 1.469 | 1.981 |
| STROKE | 45 | 38.90 | 1.709 | 1.47  | 1.983 |
| STROKE | 45 | 39.00 | 1.71  | 1.472 | 1.986 |
| STROKE | 45 | 39.10 | 1.712 | 1.473 | 1.988 |
| STROKE | 45 | 39.20 | 1.714 | 1.475 | 1.99  |
| STROKE | 45 | 39.30 | 1.715 | 1.476 | 1.992 |
| STROKE | 45 | 39.40 | 1.717 | 1.478 | 1.994 |
| STROKE | 45 | 39.50 | 1.719 | 1.479 | 1.996 |
| STROKE | 45 | 39.60 | 1.72  | 1.481 | 1.999 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 39.70 | 1.722 | 1.482 | 2.001 |
| STROKE | 45 | 39.80 | 1.724 | 1.484 | 2.003 |
| STROKE | 45 | 39.90 | 1.726 | 1.485 | 2.005 |
| STROKE | 45 | 40.00 | 1.727 | 1.487 | 2.007 |
| STROKE | 45 | 40.10 | 1.729 | 1.488 | 2.009 |
| STROKE | 45 | 40.20 | 1.731 | 1.489 | 2.012 |
| STROKE | 45 | 40.30 | 1.732 | 1.491 | 2.014 |
| STROKE | 45 | 40.40 | 1.734 | 1.492 | 2.016 |
| STROKE | 45 | 40.50 | 1.736 | 1.493 | 2.018 |
| STROKE | 45 | 40.60 | 1.737 | 1.495 | 2.02  |
| STROKE | 45 | 40.70 | 1.739 | 1.496 | 2.022 |
| STROKE | 45 | 40.80 | 1.741 | 1.497 | 2.025 |
| STROKE | 45 | 40.90 | 1.742 | 1.499 | 2.027 |
| STROKE | 45 | 41.00 | 1.744 | 1.5   | 2.029 |
| STROKE | 45 | 41.10 | 1.745 | 1.501 | 2.031 |
| STROKE | 45 | 41.20 | 1.747 | 1.502 | 2.033 |
| STROKE | 45 | 41.30 | 1.749 | 1.503 | 2.035 |
| STROKE | 45 | 41.40 | 1.75  | 1.505 | 2.037 |
| STROKE | 45 | 41.50 | 1.752 | 1.506 | 2.038 |
| STROKE | 45 | 41.60 | 1.754 | 1.507 | 2.04  |
| STROKE | 45 | 41.70 | 1.755 | 1.508 | 2.042 |
| STROKE | 45 | 41.80 | 1.757 | 1.509 | 2.044 |
| STROKE | 45 | 41.90 | 1.759 | 1.51  | 2.046 |
| STROKE | 45 | 42.00 | 1.76  | 1.511 | 2.048 |
| STROKE | 45 | 42.10 | 1.762 | 1.513 | 2.05  |
| STROKE | 45 | 42.20 | 1.764 | 1.514 | 2.052 |
| STROKE | 45 | 42.30 | 1.765 | 1.515 | 2.054 |
| STROKE | 45 | 42.40 | 1.767 | 1.516 | 2.056 |
| STROKE | 45 | 42.50 | 1.769 | 1.518 | 2.057 |
| STROKE | 45 | 42.60 | 1.77  | 1.519 | 2.059 |
| STROKE | 45 | 42.70 | 1.772 | 1.52  | 2.061 |
| STROKE | 45 | 42.80 | 1.773 | 1.521 | 2.063 |
| STROKE | 45 | 42.90 | 1.775 | 1.522 | 2.065 |
| STROKE | 45 | 43.00 | 1.777 | 1.524 | 2.067 |
| STROKE | 45 | 43.10 | 1.778 | 1.525 | 2.069 |
| STROKE | 45 | 43.20 | 1.78  | 1.526 | 2.071 |
| STROKE | 45 | 43.30 | 1.782 | 1.527 | 2.073 |
| STROKE | 45 | 43.40 | 1.783 | 1.529 | 2.075 |
| STROKE | 45 | 43.50 | 1.785 | 1.53  | 2.078 |
| STROKE | 45 | 43.60 | 1.786 | 1.531 | 2.08  |
| STROKE | 45 | 43.70 | 1.788 | 1.533 | 2.082 |
| STROKE | 45 | 43.80 | 1.79  | 1.534 | 2.084 |
| STROKE | 45 | 43.90 | 1.791 | 1.535 | 2.086 |
| STROKE | 45 | 44.00 | 1.793 | 1.536 | 2.088 |
| STROKE | 45 | 44.10 | 1.794 | 1.538 | 2.09  |
| STROKE | 45 | 44.20 | 1.796 | 1.539 | 2.092 |
| STROKE | 45 | 44.30 | 1.798 | 1.54  | 2.095 |
| STROKE | 45 | 44.40 | 1.799 | 1.542 | 2.097 |
| STROKE | 45 | 44.50 | 1.801 | 1.543 | 2.099 |
| STROKE | 45 | 44.60 | 1.802 | 1.545 | 2.101 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 44.70 | 1.804 | 1.546 | 2.103 |
| STROKE | 45 | 44.80 | 1.806 | 1.547 | 2.105 |
| STROKE | 45 | 44.90 | 1.807 | 1.549 | 2.107 |
| STROKE | 45 | 45.00 | 1.809 | 1.55  | 2.109 |
| STROKE | 45 | 45.10 | 1.81  | 1.551 | 2.111 |
| STROKE | 45 | 45.20 | 1.812 | 1.552 | 2.113 |
| STROKE | 45 | 45.30 | 1.814 | 1.553 | 2.116 |
| STROKE | 45 | 45.40 | 1.815 | 1.554 | 2.118 |
| STROKE | 45 | 45.50 | 1.817 | 1.555 | 2.12  |
| STROKE | 45 | 45.60 | 1.818 | 1.556 | 2.122 |
| STROKE | 45 | 45.70 | 1.82  | 1.557 | 2.124 |
| STROKE | 45 | 45.80 | 1.822 | 1.558 | 2.126 |
| STROKE | 45 | 45.90 | 1.823 | 1.559 | 2.128 |
| STROKE | 45 | 46.00 | 1.825 | 1.559 | 2.13  |
| STROKE | 45 | 46.10 | 1.826 | 1.56  | 2.132 |
| STROKE | 45 | 46.20 | 1.828 | 1.561 | 2.134 |
| STROKE | 45 | 46.30 | 1.829 | 1.562 | 2.136 |
| STROKE | 45 | 46.40 | 1.831 | 1.563 | 2.138 |
| STROKE | 45 | 46.50 | 1.833 | 1.564 | 2.14  |
| STROKE | 45 | 46.60 | 1.834 | 1.565 | 2.142 |
| STROKE | 45 | 46.70 | 1.836 | 1.565 | 2.144 |
| STROKE | 45 | 46.80 | 1.837 | 1.566 | 2.146 |
| STROKE | 45 | 46.90 | 1.839 | 1.567 | 2.148 |
| STROKE | 45 | 47.00 | 1.84  | 1.568 | 2.15  |
| STROKE | 45 | 47.10 | 1.842 | 1.569 | 2.152 |
| STROKE | 45 | 47.20 | 1.844 | 1.571 | 2.154 |
| STROKE | 45 | 47.30 | 1.845 | 1.572 | 2.156 |
| STROKE | 45 | 47.40 | 1.847 | 1.573 | 2.158 |
| STROKE | 45 | 47.50 | 1.848 | 1.574 | 2.159 |
| STROKE | 45 | 47.60 | 1.85  | 1.576 | 2.161 |
| STROKE | 45 | 47.70 | 1.851 | 1.577 | 2.163 |
| STROKE | 45 | 47.80 | 1.853 | 1.578 | 2.165 |
| STROKE | 45 | 47.90 | 1.854 | 1.58  | 2.166 |
| STROKE | 45 | 48.00 | 1.856 | 1.581 | 2.168 |
| STROKE | 45 | 48.10 | 1.857 | 1.582 | 2.17  |
| STROKE | 45 | 48.20 | 1.859 | 1.583 | 2.172 |
| STROKE | 45 | 48.30 | 1.861 | 1.584 | 2.173 |
| STROKE | 45 | 48.40 | 1.862 | 1.585 | 2.175 |
| STROKE | 45 | 48.50 | 1.864 | 1.587 | 2.177 |
| STROKE | 45 | 48.60 | 1.865 | 1.588 | 2.179 |
| STROKE | 45 | 48.70 | 1.867 | 1.589 | 2.18  |
| STROKE | 45 | 48.80 | 1.868 | 1.59  | 2.182 |
| STROKE | 45 | 48.90 | 1.87  | 1.591 | 2.184 |
| STROKE | 45 | 49.00 | 1.871 | 1.592 | 2.186 |
| STROKE | 45 | 49.10 | 1.873 | 1.594 | 2.188 |
| STROKE | 45 | 49.20 | 1.874 | 1.595 | 2.19  |
| STROKE | 45 | 49.30 | 1.876 | 1.596 | 2.191 |
| STROKE | 45 | 49.40 | 1.877 | 1.597 | 2.193 |
| STROKE | 45 | 49.50 | 1.879 | 1.599 | 2.195 |
| STROKE | 45 | 49.60 | 1.88  | 1.6   | 2.197 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 45 | 49.70 | 1.882 | 1.601 | 2.199 |
| STROKE | 45 | 49.80 | 1.883 | 1.603 | 2.201 |
| STROKE | 45 | 49.90 | 1.885 | 1.604 | 2.203 |
| STROKE | 50 | 0.00  | 1     | 1     | 1     |
| STROKE | 50 | 0.10  | 1     | 1     | 1     |
| STROKE | 50 | 0.20  | 1     | 1     | 1     |
| STROKE | 50 | 0.30  | 1     | 1     | 1     |
| STROKE | 50 | 0.40  | 1     | 1     | 1     |
| STROKE | 50 | 0.50  | 1     | 1     | 1     |
| STROKE | 50 | 0.60  | 1     | 1     | 1     |
| STROKE | 50 | 0.70  | 1     | 1     | 1     |
| STROKE | 50 | 0.80  | 1     | 1     | 1     |
| STROKE | 50 | 0.90  | 1     | 1     | 1     |
| STROKE | 50 | 1.00  | 1     | 1     | 1     |
| STROKE | 50 | 1.10  | 1     | 1     | 1     |
| STROKE | 50 | 1.20  | 1     | 1     | 1     |
| STROKE | 50 | 1.30  | 1     | 1     | 1     |
| STROKE | 50 | 1.40  | 1     | 1     | 1     |
| STROKE | 50 | 1.50  | 1     | 1     | 1     |
| STROKE | 50 | 1.60  | 1     | 1     | 1     |
| STROKE | 50 | 1.70  | 1     | 1     | 1.003 |
| STROKE | 50 | 1.80  | 1.001 | 1     | 1.007 |
| STROKE | 50 | 1.90  | 1.001 | 1     | 1.01  |
| STROKE | 50 | 2.00  | 1.001 | 1     | 1.013 |
| STROKE | 50 | 2.10  | 1.001 | 1     | 1.016 |
| STROKE | 50 | 2.20  | 1.002 | 1     | 1.02  |
| STROKE | 50 | 2.30  | 1.002 | 1     | 1.024 |
| STROKE | 50 | 2.40  | 1.003 | 1     | 1.028 |
| STROKE | 50 | 2.50  | 1.003 | 1     | 1.031 |
| STROKE | 50 | 2.60  | 1.004 | 1     | 1.035 |
| STROKE | 50 | 2.70  | 1.005 | 1     | 1.038 |
| STROKE | 50 | 2.80  | 1.005 | 1     | 1.042 |
| STROKE | 50 | 2.90  | 1.006 | 1     | 1.046 |
| STROKE | 50 | 3.00  | 1.007 | 1     | 1.05  |
| STROKE | 50 | 3.10  | 1.008 | 1     | 1.054 |
| STROKE | 50 | 3.20  | 1.009 | 1     | 1.058 |
| STROKE | 50 | 3.30  | 1.01  | 1     | 1.061 |
| STROKE | 50 | 3.40  | 1.011 | 1     | 1.065 |
| STROKE | 50 | 3.50  | 1.012 | 1     | 1.068 |
| STROKE | 50 | 3.60  | 1.014 | 1     | 1.071 |
| STROKE | 50 | 3.70  | 1.015 | 1     | 1.074 |
| STROKE | 50 | 3.80  | 1.016 | 1     | 1.078 |
| STROKE | 50 | 3.90  | 1.018 | 1     | 1.081 |
| STROKE | 50 | 4.00  | 1.019 | 1     | 1.084 |
| STROKE | 50 | 4.10  | 1.021 | 1     | 1.087 |
| STROKE | 50 | 4.20  | 1.022 | 1     | 1.091 |
| STROKE | 50 | 4.30  | 1.024 | 1     | 1.094 |
| STROKE | 50 | 4.40  | 1.026 | 1     | 1.097 |
| STROKE | 50 | 4.50  | 1.027 | 1     | 1.1   |
| STROKE | 50 | 4.60  | 1.029 | 1     | 1.103 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 50 | 4.70 | 1.031 | 1     | 1.106 |
| STROKE | 50 | 4.80 | 1.033 | 1     | 1.11  |
| STROKE | 50 | 4.90 | 1.035 | 1     | 1.113 |
| STROKE | 50 | 5.00 | 1.036 | 1     | 1.116 |
| STROKE | 50 | 5.10 | 1.038 | 1     | 1.119 |
| STROKE | 50 | 5.20 | 1.04  | 1     | 1.123 |
| STROKE | 50 | 5.30 | 1.042 | 1     | 1.126 |
| STROKE | 50 | 5.40 | 1.044 | 1     | 1.129 |
| STROKE | 50 | 5.50 | 1.046 | 1     | 1.132 |
| STROKE | 50 | 5.60 | 1.048 | 1     | 1.135 |
| STROKE | 50 | 5.70 | 1.05  | 1     | 1.139 |
| STROKE | 50 | 5.80 | 1.052 | 1     | 1.142 |
| STROKE | 50 | 5.90 | 1.054 | 1     | 1.146 |
| STROKE | 50 | 6.00 | 1.056 | 1     | 1.149 |
| STROKE | 50 | 6.10 | 1.058 | 1     | 1.152 |
| STROKE | 50 | 6.20 | 1.06  | 1     | 1.155 |
| STROKE | 50 | 6.30 | 1.062 | 1     | 1.159 |
| STROKE | 50 | 6.40 | 1.064 | 1     | 1.162 |
| STROKE | 50 | 6.50 | 1.066 | 1     | 1.165 |
| STROKE | 50 | 6.60 | 1.068 | 1.001 | 1.168 |
| STROKE | 50 | 6.70 | 1.07  | 1.003 | 1.171 |
| STROKE | 50 | 6.80 | 1.072 | 1.004 | 1.174 |
| STROKE | 50 | 6.90 | 1.074 | 1.005 | 1.177 |
| STROKE | 50 | 7.00 | 1.076 | 1.007 | 1.181 |
| STROKE | 50 | 7.10 | 1.078 | 1.008 | 1.184 |
| STROKE | 50 | 7.20 | 1.08  | 1.01  | 1.187 |
| STROKE | 50 | 7.30 | 1.082 | 1.011 | 1.19  |
| STROKE | 50 | 7.40 | 1.084 | 1.013 | 1.193 |
| STROKE | 50 | 7.50 | 1.087 | 1.014 | 1.196 |
| STROKE | 50 | 7.60 | 1.089 | 1.016 | 1.2   |
| STROKE | 50 | 7.70 | 1.091 | 1.017 | 1.203 |
| STROKE | 50 | 7.80 | 1.093 | 1.018 | 1.206 |
| STROKE | 50 | 7.90 | 1.095 | 1.02  | 1.208 |
| STROKE | 50 | 8.00 | 1.097 | 1.021 | 1.211 |
| STROKE | 50 | 8.10 | 1.099 | 1.023 | 1.214 |
| STROKE | 50 | 8.20 | 1.101 | 1.024 | 1.217 |
| STROKE | 50 | 8.30 | 1.103 | 1.025 | 1.22  |
| STROKE | 50 | 8.40 | 1.105 | 1.027 | 1.223 |
| STROKE | 50 | 8.50 | 1.107 | 1.028 | 1.226 |
| STROKE | 50 | 8.60 | 1.109 | 1.03  | 1.228 |
| STROKE | 50 | 8.70 | 1.111 | 1.031 | 1.231 |
| STROKE | 50 | 8.80 | 1.113 | 1.033 | 1.234 |
| STROKE | 50 | 8.90 | 1.115 | 1.034 | 1.237 |
| STROKE | 50 | 9.00 | 1.117 | 1.036 | 1.24  |
| STROKE | 50 | 9.10 | 1.119 | 1.037 | 1.242 |
| STROKE | 50 | 9.20 | 1.121 | 1.038 | 1.245 |
| STROKE | 50 | 9.30 | 1.123 | 1.04  | 1.248 |
| STROKE | 50 | 9.40 | 1.125 | 1.041 | 1.251 |
| STROKE | 50 | 9.50 | 1.127 | 1.043 | 1.254 |
| STROKE | 50 | 9.60 | 1.129 | 1.044 | 1.256 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 9.70  | 1.131 | 1.046 | 1.259 |
| STROKE | 50 | 9.80  | 1.133 | 1.047 | 1.262 |
| STROKE | 50 | 9.90  | 1.135 | 1.048 | 1.265 |
| STROKE | 50 | 10.00 | 1.137 | 1.05  | 1.267 |
| STROKE | 50 | 10.10 | 1.139 | 1.051 | 1.27  |
| STROKE | 50 | 10.20 | 1.141 | 1.053 | 1.273 |
| STROKE | 50 | 10.30 | 1.143 | 1.054 | 1.276 |
| STROKE | 50 | 10.40 | 1.145 | 1.056 | 1.279 |
| STROKE | 50 | 10.50 | 1.147 | 1.057 | 1.281 |
| STROKE | 50 | 10.60 | 1.149 | 1.058 | 1.284 |
| STROKE | 50 | 10.70 | 1.151 | 1.06  | 1.287 |
| STROKE | 50 | 10.80 | 1.153 | 1.061 | 1.29  |
| STROKE | 50 | 10.90 | 1.155 | 1.063 | 1.293 |
| STROKE | 50 | 11.00 | 1.157 | 1.064 | 1.295 |
| STROKE | 50 | 11.10 | 1.159 | 1.066 | 1.298 |
| STROKE | 50 | 11.20 | 1.16  | 1.067 | 1.301 |
| STROKE | 50 | 11.30 | 1.162 | 1.069 | 1.304 |
| STROKE | 50 | 11.40 | 1.164 | 1.07  | 1.307 |
| STROKE | 50 | 11.50 | 1.166 | 1.071 | 1.309 |
| STROKE | 50 | 11.60 | 1.168 | 1.073 | 1.312 |
| STROKE | 50 | 11.70 | 1.17  | 1.074 | 1.315 |
| STROKE | 50 | 11.80 | 1.172 | 1.076 | 1.318 |
| STROKE | 50 | 11.90 | 1.174 | 1.077 | 1.32  |
| STROKE | 50 | 12.00 | 1.176 | 1.079 | 1.323 |
| STROKE | 50 | 12.10 | 1.178 | 1.08  | 1.326 |
| STROKE | 50 | 12.20 | 1.18  | 1.081 | 1.329 |
| STROKE | 50 | 12.30 | 1.182 | 1.083 | 1.331 |
| STROKE | 50 | 12.40 | 1.184 | 1.084 | 1.334 |
| STROKE | 50 | 12.50 | 1.186 | 1.086 | 1.337 |
| STROKE | 50 | 12.60 | 1.188 | 1.087 | 1.34  |
| STROKE | 50 | 12.70 | 1.19  | 1.088 | 1.342 |
| STROKE | 50 | 12.80 | 1.192 | 1.09  | 1.345 |
| STROKE | 50 | 12.90 | 1.193 | 1.091 | 1.348 |
| STROKE | 50 | 13.00 | 1.195 | 1.092 | 1.351 |
| STROKE | 50 | 13.10 | 1.197 | 1.094 | 1.353 |
| STROKE | 50 | 13.20 | 1.199 | 1.095 | 1.356 |
| STROKE | 50 | 13.30 | 1.201 | 1.096 | 1.358 |
| STROKE | 50 | 13.40 | 1.203 | 1.097 | 1.361 |
| STROKE | 50 | 13.50 | 1.205 | 1.099 | 1.364 |
| STROKE | 50 | 13.60 | 1.207 | 1.1   | 1.366 |
| STROKE | 50 | 13.70 | 1.209 | 1.101 | 1.369 |
| STROKE | 50 | 13.80 | 1.211 | 1.102 | 1.372 |
| STROKE | 50 | 13.90 | 1.213 | 1.104 | 1.374 |
| STROKE | 50 | 14.00 | 1.214 | 1.105 | 1.377 |
| STROKE | 50 | 14.10 | 1.216 | 1.106 | 1.38  |
| STROKE | 50 | 14.20 | 1.218 | 1.108 | 1.382 |
| STROKE | 50 | 14.30 | 1.22  | 1.109 | 1.385 |
| STROKE | 50 | 14.40 | 1.222 | 1.111 | 1.387 |
| STROKE | 50 | 14.50 | 1.224 | 1.112 | 1.39  |
| STROKE | 50 | 14.60 | 1.226 | 1.114 | 1.392 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 14.70 | 1.228 | 1.115 | 1.395 |
| STROKE | 50 | 14.80 | 1.23  | 1.116 | 1.397 |
| STROKE | 50 | 14.90 | 1.231 | 1.118 | 1.4   |
| STROKE | 50 | 15.00 | 1.233 | 1.119 | 1.402 |
| STROKE | 50 | 15.10 | 1.235 | 1.121 | 1.405 |
| STROKE | 50 | 15.20 | 1.237 | 1.122 | 1.407 |
| STROKE | 50 | 15.30 | 1.239 | 1.123 | 1.41  |
| STROKE | 50 | 15.40 | 1.241 | 1.125 | 1.412 |
| STROKE | 50 | 15.50 | 1.243 | 1.126 | 1.415 |
| STROKE | 50 | 15.60 | 1.244 | 1.128 | 1.417 |
| STROKE | 50 | 15.70 | 1.246 | 1.129 | 1.42  |
| STROKE | 50 | 15.80 | 1.248 | 1.131 | 1.422 |
| STROKE | 50 | 15.90 | 1.25  | 1.132 | 1.425 |
| STROKE | 50 | 16.00 | 1.252 | 1.133 | 1.427 |
| STROKE | 50 | 16.10 | 1.254 | 1.135 | 1.43  |
| STROKE | 50 | 16.20 | 1.256 | 1.136 | 1.432 |
| STROKE | 50 | 16.30 | 1.257 | 1.138 | 1.435 |
| STROKE | 50 | 16.40 | 1.259 | 1.139 | 1.437 |
| STROKE | 50 | 16.50 | 1.261 | 1.14  | 1.44  |
| STROKE | 50 | 16.60 | 1.263 | 1.142 | 1.442 |
| STROKE | 50 | 16.70 | 1.265 | 1.143 | 1.445 |
| STROKE | 50 | 16.80 | 1.267 | 1.145 | 1.447 |
| STROKE | 50 | 16.90 | 1.269 | 1.146 | 1.449 |
| STROKE | 50 | 17.00 | 1.27  | 1.148 | 1.452 |
| STROKE | 50 | 17.10 | 1.272 | 1.149 | 1.454 |
| STROKE | 50 | 17.20 | 1.274 | 1.15  | 1.457 |
| STROKE | 50 | 17.30 | 1.276 | 1.151 | 1.459 |
| STROKE | 50 | 17.40 | 1.278 | 1.153 | 1.461 |
| STROKE | 50 | 17.50 | 1.28  | 1.154 | 1.464 |
| STROKE | 50 | 17.60 | 1.281 | 1.155 | 1.466 |
| STROKE | 50 | 17.70 | 1.283 | 1.156 | 1.469 |
| STROKE | 50 | 17.80 | 1.285 | 1.158 | 1.471 |
| STROKE | 50 | 17.90 | 1.287 | 1.159 | 1.473 |
| STROKE | 50 | 18.00 | 1.289 | 1.16  | 1.476 |
| STROKE | 50 | 18.10 | 1.29  | 1.161 | 1.478 |
| STROKE | 50 | 18.20 | 1.292 | 1.163 | 1.48  |
| STROKE | 50 | 18.30 | 1.294 | 1.164 | 1.483 |
| STROKE | 50 | 18.40 | 1.296 | 1.165 | 1.485 |
| STROKE | 50 | 18.50 | 1.298 | 1.166 | 1.487 |
| STROKE | 50 | 18.60 | 1.299 | 1.167 | 1.489 |
| STROKE | 50 | 18.70 | 1.301 | 1.169 | 1.491 |
| STROKE | 50 | 18.80 | 1.303 | 1.17  | 1.494 |
| STROKE | 50 | 18.90 | 1.305 | 1.171 | 1.496 |
| STROKE | 50 | 19.00 | 1.307 | 1.172 | 1.498 |
| STROKE | 50 | 19.10 | 1.308 | 1.174 | 1.5   |
| STROKE | 50 | 19.20 | 1.31  | 1.175 | 1.503 |
| STROKE | 50 | 19.30 | 1.312 | 1.176 | 1.505 |
| STROKE | 50 | 19.40 | 1.314 | 1.178 | 1.507 |
| STROKE | 50 | 19.50 | 1.316 | 1.179 | 1.509 |
| STROKE | 50 | 19.60 | 1.317 | 1.18  | 1.511 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 19.70 | 1.319 | 1.182 | 1.513 |
| STROKE | 50 | 19.80 | 1.321 | 1.183 | 1.516 |
| STROKE | 50 | 19.90 | 1.323 | 1.184 | 1.518 |
| STROKE | 50 | 20.00 | 1.325 | 1.185 | 1.52  |
| STROKE | 50 | 20.10 | 1.326 | 1.187 | 1.522 |
| STROKE | 50 | 20.20 | 1.328 | 1.188 | 1.524 |
| STROKE | 50 | 20.30 | 1.33  | 1.19  | 1.526 |
| STROKE | 50 | 20.40 | 1.332 | 1.191 | 1.528 |
| STROKE | 50 | 20.50 | 1.333 | 1.192 | 1.53  |
| STROKE | 50 | 20.60 | 1.335 | 1.194 | 1.532 |
| STROKE | 50 | 20.70 | 1.337 | 1.195 | 1.535 |
| STROKE | 50 | 20.80 | 1.339 | 1.196 | 1.537 |
| STROKE | 50 | 20.90 | 1.34  | 1.198 | 1.539 |
| STROKE | 50 | 21.00 | 1.342 | 1.199 | 1.541 |
| STROKE | 50 | 21.10 | 1.344 | 1.201 | 1.543 |
| STROKE | 50 | 21.20 | 1.346 | 1.202 | 1.545 |
| STROKE | 50 | 21.30 | 1.347 | 1.203 | 1.547 |
| STROKE | 50 | 21.40 | 1.349 | 1.205 | 1.549 |
| STROKE | 50 | 21.50 | 1.351 | 1.206 | 1.551 |
| STROKE | 50 | 21.60 | 1.353 | 1.208 | 1.553 |
| STROKE | 50 | 21.70 | 1.354 | 1.209 | 1.555 |
| STROKE | 50 | 21.80 | 1.356 | 1.21  | 1.557 |
| STROKE | 50 | 21.90 | 1.358 | 1.212 | 1.559 |
| STROKE | 50 | 22.00 | 1.36  | 1.213 | 1.561 |
| STROKE | 50 | 22.10 | 1.361 | 1.214 | 1.563 |
| STROKE | 50 | 22.20 | 1.363 | 1.216 | 1.565 |
| STROKE | 50 | 22.30 | 1.365 | 1.217 | 1.567 |
| STROKE | 50 | 22.40 | 1.367 | 1.219 | 1.569 |
| STROKE | 50 | 22.50 | 1.368 | 1.22  | 1.571 |
| STROKE | 50 | 22.60 | 1.37  | 1.221 | 1.573 |
| STROKE | 50 | 22.70 | 1.372 | 1.223 | 1.575 |
| STROKE | 50 | 22.80 | 1.374 | 1.224 | 1.577 |
| STROKE | 50 | 22.90 | 1.375 | 1.226 | 1.579 |
| STROKE | 50 | 23.00 | 1.377 | 1.227 | 1.581 |
| STROKE | 50 | 23.10 | 1.379 | 1.228 | 1.584 |
| STROKE | 50 | 23.20 | 1.38  | 1.229 | 1.586 |
| STROKE | 50 | 23.30 | 1.382 | 1.23  | 1.588 |
| STROKE | 50 | 23.40 | 1.384 | 1.231 | 1.59  |
| STROKE | 50 | 23.50 | 1.386 | 1.232 | 1.592 |
| STROKE | 50 | 23.60 | 1.387 | 1.233 | 1.594 |
| STROKE | 50 | 23.70 | 1.389 | 1.234 | 1.596 |
| STROKE | 50 | 23.80 | 1.391 | 1.235 | 1.598 |
| STROKE | 50 | 23.90 | 1.392 | 1.237 | 1.6   |
| STROKE | 50 | 24.00 | 1.394 | 1.238 | 1.602 |
| STROKE | 50 | 24.10 | 1.396 | 1.239 | 1.604 |
| STROKE | 50 | 24.20 | 1.398 | 1.24  | 1.606 |
| STROKE | 50 | 24.30 | 1.399 | 1.242 | 1.608 |
| STROKE | 50 | 24.40 | 1.401 | 1.243 | 1.61  |
| STROKE | 50 | 24.50 | 1.403 | 1.244 | 1.612 |
| STROKE | 50 | 24.60 | 1.404 | 1.246 | 1.614 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 24.70 | 1.406 | 1.247 | 1.616 |
| STROKE | 50 | 24.80 | 1.408 | 1.249 | 1.618 |
| STROKE | 50 | 24.90 | 1.409 | 1.25  | 1.62  |
| STROKE | 50 | 25.00 | 1.411 | 1.251 | 1.622 |
| STROKE | 50 | 25.10 | 1.413 | 1.253 | 1.624 |
| STROKE | 50 | 25.20 | 1.414 | 1.254 | 1.626 |
| STROKE | 50 | 25.30 | 1.416 | 1.255 | 1.628 |
| STROKE | 50 | 25.40 | 1.418 | 1.257 | 1.63  |
| STROKE | 50 | 25.50 | 1.419 | 1.258 | 1.632 |
| STROKE | 50 | 25.60 | 1.421 | 1.259 | 1.633 |
| STROKE | 50 | 25.70 | 1.423 | 1.261 | 1.635 |
| STROKE | 50 | 25.80 | 1.425 | 1.262 | 1.637 |
| STROKE | 50 | 25.90 | 1.426 | 1.264 | 1.639 |
| STROKE | 50 | 26.00 | 1.428 | 1.265 | 1.641 |
| STROKE | 50 | 26.10 | 1.43  | 1.266 | 1.643 |
| STROKE | 50 | 26.20 | 1.431 | 1.268 | 1.645 |
| STROKE | 50 | 26.30 | 1.433 | 1.269 | 1.647 |
| STROKE | 50 | 26.40 | 1.435 | 1.27  | 1.649 |
| STROKE | 50 | 26.50 | 1.436 | 1.271 | 1.651 |
| STROKE | 50 | 26.60 | 1.438 | 1.273 | 1.653 |
| STROKE | 50 | 26.70 | 1.44  | 1.274 | 1.654 |
| STROKE | 50 | 26.80 | 1.441 | 1.275 | 1.656 |
| STROKE | 50 | 26.90 | 1.443 | 1.277 | 1.658 |
| STROKE | 50 | 27.00 | 1.444 | 1.278 | 1.66  |
| STROKE | 50 | 27.10 | 1.446 | 1.279 | 1.662 |
| STROKE | 50 | 27.20 | 1.448 | 1.281 | 1.664 |
| STROKE | 50 | 27.30 | 1.449 | 1.282 | 1.666 |
| STROKE | 50 | 27.40 | 1.451 | 1.284 | 1.668 |
| STROKE | 50 | 27.50 | 1.453 | 1.285 | 1.67  |
| STROKE | 50 | 27.60 | 1.454 | 1.286 | 1.672 |
| STROKE | 50 | 27.70 | 1.456 | 1.288 | 1.674 |
| STROKE | 50 | 27.80 | 1.458 | 1.289 | 1.676 |
| STROKE | 50 | 27.90 | 1.459 | 1.29  | 1.678 |
| STROKE | 50 | 28.00 | 1.461 | 1.292 | 1.68  |
| STROKE | 50 | 28.10 | 1.463 | 1.293 | 1.682 |
| STROKE | 50 | 28.20 | 1.464 | 1.294 | 1.684 |
| STROKE | 50 | 28.30 | 1.466 | 1.296 | 1.686 |
| STROKE | 50 | 28.40 | 1.467 | 1.297 | 1.687 |
| STROKE | 50 | 28.50 | 1.469 | 1.299 | 1.689 |
| STROKE | 50 | 28.60 | 1.471 | 1.3   | 1.691 |
| STROKE | 50 | 28.70 | 1.472 | 1.301 | 1.693 |
| STROKE | 50 | 28.80 | 1.474 | 1.303 | 1.695 |
| STROKE | 50 | 28.90 | 1.476 | 1.304 | 1.697 |
| STROKE | 50 | 29.00 | 1.477 | 1.305 | 1.698 |
| STROKE | 50 | 29.10 | 1.479 | 1.307 | 1.7   |
| STROKE | 50 | 29.20 | 1.481 | 1.308 | 1.702 |
| STROKE | 50 | 29.30 | 1.482 | 1.31  | 1.704 |
| STROKE | 50 | 29.40 | 1.484 | 1.311 | 1.705 |
| STROKE | 50 | 29.50 | 1.485 | 1.312 | 1.707 |
| STROKE | 50 | 29.60 | 1.487 | 1.314 | 1.709 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 29.70 | 1.489 | 1.315 | 1.711 |
| STROKE | 50 | 29.80 | 1.49  | 1.316 | 1.712 |
| STROKE | 50 | 29.90 | 1.492 | 1.318 | 1.714 |
| STROKE | 50 | 30.00 | 1.493 | 1.319 | 1.716 |
| STROKE | 50 | 30.10 | 1.495 | 1.32  | 1.718 |
| STROKE | 50 | 30.20 | 1.497 | 1.321 | 1.719 |
| STROKE | 50 | 30.30 | 1.498 | 1.322 | 1.721 |
| STROKE | 50 | 30.40 | 1.5   | 1.323 | 1.723 |
| STROKE | 50 | 30.50 | 1.501 | 1.325 | 1.724 |
| STROKE | 50 | 30.60 | 1.503 | 1.326 | 1.726 |
| STROKE | 50 | 30.70 | 1.505 | 1.327 | 1.728 |
| STROKE | 50 | 30.80 | 1.506 | 1.328 | 1.73  |
| STROKE | 50 | 30.90 | 1.508 | 1.329 | 1.731 |
| STROKE | 50 | 31.00 | 1.509 | 1.33  | 1.733 |
| STROKE | 50 | 31.10 | 1.511 | 1.331 | 1.735 |
| STROKE | 50 | 31.20 | 1.513 | 1.332 | 1.736 |
| STROKE | 50 | 31.30 | 1.514 | 1.333 | 1.738 |
| STROKE | 50 | 31.40 | 1.516 | 1.334 | 1.74  |
| STROKE | 50 | 31.50 | 1.517 | 1.335 | 1.741 |
| STROKE | 50 | 31.60 | 1.519 | 1.335 | 1.743 |
| STROKE | 50 | 31.70 | 1.521 | 1.336 | 1.745 |
| STROKE | 50 | 31.80 | 1.522 | 1.337 | 1.746 |
| STROKE | 50 | 31.90 | 1.524 | 1.338 | 1.748 |
| STROKE | 50 | 32.00 | 1.525 | 1.339 | 1.75  |
| STROKE | 50 | 32.10 | 1.527 | 1.341 | 1.752 |
| STROKE | 50 | 32.20 | 1.528 | 1.342 | 1.753 |
| STROKE | 50 | 32.30 | 1.53  | 1.343 | 1.755 |
| STROKE | 50 | 32.40 | 1.532 | 1.344 | 1.757 |
| STROKE | 50 | 32.50 | 1.533 | 1.346 | 1.759 |
| STROKE | 50 | 32.60 | 1.535 | 1.347 | 1.761 |
| STROKE | 50 | 32.70 | 1.536 | 1.348 | 1.762 |
| STROKE | 50 | 32.80 | 1.538 | 1.35  | 1.764 |
| STROKE | 50 | 32.90 | 1.539 | 1.351 | 1.766 |
| STROKE | 50 | 33.00 | 1.541 | 1.352 | 1.768 |
| STROKE | 50 | 33.10 | 1.543 | 1.354 | 1.769 |
| STROKE | 50 | 33.20 | 1.544 | 1.355 | 1.771 |
| STROKE | 50 | 33.30 | 1.546 | 1.356 | 1.773 |
| STROKE | 50 | 33.40 | 1.547 | 1.358 | 1.775 |
| STROKE | 50 | 33.50 | 1.549 | 1.359 | 1.776 |
| STROKE | 50 | 33.60 | 1.55  | 1.361 | 1.778 |
| STROKE | 50 | 33.70 | 1.552 | 1.362 | 1.78  |
| STROKE | 50 | 33.80 | 1.553 | 1.363 | 1.782 |
| STROKE | 50 | 33.90 | 1.555 | 1.365 | 1.784 |
| STROKE | 50 | 34.00 | 1.557 | 1.366 | 1.785 |
| STROKE | 50 | 34.10 | 1.558 | 1.367 | 1.787 |
| STROKE | 50 | 34.20 | 1.56  | 1.369 | 1.789 |
| STROKE | 50 | 34.30 | 1.561 | 1.37  | 1.79  |
| STROKE | 50 | 34.40 | 1.563 | 1.372 | 1.792 |
| STROKE | 50 | 34.50 | 1.564 | 1.373 | 1.793 |
| STROKE | 50 | 34.60 | 1.566 | 1.374 | 1.795 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 34.70 | 1.567 | 1.376 | 1.797 |
| STROKE | 50 | 34.80 | 1.569 | 1.377 | 1.798 |
| STROKE | 50 | 34.90 | 1.57  | 1.378 | 1.8   |
| STROKE | 50 | 35.00 | 1.572 | 1.38  | 1.802 |
| STROKE | 50 | 35.10 | 1.573 | 1.381 | 1.803 |
| STROKE | 50 | 35.20 | 1.575 | 1.382 | 1.805 |
| STROKE | 50 | 35.30 | 1.576 | 1.383 | 1.807 |
| STROKE | 50 | 35.40 | 1.578 | 1.384 | 1.809 |
| STROKE | 50 | 35.50 | 1.579 | 1.386 | 1.811 |
| STROKE | 50 | 35.60 | 1.581 | 1.387 | 1.812 |
| STROKE | 50 | 35.70 | 1.583 | 1.388 | 1.814 |
| STROKE | 50 | 35.80 | 1.584 | 1.389 | 1.816 |
| STROKE | 50 | 35.90 | 1.586 | 1.39  | 1.818 |
| STROKE | 50 | 36.00 | 1.587 | 1.391 | 1.82  |
| STROKE | 50 | 36.10 | 1.589 | 1.393 | 1.821 |
| STROKE | 50 | 36.20 | 1.59  | 1.394 | 1.823 |
| STROKE | 50 | 36.30 | 1.592 | 1.395 | 1.825 |
| STROKE | 50 | 36.40 | 1.593 | 1.396 | 1.826 |
| STROKE | 50 | 36.50 | 1.595 | 1.397 | 1.828 |
| STROKE | 50 | 36.60 | 1.596 | 1.398 | 1.829 |
| STROKE | 50 | 36.70 | 1.598 | 1.399 | 1.831 |
| STROKE | 50 | 36.80 | 1.599 | 1.4   | 1.833 |
| STROKE | 50 | 36.90 | 1.601 | 1.401 | 1.834 |
| STROKE | 50 | 37.00 | 1.602 | 1.402 | 1.836 |
| STROKE | 50 | 37.10 | 1.604 | 1.403 | 1.838 |
| STROKE | 50 | 37.20 | 1.605 | 1.404 | 1.839 |
| STROKE | 50 | 37.30 | 1.607 | 1.405 | 1.841 |
| STROKE | 50 | 37.40 | 1.608 | 1.406 | 1.842 |
| STROKE | 50 | 37.50 | 1.61  | 1.408 | 1.844 |
| STROKE | 50 | 37.60 | 1.611 | 1.409 | 1.845 |
| STROKE | 50 | 37.70 | 1.613 | 1.41  | 1.847 |
| STROKE | 50 | 37.80 | 1.614 | 1.411 | 1.848 |
| STROKE | 50 | 37.90 | 1.616 | 1.412 | 1.85  |
| STROKE | 50 | 38.00 | 1.617 | 1.413 | 1.851 |
| STROKE | 50 | 38.10 | 1.619 | 1.414 | 1.853 |
| STROKE | 50 | 38.20 | 1.62  | 1.416 | 1.855 |
| STROKE | 50 | 38.30 | 1.622 | 1.417 | 1.857 |
| STROKE | 50 | 38.40 | 1.623 | 1.418 | 1.859 |
| STROKE | 50 | 38.50 | 1.624 | 1.419 | 1.861 |
| STROKE | 50 | 38.60 | 1.626 | 1.421 | 1.863 |
| STROKE | 50 | 38.70 | 1.627 | 1.422 | 1.865 |
| STROKE | 50 | 38.80 | 1.629 | 1.423 | 1.866 |
| STROKE | 50 | 38.90 | 1.63  | 1.425 | 1.868 |
| STROKE | 50 | 39.00 | 1.632 | 1.426 | 1.87  |
| STROKE | 50 | 39.10 | 1.633 | 1.427 | 1.872 |
| STROKE | 50 | 39.20 | 1.635 | 1.428 | 1.873 |
| STROKE | 50 | 39.30 | 1.636 | 1.43  | 1.875 |
| STROKE | 50 | 39.40 | 1.638 | 1.431 | 1.877 |
| STROKE | 50 | 39.50 | 1.639 | 1.433 | 1.879 |
| STROKE | 50 | 39.60 | 1.641 | 1.434 | 1.88  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 39.70 | 1.642 | 1.435 | 1.882 |
| STROKE | 50 | 39.80 | 1.644 | 1.437 | 1.884 |
| STROKE | 50 | 39.90 | 1.645 | 1.438 | 1.885 |
| STROKE | 50 | 40.00 | 1.646 | 1.439 | 1.887 |
| STROKE | 50 | 40.10 | 1.648 | 1.441 | 1.889 |
| STROKE | 50 | 40.20 | 1.649 | 1.442 | 1.89  |
| STROKE | 50 | 40.30 | 1.651 | 1.443 | 1.892 |
| STROKE | 50 | 40.40 | 1.652 | 1.444 | 1.894 |
| STROKE | 50 | 40.50 | 1.654 | 1.445 | 1.895 |
| STROKE | 50 | 40.60 | 1.655 | 1.446 | 1.897 |
| STROKE | 50 | 40.70 | 1.657 | 1.448 | 1.899 |
| STROKE | 50 | 40.80 | 1.658 | 1.449 | 1.9   |
| STROKE | 50 | 40.90 | 1.66  | 1.45  | 1.902 |
| STROKE | 50 | 41.00 | 1.661 | 1.451 | 1.903 |
| STROKE | 50 | 41.10 | 1.662 | 1.452 | 1.905 |
| STROKE | 50 | 41.20 | 1.664 | 1.453 | 1.907 |
| STROKE | 50 | 41.30 | 1.665 | 1.454 | 1.909 |
| STROKE | 50 | 41.40 | 1.667 | 1.455 | 1.91  |
| STROKE | 50 | 41.50 | 1.668 | 1.456 | 1.912 |
| STROKE | 50 | 41.60 | 1.67  | 1.457 | 1.914 |
| STROKE | 50 | 41.70 | 1.671 | 1.458 | 1.915 |
| STROKE | 50 | 41.80 | 1.672 | 1.459 | 1.917 |
| STROKE | 50 | 41.90 | 1.674 | 1.46  | 1.919 |
| STROKE | 50 | 42.00 | 1.675 | 1.461 | 1.921 |
| STROKE | 50 | 42.10 | 1.677 | 1.463 | 1.922 |
| STROKE | 50 | 42.20 | 1.678 | 1.464 | 1.924 |
| STROKE | 50 | 42.30 | 1.68  | 1.465 | 1.925 |
| STROKE | 50 | 42.40 | 1.681 | 1.466 | 1.927 |
| STROKE | 50 | 42.50 | 1.682 | 1.467 | 1.929 |
| STROKE | 50 | 42.60 | 1.684 | 1.469 | 1.93  |
| STROKE | 50 | 42.70 | 1.685 | 1.47  | 1.932 |
| STROKE | 50 | 42.80 | 1.687 | 1.471 | 1.934 |
| STROKE | 50 | 42.90 | 1.688 | 1.472 | 1.935 |
| STROKE | 50 | 43.00 | 1.689 | 1.473 | 1.937 |
| STROKE | 50 | 43.10 | 1.691 | 1.475 | 1.939 |
| STROKE | 50 | 43.20 | 1.692 | 1.476 | 1.94  |
| STROKE | 50 | 43.30 | 1.694 | 1.477 | 1.942 |
| STROKE | 50 | 43.40 | 1.695 | 1.478 | 1.944 |
| STROKE | 50 | 43.50 | 1.696 | 1.479 | 1.945 |
| STROKE | 50 | 43.60 | 1.698 | 1.481 | 1.947 |
| STROKE | 50 | 43.70 | 1.699 | 1.482 | 1.949 |
| STROKE | 50 | 43.80 | 1.701 | 1.483 | 1.95  |
| STROKE | 50 | 43.90 | 1.702 | 1.484 | 1.952 |
| STROKE | 50 | 44.00 | 1.703 | 1.486 | 1.954 |
| STROKE | 50 | 44.10 | 1.705 | 1.487 | 1.955 |
| STROKE | 50 | 44.20 | 1.706 | 1.488 | 1.957 |
| STROKE | 50 | 44.30 | 1.708 | 1.489 | 1.958 |
| STROKE | 50 | 44.40 | 1.709 | 1.49  | 1.96  |
| STROKE | 50 | 44.50 | 1.71  | 1.492 | 1.962 |
| STROKE | 50 | 44.60 | 1.712 | 1.493 | 1.963 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 44.70 | 1.713 | 1.494 | 1.965 |
| STROKE | 50 | 44.80 | 1.714 | 1.495 | 1.966 |
| STROKE | 50 | 44.90 | 1.716 | 1.496 | 1.968 |
| STROKE | 50 | 45.00 | 1.717 | 1.498 | 1.97  |
| STROKE | 50 | 45.10 | 1.719 | 1.499 | 1.971 |
| STROKE | 50 | 45.20 | 1.72  | 1.5   | 1.973 |
| STROKE | 50 | 45.30 | 1.721 | 1.501 | 1.975 |
| STROKE | 50 | 45.40 | 1.723 | 1.502 | 1.977 |
| STROKE | 50 | 45.50 | 1.724 | 1.504 | 1.979 |
| STROKE | 50 | 45.60 | 1.725 | 1.505 | 1.981 |
| STROKE | 50 | 45.70 | 1.727 | 1.506 | 1.983 |
| STROKE | 50 | 45.80 | 1.728 | 1.507 | 1.985 |
| STROKE | 50 | 45.90 | 1.73  | 1.508 | 1.987 |
| STROKE | 50 | 46.00 | 1.731 | 1.51  | 1.989 |
| STROKE | 50 | 46.10 | 1.732 | 1.511 | 1.99  |
| STROKE | 50 | 46.20 | 1.734 | 1.512 | 1.992 |
| STROKE | 50 | 46.30 | 1.735 | 1.513 | 1.994 |
| STROKE | 50 | 46.40 | 1.736 | 1.514 | 1.995 |
| STROKE | 50 | 46.50 | 1.738 | 1.515 | 1.997 |
| STROKE | 50 | 46.60 | 1.739 | 1.517 | 1.998 |
| STROKE | 50 | 46.70 | 1.74  | 1.518 | 2     |
| STROKE | 50 | 46.80 | 1.742 | 1.519 | 2.002 |
| STROKE | 50 | 46.90 | 1.743 | 1.52  | 2.003 |
| STROKE | 50 | 47.00 | 1.744 | 1.521 | 2.005 |
| STROKE | 50 | 47.10 | 1.746 | 1.523 | 2.007 |
| STROKE | 50 | 47.20 | 1.747 | 1.524 | 2.008 |
| STROKE | 50 | 47.30 | 1.749 | 1.525 | 2.01  |
| STROKE | 50 | 47.40 | 1.75  | 1.526 | 2.012 |
| STROKE | 50 | 47.50 | 1.751 | 1.527 | 2.014 |
| STROKE | 50 | 47.60 | 1.753 | 1.528 | 2.015 |
| STROKE | 50 | 47.70 | 1.754 | 1.53  | 2.017 |
| STROKE | 50 | 47.80 | 1.755 | 1.531 | 2.019 |
| STROKE | 50 | 47.90 | 1.757 | 1.532 | 2.021 |
| STROKE | 50 | 48.00 | 1.758 | 1.533 | 2.022 |
| STROKE | 50 | 48.10 | 1.759 | 1.534 | 2.024 |
| STROKE | 50 | 48.20 | 1.761 | 1.535 | 2.025 |
| STROKE | 50 | 48.30 | 1.762 | 1.536 | 2.027 |
| STROKE | 50 | 48.40 | 1.763 | 1.537 | 2.028 |
| STROKE | 50 | 48.50 | 1.764 | 1.539 | 2.03  |
| STROKE | 50 | 48.60 | 1.766 | 1.54  | 2.031 |
| STROKE | 50 | 48.70 | 1.767 | 1.541 | 2.033 |
| STROKE | 50 | 48.80 | 1.768 | 1.542 | 2.034 |
| STROKE | 50 | 48.90 | 1.77  | 1.543 | 2.036 |
| STROKE | 50 | 49.00 | 1.771 | 1.544 | 2.037 |
| STROKE | 50 | 49.10 | 1.772 | 1.545 | 2.039 |
| STROKE | 50 | 49.20 | 1.774 | 1.546 | 2.04  |
| STROKE | 50 | 49.30 | 1.775 | 1.547 | 2.042 |
| STROKE | 50 | 49.40 | 1.776 | 1.548 | 2.043 |
| STROKE | 50 | 49.50 | 1.778 | 1.549 | 2.045 |
| STROKE | 50 | 49.60 | 1.779 | 1.55  | 2.046 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 50 | 49.70 | 1.78  | 1.552 | 2.048 |
| STROKE | 50 | 49.80 | 1.782 | 1.553 | 2.049 |
| STROKE | 50 | 49.90 | 1.783 | 1.554 | 2.051 |
| STROKE | 55 | 0.00  | 1     | 1     | 1     |
| STROKE | 55 | 0.10  | 1     | 1     | 1     |
| STROKE | 55 | 0.20  | 1     | 1     | 1     |
| STROKE | 55 | 0.30  | 1     | 1     | 1     |
| STROKE | 55 | 0.40  | 1     | 1     | 1     |
| STROKE | 55 | 0.50  | 1     | 1     | 1     |
| STROKE | 55 | 0.60  | 1     | 1     | 1     |
| STROKE | 55 | 0.70  | 1     | 1     | 1     |
| STROKE | 55 | 0.80  | 1     | 1     | 1     |
| STROKE | 55 | 0.90  | 1     | 1     | 1     |
| STROKE | 55 | 1.00  | 1     | 1     | 1     |
| STROKE | 55 | 1.10  | 1     | 1     | 1     |
| STROKE | 55 | 1.20  | 1     | 1     | 1     |
| STROKE | 55 | 1.30  | 1     | 1     | 1     |
| STROKE | 55 | 1.40  | 1     | 1     | 1     |
| STROKE | 55 | 1.50  | 1     | 1     | 1     |
| STROKE | 55 | 1.60  | 1     | 1     | 1     |
| STROKE | 55 | 1.70  | 1     | 1     | 1     |
| STROKE | 55 | 1.80  | 1     | 1     | 1     |
| STROKE | 55 | 1.90  | 1     | 1     | 1     |
| STROKE | 55 | 2.00  | 1     | 1     | 1     |
| STROKE | 55 | 2.10  | 1     | 1     | 1.002 |
| STROKE | 55 | 2.20  | 1     | 1     | 1.005 |
| STROKE | 55 | 2.30  | 1.001 | 1     | 1.008 |
| STROKE | 55 | 2.40  | 1.001 | 1     | 1.011 |
| STROKE | 55 | 2.50  | 1.001 | 1     | 1.014 |
| STROKE | 55 | 2.60  | 1.001 | 1     | 1.018 |
| STROKE | 55 | 2.70  | 1.002 | 1     | 1.021 |
| STROKE | 55 | 2.80  | 1.002 | 1     | 1.023 |
| STROKE | 55 | 2.90  | 1.002 | 1     | 1.026 |
| STROKE | 55 | 3.00  | 1.003 | 1     | 1.029 |
| STROKE | 55 | 3.10  | 1.003 | 1     | 1.032 |
| STROKE | 55 | 3.20  | 1.004 | 1     | 1.035 |
| STROKE | 55 | 3.30  | 1.004 | 1     | 1.038 |
| STROKE | 55 | 3.40  | 1.005 | 1     | 1.041 |
| STROKE | 55 | 3.50  | 1.006 | 1     | 1.044 |
| STROKE | 55 | 3.60  | 1.006 | 1     | 1.048 |
| STROKE | 55 | 3.70  | 1.007 | 1     | 1.051 |
| STROKE | 55 | 3.80  | 1.008 | 1     | 1.053 |
| STROKE | 55 | 3.90  | 1.009 | 1     | 1.056 |
| STROKE | 55 | 4.00  | 1.01  | 1     | 1.06  |
| STROKE | 55 | 4.10  | 1.011 | 1     | 1.064 |
| STROKE | 55 | 4.20  | 1.012 | 1     | 1.067 |
| STROKE | 55 | 4.30  | 1.013 | 1     | 1.069 |
| STROKE | 55 | 4.40  | 1.014 | 1     | 1.072 |
| STROKE | 55 | 4.50  | 1.015 | 1     | 1.075 |
| STROKE | 55 | 4.60  | 1.016 | 1     | 1.077 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 55 | 4.70 | 1.017 | 1     | 1.08  |
| STROKE | 55 | 4.80 | 1.019 | 1     | 1.083 |
| STROKE | 55 | 4.90 | 1.02  | 1     | 1.086 |
| STROKE | 55 | 5.00 | 1.021 | 1     | 1.089 |
| STROKE | 55 | 5.10 | 1.023 | 1     | 1.092 |
| STROKE | 55 | 5.20 | 1.024 | 1     | 1.095 |
| STROKE | 55 | 5.30 | 1.025 | 1     | 1.098 |
| STROKE | 55 | 5.40 | 1.027 | 1     | 1.101 |
| STROKE | 55 | 5.50 | 1.028 | 1     | 1.104 |
| STROKE | 55 | 5.60 | 1.03  | 1     | 1.107 |
| STROKE | 55 | 5.70 | 1.031 | 1     | 1.111 |
| STROKE | 55 | 5.80 | 1.033 | 1     | 1.114 |
| STROKE | 55 | 5.90 | 1.034 | 1     | 1.117 |
| STROKE | 55 | 6.00 | 1.036 | 1     | 1.12  |
| STROKE | 55 | 6.10 | 1.038 | 1     | 1.123 |
| STROKE | 55 | 6.20 | 1.039 | 1     | 1.127 |
| STROKE | 55 | 6.30 | 1.041 | 1     | 1.129 |
| STROKE | 55 | 6.40 | 1.043 | 1     | 1.132 |
| STROKE | 55 | 6.50 | 1.044 | 1     | 1.134 |
| STROKE | 55 | 6.60 | 1.046 | 1     | 1.137 |
| STROKE | 55 | 6.70 | 1.048 | 1     | 1.14  |
| STROKE | 55 | 6.80 | 1.049 | 1     | 1.142 |
| STROKE | 55 | 6.90 | 1.051 | 1     | 1.145 |
| STROKE | 55 | 7.00 | 1.053 | 1     | 1.147 |
| STROKE | 55 | 7.10 | 1.055 | 1     | 1.149 |
| STROKE | 55 | 7.20 | 1.056 | 1     | 1.152 |
| STROKE | 55 | 7.30 | 1.058 | 1     | 1.155 |
| STROKE | 55 | 7.40 | 1.06  | 1     | 1.158 |
| STROKE | 55 | 7.50 | 1.062 | 1     | 1.16  |
| STROKE | 55 | 7.60 | 1.063 | 1     | 1.163 |
| STROKE | 55 | 7.70 | 1.065 | 1     | 1.165 |
| STROKE | 55 | 7.80 | 1.067 | 1     | 1.168 |
| STROKE | 55 | 7.90 | 1.069 | 1     | 1.17  |
| STROKE | 55 | 8.00 | 1.07  | 1.001 | 1.173 |
| STROKE | 55 | 8.10 | 1.072 | 1.002 | 1.175 |
| STROKE | 55 | 8.20 | 1.074 | 1.003 | 1.178 |
| STROKE | 55 | 8.30 | 1.076 | 1.004 | 1.18  |
| STROKE | 55 | 8.40 | 1.078 | 1.006 | 1.182 |
| STROKE | 55 | 8.50 | 1.079 | 1.007 | 1.185 |
| STROKE | 55 | 8.60 | 1.081 | 1.008 | 1.187 |
| STROKE | 55 | 8.70 | 1.083 | 1.009 | 1.19  |
| STROKE | 55 | 8.80 | 1.085 | 1.011 | 1.192 |
| STROKE | 55 | 8.90 | 1.087 | 1.012 | 1.195 |
| STROKE | 55 | 9.00 | 1.088 | 1.013 | 1.197 |
| STROKE | 55 | 9.10 | 1.09  | 1.015 | 1.199 |
| STROKE | 55 | 9.20 | 1.092 | 1.016 | 1.202 |
| STROKE | 55 | 9.30 | 1.094 | 1.017 | 1.204 |
| STROKE | 55 | 9.40 | 1.095 | 1.018 | 1.207 |
| STROKE | 55 | 9.50 | 1.097 | 1.02  | 1.209 |
| STROKE | 55 | 9.60 | 1.099 | 1.021 | 1.211 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 9.70  | 1.101 | 1.023 | 1.214 |
| STROKE | 55 | 9.80  | 1.103 | 1.024 | 1.216 |
| STROKE | 55 | 9.90  | 1.104 | 1.025 | 1.219 |
| STROKE | 55 | 10.00 | 1.106 | 1.026 | 1.221 |
| STROKE | 55 | 10.10 | 1.108 | 1.028 | 1.223 |
| STROKE | 55 | 10.20 | 1.11  | 1.029 | 1.226 |
| STROKE | 55 | 10.30 | 1.111 | 1.03  | 1.228 |
| STROKE | 55 | 10.40 | 1.113 | 1.032 | 1.23  |
| STROKE | 55 | 10.50 | 1.115 | 1.033 | 1.232 |
| STROKE | 55 | 10.60 | 1.117 | 1.034 | 1.235 |
| STROKE | 55 | 10.70 | 1.119 | 1.036 | 1.237 |
| STROKE | 55 | 10.80 | 1.12  | 1.037 | 1.239 |
| STROKE | 55 | 10.90 | 1.122 | 1.038 | 1.242 |
| STROKE | 55 | 11.00 | 1.124 | 1.04  | 1.244 |
| STROKE | 55 | 11.10 | 1.126 | 1.041 | 1.246 |
| STROKE | 55 | 11.20 | 1.127 | 1.042 | 1.248 |
| STROKE | 55 | 11.30 | 1.129 | 1.043 | 1.25  |
| STROKE | 55 | 11.40 | 1.131 | 1.045 | 1.253 |
| STROKE | 55 | 11.50 | 1.133 | 1.046 | 1.255 |
| STROKE | 55 | 11.60 | 1.134 | 1.047 | 1.257 |
| STROKE | 55 | 11.70 | 1.136 | 1.048 | 1.259 |
| STROKE | 55 | 11.80 | 1.138 | 1.049 | 1.261 |
| STROKE | 55 | 11.90 | 1.14  | 1.051 | 1.264 |
| STROKE | 55 | 12.00 | 1.141 | 1.052 | 1.266 |
| STROKE | 55 | 12.10 | 1.143 | 1.053 | 1.268 |
| STROKE | 55 | 12.20 | 1.145 | 1.054 | 1.27  |
| STROKE | 55 | 12.30 | 1.146 | 1.056 | 1.272 |
| STROKE | 55 | 12.40 | 1.148 | 1.057 | 1.275 |
| STROKE | 55 | 12.50 | 1.15  | 1.058 | 1.277 |
| STROKE | 55 | 12.60 | 1.152 | 1.059 | 1.279 |
| STROKE | 55 | 12.70 | 1.153 | 1.06  | 1.281 |
| STROKE | 55 | 12.80 | 1.155 | 1.062 | 1.283 |
| STROKE | 55 | 12.90 | 1.157 | 1.063 | 1.286 |
| STROKE | 55 | 13.00 | 1.159 | 1.064 | 1.288 |
| STROKE | 55 | 13.10 | 1.16  | 1.065 | 1.29  |
| STROKE | 55 | 13.20 | 1.162 | 1.066 | 1.292 |
| STROKE | 55 | 13.30 | 1.164 | 1.068 | 1.295 |
| STROKE | 55 | 13.40 | 1.165 | 1.069 | 1.297 |
| STROKE | 55 | 13.50 | 1.167 | 1.07  | 1.299 |
| STROKE | 55 | 13.60 | 1.169 | 1.071 | 1.302 |
| STROKE | 55 | 13.70 | 1.171 | 1.072 | 1.304 |
| STROKE | 55 | 13.80 | 1.172 | 1.073 | 1.306 |
| STROKE | 55 | 13.90 | 1.174 | 1.075 | 1.309 |
| STROKE | 55 | 14.00 | 1.176 | 1.076 | 1.311 |
| STROKE | 55 | 14.10 | 1.177 | 1.077 | 1.313 |
| STROKE | 55 | 14.20 | 1.179 | 1.078 | 1.315 |
| STROKE | 55 | 14.30 | 1.181 | 1.079 | 1.317 |
| STROKE | 55 | 14.40 | 1.182 | 1.08  | 1.319 |
| STROKE | 55 | 14.50 | 1.184 | 1.082 | 1.321 |
| STROKE | 55 | 14.60 | 1.186 | 1.083 | 1.323 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 14.70 | 1.187 | 1.084 | 1.325 |
| STROKE | 55 | 14.80 | 1.189 | 1.085 | 1.327 |
| STROKE | 55 | 14.90 | 1.191 | 1.086 | 1.329 |
| STROKE | 55 | 15.00 | 1.193 | 1.088 | 1.331 |
| STROKE | 55 | 15.10 | 1.194 | 1.089 | 1.333 |
| STROKE | 55 | 15.20 | 1.196 | 1.09  | 1.335 |
| STROKE | 55 | 15.30 | 1.198 | 1.091 | 1.337 |
| STROKE | 55 | 15.40 | 1.199 | 1.092 | 1.339 |
| STROKE | 55 | 15.50 | 1.201 | 1.094 | 1.342 |
| STROKE | 55 | 15.60 | 1.203 | 1.095 | 1.344 |
| STROKE | 55 | 15.70 | 1.204 | 1.096 | 1.346 |
| STROKE | 55 | 15.80 | 1.206 | 1.097 | 1.348 |
| STROKE | 55 | 15.90 | 1.208 | 1.099 | 1.351 |
| STROKE | 55 | 16.00 | 1.209 | 1.1   | 1.353 |
| STROKE | 55 | 16.10 | 1.211 | 1.101 | 1.355 |
| STROKE | 55 | 16.20 | 1.213 | 1.102 | 1.357 |
| STROKE | 55 | 16.30 | 1.214 | 1.103 | 1.359 |
| STROKE | 55 | 16.40 | 1.216 | 1.104 | 1.361 |
| STROKE | 55 | 16.50 | 1.218 | 1.106 | 1.364 |
| STROKE | 55 | 16.60 | 1.219 | 1.107 | 1.366 |
| STROKE | 55 | 16.70 | 1.221 | 1.108 | 1.368 |
| STROKE | 55 | 16.80 | 1.222 | 1.109 | 1.37  |
| STROKE | 55 | 16.90 | 1.224 | 1.11  | 1.372 |
| STROKE | 55 | 17.00 | 1.226 | 1.111 | 1.375 |
| STROKE | 55 | 17.10 | 1.227 | 1.113 | 1.377 |
| STROKE | 55 | 17.20 | 1.229 | 1.114 | 1.379 |
| STROKE | 55 | 17.30 | 1.231 | 1.115 | 1.381 |
| STROKE | 55 | 17.40 | 1.232 | 1.116 | 1.383 |
| STROKE | 55 | 17.50 | 1.234 | 1.117 | 1.385 |
| STROKE | 55 | 17.60 | 1.236 | 1.118 | 1.387 |
| STROKE | 55 | 17.70 | 1.237 | 1.12  | 1.39  |
| STROKE | 55 | 17.80 | 1.239 | 1.121 | 1.392 |
| STROKE | 55 | 17.90 | 1.241 | 1.122 | 1.394 |
| STROKE | 55 | 18.00 | 1.242 | 1.123 | 1.396 |
| STROKE | 55 | 18.10 | 1.244 | 1.124 | 1.398 |
| STROKE | 55 | 18.20 | 1.245 | 1.125 | 1.399 |
| STROKE | 55 | 18.30 | 1.247 | 1.127 | 1.401 |
| STROKE | 55 | 18.40 | 1.249 | 1.128 | 1.403 |
| STROKE | 55 | 18.50 | 1.25  | 1.129 | 1.405 |
| STROKE | 55 | 18.60 | 1.252 | 1.13  | 1.406 |
| STROKE | 55 | 18.70 | 1.253 | 1.131 | 1.408 |
| STROKE | 55 | 18.80 | 1.255 | 1.132 | 1.41  |
| STROKE | 55 | 18.90 | 1.257 | 1.133 | 1.411 |
| STROKE | 55 | 19.00 | 1.258 | 1.135 | 1.413 |
| STROKE | 55 | 19.10 | 1.26  | 1.136 | 1.415 |
| STROKE | 55 | 19.20 | 1.262 | 1.137 | 1.416 |
| STROKE | 55 | 19.30 | 1.263 | 1.138 | 1.418 |
| STROKE | 55 | 19.40 | 1.265 | 1.139 | 1.419 |
| STROKE | 55 | 19.50 | 1.266 | 1.14  | 1.421 |
| STROKE | 55 | 19.60 | 1.268 | 1.142 | 1.422 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 19.70 | 1.27  | 1.143 | 1.424 |
| STROKE | 55 | 19.80 | 1.271 | 1.144 | 1.425 |
| STROKE | 55 | 19.90 | 1.273 | 1.145 | 1.427 |
| STROKE | 55 | 20.00 | 1.274 | 1.146 | 1.428 |
| STROKE | 55 | 20.10 | 1.276 | 1.147 | 1.43  |
| STROKE | 55 | 20.20 | 1.278 | 1.149 | 1.432 |
| STROKE | 55 | 20.30 | 1.279 | 1.15  | 1.433 |
| STROKE | 55 | 20.40 | 1.281 | 1.151 | 1.435 |
| STROKE | 55 | 20.50 | 1.282 | 1.152 | 1.436 |
| STROKE | 55 | 20.60 | 1.284 | 1.153 | 1.438 |
| STROKE | 55 | 20.70 | 1.285 | 1.154 | 1.439 |
| STROKE | 55 | 20.80 | 1.287 | 1.156 | 1.441 |
| STROKE | 55 | 20.90 | 1.289 | 1.157 | 1.442 |
| STROKE | 55 | 21.00 | 1.29  | 1.158 | 1.444 |
| STROKE | 55 | 21.10 | 1.292 | 1.159 | 1.446 |
| STROKE | 55 | 21.20 | 1.293 | 1.161 | 1.448 |
| STROKE | 55 | 21.30 | 1.295 | 1.162 | 1.45  |
| STROKE | 55 | 21.40 | 1.296 | 1.163 | 1.452 |
| STROKE | 55 | 21.50 | 1.298 | 1.164 | 1.454 |
| STROKE | 55 | 21.60 | 1.3   | 1.165 | 1.456 |
| STROKE | 55 | 21.70 | 1.301 | 1.167 | 1.458 |
| STROKE | 55 | 21.80 | 1.303 | 1.168 | 1.459 |
| STROKE | 55 | 21.90 | 1.304 | 1.169 | 1.461 |
| STROKE | 55 | 22.00 | 1.306 | 1.17  | 1.463 |
| STROKE | 55 | 22.10 | 1.307 | 1.172 | 1.465 |
| STROKE | 55 | 22.20 | 1.309 | 1.173 | 1.468 |
| STROKE | 55 | 22.30 | 1.311 | 1.174 | 1.47  |
| STROKE | 55 | 22.40 | 1.312 | 1.175 | 1.472 |
| STROKE | 55 | 22.50 | 1.314 | 1.176 | 1.474 |
| STROKE | 55 | 22.60 | 1.315 | 1.178 | 1.476 |
| STROKE | 55 | 22.70 | 1.317 | 1.179 | 1.478 |
| STROKE | 55 | 22.80 | 1.318 | 1.18  | 1.48  |
| STROKE | 55 | 22.90 | 1.32  | 1.181 | 1.482 |
| STROKE | 55 | 23.00 | 1.321 | 1.182 | 1.484 |
| STROKE | 55 | 23.10 | 1.323 | 1.184 | 1.486 |
| STROKE | 55 | 23.20 | 1.324 | 1.185 | 1.488 |
| STROKE | 55 | 23.30 | 1.326 | 1.186 | 1.49  |
| STROKE | 55 | 23.40 | 1.328 | 1.187 | 1.492 |
| STROKE | 55 | 23.50 | 1.329 | 1.188 | 1.494 |
| STROKE | 55 | 23.60 | 1.331 | 1.19  | 1.496 |
| STROKE | 55 | 23.70 | 1.332 | 1.191 | 1.498 |
| STROKE | 55 | 23.80 | 1.334 | 1.192 | 1.5   |
| STROKE | 55 | 23.90 | 1.335 | 1.193 | 1.501 |
| STROKE | 55 | 24.00 | 1.337 | 1.194 | 1.503 |
| STROKE | 55 | 24.10 | 1.338 | 1.195 | 1.505 |
| STROKE | 55 | 24.20 | 1.34  | 1.196 | 1.507 |
| STROKE | 55 | 24.30 | 1.341 | 1.198 | 1.509 |
| STROKE | 55 | 24.40 | 1.343 | 1.199 | 1.511 |
| STROKE | 55 | 24.50 | 1.344 | 1.2   | 1.513 |
| STROKE | 55 | 24.60 | 1.346 | 1.201 | 1.515 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 24.70 | 1.347 | 1.202 | 1.517 |
| STROKE | 55 | 24.80 | 1.349 | 1.203 | 1.518 |
| STROKE | 55 | 24.90 | 1.35  | 1.204 | 1.52  |
| STROKE | 55 | 25.00 | 1.352 | 1.205 | 1.522 |
| STROKE | 55 | 25.10 | 1.353 | 1.206 | 1.524 |
| STROKE | 55 | 25.20 | 1.355 | 1.208 | 1.526 |
| STROKE | 55 | 25.30 | 1.356 | 1.209 | 1.527 |
| STROKE | 55 | 25.40 | 1.358 | 1.21  | 1.529 |
| STROKE | 55 | 25.50 | 1.36  | 1.211 | 1.531 |
| STROKE | 55 | 25.60 | 1.361 | 1.212 | 1.532 |
| STROKE | 55 | 25.70 | 1.363 | 1.214 | 1.534 |
| STROKE | 55 | 25.80 | 1.364 | 1.215 | 1.536 |
| STROKE | 55 | 25.90 | 1.366 | 1.216 | 1.537 |
| STROKE | 55 | 26.00 | 1.367 | 1.217 | 1.539 |
| STROKE | 55 | 26.10 | 1.369 | 1.218 | 1.541 |
| STROKE | 55 | 26.20 | 1.37  | 1.22  | 1.542 |
| STROKE | 55 | 26.30 | 1.372 | 1.221 | 1.544 |
| STROKE | 55 | 26.40 | 1.373 | 1.222 | 1.546 |
| STROKE | 55 | 26.50 | 1.374 | 1.223 | 1.548 |
| STROKE | 55 | 26.60 | 1.376 | 1.224 | 1.549 |
| STROKE | 55 | 26.70 | 1.377 | 1.225 | 1.551 |
| STROKE | 55 | 26.80 | 1.379 | 1.227 | 1.553 |
| STROKE | 55 | 26.90 | 1.38  | 1.228 | 1.555 |
| STROKE | 55 | 27.00 | 1.382 | 1.229 | 1.556 |
| STROKE | 55 | 27.10 | 1.383 | 1.23  | 1.558 |
| STROKE | 55 | 27.20 | 1.385 | 1.231 | 1.56  |
| STROKE | 55 | 27.30 | 1.386 | 1.233 | 1.561 |
| STROKE | 55 | 27.40 | 1.388 | 1.234 | 1.563 |
| STROKE | 55 | 27.50 | 1.389 | 1.235 | 1.564 |
| STROKE | 55 | 27.60 | 1.391 | 1.236 | 1.566 |
| STROKE | 55 | 27.70 | 1.392 | 1.237 | 1.568 |
| STROKE | 55 | 27.80 | 1.394 | 1.239 | 1.569 |
| STROKE | 55 | 27.90 | 1.395 | 1.24  | 1.571 |
| STROKE | 55 | 28.00 | 1.397 | 1.241 | 1.572 |
| STROKE | 55 | 28.10 | 1.398 | 1.242 | 1.574 |
| STROKE | 55 | 28.20 | 1.4   | 1.243 | 1.576 |
| STROKE | 55 | 28.30 | 1.401 | 1.244 | 1.578 |
| STROKE | 55 | 28.40 | 1.403 | 1.246 | 1.579 |
| STROKE | 55 | 28.50 | 1.404 | 1.247 | 1.581 |
| STROKE | 55 | 28.60 | 1.405 | 1.248 | 1.583 |
| STROKE | 55 | 28.70 | 1.407 | 1.249 | 1.584 |
| STROKE | 55 | 28.80 | 1.408 | 1.25  | 1.586 |
| STROKE | 55 | 28.90 | 1.41  | 1.252 | 1.588 |
| STROKE | 55 | 29.00 | 1.411 | 1.253 | 1.589 |
| STROKE | 55 | 29.10 | 1.413 | 1.254 | 1.591 |
| STROKE | 55 | 29.20 | 1.414 | 1.255 | 1.593 |
| STROKE | 55 | 29.30 | 1.416 | 1.256 | 1.594 |
| STROKE | 55 | 29.40 | 1.417 | 1.257 | 1.596 |
| STROKE | 55 | 29.50 | 1.418 | 1.258 | 1.598 |
| STROKE | 55 | 29.60 | 1.42  | 1.259 | 1.599 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 29.70 | 1.421 | 1.26  | 1.601 |
| STROKE | 55 | 29.80 | 1.423 | 1.261 | 1.603 |
| STROKE | 55 | 29.90 | 1.424 | 1.262 | 1.604 |
| STROKE | 55 | 30.00 | 1.426 | 1.263 | 1.606 |
| STROKE | 55 | 30.10 | 1.427 | 1.264 | 1.608 |
| STROKE | 55 | 30.20 | 1.429 | 1.265 | 1.609 |
| STROKE | 55 | 30.30 | 1.43  | 1.266 | 1.611 |
| STROKE | 55 | 30.40 | 1.431 | 1.267 | 1.612 |
| STROKE | 55 | 30.50 | 1.433 | 1.268 | 1.614 |
| STROKE | 55 | 30.60 | 1.434 | 1.268 | 1.615 |
| STROKE | 55 | 30.70 | 1.436 | 1.269 | 1.617 |
| STROKE | 55 | 30.80 | 1.437 | 1.27  | 1.618 |
| STROKE | 55 | 30.90 | 1.439 | 1.271 | 1.62  |
| STROKE | 55 | 31.00 | 1.44  | 1.272 | 1.621 |
| STROKE | 55 | 31.10 | 1.441 | 1.273 | 1.623 |
| STROKE | 55 | 31.20 | 1.443 | 1.274 | 1.624 |
| STROKE | 55 | 31.30 | 1.444 | 1.276 | 1.625 |
| STROKE | 55 | 31.40 | 1.446 | 1.277 | 1.627 |
| STROKE | 55 | 31.50 | 1.447 | 1.278 | 1.628 |
| STROKE | 55 | 31.60 | 1.448 | 1.279 | 1.629 |
| STROKE | 55 | 31.70 | 1.45  | 1.28  | 1.63  |
| STROKE | 55 | 31.80 | 1.451 | 1.281 | 1.632 |
| STROKE | 55 | 31.90 | 1.453 | 1.283 | 1.633 |
| STROKE | 55 | 32.00 | 1.454 | 1.284 | 1.634 |
| STROKE | 55 | 32.10 | 1.455 | 1.285 | 1.636 |
| STROKE | 55 | 32.20 | 1.457 | 1.286 | 1.638 |
| STROKE | 55 | 32.30 | 1.458 | 1.287 | 1.639 |
| STROKE | 55 | 32.40 | 1.46  | 1.288 | 1.641 |
| STROKE | 55 | 32.50 | 1.461 | 1.29  | 1.643 |
| STROKE | 55 | 32.60 | 1.462 | 1.291 | 1.644 |
| STROKE | 55 | 32.70 | 1.464 | 1.292 | 1.646 |
| STROKE | 55 | 32.80 | 1.465 | 1.293 | 1.647 |
| STROKE | 55 | 32.90 | 1.467 | 1.294 | 1.649 |
| STROKE | 55 | 33.00 | 1.468 | 1.296 | 1.651 |
| STROKE | 55 | 33.10 | 1.469 | 1.297 | 1.652 |
| STROKE | 55 | 33.20 | 1.471 | 1.298 | 1.654 |
| STROKE | 55 | 33.30 | 1.472 | 1.299 | 1.656 |
| STROKE | 55 | 33.40 | 1.474 | 1.3   | 1.657 |
| STROKE | 55 | 33.50 | 1.475 | 1.301 | 1.659 |
| STROKE | 55 | 33.60 | 1.476 | 1.303 | 1.66  |
| STROKE | 55 | 33.70 | 1.478 | 1.304 | 1.662 |
| STROKE | 55 | 33.80 | 1.479 | 1.305 | 1.664 |
| STROKE | 55 | 33.90 | 1.48  | 1.306 | 1.665 |
| STROKE | 55 | 34.00 | 1.482 | 1.307 | 1.667 |
| STROKE | 55 | 34.10 | 1.483 | 1.309 | 1.668 |
| STROKE | 55 | 34.20 | 1.485 | 1.31  | 1.669 |
| STROKE | 55 | 34.30 | 1.486 | 1.311 | 1.671 |
| STROKE | 55 | 34.40 | 1.487 | 1.312 | 1.672 |
| STROKE | 55 | 34.50 | 1.489 | 1.313 | 1.674 |
| STROKE | 55 | 34.60 | 1.49  | 1.314 | 1.675 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 34.70 | 1.491 | 1.316 | 1.676 |
| STROKE | 55 | 34.80 | 1.493 | 1.317 | 1.678 |
| STROKE | 55 | 34.90 | 1.494 | 1.318 | 1.679 |
| STROKE | 55 | 35.00 | 1.496 | 1.319 | 1.68  |
| STROKE | 55 | 35.10 | 1.497 | 1.32  | 1.682 |
| STROKE | 55 | 35.20 | 1.498 | 1.322 | 1.684 |
| STROKE | 55 | 35.30 | 1.5   | 1.323 | 1.685 |
| STROKE | 55 | 35.40 | 1.501 | 1.324 | 1.687 |
| STROKE | 55 | 35.50 | 1.502 | 1.325 | 1.688 |
| STROKE | 55 | 35.60 | 1.504 | 1.326 | 1.69  |
| STROKE | 55 | 35.70 | 1.505 | 1.327 | 1.692 |
| STROKE | 55 | 35.80 | 1.506 | 1.329 | 1.693 |
| STROKE | 55 | 35.90 | 1.508 | 1.33  | 1.695 |
| STROKE | 55 | 36.00 | 1.509 | 1.331 | 1.696 |
| STROKE | 55 | 36.10 | 1.51  | 1.332 | 1.698 |
| STROKE | 55 | 36.20 | 1.512 | 1.333 | 1.7   |
| STROKE | 55 | 36.30 | 1.513 | 1.334 | 1.701 |
| STROKE | 55 | 36.40 | 1.514 | 1.335 | 1.703 |
| STROKE | 55 | 36.50 | 1.516 | 1.336 | 1.704 |
| STROKE | 55 | 36.60 | 1.517 | 1.337 | 1.706 |
| STROKE | 55 | 36.70 | 1.518 | 1.338 | 1.708 |
| STROKE | 55 | 36.80 | 1.52  | 1.339 | 1.709 |
| STROKE | 55 | 36.90 | 1.521 | 1.34  | 1.711 |
| STROKE | 55 | 37.00 | 1.522 | 1.341 | 1.712 |
| STROKE | 55 | 37.10 | 1.524 | 1.342 | 1.714 |
| STROKE | 55 | 37.20 | 1.525 | 1.343 | 1.715 |
| STROKE | 55 | 37.30 | 1.526 | 1.343 | 1.717 |
| STROKE | 55 | 37.40 | 1.528 | 1.344 | 1.718 |
| STROKE | 55 | 37.50 | 1.529 | 1.345 | 1.72  |
| STROKE | 55 | 37.60 | 1.53  | 1.346 | 1.722 |
| STROKE | 55 | 37.70 | 1.532 | 1.347 | 1.723 |
| STROKE | 55 | 37.80 | 1.533 | 1.348 | 1.725 |
| STROKE | 55 | 37.90 | 1.534 | 1.349 | 1.726 |
| STROKE | 55 | 38.00 | 1.536 | 1.35  | 1.728 |
| STROKE | 55 | 38.10 | 1.537 | 1.351 | 1.729 |
| STROKE | 55 | 38.20 | 1.538 | 1.352 | 1.731 |
| STROKE | 55 | 38.30 | 1.539 | 1.353 | 1.732 |
| STROKE | 55 | 38.40 | 1.541 | 1.354 | 1.734 |
| STROKE | 55 | 38.50 | 1.542 | 1.355 | 1.735 |
| STROKE | 55 | 38.60 | 1.543 | 1.355 | 1.737 |
| STROKE | 55 | 38.70 | 1.545 | 1.356 | 1.738 |
| STROKE | 55 | 38.80 | 1.546 | 1.357 | 1.74  |
| STROKE | 55 | 38.90 | 1.547 | 1.358 | 1.741 |
| STROKE | 55 | 39.00 | 1.549 | 1.359 | 1.743 |
| STROKE | 55 | 39.10 | 1.55  | 1.36  | 1.744 |
| STROKE | 55 | 39.20 | 1.551 | 1.361 | 1.746 |
| STROKE | 55 | 39.30 | 1.552 | 1.362 | 1.747 |
| STROKE | 55 | 39.40 | 1.554 | 1.363 | 1.749 |
| STROKE | 55 | 39.50 | 1.555 | 1.364 | 1.751 |
| STROKE | 55 | 39.60 | 1.556 | 1.365 | 1.752 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 39.70 | 1.558 | 1.366 | 1.754 |
| STROKE | 55 | 39.80 | 1.559 | 1.367 | 1.755 |
| STROKE | 55 | 39.90 | 1.56  | 1.368 | 1.757 |
| STROKE | 55 | 40.00 | 1.562 | 1.369 | 1.758 |
| STROKE | 55 | 40.10 | 1.563 | 1.37  | 1.76  |
| STROKE | 55 | 40.20 | 1.564 | 1.371 | 1.761 |
| STROKE | 55 | 40.30 | 1.565 | 1.372 | 1.763 |
| STROKE | 55 | 40.40 | 1.567 | 1.373 | 1.764 |
| STROKE | 55 | 40.50 | 1.568 | 1.374 | 1.765 |
| STROKE | 55 | 40.60 | 1.569 | 1.375 | 1.767 |
| STROKE | 55 | 40.70 | 1.57  | 1.376 | 1.768 |
| STROKE | 55 | 40.80 | 1.572 | 1.377 | 1.77  |
| STROKE | 55 | 40.90 | 1.573 | 1.378 | 1.771 |
| STROKE | 55 | 41.00 | 1.574 | 1.379 | 1.773 |
| STROKE | 55 | 41.10 | 1.576 | 1.38  | 1.774 |
| STROKE | 55 | 41.20 | 1.577 | 1.381 | 1.776 |
| STROKE | 55 | 41.30 | 1.578 | 1.382 | 1.777 |
| STROKE | 55 | 41.40 | 1.579 | 1.383 | 1.779 |
| STROKE | 55 | 41.50 | 1.581 | 1.384 | 1.78  |
| STROKE | 55 | 41.60 | 1.582 | 1.385 | 1.781 |
| STROKE | 55 | 41.70 | 1.583 | 1.386 | 1.783 |
| STROKE | 55 | 41.80 | 1.584 | 1.386 | 1.784 |
| STROKE | 55 | 41.90 | 1.586 | 1.387 | 1.786 |
| STROKE | 55 | 42.00 | 1.587 | 1.388 | 1.787 |
| STROKE | 55 | 42.10 | 1.588 | 1.389 | 1.788 |
| STROKE | 55 | 42.20 | 1.589 | 1.39  | 1.79  |
| STROKE | 55 | 42.30 | 1.591 | 1.391 | 1.791 |
| STROKE | 55 | 42.40 | 1.592 | 1.392 | 1.792 |
| STROKE | 55 | 42.50 | 1.593 | 1.393 | 1.794 |
| STROKE | 55 | 42.60 | 1.594 | 1.394 | 1.795 |
| STROKE | 55 | 42.70 | 1.596 | 1.395 | 1.796 |
| STROKE | 55 | 42.80 | 1.597 | 1.396 | 1.798 |
| STROKE | 55 | 42.90 | 1.598 | 1.397 | 1.799 |
| STROKE | 55 | 43.00 | 1.599 | 1.398 | 1.8   |
| STROKE | 55 | 43.10 | 1.601 | 1.399 | 1.801 |
| STROKE | 55 | 43.20 | 1.602 | 1.4   | 1.803 |
| STROKE | 55 | 43.30 | 1.603 | 1.401 | 1.804 |
| STROKE | 55 | 43.40 | 1.604 | 1.402 | 1.805 |
| STROKE | 55 | 43.50 | 1.605 | 1.403 | 1.807 |
| STROKE | 55 | 43.60 | 1.607 | 1.404 | 1.808 |
| STROKE | 55 | 43.70 | 1.608 | 1.405 | 1.809 |
| STROKE | 55 | 43.80 | 1.609 | 1.406 | 1.81  |
| STROKE | 55 | 43.90 | 1.61  | 1.407 | 1.812 |
| STROKE | 55 | 44.00 | 1.612 | 1.408 | 1.813 |
| STROKE | 55 | 44.10 | 1.613 | 1.409 | 1.815 |
| STROKE | 55 | 44.20 | 1.614 | 1.41  | 1.816 |
| STROKE | 55 | 44.30 | 1.615 | 1.411 | 1.818 |
| STROKE | 55 | 44.40 | 1.616 | 1.412 | 1.819 |
| STROKE | 55 | 44.50 | 1.618 | 1.413 | 1.821 |
| STROKE | 55 | 44.60 | 1.619 | 1.414 | 1.822 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 44.70 | 1.62  | 1.415 | 1.823 |
| STROKE | 55 | 44.80 | 1.621 | 1.415 | 1.825 |
| STROKE | 55 | 44.90 | 1.623 | 1.416 | 1.826 |
| STROKE | 55 | 45.00 | 1.624 | 1.417 | 1.828 |
| STROKE | 55 | 45.10 | 1.625 | 1.418 | 1.829 |
| STROKE | 55 | 45.20 | 1.626 | 1.419 | 1.831 |
| STROKE | 55 | 45.30 | 1.627 | 1.42  | 1.832 |
| STROKE | 55 | 45.40 | 1.629 | 1.421 | 1.834 |
| STROKE | 55 | 45.50 | 1.63  | 1.421 | 1.835 |
| STROKE | 55 | 45.60 | 1.631 | 1.422 | 1.836 |
| STROKE | 55 | 45.70 | 1.632 | 1.423 | 1.838 |
| STROKE | 55 | 45.80 | 1.633 | 1.424 | 1.839 |
| STROKE | 55 | 45.90 | 1.635 | 1.425 | 1.84  |
| STROKE | 55 | 46.00 | 1.636 | 1.426 | 1.842 |
| STROKE | 55 | 46.10 | 1.637 | 1.426 | 1.843 |
| STROKE | 55 | 46.20 | 1.638 | 1.427 | 1.845 |
| STROKE | 55 | 46.30 | 1.639 | 1.428 | 1.847 |
| STROKE | 55 | 46.40 | 1.64  | 1.429 | 1.848 |
| STROKE | 55 | 46.50 | 1.642 | 1.43  | 1.85  |
| STROKE | 55 | 46.60 | 1.643 | 1.431 | 1.851 |
| STROKE | 55 | 46.70 | 1.644 | 1.432 | 1.853 |
| STROKE | 55 | 46.80 | 1.645 | 1.433 | 1.855 |
| STROKE | 55 | 46.90 | 1.646 | 1.433 | 1.856 |
| STROKE | 55 | 47.00 | 1.648 | 1.434 | 1.858 |
| STROKE | 55 | 47.10 | 1.649 | 1.435 | 1.859 |
| STROKE | 55 | 47.20 | 1.65  | 1.436 | 1.861 |
| STROKE | 55 | 47.30 | 1.651 | 1.436 | 1.863 |
| STROKE | 55 | 47.40 | 1.652 | 1.437 | 1.864 |
| STROKE | 55 | 47.50 | 1.653 | 1.438 | 1.866 |
| STROKE | 55 | 47.60 | 1.655 | 1.439 | 1.868 |
| STROKE | 55 | 47.70 | 1.656 | 1.439 | 1.869 |
| STROKE | 55 | 47.80 | 1.657 | 1.44  | 1.871 |
| STROKE | 55 | 47.90 | 1.658 | 1.441 | 1.872 |
| STROKE | 55 | 48.00 | 1.659 | 1.441 | 1.874 |
| STROKE | 55 | 48.10 | 1.66  | 1.442 | 1.875 |
| STROKE | 55 | 48.20 | 1.662 | 1.443 | 1.877 |
| STROKE | 55 | 48.30 | 1.663 | 1.444 | 1.878 |
| STROKE | 55 | 48.40 | 1.664 | 1.445 | 1.879 |
| STROKE | 55 | 48.50 | 1.665 | 1.446 | 1.881 |
| STROKE | 55 | 48.60 | 1.666 | 1.447 | 1.882 |
| STROKE | 55 | 48.70 | 1.667 | 1.448 | 1.883 |
| STROKE | 55 | 48.80 | 1.668 | 1.449 | 1.885 |
| STROKE | 55 | 48.90 | 1.67  | 1.45  | 1.886 |
| STROKE | 55 | 49.00 | 1.671 | 1.451 | 1.888 |
| STROKE | 55 | 49.10 | 1.672 | 1.452 | 1.889 |
| STROKE | 55 | 49.20 | 1.673 | 1.453 | 1.89  |
| STROKE | 55 | 49.30 | 1.674 | 1.454 | 1.892 |
| STROKE | 55 | 49.40 | 1.675 | 1.455 | 1.893 |
| STROKE | 55 | 49.50 | 1.676 | 1.456 | 1.895 |
| STROKE | 55 | 49.60 | 1.678 | 1.457 | 1.896 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 55 | 49.70 | 1.679 | 1.458 | 1.897 |
| STROKE | 55 | 49.80 | 1.68  | 1.459 | 1.899 |
| STROKE | 55 | 49.90 | 1.681 | 1.46  | 1.9   |
| STROKE | 60 | 0.00  | 1     | 1     | 1     |
| STROKE | 60 | 0.10  | 1     | 1     | 1     |
| STROKE | 60 | 0.20  | 1     | 1     | 1     |
| STROKE | 60 | 0.30  | 1     | 1     | 1     |
| STROKE | 60 | 0.40  | 1     | 1     | 1     |
| STROKE | 60 | 0.50  | 1     | 1     | 1     |
| STROKE | 60 | 0.60  | 1     | 1     | 1     |
| STROKE | 60 | 0.70  | 1     | 1     | 1     |
| STROKE | 60 | 0.80  | 1     | 1     | 1     |
| STROKE | 60 | 0.90  | 1     | 1     | 1     |
| STROKE | 60 | 1.00  | 1     | 1     | 1     |
| STROKE | 60 | 1.10  | 1     | 1     | 1     |
| STROKE | 60 | 1.20  | 1     | 1     | 1     |
| STROKE | 60 | 1.30  | 1     | 1     | 1     |
| STROKE | 60 | 1.40  | 1     | 1     | 1     |
| STROKE | 60 | 1.50  | 1     | 1     | 1     |
| STROKE | 60 | 1.60  | 1     | 1     | 1     |
| STROKE | 60 | 1.70  | 1     | 1     | 1     |
| STROKE | 60 | 1.80  | 1     | 1     | 1     |
| STROKE | 60 | 1.90  | 1     | 1     | 1     |
| STROKE | 60 | 2.00  | 1     | 1     | 1     |
| STROKE | 60 | 2.10  | 1     | 1     | 1     |
| STROKE | 60 | 2.20  | 1     | 1     | 1     |
| STROKE | 60 | 2.30  | 1     | 1     | 1     |
| STROKE | 60 | 2.40  | 1     | 1     | 1     |
| STROKE | 60 | 2.50  | 1     | 1     | 1     |
| STROKE | 60 | 2.60  | 1     | 1     | 1     |
| STROKE | 60 | 2.70  | 1     | 1     | 1     |
| STROKE | 60 | 2.80  | 1     | 1     | 1.001 |
| STROKE | 60 | 2.90  | 1     | 1     | 1.004 |
| STROKE | 60 | 3.00  | 1     | 1     | 1.006 |
| STROKE | 60 | 3.10  | 1.001 | 1     | 1.008 |
| STROKE | 60 | 3.20  | 1.001 | 1     | 1.011 |
| STROKE | 60 | 3.30  | 1.001 | 1     | 1.013 |
| STROKE | 60 | 3.40  | 1.001 | 1     | 1.016 |
| STROKE | 60 | 3.50  | 1.001 | 1     | 1.018 |
| STROKE | 60 | 3.60  | 1.002 | 1     | 1.02  |
| STROKE | 60 | 3.70  | 1.002 | 1     | 1.023 |
| STROKE | 60 | 3.80  | 1.002 | 1     | 1.025 |
| STROKE | 60 | 3.90  | 1.002 | 1     | 1.027 |
| STROKE | 60 | 4.00  | 1.003 | 1     | 1.03  |
| STROKE | 60 | 4.10  | 1.003 | 1     | 1.033 |
| STROKE | 60 | 4.20  | 1.003 | 1     | 1.035 |
| STROKE | 60 | 4.30  | 1.003 | 1     | 1.038 |
| STROKE | 60 | 4.40  | 1.004 | 1     | 1.04  |
| STROKE | 60 | 4.50  | 1.004 | 1     | 1.043 |
| STROKE | 60 | 4.60  | 1.005 | 1     | 1.045 |



|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 60 | 4.70 | 1.005 | 1 | 1.048 |
| STROKE | 60 | 4.80 | 1.006 | 1 | 1.05  |
| STROKE | 60 | 4.90 | 1.006 | 1 | 1.053 |
| STROKE | 60 | 5.00 | 1.007 | 1 | 1.055 |
| STROKE | 60 | 5.10 | 1.007 | 1 | 1.058 |
| STROKE | 60 | 5.20 | 1.008 | 1 | 1.06  |
| STROKE | 60 | 5.30 | 1.009 | 1 | 1.063 |
| STROKE | 60 | 5.40 | 1.01  | 1 | 1.065 |
| STROKE | 60 | 5.50 | 1.01  | 1 | 1.068 |
| STROKE | 60 | 5.60 | 1.011 | 1 | 1.07  |
| STROKE | 60 | 5.70 | 1.012 | 1 | 1.073 |
| STROKE | 60 | 5.80 | 1.013 | 1 | 1.075 |
| STROKE | 60 | 5.90 | 1.014 | 1 | 1.077 |
| STROKE | 60 | 6.00 | 1.014 | 1 | 1.08  |
| STROKE | 60 | 6.10 | 1.015 | 1 | 1.082 |
| STROKE | 60 | 6.20 | 1.016 | 1 | 1.084 |
| STROKE | 60 | 6.30 | 1.017 | 1 | 1.087 |
| STROKE | 60 | 6.40 | 1.018 | 1 | 1.089 |
| STROKE | 60 | 6.50 | 1.019 | 1 | 1.091 |
| STROKE | 60 | 6.60 | 1.02  | 1 | 1.094 |
| STROKE | 60 | 6.70 | 1.021 | 1 | 1.096 |
| STROKE | 60 | 6.80 | 1.022 | 1 | 1.098 |
| STROKE | 60 | 6.90 | 1.023 | 1 | 1.101 |
| STROKE | 60 | 7.00 | 1.024 | 1 | 1.103 |
| STROKE | 60 | 7.10 | 1.026 | 1 | 1.105 |
| STROKE | 60 | 7.20 | 1.027 | 1 | 1.107 |
| STROKE | 60 | 7.30 | 1.028 | 1 | 1.11  |
| STROKE | 60 | 7.40 | 1.029 | 1 | 1.112 |
| STROKE | 60 | 7.50 | 1.03  | 1 | 1.114 |
| STROKE | 60 | 7.60 | 1.031 | 1 | 1.116 |
| STROKE | 60 | 7.70 | 1.033 | 1 | 1.118 |
| STROKE | 60 | 7.80 | 1.034 | 1 | 1.121 |
| STROKE | 60 | 7.90 | 1.035 | 1 | 1.123 |
| STROKE | 60 | 8.00 | 1.036 | 1 | 1.125 |
| STROKE | 60 | 8.10 | 1.038 | 1 | 1.128 |
| STROKE | 60 | 8.20 | 1.039 | 1 | 1.13  |
| STROKE | 60 | 8.30 | 1.04  | 1 | 1.132 |
| STROKE | 60 | 8.40 | 1.042 | 1 | 1.134 |
| STROKE | 60 | 8.50 | 1.043 | 1 | 1.136 |
| STROKE | 60 | 8.60 | 1.044 | 1 | 1.138 |
| STROKE | 60 | 8.70 | 1.046 | 1 | 1.14  |
| STROKE | 60 | 8.80 | 1.047 | 1 | 1.142 |
| STROKE | 60 | 8.90 | 1.049 | 1 | 1.144 |
| STROKE | 60 | 9.00 | 1.05  | 1 | 1.147 |
| STROKE | 60 | 9.10 | 1.051 | 1 | 1.149 |
| STROKE | 60 | 9.20 | 1.053 | 1 | 1.151 |
| STROKE | 60 | 9.30 | 1.054 | 1 | 1.153 |
| STROKE | 60 | 9.40 | 1.056 | 1 | 1.155 |
| STROKE | 60 | 9.50 | 1.057 | 1 | 1.158 |
| STROKE | 60 | 9.60 | 1.058 | 1 | 1.16  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 9.70  | 1.06  | 1     | 1.162 |
| STROKE | 60 | 9.80  | 1.061 | 1     | 1.165 |
| STROKE | 60 | 9.90  | 1.063 | 1     | 1.167 |
| STROKE | 60 | 10.00 | 1.064 | 1     | 1.169 |
| STROKE | 60 | 10.10 | 1.066 | 1     | 1.171 |
| STROKE | 60 | 10.20 | 1.067 | 1     | 1.174 |
| STROKE | 60 | 10.30 | 1.069 | 1     | 1.176 |
| STROKE | 60 | 10.40 | 1.07  | 1     | 1.179 |
| STROKE | 60 | 10.50 | 1.071 | 1     | 1.181 |
| STROKE | 60 | 10.60 | 1.073 | 1     | 1.183 |
| STROKE | 60 | 10.70 | 1.074 | 1     | 1.186 |
| STROKE | 60 | 10.80 | 1.076 | 1     | 1.188 |
| STROKE | 60 | 10.90 | 1.077 | 1     | 1.19  |
| STROKE | 60 | 11.00 | 1.079 | 1     | 1.193 |
| STROKE | 60 | 11.10 | 1.08  | 1.001 | 1.195 |
| STROKE | 60 | 11.20 | 1.082 | 1.002 | 1.197 |
| STROKE | 60 | 11.30 | 1.083 | 1.003 | 1.199 |
| STROKE | 60 | 11.40 | 1.085 | 1.004 | 1.201 |
| STROKE | 60 | 11.50 | 1.086 | 1.004 | 1.203 |
| STROKE | 60 | 11.60 | 1.088 | 1.005 | 1.205 |
| STROKE | 60 | 11.70 | 1.089 | 1.006 | 1.207 |
| STROKE | 60 | 11.80 | 1.091 | 1.007 | 1.209 |
| STROKE | 60 | 11.90 | 1.092 | 1.008 | 1.211 |
| STROKE | 60 | 12.00 | 1.094 | 1.009 | 1.213 |
| STROKE | 60 | 12.10 | 1.095 | 1.01  | 1.215 |
| STROKE | 60 | 12.20 | 1.097 | 1.011 | 1.217 |
| STROKE | 60 | 12.30 | 1.098 | 1.012 | 1.219 |
| STROKE | 60 | 12.40 | 1.1   | 1.013 | 1.221 |
| STROKE | 60 | 12.50 | 1.101 | 1.014 | 1.223 |
| STROKE | 60 | 12.60 | 1.103 | 1.015 | 1.225 |
| STROKE | 60 | 12.70 | 1.104 | 1.016 | 1.227 |
| STROKE | 60 | 12.80 | 1.105 | 1.017 | 1.229 |
| STROKE | 60 | 12.90 | 1.107 | 1.018 | 1.231 |
| STROKE | 60 | 13.00 | 1.108 | 1.019 | 1.233 |
| STROKE | 60 | 13.10 | 1.11  | 1.021 | 1.235 |
| STROKE | 60 | 13.20 | 1.111 | 1.022 | 1.237 |
| STROKE | 60 | 13.30 | 1.113 | 1.023 | 1.239 |
| STROKE | 60 | 13.40 | 1.114 | 1.024 | 1.24  |
| STROKE | 60 | 13.50 | 1.116 | 1.025 | 1.242 |
| STROKE | 60 | 13.60 | 1.117 | 1.026 | 1.244 |
| STROKE | 60 | 13.70 | 1.119 | 1.027 | 1.246 |
| STROKE | 60 | 13.80 | 1.12  | 1.028 | 1.248 |
| STROKE | 60 | 13.90 | 1.122 | 1.029 | 1.249 |
| STROKE | 60 | 14.00 | 1.123 | 1.03  | 1.251 |
| STROKE | 60 | 14.10 | 1.125 | 1.031 | 1.253 |
| STROKE | 60 | 14.20 | 1.126 | 1.032 | 1.255 |
| STROKE | 60 | 14.30 | 1.127 | 1.033 | 1.256 |
| STROKE | 60 | 14.40 | 1.129 | 1.034 | 1.258 |
| STROKE | 60 | 14.50 | 1.13  | 1.035 | 1.26  |
| STROKE | 60 | 14.60 | 1.132 | 1.036 | 1.261 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 14.70 | 1.133 | 1.037 | 1.263 |
| STROKE | 60 | 14.80 | 1.135 | 1.038 | 1.265 |
| STROKE | 60 | 14.90 | 1.136 | 1.039 | 1.267 |
| STROKE | 60 | 15.00 | 1.138 | 1.04  | 1.268 |
| STROKE | 60 | 15.10 | 1.139 | 1.042 | 1.27  |
| STROKE | 60 | 15.20 | 1.14  | 1.043 | 1.272 |
| STROKE | 60 | 15.30 | 1.142 | 1.044 | 1.273 |
| STROKE | 60 | 15.40 | 1.143 | 1.045 | 1.275 |
| STROKE | 60 | 15.50 | 1.145 | 1.046 | 1.277 |
| STROKE | 60 | 15.60 | 1.146 | 1.047 | 1.278 |
| STROKE | 60 | 15.70 | 1.148 | 1.048 | 1.28  |
| STROKE | 60 | 15.80 | 1.149 | 1.049 | 1.281 |
| STROKE | 60 | 15.90 | 1.15  | 1.05  | 1.283 |
| STROKE | 60 | 16.00 | 1.152 | 1.051 | 1.285 |
| STROKE | 60 | 16.10 | 1.153 | 1.052 | 1.286 |
| STROKE | 60 | 16.20 | 1.155 | 1.053 | 1.288 |
| STROKE | 60 | 16.30 | 1.156 | 1.054 | 1.289 |
| STROKE | 60 | 16.40 | 1.158 | 1.055 | 1.291 |
| STROKE | 60 | 16.50 | 1.159 | 1.056 | 1.293 |
| STROKE | 60 | 16.60 | 1.16  | 1.057 | 1.294 |
| STROKE | 60 | 16.70 | 1.162 | 1.058 | 1.296 |
| STROKE | 60 | 16.80 | 1.163 | 1.06  | 1.297 |
| STROKE | 60 | 16.90 | 1.165 | 1.061 | 1.299 |
| STROKE | 60 | 17.00 | 1.166 | 1.062 | 1.301 |
| STROKE | 60 | 17.10 | 1.167 | 1.063 | 1.302 |
| STROKE | 60 | 17.20 | 1.169 | 1.064 | 1.304 |
| STROKE | 60 | 17.30 | 1.17  | 1.065 | 1.305 |
| STROKE | 60 | 17.40 | 1.172 | 1.066 | 1.307 |
| STROKE | 60 | 17.50 | 1.173 | 1.067 | 1.308 |
| STROKE | 60 | 17.60 | 1.174 | 1.068 | 1.31  |
| STROKE | 60 | 17.70 | 1.176 | 1.069 | 1.311 |
| STROKE | 60 | 17.80 | 1.177 | 1.07  | 1.313 |
| STROKE | 60 | 17.90 | 1.179 | 1.071 | 1.314 |
| STROKE | 60 | 18.00 | 1.18  | 1.072 | 1.316 |
| STROKE | 60 | 18.10 | 1.181 | 1.073 | 1.317 |
| STROKE | 60 | 18.20 | 1.183 | 1.074 | 1.319 |
| STROKE | 60 | 18.30 | 1.184 | 1.075 | 1.32  |
| STROKE | 60 | 18.40 | 1.186 | 1.076 | 1.322 |
| STROKE | 60 | 18.50 | 1.187 | 1.077 | 1.324 |
| STROKE | 60 | 18.60 | 1.188 | 1.078 | 1.325 |
| STROKE | 60 | 18.70 | 1.19  | 1.079 | 1.327 |
| STROKE | 60 | 18.80 | 1.191 | 1.08  | 1.328 |
| STROKE | 60 | 18.90 | 1.192 | 1.081 | 1.33  |
| STROKE | 60 | 19.00 | 1.194 | 1.083 | 1.332 |
| STROKE | 60 | 19.10 | 1.195 | 1.084 | 1.333 |
| STROKE | 60 | 19.20 | 1.197 | 1.085 | 1.335 |
| STROKE | 60 | 19.30 | 1.198 | 1.086 | 1.337 |
| STROKE | 60 | 19.40 | 1.199 | 1.087 | 1.339 |
| STROKE | 60 | 19.50 | 1.201 | 1.088 | 1.341 |
| STROKE | 60 | 19.60 | 1.202 | 1.089 | 1.343 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 19.70 | 1.203 | 1.09  | 1.345 |
| STROKE | 60 | 19.80 | 1.205 | 1.091 | 1.347 |
| STROKE | 60 | 19.90 | 1.206 | 1.092 | 1.349 |
| STROKE | 60 | 20.00 | 1.208 | 1.093 | 1.351 |
| STROKE | 60 | 20.10 | 1.209 | 1.094 | 1.353 |
| STROKE | 60 | 20.20 | 1.21  | 1.095 | 1.355 |
| STROKE | 60 | 20.30 | 1.212 | 1.096 | 1.357 |
| STROKE | 60 | 20.40 | 1.213 | 1.097 | 1.359 |
| STROKE | 60 | 20.50 | 1.214 | 1.098 | 1.361 |
| STROKE | 60 | 20.60 | 1.216 | 1.099 | 1.363 |
| STROKE | 60 | 20.70 | 1.217 | 1.101 | 1.365 |
| STROKE | 60 | 20.80 | 1.218 | 1.102 | 1.367 |
| STROKE | 60 | 20.90 | 1.22  | 1.103 | 1.368 |
| STROKE | 60 | 21.00 | 1.221 | 1.104 | 1.37  |
| STROKE | 60 | 21.10 | 1.222 | 1.105 | 1.372 |
| STROKE | 60 | 21.20 | 1.224 | 1.106 | 1.373 |
| STROKE | 60 | 21.30 | 1.225 | 1.107 | 1.375 |
| STROKE | 60 | 21.40 | 1.226 | 1.108 | 1.376 |
| STROKE | 60 | 21.50 | 1.228 | 1.109 | 1.378 |
| STROKE | 60 | 21.60 | 1.229 | 1.11  | 1.379 |
| STROKE | 60 | 21.70 | 1.23  | 1.111 | 1.381 |
| STROKE | 60 | 21.80 | 1.232 | 1.112 | 1.382 |
| STROKE | 60 | 21.90 | 1.233 | 1.113 | 1.384 |
| STROKE | 60 | 22.00 | 1.234 | 1.114 | 1.385 |
| STROKE | 60 | 22.10 | 1.236 | 1.115 | 1.387 |
| STROKE | 60 | 22.20 | 1.237 | 1.116 | 1.388 |
| STROKE | 60 | 22.30 | 1.238 | 1.117 | 1.389 |
| STROKE | 60 | 22.40 | 1.24  | 1.118 | 1.391 |
| STROKE | 60 | 22.50 | 1.241 | 1.119 | 1.392 |
| STROKE | 60 | 22.60 | 1.242 | 1.12  | 1.393 |
| STROKE | 60 | 22.70 | 1.244 | 1.121 | 1.394 |
| STROKE | 60 | 22.80 | 1.245 | 1.122 | 1.396 |
| STROKE | 60 | 22.90 | 1.246 | 1.123 | 1.397 |
| STROKE | 60 | 23.00 | 1.248 | 1.124 | 1.398 |
| STROKE | 60 | 23.10 | 1.249 | 1.125 | 1.4   |
| STROKE | 60 | 23.20 | 1.25  | 1.126 | 1.402 |
| STROKE | 60 | 23.30 | 1.252 | 1.127 | 1.403 |
| STROKE | 60 | 23.40 | 1.253 | 1.128 | 1.405 |
| STROKE | 60 | 23.50 | 1.254 | 1.129 | 1.407 |
| STROKE | 60 | 23.60 | 1.256 | 1.13  | 1.408 |
| STROKE | 60 | 23.70 | 1.257 | 1.131 | 1.41  |
| STROKE | 60 | 23.80 | 1.258 | 1.132 | 1.411 |
| STROKE | 60 | 23.90 | 1.26  | 1.133 | 1.413 |
| STROKE | 60 | 24.00 | 1.261 | 1.134 | 1.415 |
| STROKE | 60 | 24.10 | 1.262 | 1.135 | 1.416 |
| STROKE | 60 | 24.20 | 1.263 | 1.136 | 1.418 |
| STROKE | 60 | 24.30 | 1.265 | 1.137 | 1.42  |
| STROKE | 60 | 24.40 | 1.266 | 1.138 | 1.421 |
| STROKE | 60 | 24.50 | 1.267 | 1.139 | 1.423 |
| STROKE | 60 | 24.60 | 1.269 | 1.14  | 1.425 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 24.70 | 1.27  | 1.141 | 1.426 |
| STROKE | 60 | 24.80 | 1.271 | 1.142 | 1.428 |
| STROKE | 60 | 24.90 | 1.273 | 1.143 | 1.43  |
| STROKE | 60 | 25.00 | 1.274 | 1.144 | 1.431 |
| STROKE | 60 | 25.10 | 1.275 | 1.145 | 1.433 |
| STROKE | 60 | 25.20 | 1.276 | 1.146 | 1.435 |
| STROKE | 60 | 25.30 | 1.278 | 1.147 | 1.437 |
| STROKE | 60 | 25.40 | 1.279 | 1.148 | 1.439 |
| STROKE | 60 | 25.50 | 1.28  | 1.149 | 1.44  |
| STROKE | 60 | 25.60 | 1.282 | 1.15  | 1.442 |
| STROKE | 60 | 25.70 | 1.283 | 1.151 | 1.444 |
| STROKE | 60 | 25.80 | 1.284 | 1.152 | 1.446 |
| STROKE | 60 | 25.90 | 1.285 | 1.153 | 1.448 |
| STROKE | 60 | 26.00 | 1.287 | 1.154 | 1.449 |
| STROKE | 60 | 26.10 | 1.288 | 1.155 | 1.451 |
| STROKE | 60 | 26.20 | 1.289 | 1.156 | 1.452 |
| STROKE | 60 | 26.30 | 1.29  | 1.157 | 1.454 |
| STROKE | 60 | 26.40 | 1.292 | 1.158 | 1.455 |
| STROKE | 60 | 26.50 | 1.293 | 1.159 | 1.457 |
| STROKE | 60 | 26.60 | 1.294 | 1.16  | 1.458 |
| STROKE | 60 | 26.70 | 1.296 | 1.162 | 1.46  |
| STROKE | 60 | 26.80 | 1.297 | 1.163 | 1.461 |
| STROKE | 60 | 26.90 | 1.298 | 1.164 | 1.463 |
| STROKE | 60 | 27.00 | 1.299 | 1.165 | 1.464 |
| STROKE | 60 | 27.10 | 1.301 | 1.166 | 1.466 |
| STROKE | 60 | 27.20 | 1.302 | 1.167 | 1.468 |
| STROKE | 60 | 27.30 | 1.303 | 1.168 | 1.469 |
| STROKE | 60 | 27.40 | 1.304 | 1.169 | 1.471 |
| STROKE | 60 | 27.50 | 1.306 | 1.17  | 1.473 |
| STROKE | 60 | 27.60 | 1.307 | 1.171 | 1.475 |
| STROKE | 60 | 27.70 | 1.308 | 1.172 | 1.476 |
| STROKE | 60 | 27.80 | 1.309 | 1.173 | 1.478 |
| STROKE | 60 | 27.90 | 1.311 | 1.174 | 1.48  |
| STROKE | 60 | 28.00 | 1.312 | 1.175 | 1.482 |
| STROKE | 60 | 28.10 | 1.313 | 1.176 | 1.483 |
| STROKE | 60 | 28.20 | 1.314 | 1.177 | 1.485 |
| STROKE | 60 | 28.30 | 1.316 | 1.178 | 1.486 |
| STROKE | 60 | 28.40 | 1.317 | 1.179 | 1.487 |
| STROKE | 60 | 28.50 | 1.318 | 1.18  | 1.489 |
| STROKE | 60 | 28.60 | 1.319 | 1.181 | 1.49  |
| STROKE | 60 | 28.70 | 1.321 | 1.182 | 1.492 |
| STROKE | 60 | 28.80 | 1.322 | 1.183 | 1.493 |
| STROKE | 60 | 28.90 | 1.323 | 1.184 | 1.494 |
| STROKE | 60 | 29.00 | 1.324 | 1.185 | 1.496 |
| STROKE | 60 | 29.10 | 1.326 | 1.186 | 1.497 |
| STROKE | 60 | 29.20 | 1.327 | 1.187 | 1.499 |
| STROKE | 60 | 29.30 | 1.328 | 1.188 | 1.501 |
| STROKE | 60 | 29.40 | 1.329 | 1.189 | 1.503 |
| STROKE | 60 | 29.50 | 1.331 | 1.19  | 1.504 |
| STROKE | 60 | 29.60 | 1.332 | 1.191 | 1.506 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 29.70 | 1.333 | 1.192 | 1.508 |
| STROKE | 60 | 29.80 | 1.334 | 1.193 | 1.509 |
| STROKE | 60 | 29.90 | 1.336 | 1.194 | 1.511 |
| STROKE | 60 | 30.00 | 1.337 | 1.195 | 1.513 |
| STROKE | 60 | 30.10 | 1.338 | 1.196 | 1.514 |
| STROKE | 60 | 30.20 | 1.339 | 1.196 | 1.516 |
| STROKE | 60 | 30.30 | 1.34  | 1.197 | 1.517 |
| STROKE | 60 | 30.40 | 1.342 | 1.198 | 1.519 |
| STROKE | 60 | 30.50 | 1.343 | 1.199 | 1.52  |
| STROKE | 60 | 30.60 | 1.344 | 1.2   | 1.522 |
| STROKE | 60 | 30.70 | 1.345 | 1.201 | 1.523 |
| STROKE | 60 | 30.80 | 1.347 | 1.202 | 1.525 |
| STROKE | 60 | 30.90 | 1.348 | 1.203 | 1.526 |
| STROKE | 60 | 31.00 | 1.349 | 1.204 | 1.528 |
| STROKE | 60 | 31.10 | 1.35  | 1.205 | 1.529 |
| STROKE | 60 | 31.20 | 1.351 | 1.206 | 1.531 |
| STROKE | 60 | 31.30 | 1.353 | 1.206 | 1.532 |
| STROKE | 60 | 31.40 | 1.354 | 1.207 | 1.534 |
| STROKE | 60 | 31.50 | 1.355 | 1.208 | 1.536 |
| STROKE | 60 | 31.60 | 1.356 | 1.209 | 1.537 |
| STROKE | 60 | 31.70 | 1.357 | 1.21  | 1.539 |
| STROKE | 60 | 31.80 | 1.359 | 1.211 | 1.54  |
| STROKE | 60 | 31.90 | 1.36  | 1.212 | 1.542 |
| STROKE | 60 | 32.00 | 1.361 | 1.213 | 1.543 |
| STROKE | 60 | 32.10 | 1.362 | 1.214 | 1.544 |
| STROKE | 60 | 32.20 | 1.363 | 1.215 | 1.545 |
| STROKE | 60 | 32.30 | 1.365 | 1.215 | 1.546 |
| STROKE | 60 | 32.40 | 1.366 | 1.216 | 1.547 |
| STROKE | 60 | 32.50 | 1.367 | 1.217 | 1.548 |
| STROKE | 60 | 32.60 | 1.368 | 1.218 | 1.549 |
| STROKE | 60 | 32.70 | 1.369 | 1.219 | 1.55  |
| STROKE | 60 | 32.80 | 1.371 | 1.22  | 1.551 |
| STROKE | 60 | 32.90 | 1.372 | 1.221 | 1.552 |
| STROKE | 60 | 33.00 | 1.373 | 1.222 | 1.553 |
| STROKE | 60 | 33.10 | 1.374 | 1.223 | 1.554 |
| STROKE | 60 | 33.20 | 1.375 | 1.223 | 1.555 |
| STROKE | 60 | 33.30 | 1.376 | 1.224 | 1.557 |
| STROKE | 60 | 33.40 | 1.378 | 1.225 | 1.558 |
| STROKE | 60 | 33.50 | 1.379 | 1.226 | 1.559 |
| STROKE | 60 | 33.60 | 1.38  | 1.227 | 1.56  |
| STROKE | 60 | 33.70 | 1.381 | 1.228 | 1.561 |
| STROKE | 60 | 33.80 | 1.382 | 1.229 | 1.563 |
| STROKE | 60 | 33.90 | 1.384 | 1.23  | 1.564 |
| STROKE | 60 | 34.00 | 1.385 | 1.231 | 1.565 |
| STROKE | 60 | 34.10 | 1.386 | 1.231 | 1.567 |
| STROKE | 60 | 34.20 | 1.387 | 1.232 | 1.568 |
| STROKE | 60 | 34.30 | 1.388 | 1.233 | 1.57  |
| STROKE | 60 | 34.40 | 1.389 | 1.234 | 1.571 |
| STROKE | 60 | 34.50 | 1.391 | 1.235 | 1.573 |
| STROKE | 60 | 34.60 | 1.392 | 1.236 | 1.575 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 34.70 | 1.393 | 1.237 | 1.576 |
| STROKE | 60 | 34.80 | 1.394 | 1.238 | 1.578 |
| STROKE | 60 | 34.90 | 1.395 | 1.239 | 1.579 |
| STROKE | 60 | 35.00 | 1.396 | 1.239 | 1.581 |
| STROKE | 60 | 35.10 | 1.398 | 1.24  | 1.582 |
| STROKE | 60 | 35.20 | 1.399 | 1.241 | 1.583 |
| STROKE | 60 | 35.30 | 1.4   | 1.242 | 1.585 |
| STROKE | 60 | 35.40 | 1.401 | 1.243 | 1.586 |
| STROKE | 60 | 35.50 | 1.402 | 1.244 | 1.587 |
| STROKE | 60 | 35.60 | 1.403 | 1.245 | 1.588 |
| STROKE | 60 | 35.70 | 1.405 | 1.246 | 1.59  |
| STROKE | 60 | 35.80 | 1.406 | 1.247 | 1.591 |
| STROKE | 60 | 35.90 | 1.407 | 1.247 | 1.592 |
| STROKE | 60 | 36.00 | 1.408 | 1.248 | 1.593 |
| STROKE | 60 | 36.10 | 1.409 | 1.249 | 1.595 |
| STROKE | 60 | 36.20 | 1.41  | 1.25  | 1.596 |
| STROKE | 60 | 36.30 | 1.411 | 1.251 | 1.597 |
| STROKE | 60 | 36.40 | 1.413 | 1.252 | 1.599 |
| STROKE | 60 | 36.50 | 1.414 | 1.253 | 1.6   |
| STROKE | 60 | 36.60 | 1.415 | 1.254 | 1.601 |
| STROKE | 60 | 36.70 | 1.416 | 1.254 | 1.603 |
| STROKE | 60 | 36.80 | 1.417 | 1.255 | 1.604 |
| STROKE | 60 | 36.90 | 1.418 | 1.256 | 1.606 |
| STROKE | 60 | 37.00 | 1.419 | 1.257 | 1.607 |
| STROKE | 60 | 37.10 | 1.421 | 1.258 | 1.608 |
| STROKE | 60 | 37.20 | 1.422 | 1.259 | 1.61  |
| STROKE | 60 | 37.30 | 1.423 | 1.26  | 1.611 |
| STROKE | 60 | 37.40 | 1.424 | 1.261 | 1.612 |
| STROKE | 60 | 37.50 | 1.425 | 1.261 | 1.614 |
| STROKE | 60 | 37.60 | 1.426 | 1.262 | 1.615 |
| STROKE | 60 | 37.70 | 1.427 | 1.263 | 1.616 |
| STROKE | 60 | 37.80 | 1.428 | 1.264 | 1.618 |
| STROKE | 60 | 37.90 | 1.43  | 1.265 | 1.619 |
| STROKE | 60 | 38.00 | 1.431 | 1.266 | 1.62  |
| STROKE | 60 | 38.10 | 1.432 | 1.266 | 1.622 |
| STROKE | 60 | 38.20 | 1.433 | 1.267 | 1.623 |
| STROKE | 60 | 38.30 | 1.434 | 1.267 | 1.624 |
| STROKE | 60 | 38.40 | 1.435 | 1.268 | 1.625 |
| STROKE | 60 | 38.50 | 1.436 | 1.269 | 1.627 |
| STROKE | 60 | 38.60 | 1.437 | 1.269 | 1.628 |
| STROKE | 60 | 38.70 | 1.439 | 1.27  | 1.629 |
| STROKE | 60 | 38.80 | 1.44  | 1.27  | 1.63  |
| STROKE | 60 | 38.90 | 1.441 | 1.271 | 1.632 |
| STROKE | 60 | 39.00 | 1.442 | 1.271 | 1.633 |
| STROKE | 60 | 39.10 | 1.443 | 1.272 | 1.634 |
| STROKE | 60 | 39.20 | 1.444 | 1.273 | 1.635 |
| STROKE | 60 | 39.30 | 1.445 | 1.274 | 1.636 |
| STROKE | 60 | 39.40 | 1.446 | 1.275 | 1.637 |
| STROKE | 60 | 39.50 | 1.447 | 1.276 | 1.638 |
| STROKE | 60 | 39.60 | 1.449 | 1.277 | 1.639 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 39.70 | 1.45  | 1.278 | 1.64  |
| STROKE | 60 | 39.80 | 1.451 | 1.278 | 1.641 |
| STROKE | 60 | 39.90 | 1.452 | 1.279 | 1.642 |
| STROKE | 60 | 40.00 | 1.453 | 1.28  | 1.643 |
| STROKE | 60 | 40.10 | 1.454 | 1.281 | 1.644 |
| STROKE | 60 | 40.20 | 1.455 | 1.282 | 1.645 |
| STROKE | 60 | 40.30 | 1.456 | 1.283 | 1.647 |
| STROKE | 60 | 40.40 | 1.457 | 1.284 | 1.648 |
| STROKE | 60 | 40.50 | 1.458 | 1.285 | 1.649 |
| STROKE | 60 | 40.60 | 1.46  | 1.286 | 1.651 |
| STROKE | 60 | 40.70 | 1.461 | 1.286 | 1.652 |
| STROKE | 60 | 40.80 | 1.462 | 1.287 | 1.653 |
| STROKE | 60 | 40.90 | 1.463 | 1.288 | 1.654 |
| STROKE | 60 | 41.00 | 1.464 | 1.289 | 1.656 |
| STROKE | 60 | 41.10 | 1.465 | 1.29  | 1.657 |
| STROKE | 60 | 41.20 | 1.466 | 1.291 | 1.658 |
| STROKE | 60 | 41.30 | 1.467 | 1.292 | 1.66  |
| STROKE | 60 | 41.40 | 1.468 | 1.293 | 1.661 |
| STROKE | 60 | 41.50 | 1.469 | 1.294 | 1.663 |
| STROKE | 60 | 41.60 | 1.47  | 1.295 | 1.664 |
| STROKE | 60 | 41.70 | 1.471 | 1.296 | 1.665 |
| STROKE | 60 | 41.80 | 1.473 | 1.297 | 1.667 |
| STROKE | 60 | 41.90 | 1.474 | 1.298 | 1.668 |
| STROKE | 60 | 42.00 | 1.475 | 1.299 | 1.669 |
| STROKE | 60 | 42.10 | 1.476 | 1.299 | 1.671 |
| STROKE | 60 | 42.20 | 1.477 | 1.3   | 1.672 |
| STROKE | 60 | 42.30 | 1.478 | 1.301 | 1.673 |
| STROKE | 60 | 42.40 | 1.479 | 1.302 | 1.674 |
| STROKE | 60 | 42.50 | 1.48  | 1.303 | 1.676 |
| STROKE | 60 | 42.60 | 1.481 | 1.304 | 1.677 |
| STROKE | 60 | 42.70 | 1.482 | 1.304 | 1.678 |
| STROKE | 60 | 42.80 | 1.483 | 1.305 | 1.68  |
| STROKE | 60 | 42.90 | 1.484 | 1.306 | 1.681 |
| STROKE | 60 | 43.00 | 1.485 | 1.307 | 1.682 |
| STROKE | 60 | 43.10 | 1.486 | 1.308 | 1.683 |
| STROKE | 60 | 43.20 | 1.487 | 1.309 | 1.685 |
| STROKE | 60 | 43.30 | 1.489 | 1.31  | 1.686 |
| STROKE | 60 | 43.40 | 1.49  | 1.311 | 1.687 |
| STROKE | 60 | 43.50 | 1.491 | 1.312 | 1.689 |
| STROKE | 60 | 43.60 | 1.492 | 1.313 | 1.69  |
| STROKE | 60 | 43.70 | 1.493 | 1.313 | 1.691 |
| STROKE | 60 | 43.80 | 1.494 | 1.314 | 1.693 |
| STROKE | 60 | 43.90 | 1.495 | 1.315 | 1.694 |
| STROKE | 60 | 44.00 | 1.496 | 1.316 | 1.695 |
| STROKE | 60 | 44.10 | 1.497 | 1.317 | 1.697 |
| STROKE | 60 | 44.20 | 1.498 | 1.318 | 1.698 |
| STROKE | 60 | 44.30 | 1.499 | 1.319 | 1.699 |
| STROKE | 60 | 44.40 | 1.5   | 1.32  | 1.7   |
| STROKE | 60 | 44.50 | 1.501 | 1.32  | 1.701 |
| STROKE | 60 | 44.60 | 1.502 | 1.321 | 1.702 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 44.70 | 1.503 | 1.322 | 1.703 |
| STROKE | 60 | 44.80 | 1.504 | 1.323 | 1.705 |
| STROKE | 60 | 44.90 | 1.505 | 1.324 | 1.706 |
| STROKE | 60 | 45.00 | 1.506 | 1.324 | 1.707 |
| STROKE | 60 | 45.10 | 1.507 | 1.325 | 1.708 |
| STROKE | 60 | 45.20 | 1.508 | 1.326 | 1.709 |
| STROKE | 60 | 45.30 | 1.509 | 1.327 | 1.71  |
| STROKE | 60 | 45.40 | 1.51  | 1.328 | 1.712 |
| STROKE | 60 | 45.50 | 1.511 | 1.329 | 1.713 |
| STROKE | 60 | 45.60 | 1.512 | 1.33  | 1.714 |
| STROKE | 60 | 45.70 | 1.514 | 1.33  | 1.715 |
| STROKE | 60 | 45.80 | 1.515 | 1.331 | 1.716 |
| STROKE | 60 | 45.90 | 1.516 | 1.332 | 1.717 |
| STROKE | 60 | 46.00 | 1.517 | 1.333 | 1.718 |
| STROKE | 60 | 46.10 | 1.518 | 1.334 | 1.72  |
| STROKE | 60 | 46.20 | 1.519 | 1.335 | 1.721 |
| STROKE | 60 | 46.30 | 1.52  | 1.336 | 1.722 |
| STROKE | 60 | 46.40 | 1.521 | 1.337 | 1.723 |
| STROKE | 60 | 46.50 | 1.522 | 1.337 | 1.724 |
| STROKE | 60 | 46.60 | 1.523 | 1.338 | 1.725 |
| STROKE | 60 | 46.70 | 1.524 | 1.339 | 1.726 |
| STROKE | 60 | 46.80 | 1.525 | 1.34  | 1.728 |
| STROKE | 60 | 46.90 | 1.526 | 1.341 | 1.729 |
| STROKE | 60 | 47.00 | 1.527 | 1.342 | 1.73  |
| STROKE | 60 | 47.10 | 1.528 | 1.343 | 1.731 |
| STROKE | 60 | 47.20 | 1.529 | 1.343 | 1.732 |
| STROKE | 60 | 47.30 | 1.53  | 1.344 | 1.733 |
| STROKE | 60 | 47.40 | 1.531 | 1.345 | 1.735 |
| STROKE | 60 | 47.50 | 1.532 | 1.346 | 1.736 |
| STROKE | 60 | 47.60 | 1.533 | 1.346 | 1.737 |
| STROKE | 60 | 47.70 | 1.534 | 1.347 | 1.738 |
| STROKE | 60 | 47.80 | 1.535 | 1.348 | 1.74  |
| STROKE | 60 | 47.90 | 1.536 | 1.349 | 1.741 |
| STROKE | 60 | 48.00 | 1.537 | 1.349 | 1.742 |
| STROKE | 60 | 48.10 | 1.538 | 1.35  | 1.743 |
| STROKE | 60 | 48.20 | 1.539 | 1.351 | 1.744 |
| STROKE | 60 | 48.30 | 1.54  | 1.352 | 1.745 |
| STROKE | 60 | 48.40 | 1.541 | 1.353 | 1.746 |
| STROKE | 60 | 48.50 | 1.542 | 1.353 | 1.747 |
| STROKE | 60 | 48.60 | 1.543 | 1.354 | 1.748 |
| STROKE | 60 | 48.70 | 1.544 | 1.355 | 1.749 |
| STROKE | 60 | 48.80 | 1.545 | 1.356 | 1.75  |
| STROKE | 60 | 48.90 | 1.546 | 1.357 | 1.751 |
| STROKE | 60 | 49.00 | 1.547 | 1.358 | 1.752 |
| STROKE | 60 | 49.10 | 1.548 | 1.358 | 1.753 |
| STROKE | 60 | 49.20 | 1.549 | 1.359 | 1.754 |
| STROKE | 60 | 49.30 | 1.55  | 1.36  | 1.755 |
| STROKE | 60 | 49.40 | 1.551 | 1.361 | 1.756 |
| STROKE | 60 | 49.50 | 1.552 | 1.361 | 1.757 |
| STROKE | 60 | 49.60 | 1.552 | 1.362 | 1.758 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 60 | 49.70 | 1.553 | 1.363 | 1.759 |
| STROKE | 60 | 49.80 | 1.554 | 1.364 | 1.76  |
| STROKE | 60 | 49.90 | 1.555 | 1.364 | 1.761 |
| STROKE | 65 | 0.00  | 1     | 1     | 1     |
| STROKE | 65 | 0.10  | 1     | 1     | 1     |
| STROKE | 65 | 0.20  | 1     | 1     | 1     |
| STROKE | 65 | 0.30  | 1     | 1     | 1     |
| STROKE | 65 | 0.40  | 1     | 1     | 1     |
| STROKE | 65 | 0.50  | 1     | 1     | 1     |
| STROKE | 65 | 0.60  | 1     | 1     | 1     |
| STROKE | 65 | 0.70  | 1     | 1     | 1     |
| STROKE | 65 | 0.80  | 1     | 1     | 1     |
| STROKE | 65 | 0.90  | 1     | 1     | 1     |
| STROKE | 65 | 1.00  | 1     | 1     | 1     |
| STROKE | 65 | 1.10  | 1     | 1     | 1     |
| STROKE | 65 | 1.20  | 1     | 1     | 1     |
| STROKE | 65 | 1.30  | 1     | 1     | 1     |
| STROKE | 65 | 1.40  | 1     | 1     | 1.002 |
| STROKE | 65 | 1.50  | 1     | 1     | 1.004 |
| STROKE | 65 | 1.60  | 1     | 1     | 1.007 |
| STROKE | 65 | 1.70  | 1.001 | 1     | 1.009 |
| STROKE | 65 | 1.80  | 1.001 | 1     | 1.011 |
| STROKE | 65 | 1.90  | 1.001 | 1     | 1.014 |
| STROKE | 65 | 2.00  | 1.001 | 1     | 1.017 |
| STROKE | 65 | 2.10  | 1.002 | 1     | 1.019 |
| STROKE | 65 | 2.20  | 1.002 | 1     | 1.021 |
| STROKE | 65 | 2.30  | 1.003 | 1     | 1.024 |
| STROKE | 65 | 2.40  | 1.003 | 1     | 1.026 |
| STROKE | 65 | 2.50  | 1.004 | 1     | 1.029 |
| STROKE | 65 | 2.60  | 1.004 | 1     | 1.031 |
| STROKE | 65 | 2.70  | 1.005 | 1     | 1.034 |
| STROKE | 65 | 2.80  | 1.006 | 1     | 1.036 |
| STROKE | 65 | 2.90  | 1.007 | 1     | 1.038 |
| STROKE | 65 | 3.00  | 1.007 | 1     | 1.041 |
| STROKE | 65 | 3.10  | 1.008 | 1     | 1.044 |
| STROKE | 65 | 3.20  | 1.009 | 1     | 1.046 |
| STROKE | 65 | 3.30  | 1.01  | 1     | 1.049 |
| STROKE | 65 | 3.40  | 1.011 | 1     | 1.051 |
| STROKE | 65 | 3.50  | 1.012 | 1     | 1.054 |
| STROKE | 65 | 3.60  | 1.013 | 1     | 1.056 |
| STROKE | 65 | 3.70  | 1.015 | 1     | 1.059 |
| STROKE | 65 | 3.80  | 1.016 | 1     | 1.061 |
| STROKE | 65 | 3.90  | 1.017 | 1     | 1.063 |
| STROKE | 65 | 4.00  | 1.018 | 1     | 1.066 |
| STROKE | 65 | 4.10  | 1.02  | 1     | 1.068 |
| STROKE | 65 | 4.20  | 1.021 | 1     | 1.071 |
| STROKE | 65 | 4.30  | 1.022 | 1     | 1.073 |
| STROKE | 65 | 4.40  | 1.023 | 1     | 1.075 |
| STROKE | 65 | 4.50  | 1.025 | 1     | 1.077 |
| STROKE | 65 | 4.60  | 1.026 | 1     | 1.08  |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 65 | 4.70 | 1.028 | 1     | 1.082 |
| STROKE | 65 | 4.80 | 1.029 | 1     | 1.084 |
| STROKE | 65 | 4.90 | 1.031 | 1     | 1.087 |
| STROKE | 65 | 5.00 | 1.032 | 1     | 1.089 |
| STROKE | 65 | 5.10 | 1.033 | 1     | 1.091 |
| STROKE | 65 | 5.20 | 1.035 | 1     | 1.094 |
| STROKE | 65 | 5.30 | 1.036 | 1     | 1.097 |
| STROKE | 65 | 5.40 | 1.038 | 1     | 1.1   |
| STROKE | 65 | 5.50 | 1.039 | 1     | 1.102 |
| STROKE | 65 | 5.60 | 1.041 | 1     | 1.105 |
| STROKE | 65 | 5.70 | 1.042 | 1.001 | 1.107 |
| STROKE | 65 | 5.80 | 1.044 | 1.002 | 1.11  |
| STROKE | 65 | 5.90 | 1.045 | 1.004 | 1.113 |
| STROKE | 65 | 6.00 | 1.047 | 1.005 | 1.115 |
| STROKE | 65 | 6.10 | 1.048 | 1.006 | 1.118 |
| STROKE | 65 | 6.20 | 1.05  | 1.007 | 1.12  |
| STROKE | 65 | 6.30 | 1.051 | 1.008 | 1.123 |
| STROKE | 65 | 6.40 | 1.053 | 1.009 | 1.125 |
| STROKE | 65 | 6.50 | 1.054 | 1.01  | 1.128 |
| STROKE | 65 | 6.60 | 1.056 | 1.011 | 1.13  |
| STROKE | 65 | 6.70 | 1.057 | 1.012 | 1.132 |
| STROKE | 65 | 6.80 | 1.059 | 1.013 | 1.135 |
| STROKE | 65 | 6.90 | 1.06  | 1.014 | 1.137 |
| STROKE | 65 | 7.00 | 1.062 | 1.015 | 1.139 |
| STROKE | 65 | 7.10 | 1.063 | 1.016 | 1.141 |
| STROKE | 65 | 7.20 | 1.065 | 1.017 | 1.144 |
| STROKE | 65 | 7.30 | 1.066 | 1.018 | 1.146 |
| STROKE | 65 | 7.40 | 1.068 | 1.019 | 1.148 |
| STROKE | 65 | 7.50 | 1.069 | 1.02  | 1.15  |
| STROKE | 65 | 7.60 | 1.071 | 1.021 | 1.152 |
| STROKE | 65 | 7.70 | 1.072 | 1.022 | 1.155 |
| STROKE | 65 | 7.80 | 1.074 | 1.023 | 1.157 |
| STROKE | 65 | 7.90 | 1.075 | 1.024 | 1.159 |
| STROKE | 65 | 8.00 | 1.077 | 1.025 | 1.161 |
| STROKE | 65 | 8.10 | 1.078 | 1.026 | 1.163 |
| STROKE | 65 | 8.20 | 1.08  | 1.027 | 1.166 |
| STROKE | 65 | 8.30 | 1.081 | 1.029 | 1.168 |
| STROKE | 65 | 8.40 | 1.083 | 1.03  | 1.17  |
| STROKE | 65 | 8.50 | 1.084 | 1.031 | 1.172 |
| STROKE | 65 | 8.60 | 1.086 | 1.032 | 1.174 |
| STROKE | 65 | 8.70 | 1.087 | 1.033 | 1.177 |
| STROKE | 65 | 8.80 | 1.089 | 1.034 | 1.179 |
| STROKE | 65 | 8.90 | 1.09  | 1.035 | 1.181 |
| STROKE | 65 | 9.00 | 1.092 | 1.036 | 1.183 |
| STROKE | 65 | 9.10 | 1.093 | 1.037 | 1.185 |
| STROKE | 65 | 9.20 | 1.094 | 1.038 | 1.187 |
| STROKE | 65 | 9.30 | 1.096 | 1.039 | 1.189 |
| STROKE | 65 | 9.40 | 1.097 | 1.04  | 1.191 |
| STROKE | 65 | 9.50 | 1.099 | 1.041 | 1.193 |
| STROKE | 65 | 9.60 | 1.1   | 1.041 | 1.194 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 9.70  | 1.102 | 1.042 | 1.196 |
| STROKE | 65 | 9.80  | 1.103 | 1.043 | 1.198 |
| STROKE | 65 | 9.90  | 1.105 | 1.044 | 1.199 |
| STROKE | 65 | 10.00 | 1.106 | 1.045 | 1.201 |
| STROKE | 65 | 10.10 | 1.107 | 1.046 | 1.203 |
| STROKE | 65 | 10.20 | 1.109 | 1.047 | 1.205 |
| STROKE | 65 | 10.30 | 1.11  | 1.048 | 1.206 |
| STROKE | 65 | 10.40 | 1.112 | 1.049 | 1.208 |
| STROKE | 65 | 10.50 | 1.113 | 1.05  | 1.21  |
| STROKE | 65 | 10.60 | 1.115 | 1.051 | 1.212 |
| STROKE | 65 | 10.70 | 1.116 | 1.052 | 1.214 |
| STROKE | 65 | 10.80 | 1.117 | 1.053 | 1.216 |
| STROKE | 65 | 10.90 | 1.119 | 1.054 | 1.217 |
| STROKE | 65 | 11.00 | 1.12  | 1.055 | 1.219 |
| STROKE | 65 | 11.10 | 1.122 | 1.056 | 1.221 |
| STROKE | 65 | 11.20 | 1.123 | 1.058 | 1.223 |
| STROKE | 65 | 11.30 | 1.125 | 1.059 | 1.225 |
| STROKE | 65 | 11.40 | 1.126 | 1.06  | 1.227 |
| STROKE | 65 | 11.50 | 1.127 | 1.061 | 1.229 |
| STROKE | 65 | 11.60 | 1.129 | 1.062 | 1.231 |
| STROKE | 65 | 11.70 | 1.13  | 1.063 | 1.233 |
| STROKE | 65 | 11.80 | 1.132 | 1.064 | 1.235 |
| STROKE | 65 | 11.90 | 1.133 | 1.065 | 1.237 |
| STROKE | 65 | 12.00 | 1.134 | 1.066 | 1.239 |
| STROKE | 65 | 12.10 | 1.136 | 1.067 | 1.241 |
| STROKE | 65 | 12.20 | 1.137 | 1.068 | 1.243 |
| STROKE | 65 | 12.30 | 1.139 | 1.069 | 1.245 |
| STROKE | 65 | 12.40 | 1.14  | 1.07  | 1.247 |
| STROKE | 65 | 12.50 | 1.141 | 1.071 | 1.249 |
| STROKE | 65 | 12.60 | 1.143 | 1.072 | 1.251 |
| STROKE | 65 | 12.70 | 1.144 | 1.073 | 1.252 |
| STROKE | 65 | 12.80 | 1.146 | 1.074 | 1.254 |
| STROKE | 65 | 12.90 | 1.147 | 1.076 | 1.256 |
| STROKE | 65 | 13.00 | 1.148 | 1.077 | 1.258 |
| STROKE | 65 | 13.10 | 1.15  | 1.078 | 1.26  |
| STROKE | 65 | 13.20 | 1.151 | 1.078 | 1.262 |
| STROKE | 65 | 13.30 | 1.153 | 1.079 | 1.264 |
| STROKE | 65 | 13.40 | 1.154 | 1.08  | 1.266 |
| STROKE | 65 | 13.50 | 1.155 | 1.081 | 1.268 |
| STROKE | 65 | 13.60 | 1.157 | 1.082 | 1.27  |
| STROKE | 65 | 13.70 | 1.158 | 1.083 | 1.272 |
| STROKE | 65 | 13.80 | 1.159 | 1.084 | 1.273 |
| STROKE | 65 | 13.90 | 1.161 | 1.085 | 1.275 |
| STROKE | 65 | 14.00 | 1.162 | 1.086 | 1.277 |
| STROKE | 65 | 14.10 | 1.164 | 1.087 | 1.279 |
| STROKE | 65 | 14.20 | 1.165 | 1.088 | 1.281 |
| STROKE | 65 | 14.30 | 1.166 | 1.089 | 1.283 |
| STROKE | 65 | 14.40 | 1.168 | 1.09  | 1.284 |
| STROKE | 65 | 14.50 | 1.169 | 1.09  | 1.286 |
| STROKE | 65 | 14.60 | 1.17  | 1.091 | 1.288 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 14.70 | 1.172 | 1.092 | 1.29  |
| STROKE | 65 | 14.80 | 1.173 | 1.093 | 1.292 |
| STROKE | 65 | 14.90 | 1.174 | 1.094 | 1.293 |
| STROKE | 65 | 15.00 | 1.176 | 1.095 | 1.295 |
| STROKE | 65 | 15.10 | 1.177 | 1.096 | 1.297 |
| STROKE | 65 | 15.20 | 1.178 | 1.097 | 1.298 |
| STROKE | 65 | 15.30 | 1.18  | 1.098 | 1.3   |
| STROKE | 65 | 15.40 | 1.181 | 1.099 | 1.302 |
| STROKE | 65 | 15.50 | 1.183 | 1.1   | 1.303 |
| STROKE | 65 | 15.60 | 1.184 | 1.101 | 1.305 |
| STROKE | 65 | 15.70 | 1.185 | 1.102 | 1.307 |
| STROKE | 65 | 15.80 | 1.187 | 1.103 | 1.308 |
| STROKE | 65 | 15.90 | 1.188 | 1.103 | 1.31  |
| STROKE | 65 | 16.00 | 1.189 | 1.104 | 1.312 |
| STROKE | 65 | 16.10 | 1.191 | 1.105 | 1.313 |
| STROKE | 65 | 16.20 | 1.192 | 1.106 | 1.315 |
| STROKE | 65 | 16.30 | 1.193 | 1.107 | 1.316 |
| STROKE | 65 | 16.40 | 1.195 | 1.108 | 1.318 |
| STROKE | 65 | 16.50 | 1.196 | 1.109 | 1.319 |
| STROKE | 65 | 16.60 | 1.197 | 1.11  | 1.321 |
| STROKE | 65 | 16.70 | 1.199 | 1.111 | 1.322 |
| STROKE | 65 | 16.80 | 1.2   | 1.112 | 1.324 |
| STROKE | 65 | 16.90 | 1.201 | 1.113 | 1.325 |
| STROKE | 65 | 17.00 | 1.202 | 1.114 | 1.327 |
| STROKE | 65 | 17.10 | 1.204 | 1.114 | 1.328 |
| STROKE | 65 | 17.20 | 1.205 | 1.115 | 1.33  |
| STROKE | 65 | 17.30 | 1.206 | 1.116 | 1.332 |
| STROKE | 65 | 17.40 | 1.208 | 1.117 | 1.333 |
| STROKE | 65 | 17.50 | 1.209 | 1.118 | 1.335 |
| STROKE | 65 | 17.60 | 1.21  | 1.119 | 1.337 |
| STROKE | 65 | 17.70 | 1.212 | 1.12  | 1.338 |
| STROKE | 65 | 17.80 | 1.213 | 1.121 | 1.34  |
| STROKE | 65 | 17.90 | 1.214 | 1.122 | 1.341 |
| STROKE | 65 | 18.00 | 1.216 | 1.123 | 1.343 |
| STROKE | 65 | 18.10 | 1.217 | 1.124 | 1.345 |
| STROKE | 65 | 18.20 | 1.218 | 1.125 | 1.346 |
| STROKE | 65 | 18.30 | 1.219 | 1.126 | 1.348 |
| STROKE | 65 | 18.40 | 1.221 | 1.127 | 1.35  |
| STROKE | 65 | 18.50 | 1.222 | 1.127 | 1.351 |
| STROKE | 65 | 18.60 | 1.223 | 1.128 | 1.353 |
| STROKE | 65 | 18.70 | 1.225 | 1.129 | 1.355 |
| STROKE | 65 | 18.80 | 1.226 | 1.13  | 1.356 |
| STROKE | 65 | 18.90 | 1.227 | 1.131 | 1.358 |
| STROKE | 65 | 19.00 | 1.229 | 1.132 | 1.359 |
| STROKE | 65 | 19.10 | 1.23  | 1.133 | 1.361 |
| STROKE | 65 | 19.20 | 1.231 | 1.134 | 1.363 |
| STROKE | 65 | 19.30 | 1.232 | 1.135 | 1.364 |
| STROKE | 65 | 19.40 | 1.234 | 1.136 | 1.366 |
| STROKE | 65 | 19.50 | 1.235 | 1.137 | 1.367 |
| STROKE | 65 | 19.60 | 1.236 | 1.138 | 1.369 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 19.70 | 1.237 | 1.139 | 1.371 |
| STROKE | 65 | 19.80 | 1.239 | 1.14  | 1.372 |
| STROKE | 65 | 19.90 | 1.24  | 1.141 | 1.374 |
| STROKE | 65 | 20.00 | 1.241 | 1.142 | 1.375 |
| STROKE | 65 | 20.10 | 1.243 | 1.143 | 1.377 |
| STROKE | 65 | 20.20 | 1.244 | 1.144 | 1.378 |
| STROKE | 65 | 20.30 | 1.245 | 1.145 | 1.38  |
| STROKE | 65 | 20.40 | 1.246 | 1.146 | 1.382 |
| STROKE | 65 | 20.50 | 1.248 | 1.147 | 1.383 |
| STROKE | 65 | 20.60 | 1.249 | 1.148 | 1.385 |
| STROKE | 65 | 20.70 | 1.25  | 1.149 | 1.386 |
| STROKE | 65 | 20.80 | 1.251 | 1.15  | 1.388 |
| STROKE | 65 | 20.90 | 1.253 | 1.151 | 1.389 |
| STROKE | 65 | 21.00 | 1.254 | 1.152 | 1.391 |
| STROKE | 65 | 21.10 | 1.255 | 1.152 | 1.392 |
| STROKE | 65 | 21.20 | 1.256 | 1.153 | 1.393 |
| STROKE | 65 | 21.30 | 1.258 | 1.154 | 1.394 |
| STROKE | 65 | 21.40 | 1.259 | 1.155 | 1.395 |
| STROKE | 65 | 21.50 | 1.26  | 1.156 | 1.397 |
| STROKE | 65 | 21.60 | 1.261 | 1.157 | 1.398 |
| STROKE | 65 | 21.70 | 1.263 | 1.158 | 1.399 |
| STROKE | 65 | 21.80 | 1.264 | 1.159 | 1.4   |
| STROKE | 65 | 21.90 | 1.265 | 1.16  | 1.401 |
| STROKE | 65 | 22.00 | 1.266 | 1.161 | 1.403 |
| STROKE | 65 | 22.10 | 1.268 | 1.162 | 1.404 |
| STROKE | 65 | 22.20 | 1.269 | 1.163 | 1.406 |
| STROKE | 65 | 22.30 | 1.27  | 1.164 | 1.407 |
| STROKE | 65 | 22.40 | 1.271 | 1.165 | 1.409 |
| STROKE | 65 | 22.50 | 1.273 | 1.166 | 1.41  |
| STROKE | 65 | 22.60 | 1.274 | 1.167 | 1.411 |
| STROKE | 65 | 22.70 | 1.275 | 1.168 | 1.413 |
| STROKE | 65 | 22.80 | 1.276 | 1.169 | 1.414 |
| STROKE | 65 | 22.90 | 1.278 | 1.17  | 1.416 |
| STROKE | 65 | 23.00 | 1.279 | 1.171 | 1.417 |
| STROKE | 65 | 23.10 | 1.28  | 1.171 | 1.419 |
| STROKE | 65 | 23.20 | 1.281 | 1.172 | 1.42  |
| STROKE | 65 | 23.30 | 1.282 | 1.173 | 1.422 |
| STROKE | 65 | 23.40 | 1.284 | 1.174 | 1.423 |
| STROKE | 65 | 23.50 | 1.285 | 1.175 | 1.424 |
| STROKE | 65 | 23.60 | 1.286 | 1.176 | 1.426 |
| STROKE | 65 | 23.70 | 1.287 | 1.177 | 1.427 |
| STROKE | 65 | 23.80 | 1.289 | 1.178 | 1.429 |
| STROKE | 65 | 23.90 | 1.29  | 1.179 | 1.43  |
| STROKE | 65 | 24.00 | 1.291 | 1.18  | 1.432 |
| STROKE | 65 | 24.10 | 1.292 | 1.181 | 1.433 |
| STROKE | 65 | 24.20 | 1.293 | 1.182 | 1.434 |
| STROKE | 65 | 24.30 | 1.295 | 1.183 | 1.436 |
| STROKE | 65 | 24.40 | 1.296 | 1.184 | 1.437 |
| STROKE | 65 | 24.50 | 1.297 | 1.184 | 1.438 |
| STROKE | 65 | 24.60 | 1.298 | 1.185 | 1.439 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 24.70 | 1.299 | 1.186 | 1.441 |
| STROKE | 65 | 24.80 | 1.301 | 1.187 | 1.442 |
| STROKE | 65 | 24.90 | 1.302 | 1.188 | 1.443 |
| STROKE | 65 | 25.00 | 1.303 | 1.189 | 1.445 |
| STROKE | 65 | 25.10 | 1.304 | 1.19  | 1.446 |
| STROKE | 65 | 25.20 | 1.305 | 1.191 | 1.447 |
| STROKE | 65 | 25.30 | 1.307 | 1.192 | 1.449 |
| STROKE | 65 | 25.40 | 1.308 | 1.193 | 1.45  |
| STROKE | 65 | 25.50 | 1.309 | 1.194 | 1.451 |
| STROKE | 65 | 25.60 | 1.31  | 1.195 | 1.453 |
| STROKE | 65 | 25.70 | 1.311 | 1.196 | 1.454 |
| STROKE | 65 | 25.80 | 1.313 | 1.197 | 1.455 |
| STROKE | 65 | 25.90 | 1.314 | 1.198 | 1.457 |
| STROKE | 65 | 26.00 | 1.315 | 1.198 | 1.458 |
| STROKE | 65 | 26.10 | 1.316 | 1.199 | 1.459 |
| STROKE | 65 | 26.20 | 1.317 | 1.2   | 1.461 |
| STROKE | 65 | 26.30 | 1.319 | 1.201 | 1.462 |
| STROKE | 65 | 26.40 | 1.32  | 1.202 | 1.463 |
| STROKE | 65 | 26.50 | 1.321 | 1.203 | 1.465 |
| STROKE | 65 | 26.60 | 1.322 | 1.204 | 1.466 |
| STROKE | 65 | 26.70 | 1.323 | 1.205 | 1.467 |
| STROKE | 65 | 26.80 | 1.324 | 1.206 | 1.469 |
| STROKE | 65 | 26.90 | 1.326 | 1.207 | 1.47  |
| STROKE | 65 | 27.00 | 1.327 | 1.208 | 1.471 |
| STROKE | 65 | 27.10 | 1.328 | 1.209 | 1.473 |
| STROKE | 65 | 27.20 | 1.329 | 1.21  | 1.474 |
| STROKE | 65 | 27.30 | 1.33  | 1.211 | 1.476 |
| STROKE | 65 | 27.40 | 1.331 | 1.211 | 1.477 |
| STROKE | 65 | 27.50 | 1.333 | 1.212 | 1.478 |
| STROKE | 65 | 27.60 | 1.334 | 1.213 | 1.48  |
| STROKE | 65 | 27.70 | 1.335 | 1.214 | 1.481 |
| STROKE | 65 | 27.80 | 1.336 | 1.215 | 1.483 |
| STROKE | 65 | 27.90 | 1.337 | 1.216 | 1.484 |
| STROKE | 65 | 28.00 | 1.338 | 1.217 | 1.485 |
| STROKE | 65 | 28.10 | 1.34  | 1.218 | 1.487 |
| STROKE | 65 | 28.20 | 1.341 | 1.219 | 1.488 |
| STROKE | 65 | 28.30 | 1.342 | 1.22  | 1.489 |
| STROKE | 65 | 28.40 | 1.343 | 1.221 | 1.49  |
| STROKE | 65 | 28.50 | 1.344 | 1.222 | 1.491 |
| STROKE | 65 | 28.60 | 1.345 | 1.223 | 1.493 |
| STROKE | 65 | 28.70 | 1.346 | 1.224 | 1.494 |
| STROKE | 65 | 28.80 | 1.348 | 1.224 | 1.495 |
| STROKE | 65 | 28.90 | 1.349 | 1.225 | 1.496 |
| STROKE | 65 | 29.00 | 1.35  | 1.226 | 1.497 |
| STROKE | 65 | 29.10 | 1.351 | 1.227 | 1.499 |
| STROKE | 65 | 29.20 | 1.352 | 1.228 | 1.5   |
| STROKE | 65 | 29.30 | 1.353 | 1.229 | 1.501 |
| STROKE | 65 | 29.40 | 1.354 | 1.23  | 1.502 |
| STROKE | 65 | 29.50 | 1.356 | 1.231 | 1.504 |
| STROKE | 65 | 29.60 | 1.357 | 1.232 | 1.505 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 29.70 | 1.358 | 1.233 | 1.506 |
| STROKE | 65 | 29.80 | 1.359 | 1.234 | 1.507 |
| STROKE | 65 | 29.90 | 1.36  | 1.235 | 1.509 |
| STROKE | 65 | 30.00 | 1.361 | 1.236 | 1.51  |
| STROKE | 65 | 30.10 | 1.362 | 1.237 | 1.511 |
| STROKE | 65 | 30.20 | 1.364 | 1.237 | 1.512 |
| STROKE | 65 | 30.30 | 1.365 | 1.238 | 1.514 |
| STROKE | 65 | 30.40 | 1.366 | 1.239 | 1.515 |
| STROKE | 65 | 30.50 | 1.367 | 1.24  | 1.516 |
| STROKE | 65 | 30.60 | 1.368 | 1.241 | 1.517 |
| STROKE | 65 | 30.70 | 1.369 | 1.242 | 1.518 |
| STROKE | 65 | 30.80 | 1.37  | 1.243 | 1.52  |
| STROKE | 65 | 30.90 | 1.371 | 1.244 | 1.521 |
| STROKE | 65 | 31.00 | 1.373 | 1.245 | 1.522 |
| STROKE | 65 | 31.10 | 1.374 | 1.246 | 1.523 |
| STROKE | 65 | 31.20 | 1.375 | 1.247 | 1.524 |
| STROKE | 65 | 31.30 | 1.376 | 1.248 | 1.526 |
| STROKE | 65 | 31.40 | 1.377 | 1.249 | 1.527 |
| STROKE | 65 | 31.50 | 1.378 | 1.25  | 1.528 |
| STROKE | 65 | 31.60 | 1.379 | 1.25  | 1.529 |
| STROKE | 65 | 31.70 | 1.38  | 1.251 | 1.531 |
| STROKE | 65 | 31.80 | 1.381 | 1.252 | 1.532 |
| STROKE | 65 | 31.90 | 1.383 | 1.253 | 1.533 |
| STROKE | 65 | 32.00 | 1.384 | 1.254 | 1.535 |
| STROKE | 65 | 32.10 | 1.385 | 1.255 | 1.536 |
| STROKE | 65 | 32.20 | 1.386 | 1.256 | 1.537 |
| STROKE | 65 | 32.30 | 1.387 | 1.257 | 1.538 |
| STROKE | 65 | 32.40 | 1.388 | 1.258 | 1.539 |
| STROKE | 65 | 32.50 | 1.389 | 1.259 | 1.54  |
| STROKE | 65 | 32.60 | 1.39  | 1.26  | 1.542 |
| STROKE | 65 | 32.70 | 1.391 | 1.261 | 1.543 |
| STROKE | 65 | 32.80 | 1.393 | 1.262 | 1.544 |
| STROKE | 65 | 32.90 | 1.394 | 1.263 | 1.545 |
| STROKE | 65 | 33.00 | 1.395 | 1.263 | 1.546 |
| STROKE | 65 | 33.10 | 1.396 | 1.264 | 1.548 |
| STROKE | 65 | 33.20 | 1.397 | 1.265 | 1.549 |
| STROKE | 65 | 33.30 | 1.398 | 1.266 | 1.55  |
| STROKE | 65 | 33.40 | 1.399 | 1.267 | 1.552 |
| STROKE | 65 | 33.50 | 1.4   | 1.268 | 1.553 |
| STROKE | 65 | 33.60 | 1.401 | 1.269 | 1.555 |
| STROKE | 65 | 33.70 | 1.402 | 1.27  | 1.556 |
| STROKE | 65 | 33.80 | 1.403 | 1.271 | 1.557 |
| STROKE | 65 | 33.90 | 1.405 | 1.272 | 1.559 |
| STROKE | 65 | 34.00 | 1.406 | 1.273 | 1.56  |
| STROKE | 65 | 34.10 | 1.407 | 1.273 | 1.561 |
| STROKE | 65 | 34.20 | 1.408 | 1.274 | 1.562 |
| STROKE | 65 | 34.30 | 1.409 | 1.275 | 1.564 |
| STROKE | 65 | 34.40 | 1.41  | 1.276 | 1.565 |
| STROKE | 65 | 34.50 | 1.411 | 1.277 | 1.566 |
| STROKE | 65 | 34.60 | 1.412 | 1.278 | 1.567 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 34.70 | 1.413 | 1.279 | 1.569 |
| STROKE | 65 | 34.80 | 1.414 | 1.28  | 1.57  |
| STROKE | 65 | 34.90 | 1.415 | 1.281 | 1.571 |
| STROKE | 65 | 35.00 | 1.416 | 1.282 | 1.572 |
| STROKE | 65 | 35.10 | 1.417 | 1.282 | 1.574 |
| STROKE | 65 | 35.20 | 1.418 | 1.283 | 1.575 |
| STROKE | 65 | 35.30 | 1.42  | 1.284 | 1.576 |
| STROKE | 65 | 35.40 | 1.421 | 1.285 | 1.577 |
| STROKE | 65 | 35.50 | 1.422 | 1.286 | 1.578 |
| STROKE | 65 | 35.60 | 1.423 | 1.287 | 1.579 |
| STROKE | 65 | 35.70 | 1.424 | 1.288 | 1.58  |
| STROKE | 65 | 35.80 | 1.425 | 1.289 | 1.581 |
| STROKE | 65 | 35.90 | 1.426 | 1.29  | 1.582 |
| STROKE | 65 | 36.00 | 1.427 | 1.291 | 1.584 |
| STROKE | 65 | 36.10 | 1.428 | 1.292 | 1.585 |
| STROKE | 65 | 36.20 | 1.429 | 1.293 | 1.586 |
| STROKE | 65 | 36.30 | 1.43  | 1.293 | 1.587 |
| STROKE | 65 | 36.40 | 1.431 | 1.294 | 1.588 |
| STROKE | 65 | 36.50 | 1.432 | 1.295 | 1.589 |
| STROKE | 65 | 36.60 | 1.433 | 1.296 | 1.59  |
| STROKE | 65 | 36.70 | 1.434 | 1.297 | 1.591 |
| STROKE | 65 | 36.80 | 1.435 | 1.298 | 1.592 |
| STROKE | 65 | 36.90 | 1.436 | 1.299 | 1.593 |
| STROKE | 65 | 37.00 | 1.437 | 1.299 | 1.594 |
| STROKE | 65 | 37.10 | 1.439 | 1.3   | 1.595 |
| STROKE | 65 | 37.20 | 1.44  | 1.301 | 1.597 |
| STROKE | 65 | 37.30 | 1.441 | 1.302 | 1.598 |
| STROKE | 65 | 37.40 | 1.442 | 1.303 | 1.599 |
| STROKE | 65 | 37.50 | 1.443 | 1.304 | 1.6   |
| STROKE | 65 | 37.60 | 1.444 | 1.305 | 1.601 |
| STROKE | 65 | 37.70 | 1.445 | 1.306 | 1.602 |
| STROKE | 65 | 37.80 | 1.446 | 1.307 | 1.603 |
| STROKE | 65 | 37.90 | 1.447 | 1.308 | 1.604 |
| STROKE | 65 | 38.00 | 1.448 | 1.308 | 1.605 |
| STROKE | 65 | 38.10 | 1.449 | 1.309 | 1.606 |
| STROKE | 65 | 38.20 | 1.45  | 1.31  | 1.607 |
| STROKE | 65 | 38.30 | 1.451 | 1.311 | 1.608 |
| STROKE | 65 | 38.40 | 1.452 | 1.312 | 1.609 |
| STROKE | 65 | 38.50 | 1.453 | 1.313 | 1.61  |
| STROKE | 65 | 38.60 | 1.454 | 1.314 | 1.612 |
| STROKE | 65 | 38.70 | 1.455 | 1.315 | 1.613 |
| STROKE | 65 | 38.80 | 1.456 | 1.316 | 1.614 |
| STROKE | 65 | 38.90 | 1.457 | 1.317 | 1.615 |
| STROKE | 65 | 39.00 | 1.458 | 1.318 | 1.616 |
| STROKE | 65 | 39.10 | 1.459 | 1.319 | 1.617 |
| STROKE | 65 | 39.20 | 1.46  | 1.32  | 1.618 |
| STROKE | 65 | 39.30 | 1.461 | 1.321 | 1.619 |
| STROKE | 65 | 39.40 | 1.462 | 1.321 | 1.62  |
| STROKE | 65 | 39.50 | 1.463 | 1.322 | 1.622 |
| STROKE | 65 | 39.60 | 1.464 | 1.323 | 1.623 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 39.70 | 1.465 | 1.324 | 1.624 |
| STROKE | 65 | 39.80 | 1.466 | 1.325 | 1.625 |
| STROKE | 65 | 39.90 | 1.467 | 1.326 | 1.626 |
| STROKE | 65 | 40.00 | 1.468 | 1.327 | 1.627 |
| STROKE | 65 | 40.10 | 1.469 | 1.328 | 1.629 |
| STROKE | 65 | 40.20 | 1.47  | 1.328 | 1.63  |
| STROKE | 65 | 40.30 | 1.471 | 1.329 | 1.631 |
| STROKE | 65 | 40.40 | 1.472 | 1.33  | 1.632 |
| STROKE | 65 | 40.50 | 1.473 | 1.331 | 1.633 |
| STROKE | 65 | 40.60 | 1.474 | 1.332 | 1.634 |
| STROKE | 65 | 40.70 | 1.475 | 1.333 | 1.635 |
| STROKE | 65 | 40.80 | 1.476 | 1.334 | 1.637 |
| STROKE | 65 | 40.90 | 1.477 | 1.335 | 1.638 |
| STROKE | 65 | 41.00 | 1.478 | 1.336 | 1.639 |
| STROKE | 65 | 41.10 | 1.479 | 1.336 | 1.64  |
| STROKE | 65 | 41.20 | 1.48  | 1.337 | 1.641 |
| STROKE | 65 | 41.30 | 1.481 | 1.338 | 1.642 |
| STROKE | 65 | 41.40 | 1.482 | 1.339 | 1.643 |
| STROKE | 65 | 41.50 | 1.483 | 1.339 | 1.645 |
| STROKE | 65 | 41.60 | 1.484 | 1.34  | 1.646 |
| STROKE | 65 | 41.70 | 1.485 | 1.341 | 1.647 |
| STROKE | 65 | 41.80 | 1.486 | 1.342 | 1.648 |
| STROKE | 65 | 41.90 | 1.487 | 1.342 | 1.649 |
| STROKE | 65 | 42.00 | 1.488 | 1.343 | 1.65  |
| STROKE | 65 | 42.10 | 1.489 | 1.344 | 1.651 |
| STROKE | 65 | 42.20 | 1.49  | 1.345 | 1.653 |
| STROKE | 65 | 42.30 | 1.491 | 1.345 | 1.654 |
| STROKE | 65 | 42.40 | 1.492 | 1.346 | 1.655 |
| STROKE | 65 | 42.50 | 1.493 | 1.347 | 1.656 |
| STROKE | 65 | 42.60 | 1.494 | 1.348 | 1.657 |
| STROKE | 65 | 42.70 | 1.495 | 1.348 | 1.658 |
| STROKE | 65 | 42.80 | 1.496 | 1.349 | 1.659 |
| STROKE | 65 | 42.90 | 1.497 | 1.35  | 1.661 |
| STROKE | 65 | 43.00 | 1.498 | 1.351 | 1.662 |
| STROKE | 65 | 43.10 | 1.499 | 1.351 | 1.663 |
| STROKE | 65 | 43.20 | 1.5   | 1.352 | 1.664 |
| STROKE | 65 | 43.30 | 1.501 | 1.353 | 1.666 |
| STROKE | 65 | 43.40 | 1.502 | 1.354 | 1.667 |
| STROKE | 65 | 43.50 | 1.503 | 1.355 | 1.668 |
| STROKE | 65 | 43.60 | 1.504 | 1.356 | 1.67  |
| STROKE | 65 | 43.70 | 1.505 | 1.356 | 1.671 |
| STROKE | 65 | 43.80 | 1.506 | 1.357 | 1.672 |
| STROKE | 65 | 43.90 | 1.507 | 1.358 | 1.674 |
| STROKE | 65 | 44.00 | 1.508 | 1.359 | 1.675 |
| STROKE | 65 | 44.10 | 1.509 | 1.36  | 1.676 |
| STROKE | 65 | 44.20 | 1.509 | 1.36  | 1.678 |
| STROKE | 65 | 44.30 | 1.51  | 1.361 | 1.679 |
| STROKE | 65 | 44.40 | 1.511 | 1.362 | 1.68  |
| STROKE | 65 | 44.50 | 1.512 | 1.363 | 1.681 |
| STROKE | 65 | 44.60 | 1.513 | 1.364 | 1.683 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 44.70 | 1.514 | 1.364 | 1.684 |
| STROKE | 65 | 44.80 | 1.515 | 1.365 | 1.685 |
| STROKE | 65 | 44.90 | 1.516 | 1.366 | 1.686 |
| STROKE | 65 | 45.00 | 1.517 | 1.367 | 1.688 |
| STROKE | 65 | 45.10 | 1.518 | 1.368 | 1.689 |
| STROKE | 65 | 45.20 | 1.519 | 1.369 | 1.689 |
| STROKE | 65 | 45.30 | 1.52  | 1.369 | 1.69  |
| STROKE | 65 | 45.40 | 1.521 | 1.37  | 1.691 |
| STROKE | 65 | 45.50 | 1.522 | 1.371 | 1.692 |
| STROKE | 65 | 45.60 | 1.523 | 1.372 | 1.693 |
| STROKE | 65 | 45.70 | 1.524 | 1.373 | 1.694 |
| STROKE | 65 | 45.80 | 1.525 | 1.374 | 1.695 |
| STROKE | 65 | 45.90 | 1.526 | 1.375 | 1.695 |
| STROKE | 65 | 46.00 | 1.526 | 1.376 | 1.696 |
| STROKE | 65 | 46.10 | 1.527 | 1.376 | 1.697 |
| STROKE | 65 | 46.20 | 1.528 | 1.377 | 1.698 |
| STROKE | 65 | 46.30 | 1.529 | 1.378 | 1.699 |
| STROKE | 65 | 46.40 | 1.53  | 1.379 | 1.7   |
| STROKE | 65 | 46.50 | 1.531 | 1.379 | 1.701 |
| STROKE | 65 | 46.60 | 1.532 | 1.38  | 1.702 |
| STROKE | 65 | 46.70 | 1.533 | 1.381 | 1.704 |
| STROKE | 65 | 46.80 | 1.534 | 1.382 | 1.705 |
| STROKE | 65 | 46.90 | 1.535 | 1.382 | 1.706 |
| STROKE | 65 | 47.00 | 1.536 | 1.383 | 1.707 |
| STROKE | 65 | 47.10 | 1.537 | 1.384 | 1.708 |
| STROKE | 65 | 47.20 | 1.538 | 1.384 | 1.709 |
| STROKE | 65 | 47.30 | 1.538 | 1.385 | 1.71  |
| STROKE | 65 | 47.40 | 1.539 | 1.386 | 1.711 |
| STROKE | 65 | 47.50 | 1.54  | 1.386 | 1.712 |
| STROKE | 65 | 47.60 | 1.541 | 1.387 | 1.713 |
| STROKE | 65 | 47.70 | 1.542 | 1.388 | 1.714 |
| STROKE | 65 | 47.80 | 1.543 | 1.388 | 1.715 |
| STROKE | 65 | 47.90 | 1.544 | 1.389 | 1.716 |
| STROKE | 65 | 48.00 | 1.545 | 1.39  | 1.717 |
| STROKE | 65 | 48.10 | 1.546 | 1.39  | 1.718 |
| STROKE | 65 | 48.20 | 1.547 | 1.391 | 1.719 |
| STROKE | 65 | 48.30 | 1.548 | 1.392 | 1.72  |
| STROKE | 65 | 48.40 | 1.548 | 1.393 | 1.721 |
| STROKE | 65 | 48.50 | 1.549 | 1.394 | 1.722 |
| STROKE | 65 | 48.60 | 1.55  | 1.394 | 1.723 |
| STROKE | 65 | 48.70 | 1.551 | 1.395 | 1.724 |
| STROKE | 65 | 48.80 | 1.552 | 1.396 | 1.725 |
| STROKE | 65 | 48.90 | 1.553 | 1.397 | 1.726 |
| STROKE | 65 | 49.00 | 1.554 | 1.397 | 1.727 |
| STROKE | 65 | 49.10 | 1.555 | 1.398 | 1.728 |
| STROKE | 65 | 49.20 | 1.556 | 1.399 | 1.729 |
| STROKE | 65 | 49.30 | 1.557 | 1.4   | 1.73  |
| STROKE | 65 | 49.40 | 1.557 | 1.4   | 1.731 |
| STROKE | 65 | 49.50 | 1.558 | 1.401 | 1.732 |
| STROKE | 65 | 49.60 | 1.559 | 1.402 | 1.732 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 65 | 49.70 | 1.56  | 1.403 | 1.733 |
| STROKE | 65 | 49.80 | 1.561 | 1.404 | 1.734 |
| STROKE | 65 | 49.90 | 1.562 | 1.404 | 1.735 |
| STROKE | 70 | 0.00  | 1     | 1     | 1     |
| STROKE | 70 | 0.10  | 1     | 1     | 1     |
| STROKE | 70 | 0.20  | 1     | 1     | 1     |
| STROKE | 70 | 0.30  | 1     | 1     | 1     |
| STROKE | 70 | 0.40  | 1     | 1     | 1     |
| STROKE | 70 | 0.50  | 1     | 1     | 1     |
| STROKE | 70 | 0.60  | 1     | 1     | 1     |
| STROKE | 70 | 0.70  | 1     | 1     | 1     |
| STROKE | 70 | 0.80  | 1     | 1     | 1     |
| STROKE | 70 | 0.90  | 1     | 1     | 1     |
| STROKE | 70 | 1.00  | 1     | 1     | 1     |
| STROKE | 70 | 1.10  | 1     | 1     | 1     |
| STROKE | 70 | 1.20  | 1     | 1     | 1     |
| STROKE | 70 | 1.30  | 1     | 1     | 1     |
| STROKE | 70 | 1.40  | 1     | 1     | 1     |
| STROKE | 70 | 1.50  | 1     | 1     | 1     |
| STROKE | 70 | 1.60  | 1     | 1     | 1     |
| STROKE | 70 | 1.70  | 1     | 1     | 1     |
| STROKE | 70 | 1.80  | 1     | 1     | 1     |
| STROKE | 70 | 1.90  | 1     | 1     | 1     |
| STROKE | 70 | 2.00  | 1     | 1     | 1     |
| STROKE | 70 | 2.10  | 1     | 1     | 1     |
| STROKE | 70 | 2.20  | 1     | 1     | 1     |
| STROKE | 70 | 2.30  | 1     | 1     | 1     |
| STROKE | 70 | 2.40  | 1     | 1     | 1     |
| STROKE | 70 | 2.50  | 1     | 1     | 1     |
| STROKE | 70 | 2.60  | 1     | 1     | 1     |
| STROKE | 70 | 2.70  | 1     | 1     | 1     |
| STROKE | 70 | 2.80  | 1     | 1     | 1.001 |
| STROKE | 70 | 2.90  | 1     | 1     | 1.003 |
| STROKE | 70 | 3.00  | 1     | 1     | 1.005 |
| STROKE | 70 | 3.10  | 1.001 | 1     | 1.007 |
| STROKE | 70 | 3.20  | 1.001 | 1     | 1.009 |
| STROKE | 70 | 3.30  | 1.001 | 1     | 1.011 |
| STROKE | 70 | 3.40  | 1.001 | 1     | 1.013 |
| STROKE | 70 | 3.50  | 1.001 | 1     | 1.015 |
| STROKE | 70 | 3.60  | 1.001 | 1     | 1.016 |
| STROKE | 70 | 3.70  | 1.002 | 1     | 1.018 |
| STROKE | 70 | 3.80  | 1.002 | 1     | 1.021 |
| STROKE | 70 | 3.90  | 1.002 | 1     | 1.023 |
| STROKE | 70 | 4.00  | 1.002 | 1     | 1.025 |
| STROKE | 70 | 4.10  | 1.003 | 1     | 1.027 |
| STROKE | 70 | 4.20  | 1.003 | 1     | 1.028 |
| STROKE | 70 | 4.30  | 1.003 | 1     | 1.03  |
| STROKE | 70 | 4.40  | 1.004 | 1     | 1.032 |
| STROKE | 70 | 4.50  | 1.004 | 1     | 1.034 |
| STROKE | 70 | 4.60  | 1.004 | 1     | 1.036 |

|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 70 | 4.70 | 1.005 | 1 | 1.038 |
| STROKE | 70 | 4.80 | 1.005 | 1 | 1.04  |
| STROKE | 70 | 4.90 | 1.005 | 1 | 1.042 |
| STROKE | 70 | 5.00 | 1.006 | 1 | 1.044 |
| STROKE | 70 | 5.10 | 1.006 | 1 | 1.046 |
| STROKE | 70 | 5.20 | 1.007 | 1 | 1.048 |
| STROKE | 70 | 5.30 | 1.007 | 1 | 1.049 |
| STROKE | 70 | 5.40 | 1.008 | 1 | 1.051 |
| STROKE | 70 | 5.50 | 1.008 | 1 | 1.053 |
| STROKE | 70 | 5.60 | 1.009 | 1 | 1.055 |
| STROKE | 70 | 5.70 | 1.01  | 1 | 1.056 |
| STROKE | 70 | 5.80 | 1.01  | 1 | 1.058 |
| STROKE | 70 | 5.90 | 1.011 | 1 | 1.06  |
| STROKE | 70 | 6.00 | 1.012 | 1 | 1.061 |
| STROKE | 70 | 6.10 | 1.012 | 1 | 1.063 |
| STROKE | 70 | 6.20 | 1.013 | 1 | 1.065 |
| STROKE | 70 | 6.30 | 1.014 | 1 | 1.066 |
| STROKE | 70 | 6.40 | 1.014 | 1 | 1.068 |
| STROKE | 70 | 6.50 | 1.015 | 1 | 1.07  |
| STROKE | 70 | 6.60 | 1.016 | 1 | 1.071 |
| STROKE | 70 | 6.70 | 1.017 | 1 | 1.073 |
| STROKE | 70 | 6.80 | 1.018 | 1 | 1.075 |
| STROKE | 70 | 6.90 | 1.018 | 1 | 1.076 |
| STROKE | 70 | 7.00 | 1.019 | 1 | 1.078 |
| STROKE | 70 | 7.10 | 1.02  | 1 | 1.08  |
| STROKE | 70 | 7.20 | 1.021 | 1 | 1.082 |
| STROKE | 70 | 7.30 | 1.022 | 1 | 1.083 |
| STROKE | 70 | 7.40 | 1.023 | 1 | 1.085 |
| STROKE | 70 | 7.50 | 1.024 | 1 | 1.087 |
| STROKE | 70 | 7.60 | 1.025 | 1 | 1.089 |
| STROKE | 70 | 7.70 | 1.026 | 1 | 1.09  |
| STROKE | 70 | 7.80 | 1.027 | 1 | 1.092 |
| STROKE | 70 | 7.90 | 1.028 | 1 | 1.094 |
| STROKE | 70 | 8.00 | 1.029 | 1 | 1.096 |
| STROKE | 70 | 8.10 | 1.03  | 1 | 1.097 |
| STROKE | 70 | 8.20 | 1.031 | 1 | 1.099 |
| STROKE | 70 | 8.30 | 1.032 | 1 | 1.101 |
| STROKE | 70 | 8.40 | 1.033 | 1 | 1.103 |
| STROKE | 70 | 8.50 | 1.034 | 1 | 1.104 |
| STROKE | 70 | 8.60 | 1.035 | 1 | 1.106 |
| STROKE | 70 | 8.70 | 1.036 | 1 | 1.108 |
| STROKE | 70 | 8.80 | 1.037 | 1 | 1.11  |
| STROKE | 70 | 8.90 | 1.038 | 1 | 1.111 |
| STROKE | 70 | 9.00 | 1.039 | 1 | 1.113 |
| STROKE | 70 | 9.10 | 1.04  | 1 | 1.115 |
| STROKE | 70 | 9.20 | 1.041 | 1 | 1.116 |
| STROKE | 70 | 9.30 | 1.042 | 1 | 1.118 |
| STROKE | 70 | 9.40 | 1.043 | 1 | 1.119 |
| STROKE | 70 | 9.50 | 1.045 | 1 | 1.12  |
| STROKE | 70 | 9.60 | 1.046 | 1 | 1.122 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 9.70  | 1.047 | 1     | 1.124 |
| STROKE | 70 | 9.80  | 1.048 | 1     | 1.125 |
| STROKE | 70 | 9.90  | 1.049 | 1     | 1.127 |
| STROKE | 70 | 10.00 | 1.05  | 1     | 1.129 |
| STROKE | 70 | 10.10 | 1.051 | 1     | 1.13  |
| STROKE | 70 | 10.20 | 1.053 | 1     | 1.132 |
| STROKE | 70 | 10.30 | 1.054 | 1.001 | 1.134 |
| STROKE | 70 | 10.40 | 1.055 | 1.001 | 1.135 |
| STROKE | 70 | 10.50 | 1.056 | 1.001 | 1.137 |
| STROKE | 70 | 10.60 | 1.057 | 1.001 | 1.138 |
| STROKE | 70 | 10.70 | 1.058 | 1.001 | 1.14  |
| STROKE | 70 | 10.80 | 1.059 | 1.002 | 1.141 |
| STROKE | 70 | 10.90 | 1.061 | 1.002 | 1.143 |
| STROKE | 70 | 11.00 | 1.062 | 1.002 | 1.145 |
| STROKE | 70 | 11.10 | 1.063 | 1.003 | 1.146 |
| STROKE | 70 | 11.20 | 1.064 | 1.004 | 1.148 |
| STROKE | 70 | 11.30 | 1.065 | 1.005 | 1.149 |
| STROKE | 70 | 11.40 | 1.066 | 1.006 | 1.151 |
| STROKE | 70 | 11.50 | 1.068 | 1.006 | 1.152 |
| STROKE | 70 | 11.60 | 1.069 | 1.007 | 1.154 |
| STROKE | 70 | 11.70 | 1.07  | 1.008 | 1.155 |
| STROKE | 70 | 11.80 | 1.071 | 1.009 | 1.157 |
| STROKE | 70 | 11.90 | 1.072 | 1.01  | 1.158 |
| STROKE | 70 | 12.00 | 1.073 | 1.011 | 1.16  |
| STROKE | 70 | 12.10 | 1.074 | 1.012 | 1.161 |
| STROKE | 70 | 12.20 | 1.076 | 1.012 | 1.163 |
| STROKE | 70 | 12.30 | 1.077 | 1.013 | 1.165 |
| STROKE | 70 | 12.40 | 1.078 | 1.014 | 1.166 |
| STROKE | 70 | 12.50 | 1.079 | 1.015 | 1.168 |
| STROKE | 70 | 12.60 | 1.08  | 1.016 | 1.169 |
| STROKE | 70 | 12.70 | 1.081 | 1.017 | 1.171 |
| STROKE | 70 | 12.80 | 1.082 | 1.018 | 1.172 |
| STROKE | 70 | 12.90 | 1.084 | 1.019 | 1.174 |
| STROKE | 70 | 13.00 | 1.085 | 1.019 | 1.175 |
| STROKE | 70 | 13.10 | 1.086 | 1.02  | 1.177 |
| STROKE | 70 | 13.20 | 1.087 | 1.021 | 1.178 |
| STROKE | 70 | 13.30 | 1.088 | 1.022 | 1.18  |
| STROKE | 70 | 13.40 | 1.089 | 1.023 | 1.182 |
| STROKE | 70 | 13.50 | 1.09  | 1.024 | 1.183 |
| STROKE | 70 | 13.60 | 1.092 | 1.025 | 1.185 |
| STROKE | 70 | 13.70 | 1.093 | 1.026 | 1.186 |
| STROKE | 70 | 13.80 | 1.094 | 1.026 | 1.188 |
| STROKE | 70 | 13.90 | 1.095 | 1.027 | 1.189 |
| STROKE | 70 | 14.00 | 1.096 | 1.028 | 1.191 |
| STROKE | 70 | 14.10 | 1.097 | 1.029 | 1.193 |
| STROKE | 70 | 14.20 | 1.098 | 1.03  | 1.194 |
| STROKE | 70 | 14.30 | 1.1   | 1.031 | 1.196 |
| STROKE | 70 | 14.40 | 1.101 | 1.032 | 1.198 |
| STROKE | 70 | 14.50 | 1.102 | 1.032 | 1.199 |
| STROKE | 70 | 14.60 | 1.103 | 1.033 | 1.201 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 14.70 | 1.104 | 1.034 | 1.202 |
| STROKE | 70 | 14.80 | 1.105 | 1.035 | 1.204 |
| STROKE | 70 | 14.90 | 1.106 | 1.036 | 1.206 |
| STROKE | 70 | 15.00 | 1.107 | 1.037 | 1.207 |
| STROKE | 70 | 15.10 | 1.108 | 1.038 | 1.209 |
| STROKE | 70 | 15.20 | 1.11  | 1.039 | 1.21  |
| STROKE | 70 | 15.30 | 1.111 | 1.039 | 1.212 |
| STROKE | 70 | 15.40 | 1.112 | 1.04  | 1.213 |
| STROKE | 70 | 15.50 | 1.113 | 1.041 | 1.215 |
| STROKE | 70 | 15.60 | 1.114 | 1.042 | 1.216 |
| STROKE | 70 | 15.70 | 1.115 | 1.043 | 1.218 |
| STROKE | 70 | 15.80 | 1.116 | 1.044 | 1.219 |
| STROKE | 70 | 15.90 | 1.117 | 1.045 | 1.221 |
| STROKE | 70 | 16.00 | 1.118 | 1.045 | 1.222 |
| STROKE | 70 | 16.10 | 1.12  | 1.046 | 1.224 |
| STROKE | 70 | 16.20 | 1.121 | 1.047 | 1.225 |
| STROKE | 70 | 16.30 | 1.122 | 1.048 | 1.227 |
| STROKE | 70 | 16.40 | 1.123 | 1.049 | 1.228 |
| STROKE | 70 | 16.50 | 1.124 | 1.05  | 1.23  |
| STROKE | 70 | 16.60 | 1.125 | 1.051 | 1.231 |
| STROKE | 70 | 16.70 | 1.126 | 1.051 | 1.233 |
| STROKE | 70 | 16.80 | 1.127 | 1.052 | 1.234 |
| STROKE | 70 | 16.90 | 1.128 | 1.053 | 1.236 |
| STROKE | 70 | 17.00 | 1.129 | 1.054 | 1.237 |
| STROKE | 70 | 17.10 | 1.13  | 1.055 | 1.239 |
| STROKE | 70 | 17.20 | 1.132 | 1.056 | 1.24  |
| STROKE | 70 | 17.30 | 1.133 | 1.057 | 1.242 |
| STROKE | 70 | 17.40 | 1.134 | 1.057 | 1.243 |
| STROKE | 70 | 17.50 | 1.135 | 1.058 | 1.245 |
| STROKE | 70 | 17.60 | 1.136 | 1.059 | 1.246 |
| STROKE | 70 | 17.70 | 1.137 | 1.06  | 1.247 |
| STROKE | 70 | 17.80 | 1.138 | 1.061 | 1.249 |
| STROKE | 70 | 17.90 | 1.139 | 1.062 | 1.25  |
| STROKE | 70 | 18.00 | 1.14  | 1.062 | 1.252 |
| STROKE | 70 | 18.10 | 1.141 | 1.063 | 1.253 |
| STROKE | 70 | 18.20 | 1.142 | 1.064 | 1.254 |
| STROKE | 70 | 18.30 | 1.143 | 1.065 | 1.256 |
| STROKE | 70 | 18.40 | 1.145 | 1.066 | 1.257 |
| STROKE | 70 | 18.50 | 1.146 | 1.067 | 1.259 |
| STROKE | 70 | 18.60 | 1.147 | 1.068 | 1.26  |
| STROKE | 70 | 18.70 | 1.148 | 1.068 | 1.261 |
| STROKE | 70 | 18.80 | 1.149 | 1.069 | 1.263 |
| STROKE | 70 | 18.90 | 1.15  | 1.07  | 1.264 |
| STROKE | 70 | 19.00 | 1.151 | 1.071 | 1.266 |
| STROKE | 70 | 19.10 | 1.152 | 1.072 | 1.267 |
| STROKE | 70 | 19.20 | 1.153 | 1.073 | 1.268 |
| STROKE | 70 | 19.30 | 1.154 | 1.073 | 1.269 |
| STROKE | 70 | 19.40 | 1.155 | 1.074 | 1.27  |
| STROKE | 70 | 19.50 | 1.156 | 1.075 | 1.271 |
| STROKE | 70 | 19.60 | 1.157 | 1.076 | 1.273 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 19.70 | 1.158 | 1.077 | 1.274 |
| STROKE | 70 | 19.80 | 1.159 | 1.077 | 1.275 |
| STROKE | 70 | 19.90 | 1.16  | 1.078 | 1.276 |
| STROKE | 70 | 20.00 | 1.162 | 1.079 | 1.277 |
| STROKE | 70 | 20.10 | 1.163 | 1.08  | 1.279 |
| STROKE | 70 | 20.20 | 1.164 | 1.081 | 1.28  |
| STROKE | 70 | 20.30 | 1.165 | 1.082 | 1.281 |
| STROKE | 70 | 20.40 | 1.166 | 1.082 | 1.282 |
| STROKE | 70 | 20.50 | 1.167 | 1.083 | 1.284 |
| STROKE | 70 | 20.60 | 1.168 | 1.084 | 1.285 |
| STROKE | 70 | 20.70 | 1.169 | 1.085 | 1.286 |
| STROKE | 70 | 20.80 | 1.17  | 1.086 | 1.288 |
| STROKE | 70 | 20.90 | 1.171 | 1.087 | 1.289 |
| STROKE | 70 | 21.00 | 1.172 | 1.088 | 1.29  |
| STROKE | 70 | 21.10 | 1.173 | 1.088 | 1.292 |
| STROKE | 70 | 21.20 | 1.174 | 1.089 | 1.293 |
| STROKE | 70 | 21.30 | 1.175 | 1.09  | 1.295 |
| STROKE | 70 | 21.40 | 1.176 | 1.091 | 1.296 |
| STROKE | 70 | 21.50 | 1.177 | 1.092 | 1.298 |
| STROKE | 70 | 21.60 | 1.178 | 1.093 | 1.299 |
| STROKE | 70 | 21.70 | 1.179 | 1.094 | 1.301 |
| STROKE | 70 | 21.80 | 1.18  | 1.094 | 1.302 |
| STROKE | 70 | 21.90 | 1.181 | 1.095 | 1.304 |
| STROKE | 70 | 22.00 | 1.182 | 1.096 | 1.305 |
| STROKE | 70 | 22.10 | 1.183 | 1.097 | 1.306 |
| STROKE | 70 | 22.20 | 1.184 | 1.098 | 1.307 |
| STROKE | 70 | 22.30 | 1.185 | 1.099 | 1.309 |
| STROKE | 70 | 22.40 | 1.186 | 1.099 | 1.31  |
| STROKE | 70 | 22.50 | 1.187 | 1.1   | 1.311 |
| STROKE | 70 | 22.60 | 1.188 | 1.101 | 1.312 |
| STROKE | 70 | 22.70 | 1.189 | 1.102 | 1.313 |
| STROKE | 70 | 22.80 | 1.19  | 1.103 | 1.314 |
| STROKE | 70 | 22.90 | 1.192 | 1.104 | 1.315 |
| STROKE | 70 | 23.00 | 1.193 | 1.104 | 1.317 |
| STROKE | 70 | 23.10 | 1.194 | 1.105 | 1.318 |
| STROKE | 70 | 23.20 | 1.195 | 1.106 | 1.319 |
| STROKE | 70 | 23.30 | 1.196 | 1.107 | 1.321 |
| STROKE | 70 | 23.40 | 1.197 | 1.108 | 1.322 |
| STROKE | 70 | 23.50 | 1.198 | 1.109 | 1.324 |
| STROKE | 70 | 23.60 | 1.199 | 1.109 | 1.325 |
| STROKE | 70 | 23.70 | 1.2   | 1.11  | 1.327 |
| STROKE | 70 | 23.80 | 1.201 | 1.111 | 1.328 |
| STROKE | 70 | 23.90 | 1.202 | 1.112 | 1.33  |
| STROKE | 70 | 24.00 | 1.203 | 1.113 | 1.331 |
| STROKE | 70 | 24.10 | 1.204 | 1.114 | 1.332 |
| STROKE | 70 | 24.20 | 1.205 | 1.114 | 1.334 |
| STROKE | 70 | 24.30 | 1.206 | 1.115 | 1.335 |
| STROKE | 70 | 24.40 | 1.207 | 1.116 | 1.336 |
| STROKE | 70 | 24.50 | 1.208 | 1.117 | 1.337 |
| STROKE | 70 | 24.60 | 1.209 | 1.118 | 1.339 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 24.70 | 1.21  | 1.118 | 1.34  |
| STROKE | 70 | 24.80 | 1.211 | 1.119 | 1.341 |
| STROKE | 70 | 24.90 | 1.212 | 1.12  | 1.342 |
| STROKE | 70 | 25.00 | 1.213 | 1.121 | 1.344 |
| STROKE | 70 | 25.10 | 1.214 | 1.122 | 1.345 |
| STROKE | 70 | 25.20 | 1.215 | 1.123 | 1.346 |
| STROKE | 70 | 25.30 | 1.216 | 1.123 | 1.347 |
| STROKE | 70 | 25.40 | 1.217 | 1.124 | 1.348 |
| STROKE | 70 | 25.50 | 1.218 | 1.125 | 1.349 |
| STROKE | 70 | 25.60 | 1.219 | 1.126 | 1.35  |
| STROKE | 70 | 25.70 | 1.22  | 1.127 | 1.351 |
| STROKE | 70 | 25.80 | 1.221 | 1.128 | 1.352 |
| STROKE | 70 | 25.90 | 1.222 | 1.128 | 1.353 |
| STROKE | 70 | 26.00 | 1.223 | 1.129 | 1.355 |
| STROKE | 70 | 26.10 | 1.224 | 1.13  | 1.356 |
| STROKE | 70 | 26.20 | 1.224 | 1.131 | 1.357 |
| STROKE | 70 | 26.30 | 1.225 | 1.132 | 1.358 |
| STROKE | 70 | 26.40 | 1.226 | 1.132 | 1.359 |
| STROKE | 70 | 26.50 | 1.227 | 1.133 | 1.36  |
| STROKE | 70 | 26.60 | 1.228 | 1.134 | 1.361 |
| STROKE | 70 | 26.70 | 1.229 | 1.135 | 1.362 |
| STROKE | 70 | 26.80 | 1.23  | 1.136 | 1.363 |
| STROKE | 70 | 26.90 | 1.231 | 1.136 | 1.364 |
| STROKE | 70 | 27.00 | 1.232 | 1.137 | 1.365 |
| STROKE | 70 | 27.10 | 1.233 | 1.138 | 1.366 |
| STROKE | 70 | 27.20 | 1.234 | 1.139 | 1.368 |
| STROKE | 70 | 27.30 | 1.235 | 1.14  | 1.369 |
| STROKE | 70 | 27.40 | 1.236 | 1.141 | 1.37  |
| STROKE | 70 | 27.50 | 1.237 | 1.141 | 1.371 |
| STROKE | 70 | 27.60 | 1.238 | 1.142 | 1.372 |
| STROKE | 70 | 27.70 | 1.239 | 1.143 | 1.374 |
| STROKE | 70 | 27.80 | 1.24  | 1.144 | 1.375 |
| STROKE | 70 | 27.90 | 1.241 | 1.145 | 1.376 |
| STROKE | 70 | 28.00 | 1.242 | 1.146 | 1.377 |
| STROKE | 70 | 28.10 | 1.243 | 1.146 | 1.378 |
| STROKE | 70 | 28.20 | 1.244 | 1.147 | 1.38  |
| STROKE | 70 | 28.30 | 1.245 | 1.148 | 1.381 |
| STROKE | 70 | 28.40 | 1.246 | 1.149 | 1.382 |
| STROKE | 70 | 28.50 | 1.247 | 1.15  | 1.384 |
| STROKE | 70 | 28.60 | 1.248 | 1.151 | 1.385 |
| STROKE | 70 | 28.70 | 1.249 | 1.151 | 1.386 |
| STROKE | 70 | 28.80 | 1.25  | 1.152 | 1.388 |
| STROKE | 70 | 28.90 | 1.251 | 1.153 | 1.389 |
| STROKE | 70 | 29.00 | 1.252 | 1.154 | 1.39  |
| STROKE | 70 | 29.10 | 1.253 | 1.155 | 1.391 |
| STROKE | 70 | 29.20 | 1.253 | 1.155 | 1.393 |
| STROKE | 70 | 29.30 | 1.254 | 1.156 | 1.394 |
| STROKE | 70 | 29.40 | 1.255 | 1.157 | 1.395 |
| STROKE | 70 | 29.50 | 1.256 | 1.158 | 1.396 |
| STROKE | 70 | 29.60 | 1.257 | 1.158 | 1.398 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 29.70 | 1.258 | 1.159 | 1.399 |
| STROKE | 70 | 29.80 | 1.259 | 1.16  | 1.4   |
| STROKE | 70 | 29.90 | 1.26  | 1.161 | 1.401 |
| STROKE | 70 | 30.00 | 1.261 | 1.162 | 1.403 |
| STROKE | 70 | 30.10 | 1.262 | 1.162 | 1.404 |
| STROKE | 70 | 30.20 | 1.263 | 1.163 | 1.405 |
| STROKE | 70 | 30.30 | 1.264 | 1.164 | 1.406 |
| STROKE | 70 | 30.40 | 1.265 | 1.164 | 1.407 |
| STROKE | 70 | 30.50 | 1.266 | 1.165 | 1.408 |
| STROKE | 70 | 30.60 | 1.267 | 1.166 | 1.408 |
| STROKE | 70 | 30.70 | 1.268 | 1.167 | 1.409 |
| STROKE | 70 | 30.80 | 1.269 | 1.167 | 1.41  |
| STROKE | 70 | 30.90 | 1.269 | 1.168 | 1.411 |
| STROKE | 70 | 31.00 | 1.27  | 1.169 | 1.412 |
| STROKE | 70 | 31.10 | 1.271 | 1.17  | 1.413 |
| STROKE | 70 | 31.20 | 1.272 | 1.17  | 1.414 |
| STROKE | 70 | 31.30 | 1.273 | 1.171 | 1.415 |
| STROKE | 70 | 31.40 | 1.274 | 1.172 | 1.416 |
| STROKE | 70 | 31.50 | 1.275 | 1.173 | 1.417 |
| STROKE | 70 | 31.60 | 1.276 | 1.173 | 1.418 |
| STROKE | 70 | 31.70 | 1.277 | 1.174 | 1.419 |
| STROKE | 70 | 31.80 | 1.278 | 1.175 | 1.42  |
| STROKE | 70 | 31.90 | 1.279 | 1.176 | 1.421 |
| STROKE | 70 | 32.00 | 1.28  | 1.176 | 1.422 |
| STROKE | 70 | 32.10 | 1.281 | 1.177 | 1.423 |
| STROKE | 70 | 32.20 | 1.282 | 1.178 | 1.424 |
| STROKE | 70 | 32.30 | 1.282 | 1.179 | 1.426 |
| STROKE | 70 | 32.40 | 1.283 | 1.18  | 1.427 |
| STROKE | 70 | 32.50 | 1.284 | 1.18  | 1.428 |
| STROKE | 70 | 32.60 | 1.285 | 1.181 | 1.429 |
| STROKE | 70 | 32.70 | 1.286 | 1.182 | 1.43  |
| STROKE | 70 | 32.80 | 1.287 | 1.183 | 1.431 |
| STROKE | 70 | 32.90 | 1.288 | 1.183 | 1.432 |
| STROKE | 70 | 33.00 | 1.289 | 1.184 | 1.433 |
| STROKE | 70 | 33.10 | 1.29  | 1.185 | 1.434 |
| STROKE | 70 | 33.20 | 1.291 | 1.186 | 1.436 |
| STROKE | 70 | 33.30 | 1.292 | 1.186 | 1.437 |
| STROKE | 70 | 33.40 | 1.292 | 1.187 | 1.438 |
| STROKE | 70 | 33.50 | 1.293 | 1.188 | 1.439 |
| STROKE | 70 | 33.60 | 1.294 | 1.189 | 1.44  |
| STROKE | 70 | 33.70 | 1.295 | 1.189 | 1.441 |
| STROKE | 70 | 33.80 | 1.296 | 1.19  | 1.443 |
| STROKE | 70 | 33.90 | 1.297 | 1.191 | 1.444 |
| STROKE | 70 | 34.00 | 1.298 | 1.192 | 1.445 |
| STROKE | 70 | 34.10 | 1.299 | 1.192 | 1.446 |
| STROKE | 70 | 34.20 | 1.3   | 1.193 | 1.447 |
| STROKE | 70 | 34.30 | 1.301 | 1.194 | 1.447 |
| STROKE | 70 | 34.40 | 1.302 | 1.195 | 1.448 |
| STROKE | 70 | 34.50 | 1.302 | 1.195 | 1.449 |
| STROKE | 70 | 34.60 | 1.303 | 1.196 | 1.45  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 34.70 | 1.304 | 1.197 | 1.451 |
| STROKE | 70 | 34.80 | 1.305 | 1.198 | 1.452 |
| STROKE | 70 | 34.90 | 1.306 | 1.198 | 1.453 |
| STROKE | 70 | 35.00 | 1.307 | 1.199 | 1.453 |
| STROKE | 70 | 35.10 | 1.308 | 1.2   | 1.455 |
| STROKE | 70 | 35.20 | 1.309 | 1.201 | 1.456 |
| STROKE | 70 | 35.30 | 1.31  | 1.201 | 1.457 |
| STROKE | 70 | 35.40 | 1.31  | 1.202 | 1.458 |
| STROKE | 70 | 35.50 | 1.311 | 1.203 | 1.459 |
| STROKE | 70 | 35.60 | 1.312 | 1.204 | 1.46  |
| STROKE | 70 | 35.70 | 1.313 | 1.204 | 1.462 |
| STROKE | 70 | 35.80 | 1.314 | 1.205 | 1.463 |
| STROKE | 70 | 35.90 | 1.315 | 1.206 | 1.464 |
| STROKE | 70 | 36.00 | 1.316 | 1.207 | 1.465 |
| STROKE | 70 | 36.10 | 1.317 | 1.207 | 1.466 |
| STROKE | 70 | 36.20 | 1.318 | 1.208 | 1.467 |
| STROKE | 70 | 36.30 | 1.318 | 1.209 | 1.468 |
| STROKE | 70 | 36.40 | 1.319 | 1.21  | 1.468 |
| STROKE | 70 | 36.50 | 1.32  | 1.21  | 1.469 |
| STROKE | 70 | 36.60 | 1.321 | 1.211 | 1.47  |
| STROKE | 70 | 36.70 | 1.322 | 1.212 | 1.471 |
| STROKE | 70 | 36.80 | 1.323 | 1.213 | 1.472 |
| STROKE | 70 | 36.90 | 1.324 | 1.213 | 1.473 |
| STROKE | 70 | 37.00 | 1.325 | 1.214 | 1.474 |
| STROKE | 70 | 37.10 | 1.325 | 1.215 | 1.474 |
| STROKE | 70 | 37.20 | 1.326 | 1.215 | 1.475 |
| STROKE | 70 | 37.30 | 1.327 | 1.216 | 1.476 |
| STROKE | 70 | 37.40 | 1.328 | 1.217 | 1.477 |
| STROKE | 70 | 37.50 | 1.329 | 1.218 | 1.478 |
| STROKE | 70 | 37.60 | 1.33  | 1.218 | 1.479 |
| STROKE | 70 | 37.70 | 1.331 | 1.219 | 1.48  |
| STROKE | 70 | 37.80 | 1.331 | 1.22  | 1.481 |
| STROKE | 70 | 37.90 | 1.332 | 1.221 | 1.481 |
| STROKE | 70 | 38.00 | 1.333 | 1.221 | 1.482 |
| STROKE | 70 | 38.10 | 1.334 | 1.222 | 1.483 |
| STROKE | 70 | 38.20 | 1.335 | 1.223 | 1.484 |
| STROKE | 70 | 38.30 | 1.336 | 1.223 | 1.485 |
| STROKE | 70 | 38.40 | 1.337 | 1.224 | 1.486 |
| STROKE | 70 | 38.50 | 1.337 | 1.225 | 1.487 |
| STROKE | 70 | 38.60 | 1.338 | 1.226 | 1.487 |
| STROKE | 70 | 38.70 | 1.339 | 1.226 | 1.488 |
| STROKE | 70 | 38.80 | 1.34  | 1.227 | 1.489 |
| STROKE | 70 | 38.90 | 1.341 | 1.228 | 1.49  |
| STROKE | 70 | 39.00 | 1.342 | 1.229 | 1.491 |
| STROKE | 70 | 39.10 | 1.343 | 1.229 | 1.492 |
| STROKE | 70 | 39.20 | 1.343 | 1.23  | 1.492 |
| STROKE | 70 | 39.30 | 1.344 | 1.231 | 1.493 |
| STROKE | 70 | 39.40 | 1.345 | 1.231 | 1.494 |
| STROKE | 70 | 39.50 | 1.346 | 1.232 | 1.495 |
| STROKE | 70 | 39.60 | 1.347 | 1.233 | 1.496 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 39.70 | 1.348 | 1.234 | 1.497 |
| STROKE | 70 | 39.80 | 1.349 | 1.234 | 1.498 |
| STROKE | 70 | 39.90 | 1.349 | 1.235 | 1.499 |
| STROKE | 70 | 40.00 | 1.35  | 1.236 | 1.5   |
| STROKE | 70 | 40.10 | 1.351 | 1.236 | 1.5   |
| STROKE | 70 | 40.20 | 1.352 | 1.237 | 1.501 |
| STROKE | 70 | 40.30 | 1.353 | 1.238 | 1.502 |
| STROKE | 70 | 40.40 | 1.354 | 1.238 | 1.503 |
| STROKE | 70 | 40.50 | 1.354 | 1.239 | 1.504 |
| STROKE | 70 | 40.60 | 1.355 | 1.24  | 1.505 |
| STROKE | 70 | 40.70 | 1.356 | 1.24  | 1.506 |
| STROKE | 70 | 40.80 | 1.357 | 1.241 | 1.507 |
| STROKE | 70 | 40.90 | 1.358 | 1.242 | 1.508 |
| STROKE | 70 | 41.00 | 1.359 | 1.243 | 1.509 |
| STROKE | 70 | 41.10 | 1.359 | 1.243 | 1.509 |
| STROKE | 70 | 41.20 | 1.36  | 1.244 | 1.51  |
| STROKE | 70 | 41.30 | 1.361 | 1.245 | 1.511 |
| STROKE | 70 | 41.40 | 1.362 | 1.245 | 1.512 |
| STROKE | 70 | 41.50 | 1.363 | 1.246 | 1.513 |
| STROKE | 70 | 41.60 | 1.364 | 1.247 | 1.514 |
| STROKE | 70 | 41.70 | 1.364 | 1.247 | 1.515 |
| STROKE | 70 | 41.80 | 1.365 | 1.248 | 1.516 |
| STROKE | 70 | 41.90 | 1.366 | 1.249 | 1.517 |
| STROKE | 70 | 42.00 | 1.367 | 1.249 | 1.518 |
| STROKE | 70 | 42.10 | 1.368 | 1.25  | 1.519 |
| STROKE | 70 | 42.20 | 1.369 | 1.251 | 1.52  |
| STROKE | 70 | 42.30 | 1.369 | 1.251 | 1.521 |
| STROKE | 70 | 42.40 | 1.37  | 1.252 | 1.522 |
| STROKE | 70 | 42.50 | 1.371 | 1.253 | 1.523 |
| STROKE | 70 | 42.60 | 1.372 | 1.253 | 1.524 |
| STROKE | 70 | 42.70 | 1.373 | 1.254 | 1.525 |
| STROKE | 70 | 42.80 | 1.373 | 1.255 | 1.526 |
| STROKE | 70 | 42.90 | 1.374 | 1.255 | 1.527 |
| STROKE | 70 | 43.00 | 1.375 | 1.256 | 1.528 |
| STROKE | 70 | 43.10 | 1.376 | 1.257 | 1.529 |
| STROKE | 70 | 43.20 | 1.377 | 1.257 | 1.529 |
| STROKE | 70 | 43.30 | 1.378 | 1.258 | 1.53  |
| STROKE | 70 | 43.40 | 1.378 | 1.258 | 1.531 |
| STROKE | 70 | 43.50 | 1.379 | 1.259 | 1.532 |
| STROKE | 70 | 43.60 | 1.38  | 1.259 | 1.533 |
| STROKE | 70 | 43.70 | 1.381 | 1.26  | 1.534 |
| STROKE | 70 | 43.80 | 1.382 | 1.26  | 1.534 |
| STROKE | 70 | 43.90 | 1.382 | 1.261 | 1.535 |
| STROKE | 70 | 44.00 | 1.383 | 1.261 | 1.536 |
| STROKE | 70 | 44.10 | 1.384 | 1.262 | 1.537 |
| STROKE | 70 | 44.20 | 1.385 | 1.262 | 1.538 |
| STROKE | 70 | 44.30 | 1.386 | 1.263 | 1.539 |
| STROKE | 70 | 44.40 | 1.386 | 1.264 | 1.54  |
| STROKE | 70 | 44.50 | 1.387 | 1.264 | 1.54  |
| STROKE | 70 | 44.60 | 1.388 | 1.265 | 1.541 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 44.70 | 1.389 | 1.265 | 1.542 |
| STROKE | 70 | 44.80 | 1.39  | 1.266 | 1.543 |
| STROKE | 70 | 44.90 | 1.39  | 1.267 | 1.544 |
| STROKE | 70 | 45.00 | 1.391 | 1.267 | 1.545 |
| STROKE | 70 | 45.10 | 1.392 | 1.268 | 1.546 |
| STROKE | 70 | 45.20 | 1.393 | 1.269 | 1.546 |
| STROKE | 70 | 45.30 | 1.393 | 1.269 | 1.547 |
| STROKE | 70 | 45.40 | 1.394 | 1.27  | 1.548 |
| STROKE | 70 | 45.50 | 1.395 | 1.271 | 1.549 |
| STROKE | 70 | 45.60 | 1.396 | 1.272 | 1.55  |
| STROKE | 70 | 45.70 | 1.397 | 1.272 | 1.551 |
| STROKE | 70 | 45.80 | 1.397 | 1.273 | 1.552 |
| STROKE | 70 | 45.90 | 1.398 | 1.274 | 1.553 |
| STROKE | 70 | 46.00 | 1.399 | 1.275 | 1.554 |
| STROKE | 70 | 46.10 | 1.4   | 1.275 | 1.554 |
| STROKE | 70 | 46.20 | 1.401 | 1.276 | 1.555 |
| STROKE | 70 | 46.30 | 1.401 | 1.276 | 1.556 |
| STROKE | 70 | 46.40 | 1.402 | 1.277 | 1.557 |
| STROKE | 70 | 46.50 | 1.403 | 1.278 | 1.558 |
| STROKE | 70 | 46.60 | 1.404 | 1.278 | 1.558 |
| STROKE | 70 | 46.70 | 1.404 | 1.279 | 1.559 |
| STROKE | 70 | 46.80 | 1.405 | 1.28  | 1.56  |
| STROKE | 70 | 46.90 | 1.406 | 1.28  | 1.561 |
| STROKE | 70 | 47.00 | 1.407 | 1.281 | 1.562 |
| STROKE | 70 | 47.10 | 1.408 | 1.281 | 1.562 |
| STROKE | 70 | 47.20 | 1.408 | 1.282 | 1.563 |
| STROKE | 70 | 47.30 | 1.409 | 1.282 | 1.564 |
| STROKE | 70 | 47.40 | 1.41  | 1.283 | 1.565 |
| STROKE | 70 | 47.50 | 1.411 | 1.283 | 1.566 |
| STROKE | 70 | 47.60 | 1.411 | 1.284 | 1.566 |
| STROKE | 70 | 47.70 | 1.412 | 1.284 | 1.567 |
| STROKE | 70 | 47.80 | 1.413 | 1.285 | 1.568 |
| STROKE | 70 | 47.90 | 1.414 | 1.285 | 1.569 |
| STROKE | 70 | 48.00 | 1.414 | 1.286 | 1.57  |
| STROKE | 70 | 48.10 | 1.415 | 1.286 | 1.57  |
| STROKE | 70 | 48.20 | 1.416 | 1.287 | 1.571 |
| STROKE | 70 | 48.30 | 1.417 | 1.287 | 1.572 |
| STROKE | 70 | 48.40 | 1.417 | 1.287 | 1.573 |
| STROKE | 70 | 48.50 | 1.418 | 1.288 | 1.574 |
| STROKE | 70 | 48.60 | 1.419 | 1.288 | 1.575 |
| STROKE | 70 | 48.70 | 1.42  | 1.289 | 1.576 |
| STROKE | 70 | 48.80 | 1.42  | 1.289 | 1.576 |
| STROKE | 70 | 48.90 | 1.421 | 1.29  | 1.577 |
| STROKE | 70 | 49.00 | 1.422 | 1.29  | 1.578 |
| STROKE | 70 | 49.10 | 1.423 | 1.291 | 1.579 |
| STROKE | 70 | 49.20 | 1.423 | 1.291 | 1.58  |
| STROKE | 70 | 49.30 | 1.424 | 1.292 | 1.581 |
| STROKE | 70 | 49.40 | 1.425 | 1.292 | 1.581 |
| STROKE | 70 | 49.50 | 1.426 | 1.293 | 1.582 |
| STROKE | 70 | 49.60 | 1.426 | 1.293 | 1.583 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 70 | 49.70 | 1.427 | 1.294 | 1.584 |
| STROKE | 70 | 49.80 | 1.428 | 1.294 | 1.584 |
| STROKE | 70 | 49.90 | 1.429 | 1.294 | 1.585 |
| STROKE | 75 | 0.00  | 1     | 1     | 1     |
| STROKE | 75 | 0.10  | 1     | 1     | 1     |
| STROKE | 75 | 0.20  | 1     | 1     | 1     |
| STROKE | 75 | 0.30  | 1     | 1     | 1     |
| STROKE | 75 | 0.40  | 1     | 1     | 1     |
| STROKE | 75 | 0.50  | 1     | 1     | 1     |
| STROKE | 75 | 0.60  | 1     | 1     | 1     |
| STROKE | 75 | 0.70  | 1     | 1     | 1     |
| STROKE | 75 | 0.80  | 1     | 1     | 1     |
| STROKE | 75 | 0.90  | 1     | 1     | 1     |
| STROKE | 75 | 1.00  | 1     | 1     | 1     |
| STROKE | 75 | 1.10  | 1     | 1     | 1     |
| STROKE | 75 | 1.20  | 1     | 1     | 1     |
| STROKE | 75 | 1.30  | 1     | 1     | 1     |
| STROKE | 75 | 1.40  | 1     | 1     | 1     |
| STROKE | 75 | 1.50  | 1     | 1     | 1     |
| STROKE | 75 | 1.60  | 1     | 1     | 1     |
| STROKE | 75 | 1.70  | 1     | 1     | 1     |
| STROKE | 75 | 1.80  | 1     | 1     | 1     |
| STROKE | 75 | 1.90  | 1     | 1     | 1     |
| STROKE | 75 | 2.00  | 1     | 1     | 1     |
| STROKE | 75 | 2.10  | 1     | 1     | 1     |
| STROKE | 75 | 2.20  | 1     | 1     | 1     |
| STROKE | 75 | 2.30  | 1     | 1     | 1.001 |
| STROKE | 75 | 2.40  | 1     | 1     | 1.003 |
| STROKE | 75 | 2.50  | 1     | 1     | 1.005 |
| STROKE | 75 | 2.60  | 1     | 1     | 1.007 |
| STROKE | 75 | 2.70  | 1.001 | 1     | 1.009 |
| STROKE | 75 | 2.80  | 1.001 | 1     | 1.011 |
| STROKE | 75 | 2.90  | 1.001 | 1     | 1.013 |
| STROKE | 75 | 3.00  | 1.001 | 1     | 1.015 |
| STROKE | 75 | 3.10  | 1.001 | 1     | 1.017 |
| STROKE | 75 | 3.20  | 1.001 | 1     | 1.019 |
| STROKE | 75 | 3.30  | 1.002 | 1     | 1.021 |
| STROKE | 75 | 3.40  | 1.002 | 1     | 1.023 |
| STROKE | 75 | 3.50  | 1.002 | 1     | 1.025 |
| STROKE | 75 | 3.60  | 1.002 | 1     | 1.027 |
| STROKE | 75 | 3.70  | 1.003 | 1     | 1.028 |
| STROKE | 75 | 3.80  | 1.003 | 1     | 1.03  |
| STROKE | 75 | 3.90  | 1.003 | 1     | 1.032 |
| STROKE | 75 | 4.00  | 1.003 | 1     | 1.034 |
| STROKE | 75 | 4.10  | 1.004 | 1     | 1.035 |
| STROKE | 75 | 4.20  | 1.004 | 1     | 1.037 |
| STROKE | 75 | 4.30  | 1.005 | 1     | 1.039 |
| STROKE | 75 | 4.40  | 1.005 | 1     | 1.04  |
| STROKE | 75 | 4.50  | 1.006 | 1     | 1.042 |
| STROKE | 75 | 4.60  | 1.006 | 1     | 1.044 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 75 | 4.70 | 1.007 | 1     | 1.046 |
| STROKE | 75 | 4.80 | 1.007 | 1     | 1.047 |
| STROKE | 75 | 4.90 | 1.008 | 1     | 1.049 |
| STROKE | 75 | 5.00 | 1.008 | 1     | 1.05  |
| STROKE | 75 | 5.10 | 1.009 | 1     | 1.052 |
| STROKE | 75 | 5.20 | 1.01  | 1     | 1.054 |
| STROKE | 75 | 5.30 | 1.01  | 1     | 1.055 |
| STROKE | 75 | 5.40 | 1.011 | 1     | 1.057 |
| STROKE | 75 | 5.50 | 1.012 | 1     | 1.059 |
| STROKE | 75 | 5.60 | 1.012 | 1     | 1.06  |
| STROKE | 75 | 5.70 | 1.013 | 1     | 1.062 |
| STROKE | 75 | 5.80 | 1.014 | 1     | 1.063 |
| STROKE | 75 | 5.90 | 1.015 | 1     | 1.065 |
| STROKE | 75 | 6.00 | 1.015 | 1     | 1.067 |
| STROKE | 75 | 6.10 | 1.016 | 1     | 1.069 |
| STROKE | 75 | 6.20 | 1.017 | 1     | 1.07  |
| STROKE | 75 | 6.30 | 1.018 | 1     | 1.072 |
| STROKE | 75 | 6.40 | 1.019 | 1     | 1.074 |
| STROKE | 75 | 6.50 | 1.02  | 1     | 1.075 |
| STROKE | 75 | 6.60 | 1.02  | 1     | 1.077 |
| STROKE | 75 | 6.70 | 1.021 | 1     | 1.079 |
| STROKE | 75 | 6.80 | 1.022 | 1     | 1.08  |
| STROKE | 75 | 6.90 | 1.023 | 1     | 1.082 |
| STROKE | 75 | 7.00 | 1.024 | 1     | 1.083 |
| STROKE | 75 | 7.10 | 1.025 | 1     | 1.085 |
| STROKE | 75 | 7.20 | 1.026 | 1     | 1.086 |
| STROKE | 75 | 7.30 | 1.027 | 1     | 1.088 |
| STROKE | 75 | 7.40 | 1.028 | 1     | 1.089 |
| STROKE | 75 | 7.50 | 1.029 | 1     | 1.091 |
| STROKE | 75 | 7.60 | 1.03  | 1     | 1.093 |
| STROKE | 75 | 7.70 | 1.031 | 1     | 1.094 |
| STROKE | 75 | 7.80 | 1.032 | 1     | 1.096 |
| STROKE | 75 | 7.90 | 1.033 | 1     | 1.097 |
| STROKE | 75 | 8.00 | 1.034 | 1     | 1.099 |
| STROKE | 75 | 8.10 | 1.035 | 1     | 1.1   |
| STROKE | 75 | 8.20 | 1.036 | 1     | 1.102 |
| STROKE | 75 | 8.30 | 1.037 | 1     | 1.103 |
| STROKE | 75 | 8.40 | 1.038 | 1     | 1.105 |
| STROKE | 75 | 8.50 | 1.039 | 1     | 1.106 |
| STROKE | 75 | 8.60 | 1.04  | 1     | 1.108 |
| STROKE | 75 | 8.70 | 1.041 | 1     | 1.109 |
| STROKE | 75 | 8.80 | 1.042 | 1     | 1.111 |
| STROKE | 75 | 8.90 | 1.043 | 1     | 1.112 |
| STROKE | 75 | 9.00 | 1.044 | 1     | 1.114 |
| STROKE | 75 | 9.10 | 1.045 | 1     | 1.115 |
| STROKE | 75 | 9.20 | 1.046 | 1     | 1.117 |
| STROKE | 75 | 9.30 | 1.047 | 1     | 1.118 |
| STROKE | 75 | 9.40 | 1.048 | 1     | 1.119 |
| STROKE | 75 | 9.50 | 1.049 | 1     | 1.121 |
| STROKE | 75 | 9.60 | 1.05  | 1.001 | 1.122 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 9.70  | 1.051 | 1.002 | 1.124 |
| STROKE | 75 | 9.80  | 1.052 | 1.003 | 1.125 |
| STROKE | 75 | 9.90  | 1.053 | 1.003 | 1.127 |
| STROKE | 75 | 10.00 | 1.054 | 1.004 | 1.128 |
| STROKE | 75 | 10.10 | 1.055 | 1.005 | 1.129 |
| STROKE | 75 | 10.20 | 1.056 | 1.006 | 1.131 |
| STROKE | 75 | 10.30 | 1.057 | 1.006 | 1.132 |
| STROKE | 75 | 10.40 | 1.058 | 1.007 | 1.133 |
| STROKE | 75 | 10.50 | 1.059 | 1.008 | 1.135 |
| STROKE | 75 | 10.60 | 1.06  | 1.009 | 1.136 |
| STROKE | 75 | 10.70 | 1.061 | 1.009 | 1.137 |
| STROKE | 75 | 10.80 | 1.062 | 1.01  | 1.139 |
| STROKE | 75 | 10.90 | 1.063 | 1.011 | 1.14  |
| STROKE | 75 | 11.00 | 1.064 | 1.012 | 1.142 |
| STROKE | 75 | 11.10 | 1.065 | 1.013 | 1.143 |
| STROKE | 75 | 11.20 | 1.066 | 1.013 | 1.144 |
| STROKE | 75 | 11.30 | 1.067 | 1.014 | 1.146 |
| STROKE | 75 | 11.40 | 1.068 | 1.015 | 1.147 |
| STROKE | 75 | 11.50 | 1.069 | 1.016 | 1.149 |
| STROKE | 75 | 11.60 | 1.07  | 1.017 | 1.15  |
| STROKE | 75 | 11.70 | 1.071 | 1.017 | 1.151 |
| STROKE | 75 | 11.80 | 1.072 | 1.018 | 1.153 |
| STROKE | 75 | 11.90 | 1.073 | 1.019 | 1.154 |
| STROKE | 75 | 12.00 | 1.074 | 1.02  | 1.156 |
| STROKE | 75 | 12.10 | 1.075 | 1.02  | 1.157 |
| STROKE | 75 | 12.20 | 1.076 | 1.021 | 1.159 |
| STROKE | 75 | 12.30 | 1.077 | 1.022 | 1.16  |
| STROKE | 75 | 12.40 | 1.078 | 1.023 | 1.162 |
| STROKE | 75 | 12.50 | 1.079 | 1.023 | 1.163 |
| STROKE | 75 | 12.60 | 1.08  | 1.024 | 1.165 |
| STROKE | 75 | 12.70 | 1.081 | 1.025 | 1.166 |
| STROKE | 75 | 12.80 | 1.082 | 1.025 | 1.168 |
| STROKE | 75 | 12.90 | 1.083 | 1.026 | 1.169 |
| STROKE | 75 | 13.00 | 1.084 | 1.027 | 1.171 |
| STROKE | 75 | 13.10 | 1.085 | 1.027 | 1.172 |
| STROKE | 75 | 13.20 | 1.086 | 1.028 | 1.173 |
| STROKE | 75 | 13.30 | 1.087 | 1.029 | 1.174 |
| STROKE | 75 | 13.40 | 1.088 | 1.03  | 1.176 |
| STROKE | 75 | 13.50 | 1.089 | 1.03  | 1.177 |
| STROKE | 75 | 13.60 | 1.09  | 1.031 | 1.178 |
| STROKE | 75 | 13.70 | 1.091 | 1.032 | 1.179 |
| STROKE | 75 | 13.80 | 1.092 | 1.032 | 1.18  |
| STROKE | 75 | 13.90 | 1.093 | 1.033 | 1.182 |
| STROKE | 75 | 14.00 | 1.094 | 1.034 | 1.183 |
| STROKE | 75 | 14.10 | 1.095 | 1.034 | 1.184 |
| STROKE | 75 | 14.20 | 1.096 | 1.035 | 1.185 |
| STROKE | 75 | 14.30 | 1.097 | 1.036 | 1.186 |
| STROKE | 75 | 14.40 | 1.098 | 1.037 | 1.187 |
| STROKE | 75 | 14.50 | 1.099 | 1.037 | 1.188 |
| STROKE | 75 | 14.60 | 1.1   | 1.038 | 1.19  |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 14.70 | 1.101 | 1.039 | 1.191 |
| STROKE | 75 | 14.80 | 1.102 | 1.039 | 1.192 |
| STROKE | 75 | 14.90 | 1.103 | 1.04  | 1.193 |
| STROKE | 75 | 15.00 | 1.104 | 1.041 | 1.194 |
| STROKE | 75 | 15.10 | 1.105 | 1.041 | 1.196 |
| STROKE | 75 | 15.20 | 1.106 | 1.042 | 1.197 |
| STROKE | 75 | 15.30 | 1.107 | 1.043 | 1.198 |
| STROKE | 75 | 15.40 | 1.108 | 1.044 | 1.199 |
| STROKE | 75 | 15.50 | 1.109 | 1.045 | 1.201 |
| STROKE | 75 | 15.60 | 1.11  | 1.045 | 1.202 |
| STROKE | 75 | 15.70 | 1.11  | 1.046 | 1.203 |
| STROKE | 75 | 15.80 | 1.111 | 1.047 | 1.205 |
| STROKE | 75 | 15.90 | 1.112 | 1.048 | 1.206 |
| STROKE | 75 | 16.00 | 1.113 | 1.048 | 1.207 |
| STROKE | 75 | 16.10 | 1.114 | 1.049 | 1.208 |
| STROKE | 75 | 16.20 | 1.115 | 1.05  | 1.21  |
| STROKE | 75 | 16.30 | 1.116 | 1.051 | 1.211 |
| STROKE | 75 | 16.40 | 1.117 | 1.052 | 1.212 |
| STROKE | 75 | 16.50 | 1.118 | 1.052 | 1.214 |
| STROKE | 75 | 16.60 | 1.119 | 1.053 | 1.215 |
| STROKE | 75 | 16.70 | 1.12  | 1.054 | 1.216 |
| STROKE | 75 | 16.80 | 1.121 | 1.055 | 1.218 |
| STROKE | 75 | 16.90 | 1.122 | 1.056 | 1.219 |
| STROKE | 75 | 17.00 | 1.123 | 1.056 | 1.22  |
| STROKE | 75 | 17.10 | 1.124 | 1.057 | 1.221 |
| STROKE | 75 | 17.20 | 1.125 | 1.058 | 1.223 |
| STROKE | 75 | 17.30 | 1.126 | 1.059 | 1.224 |
| STROKE | 75 | 17.40 | 1.127 | 1.059 | 1.225 |
| STROKE | 75 | 17.50 | 1.128 | 1.06  | 1.226 |
| STROKE | 75 | 17.60 | 1.128 | 1.061 | 1.227 |
| STROKE | 75 | 17.70 | 1.129 | 1.062 | 1.228 |
| STROKE | 75 | 17.80 | 1.13  | 1.062 | 1.229 |
| STROKE | 75 | 17.90 | 1.131 | 1.063 | 1.231 |
| STROKE | 75 | 18.00 | 1.132 | 1.064 | 1.232 |
| STROKE | 75 | 18.10 | 1.133 | 1.064 | 1.233 |
| STROKE | 75 | 18.20 | 1.134 | 1.065 | 1.234 |
| STROKE | 75 | 18.30 | 1.135 | 1.066 | 1.235 |
| STROKE | 75 | 18.40 | 1.136 | 1.067 | 1.236 |
| STROKE | 75 | 18.50 | 1.137 | 1.067 | 1.237 |
| STROKE | 75 | 18.60 | 1.138 | 1.068 | 1.238 |
| STROKE | 75 | 18.70 | 1.139 | 1.069 | 1.24  |
| STROKE | 75 | 18.80 | 1.14  | 1.069 | 1.241 |
| STROKE | 75 | 18.90 | 1.141 | 1.07  | 1.242 |
| STROKE | 75 | 19.00 | 1.141 | 1.071 | 1.243 |
| STROKE | 75 | 19.10 | 1.142 | 1.071 | 1.244 |
| STROKE | 75 | 19.20 | 1.143 | 1.072 | 1.245 |
| STROKE | 75 | 19.30 | 1.144 | 1.073 | 1.246 |
| STROKE | 75 | 19.40 | 1.145 | 1.073 | 1.247 |
| STROKE | 75 | 19.50 | 1.146 | 1.074 | 1.248 |
| STROKE | 75 | 19.60 | 1.147 | 1.075 | 1.249 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 19.70 | 1.148 | 1.076 | 1.25  |
| STROKE | 75 | 19.80 | 1.149 | 1.076 | 1.251 |
| STROKE | 75 | 19.90 | 1.15  | 1.077 | 1.252 |
| STROKE | 75 | 20.00 | 1.151 | 1.078 | 1.253 |
| STROKE | 75 | 20.10 | 1.151 | 1.078 | 1.254 |
| STROKE | 75 | 20.20 | 1.152 | 1.079 | 1.255 |
| STROKE | 75 | 20.30 | 1.153 | 1.08  | 1.256 |
| STROKE | 75 | 20.40 | 1.154 | 1.08  | 1.257 |
| STROKE | 75 | 20.50 | 1.155 | 1.081 | 1.258 |
| STROKE | 75 | 20.60 | 1.156 | 1.082 | 1.259 |
| STROKE | 75 | 20.70 | 1.157 | 1.082 | 1.26  |
| STROKE | 75 | 20.80 | 1.158 | 1.083 | 1.261 |
| STROKE | 75 | 20.90 | 1.159 | 1.084 | 1.262 |
| STROKE | 75 | 21.00 | 1.16  | 1.085 | 1.263 |
| STROKE | 75 | 21.10 | 1.16  | 1.085 | 1.265 |
| STROKE | 75 | 21.20 | 1.161 | 1.086 | 1.266 |
| STROKE | 75 | 21.30 | 1.162 | 1.087 | 1.267 |
| STROKE | 75 | 21.40 | 1.163 | 1.087 | 1.268 |
| STROKE | 75 | 21.50 | 1.164 | 1.088 | 1.269 |
| STROKE | 75 | 21.60 | 1.165 | 1.089 | 1.271 |
| STROKE | 75 | 21.70 | 1.166 | 1.089 | 1.272 |
| STROKE | 75 | 21.80 | 1.167 | 1.09  | 1.273 |
| STROKE | 75 | 21.90 | 1.168 | 1.091 | 1.274 |
| STROKE | 75 | 22.00 | 1.169 | 1.091 | 1.275 |
| STROKE | 75 | 22.10 | 1.169 | 1.092 | 1.276 |
| STROKE | 75 | 22.20 | 1.17  | 1.093 | 1.277 |
| STROKE | 75 | 22.30 | 1.171 | 1.094 | 1.278 |
| STROKE | 75 | 22.40 | 1.172 | 1.094 | 1.279 |
| STROKE | 75 | 22.50 | 1.173 | 1.095 | 1.28  |
| STROKE | 75 | 22.60 | 1.174 | 1.096 | 1.281 |
| STROKE | 75 | 22.70 | 1.175 | 1.096 | 1.282 |
| STROKE | 75 | 22.80 | 1.176 | 1.097 | 1.283 |
| STROKE | 75 | 22.90 | 1.176 | 1.098 | 1.284 |
| STROKE | 75 | 23.00 | 1.177 | 1.099 | 1.285 |
| STROKE | 75 | 23.10 | 1.178 | 1.099 | 1.286 |
| STROKE | 75 | 23.20 | 1.179 | 1.1   | 1.287 |
| STROKE | 75 | 23.30 | 1.18  | 1.101 | 1.288 |
| STROKE | 75 | 23.40 | 1.181 | 1.101 | 1.289 |
| STROKE | 75 | 23.50 | 1.182 | 1.102 | 1.29  |
| STROKE | 75 | 23.60 | 1.183 | 1.103 | 1.29  |
| STROKE | 75 | 23.70 | 1.183 | 1.104 | 1.291 |
| STROKE | 75 | 23.80 | 1.184 | 1.104 | 1.292 |
| STROKE | 75 | 23.90 | 1.185 | 1.105 | 1.293 |
| STROKE | 75 | 24.00 | 1.186 | 1.106 | 1.294 |
| STROKE | 75 | 24.10 | 1.187 | 1.107 | 1.295 |
| STROKE | 75 | 24.20 | 1.188 | 1.107 | 1.296 |
| STROKE | 75 | 24.30 | 1.189 | 1.108 | 1.297 |
| STROKE | 75 | 24.40 | 1.19  | 1.109 | 1.297 |
| STROKE | 75 | 24.50 | 1.19  | 1.109 | 1.298 |
| STROKE | 75 | 24.60 | 1.191 | 1.11  | 1.299 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 24.70 | 1.192 | 1.111 | 1.3   |
| STROKE | 75 | 24.80 | 1.193 | 1.112 | 1.301 |
| STROKE | 75 | 24.90 | 1.194 | 1.112 | 1.302 |
| STROKE | 75 | 25.00 | 1.195 | 1.113 | 1.303 |
| STROKE | 75 | 25.10 | 1.196 | 1.114 | 1.304 |
| STROKE | 75 | 25.20 | 1.196 | 1.114 | 1.305 |
| STROKE | 75 | 25.30 | 1.197 | 1.115 | 1.306 |
| STROKE | 75 | 25.40 | 1.198 | 1.116 | 1.307 |
| STROKE | 75 | 25.50 | 1.199 | 1.116 | 1.308 |
| STROKE | 75 | 25.60 | 1.2   | 1.117 | 1.308 |
| STROKE | 75 | 25.70 | 1.201 | 1.118 | 1.309 |
| STROKE | 75 | 25.80 | 1.201 | 1.119 | 1.31  |
| STROKE | 75 | 25.90 | 1.202 | 1.119 | 1.311 |
| STROKE | 75 | 26.00 | 1.203 | 1.12  | 1.312 |
| STROKE | 75 | 26.10 | 1.204 | 1.121 | 1.313 |
| STROKE | 75 | 26.20 | 1.205 | 1.121 | 1.314 |
| STROKE | 75 | 26.30 | 1.206 | 1.122 | 1.314 |
| STROKE | 75 | 26.40 | 1.207 | 1.123 | 1.315 |
| STROKE | 75 | 26.50 | 1.207 | 1.123 | 1.316 |
| STROKE | 75 | 26.60 | 1.208 | 1.124 | 1.317 |
| STROKE | 75 | 26.70 | 1.209 | 1.125 | 1.318 |
| STROKE | 75 | 26.80 | 1.21  | 1.125 | 1.318 |
| STROKE | 75 | 26.90 | 1.211 | 1.126 | 1.319 |
| STROKE | 75 | 27.00 | 1.212 | 1.126 | 1.32  |
| STROKE | 75 | 27.10 | 1.212 | 1.127 | 1.321 |
| STROKE | 75 | 27.20 | 1.213 | 1.128 | 1.322 |
| STROKE | 75 | 27.30 | 1.214 | 1.128 | 1.322 |
| STROKE | 75 | 27.40 | 1.215 | 1.129 | 1.323 |
| STROKE | 75 | 27.50 | 1.216 | 1.13  | 1.324 |
| STROKE | 75 | 27.60 | 1.217 | 1.13  | 1.324 |
| STROKE | 75 | 27.70 | 1.217 | 1.131 | 1.325 |
| STROKE | 75 | 27.80 | 1.218 | 1.132 | 1.326 |
| STROKE | 75 | 27.90 | 1.219 | 1.133 | 1.327 |
| STROKE | 75 | 28.00 | 1.22  | 1.133 | 1.327 |
| STROKE | 75 | 28.10 | 1.221 | 1.134 | 1.328 |
| STROKE | 75 | 28.20 | 1.222 | 1.134 | 1.329 |
| STROKE | 75 | 28.30 | 1.222 | 1.135 | 1.33  |
| STROKE | 75 | 28.40 | 1.223 | 1.136 | 1.331 |
| STROKE | 75 | 28.50 | 1.224 | 1.136 | 1.332 |
| STROKE | 75 | 28.60 | 1.225 | 1.137 | 1.332 |
| STROKE | 75 | 28.70 | 1.226 | 1.138 | 1.333 |
| STROKE | 75 | 28.80 | 1.227 | 1.138 | 1.334 |
| STROKE | 75 | 28.90 | 1.227 | 1.139 | 1.335 |
| STROKE | 75 | 29.00 | 1.228 | 1.14  | 1.336 |
| STROKE | 75 | 29.10 | 1.229 | 1.14  | 1.336 |
| STROKE | 75 | 29.20 | 1.23  | 1.141 | 1.337 |
| STROKE | 75 | 29.30 | 1.231 | 1.142 | 1.338 |
| STROKE | 75 | 29.40 | 1.231 | 1.142 | 1.338 |
| STROKE | 75 | 29.50 | 1.232 | 1.143 | 1.339 |
| STROKE | 75 | 29.60 | 1.233 | 1.144 | 1.34  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 29.70 | 1.234 | 1.144 | 1.34  |
| STROKE | 75 | 29.80 | 1.235 | 1.145 | 1.341 |
| STROKE | 75 | 29.90 | 1.236 | 1.146 | 1.342 |
| STROKE | 75 | 30.00 | 1.236 | 1.146 | 1.342 |
| STROKE | 75 | 30.10 | 1.237 | 1.147 | 1.343 |
| STROKE | 75 | 30.20 | 1.238 | 1.148 | 1.344 |
| STROKE | 75 | 30.30 | 1.239 | 1.148 | 1.345 |
| STROKE | 75 | 30.40 | 1.24  | 1.149 | 1.346 |
| STROKE | 75 | 30.50 | 1.24  | 1.15  | 1.346 |
| STROKE | 75 | 30.60 | 1.241 | 1.15  | 1.347 |
| STROKE | 75 | 30.70 | 1.242 | 1.151 | 1.348 |
| STROKE | 75 | 30.80 | 1.243 | 1.152 | 1.349 |
| STROKE | 75 | 30.90 | 1.244 | 1.152 | 1.349 |
| STROKE | 75 | 31.00 | 1.244 | 1.153 | 1.35  |
| STROKE | 75 | 31.10 | 1.245 | 1.153 | 1.351 |
| STROKE | 75 | 31.20 | 1.246 | 1.154 | 1.351 |
| STROKE | 75 | 31.30 | 1.247 | 1.154 | 1.352 |
| STROKE | 75 | 31.40 | 1.248 | 1.155 | 1.353 |
| STROKE | 75 | 31.50 | 1.248 | 1.155 | 1.354 |
| STROKE | 75 | 31.60 | 1.249 | 1.156 | 1.354 |
| STROKE | 75 | 31.70 | 1.25  | 1.156 | 1.355 |
| STROKE | 75 | 31.80 | 1.251 | 1.157 | 1.356 |
| STROKE | 75 | 31.90 | 1.252 | 1.157 | 1.356 |
| STROKE | 75 | 32.00 | 1.252 | 1.158 | 1.357 |
| STROKE | 75 | 32.10 | 1.253 | 1.158 | 1.358 |
| STROKE | 75 | 32.20 | 1.254 | 1.159 | 1.359 |
| STROKE | 75 | 32.30 | 1.255 | 1.159 | 1.359 |
| STROKE | 75 | 32.40 | 1.255 | 1.16  | 1.36  |
| STROKE | 75 | 32.50 | 1.256 | 1.161 | 1.361 |
| STROKE | 75 | 32.60 | 1.257 | 1.161 | 1.362 |
| STROKE | 75 | 32.70 | 1.258 | 1.162 | 1.363 |
| STROKE | 75 | 32.80 | 1.259 | 1.162 | 1.363 |
| STROKE | 75 | 32.90 | 1.259 | 1.163 | 1.364 |
| STROKE | 75 | 33.00 | 1.26  | 1.163 | 1.365 |
| STROKE | 75 | 33.10 | 1.261 | 1.164 | 1.366 |
| STROKE | 75 | 33.20 | 1.262 | 1.165 | 1.366 |
| STROKE | 75 | 33.30 | 1.263 | 1.165 | 1.367 |
| STROKE | 75 | 33.40 | 1.263 | 1.166 | 1.368 |
| STROKE | 75 | 33.50 | 1.264 | 1.166 | 1.369 |
| STROKE | 75 | 33.60 | 1.265 | 1.167 | 1.369 |
| STROKE | 75 | 33.70 | 1.266 | 1.168 | 1.37  |
| STROKE | 75 | 33.80 | 1.266 | 1.168 | 1.371 |
| STROKE | 75 | 33.90 | 1.267 | 1.169 | 1.371 |
| STROKE | 75 | 34.00 | 1.268 | 1.169 | 1.372 |
| STROKE | 75 | 34.10 | 1.269 | 1.17  | 1.373 |
| STROKE | 75 | 34.20 | 1.27  | 1.171 | 1.374 |
| STROKE | 75 | 34.30 | 1.27  | 1.171 | 1.375 |
| STROKE | 75 | 34.40 | 1.271 | 1.172 | 1.376 |
| STROKE | 75 | 34.50 | 1.272 | 1.172 | 1.376 |
| STROKE | 75 | 34.60 | 1.273 | 1.173 | 1.377 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 34.70 | 1.273 | 1.173 | 1.378 |
| STROKE | 75 | 34.80 | 1.274 | 1.174 | 1.379 |
| STROKE | 75 | 34.90 | 1.275 | 1.175 | 1.38  |
| STROKE | 75 | 35.00 | 1.276 | 1.175 | 1.381 |
| STROKE | 75 | 35.10 | 1.276 | 1.176 | 1.382 |
| STROKE | 75 | 35.20 | 1.277 | 1.176 | 1.382 |
| STROKE | 75 | 35.30 | 1.278 | 1.177 | 1.383 |
| STROKE | 75 | 35.40 | 1.279 | 1.178 | 1.384 |
| STROKE | 75 | 35.50 | 1.28  | 1.178 | 1.385 |
| STROKE | 75 | 35.60 | 1.28  | 1.179 | 1.386 |
| STROKE | 75 | 35.70 | 1.281 | 1.179 | 1.386 |
| STROKE | 75 | 35.80 | 1.282 | 1.18  | 1.387 |
| STROKE | 75 | 35.90 | 1.283 | 1.18  | 1.388 |
| STROKE | 75 | 36.00 | 1.283 | 1.181 | 1.389 |
| STROKE | 75 | 36.10 | 1.284 | 1.182 | 1.39  |
| STROKE | 75 | 36.20 | 1.285 | 1.182 | 1.391 |
| STROKE | 75 | 36.30 | 1.286 | 1.183 | 1.392 |
| STROKE | 75 | 36.40 | 1.286 | 1.184 | 1.393 |
| STROKE | 75 | 36.50 | 1.287 | 1.184 | 1.394 |
| STROKE | 75 | 36.60 | 1.288 | 1.185 | 1.395 |
| STROKE | 75 | 36.70 | 1.289 | 1.186 | 1.395 |
| STROKE | 75 | 36.80 | 1.289 | 1.186 | 1.396 |
| STROKE | 75 | 36.90 | 1.29  | 1.187 | 1.397 |
| STROKE | 75 | 37.00 | 1.291 | 1.188 | 1.398 |
| STROKE | 75 | 37.10 | 1.292 | 1.188 | 1.399 |
| STROKE | 75 | 37.20 | 1.292 | 1.189 | 1.4   |
| STROKE | 75 | 37.30 | 1.293 | 1.19  | 1.401 |
| STROKE | 75 | 37.40 | 1.294 | 1.19  | 1.402 |
| STROKE | 75 | 37.50 | 1.295 | 1.191 | 1.403 |
| STROKE | 75 | 37.60 | 1.295 | 1.192 | 1.404 |
| STROKE | 75 | 37.70 | 1.296 | 1.192 | 1.405 |
| STROKE | 75 | 37.80 | 1.297 | 1.193 | 1.406 |
| STROKE | 75 | 37.90 | 1.298 | 1.194 | 1.407 |
| STROKE | 75 | 38.00 | 1.298 | 1.194 | 1.408 |
| STROKE | 75 | 38.10 | 1.299 | 1.195 | 1.409 |
| STROKE | 75 | 38.20 | 1.3   | 1.196 | 1.409 |
| STROKE | 75 | 38.30 | 1.3   | 1.196 | 1.41  |
| STROKE | 75 | 38.40 | 1.301 | 1.197 | 1.411 |
| STROKE | 75 | 38.50 | 1.302 | 1.198 | 1.412 |
| STROKE | 75 | 38.60 | 1.303 | 1.198 | 1.413 |
| STROKE | 75 | 38.70 | 1.303 | 1.199 | 1.414 |
| STROKE | 75 | 38.80 | 1.304 | 1.2   | 1.415 |
| STROKE | 75 | 38.90 | 1.305 | 1.2   | 1.416 |
| STROKE | 75 | 39.00 | 1.306 | 1.201 | 1.417 |
| STROKE | 75 | 39.10 | 1.306 | 1.202 | 1.418 |
| STROKE | 75 | 39.20 | 1.307 | 1.202 | 1.419 |
| STROKE | 75 | 39.30 | 1.308 | 1.203 | 1.419 |
| STROKE | 75 | 39.40 | 1.309 | 1.204 | 1.42  |
| STROKE | 75 | 39.50 | 1.309 | 1.204 | 1.421 |
| STROKE | 75 | 39.60 | 1.31  | 1.205 | 1.422 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 39.70 | 1.311 | 1.206 | 1.422 |
| STROKE | 75 | 39.80 | 1.311 | 1.206 | 1.423 |
| STROKE | 75 | 39.90 | 1.312 | 1.207 | 1.424 |
| STROKE | 75 | 40.00 | 1.313 | 1.208 | 1.425 |
| STROKE | 75 | 40.10 | 1.314 | 1.208 | 1.425 |
| STROKE | 75 | 40.20 | 1.314 | 1.209 | 1.426 |
| STROKE | 75 | 40.30 | 1.315 | 1.21  | 1.427 |
| STROKE | 75 | 40.40 | 1.316 | 1.21  | 1.427 |
| STROKE | 75 | 40.50 | 1.316 | 1.211 | 1.428 |
| STROKE | 75 | 40.60 | 1.317 | 1.211 | 1.429 |
| STROKE | 75 | 40.70 | 1.318 | 1.212 | 1.429 |
| STROKE | 75 | 40.80 | 1.319 | 1.213 | 1.43  |
| STROKE | 75 | 40.90 | 1.319 | 1.213 | 1.431 |
| STROKE | 75 | 41.00 | 1.32  | 1.214 | 1.431 |
| STROKE | 75 | 41.10 | 1.321 | 1.215 | 1.432 |
| STROKE | 75 | 41.20 | 1.321 | 1.215 | 1.433 |
| STROKE | 75 | 41.30 | 1.322 | 1.216 | 1.434 |
| STROKE | 75 | 41.40 | 1.323 | 1.217 | 1.435 |
| STROKE | 75 | 41.50 | 1.324 | 1.217 | 1.436 |
| STROKE | 75 | 41.60 | 1.324 | 1.218 | 1.437 |
| STROKE | 75 | 41.70 | 1.325 | 1.219 | 1.437 |
| STROKE | 75 | 41.80 | 1.326 | 1.219 | 1.438 |
| STROKE | 75 | 41.90 | 1.326 | 1.22  | 1.439 |
| STROKE | 75 | 42.00 | 1.327 | 1.221 | 1.44  |
| STROKE | 75 | 42.10 | 1.328 | 1.221 | 1.441 |
| STROKE | 75 | 42.20 | 1.329 | 1.222 | 1.442 |
| STROKE | 75 | 42.30 | 1.329 | 1.222 | 1.443 |
| STROKE | 75 | 42.40 | 1.33  | 1.223 | 1.444 |
| STROKE | 75 | 42.50 | 1.331 | 1.223 | 1.445 |
| STROKE | 75 | 42.60 | 1.331 | 1.224 | 1.445 |
| STROKE | 75 | 42.70 | 1.332 | 1.225 | 1.446 |
| STROKE | 75 | 42.80 | 1.333 | 1.225 | 1.447 |
| STROKE | 75 | 42.90 | 1.333 | 1.226 | 1.448 |
| STROKE | 75 | 43.00 | 1.334 | 1.226 | 1.449 |
| STROKE | 75 | 43.10 | 1.335 | 1.227 | 1.45  |
| STROKE | 75 | 43.20 | 1.335 | 1.227 | 1.451 |
| STROKE | 75 | 43.30 | 1.336 | 1.228 | 1.451 |
| STROKE | 75 | 43.40 | 1.337 | 1.228 | 1.452 |
| STROKE | 75 | 43.50 | 1.338 | 1.229 | 1.453 |
| STROKE | 75 | 43.60 | 1.338 | 1.23  | 1.454 |
| STROKE | 75 | 43.70 | 1.339 | 1.23  | 1.455 |
| STROKE | 75 | 43.80 | 1.34  | 1.231 | 1.455 |
| STROKE | 75 | 43.90 | 1.34  | 1.231 | 1.456 |
| STROKE | 75 | 44.00 | 1.341 | 1.232 | 1.457 |
| STROKE | 75 | 44.10 | 1.342 | 1.233 | 1.458 |
| STROKE | 75 | 44.20 | 1.342 | 1.233 | 1.459 |
| STROKE | 75 | 44.30 | 1.343 | 1.234 | 1.46  |
| STROKE | 75 | 44.40 | 1.344 | 1.234 | 1.46  |
| STROKE | 75 | 44.50 | 1.344 | 1.235 | 1.461 |
| STROKE | 75 | 44.60 | 1.345 | 1.236 | 1.462 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 44.70 | 1.346 | 1.236 | 1.463 |
| STROKE | 75 | 44.80 | 1.346 | 1.237 | 1.464 |
| STROKE | 75 | 44.90 | 1.347 | 1.238 | 1.464 |
| STROKE | 75 | 45.00 | 1.348 | 1.238 | 1.465 |
| STROKE | 75 | 45.10 | 1.348 | 1.239 | 1.466 |
| STROKE | 75 | 45.20 | 1.349 | 1.239 | 1.467 |
| STROKE | 75 | 45.30 | 1.35  | 1.24  | 1.467 |
| STROKE | 75 | 45.40 | 1.35  | 1.241 | 1.468 |
| STROKE | 75 | 45.50 | 1.351 | 1.241 | 1.468 |
| STROKE | 75 | 45.60 | 1.352 | 1.242 | 1.469 |
| STROKE | 75 | 45.70 | 1.352 | 1.243 | 1.47  |
| STROKE | 75 | 45.80 | 1.353 | 1.243 | 1.47  |
| STROKE | 75 | 45.90 | 1.354 | 1.244 | 1.471 |
| STROKE | 75 | 46.00 | 1.355 | 1.245 | 1.472 |
| STROKE | 75 | 46.10 | 1.355 | 1.245 | 1.472 |
| STROKE | 75 | 46.20 | 1.356 | 1.246 | 1.473 |
| STROKE | 75 | 46.30 | 1.356 | 1.246 | 1.474 |
| STROKE | 75 | 46.40 | 1.357 | 1.247 | 1.475 |
| STROKE | 75 | 46.50 | 1.358 | 1.248 | 1.476 |
| STROKE | 75 | 46.60 | 1.358 | 1.248 | 1.477 |
| STROKE | 75 | 46.70 | 1.359 | 1.249 | 1.477 |
| STROKE | 75 | 46.80 | 1.36  | 1.25  | 1.478 |
| STROKE | 75 | 46.90 | 1.36  | 1.25  | 1.479 |
| STROKE | 75 | 47.00 | 1.361 | 1.251 | 1.48  |
| STROKE | 75 | 47.10 | 1.362 | 1.252 | 1.481 |
| STROKE | 75 | 47.20 | 1.362 | 1.252 | 1.481 |
| STROKE | 75 | 47.30 | 1.363 | 1.252 | 1.482 |
| STROKE | 75 | 47.40 | 1.364 | 1.253 | 1.483 |
| STROKE | 75 | 47.50 | 1.364 | 1.253 | 1.484 |
| STROKE | 75 | 47.60 | 1.365 | 1.254 | 1.485 |
| STROKE | 75 | 47.70 | 1.366 | 1.254 | 1.485 |
| STROKE | 75 | 47.80 | 1.366 | 1.254 | 1.486 |
| STROKE | 75 | 47.90 | 1.367 | 1.255 | 1.487 |
| STROKE | 75 | 48.00 | 1.368 | 1.255 | 1.488 |
| STROKE | 75 | 48.10 | 1.368 | 1.256 | 1.488 |
| STROKE | 75 | 48.20 | 1.369 | 1.256 | 1.489 |
| STROKE | 75 | 48.30 | 1.37  | 1.256 | 1.49  |
| STROKE | 75 | 48.40 | 1.37  | 1.257 | 1.491 |
| STROKE | 75 | 48.50 | 1.371 | 1.257 | 1.492 |
| STROKE | 75 | 48.60 | 1.372 | 1.257 | 1.492 |
| STROKE | 75 | 48.70 | 1.372 | 1.258 | 1.493 |
| STROKE | 75 | 48.80 | 1.373 | 1.258 | 1.494 |
| STROKE | 75 | 48.90 | 1.373 | 1.259 | 1.495 |
| STROKE | 75 | 49.00 | 1.374 | 1.259 | 1.495 |
| STROKE | 75 | 49.10 | 1.375 | 1.259 | 1.496 |
| STROKE | 75 | 49.20 | 1.375 | 1.26  | 1.497 |
| STROKE | 75 | 49.30 | 1.376 | 1.26  | 1.498 |
| STROKE | 75 | 49.40 | 1.377 | 1.26  | 1.499 |
| STROKE | 75 | 49.50 | 1.377 | 1.261 | 1.5   |
| STROKE | 75 | 49.60 | 1.378 | 1.261 | 1.501 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 75 | 49.70 | 1.379 | 1.262 | 1.502 |
| STROKE | 75 | 49.80 | 1.379 | 1.262 | 1.502 |
| STROKE | 75 | 49.90 | 1.38  | 1.262 | 1.503 |
| STROKE | 80 | 0.00  | 1     | 1     | 1     |
| STROKE | 80 | 0.10  | 1     | 1     | 1     |
| STROKE | 80 | 0.20  | 1     | 1     | 1     |
| STROKE | 80 | 0.30  | 1     | 1     | 1     |
| STROKE | 80 | 0.40  | 1     | 1     | 1     |
| STROKE | 80 | 0.50  | 1     | 1     | 1     |
| STROKE | 80 | 0.60  | 1     | 1     | 1     |
| STROKE | 80 | 0.70  | 1     | 1     | 1     |
| STROKE | 80 | 0.80  | 1     | 1     | 1     |
| STROKE | 80 | 0.90  | 1     | 1     | 1     |
| STROKE | 80 | 1.00  | 1     | 1     | 1     |
| STROKE | 80 | 1.10  | 1     | 1     | 1     |
| STROKE | 80 | 1.20  | 1     | 1     | 1     |
| STROKE | 80 | 1.30  | 1     | 1     | 1     |
| STROKE | 80 | 1.40  | 1     | 1     | 1.001 |
| STROKE | 80 | 1.50  | 1     | 1     | 1.003 |
| STROKE | 80 | 1.60  | 1     | 1     | 1.005 |
| STROKE | 80 | 1.70  | 1     | 1     | 1.007 |
| STROKE | 80 | 1.80  | 1.001 | 1     | 1.008 |
| STROKE | 80 | 1.90  | 1.001 | 1     | 1.01  |
| STROKE | 80 | 2.00  | 1.001 | 1     | 1.012 |
| STROKE | 80 | 2.10  | 1.001 | 1     | 1.014 |
| STROKE | 80 | 2.20  | 1.001 | 1     | 1.015 |
| STROKE | 80 | 2.30  | 1.002 | 1     | 1.017 |
| STROKE | 80 | 2.40  | 1.002 | 1     | 1.019 |
| STROKE | 80 | 2.50  | 1.002 | 1     | 1.02  |
| STROKE | 80 | 2.60  | 1.003 | 1     | 1.022 |
| STROKE | 80 | 2.70  | 1.003 | 1     | 1.024 |
| STROKE | 80 | 2.80  | 1.004 | 1     | 1.026 |
| STROKE | 80 | 2.90  | 1.004 | 1     | 1.027 |
| STROKE | 80 | 3.00  | 1.005 | 1     | 1.029 |
| STROKE | 80 | 3.10  | 1.005 | 1     | 1.031 |
| STROKE | 80 | 3.20  | 1.006 | 1     | 1.032 |
| STROKE | 80 | 3.30  | 1.007 | 1     | 1.034 |
| STROKE | 80 | 3.40  | 1.007 | 1     | 1.036 |
| STROKE | 80 | 3.50  | 1.008 | 1     | 1.037 |
| STROKE | 80 | 3.60  | 1.009 | 1     | 1.039 |
| STROKE | 80 | 3.70  | 1.009 | 1     | 1.04  |
| STROKE | 80 | 3.80  | 1.01  | 1     | 1.042 |
| STROKE | 80 | 3.90  | 1.011 | 1     | 1.044 |
| STROKE | 80 | 4.00  | 1.012 | 1     | 1.045 |
| STROKE | 80 | 4.10  | 1.013 | 1     | 1.047 |
| STROKE | 80 | 4.20  | 1.013 | 1     | 1.049 |
| STROKE | 80 | 4.30  | 1.014 | 1     | 1.05  |
| STROKE | 80 | 4.40  | 1.015 | 1     | 1.052 |
| STROKE | 80 | 4.50  | 1.016 | 1     | 1.053 |
| STROKE | 80 | 4.60  | 1.017 | 1     | 1.055 |



|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 80 | 4.70 | 1.018 | 1     | 1.057 |
| STROKE | 80 | 4.80 | 1.019 | 1     | 1.058 |
| STROKE | 80 | 4.90 | 1.02  | 1     | 1.06  |
| STROKE | 80 | 5.00 | 1.021 | 1     | 1.062 |
| STROKE | 80 | 5.10 | 1.022 | 1     | 1.063 |
| STROKE | 80 | 5.20 | 1.022 | 1     | 1.065 |
| STROKE | 80 | 5.30 | 1.023 | 1     | 1.067 |
| STROKE | 80 | 5.40 | 1.024 | 1     | 1.069 |
| STROKE | 80 | 5.50 | 1.025 | 1     | 1.07  |
| STROKE | 80 | 5.60 | 1.026 | 1     | 1.072 |
| STROKE | 80 | 5.70 | 1.027 | 1     | 1.074 |
| STROKE | 80 | 5.80 | 1.028 | 1     | 1.075 |
| STROKE | 80 | 5.90 | 1.029 | 1     | 1.077 |
| STROKE | 80 | 6.00 | 1.03  | 1     | 1.079 |
| STROKE | 80 | 6.10 | 1.031 | 1     | 1.08  |
| STROKE | 80 | 6.20 | 1.032 | 1     | 1.082 |
| STROKE | 80 | 6.30 | 1.033 | 1.001 | 1.084 |
| STROKE | 80 | 6.40 | 1.034 | 1.002 | 1.085 |
| STROKE | 80 | 6.50 | 1.035 | 1.002 | 1.087 |
| STROKE | 80 | 6.60 | 1.036 | 1.003 | 1.088 |
| STROKE | 80 | 6.70 | 1.037 | 1.004 | 1.09  |
| STROKE | 80 | 6.80 | 1.038 | 1.004 | 1.091 |
| STROKE | 80 | 6.90 | 1.039 | 1.005 | 1.093 |
| STROKE | 80 | 7.00 | 1.04  | 1.006 | 1.094 |
| STROKE | 80 | 7.10 | 1.041 | 1.006 | 1.095 |
| STROKE | 80 | 7.20 | 1.042 | 1.007 | 1.097 |
| STROKE | 80 | 7.30 | 1.042 | 1.008 | 1.098 |
| STROKE | 80 | 7.40 | 1.043 | 1.008 | 1.1   |
| STROKE | 80 | 7.50 | 1.044 | 1.009 | 1.101 |
| STROKE | 80 | 7.60 | 1.045 | 1.01  | 1.103 |
| STROKE | 80 | 7.70 | 1.046 | 1.01  | 1.104 |
| STROKE | 80 | 7.80 | 1.047 | 1.011 | 1.105 |
| STROKE | 80 | 7.90 | 1.048 | 1.012 | 1.107 |
| STROKE | 80 | 8.00 | 1.049 | 1.012 | 1.108 |
| STROKE | 80 | 8.10 | 1.05  | 1.013 | 1.11  |
| STROKE | 80 | 8.20 | 1.051 | 1.014 | 1.111 |
| STROKE | 80 | 8.30 | 1.052 | 1.014 | 1.112 |
| STROKE | 80 | 8.40 | 1.053 | 1.015 | 1.114 |
| STROKE | 80 | 8.50 | 1.054 | 1.016 | 1.115 |
| STROKE | 80 | 8.60 | 1.055 | 1.016 | 1.116 |
| STROKE | 80 | 8.70 | 1.056 | 1.017 | 1.118 |
| STROKE | 80 | 8.80 | 1.057 | 1.018 | 1.119 |
| STROKE | 80 | 8.90 | 1.058 | 1.018 | 1.12  |
| STROKE | 80 | 9.00 | 1.058 | 1.019 | 1.122 |
| STROKE | 80 | 9.10 | 1.059 | 1.02  | 1.123 |
| STROKE | 80 | 9.20 | 1.06  | 1.02  | 1.125 |
| STROKE | 80 | 9.30 | 1.061 | 1.021 | 1.126 |
| STROKE | 80 | 9.40 | 1.062 | 1.022 | 1.127 |
| STROKE | 80 | 9.50 | 1.063 | 1.022 | 1.129 |
| STROKE | 80 | 9.60 | 1.064 | 1.023 | 1.13  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 9.70  | 1.065 | 1.024 | 1.131 |
| STROKE | 80 | 9.80  | 1.066 | 1.024 | 1.132 |
| STROKE | 80 | 9.90  | 1.067 | 1.025 | 1.133 |
| STROKE | 80 | 10.00 | 1.068 | 1.026 | 1.135 |
| STROKE | 80 | 10.10 | 1.069 | 1.026 | 1.136 |
| STROKE | 80 | 10.20 | 1.069 | 1.027 | 1.137 |
| STROKE | 80 | 10.30 | 1.07  | 1.028 | 1.138 |
| STROKE | 80 | 10.40 | 1.071 | 1.028 | 1.14  |
| STROKE | 80 | 10.50 | 1.072 | 1.029 | 1.141 |
| STROKE | 80 | 10.60 | 1.073 | 1.03  | 1.142 |
| STROKE | 80 | 10.70 | 1.074 | 1.03  | 1.143 |
| STROKE | 80 | 10.80 | 1.075 | 1.031 | 1.145 |
| STROKE | 80 | 10.90 | 1.076 | 1.032 | 1.146 |
| STROKE | 80 | 11.00 | 1.077 | 1.032 | 1.147 |
| STROKE | 80 | 11.10 | 1.078 | 1.033 | 1.148 |
| STROKE | 80 | 11.20 | 1.078 | 1.033 | 1.149 |
| STROKE | 80 | 11.30 | 1.079 | 1.034 | 1.15  |
| STROKE | 80 | 11.40 | 1.08  | 1.035 | 1.152 |
| STROKE | 80 | 11.50 | 1.081 | 1.035 | 1.153 |
| STROKE | 80 | 11.60 | 1.082 | 1.036 | 1.154 |
| STROKE | 80 | 11.70 | 1.083 | 1.037 | 1.155 |
| STROKE | 80 | 11.80 | 1.084 | 1.037 | 1.156 |
| STROKE | 80 | 11.90 | 1.085 | 1.038 | 1.157 |
| STROKE | 80 | 12.00 | 1.086 | 1.039 | 1.158 |
| STROKE | 80 | 12.10 | 1.086 | 1.039 | 1.159 |
| STROKE | 80 | 12.20 | 1.087 | 1.04  | 1.161 |
| STROKE | 80 | 12.30 | 1.088 | 1.041 | 1.162 |
| STROKE | 80 | 12.40 | 1.089 | 1.041 | 1.163 |
| STROKE | 80 | 12.50 | 1.09  | 1.042 | 1.164 |
| STROKE | 80 | 12.60 | 1.091 | 1.043 | 1.165 |
| STROKE | 80 | 12.70 | 1.092 | 1.043 | 1.166 |
| STROKE | 80 | 12.80 | 1.093 | 1.044 | 1.167 |
| STROKE | 80 | 12.90 | 1.093 | 1.045 | 1.168 |
| STROKE | 80 | 13.00 | 1.094 | 1.045 | 1.169 |
| STROKE | 80 | 13.10 | 1.095 | 1.046 | 1.17  |
| STROKE | 80 | 13.20 | 1.096 | 1.047 | 1.171 |
| STROKE | 80 | 13.30 | 1.097 | 1.047 | 1.172 |
| STROKE | 80 | 13.40 | 1.098 | 1.048 | 1.173 |
| STROKE | 80 | 13.50 | 1.099 | 1.049 | 1.174 |
| STROKE | 80 | 13.60 | 1.099 | 1.049 | 1.175 |
| STROKE | 80 | 13.70 | 1.1   | 1.05  | 1.177 |
| STROKE | 80 | 13.80 | 1.101 | 1.051 | 1.178 |
| STROKE | 80 | 13.90 | 1.102 | 1.051 | 1.179 |
| STROKE | 80 | 14.00 | 1.103 | 1.052 | 1.18  |
| STROKE | 80 | 14.10 | 1.104 | 1.052 | 1.181 |
| STROKE | 80 | 14.20 | 1.105 | 1.053 | 1.182 |
| STROKE | 80 | 14.30 | 1.105 | 1.054 | 1.183 |
| STROKE | 80 | 14.40 | 1.106 | 1.054 | 1.183 |
| STROKE | 80 | 14.50 | 1.107 | 1.055 | 1.184 |
| STROKE | 80 | 14.60 | 1.108 | 1.056 | 1.185 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 14.70 | 1.109 | 1.056 | 1.186 |
| STROKE | 80 | 14.80 | 1.11  | 1.057 | 1.187 |
| STROKE | 80 | 14.90 | 1.111 | 1.057 | 1.188 |
| STROKE | 80 | 15.00 | 1.111 | 1.058 | 1.189 |
| STROKE | 80 | 15.10 | 1.112 | 1.059 | 1.19  |
| STROKE | 80 | 15.20 | 1.113 | 1.059 | 1.191 |
| STROKE | 80 | 15.30 | 1.114 | 1.06  | 1.192 |
| STROKE | 80 | 15.40 | 1.115 | 1.06  | 1.193 |
| STROKE | 80 | 15.50 | 1.116 | 1.061 | 1.194 |
| STROKE | 80 | 15.60 | 1.116 | 1.062 | 1.195 |
| STROKE | 80 | 15.70 | 1.117 | 1.062 | 1.196 |
| STROKE | 80 | 15.80 | 1.118 | 1.063 | 1.197 |
| STROKE | 80 | 15.90 | 1.119 | 1.063 | 1.198 |
| STROKE | 80 | 16.00 | 1.12  | 1.064 | 1.199 |
| STROKE | 80 | 16.10 | 1.121 | 1.065 | 1.2   |
| STROKE | 80 | 16.20 | 1.121 | 1.065 | 1.201 |
| STROKE | 80 | 16.30 | 1.122 | 1.066 | 1.202 |
| STROKE | 80 | 16.40 | 1.123 | 1.066 | 1.203 |
| STROKE | 80 | 16.50 | 1.124 | 1.067 | 1.204 |
| STROKE | 80 | 16.60 | 1.125 | 1.068 | 1.205 |
| STROKE | 80 | 16.70 | 1.125 | 1.068 | 1.205 |
| STROKE | 80 | 16.80 | 1.126 | 1.069 | 1.206 |
| STROKE | 80 | 16.90 | 1.127 | 1.069 | 1.207 |
| STROKE | 80 | 17.00 | 1.128 | 1.07  | 1.208 |
| STROKE | 80 | 17.10 | 1.129 | 1.07  | 1.209 |
| STROKE | 80 | 17.20 | 1.13  | 1.071 | 1.209 |
| STROKE | 80 | 17.30 | 1.13  | 1.072 | 1.21  |
| STROKE | 80 | 17.40 | 1.131 | 1.072 | 1.211 |
| STROKE | 80 | 17.50 | 1.132 | 1.073 | 1.212 |
| STROKE | 80 | 17.60 | 1.133 | 1.074 | 1.213 |
| STROKE | 80 | 17.70 | 1.134 | 1.074 | 1.214 |
| STROKE | 80 | 17.80 | 1.134 | 1.075 | 1.214 |
| STROKE | 80 | 17.90 | 1.135 | 1.075 | 1.215 |
| STROKE | 80 | 18.00 | 1.136 | 1.076 | 1.216 |
| STROKE | 80 | 18.10 | 1.137 | 1.077 | 1.217 |
| STROKE | 80 | 18.20 | 1.138 | 1.077 | 1.218 |
| STROKE | 80 | 18.30 | 1.138 | 1.078 | 1.218 |
| STROKE | 80 | 18.40 | 1.139 | 1.079 | 1.219 |
| STROKE | 80 | 18.50 | 1.14  | 1.079 | 1.22  |
| STROKE | 80 | 18.60 | 1.141 | 1.08  | 1.221 |
| STROKE | 80 | 18.70 | 1.142 | 1.081 | 1.221 |
| STROKE | 80 | 18.80 | 1.142 | 1.081 | 1.222 |
| STROKE | 80 | 18.90 | 1.143 | 1.082 | 1.223 |
| STROKE | 80 | 19.00 | 1.144 | 1.083 | 1.224 |
| STROKE | 80 | 19.10 | 1.145 | 1.083 | 1.225 |
| STROKE | 80 | 19.20 | 1.146 | 1.084 | 1.226 |
| STROKE | 80 | 19.30 | 1.146 | 1.085 | 1.226 |
| STROKE | 80 | 19.40 | 1.147 | 1.085 | 1.227 |
| STROKE | 80 | 19.50 | 1.148 | 1.086 | 1.228 |
| STROKE | 80 | 19.60 | 1.149 | 1.087 | 1.229 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 19.70 | 1.15  | 1.087 | 1.23  |
| STROKE | 80 | 19.80 | 1.15  | 1.088 | 1.231 |
| STROKE | 80 | 19.90 | 1.151 | 1.089 | 1.231 |
| STROKE | 80 | 20.00 | 1.152 | 1.089 | 1.232 |
| STROKE | 80 | 20.10 | 1.153 | 1.09  | 1.233 |
| STROKE | 80 | 20.20 | 1.154 | 1.091 | 1.234 |
| STROKE | 80 | 20.30 | 1.154 | 1.091 | 1.235 |
| STROKE | 80 | 20.40 | 1.155 | 1.092 | 1.236 |
| STROKE | 80 | 20.50 | 1.156 | 1.092 | 1.237 |
| STROKE | 80 | 20.60 | 1.157 | 1.093 | 1.237 |
| STROKE | 80 | 20.70 | 1.157 | 1.094 | 1.238 |
| STROKE | 80 | 20.80 | 1.158 | 1.094 | 1.239 |
| STROKE | 80 | 20.90 | 1.159 | 1.095 | 1.24  |
| STROKE | 80 | 21.00 | 1.16  | 1.095 | 1.241 |
| STROKE | 80 | 21.10 | 1.161 | 1.096 | 1.241 |
| STROKE | 80 | 21.20 | 1.161 | 1.097 | 1.242 |
| STROKE | 80 | 21.30 | 1.162 | 1.097 | 1.243 |
| STROKE | 80 | 21.40 | 1.163 | 1.098 | 1.244 |
| STROKE | 80 | 21.50 | 1.164 | 1.098 | 1.245 |
| STROKE | 80 | 21.60 | 1.164 | 1.099 | 1.245 |
| STROKE | 80 | 21.70 | 1.165 | 1.099 | 1.246 |
| STROKE | 80 | 21.80 | 1.166 | 1.1   | 1.247 |
| STROKE | 80 | 21.90 | 1.167 | 1.101 | 1.248 |
| STROKE | 80 | 22.00 | 1.167 | 1.101 | 1.248 |
| STROKE | 80 | 22.10 | 1.168 | 1.102 | 1.249 |
| STROKE | 80 | 22.20 | 1.169 | 1.102 | 1.25  |
| STROKE | 80 | 22.30 | 1.17  | 1.103 | 1.251 |
| STROKE | 80 | 22.40 | 1.17  | 1.104 | 1.251 |
| STROKE | 80 | 22.50 | 1.171 | 1.104 | 1.252 |
| STROKE | 80 | 22.60 | 1.172 | 1.105 | 1.253 |
| STROKE | 80 | 22.70 | 1.173 | 1.106 | 1.253 |
| STROKE | 80 | 22.80 | 1.174 | 1.106 | 1.254 |
| STROKE | 80 | 22.90 | 1.174 | 1.107 | 1.255 |
| STROKE | 80 | 23.00 | 1.175 | 1.107 | 1.256 |
| STROKE | 80 | 23.10 | 1.176 | 1.108 | 1.256 |
| STROKE | 80 | 23.20 | 1.177 | 1.109 | 1.257 |
| STROKE | 80 | 23.30 | 1.177 | 1.109 | 1.258 |
| STROKE | 80 | 23.40 | 1.178 | 1.11  | 1.259 |
| STROKE | 80 | 23.50 | 1.179 | 1.11  | 1.259 |
| STROKE | 80 | 23.60 | 1.18  | 1.111 | 1.26  |
| STROKE | 80 | 23.70 | 1.18  | 1.112 | 1.261 |
| STROKE | 80 | 23.80 | 1.181 | 1.112 | 1.261 |
| STROKE | 80 | 23.90 | 1.182 | 1.113 | 1.262 |
| STROKE | 80 | 24.00 | 1.183 | 1.113 | 1.263 |
| STROKE | 80 | 24.10 | 1.183 | 1.114 | 1.264 |
| STROKE | 80 | 24.20 | 1.184 | 1.114 | 1.264 |
| STROKE | 80 | 24.30 | 1.185 | 1.115 | 1.265 |
| STROKE | 80 | 24.40 | 1.185 | 1.116 | 1.266 |
| STROKE | 80 | 24.50 | 1.186 | 1.116 | 1.266 |
| STROKE | 80 | 24.60 | 1.187 | 1.117 | 1.267 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 24.70 | 1.188 | 1.117 | 1.268 |
| STROKE | 80 | 24.80 | 1.188 | 1.118 | 1.269 |
| STROKE | 80 | 24.90 | 1.189 | 1.118 | 1.269 |
| STROKE | 80 | 25.00 | 1.19  | 1.119 | 1.27  |
| STROKE | 80 | 25.10 | 1.191 | 1.12  | 1.271 |
| STROKE | 80 | 25.20 | 1.191 | 1.12  | 1.271 |
| STROKE | 80 | 25.30 | 1.192 | 1.121 | 1.272 |
| STROKE | 80 | 25.40 | 1.193 | 1.121 | 1.273 |
| STROKE | 80 | 25.50 | 1.194 | 1.122 | 1.274 |
| STROKE | 80 | 25.60 | 1.194 | 1.122 | 1.274 |
| STROKE | 80 | 25.70 | 1.195 | 1.123 | 1.275 |
| STROKE | 80 | 25.80 | 1.196 | 1.124 | 1.276 |
| STROKE | 80 | 25.90 | 1.196 | 1.124 | 1.276 |
| STROKE | 80 | 26.00 | 1.197 | 1.125 | 1.277 |
| STROKE | 80 | 26.10 | 1.198 | 1.125 | 1.278 |
| STROKE | 80 | 26.20 | 1.199 | 1.126 | 1.279 |
| STROKE | 80 | 26.30 | 1.199 | 1.126 | 1.28  |
| STROKE | 80 | 26.40 | 1.2   | 1.127 | 1.28  |
| STROKE | 80 | 26.50 | 1.201 | 1.128 | 1.281 |
| STROKE | 80 | 26.60 | 1.202 | 1.128 | 1.282 |
| STROKE | 80 | 26.70 | 1.202 | 1.129 | 1.283 |
| STROKE | 80 | 26.80 | 1.203 | 1.129 | 1.283 |
| STROKE | 80 | 26.90 | 1.204 | 1.13  | 1.284 |
| STROKE | 80 | 27.00 | 1.204 | 1.131 | 1.285 |
| STROKE | 80 | 27.10 | 1.205 | 1.131 | 1.286 |
| STROKE | 80 | 27.20 | 1.206 | 1.132 | 1.286 |
| STROKE | 80 | 27.30 | 1.207 | 1.132 | 1.287 |
| STROKE | 80 | 27.40 | 1.207 | 1.133 | 1.288 |
| STROKE | 80 | 27.50 | 1.208 | 1.134 | 1.289 |
| STROKE | 80 | 27.60 | 1.209 | 1.134 | 1.289 |
| STROKE | 80 | 27.70 | 1.209 | 1.135 | 1.29  |
| STROKE | 80 | 27.80 | 1.21  | 1.135 | 1.291 |
| STROKE | 80 | 27.90 | 1.211 | 1.136 | 1.292 |
| STROKE | 80 | 28.00 | 1.212 | 1.136 | 1.292 |
| STROKE | 80 | 28.10 | 1.212 | 1.137 | 1.293 |
| STROKE | 80 | 28.20 | 1.213 | 1.138 | 1.294 |
| STROKE | 80 | 28.30 | 1.214 | 1.138 | 1.295 |
| STROKE | 80 | 28.40 | 1.214 | 1.139 | 1.295 |
| STROKE | 80 | 28.50 | 1.215 | 1.14  | 1.296 |
| STROKE | 80 | 28.60 | 1.216 | 1.14  | 1.297 |
| STROKE | 80 | 28.70 | 1.216 | 1.141 | 1.298 |
| STROKE | 80 | 28.80 | 1.217 | 1.141 | 1.298 |
| STROKE | 80 | 28.90 | 1.218 | 1.142 | 1.299 |
| STROKE | 80 | 29.00 | 1.219 | 1.143 | 1.3   |
| STROKE | 80 | 29.10 | 1.219 | 1.143 | 1.301 |
| STROKE | 80 | 29.20 | 1.22  | 1.144 | 1.302 |
| STROKE | 80 | 29.30 | 1.221 | 1.145 | 1.302 |
| STROKE | 80 | 29.40 | 1.221 | 1.145 | 1.303 |
| STROKE | 80 | 29.50 | 1.222 | 1.146 | 1.304 |
| STROKE | 80 | 29.60 | 1.223 | 1.146 | 1.305 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 29.70 | 1.223 | 1.147 | 1.305 |
| STROKE | 80 | 29.80 | 1.224 | 1.148 | 1.306 |
| STROKE | 80 | 29.90 | 1.225 | 1.148 | 1.307 |
| STROKE | 80 | 30.00 | 1.226 | 1.149 | 1.308 |
| STROKE | 80 | 30.10 | 1.226 | 1.149 | 1.308 |
| STROKE | 80 | 30.20 | 1.227 | 1.15  | 1.309 |
| STROKE | 80 | 30.30 | 1.228 | 1.151 | 1.31  |
| STROKE | 80 | 30.40 | 1.228 | 1.151 | 1.31  |
| STROKE | 80 | 30.50 | 1.229 | 1.152 | 1.311 |
| STROKE | 80 | 30.60 | 1.23  | 1.152 | 1.312 |
| STROKE | 80 | 30.70 | 1.23  | 1.153 | 1.313 |
| STROKE | 80 | 30.80 | 1.231 | 1.154 | 1.313 |
| STROKE | 80 | 30.90 | 1.232 | 1.154 | 1.314 |
| STROKE | 80 | 31.00 | 1.232 | 1.155 | 1.315 |
| STROKE | 80 | 31.10 | 1.233 | 1.155 | 1.316 |
| STROKE | 80 | 31.20 | 1.234 | 1.156 | 1.316 |
| STROKE | 80 | 31.30 | 1.234 | 1.156 | 1.317 |
| STROKE | 80 | 31.40 | 1.235 | 1.157 | 1.318 |
| STROKE | 80 | 31.50 | 1.236 | 1.158 | 1.319 |
| STROKE | 80 | 31.60 | 1.237 | 1.158 | 1.32  |
| STROKE | 80 | 31.70 | 1.237 | 1.159 | 1.321 |
| STROKE | 80 | 31.80 | 1.238 | 1.159 | 1.321 |
| STROKE | 80 | 31.90 | 1.239 | 1.16  | 1.322 |
| STROKE | 80 | 32.00 | 1.239 | 1.16  | 1.323 |
| STROKE | 80 | 32.10 | 1.24  | 1.161 | 1.324 |
| STROKE | 80 | 32.20 | 1.241 | 1.161 | 1.324 |
| STROKE | 80 | 32.30 | 1.241 | 1.162 | 1.325 |
| STROKE | 80 | 32.40 | 1.242 | 1.163 | 1.326 |
| STROKE | 80 | 32.50 | 1.243 | 1.163 | 1.326 |
| STROKE | 80 | 32.60 | 1.243 | 1.164 | 1.327 |
| STROKE | 80 | 32.70 | 1.244 | 1.164 | 1.327 |
| STROKE | 80 | 32.80 | 1.245 | 1.165 | 1.328 |
| STROKE | 80 | 32.90 | 1.245 | 1.165 | 1.329 |
| STROKE | 80 | 33.00 | 1.246 | 1.166 | 1.329 |
| STROKE | 80 | 33.10 | 1.247 | 1.167 | 1.33  |
| STROKE | 80 | 33.20 | 1.247 | 1.167 | 1.331 |
| STROKE | 80 | 33.30 | 1.248 | 1.168 | 1.331 |
| STROKE | 80 | 33.40 | 1.249 | 1.168 | 1.332 |
| STROKE | 80 | 33.50 | 1.249 | 1.169 | 1.333 |
| STROKE | 80 | 33.60 | 1.25  | 1.17  | 1.333 |
| STROKE | 80 | 33.70 | 1.251 | 1.17  | 1.334 |
| STROKE | 80 | 33.80 | 1.251 | 1.171 | 1.335 |
| STROKE | 80 | 33.90 | 1.252 | 1.171 | 1.335 |
| STROKE | 80 | 34.00 | 1.253 | 1.172 | 1.336 |
| STROKE | 80 | 34.10 | 1.253 | 1.172 | 1.337 |
| STROKE | 80 | 34.20 | 1.254 | 1.173 | 1.337 |
| STROKE | 80 | 34.30 | 1.255 | 1.174 | 1.338 |
| STROKE | 80 | 34.40 | 1.255 | 1.174 | 1.339 |
| STROKE | 80 | 34.50 | 1.256 | 1.175 | 1.34  |
| STROKE | 80 | 34.60 | 1.257 | 1.176 | 1.34  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 34.70 | 1.257 | 1.176 | 1.341 |
| STROKE | 80 | 34.80 | 1.258 | 1.177 | 1.342 |
| STROKE | 80 | 34.90 | 1.258 | 1.177 | 1.342 |
| STROKE | 80 | 35.00 | 1.259 | 1.178 | 1.343 |
| STROKE | 80 | 35.10 | 1.26  | 1.179 | 1.344 |
| STROKE | 80 | 35.20 | 1.26  | 1.179 | 1.345 |
| STROKE | 80 | 35.30 | 1.261 | 1.18  | 1.345 |
| STROKE | 80 | 35.40 | 1.262 | 1.18  | 1.346 |
| STROKE | 80 | 35.50 | 1.262 | 1.181 | 1.347 |
| STROKE | 80 | 35.60 | 1.263 | 1.181 | 1.347 |
| STROKE | 80 | 35.70 | 1.264 | 1.182 | 1.348 |
| STROKE | 80 | 35.80 | 1.264 | 1.183 | 1.349 |
| STROKE | 80 | 35.90 | 1.265 | 1.183 | 1.35  |
| STROKE | 80 | 36.00 | 1.266 | 1.184 | 1.35  |
| STROKE | 80 | 36.10 | 1.266 | 1.184 | 1.351 |
| STROKE | 80 | 36.20 | 1.267 | 1.185 | 1.352 |
| STROKE | 80 | 36.30 | 1.268 | 1.185 | 1.352 |
| STROKE | 80 | 36.40 | 1.268 | 1.186 | 1.353 |
| STROKE | 80 | 36.50 | 1.269 | 1.186 | 1.354 |
| STROKE | 80 | 36.60 | 1.269 | 1.187 | 1.355 |
| STROKE | 80 | 36.70 | 1.27  | 1.188 | 1.355 |
| STROKE | 80 | 36.80 | 1.271 | 1.188 | 1.356 |
| STROKE | 80 | 36.90 | 1.271 | 1.189 | 1.357 |
| STROKE | 80 | 37.00 | 1.272 | 1.189 | 1.357 |
| STROKE | 80 | 37.10 | 1.273 | 1.19  | 1.358 |
| STROKE | 80 | 37.20 | 1.273 | 1.19  | 1.359 |
| STROKE | 80 | 37.30 | 1.274 | 1.191 | 1.359 |
| STROKE | 80 | 37.40 | 1.275 | 1.191 | 1.36  |
| STROKE | 80 | 37.50 | 1.275 | 1.192 | 1.361 |
| STROKE | 80 | 37.60 | 1.276 | 1.192 | 1.361 |
| STROKE | 80 | 37.70 | 1.276 | 1.193 | 1.362 |
| STROKE | 80 | 37.80 | 1.277 | 1.193 | 1.362 |
| STROKE | 80 | 37.90 | 1.278 | 1.194 | 1.363 |
| STROKE | 80 | 38.00 | 1.278 | 1.194 | 1.364 |
| STROKE | 80 | 38.10 | 1.279 | 1.195 | 1.364 |
| STROKE | 80 | 38.20 | 1.28  | 1.195 | 1.365 |
| STROKE | 80 | 38.30 | 1.28  | 1.196 | 1.366 |
| STROKE | 80 | 38.40 | 1.281 | 1.197 | 1.367 |
| STROKE | 80 | 38.50 | 1.281 | 1.197 | 1.367 |
| STROKE | 80 | 38.60 | 1.282 | 1.198 | 1.368 |
| STROKE | 80 | 38.70 | 1.283 | 1.198 | 1.369 |
| STROKE | 80 | 38.80 | 1.283 | 1.199 | 1.369 |
| STROKE | 80 | 38.90 | 1.284 | 1.199 | 1.37  |
| STROKE | 80 | 39.00 | 1.285 | 1.2   | 1.371 |
| STROKE | 80 | 39.10 | 1.285 | 1.201 | 1.371 |
| STROKE | 80 | 39.20 | 1.286 | 1.201 | 1.372 |
| STROKE | 80 | 39.30 | 1.286 | 1.202 | 1.373 |
| STROKE | 80 | 39.40 | 1.287 | 1.202 | 1.373 |
| STROKE | 80 | 39.50 | 1.288 | 1.203 | 1.374 |
| STROKE | 80 | 39.60 | 1.288 | 1.203 | 1.375 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 39.70 | 1.289 | 1.204 | 1.375 |
| STROKE | 80 | 39.80 | 1.289 | 1.204 | 1.376 |
| STROKE | 80 | 39.90 | 1.29  | 1.205 | 1.377 |
| STROKE | 80 | 40.00 | 1.291 | 1.205 | 1.377 |
| STROKE | 80 | 40.10 | 1.291 | 1.206 | 1.378 |
| STROKE | 80 | 40.20 | 1.292 | 1.206 | 1.379 |
| STROKE | 80 | 40.30 | 1.293 | 1.207 | 1.379 |
| STROKE | 80 | 40.40 | 1.293 | 1.207 | 1.38  |
| STROKE | 80 | 40.50 | 1.294 | 1.208 | 1.381 |
| STROKE | 80 | 40.60 | 1.294 | 1.208 | 1.381 |
| STROKE | 80 | 40.70 | 1.295 | 1.209 | 1.382 |
| STROKE | 80 | 40.80 | 1.296 | 1.209 | 1.383 |
| STROKE | 80 | 40.90 | 1.296 | 1.21  | 1.383 |
| STROKE | 80 | 41.00 | 1.297 | 1.21  | 1.384 |
| STROKE | 80 | 41.10 | 1.297 | 1.211 | 1.385 |
| STROKE | 80 | 41.20 | 1.298 | 1.211 | 1.386 |
| STROKE | 80 | 41.30 | 1.299 | 1.212 | 1.387 |
| STROKE | 80 | 41.40 | 1.299 | 1.212 | 1.388 |
| STROKE | 80 | 41.50 | 1.3   | 1.213 | 1.389 |
| STROKE | 80 | 41.60 | 1.3   | 1.213 | 1.39  |
| STROKE | 80 | 41.70 | 1.301 | 1.213 | 1.39  |
| STROKE | 80 | 41.80 | 1.302 | 1.214 | 1.391 |
| STROKE | 80 | 41.90 | 1.302 | 1.214 | 1.392 |
| STROKE | 80 | 42.00 | 1.303 | 1.215 | 1.393 |
| STROKE | 80 | 42.10 | 1.303 | 1.215 | 1.394 |
| STROKE | 80 | 42.20 | 1.304 | 1.216 | 1.395 |
| STROKE | 80 | 42.30 | 1.305 | 1.216 | 1.396 |
| STROKE | 80 | 42.40 | 1.305 | 1.217 | 1.396 |
| STROKE | 80 | 42.50 | 1.306 | 1.217 | 1.397 |
| STROKE | 80 | 42.60 | 1.306 | 1.218 | 1.398 |
| STROKE | 80 | 42.70 | 1.307 | 1.219 | 1.399 |
| STROKE | 80 | 42.80 | 1.307 | 1.219 | 1.4   |
| STROKE | 80 | 42.90 | 1.308 | 1.22  | 1.4   |
| STROKE | 80 | 43.00 | 1.309 | 1.22  | 1.401 |
| STROKE | 80 | 43.10 | 1.309 | 1.221 | 1.402 |
| STROKE | 80 | 43.20 | 1.31  | 1.221 | 1.402 |
| STROKE | 80 | 43.30 | 1.31  | 1.222 | 1.403 |
| STROKE | 80 | 43.40 | 1.311 | 1.222 | 1.404 |
| STROKE | 80 | 43.50 | 1.312 | 1.223 | 1.404 |
| STROKE | 80 | 43.60 | 1.312 | 1.223 | 1.405 |
| STROKE | 80 | 43.70 | 1.313 | 1.224 | 1.406 |
| STROKE | 80 | 43.80 | 1.313 | 1.224 | 1.406 |
| STROKE | 80 | 43.90 | 1.314 | 1.225 | 1.407 |
| STROKE | 80 | 44.00 | 1.315 | 1.225 | 1.408 |
| STROKE | 80 | 44.10 | 1.315 | 1.226 | 1.408 |
| STROKE | 80 | 44.20 | 1.316 | 1.226 | 1.409 |
| STROKE | 80 | 44.30 | 1.316 | 1.227 | 1.409 |
| STROKE | 80 | 44.40 | 1.317 | 1.227 | 1.41  |
| STROKE | 80 | 44.50 | 1.317 | 1.228 | 1.41  |
| STROKE | 80 | 44.60 | 1.318 | 1.228 | 1.411 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 44.70 | 1.319 | 1.229 | 1.412 |
| STROKE | 80 | 44.80 | 1.319 | 1.229 | 1.412 |
| STROKE | 80 | 44.90 | 1.32  | 1.23  | 1.413 |
| STROKE | 80 | 45.00 | 1.32  | 1.23  | 1.413 |
| STROKE | 80 | 45.10 | 1.321 | 1.231 | 1.414 |
| STROKE | 80 | 45.20 | 1.321 | 1.231 | 1.414 |
| STROKE | 80 | 45.30 | 1.322 | 1.232 | 1.415 |
| STROKE | 80 | 45.40 | 1.323 | 1.232 | 1.416 |
| STROKE | 80 | 45.50 | 1.323 | 1.233 | 1.416 |
| STROKE | 80 | 45.60 | 1.324 | 1.233 | 1.417 |
| STROKE | 80 | 45.70 | 1.324 | 1.234 | 1.418 |
| STROKE | 80 | 45.80 | 1.325 | 1.234 | 1.418 |
| STROKE | 80 | 45.90 | 1.325 | 1.235 | 1.419 |
| STROKE | 80 | 46.00 | 1.326 | 1.235 | 1.42  |
| STROKE | 80 | 46.10 | 1.326 | 1.236 | 1.42  |
| STROKE | 80 | 46.20 | 1.327 | 1.236 | 1.421 |
| STROKE | 80 | 46.30 | 1.328 | 1.237 | 1.422 |
| STROKE | 80 | 46.40 | 1.328 | 1.237 | 1.423 |
| STROKE | 80 | 46.50 | 1.329 | 1.238 | 1.423 |
| STROKE | 80 | 46.60 | 1.329 | 1.238 | 1.424 |
| STROKE | 80 | 46.70 | 1.33  | 1.239 | 1.425 |
| STROKE | 80 | 46.80 | 1.33  | 1.239 | 1.426 |
| STROKE | 80 | 46.90 | 1.331 | 1.24  | 1.427 |
| STROKE | 80 | 47.00 | 1.331 | 1.24  | 1.427 |
| STROKE | 80 | 47.10 | 1.332 | 1.24  | 1.428 |
| STROKE | 80 | 47.20 | 1.333 | 1.241 | 1.429 |
| STROKE | 80 | 47.30 | 1.333 | 1.241 | 1.429 |
| STROKE | 80 | 47.40 | 1.334 | 1.242 | 1.43  |
| STROKE | 80 | 47.50 | 1.334 | 1.242 | 1.431 |
| STROKE | 80 | 47.60 | 1.335 | 1.242 | 1.431 |
| STROKE | 80 | 47.70 | 1.335 | 1.243 | 1.432 |
| STROKE | 80 | 47.80 | 1.336 | 1.243 | 1.433 |
| STROKE | 80 | 47.90 | 1.336 | 1.244 | 1.433 |
| STROKE | 80 | 48.00 | 1.337 | 1.244 | 1.434 |
| STROKE | 80 | 48.10 | 1.338 | 1.244 | 1.435 |
| STROKE | 80 | 48.20 | 1.338 | 1.245 | 1.435 |
| STROKE | 80 | 48.30 | 1.339 | 1.245 | 1.436 |
| STROKE | 80 | 48.40 | 1.339 | 1.246 | 1.437 |
| STROKE | 80 | 48.50 | 1.34  | 1.246 | 1.438 |
| STROKE | 80 | 48.60 | 1.34  | 1.247 | 1.438 |
| STROKE | 80 | 48.70 | 1.341 | 1.247 | 1.439 |
| STROKE | 80 | 48.80 | 1.341 | 1.248 | 1.44  |
| STROKE | 80 | 48.90 | 1.342 | 1.248 | 1.441 |
| STROKE | 80 | 49.00 | 1.342 | 1.249 | 1.441 |
| STROKE | 80 | 49.10 | 1.343 | 1.249 | 1.442 |
| STROKE | 80 | 49.20 | 1.343 | 1.25  | 1.443 |
| STROKE | 80 | 49.30 | 1.344 | 1.25  | 1.443 |
| STROKE | 80 | 49.40 | 1.345 | 1.25  | 1.444 |
| STROKE | 80 | 49.50 | 1.345 | 1.251 | 1.444 |
| STROKE | 80 | 49.60 | 1.346 | 1.251 | 1.445 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 80 | 49.70 | 1.346 | 1.252 | 1.445 |
| STROKE | 80 | 49.80 | 1.347 | 1.252 | 1.446 |
| STROKE | 80 | 49.90 | 1.347 | 1.253 | 1.446 |
| STROKE | 85 | 0.00  | 1     | 1     | 1     |
| STROKE | 85 | 0.10  | 1     | 1     | 1     |
| STROKE | 85 | 0.20  | 1     | 1     | 1     |
| STROKE | 85 | 0.30  | 1     | 1     | 1     |
| STROKE | 85 | 0.40  | 1     | 1     | 1     |
| STROKE | 85 | 0.50  | 1     | 1     | 1     |
| STROKE | 85 | 0.60  | 1     | 1     | 1     |
| STROKE | 85 | 0.70  | 1     | 1     | 1     |
| STROKE | 85 | 0.80  | 1     | 1     | 1     |
| STROKE | 85 | 0.90  | 1     | 1     | 1     |
| STROKE | 85 | 1.00  | 1     | 1     | 1     |
| STROKE | 85 | 1.10  | 1     | 1     | 1     |
| STROKE | 85 | 1.20  | 1     | 1     | 1     |
| STROKE | 85 | 1.30  | 1     | 1     | 1.001 |
| STROKE | 85 | 1.40  | 1     | 1     | 1.003 |
| STROKE | 85 | 1.50  | 1     | 1     | 1.004 |
| STROKE | 85 | 1.60  | 1     | 1     | 1.005 |
| STROKE | 85 | 1.70  | 1     | 1     | 1.007 |
| STROKE | 85 | 1.80  | 1.001 | 1     | 1.008 |
| STROKE | 85 | 1.90  | 1.001 | 1     | 1.009 |
| STROKE | 85 | 2.00  | 1.001 | 1     | 1.011 |
| STROKE | 85 | 2.10  | 1.001 | 1     | 1.012 |
| STROKE | 85 | 2.20  | 1.001 | 1     | 1.013 |
| STROKE | 85 | 2.30  | 1.002 | 1     | 1.014 |
| STROKE | 85 | 2.40  | 1.002 | 1     | 1.016 |
| STROKE | 85 | 2.50  | 1.002 | 1     | 1.017 |
| STROKE | 85 | 2.60  | 1.003 | 1     | 1.018 |
| STROKE | 85 | 2.70  | 1.003 | 1     | 1.02  |
| STROKE | 85 | 2.80  | 1.004 | 1     | 1.021 |
| STROKE | 85 | 2.90  | 1.004 | 1     | 1.022 |
| STROKE | 85 | 3.00  | 1.005 | 1     | 1.024 |
| STROKE | 85 | 3.10  | 1.005 | 1     | 1.025 |
| STROKE | 85 | 3.20  | 1.006 | 1     | 1.026 |
| STROKE | 85 | 3.30  | 1.007 | 1     | 1.028 |
| STROKE | 85 | 3.40  | 1.007 | 1     | 1.029 |
| STROKE | 85 | 3.50  | 1.008 | 1     | 1.03  |
| STROKE | 85 | 3.60  | 1.009 | 1     | 1.031 |
| STROKE | 85 | 3.70  | 1.009 | 1     | 1.032 |
| STROKE | 85 | 3.80  | 1.01  | 1     | 1.034 |
| STROKE | 85 | 3.90  | 1.011 | 1     | 1.035 |
| STROKE | 85 | 4.00  | 1.011 | 1     | 1.036 |
| STROKE | 85 | 4.10  | 1.012 | 1     | 1.037 |
| STROKE | 85 | 4.20  | 1.013 | 1     | 1.039 |
| STROKE | 85 | 4.30  | 1.013 | 1     | 1.04  |
| STROKE | 85 | 4.40  | 1.014 | 1     | 1.041 |
| STROKE | 85 | 4.50  | 1.015 | 1     | 1.043 |
| STROKE | 85 | 4.60  | 1.016 | 1     | 1.044 |

|        |    |      |       |       |       |
|--------|----|------|-------|-------|-------|
| STROKE | 85 | 4.70 | 1.017 | 1     | 1.045 |
| STROKE | 85 | 4.80 | 1.017 | 1     | 1.047 |
| STROKE | 85 | 4.90 | 1.018 | 1     | 1.048 |
| STROKE | 85 | 5.00 | 1.019 | 1     | 1.049 |
| STROKE | 85 | 5.10 | 1.02  | 1     | 1.051 |
| STROKE | 85 | 5.20 | 1.02  | 1     | 1.052 |
| STROKE | 85 | 5.30 | 1.021 | 1.001 | 1.053 |
| STROKE | 85 | 5.40 | 1.022 | 1.001 | 1.054 |
| STROKE | 85 | 5.50 | 1.023 | 1.002 | 1.055 |
| STROKE | 85 | 5.60 | 1.024 | 1.002 | 1.056 |
| STROKE | 85 | 5.70 | 1.024 | 1.003 | 1.058 |
| STROKE | 85 | 5.80 | 1.025 | 1.004 | 1.059 |
| STROKE | 85 | 5.90 | 1.026 | 1.004 | 1.06  |
| STROKE | 85 | 6.00 | 1.027 | 1.005 | 1.061 |
| STROKE | 85 | 6.10 | 1.028 | 1.005 | 1.062 |
| STROKE | 85 | 6.20 | 1.028 | 1.006 | 1.064 |
| STROKE | 85 | 6.30 | 1.029 | 1.006 | 1.065 |
| STROKE | 85 | 6.40 | 1.03  | 1.007 | 1.066 |
| STROKE | 85 | 6.50 | 1.031 | 1.007 | 1.067 |
| STROKE | 85 | 6.60 | 1.032 | 1.008 | 1.068 |
| STROKE | 85 | 6.70 | 1.032 | 1.008 | 1.069 |
| STROKE | 85 | 6.80 | 1.033 | 1.009 | 1.07  |
| STROKE | 85 | 6.90 | 1.034 | 1.009 | 1.071 |
| STROKE | 85 | 7.00 | 1.035 | 1.01  | 1.073 |
| STROKE | 85 | 7.10 | 1.035 | 1.011 | 1.074 |
| STROKE | 85 | 7.20 | 1.036 | 1.011 | 1.075 |
| STROKE | 85 | 7.30 | 1.037 | 1.012 | 1.076 |
| STROKE | 85 | 7.40 | 1.038 | 1.012 | 1.077 |
| STROKE | 85 | 7.50 | 1.039 | 1.013 | 1.079 |
| STROKE | 85 | 7.60 | 1.039 | 1.013 | 1.08  |
| STROKE | 85 | 7.70 | 1.04  | 1.014 | 1.081 |
| STROKE | 85 | 7.80 | 1.041 | 1.015 | 1.082 |
| STROKE | 85 | 7.90 | 1.042 | 1.015 | 1.083 |
| STROKE | 85 | 8.00 | 1.042 | 1.016 | 1.084 |
| STROKE | 85 | 8.10 | 1.043 | 1.016 | 1.085 |
| STROKE | 85 | 8.20 | 1.044 | 1.017 | 1.086 |
| STROKE | 85 | 8.30 | 1.045 | 1.017 | 1.087 |
| STROKE | 85 | 8.40 | 1.045 | 1.018 | 1.089 |
| STROKE | 85 | 8.50 | 1.046 | 1.018 | 1.09  |
| STROKE | 85 | 8.60 | 1.047 | 1.019 | 1.091 |
| STROKE | 85 | 8.70 | 1.048 | 1.02  | 1.092 |
| STROKE | 85 | 8.80 | 1.049 | 1.02  | 1.093 |
| STROKE | 85 | 8.90 | 1.049 | 1.021 | 1.094 |
| STROKE | 85 | 9.00 | 1.05  | 1.021 | 1.095 |
| STROKE | 85 | 9.10 | 1.051 | 1.022 | 1.096 |
| STROKE | 85 | 9.20 | 1.052 | 1.022 | 1.097 |
| STROKE | 85 | 9.30 | 1.052 | 1.023 | 1.098 |
| STROKE | 85 | 9.40 | 1.053 | 1.023 | 1.099 |
| STROKE | 85 | 9.50 | 1.054 | 1.024 | 1.1   |
| STROKE | 85 | 9.60 | 1.055 | 1.024 | 1.101 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 9.70  | 1.055 | 1.025 | 1.102 |
| STROKE | 85 | 9.80  | 1.056 | 1.026 | 1.103 |
| STROKE | 85 | 9.90  | 1.057 | 1.026 | 1.105 |
| STROKE | 85 | 10.00 | 1.058 | 1.027 | 1.106 |
| STROKE | 85 | 10.10 | 1.058 | 1.027 | 1.106 |
| STROKE | 85 | 10.20 | 1.059 | 1.028 | 1.107 |
| STROKE | 85 | 10.30 | 1.06  | 1.028 | 1.108 |
| STROKE | 85 | 10.40 | 1.061 | 1.029 | 1.109 |
| STROKE | 85 | 10.50 | 1.061 | 1.029 | 1.11  |
| STROKE | 85 | 10.60 | 1.062 | 1.03  | 1.111 |
| STROKE | 85 | 10.70 | 1.063 | 1.03  | 1.112 |
| STROKE | 85 | 10.80 | 1.063 | 1.031 | 1.113 |
| STROKE | 85 | 10.90 | 1.064 | 1.031 | 1.114 |
| STROKE | 85 | 11.00 | 1.065 | 1.032 | 1.115 |
| STROKE | 85 | 11.10 | 1.066 | 1.032 | 1.116 |
| STROKE | 85 | 11.20 | 1.066 | 1.033 | 1.117 |
| STROKE | 85 | 11.30 | 1.067 | 1.034 | 1.118 |
| STROKE | 85 | 11.40 | 1.068 | 1.034 | 1.119 |
| STROKE | 85 | 11.50 | 1.069 | 1.035 | 1.12  |
| STROKE | 85 | 11.60 | 1.069 | 1.035 | 1.121 |
| STROKE | 85 | 11.70 | 1.07  | 1.036 | 1.122 |
| STROKE | 85 | 11.80 | 1.071 | 1.036 | 1.123 |
| STROKE | 85 | 11.90 | 1.071 | 1.037 | 1.124 |
| STROKE | 85 | 12.00 | 1.072 | 1.037 | 1.125 |
| STROKE | 85 | 12.10 | 1.073 | 1.038 | 1.126 |
| STROKE | 85 | 12.20 | 1.074 | 1.038 | 1.127 |
| STROKE | 85 | 12.30 | 1.074 | 1.039 | 1.128 |
| STROKE | 85 | 12.40 | 1.075 | 1.039 | 1.129 |
| STROKE | 85 | 12.50 | 1.076 | 1.04  | 1.13  |
| STROKE | 85 | 12.60 | 1.077 | 1.04  | 1.13  |
| STROKE | 85 | 12.70 | 1.077 | 1.041 | 1.131 |
| STROKE | 85 | 12.80 | 1.078 | 1.041 | 1.132 |
| STROKE | 85 | 12.90 | 1.079 | 1.042 | 1.133 |
| STROKE | 85 | 13.00 | 1.079 | 1.043 | 1.134 |
| STROKE | 85 | 13.10 | 1.08  | 1.043 | 1.135 |
| STROKE | 85 | 13.20 | 1.081 | 1.044 | 1.136 |
| STROKE | 85 | 13.30 | 1.082 | 1.044 | 1.137 |
| STROKE | 85 | 13.40 | 1.082 | 1.045 | 1.138 |
| STROKE | 85 | 13.50 | 1.083 | 1.045 | 1.139 |
| STROKE | 85 | 13.60 | 1.084 | 1.046 | 1.14  |
| STROKE | 85 | 13.70 | 1.084 | 1.046 | 1.141 |
| STROKE | 85 | 13.80 | 1.085 | 1.047 | 1.142 |
| STROKE | 85 | 13.90 | 1.086 | 1.047 | 1.143 |
| STROKE | 85 | 14.00 | 1.086 | 1.048 | 1.144 |
| STROKE | 85 | 14.10 | 1.087 | 1.048 | 1.145 |
| STROKE | 85 | 14.20 | 1.088 | 1.049 | 1.145 |
| STROKE | 85 | 14.30 | 1.089 | 1.05  | 1.146 |
| STROKE | 85 | 14.40 | 1.089 | 1.05  | 1.147 |
| STROKE | 85 | 14.50 | 1.09  | 1.051 | 1.148 |
| STROKE | 85 | 14.60 | 1.091 | 1.051 | 1.149 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 14.70 | 1.091 | 1.052 | 1.15  |
| STROKE | 85 | 14.80 | 1.092 | 1.052 | 1.151 |
| STROKE | 85 | 14.90 | 1.093 | 1.053 | 1.152 |
| STROKE | 85 | 15.00 | 1.093 | 1.053 | 1.153 |
| STROKE | 85 | 15.10 | 1.094 | 1.054 | 1.153 |
| STROKE | 85 | 15.20 | 1.095 | 1.055 | 1.154 |
| STROKE | 85 | 15.30 | 1.095 | 1.055 | 1.155 |
| STROKE | 85 | 15.40 | 1.096 | 1.056 | 1.156 |
| STROKE | 85 | 15.50 | 1.097 | 1.056 | 1.157 |
| STROKE | 85 | 15.60 | 1.098 | 1.057 | 1.158 |
| STROKE | 85 | 15.70 | 1.098 | 1.057 | 1.158 |
| STROKE | 85 | 15.80 | 1.099 | 1.058 | 1.159 |
| STROKE | 85 | 15.90 | 1.1   | 1.058 | 1.16  |
| STROKE | 85 | 16.00 | 1.1   | 1.059 | 1.161 |
| STROKE | 85 | 16.10 | 1.101 | 1.06  | 1.162 |
| STROKE | 85 | 16.20 | 1.102 | 1.06  | 1.163 |
| STROKE | 85 | 16.30 | 1.102 | 1.061 | 1.163 |
| STROKE | 85 | 16.40 | 1.103 | 1.061 | 1.164 |
| STROKE | 85 | 16.50 | 1.104 | 1.062 | 1.165 |
| STROKE | 85 | 16.60 | 1.104 | 1.062 | 1.166 |
| STROKE | 85 | 16.70 | 1.105 | 1.063 | 1.167 |
| STROKE | 85 | 16.80 | 1.106 | 1.063 | 1.168 |
| STROKE | 85 | 16.90 | 1.106 | 1.064 | 1.168 |
| STROKE | 85 | 17.00 | 1.107 | 1.064 | 1.169 |
| STROKE | 85 | 17.10 | 1.108 | 1.065 | 1.17  |
| STROKE | 85 | 17.20 | 1.108 | 1.065 | 1.171 |
| STROKE | 85 | 17.30 | 1.109 | 1.066 | 1.172 |
| STROKE | 85 | 17.40 | 1.11  | 1.066 | 1.172 |
| STROKE | 85 | 17.50 | 1.11  | 1.067 | 1.173 |
| STROKE | 85 | 17.60 | 1.111 | 1.067 | 1.174 |
| STROKE | 85 | 17.70 | 1.112 | 1.068 | 1.175 |
| STROKE | 85 | 17.80 | 1.112 | 1.069 | 1.176 |
| STROKE | 85 | 17.90 | 1.113 | 1.069 | 1.176 |
| STROKE | 85 | 18.00 | 1.114 | 1.07  | 1.177 |
| STROKE | 85 | 18.10 | 1.114 | 1.07  | 1.178 |
| STROKE | 85 | 18.20 | 1.115 | 1.071 | 1.179 |
| STROKE | 85 | 18.30 | 1.116 | 1.071 | 1.179 |
| STROKE | 85 | 18.40 | 1.116 | 1.072 | 1.18  |
| STROKE | 85 | 18.50 | 1.117 | 1.072 | 1.181 |
| STROKE | 85 | 18.60 | 1.118 | 1.073 | 1.182 |
| STROKE | 85 | 18.70 | 1.118 | 1.073 | 1.182 |
| STROKE | 85 | 18.80 | 1.119 | 1.074 | 1.183 |
| STROKE | 85 | 18.90 | 1.12  | 1.074 | 1.184 |
| STROKE | 85 | 19.00 | 1.12  | 1.075 | 1.185 |
| STROKE | 85 | 19.10 | 1.121 | 1.075 | 1.185 |
| STROKE | 85 | 19.20 | 1.122 | 1.076 | 1.186 |
| STROKE | 85 | 19.30 | 1.122 | 1.076 | 1.186 |
| STROKE | 85 | 19.40 | 1.123 | 1.077 | 1.187 |
| STROKE | 85 | 19.50 | 1.124 | 1.077 | 1.188 |
| STROKE | 85 | 19.60 | 1.124 | 1.078 | 1.188 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 19.70 | 1.125 | 1.078 | 1.189 |
| STROKE | 85 | 19.80 | 1.125 | 1.079 | 1.19  |
| STROKE | 85 | 19.90 | 1.126 | 1.079 | 1.19  |
| STROKE | 85 | 20.00 | 1.127 | 1.08  | 1.191 |
| STROKE | 85 | 20.10 | 1.127 | 1.08  | 1.191 |
| STROKE | 85 | 20.20 | 1.128 | 1.081 | 1.192 |
| STROKE | 85 | 20.30 | 1.129 | 1.081 | 1.192 |
| STROKE | 85 | 20.40 | 1.129 | 1.082 | 1.193 |
| STROKE | 85 | 20.50 | 1.13  | 1.082 | 1.193 |
| STROKE | 85 | 20.60 | 1.131 | 1.083 | 1.194 |
| STROKE | 85 | 20.70 | 1.131 | 1.084 | 1.194 |
| STROKE | 85 | 20.80 | 1.132 | 1.084 | 1.195 |
| STROKE | 85 | 20.90 | 1.133 | 1.085 | 1.195 |
| STROKE | 85 | 21.00 | 1.133 | 1.085 | 1.196 |
| STROKE | 85 | 21.10 | 1.134 | 1.086 | 1.196 |
| STROKE | 85 | 21.20 | 1.134 | 1.086 | 1.197 |
| STROKE | 85 | 21.30 | 1.135 | 1.087 | 1.197 |
| STROKE | 85 | 21.40 | 1.136 | 1.087 | 1.198 |
| STROKE | 85 | 21.50 | 1.136 | 1.088 | 1.198 |
| STROKE | 85 | 21.60 | 1.137 | 1.088 | 1.199 |
| STROKE | 85 | 21.70 | 1.138 | 1.089 | 1.199 |
| STROKE | 85 | 21.80 | 1.138 | 1.089 | 1.2   |
| STROKE | 85 | 21.90 | 1.139 | 1.09  | 1.2   |
| STROKE | 85 | 22.00 | 1.139 | 1.09  | 1.201 |
| STROKE | 85 | 22.10 | 1.14  | 1.091 | 1.202 |
| STROKE | 85 | 22.20 | 1.141 | 1.092 | 1.202 |
| STROKE | 85 | 22.30 | 1.141 | 1.092 | 1.203 |
| STROKE | 85 | 22.40 | 1.142 | 1.093 | 1.204 |
| STROKE | 85 | 22.50 | 1.143 | 1.093 | 1.205 |
| STROKE | 85 | 22.60 | 1.143 | 1.094 | 1.205 |
| STROKE | 85 | 22.70 | 1.144 | 1.094 | 1.206 |
| STROKE | 85 | 22.80 | 1.144 | 1.095 | 1.207 |
| STROKE | 85 | 22.90 | 1.145 | 1.095 | 1.208 |
| STROKE | 85 | 23.00 | 1.146 | 1.096 | 1.209 |
| STROKE | 85 | 23.10 | 1.146 | 1.096 | 1.209 |
| STROKE | 85 | 23.20 | 1.147 | 1.097 | 1.21  |
| STROKE | 85 | 23.30 | 1.148 | 1.097 | 1.21  |
| STROKE | 85 | 23.40 | 1.148 | 1.098 | 1.211 |
| STROKE | 85 | 23.50 | 1.149 | 1.098 | 1.212 |
| STROKE | 85 | 23.60 | 1.149 | 1.099 | 1.212 |
| STROKE | 85 | 23.70 | 1.15  | 1.099 | 1.213 |
| STROKE | 85 | 23.80 | 1.151 | 1.1   | 1.214 |
| STROKE | 85 | 23.90 | 1.151 | 1.101 | 1.214 |
| STROKE | 85 | 24.00 | 1.152 | 1.101 | 1.215 |
| STROKE | 85 | 24.10 | 1.152 | 1.102 | 1.215 |
| STROKE | 85 | 24.20 | 1.153 | 1.102 | 1.216 |
| STROKE | 85 | 24.30 | 1.154 | 1.103 | 1.217 |
| STROKE | 85 | 24.40 | 1.154 | 1.103 | 1.218 |
| STROKE | 85 | 24.50 | 1.155 | 1.104 | 1.218 |
| STROKE | 85 | 24.60 | 1.156 | 1.104 | 1.219 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 24.70 | 1.156 | 1.105 | 1.22  |
| STROKE | 85 | 24.80 | 1.157 | 1.105 | 1.22  |
| STROKE | 85 | 24.90 | 1.157 | 1.106 | 1.221 |
| STROKE | 85 | 25.00 | 1.158 | 1.106 | 1.222 |
| STROKE | 85 | 25.10 | 1.159 | 1.107 | 1.222 |
| STROKE | 85 | 25.20 | 1.159 | 1.107 | 1.223 |
| STROKE | 85 | 25.30 | 1.16  | 1.108 | 1.224 |
| STROKE | 85 | 25.40 | 1.16  | 1.108 | 1.224 |
| STROKE | 85 | 25.50 | 1.161 | 1.109 | 1.225 |
| STROKE | 85 | 25.60 | 1.162 | 1.109 | 1.225 |
| STROKE | 85 | 25.70 | 1.162 | 1.11  | 1.226 |
| STROKE | 85 | 25.80 | 1.163 | 1.11  | 1.227 |
| STROKE | 85 | 25.90 | 1.163 | 1.111 | 1.227 |
| STROKE | 85 | 26.00 | 1.164 | 1.111 | 1.228 |
| STROKE | 85 | 26.10 | 1.165 | 1.112 | 1.229 |
| STROKE | 85 | 26.20 | 1.165 | 1.112 | 1.229 |
| STROKE | 85 | 26.30 | 1.166 | 1.113 | 1.23  |
| STROKE | 85 | 26.40 | 1.166 | 1.113 | 1.231 |
| STROKE | 85 | 26.50 | 1.167 | 1.114 | 1.231 |
| STROKE | 85 | 26.60 | 1.168 | 1.114 | 1.232 |
| STROKE | 85 | 26.70 | 1.168 | 1.115 | 1.233 |
| STROKE | 85 | 26.80 | 1.169 | 1.115 | 1.234 |
| STROKE | 85 | 26.90 | 1.169 | 1.116 | 1.234 |
| STROKE | 85 | 27.00 | 1.17  | 1.116 | 1.235 |
| STROKE | 85 | 27.10 | 1.17  | 1.117 | 1.236 |
| STROKE | 85 | 27.20 | 1.171 | 1.117 | 1.236 |
| STROKE | 85 | 27.30 | 1.172 | 1.118 | 1.237 |
| STROKE | 85 | 27.40 | 1.172 | 1.119 | 1.237 |
| STROKE | 85 | 27.50 | 1.173 | 1.119 | 1.238 |
| STROKE | 85 | 27.60 | 1.173 | 1.12  | 1.239 |
| STROKE | 85 | 27.70 | 1.174 | 1.12  | 1.239 |
| STROKE | 85 | 27.80 | 1.175 | 1.121 | 1.24  |
| STROKE | 85 | 27.90 | 1.175 | 1.121 | 1.241 |
| STROKE | 85 | 28.00 | 1.176 | 1.122 | 1.241 |
| STROKE | 85 | 28.10 | 1.176 | 1.122 | 1.242 |
| STROKE | 85 | 28.20 | 1.177 | 1.123 | 1.243 |
| STROKE | 85 | 28.30 | 1.177 | 1.123 | 1.243 |
| STROKE | 85 | 28.40 | 1.178 | 1.124 | 1.244 |
| STROKE | 85 | 28.50 | 1.179 | 1.124 | 1.245 |
| STROKE | 85 | 28.60 | 1.179 | 1.125 | 1.246 |
| STROKE | 85 | 28.70 | 1.18  | 1.125 | 1.246 |
| STROKE | 85 | 28.80 | 1.18  | 1.126 | 1.247 |
| STROKE | 85 | 28.90 | 1.181 | 1.126 | 1.248 |
| STROKE | 85 | 29.00 | 1.182 | 1.127 | 1.249 |
| STROKE | 85 | 29.10 | 1.182 | 1.127 | 1.249 |
| STROKE | 85 | 29.20 | 1.183 | 1.128 | 1.25  |
| STROKE | 85 | 29.30 | 1.183 | 1.128 | 1.25  |
| STROKE | 85 | 29.40 | 1.184 | 1.129 | 1.25  |
| STROKE | 85 | 29.50 | 1.184 | 1.129 | 1.251 |
| STROKE | 85 | 29.60 | 1.185 | 1.13  | 1.251 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 29.70 | 1.186 | 1.13  | 1.252 |
| STROKE | 85 | 29.80 | 1.186 | 1.131 | 1.252 |
| STROKE | 85 | 29.90 | 1.187 | 1.131 | 1.253 |
| STROKE | 85 | 30.00 | 1.187 | 1.132 | 1.253 |
| STROKE | 85 | 30.10 | 1.188 | 1.132 | 1.254 |
| STROKE | 85 | 30.20 | 1.188 | 1.133 | 1.254 |
| STROKE | 85 | 30.30 | 1.189 | 1.133 | 1.255 |
| STROKE | 85 | 30.40 | 1.19  | 1.134 | 1.256 |
| STROKE | 85 | 30.50 | 1.19  | 1.134 | 1.256 |
| STROKE | 85 | 30.60 | 1.191 | 1.135 | 1.257 |
| STROKE | 85 | 30.70 | 1.191 | 1.135 | 1.258 |
| STROKE | 85 | 30.80 | 1.192 | 1.136 | 1.258 |
| STROKE | 85 | 30.90 | 1.192 | 1.136 | 1.259 |
| STROKE | 85 | 31.00 | 1.193 | 1.137 | 1.259 |
| STROKE | 85 | 31.10 | 1.193 | 1.137 | 1.26  |
| STROKE | 85 | 31.20 | 1.194 | 1.138 | 1.261 |
| STROKE | 85 | 31.30 | 1.195 | 1.138 | 1.262 |
| STROKE | 85 | 31.40 | 1.195 | 1.139 | 1.262 |
| STROKE | 85 | 31.50 | 1.196 | 1.139 | 1.263 |
| STROKE | 85 | 31.60 | 1.196 | 1.14  | 1.264 |
| STROKE | 85 | 31.70 | 1.197 | 1.14  | 1.264 |
| STROKE | 85 | 31.80 | 1.197 | 1.141 | 1.265 |
| STROKE | 85 | 31.90 | 1.198 | 1.141 | 1.266 |
| STROKE | 85 | 32.00 | 1.198 | 1.142 | 1.266 |
| STROKE | 85 | 32.10 | 1.199 | 1.142 | 1.267 |
| STROKE | 85 | 32.20 | 1.2   | 1.143 | 1.268 |
| STROKE | 85 | 32.30 | 1.2   | 1.143 | 1.268 |
| STROKE | 85 | 32.40 | 1.201 | 1.144 | 1.269 |
| STROKE | 85 | 32.50 | 1.201 | 1.144 | 1.269 |
| STROKE | 85 | 32.60 | 1.202 | 1.144 | 1.27  |
| STROKE | 85 | 32.70 | 1.202 | 1.145 | 1.271 |
| STROKE | 85 | 32.80 | 1.203 | 1.145 | 1.271 |
| STROKE | 85 | 32.90 | 1.203 | 1.146 | 1.272 |
| STROKE | 85 | 33.00 | 1.204 | 1.146 | 1.272 |
| STROKE | 85 | 33.10 | 1.205 | 1.147 | 1.273 |
| STROKE | 85 | 33.20 | 1.205 | 1.147 | 1.273 |
| STROKE | 85 | 33.30 | 1.206 | 1.147 | 1.274 |
| STROKE | 85 | 33.40 | 1.206 | 1.148 | 1.275 |
| STROKE | 85 | 33.50 | 1.207 | 1.148 | 1.275 |
| STROKE | 85 | 33.60 | 1.207 | 1.149 | 1.276 |
| STROKE | 85 | 33.70 | 1.208 | 1.149 | 1.276 |
| STROKE | 85 | 33.80 | 1.208 | 1.149 | 1.277 |
| STROKE | 85 | 33.90 | 1.209 | 1.15  | 1.277 |
| STROKE | 85 | 34.00 | 1.209 | 1.15  | 1.278 |
| STROKE | 85 | 34.10 | 1.21  | 1.151 | 1.279 |
| STROKE | 85 | 34.20 | 1.211 | 1.151 | 1.279 |
| STROKE | 85 | 34.30 | 1.211 | 1.152 | 1.28  |
| STROKE | 85 | 34.40 | 1.212 | 1.152 | 1.281 |
| STROKE | 85 | 34.50 | 1.212 | 1.153 | 1.281 |
| STROKE | 85 | 34.60 | 1.213 | 1.153 | 1.282 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 34.70 | 1.213 | 1.154 | 1.283 |
| STROKE | 85 | 34.80 | 1.214 | 1.154 | 1.283 |
| STROKE | 85 | 34.90 | 1.214 | 1.154 | 1.284 |
| STROKE | 85 | 35.00 | 1.215 | 1.155 | 1.285 |
| STROKE | 85 | 35.10 | 1.215 | 1.155 | 1.285 |
| STROKE | 85 | 35.20 | 1.216 | 1.156 | 1.286 |
| STROKE | 85 | 35.30 | 1.216 | 1.156 | 1.286 |
| STROKE | 85 | 35.40 | 1.217 | 1.157 | 1.287 |
| STROKE | 85 | 35.50 | 1.217 | 1.157 | 1.287 |
| STROKE | 85 | 35.60 | 1.218 | 1.158 | 1.287 |
| STROKE | 85 | 35.70 | 1.219 | 1.158 | 1.288 |
| STROKE | 85 | 35.80 | 1.219 | 1.158 | 1.288 |
| STROKE | 85 | 35.90 | 1.22  | 1.159 | 1.289 |
| STROKE | 85 | 36.00 | 1.22  | 1.159 | 1.289 |
| STROKE | 85 | 36.10 | 1.221 | 1.16  | 1.29  |
| STROKE | 85 | 36.20 | 1.221 | 1.16  | 1.29  |
| STROKE | 85 | 36.30 | 1.222 | 1.161 | 1.291 |
| STROKE | 85 | 36.40 | 1.222 | 1.161 | 1.292 |
| STROKE | 85 | 36.50 | 1.223 | 1.161 | 1.292 |
| STROKE | 85 | 36.60 | 1.223 | 1.162 | 1.293 |
| STROKE | 85 | 36.70 | 1.224 | 1.162 | 1.293 |
| STROKE | 85 | 36.80 | 1.224 | 1.163 | 1.294 |
| STROKE | 85 | 36.90 | 1.225 | 1.163 | 1.295 |
| STROKE | 85 | 37.00 | 1.225 | 1.164 | 1.295 |
| STROKE | 85 | 37.10 | 1.226 | 1.164 | 1.296 |
| STROKE | 85 | 37.20 | 1.226 | 1.165 | 1.297 |
| STROKE | 85 | 37.30 | 1.227 | 1.165 | 1.297 |
| STROKE | 85 | 37.40 | 1.227 | 1.165 | 1.298 |
| STROKE | 85 | 37.50 | 1.228 | 1.166 | 1.298 |
| STROKE | 85 | 37.60 | 1.228 | 1.166 | 1.299 |
| STROKE | 85 | 37.70 | 1.229 | 1.167 | 1.3   |
| STROKE | 85 | 37.80 | 1.23  | 1.167 | 1.3   |
| STROKE | 85 | 37.90 | 1.23  | 1.168 | 1.301 |
| STROKE | 85 | 38.00 | 1.231 | 1.168 | 1.302 |
| STROKE | 85 | 38.10 | 1.231 | 1.168 | 1.302 |
| STROKE | 85 | 38.20 | 1.232 | 1.169 | 1.303 |
| STROKE | 85 | 38.30 | 1.232 | 1.169 | 1.304 |
| STROKE | 85 | 38.40 | 1.233 | 1.17  | 1.304 |
| STROKE | 85 | 38.50 | 1.233 | 1.17  | 1.305 |
| STROKE | 85 | 38.60 | 1.234 | 1.171 | 1.305 |
| STROKE | 85 | 38.70 | 1.234 | 1.171 | 1.306 |
| STROKE | 85 | 38.80 | 1.235 | 1.171 | 1.307 |
| STROKE | 85 | 38.90 | 1.235 | 1.172 | 1.307 |
| STROKE | 85 | 39.00 | 1.236 | 1.172 | 1.308 |
| STROKE | 85 | 39.10 | 1.236 | 1.173 | 1.308 |
| STROKE | 85 | 39.20 | 1.237 | 1.173 | 1.309 |
| STROKE | 85 | 39.30 | 1.237 | 1.174 | 1.309 |
| STROKE | 85 | 39.40 | 1.238 | 1.174 | 1.31  |
| STROKE | 85 | 39.50 | 1.238 | 1.175 | 1.311 |
| STROKE | 85 | 39.60 | 1.239 | 1.175 | 1.311 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 39.70 | 1.239 | 1.175 | 1.312 |
| STROKE | 85 | 39.80 | 1.24  | 1.176 | 1.312 |
| STROKE | 85 | 39.90 | 1.24  | 1.176 | 1.313 |
| STROKE | 85 | 40.00 | 1.241 | 1.177 | 1.313 |
| STROKE | 85 | 40.10 | 1.241 | 1.177 | 1.314 |
| STROKE | 85 | 40.20 | 1.242 | 1.178 | 1.315 |
| STROKE | 85 | 40.30 | 1.242 | 1.178 | 1.315 |
| STROKE | 85 | 40.40 | 1.243 | 1.178 | 1.316 |
| STROKE | 85 | 40.50 | 1.243 | 1.179 | 1.316 |
| STROKE | 85 | 40.60 | 1.244 | 1.179 | 1.317 |
| STROKE | 85 | 40.70 | 1.244 | 1.18  | 1.318 |
| STROKE | 85 | 40.80 | 1.245 | 1.18  | 1.318 |
| STROKE | 85 | 40.90 | 1.245 | 1.18  | 1.319 |
| STROKE | 85 | 41.00 | 1.246 | 1.181 | 1.319 |
| STROKE | 85 | 41.10 | 1.246 | 1.181 | 1.32  |
| STROKE | 85 | 41.20 | 1.247 | 1.182 | 1.321 |
| STROKE | 85 | 41.30 | 1.247 | 1.182 | 1.321 |
| STROKE | 85 | 41.40 | 1.248 | 1.183 | 1.322 |
| STROKE | 85 | 41.50 | 1.248 | 1.183 | 1.322 |
| STROKE | 85 | 41.60 | 1.249 | 1.184 | 1.323 |
| STROKE | 85 | 41.70 | 1.249 | 1.184 | 1.324 |
| STROKE | 85 | 41.80 | 1.25  | 1.185 | 1.324 |
| STROKE | 85 | 41.90 | 1.25  | 1.185 | 1.325 |
| STROKE | 85 | 42.00 | 1.251 | 1.185 | 1.325 |
| STROKE | 85 | 42.10 | 1.251 | 1.186 | 1.326 |
| STROKE | 85 | 42.20 | 1.252 | 1.186 | 1.326 |
| STROKE | 85 | 42.30 | 1.252 | 1.187 | 1.327 |
| STROKE | 85 | 42.40 | 1.253 | 1.187 | 1.328 |
| STROKE | 85 | 42.50 | 1.253 | 1.188 | 1.328 |
| STROKE | 85 | 42.60 | 1.254 | 1.188 | 1.329 |
| STROKE | 85 | 42.70 | 1.254 | 1.188 | 1.329 |
| STROKE | 85 | 42.80 | 1.255 | 1.189 | 1.33  |
| STROKE | 85 | 42.90 | 1.255 | 1.189 | 1.331 |
| STROKE | 85 | 43.00 | 1.256 | 1.19  | 1.331 |
| STROKE | 85 | 43.10 | 1.256 | 1.19  | 1.332 |
| STROKE | 85 | 43.20 | 1.256 | 1.19  | 1.332 |
| STROKE | 85 | 43.30 | 1.257 | 1.191 | 1.333 |
| STROKE | 85 | 43.40 | 1.257 | 1.191 | 1.333 |
| STROKE | 85 | 43.50 | 1.258 | 1.191 | 1.334 |
| STROKE | 85 | 43.60 | 1.258 | 1.192 | 1.334 |
| STROKE | 85 | 43.70 | 1.259 | 1.192 | 1.335 |
| STROKE | 85 | 43.80 | 1.259 | 1.193 | 1.335 |
| STROKE | 85 | 43.90 | 1.26  | 1.193 | 1.336 |
| STROKE | 85 | 44.00 | 1.26  | 1.193 | 1.336 |
| STROKE | 85 | 44.10 | 1.261 | 1.194 | 1.337 |
| STROKE | 85 | 44.20 | 1.261 | 1.194 | 1.337 |
| STROKE | 85 | 44.30 | 1.262 | 1.194 | 1.338 |
| STROKE | 85 | 44.40 | 1.262 | 1.195 | 1.339 |
| STROKE | 85 | 44.50 | 1.263 | 1.195 | 1.339 |
| STROKE | 85 | 44.60 | 1.263 | 1.196 | 1.34  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 44.70 | 1.264 | 1.196 | 1.341 |
| STROKE | 85 | 44.80 | 1.264 | 1.196 | 1.341 |
| STROKE | 85 | 44.90 | 1.265 | 1.197 | 1.342 |
| STROKE | 85 | 45.00 | 1.265 | 1.197 | 1.342 |
| STROKE | 85 | 45.10 | 1.265 | 1.198 | 1.343 |
| STROKE | 85 | 45.20 | 1.266 | 1.198 | 1.343 |
| STROKE | 85 | 45.30 | 1.266 | 1.198 | 1.344 |
| STROKE | 85 | 45.40 | 1.267 | 1.199 | 1.344 |
| STROKE | 85 | 45.50 | 1.267 | 1.199 | 1.345 |
| STROKE | 85 | 45.60 | 1.268 | 1.199 | 1.345 |
| STROKE | 85 | 45.70 | 1.268 | 1.2   | 1.346 |
| STROKE | 85 | 45.80 | 1.269 | 1.2   | 1.346 |
| STROKE | 85 | 45.90 | 1.269 | 1.201 | 1.347 |
| STROKE | 85 | 46.00 | 1.27  | 1.201 | 1.347 |
| STROKE | 85 | 46.10 | 1.27  | 1.201 | 1.348 |
| STROKE | 85 | 46.20 | 1.271 | 1.202 | 1.348 |
| STROKE | 85 | 46.30 | 1.271 | 1.202 | 1.349 |
| STROKE | 85 | 46.40 | 1.271 | 1.203 | 1.349 |
| STROKE | 85 | 46.50 | 1.272 | 1.203 | 1.35  |
| STROKE | 85 | 46.60 | 1.272 | 1.203 | 1.351 |
| STROKE | 85 | 46.70 | 1.273 | 1.204 | 1.351 |
| STROKE | 85 | 46.80 | 1.273 | 1.204 | 1.352 |
| STROKE | 85 | 46.90 | 1.274 | 1.205 | 1.352 |
| STROKE | 85 | 47.00 | 1.274 | 1.205 | 1.353 |
| STROKE | 85 | 47.10 | 1.275 | 1.205 | 1.353 |
| STROKE | 85 | 47.20 | 1.275 | 1.206 | 1.354 |
| STROKE | 85 | 47.30 | 1.276 | 1.206 | 1.354 |
| STROKE | 85 | 47.40 | 1.276 | 1.206 | 1.355 |
| STROKE | 85 | 47.50 | 1.276 | 1.207 | 1.355 |
| STROKE | 85 | 47.60 | 1.277 | 1.207 | 1.356 |
| STROKE | 85 | 47.70 | 1.277 | 1.207 | 1.356 |
| STROKE | 85 | 47.80 | 1.278 | 1.208 | 1.356 |
| STROKE | 85 | 47.90 | 1.278 | 1.208 | 1.357 |
| STROKE | 85 | 48.00 | 1.279 | 1.208 | 1.357 |
| STROKE | 85 | 48.10 | 1.279 | 1.209 | 1.358 |
| STROKE | 85 | 48.20 | 1.28  | 1.209 | 1.358 |
| STROKE | 85 | 48.30 | 1.28  | 1.209 | 1.359 |
| STROKE | 85 | 48.40 | 1.281 | 1.21  | 1.359 |
| STROKE | 85 | 48.50 | 1.281 | 1.21  | 1.359 |
| STROKE | 85 | 48.60 | 1.281 | 1.21  | 1.36  |
| STROKE | 85 | 48.70 | 1.282 | 1.211 | 1.36  |
| STROKE | 85 | 48.80 | 1.282 | 1.211 | 1.361 |
| STROKE | 85 | 48.90 | 1.283 | 1.211 | 1.361 |
| STROKE | 85 | 49.00 | 1.283 | 1.212 | 1.362 |
| STROKE | 85 | 49.10 | 1.284 | 1.212 | 1.362 |
| STROKE | 85 | 49.20 | 1.284 | 1.213 | 1.362 |
| STROKE | 85 | 49.30 | 1.284 | 1.213 | 1.363 |
| STROKE | 85 | 49.40 | 1.285 | 1.213 | 1.363 |
| STROKE | 85 | 49.50 | 1.285 | 1.214 | 1.364 |
| STROKE | 85 | 49.60 | 1.286 | 1.214 | 1.364 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 85 | 49.70 | 1.286 | 1.214 | 1.364 |
| STROKE | 85 | 49.80 | 1.287 | 1.215 | 1.365 |
| STROKE | 85 | 49.90 | 1.287 | 1.215 | 1.365 |
| STROKE | 90 | 0.00  | 1     | 1     | 1     |
| STROKE | 90 | 0.10  | 1     | 1     | 1     |
| STROKE | 90 | 0.20  | 1     | 1     | 1     |
| STROKE | 90 | 0.30  | 1     | 1     | 1     |
| STROKE | 90 | 0.40  | 1     | 1     | 1     |
| STROKE | 90 | 0.50  | 1     | 1     | 1     |
| STROKE | 90 | 0.60  | 1     | 1     | 1     |
| STROKE | 90 | 0.70  | 1     | 1     | 1     |
| STROKE | 90 | 0.80  | 1     | 1     | 1     |
| STROKE | 90 | 0.90  | 1     | 1     | 1     |
| STROKE | 90 | 1.00  | 1     | 1     | 1     |
| STROKE | 90 | 1.10  | 1     | 1     | 1     |
| STROKE | 90 | 1.20  | 1     | 1     | 1     |
| STROKE | 90 | 1.30  | 1     | 1     | 1     |
| STROKE | 90 | 1.40  | 1     | 1     | 1     |
| STROKE | 90 | 1.50  | 1     | 1     | 1     |
| STROKE | 90 | 1.60  | 1     | 1     | 1     |
| STROKE | 90 | 1.70  | 1     | 1     | 1     |
| STROKE | 90 | 1.80  | 1     | 1     | 1     |
| STROKE | 90 | 1.90  | 1     | 1     | 1     |
| STROKE | 90 | 2.00  | 1     | 1     | 1     |
| STROKE | 90 | 2.10  | 1     | 1     | 1     |
| STROKE | 90 | 2.20  | 1     | 1     | 1     |
| STROKE | 90 | 2.30  | 1     | 1     | 1     |
| STROKE | 90 | 2.40  | 1     | 1     | 1.001 |
| STROKE | 90 | 2.50  | 1     | 1     | 1.002 |
| STROKE | 90 | 2.60  | 1     | 1     | 1.003 |
| STROKE | 90 | 2.70  | 1     | 1     | 1.004 |
| STROKE | 90 | 2.80  | 1     | 1     | 1.005 |
| STROKE | 90 | 2.90  | 1.001 | 1     | 1.007 |
| STROKE | 90 | 3.00  | 1.001 | 1     | 1.008 |
| STROKE | 90 | 3.10  | 1.001 | 1     | 1.009 |
| STROKE | 90 | 3.20  | 1.001 | 1     | 1.01  |
| STROKE | 90 | 3.30  | 1.001 | 1     | 1.012 |
| STROKE | 90 | 3.40  | 1.001 | 1     | 1.013 |
| STROKE | 90 | 3.50  | 1.001 | 1     | 1.014 |
| STROKE | 90 | 3.60  | 1.001 | 1     | 1.015 |
| STROKE | 90 | 3.70  | 1.002 | 1     | 1.016 |
| STROKE | 90 | 3.80  | 1.002 | 1     | 1.017 |
| STROKE | 90 | 3.90  | 1.002 | 1     | 1.018 |
| STROKE | 90 | 4.00  | 1.002 | 1     | 1.019 |
| STROKE | 90 | 4.10  | 1.002 | 1     | 1.02  |
| STROKE | 90 | 4.20  | 1.002 | 1     | 1.021 |
| STROKE | 90 | 4.30  | 1.003 | 1     | 1.022 |
| STROKE | 90 | 4.40  | 1.003 | 1     | 1.023 |
| STROKE | 90 | 4.50  | 1.003 | 1     | 1.024 |
| STROKE | 90 | 4.60  | 1.003 | 1     | 1.025 |

|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 90 | 4.70 | 1.004 | 1 | 1.026 |
| STROKE | 90 | 4.80 | 1.004 | 1 | 1.027 |
| STROKE | 90 | 4.90 | 1.004 | 1 | 1.027 |
| STROKE | 90 | 5.00 | 1.005 | 1 | 1.028 |
| STROKE | 90 | 5.10 | 1.005 | 1 | 1.029 |
| STROKE | 90 | 5.20 | 1.005 | 1 | 1.03  |
| STROKE | 90 | 5.30 | 1.006 | 1 | 1.031 |
| STROKE | 90 | 5.40 | 1.006 | 1 | 1.032 |
| STROKE | 90 | 5.50 | 1.006 | 1 | 1.033 |
| STROKE | 90 | 5.60 | 1.007 | 1 | 1.034 |
| STROKE | 90 | 5.70 | 1.007 | 1 | 1.035 |
| STROKE | 90 | 5.80 | 1.007 | 1 | 1.036 |
| STROKE | 90 | 5.90 | 1.008 | 1 | 1.037 |
| STROKE | 90 | 6.00 | 1.008 | 1 | 1.038 |
| STROKE | 90 | 6.10 | 1.009 | 1 | 1.039 |
| STROKE | 90 | 6.20 | 1.009 | 1 | 1.04  |
| STROKE | 90 | 6.30 | 1.009 | 1 | 1.041 |
| STROKE | 90 | 6.40 | 1.01  | 1 | 1.041 |
| STROKE | 90 | 6.50 | 1.01  | 1 | 1.042 |
| STROKE | 90 | 6.60 | 1.011 | 1 | 1.043 |
| STROKE | 90 | 6.70 | 1.011 | 1 | 1.044 |
| STROKE | 90 | 6.80 | 1.012 | 1 | 1.045 |
| STROKE | 90 | 6.90 | 1.012 | 1 | 1.046 |
| STROKE | 90 | 7.00 | 1.013 | 1 | 1.046 |
| STROKE | 90 | 7.10 | 1.013 | 1 | 1.047 |
| STROKE | 90 | 7.20 | 1.014 | 1 | 1.048 |
| STROKE | 90 | 7.30 | 1.014 | 1 | 1.049 |
| STROKE | 90 | 7.40 | 1.015 | 1 | 1.05  |
| STROKE | 90 | 7.50 | 1.015 | 1 | 1.051 |
| STROKE | 90 | 7.60 | 1.016 | 1 | 1.052 |
| STROKE | 90 | 7.70 | 1.016 | 1 | 1.053 |
| STROKE | 90 | 7.80 | 1.017 | 1 | 1.053 |
| STROKE | 90 | 7.90 | 1.017 | 1 | 1.054 |
| STROKE | 90 | 8.00 | 1.018 | 1 | 1.055 |
| STROKE | 90 | 8.10 | 1.019 | 1 | 1.056 |
| STROKE | 90 | 8.20 | 1.019 | 1 | 1.057 |
| STROKE | 90 | 8.30 | 1.02  | 1 | 1.058 |
| STROKE | 90 | 8.40 | 1.02  | 1 | 1.059 |
| STROKE | 90 | 8.50 | 1.021 | 1 | 1.06  |
| STROKE | 90 | 8.60 | 1.021 | 1 | 1.061 |
| STROKE | 90 | 8.70 | 1.022 | 1 | 1.062 |
| STROKE | 90 | 8.80 | 1.022 | 1 | 1.062 |
| STROKE | 90 | 8.90 | 1.023 | 1 | 1.063 |
| STROKE | 90 | 9.00 | 1.024 | 1 | 1.064 |
| STROKE | 90 | 9.10 | 1.024 | 1 | 1.065 |
| STROKE | 90 | 9.20 | 1.025 | 1 | 1.066 |
| STROKE | 90 | 9.30 | 1.025 | 1 | 1.067 |
| STROKE | 90 | 9.40 | 1.026 | 1 | 1.068 |
| STROKE | 90 | 9.50 | 1.026 | 1 | 1.068 |
| STROKE | 90 | 9.60 | 1.027 | 1 | 1.069 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 9.70  | 1.027 | 1     | 1.07  |
| STROKE | 90 | 9.80  | 1.028 | 1.001 | 1.071 |
| STROKE | 90 | 9.90  | 1.029 | 1.001 | 1.072 |
| STROKE | 90 | 10.00 | 1.029 | 1.002 | 1.073 |
| STROKE | 90 | 10.10 | 1.03  | 1.002 | 1.073 |
| STROKE | 90 | 10.20 | 1.03  | 1.003 | 1.074 |
| STROKE | 90 | 10.30 | 1.031 | 1.003 | 1.075 |
| STROKE | 90 | 10.40 | 1.031 | 1.004 | 1.076 |
| STROKE | 90 | 10.50 | 1.032 | 1.004 | 1.077 |
| STROKE | 90 | 10.60 | 1.033 | 1.005 | 1.077 |
| STROKE | 90 | 10.70 | 1.033 | 1.005 | 1.078 |
| STROKE | 90 | 10.80 | 1.034 | 1.005 | 1.079 |
| STROKE | 90 | 10.90 | 1.034 | 1.006 | 1.08  |
| STROKE | 90 | 11.00 | 1.035 | 1.006 | 1.08  |
| STROKE | 90 | 11.10 | 1.035 | 1.007 | 1.081 |
| STROKE | 90 | 11.20 | 1.036 | 1.007 | 1.082 |
| STROKE | 90 | 11.30 | 1.036 | 1.008 | 1.083 |
| STROKE | 90 | 11.40 | 1.037 | 1.008 | 1.083 |
| STROKE | 90 | 11.50 | 1.038 | 1.008 | 1.084 |
| STROKE | 90 | 11.60 | 1.038 | 1.009 | 1.085 |
| STROKE | 90 | 11.70 | 1.039 | 1.009 | 1.085 |
| STROKE | 90 | 11.80 | 1.039 | 1.01  | 1.086 |
| STROKE | 90 | 11.90 | 1.04  | 1.01  | 1.087 |
| STROKE | 90 | 12.00 | 1.04  | 1.01  | 1.087 |
| STROKE | 90 | 12.10 | 1.041 | 1.011 | 1.088 |
| STROKE | 90 | 12.20 | 1.041 | 1.011 | 1.089 |
| STROKE | 90 | 12.30 | 1.042 | 1.012 | 1.09  |
| STROKE | 90 | 12.40 | 1.043 | 1.012 | 1.09  |
| STROKE | 90 | 12.50 | 1.043 | 1.013 | 1.091 |
| STROKE | 90 | 12.60 | 1.044 | 1.013 | 1.092 |
| STROKE | 90 | 12.70 | 1.044 | 1.014 | 1.092 |
| STROKE | 90 | 12.80 | 1.045 | 1.014 | 1.093 |
| STROKE | 90 | 12.90 | 1.045 | 1.014 | 1.094 |
| STROKE | 90 | 13.00 | 1.046 | 1.015 | 1.095 |
| STROKE | 90 | 13.10 | 1.046 | 1.015 | 1.095 |
| STROKE | 90 | 13.20 | 1.047 | 1.016 | 1.096 |
| STROKE | 90 | 13.30 | 1.047 | 1.016 | 1.096 |
| STROKE | 90 | 13.40 | 1.048 | 1.017 | 1.097 |
| STROKE | 90 | 13.50 | 1.049 | 1.017 | 1.098 |
| STROKE | 90 | 13.60 | 1.049 | 1.017 | 1.098 |
| STROKE | 90 | 13.70 | 1.05  | 1.018 | 1.099 |
| STROKE | 90 | 13.80 | 1.05  | 1.018 | 1.099 |
| STROKE | 90 | 13.90 | 1.051 | 1.019 | 1.1   |
| STROKE | 90 | 14.00 | 1.051 | 1.019 | 1.101 |
| STROKE | 90 | 14.10 | 1.052 | 1.019 | 1.101 |
| STROKE | 90 | 14.20 | 1.052 | 1.02  | 1.102 |
| STROKE | 90 | 14.30 | 1.053 | 1.02  | 1.103 |
| STROKE | 90 | 14.40 | 1.053 | 1.021 | 1.103 |
| STROKE | 90 | 14.50 | 1.054 | 1.021 | 1.104 |
| STROKE | 90 | 14.60 | 1.054 | 1.021 | 1.104 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 14.70 | 1.055 | 1.022 | 1.105 |
| STROKE | 90 | 14.80 | 1.056 | 1.022 | 1.106 |
| STROKE | 90 | 14.90 | 1.056 | 1.023 | 1.106 |
| STROKE | 90 | 15.00 | 1.057 | 1.023 | 1.107 |
| STROKE | 90 | 15.10 | 1.057 | 1.023 | 1.107 |
| STROKE | 90 | 15.20 | 1.058 | 1.024 | 1.108 |
| STROKE | 90 | 15.30 | 1.058 | 1.024 | 1.108 |
| STROKE | 90 | 15.40 | 1.059 | 1.025 | 1.109 |
| STROKE | 90 | 15.50 | 1.059 | 1.025 | 1.11  |
| STROKE | 90 | 15.60 | 1.06  | 1.025 | 1.11  |
| STROKE | 90 | 15.70 | 1.06  | 1.026 | 1.111 |
| STROKE | 90 | 15.80 | 1.061 | 1.026 | 1.111 |
| STROKE | 90 | 15.90 | 1.061 | 1.027 | 1.112 |
| STROKE | 90 | 16.00 | 1.062 | 1.027 | 1.113 |
| STROKE | 90 | 16.10 | 1.062 | 1.027 | 1.113 |
| STROKE | 90 | 16.20 | 1.063 | 1.028 | 1.114 |
| STROKE | 90 | 16.30 | 1.063 | 1.028 | 1.114 |
| STROKE | 90 | 16.40 | 1.064 | 1.028 | 1.115 |
| STROKE | 90 | 16.50 | 1.064 | 1.029 | 1.116 |
| STROKE | 90 | 16.60 | 1.065 | 1.029 | 1.116 |
| STROKE | 90 | 16.70 | 1.065 | 1.03  | 1.117 |
| STROKE | 90 | 16.80 | 1.066 | 1.03  | 1.117 |
| STROKE | 90 | 16.90 | 1.067 | 1.03  | 1.118 |
| STROKE | 90 | 17.00 | 1.067 | 1.031 | 1.118 |
| STROKE | 90 | 17.10 | 1.068 | 1.031 | 1.119 |
| STROKE | 90 | 17.20 | 1.068 | 1.032 | 1.119 |
| STROKE | 90 | 17.30 | 1.069 | 1.032 | 1.12  |
| STROKE | 90 | 17.40 | 1.069 | 1.032 | 1.121 |
| STROKE | 90 | 17.50 | 1.07  | 1.033 | 1.121 |
| STROKE | 90 | 17.60 | 1.07  | 1.033 | 1.122 |
| STROKE | 90 | 17.70 | 1.071 | 1.034 | 1.122 |
| STROKE | 90 | 17.80 | 1.071 | 1.034 | 1.123 |
| STROKE | 90 | 17.90 | 1.072 | 1.034 | 1.123 |
| STROKE | 90 | 18.00 | 1.072 | 1.035 | 1.124 |
| STROKE | 90 | 18.10 | 1.073 | 1.035 | 1.124 |
| STROKE | 90 | 18.20 | 1.073 | 1.036 | 1.125 |
| STROKE | 90 | 18.30 | 1.074 | 1.036 | 1.125 |
| STROKE | 90 | 18.40 | 1.074 | 1.037 | 1.126 |
| STROKE | 90 | 18.50 | 1.075 | 1.037 | 1.127 |
| STROKE | 90 | 18.60 | 1.075 | 1.037 | 1.127 |
| STROKE | 90 | 18.70 | 1.076 | 1.038 | 1.128 |
| STROKE | 90 | 18.80 | 1.076 | 1.038 | 1.128 |
| STROKE | 90 | 18.90 | 1.077 | 1.039 | 1.129 |
| STROKE | 90 | 19.00 | 1.077 | 1.039 | 1.13  |
| STROKE | 90 | 19.10 | 1.078 | 1.04  | 1.13  |
| STROKE | 90 | 19.20 | 1.078 | 1.04  | 1.131 |
| STROKE | 90 | 19.30 | 1.079 | 1.04  | 1.131 |
| STROKE | 90 | 19.40 | 1.079 | 1.041 | 1.132 |
| STROKE | 90 | 19.50 | 1.08  | 1.041 | 1.133 |
| STROKE | 90 | 19.60 | 1.08  | 1.041 | 1.133 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 19.70 | 1.081 | 1.042 | 1.134 |
| STROKE | 90 | 19.80 | 1.081 | 1.042 | 1.134 |
| STROKE | 90 | 19.90 | 1.082 | 1.043 | 1.135 |
| STROKE | 90 | 20.00 | 1.082 | 1.043 | 1.136 |
| STROKE | 90 | 20.10 | 1.083 | 1.043 | 1.136 |
| STROKE | 90 | 20.20 | 1.083 | 1.044 | 1.137 |
| STROKE | 90 | 20.30 | 1.084 | 1.044 | 1.137 |
| STROKE | 90 | 20.40 | 1.084 | 1.045 | 1.138 |
| STROKE | 90 | 20.50 | 1.085 | 1.045 | 1.138 |
| STROKE | 90 | 20.60 | 1.085 | 1.046 | 1.139 |
| STROKE | 90 | 20.70 | 1.086 | 1.046 | 1.139 |
| STROKE | 90 | 20.80 | 1.086 | 1.046 | 1.14  |
| STROKE | 90 | 20.90 | 1.087 | 1.047 | 1.14  |
| STROKE | 90 | 21.00 | 1.087 | 1.047 | 1.141 |
| STROKE | 90 | 21.10 | 1.088 | 1.048 | 1.141 |
| STROKE | 90 | 21.20 | 1.088 | 1.048 | 1.142 |
| STROKE | 90 | 21.30 | 1.088 | 1.049 | 1.142 |
| STROKE | 90 | 21.40 | 1.089 | 1.049 | 1.142 |
| STROKE | 90 | 21.50 | 1.089 | 1.049 | 1.143 |
| STROKE | 90 | 21.60 | 1.09  | 1.05  | 1.143 |
| STROKE | 90 | 21.70 | 1.09  | 1.05  | 1.144 |
| STROKE | 90 | 21.80 | 1.091 | 1.051 | 1.144 |
| STROKE | 90 | 21.90 | 1.091 | 1.051 | 1.144 |
| STROKE | 90 | 22.00 | 1.092 | 1.052 | 1.145 |
| STROKE | 90 | 22.10 | 1.092 | 1.052 | 1.145 |
| STROKE | 90 | 22.20 | 1.093 | 1.053 | 1.146 |
| STROKE | 90 | 22.30 | 1.093 | 1.053 | 1.147 |
| STROKE | 90 | 22.40 | 1.094 | 1.053 | 1.147 |
| STROKE | 90 | 22.50 | 1.094 | 1.054 | 1.148 |
| STROKE | 90 | 22.60 | 1.095 | 1.054 | 1.148 |
| STROKE | 90 | 22.70 | 1.095 | 1.055 | 1.149 |
| STROKE | 90 | 22.80 | 1.096 | 1.055 | 1.15  |
| STROKE | 90 | 22.90 | 1.096 | 1.056 | 1.15  |
| STROKE | 90 | 23.00 | 1.097 | 1.056 | 1.151 |
| STROKE | 90 | 23.10 | 1.097 | 1.056 | 1.151 |
| STROKE | 90 | 23.20 | 1.098 | 1.057 | 1.152 |
| STROKE | 90 | 23.30 | 1.098 | 1.057 | 1.152 |
| STROKE | 90 | 23.40 | 1.099 | 1.058 | 1.153 |
| STROKE | 90 | 23.50 | 1.099 | 1.058 | 1.153 |
| STROKE | 90 | 23.60 | 1.1   | 1.058 | 1.154 |
| STROKE | 90 | 23.70 | 1.1   | 1.059 | 1.154 |
| STROKE | 90 | 23.80 | 1.1   | 1.059 | 1.155 |
| STROKE | 90 | 23.90 | 1.101 | 1.06  | 1.155 |
| STROKE | 90 | 24.00 | 1.101 | 1.06  | 1.156 |
| STROKE | 90 | 24.10 | 1.102 | 1.06  | 1.156 |
| STROKE | 90 | 24.20 | 1.102 | 1.061 | 1.157 |
| STROKE | 90 | 24.30 | 1.103 | 1.061 | 1.157 |
| STROKE | 90 | 24.40 | 1.103 | 1.061 | 1.158 |
| STROKE | 90 | 24.50 | 1.104 | 1.062 | 1.158 |
| STROKE | 90 | 24.60 | 1.104 | 1.062 | 1.158 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 24.70 | 1.105 | 1.062 | 1.159 |
| STROKE | 90 | 24.80 | 1.105 | 1.063 | 1.159 |
| STROKE | 90 | 24.90 | 1.106 | 1.063 | 1.16  |
| STROKE | 90 | 25.00 | 1.106 | 1.064 | 1.16  |
| STROKE | 90 | 25.10 | 1.107 | 1.064 | 1.161 |
| STROKE | 90 | 25.20 | 1.107 | 1.064 | 1.161 |
| STROKE | 90 | 25.30 | 1.107 | 1.065 | 1.162 |
| STROKE | 90 | 25.40 | 1.108 | 1.065 | 1.162 |
| STROKE | 90 | 25.50 | 1.108 | 1.065 | 1.163 |
| STROKE | 90 | 25.60 | 1.109 | 1.066 | 1.163 |
| STROKE | 90 | 25.70 | 1.109 | 1.066 | 1.164 |
| STROKE | 90 | 25.80 | 1.11  | 1.066 | 1.164 |
| STROKE | 90 | 25.90 | 1.11  | 1.067 | 1.165 |
| STROKE | 90 | 26.00 | 1.111 | 1.067 | 1.165 |
| STROKE | 90 | 26.10 | 1.111 | 1.067 | 1.166 |
| STROKE | 90 | 26.20 | 1.112 | 1.068 | 1.166 |
| STROKE | 90 | 26.30 | 1.112 | 1.068 | 1.167 |
| STROKE | 90 | 26.40 | 1.113 | 1.068 | 1.167 |
| STROKE | 90 | 26.50 | 1.113 | 1.069 | 1.168 |
| STROKE | 90 | 26.60 | 1.113 | 1.069 | 1.168 |
| STROKE | 90 | 26.70 | 1.114 | 1.07  | 1.169 |
| STROKE | 90 | 26.80 | 1.114 | 1.07  | 1.169 |
| STROKE | 90 | 26.90 | 1.115 | 1.07  | 1.17  |
| STROKE | 90 | 27.00 | 1.115 | 1.071 | 1.17  |
| STROKE | 90 | 27.10 | 1.116 | 1.071 | 1.171 |
| STROKE | 90 | 27.20 | 1.116 | 1.071 | 1.171 |
| STROKE | 90 | 27.30 | 1.117 | 1.072 | 1.172 |
| STROKE | 90 | 27.40 | 1.117 | 1.072 | 1.172 |
| STROKE | 90 | 27.50 | 1.118 | 1.073 | 1.173 |
| STROKE | 90 | 27.60 | 1.118 | 1.073 | 1.173 |
| STROKE | 90 | 27.70 | 1.118 | 1.073 | 1.174 |
| STROKE | 90 | 27.80 | 1.119 | 1.074 | 1.174 |
| STROKE | 90 | 27.90 | 1.119 | 1.074 | 1.175 |
| STROKE | 90 | 28.00 | 1.12  | 1.075 | 1.175 |
| STROKE | 90 | 28.10 | 1.12  | 1.075 | 1.176 |
| STROKE | 90 | 28.20 | 1.121 | 1.075 | 1.176 |
| STROKE | 90 | 28.30 | 1.121 | 1.076 | 1.176 |
| STROKE | 90 | 28.40 | 1.122 | 1.076 | 1.177 |
| STROKE | 90 | 28.50 | 1.122 | 1.077 | 1.177 |
| STROKE | 90 | 28.60 | 1.123 | 1.077 | 1.178 |
| STROKE | 90 | 28.70 | 1.123 | 1.077 | 1.178 |
| STROKE | 90 | 28.80 | 1.123 | 1.078 | 1.178 |
| STROKE | 90 | 28.90 | 1.124 | 1.078 | 1.179 |
| STROKE | 90 | 29.00 | 1.124 | 1.079 | 1.179 |
| STROKE | 90 | 29.10 | 1.125 | 1.079 | 1.18  |
| STROKE | 90 | 29.20 | 1.125 | 1.079 | 1.18  |
| STROKE | 90 | 29.30 | 1.126 | 1.08  | 1.18  |
| STROKE | 90 | 29.40 | 1.126 | 1.08  | 1.18  |
| STROKE | 90 | 29.50 | 1.127 | 1.08  | 1.181 |
| STROKE | 90 | 29.60 | 1.127 | 1.081 | 1.181 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 29.70 | 1.127 | 1.081 | 1.181 |
| STROKE | 90 | 29.80 | 1.128 | 1.081 | 1.182 |
| STROKE | 90 | 29.90 | 1.128 | 1.082 | 1.182 |
| STROKE | 90 | 30.00 | 1.129 | 1.082 | 1.182 |
| STROKE | 90 | 30.10 | 1.129 | 1.082 | 1.183 |
| STROKE | 90 | 30.20 | 1.13  | 1.083 | 1.183 |
| STROKE | 90 | 30.30 | 1.13  | 1.083 | 1.184 |
| STROKE | 90 | 30.40 | 1.131 | 1.084 | 1.184 |
| STROKE | 90 | 30.50 | 1.131 | 1.084 | 1.185 |
| STROKE | 90 | 30.60 | 1.131 | 1.085 | 1.185 |
| STROKE | 90 | 30.70 | 1.132 | 1.085 | 1.186 |
| STROKE | 90 | 30.80 | 1.132 | 1.085 | 1.187 |
| STROKE | 90 | 30.90 | 1.133 | 1.086 | 1.187 |
| STROKE | 90 | 31.00 | 1.133 | 1.086 | 1.188 |
| STROKE | 90 | 31.10 | 1.134 | 1.087 | 1.188 |
| STROKE | 90 | 31.20 | 1.134 | 1.087 | 1.189 |
| STROKE | 90 | 31.30 | 1.134 | 1.087 | 1.189 |
| STROKE | 90 | 31.40 | 1.135 | 1.088 | 1.19  |
| STROKE | 90 | 31.50 | 1.135 | 1.088 | 1.19  |
| STROKE | 90 | 31.60 | 1.136 | 1.088 | 1.191 |
| STROKE | 90 | 31.70 | 1.136 | 1.089 | 1.191 |
| STROKE | 90 | 31.80 | 1.137 | 1.089 | 1.192 |
| STROKE | 90 | 31.90 | 1.137 | 1.089 | 1.192 |
| STROKE | 90 | 32.00 | 1.137 | 1.09  | 1.193 |
| STROKE | 90 | 32.10 | 1.138 | 1.09  | 1.193 |
| STROKE | 90 | 32.20 | 1.138 | 1.091 | 1.194 |
| STROKE | 90 | 32.30 | 1.139 | 1.091 | 1.194 |
| STROKE | 90 | 32.40 | 1.139 | 1.091 | 1.195 |
| STROKE | 90 | 32.50 | 1.14  | 1.092 | 1.195 |
| STROKE | 90 | 32.60 | 1.14  | 1.092 | 1.196 |
| STROKE | 90 | 32.70 | 1.14  | 1.092 | 1.196 |
| STROKE | 90 | 32.80 | 1.141 | 1.093 | 1.197 |
| STROKE | 90 | 32.90 | 1.141 | 1.093 | 1.197 |
| STROKE | 90 | 33.00 | 1.142 | 1.094 | 1.198 |
| STROKE | 90 | 33.10 | 1.142 | 1.094 | 1.198 |
| STROKE | 90 | 33.20 | 1.143 | 1.094 | 1.198 |
| STROKE | 90 | 33.30 | 1.143 | 1.095 | 1.199 |
| STROKE | 90 | 33.40 | 1.143 | 1.095 | 1.199 |
| STROKE | 90 | 33.50 | 1.144 | 1.096 | 1.2   |
| STROKE | 90 | 33.60 | 1.144 | 1.096 | 1.2   |
| STROKE | 90 | 33.70 | 1.145 | 1.096 | 1.2   |
| STROKE | 90 | 33.80 | 1.145 | 1.097 | 1.201 |
| STROKE | 90 | 33.90 | 1.146 | 1.097 | 1.201 |
| STROKE | 90 | 34.00 | 1.146 | 1.097 | 1.202 |
| STROKE | 90 | 34.10 | 1.146 | 1.098 | 1.202 |
| STROKE | 90 | 34.20 | 1.147 | 1.098 | 1.202 |
| STROKE | 90 | 34.30 | 1.147 | 1.099 | 1.203 |
| STROKE | 90 | 34.40 | 1.148 | 1.099 | 1.203 |
| STROKE | 90 | 34.50 | 1.148 | 1.099 | 1.204 |
| STROKE | 90 | 34.60 | 1.148 | 1.1   | 1.204 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 34.70 | 1.149 | 1.1   | 1.204 |
| STROKE | 90 | 34.80 | 1.149 | 1.1   | 1.205 |
| STROKE | 90 | 34.90 | 1.15  | 1.101 | 1.205 |
| STROKE | 90 | 35.00 | 1.15  | 1.101 | 1.206 |
| STROKE | 90 | 35.10 | 1.151 | 1.101 | 1.206 |
| STROKE | 90 | 35.20 | 1.151 | 1.102 | 1.207 |
| STROKE | 90 | 35.30 | 1.151 | 1.102 | 1.207 |
| STROKE | 90 | 35.40 | 1.152 | 1.102 | 1.208 |
| STROKE | 90 | 35.50 | 1.152 | 1.103 | 1.208 |
| STROKE | 90 | 35.60 | 1.153 | 1.103 | 1.209 |
| STROKE | 90 | 35.70 | 1.153 | 1.103 | 1.209 |
| STROKE | 90 | 35.80 | 1.153 | 1.104 | 1.21  |
| STROKE | 90 | 35.90 | 1.154 | 1.104 | 1.21  |
| STROKE | 90 | 36.00 | 1.154 | 1.104 | 1.211 |
| STROKE | 90 | 36.10 | 1.155 | 1.105 | 1.211 |
| STROKE | 90 | 36.20 | 1.155 | 1.105 | 1.212 |
| STROKE | 90 | 36.30 | 1.155 | 1.106 | 1.212 |
| STROKE | 90 | 36.40 | 1.156 | 1.106 | 1.212 |
| STROKE | 90 | 36.50 | 1.156 | 1.106 | 1.213 |
| STROKE | 90 | 36.60 | 1.157 | 1.107 | 1.213 |
| STROKE | 90 | 36.70 | 1.157 | 1.107 | 1.214 |
| STROKE | 90 | 36.80 | 1.158 | 1.108 | 1.214 |
| STROKE | 90 | 36.90 | 1.158 | 1.108 | 1.215 |
| STROKE | 90 | 37.00 | 1.158 | 1.108 | 1.215 |
| STROKE | 90 | 37.10 | 1.159 | 1.109 | 1.215 |
| STROKE | 90 | 37.20 | 1.159 | 1.109 | 1.216 |
| STROKE | 90 | 37.30 | 1.16  | 1.109 | 1.216 |
| STROKE | 90 | 37.40 | 1.16  | 1.11  | 1.217 |
| STROKE | 90 | 37.50 | 1.16  | 1.11  | 1.217 |
| STROKE | 90 | 37.60 | 1.161 | 1.111 | 1.217 |
| STROKE | 90 | 37.70 | 1.161 | 1.111 | 1.218 |
| STROKE | 90 | 37.80 | 1.162 | 1.111 | 1.218 |
| STROKE | 90 | 37.90 | 1.162 | 1.112 | 1.218 |
| STROKE | 90 | 38.00 | 1.162 | 1.112 | 1.219 |
| STROKE | 90 | 38.10 | 1.163 | 1.112 | 1.219 |
| STROKE | 90 | 38.20 | 1.163 | 1.113 | 1.22  |
| STROKE | 90 | 38.30 | 1.164 | 1.113 | 1.22  |
| STROKE | 90 | 38.40 | 1.164 | 1.113 | 1.22  |
| STROKE | 90 | 38.50 | 1.164 | 1.114 | 1.221 |
| STROKE | 90 | 38.60 | 1.165 | 1.114 | 1.221 |
| STROKE | 90 | 38.70 | 1.165 | 1.114 | 1.222 |
| STROKE | 90 | 38.80 | 1.166 | 1.115 | 1.222 |
| STROKE | 90 | 38.90 | 1.166 | 1.115 | 1.223 |
| STROKE | 90 | 39.00 | 1.166 | 1.115 | 1.223 |
| STROKE | 90 | 39.10 | 1.167 | 1.116 | 1.223 |
| STROKE | 90 | 39.20 | 1.167 | 1.116 | 1.224 |
| STROKE | 90 | 39.30 | 1.167 | 1.116 | 1.224 |
| STROKE | 90 | 39.40 | 1.168 | 1.117 | 1.225 |
| STROKE | 90 | 39.50 | 1.168 | 1.117 | 1.225 |
| STROKE | 90 | 39.60 | 1.169 | 1.117 | 1.225 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 39.70 | 1.169 | 1.118 | 1.226 |
| STROKE | 90 | 39.80 | 1.169 | 1.118 | 1.226 |
| STROKE | 90 | 39.90 | 1.17  | 1.118 | 1.227 |
| STROKE | 90 | 40.00 | 1.17  | 1.119 | 1.227 |
| STROKE | 90 | 40.10 | 1.171 | 1.119 | 1.227 |
| STROKE | 90 | 40.20 | 1.171 | 1.119 | 1.228 |
| STROKE | 90 | 40.30 | 1.171 | 1.119 | 1.228 |
| STROKE | 90 | 40.40 | 1.172 | 1.12  | 1.229 |
| STROKE | 90 | 40.50 | 1.172 | 1.12  | 1.229 |
| STROKE | 90 | 40.60 | 1.173 | 1.12  | 1.23  |
| STROKE | 90 | 40.70 | 1.173 | 1.12  | 1.23  |
| STROKE | 90 | 40.80 | 1.173 | 1.121 | 1.231 |
| STROKE | 90 | 40.90 | 1.174 | 1.121 | 1.231 |
| STROKE | 90 | 41.00 | 1.174 | 1.121 | 1.232 |
| STROKE | 90 | 41.10 | 1.174 | 1.122 | 1.232 |
| STROKE | 90 | 41.20 | 1.175 | 1.122 | 1.232 |
| STROKE | 90 | 41.30 | 1.175 | 1.122 | 1.233 |
| STROKE | 90 | 41.40 | 1.176 | 1.122 | 1.233 |
| STROKE | 90 | 41.50 | 1.176 | 1.123 | 1.234 |
| STROKE | 90 | 41.60 | 1.176 | 1.123 | 1.234 |
| STROKE | 90 | 41.70 | 1.177 | 1.123 | 1.234 |
| STROKE | 90 | 41.80 | 1.177 | 1.124 | 1.235 |
| STROKE | 90 | 41.90 | 1.177 | 1.124 | 1.235 |
| STROKE | 90 | 42.00 | 1.178 | 1.124 | 1.235 |
| STROKE | 90 | 42.10 | 1.178 | 1.125 | 1.236 |
| STROKE | 90 | 42.20 | 1.179 | 1.125 | 1.236 |
| STROKE | 90 | 42.30 | 1.179 | 1.125 | 1.236 |
| STROKE | 90 | 42.40 | 1.179 | 1.126 | 1.237 |
| STROKE | 90 | 42.50 | 1.18  | 1.126 | 1.237 |
| STROKE | 90 | 42.60 | 1.18  | 1.126 | 1.238 |
| STROKE | 90 | 42.70 | 1.18  | 1.127 | 1.238 |
| STROKE | 90 | 42.80 | 1.181 | 1.127 | 1.238 |
| STROKE | 90 | 42.90 | 1.181 | 1.127 | 1.239 |
| STROKE | 90 | 43.00 | 1.182 | 1.128 | 1.239 |
| STROKE | 90 | 43.10 | 1.182 | 1.128 | 1.239 |
| STROKE | 90 | 43.20 | 1.182 | 1.128 | 1.24  |
| STROKE | 90 | 43.30 | 1.183 | 1.129 | 1.24  |
| STROKE | 90 | 43.40 | 1.183 | 1.129 | 1.241 |
| STROKE | 90 | 43.50 | 1.183 | 1.129 | 1.241 |
| STROKE | 90 | 43.60 | 1.184 | 1.13  | 1.242 |
| STROKE | 90 | 43.70 | 1.184 | 1.13  | 1.242 |
| STROKE | 90 | 43.80 | 1.185 | 1.13  | 1.242 |
| STROKE | 90 | 43.90 | 1.185 | 1.131 | 1.243 |
| STROKE | 90 | 44.00 | 1.185 | 1.131 | 1.243 |
| STROKE | 90 | 44.10 | 1.186 | 1.131 | 1.244 |
| STROKE | 90 | 44.20 | 1.186 | 1.132 | 1.244 |
| STROKE | 90 | 44.30 | 1.186 | 1.132 | 1.244 |
| STROKE | 90 | 44.40 | 1.187 | 1.132 | 1.245 |
| STROKE | 90 | 44.50 | 1.187 | 1.133 | 1.245 |
| STROKE | 90 | 44.60 | 1.187 | 1.133 | 1.246 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 44.70 | 1.188 | 1.133 | 1.246 |
| STROKE | 90 | 44.80 | 1.188 | 1.134 | 1.246 |
| STROKE | 90 | 44.90 | 1.189 | 1.134 | 1.247 |
| STROKE | 90 | 45.00 | 1.189 | 1.134 | 1.247 |
| STROKE | 90 | 45.10 | 1.189 | 1.135 | 1.247 |
| STROKE | 90 | 45.20 | 1.19  | 1.135 | 1.248 |
| STROKE | 90 | 45.30 | 1.19  | 1.135 | 1.248 |
| STROKE | 90 | 45.40 | 1.19  | 1.135 | 1.248 |
| STROKE | 90 | 45.50 | 1.191 | 1.136 | 1.249 |
| STROKE | 90 | 45.60 | 1.191 | 1.136 | 1.249 |
| STROKE | 90 | 45.70 | 1.191 | 1.136 | 1.25  |
| STROKE | 90 | 45.80 | 1.192 | 1.136 | 1.25  |
| STROKE | 90 | 45.90 | 1.192 | 1.137 | 1.25  |
| STROKE | 90 | 46.00 | 1.192 | 1.137 | 1.251 |
| STROKE | 90 | 46.10 | 1.193 | 1.137 | 1.251 |
| STROKE | 90 | 46.20 | 1.193 | 1.138 | 1.252 |
| STROKE | 90 | 46.30 | 1.194 | 1.138 | 1.252 |
| STROKE | 90 | 46.40 | 1.194 | 1.138 | 1.252 |
| STROKE | 90 | 46.50 | 1.194 | 1.139 | 1.253 |
| STROKE | 90 | 46.60 | 1.195 | 1.139 | 1.253 |
| STROKE | 90 | 46.70 | 1.195 | 1.139 | 1.254 |
| STROKE | 90 | 46.80 | 1.195 | 1.139 | 1.254 |
| STROKE | 90 | 46.90 | 1.196 | 1.14  | 1.255 |
| STROKE | 90 | 47.00 | 1.196 | 1.14  | 1.255 |
| STROKE | 90 | 47.10 | 1.196 | 1.14  | 1.256 |
| STROKE | 90 | 47.20 | 1.197 | 1.141 | 1.256 |
| STROKE | 90 | 47.30 | 1.197 | 1.141 | 1.256 |
| STROKE | 90 | 47.40 | 1.197 | 1.141 | 1.257 |
| STROKE | 90 | 47.50 | 1.198 | 1.141 | 1.257 |
| STROKE | 90 | 47.60 | 1.198 | 1.142 | 1.258 |
| STROKE | 90 | 47.70 | 1.198 | 1.142 | 1.258 |
| STROKE | 90 | 47.80 | 1.199 | 1.142 | 1.258 |
| STROKE | 90 | 47.90 | 1.199 | 1.142 | 1.259 |
| STROKE | 90 | 48.00 | 1.199 | 1.143 | 1.259 |
| STROKE | 90 | 48.10 | 1.2   | 1.143 | 1.259 |
| STROKE | 90 | 48.20 | 1.2   | 1.143 | 1.26  |
| STROKE | 90 | 48.30 | 1.2   | 1.144 | 1.26  |
| STROKE | 90 | 48.40 | 1.201 | 1.144 | 1.261 |
| STROKE | 90 | 48.50 | 1.201 | 1.144 | 1.261 |
| STROKE | 90 | 48.60 | 1.201 | 1.145 | 1.261 |
| STROKE | 90 | 48.70 | 1.202 | 1.145 | 1.262 |
| STROKE | 90 | 48.80 | 1.202 | 1.145 | 1.262 |
| STROKE | 90 | 48.90 | 1.202 | 1.146 | 1.262 |
| STROKE | 90 | 49.00 | 1.203 | 1.146 | 1.263 |
| STROKE | 90 | 49.10 | 1.203 | 1.146 | 1.263 |
| STROKE | 90 | 49.20 | 1.204 | 1.146 | 1.264 |
| STROKE | 90 | 49.30 | 1.204 | 1.147 | 1.264 |
| STROKE | 90 | 49.40 | 1.204 | 1.147 | 1.264 |
| STROKE | 90 | 49.50 | 1.204 | 1.147 | 1.265 |
| STROKE | 90 | 49.60 | 1.205 | 1.148 | 1.265 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 90 | 49.70 | 1.205 | 1.148 | 1.266 |
| STROKE | 90 | 49.80 | 1.205 | 1.148 | 1.266 |
| STROKE | 90 | 49.90 | 1.206 | 1.148 | 1.267 |
| STROKE | 95 | 0.00  | 1     | 1     | 1     |
| STROKE | 95 | 0.10  | 1     | 1     | 1     |
| STROKE | 95 | 0.20  | 1     | 1     | 1     |
| STROKE | 95 | 0.30  | 1     | 1     | 1     |
| STROKE | 95 | 0.40  | 1     | 1     | 1     |
| STROKE | 95 | 0.50  | 1     | 1     | 1     |
| STROKE | 95 | 0.60  | 1     | 1     | 1     |
| STROKE | 95 | 0.70  | 1     | 1     | 1     |
| STROKE | 95 | 0.80  | 1     | 1     | 1     |
| STROKE | 95 | 0.90  | 1     | 1     | 1     |
| STROKE | 95 | 1.00  | 1     | 1     | 1     |
| STROKE | 95 | 1.10  | 1     | 1     | 1     |
| STROKE | 95 | 1.20  | 1     | 1     | 1     |
| STROKE | 95 | 1.30  | 1     | 1     | 1     |
| STROKE | 95 | 1.40  | 1     | 1     | 1     |
| STROKE | 95 | 1.50  | 1     | 1     | 1     |
| STROKE | 95 | 1.60  | 1     | 1     | 1     |
| STROKE | 95 | 1.70  | 1     | 1     | 1     |
| STROKE | 95 | 1.80  | 1     | 1     | 1     |
| STROKE | 95 | 1.90  | 1     | 1     | 1     |
| STROKE | 95 | 2.00  | 1     | 1     | 1     |
| STROKE | 95 | 2.10  | 1     | 1     | 1     |
| STROKE | 95 | 2.20  | 1     | 1     | 1     |
| STROKE | 95 | 2.30  | 1     | 1     | 1     |
| STROKE | 95 | 2.40  | 1     | 1     | 1.001 |
| STROKE | 95 | 2.50  | 1     | 1     | 1.001 |
| STROKE | 95 | 2.60  | 1     | 1     | 1.002 |
| STROKE | 95 | 2.70  | 1     | 1     | 1.003 |
| STROKE | 95 | 2.80  | 1     | 1     | 1.004 |
| STROKE | 95 | 2.90  | 1     | 1     | 1.004 |
| STROKE | 95 | 3.00  | 1     | 1     | 1.005 |
| STROKE | 95 | 3.10  | 1     | 1     | 1.006 |
| STROKE | 95 | 3.20  | 1.001 | 1     | 1.007 |
| STROKE | 95 | 3.30  | 1.001 | 1     | 1.008 |
| STROKE | 95 | 3.40  | 1.001 | 1     | 1.008 |
| STROKE | 95 | 3.50  | 1.001 | 1     | 1.009 |
| STROKE | 95 | 3.60  | 1.001 | 1     | 1.01  |
| STROKE | 95 | 3.70  | 1.001 | 1     | 1.011 |
| STROKE | 95 | 3.80  | 1.001 | 1     | 1.011 |
| STROKE | 95 | 3.90  | 1.001 | 1     | 1.012 |
| STROKE | 95 | 4.00  | 1.001 | 1     | 1.013 |
| STROKE | 95 | 4.10  | 1.002 | 1     | 1.014 |
| STROKE | 95 | 4.20  | 1.002 | 1     | 1.014 |
| STROKE | 95 | 4.30  | 1.002 | 1     | 1.015 |
| STROKE | 95 | 4.40  | 1.002 | 1     | 1.016 |
| STROKE | 95 | 4.50  | 1.002 | 1     | 1.017 |
| STROKE | 95 | 4.60  | 1.002 | 1     | 1.017 |

|        |    |      |       |   |       |
|--------|----|------|-------|---|-------|
| STROKE | 95 | 4.70 | 1.003 | 1 | 1.018 |
| STROKE | 95 | 4.80 | 1.003 | 1 | 1.019 |
| STROKE | 95 | 4.90 | 1.003 | 1 | 1.02  |
| STROKE | 95 | 5.00 | 1.003 | 1 | 1.02  |
| STROKE | 95 | 5.10 | 1.003 | 1 | 1.021 |
| STROKE | 95 | 5.20 | 1.004 | 1 | 1.022 |
| STROKE | 95 | 5.30 | 1.004 | 1 | 1.022 |
| STROKE | 95 | 5.40 | 1.004 | 1 | 1.023 |
| STROKE | 95 | 5.50 | 1.004 | 1 | 1.024 |
| STROKE | 95 | 5.60 | 1.005 | 1 | 1.024 |
| STROKE | 95 | 5.70 | 1.005 | 1 | 1.025 |
| STROKE | 95 | 5.80 | 1.005 | 1 | 1.026 |
| STROKE | 95 | 5.90 | 1.006 | 1 | 1.026 |
| STROKE | 95 | 6.00 | 1.006 | 1 | 1.027 |
| STROKE | 95 | 6.10 | 1.006 | 1 | 1.028 |
| STROKE | 95 | 6.20 | 1.007 | 1 | 1.028 |
| STROKE | 95 | 6.30 | 1.007 | 1 | 1.029 |
| STROKE | 95 | 6.40 | 1.007 | 1 | 1.03  |
| STROKE | 95 | 6.50 | 1.008 | 1 | 1.03  |
| STROKE | 95 | 6.60 | 1.008 | 1 | 1.031 |
| STROKE | 95 | 6.70 | 1.008 | 1 | 1.031 |
| STROKE | 95 | 6.80 | 1.009 | 1 | 1.032 |
| STROKE | 95 | 6.90 | 1.009 | 1 | 1.033 |
| STROKE | 95 | 7.00 | 1.009 | 1 | 1.033 |
| STROKE | 95 | 7.10 | 1.01  | 1 | 1.034 |
| STROKE | 95 | 7.20 | 1.01  | 1 | 1.035 |
| STROKE | 95 | 7.30 | 1.01  | 1 | 1.035 |
| STROKE | 95 | 7.40 | 1.011 | 1 | 1.036 |
| STROKE | 95 | 7.50 | 1.011 | 1 | 1.037 |
| STROKE | 95 | 7.60 | 1.012 | 1 | 1.037 |
| STROKE | 95 | 7.70 | 1.012 | 1 | 1.038 |
| STROKE | 95 | 7.80 | 1.012 | 1 | 1.038 |
| STROKE | 95 | 7.90 | 1.013 | 1 | 1.039 |
| STROKE | 95 | 8.00 | 1.013 | 1 | 1.04  |
| STROKE | 95 | 8.10 | 1.013 | 1 | 1.04  |
| STROKE | 95 | 8.20 | 1.014 | 1 | 1.041 |
| STROKE | 95 | 8.30 | 1.014 | 1 | 1.042 |
| STROKE | 95 | 8.40 | 1.015 | 1 | 1.042 |
| STROKE | 95 | 8.50 | 1.015 | 1 | 1.043 |
| STROKE | 95 | 8.60 | 1.016 | 1 | 1.044 |
| STROKE | 95 | 8.70 | 1.016 | 1 | 1.044 |
| STROKE | 95 | 8.80 | 1.016 | 1 | 1.045 |
| STROKE | 95 | 8.90 | 1.017 | 1 | 1.045 |
| STROKE | 95 | 9.00 | 1.017 | 1 | 1.046 |
| STROKE | 95 | 9.10 | 1.018 | 1 | 1.047 |
| STROKE | 95 | 9.20 | 1.018 | 1 | 1.047 |
| STROKE | 95 | 9.30 | 1.018 | 1 | 1.048 |
| STROKE | 95 | 9.40 | 1.019 | 1 | 1.049 |
| STROKE | 95 | 9.50 | 1.019 | 1 | 1.049 |
| STROKE | 95 | 9.60 | 1.02  | 1 | 1.05  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 9.70  | 1.02  | 1     | 1.051 |
| STROKE | 95 | 9.80  | 1.02  | 1     | 1.051 |
| STROKE | 95 | 9.90  | 1.021 | 1.001 | 1.052 |
| STROKE | 95 | 10.00 | 1.021 | 1.001 | 1.052 |
| STROKE | 95 | 10.10 | 1.022 | 1.001 | 1.053 |
| STROKE | 95 | 10.20 | 1.022 | 1.001 | 1.054 |
| STROKE | 95 | 10.30 | 1.023 | 1.002 | 1.054 |
| STROKE | 95 | 10.40 | 1.023 | 1.002 | 1.055 |
| STROKE | 95 | 10.50 | 1.023 | 1.002 | 1.055 |
| STROKE | 95 | 10.60 | 1.024 | 1.003 | 1.056 |
| STROKE | 95 | 10.70 | 1.024 | 1.003 | 1.056 |
| STROKE | 95 | 10.80 | 1.025 | 1.003 | 1.057 |
| STROKE | 95 | 10.90 | 1.025 | 1.004 | 1.057 |
| STROKE | 95 | 11.00 | 1.025 | 1.004 | 1.058 |
| STROKE | 95 | 11.10 | 1.026 | 1.004 | 1.058 |
| STROKE | 95 | 11.20 | 1.026 | 1.004 | 1.059 |
| STROKE | 95 | 11.30 | 1.027 | 1.005 | 1.06  |
| STROKE | 95 | 11.40 | 1.027 | 1.005 | 1.06  |
| STROKE | 95 | 11.50 | 1.028 | 1.005 | 1.061 |
| STROKE | 95 | 11.60 | 1.028 | 1.006 | 1.061 |
| STROKE | 95 | 11.70 | 1.028 | 1.006 | 1.062 |
| STROKE | 95 | 11.80 | 1.029 | 1.006 | 1.062 |
| STROKE | 95 | 11.90 | 1.029 | 1.007 | 1.063 |
| STROKE | 95 | 12.00 | 1.03  | 1.007 | 1.063 |
| STROKE | 95 | 12.10 | 1.03  | 1.007 | 1.064 |
| STROKE | 95 | 12.20 | 1.03  | 1.008 | 1.064 |
| STROKE | 95 | 12.30 | 1.031 | 1.008 | 1.065 |
| STROKE | 95 | 12.40 | 1.031 | 1.008 | 1.065 |
| STROKE | 95 | 12.50 | 1.032 | 1.009 | 1.066 |
| STROKE | 95 | 12.60 | 1.032 | 1.009 | 1.066 |
| STROKE | 95 | 12.70 | 1.032 | 1.009 | 1.066 |
| STROKE | 95 | 12.80 | 1.033 | 1.01  | 1.067 |
| STROKE | 95 | 12.90 | 1.033 | 1.01  | 1.067 |
| STROKE | 95 | 13.00 | 1.034 | 1.01  | 1.068 |
| STROKE | 95 | 13.10 | 1.034 | 1.011 | 1.068 |
| STROKE | 95 | 13.20 | 1.034 | 1.011 | 1.069 |
| STROKE | 95 | 13.30 | 1.035 | 1.011 | 1.069 |
| STROKE | 95 | 13.40 | 1.035 | 1.012 | 1.07  |
| STROKE | 95 | 13.50 | 1.036 | 1.012 | 1.07  |
| STROKE | 95 | 13.60 | 1.036 | 1.012 | 1.071 |
| STROKE | 95 | 13.70 | 1.036 | 1.012 | 1.071 |
| STROKE | 95 | 13.80 | 1.037 | 1.013 | 1.071 |
| STROKE | 95 | 13.90 | 1.037 | 1.013 | 1.072 |
| STROKE | 95 | 14.00 | 1.038 | 1.013 | 1.072 |
| STROKE | 95 | 14.10 | 1.038 | 1.014 | 1.073 |
| STROKE | 95 | 14.20 | 1.038 | 1.014 | 1.073 |
| STROKE | 95 | 14.30 | 1.039 | 1.014 | 1.074 |
| STROKE | 95 | 14.40 | 1.039 | 1.015 | 1.074 |
| STROKE | 95 | 14.50 | 1.04  | 1.015 | 1.074 |
| STROKE | 95 | 14.60 | 1.04  | 1.015 | 1.075 |



|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 14.70 | 1.04  | 1.016 | 1.075 |
| STROKE | 95 | 14.80 | 1.041 | 1.016 | 1.075 |
| STROKE | 95 | 14.90 | 1.041 | 1.016 | 1.076 |
| STROKE | 95 | 15.00 | 1.042 | 1.017 | 1.076 |
| STROKE | 95 | 15.10 | 1.042 | 1.017 | 1.077 |
| STROKE | 95 | 15.20 | 1.042 | 1.017 | 1.077 |
| STROKE | 95 | 15.30 | 1.043 | 1.018 | 1.077 |
| STROKE | 95 | 15.40 | 1.043 | 1.018 | 1.078 |
| STROKE | 95 | 15.50 | 1.043 | 1.018 | 1.078 |
| STROKE | 95 | 15.60 | 1.044 | 1.018 | 1.078 |
| STROKE | 95 | 15.70 | 1.044 | 1.019 | 1.079 |
| STROKE | 95 | 15.80 | 1.045 | 1.019 | 1.079 |
| STROKE | 95 | 15.90 | 1.045 | 1.019 | 1.079 |
| STROKE | 95 | 16.00 | 1.045 | 1.02  | 1.08  |
| STROKE | 95 | 16.10 | 1.046 | 1.02  | 1.08  |
| STROKE | 95 | 16.20 | 1.046 | 1.02  | 1.081 |
| STROKE | 95 | 16.30 | 1.047 | 1.021 | 1.081 |
| STROKE | 95 | 16.40 | 1.047 | 1.021 | 1.081 |
| STROKE | 95 | 16.50 | 1.047 | 1.021 | 1.082 |
| STROKE | 95 | 16.60 | 1.048 | 1.022 | 1.082 |
| STROKE | 95 | 16.70 | 1.048 | 1.022 | 1.082 |
| STROKE | 95 | 16.80 | 1.048 | 1.022 | 1.083 |
| STROKE | 95 | 16.90 | 1.049 | 1.023 | 1.083 |
| STROKE | 95 | 17.00 | 1.049 | 1.023 | 1.083 |
| STROKE | 95 | 17.10 | 1.05  | 1.023 | 1.084 |
| STROKE | 95 | 17.20 | 1.05  | 1.024 | 1.084 |
| STROKE | 95 | 17.30 | 1.05  | 1.024 | 1.085 |
| STROKE | 95 | 17.40 | 1.051 | 1.024 | 1.085 |
| STROKE | 95 | 17.50 | 1.051 | 1.025 | 1.085 |
| STROKE | 95 | 17.60 | 1.051 | 1.025 | 1.086 |
| STROKE | 95 | 17.70 | 1.052 | 1.025 | 1.086 |
| STROKE | 95 | 17.80 | 1.052 | 1.025 | 1.087 |
| STROKE | 95 | 17.90 | 1.053 | 1.026 | 1.087 |
| STROKE | 95 | 18.00 | 1.053 | 1.026 | 1.087 |
| STROKE | 95 | 18.10 | 1.053 | 1.026 | 1.088 |
| STROKE | 95 | 18.20 | 1.054 | 1.027 | 1.088 |
| STROKE | 95 | 18.30 | 1.054 | 1.027 | 1.089 |
| STROKE | 95 | 18.40 | 1.054 | 1.027 | 1.089 |
| STROKE | 95 | 18.50 | 1.055 | 1.028 | 1.09  |
| STROKE | 95 | 18.60 | 1.055 | 1.028 | 1.09  |
| STROKE | 95 | 18.70 | 1.056 | 1.028 | 1.09  |
| STROKE | 95 | 18.80 | 1.056 | 1.028 | 1.091 |
| STROKE | 95 | 18.90 | 1.056 | 1.029 | 1.091 |
| STROKE | 95 | 19.00 | 1.057 | 1.029 | 1.092 |
| STROKE | 95 | 19.10 | 1.057 | 1.029 | 1.092 |
| STROKE | 95 | 19.20 | 1.057 | 1.03  | 1.092 |
| STROKE | 95 | 19.30 | 1.058 | 1.03  | 1.093 |
| STROKE | 95 | 19.40 | 1.058 | 1.03  | 1.093 |
| STROKE | 95 | 19.50 | 1.059 | 1.031 | 1.094 |
| STROKE | 95 | 19.60 | 1.059 | 1.031 | 1.094 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 19.70 | 1.059 | 1.031 | 1.094 |
| STROKE | 95 | 19.80 | 1.06  | 1.031 | 1.095 |
| STROKE | 95 | 19.90 | 1.06  | 1.032 | 1.095 |
| STROKE | 95 | 20.00 | 1.06  | 1.032 | 1.095 |
| STROKE | 95 | 20.10 | 1.061 | 1.032 | 1.096 |
| STROKE | 95 | 20.20 | 1.061 | 1.033 | 1.096 |
| STROKE | 95 | 20.30 | 1.061 | 1.033 | 1.096 |
| STROKE | 95 | 20.40 | 1.062 | 1.033 | 1.097 |
| STROKE | 95 | 20.50 | 1.062 | 1.034 | 1.097 |
| STROKE | 95 | 20.60 | 1.063 | 1.034 | 1.098 |
| STROKE | 95 | 20.70 | 1.063 | 1.034 | 1.098 |
| STROKE | 95 | 20.80 | 1.063 | 1.034 | 1.098 |
| STROKE | 95 | 20.90 | 1.064 | 1.035 | 1.099 |
| STROKE | 95 | 21.00 | 1.064 | 1.035 | 1.099 |
| STROKE | 95 | 21.10 | 1.064 | 1.035 | 1.099 |
| STROKE | 95 | 21.20 | 1.065 | 1.036 | 1.1   |
| STROKE | 95 | 21.30 | 1.065 | 1.036 | 1.1   |
| STROKE | 95 | 21.40 | 1.065 | 1.036 | 1.101 |
| STROKE | 95 | 21.50 | 1.066 | 1.037 | 1.101 |
| STROKE | 95 | 21.60 | 1.066 | 1.037 | 1.101 |
| STROKE | 95 | 21.70 | 1.066 | 1.037 | 1.102 |
| STROKE | 95 | 21.80 | 1.067 | 1.038 | 1.102 |
| STROKE | 95 | 21.90 | 1.067 | 1.038 | 1.103 |
| STROKE | 95 | 22.00 | 1.068 | 1.038 | 1.103 |
| STROKE | 95 | 22.10 | 1.068 | 1.039 | 1.103 |
| STROKE | 95 | 22.20 | 1.068 | 1.039 | 1.104 |
| STROKE | 95 | 22.30 | 1.069 | 1.039 | 1.104 |
| STROKE | 95 | 22.40 | 1.069 | 1.039 | 1.105 |
| STROKE | 95 | 22.50 | 1.069 | 1.04  | 1.105 |
| STROKE | 95 | 22.60 | 1.07  | 1.04  | 1.105 |
| STROKE | 95 | 22.70 | 1.07  | 1.04  | 1.106 |
| STROKE | 95 | 22.80 | 1.07  | 1.041 | 1.106 |
| STROKE | 95 | 22.90 | 1.071 | 1.041 | 1.107 |
| STROKE | 95 | 23.00 | 1.071 | 1.041 | 1.107 |
| STROKE | 95 | 23.10 | 1.071 | 1.042 | 1.108 |
| STROKE | 95 | 23.20 | 1.072 | 1.042 | 1.108 |
| STROKE | 95 | 23.30 | 1.072 | 1.042 | 1.108 |
| STROKE | 95 | 23.40 | 1.072 | 1.042 | 1.109 |
| STROKE | 95 | 23.50 | 1.073 | 1.043 | 1.109 |
| STROKE | 95 | 23.60 | 1.073 | 1.043 | 1.109 |
| STROKE | 95 | 23.70 | 1.074 | 1.043 | 1.11  |
| STROKE | 95 | 23.80 | 1.074 | 1.043 | 1.11  |
| STROKE | 95 | 23.90 | 1.074 | 1.044 | 1.111 |
| STROKE | 95 | 24.00 | 1.075 | 1.044 | 1.111 |
| STROKE | 95 | 24.10 | 1.075 | 1.044 | 1.111 |
| STROKE | 95 | 24.20 | 1.075 | 1.044 | 1.112 |
| STROKE | 95 | 24.30 | 1.076 | 1.045 | 1.112 |
| STROKE | 95 | 24.40 | 1.076 | 1.045 | 1.112 |
| STROKE | 95 | 24.50 | 1.076 | 1.045 | 1.113 |
| STROKE | 95 | 24.60 | 1.077 | 1.046 | 1.113 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 24.70 | 1.077 | 1.046 | 1.113 |
| STROKE | 95 | 24.80 | 1.077 | 1.046 | 1.114 |
| STROKE | 95 | 24.90 | 1.078 | 1.046 | 1.114 |
| STROKE | 95 | 25.00 | 1.078 | 1.047 | 1.115 |
| STROKE | 95 | 25.10 | 1.078 | 1.047 | 1.115 |
| STROKE | 95 | 25.20 | 1.079 | 1.047 | 1.115 |
| STROKE | 95 | 25.30 | 1.079 | 1.047 | 1.115 |
| STROKE | 95 | 25.40 | 1.079 | 1.048 | 1.116 |
| STROKE | 95 | 25.50 | 1.08  | 1.048 | 1.116 |
| STROKE | 95 | 25.60 | 1.08  | 1.048 | 1.116 |
| STROKE | 95 | 25.70 | 1.08  | 1.049 | 1.116 |
| STROKE | 95 | 25.80 | 1.081 | 1.049 | 1.117 |
| STROKE | 95 | 25.90 | 1.081 | 1.049 | 1.117 |
| STROKE | 95 | 26.00 | 1.081 | 1.049 | 1.117 |
| STROKE | 95 | 26.10 | 1.082 | 1.05  | 1.118 |
| STROKE | 95 | 26.20 | 1.082 | 1.05  | 1.118 |
| STROKE | 95 | 26.30 | 1.082 | 1.05  | 1.118 |
| STROKE | 95 | 26.40 | 1.083 | 1.051 | 1.119 |
| STROKE | 95 | 26.50 | 1.083 | 1.051 | 1.119 |
| STROKE | 95 | 26.60 | 1.083 | 1.051 | 1.119 |
| STROKE | 95 | 26.70 | 1.084 | 1.051 | 1.12  |
| STROKE | 95 | 26.80 | 1.084 | 1.052 | 1.12  |
| STROKE | 95 | 26.90 | 1.084 | 1.052 | 1.12  |
| STROKE | 95 | 27.00 | 1.085 | 1.052 | 1.121 |
| STROKE | 95 | 27.10 | 1.085 | 1.052 | 1.121 |
| STROKE | 95 | 27.20 | 1.085 | 1.053 | 1.122 |
| STROKE | 95 | 27.30 | 1.086 | 1.053 | 1.122 |
| STROKE | 95 | 27.40 | 1.086 | 1.053 | 1.122 |
| STROKE | 95 | 27.50 | 1.086 | 1.053 | 1.123 |
| STROKE | 95 | 27.60 | 1.087 | 1.054 | 1.123 |
| STROKE | 95 | 27.70 | 1.087 | 1.054 | 1.123 |
| STROKE | 95 | 27.80 | 1.087 | 1.054 | 1.124 |
| STROKE | 95 | 27.90 | 1.088 | 1.055 | 1.124 |
| STROKE | 95 | 28.00 | 1.088 | 1.055 | 1.124 |
| STROKE | 95 | 28.10 | 1.088 | 1.055 | 1.125 |
| STROKE | 95 | 28.20 | 1.089 | 1.055 | 1.125 |
| STROKE | 95 | 28.30 | 1.089 | 1.056 | 1.125 |
| STROKE | 95 | 28.40 | 1.089 | 1.056 | 1.126 |
| STROKE | 95 | 28.50 | 1.09  | 1.056 | 1.126 |
| STROKE | 95 | 28.60 | 1.09  | 1.057 | 1.127 |
| STROKE | 95 | 28.70 | 1.09  | 1.057 | 1.127 |
| STROKE | 95 | 28.80 | 1.091 | 1.057 | 1.127 |
| STROKE | 95 | 28.90 | 1.091 | 1.058 | 1.128 |
| STROKE | 95 | 29.00 | 1.091 | 1.058 | 1.128 |
| STROKE | 95 | 29.10 | 1.092 | 1.058 | 1.128 |
| STROKE | 95 | 29.20 | 1.092 | 1.058 | 1.129 |
| STROKE | 95 | 29.30 | 1.092 | 1.059 | 1.129 |
| STROKE | 95 | 29.40 | 1.093 | 1.059 | 1.129 |
| STROKE | 95 | 29.50 | 1.093 | 1.059 | 1.13  |
| STROKE | 95 | 29.60 | 1.093 | 1.06  | 1.13  |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 29.70 | 1.094 | 1.06  | 1.13  |
| STROKE | 95 | 29.80 | 1.094 | 1.06  | 1.131 |
| STROKE | 95 | 29.90 | 1.094 | 1.061 | 1.131 |
| STROKE | 95 | 30.00 | 1.095 | 1.061 | 1.132 |
| STROKE | 95 | 30.10 | 1.095 | 1.061 | 1.132 |
| STROKE | 95 | 30.20 | 1.095 | 1.061 | 1.132 |
| STROKE | 95 | 30.30 | 1.096 | 1.062 | 1.132 |
| STROKE | 95 | 30.40 | 1.096 | 1.062 | 1.133 |
| STROKE | 95 | 30.50 | 1.096 | 1.062 | 1.133 |
| STROKE | 95 | 30.60 | 1.097 | 1.063 | 1.133 |
| STROKE | 95 | 30.70 | 1.097 | 1.063 | 1.134 |
| STROKE | 95 | 30.80 | 1.097 | 1.063 | 1.134 |
| STROKE | 95 | 30.90 | 1.097 | 1.064 | 1.134 |
| STROKE | 95 | 31.00 | 1.098 | 1.064 | 1.135 |
| STROKE | 95 | 31.10 | 1.098 | 1.064 | 1.135 |
| STROKE | 95 | 31.20 | 1.098 | 1.064 | 1.135 |
| STROKE | 95 | 31.30 | 1.099 | 1.065 | 1.136 |
| STROKE | 95 | 31.40 | 1.099 | 1.065 | 1.136 |
| STROKE | 95 | 31.50 | 1.099 | 1.065 | 1.136 |
| STROKE | 95 | 31.60 | 1.1   | 1.066 | 1.137 |
| STROKE | 95 | 31.70 | 1.1   | 1.066 | 1.137 |
| STROKE | 95 | 31.80 | 1.1   | 1.066 | 1.137 |
| STROKE | 95 | 31.90 | 1.101 | 1.067 | 1.138 |
| STROKE | 95 | 32.00 | 1.101 | 1.067 | 1.138 |
| STROKE | 95 | 32.10 | 1.101 | 1.067 | 1.138 |
| STROKE | 95 | 32.20 | 1.102 | 1.067 | 1.139 |
| STROKE | 95 | 32.30 | 1.102 | 1.068 | 1.139 |
| STROKE | 95 | 32.40 | 1.102 | 1.068 | 1.139 |
| STROKE | 95 | 32.50 | 1.103 | 1.068 | 1.14  |
| STROKE | 95 | 32.60 | 1.103 | 1.068 | 1.14  |
| STROKE | 95 | 32.70 | 1.103 | 1.069 | 1.14  |
| STROKE | 95 | 32.80 | 1.103 | 1.069 | 1.141 |
| STROKE | 95 | 32.90 | 1.104 | 1.069 | 1.141 |
| STROKE | 95 | 33.00 | 1.104 | 1.07  | 1.141 |
| STROKE | 95 | 33.10 | 1.104 | 1.07  | 1.142 |
| STROKE | 95 | 33.20 | 1.105 | 1.07  | 1.142 |
| STROKE | 95 | 33.30 | 1.105 | 1.07  | 1.142 |
| STROKE | 95 | 33.40 | 1.105 | 1.071 | 1.143 |
| STROKE | 95 | 33.50 | 1.106 | 1.071 | 1.143 |
| STROKE | 95 | 33.60 | 1.106 | 1.071 | 1.143 |
| STROKE | 95 | 33.70 | 1.106 | 1.071 | 1.144 |
| STROKE | 95 | 33.80 | 1.107 | 1.072 | 1.144 |
| STROKE | 95 | 33.90 | 1.107 | 1.072 | 1.144 |
| STROKE | 95 | 34.00 | 1.107 | 1.072 | 1.145 |
| STROKE | 95 | 34.10 | 1.107 | 1.072 | 1.145 |
| STROKE | 95 | 34.20 | 1.108 | 1.073 | 1.145 |
| STROKE | 95 | 34.30 | 1.108 | 1.073 | 1.146 |
| STROKE | 95 | 34.40 | 1.108 | 1.073 | 1.146 |
| STROKE | 95 | 34.50 | 1.109 | 1.073 | 1.146 |
| STROKE | 95 | 34.60 | 1.109 | 1.074 | 1.146 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 34.70 | 1.109 | 1.074 | 1.147 |
| STROKE | 95 | 34.80 | 1.11  | 1.074 | 1.147 |
| STROKE | 95 | 34.90 | 1.11  | 1.075 | 1.147 |
| STROKE | 95 | 35.00 | 1.11  | 1.075 | 1.148 |
| STROKE | 95 | 35.10 | 1.111 | 1.075 | 1.148 |
| STROKE | 95 | 35.20 | 1.111 | 1.075 | 1.148 |
| STROKE | 95 | 35.30 | 1.111 | 1.076 | 1.149 |
| STROKE | 95 | 35.40 | 1.111 | 1.076 | 1.149 |
| STROKE | 95 | 35.50 | 1.112 | 1.076 | 1.149 |
| STROKE | 95 | 35.60 | 1.112 | 1.076 | 1.149 |
| STROKE | 95 | 35.70 | 1.112 | 1.077 | 1.15  |
| STROKE | 95 | 35.80 | 1.113 | 1.077 | 1.15  |
| STROKE | 95 | 35.90 | 1.113 | 1.077 | 1.15  |
| STROKE | 95 | 36.00 | 1.113 | 1.077 | 1.151 |
| STROKE | 95 | 36.10 | 1.114 | 1.078 | 1.151 |
| STROKE | 95 | 36.20 | 1.114 | 1.078 | 1.151 |
| STROKE | 95 | 36.30 | 1.114 | 1.078 | 1.152 |
| STROKE | 95 | 36.40 | 1.114 | 1.078 | 1.152 |
| STROKE | 95 | 36.50 | 1.115 | 1.078 | 1.152 |
| STROKE | 95 | 36.60 | 1.115 | 1.079 | 1.152 |
| STROKE | 95 | 36.70 | 1.115 | 1.079 | 1.153 |
| STROKE | 95 | 36.80 | 1.116 | 1.079 | 1.153 |
| STROKE | 95 | 36.90 | 1.116 | 1.079 | 1.153 |
| STROKE | 95 | 37.00 | 1.116 | 1.08  | 1.154 |
| STROKE | 95 | 37.10 | 1.116 | 1.08  | 1.154 |
| STROKE | 95 | 37.20 | 1.117 | 1.08  | 1.154 |
| STROKE | 95 | 37.30 | 1.117 | 1.08  | 1.155 |
| STROKE | 95 | 37.40 | 1.117 | 1.081 | 1.155 |
| STROKE | 95 | 37.50 | 1.118 | 1.081 | 1.155 |
| STROKE | 95 | 37.60 | 1.118 | 1.081 | 1.156 |
| STROKE | 95 | 37.70 | 1.118 | 1.081 | 1.156 |
| STROKE | 95 | 37.80 | 1.119 | 1.081 | 1.156 |
| STROKE | 95 | 37.90 | 1.119 | 1.082 | 1.157 |
| STROKE | 95 | 38.00 | 1.119 | 1.082 | 1.157 |
| STROKE | 95 | 38.10 | 1.119 | 1.082 | 1.157 |
| STROKE | 95 | 38.20 | 1.12  | 1.082 | 1.158 |
| STROKE | 95 | 38.30 | 1.12  | 1.083 | 1.158 |
| STROKE | 95 | 38.40 | 1.12  | 1.083 | 1.158 |
| STROKE | 95 | 38.50 | 1.121 | 1.083 | 1.158 |
| STROKE | 95 | 38.60 | 1.121 | 1.083 | 1.159 |
| STROKE | 95 | 38.70 | 1.121 | 1.083 | 1.159 |
| STROKE | 95 | 38.80 | 1.121 | 1.084 | 1.159 |
| STROKE | 95 | 38.90 | 1.122 | 1.084 | 1.16  |
| STROKE | 95 | 39.00 | 1.122 | 1.084 | 1.16  |
| STROKE | 95 | 39.10 | 1.122 | 1.084 | 1.16  |
| STROKE | 95 | 39.20 | 1.123 | 1.085 | 1.161 |
| STROKE | 95 | 39.30 | 1.123 | 1.085 | 1.161 |
| STROKE | 95 | 39.40 | 1.123 | 1.085 | 1.161 |
| STROKE | 95 | 39.50 | 1.123 | 1.085 | 1.161 |
| STROKE | 95 | 39.60 | 1.124 | 1.086 | 1.162 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 39.70 | 1.124 | 1.086 | 1.162 |
| STROKE | 95 | 39.80 | 1.124 | 1.086 | 1.162 |
| STROKE | 95 | 39.90 | 1.125 | 1.086 | 1.162 |
| STROKE | 95 | 40.00 | 1.125 | 1.087 | 1.163 |
| STROKE | 95 | 40.10 | 1.125 | 1.087 | 1.163 |
| STROKE | 95 | 40.20 | 1.125 | 1.087 | 1.163 |
| STROKE | 95 | 40.30 | 1.126 | 1.087 | 1.164 |
| STROKE | 95 | 40.40 | 1.126 | 1.088 | 1.164 |
| STROKE | 95 | 40.50 | 1.126 | 1.088 | 1.164 |
| STROKE | 95 | 40.60 | 1.127 | 1.088 | 1.164 |
| STROKE | 95 | 40.70 | 1.127 | 1.088 | 1.165 |
| STROKE | 95 | 40.80 | 1.127 | 1.089 | 1.165 |
| STROKE | 95 | 40.90 | 1.127 | 1.089 | 1.165 |
| STROKE | 95 | 41.00 | 1.128 | 1.089 | 1.165 |
| STROKE | 95 | 41.10 | 1.128 | 1.089 | 1.165 |
| STROKE | 95 | 41.20 | 1.128 | 1.09  | 1.166 |
| STROKE | 95 | 41.30 | 1.128 | 1.09  | 1.166 |
| STROKE | 95 | 41.40 | 1.129 | 1.09  | 1.166 |
| STROKE | 95 | 41.50 | 1.129 | 1.09  | 1.166 |
| STROKE | 95 | 41.60 | 1.129 | 1.091 | 1.167 |
| STROKE | 95 | 41.70 | 1.13  | 1.091 | 1.167 |
| STROKE | 95 | 41.80 | 1.13  | 1.091 | 1.167 |
| STROKE | 95 | 41.90 | 1.13  | 1.092 | 1.167 |
| STROKE | 95 | 42.00 | 1.13  | 1.092 | 1.168 |
| STROKE | 95 | 42.10 | 1.131 | 1.092 | 1.168 |
| STROKE | 95 | 42.20 | 1.131 | 1.092 | 1.168 |
| STROKE | 95 | 42.30 | 1.131 | 1.093 | 1.169 |
| STROKE | 95 | 42.40 | 1.132 | 1.093 | 1.169 |
| STROKE | 95 | 42.50 | 1.132 | 1.093 | 1.169 |
| STROKE | 95 | 42.60 | 1.132 | 1.093 | 1.17  |
| STROKE | 95 | 42.70 | 1.132 | 1.093 | 1.17  |
| STROKE | 95 | 42.80 | 1.133 | 1.094 | 1.17  |
| STROKE | 95 | 42.90 | 1.133 | 1.094 | 1.171 |
| STROKE | 95 | 43.00 | 1.133 | 1.094 | 1.171 |
| STROKE | 95 | 43.10 | 1.133 | 1.094 | 1.171 |
| STROKE | 95 | 43.20 | 1.134 | 1.095 | 1.172 |
| STROKE | 95 | 43.30 | 1.134 | 1.095 | 1.172 |
| STROKE | 95 | 43.40 | 1.134 | 1.095 | 1.172 |
| STROKE | 95 | 43.50 | 1.134 | 1.095 | 1.173 |
| STROKE | 95 | 43.60 | 1.135 | 1.096 | 1.173 |
| STROKE | 95 | 43.70 | 1.135 | 1.096 | 1.173 |
| STROKE | 95 | 43.80 | 1.135 | 1.096 | 1.174 |
| STROKE | 95 | 43.90 | 1.136 | 1.096 | 1.174 |
| STROKE | 95 | 44.00 | 1.136 | 1.096 | 1.174 |
| STROKE | 95 | 44.10 | 1.136 | 1.097 | 1.175 |
| STROKE | 95 | 44.20 | 1.136 | 1.097 | 1.175 |
| STROKE | 95 | 44.30 | 1.137 | 1.097 | 1.175 |
| STROKE | 95 | 44.40 | 1.137 | 1.097 | 1.176 |
| STROKE | 95 | 44.50 | 1.137 | 1.098 | 1.176 |
| STROKE | 95 | 44.60 | 1.137 | 1.098 | 1.176 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 44.70 | 1.138 | 1.098 | 1.177 |
| STROKE | 95 | 44.80 | 1.138 | 1.098 | 1.177 |
| STROKE | 95 | 44.90 | 1.138 | 1.098 | 1.177 |
| STROKE | 95 | 45.00 | 1.138 | 1.099 | 1.178 |
| STROKE | 95 | 45.10 | 1.139 | 1.099 | 1.178 |
| STROKE | 95 | 45.20 | 1.139 | 1.099 | 1.178 |
| STROKE | 95 | 45.30 | 1.139 | 1.099 | 1.179 |
| STROKE | 95 | 45.40 | 1.139 | 1.1   | 1.179 |
| STROKE | 95 | 45.50 | 1.14  | 1.1   | 1.179 |
| STROKE | 95 | 45.60 | 1.14  | 1.1   | 1.18  |
| STROKE | 95 | 45.70 | 1.14  | 1.1   | 1.18  |
| STROKE | 95 | 45.80 | 1.141 | 1.1   | 1.18  |
| STROKE | 95 | 45.90 | 1.141 | 1.101 | 1.181 |
| STROKE | 95 | 46.00 | 1.141 | 1.101 | 1.181 |
| STROKE | 95 | 46.10 | 1.141 | 1.101 | 1.181 |
| STROKE | 95 | 46.20 | 1.142 | 1.101 | 1.182 |
| STROKE | 95 | 46.30 | 1.142 | 1.102 | 1.182 |
| STROKE | 95 | 46.40 | 1.142 | 1.102 | 1.182 |
| STROKE | 95 | 46.50 | 1.142 | 1.102 | 1.183 |
| STROKE | 95 | 46.60 | 1.143 | 1.102 | 1.183 |
| STROKE | 95 | 46.70 | 1.143 | 1.102 | 1.183 |
| STROKE | 95 | 46.80 | 1.143 | 1.103 | 1.183 |
| STROKE | 95 | 46.90 | 1.143 | 1.103 | 1.184 |
| STROKE | 95 | 47.00 | 1.144 | 1.103 | 1.184 |
| STROKE | 95 | 47.10 | 1.144 | 1.103 | 1.184 |
| STROKE | 95 | 47.20 | 1.144 | 1.103 | 1.185 |
| STROKE | 95 | 47.30 | 1.144 | 1.104 | 1.185 |
| STROKE | 95 | 47.40 | 1.145 | 1.104 | 1.185 |
| STROKE | 95 | 47.50 | 1.145 | 1.104 | 1.186 |
| STROKE | 95 | 47.60 | 1.145 | 1.104 | 1.186 |
| STROKE | 95 | 47.70 | 1.145 | 1.104 | 1.186 |
| STROKE | 95 | 47.80 | 1.146 | 1.105 | 1.187 |
| STROKE | 95 | 47.90 | 1.146 | 1.105 | 1.187 |
| STROKE | 95 | 48.00 | 1.146 | 1.105 | 1.187 |
| STROKE | 95 | 48.10 | 1.146 | 1.105 | 1.188 |
| STROKE | 95 | 48.20 | 1.147 | 1.105 | 1.188 |
| STROKE | 95 | 48.30 | 1.147 | 1.105 | 1.188 |
| STROKE | 95 | 48.40 | 1.147 | 1.106 | 1.189 |
| STROKE | 95 | 48.50 | 1.147 | 1.106 | 1.189 |
| STROKE | 95 | 48.60 | 1.147 | 1.106 | 1.189 |
| STROKE | 95 | 48.70 | 1.148 | 1.106 | 1.19  |
| STROKE | 95 | 48.80 | 1.148 | 1.106 | 1.19  |
| STROKE | 95 | 48.90 | 1.148 | 1.107 | 1.19  |
| STROKE | 95 | 49.00 | 1.148 | 1.107 | 1.191 |
| STROKE | 95 | 49.10 | 1.149 | 1.107 | 1.191 |
| STROKE | 95 | 49.20 | 1.149 | 1.107 | 1.191 |
| STROKE | 95 | 49.30 | 1.149 | 1.107 | 1.192 |
| STROKE | 95 | 49.40 | 1.149 | 1.108 | 1.192 |
| STROKE | 95 | 49.50 | 1.15  | 1.108 | 1.192 |
| STROKE | 95 | 49.60 | 1.15  | 1.108 | 1.193 |

|        |    |       |       |       |       |
|--------|----|-------|-------|-------|-------|
| STROKE | 95 | 49.70 | 1.15  | 1.108 | 1.193 |
| STROKE | 95 | 49.80 | 1.15  | 1.108 | 1.193 |
| STROKE | 95 | 49.90 | 1.151 | 1.109 | 1.193 |



## **Appendix C Surveys and semi-structured interview scripts**

# 1<sup>st</sup> Interview Script for Quasimodo Project

## Background

Semi-structured interview to last approx. 45 minutes, with an adult member of the participating household – preferably someone who will sleep in the bedroom with the air purifier. Interviews comprise a mix of questionnaire-style (interviewer-administered) and open ended-questions.

Participant Code

## Baseline (Pre-intervention) Questionnaire

### Introductory paragraph

Thank you for agreeing to the interview. The interview is going to last approximately 45 and will include some general open questions, plus some questions when I will ask you to choose from a set of responses. The interview is being audio-recorded. If you have any questions about what I am asking, please feel free to ask at any point.

Do you have any questions now, or are you happy to start?

### Background:

We ask about age and sex because these are both relevant to people's needs in buildings.

What is your age? Under 30   30 or over

...and your sex? Female   Male

How long have you lived here? Less than one year   One year or more

How many other people live with you who are **over 18 years old**?

How many other people live with you who are **18 years or under**?

Are you normally at home...?  Most of the time   Evening and weekends only

Other

Now I am going to ask a few questions about some things that might occur in the home in a typical day or week.

How often do you, or does somebody else, cook in the home?

|                      |       |                  |             |                       |
|----------------------|-------|------------------|-------------|-----------------------|
| Multiple times a day | Daily | 2-3 times a week | Once a week | Less than once a week |
|----------------------|-------|------------------|-------------|-----------------------|

When cooking, how often would you say the extractor fan is used?

|       |        |              |                  |        |
|-------|--------|--------------|------------------|--------|
| Never | Rarely | Occasionally | Most of the time | Always |
|-------|--------|--------------|------------------|--------|

Does anyone smoke in the home? Or, out on the balcony/patio?

If yes, how often?

|                      |       |                  |             |                       |
|----------------------|-------|------------------|-------------|-----------------------|
| Multiple times a day | Daily | 2-3 times a week | Once a week | Less than once a week |
|----------------------|-------|------------------|-------------|-----------------------|

How often do you, or does somebody else, do laundry and household maintenance?

|                      |       |                  |             |                       |
|----------------------|-------|------------------|-------------|-----------------------|
| Multiple times a day | Daily | 2-3 times a week | Once a week | Less than once a week |
|----------------------|-------|------------------|-------------|-----------------------|

how long it usually lasts: .....hour(s)

How often do you, or does somebody else, watch TV or use a computer in the home?

|                      |       |                  |             |                       |
|----------------------|-------|------------------|-------------|-----------------------|
| Multiple times a day | Daily | 2-3 times a week | Once a week | Less than once a week |
|----------------------|-------|------------------|-------------|-----------------------|

Do you burn incense or candles in the home?

If yes, how often?

|       |                  |             |                       |
|-------|------------------|-------------|-----------------------|
| Daily | 2-3 times a week | Once a week | Less than once a week |
|-------|------------------|-------------|-----------------------|

Do you use other home fragrances or air fresheners?

If yes, how often?

|       |                  |             |                       |
|-------|------------------|-------------|-----------------------|
| Daily | 2-3 times a week | Once a week | Less than once a week |
|-------|------------------|-------------|-----------------------|

Do you own a wood/pellet stove?

If yes, how often do you make use of it?

|       |                  |             |                       |
|-------|------------------|-------------|-----------------------|
| Daily | 2-3 times a week | Once a week | Less than once a week |
|-------|------------------|-------------|-----------------------|

**Question 1: Motivations**

**A. Can you please tell us what interests you about this study?**

**B. What were the main reasons for agreeing to take part?**

[aims/prompts: understanding potential for self-selection bias and any pre-existing concerns about: 1) air quality (or broader IEQ) problems; 2) health/wellbeing concerns (for a particular household member or more general – if this topic is mentioned, interviewer may ask to expand on any pre-existing health conditions which the interviewee thinks might be relevant. One might ask explicitly here or later about: respiratory problems such as asthma, COPD, any allergies to aero-allergens; frequent irritation or infection of upper airways and of eyes); 3) specific interest in having the air purifier (if so why were they interested in it?); 4) any other reasons]

**Question 2: Indoor air quality**

**Now I am going to ask you about aspects of the indoor environment in your home in general and in the room where the air purifier is positioned.**

**A. Overall, how would you rate the air quality in your home/bedroom?**

|                        |   |   |   |   |   |   |   |                     |
|------------------------|---|---|---|---|---|---|---|---------------------|
| Extremely dissatisfied | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Extremely satisfied |
|------------------------|---|---|---|---|---|---|---|---------------------|

**B. Thinking about the past month, how would you rate the air quality in your home/bedroom?**

|                        |   |   |   |   |   |   |   |                     |
|------------------------|---|---|---|---|---|---|---|---------------------|
| Extremely dissatisfied | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Extremely satisfied |
|------------------------|---|---|---|---|---|---|---|---------------------|

**C. Now expanding on what you said earlier about the air quality in your dwelling, do you have any concerns, or would you say it is generally satisfactory? Feel free to talk about the dwelling as a whole or a specific room, such as the room where the air purifier is installed. Also feel free to consider any odour or pollutants coming from outside.**

[aims/prompts: are they worried about a particular room, a particular pollutant/source? Any problems with ventilation? With outdoor sources? If they mention concerns about health, these can be followed up in question 3]

**D. Now I am going to ask you to rate various aspects of the indoor environmental quality in your dwelling. (from B.U.S.)**

**Comfort**

This section asks how comfortable you find the building in both winter and summer.

**How would you describe typical conditions in WINTER?** If you have not lived here in winter then please leave these questions blank.

**Temperature in winter**

|               |   |   |   |   |   |   |   |                   |
|---------------|---|---|---|---|---|---|---|-------------------|
| Uncomfortable | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Comfortable       |
| Too hot       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Too cold          |
| Stable        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Varies during day |

**Air in winter**

|           |   |   |   |   |   |   |   |          |
|-----------|---|---|---|---|---|---|---|----------|
| Still     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Draughty |
| Dry       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Humid    |
| Fresh     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Stuffy   |
| Odourless | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Smelly   |

**Conditions in winter**

|                |   |   |   |   |   |   |   |              |
|----------------|---|---|---|---|---|---|---|--------------|
| Unsatisfactory | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Satisfactory |
|----------------|---|---|---|---|---|---|---|--------------|

**Comments about heating:**

**How would you describe typical conditions in SUMMER?** If you have not lived here in summer then please leave these questions blank.

**Temperature in summer**

|               |   |   |   |   |   |   |   |                   |
|---------------|---|---|---|---|---|---|---|-------------------|
| Uncomfortable | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Comfortable       |
| Too hot       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Too cold          |
| Stable        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Varies during day |

**Air in summer**

|           |   |   |   |   |   |   |   |          |
|-----------|---|---|---|---|---|---|---|----------|
| Still     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Draughty |
| Dry       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Humid    |
| Fresh     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Stuffy   |
| Odourless | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Smelly   |

**Conditions in summer**

|                |   |   |   |   |   |   |   |              |
|----------------|---|---|---|---|---|---|---|--------------|
| Unsatisfactory | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Satisfactory |
|----------------|---|---|---|---|---|---|---|--------------|

**Comments about cooling and ventilation:**

**Overall Comfort**

All things considered, how do you rate the comfort of the residence's environment overall?

|                |   |   |   |   |   |   |   |              |
|----------------|---|---|---|---|---|---|---|--------------|
| Unsatisfactory | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Satisfactory |
|----------------|---|---|---|---|---|---|---|--------------|

**Comments about comfort:**

**Personal Control**

How much control do you personally have over the following...?

**Heating**

|            |   |   |   |   |   |   |   |              |
|------------|---|---|---|---|---|---|---|--------------|
| No Control | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Full Control |
|------------|---|---|---|---|---|---|---|--------------|

**Cooling**

|            |   |   |   |   |   |   |   |              |
|------------|---|---|---|---|---|---|---|--------------|
| No Control | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Full Control |
|------------|---|---|---|---|---|---|---|--------------|

**Ventilation**

|            |   |   |   |   |   |   |   |              |
|------------|---|---|---|---|---|---|---|--------------|
| No Control | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Full Control |
|------------|---|---|---|---|---|---|---|--------------|

**Lighting**

|            |   |   |   |   |   |   |   |              |
|------------|---|---|---|---|---|---|---|--------------|
| No Control | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Full Control |
|------------|---|---|---|---|---|---|---|--------------|

**Noise**

|            |   |   |   |   |   |   |   |              |
|------------|---|---|---|---|---|---|---|--------------|
| No Control | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Full Control |
|------------|---|---|---|---|---|---|---|--------------|

**Comments about personal control:**

**Question 3:**

**If you experience discomfort or dissatisfaction with the air quality in your home, is there anything which you usually do to improve the situation?**

[aims/prompts: do they use windows and extract fans? Change activity patterns or type? Think there is little they can do, perhaps if they have tried and did not work]

**Question 4:**

**How do you think you might use the air purifier and why?**

[aims: establish their current understanding of air purifier function; their motivation and commitment to use it]

**Question 5:**

**Now I am going to ask you about your general health. These questions attempt to rate the quality of life aspects related to physical, social and mental health functioning.**

**The UK Short Form 12 Health Survey Questions**

The following questions ask for your views about your health, how you feel and how well you are able to do your usual activities.

If you are unsure about how to answer any question, please give the best answer you can and make any of your own comments if you like. Do not spend too much time in answering as your immediate response is likely to be the most accurate. You may also choose not to answer.

A. In general, would you say your health is:

|           |           |      |      |      |
|-----------|-----------|------|------|------|
| Excellent | Very good | Good | Fair | Poor |
|-----------|-----------|------|------|------|

B. Health and Daily Activities

The following questions are about activities you might do during a typical day. Does your health limit you in these activities? If so, how much?

a. Moderate activities, such as moving a table, pushing a vacuum, bowling or playing golf (choose one)

|                    |                       |                        |
|--------------------|-----------------------|------------------------|
| Yes, limited a lot | Yes, limited a little | No, not limited at all |
|--------------------|-----------------------|------------------------|

b. Climbing several flights of stairs

|                    |                       |                        |
|--------------------|-----------------------|------------------------|
| Yes, limited a lot | Yes, limited a little | No, not limited at all |
|--------------------|-----------------------|------------------------|

C. During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities because of your physical health?

- |   |     |    |
|---|-----|----|
| a. Accomplished less than you would like                | Yes | No |
| b. Were limited in the kind of work or other activities | Yes | No |





**Question 7: Do you suffer from any of the following**

| <b>Condition</b>  | <b>Management/diagnosis</b>  | <b>Thinking about the past month</b>  |
|---|--|---|
| COPD  |  | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Hay fever and/or allergies to aero-allergens incl. pets, pollen, grass    | Did the doctor do a test to establish what you were allergic to? Are they taking any medications for this? | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Frequent respiratory problems incl. coughs, colds, respiratory infections | Are you taking any medications for this?   | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Watery/itchy eyes   |  | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Asthma  | Are you taking any medicines for this, incl. inhaler, tablets or other?                                    | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |

**Question 8:**

**Do you generally experience worsening or improvement of any health/wellbeing problems when you are at home?**

**Question 9:**

**Sleep Quality questionnaire, PSQI**

**Instructions:**

The following questions relate to your usual sleep habits during the past month only. Your answers should indicate the most accurate reply for most days and nights in the past month. Please answer questions to the best of your abilities. You may choose not to answer at any time.

**During the past month,**

1. When have you usually gone to bed?
2. How long (in minutes) has it take you to fall asleep each night?
3. What time have you usually gotten up in the morning?
4. A. How many of hours of sleep did you get each night?  
B. How many hours were you in bed?

| 5. During the past month, how often have you had trouble sleeping because | Not during the past month (0) | Less than once a week (1) | Once or twice a week (2) | Three or more times a week (3) |
|---|-------------------------------|---------------------------|--------------------------|--------------------------------|
| A. Cannot get to sleep within 30 minutes                                  |                               |                           |                          |                                |
| B. Wake up in the middle of the night or early morning                    |                               |                           |                          |                                |
| C. Have to get up to use the bathroom                                     |                               |                           |                          |                                |
| D. Cannot breathe comfortably   |                               |                           |                          |                                |
| E. Cough or snore loudly  |                               |                           |                          |                                |
| F. Feel too cold  |                               |                           |                          |                                |
| G. Feel too hot   |                               |                           |                          |                                |
| H. Have bad dreams  |                               |                           |                          |                                |
| I. Have pain  |                               |                           |                          |                                |

|   |               |                 |                |              |
|---|---------------|-----------------|----------------|--------------|
| J. Other reason(s), please describe, including how often you have trouble sleeping because of this reason(s)                        |               |                 |                |              |
| 6. During the past month, how often have you taken medicine (prescribed or over-the-counter) to help you sleep?                     |               |                 |                |              |
| 7. During the past month, how often have you had trouble staying awake while driving, eating meals, or engaging in social activity? |               |                 |                |              |
| 8. During the past month, how much of a problem has it been for you to keep up enthusiasm to get things done?                       |               |                 |                |              |
| 9. During the past month, how would you rate your sleep quality overall?  | Very good (0) | Fairly good (1) | Fairly bad (2) | Very bad (3) |

**We now have a few questions about how and when you open your windows. You may choose not to answer at any time.**

1. reasons for **opening windows** in living room or bedroom **in summer** (when building in free-running mode) (multiple choices):

- a. to get fresh air
- b. to cool the space
- c. to ventilate home during cooking or cleaning;
- d. a force of habit (like when arriving at home or for a good view);
- e. please specify if others.....

and typical daily frequency and duration...../.....of window openings **in summer**

2. reasons for **opening windows** in living room or bedroom **in winter** (when heating system is active in general) (multiple choices):

- a. to get fresh air
- b. to cool the space
- c. to ventilate home during cooking or cleaning;
- d. a force of habit (like when arriving at home or for a good view);
- e. please specify others.....

and typical daily frequency and duration...../..... of window openings **in winter**

3. reasons for **closing windows** in living room or bedroom **in summer** (multiple choices):

- a. to be away for a long period (like going to work or travel)
- b. windy or rainy weather
- c. feel cold or hot because of outside weather condition

- d. glare from outside
- e. outside noise
- f. to prevent heat loss
- g. please specify if others.....

4. reasons for ***closing windows*** in living room or bedroom ***in winter*** (multiple choices):

- a. to be away for a long period (like going to work or travel)
- b. windy or rainy weather
- c. feel cold or hot because of outside weather condition
- d. glare from outside
- e. outside noise
- f. to prevent heat loss
- g. please specify if others.....

5. when are your blinds/curtains open:

- a. all day
- b. morning
- c. afternoon
- d. evening
- e. mainly dependant on the weather conditions
- f. please specify if others .....

6. reasons for closing the blinds/curtains

- a. glare
- b. high indoor temperature
- c. privacy
- d. please specify if others.....

7. is it possible to keep the windows open and keep the blinds closed at the same time?  
Under what conditions and how often you do it?

...../.....

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## Final Interview Script for Quasimodo Project, Second/Third Interview

### Background

Semi-structured interview to last approx. 45 minutes, with an adult member of the participating household – preferably someone who will sleep in the bedroom with the air purifier. Interviews comprise a mix of questionnaire-style (interviewer-administered) and open ended-questions.

Participant Code

### Introductory paragraph

Thank you for agreeing to the interview. The interview is going to last approximately 45 and will include some general open questions, plus some questions when I will ask you to choose from a set of responses. The interview is being audio-recorded. If you have any questions about what I am asking, please feel free to ask at any point.

Do you have any questions now, or are you happy to start?

### Question 1: Indoor air quality

Now I am going to ask you about aspects of the indoor environment in your home in general and in the room where the air purifier is positioned.

**E. Overall, how would you rate the air quality in your home/bedroom?**

|                        |   |   |   |   |   |   |   |                     |
|------------------------|---|---|---|---|---|---|---|---------------------|
| Extremely dissatisfied | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Extremely satisfied |
|------------------------|---|---|---|---|---|---|---|---------------------|

**F. Thinking about the past month, how would you rate the air quality in your home/bedroom?**

|                        |   |   |   |   |   |   |   |                     |
|------------------------|---|---|---|---|---|---|---|---------------------|
| Extremely dissatisfied | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Extremely satisfied |
|------------------------|---|---|---|---|---|---|---|---------------------|

**G. Now expanding on what you said earlier about the air quality in your dwelling, do you have any concerns, or would you say it is generally satisfactory? Feel free to talk about the dwelling has a whole or a specific room, such as the room where the air purifier is installed. Also feel free to consider any odour or pollutants coming from outside.**

[aims/prompts: are they worried about a particular room, a particular pollutant/source? Any problems with ventilation? With outdoor sources? If they mention concerns about health, these can be followed up in question 3]

**H. Now I am going to ask you to rate various aspects of the indoor environmental quality in your dwelling. (from B.U.S.)**

#### Comfort

This section asks how comfortable you find the building in both winter and summer.

**How would you describe typical conditions in WINTER?** If you have not lived here in winter then please leave these questions blank.

**Temperature in winter**

|               |   |   |   |   |   |   |   |                   |
|---------------|---|---|---|---|---|---|---|-------------------|
| Uncomfortable | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Comfortable       |
| Too hot       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Too cold          |
| Stable        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Varies during day |

**Air in winter**

|           |   |   |   |   |   |   |   |          |
|-----------|---|---|---|---|---|---|---|----------|
| Still     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Draughty |
| Dry       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Humid    |
| Fresh     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Stuffy   |
| Odourless | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Smelly   |

**Conditions in winter**

|                |   |   |   |   |   |   |   |              |
|----------------|---|---|---|---|---|---|---|--------------|
| Unsatisfactory | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Satisfactory |
|----------------|---|---|---|---|---|---|---|--------------|

**Comments about heating:**

**How would you describe typical conditions in SUMMER?** If you have not lived here in summer then please leave these questions blank.

**Temperature in summer**

|               |   |   |   |   |   |   |   |                   |
|---------------|---|---|---|---|---|---|---|-------------------|
| Uncomfortable | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Comfortable       |
| Too hot       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Too cold          |
| Stable        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Varies during day |

**Air in summer**

|           |   |   |   |   |   |   |   |          |
|-----------|---|---|---|---|---|---|---|----------|
| Still     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Draughty |
| Dry       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Humid    |
| Fresh     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Stuffy   |
| Odourless | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Smelly   |

**Conditions in summer**

Unsatisfactory 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Satisfactory

**Comments about cooling and ventilation:**

**Overall Comfort**

All things considered, how do you rate the comfort of the residence's environment overall?

Unsatisfactory 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Satisfactory

**Comments about comfort:**

**Personal Control**

How much control do you personally have over the following...?

**Heating**

No Control 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Full Control

**Cooling**

No Control 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Full Control

**Ventilation**

No Control 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Full Control

**Lighting**

No Control 

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|

 Full Control





- b. Were limited in the kind of work or other activities      Yes      No
- J. During the past 4 weeks, have you had any of the following problems with work or other regular daily activities because of any emotional problems (such as feeling depressed or anxious)?
- a. Accomplished less than you would like      Yes      No
- b. Didn't do work or other activities as carefully as usual      Yes      No
- K. During the past 4 weeks how much did pain interfere with your normal work (including work both outside the home and housework)?

|            |              |            |             |           |
|------------|--------------|------------|-------------|-----------|
| Not at all | A little bit | Moderately | Quite a bit | Extremely |
|------------|--------------|------------|-------------|-----------|

- L. These questions are about how you feel and how things have been with you during the past month. For each question, please indicate the one answer that comes closest to the way you have been feeling.

- a. Have you felt calm and peaceful?

|              |                  |                        |                  |                      |       |
|--------------|------------------|------------------------|------------------|----------------------|-------|
| All the time | Most of the time | A good bit of the time | Some of the time | A little of the time | Never |
|--------------|------------------|------------------------|------------------|----------------------|-------|

- b. Did you have a lot of energy?

|              |                  |                        |                  |                      |       |
|--------------|------------------|------------------------|------------------|----------------------|-------|
| All the time | Most of the time | A good bit of the time | Some of the time | A little of the time | Never |
|--------------|------------------|------------------------|------------------|----------------------|-------|

- c. Have you felt downhearted and low?

|              |                  |                        |                  |                      |       |
|--------------|------------------|------------------------|------------------|----------------------|-------|
| All the time | Most of the time | A good bit of the time | Some of the time | A little of the time | Never |
|--------------|------------------|------------------------|------------------|----------------------|-------|

- d. Has your health limited your social activities (like visiting friends or close relatives)?

|              |                  |                        |                  |                      |       |
|--------------|------------------|------------------------|------------------|----------------------|-------|
| All the time | Most of the time | A good bit of the time | Some of the time | A little of the time | Never |
|--------------|------------------|------------------------|------------------|----------------------|-------|

**Question 4:**

**Have you experienced any problems with your health and wellbeing, which you think might be affected by the air quality in your home?**

[open question to understand if they think there is a problem]

**Question 5: Do you suffer from any of the following**

*[Follow-up questions only if the participant answered yes to any of the conditions/questions below].*

*You mentioned last time that you suffer from... with respect to this, can you please tell me; Have you experienced any of the symptoms in the past month? If yes:*

1. Have your symptoms been better or worse than usual?
2. Have the symptoms significantly affected your overall wellbeing?

|                   |   |   |                            |   |   |                |
|-------------------|---|---|----------------------------|---|---|----------------|
| Strongly Disagree | 1 | 2 | Neither agree nor disagree | 4 | 5 | Strongly Agree |
|-------------------|---|---|----------------------------|---|---|----------------|

| Condition   | Management/diagnosis   | Thinking about the past month   |
|---|--|---|
| COPD  |  | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Hay fever and/or allergies to aero-allergens incl. pets, pollen, grass    | Did the doctor do a test to establish what you were allergic to? Are they taking any medications for this? | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Frequent respiratory problems incl. coughs, colds, respiratory infections | Are you taking any medications for this?   | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Watery/itchy eyes   |  | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |
| Asthma  | Are you taking any medicines for this, incl. inhaler, tablets or other?                                    | Have you experienced any symptoms in the past month? If yes:<br>1. Have your symptoms been better or worse than usual?<br>2. Have the symptoms significantly affected your overall wellbeing?<br>Response 1-5, 1 strongly disagree, 5 strongly agree. 3 neither agree nor disagree. |

**Question 6:**

**Do you generally experience worsening or improvement of any health/wellbeing problems when you are at home?**

**Question 7:**

**Sleep Quality questionnaire, PSQI**

**Instructions:**

The following questions relate to your usual sleep habits during the past month only. Your answers should indicate the most accurate reply for the majority of days and nights in the past month. Please answer all questions.

**During the past month,**

1. When have you usually gone to bed?
2. How long (in minutes) has it take you to fall asleep each night?
3. What time have you usually gotten up in the morning?
4. A. How many of hours of sleep did you get each night?  
B. How many hours were you in bed?

| 5. During the past month, how often have you had trouble sleeping because                                    | Not during the past month (0) | Less than once a week (1) | Once or twice a week (2) | Three or more times a week (3) |
|--|-------------------------------|---------------------------|--------------------------|--------------------------------|
| K. Cannot get to sleep within 30 minutes   |                               |                           |                          |                                |
| L. Wake up in the middle of the night or early morning   |                               |                           |                          |                                |
| M. Have to get up to use the bathroom  |                               |                           |                          |                                |
| N. Cannot breathe comfortably  |                               |                           |                          |                                |
| O. Cough or snore loudly   |                               |                           |                          |                                |
| P. Feel too cold   |                               |                           |                          |                                |
| Q. Feel too hot  |                               |                           |                          |                                |
| R. Have bad dreams   |                               |                           |                          |                                |
| S. Have pain   |                               |                           |                          |                                |
| T. Other reason(s), please describe, including how often you have trouble sleeping because of this reason(s) |                               |                           |                          |                                |

|   |               |                 |                |              |
|---|---------------|-----------------|----------------|--------------|
| 6. During the past month, how often have you taken medicine (prescribed or over-the-counter) to help you sleep?                     |               |                 |                |              |
| 7. During the past month, how often have you had trouble staying awake while driving, eating meals, or engaging in social activity? |               |                 |                |              |
| 8. During the past month, how much of a problem has it been for you to keep up enthusiasm to get things done?                       |               |                 |                |              |
| 9. During the past month, how would you rate your sleep quality overall?  | Very good (0) | Fairly good (1) | Fairly bad (2) | Very bad (3) |

### Question 8: Quasimodo Usability Questions

1. What triggers you to switch on the air purifier? (e.g, after cooking, arrival of the kids coming home, smell from outside)

You have tested the EWS, this is a basic version.

2. Did the EWS help you to make better use of the HAP?
3. Did the EWS help you to take actions to try to improve the indoor air quality? (eg open windows)
4. What elements or information do you miss in the EWS?
5. Can you describe your perfect EWS?
6. What will be the best way to get this information to you? (eg via your phone, via the HAP)
7. What other information would be helpful for you to better use the HAP?

### References

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<https://euroqol.org/support/how-to-obtain-eq-5d/>

### **Sleep and wellbeing survey (Qualtrics - online)**

Please write down your participation code (e.g., L36) so we can process your feedback correctly. You can always find this code on the document you received during our first visit.

How would you rate the quality of your sleep last night? (1 to 10 scale)

If you have anything that you would like to say that is relevant to your sleep, feel free to write it here.

Thinking about yesterday, do you think your health and wellbeing might have been affected by the air quality in your home?

If you have anything that you would like to say that is relevant to your health wellbeing, feel free to write it here.

## Building characteristics survey

Building Identification:

Total number of occupants/dwelling units: \_\_\_\_\_

Total Area: \_\_\_\_\_ m<sup>2</sup>

Address: \_\_\_\_\_

\_\_\_\_\_

GPS coordinates: \_\_\_\_\_

Contact person: \_\_\_\_\_

(phone) \_\_\_\_\_

(e-mail) \_\_\_\_\_

Building shape, orientation of the building and shading by nearby buildings:

(provide a sketch of the basic plan of the building and surroundings; an air photo, Google maps picture, etc.)

Investigator \_\_\_\_\_ Date \_\_\_\_\_



1. Outdoor Characterization

1.1. Building location

|  |                          | Additional comments |
|--|--------------------------|---------------------|
| Industrial area                              | <input type="checkbox"/> |                     |
| Mixed industrial/residential area            | <input type="checkbox"/> |                     |
| Commercial area                              | <input type="checkbox"/> |                     |
| Mixed commercial/residential area            | <input type="checkbox"/> |                     |
| City centre, densely packed housing          | <input type="checkbox"/> |                     |
| Town, with or without small gardens          | <input type="checkbox"/> |                     |
| Suburban, with larger gardens                | <input type="checkbox"/> |                     |
| Village in a rural area                      | <input type="checkbox"/> |                     |
| Rural area with no or few other homes nearby | <input type="checkbox"/> |                     |

1.2. Nearby potential sources of outdoor air pollution that might influence the indoor environment

|   |                          | Additional comments |
|---|--------------------------|---------------------|
| None  | <input type="checkbox"/> |                     |
| Car parking   | <input type="checkbox"/> |                     |
| Attached garage   | <input type="checkbox"/> |                     |
| Direct access from basement or roof car park                  | <input type="checkbox"/> |                     |
| Busy road   | <input type="checkbox"/> |                     |
| Highway   | <input type="checkbox"/> |                     |
| Power plant for the building                                  | <input type="checkbox"/> |                     |
| Other power plant (up to 1 km)                                | <input type="checkbox"/> |                     |
| Gasoline dispensing facilities                                | <input type="checkbox"/> |                     |
| Industry (up to 10 km)  | <input type="checkbox"/> |                     |
| Cooling towers  | <input type="checkbox"/> |                     |
| Built on a landfill site                                      | <input type="checkbox"/> |                     |
| Waste management site (tip or garbage dumpsters) (up to 3 km) | <input type="checkbox"/> |                     |
| Agricultural sources (up to 3 km)                             | <input type="checkbox"/> |                     |
| Nearby construction   | <input type="checkbox"/> |                     |
| Airport   | <input type="checkbox"/> |                     |
| Other (specify)   | <input type="checkbox"/> |                     |

1.3. Nearby\* noise sources outside the building that might influence the indoor environment

|  |                          | Additional comments |
|--|--------------------------|---------------------|
| None                                       | <input type="checkbox"/> |                     |
| Car parking close to the building          | <input type="checkbox"/> |                     |
| Busy road                                  | <input type="checkbox"/> |                     |
| Highway                                    | <input type="checkbox"/> |                     |
| Railway or station                         | <input type="checkbox"/> |                     |
| Subway                                     | <input type="checkbox"/> |                     |
| Air traffic (up to 3 km)                   | <input type="checkbox"/> |                     |
| Sea, river or canal traffic                | <input type="checkbox"/> |                     |
| Building, construction etc                 | <input type="checkbox"/> |                     |
| Sports events                              | <input type="checkbox"/> |                     |
| Other entertainment or leisure             | <input type="checkbox"/> |                     |
| Factories or works                         | <input type="checkbox"/> |                     |
| Commercial premises                        | <input type="checkbox"/> |                     |
| Forestry, farming etc                      | <input type="checkbox"/> |                     |
| Community buildings (halls, churches, etc) | <input type="checkbox"/> |                     |
| Other (specify)                            | <input type="checkbox"/> |                     |

\*up to 1km

2. Construction Characterization

2.1. Year of construction \_\_\_\_\_

2.2. Number of storeys

|                         |                          | Additional comments |
|-------------------------|--------------------------|---------------------|
| Occupied above ground   | <input type="checkbox"/> |                     |
| Unoccupied above ground | <input type="checkbox"/> |                     |
| Occupied below ground   | <input type="checkbox"/> |                     |
| Unoccupied below ground | <input type="checkbox"/> |                     |

2.3. External walls construction (massive means made of solid bricks; lightweight means made of wood)

|   |  |  | Additional comments |
|---|--|--|---------------------|
| Single wall                                 |  |  |                     |
| Double wall                                 |  |  |                     |
| Mixture of single and double                |  |  |                     |
|   |  |  |                     |
| Massive structure (high thermal inertia)    |  |  |                     |
| Lightweight structure (low thermal inertia) |  |  |                     |
| Mixture of massive and lightweight          |  |  |                     |
|   |  |  |                     |
| Without insulation                          |  |  |                     |
| With insulation                             |  |  |                     |
| External insulation thickness (mm)          |  |  |                     |
| All walls                                   |  |  |                     |
| Some walls                                  |  |  |                     |
| Cavity insulation thickness (mm)            |  |  |                     |
| All walls                                   |  |  |                     |
| Some walls                                  |  |  |                     |
| Internal insulation thickness (mm)          |  |  |                     |
| All walls                                   |  |  |                     |
| Some walls                                  |  |  |                     |
| Type of insulation                          |  |  |                     |
| Mineral wool                                |  |  |                     |
| Glass wool                                  |  |  |                     |
| Fiberglass                                  |  |  |                     |
| Polystyrene                                 |  |  |                     |
| Polyurethane                                |  |  |                     |
| Cork  |  |  |                     |
| Other (specify)                             |  |  |                     |

2.4. Structure of the roof

|   |                                    | Additional comments |
|---|------------------------------------|---------------------|
| Flat roof                                   |                                    |                     |
| Ridge roof                                  |                                    |                     |
|   |                                    |                     |
| Massive structure (high thermal inertia)    |                                    |                     |
| Lightweight structure (low thermal inertia) |                                    |                     |
| Mixture of massive and lightweight          |                                    |                     |
|   |                                    |                     |
| Without insulation                          |                                    |                     |
| With insulation                             |                                    |                     |
|   | External insulation thickness (mm) |                     |
|   | Cavity insulation thickness (mm)   |                     |
|   | Internal insulation thickness (mm) |                     |
| Type of insulation                          |                                    |                     |
|   | Mineral wool                       |                     |
|   | Glass wool                         |                     |
|   | Fiberglass                         |                     |
|   | Polystyrene                        |                     |
|   | Polyurethane                       |                     |
|   | Cork                               |                     |
|   | Other (specify)                    |                     |

2.5. Type of foundation/ground floor

|               |  | Additional comments |
|---------------|--|---------------------|
| Basement      |  |                     |
| Slab-on-grade |  |                     |
| Crawl space   |  |                     |
| Other         |  |                     |

2.6. If in a radon-affected zone\*, is there proper construction of foundation and ventilation (control of pressure difference), or other measures to control migration of radon?

|                              |                          | Additional comments |
|------------------------------|--------------------------|---------------------|
| Not in a radon affected zone |                          |                     |
| Radon zone                   |                          |                     |
|                              | Migration controlled     |                     |
|                              | Migration not controlled |                     |
|                              | Unknown                  |                     |

\* Please contact National Authorities in natural radiation to inquire this

2.7. Has the building been certified by any program\*?

|     |       | Additional comments |
|-----|-------|---------------------|
| No  |       |                     |
| Yes |       |                     |
|     | Which |                     |

\* Legislation, Regulation (Energy Performance, IAQ, Sustainability...)

**3. Ventilation**

**3.1. Type of general ventilation strategy**

|                            |  | Additional comments |
|----------------------------|--|---------------------|
| Natural                    |  |                     |
| Natural assisted (exhaust) |  |                     |
| Mechanical                 |  |                     |

**If you answered “Natural” please jump to section 4**

**3.2. Type of mechanical ventilation**

|                                   |  | Additional comments |
|-----------------------------------|--|---------------------|
| Supply system only                |  |                     |
| Both exhaust and supply           |  |                     |
| Exhaust system only               |  |                     |
| Toilets/other polluted rooms only |  |                     |
| Other rooms                       |  |                     |

**3.3. Air handling units (AHU)**

|                              |  | Additional comments |
|------------------------------|--|---------------------|
| 100% fresh air               |  |                     |
| Recirculation % of fresh air |  |                     |
| With free cooling system     |  |                     |
| Other                        |  |                     |

**3.4. Type of control**

|                           |  | Additional comments |
|---------------------------|--|---------------------|
| Manual (on/off) – central |  |                     |
| Manual (on/off) – local   |  |                     |
| Automatic                 |  |                     |
| CO2 controlled            |  |                     |
| Other                     |  |                     |

**3.5. Outdoor air filter type**

|             |  | Additional comments |
|-------------|--|---------------------|
| Pre-filter  |  |                     |
| Main filter |  |                     |

**3.6. How often are the filters replaced?**

|                            |  | Additional comments |
|----------------------------|--|---------------------|
| No regular period          |  |                     |
| Twice a year or more often |  |                     |
| Once a year                |  |                     |
| Once every two years       |  |                     |
| Less often                 |  |                     |
| Date of last replacement   |  |                     |

3.7. How often are the filters cleaned?

|                            |  | Additional comments |
|----------------------------|--|---------------------|
| No regular period          |  |                     |
| Twice a year or more often |  |                     |
| Once a year                |  |                     |
| Once every two years       |  |                     |
| Less often                 |  |                     |
| Date of last cleaning      |  |                     |

3.8. Heating systems

Comments:

3.9. Cooling systems

|                               |  | Additional comments |
|-------------------------------|--|---------------------|
| No                            |  |                     |
| Yes                           |  |                     |
| In the whole building         |  |                     |
| In some parts of the building |  |                     |

3.10. Air duct material

|                       |  | Additional comments |
|-----------------------|--|---------------------|
| Asbestos cement       |  |                     |
| PVC                   |  |                     |
| Galvanised steel      |  |                     |
| Other (specify) _____ |  |                     |

3.11. Duct insulation

|                       |  | Additional comments |
|-----------------------|--|---------------------|
| None                  |  |                     |
| Internal              |  |                     |
| Mineral fibre         |  |                     |
| Other (specify) _____ |  |                     |
| External              |  |                     |
| Mineral fibre         |  |                     |
| Other (specify) _____ |  |                     |

3.12. How often are the air ducts cleaned?

|                            |  | Additional comments |
|----------------------------|--|---------------------|
| No regular period          |  |                     |
| Twice a year or more often |  |                     |
| Once a year                |  |                     |
| Once every two years       |  |                     |
| Less often                 |  |                     |
| Date of last cleaning      |  |                     |

4. Past Occurrences or Visible Problems

4.1. Water leakage or flooding in the last 12 months (if yes, specify the date)

|                       |     | Additional comments |
|-----------------------|-----|---------------------|
| No                    |     |                     |
| Yes                   |     |                     |
| Roof                  | / / |                     |
| Windows               | / / |                     |
| Façade                | / / |                     |
| Basement              | / / |                     |
| Water pipes           | / / |                     |
| Other (specify) _____ | / / |                     |

4.2. Fire damage (if yes, specify the date)

|                           |     | Additional comments |
|---------------------------|-----|---------------------|
| No                        |     |                     |
| Yes                       | / / |                     |
| Extent of the fire damage |     |                     |
| Building wide             |     |                     |
| Limited spaces            |     |                     |
| Floors damaged            |     |                     |

4.3. Visible air leaks (cracks in the construction) in the structure?

|     |  | Additional comments |
|-----|--|---------------------|
| No  |  |                     |
| Yes |  |                     |

5. Building Use IAQ Sources

5.1. Use of pesticides in the last 12 months

|                       | Indoors | Outdoors | Additional comments |
|-----------------------|---------|----------|---------------------|
| Rats                  |         |          |                     |
| Mice                  |         |          |                     |
| Cockroaches           |         |          |                     |
| Ants                  |         |          |                     |
| Other (specify) _____ |         |          |                     |

5.2. Is there a pesticide treatment plan for the building?

|                 |  | Additional comments |
|-----------------|--|---------------------|
| No              |  |                     |
| Yes (frequency) |  |                     |

5.3. Is there any storage location inside for the pesticides?

|             |  | Additional comments |
|-------------|--|---------------------|
| No          |  |                     |
| Yes (where) |  |                     |

5.4. Distance from the building to the outdoor trash storage \_\_\_\_\_ m

5.5. Is there a cleaning schedule for the communal parts of the building?

|     |  | Additional comments |
|-----|--|---------------------|
| No  |  |                     |
| Yes |  |                     |

## **Appendix D Ethics application**



## Invitation to participate in Health and Wellbeing Study

Dear residents of XX,

I would like to invite you to participate in a research project that is investigating air quality (project title: *Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes*) supported by the University College London, Institute for Environmental Design and Engineering (IEDE).

By participating in the study, you will be helping researchers better understand how people's activities impact their exposure to air pollution, and how that might be managed. Participants will receive two small (£50 at the start and end) gift vouchers for helping with the research. All personal data will be kept strictly confidential.

The following is a brief description of the research, and what you can expect if you choose to participate. We are happy to answer questions or provide additional information.

Indoor air quality (IAQ) in our homes is important because we spend nearly 90% of our time indoors. This research aims to develop a personalised early warning signal (EWS) to inform people about the air quality in their homes, and explore the effect of commercially available home air purifiers on perceived indoor air quality and wellbeing of residents.



Home air purifier (HAP)

Participants in the study will be provided with home air purifiers (HAPs) for use during the study period (figure 1). We will place HAPs in the bedroom of participating homes, and we will install Indoor air quality monitors next to each HAP (figure 2). We will complete surveys to gather information about the physical characteristics of the building and flats (such as, number of rooms, carpeted area, etc.), and occupancy patterns and activities (cooking, etc.). Additionally, we will conduct interviews before and after the installation of HAPs to collect your opinions and feedback.



AQ110A

Indoor air quality sensor

Personal air quality will also be logged using personal exposure monitors (PEMs) worn by one member of each household for a week at a time (figure 3). These monitors will collect anonymized data on temperature, relative humidity (RH), and different air pollutants commonly monitored in the E.U. The PEMs will also provide information on the location of the wearer; whether they are inside the dwelling, inside another building, outside-walking, or outside-using transport.



Personal monitor in charging station

Participants will be asked to keep a diary of their activities while wearing the PEM. Data will be collected for one week in the summer, and one week in the autumn.

Thank you for considering participating in this important research. If you should have any questions, or interest, please do not hesitate to contact us.

## **Participant Information Sheet for Participants in the IAQ Study**

UCL Research Ethics Committee Approval

### **YOU WILL BE GIVEN A COPY OF THIS INFORMATION SHEET**

**Title of Study: Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes**

---

**Department: Institute for Environmental Design and Engineering (IEDE)**

**Name and Contact Details of the Researcher(s):**

**Elizabeth Cooper**

**Dejan Mumovic**

#### **1. Invitation Paragraph**

Dear Resident,

You are being invited to take part in a research project. Before you confirm, it is important for you to understand what the research consists of, why is it being done and what your participation will involve. Please take time to read the following information carefully and discuss it with us or others if you wish. Do feel free to ask us any questions and if anything is unclear, please let us know. Take your time to decide whether you would like to take part in this study. Thank you for reading this.

#### **2. What is the project's purpose?**

People are becoming more concerned about their wellbeing in relation to air quality. This study aims to clarify the relationship between outdoor and indoor air quality so that an early warning sign (EWS) can be developed. The EWS will help people better manage their personal exposure to air pollution. Measuring and removing pollutants from indoor air can reduce discomfort and contribute to a sense of wellbeing at home. The information for this project will be collected for two weeks over a couple of seasons to better characterise the air in relation to weather and people's habits.

#### **3. Why have I been chosen?**

You have been asked to participate because your home is in a building whose management has agreed to let us monitor the indoor air.

#### **4. Do I have to take part?**

It is up to you to decide whether to take part. If you do decide to take part, you will be given this information sheet to keep (and be asked to sign a consent form). You can withdraw at any time without giving a reason. If you decide to withdraw you will be asked what you wish to have happen to data you have provided up that point.

## 5. What will happen to me if I take part?

The experiment will take place over 4-5 months, during which time we will be taking measurements of the temperature, relative humidity, and air pollutants. These measurements will be made through sensors, which will be installed near the building and in your dwelling by us. At the beginning of the study a researcher will come to your property to conduct a brief survey of the dwelling, install the monitoring equipment and a portable home air purifier (HAP, see figure 1), and to speak with you about the project. The researcher will ask you questions about activities that you typically do in and around your home, such as cooking and cleaning. You will also be asked about your opinions and thoughts on the air in your home, the home air purifier, and your wellbeing. This visit should take approximately 60-90 minutes with about 45-60 minutes devoted to the interview. The interviews will be audio recorded and transcribed. We will also ask you to wear or carry a personal air quality monitor for a week or two of the experiment. This instrument weighs roughly a half kilogram (one pound) and is approximately 10 cm on each side, see figure 2.



Home Air Purifier (HAP)



Figure 2. Personal Air Quality Monitor in charging stand (left), and typical indoor air quality monitor (right).

These monitors will sample the air approximately every minute, collecting information about possible pollutants, as well as temperature and humidity. It is also equipped with a GPS that will provide information about the wearer's whereabouts, and a small microphone that will pick up background noise to

provide information about the surroundings. For example, the GPS will identify that you are taking transport, and the microphone could pick up sounds to inform the researchers that you are on a bus. At the end of the study period, we will collect the monitoring equipment.

**6. What if something goes wrong?**

Should any complaints arise regarding the extent of this study, please at the first instance contact the Principal Researcher and raise the issue with them. If you feel that their support is not enough, and the query is unresolved or has not been handled to your satisfaction, you could contact the Supervisor. If dealing with the first two contacts has not settled the problem, then you can contact the Chair of the UCL Research Ethics Committee – [ethics@ucl.ac.uk](mailto:ethics@ucl.ac.uk)

**7. What are the potential risks of participating in the study?**

Our research will consist of the observation and analysis of the environmental conditions of the dwellings; there are no expected disadvantages or risks involved with the collection of these data. Questions will be asked about daily activities and habits that may be considered private. All personal data will be kept strictly confidential, and participants will not be identifiable in any ensuing reports or publications. Participants will be asked to carry a personal exposure monitor for a period of time during the study, and to keep a diary of activities. There is a burden of time and minimal inconvenience associated with these tasks. We will do our best to minimize the time and effort required as part of this study.

The Home Air purifier is a CE marked consumer device and therefore are considered safe for use.

**8. What are the benefits of participating in the study?**

Whilst we cannot guarantee any immediate benefits for those people participating in the project, we hope that this work will provide further clarity on the relationship between outdoor and indoor air quality. Through our work, a possible benefit for the participant would be knowledge on the environmental conditions in their dwellings and possible methods for improving their indoor air quality. It is the view of the research team that the benefits outweigh the risks.

**9. Insurance**

General liability insurance is arranged by Royal Philips. If you would like more information or to receive a certificate of insurance, please contact the Responsible Researcher.

**10. Compensation**

If you choose to participate you will receive a voucher worth £50 at the beginning of the study period, and another £50 voucher at the end of the monitoring.

**11. Will my taking part in this project be kept confidential?**

All the information that we collect about you during the research will be kept strictly confidential. You will not be able to be identified in any ensuing reports or publications.

**12. Limits to confidentiality**

- Please note that assurances on confidentiality will be strictly adhered to unless evidence of wrongdoing or potential harm is uncovered. In such cases the University may be obliged to contact relevant statutory bodies/agencies.
- Please note that confidentiality will be maintained as far as it is possible, unless during our conversation I hear anything which makes me worried that someone might be in danger of harm, I might have to inform relevant agencies of this.
- Please note that confidentiality may not be guaranteed; due to the limited size of the participant sample.
- Confidentiality will be respected subject to legal constraints and professional guidelines.
- Confidentiality will be respected unless there are compelling and legitimate reasons for this to be breached. If this was the case, we would inform you of any decisions that might limit your confidentiality.
- Confidentiality may be limited and conditional and the researcher has a duty of care to report to the relevant authorities possible harm/danger to the participant or others.

### 13. What will happen to the results of the research project?

The data and results generated as part of this research will be used for academic knowledge development and for the completion of the PhD thesis of the primary researcher. Should the results be of publishing value, the findings of the experiment could be included in posters, papers or presentations in either non-peer reviewed or peer-reviewed academic work. If the results are published, they will be available as open access (free to the public). You will not be identified in any report or publication. The supporting data could be used in additional or subsequent research if deemed relevant for the continuation of the project for more in-depth analysis.

### 14. Data Protection Privacy Notice

The data controller for this project will be University College London (UCL). The UCL Data Protection Office provides oversight of UCL activities involving the processing of personal data, and can be contacted at [data-protection@ucl.ac.uk](mailto:data-protection@ucl.ac.uk). [UCL's Data Protection Officer is Lee Shailer and he can also be contacted at data-protection@ucl.ac.uk.](#)

Your personal data will be processed for the purposes outlined in this notice. The legal basis that would be used to process your personal data will be the provision of your consent. You can provide your consent for the use of your personal data in this project by completing the consent form that has been provided to you.

**Your personal data will be processed so long as it is required for the research project.** If we can anonymise or pseudonymise the personal data you provide we will undertake this, and will endeavour to minimise the processing of personal data wherever possible.

If you are concerned about how your personal data is being processed please contact UCL in the first instance at [data-protection@ucl.ac.uk](mailto:data-protection@ucl.ac.uk). [If you remain unsatisfied](#), you may wish to contact the Information Commissioner's Office (ICO). Contact details, and details of data subject rights are available on the ICO

website at: <https://ico.org.uk/for-organisations/data-protection-reform/overview-of-the-gdpr/individuals-rights/>

**15. Who is organising and funding the research?**

This study is funded by the European Institute of Innovation & Technology (EIT), an independent EU body. The research is done in partnership with UCL, Philips, IMEC, Forum Virium, and Achmea Insurance.

**16. Contact for further information**

Elizabeth Cooper

[elizabeth.cooper.18@ucl.ac.uk](mailto:elizabeth.cooper.18@ucl.ac.uk)

UCL Institute for Environmental Design and Engineering (IEDE)

90 Tottenham Court Road

London

W1T 4TJ

**You will be provided with a copy of this information sheet and the consent form for signing. Thank you for reading this information sheet and for considering taking part in this research study.**

## **Informed Consent Form for Monitoring in Research Studies**

### **Informed Consent Form for Monitoring in Research Studies**

UCL Research Ethics Committee Approval

**Title of Study: Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes**

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**Please complete this form after you have read the Information Sheet and/or listened to an explanation about the research.**

Thank you for your interest in taking part in this research. Before you agree to take part, the person organising the research must explain the project to you. If you have any questions arising from the Information Sheet or explanation already given to you, please ask the researcher before you to decide whether to join in. You will be given a copy of this Consent Form to keep and refer to at any time.

#### **Participant's Statement**

- I confirm that I have read and understand the information sheet for the above.
- I confirm that I am 18 years of age or older.
- I have had the opportunity to ask questions, and these have been answered to my satisfaction.
- I understand that taking part in this study is voluntary (my choice) and that I may withdraw from the study at any time. I understand I can also withdraw any information I have given up to three months after I provided the information. I understand that there are no consequences if I decide to withdraw.
- I can confirm that I have received a Health and Safety briefing from the research team, concerning the equipment and the risks associated with tampering or physical contact.
- I can confirm that I have been informed about the length of the monitoring period, and the number of visits that will be requested by the research team.
- I have had sufficient time to consider whether to take part.
- I know whom to contact if I have any questions about the research.
- I agree to the use of my relevant personal data and research data for the purposes described in the information letter.
- I agree to the use of anonymised quotes in publications



- I understand that such information will be treated as strictly confidential and handled in accordance with the provisions of the Regulation (EU) 2016/679: EU General Data Protection Regulation (GDPR).
- I understand that all devices used in this study must be returned to the Responsible Researcher at the end of my participation in the study.

*(please tick box)*

Yes  No

I agree that the data from this study may be used in the future for secondary and research and development purposes related to air quality improvement.

*(please tick box)*

Yes  No

\_\_\_\_\_  
\_\_\_\_\_

Name (Participant)

\_\_\_\_\_  
\_\_\_\_\_

Signature

Date

**Responsible Researcher**

I have answered all questions about the study, discussed the meaning and scope of this informed consent, and signed it in the presence of the volunteer.

\_\_\_\_\_  
\_\_\_\_\_

Name

\_\_\_\_\_  
\_\_\_\_\_

Signature

Date

## Low Risk Application Form (BSEER version)

### UCL Research Ethics Committee

Before completing this form:

- Check that your research is low risk - using Step 4 checklist.
- Check whether you are collecting personal data (see Q42). If you are collecting personal data, register your research with UCL's Data Protection Officer, at UCL Legal Services (<http://www.ucl.ac.uk/legal-services/research>). Once you have registered your research, complete this form.

### **Step 5 – Low Risk Application Form (BSEER version)**

**Note to Applicants:** It is important for you to include all relevant information about your research in this application form as your ethical approval will be based on this form. Therefore anything not included will not be part of any ethical approval. The completed form must be checked and signed by the supervisor or principal investigator before submission.

BSEER ethics evaluators are not a drafting service! If the application does not address one or more issues adequately and requires re-submission, the revised application will only be considered a *minimum* of two weeks after the applicant was advised to re-submit. To avoid this, applicants are advised to pay particular attention to Section F on Data Protection, Q30a on Consent (including any information sheets). Read each question carefully and answer them thoroughly. The supervisor / PI must thoroughly check and sign the application form.

Data collection cannot start until the project has research ethics approval.

#### Application For Ethical Review: Low Risk

\* Which BSEER Institute (Energy, IEDE, ISH, ISR) does this application apply to?

IEDE

\* Is this application for Staff OR Research Student OR Taught Student research?

Staff and Research Student

#### Section A: Application details

|   |                     |  |
|---|---------------------|--|
| 1 | Title of Project    | Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes |
| 2 | Proposed start date | 01/05/19   |

|   |  |   |
|---|--|---|
| 3 | Proposed end date  | 31/12/19  |
| 4 | Principal Investigator   | Dejan Mumovic   |
| 5 | Position held (Staff/Student)  | Staff   |
| 6 | Faculty/Department   | BSEER   |
| 7 | Course Title (if student)  |   |
| 8 | Contact Details<br>Students must provide their <u>UCL</u> email address  |   |
| 9 | Provide details of other Co-Investigators/Partners/Collaborators who will work on the project.<br><br><i>Note: This includes those with access to the data such as transcribers.</i> |   |
|   | Name: Elizabeth Cooper<br>Position held: Postgrad Researcher<br>Faculty/Department: BSEER, IEDE<br>Location (UCL/overseas/other UK institution):                                     | Name:<br>Position held:<br>Faculty/Department:<br>Location (UCL/overseas/other UK institution):<br>Email: |
|   | If you <b>do not know</b> the names of all collaborators, please write their roles in the research.  |   |

|    |   |             |
|----|---|-------------|
| 10 | If the project is funded ( <i>this includes non-monetary awards such as laboratory facilities</i> ) |             |
|    | Name of Funder  | EIT Digital |
|    | Is the funding confirmed?   | Yes         |

|    |                 |
|----|-----------------|
| 12 | Name of Sponsor |
|----|-----------------|

The Sponsor is the organisation taking responsibility for the project, which will usually be UCL. If the Sponsor is *not* UCL, please state the name of the sponsor.

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>13</b>                          | <b>If this is a student project</b> |
| UCL Supervisor Name                |                                     |
| Supervisor email                   |                                     |
| Position held                      |                                     |
| Institute<br>(Energy/IEDE/ISH/ISR) |                                     |
| Faculty/Department                 |                                     |
| Contact details                    |                                     |

### Section B: Project details

The following questions relate to the objectives, methods, methodology and location of the study. Please ensure that you answer each question in lay terms.

|  |   |
|--|---|
| <b>14</b>  | <b>Provide a <i>brief</i> (300 words max) background to the project, including its intended aims.</b> |
| <p>There is increasing interest in the indoor air quality (IAQ) in our homes, schools, and workplaces as people spend nearly 90% of their time indoors. The aim of this research is to develop a personalised early warning signal (EWS) to trigger self-management when indoor air quality deteriorates, and to explore the impact of commercially available home air purifiers and associated EWS on perceived indoor air quality and self-reported wellbeing of occupants. This research also aims to advance our understanding of time-activity patterns for use in modelling protocols that include prediction of human exposure to pollution from indoor sources.</p> <p>The study is a pilot utilising a convenience sample approach of 20 households in each of three cities, Eindhoven, Helsinki and London. Households will be provided with home air purifiers (HAPs) for use during the study period. Indoor air quality monitors will be installed next to each HAP. Outdoor PM<sub>2.5</sub> levels will be monitored at sites close to each apartment building. Building and apartment level surveys will be conducted to gather information about occupancy, physical characteristics (e.g. floor area, number of rooms,</p> |   |

carpeted area, upholstered furniture, kitchen extractor, bathroom extractor, etc.), occupancy patterns (daily, weekly) and occupant behaviour (cooking, bath, shower, etc.). Additionally, semi-structured interviews will be conducted before and after the installation of HAPs to assess how users react to HAPs and EWS, how their perceived IAQ and/or wellbeing might have changed following the installation of the HAPs, and to what extent the EWS might have affected their perceptions or behaviour.

|   |  |
|---|--|
| 15  | <b>Methodology &amp; Methods (highlight all that apply)</b>  |
| <input checked="" type="checkbox"/> Interviews<br><input type="checkbox"/> Focus groups<br><input checked="" type="checkbox"/> Questionnaires (including verbal)<br><input type="checkbox"/> Action Research<br><input checked="" type="checkbox"/> Observation<br><input type="checkbox"/> Use of personal records<br><input type="checkbox"/> Audio/visual recordings (including photographs) | <input checked="" type="checkbox"/> Collection/use of sensor or locational data<br><input type="checkbox"/> Controlled trial<br><input checked="" type="checkbox"/> Intervention study (including changing environments)<br><input type="checkbox"/> Systematic review (See Section D)<br><input type="checkbox"/> Secondary data analysis (See Section E)<br><input type="checkbox"/> Advisory/consultation<br><input type="checkbox"/> Other, give details:  |
| 16a   | <p><b>Provide an overview of the project; focusing on your methodology</b> and including information on what data/samples will be taken (including a description of the topics/questions to be asked), how data collection will occur and what (if relevant) participants will be asked to do. This should include a justification for the methods chosen.</p> <p><b>Please do not just copy and paste a research proposal or case for support.</b></p> <p>Personal air quality will also be logged through the use of personal exposure monitors (PEMs) worn by one member of each household. These monitors will collect data on temperature, relative humidity (RH), CO, NO<sub>2</sub>, NO, O<sub>3</sub>, and PM<sub>2.5</sub>. The PEMs also have a GPS and a microphone to provide information on the location of the wearer; inside the dwelling, inside another building, outside-walking, or outside-using transport. Data at each location will be collected for one week in the non-heating season, and one week during the heating season in London. Meteorological data will be obtained from weather stations near the building.</p> <p>Analysis and improvement of the EWS will be based on data collected from each site and household. The EWS is to be a sign (e.g. web/phone application) that indicates to users that the air quality (indoors or outdoors) has, or is predicted to, become better or worse. The algorithm that generates the EWS uses indoor/outdoor air quality ratios (I/O), and information about the building, which can be customized to the user's house and habits.</p> |

### Set-up and Analysis of Personal Exposure Monitor (PEM) Data

The PEM (Figure) is a self-contained, compact and lightweight unit that incorporates multiple sensors for activity, and for physical and chemical parameters. The PEM is small enough that it can be worn for personal monitoring. A single charge of the battery lasts for ~24 hours. Software was developed to make management and post-processing of the data automatic. Data is held in a relational database management system in SQL. The apparatus has previously been deployed in a number of personal exposure studies.

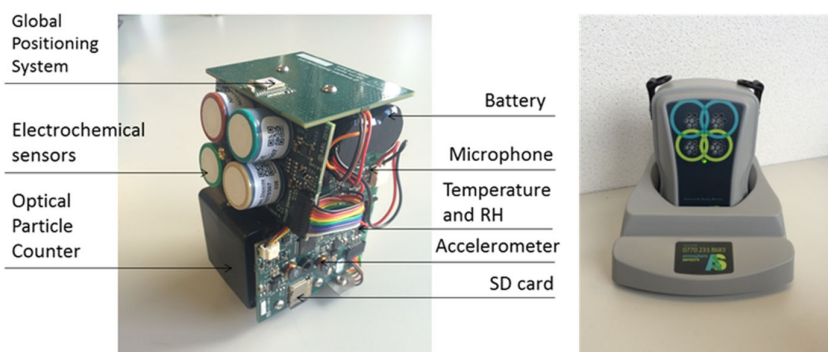


Figure: The personal exposure monitor. Platform internals (left), and shown in charging base-station (right).

Table: Summary of monitored parameters of the PEM:  $PM_1$ ,  $PM_{2.5}$  and  $PM_{10}$  = the fraction of particles with an aerodynamic diameter smaller than  $1 \mu\text{m}$ ,  $2.5 \mu\text{m}$  and  $10 \mu\text{m}$  respectively; CO = carbon monoxide; NO = nitric oxide;  $\text{NO}_2$  = nitrogen dioxide;  $\text{O}_3$  = ozone.

| Parameter  | Method                          | Monitoring Interval |
|--|---------------------------------|---------------------|
| Spatial coordinates  | Global Positioning System (GPS) | 20 sec              |
| Background noise   | Microphone                      | 100 Hz              |
| Physical activity  | Tri-axial accelerometer         | 100 Hz              |
| Temperature ( $^{\circ}\text{C}$ )                           | Semiconductor IC                | 4 sec               |
| Relative Humidity (RH) (%)                                   | Electrical resistive            | 4 sec               |
| $PM_1$ , $PM_{2.5}$ , $PM_{10}$ ( $\mu\text{g}/\text{m}^3$ ) | Optical Particle Counter (OPC)  | 20 sec              |
| CO, NO, $\text{NO}_2$ , $\text{O}_3$ (ppb)                   | Electrochemical sensors (EC)    | 1 sec               |

A PEM dataset is to be acquired from previous research. These data will be used to develop an algorithm of personal exposure and time-activity. Testing and validation of PEMs and algorithm will be done in east London at a site that has had previous and extensive monitoring.

#### *Collection of Air Quality Data in Three Cities*

A sample of 20 households in each of three cities, Eindhoven, Helsinki and London, will be used for the collection of air quality (AQ) data. In each city, 10 of the households will be provided with home air purifiers (HAPs) and 10 will not. Each HAP has a built-in sensor for PM<sub>2.5</sub> and can send information via the cloud to the manufacturer of ON/OFF status and PM<sub>2.5</sub> levels. Separate PM<sub>2.5</sub> sensors are to be installed in all dwellings. Outdoor PM<sub>2.5</sub> levels will be monitored at sensors close to each site. Surveys will be conducted at the households to gather information about occupancy, physical characteristics of the dwelling (e.g. area, carpeted, etc.), occupancy patterns and behaviours. Survey structure and content will be based on those developed for SINPHONIE (Schools Indoor Pollution and Health Observatory Network in Europe – Final Report. 2014).

Personal air quality will also be logged through the use of PEMs worn by one member of each household. These monitors will collect data on temperature, relative humidity (RH), CO, NO<sub>2</sub>, NO, O<sub>3</sub>, and PM<sub>2.5</sub> (as described in the first section). The PEMs also have a GPS and a microphone to provide information on the location of the wearer; inside the dwelling, inside another building, outside-walking, and outside-using transport. Data at each location will be collected for one week in the non-heating season, and one additional week in London during the heating season. Meteorological data will be obtained from a weather station near the building.

#### *Development of Basic Early Warning Signal (EWS)*

Analysis and development of a basic EWS will be based on data collected from each site and household. The EWS is to be a signal that indicates to users that the air quality (indoors or outdoors) has, or is predicted to, become better or worse. The algorithm that generates the EWS uses indoor/outdoor air quality ratios (I/O), and information about the building or historical ratios, which can be customized to the user's house and habits.

#### *Collection of Time-Activity Data*

Time-activity data will be collected using personal wearable monitors and diaries kept by household participants. The cohort will be selected from participants from the other parts of the study, and households may include children or people with respiratory conditions. However, participation will be voluntary, and will not target specific, or vulnerable, populations. Diaries are to be kept that include activities (e.g. cooking, reading), time, location, and perceived air quality.

|            |   |
|------------|---|
| <b>16b</b> | <p><b>Questions / Topic Guides / Tests</b></p> <p><i>Please attach a copy of any interview questions / questionnaires / workshop topic guides / tests (e.g. psychometric), etc.</i></p> <p><i>What questions / topic guides / tests are attached?</i></p> <p><i>Are they in final or draft form? <b>Draft</b></i></p> |
|------------|---|

|           |  |
|-----------|--|
| <b>17</b> | <p><b>Please state which code of ethics will be adhered to for this research (for example, BERA, BPS, etc). If none, please state.</b></p> |
|           |  |

|           |   |
|-----------|---|
| <b>18</b> | <p><b>Please indicate where this research is taking place.</b></p> <p><input type="checkbox"/> UK only (Skip to 'location of fieldwork' Q21)</p> <p><input type="checkbox"/> Overseas only</p> <p><input checked="" type="checkbox"/> UK &amp; overseas</p>   |
| <b>19</b> | <p><b>If the research includes work outside the UK, is ethical approval in the host country (local ethical approval) required*?</b></p> <p style="text-align: right;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p><b>If no</b>, please explain why local ethical approval is not necessary/possible.</p> <p><b>If yes</b>, provide details below including whether the ethical approval has been received.</p> <p><b>Note:</b> Full UCL ethical approval will not be granted until local ethical approval (if required) has been evidenced.</p> <p>*To check which local ethics committee you may need to apply to, the International Compendium of Human Research Standards contains information on over 100 countries, including key organisations such as local ethics committees.<br/> <a href="http://www.hhs.gov/ohrp/international/compilation-human-research-standards/index.html">http://www.hhs.gov/ohrp/international/compilation-human-research-standards/index.html</a></p> |



|           |   |
|-----------|---|
| <b>20</b> | <p><b>Does the research place you or any other members of the research team at any risk greater than in your daily life?</b></p> <ul style="list-style-type: none"> <li>• <i>EG Lone working in non-public places.</i></li> <li>• <i>EG Working in potentially unsafe environments.</i></li> <li>• <i>EG Overseas research where the UK Foreign and Commonwealth Office (<a href="http://www.fco.gov.uk">www.fco.gov.uk</a>) advises against travel to that region? If necessary, submit a travel insurance form to UCL Finance (see application guidelines for more details). This can be accessed here: <a href="https://www.ucl.ac.uk/finance/secure/fin_acc/insurance.htm">https://www.ucl.ac.uk/finance/secure/fin_acc/insurance.htm</a></i></li> </ul> <p style="text-align: center;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p><b>If yes, has a project risk assessment, signed by the supervisor / Principal Investigator / Head of Department been submitted?</b></p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/></p> |
|-----------|---|

|           |   |
|-----------|---|
| <b>21</b> | <p><b>State the location(s) where the research will be conducted and data collected. For example public spaces, schools, private company, using online methods, postal mail or telephone communications.</b></p> <p>Public spaces near apartment buildings, and inside private apartment buildings and flats.</p> |
|-----------|---|

|           |  |
|-----------|--|
| <b>22</b> | <p><b>Does the research location require any additional permissions (e.g. obtaining access to schools, hospitals, private property, non-disclosure agreements, access to biodiversity permits (CBD), etc.)?</b></p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>If yes, please state the permissions required.</b></p> <p>Access agreements will be made between the building owner/manager and the researchers prior to recruiting participants. Participants will be tenants within the apartment buildings who have given written consent.</p> |
|-----------|--|

|           |  |
|-----------|--|
| <b>23</b> | <p><b>Have the above approvals been obtained?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><input type="checkbox"/> N/A</p> <p><b>If yes, please attach a copy of the approval correspondence.</b></p> <p><b>If not, confirm they will be obtained prior to data collection.</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><input type="checkbox"/> N/A</p> |
|-----------|--|

### Access to data

- 24** If you are using data or information held by third party, please explain how you will obtain this. You should confirm that the information has been obtained in accordance with the UK Data Protection Act 1998.

### Reporting / Publishing / Disseminating / Sharing Results

- 25** How will the results be reported, published, shared and otherwise disseminated (including communication of results with participants)?
- Publication of study results will be sought in peer-reviewed journals, and/or conferences. Results will be shared with interested participants of the study, and a workshop is planned to share the findings with public health professionals.

## Section C: Details of Participants

In this form 'participants' means human participants and their data (including sensor/location data, observational notes/images, tissue and blood samples, as well as DNA).

- 26** **Does the project need participants or data from participants?**  
*EG Will you ask people to complete a survey or be interviewed?*  
*EG Will you monitor people in some way – observation, location data, etc.?*

**Yes**  Complete all parts of this Section.

**No**  Move to Section D.

- 27** **I confirm that I have read the high-risk checklist and this study will not include participants or data from participants that fall under sections 1-3.**

**Yes**  Complete all parts of this Section.

**No**  Complete the high risk checklist and apply to the UCL Research Ethics Committee.

### Participant Details

|  |  |
|--|--|
| 28   | <p>Approximate Number of participants required: 60</p> <p>Approximate Upper age limit: 90                      Lower age limit: 16</p> <p>Justification for the age range and sample size: All adults in the household are eligible to participate. It is up to the household to select the most appropriate participant.</p>  |
| <p><b>Inviting / Enrolling / Recruiting / Admitting / Including Participants</b></p> |  |
| 29   | <p>Adult participants will be approached by the housing agency that manages the housing projects through social media, notices on bulletin boards, flyers in mailboxes, and in community meetings. Participants will have multiple opportunities to enquire about the project through the property management and the researchers at site visits before deciding whether they are interested in participating.</p>   |
| <p><b>Consent</b></p>  |  |
| 30a  | <p>Describe the process you will use when seeking to obtain consent. <b>Note:</b> This should include reference to what participants are being asked to consent to, such as whether their contribution will be identifiable/anonymous, limits to confidentiality and whether their data can be withdrawn at a later date.</p> <p>For guidance on preparing information sheets and obtaining and recording consent see:</p> <ul style="list-style-type: none"> <li>• accompanying guidance on writing information sheets in clear language appropriate to the target audience</li> <li>• <a href="https://ethics.grad.ucl.ac.uk">https://ethics.grad.ucl.ac.uk</a></li> <li>• <a href="http://www.ucl.ac.uk/srs/research-ethics-committee/pages/ioe">http://www.ucl.ac.uk/srs/research-ethics-committee/pages/ioe</a></li> <li>• <a href="http://www.data-archive.ac.uk/create-manage/consent-ethics/consent">http://www.data-archive.ac.uk/create-manage/consent-ethics/consent</a></li> </ul> <p>Participants will explicitly be informed of their right to not participate, and that there are no negative consequences to non-participation. This will be communicated verbally, as well as included on the information sheet and consent form.</p> |
| 30b  | <p><b>Consent Attachments</b> Please list them below:</p> <p><i>Ensure that a copy of all invitation / recruitment documentation (recruitment emails/posters, information sheet/s, consent form/s) have been attached to the application.</i></p> <p>Included: Information sheet and consent form. Invitations are informal through the housing management and word of mouth from tenants that have participated in similar studies in the past.</p>   |
| 30c  | <p>If you are <b>not</b> intending to seek consent from participants, clarify why below:</p>   |

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| <b>Section D: Secondary data analysis</b> |
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| <b>31</b> | <p><b>Does your study involve the use of previously collected data?</b></p> <p>Yes <input type="checkbox"/> Complete all parts of this Section.</p> <p>No <input checked="" type="checkbox"/> Move to Section E.</p>   |
| <b>32</b> | <p><b>Name of dataset/s:</b></p>   |
|           | <p><b>Owner of dataset/s (if applicable):</b></p>  |
| <b>33</b> | <p><b>Are the data in the public domain?</b> <span style="float: right;">Yes <input type="checkbox"/></span></p> <p style="padding-left: 40px;">No <input type="checkbox"/></p> <p><b>If no, do you have the owner's permission/license?</b> <span style="float: right;">Yes <input type="checkbox"/></span></p> <p style="padding-left: 40px;">No* <input type="checkbox"/></p>   |
| <b>34</b> | <p><b>Are the data anonymised?</b> <span style="float: right;">Yes <input type="checkbox"/></span></p> <p style="padding-left: 40px;">No <input type="checkbox"/></p> <p><b>If no:</b></p> <p style="padding-left: 20px;">i. Do you plan to anonymise the data? <span style="float: right;">Yes <input type="checkbox"/></span></p> <p style="padding-left: 60px;">No* <input type="checkbox"/></p> <p style="padding-left: 20px;">ii. Do you plan to use individual level data? <span style="float: right;">Yes* <input type="checkbox"/></span> <span style="float: right;">No</span></p> <p style="padding-left: 40px;"><input type="checkbox"/></p> <p style="padding-left: 20px;">iii. Will you be linking data to individuals? <span style="float: right;">Yes* <input type="checkbox"/></span></p> <p style="padding-left: 60px;">No <input type="checkbox"/></p> |
| <b>35</b> | <p>Are the data sensitive (<a href="#">DPA 1998 definition</a>)? <span style="float: right;">Yes* <input type="checkbox"/></span></p> <p style="text-align: right;">No <input type="checkbox"/></p>  |
| <b>36</b> | <p>Will you be conducting analysis within the remit it was originally collected for? <span style="float: right;">Yes <input type="checkbox"/></span></p> <p style="text-align: right;">No* <input type="checkbox"/></p>  |

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| <b>37</b> | If no, was consent gained from participants for subsequent/future analysis? | Yes <input type="checkbox"/><br>No* <input type="checkbox"/> |
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**If you ticked any boxes with an asterisk (\*), please ensure that you give further details in Section F: Ethical Issues.**

**Section E: Ethical Issues**

**Ethical Issues**

|           |  |
|-----------|--|
| <b>38</b> | <p>Please address clearly any ethical issues that may arise in the course of this research, including those highlighted earlier in the form, and how they will be addressed. Possible harms include physical, psychological, emotional, economic, reputational, and legal. The potential severity, duration and probability of harm vary from minimal to high.</p> <p><b>Note:</b> All ethical issues should be addressed - <i>do not leave this section blank</i>. If you think there are no ethical issues, you need to provide an explanation as to why.</p> <p>The research involves healthy adults. Informed consent is sought and required from all participants. There is a small risk of identification of participants due to the small number of participants in each location. Data will be anonymised, but due to the small number of participants, it may be possible to link data back to the participants. During processing, the first names of the participants will be known to the researcher. The name will be assigned to the participant unique code and it will be kept separately from the questionnaire results. The paper questionnaires will be securely destroyed following transfer of answers to an excel file. All data will be stored in a password protected laptop, as described in the relevant Data Protection Application document.</p> <p>All equipment being used or provided during the study period has been approved for commercial use, so there is little to no risk from the equipment itself. Nevertheless, instruction on the use of all equipment with which the participants may interact will be thoroughly explained as to its function and operation (if the participants are asked to interact with the hardware)</p> |
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**Risks & Benefits**

|    |   |
|----|---|
| 39 | <p>If there are <i>benefits</i> to participants of taking part in the study (e.g. have their views heard, feedback, access to services, incentives), please state these:</p> <p>There are no specific benefits for the participants from this study. It will be explained to them however that they will be participating in a research study which aims to contribute to the improvement in the design and operation of buildings to make air quality indoors better.</p> <p>The participants will also have an opportunity to learn about air pollution indoors and outdoors, and to understand some of the problems associated with such pollution. The researchers will also share any results obtained from the study with interested residents.</p>   |
| 40 | <p>Do you intend to offer incentives or compensation, including access to free services)?</p> <p>Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If yes, specify the amount to be paid and/or service to be offered as well as a justification for this.</b></p> <p>£/€100 total in vouchers will be provided to the participated households (over two payments, one at the start of the study and one at the end)</p>   |
| 41 | <p>Please state any <i>risks</i> to participants and how these risks will be managed.</p> <ol style="list-style-type: none"> <li>1) Monitoring: The monitoring component of the study will include monitoring energy and indoor environmental parameters Monitoring data will not include any data that allows an individual to be personally-identified. Monitoring will only take place in locations with agreement from building managers and occupants. Informed consent will be sought and recorded in the form of a project description and signed agreement. Building managers will accompany researchers during the installation of equipment to ensure no disturbances. All equipment will be placed in locations approved by residents, who will have the right to request its removal. Monitoring equipment is small and non-destructive; however consideration will be given to regarding how to mitigate any accidental harms that may occur. As such, we foresee no ethical issues with the monitoring work.</li> <li>2) Questionnaires: Questionnaires will be completed by volunteers, and participants will be able to withdraw at any time. The number of participants in the questionnaire may not be sufficient to ensure confidentiality and to prevent the identification of individual respondents, however only the interviewer will know the identity of the respondent, as answers will be coded to protect identities. Additionally, data protection procedures will be followed to separate questionnaire metadata (building, flat) from questionnaire results. Questionnaires will be accompanied by an</li> </ol> |

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|  | <p>information and consent sheet, and agreement to complete the questionnaire will be taken as informed consent.</p> <p>3) Interview: During the interview, no names, or specific flat number will be noted, but instead coded to maintain confidentiality. As with the questionnaires, interviewees will have provided informed consent. During dissemination, or during transcription person-identifying information will be anonymised. Therefore, we foresee no ethical issues during the interview phase.</p> <p>4) Dissemination: During dissemination, all building information will be kept anonymous, describing buildings in terms of broad building type rather than specific names. In the case where research outcomes indicate a particularly poorly-performing building, this will be communicated to building managers, as well as suggestions or information on how to correct the building performance. We therefore foresee no ethical issues during dissemination.</p> |
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**Section F: Confidentiality, Data Storage & Security**

Please ensure that you answer each question and include all hard and electronic data.

|                  |   |
|------------------|---|
| <p><b>42</b></p> | <p><b>Will the research involve the collection and/or use of personal data (this includes when individual participants are only identifiable by the researcher)?</b></p> <p><i>Personal data is data which relates to a living individual who can be identified from that data OR from the data and other information that is either currently held, or will be held by the data controller (the researcher). This includes:</i></p> <ul style="list-style-type: none"> <li>– Obviously identifiable data such as email/postal addresses, many names, etc.</li> <li>– any expression of opinion about the individual and any intentions of the data controller or any other person toward the individual.</li> <li>– sensor, location or visual data which may reveal information that enables the identification of a face, address, etc (some postcodes cover only one property).</li> <li>– combinations of data which may reveal identifiable data, such as names, email/postal addresses, date of birth, ethnicity, descriptions of health diagnosis or conditions, computer IP address (if relating to a device with a single user).</li> <li>–</li> </ul> <p>Yes <input checked="" type="checkbox"/> No</p> <p><b>All research projects using personal data must be registered with UCL Legal Services (<a href="http://www.ucl.ac.uk/legal-services/research">http://www.ucl.ac.uk/legal-services/research</a>) before the data is collected.</b></p> <p><i>This process will help researchers, supervisors and investigators meet their legal obligations under the UK Data Protection Act 1998 (the UK legislation implementing</i></p> |
|------------------|---|

|                  |   |
|------------------|---|
|                  | <p>the EU Data Protection Directive 1995).</p> <p>To complete this process you will need to think about how the data is being protected, e.g. whether personal data will be stored separately from the research data and linked using a link code, and whether personal data will be shared outside the research team. The following may be helpful:</p> <ul style="list-style-type: none"> <li>. UCL Data Protection Policy Section 5 Security of Personal Data &amp; Section 9 Research using personal data: <a href="https://www.ucl.ac.uk/informationsecurity/policy/public-policy/DataProtectionPolicy1016.pdf">https://www.ucl.ac.uk/informationsecurity/policy/public-policy/DataProtectionPolicy1016.pdf</a></li> <li>. A practical note for researchers on the limited exemptions from the UK Data Protection Act is here: <a href="http://www.adls.ac.uk/publications-and-documents/">http://www.adls.ac.uk/publications-and-documents/</a></li> </ul> <p><b>Please provide your UCL Data Protection registration number:</b></p> <p>If the UCL Data Protection registration form asks for your UCL ethics application number, say that do not have one because you are applying for departmental ethics approval.</p> <p>If you do not have a registration number from Legal Services, please clarify why not:</p> |
| <p><b>43</b></p> | <p><b>Is the research collecting or using</b></p> <ul style="list-style-type: none"> <li>– sensitive personal data as defined by the UK Data Protection Act (racial or ethnic origin / political opinions / religious beliefs / trade union membership / physical or mental health / sexual life / commission of offences or alleged offences), and/or</li> <li>– data which might be considered sensitive in some countries, cultures or contexts.</li> </ul> <p>Yes <input type="checkbox"/>      No <input checked="" type="checkbox"/></p> <p>If yes, state whether explicit consent will be sought for its use and what data management measures are in place to adequately manage and protect the data.</p>   |

|  |   |
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| <p><b>During the project (including the write up and dissemination period)</b></p> |   |
| <p><b>44</b></p>   | <p><b>State what data will be generated from this project (i.e. transcripts, videos, photos, audio tapes, field notes, etc).</b></p> <p>Transcripts, air quality readings, time-activity data (where participants are located e.g. in transport, at home)</p> |



|    |   |
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| 45 | <p><b>How will data be stored, including where and for how long? This includes all hard copy and electronic data on laptops, share drives, usb/mobile devices.</b></p> <p>Data will be stored on secure servers at UCL, imec (NL), and Eltek (UK)</p>   |
| 46 | <p><b>Who will have access to the data, including advisory groups and during transcription?</b></p> <p>Only project involved team members will have access to the data. Data is secure and encrypted per data protection regulations under the EU. No data is stored or shared outside of the EU and UK.</p>  |
| 47 | <p><b>Do you confirm that all personal data will be stored and processed in compliance with the Data Protection Act 1998 (DPA 1998).</b></p> <p>Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no</b>, please clarify why.</p>   |
| 48 | <p><b>Will personal data be processed or be sent outside of the European Economic Area (EEA)?*</b></p> <p>Yes <input type="checkbox"/>      No <input checked="" type="checkbox"/></p> <p><b>If yes</b>, please confirm that there are adequate levels of protection in compliance with the DPA 1998 and state what arrangements are below.</p> <p><b>*Please note</b> that if you store your research data containing identifiable data on UCL systems or equipment (including by using your UCL email account to transfer data), or otherwise carry out work on your research in the UK, the processing will take place within the EEA and will be captured by Data Protection legislation.</p> |

|                                 |  |
|---------------------------------|--|
| <p><b>After the project</b></p> |  |
| 49                              | <p>i. <b>What data will be stored and how will you keep it secure?</b></p> <p>Data will include air quality readings from indoors and outdoors, time-activity data and diary logs, interview responses, and information on home air purifier status. All these data will be kept on secure servers within the EU, under EU regulations.</p> <p>ii. <b>Where will the data be stored and who will have access?</b></p> <p>Data will be stored on UCL’s secure servers, and imec’s secure servers (under EU data protection guidelines, these data will be anonymised)</p> |

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|  | <p>iii. Will the data be securely deleted?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>If yes, please state when will this occur:</b></p> <p>iv. Will the data be archived for use by other researchers? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>If yes, please provide further details including whether researchers outside the European Economic Area will be given access.</b></p> <p>Anonymised data will be used by other UCL researchers within the UK and the EEA. Specifically data may be used by the PhD student involved with the collection and analysis of the original data.</p> |
|--|--|

**Applicant Declaration:** I confirm that the information in this form is accurate to the best of my knowledge.

**Supervisor's Declaration:** I confirm that I have checked this completed form and that the information in it is accurate to the best of my knowledge.

|                          |  |
|--------------------------|--|
| Signature                |  |
| Date                     |  |
| <b><u>If student</u></b> |  |
| Supervisor Name:         |  |
| Supervisor Signature:    |  |
| Date:                    |  |

This signed form and the ethics approval should be included as an appendix in the Masters Dissertation or PhD Upgrade Documents, whichever applies.

## Legal Services

### Research registration form for research studies that require UCL ethical approval

All research projects using personal data must be registered with the UCL Data Protection Registration Service **before the data is collected**. This includes projects approved by the Joint Research Office (a partnership between University College London, UCL Hospitals NHS Foundation Trust and the Royal Free Hampstead NHS Trust).

Where it the controller, UCL is required by law to comply with the data protection legislation. For students who are processing personal data as part of their programme of studies, UCL will be the controller.

This form should only be completed if identifiable data is being collected and used as part of research on the basis that identifiable data is personal data and data protection law applies. **Data protection legislation does not apply to anonymous data. Registration will not be required when staff or students are only processing anonymous data.**

As part of registering your research, we also need to be notified of changes which effect data protection compliance. You can find out more about the changes you need to tell us about by visiting the [research and data protection](#) website.

All sections must be completed before submitting this form to the data protection team.

| A. APPLICATION DETAILS                                  |   |
|---|---|
| A1.   | Project title: Quality of Indoor Air on Sites Matched with Outdoor Air Quality Datasets to Improve Wellbeing Outcomes             |
| a.  | Proposed start date: 01/05/2019<br>Proposed end date: 31/12/2019  |
| B. CHIEF INVESTIGATOR (CI); PRINCIPAL INVESTIGATOR (PI) |   |
| B1.   | <i>(Undergraduate, postgraduate or research postgraduate cannot be the CI/PI for Ethics purposes).</i>                            |
| a.  | Full Name: Dejan Mumovic  |
| b.  | Position held: Professor  |
| c.  | School: BSEER   |
| d.  | Faculty: Built Environment  |
| e.  | Department: Inst. For Env. Design & Eng.  |
| f.  | Email: d.mumovic@ucl.ac.uk  |
|   | <i>Please note that if the CI/PI is not a UCL employee you should provide details below of a responsible UCL employee below).</i> |
| g.  | Full Name*:   |

|    |                |            |
|----|----------------|------------|
| h. | Position held: |            |
| i  | School:        |            |
| J  | Faculty:       |            |
| k. | Department:    |            |
| l. | Email:         | Telephone: |

### C. DATA COLLECTOR (S)

|     |  |  |
|-----|--|--|
| C1. | Data Collector(s) Details <i>(if Applicant is not the PI e.g. student details)</i> : |  |
| a.  | Full Name: Elizabeth Cooper  |  |
| b.  | Position held: Post-graduate research student  |  |
| c.  | School: BSEER  |  |
| d.  | Faculty: Built Env   |  |
| g.  | Department: Inst. For Env. Design & Eng.   |  |
| h.  | Email:<br>elizabeth.cooper.18@ucl.ac.uk  |  |

### D. DETAILS OF THE PROJECT

There is increasing interest in the indoor air quality (IAQ) in our homes, schools, and workplaces as people spend nearly 90% of their time indoors. The aim of this research is to develop a personalised early warning signal (EWS) to trigger self-management when indoor air quality deteriorates, and to explore the impact of commercially available home air purifiers and associated EWS on perceived indoor air quality and self-reported wellbeing of occupants. This research also aims to advance our understanding of time-activity patterns for use in modelling protocols that include prediction of human exposure to pollution from indoor sources.

The study is a pilot utilising a convenience sample approach and no control group. A sample of 20 households in each of three cities, Eindhoven, Helsinki and London, will be recruited (total: 60 households). Households will be provided with home air purifiers (HAPs) for use during the study period. In half of the homes, HAPs will be placed in the bedroom only, and in the living room and bedroom of the other half of the study homes. Indoor air quality monitors will be installed next to each HAP. Outdoor PM<sub>2.5</sub> levels will be monitored at sites close to each apartment building. Building and apartment level surveys will be conducted to gather information about occupancy, physical characteristics (e.g. floor area, number of rooms, carpeted area, upholstered furniture, kitchen extractor, bathroom extractor, etc.), occupancy patterns (daily, weekly) and occupant behaviour (cooking, bath, shower, etc.). Additionally, semi-structured interviews will be conducted before and after the installation of HAPs to assess how users react to HAPs and EWS, how their perceived IAQ and/or wellbeing might have changed following the installation of the HAPs, and to what extent the EWS might have affected their perceptions or behaviour.

Personal air quality will also be logged using personal exposure monitors (PEMs) worn by

one member of each household. These monitors will collect data on temperature, relative humidity (RH), CO, NO<sub>2</sub>, NO, O<sub>3</sub>, and PM<sub>2.5</sub>. The PEMs also have a GPS and a microphone to provide information on the location of the wearer; inside the dwelling, inside another building, outside-walking, or outside-using transport. Data at each location will be collected for one week in the non-heating season, and one week during the heating season in London. Meteorological data will be obtained from weather stations near the building.

Analysis and improvement of the EWS will be based on data collected from each site and household. The EWS is to be a sign (e.g. web/phone application) that indicates to users that the air quality (indoors or outdoors) has, or is predicted to, become better or worse. The algorithm that generates the EWS uses indoor/outdoor air quality ratios (I/O), and information about the building, which can be customized to the user's house and habits.

## E. PRIVACY IMPACT SCREENING QUESTIONS

If the answer to any of these questions is 'yes', then a [PIA](#) is required

Will the project require individuals to provide information about themselves?

Will information about individuals be shared with organisations or people who have not previously had routine access to the information?

Will the project use information about individuals for a purpose it is not currently used for, or in a way it is not currently used?

Does the project involve you using new technology that might be perceived as being privacy intrusive? For example, the use of biometrics or facial recognition.

Will the project result in you making decisions or treating individuals in ways which can have a significant impact on them?

Is the information about individuals likely to raise privacy concerns or expectations, eg health records or information that people would consider to be particularly private?

Will the project require contact with individuals in ways they may find intrusive, eg unexpected telephone calls?

Will the project use personal data, including personal data obtained from live or operational systems for access or transfer outside the UK (e.g. use of Cloud, Hybrid or of purposes)?

Will the project involve processing sensitive personal data\*?

## F. DETAILS OF PARTICIPANTS

Please provide details of the potential participants for this project, including how they will be selected and recruited.

Participants will be adult volunteers living in one of three cities (London, Helsinki or Eindhoven). Any member of a household may participate in the collection of air quality data. The research team at UCL will work with housing authorities in London to identify potential buildings that can be monitored. Residents of the buildings will be sent emails and/or flyers with information about the project and asking for volunteers. Participating households will receive a home air purifier for use during data collection, and to keep after the study is complete. Research partners in Helsinki and Eindhoven are assisting in the solicitation of volunteers through similar relationships with housing authorities in those cities.

## G. DETAILS OF THE DATA BEING PROCESSED

Please describe the details of the personal data that is being collected, including the methods of data collection and analysis. Please specify if your research is being undertaken in with other organisations, e.g. other universities, or if you are using processors, such as transcription services.

For the interview component, interviewees will be contacted and given the opportunity to provide informed consent to participate. If consent is provided an approximately hour long semi-structured interview will be performed, and audio-recorded, by the interviewer at the time of HAP installation, and again at the end of the personal exposure monitoring session. Consenting household occupants will be asked about their perceptions of the indoor environmental quality, the daily households activities (e.g. cooking, bathing, time spent outdoors, etc.). Personal information recorded in the survey will include age range, gender, general health status, and opinions about air quality. Recordings of the semi-structured interviews will be transcribed by a third party service.

For the monitoring component, data will be collected on the location of the participants (at home, away from home inside, and away from home outdoors), and air quality including temperature, and relative humidity. Pollutants will be monitored at the participants' homes and, for one to two weeks, around a member of the participating household. These data will be collected by personal wearable sensors, and air quality sensors inside the dwelling and outside near the buildings.

The research will be done in collaboration with the following partners; Philips (NL), Achmea Insurance (NL), IMEC (NL), and Forum Virium (FI). Personal data will be anonymised by the UCL researchers before dissemination to the research group, and shared data will be stored on a secure server in the EU.

## H. DISCLOSURE

Please describe how the outcomes of the research will be disseminated (for example provide an explanation as to where, and how, will the results be published, or other mechanisms you will be using to share the potential participants personal data).

Dissemination activities will include: (a) One workshop: meeting with representatives from key stakeholders will be undertaken to inform them of the most important research findings and influence the direction of the programme of work, (b) Academic

Dissemination: Traditional routes for the dissemination of information resulting from the project will be through publication in refereed scientific and professional journals, in a range of academic disciplines (c) wider dissemination through the UCL media relations team, and (d) ensuring the wide availability of the collected, aggregated, and anonymised data. Building managers will be provided access to the results, and provided with project outcomes that may enable them to address any performance gaps.

In all cases, during dissemination results will be aggregated at site-level, and the name or location of the building will not be publicly disclosed. Any disseminated quotes obtained during the interviews will have the interviewee anonymised.

## I. CONSENT

Please include the information sheets and consent forms you will be using for this project, and or protocol. If you are not including an information sheet and consent form, please explain how the consent will be recorded.  
(See attached)

## J. DATA STORAGE

Please describe the arrangements you will make for the security of the data, including how

and where it will be stored. i.e. UCL network, \*encrypted USB stick, \*encrypted laptop etc.

Data will be stored on secure servers in the UK and EU. Personal data will be controlled by the UCL research team and stored at UCL. Data not associated with individuals (e.g. outdoor air quality), will be stored on a secure server and will be shared with one of the European partners (IMEC).

\*Advanced Encryption Standard 256-bit encryption which has been made a security standard within the NHS)

### **Data Safe Haven – Identifiable Data Handling Solution**

Will the personally identifiable data be collected and processed as part of this research be stored in the UCL Data Safe Haven? **YES**

**Please note that the Data Safe Haven should only be used when:**

- The research project requires use of special category data or information that is otherwise highly confidential according to the UCL Information Management Policy; and
- The research project has been registered by the Data Protection Office

\*\*If no please ensure that you have explained how you will ensure that the data is held securely?

## **K. INTERNATIONAL TRANSFER**

Will identifiable data be transferred outside the EU as part of this study? **NO**

Data protection legislation prohibits the transfer of personal data to countries or territories outside the European Economic Area (which consists of the 27 EU member states, Iceland, Liechtenstein and Norway).

The Data Protection Officer has produced guidance on the transfer of data overseas: [https://www.ucl.ac.uk/legal-services/sites/legal-services/files/ucl\\_guidance\\_note\\_-\\_transfers\\_outside\\_the\\_eea.pdf](https://www.ucl.ac.uk/legal-services/sites/legal-services/files/ucl_guidance_note_-_transfers_outside_the_eea.pdf)

If you intend to transfer data to a country not mentioned above, please supply details of adequate safeguards below:

Use of cloud computing, or the transfer of personal data to other organisations providing a specific service e.g. transcriptions services.

If you are intending to use, or are considering using a cloud service (defined as access to computing resources, on demand, via network), or plan on using a third party organisation to deliver a service that will involve the transfer of personal data, you should ensure that there is an agreement in place which provides adequate levels of protection so that UCL can meet its obligations and protect the rights of the participants involved.

Please supply further details below, or seek advice by contacting the UCL Data Protection team [data-protection@ucl.ac.uk](mailto:data-protection@ucl.ac.uk).

Interviews will be transcribed by a third party in the UK and will abide by the rules of

will be stored in a cloud served and located within the EU and will abide by the rules of data protection.

## L. NOTIFICATION

*(Please note that notification is a prerequisite for registration)*

Have you informed your department's Data Protection Coordinator about your project? **YES**

## M. ETHICS

If you are seeking ethics approval for your research, please provide the relevant project ID Number below.

Any questions regarding ethical approval should be directed to the relevant Ethics Committee or Governance Administrator.

|                                  |     |
|----------------------------------|-----|
| ics Project ID Number:           | TBD |
| search Office Project ID Number: | TBD |
| object ID Number:                | TBD |

If you are not seeking ethical approval for your project, please explain why below:  
(In process)

## N. SPONSOR

Please provide details of the sponsor for this research below (if applicable). This can be an individual, company, institution, funding council, or another organisation which takes responsibility for the initiation, management and/or financing of the research.

|     |   |  |
|-----|---|--|
| M1. | EIT Digital                                   |  |
| a.  | EIT Digital is an EU associated funding body. |  |

## O. CHECKLIST

Please submit your application form together with the appropriate supporting documentation that may be applicable from the list below.

|     |
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| N1. |
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**Approval** We may have some questions about the information you provide, but you will normally be provided with a registration number within 10 working days of submitting the form. However, the period leading up to meetings of the Ethics Committee is always very



busy, and you should allow more time for your application to be processed. It is therefore very important to check in good time whether you need to register your project.

Please note that Data Protection Registration numbers will NOT be issued when you submit an application form in person to the Data Protection Team.

Submit this form electronically and send to [research.data-protection@ucl.ac.uk](mailto:research.data-protection@ucl.ac.uk) together with supporting documentation that you are intending to use. Please include 'Data Protection Registration' in the subject field.

**This form will be returned to you with the appropriate registration number, which you may quote on your Ethics Application Form, or any other related forms.**