

Table S2. specimens used for morphological examination and morphometric analyses

Museumcode	Catelog No.	Proposed taxnomy	Sex	Country
AMNH	M-83413	<i>H. hoolock</i>	male	India
AMNH	M-83414	<i>H. hoolock</i>	Male	India
AMNH	M-83415	<i>H. hoolock</i>	male	India
AMNH	M-83416	<i>H. hoolock</i>	female	India
AMNH	M-83417	<i>H. hoolock</i>	male	India
AMNH	M-83418	<i>H. hoolock</i>	Female	India
AMNH	M-83419	<i>H. hoolock</i>	female	India
AMNH	M-83420	<i>H. hoolock</i>	male	India
AMNH	M-83422	<i>H. hoolock</i>	Male	India
AMNH	M-83423	<i>H. hoolock</i>	Female	India
AMNH	M-83424	<i>H. hoolock</i>	Male	India
AMNH	M-83425	<i>H. hoolock</i>	female	India
AMNH	M-83426	<i>H. hoolock</i>	male	India
AMNH	M-83427	<i>H. hoolock</i>	Male	India
AMNH	M-112688	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112689	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112690	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112691	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112692	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112693	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112694	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112695	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112696	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112697	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112698	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112699	<i>H. hoolock</i>	Female	Myanmar
AMNH	M-112700	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112701	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112702	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112703	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112704	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112705	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112706	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112707	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112709	<i>H. hoolock</i>	male	Myanmar
AMNH	M-112710	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-112954	<i>H. hoolock</i>	female	Myanmar
AMNH	M-112955	<i>H. hoolock</i>	female	Myanmar
AMNH	M-163630	<i>H. hoolock</i>	male	Myanmar
AMNH	M-163631	<i>H. hoolock</i>	Male	Myanmar
AMNH	M-163632	<i>H. hoolock</i>	male	Myanmar
AMNH	M-163634	<i>H. hoolock</i>	female	Myanmar
NHM	ZD.1855.12.24.3	<i>H. hoolock</i>	Female	No information

NHM	ZD.1855.12.24.4	<i>H. hoolock</i>	Female	Himalayas
NHM	ZD.1891.10.7.2	<i>H. hoolock</i>	female	India
NHM	ZD.1915.5.5.1	<i>H. hoolock</i>	male	Myanmar
NHM	ZD.1921.7.9.1	<i>H. hoolock</i>	male	India
NHM	ZD.1921.8.2.1	<i>H. hoolock</i>	male	India
NHM	ZD.1937.3.24.1	<i>H. hoolock</i>	male	Myanmar
NHM	ZD.1937.3.24.3	<i>H. hoolock</i>	Female	Myanmar
NHM	ZD.1937.3.24.33?	<i>H. hoolock</i>	female	India
NHM	ZD.1937.3.24.4	<i>H. hoolock</i>	male	India
NHM	ZD.1937.3.24.5	<i>H. hoolock</i>	male	Myanmar
NHM	ZD.1937.3.24.6	<i>H. hoolock</i>	female	India
USNM	257987	<i>H. hoolock</i>	male	India
AMNH	M-112667	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112668	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112669	<i>H. leuconedys</i>	Female	Myanmar
AMNH	M-112670	<i>H. leuconedys</i>	Female	Myanmar
AMNH	M-112671	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112672	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112674	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112676	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112677	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112679	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112680	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112681	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112682	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112683	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112684	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112685	<i>H. leuconedys</i>	Male	Myanmar
AMNH	M-112686	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112687	<i>H. leuconedys</i>	Female	Myanmar
AMNH	M-112708	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112711	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112712	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112713	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112715	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112716	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112717	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112718	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112953	<i>H. leuconedys</i>	female	Myanmar
AMNH	M-112960	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112961	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112962	<i>H. leuconedys</i>	Female	Myanmar
AMNH	M-112963	<i>H. leuconedys</i>	male	Myanmar
AMNH	M-112965	<i>H. leuconedys</i>	Female	Myanmar
NHM	ZD.1915.5.5.2	<i>H. leuconedys</i>	Male	Myanmar
NHM	ZD.1937.3.24.2	<i>H. leuconedys</i>	male	Myanmar

NHM	ZD.1950.366?	<i>H. leuconedys</i>	female	Myanmar
NHM	ZD.1950.388	<i>H. leuconedys</i>	Male	Myanmar
NHM	ZD.1950.389	<i>H. leuconedys</i>	male	Myanmar
NHM	ZD.1950.390	<i>H. leuconedys</i>	female	Myanmar
NHM	ZD.1950.391	<i>H. leuconedys</i>	Male	Myanmar
NHM	ZD.1950.392	<i>H. leuconedys</i>	Female	Myanmar
USNM	279146	<i>H. leuconedys</i>	Female	Myanmar
AMNH	M-43065	<i>H. tianxing</i>	female	China
AMNH	M-43066	<i>H. tianxing</i>	Female	China
AMNH	M-43068	<i>H. tianxing</i>	male	China
MCZ	Mammalogy 26474	<i>H. tianxing</i>	Male	China
IOZ	25965	<i>H. tianxing</i>	Male	China
MCZ	Mammalogy 30383	<i>H. tianxing</i>	Male	Myanmar
ANSP	15128	<i>H. tianxing</i>	male	Myanmar
AMNH	M-112719	<i>H. tianxing (need to be confi</i>	female	Myanmar
AMNH	M-112720	<i>H. tianxing (need to be confi</i>	Male	Myanmar
AMNH	M-112721	<i>H. tianxing (need to be confi</i>	Female	Myanmar
AMNH	M-114546	<i>H. tianxing (need to be confi</i>	female	Myanmar
NHM	ZD.1933.7.29.15	<i>H. tianxing</i>	male	Myanmar
USNM	257988	<i>H. tianxing</i>	female	Myanmar
AMNH	M-179	<i>H. hoolock?</i>	Unknow	No record
AMNH	M-80068	<i>H. hoolock?</i>	Female	No information
AMNH	M-99340	<i>H. hoolock?</i>	Female	No information
AMNH	M-119624	<i>H. hoolock?</i>	Unknow	Myanmar
AMNH	M-19400	<i>H. hoolock?</i>	Unknow	India
IOZ	26671	<i>H. leuconedys or H. tianxing</i>	Male	China
KIZ	2007090801	<i>hybrid (H. leuconedys x H. t</i>	?	No information
KIZ	2007082101	<i>hybrid (H. leuconedys x H. t</i>	?	No information
KIZ	LS970114	<i>H. leuconedys</i>	?	China
KIZ	35	<i>H. tianxing</i>	?	China
KIZ	220027	<i>H. tianxing</i>	?	China
KIZ	2004127	<i>H. tianxing?</i>	?	China





State	County	Precise Locality
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Assam	Changchang Pani	No information
Sagaing region	Hkamti district, Hkamti township	Way from Jangtang to Dagung Hka
Sagaing region	Hkamti district, Hkamti township	Dagung Hka
Sagaing region	Hkamti district, Hkamti township	Changa Hka = Chenga Hka
Sagaing region	Hkamti district, Hkamti township	Changa Hka = Chenga Hka
Sagaing region	Hkamti district, Hkamti township	Changa Hka = Chenga Hka
Sagaing region	Hkamti district, Hkamti township	Changa Hka to Hai Bum
Sagaing region	Hkamti district, Hkamti township	Changa Hka to Hai Bum
Sagaing region	Hkamti district, Hkamti township	Changa Hka to Hai Bum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hai Bum = Haibum
Sagaing region	Hkamti district, Hkamti township	Hkamti = H'kamti = Singkaling Hkamti
Sagaing region	Hkamti district, Hkamti township	Hkamti = H'kamti = Singkaling Hkamti
Sagaing region	Hkamti district, Hkamti township	Way from Hahti to Singkaling Hkamti
Sagaing region	Hkamti district, Hkamti township	Way from Hahti to Singkaling Hkamti
Sagaing region	Hkamti district, Hkamti township	Kawai, west bank
Sagaing region	Hkamti district, Hkamti township	Linhpar = Limpa = Linhpa, West Bank
Sagaing region	Hkamti district, Hkamti township	Linhpar = Limpa = Linhpa, West Bank
Sagaing region	Hkamti district, Hkamti township	Tagum Hka
Sagaing region	Hkamti district, Hkamti township	Way from Changa Hka to Hai Bum
Chin	Mindat district, Kanpatlet township	Mt. Victoria = Natmataung = Natma Tau
Chin	Mindat district, Kanpatlet township	Mt. Victoria = Natmataung = Natma Tau
Chin	Mindat district, Kanpatlet township	Mt. Victoria = Natmataung = Natma Tau
Chin	Mindat district, Kanpatlet township	Mt. Victoria = Natmataung = Natma Tau
No information	No information	No information

No information	No information	No information
Assam	Sadya	
Sagaing region	Hkamti district, Hkamti township	Hkamti, west bank
Assam		Hatikhali, Cadas Hills
Assam		Mokokchung, Naga Hills
Sagaing region	Hkamti district, Hkamti township	Hkamti, west bank
Sagaing region	Hkamti district, Hkamti township	Hkamti, west bank
Assam		Bara Hapjan, Assam
Assam		Mokokchung, Naga hills
Sagaing region	Tamu district, Tamu township	Kabaw Valley (west of Chindwin)
Assam		Margherita, Naga Hills
Assam	Bara Hapjan	Bara Hapjan, Assam
Kachin	Mohnyin district, Hpakan township	Nanyaseik
Kachin	Mohnyin district, Hpakan township	Nanyaseik
Kachin	Mohnyin district, Hpakan township	Lonkin
Kachin	Mohnyin district, Hpakan township	Lonkin
Kachin	Mohnyin district, Hpakan township	Lonkin
Kachin	Mohnyin district, Hpakan township	Tawmaw
Kachin	Mohnyin district, Hpakan township	Mansun
Kachin	Mohnyin district, Hpakan township	Mansun
Kachin	Mohnyin district, Hpakan township	Mansun
Kachin	Mohnyin district, Hpakan township	Lonkin
Kachin	Mohnyin district, Hpakan township	N'bungghku = N'bungghka
Kachin	Mohnyin district, Hpakan township	N'bungghku = N'bungghka
Kachin	Mohnyin district, Mokaung township	Tasu Bum = Tasubum
Kachin	Mohnyin district, Hpakan township	Tapa Hka = Tampa Hka = Daba Hka
Kachin	Myitkyina district, Tanai township	Dalu
Kachin	Myitkyina district, Tanai township	Dalu
Kachin	Myitkyina district, Tanai township	Dalu
Kachin	Myitkyina district, Tanai township	Dalu
Sagaing region	Hkamti district, Hkamti township	Linhpar, E bank
Sagaing region	Hkamti district, Hkamti township	Kaunghein, E bank
Sagaing region	Hkamti district, Hkamti township	Kaunghein, E bank
Sagaing region	Hkamti district, Hkamti township	Phawzaw, E bank
Sagaing region	Hkamti district, Homalin township	Maungkan, E bank
Sagaing region	Hkamti district, Homalin township	Maungkan, E bank
Sagaing region	Hkamti district, Homalin township	Maungkan, E bank
Sagaing region	Hkamti district, Homalin township	Homalin, E bank
Kachin	Mohnyin district, Hpakan township	Pumsin = Pumsim = Pumsem = Pumsin
Kachin	Mohnyin district, Hpakan township	Zaulep Ga = Taulep Ga
Kachin	Mohnyin district, Hpakan township	Tapa Hka = Tampa Hka = Daba Hka
Kachin	Myitkyina district, Tanai township	Dalu
Kachin	Myitkyina district, Tanai township	Dalu
Kachin	Mohnyin district, Hpakan township	Lonkin
Sagaing region	Hkamti district, Homalin township	Homalin, E bank
Sagaing region	Hkamti district, Hkamti township	Hkamti, east bank

Kachin	Putao district, Sumprabum township	Htingnan
Kachin	Putao district, Sumprabum township	Htingnan
Kachin	Putao district, Sumprabum township	Htingnan
Kachin	Putao district, Sumprabum township	Sumprabum
Kachin	Putao district, Naungmon township	Gawlei village and Nam Tamai river, Pu
Kachin	Mohnyin district, Mogaung township	25 miles west of Myitkyina
Yunnan	Baoshan	Ho-mu-shu pass
Yunnan	Baoshan	Ho-mu-shu pass
Yunnan	Baoshan	Ho-mu-shu pass
Yunnan	Baoshan	Ho-mu-shu pass
Yunnan	Baoshan	unknown
Kachin	Bhamo district, Mansi township	40 miles east of Bhamo
Kachin	Bhamo district, Mansi township	40 miles east of Bhamo
Kachin	Myitkyina district, Chibwe township	Pyepat (Geissmann2013)
Kachin	Myitkyina district, Chibwe township	Pyepat (Geissmann2013)
Kachin	Myitkyina district, Chibwe township	Pyepat (Geissmann2013)
Kachin	Myitkyina district, Chibwe township	Pyepat (Geissmann2013)
Shan	Kyaukme district, Kyaukme township	Gokteik
Shan	Kyaukme district, Kyaukme township	Gokteik
No record	No record	No record
No information	No information	No information
No information	No information	No information
No information	No information	Central park zoo
Calcutta	Calcutta	Calcutta
Yunnan?	Tengchong?	No information
No information	No information	Zoo
No information	No information	Zoo
Yunnan?	Tengchong?	No information
Yunnan?	Tengchong?	No information
Yunnan?	Ruili?	No information
Yunnan?	No information	No information









27.850	95.683							85.0	86.0	93.0
26.039	95.713							86.0	86.0	95.0
25.670	93.100							87.0	87.0	96.0
26.317	94.517							86.0	86.0	94.0
26.039	95.713							84.0	86.0	94.0
26.039	95.713									
27.530	95.498							84.0	84.0	93.0
26.317	94.517							84.0	85.0	90.0
23.922	94.315							87.0	89.0	96.5
27.283	95.667							85.0	85.0	96.0
27.530	95.498	0	1	0	0	0	0	85.0	85.0	93.0
25.667	96.733	1	1	1	1	1	1	85.0	85.0	95.0
25.667	96.733	1	1	0	0	1	0	85.0	85.0	95.0
25.667	96.733	1	0	0	1	0	0			
25.700	96.367	0	1	0	1	1	1			
25.700	96.367	0	1	0	1	1	1	83.0	83.0	92.0
25.733	96.317							84.0	84.0	94.5
25.800	96.250	0	0	1	0	1	1	84.0	84.0	93.0
25.800	96.250							83.0	83.0	90.0
25.800	96.250	0	1	0	1	1	0	82.0	82.0	95.0
25.700	96.367	1	1	1	1	1	0	79.5	79.5	88.5
25.950	96.150	0	1	0	0	0	1	84.0	84.0	92.0
25.950	96.150	0	1	1	0	0	0	84.0	84.0	94.0
26.000	96.150							89.0	89.0	99.5
26.117	96.200	0	1	0	1	1	1	82.0	82.0	90.0
26.184	96.147							87.0	87.0	96.0
26.184	96.147	1	1	0	1	1	0			
26.184	96.147	0	0	1	0	0	0	80.0	80.0	89.0
26.184	96.147	0	1	0	0	1	0			
25.683	95.433							88.0	88.0	97.0
25.683	95.433	1	0	1	0	1	0	83.0	83.0	94.0
25.683	95.433							86.0	86.0	94.0
25.526	95.493	1	1	0	0	1	1	85.0	85.0	93.0
25.118	95.058							83.0	83.0	92.0
25.118	95.058	0	1	1	0	1	1	86.0	86.0	98.0
25.118	95.058	0	1	0	0	1	0	84.0	84.0	93.0
24.917	95.017							84.0	84.0	94.0
25.983	96.150							83.0	83.0	90.0
25.992	96.139	1	0	0	0	1	1	90.0	90.0	99.0
26.117	96.200							85.0	85.0	92.0
26.184	96.147	1	1	0	1	1	0			
26.184	96.147							81.0	88.0	88.0
25.700	96.367	1	0	0	1	1	0			
24.917	95.017							85.0	86.0	94.0
25.986	95.732							89.0	89.0	97.0











111.0	61.0	70.0	52.0	78.0	67.0	49.0	41.0	32.0	7.9	8.1	84.5
112.0	64.0	71.0	56.0	81.0	68.0	46.0	37.0	32.0	6.7	7.2	84.5
113.0	67.0	74.0	51.0	82.5	69.0	47.0	40.0	34.5	8.0	8.0	84.0
112.0	64.5	70.5	52.5	81.0	69.0	46.0	38.5	32.0			85.0
112.0	63.5	72.0	51.0	80.0	66.0	47.0	40.0	34.0	7.2	7.6	84.0
110.0	62.0	69.0	54.5	78.0	67.0	45.0	37.0	32.0	7.0	7.0	84.0
109.0	63.0	69.5	54.0	80.0	68.5	47.0	38.0	32.0	6.8	7.2	84.0
110.5	64.0	71.0	50.0	79.0	66.0	44.0	38.0	31.5	6.2	6.4	80.0
108.0	62.0		53.0	79.0	66.0	45.0	38.0	32.0	6.4	7.1	79.5
107.0	61.0	65.0	52.0	80.0	65.0	41.0	36.0	29.0	7.4	8.6	76.0
110.0	65.0	70.0	56.0	79.0	68.0	43.0	39.0	31.0	6.9	7.0	82.0
112.0	67.0	69.0	57.0	81.0	68.0	45.0	39.0	33.0	7.9	8.3	83.0
113.0	61.0	68.0	55.0	78.0	65.0	44.0	39.0	33.0	7.3	7.9	84.5
108.0	61.0	66.0	56.0	82.0	70.0	44.0	39.0	30.5	7.3	7.3	82.0
110.0	60.0	67.0	55.0	80.0	67.0	46.0	38.0	31.0	7.0	7.3	82.0
108.0	60.0	67.0	51.0	78.0	67.0	43.0	38.0	31.0	7.1	7.7	83.0
109.5	61.0	66.0	56.0	79.0	65.0	43.0	39.0	31.5	7.4	7.4	81.0
102.0	59.5	62.0	53.5	75.0	62.0	38.5	35.0	28.0	7.0	7.2	74.0
111.0	63.0	66.0	54.0	79.0	66.0	43.5	39.0	29.0	7.4	7.2	82.0
109.0	63.0	70.0	59.0	80.0	67.0	45.0	40.0	32.0	6.8	7.7	82.0
120.0	64.0	75.0	54.0	83.0	69.0	47.0	42.0	34.0	7.6	7.3	89.0
109.0	65.0	70.0	52.5	79.0	67.0	45.0	40.0	32.0	7.6	8.8	84.0
114.0	65.5	70.0	54.0	80.0	67.0	45.0	38.0	32.0	7.6	7.9	85.0
105.0	59.5	66.5	48.0	75.0	63.0	43.0	36.0	29.0	7.5	7.5	78.0
113.5	63.0	73.0	55.0	84.0	72.0	43.0	40.0	33.0	7.1	7.3	86.0
111.0	61.0	66.0	52.0	78.0	66.0	45.0	40.0	32.0	7.8	8.1	82.0
114.0	62.0	67.0	53.0	80.0	66.0	43.0	38.0	33.0	6.9	7.8	83.0
111.0	60.0	68.0	54.0	79.0	66.0	44.0	40.0	31.0	7.6	7.9	81.0
111.0	61.0	67.0	51.0	84.0	69.0	48.0	41.0	32.0	8.0	8.0	85.0
111.0	61.0	68.0	50.0	84.0	70.0	46.0	39.0	32.0	7.8	7.9	86.0
109.0	58.0	54.0	52.0	82.0	70.0	44.0	39.0	31.0	7.3	7.9	84.0
109.0	63.0	68.0	55.0	81.0	69.0	42.0	38.0	30.0	7.0	7.2	82.0
109.0	62.0	70.0	55.0	79.0	65.0	42.0	39.0	30.0	7.0	7.7	80.0
118.0	63.0	73.0	54.0	86.0	73.0	48.0	40.0	33.0	7.9	8.3	90.0
111.0	63.0	68.0	57.0	82.0	71.0	42.0	41.0	32.5	7.3	8.1	86.0
105.0	61.0	69.0	54.0	77.0	61.0	42.0	39.0	31.0	7.0	8.3	80.0
109.5	63.0	68.0	51.0	81.0	67.0	44.5	39.0	32.0	7.0	7.4	81.0
114.0	65.0	71.0	57.0	85.0	73.0	46.0	39.0	31.0	7.8	7.3	88.0







Orbit		Face height	Biorbit	Jaw length		Jaw Breadth	Jaw height
Breadth	Height			Gonion	Condyl		
26.0	24.0	35.0	62.0	72.0	77.0	58.0	26.0
24.0	23.0	34.5	61.0	69.5	73.0	60.0	27.0
23.0	23.0	34.0	63.0	72.0	77.0	62.0	27.0
24.0	24.0	35.0	65.0	72.0	77.0	58.0	27.5
24.0	24.0	37.0	63.0	73.0	76.0	59.0	28.0
24.0	24.0	35.0	63.0	76.0	79.0	58.0	27.5
24.0	24.0	31.0	61.0	75.0	78.0	60.0	27.5
24.0	23.0	33.0	63.0	74.0	80.0	62.0	28.0
25.0	26.0	34.0	62.0	75.0	77.0	60.0	28.0
24.0	24.0	34.0	62.0	75.0	78.5	58.0	27.0
25.0	22.0	36.0	65.0	76.0	80.0	61.0	29.5
25.0	23.0	32.0	66.0	73.0	77.5	61.0	27.0
26.0	24.0	35.0	67.0	79.0	83.0	63.0	27.5
24.0	24.0	37.0	64.0	71.5	76.0	58.0	26.0
22.0	25.0	35.0	61.0	78.0	82.0	60.0	31.0
23.0	24.0	33.0	61.0	72.0	78.0	63.0	26.0
25.0	25.0	38.0	66.0	78.0	84.0	64.0	30.5
24.0	26.0	40.0	63.0	77.0	83.0	62.5	28.0
24.0	23.0	34.0	64.0	76.0	80.0	57.0	28.0
25.0	26.0	31.0	64.0	74.5	79.0	62.0	31.0
25.0	24.0	36.0	65.0	78.0	82.0	63.0	29.0
25.0	23.0	36.0	63.0	75.0	81.0	60.0	26.0
26.0	27.0	34.0	64.0	74.0	79.0	62.0	24.0
23.5	24.0	32.0	63.0	74.0	78.0	59.0	26.0
24.0	24.0	36.0	63.0	73.0	78.0	61.0	27.0
25.0	23.0	36.0	64.0	73.0	76.5	59.5	29.0
22.5	22.0	36.0	61.0	72.0	77.5	57.0	30.0
24.5	24.0	37.0	62.0	73.0	77.0	60.0	29.0

23.0	25.0	33.0	65.0	76.0	78.5	59.5	32.0
24.0	24.5	38.0	64.5	72.0	76.0	56.0	29.5
23.0	25.0	39.5	68.0	74.0	79.0	64.0	28.5
23.5	23.0	36.0	63.0	73.0	78.0	61.0	31.0
23.5	25.0	34.0	66.0	75.0	78.0	62.0	28.0
23.0	23.0	34.5	62.0	70.0	74.5	58.5	29.5
23.0	22.0	32.0	63.0				
24.0	21.0	32.0	63.5	73.0	76.0	60.0	27.0
23.0	22.0	33.0	61.0	70.5	75.0	61.0	26.0
23.0	24.0	33.0	62	68.0	73.0	57.0	25.0
26.0	22.0	36.0	65.0	73.0	75.0	56.0	29.0
21.0	22.0	39.0	64.0	71.0	75.0	58.0	25.5
23.0	22.0	40.0	65.0	73.5	78.0	64.0	28.5
24.0	23.0	32.0	62.0	75.0	76.0	57.5	31.0
22.5	23.5	35.0	59.0	75.0	79.0	58.0	29.0
22.0	23.0	35.0	61.0	71.0	76.0	58.0	27.0
24.0	23.0	34.0	64.0	72.0	75.0	60.0	28.0
22.5	22.0	35.0	58.0	65.0	69.0	54.0	24.5
23.0	23.0	37.0	60.0	73.0	75.0	59.0	28.0
24.0	23.0	35.0	65.0	72.0	76.0	62.0	26.5
23.0	23.0	42.0	67.0	75.0	79.0	63.0	26.0
23.0	22.0	39.0	63.0	73.0	75.0	56.0	26.0
22.0	22.0	38.0	62.0	70.5	75.0		23.0
22.0	22.0	34.0	60.0	69.0	72.0	54.0	25.0
24.0	23.0	37.0	67.0	75.0	78.0	61.0	28.0
23.0	23.5	36.0	63.0	72.0	75.0	57.0	27.0
22.0	23.0	27.0	63.0	73.0	77.0	61.0	24.0
23.0	22.0	36.0	64.0	74.0	76.0	61.0	28.0
25.0	21.0	36.0	66.0	75.0	81.0	59.0	28.0
23.0	24.0	39.0	65.0	76.0	82.0	60.0	28.0
24.0	22.0	35.0	63.0	71.0	78.0	61.0	26.0
23.0	23.0	32.0	62.0	73.5	77.0	59.0	27.0
21.5	23.0	35.0	61.0	70.0	74.0	60.0	28.0
23.0	25.0	39.0	66.0	76.0	82.0	61.0	29.0
24.0	23.0	34.0	67.0	72.0	77.0	61.0	26.0
22.5	21.0	35.0	63.0	69.0	72.0	56.0	25.0
25.0	24.0	38.0	67.5	71.0	77.0	58.0	26.0
25.0	26.0	36.0	65.0	76.5	79.0		27.0

