**Table 2: Odds ratios of drug treatment for recorded new episodes of depression diagnoses in men and women by age, deprivation and neighbourhood**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Anti-depressant prescription** | | | | **Anxiolytic or hypnotic prescription** | | | |
| **Men** | | **Women** | | **Men** | | **Women** | |
| **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** |
| **Age group**  55-59 years  60-64 years  65-69 years  70-74 years  75-79 years  80-84 years  85-89 years  90+ years | 1  0.88 (0.74, 1.05)  0.93 (0.74, 1.18)  0.86 (0.69, 1.07)  1.02 (0.79, 1.33)  0.89 (0.66, 1.22)  0.90 (0.61, 1.31)  1.64 (0.78, 3.44) | 0.53 | 1  1.12 (0.95, 1.32)  1.20 (1.00, 1.43)  0.99 (0.81, 1.21)  0.97 (0.79, 1.18)  1.01 (0.80, 1.27)  1.08 (0.79, 1.47)  0.89 (0.60, 1.31) | 0.41 | 1  1.00 (0.87, 1.16)  1.05 (0.88, 1.26)  1.28 (1.05, 1.55)  1.13 (0.91, 1.41)  1.14 (0.91, 1.43)  1.02 (0.74, 1.39)  1.16 (0.70, 1.91) | 0.29 | 1  1.22 (1.07, 1.39)  1.30 (1.12, 1.5)  1.40 (1.22, 1.62)  1.26 (1.08, 1.47)  1.38 (1.14, 1.68)  1.61 (1.29, 2.02)  1.49 (1.09, 2.05) | <0.001 |
| **Deprivation**  1 (lowest)  2  3  4  5 (highest) | 1  0.89 (0.70, 1.13)  0.91 (0.71, 1.17)  0.93 (0.72, 1.19)  0.93 (0.68, 1.25) | 0.91 | 1  0.85 (0.69, 1.04)  0.84 (0.67, 1.05)  0.89 (0.72, 1.12)  0.86 (0.63, 1.18) | 0.56 | 1  1.02 (0.86, 1.21)  1.04 (0.88, 1.24)  0.9 (0.73, 1.09)  0.82 (0.66, 1.02) | 0.14 | 1  0.93 (0.81, 1.08)  0.91 (0.78, 1.07)  0.86 (0.72, 1.02)  0.79 (0.66, 0.96) | 0.18 |
| **Neighbourhood**  Urban  Town and fringe  Village, hamlet, isolated dwelling | 1  1.01 (0.74, 1.37)  0.95 (0.72, 1.27) | 0.92 | 1  1.32 (1.01, 1.74)  0.98 (0.72, 1.33) | 0.02 | 1  1.23 (1.01, 1.49)  1.10 (0.85, 1.41) | 0.13 | 1  1.19 (1, 1.43)  1.10 (0.92, 1.31) | 0.15 |

\* From Wald test for heterogeneity

**Table 3: Odds ratios of drug treatment and referrals for recorded new episodes of depression diagnoses in men and women by age, deprivation and neighbourhood**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Antipsychotic prescription** | | | | **Referral for psychological therapies** | | | |
| **Men** | | **Women** | | **Men** | | **Women** | |
| **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** |
| **Age group**  55-59 years  60-64 years  65-69 years  70-74 years  75-79 years  80-84 years  85-89 years  90+ years | 1  0.94 (0.61, 1.45)  1.97 (1.29, 3.00)  1.42 (0.83, 2.44)  1.95 (1.25, 3.03)  2.08 (1.19, 3.63)  1.31 (0.61, 2.82)  4.09 (1.85, 9.05) | <0.001 | 1  1.43 (0.90, 2.27)  1.68 (1.00, 2.85)  2.12 (1.35, 3.34)  2.43 (1.56, 3.78)  2.33 (1.40, 3.88)  4.65 (2.98, 7.26)  7.14 (3.83, 13.3) | <0.001 | 1  0.69 (0.52, 0.91)  0.53 (0.36, 0.79)  0.41 (0.27, 0.63)  0.43 (0.26, 0.72)  0.14 (0.05, 0.36)  0.24 (0.09, 0.65)  −a | <0.001 | 1  0.71 (0.55, 0.92)  0.58 (0.43, 0.78)  0.45 (0.3, 0.67)  0.17 (0.1, 0.29)  0.19 (0.1, 0.36)  0.34 (0.19, 0.62)  0.16 (0.04, 0.63) | <0.001 |
| **Deprivation**  1 (lowest)  2  3  4  5 (highest) | 1  1.04 (0.69, 1.56)  1.13 (0.74, 1.73)  1.28 (0.83, 1.96)  0.93 (0.56, 1.54) | 0.71 | 1  1.10 (0.78, 1.55)  1.24 (0.86, 1.77)  0.86 (0.58, 1.27)  1.14 (0.76, 1.70) | 0.43 | 1  1.03 (0.72, 1.47)  0.78 (0.53, 1.16)  1.03 (0.67, 1.58)  0.84 (0.53, 1.34) | 0.44 | 1  0.93 (0.64, 1.36)  0.74 (0.47, 1.15)  0.97 (0.63, 1.48)  1.01 (0.64, 1.60) | 0.46 |
| **Neighbourhood**  Urban  Town and fringe  Village, hamlet, isolated dwelling | 1  1.22 (0.77, 1.92)  1.18 (0.68, 2.07) | 0.67 | 1  1.01 (0.69, 1.47)  0.99 (0.65, 1.50) | 0.998 | 1  1.42 (0.85, 2.38)  1.22 (0.74, 2.01) | 0.39 | 1  1.39 (0.84, 2.28)  0.93 (0.56, 1.54) | 0.27 |

\* From Wald test for heterogeneity

a The regression coefficient could not be estimated.

**Table 4: Odds ratios of drug treatment for newly recorded depression symptoms in men and women by age, deprivation and type of neighbourhood**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Anti-depressant prescription** | | | | **Anxiolytic or hypnotic prescription** | | | |
| **Men** | | **Women** | | **Men** | | **Women** | |
| **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** |
| **Age group**  55-59 years  60-64 years  65-69 years  70-74 years  75-79 years  80-84 years  85-89 years  90+ years | 1  0.92 (0.82, 1.03)  0.77 (0.67, 0.89)  0.82 (0.71, 0.95)  0.97 (0.84, 1.12)  1.06 (0.9, 1.25)  1.33 (1.11, 1.6)  1.23 (0.9, 1.67) | <0.001 | 1  0.94 (0.85, 1.03)  0.86 (0.76, 0.96)  0.96 (0.85, 1.08)  0.91 (0.81, 1.01)  1.03 (0.91, 1.17)  1.12 (0.96, 1.29)  1.29 (1.08, 1.55) | <0.001 | 1  0.97 (0.83, 1.13)  1.03 (0.86, 1.22)  1.25 (1.04, 1.49)  1.17 (0.98, 1.40)  1.37 (1.14, 1.64)  1.44 (1.14, 1.82)  1.35 (0.98, 1.87) | <0.001 | 1  1.1 (0.98, 1.25)  1.29 (1.13, 1.48)  1.28 (1.11, 1.47)  1.22 (1.07, 1.4)  1.25 (1.08, 1.45)  1.28 (1.1, 1.49)  1.15 (0.95, 1.39) | 0.002 |
| **Deprivation**  1 (lowest)  2  3  4  5 (highest) | 1  1.13 (0.98, 1.3)  1.14 (0.95, 1.36)  1.12 (0.93, 1.36)  1.28 (1.03, 1.59) | 0.20 | 1  1.09 (0.96, 1.25)  1.03 (0.90, 1.18)  1.12 (0.96, 1.31)  1.18 (1, 1.39) | 0.24 | 1  1.02 (0.86, 1.20)  0.99 (0.83, 1.17)  0.91 (0.75, 1.10)  0.80 (0.64, 1.01) | 0.26 | 1  0.97 (0.85, 1.09)  0.85 (0.75, 0.98)  0.94 (0.81, 1.08)  0.80 (0.67, 0.96) | 0.04 |
| **Neighbourhood**  Urban  Town and fringe  Village, hamlet, isolated dwelling | 1  0.94 (0.77, 1.14)  0.91 (0.73, 1.13) | 0.63 | 1  1.0 (0.86, 1.17)  0.99 (0.82, 1.19) | 0.99 | 1  1.03 (0.87, 1.23)  1.02 (0.83, 1.24) | 0.93 | 1  1.1 (0.95, 1.27)  0.95 (0.82, 1.1) | 0.25 |

\* From Wald test for heterogeneity

**Table 5: Odds ratios of drug treatment and referrals for newly recorded depression symptoms in men and women by age, deprivation and type of neighbourhood**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Antipsychotic prescription** | | | | **Referral for psychological therapies** | | | |
| **Men** | | **Women** | | **Men** | | **Women** | |
| **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** | **OR (95%CI)** | **p-value\*** |
| **Age group**  55-59 years  60-64 years  65-69 years  70-74 years  75-79 years  80-84 years  85-89 years  90+ years | 1  0.94 (0.61, 1.45)  1.59 (1.04, 2.42)  1.49 (0.97, 2.3)  1.82 (1.24, 2.68)  2.27 (1.48, 3.46)  1.94 (1.2, 3.13)  3.22 (1.74, 5.95) | <0.001 | 1  1.3 (0.91, 1.86)  1.83 (1.33, 2.52)  1.42 (0.95, 2.14)  2.08 (1.41, 3.06)  1.55 (1, 2.41)  2.86 (1.92, 4.25)  3.02 (1.96, 4.65) | <0.001 | 1  0.92 (0.72, 1.18)  0.51 (0.36, 0.74)  0.24 (0.15, 0.40)  0.35 (0.23, 0.52)  0.16 (0.08, 0.33)  0.16 (0.07, 0.36)  0.21 (0.06, 0.67) | <0.001 | 1  0.84 (0.67, 1.06)  0.66 (0.52, 0.84)  0.36 (0.25, 0.53)  0.33 (0.23, 0.49)  0.25 (0.18, 0.36)  0.17 (0.1, 0.29)  0.10 (0.04, 0.27) | <0.001 |
| **Deprivation**  1 (lowest)  2  3  4  5 (highest) | 1  1.03 (0.68, 1.55)  1.48 (1.01, 2.16)  1.75 (1.21, 2.54)  1.70 (1.12, 2.59) | 0.004 | 1  1.06 (0.79, 1.41)  1.12 (0.82, 1.53)  1.21 (0.92, 1.58)  1.16 (0.83, 1.62) | 0.69 | 1  0.97 (0.66, 1.43)  1.01 (0.68, 1.50)  1.01 (0.62, 1.66)  0.87 (0.52, 1.46) | 0.94 | 1  0.79 (0.57, 1.09)  0.88 (0.62, 1.26)  0.92 (0.60, 1.42)  0.78 (0.49, 1.23) | 0.53 |
| **Neighbourhood**  Urban  Town and fringe  Village, hamlet, isolated dwelling | 1  0.99 (0.67, 1.45)  0.63 (0.35, 1.12) | 0.28 | 1  0.84 (0.63, 1.13)  1.02 (0.72, 1.45) | 0.50 | 1  1.11 (0.66, 1.86)  0.66 (0.39, 1.10) | 0.15 | 1  1.07 (0.68, 1.68)  1.03 (0.69, 1.55) | 0.96 |

\* From Wald test for heterogeneity