**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 years60-64 years65-69 years70-74 years75-79 years80-84 years85-89 years90+ years | 10.88 (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 | 11.12 (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 | 11.00 (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 | 11.22 (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)2345 (highest) | 10.89 (0.70, 1.13)0.91 (0.71, 1.17)0.93 (0.72, 1.19)0.93 (0.68, 1.25) | 0.91 | 10.85 (0.69, 1.04)0.84 (0.67, 1.05)0.89 (0.72, 1.12)0.86 (0.63, 1.18) | 0.56 | 11.02 (0.86, 1.21)1.04 (0.88, 1.24)0.9 (0.73, 1.09)0.82 (0.66, 1.02) | 0.14 | 10.93 (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**UrbanTown and fringeVillage, hamlet, isolated dwelling | 11.01 (0.74, 1.37)0.95 (0.72, 1.27) | 0.92 | 11.32 (1.01, 1.74)0.98 (0.72, 1.33) | 0.02 | 11.23 (1.01, 1.49)1.10 (0.85, 1.41) | 0.13 | 11.19 (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 years60-64 years65-69 years70-74 years75-79 years80-84 years85-89 years90+ years | 10.94 (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 | 11.43 (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 | 10.69 (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 | 10.71 (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)2345 (highest) | 11.04 (0.69, 1.56)1.13 (0.74, 1.73)1.28 (0.83, 1.96)0.93 (0.56, 1.54) | 0.71 | 11.10 (0.78, 1.55)1.24 (0.86, 1.77)0.86 (0.58, 1.27)1.14 (0.76, 1.70) | 0.43 | 11.03 (0.72, 1.47)0.78 (0.53, 1.16)1.03 (0.67, 1.58)0.84 (0.53, 1.34) | 0.44 | 10.93 (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**UrbanTown and fringeVillage, hamlet, isolated dwelling | 11.22 (0.77, 1.92)1.18 (0.68, 2.07) | 0.67 | 11.01 (0.69, 1.47)0.99 (0.65, 1.50) | 0.998 | 11.42 (0.85, 2.38)1.22 (0.74, 2.01) | 0.39 | 11.39 (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 years60-64 years65-69 years70-74 years75-79 years80-84 years85-89 years90+ years | 10.92 (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 | 10.94 (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 | 10.97 (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 | 11.1 (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)2345 (highest) | 11.13 (0.98, 1.3)1.14 (0.95, 1.36)1.12 (0.93, 1.36)1.28 (1.03, 1.59) | 0.20 | 11.09 (0.96, 1.25)1.03 (0.90, 1.18)1.12 (0.96, 1.31)1.18 (1, 1.39) | 0.24 | 11.02 (0.86, 1.20)0.99 (0.83, 1.17)0.91 (0.75, 1.10)0.80 (0.64, 1.01) | 0.26 | 10.97 (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**UrbanTown and fringeVillage, hamlet, isolated dwelling | 10.94 (0.77, 1.14)0.91 (0.73, 1.13) | 0.63 | 11.0 (0.86, 1.17)0.99 (0.82, 1.19) | 0.99 | 11.03 (0.87, 1.23)1.02 (0.83, 1.24) | 0.93 | 11.1 (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 years60-64 years65-69 years70-74 years75-79 years80-84 years85-89 years90+ years | 10.94 (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 | 11.3 (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 | 10.92 (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 | 10.84 (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)2345 (highest) | 11.03 (0.68, 1.55)1.48 (1.01, 2.16)1.75 (1.21, 2.54)1.70 (1.12, 2.59) | 0.004 | 11.06 (0.79, 1.41)1.12 (0.82, 1.53)1.21 (0.92, 1.58)1.16 (0.83, 1.62) | 0.69 | 10.97 (0.66, 1.43)1.01 (0.68, 1.50)1.01 (0.62, 1.66)0.87 (0.52, 1.46) | 0.94 | 10.79 (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**UrbanTown and fringeVillage, hamlet, isolated dwelling | 10.99 (0.67, 1.45)0.63 (0.35, 1.12) | 0.28 | 10.84 (0.63, 1.13)1.02 (0.72, 1.45) | 0.50 | 11.11 (0.66, 1.86)0.66 (0.39, 1.10) | 0.15 | 11.07 (0.68, 1.68)1.03 (0.69, 1.55) | 0.96 |

\* From Wald test for heterogeneity