**Table 4: Unadjusted and adjusted hazard ratios for variables associated with diabetes mellitus**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |  |  |  |
| PTSD | 1.04 (0.98-1.11) | 1.22 (1.15-1.30) | 1.09 (1.02-1.17) | 1.19 (1.12-1.27) | 1.09 (1.03-1.17) |
| Substance use disorder | 1.04 (0.96-1.13) |  | 1.21 (1.12-1.31) |  | 1.19 (1.10-1.29) |
| Psychotic disorder | 1.44 (1.31-1.59) |  | 1.26 (1.14-1.39) |  | 1.26 (1.15-1.39) |
| Major depressive disorder | 1.27 (1.25-1.30) |  | 1.20 (1.18-1.23) |  | 1.15 (1.13-1.17) |
| Anxiety disorder | 1.08 (1.06-1.11) |  | 1.11 (1.08-1.13) |  | 1.09 (1.06-1.11) |
| Sleep disorders | 1.49 (1.46-1.53) |  | 1.13 (1.10-1.16) |  | 1.07 (1.05-1.10) |
| Cardiovascular risk factors |  |  |  |  |  |
| Dyslipidemia | 2.38 (2.34-2.42) |  |  | 1.12 (1.10-1.14) | 1.11 (1.09-1.13) |
| Hypertension | 2.87 (2.83-2.91) |  |  | 1.51 (1.49-1.53) | 1.49 (1.47-1.51) |
| HIV | 0.86 (0.84-0.88) |  |  | 0.99 (0.97-1.02) | 0.99 (0.96-1.01) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.09 (0.09-0.10) | 0.10 (0.09-0.10) | 0.10 (0.09-0.10) | 0.10 (0.10-0.11) | 0.10 (0.10-0.11) |
| 25-34 | 0.21 (0.21-0.22) | 0.22 (0.21-0.22) | 0.22 (0.21-0.22) | 0.24 (0.23-0.24) | 0.24 (0.23-0.24) |
| 35-44 | 0.47 (0.47-0.48) | 0.48 (0.47-0.48) | 0.48 (0.47-0.48) | 0.50 (0.49-0.51) | 0.50 (0.49-0.51) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.49 (1.47-1.51) | 1.50 (1.48-1.52) | 1.50 (1.48-1.52) | 1.42 (1.39-1.44) | 1.42 (1.40-1.44) |
| 65-74 | 1.63 (1.60-1.66) | 1.65 (1.62-1.68) | 1.66 (1.63-1.69) | 1.48 (1.45-1.51) | 1.49 (1.46-1.52) |
| 75+ | 1.52 (1.49-1.56) | 1.58 (1.54-1.61) | 1.58 (1.54-1.62) | 1.35 (1.32-1.39) | 1.36 (1.33-1.40) |
| Sex |  |  |  |  |  |
| Male | 1.01 (1.00-1.02) | 1.05 (1.03-1.06) | 1.06 (1.05-1.07) | 1.05 (1.04-1.07) | 1.06 (1.05-1.07) |
| Female | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Population group |  |  |  |  |  |
| Black African | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Mixed Ancestry | 1.30 (1.27-1.33) | 1.37 (1.34-1.40) | 1.36 (1.33-1.39) | 1.34 (1.31-1.37) | 1.33 (1.30-1.36) |
| White | 1.31 (1.30-1.33) | 0.90 (0.89-0.92) | 0.89 (0.87-0.90) | 0.87 (0.86-0.88) | 0.86 (0.85-0.87) |
| Indian/Asian | 2.27 (2.23-2.32) | 1.88 (1.84-1.92) | 1.88 (1.84-1.92) | 1.89 (1.85-1.93) | 1.89 (1.85-1.93) |
| Unknown | 1.71 (1.69-1.73) | 1.17 (1.15-1.19) | 1.16 (1.14-1.18) | 1.14 (1.13-1.16) | 1.14 (1.12-1.16) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.74 (0.73-0.76) | 0.92 (0.90-0.93) | 0.92 (0.90-0.93) | 0.92 (0.91-0.94) | 0.92 (0.91-0.94) |
| 2017-2020 | 0.83 (0.81-0.84) | 0.88 (0.87-0.89) | 0.88 (0.87-0.89) | 0.90 (0.88-0.91) | 0.90 (0.88-0.91) |