**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 | 1.05 (0.97-1.14) | 1.26 (1.16-1.36) | 1.13 (1.04-1.22) | 1.23 (1.14-1.33) | 1.13 (1.05-1.23) |
| Substance use disorder | 1.03 (0.94-1.13) |  | 1.21 (1.10-1.34) |  | 1.20 (1.09-1.32) |
| Psychotic disorder | 1.45 (1.30-1.63) |  | 1.25 (1.12-1.41) |  | 1.25 (1.12-1.41) |
| Major depressive disorder | 1.27 (1.25-1.30) |  | 1.19 (1.17-1.22) |  | 1.15 (1.12-1.18) |
| Anxiety disorder | 1.07 (1.04-1.10) |  | 1.10 (1.07-1.14) |  | 1.09 (1.06-1.12) |
| Sleep disorders | 1.53 (1.48-1.57) |  | 1.12 (1.09-1.16) |  | 1.07 (1.04-1.10) |
| Cardiovascular risk factors |  |  |  |  |  |
| Dyslipidemia | 2.40 (2.36-2.44) |  |  | 1.07 (1.05-1.09) | 1.07 (1.05-1.09) |
| Hypertension | 2.80 (2.76-2.83) |  |  | 1.45 (1.43-1.47) | 1.43 (1.41-1.46) |
| HIV | 0.82 (0.80-0.85) |  |  | 0.97 (0.94-1.00) | 0.96 (0.94-0.99) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.10 (0.10-0.10) | 0.10 (0.10-0.11) | 0.10 (0.10-0.11) | 0.11 (0.10-0.11) | 0.11 (0.10-0.11) |
| 25-34 | 0.21 (0.21-0.21) | 0.21 (0.21-0.22) | 0.22 (0.21-0.22) | 0.23 (0.22-0.23) | 0.23 (0.22-0.23) |
| 35-44 | 0.47 (0.46-0.47) | 0.47 (0.46-0.48) | 0.47 (0.46-0.48) | 0.49 (0.48-0.50) | 0.49 (0.48-0.50) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.51 (1.49-1.53) | 1.51 (1.49-1.54) | 1.51 (1.49-1.54) | 1.44 (1.42-1.47) | 1.45 (1.42-1.47) |
| 65-74 | 1.67 (1.64-1.71) | 1.68 (1.64-1.71) | 1.68 (1.65-1.72) | 1.53 (1.50-1.56) | 1.54 (1.51-1.57) |
| 75+ | 1.57 (1.53-1.62) | 1.61 (1.56-1.65) | 1.61 (1.57-1.65) | 1.41 (1.38-1.45) | 1.42 (1.39-1.46) |
| Sex |  |  |  |  |  |
| Male | 1.02 (1.01-1.03) | 1.05 (1.03-1.06) | 1.06 (1.04-1.07) | 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 | 1.29 (1.26-1.32) | 1.39 (1.35-1.42) | 1.38 (1.34-1.41) | 1.36 (1.33-1.40) | 1.36 (1.32-1.39) |
| White | 1.35 (1.33-1.37) | 0.92 (0.90-0.93) | 0.90 (0.89-0.92) | 0.89 (0.87-0.90) | 0.88 (0.87-0.90) |
| Indian/Asian | 2.31 (2.26-2.36) | 1.90 (1.86-1.94) | 1.90 (1.86-1.95) | 1.91 (1.87-1.96) | 1.92 (1.87-1.96) |
| Unknown | 1.78 (1.75-1.81) | 1.18 (1.16-1.20) | 1.18 (1.16-1.19) | 1.16 (1.14-1.18) | 1.15 (1.14-1.17) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.73 (0.71-0.74) | 0.90 (0.88-0.91) | 0.90 (0.88-0.91) | 0.90 (0.89-0.92) | 0.90 (0.89-0.92) |
| 2017-2020 | 0.84 (0.83-0.86) | 0.91 (0.90-0.92) | 0.91 (0.90-0.92) | 0.93 (0.91-0.94) | 0.92 (0.91-0.94) |