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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |  |  |  |
| PTSD | 0.94 (0.83-1.05) | 1.22 (1.09-1.38) | 1.10 (0.98-1.24) | 1.15 (1.02-1.29) | 1.09 (0.97-1.22) |
| Substance use disorder | 1.00 (0.88-1.14) |  | 0.95 (0.84-1.09) |  | 0.91 (0.80-1.04) |
| Psychotic disorder | 1.61 (1.38-1.89) |  | 1.27 (1.08-1.49) |  | 1.19 (1.02-1.40) |
| Major depressive disorder | 1.40 (1.36-1.44) |  | 1.16 (1.12-1.20) |  | 1.08 (1.04-1.12) |
| Anxiety disorder | 1.13 (1.09-1.17) |  | 1.11 (1.06-1.15) |  | 1.08 (1.04-1.13) |
| Sleep disorders | 1.75 (1.68-1.82) |  | 1.12 (1.07-1.16) |  | 1.03 (0.99-1.07) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.44 (3.36-3.53) |  |  | 1.85 (1.80-1.90) | 1.85 (1.80-1.90) |
| Hypertension | 3.30 (3.22-3.37) |  |  | 1.46 (1.43-1.50) | 1.45 (1.41-1.49) |
| HIV | 0.59 (0.56-0.62) |  |  | 1.01 (0.95-1.07) | 1.00 (0.95-1.06) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.10 (0.09-0.11) | 0.09 (0.08-0.10) | 0.10 (0.09-0.11) | 0.12 (0.11-0.13) | 0.12 (0.11-0.13) |
| 25-34 | 0.21 (0.20-0.22) | 0.23 (0.22-0.24) | 0.23 (0.22-0.24) | 0.28 (0.27-0.30) | 0.28 (0.27-0.30) |
| 35-44 | 0.47 (0.46-0.49) | 0.50 (0.49-0.52) | 0.50 (0.49-0.52) | 0.57 (0.55-0.59) | 0.57 (0.55-0.59) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.66 (1.61-1.71) | 1.52 (1.48-1.57) | 1.52 (1.48-1.57) | 1.36 (1.32-1.41) | 1.37 (1.33-1.41) |
| 65-74 | 2.52 (2.43-2.61) | 1.96 (1.89-2.03) | 1.97 (1.90-2.04) | 1.65 (1.59-1.71) | 1.66 (1.60-1.72) |
| 75+ | 2.68 (2.57-2.80) | 2.01 (1.92-2.10) | 2.01 (1.92-2.10) | 1.63 (1.56-1.70) | 1.64 (1.57-1.71) |
| Sex |  |  |  |  |  |
| Male | 1.19 (1.16-1.21) | 1.19 (1.16-1.22) | 1.21 (1.19-1.24) | 1.18 (1.16-1.21) | 1.20 (1.17-1.22) |
| 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 | 2.00 (1.91-2.11) | 2.18 (2.07-2.29) | 2.15 (2.05-2.26) | 2.12 (2.02-2.23) | 2.11 (2.01-2.22) |
| White | 3.48 (3.38-3.58) | 2.51 (2.44-2.59) | 2.45 (2.38-2.53) | 2.59 (2.51-2.67) | 2.56 (2.48-2.64) |
| Indian/Asian | 3.35 (3.19-3.52) | 2.75 (2.62-2.88) | 2.75 (2.62-2.89) | 2.64 (2.51-2.77) | 2.64 (2.52-2.78) |
| Unknown | 3.65 (3.54-3.77) | 2.37 (2.29-2.45) | 2.35 (2.27-2.43) | 2.37 (2.29-2.45) | 2.36 (2.28-2.44) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.92 (0.90-0.95) | 0.91 (0.89-0.94) | 0.89 (0.87-0.92) | 0.85 (0.83-0.88) | 0.84 (0.82-0.87) |
| 2017-2020 | 1.07 (1.04-1.10) | 1.07 (1.04-1.10) | 1.05 (1.02-1.08) | 1.05 (1.02-1.08) | 1.04 (1.01-1.07) |