**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 | 1.03 (0.95-1.12) | 1.23 (1.13-1.34) | 1.11 (1.02-1.21) | 1.16 (1.07-1.26) | 1.10 (1.01-1.20) |
| Substance use disorder | 1.14 (1.03-1.25) |  | 1.02 (0.93-1.13) |  | 0.99 (0.90-1.09) |
| Psychotic disorder | 1.65 (1.46-1.87) |  | 1.30 (1.14-1.47) |  | 1.23 (1.09-1.39) |
| Major depressive disorder | 1.43 (1.40-1.47) |  | 1.16 (1.13-1.20) |  | 1.08 (1.05-1.11) |
| Anxiety disorder | 1.14 (1.11-1.17) |  | 1.09 (1.06-1.12) |  | 1.07 (1.04-1.11) |
| Sleep disorders | 1.73 (1.67-1.78) |  | 1.11 (1.08-1.15) |  | 1.03 (0.99-1.06) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.40 (3.33-3.47) |  |  | 1.87 (1.83-1.91) | 1.86 (1.82-1.91) |
| Hypertension | 3.25 (3.19-3.32) |  |  | 1.48 (1.45-1.51) | 1.47 (1.43-1.50) |
| HIV | 0.72 (0.69-0.75) |  |  | 1.13 (1.09-1.18) | 1.13 (1.08-1.18) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.09 (0.08-0.10) | 0.09 (0.08-0.09) | 0.09 (0.08-0.10) | 0.11 (0.10-0.12) | 0.11 (0.10-0.12) |
| 25-34 | 0.22 (0.21-0.23) | 0.24 (0.23-0.25) | 0.24 (0.23-0.25) | 0.29 (0.28-0.31) | 0.29 (0.28-0.31) |
| 35-44 | 0.49 (0.48-0.51) | 0.52 (0.50-0.53) | 0.52 (0.50-0.53) | 0.59 (0.57-0.61) | 0.59 (0.57-0.61) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.63 (1.58-1.67) | 1.51 (1.47-1.55) | 1.51 (1.47-1.55) | 1.35 (1.32-1.39) | 1.35 (1.32-1.39) |
| 65-74 | 2.43 (2.35-2.50) | 1.92 (1.86-1.98) | 1.93 (1.87-1.99) | 1.61 (1.56-1.66) | 1.62 (1.57-1.67) |
| 75+ | 2.59 (2.49-2.69) | 1.95 (1.88-2.03) | 1.96 (1.88-2.04) | 1.57 (1.51-1.63) | 1.58 (1.52-1.65) |
| Sex |  |  |  |  |  |
| Male | 1.20 (1.18-1.23) | 1.22 (1.20-1.24) | 1.24 (1.22-1.27) | 1.21 (1.19-1.24) | 1.23 (1.20-1.25) |
| 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 | 1.79 (1.72-1.87) | 1.98 (1.89-2.06) | 1.95 (1.87-2.04) | 1.97 (1.89-2.05) | 1.96 (1.88-2.04) |
| White | 3.11 (3.04-3.19) | 2.29 (2.23-2.35) | 2.23 (2.18-2.29) | 2.39 (2.33-2.46) | 2.36 (2.30-2.43) |
| Indian/Asian | 3.27 (3.14-3.41) | 2.74 (2.63-2.86) | 2.75 (2.64-2.86) | 2.62 (2.51-2.73) | 2.62 (2.52-2.74) |
| Unknown | 3.12 (3.04-3.20) | 2.19 (2.13-2.25) | 2.18 (2.12-2.24) | 2.26 (2.20-2.32) | 2.25 (2.19-2.32) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.98 (0.95-1.00) | 0.93 (0.91-0.96) | 0.92 (0.89-0.94) | 0.86 (0.84-0.88) | 0.85 (0.83-0.88) |
| 2017-2020 | 1.25 (1.22-1.28) | 1.05 (1.02-1.07) | 1.02 (0.99-1.04) | 0.96 (0.94-0.99) | 0.95 (0.93-0.97) |