**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 | 1.02 (0.94-1.11) | 1.18 (1.08-1.28) | 1.06 (0.98-1.15) | 1.10 (1.02-1.20) | 1.05 (0.97-1.14) |
| Other anxiety disorders | 1.20 (1.17-1.24) |  | 1.07 (1.04-1.11) |  | 1.05 (1.02-1.08) |
| Organic mental disorder | 2.49 (2.29-2.70) |  | 1.14 (1.05-1.24) |  | 1.11 (1.02-1.21) |
| Substance use disorder | 1.22 (1.11-1.34) |  | 1.11 (1.01-1.21) |  | 1.07 (0.98-1.18) |
| Psychotic disorder | 1.40 (1.23-1.59) |  | 1.05 (0.92-1.19) |  | 0.98 (0.86-1.12) |
| Mood disorder | 1.47 (1.44-1.51) |  | 1.15 (1.12-1.18) |  | 1.07 (1.04-1.10) |
| Sleep disorders | 1.81 (1.76-1.87) |  | 1.11 (1.07-1.14) |  | 1.02 (0.99-1.05) |
| Other mental disorder | 1.15 (1.08-1.23) |  | 1.15 (1.08-1.23) |  | 1.12 (1.05-1.19) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.51 (3.44-3.58) |  |  | 1.87 (1.83-1.91) | 1.86 (1.82-1.90) |
| Hypertension | 3.51 (3.44-3.57) |  |  | 1.56 (1.52-1.59) | 1.54 (1.51-1.57) |
| HIV | 0.73 (0.70-0.76) |  |  | 1.12 (1.07-1.16) | 1.11 (1.07-1.16) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.09 (0.08-0.10) | 0.08 (0.08-0.09) | 0.08 (0.08-0.09) | 0.11 (0.10-0.12) | 0.11 (0.10-0.12) |
| 25-34 | 0.21 (0.20-0.22) | 0.22 (0.22-0.23) | 0.23 (0.22-0.24) | 0.29 (0.28-0.30) | 0.29 (0.28-0.30) |
| 35-44 | 0.49 (0.47-0.50) | 0.51 (0.50-0.53) | 0.51 (0.50-0.53) | 0.60 (0.58-0.61) | 0.59 (0.58-0.61) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.64 (1.60-1.69) | 1.51 (1.47-1.55) | 1.51 (1.47-1.55) | 1.33 (1.30-1.37) | 1.34 (1.30-1.37) |
| 65-74 | 2.50 (2.42-2.57) | 1.93 (1.87-1.99) | 1.93 (1.88-1.99) | 1.58 (1.53-1.63) | 1.59 (1.54-1.64) |
| 75+ | 2.65 (2.56-2.74) | 1.95 (1.88-2.02) | 1.94 (1.87-2.01) | 1.56 (1.51-1.62) | 1.57 (1.51-1.63) |
| Sex |  |  |  |  |  |
| Male | 1.21 (1.19-1.23) | 1.23 (1.21-1.25) | 1.25 (1.23-1.28) | 1.23 (1.20-1.25) | 1.24 (1.21-1.26) |
| 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 | 1.84 (1.77-1.92) | 2.02 (1.94-2.10) | 2.00 (1.92-2.08) | 2.01 (1.93-2.09) | 2.00 (1.92-2.08) |
| White | 3.08 (3.01-3.15) | 2.26 (2.20-2.31) | 2.20 (2.14-2.25) | 2.37 (2.31-2.43) | 2.34 (2.28-2.40) |
| Indian/Asian | 3.21 (3.09-3.34) | 2.61 (2.51-2.72) | 2.62 (2.51-2.72) | 2.51 (2.41-2.61) | 2.51 (2.41-2.61) |
| Unknown | 3.19 (3.11-3.27) | 2.17 (2.11-2.23) | 2.16 (2.10-2.22) | 2.25 (2.19-2.31) | 2.24 (2.18-2.30) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 1.04 (1.01-1.07) | 1.00 (0.98-1.03) | 0.98 (0.96-1.01) | 0.92 (0.90-0.95) | 0.92 (0.89-0.94) |
| 2017-2019 | 1.38 (1.34-1.41) | 1.17 (1.14-1.20) | 1.13 (1.10-1.16) | 1.08 (1.05-1.10) | 1.06 (1.04-1.09) |
| 2020 | 1.96 (1.89-2.03) | 1.55 (1.50-1.61) | 1.48 (1.43-1.53) | 1.36 (1.31-1.41) | 1.33 (1.29-1.38) |