**Table 3: Unadjusted and adjusted hazard ratios for factors associated with major vascular events: moderate certainty**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |  |  |  |
| PTSD | 0.96 (0.85-1.09) | 1.49 (1.32-1.69) | 1.14 (1.00-1.29) | 1.41 (1.24-1.60) | 1.15 (1.01-1.30) |
| Other anxiety disorders | 1.21 (1.17-1.26) |  | 1.18 (1.14-1.22) |  | 1.15 (1.11-1.20) |
| Organic mental disorder | 7.42 (6.85-8.03) |  | 2.20 (2.03-2.38) |  | 2.24 (2.06-2.43) |
| Substance use disorder | 1.59 (1.34-1.88) |  | 1.47 (1.24-1.75) |  | 1.45 (1.22-1.72) |
| Psychotic disorder | 1.74 (1.49-2.02) |  | 1.02 (0.87-1.19) |  | 1.02 (0.87-1.19) |
| Mood disorder | 1.82 (1.78-1.87) |  | 1.60 (1.56-1.64) |  | 1.43 (1.39-1.47) |
| Other mental disorder | 1.45 (1.38-1.54) |  | 1.10 (1.03-1.16) |  | 1.05 (0.99-1.11) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.83 (3.76-3.91) |  |  | 1.50 (1.47-1.53) | 1.50 (1.47-1.53) |
| Dyslipidemia | 5.26 (5.17-5.36) |  |  | 1.57 (1.54-1.61) | 1.55 (1.52-1.58) |
| Hypertension | 5.67 (5.56-5.78) |  |  | 2.10 (2.05-2.14) | 2.06 (2.01-2.11) |
| HIV | 0.61 (0.58-0.64) |  |  | 1.19 (1.14-1.25) | 1.18 (1.13-1.24) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.11 (0.10-0.12) | 0.11 (0.10-0.12) | 0.11 (0.10-0.12) | 0.16 (0.15-0.18) | 0.16 (0.15-0.18) |
| 25-34 | 0.24 (0.23-0.25) | 0.25 (0.24-0.26) | 0.25 (0.24-0.26) | 0.36 (0.34-0.38) | 0.36 (0.34-0.38) |
| 35-44 | 0.49 (0.47-0.51) | 0.51 (0.49-0.52) | 0.51 (0.49-0.52) | 0.64 (0.62-0.66) | 0.64 (0.62-0.66) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.80 (1.75-1.85) | 1.71 (1.67-1.76) | 1.73 (1.68-1.77) | 1.39 (1.35-1.43) | 1.40 (1.36-1.44) |
| 65-74 | 3.22 (3.13-3.31) | 2.78 (2.70-2.87) | 2.83 (2.74-2.91) | 1.97 (1.91-2.03) | 2.01 (1.95-2.07) |
| 75+ | 5.48 (5.32-5.64) | 4.74 (4.59-4.88) | 4.75 (4.61-4.90) | 3.23 (3.13-3.33) | 3.26 (3.16-3.36) |
| Sex |  |  |  |  |  |
| Male | 1.21 (1.19-1.24) | 1.35 (1.33-1.38) | 1.41 (1.38-1.43) | 1.33 (1.30-1.35) | 1.37 (1.34-1.39) |
| 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 | 1.75 (1.68-1.83) | 1.85 (1.78-1.93) | 1.81 (1.74-1.89) | 1.68 (1.61-1.75) | 1.66 (1.59-1.73) |
| White | 3.03 (2.96-3.10) | 1.74 (1.69-1.78) | 1.64 (1.60-1.68) | 1.64 (1.60-1.68) | 1.57 (1.53-1.61) |
| Indian/Asian | 3.42 (3.30-3.54) | 2.58 (2.49-2.67) | 2.59 (2.50-2.69) | 2.32 (2.24-2.41) | 2.34 (2.26-2.42) |
| Unknown | 2.97 (2.89-3.04) | 1.56 (1.51-1.60) | 1.51 (1.46-1.55) | 1.40 (1.36-1.44) | 1.37 (1.33-1.41) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.97 (0.94-1.00) | 1.10 (1.06-1.13) | 1.09 (1.06-1.13) | 1.09 (1.06-1.12) | 1.09 (1.06-1.12) |
| 2017-2019 | 1.13 (1.10-1.16) | 1.16 (1.13-1.20) | 1.15 (1.12-1.19) | 1.19 (1.16-1.23) | 1.18 (1.15-1.22) |
| 2020 | 0.84 (0.79-0.89) | 0.93 (0.88-0.98) | 0.92 (0.87-0.98) | 0.97 (0.92-1.03) | 0.97 (0.91-1.02) |