**Table 2: Unadjusted and adjusted hazard ratios for factors associated with major vascular events in men**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |  |  |  |
| PTSD | 0.98 (0.86-1.12) | 1.41 (1.23-1.61) | 1.10 (0.96-1.26) | 1.31 (1.15-1.50) | 1.10 (0.96-1.26) |
| Other anxiety disorders | 1.19 (1.14-1.24) |  | 1.23 (1.18-1.29) |  | 1.18 (1.13-1.23) |
| Organic mental disorder | 4.91 (4.47-5.39) |  | 2.00 (1.82-2.20) |  | 1.93 (1.76-2.13) |
| Substance use disorder | 1.27 (1.11-1.45) |  | 1.42 (1.24-1.63) |  | 1.38 (1.20-1.58) |
| Psychotic disorder | 1.60 (1.36-1.90) |  | 1.10 (0.92-1.30) |  | 1.14 (0.96-1.36) |
| Mood disorder | 1.69 (1.63-1.76) |  | 1.43 (1.37-1.48) |  | 1.28 (1.23-1.33) |
| Other mental disorder | 1.35 (1.27-1.43) |  | 1.20 (1.13-1.27) |  | 1.14 (1.07-1.20) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.89 (3.79-4.00) |  |  | 1.47 (1.43-1.52) | 1.47 (1.42-1.51) |
| Dyslipidemia | 5.42 (5.29-5.57) |  |  | 1.61 (1.56-1.66) | 1.59 (1.55-1.64) |
| Hypertension | 5.59 (5.44-5.74) |  |  | 1.98 (1.92-2.05) | 1.95 (1.89-2.01) |
| HIV | 0.66 (0.63-0.70) |  |  | 1.16 (1.09-1.24) | 1.15 (1.08-1.22) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.10 (0.09-0.12) | 0.10 (0.09-0.11) | 0.10 (0.09-0.11) | 0.15 (0.13-0.17) | 0.15 (0.13-0.16) |
| 25-34 | 0.21 (0.20-0.23) | 0.22 (0.21-0.24) | 0.23 (0.21-0.24) | 0.32 (0.30-0.35) | 0.32 (0.30-0.34) |
| 35-44 | 0.46 (0.44-0.48) | 0.48 (0.46-0.50) | 0.48 (0.46-0.50) | 0.61 (0.58-0.64) | 0.60 (0.58-0.63) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.88 (1.81-1.95) | 1.76 (1.70-1.83) | 1.77 (1.71-1.84) | 1.46 (1.40-1.51) | 1.47 (1.42-1.52) |
| 65-74 | 3.50 (3.37-3.64) | 2.75 (2.64-2.86) | 2.79 (2.68-2.91) | 2.01 (1.93-2.10) | 2.05 (1.97-2.14) |
| 75+ | 5.73 (5.49-5.97) | 4.40 (4.21-4.59) | 4.40 (4.21-4.60) | 3.12 (2.98-3.26) | 3.14 (3.00-3.28) |
| Population group |  |  |  |  |  |
| Black African | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Mixed Ancestry | 2.06 (1.95-2.18) | 2.16 (2.04-2.28) | 2.12 (2.01-2.24) | 1.90 (1.79-2.01) | 1.88 (1.77-1.98) |
| White | 3.60 (3.49-3.72) | 2.10 (2.03-2.18) | 2.03 (1.96-2.10) | 1.91 (1.85-1.98) | 1.86 (1.80-1.93) |
| Indian/Asian | 4.34 (4.15-4.55) | 3.26 (3.11-3.42) | 3.29 (3.14-3.45) | 2.87 (2.73-3.01) | 2.89 (2.75-3.03) |
| Unknown | 3.50 (3.37-3.62) | 1.85 (1.78-1.93) | 1.82 (1.75-1.89) | 1.63 (1.57-1.70) | 1.61 (1.55-1.68) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.96 (0.92-0.99) | 1.07 (1.03-1.12) | 1.07 (1.03-1.12) | 1.06 (1.02-1.11) | 1.06 (1.02-1.11) |
| 2017-2019 | 1.17 (1.13-1.22) | 1.16 (1.12-1.21) | 1.15 (1.11-1.20) | 1.16 (1.12-1.21) | 1.15 (1.11-1.20) |
| 2020 | 0.81 (0.75-0.88) | 0.87 (0.80-0.95) | 0.86 (0.79-0.94) | 0.87 (0.80-0.94) | 0.86 (0.79-0.93) |