**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 | 1.04 (0.86-1.26) | 1.32 (1.09-1.59) | 1.05 (0.87-1.28) | 1.20 (0.99-1.46) | 1.06 (0.88-1.29) |
| Other anxiety disorders | 1.33 (1.25-1.42) |  | 1.11 (1.04-1.19) |  | 1.05 (0.98-1.12) |
| Organic mental disorder | 4.83 (4.28-5.45) |  | 1.82 (1.60-2.06) |  | 1.77 (1.56-2.00) |
| Substance use disorder | 1.38 (1.14-1.67) |  | 1.15 (0.95-1.40) |  | 1.12 (0.92-1.35) |
| Psychotic disorder | 1.83 (1.46-2.30) |  | 1.06 (0.84-1.34) |  | 1.20 (0.95-1.51) |
| Mood disorder | 1.93 (1.83-2.04) |  | 1.42 (1.33-1.50) |  | 1.26 (1.19-1.34) |
| Sleep disorders | 2.32 (2.19-2.47) |  | 1.29 (1.21-1.38) |  | 1.11 (1.04-1.18) |
| Other mental disorder | 1.20 (1.06-1.35) |  | 1.12 (0.99-1.27) |  | 1.06 (0.93-1.20) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.34 (3.19-3.49) |  |  | 1.20 (1.15-1.26) | 1.20 (1.14-1.26) |
| Dyslipidemia | 6.29 (6.02-6.58) |  |  | 2.21 (2.10-2.33) | 2.17 (2.06-2.29) |
| Hypertension | 5.95 (5.66-6.25) |  |  | 2.22 (2.09-2.35) | 2.16 (2.03-2.29) |
| HIV | 0.64 (0.58-0.70) |  |  | 1.01 (0.91-1.12) | 1.00 (0.91-1.11) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.11 (0.09-0.14) | 0.11 (0.09-0.14) | 0.12 (0.09-0.14) | 0.22 (0.18-0.27) | 0.22 (0.18-0.27) |
| 25-34 | 0.22 (0.20-0.25) | 0.24 (0.21-0.27) | 0.24 (0.22-0.27) | 0.41 (0.36-0.46) | 0.41 (0.36-0.46) |
| 35-44 | 0.50 (0.46-0.54) | 0.53 (0.49-0.58) | 0.54 (0.50-0.59) | 0.73 (0.67-0.79) | 0.73 (0.67-0.79) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.87 (1.76-1.99) | 1.76 (1.65-1.87) | 1.76 (1.65-1.87) | 1.37 (1.29-1.46) | 1.38 (1.29-1.47) |
| 65-74 | 2.99 (2.80-3.20) | 2.36 (2.20-2.53) | 2.38 (2.22-2.55) | 1.60 (1.49-1.72) | 1.62 (1.51-1.74) |
| 75+ | 4.70 (4.37-5.05) | 3.57 (3.31-3.85) | 3.48 (3.22-3.76) | 2.33 (2.16-2.52) | 2.31 (2.13-2.49) |
| Population group |  |  |  |  |  |
| Black African | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Mixed Ancestry | 2.18 (1.98-2.39) | 2.28 (2.08-2.51) | 2.23 (2.03-2.44) | 1.82 (1.65-2.00) | 1.81 (1.64-1.98) |
| White | 3.50 (3.31-3.70) | 2.16 (2.04-2.29) | 2.00 (1.88-2.12) | 1.74 (1.64-1.85) | 1.67 (1.57-1.77) |
| Indian/Asian | 4.29 (3.96-4.64) | 3.16 (2.92-3.43) | 3.17 (2.93-3.44) | 2.41 (2.21-2.61) | 2.42 (2.23-2.63) |
| Unknown | 3.21 (3.01-3.41) | 1.96 (1.83-2.09) | 1.94 (1.82-2.07) | 1.71 (1.60-1.83) | 1.70 (1.59-1.82) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 1.39 (1.31-1.48) | 1.28 (1.21-1.37) | 1.22 (1.14-1.30) | 1.07 (1.01-1.14) | 1.04 (0.98-1.11) |
| 2017-2019 | 1.59 (1.49-1.68) | 1.26 (1.18-1.33) | 1.16 (1.09-1.23) | 1.00 (0.94-1.06) | 0.95 (0.90-1.02) |
| 2020 | 1.29 (1.19-1.40) | 0.97 (0.89-1.05) | 0.87 (0.80-0.94) | 0.71 (0.65-0.77) | 0.67 (0.61-0.73) |