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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |  |  |  |
| PTSD | 1.03 (0.95-1.12) | 1.51 (1.39-1.64) | 1.19 (1.09-1.29) | 1.42 (1.30-1.54) | 1.18 (1.09-1.29) |
| Other anxiety disorders | 1.18 (1.15-1.22) |  | 1.21 (1.18-1.25) |  | 1.17 (1.14-1.21) |
| Organic mental disorder | 5.45 (5.13-5.78) |  | 2.14 (2.01-2.28) |  | 2.10 (1.97-2.23) |
| Substance use disorder | 1.53 (1.37-1.71) |  | 1.44 (1.29-1.60) |  | 1.37 (1.23-1.53) |
| Psychotic disorder | 1.92 (1.72-2.14) |  | 1.19 (1.07-1.33) |  | 1.19 (1.07-1.34) |
| Mood disorder | 1.68 (1.64-1.72) |  | 1.49 (1.45-1.52) |  | 1.34 (1.31-1.38) |
| Other mental disorder | 1.38 (1.33-1.44) |  | 1.17 (1.13-1.22) |  | 1.12 (1.08-1.17) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.64 (3.57-3.72) |  |  | 1.51 (1.48-1.54) | 1.51 (1.47-1.54) |
| Dyslipidemia | 4.95 (4.86-5.05) |  |  | 1.56 (1.52-1.59) | 1.53 (1.50-1.57) |
| Hypertension | 5.54 (5.43-5.65) |  |  | 2.08 (2.03-2.13) | 2.04 (1.99-2.08) |
| HIV | 0.62 (0.59-0.64) |  |  | 1.19 (1.14-1.24) | 1.17 (1.12-1.22) |
| 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) | 0.63 (0.61-0.66) |
| 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 (1.68-1.78) | 1.40 (1.36-1.44) | 1.42 (1.38-1.45) |
| 65-74 | 3.22 (3.13-3.31) | 2.79 (2.71-2.87) | 2.85 (2.76-2.93) | 2.00 (1.94-2.06) | 2.05 (1.99-2.11) |
| 75+ | 5.48 (5.32-5.64) | 4.75 (4.60-4.89) | 4.75 (4.61-4.90) | 3.28 (3.18-3.38) | 3.31 (3.21-3.42) |
| Sex |  |  |  |  |  |
| Male | 1.21 (1.19-1.24) | 1.35 (1.33-1.38) | 1.41 (1.39-1.44) | 1.33 (1.31-1.35) | 1.37 (1.35-1.40) |
| 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) | 1.69 (1.62-1.77) | 1.67 (1.60-1.74) |
| White | 3.03 (2.96-3.10) | 1.74 (1.70-1.78) | 1.65 (1.61-1.69) | 1.66 (1.62-1.70) | 1.59 (1.55-1.63) |
| Indian/Asian | 3.42 (3.30-3.54) | 2.58 (2.49-2.67) | 2.62 (2.53-2.71) | 2.35 (2.26-2.43) | 2.38 (2.29-2.46) |
| Unknown | 2.97 (2.89-3.04) | 1.56 (1.51-1.60) | 1.51 (1.47-1.56) | 1.42 (1.38-1.46) | 1.39 (1.35-1.43) |
| 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 (1.13-1.19) | 1.15 (1.12-1.18) | 1.18 (1.14-1.21) | 1.16 (1.13-1.20) |
| 2020 | 0.84 (0.79-0.89) | 0.93 (0.88-0.98) | 0.92 (0.86-0.97) | 0.94 (0.88-0.99) | 0.92 (0.87-0.98) |