**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 | 1.09 (1.04-1.13) | 1.54 (1.48-1.61) | 1.15 (1.11-1.20) | 1.41 (1.35-1.47) | 1.14 (1.10-1.19) |
| Other anxiety disorders | 1.28 (1.26-1.30) |  | 1.19 (1.17-1.21) |  | 1.14 (1.12-1.16) |
| Organic mental disorder | 6.26 (6.10-6.42) |  | 2.59 (2.52-2.66) |  | 2.46 (2.39-2.53) |
| Substance use disorder | 1.97 (1.88-2.07) |  | 1.47 (1.40-1.55) |  | 1.39 (1.32-1.46) |
| Psychotic disorder | 2.48 (2.36-2.60) |  | 1.28 (1.21-1.34) |  | 1.26 (1.20-1.33) |
| Mood disorder | 1.93 (1.91-1.96) |  | 1.66 (1.64-1.68) |  | 1.46 (1.44-1.48) |
| Other mental disorder | 1.52 (1.49-1.56) |  | 1.19 (1.17-1.22) |  | 1.13 (1.11-1.15) |
| Cardiovascular risk factors |  |  |  |  |  |
| Diabetes mellitus | 3.19 (3.16-3.23) |  |  | 1.35 (1.34-1.37) | 1.34 (1.32-1.36) |
| Dyslipidemia | 5.82 (5.75-5.89) |  |  | 2.29 (2.26-2.32) | 2.22 (2.19-2.26) |
| Hypertension | 6.12 (6.04-6.21) |  |  | 2.57 (2.53-2.61) | 2.48 (2.44-2.52) |
| HIV | 0.61 (0.60-0.63) |  |  | 1.20 (1.17-1.23) | 1.17 (1.15-1.20) |
| Age, years |  |  |  |  |  |
| 18-24 | 0.13 (0.12-0.14) | 0.13 (0.12-0.14) | 0.13 (0.12-0.14) | 0.27 (0.25-0.28) | 0.26 (0.25-0.28) |
| 25-34 | 0.27 (0.26-0.28) | 0.29 (0.28-0.30) | 0.29 (0.28-0.30) | 0.53 (0.51-0.54) | 0.52 (0.51-0.54) |
| 35-44 | 0.52 (0.51-0.53) | 0.54 (0.53-0.55) | 0.54 (0.53-0.55) | 0.78 (0.76-0.79) | 0.77 (0.75-0.78) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.67 (1.64-1.70) | 1.60 (1.57-1.62) | 1.61 (1.58-1.64) | 1.19 (1.17-1.21) | 1.21 (1.19-1.23) |
| 65-74 | 2.74 (2.69-2.78) | 2.35 (2.30-2.39) | 2.39 (2.34-2.43) | 1.47 (1.45-1.50) | 1.52 (1.49-1.54) |
| 75+ | 4.06 (3.99-4.14) | 3.46 (3.40-3.53) | 3.34 (3.27-3.40) | 2.08 (2.04-2.12) | 2.04 (2.00-2.09) |
| Sex |  |  |  |  |  |
| Male | 1.23 (1.21-1.24) | 1.34 (1.32-1.35) | 1.43 (1.41-1.44) | 1.27 (1.26-1.29) | 1.34 (1.33-1.36) |
| 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 | 1.83 (1.79-1.88) | 1.93 (1.88-1.97) | 1.86 (1.81-1.91) | 1.60 (1.56-1.64) | 1.57 (1.53-1.61) |
| White | 2.90 (2.86-2.94) | 1.81 (1.78-1.84) | 1.66 (1.63-1.68) | 1.58 (1.56-1.61) | 1.48 (1.45-1.50) |
| Indian/Asian | 3.21 (3.15-3.28) | 2.52 (2.47-2.57) | 2.56 (2.50-2.61) | 1.98 (1.94-2.02) | 2.02 (1.97-2.06) |
| Unknown | 2.77 (2.73-2.82) | 1.82 (1.79-1.86) | 1.74 (1.71-1.77) | 1.55 (1.52-1.58) | 1.50 (1.47-1.52) |
| Year |  |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.90 (0.88-0.91) | 0.96 (0.94-0.98) | 0.96 (0.93-0.98) | 0.94 (0.92-0.96) | 0.94 (0.92-0.96) |
| 2017-2019 | 0.89 (0.87-0.91) | 0.97 (0.94-0.99) | 0.95 (0.93-0.97) | 0.93 (0.91-0.96) | 0.92 (0.90-0.94) |
| 2020 | 0.40 (0.38-0.42) | 0.34 (0.32-0.36) | 0.33 (0.32-0.35) | 0.34 (0.32-0.36) | 0.33 (0.31-0.35) |