**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)** |
| Mental disorders |  |  |  |  |
| PTSD | 0.86 (0.79-0.94) | 1.24 (1.14-1.35) | 1.09 (1.00-1.19) | 1.07 (0.99-1.16) |
| Depression | 1.42 (1.39-1.45) |  | 1.39 (1.35-1.42) | 1.23 (1.20-1.26) |
| Psychotic disorder | 1.76 (1.58-1.96) |  | 1.43 (1.29-1.59) | 1.41 (1.27-1.57) |
| Substance use disorder | 1.38 (1.24-1.53) |  | 1.50 (1.35-1.67) | 1.39 (1.25-1.55) |
| Cardiovascular risk factors |  |  |  |  |
| Diabetes mellitus | 3.38 (3.31-3.44) |  |  | 1.47 (1.44-1.50) |
| Dyslipidemia | 4.55 (4.46-4.63) |  |  | 1.53 (1.50-1.56) |
| Hypertension | 5.66 (5.54-5.78) |  |  | 2.36 (2.31-2.42) |
| HIV | 0.56 (0.54-0.59) |  |  | 1.06 (1.02-1.11) |
| Age, years |  |  |  |  |
| 18-24 | 0.14 (0.13-0.15) | 0.14 (0.13-0.16) | 0.15 (0.13-0.16) | 0.24 (0.22-0.26) |
| 25-34 | 0.27 (0.26-0.28) | 0.29 (0.28-0.30) | 0.29 (0.28-0.31) | 0.46 (0.44-0.48) |
| 35-44 | 0.51 (0.49-0.52) | 0.53 (0.51-0.55) | 0.53 (0.51-0.55) | 0.70 (0.67-0.72) |
| 45-54 | 1.00 | 1.00 | 1.00 | 1.00 |
| 55-64 | 1.71 (1.67-1.76) | 1.63 (1.59-1.68) | 1.64 (1.60-1.69) | 1.30 (1.27-1.34) |
| 65-74 | 2.99 (2.91-3.08) | 2.58 (2.51-2.66) | 2.62 (2.54-2.69) | 1.80 (1.75-1.86) |
| 75+ | 4.87 (4.73-5.02) | 4.18 (4.06-4.31) | 4.26 (4.13-4.39) | 2.82 (2.73-2.91) |
| Sex |  |  |  |  |
| Male | 1.22 (1.20-1.24) | 1.36 (1.34-1.38) | 1.40 (1.37-1.42) | 1.36 (1.33-1.38) |
| Female | 1.00 | 1.00 | 1.00 | 1.00 |
| Population group |  |  |  |  |
| Black African | 1.00 | 1.00 | 1.00 | 1.00 |
| Mixed Ancestry | 1.76 (1.69-1.83) | 1.87 (1.79-1.95) | 1.85 (1.77-1.92) | 1.66 (1.59-1.73) |
| White | 2.91 (2.84-2.97) | 1.74 (1.69-1.78) | 1.68 (1.64-1.72) | 1.61 (1.57-1.65) |
| Indian/Asian | 3.29 (3.18-3.41) | 2.56 (2.47-2.65) | 2.56 (2.48-2.66) | 2.27 (2.19-2.36) |
| Unknown | 3.00 (2.93-3.08) | 1.82 (1.77-1.87) | 1.79 (1.74-1.84) | 1.64 (1.60-1.69) |
| Year |  |  |  |  |
| 2011-2013 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2014-2016 | 0.78 (0.75-0.80) | 0.83 (0.81-0.86) | 0.83 (0.81-0.86) | 0.82 (0.80-0.85) |
| 2017-2019 | 0.90 (0.87-0.93) | 0.92 (0.90-0.95) | 0.92 (0.89-0.95) | 0.92 (0.89-0.95) |
| 2020 | 0.60 (0.57-0.63) | 0.57 (0.53-0.60) | 0.56 (0.53-0.59) | 0.58 (0.55-0.61) |