**Table 4: Unadjusted and adjusted hazard ratios for variables associated with Hypertension**

|  |  |  |
| --- | --- | --- |
|  | **HR (95% CI)** | **aHR (95% CI)** |
| Mental disorders |  |  |
| PTSD | 0.76 (0.73-0.80) | 0.90 (0.86-0.94) |
| Other anxiety disorders | 0.78 (0.76-0.79) |  |
| Organic mental disorder | 1.40 (1.32-1.48) |  |
| Substance use disorder | 0.68 (0.64-0.72) |  |
| Psychotic disorder | 0.92 (0.86-0.99) |  |
| Mood disorder | 0.94 (0.93-0.96) |  |
| Sleep disorders | 1.11 (1.09-1.13) |  |
| Other mental disorder | 0.58 (0.55-0.60) |  |
| Time-varying binary variable for major vascular between start18 and end |  |  |
| MACE 2 | 3.75 (3.68-3.83) |  |
| MACE 3 | 3.85 (3.79-3.91) |  |
| MACE 4 | 4.81 (4.75-4.87) |  |
| HIV | 0.70 (0.69-0.72) |  |
| Age, years |  |  |
| 18-24 | 0.09 (0.09-0.09) | 0.10 (0.10-0.10) |
| 25-34 | 0.25 (0.25-0.25) | 0.26 (0.26-0.26) |
| 35-44 | 0.52 (0.51-0.52) | 0.53 (0.52-0.53) |
| 45-54 | 1.00 | 1.00 |
| 55-64 | 1.46 (1.44-1.47) | 1.45 (1.43-1.46) |
| 65-74 | 1.94 (1.91-1.96) | 1.88 (1.86-1.91) |
| 75+ | 2.34 (2.30-2.37) | 2.24 (2.21-2.28) |
| Sex |  |  |
| Male | 0.93 (0.92-0.93) | 0.94 (0.94-0.95) |
| Female | 1.00 | 1.00 |
| Population group |  |  |
| Black African | 1.00 | 1.00 |
| Mixed Ancestry | 1.19 (1.17-1.21) | 1.27 (1.25-1.28) |
| White | 1.57 (1.56-1.59) | 1.10 (1.09-1.11) |
| Indian/Asian | 1.16 (1.14-1.18) | 0.94 (0.92-0.96) |
| Unknown | 1.64 (1.62-1.66) | 1.19 (1.18-1.20) |
| Year |  |  |
| 2011-2013 | 1.00 | 1.00 |
| 2014-2016 | 0.57 (0.57-0.58) | 0.74 (0.73-0.75) |
| 2017-2019 | 0.73 (0.72-0.73) | 0.83 (0.83-0.84) |
| 2020 | 0.28 (0.27-0.29) | 0.31 (0.31-0.32) |
| Lifestyle factors |  |  |
| Overweight | 0.68 (0.66-0.71) |  |
| Obesity | 1.51 (1.48-1.53) |  |
| Smoking | 1.28 (1.24-1.32) |  |