**Supplementary Table 3** Multivariate Cox proportional hazard survival analyses for time to subsequent self-harm repetition during 2010–2016 for males and females.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | Male | | Female | |
| Hazard ratio  (95% CI) | *p* | Hazard ratio  (95% CI) | *p* |
| Number of drugs taken and class of drug taken in intentional drug overdose (IDO) (X60-X64) |  |  |  |  |
| No psychotropic, 2 drug | 1.03 (0.92-1.15) | 0.640 | 0.90 (0.81-0.99) | 0.033 |
| No psychotropic, 3 drug | 0.83 (0.68-1.02) | 0.071 | 0.75 (0.64-0.88) | 0.001 |
| No psychotropic, 4 drug | 1.02 (0.80-1.30) | 0.881 | 0.89 (0.72-1.10) | 0.294 |
| Psychotropic, 1 drug | 1.08 (0.99-1.16) | 0.071 | 1.04 (0.97-1.11) | 0.231 |
| Psychotropic, 2 drug | 1.17 (1.08-1.26) | <0.001 | 1.14 (1.06-1.22) | <0.001 |
| Psychotropic, 3 drug | 1.17 (1.06-1.29) | 0.002 | 1.18 (1.08-1.28) | <0.001 |
| Psychotropic, 4 drug | 1.30 (1.16-1.45) | <0.001 | 1.28 (1.17-1.41) | <0.001 |
| Self-cutting (X78) |  |  |  |  |
| Minor self-cutting | 1.37 (1.28-1.49) | <0.001 | 1.39 (1.30-1.48) | <0.001 |
| Severe self-cutting | 1.17 (1.07-1.32) | 0.002 | 1.33 (1.20-1.47) | <0.001 |
| Unknown severity self-cutting | 0.85 (0.75-0.99) | 0.032 | 1.42 (1.22-1.64) | <0.001 |
| Attempted hanging (X70) | 0.98 (0.90-1.07) | 0.625 | 1.15 (1.04-1.27) | 0.008 |
| Attempted drowning (X71) | 0.99 (0.87-1.11) | 0.808 | 1.03 (0.90-1.17) | 0.656 |
| Self-poisoning (X66-69) | 0.83 (0.70-0.97) | 0.021 | 0.88 (0.75-1.03) | 0.116 |
| Jumping from a height (X81) | 0.86 (0.72-1.03) | 0.096 | 1.02 (0.82-1.28) | 0.831 |
| Blunt object (X79) | 1.15 (0.95-1.40) | 0.142 | 1.33 (1.09-1.63) | 0.005 |
| Jumping in front of moving object (X81) | 0.94 (0.76-1.17) | 0.600 | 1.47 (1.12-1.93) | 0.005 |
| Crashing motor vehicle (X82) | 0.80 (0.57-1.12) | 0.199 | 0.96 (0.62-1.49) | 0.852 |
| Alcohol consumed | 1.00 (0.95-1.05) | 0.964 | 0.92 (0.88-0.97) | 0.001 |
| Age |  |  |  |  |
| <15yrs | 0.90 (0.73-1.11) | 0.336 | 1.21 (1.10-1.33) | <0.001 |
| 15-24yrs | 1.08 (1.01-1.15) | 0.030 | 0.93 (0.87-0.98) | 0.012 |
| 25-44yrs | 1 |  | 1 |  |
| 45-64yrs | 0.98 (0.90-1.05) | 0.528 | 0.91 (0.85-0.97) | 0.003 |
| 65+yrs | 0.53 (0.42-0.67) | <0.001 | 0.62 (0.52-0.74) | <0.001 |
| Self-harm history |  |  |  |  |
| 1 previous presentations | 2.36 (2.23-2.50) | <0.001 | 2.41 (2.28-2.54) | <0.001 |
| 2 previous presentations | 3.39 (3.15-3.66) | <0.001 | 3.65 (3.40-3.91) | <0.001 |
| 3 previous presentations | 4.47 (4.06-4.91) | <0.001 | 4.83 (4.42-5.28) | <0.001 |
| 4+ previous presentations | 8.55 (7.56-9.66) | <0.001 | 9.07 (8.25-9.98) | <0.001 |

Note: For all method of self-harm variables, the reference category is ‘no psychotropic, 1 drug’ IDO.