**Supplemental Table 6 - Post-hoc analysis of suicide methods by population density. Chi square value of the adjusted standardized residuals and p-value. Males and Females**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Males | | | Females | | |
| population density | | | population density | | |
| Densely-populated | Intermediate- density | Thinly-populated | Densely-populated | Intermediate- density | Thinly-populated |
| Hanging | ᵡ2 | 351.5 | 16.9 | 195.0 | 121.3 | 12.5 | 67.0 |
| p | <0.0001\* | <0.0001\* | <0.0001\* | <0.0001\* | 0.0004\* | <0.0001\* |
| Firearms | ᵡ2 | 12.2 | 1.2 | 5.0 | 5.6 | 0.0 | 7.1 |
| p | 0.0005\* | 0.2703 | 0.0249 | 0.0178 | 0.9814 | 0.0079 |
| Fall/jumping from a high place | ᵡ2 | 727.2 | 101.8 | 243.1 | 270.1 | 66.6 | 79.3 |
| p | <0.0001\* | <0.0001\* | <0.0001\* | <0.0001\* | <0.0001\* | <0.0001\* |
| Poisoning by carbon monoxide | ᵡ2 | 1.0 | 1.3 | 0.1 | 0.2 | 0.6 | 0.2 |
| p | 0.3169 | 0.2454 | 0.7881 | 0.6680 | 0.4459 | 0.6920 |
| Poisoning by drugs | ᵡ2 | 48.1 | 5.8 | 17.8 | 3.0 | 0.0 | 3.0 |
| p | <0.0001\* | 0.0164 | <0.0001\* | 0.0823 | 0.8727 | 0.0810 |
| Poisoning by other substances | ᵡ2 | 0.1 | 3.1 | 4.8 | 3.1 | 1.1 | 0.5 |
| p | 0.7589 | 0.0786 | 0.0282 | 0.0807 | 0.2930 | 0.4621 |
| Drowning | ᵡ2 | 17.0 | 4.9 | 2.7 | 74.2 | 40.0 | 5.4 |
| p | <0.0001\* | 0.0264 | 0.0982 | <0.0001\* | <0.0001\* | 0.0201 |
| Jumping/lying before moving object | ᵡ2 | 5.0 | 20.0 | 49.0 | 0.8 | 8.3 | 5.2 |
| p | 0.0258 | <0.0001\* | <0.0001\* | 0.3571 | 0.0039 | 0.0228 |
| Cutting and piercing | ᵡ2 | 0.7 | 1.7 | 5.1 | 0.9 | 2.7 | 0.7 |
| p | 0.3891 | 0.1928 | 0.0247 | 0.3396 | 0.0988 | 0.4073 |
| Other | ᵡ2 | 0.8 | 0.1 | 0.3 | 1.0 | 2.3 | 0.4 |
| p | 0.3693 | 0.7729 | 0.5687 | 0.3290 | 0.1293 | 0.5145 |

\*Significant after Bonferroni correction