Table 1. Spatial clusters of cases with high or low blood pressure in Nepal, 2022

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Clusters** | **Radius (km)** | **Number of Locations** | **Overlap With Clusters** | **Population** | **Observed Cases** | **Expected Cases** | **Relative Risk** | **Percent cases in the area** | **Log-Likelihood Ratio** | **P-Value** |
| C1 | 56.99 | 30 | 4, 9 | 866 | 349 | 467.41 | 0.73 | 40.3 | 34.75 | <0.001 |
| C2 | 34.12 | 19 | - | 519 | 354 | 280.12 | 1.28 | 68.2 | 22.65 | <0.001 |
| C3 | 67.90 | 59 | 6, 11, 23 | 1769 | 1085 | 954.79 | 1.16 | 61.3 | 22.41 | <0.001 |
| C4 | 40.84 | 22 | 1 | 580 | 235 | 313.05 | 0.74 | 40.5 | 22.03 | <0.001 |
| C5 | 35.14 | 19 | - | 629 | 266 | 339.49 | 0.78 | 42.3 | 18.06 | <0.001 |
| C6 | 27.11 | 14 | 3 | 462 | 310 | 249.36 | 1.25 | 67.1 | 17.01 | <0.001 |
| C7 | 34.83 | 9 | - | 272 | 186 | 146.81 | 1.27 | 68.4 | 11.95 | 0.005 |
| C8 | 40.26 | 12 | - | 345 | 143 | 186.21 | 0.76 | 41.4 | 11.14 | 0.010 |
| C9 | 17.16 | 2 | 1 | 77 | 22 | 41.56 | 0.53 | 28.6 | 10.23 | 0.023 |
| C10 | 44.26 | 24 | - | 646 | 403 | 348.67 | 1.16 | 62.4 | 9.78 | 0.033 |
| C11 | 59.63 | 24 | 3 | 671 | 417 | 362.16 | 1.16 | 62.1 | 9.61 | 0.043 |