**Table 8. Results from clustering analysis of gross migration rate of infected individuals, using the Scan Statistics.** Only clusters with P<0.05 were included.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Within-State GCMR** | | | **Between-State GCMR** | | | **Total GCMR** | | |
| **# of Clusters** | **Average radius of Clusters (Km)** | **Average Cluster Duration (Months)** | **# of Clusters** | **Average radius of Clusters (Km)** | **Average Cluster Duration (Months)** | **# of Clusters** | **Average radius of Clusters (Km)** | **Average Cluster Duration (Months)** |
| 2004 | 15 | 113.4361 | 4.139535 | 8 | 165.6022 | 4.894737 | 20 | 138.1568 | 2.924528 |
| 2005 | 17 | 141.1403 | 2.478261 | 10 | 47.15695 | 3.538462 | 20 | 129.3794 | 2.253731 |
| 2006 | 16 | 143.5039 | 2.484848 | 8 | 58.52188 | 4.583333 | 20 | 156.8719 | 2.388235 |
| 2007 | 19 | 126.7062 | 1.923077 | 9 | 73.50104 | 3.5625 | 21 | 45.77835 | 3.058824 |
| 2008 | 22 | 113.8305 | 2.133333 | 12 | 78.87233 | 2.447368 | 24 | 103.4592 | 2.208955 |
| 2009 | 17 | 88.26728 | 2.043478 | 14 | 967.411 | 1.028226 | 16 | 84.2052 | 2.875 |
| 2010 | 13 | 16.87456 | 2.533333 | 13 | 92.67335 | 3.666667 | 11 | 56.55111 | 2.866667 |
| 2011 | 10 | 72.00198 | 3.833333 | 9 | 186.3114 | 3.32 | 12 | 96.70428 | 3.043478 |
| 2012 | 14 | 141.6333 | 1.436364 | 10 | 92.57774 | 3.933333 | 14 | 70.99794 | 2.25 |
| 2013 | 18 | 42.71184 | 2.304348 | 7 | 65.13751 | 4.111111 | 21 | 37.78355 | 2.384615 |
| 2014 | 12 | 58.33724 | 3.5 | 8 | 115.6891 | 3.16 | 15 | 140.4471 | 2.538462 |
| 2015 | 8 | 77.8379 | 2.882353 | 8 | 282.7828 | 4.734694 | 9 | 73.51357 | 2.5 |
| 2016 | 4 | 105.007 | 3.5 | 4 | 44.60933 | 4.6 | 7 | 66.45162 | 1.6 |
| 2017 | 13 | 74.78122 | 2.24 | 6 | 168.4068 | 3.65 | 16 | 26.50098 | 2.263158 |
| 2018 | 11 | 91.29658 | 2.304348 | 8 | 262.0679 | 2.220588 | 12 | 56.58187 | 2.588235 |
| 2019 | 10 | 93.21121 | 3.047619 | 6 | 208.4433 | 4.954545 | 10 | 93.21121 | 2.952381 |
| 2020 | 5 | 0 | 2.6 | 4 | 0 | 4.75 | 5 | 0 | 3 |
| 2021 | 2 | 0 | 4 | 2 | 0 | 5 | 3 | 0 | 4 |
| 2022 | 1 | 0 | 4 | 5 | 0 | 3.2 | 1 | 0 | 4 |