| Average Members per Household (N)true1false | Population Size (N)true2false | Average Synthetic Clusters (N) | Average Estimated Clusters (N) | Cluster Number Error (RMSE)true3false | Cluster Size Error (RMSE)true3false |
| --- | --- | --- | --- | --- | --- |
| 4 | 100 | 10.3 | 22.4 | 12.1 | 1.2 |
| 5 | 100 | 10.4 | 18.3 | 7.9 | 0.5 |
| 6 | 100 | 10.3 | 15.7 | 5.5 | 0.7 |
| 5 | 1000 | 33.8 | 196.1 | 162.3 | 9.5 |
| 5 | 250 | 16.5 | 47.9 | 31.4 | 2.7 |
| 5 | 500 | 23.6 | 97.7 | 74.0 | 5.5 |
| *1*Model parameter for the average number of members in a household. |
| *2*Model parameter for the size of the population in which to simulate the spread of a pathogen. |
| *3*Square root of the mean of the squared difference between actual and estimated. |