**Table S2: Results of spatial scan statistics to detect clusters of anticoagulant rodenticide (AR) exposed fishers within each California fisher project.** Number of individual fisher minimum convex polygon (MCP) centroids used for each temporal period, specific AR types , generation class of AR and distribution of numbers of ARs per fisher (number of AR positive fishers per test in parentheses) are shown.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CA Fisher Project | Complete  MCP Centroids | Six-month  MCP Centroids | Three-month  MCP centroids | Individual AR | AR Generation | Multinomial | Monte-Carlo  Test statistic | Probability Level |
| HVRFP | 12 (8) | 8 (6) | 11(8) | BRD: 12 (8) | 1st generation: 12 (2)  2nd generation: 12 (8) | Multi: 12 | Complete: 3.600  6-month: 1.726  3-month: 2.287  BRD: 2.100  1st: 1.633  2nd: 2.100  Multi: 6.279 | 0.620  0.765  0.600  0.198  0.860  0.198  0.102 |
| SNAMP | 19 (18) | 19 (18) | 19 (18) | BRD: 19 (17)  BRM: 19 (10)  DIP:19 (3)  CHL: 19 (2) | 1st generation : 19 (4)  2nd generation : 19 (17) | Multi: 19 | Complete: 0.667  6-month: 0.667  3-month: 0.667  BRD: 1.361  BRM: 2.22  DIP: 5.692  CHL: 2.257  1st: 3.991  2nd: 1.361  Multi: 5.839 | 1.000  1.000  1.000  0.810  0.940  0.108  0.680  0.368  0.810  0.790 |
| KRFP | 11 (9) | 4 (4) | 9(6) | BRD: 11 (9)  BRM: 11 (2)  DIP:11 (2) | 1st generation : 11 (2)  2nd generation : 11 (9) | Multi: 11 | Complete: 1.368  3-month: 2.316  BRD: 1.368  BRM: 3.239  DIP: 3.239  1st: 3.239  2nd: 1.368  Multi: 6.244 | 0.860  0.550  0.860  0.570  0.570  0.570  0.860  0.160 |