**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: 3.6006-month: 1.7263-month: 2.287BRD: 2.1001st: 1.6332nd: 2.100Multi: 6.279 | 0.6200.7650.6000.1980.8600.1980.102 |
| 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: 0.6676-month: 0.6673-month: 0.667BRD: 1.361BRM: 2.22DIP: 5.692CHL: 2.2571st: 3.9912nd: 1.361Multi: 5.839 | 1.0001.0001.0000.8100.9400.1080.6800.3680.8100.790 |
| 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: 1.3683-month: 2.316BRD: 1.368BRM: 3.239DIP: 3.2391st: 3.2392nd: 1.368Multi: 6.244 | 0.8600.5500.8600.5700.5700.5700.8600.160 |