|  | **Recent Exposure** | | | **P. falciparum recent** | | | **P. vivax recent** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 |
| **LISA\_clust** |  |  | **<0.001** |  |  | **<0.001** |  |  | **<0.001** |
| Cold spot: 99% confidence | 243 (47.2%) | 75 (16.1%) |  | 0 (0.0%) | 0 (0.0%) |  | 243 (47.2%) | 73 (15.7%) |  |
| Cold spot: 95% confidence | 1 (0.2%) | 69 (14.8%) |  | 0 (0.0%) | 0 (0.0%) |  | 1 (0.2%) | 78 (16.8%) |  |
| Cold spot: 90% confidence | 4 (0.8%) | 43 (9.2%) |  | 3 (0.6%) | 0 (0.0%) |  | 3 (0.6%) | 21 (4.5%) |  |
| PSU Not significant | 113 (21.9%) | 162 (34.8%) |  | 464 (90.1%) | 453 (97.4%) |  | 113 (21.9%) | 192 (41.3%) |  |
| Hot spot: 90% confidence | 6 (1.2%) | 15 (3.2%) |  | 41 (8.0%) | 11 (2.4%) |  | 6 (1.2%) | 3 (0.6%) |  |
| Hot spot: 95% confidence | 54 (10.5%) | 11 (2.4%) |  | 7 (1.4%) | 0 (0.0%) |  | 65 (12.6%) | 5 (1.1%) |  |
| Hot spot: 99% confidence | 94 (18.3%) | 90 (19.4%) |  | 0 (0.0%) | 1 (0.2%) |  | 84 (16.3%) | 93 (20.0%) |  |

|  | **Historical Exposure** | | | **P. falciparum historical** | | | **P. vivax historical** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 | **BELEN**, N = 5151 | **INDIANA**, N = 4651 | **p-value**2 |
| **LISA\_clust** |  |  | **<0.001** |  |  | **<0.001** |  |  | **<0.001** |
| Cold spot: 99% confidence | 243 (47.2%) | 88 (18.9%) |  | 243 (47.2%) | 0 (0.0%) |  | 243 (47.2%) | 90 (19.4%) |  |
| Cold spot: 95% confidence | 1 (0.2%) | 55 (11.8%) |  | 0 (0.0%) | 0 (0.0%) |  | 0 (0.0%) | 32 (6.9%) |  |
| Cold spot: 90% confidence | 1 (0.2%) | 52 (11.2%) |  | 0 (0.0%) | 0 (0.0%) |  | 1 (0.2%) | 104 (22.4%) |  |
| PSU Not significant | 92 (17.9%) | 181 (38.9%) |  | 145 (28.2%) | 410 (88.2%) |  | 100 (19.4%) | 150 (32.3%) |  |
| Hot spot: 90% confidence | 33 (6.4%) | 1 (0.2%) |  | 5 (1.0%) | 31 (6.7%) |  | 22 (4.3%) | 0 (0.0%) |  |
| Hot spot: 95% confidence | 23 (4.5%) | 0 (0.0%) |  | 39 (7.6%) | 23 (4.9%) |  | 34 (6.6%) | 1 (0.2%) |  |
| Hot spot: 99% confidence | 122 (23.7%) | 88 (18.9%) |  | 83 (16.1%) | 1 (0.2%) |  | 115 (22.3%) | 88 (18.9%) |  |