|  | P. Falciparum Exposure | | | P. Vivax Exposure | | | Overall |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Negative, N = 3,8971 | Positive, N = 991 | p-value2 | Negative, N = 3,6831 | Positive, N = 3131 | p-value2 | N = 3,9961 |
| **Gender** |  |  | 0.083 |  |  | **<0.001** |  |
| Male | 2,007 (52%) | 60 (61%) |  | 1,839 (50%) | 228 (73%) |  | 2,067 (52%) |
| Female | 1,890 (48%) | 39 (39%) |  | 1,844 (50%) | 85 (27%) |  | 1,929 (48%) |
| **Age** |  |  | **0.017** |  |  | **<0.001** |  |
| [0-10) | 1,075 (28%) | 15 (15%) |  | 1,089 (30%) | 1 (0.3%) |  | 1,090 (27%) |
| [10-20) | 905 (23%) | 19 (19%) |  | 913 (25%) | 11 (3.5%) |  | 924 (23%) |
| [20-30) | 372 (9.6%) | 8 (8.2%) |  | 360 (9.8%) | 20 (6.4%) |  | 380 (9.5%) |
| [30-40) | 423 (11%) | 11 (11%) |  | 380 (10%) | 54 (17%) |  | 434 (11%) |
| [40-50) | 350 (9.0%) | 13 (13%) |  | 300 (8.2%) | 63 (20%) |  | 363 (9.1%) |
| [50-60) | 332 (8.5%) | 14 (14%) |  | 285 (7.8%) | 61 (20%) |  | 346 (8.7%) |
| [60-70) | 212 (5.5%) | 8 (8.2%) |  | 177 (4.8%) | 43 (14%) |  | 220 (5.5%) |
| [70+) | 219 (5.6%) | 10 (10%) |  | 170 (4.6%) | 59 (19%) |  | 229 (5.7%) |
| Missing | 9 | 1 |  | 9 | 1 |  | 10 |
| **Education Level** |  |  | **0.016** |  |  | **<0.001** |  |
| No schooling | 754 (19%) | 10 (10%) |  | 743 (20%) | 21 (6.7%) |  | 764 (19%) |
| Primary school | 1,866 (48%) | 59 (60%) |  | 1,723 (47%) | 202 (65%) |  | 1,925 (48%) |
| Secondary school | 1,176 (30%) | 30 (30%) |  | 1,117 (30%) | 89 (28%) |  | 1,206 (30%) |
| Higher education | 98 (2.5%) | 0 (0%) |  | 97 (2.6%) | 1 (0.3%) |  | 98 (2.5%) |
| Missing | 3 | 0 |  | 3 | 0 |  | 3 |
| **Economic Activities** |  |  | **0.001** |  |  | **<0.001** |  |
| Day labourer | 854 (22%) | 13 (13%) |  | 847 (23%) | 20 (6.4%) |  | 867 (22%) |
| Wood extractor | 30 (0.8%) | 3 (3.1%) |  | 27 (0.7%) | 6 (1.9%) |  | 33 (0.8%) |
| Fisherman | 25 (0.6%) | 2 (2.0%) |  | 20 (0.5%) | 7 (2.2%) |  | 27 (0.7%) |
| Livestock farmer | 72 (1.8%) | 3 (3.1%) |  | 62 (1.7%) | 13 (4.2%) |  | 75 (1.9%) |
| Farmer | 1 (<0.1%) | 0 (0%) |  | 1 (<0.1%) | 0 (0%) |  | 1 (<0.1%) |
| Trader | 873 (22%) | 37 (38%) |  | 723 (20%) | 187 (60%) |  | 910 (23%) |
| Housewife | 100 (2.6%) | 4 (4.1%) |  | 99 (2.7%) | 5 (1.6%) |  | 104 (2.6%) |
| Student | 656 (17%) | 16 (16%) |  | 619 (17%) | 53 (17%) |  | 672 (17%) |
| Motorcycle taxi driver | 1,128 (29%) | 19 (19%) |  | 1,136 (31%) | 11 (3.5%) |  | 1,147 (29%) |
| None | 21 (0.5%) | 0 (0%) |  | 20 (0.5%) | 1 (0.3%) |  | 21 (0.5%) |
| Other | 135 (3.5%) | 1 (1.0%) |  | 126 (3.4%) | 10 (3.2%) |  | 136 (3.4%) |
| Missing | 2 | 1 |  | 3 | 0 |  | 3 |
| **P. Falciparum Exposure** |  |  |  |  |  |  |  |
| Negative |  |  |  |  |  |  | 3,897 (98%) |
| Positive |  |  |  |  |  |  | 99 (2.5%) |
| **P. Vivax Exposure** |  |  |  |  |  |  |  |
| Negative |  |  |  |  |  |  | 3,683 (92%) |
| Positive |  |  |  |  |  |  | 313 (7.8%) |
| 1n (%) | | | | | | | |
| 2Fisher's Exact Test for Count Data; Fisher's Exact Test for Count Data with simulated p-value  (based on 2000 replicates) | | | | | | | |