**Supplementary Table 1.**

Results of logistic regression of the proportion of captures from a given species on the environment type. Only the *Sergentomyia* species were studied, the *Phlebotomus* captures being too rare. The “Isolated” environment was taken as the baseline. The effect of the environment is measured in terms of odds-ratio (OR) for the proportion of captures of the studied species. The *P-*values correspond to the test of the null hypothesis OR=1. Post-hoc tests were conducted, where the hypotheses tested are equality of two odds-ratios.

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Estimated value | 95% conf. interval | *P*-value |
| *Sergentomyia schwetzi* | | | |
| Farming | OR=3.14 | 2.49 - 3.94 | <2.0E-16 |
| Peridomiciliar | OR=4.99 | 3.97 - 6.27 | <2.0E-16 |
| Intradomiciliar | OR=1.39 | 1.08 - 1.80 | 0.042 |
| test peri = intra |  |  | <2.0E-16 |
| test peri = farming |  |  | 2.1E-06 |
| test intra = farming |  |  | 6.4E-12 |
| *Sergentomyia dubia* | | | |
| Farming | OR=3.91 | 2.41 - 6.33 | 5.9E-08 |
| Peridomiciliar | OR=10.58 | 6.68 - 16.75 | <2.0E-16 |
| Intradomiciliar | OR=55.50 | 35.14 - 87.66 | <2.0E-16 |
| test peri = intra |  |  | <2.0E-16 |
| test peri = farming |  |  | 1.4E-13 |
| test intra = farming |  |  | <2.0E-16 |
| *Sergentomyia antennata* | | | |
| Farming | OR=2.11 | 0.82 - 5.41 | 0.34 |
| Peridomiciliar | OR=0.13 | 0.016 - 1.11 | 0.19 |
| Intradomiciliar | OR=0.16 | 0.019 - 1.34 | 0.27 |
| test peri = intra |  |  | 1.00 |
| test peri = farming |  |  | 0.033 |
| test intra = farming |  |  | 0.054 |
| *Sergentomyia magna* | | | |
| Farming | OR=35.4 | 13.0 - 96.0 | 4.9E-12 |
| Peridomiciliar | OR=23.3 | 8.53 - 63.5 | 1.6E-09 |
| Intradomiciliar | OR=19.25 | 7.00 - 52.97 | 2.0E-08 |
| test peri = intra |  |  | 0.62 |
| test peri = farming |  |  | 0.0094 |
| test intra = farming |  |  | 0.00031 |
| *Sergentomyia clydei* | | | |
| Farming | OR=2.32 | 1.62 - 3.32 | 0.000017 |
| Peridomiciliar | OR=1.17 | 0.79 - 1.74 | 0.85 |
| Intradomiciliar | OR=0.25 | 0.13 - 0.49 | 0.00015 |
| test peri = intra |  |  | 6.5E-06 |
| test peri = farming |  |  | 0.00010 |
| test intra = farming |  |  | 1.3E-12 |
| *Sergentomyia adleri* | | | |
| Farming | OR=1.00 | 0.67 - 1.48 | 1.00 |
| Peridomiciliar | OR = 0.43 | 0.26 - 0.70 | 0.0034 |
| Intradomiciliar | OR=0.16 | 0.0074 - 0.34 | 0.000055 |
| test peri = intra |  |  | 0.059 |
| test peri = farming |  |  | 0.0021 |
| test intra = farming |  |  | 3.7E-06 |
| *Sergentomyia buxtoni* | | | |
| Farming | OR=0.063 | 0.049 - 0.081 | <2.0E-16 |
| Peridomiciliar | OR=0.018 | 0.012 - 0.027 | <2.0E-16 |
| Intradomiciliar | OR=0.020 | 0.013 - 0.030 | <2.0E-16 |
| test peri = intra |  |  | 0.98 |
| test peri = farming |  |  | 3.0E-09 |
| test intra = farming |  |  | 1.8E-07 |