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| --- | --- | --- | --- |
| Table 2: Negative Binomial Model of the Ratio of Eggs Laid Per Week Per Female Insect | | | |
| Variables | Ratio of Eggs Laid Per Week (95% CI) | Std. Error | P-Value |
| Infected | 1.734 ( 1.464 - 2.052 ) | 0.084 | 5.81x10-11\*\*\* |
| Temperature and Humidity Principal Component 1 (PC1) | 0.771 ( 0.712 - 0.834 ) | 0.038 | 7.94 x10-12\*\*\* |
| PC2 | 0.506 ( 0.416 - 0.615 ) | 0.097 | 1.76 x10-12\*\*\* |
| PC3 | 0.576 ( 0.324 - 1.039 ) | 0.237 | 0.02\* |
| Pilot | 111.081 ( 82.577 - 150.511 ) | 0.162 | 1.93 x10-185\*\*\* |
| Repetition 1 | 28.113 ( 23.02 - 34.499 ) | 0.105 | 5.44 x10-220\*\*\* |
| Repetition 2 | 21.695 ( 16.946 - 27.85 ) | 0.132 | 7.78 x10-120\*\*\* |
| Theta | 1.55 | 0.109 | - |
| 2x Log Likelihood | -4181 | - | - |
| AIC | 4198 | - | - |