|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table Y: Outputs from Models of Egg Rate | | | | |
| Model 1: Negative Binomial Model of Eggs Laid Per Week of Life | | | | |
| Variable | **Incidence Rate Ratio** | **Std. Err.** | **95% Confidence Interval** | **P-Value** |
| Infection | 1.415429 | 0.1692587 | 1.119697 – 1.78927 | 0.004\*\* |
| Average Low Temperature |  |  |  |  |
| Average Low Humidity |  |  |  |  |
| Constant |  |  |  |  |
| Model 2: Negative Binomial Model | | | | |
| Variable | **Incidence Rate Ratio** | **Std. Err.** | **95% Confidence Interval** | **P-Value** |
| Infection |  |  |  |  |
| Principle Component 1 |  |  |  |  |
| Principle Component 2 |  |  |  |  |
| Principle Component 3 |  |  |  |  |
| Constant |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table Z: Outputs from Models of Hatch Rate | | | | |
| Model 1: Negative Binomial Model of Eggs Laid Per Egg Laid | | | | |
| Variable | **Incidence Rate Ratio** | **Std. Err.** | **95% Confidence Interval** | **P-Value** |
| Infection |  |  |  |  |
| Lifespan |  |  |  |  |
| Average Low Temperature |  |  |  |  |
| Average Low Humidity |  |  |  |  |
| Constant |  |  |  |  |
| Model 2: Negative Binomial Model | | | | |
| Variable | **Incidence Rate Ratio** | **Std. Err.** | **95% Confidence Interval** | **P-Value** |
| Infection |  |  |  |  |
| Lifespan |  |  |  |  |
| Principle Component 1 |  |  |  |  |
| Principle Component 2 |  |  |  |  |
| Principle Component 3 |  |  |  |  |
| Constant |  |  |  |  |