|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Catalase** | | | | | |
| **Predictors** | **Estimates** | **SE** | **SEadj** | **z** | **p value** |
| (Intercept) | 1,386 | 134.5 | 141.5 | 9.80 | **< 0.001 \*\*\*** |
| Sperm | -1.10E-5 | 2.02E-5 | 2.10E-5 | 0.529 | 0.597 |
| Carbohydrates | 9,829 | 18,200 | 18,820 | 0.522 | 0.602 |
| **Peroxidase** | | | | | |
| **Predictors** | **Estimates** | **SE** | **SEadj** | **z** | **p value** |
| (Intercept) | 1.25 | 0.479 | 0.501 | 2.50 | **0.0123** |
| Symbiotic State | 0.658 | 0.622 | 0.644 | 1.02 | 0.307 |
| **Antibacterial Activity** | | | | | |
| **Predictors** | **Estimates** | **SE** | **SEadj** | **z** | **p value** |
| (Intercept) | 3.35 | 0.187 | 0.196 | 17.2 | **< 0.001 \*\*\*** |
| Carbohydrates | 13.5 | 20.3 | 20.9 | 0.647 | 0.518 |
| Lipids | 5.32 | 15.0 | 15.5 | 0.343 | 0.732 |
| **Melanin** | | | | | |
| **Predictors** | **Estimates** | **SE** | **SEadj** | **z** | **p value** |
| (Intercept) | 5.01-5 | 1.92E-5 | 2.06E-5 | 2.44 | **< 0.001 \*\*\*** |
| Carbohydrates | 5.08E-3 | 2.11E-3 | 2.29E-3 | 2.22 | **0.026\*** |
| Lipids | -1.24E-5 | 1.77E-5 | 1.83E-5 | 0.675 | 0.500 |