Summarized fixed effects for the food brushing GLMM (n = 575 events by animals with known rank) as an analysis of deviance table (Type II Wald Chi Square Tests).

|  |  |  |  |
| --- | --- | --- | --- |
| **Fixed Effect** | **𝛸2** | **Degrees of Freedom** | **p (one sided)** |
| Grit treatment | 194.67 | 2 | **p < 0.0001** |
| Ordinal rank \* grit treatment | 2.45 | 2 | 0.29 |
| Sex | 0.24 | 1 | 0.62 |
| Ordinal rank | 0.21 | 1 | 0.65 |