Summarized fixed effects for the food washing GLMM (n = 362 events by animals with known rank) as an analysis of deviance table (Type II Wald Chi Square Tests) for the model that included just a linear ordinal rank term.

|  |  |  |  |
| --- | --- | --- | --- |
| **Fixed Effect** | **𝛸2**  | **Degrees of Freedom** | **p (one sided)** |
| Grit treatment | 66.44 | 2 | **p < 0.0001** |
| Ordinal rank\* grit treatment | 18.54 | 2 | **p <0.0001** |
| Ordinal rank | 0.06 | 1 | 0.80 |
| Sex  | 0.06 | 1 | 0.81 |