|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Factor | Inference Method | Test | Interaction? | *F* | *p* |
|  | | | | | |
| 1. *Alpha Diversity* | | | | | |
| Species | Shannon Diversity Index | Linear Mixed Model | No | 0.604 | 0.449 |
| Diet & Habitat | Shannon Diversity Index | Linear Mixed Model | Yes | 0.098 | 0.757 |
| Diet | Shannon Diversity Index | Linear Mixed Model | No | 1.678 | 0.205 |
| Habitat | Shannon Diversity Index | Linear Mixed Model | No | 0.297 | 0.589 |
|  | | | | | |
| 1. *Beta Diversity* | | | | | |
| Species | Bray-Curtis Dissimilarity | PERMANOVA | No | 3.527 | 0.001 |
| Diet & Habitat | Bray-Curtis Dissimilarity | PERMANOVA | Yes | 1.369 | 0.097 |
| Diet | Bray-Curtis Dissimilarity | PERMANOVA | No | 1.861 | 0.011 |
| Habitat | Bray-Curtis Dissimilarity | PERMANOVA | No | 2.874 | 0.000 |