**Supplemental Table 2. Linear mixed-effects model results for soil pH treatment, enclosure type, and their interactions on invertebrate abundances and overall invertebrate diversity collected on day 0 and day 91.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Invertebrate group | Day | Source of variation | χ2 | *P* |
| Collembola | 0 | Soil pH treatment | 0.537 | 0.464 |
|  |  | Enclosure type | 33.054 | **<0.001** |
|  |  | Soil pH x enclosure | 0.675 | 0.713 |
|  | 91 | Soil pH treatment | 0.465 | 0.496 |
|  |  | Enclosure type | 6.714 | **0.035** |
|  |  | Soil pH x enclosure | 0.606 | 0.739 |
| Diptera | 0 | Soil pH treatment | 0.992 | 0.319 |
|  |  | Enclosure type | 17.102 | **<0.001** |
|  |  | Soil pH x enclosure | 0.473 | 0.789 |
|  | 91 | Soil pH treatment | 0.001 | 0.978 |
|  |  | Enclosure type | 46.594 | **<0.001** |
|  |  | Soil pH x enclosure | 0.951 | 0.621 |
| Acari | 0 | Soil pH treatment | 0.223 | 0.637 |
|  |  | Enclosure type | 18.280 | **<0.001** |
|  |  | Soil pH x enclosure | 0.708 | 0.702 |
|  | 91 | Soil pH treatment | 0.732 | 0.392 |
|  |  | Enclosure type | 2.068 | 0.356 |
|  |  | Soil pH x enclosure | 10.079 | **0.006** |
| Araneae | 0 | Soil pH treatment | 0.396 | 0.529 |
|  |  | Enclosure type | 158.341 | **<0.001** |
|  |  | Soil pH x enclosure | 9.962 | **0.007** |
|  | 91 | Soil pH treatment | 0.324 | 0.569 |
|  |  | Enclosure type | 46.541 | **<0.001** |
|  |  | Soil pH x enclosure | 5.786 | 0.055 |
| Coleoptera | 0 | Soil pH treatment | 0.018 | 0.892 |
|  |  | Enclosure type | 102.318 | **<0.001** |
|  |  | Soil pH x enclosure | 0.523 | 0.770 |
|  | 91 | Soil pH treatment | 0.832 | 0.362 |
|  |  | Enclosure type | 58.254 | **<0.001** |
|  |  | Soil pH x enclosure | 0.094 | 0.954 |
| Overall Diversity | 0 | Soil pH treatment | 0.144 | 0.704 |
|  |  | Enclosure type | 59.079 | **<0.001** |
|  |  | Soil pH x enclosure | 1.260 | 0.533 |
|  | 91 | Soil pH treatment | 1.288 | 0.257 |
|  |  | Enclosure type | 32.824 | **<0.001** |
|  |  | Soil pH x enclosure | 1.828 | 0.401 |
|  |  |  |  |  |