|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Treatment Model 1 | Treatment Model 2 | Treatment Model 3 | Treatment Model 4 | |
| **(Intercept)** | 0.0712 | 0.0314 \*\* | 0.1128 \* | 0.0094 \*\* | |
|  | (-1.8335, p = 0.0667) | (-2.9061, p = 0.0037) | (-1.9935, p = 0.0462) | (-2.9878, p = 0.0028) | |
| **Mammal Shannon diversity** | 1.6536 | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | 4.3958 | |
|  | (0.4357, p = 0.6630) | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | (1.2957, p = 0.1951) | |
| **Lizard pop.** | \_\_\_\_\_\_\_\_ | 1.0144 \* | \_\_\_\_\_\_\_\_ | 1.0163 \* | |
|  | \_\_\_\_\_\_\_\_ | (2.2397, p = 0.0251) | \_\_\_\_\_\_\_\_ | (2.5622, p = 0.0104) | |
| **Mammal pop.** | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | 0.9980 | 0.9857 | |
|  | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | (-0.1003, p = 0.9201) | (-0.7591, p = 0.4478) | |
| **N** | 366 | 366 | 366 | 366 | |
| **N (PlotID)** | 13 | 13 | 13 | 13 | |
| **N (Month)** | 12 | 12 | 12 | 12 | |
| **N (Rain year)** | 5 | 5 | 5 | 5 | |
| **AIC** | 901.9210 | **897.8106** | 902.1036 | 900.1633 | |
| **BIC** | 925.3368 | **921.2264** | 925.5194 | 931.3844 | |
| **R2 (fixed)** | 0.0014 | **0.0308** | 0.0001 | 0.0387 | |
| **R2 (total)** | 0.7826 | **0.7824** | 0.7823 | 0.7820 | |
| \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. | | | | |