|  |  |  |  |
| --- | --- | --- | --- |
|  | Aridity Model 3 | Treatment Model 2 | Combination Model 5 |
| **(Intercept)** | **0.001 \*\*\*** | **0.031 \*\*** | **0.023 \*** |
|  | (θ = -4.542,  95% CI [0.000, 0.024],  p = 0.000) | (θ = -2.906,  95% CI [0.003, 0.324],  p = 0.004) | (θ = -2.327,  95% CI [0.001, 0.550],  p = 0.020) |
| **Temp. difference** | 1.366 \*\*\* | \_\_\_\_\_\_\_\_ | 1.077 |
|  | (4.224,  95% CI [1.182, 1.578],  p = 0.000) | \_\_\_\_\_\_\_\_ | (0.755,  95% CI [0.889, 1.304],  p = 0.451) |
| **Lizard pop.** | \_\_\_\_\_\_\_\_ | **1.014 \*** | \_\_\_\_\_\_\_\_ |
|  | \_\_\_\_\_\_\_\_ | (2.240,  95% CI [1.002, 1.027],  p = 0.025) | \_\_\_\_\_\_\_\_ |
| **Site Interm.** | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | **0.029 \*\*** |
|  | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | (-2.605,  95% CI [0.002, 0.417],  p = 0.009) |
| **Temp.diff.\*Site Interm** | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | **1.366 \*\*\*** |
|  | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_ | (3.307, 95% CI [1.135, 1.643],  p = 0.001) |
| **N** | 366 | 366 | 366 |
| **N (PlotID)** | 13 | 13 | 13 |
| **N (Month)** | 12 | 12 | 12 |
| **N (Rain Year)** | 5 | 5 | 5 |
| **AIC** | 884.760 | 897.811 | **875.835** |
| **BIC** | 908.176 | 921.226 | **907.056** |
| **R2 (fixed)** | 0.072 | 0.031 | **0.085** |
| **R2 (total)** | 0.773 | 0.782 | **0.790** |
| \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. | | | |