|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Aridity Model 1 | | Aridity Model 2 | | Aridity Model 3 | | Aridity Model 4 | | Aridity Model 5 | |
| **(Intercept)** | 0.0028 \*\*\* | | 0.0574 \* | | 0.0015 \*\*\* | | 0.1279 \* | | 0.0000 \*\*\* | |
|  | (-3.6697, p = 0.0002) | | (-2.3214, p = 0.0203) | | (-4.5422, p = 0.0000) | | (-2.0067, p = 0.0448) | | (-4.2616, p = 0.0000) | |
| **Mean max temp.** | 1.1832 \*\*\* | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | 1.5286 \*\*\* | |
|  | (3.3338, p = 0.0009) | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | (4.5692, p = 0.0000) | |
| **Mean min temp.** | \_\_\_\_\_\_\_\_ | | 1.0875 | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | 0.8027 | |
|  | \_\_\_\_\_\_\_\_ | | (1.1511, p = 0.2497) | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | (-1.8669, p = 0.0619) | |
| **Temp. difference** | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | 1.3658 \*\*\* | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | |
|  | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | (4.2238, p = 0.0000) | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | |
| **Monthly precipitation (mm)** | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | 0.9954 | | 1.0162 \* | |
|  | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_ | | (-1.0686, p = 0.2852) | | (2.1506, p = 0.0315) | |
| **N** | | 366 | | 366 | | 366 | | 366 | | 366 | | |
| **N (PlotID)** | | 13 | | 13 | | 13 | | 13 | | 13 | | |
| **N (Month)** | | 12 | | 12 | | 12 | | 12 | | 12 | | |
| **N (Rain year)** | | 5 | | 5 | | 5 | | 5 | | 5 | | |
| **AIC** | | 890.5546 | | 900.8370 | | **884.7602** | | 901.0057 | | 883.8409 | | |
| **BIC** | | 913.9704 | | 924.2528 | | **908.1760** | | 924.4215 | | 915.0619 | | |
| **R2 (fixed)** | | 0.1047 | | 0.0161 | | **0.0718** | | 0.0049 | | 0.1369 | | |
| **R2 (total)** | | 0.8359 | | 0.8001 | | **0.7726** | | 0.7703 | | 0.8612 | | |
| \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. | | | | | | | | | | | |