|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Comparison** | **Test Type** | **F- value** | **df (between- groups)** | **df (within- groups)** | **Effect size (η²)** | **p-value** | **Significance** |
| Percent Colonization by Total Dry Biomass | ANOVA | 0.042 | 1 | 66 | 0.00064 | 0.838 | Not significant |
| Plant Transpiration Rate by Species | ANOVA | 2.128 | 5 | 1771 | 0.00596 | 0.0595 | Significant |
| Drought Plants’ Transpiration Rate Before Dry Down by Species | ANOVA | 2.905 | 5 | 907 | 0.0158 | 0.0131 | Significant |
| Drought Plants’ Transpiration Rate On Day 6 of Drought by Species | ANOVA | 0.861 | 5 | 30 |  | 0.519 | Not Significant |
| Percent Colonization by Species | ANOVA | 14.6 | 5 | 83 | 0.47 | 2.98e-10 | Significant |
| Root to Shoot Ratio by Species | ANOVA | 1.309 | 5 | 83 | 0.073 | 0.268 | Not significant |
| Root to Shoot Ratio by Treatment | ANOVA | 0.435 | 1 | 87 | 0.005 | 0.511 | Not significant |
| Root to Shoot Ratio by Species:Treatment | ANOVA | 1.383 | 5 | 77 | 0.073 | 0.240 | Not significant |
| Root Dry Weight by Species | ANOVA | 1.166 | 5 | 83 | 0.0656 | 0.333 | Not significant |
| Root Dry Weight by Treatment | ANOVA | 0.061 | 1 | 87 | 0.00075 | 0.806 | Not significant |
| Root Dry Weight by Species:Treatment | ANOVA | 0.800 | 5 | 77 | 0.051 | 0.553 | Not significant |
| Root Fresh Weight by Species | ANOVA | 1.495 | 5 | 81 | 0.085 | 0.201 | Not significant |
| Root Fresh Weight by Treatment | ANOVA | 0.311 | 1 | 85 | 0.004 | 0.578 | Not significant |
| Root Fresh Weight by Species:Treatment | ANOVA | 0.554 | 5 | 75 | 0.036 | 0.735 | Not significant |
| Shoot Dry Weight by Species | ANOVA | 2.499 | 5 | 83 | 0.130 | 0.037 | Significant  (RP-R+S,  SP-R+S) |
| Shoot Dry Weight by Treatment | ANOVA | 0.296 | 1 | 87 | 0.003 | 0.588 | Not significant |
| Shoot Dry Weight by Species:Treatment | ANOVA | 0.732 | 5 | 77 | 0.039 | 0.6017 | Not significant |
| Shoot Fresh Weight by Species | ANOVA | 2.615 | 5 | 83 | 0.136 | 0.0302 | Significant |
| Shoot Fresh Weight by Treatment | ANOVA | 0.206 | 1 | 87 | 0.002 | 0.651 | Not significant |
| Shoot Fresh Weight by Species:Treatment | ANOVA | 0.628 | 5 | 77 | 0.034 | 0.6788 | Not significant |
| Stem Diameter by Species | ANOVA | 0.639 | 5 | 83 | 0.037 | 0.671 | Not significant |
| Stem Diameter by Treatment | ANOVA | 2.184 | 1 | 87 | 0.025 | 2.184 | Not significant |
| Stem Diameter by Species:Treatment | ANOVA | 0.343 | 5 | 77 | 0.0204 | 0.885 | Not significant |
| Root Moisture Content by Species | ANOVA | 0.951 | 5 | 83 | 0.0542 | 0.453 | Not significant |
| Root Moisture Content by Treatment | ANOVA | 0.018 | 1 | 87 | 0.0001 | 0.894 | Not significant |
| Root Moisture Content by Species:Treatment | ANOVA | 0.494 | 5 | 77 | 0.0294 | 0.780 | Not significant |
| Shoot Moisture Content by Species | ANOVA | 1.624 | 5 | 83 | 0.089 | 0.163 | Not significant |
| Shoot Moisture Content by Treatment | ANOVA | 7.289 | 1 | 87 | 0.77 | 0.0083 | Significant |
| Shoot Moisture Content by Species:Treatment | ANOVA | 0.208 | 5 | 77 | 0.0111 | 0.9584 | Not significant |
| Total Dry Biomass by Species | ANOVA | 1.769 | 5 | 83 | 0.0963 | 0.128 | Not significant |
| Total Dry Biomass by Treatment | ANOVA | 0.213 | 1 | 87 | 0.0024 | 0.645 | Not significant |
| Total Dry Biomass by Species:Treatment | ANOVA | 0.639 | 5 | 77 | 0.0359 | 0.671 | Not significant |
| Final Weight by Species | ANOVA | 1.078 | 5 | 83 | 0.0610 | 0.379 | Not significant |
| Final Weight by Treatment | ANOVA | 24.68 | 1 | 87 | 0.2210 | 3.36e-06 | Significant |
| Final Weight by Species:Treatment | ANOVA | 0.788 | 5 | 77 | 0.048 | 0.562 | Not significant |
| Leaf Surface Area by Species | ANOVA | 0.838 | 5 | 80 | 0.050 | 0.527 | Not significant |
| Leaf Surface Area by Treatment | ANOVA | 0.519 | 1 | 84 | 0.006 | 0.473 | Not significant |
| Leaf Surface Area by Species:Treatment | ANOVA | 0.732 | 5 | 74 | 0.047 | 0.602 | Not significant |