|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table xx**. Pairwise comparisons for roots of axenic strawberry plants exposed to four inoculum (dry, moderate, wet source environments and an uninoculated control) and three water treatments. Time comparisons are periods before (T0) and 47 days after (T1) water treatments were initiated. | | | | | | |
| *Inoculum  Treatment* | *Pairwise comparison*  *Water-by-Time* | *df* | *SS* | *F* | *R2* | *Adjusted  p-value* |
| Dry Inoculum | Low *vs*. Moderate | 1 | 0.582 | 1.568 | 0.061 | 0.150 |
|  | Low *vs*. High | 1 | 0.407 | 1.172 | 0.048 | 0.318 |
|  | Low *vs*. T0 | 1 | 2.564 | 9.272 | 0.271 | **0.004** |
|  | Moderate *vs*. High | 1 | 0.418 | 1.079 | 0.045 | 0.318 |
|  | Moderate *vs*. T0 | 1 | 2.401 | 7.652 | 0.234 | **0.004** |
|  | High *vs*. T0 | 1 | 2.677 | 9.282 | 0.279 | **0.004** |
|  |  |  |  |  |  |  |
| Moderate Inoculum | Low *vs*. Moderate | 1 | 1.485 | 4.093 | 0.170 | **0.001** |
|  | Low *vs*. High | 1 | 0.970 | 2.343 | 0.105 | **0.001** |
|  | Low vs. T0 | 1 | 2.191 | 10.110 | 0.280 | **0.001** |
|  | Moderate *vs*. High | 1 | 1.061 | 2.573 | 0.097 | **0.001** |
|  | Moderate *vs*. T0 | 1 | 3.681 | 15.232 | 0.337 | **0.001** |
|  | High *vs*. T0 | 1 | 3.040 | 11.020 | 0.269 | **0.001** |
|  |  |  |  |  |  |  |
| Wet Inoculum | Low *vs*. Moderate | 1 | 1.132 | 3.242 | 0.124 | **0.003** |
|  | Low *vs*. High | 1 | 0.635 | 1.701 | 0.082 | **0.029** |
|  | Low *vs*. T0 | 1 | 1.379 | 4.878 | 0.196 | **0.003** |
|  | Moderate *vs*. High | 1 | 0.826 | 2.371 | 0.097 | **0.022** |
|  | Moderate *vs*. T0 | 1 | 2.711 | 10.017 | 0.303 | **0.003** |
|  | High *vs*. T0 | 1 | 2.094 | 7.530 | 0.284 | **0.003** |
|  |  |  |  |  |  |  |
| Control Inoculum | Low *vs*. Moderate | 1 | 1.104 | 4.020 | 0.174 | **0.002** |
|  | Low *vs*. High | 1 | 0.744 | 2.263 | 0.102 | **0.007** |
|  | Low *vs*. T0 | 1 | 1.539 | 6.194 | 0.192 | **0.002** |
|  | Moderate *vs*. High | 1 | 0.973 | 3.045 | 0.127 | **0.002** |
|  | Moderate *vs*. T0 | 1 | 2.541 | 10.400 | 0.278 | **0.002** |
|  | High *vs*. T0 | 1 | 2.091 | 7.359 | 0.208 | **0.002** |
| PERMANOVA generated from 999 permutations and Bray-Curtis dissimilarity, with pairwise comparisons using ‘pairwise.adonis’ in the package vegan. *df* = degrees of freedom; *SS* = sum of squares. Significant effects (*p*<0.05) are in bold, with a Hochberg correction applied for multiple comparisons | | | | | | |