|  |  |  |  |  |  |  |
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| **Table S7**. ANOVA results testing differences in Shannon diversity of fungi associated with different plant tissue type (shoots, roots) and the effects inoculum (three inoculation sources and an uninoculated control) and water treatments. Time represents before (T0, 104 days post-inoculation) and 47 days after (T1, 151 days post-inoculation) the start of three water availability treatments (low, moderate, high). | | | | | | |
| *Response metric* | *Effect* | *SS* | *df* | *F* | *p-value* |
| Time-0: shoots | Inoculum | 0.412 | 3 | 0.754 | 0.525 |
|  | Residuals | 10.572 | 58 |  |  |
|  |  |  |  |  |  |
| Time-1: shoots | Water | 2.229 | 2 | 12.320 | **<0.001** |
|  | Inoculum | 1.244 | 3 | 4.585 | **0.004** |
|  | Water:Inoculum | 0.289 | 6 | 0.533 | 0.782 |
|  | Residuals | 11.668 | 129 |  |  |
|  |  |  |  |  |  |
| Time-1: roots | Water | 0.036 | 2 | 0.310 | 0.734 |
|  | Inoculum | 22.031 | 3 | 125.603 | **<0.001** |
|  | Water:Inoculum | 0.595 | 6 | 1.696 | 0.127 |
|  | Residuals | 7.659 | 131 |  |  |
| ANOVA table generated from Type-II sum of squares using *car* package in R. *SS* = sum of squares; *df* = degrees of freedom. Significant effects (p<0.05) are in bold. | | | | | | |