|  |  |  |  |  |  |  |
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| **Table S5**. ANOVA results testing differences in Shannon diversity of fungal microbiomes 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 (Time-0, T0) and after 47 days after (Time-1, T1) the start of three water availability regimes (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. | | | | | | |