|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table 3**. PERMANOVA testing inoculation sources and water treatment effects on plant-associated fungal microbiomes in root and shoot biomass. | | | | | | |
| *Response metric* | *Effect* | *df* | *SS* | *R2* | *F* | *p-value* | |
| Shoot fungal microbiome | Water | 2 | 4.544 | 0.089 | 8.536 | **0.001** | |
|  | Inoculation | 3 | 10.005 | 0.196 | 12.530 | **0.001** | |
|  | Water:Inoculation | 6 | 2.075 | 0.041 | 1.300 | **0.002** | |
|  | Residual | 129 | 34.334 | 0.674 |  |  | |
|  | Total | 140 | 50.958 | 1.000 |  |  | |
|  |  |  |  |  |  |  | |
| Root fungal microbiome | Water | 2 | 1.965 | 0.038 | 4.931 | **0.001** | |
|  | Inoculation | 3 | 21.907 | 0.422 | 36.648 | **0.001** | |
|  | Water:Inoculation | 6 | 1.940 | 0.037 | 1.623 | **0.002** | |
|  | Residual | 131 | 26.102 | 0.503 |  |  | |
|  | Total | 142 | 51.913 | 1.000 |  |  | |
| PERMANOVA table generated from 999 permutations and Bray-Curtis dissimilarity. *df* = degrees of freedom; *SS* = sum of squares. Significant effects (p<0.05) are in bold. | | | | | | |