**Supplementary Table 2 The abundance of rhizosphere soils in soil treatment and moisture treatment groups**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Soil treatment** | **PD\_whole\_tree** | **Chao1** | **Goods\_coverage** | **Observed\_species** |
| Mann-Whitney U | 24 | 0.001 | 0.005 | 0.002 |
| Sig. | 0.003 | 0.002 | 0.00 | 0.001 |
| moisture |  | | | |
| chi-square | 10.5 | 5.059 | 5.209 | 4.108 |
| Sig. | 0.005 | 0.08 | 0.074 | 0.128 |