



Fig. S3 Alpha-diversity indexes of the soil microbial community under different rain treatments.

(a) Chao1 index. (b) Simpson index. P-values were calculated using the Kruskal-Wallis test, and asterisks indicate significant differences between groups (post-hoc Dunn's test; $p \leq 0.05$, $*p \leq 0.01$, $**p \leq 0.001$).