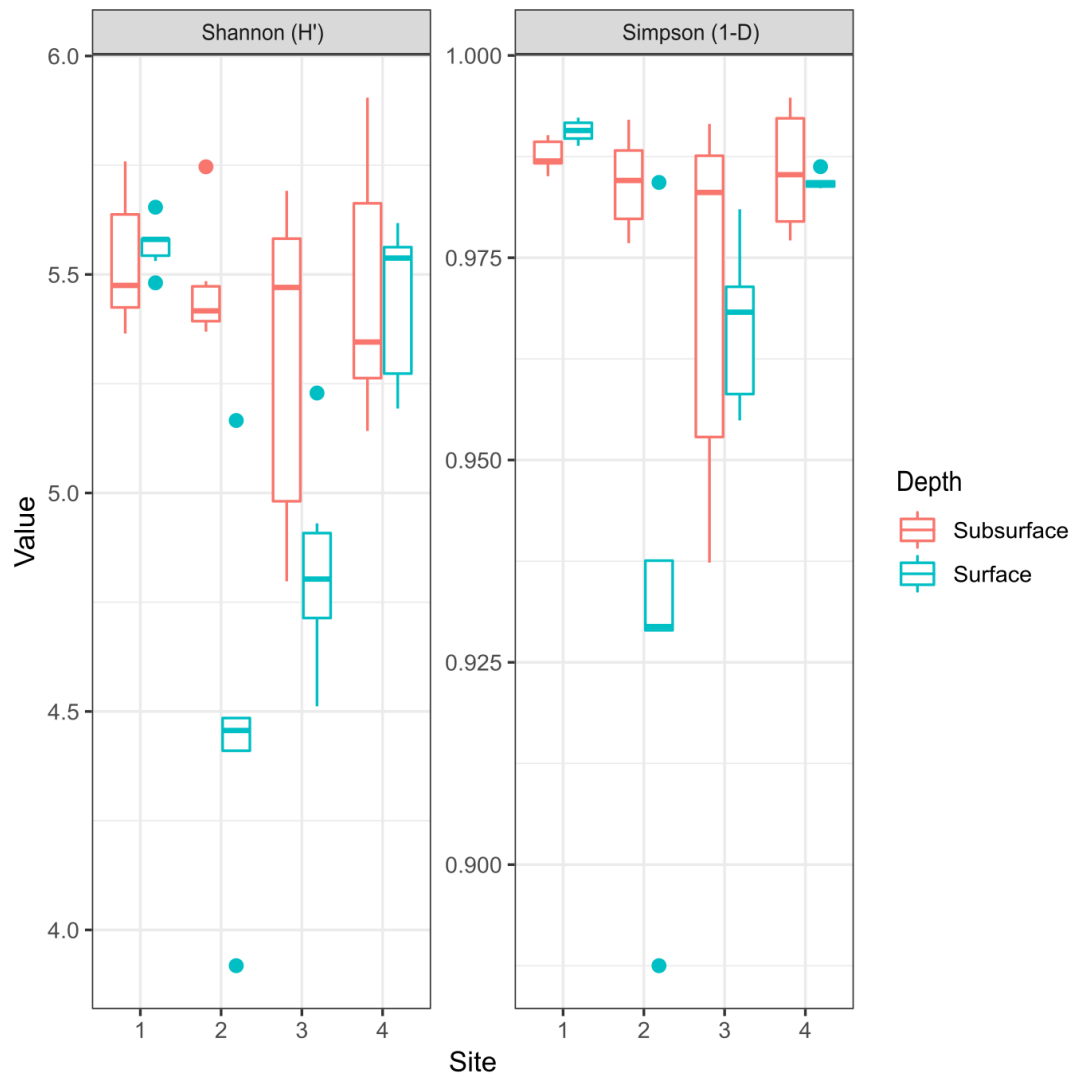
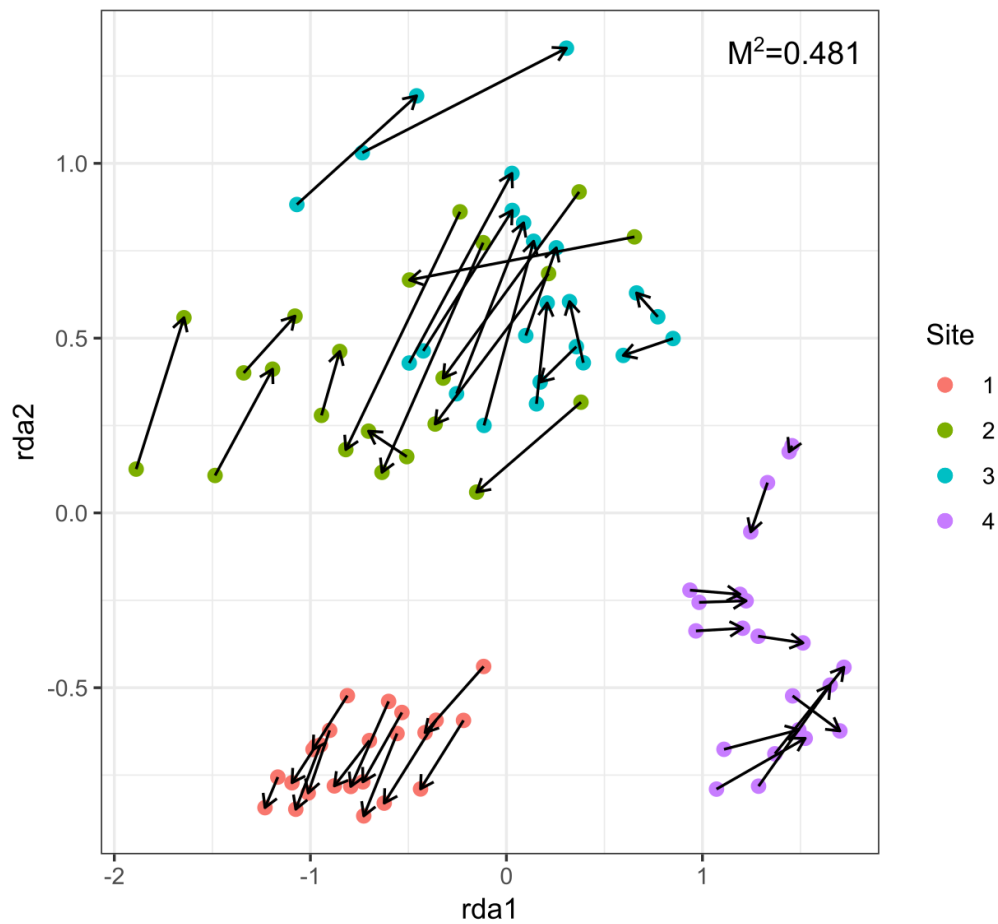


## **Spatial distribution of prokaryotic communities in hypersaline soils**

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**Supplementary Figure S1.** Alpha diversity metrics (Shannon and Simpson indices) for each site and depth calculated at the ESV level. The plot displays the median, upper and lower 25% quartiles, minimum, maximum and outliers of alpha diversity values.



**Supplementary Figure S2.** Procrustes analysis of NMDS ordination analysis based on ESVs and OTUs. NMDS ordination was performed on Bray-Curtis distances of normalized abundance data from ESV-based and OTU-based analyses. Arrows start on ESV-based NMDS data and end on OTU-derived data. The fit of procrustes transformation is indicated as  $M^2$ .