Uncovering depth and spatial patterns of soil eDNA in arid regions

Community Ecology

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Online Resource 5

Comparative Pearson and Spearman Correlations for Pairwise Jaccard Index of Similarity Values and Increasing Interpoint Sampling Distance

Table OR5-1a. Statistically significant Pearson parametric and Spearman nonparametric correlations (*r*) between pairwise similarity in ASV sets among sample points in a transect and distance between sample points in a transect.

Habitat Type (HT)	Pearson *r*	Spearman *r*
All HTs	-0.256	-0.271
Desert Scrubland	-0.270	-0.213
Grassland	-0.409	-0.423
Encinal Woodland	-0.418	-0.541
Pine-Oak Forest	-0.379	-0.410

Table OR5-1b. Statistically significant Pearson parametric and Spearman nonparametric correlations (*r*) between pairwise similarity in key ASV sets among sample points in a transect and distance between sample points in a transect. NS = not statistically significant.

Habitat Type (HT)	**Pearson *r***	**Spearman *r***
All HTs	-0.177	-0.159
Desert Scrubland	-0.299	-0.282
Grassland	NS	NS
Encinal Woodland	NS	NS
Pine-Oak Forest	-0.301	-0.266