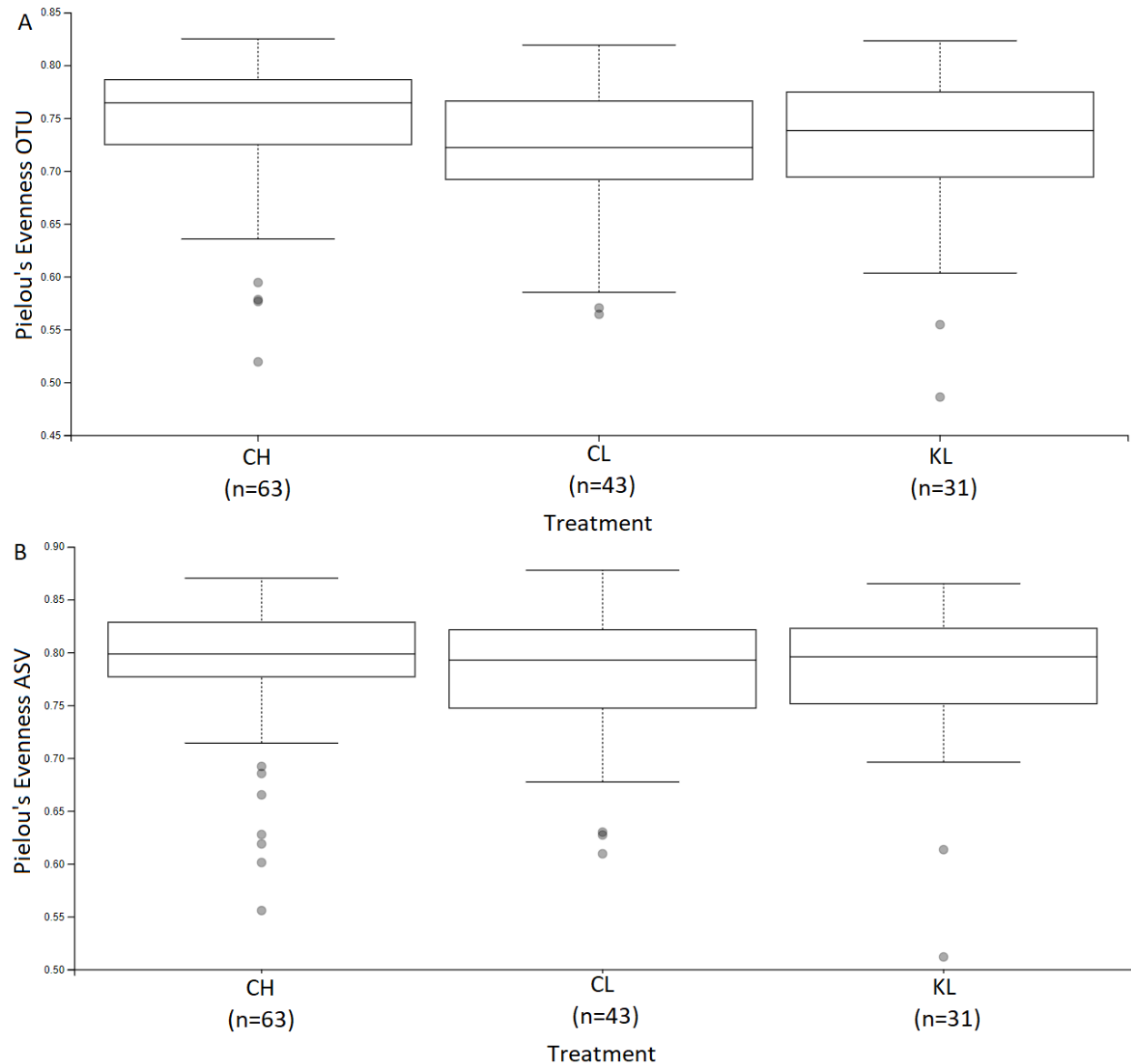


## SUPPLEMENTARY MATERIALS

Group 1	Group 2	q-value by OTU	q-value by ASV
CH (n=63)	CL (n=43)	0.123200	0.335279
	KL (n=31)	0.173835	0.861690
CL (n=43)	KL (n=31)	0.847956	0.335279

**Supplementary Table 1. Kruskal-Wallis test results for pairwise comparison of Pielou's evenness between treatment areas for OTU and ASV.**



**Supplementary Figure 1. Pielou's evenness for OTUs and ASVs.** Quantification of microbial alpha diversity (Pielou's evenness) across voles and treatment sites with error bars indicating median value  $\pm$  SE. (A) Pielou's evenness for OTUs quantified by Kruskal-Wallis tests conducted in QIIME2 in a pairwise manner between CH, CL, and KL with no significant differences found. (B) Pielou's evenness for ASVs quantified by Kruskal-Wallis tests conducted in QIIME2 in a pairwise manner between CH, CL, and KL with no significant differences found. A net decrease in Pielou's evenness is observed for OTUs relative to ASVs.