16S Antarctic data set-based Procrustes R value between original data set NMDS and datasets truncated by increasing removal of rare types 1.00 -0.75 -Rank Class Procrustes R Value Classified Family 0.50 -Genus Order Phylum **Species** Total 0.25 -0.00 -0.20 0.05 0.10 0.15 0.25 0.30 0.35 0.40 0.45 0.50 0.55 09.0 0.65 0.70 0.75 0.80 0.85 06.0 0.95 % Total Rare ASVs Removed