16S Arctic data set-based Spearman's correlation coefficients between original data set dissimilarity matrix and matrices truncated by increasing removal of rare types 1.00 -0.75 -Spearman's Correlation Coefficient Rank Class Classified Family 0.50 Genus Order Phylum **Species** Total 0.25 0.00 -0.05 0.10 0.15 0.20 0.30 0.35 0.40 0.45 0.50 0.55 09.0 0.65 0.75 0.80 0.85 0.00 0.25 0.95 0.99 % Total Rare ASVs Removed