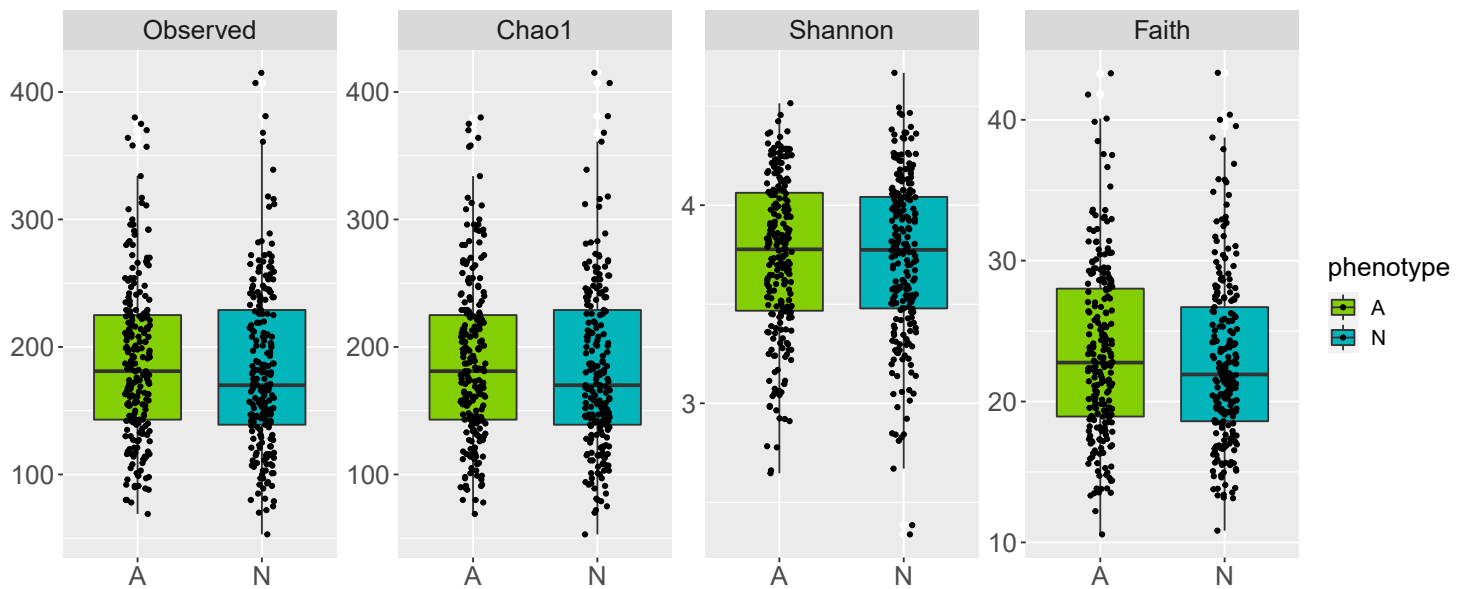
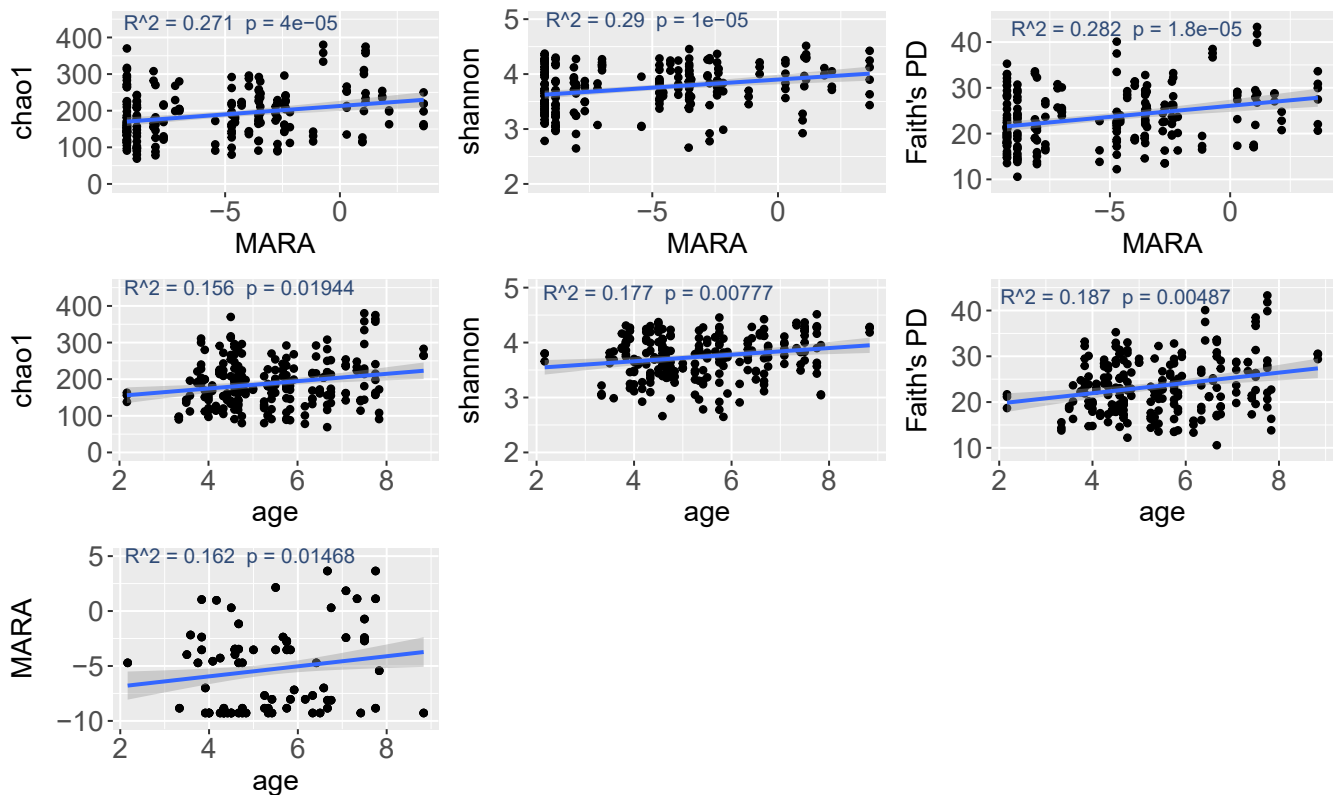


A



B



Supplementary File 11:

A) Diversity metrics Chao1, Shannon, and Faith's Phylogenetic Diversity indices, as compared between ASD and TD. None of the metrics showed statistical significance between groups as determined by a t-test and Mann-Whitney rank sum test.

B) Spearman correlations show statistical significance between diversity metrics, MARA score (ASD severity), and age (measured in years). Negative MARA score represents more severe ASD behavioral symptoms.