Disease category Data type Kruskal-Wallis, p = 6.8e-10 Kruskal-Wallis, p = 2.5e-06 ns ns ns * ns ns ns **** MSI (MaAslin2) ** MSI (MaAslin2) **** ns *** Mental Autoimmune mNGS_species genus 16S_genus 0 Metabolic Netabolic Intestinal Liver