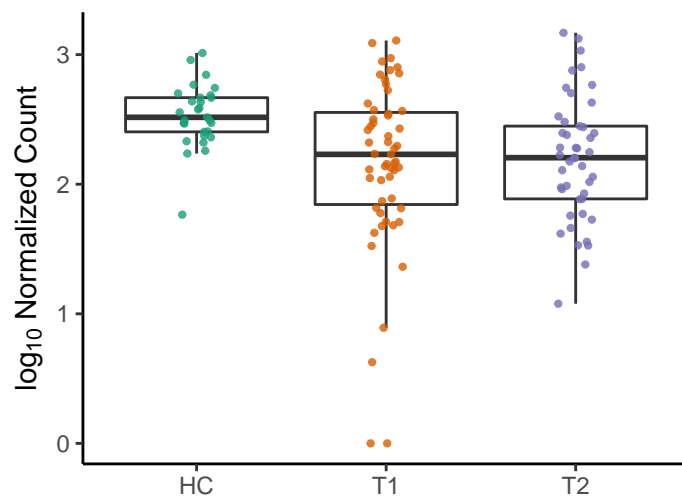


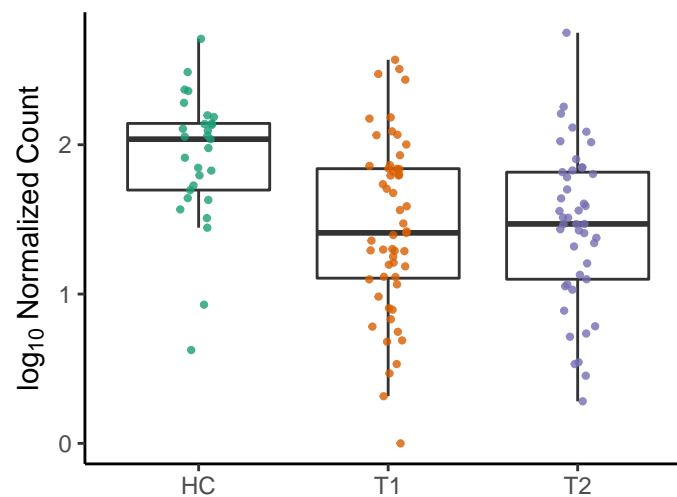
Ardenticatenia

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.0039$
T1 vs. T2 adjusted $p = 0.76$



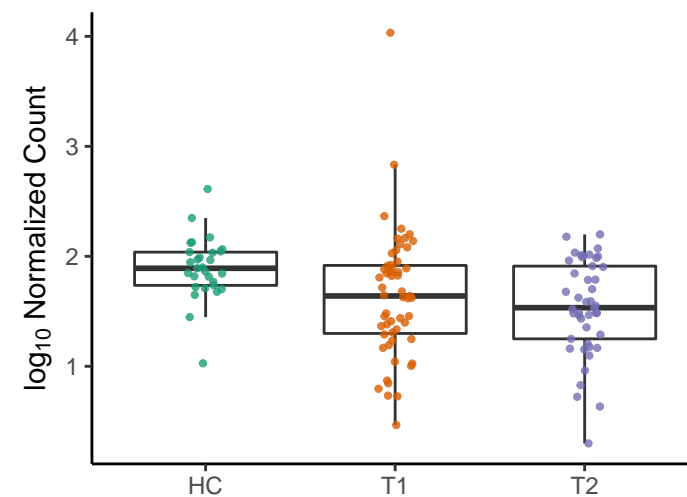
Coprothermobacteria

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.0039$
T1 vs. T2 adjusted $p = 0.92$



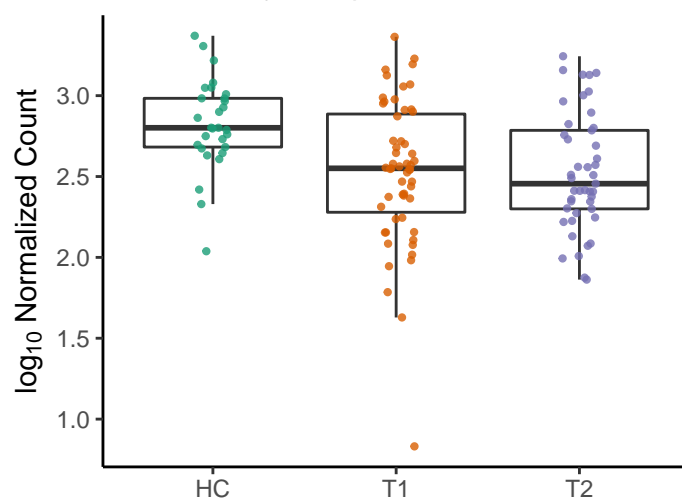
Malasseziomycetes

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.0039$
T1 vs. T2 adjusted $p = 0.76$



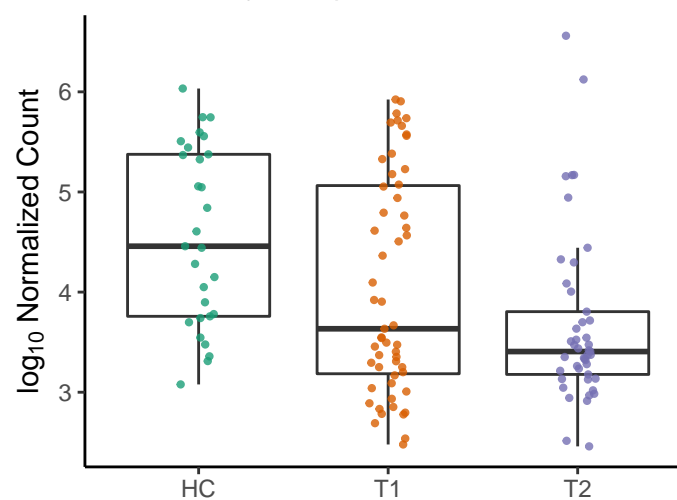
Unclassified Candidatus Saccharibacte

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.0039$
T1 vs. T2 adjusted $p = 0.93$



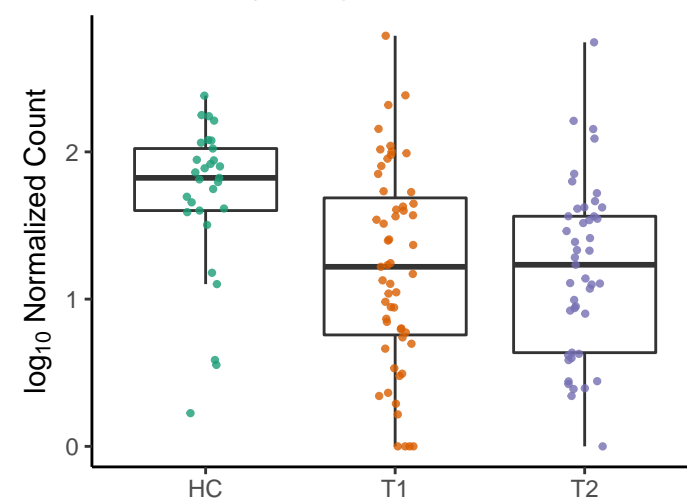
Verrucomicrobiae

non-ED vs. T1 adjusted $p = 0.037$
non-ED vs. T2 adjusted $p = 0.0039$
T1 vs. T2 adjusted $p = 0.76$



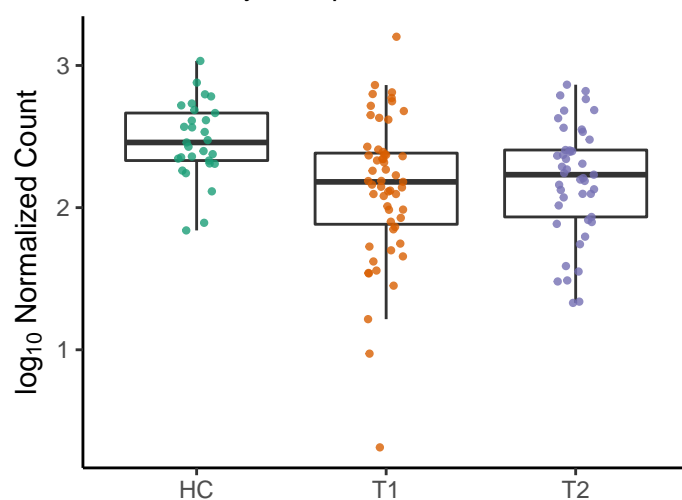
Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.0053$
T1 vs. T2 adjusted $p = 0.99$



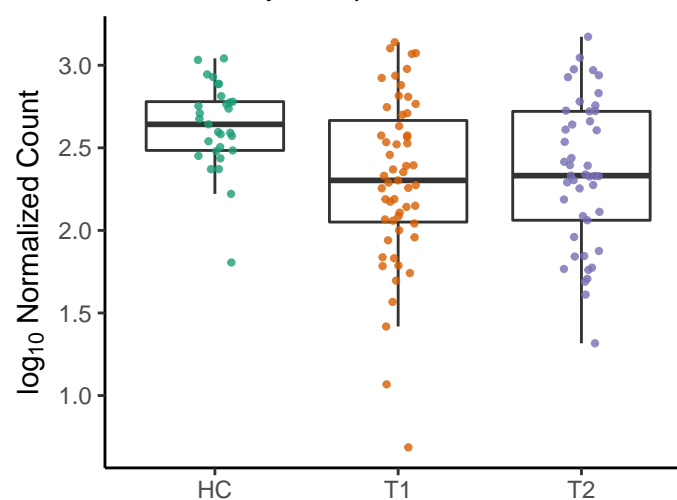
Tepidiformia

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.009$
T1 vs. T2 adjusted $p = 0.76$



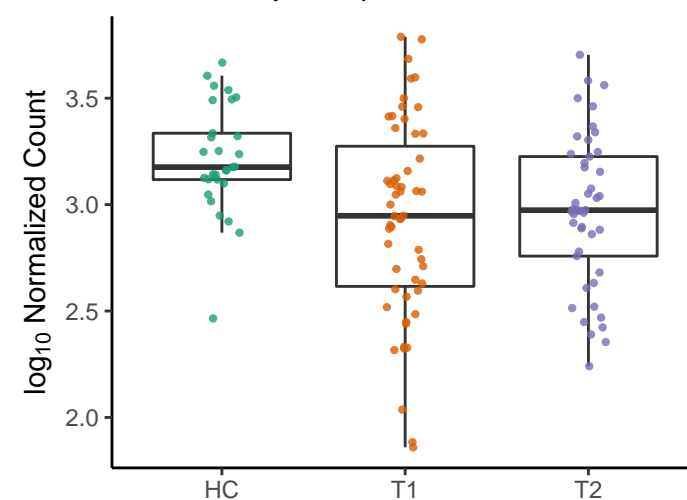
Acidimicrobiia

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.011$
T1 vs. T2 adjusted $p = 0.76$



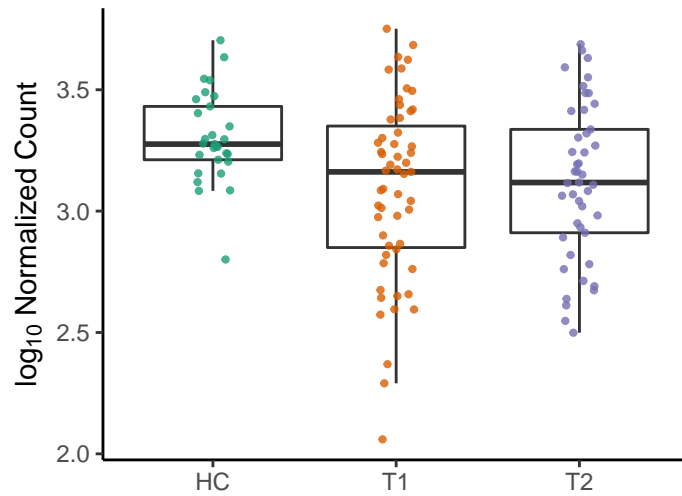
Opitutae

non-ED vs. T1 adjusted $p = 0.0043$
non-ED vs. T2 adjusted $p = 0.012$
T1 vs. T2 adjusted $p = 0.76$



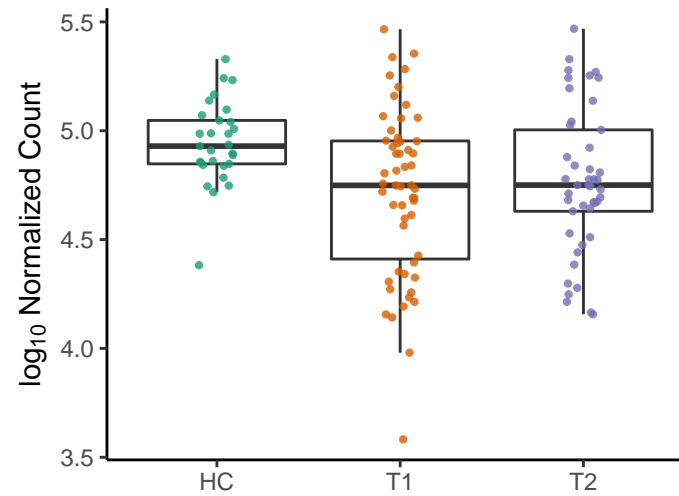
Acidobacteriia

non-ED vs. T1 adjusted $p = 0.0048$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



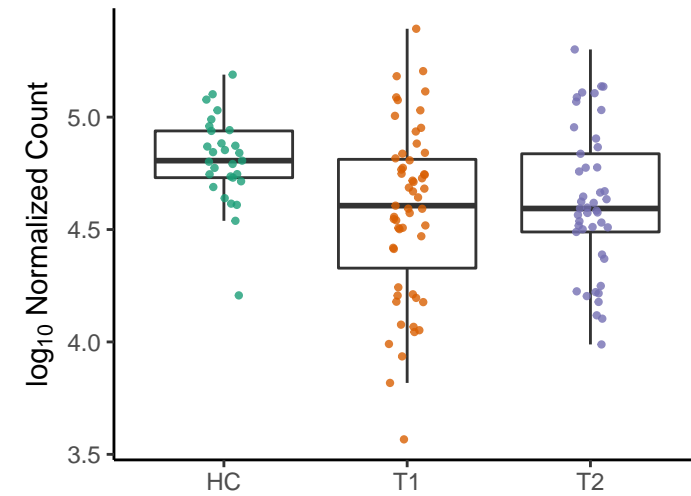
Alphaproteobacteria

non-ED vs. T1 adjusted $p = 0.0045$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



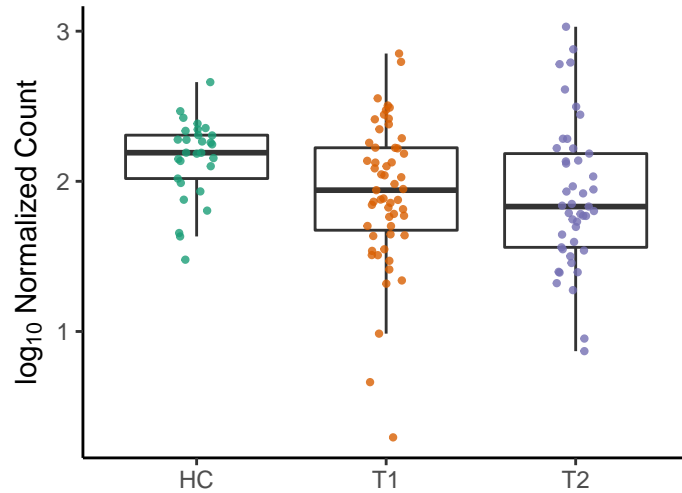
Betaproteobacteria

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



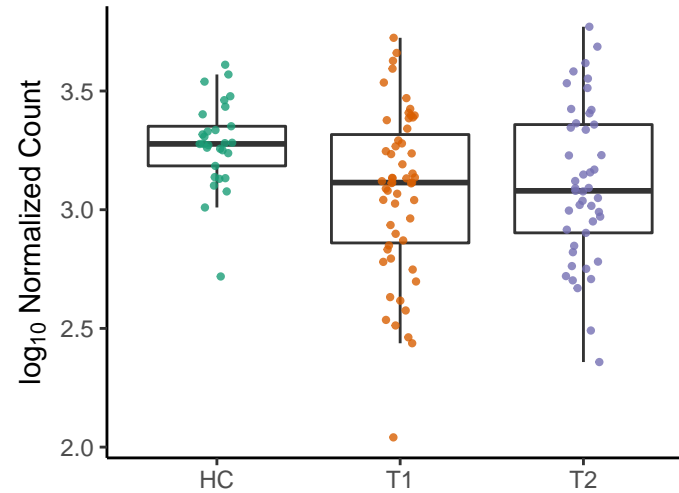
Blastocatellia

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.96$



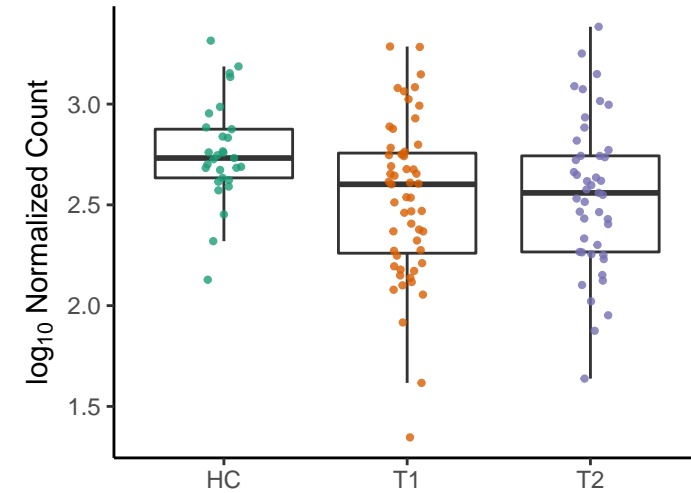
Chlorobia

non-ED vs. T1 adjusted $p = 0.0049$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



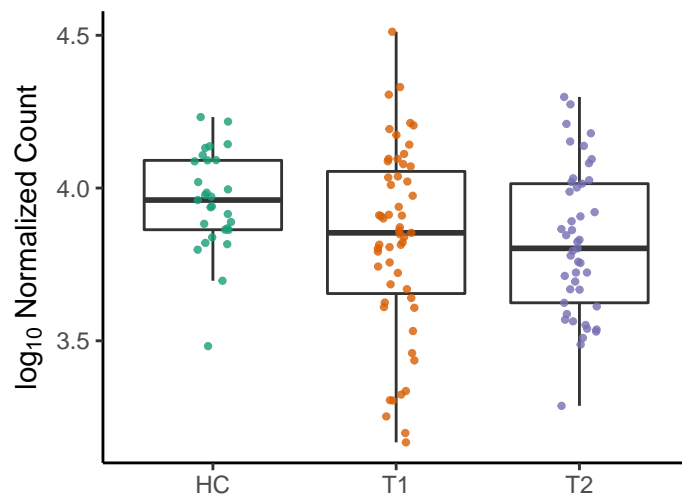
Chloroflexia

non-ED vs. T1 adjusted $p = 0.0075$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.82$



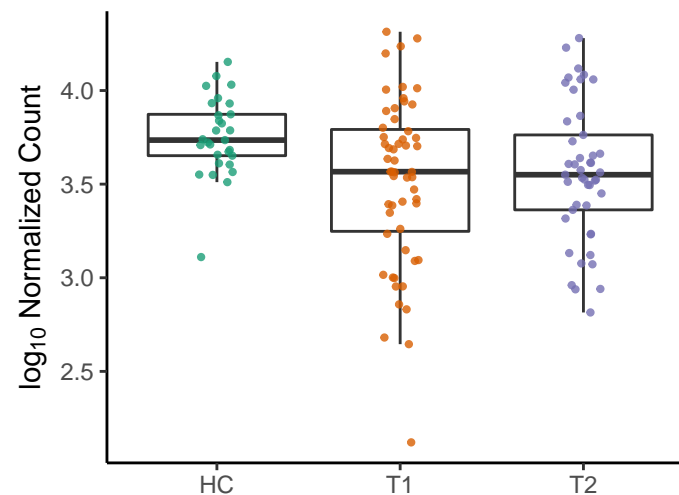
Cytophagia

non-ED vs. T1 adjusted $p = 0.026$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.99$



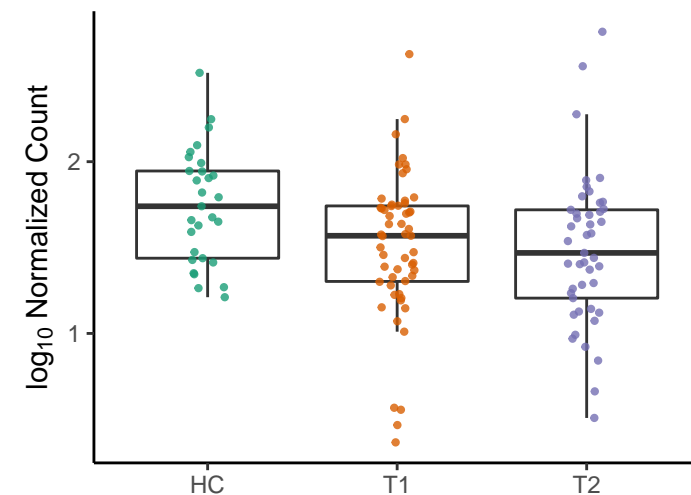
Deinococci

non-ED vs. T1 adjusted $p = 0.0062$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



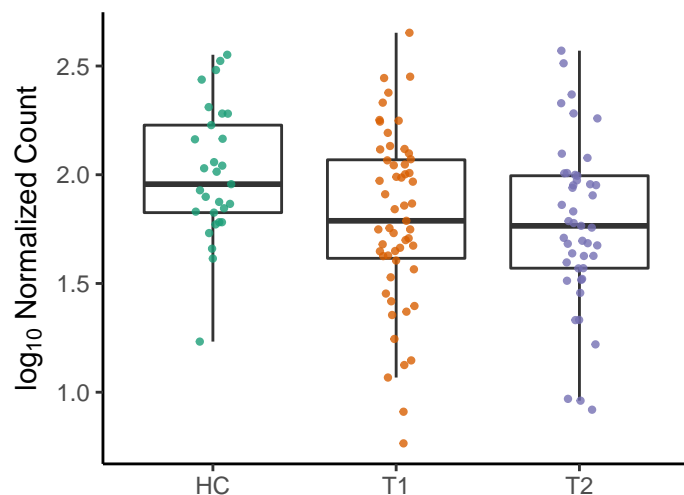
Elusimicrobia

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.96$



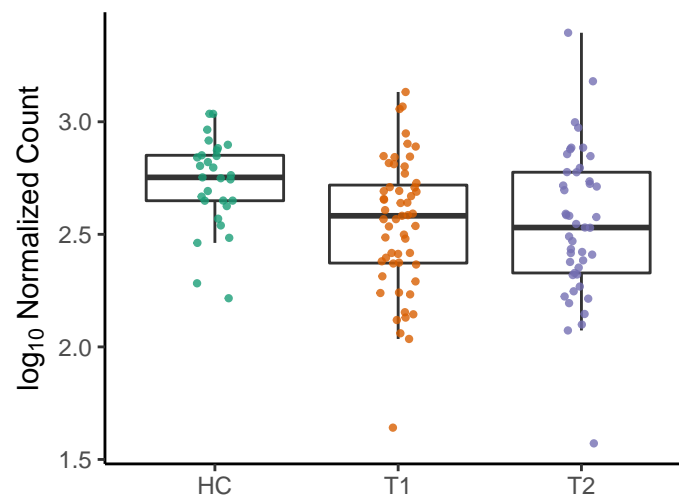
Endomicrobia

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.93$



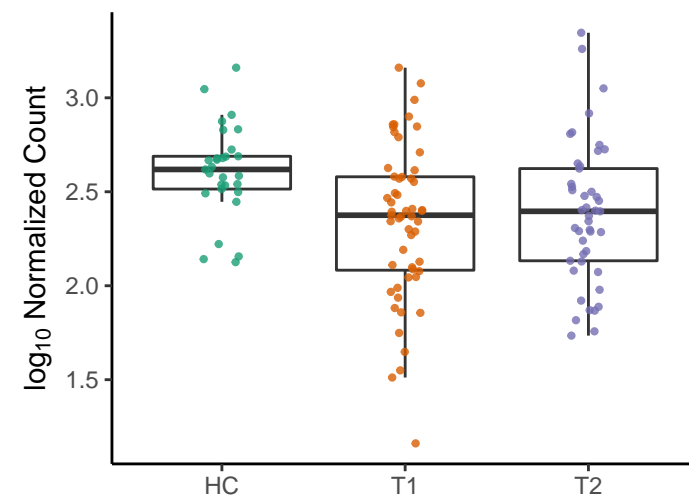
Eurotiomycetes

non-ED vs. T1 adjusted $p = 0.0058$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.96$



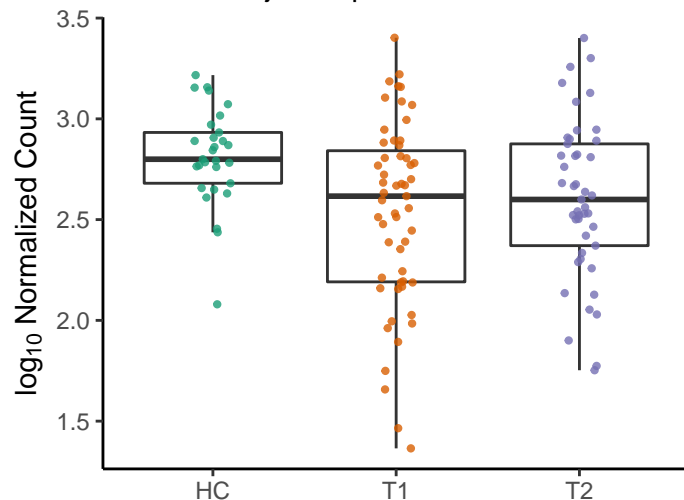
Fibrobacteria

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



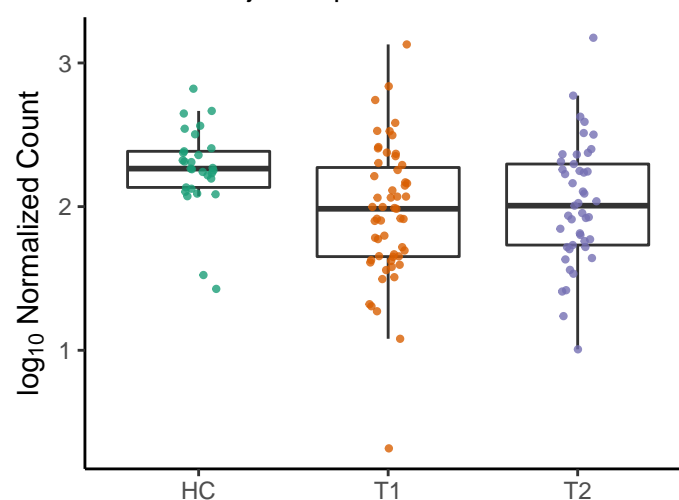
Gemmatimonadetes

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



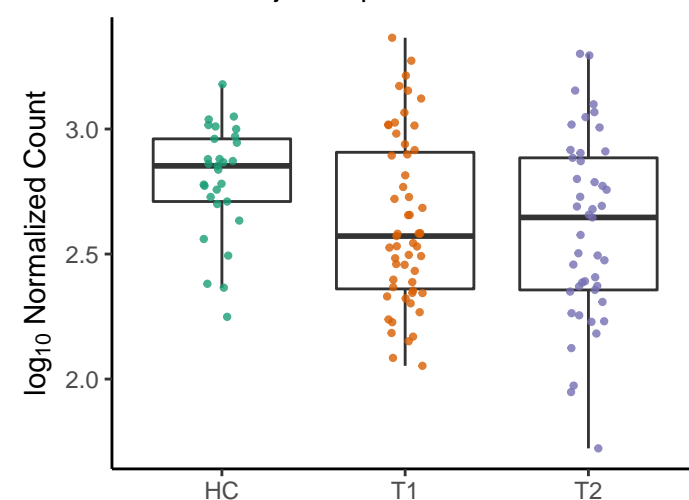
Ktedonobacteria

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



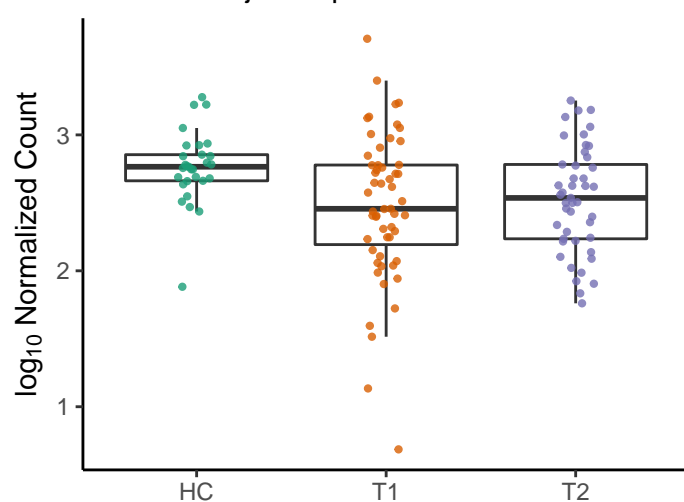
Methanococci

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.93$



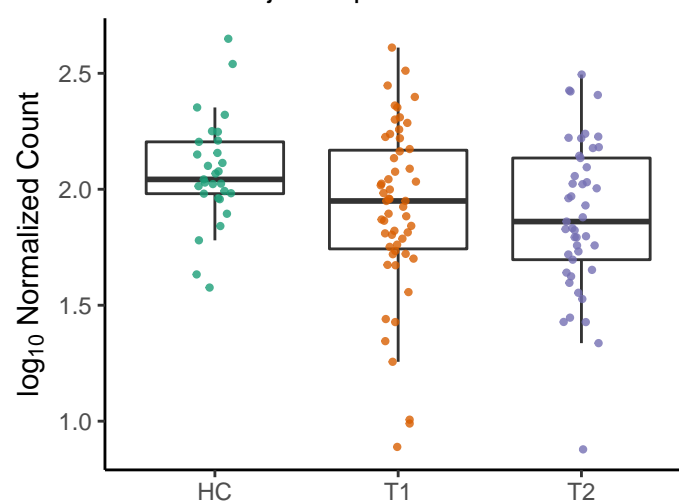
Nitiliruptoria

non-ED vs. T1 adjusted $p = 0.0075$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



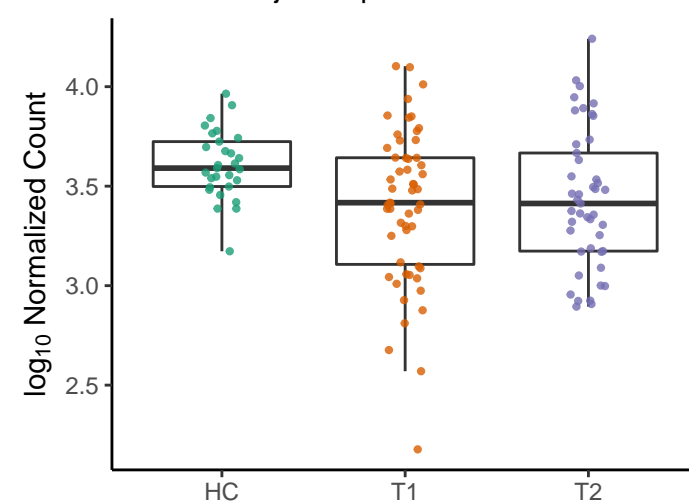
Nitrososphaeria

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.96$



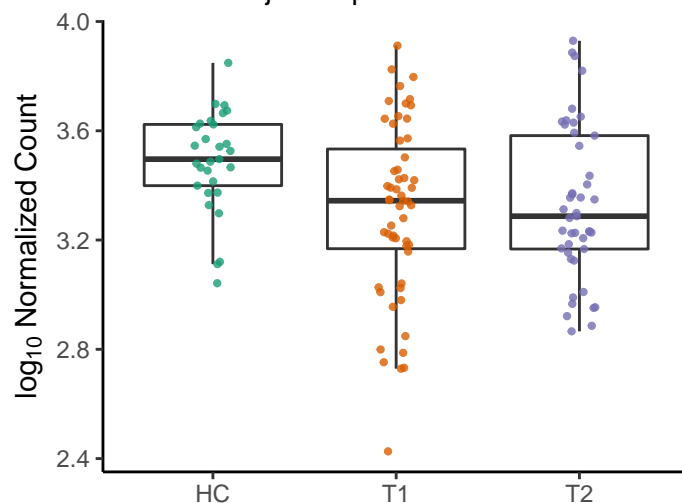
Planctomycetia

non-ED vs. T1 adjusted $p = 0.0058$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



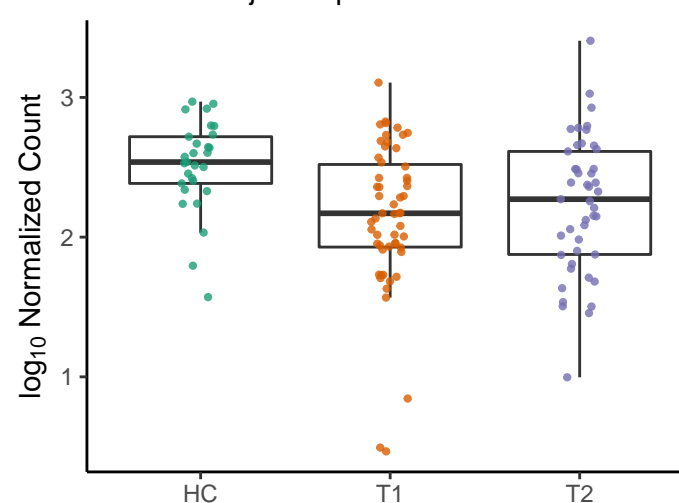
Sordariomycetes

non-ED vs. T1 adjusted $p = 0.0071$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



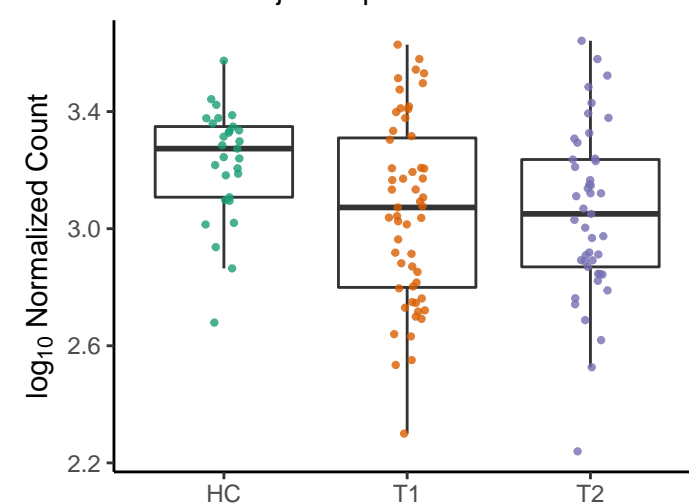
Thermoleophilia

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



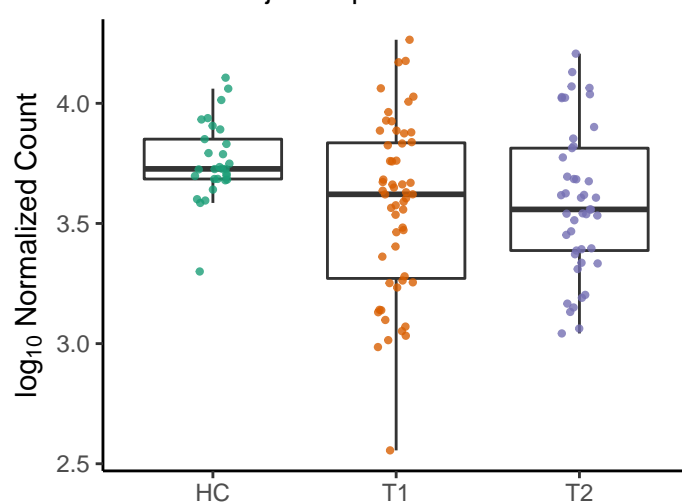
Thermotogae

non-ED vs. T1 adjusted $p = 0.0097$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.99$



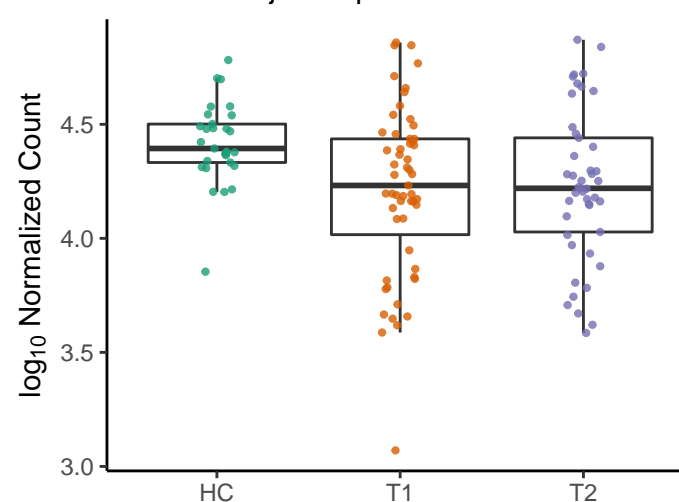
Unclassified Planctomycetes Phylum

non-ED vs. T1 adjusted $p = 0.006$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



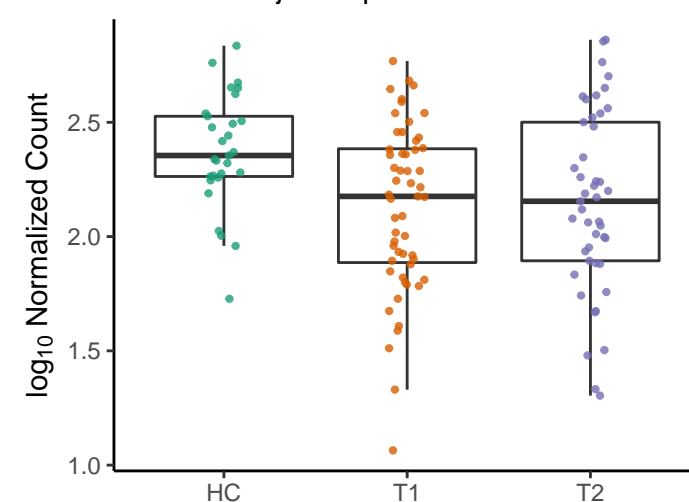
Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted $p = 0.005$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



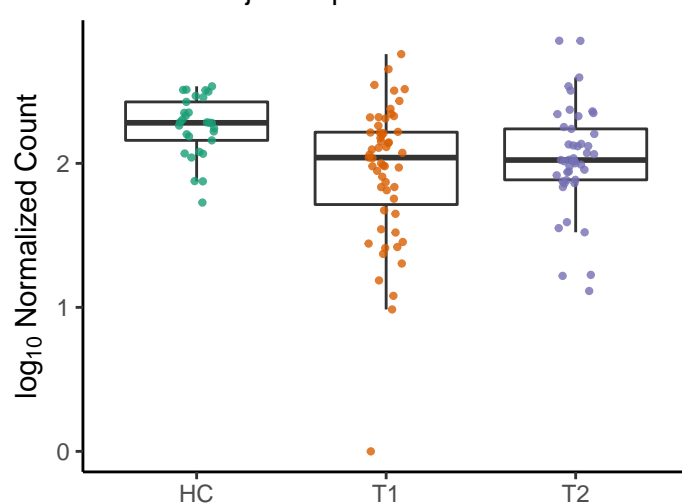
Ustilaginomycetes

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



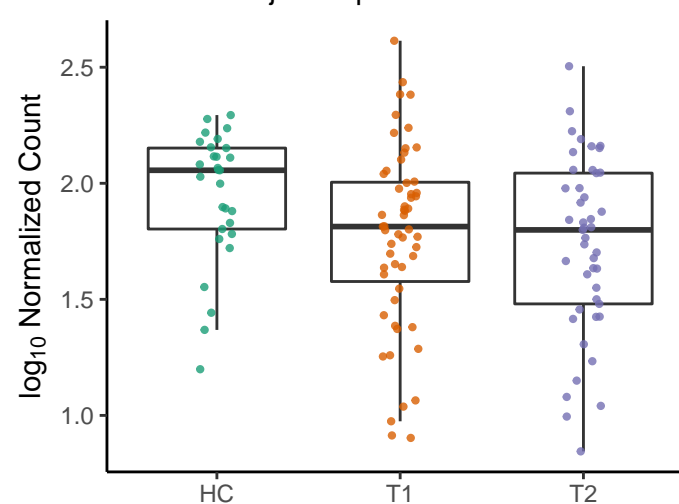
Zetaproteobacteria

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.76$



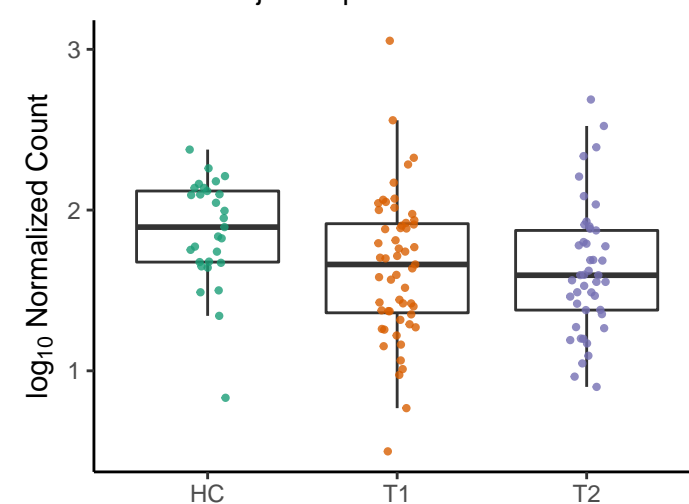
Candidatus Brocadiae

non-ED vs. T1 adjusted $p = 0.032$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.86$



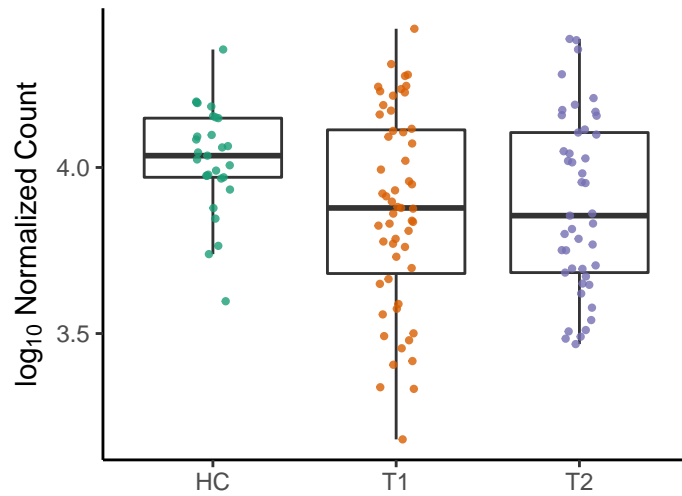
Unclassified Euryarchaeota Phylum

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.96$



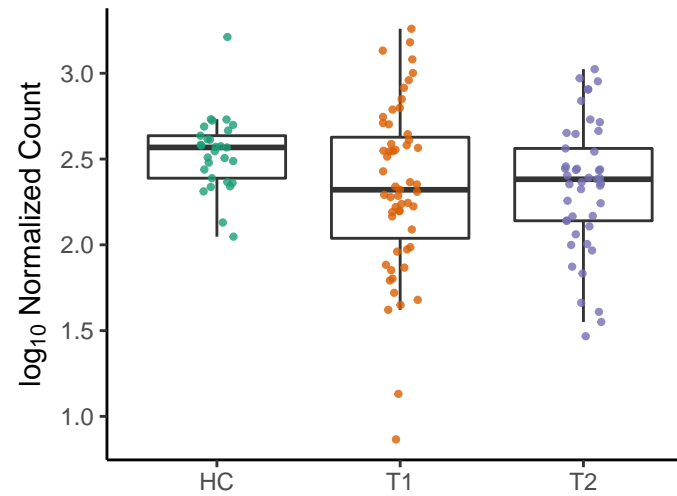
Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.89$



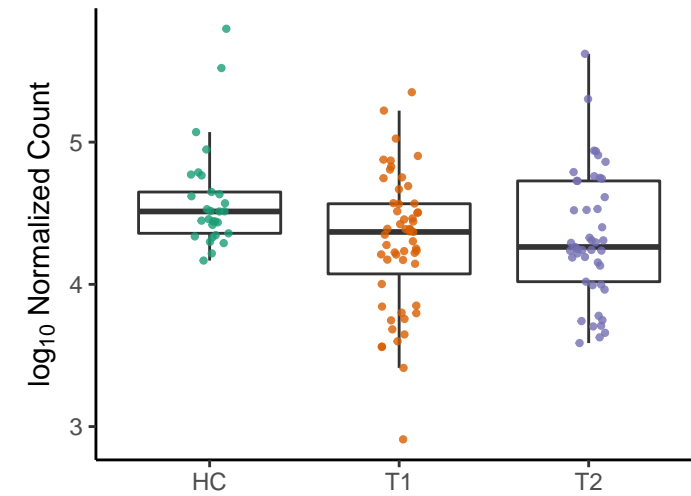
Unclassified Verrucomicrobia Phylum

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.92$



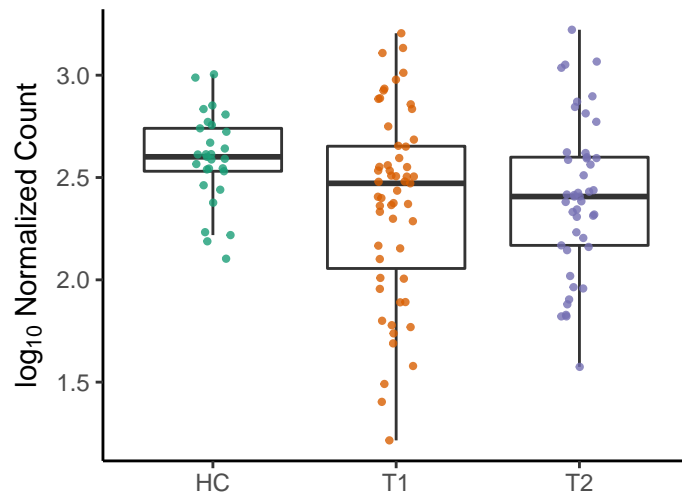
Deltaproteobacteria

non-ED vs. T1 adjusted $p = 0.0075$
non-ED vs. T2 adjusted $p = 0.025$
T1 vs. T2 adjusted $p = 0.82$



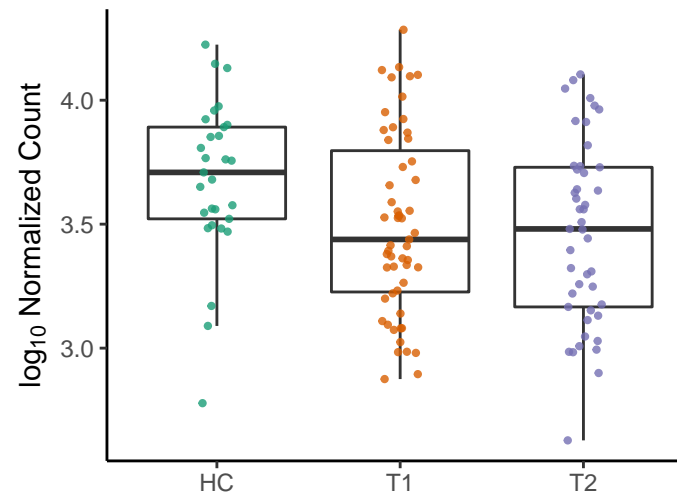
Gloeobacteria

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.025$
T1 vs. T2 adjusted $p = 0.76$



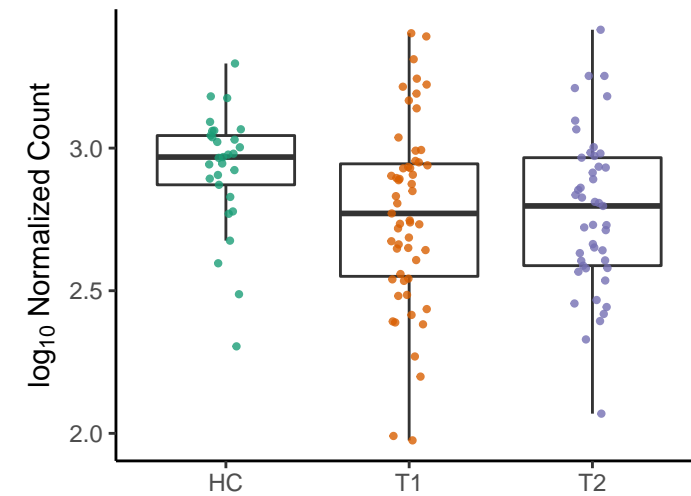
Mollicutes

non-ED vs. T1 adjusted $p = 0.031$
non-ED vs. T2 adjusted $p = 0.025$
T1 vs. T2 adjusted $p = 0.82$



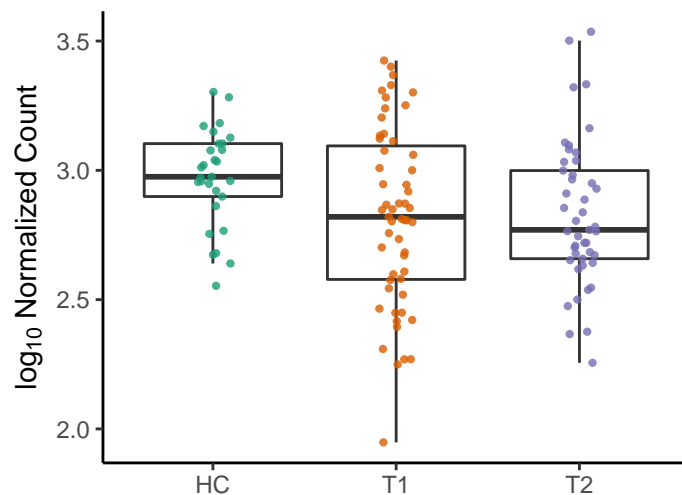
Oligoflexia

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.026$
T1 vs. T2 adjusted $p = 0.95$



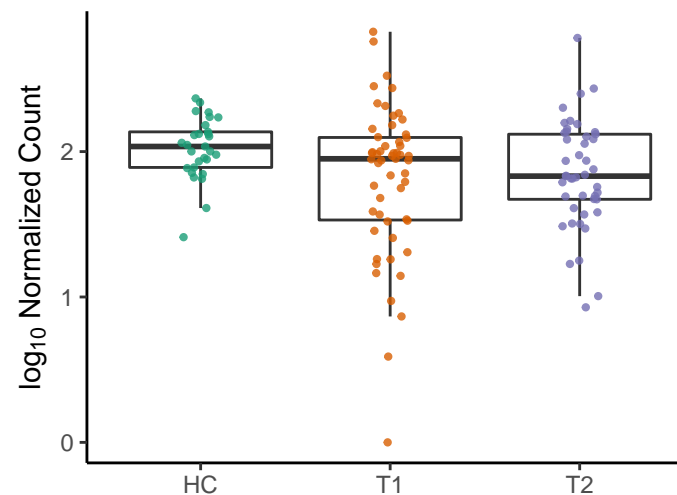
Thermoprotei

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.93$



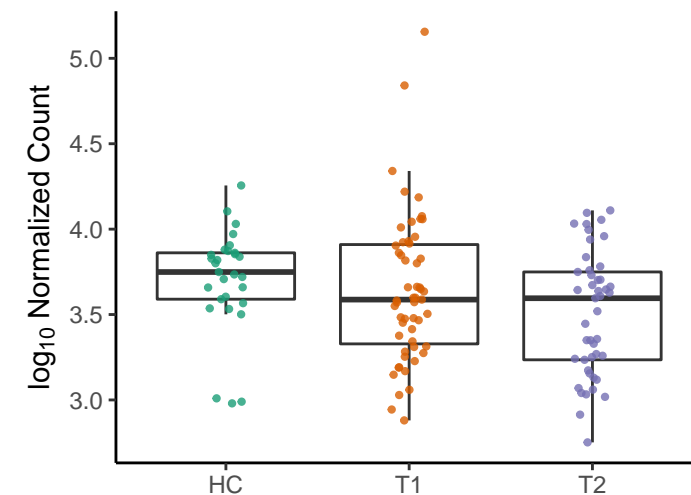
Unclassified Balneolaeota Phylum

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.82$



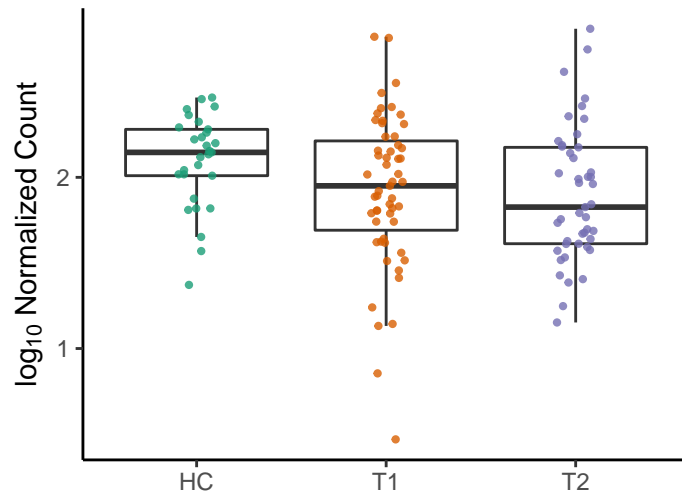
Fusobacteriia

non-ED vs. T1 adjusted $p = 0.47$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.76$



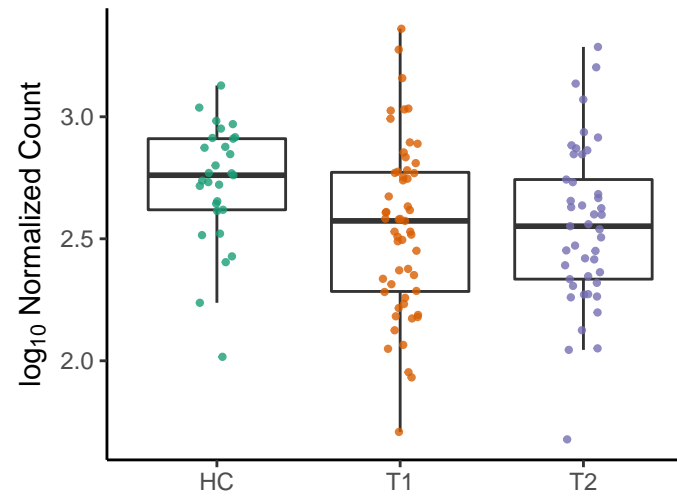
Calditrichae

non-ED vs. T1 adjusted $p = 0.046$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.92$



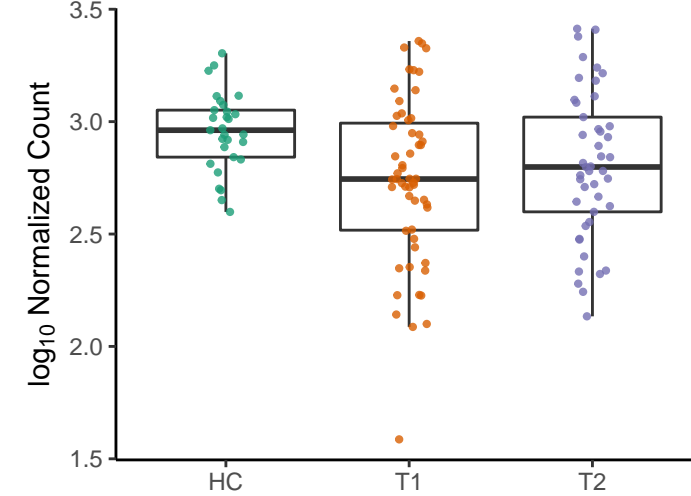
Deferribacteres

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.93$



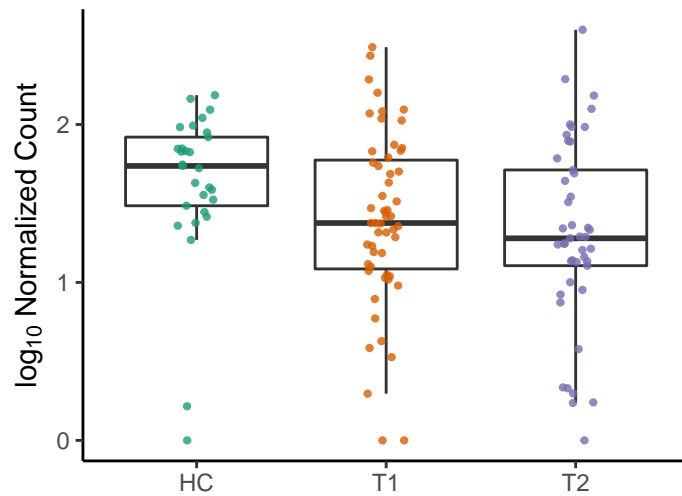
Phycisphaerae

non-ED vs. T1 adjusted $p = 0.0037$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.76$



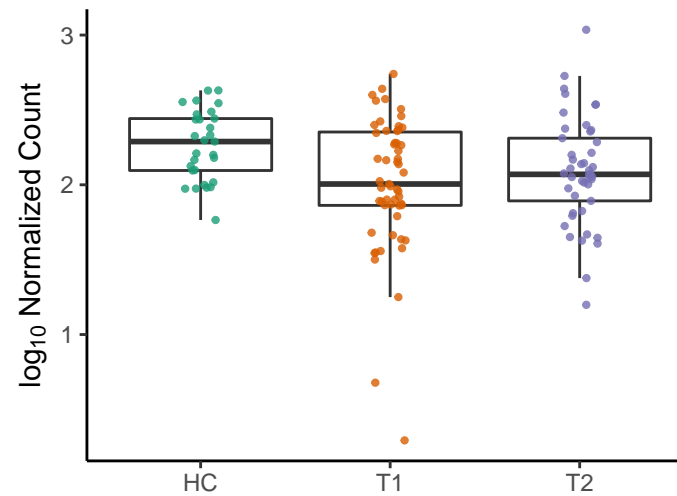
Unclassified Candidatus Gracilibacteria I

non-ED vs. T1 adjusted $p = 0.069$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.91$



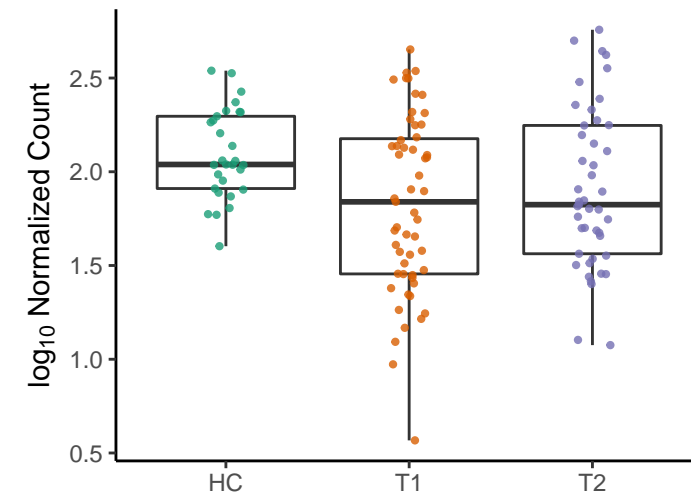
Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted $p = 0.0053$
non-ED vs. T2 adjusted $p = 0.033$
T1 vs. T2 adjusted $p = 0.76$



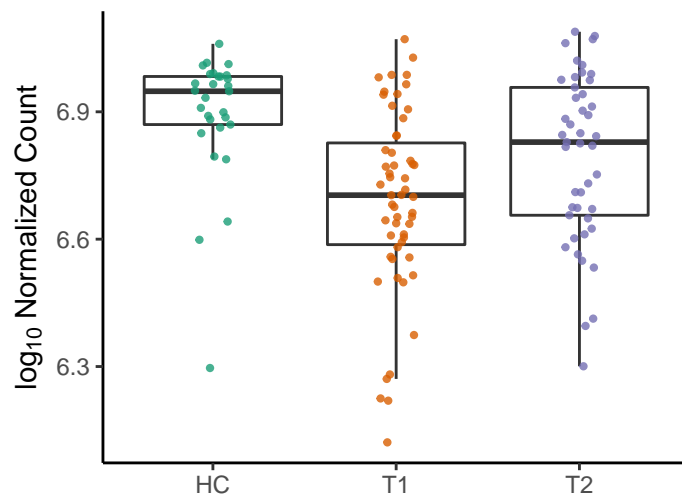
Methylacidiphilae

non-ED vs. T1 adjusted $p = 0.0049$
non-ED vs. T2 adjusted $p = 0.038$
T1 vs. T2 adjusted $p = 0.76$



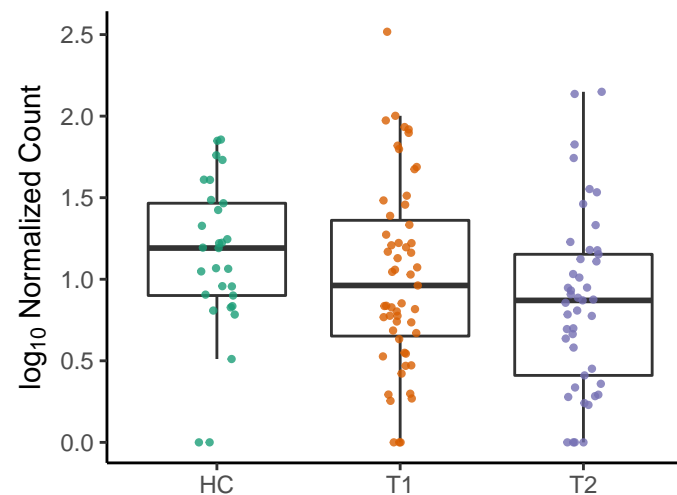
Clostridia

non-ED vs. T1 adjusted $p = 0.00048$
non-ED vs. T2 adjusted $p = 0.042$
T1 vs. T2 adjusted $p = 0.15$



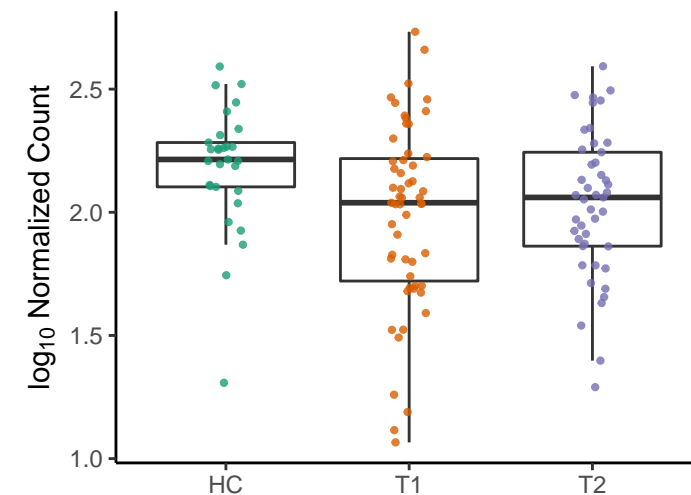
Ellioviricetes

non-ED vs. T1 adjusted $p = 0.34$
non-ED vs. T2 adjusted $p = 0.048$
T1 vs. T2 adjusted $p = 0.76$



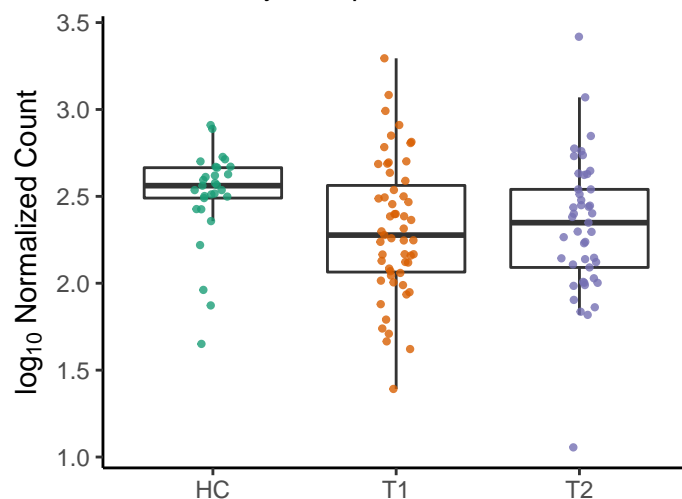
Archaeoglobi

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.76$



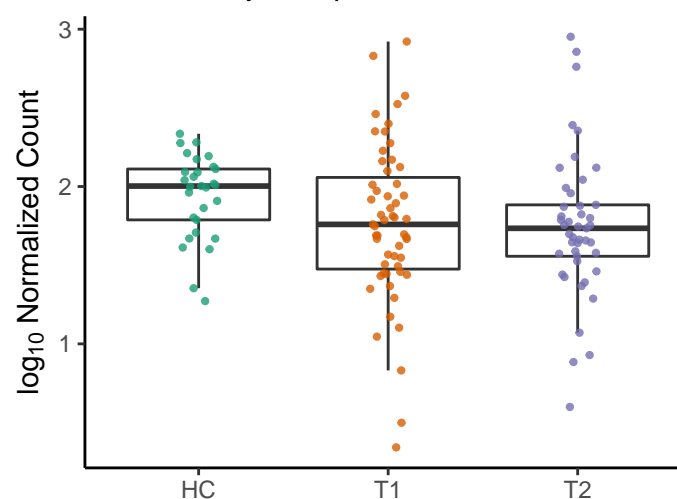
Ignavibacteria

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.055$
T1 vs. T2 adjusted $p = 0.96$



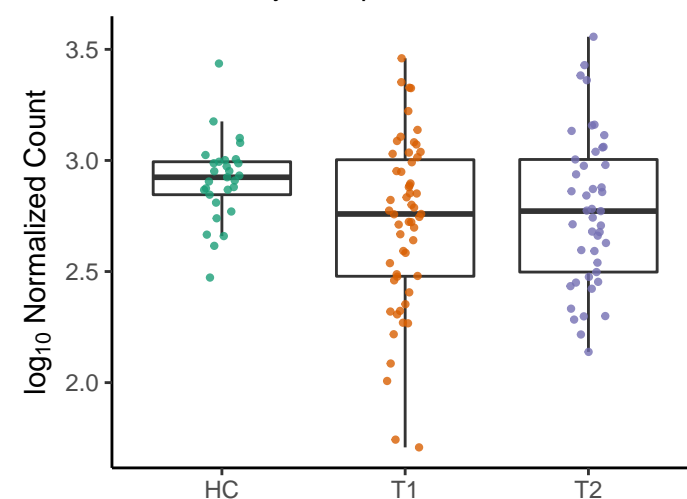
Unclassified candidate division Zixibacte

non-ED vs. T1 adjusted $p = 0.062$
non-ED vs. T2 adjusted $p = 0.055$
T1 vs. T2 adjusted $p = 0.92$



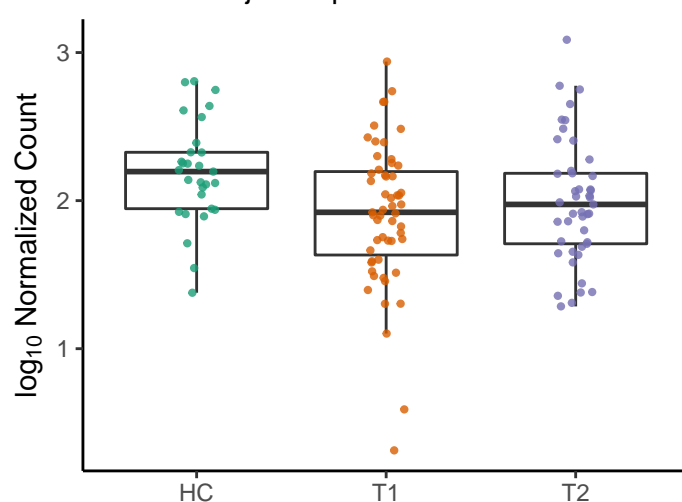
Anaerolineae

non-ED vs. T1 adjusted $p = 0.0097$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.76$



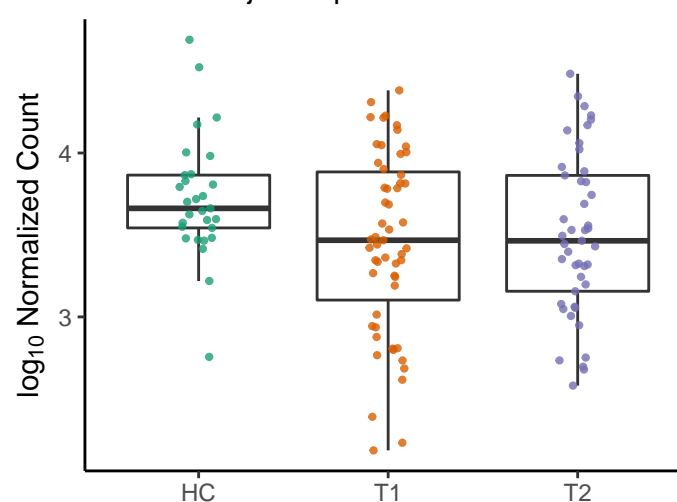
Kiritimatiellae

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.76$



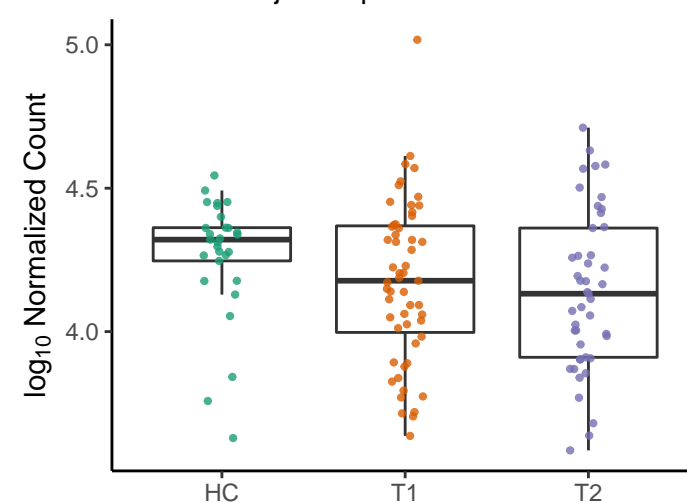
Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.76$



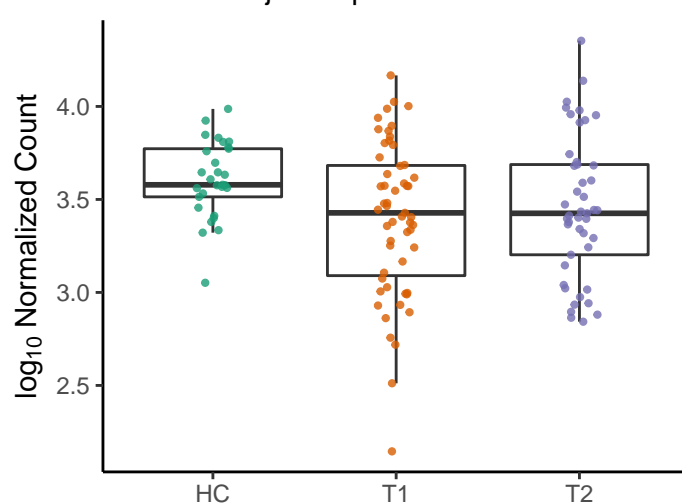
Flavobacteriia

non-ED vs. T1 adjusted $p = 0.12$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.76$



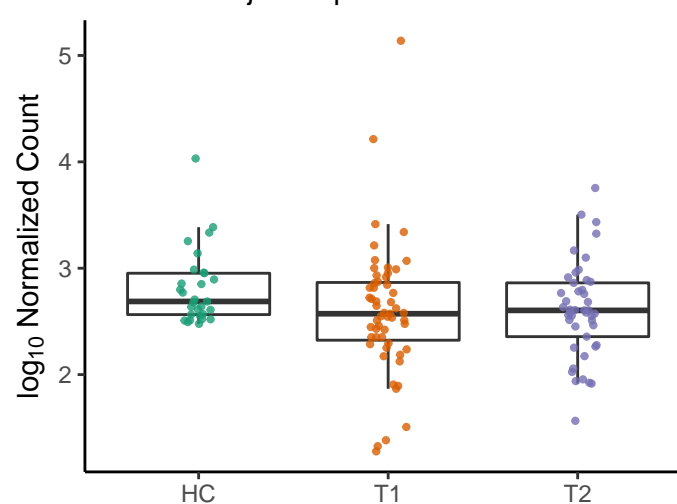
Halobacteria

non-ED vs. T1 adjusted $p = 0.0097$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.76$



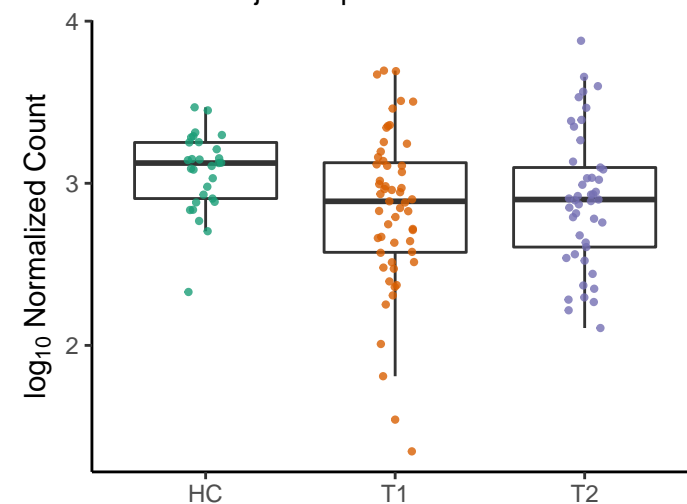
Lentisphaeria

non-ED vs. T1 adjusted $p = 0.063$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.85$



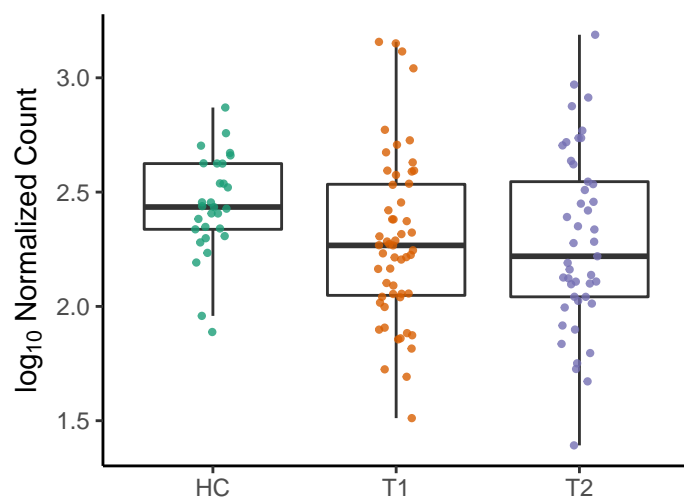
Rubrobacteria

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.058$
T1 vs. T2 adjusted $p = 0.76$



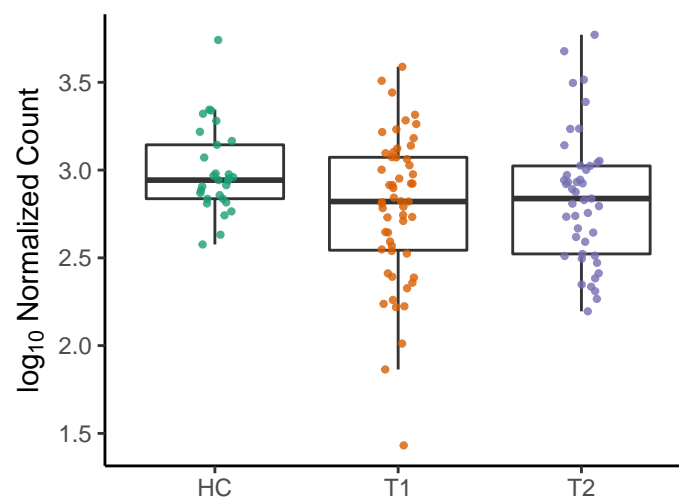
Tremellomycetes

non-ED vs. T1 adjusted $p = 0.032$
non-ED vs. T2 adjusted $p = 0.06$
T1 vs. T2 adjusted $p = 0.93$



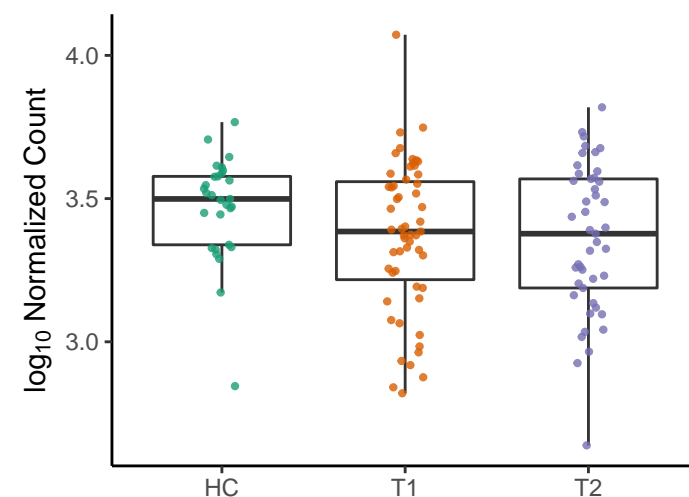
Dehalococcoidia

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.061$
T1 vs. T2 adjusted $p = 0.76$



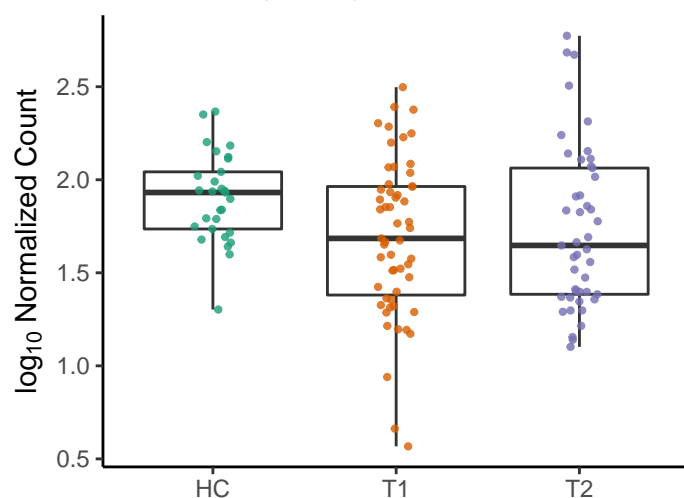
Chitinophagia

non-ED vs. T1 adjusted $p = 0.063$
non-ED vs. T2 adjusted $p = 0.061$
T1 vs. T2 adjusted $p = 0.93$



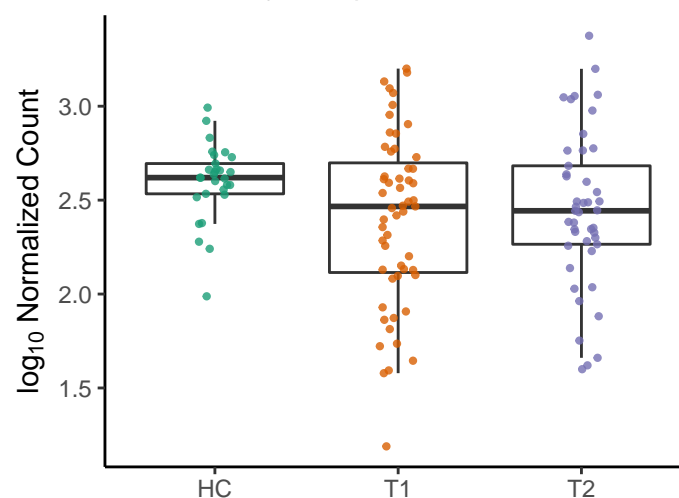
Chthonomonadetes

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.062$
T1 vs. T2 adjusted $p = 0.82$



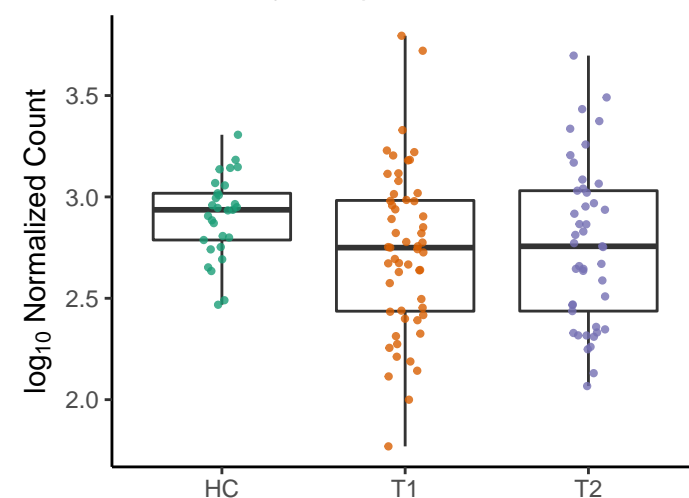
Limnochordia

non-ED vs. T1 adjusted $p = 0.018$
non-ED vs. T2 adjusted $p = 0.071$
T1 vs. T2 adjusted $p = 0.76$



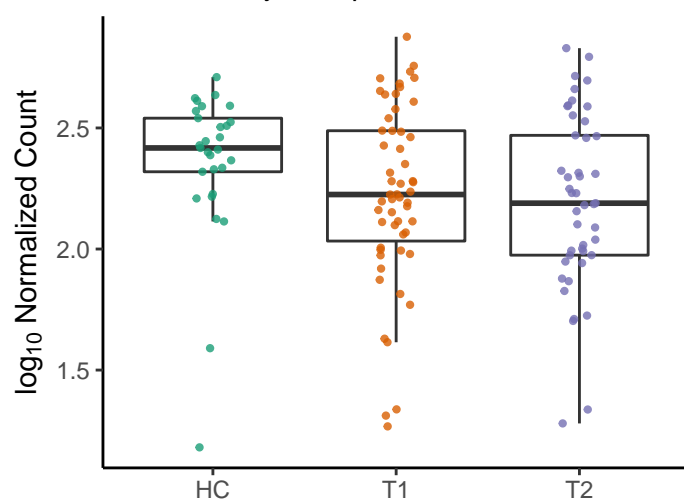
Thermoplasmata

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.077$
T1 vs. T2 adjusted $p = 0.76$



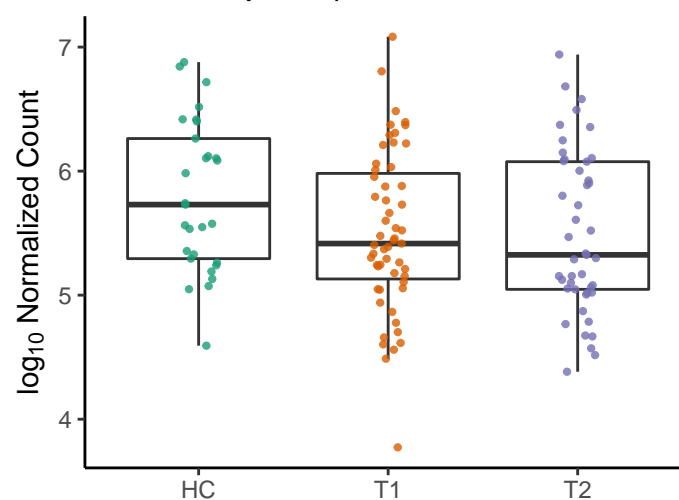
Unclassified Thaumarchaeota Phylum

non-ED vs. T1 adjusted $p = 0.11$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.91$



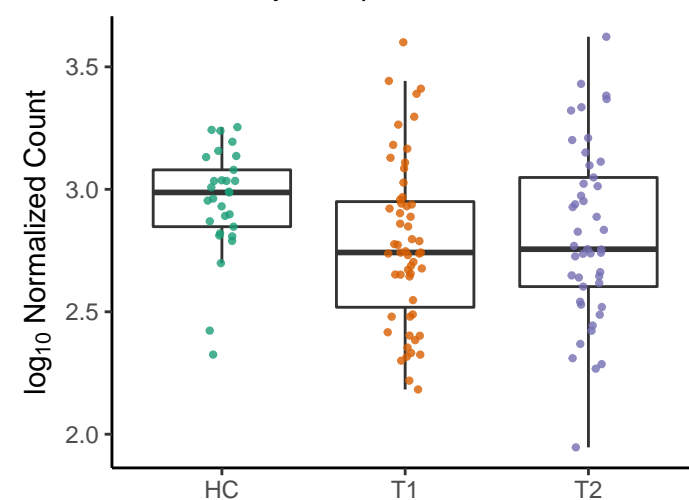
Actinobacteria

non-ED vs. T1 adjusted $p = 0.063$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.85$



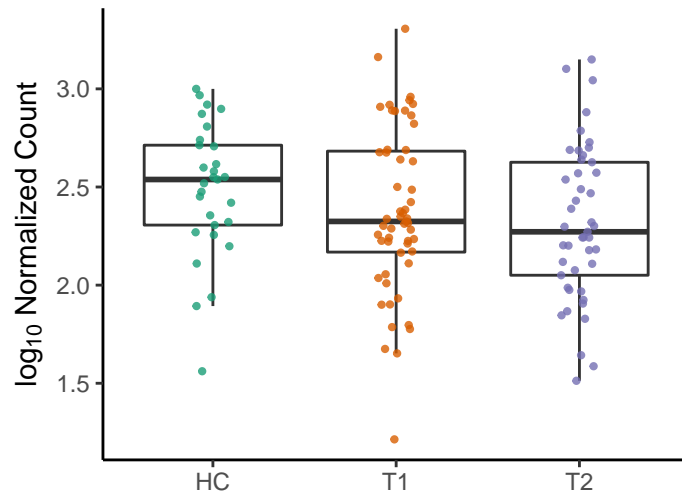
Thermococci

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.76$



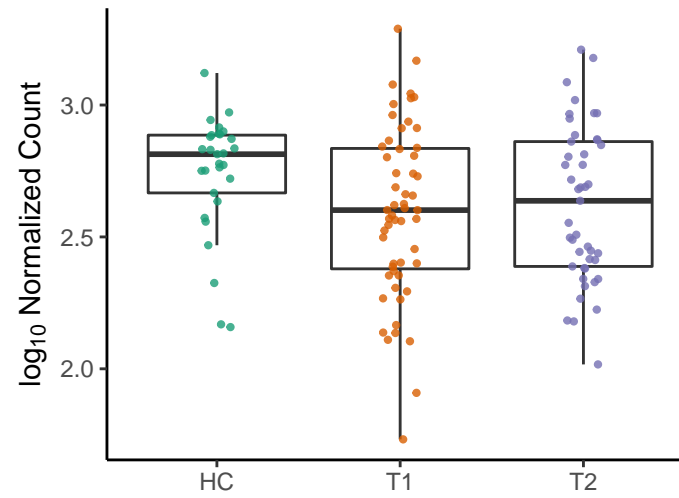
Unclassified Tenericutes Phylum

non-ED vs. T1 adjusted $p = 0.22$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.76$



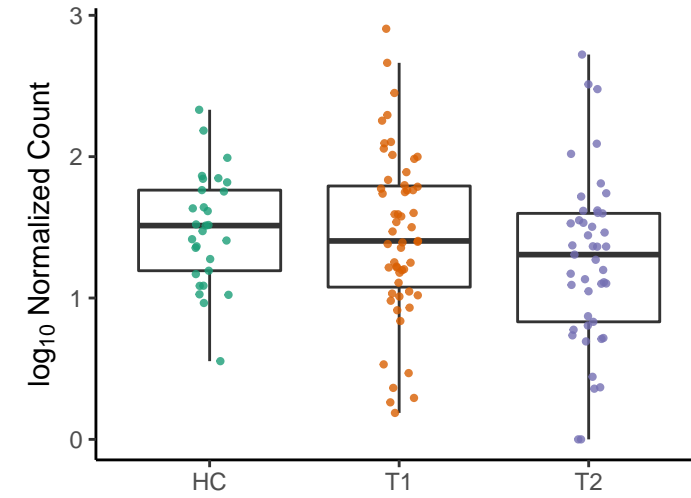
Chlamydiia

non-ED vs. T1 adjusted $p = 0.027$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.85$



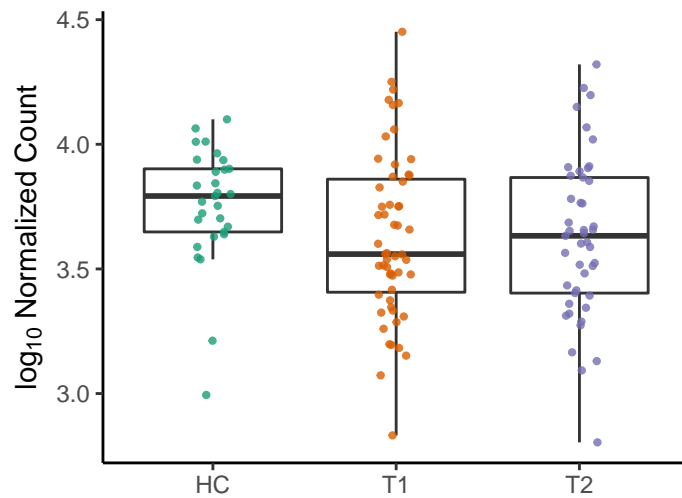
Methanopyri

non-ED vs. T1 adjusted $p = 0.68$
non-ED vs. T2 adjusted $p = 0.078$
T1 vs. T2 adjusted $p = 0.76$



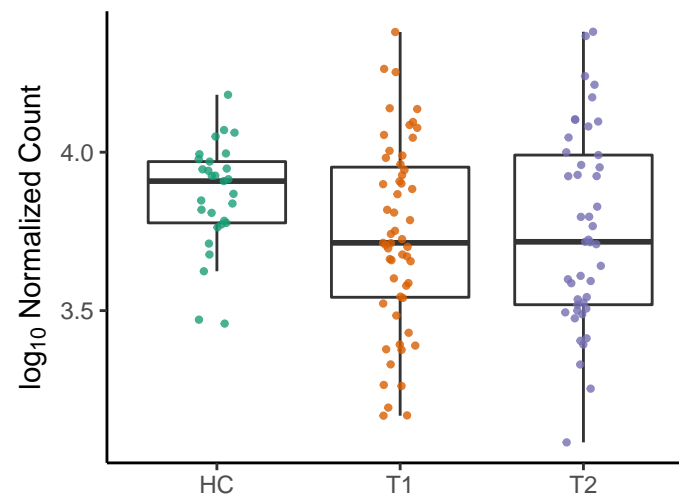
Tissierellia

non-ED vs. T1 adjusted $p = 0.064$
non-ED vs. T2 adjusted $p = 0.08$
T1 vs. T2 adjusted $p = 0.99$



Spirochaetia

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.083$
T1 vs. T2 adjusted $p = 0.86$



Thermomicrobia

non-ED vs. T1 adjusted $p = 0.027$
non-ED vs. T2 adjusted $p = 0.099$
T1 vs. T2 adjusted $p = 0.82$

