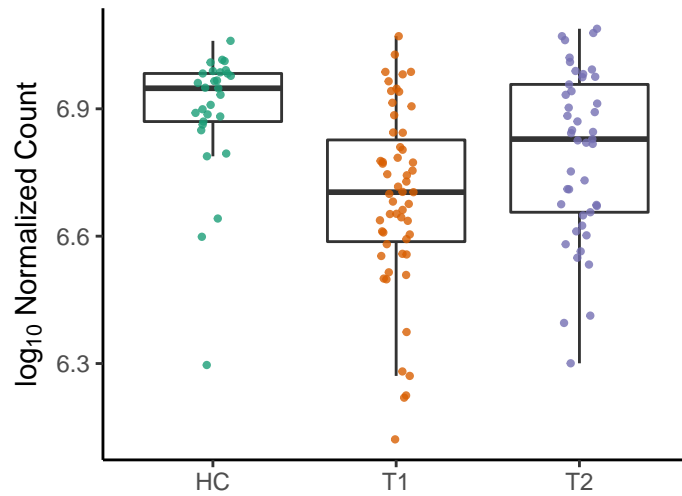


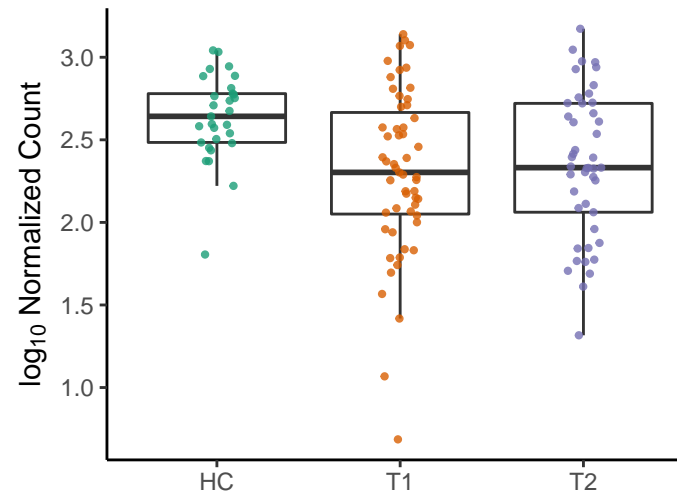
Clostridia

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



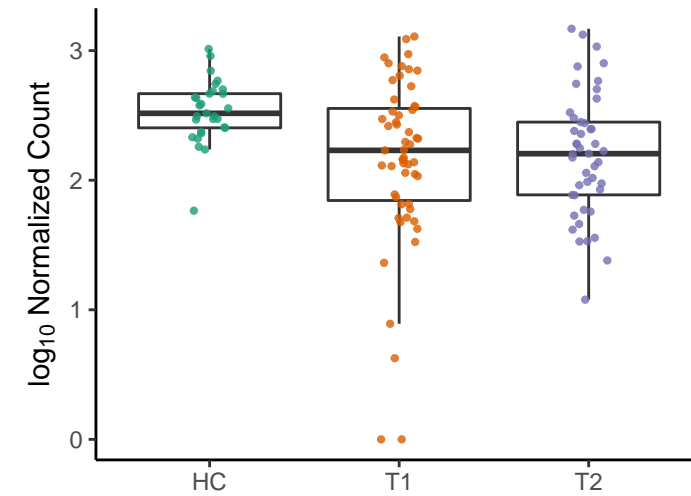
Acidimicrobiia

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



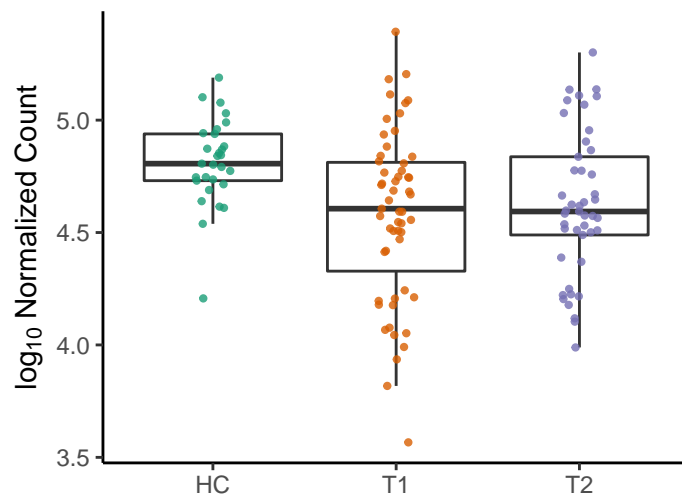
Ardicatentia

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



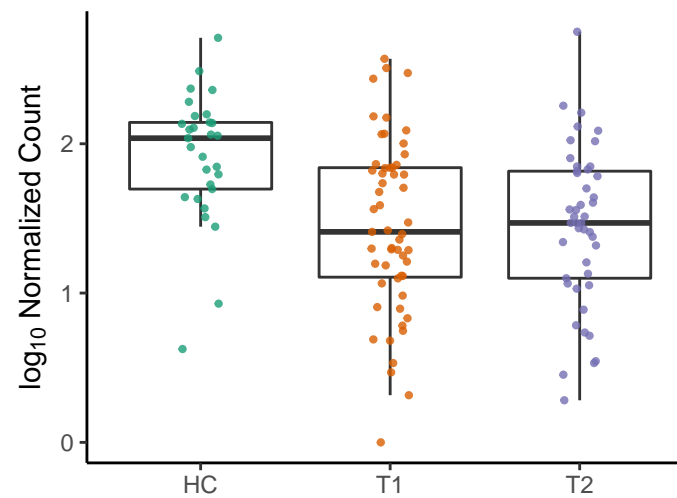
Betaproteobacteria

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



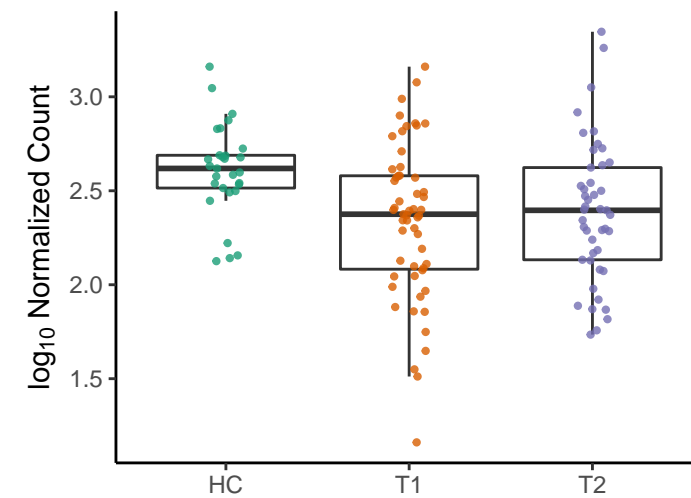
Coprothermobacteria

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



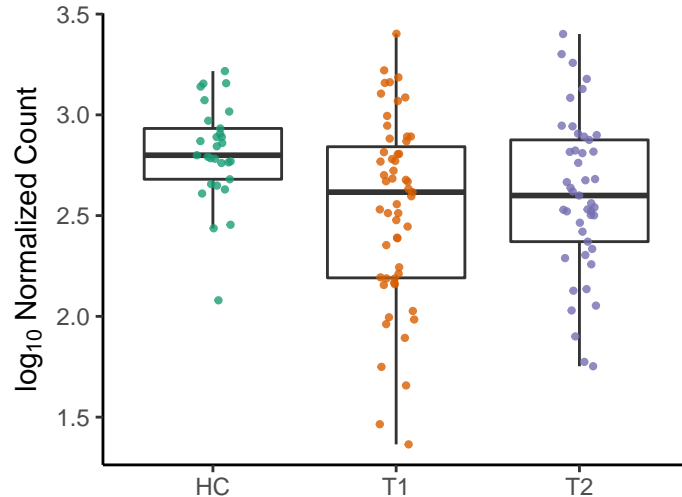
Fibrobacteria

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



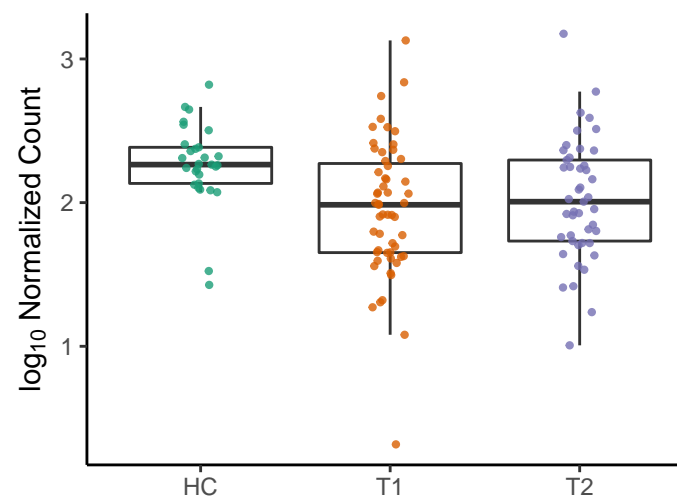
Gemmatimonadetes

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



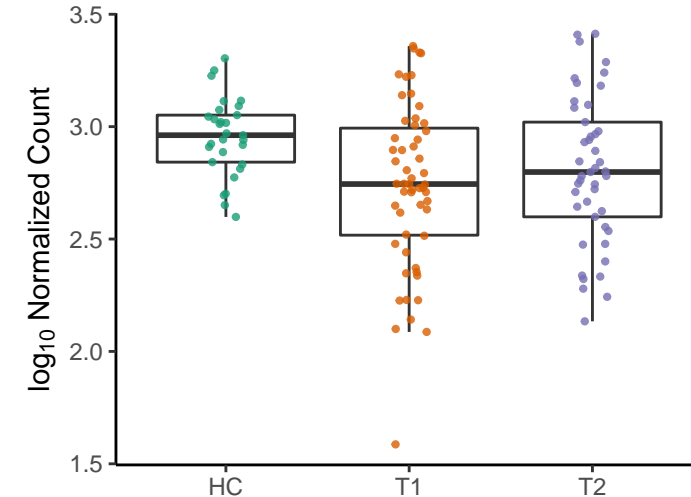
Ktedonobacteria

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



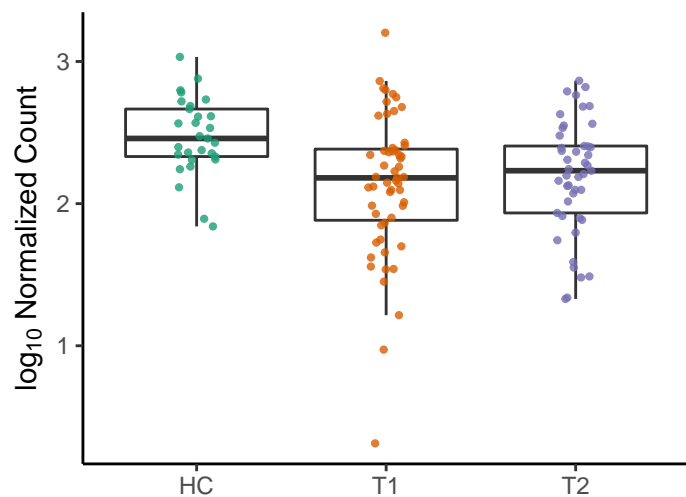
Phycisphaerae

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



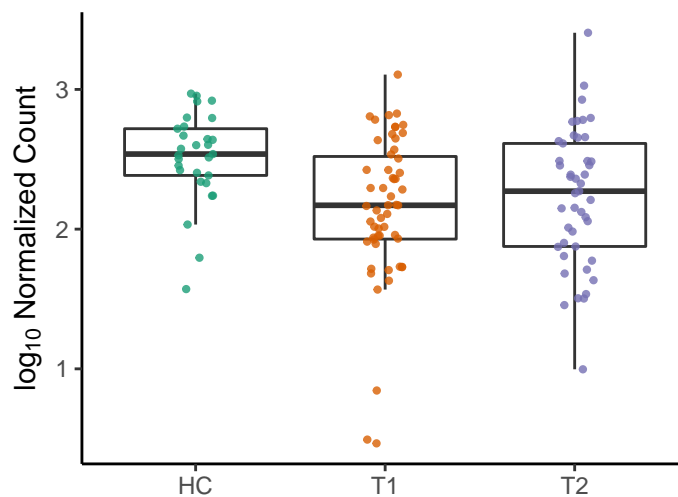
Tepidiformia

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



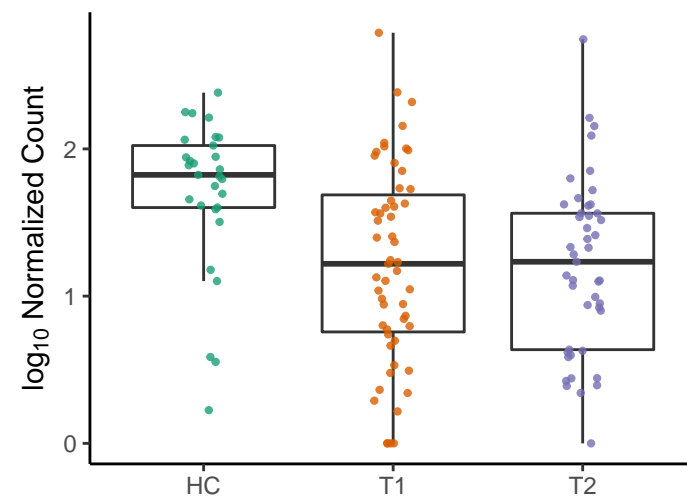
Thermoleophilia

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



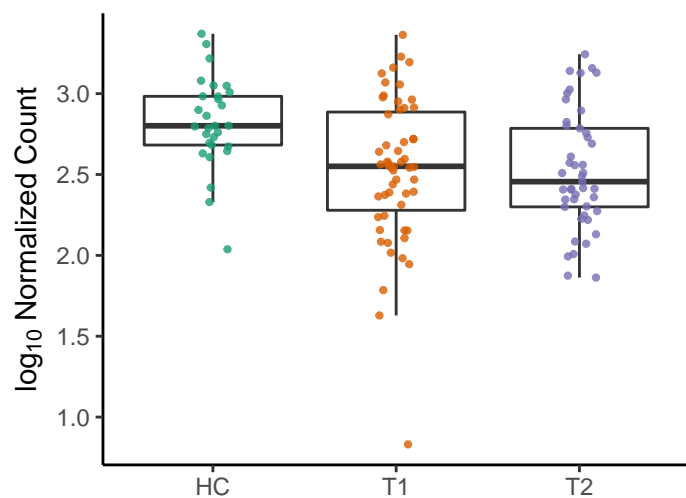
Unclassified Acidobacteria Phylum

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



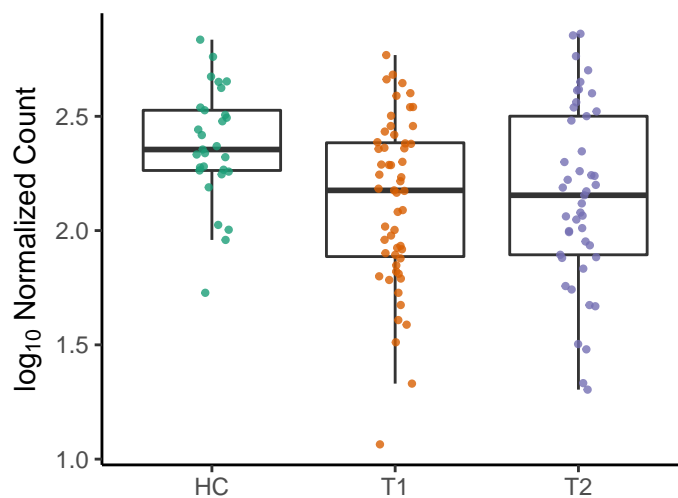
Unclassified Candidatus Saccharibacte

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



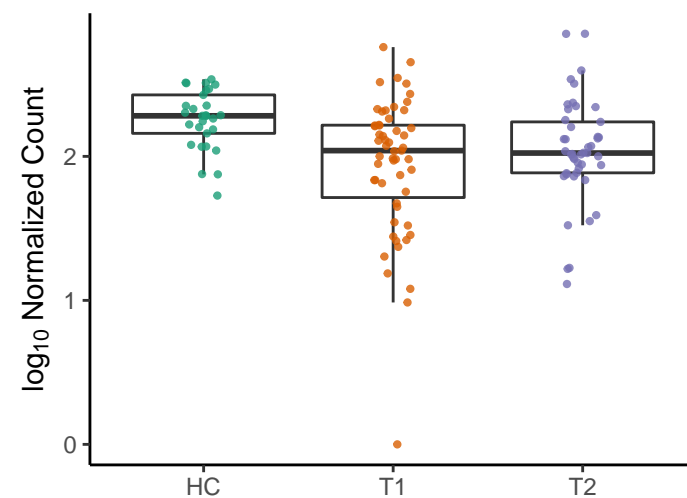
Ustilaginomycetes

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



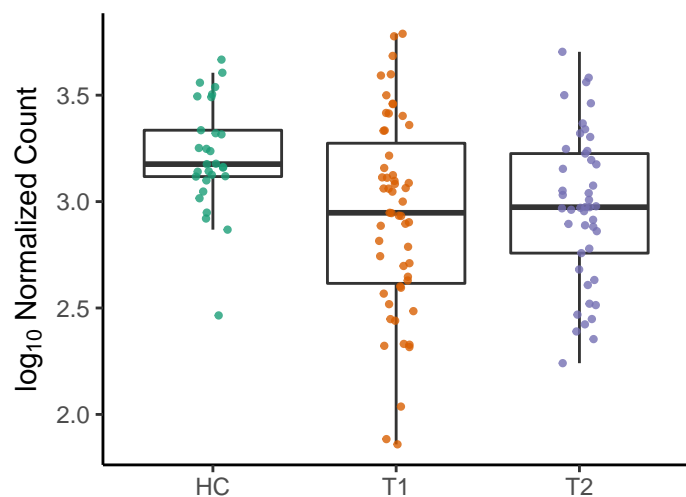
Zetaproteobacteria

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



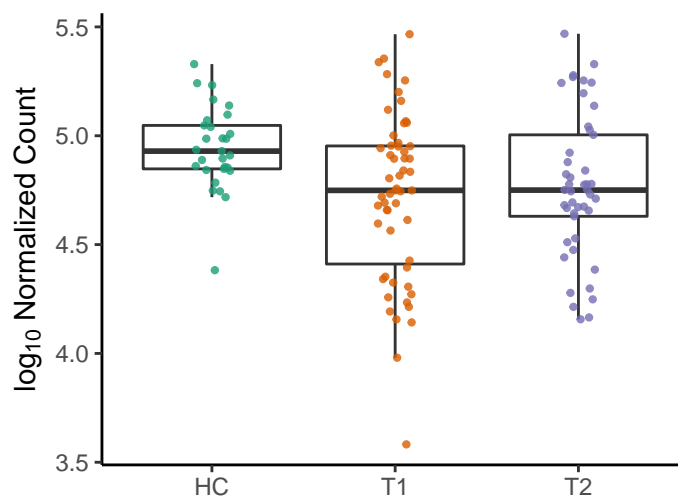
Opitutae

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



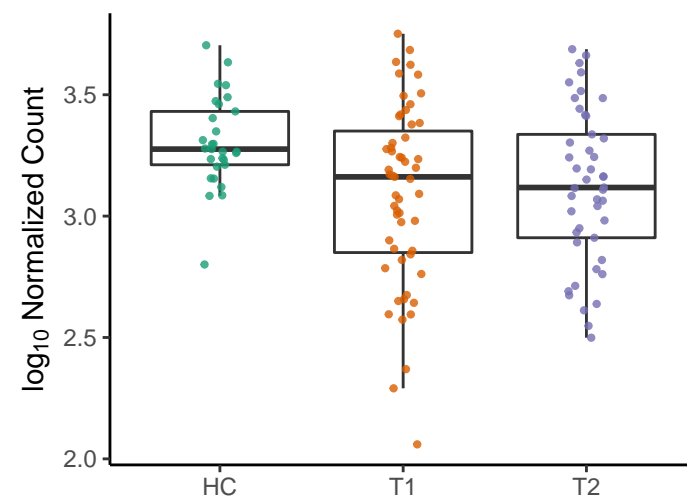
Alphaproteobacteria

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



Acidobacteriia

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

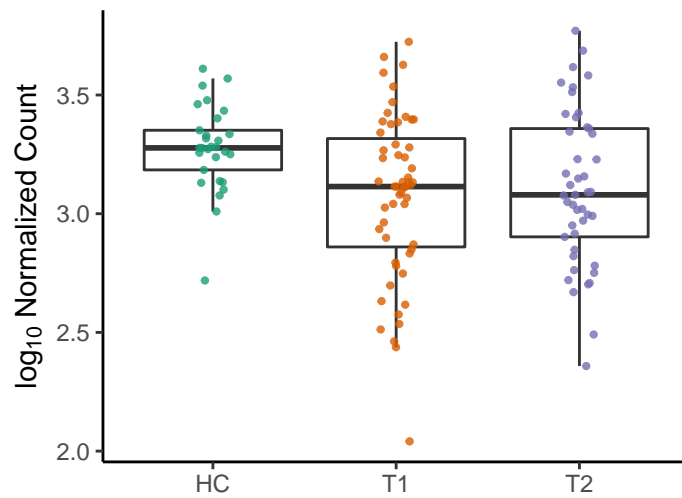


Chlorobia

non-ED vs. T1 adjusted $p = 0.0049$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$

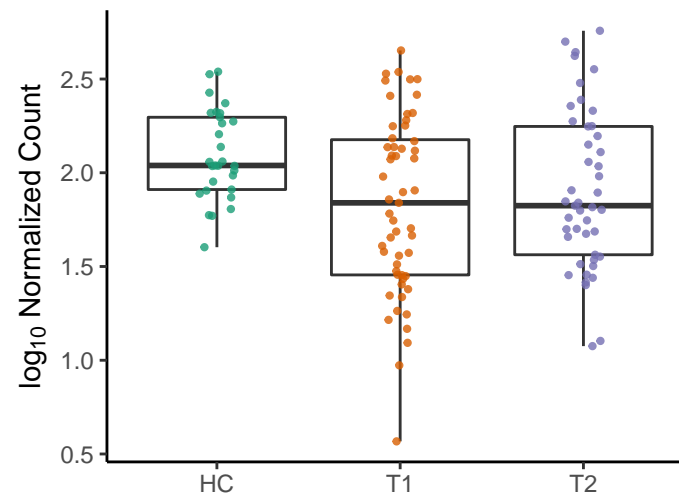


Methyloacidiphilae

non-ED vs. T1 adjusted $p = 0.0049$

non-ED vs. T2 adjusted $p = 0.038$

T1 vs. T2 adjusted $p = 0.76$

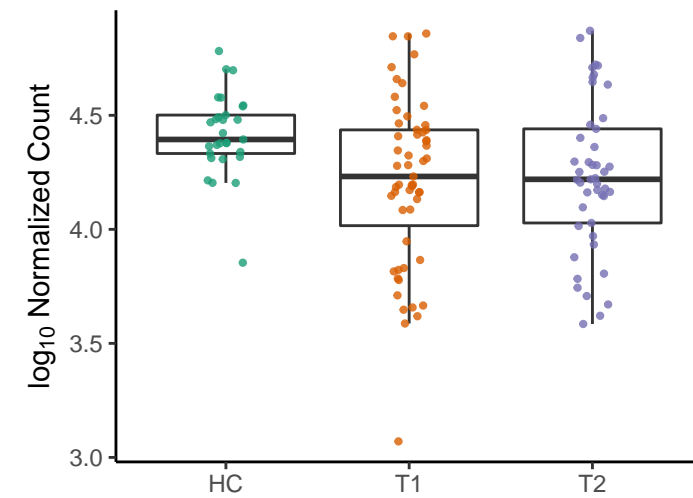


Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted $p = 0.005$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$

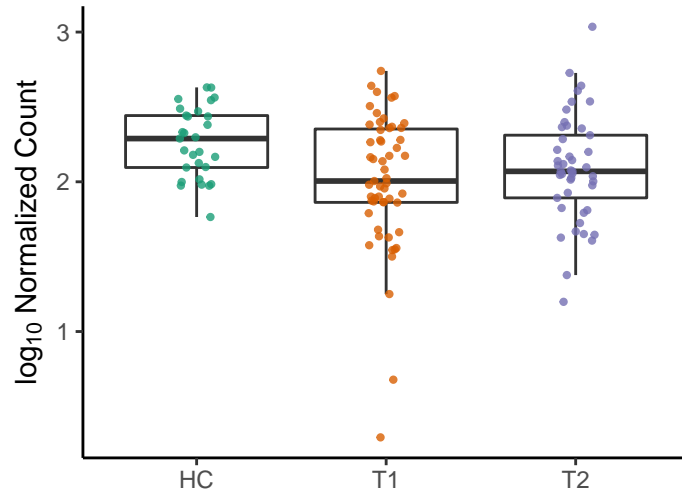


Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted $p = 0.0053$

non-ED vs. T2 adjusted $p = 0.033$

T1 vs. T2 adjusted $p = 0.76$

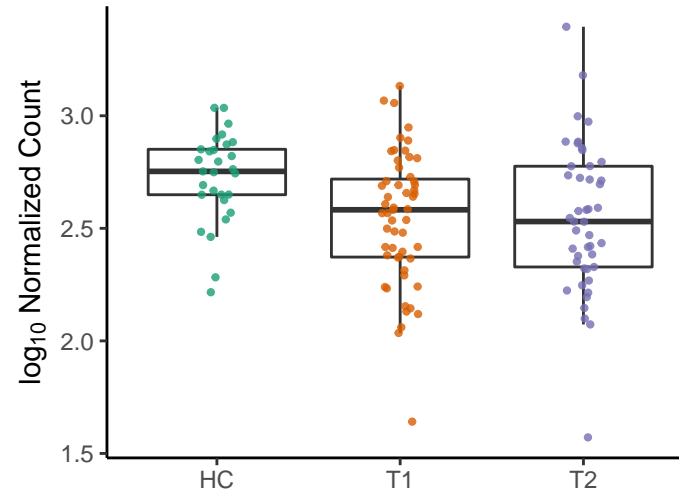


Eurotiomycetes

non-ED vs. T1 adjusted $p = 0.0058$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.96$

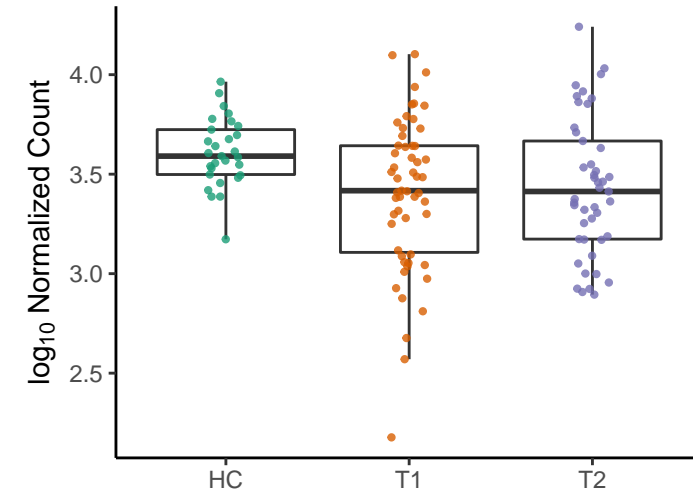


Planctomycetia

non-ED vs. T1 adjusted $p = 0.0058$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$

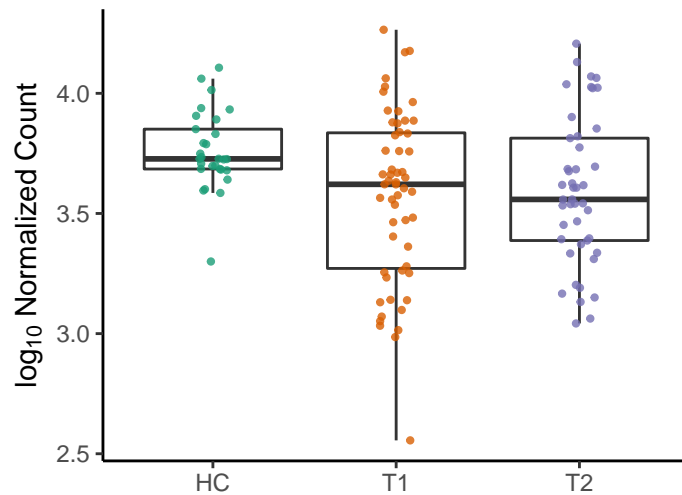


Unclassified Planctomycetes Phylum

non-ED vs. T1 adjusted $p = 0.006$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$

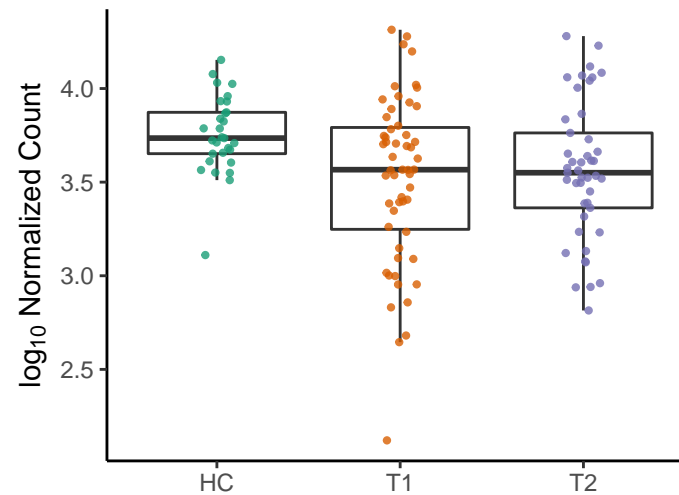


Deinococci

non-ED vs. T1 adjusted $p = 0.0062$

non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$

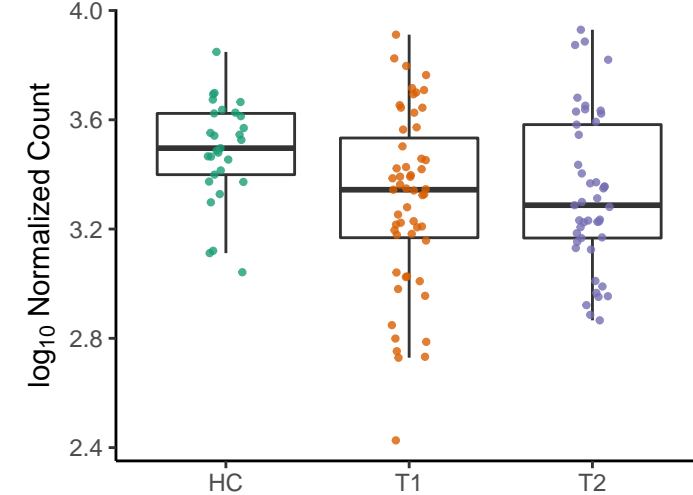


Sordariomycetes

non-ED vs. T1 adjusted $p = 0.0071$

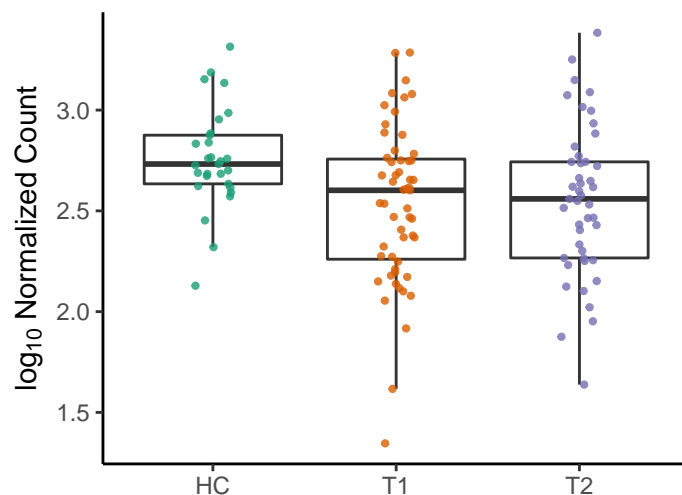
non-ED vs. T2 adjusted $p = 0.019$

T1 vs. T2 adjusted $p = 0.76$



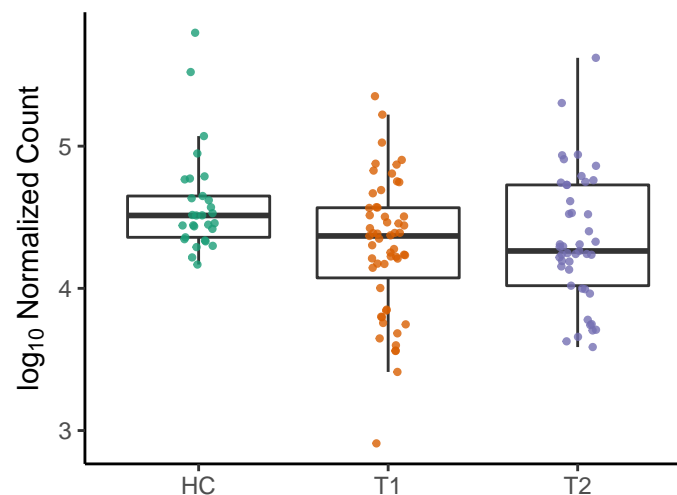
Chloroflexia

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



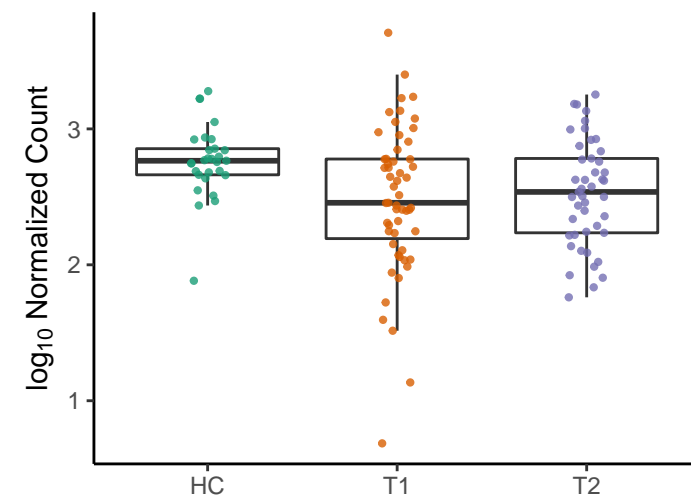
Deltaproteobacteria

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



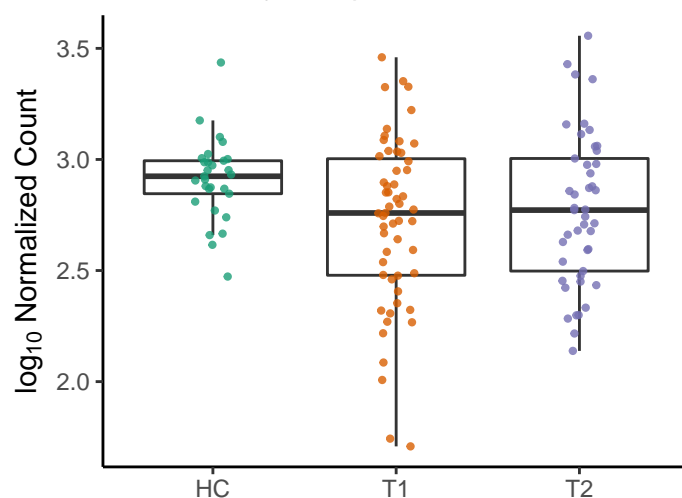
Nitiliruptoria

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



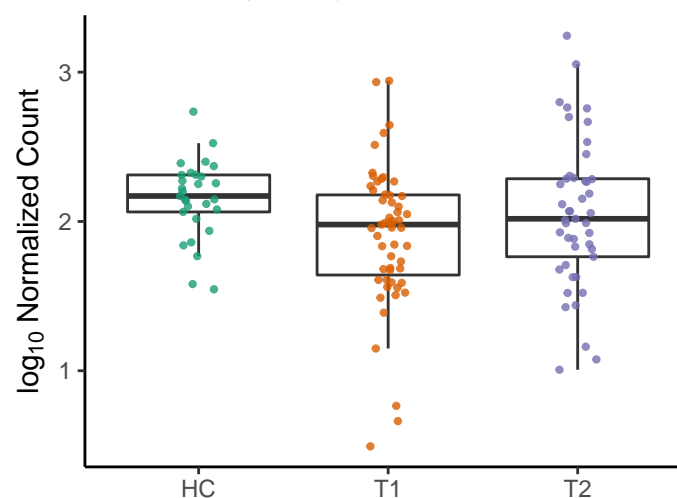
Anaerolineae

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



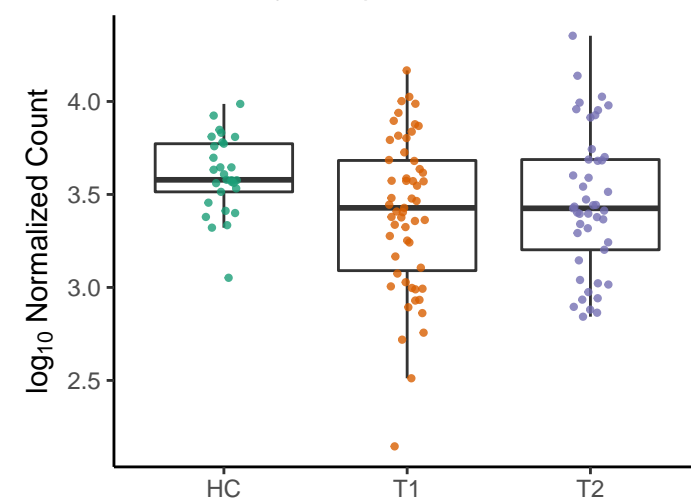
Fimbriimonadia

non-ED vs. T1 adjusted $p = 0.0097$
non-ED vs. T2 adjusted $p = 0.28$
T1 vs. T2 adjusted $p = 0.76$



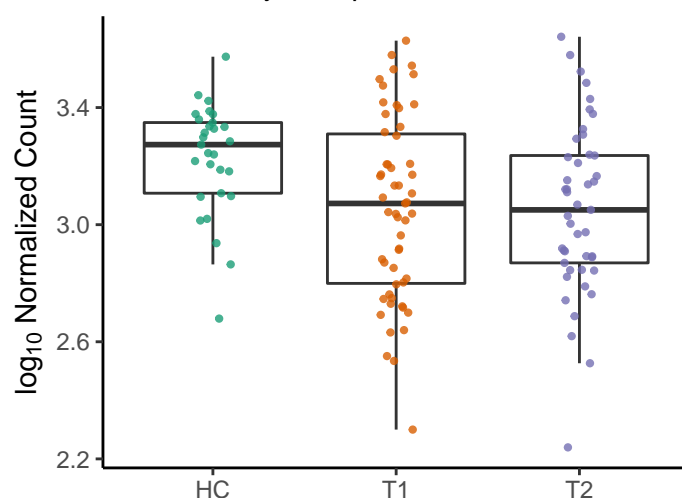
Halobacteria

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



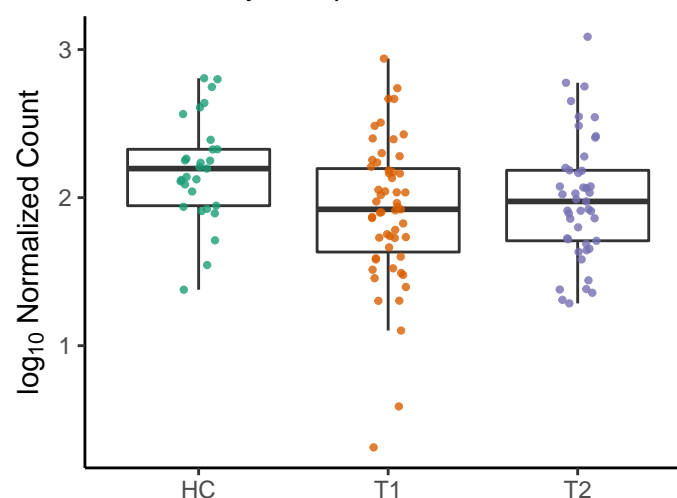
Thermotogae

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



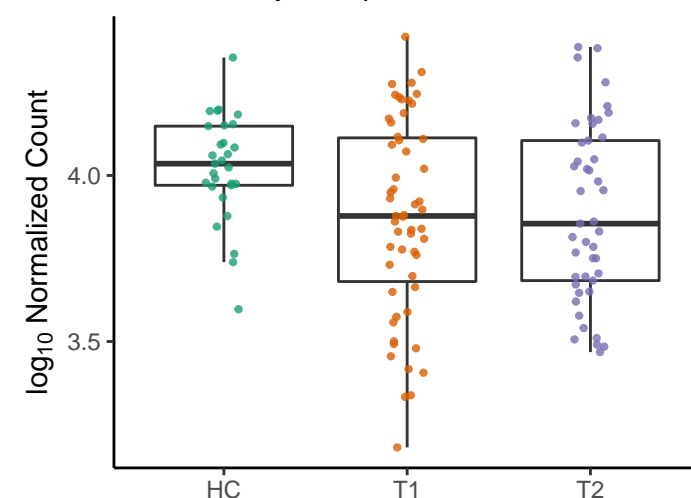
Kiritimatiellae

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



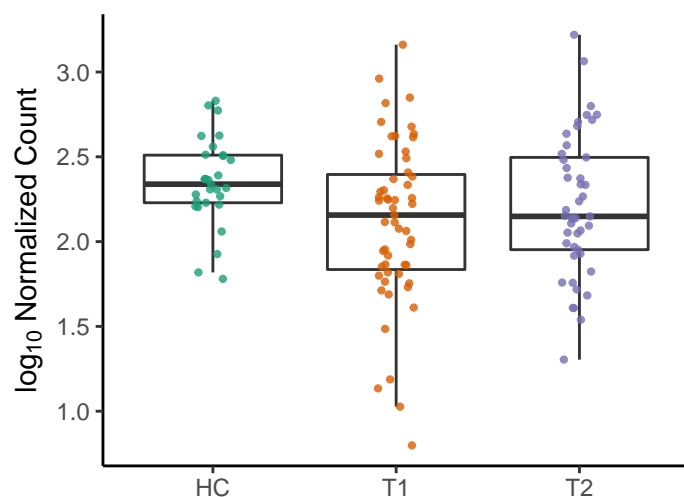
Unclassified Cyanobacteria Phylum

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



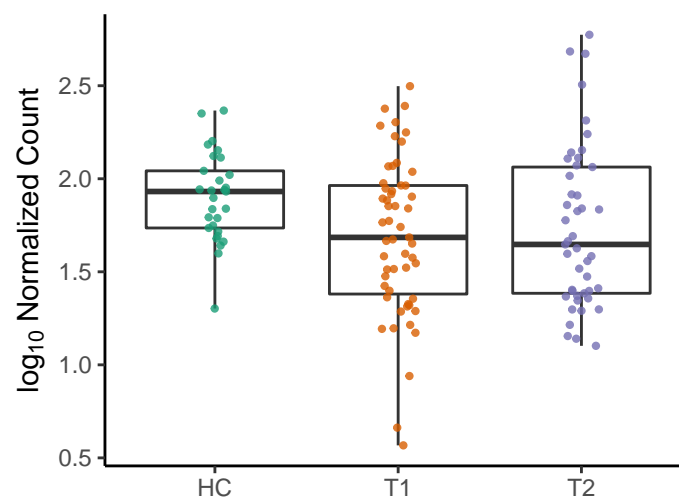
Vicinamibacteria

non-ED vs. T1 adjusted $p = 0.012$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.76$



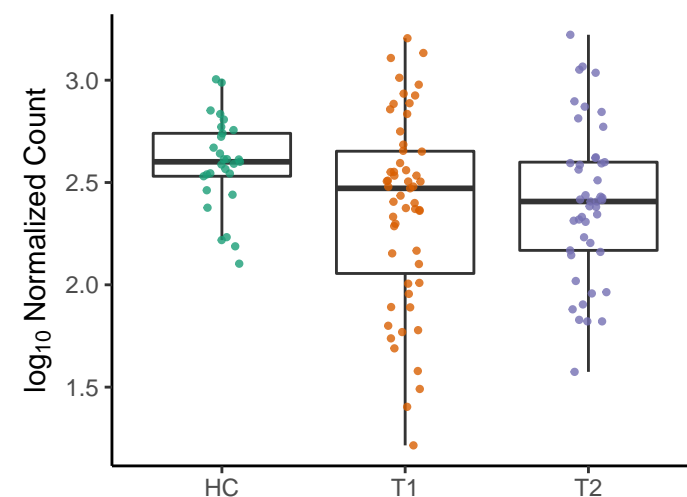
Chthonomonadetes

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



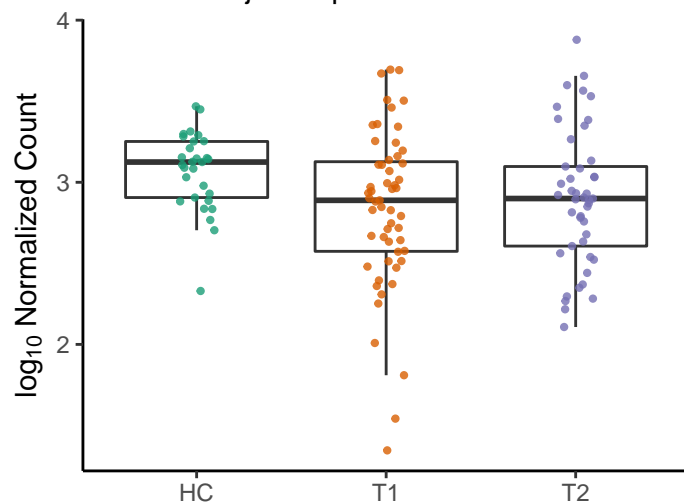
Gloeobacteria

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



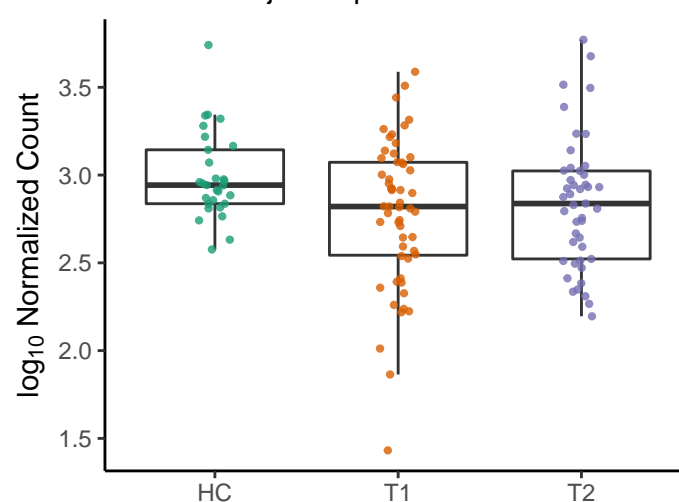
Rubrobacteria

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



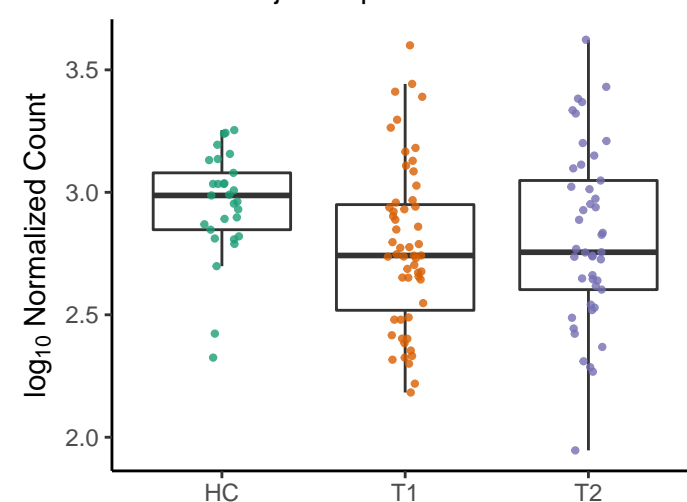
Dehalococcoidia

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



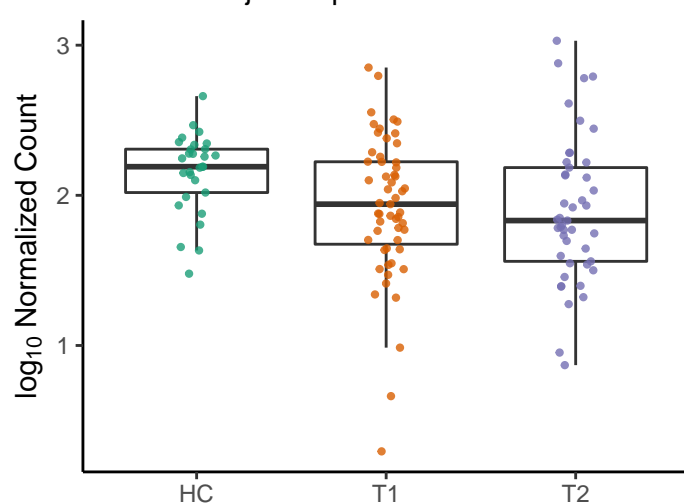
Thermococci

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



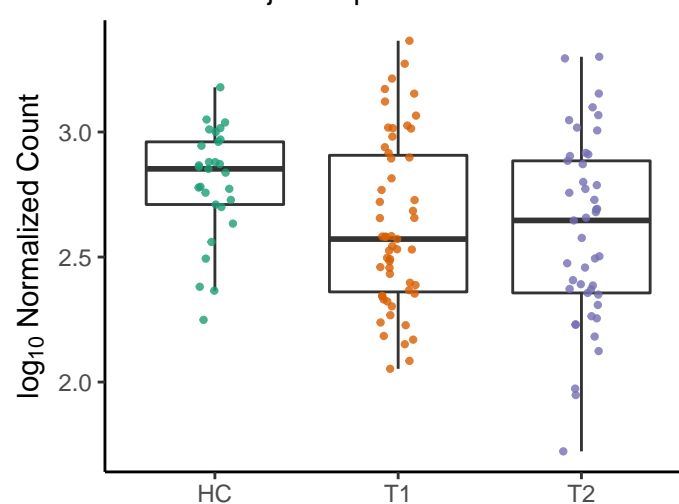
Blastocatellia

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



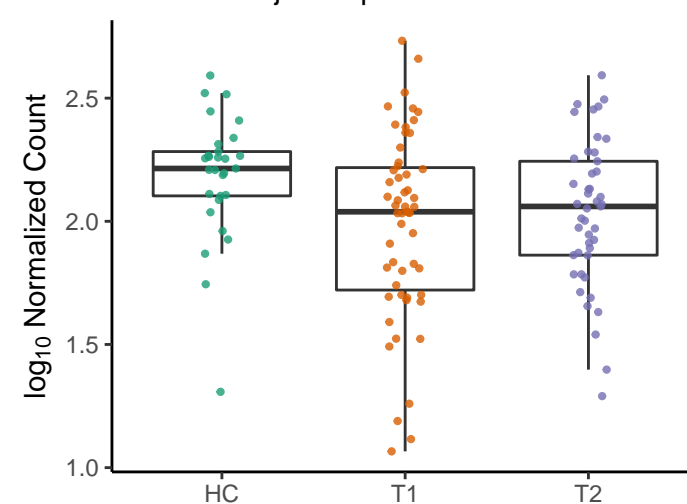
Methanococci

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



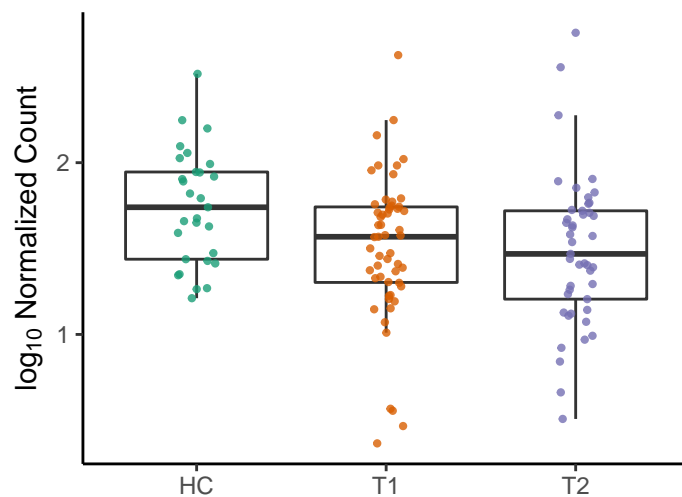
Archaeoglobi

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



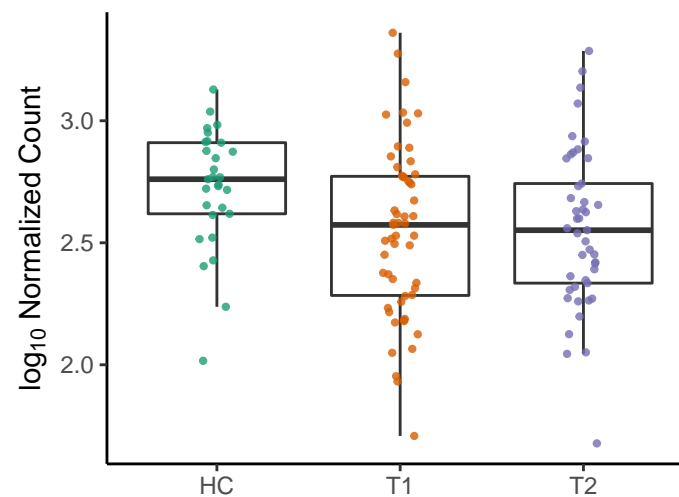
Elusimicrobia

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



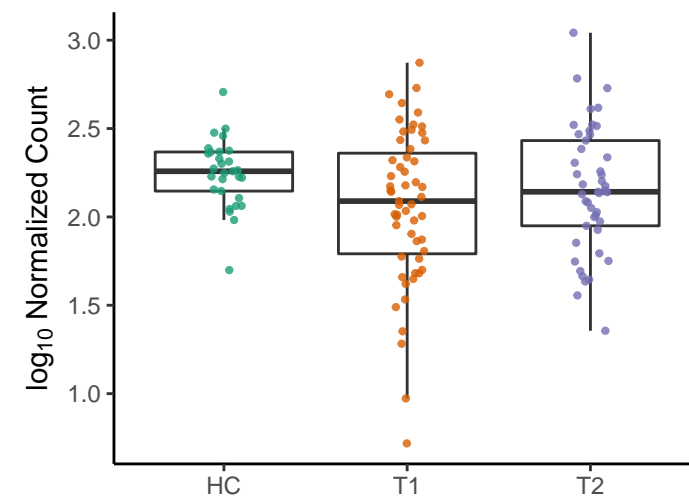
Deferribacteres

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



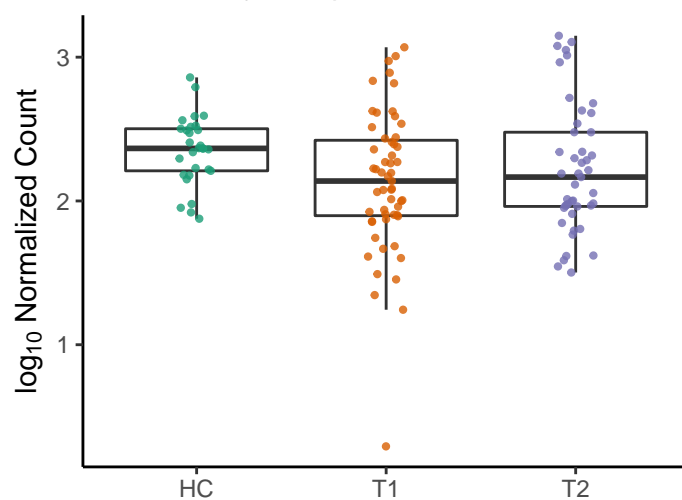
Unclassified Kiritimatiellaeota Phylum

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.18$
T1 vs. T2 adjusted $p = 0.76$



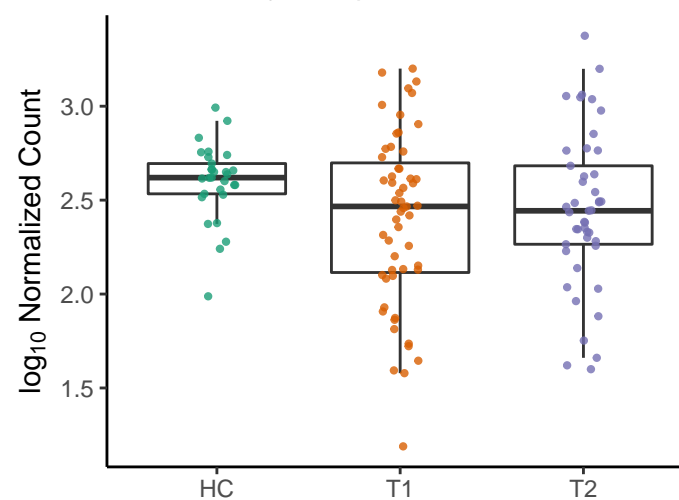
Caldilineae

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.76$



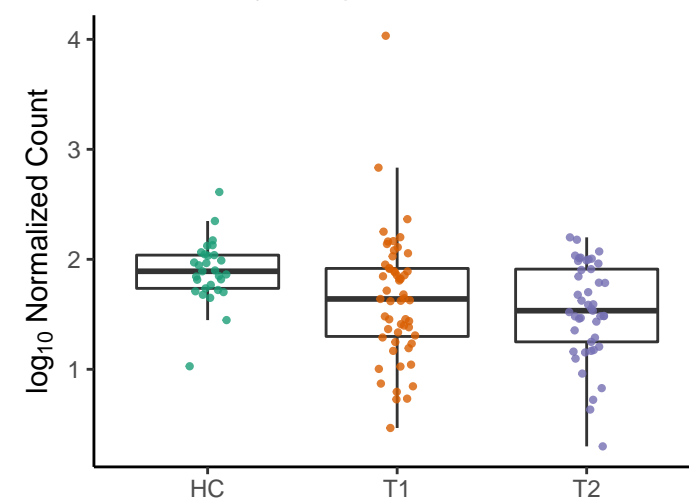
Limnochordia

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



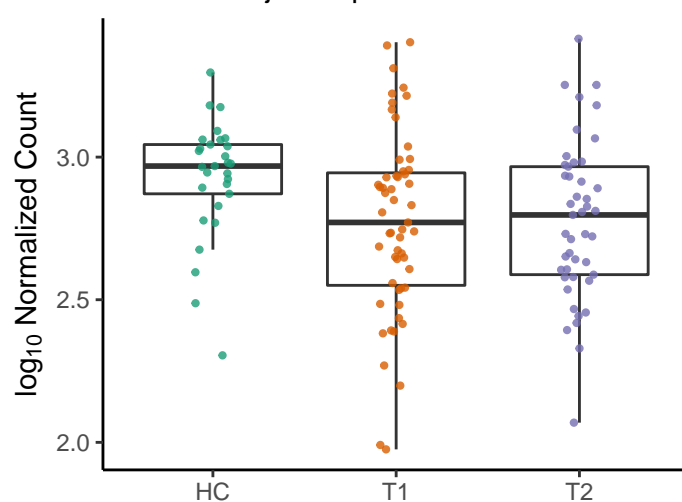
Malasseziomycetes

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



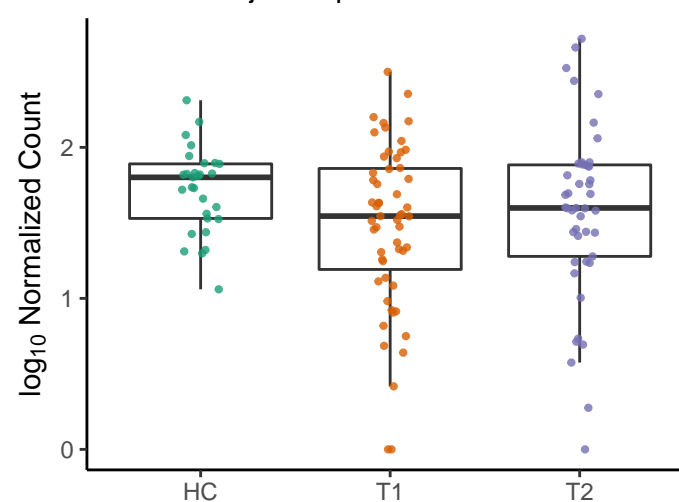
Oligoflexia

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



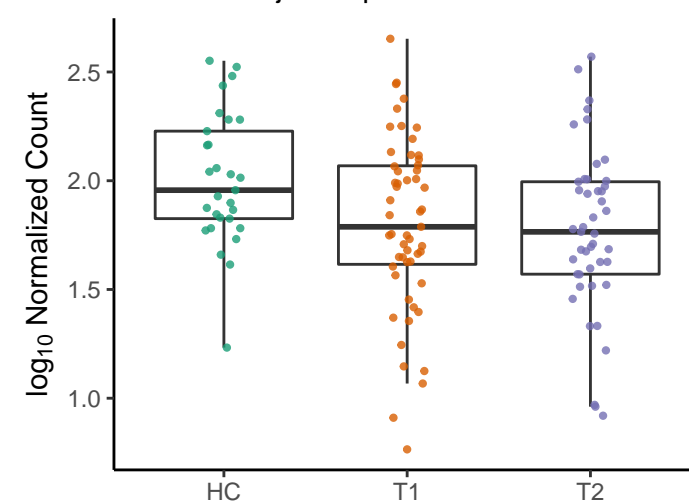
Unclassified Candidatus Bipolaricaulota

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.17$
T1 vs. T2 adjusted $p = 0.76$



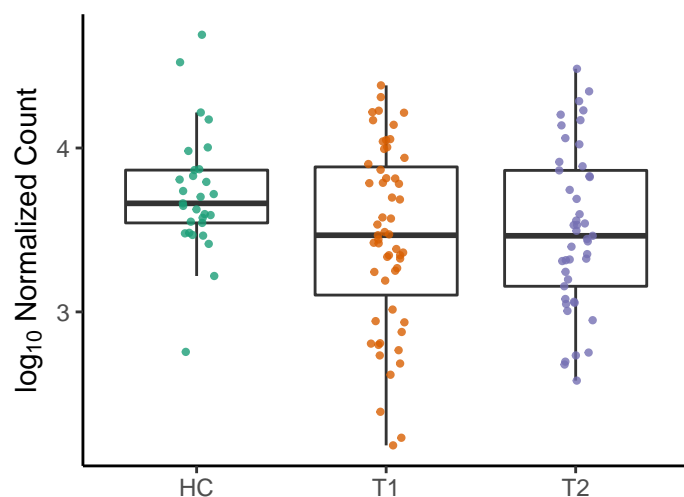
Endomicrobia

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



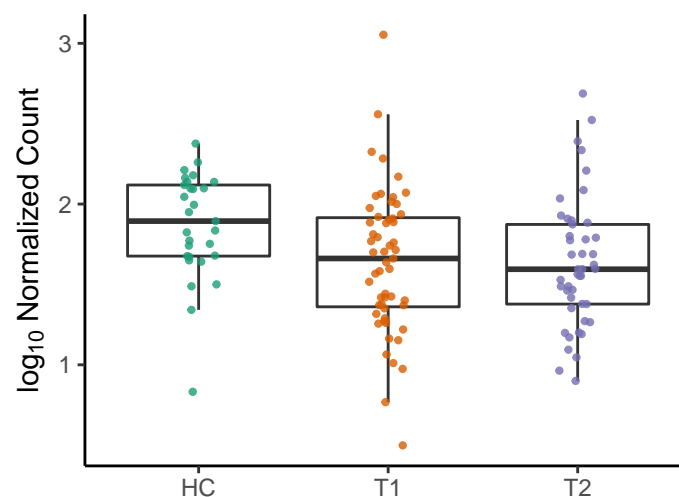
Unclassified Actinobacteria Phylum

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



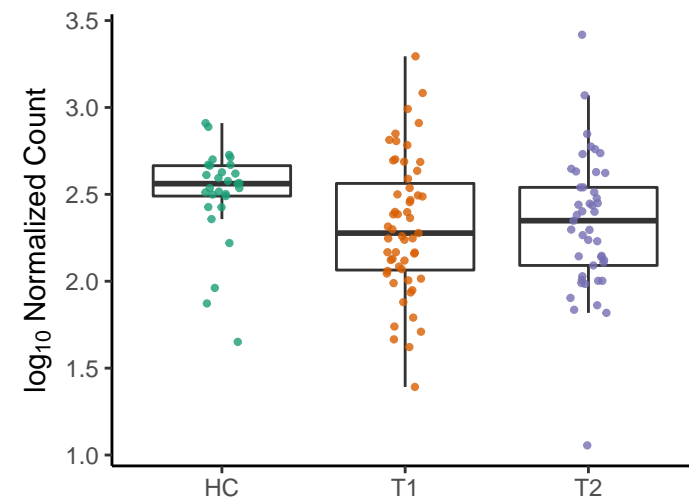
Unclassified Euryarchaeota Phylum

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



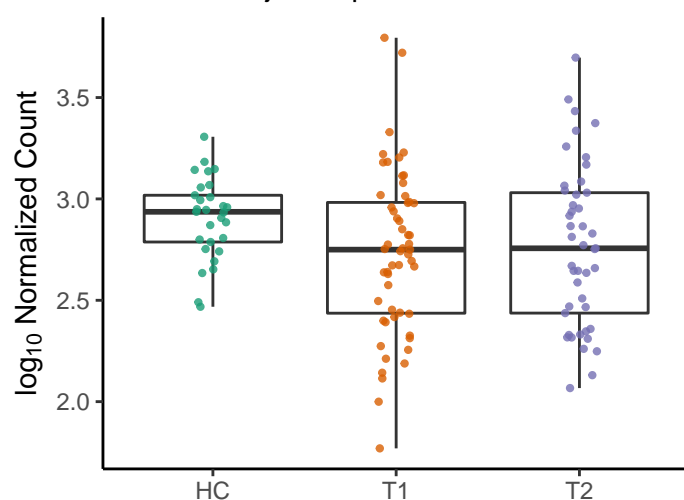
Ignavibacteria

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



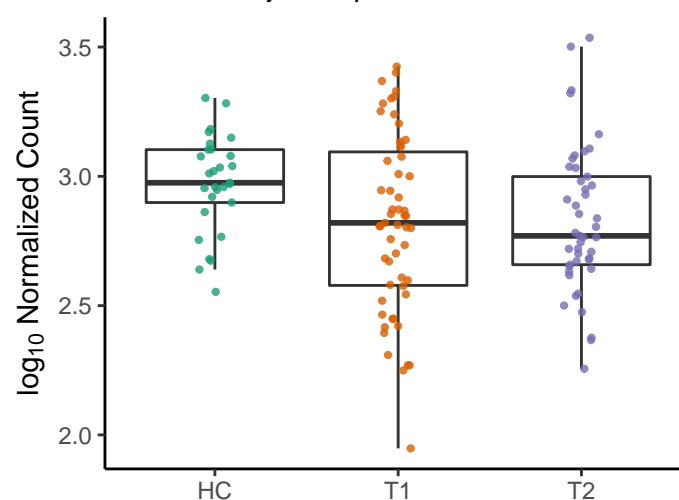
Thermoplasmata

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



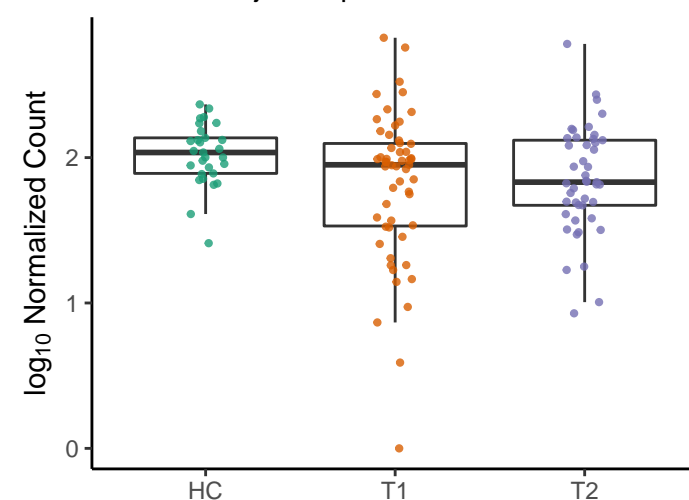
Thermoprotei

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



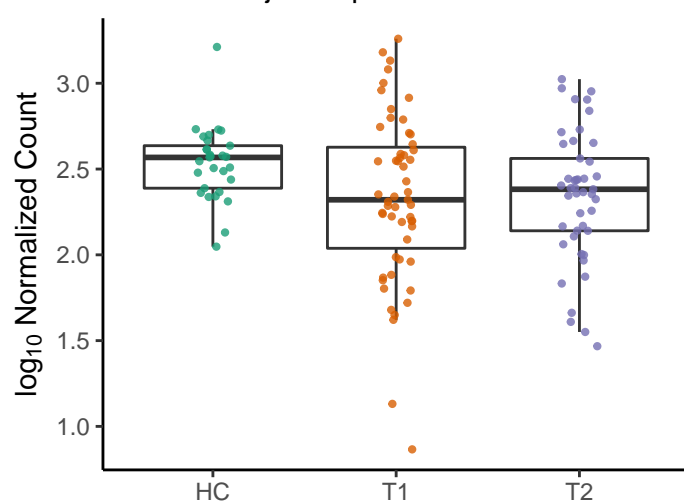
Unclassified Balneolaeota Phylum

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



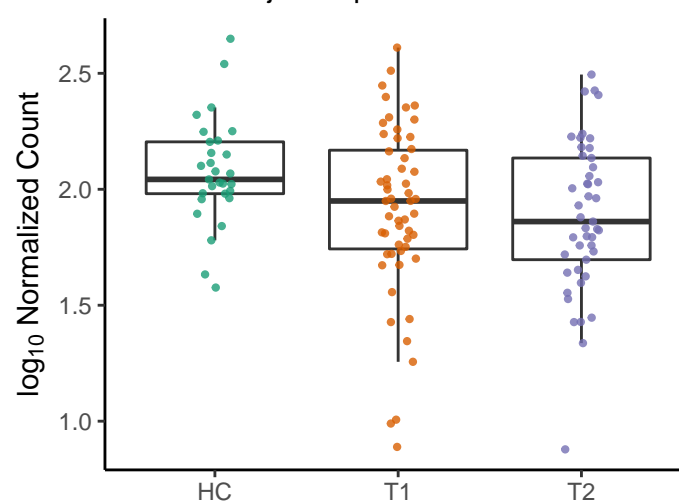
Unclassified Verrucomicrobia Phylum

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



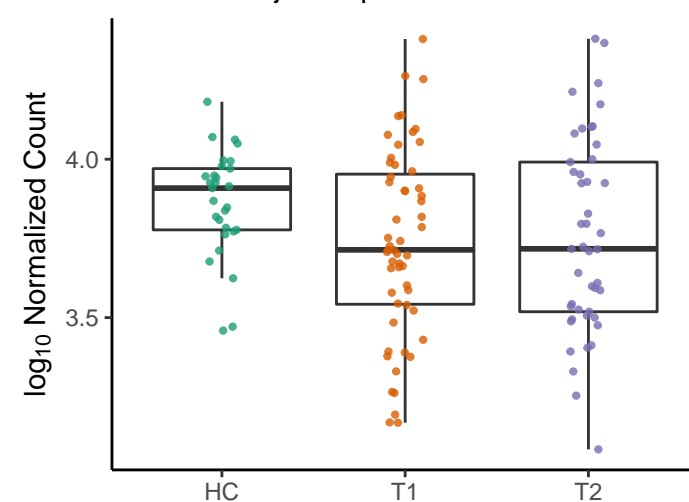
Nitrososphaeria

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



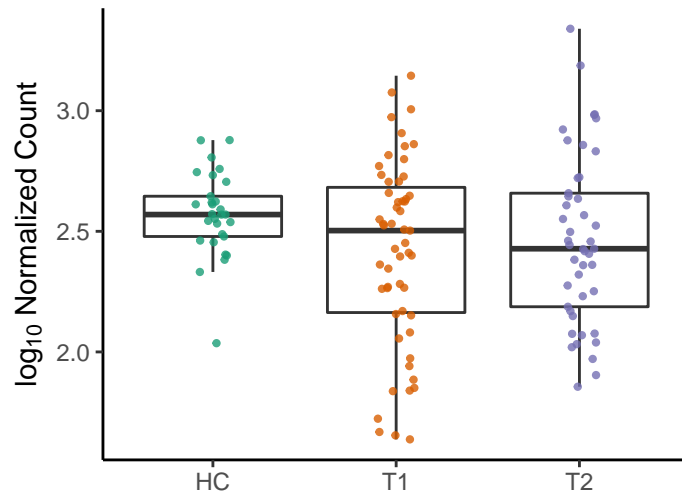
Spirochaetia

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



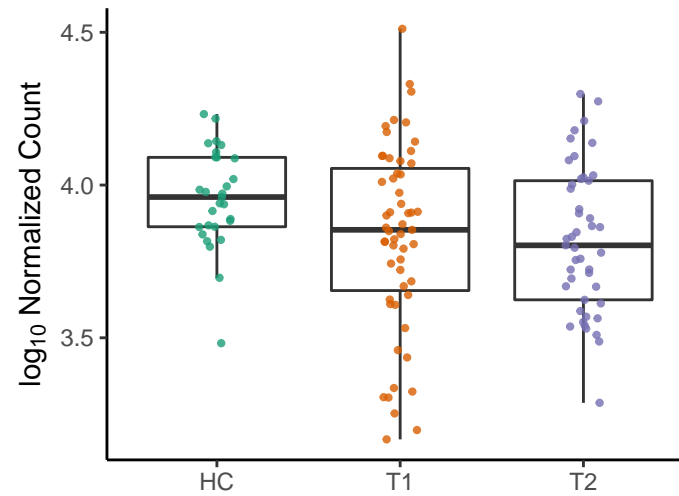
Acidithiobacillia

non-ED vs. T1 adjusted $p = 0.026$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.76$



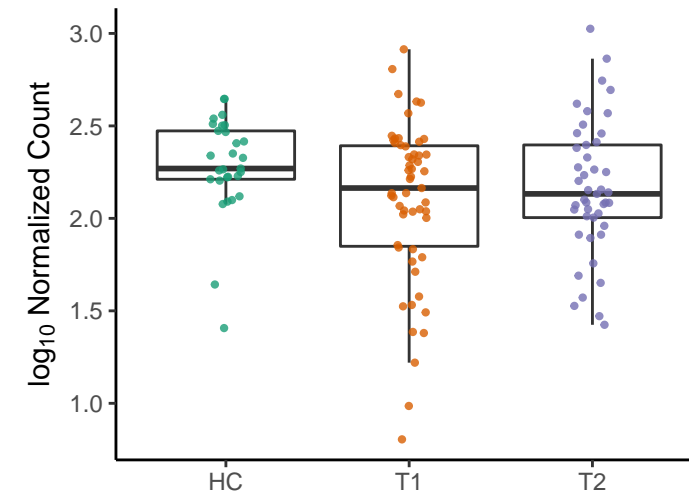
Cytophagia

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



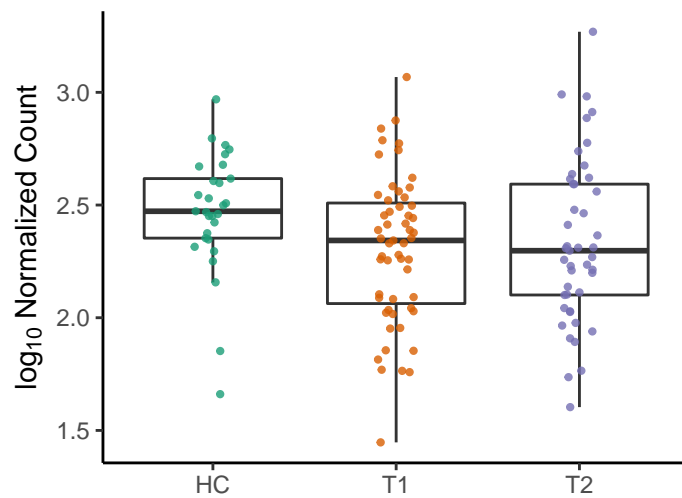
Chrysiogenetes

non-ED vs. T1 adjusted $p = 0.027$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.76$



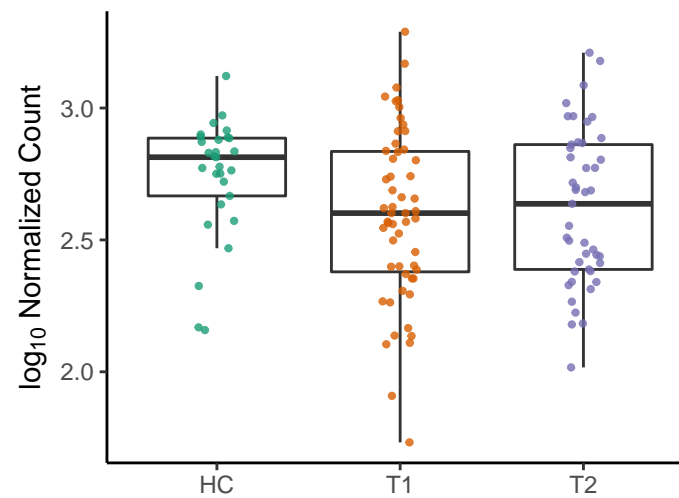
Dothideomycetes

non-ED vs. T1 adjusted $p = 0.027$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.76$



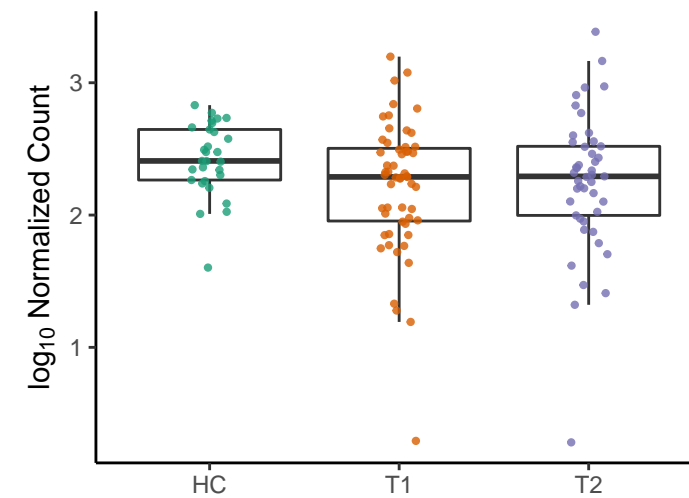
Chlamydiia

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



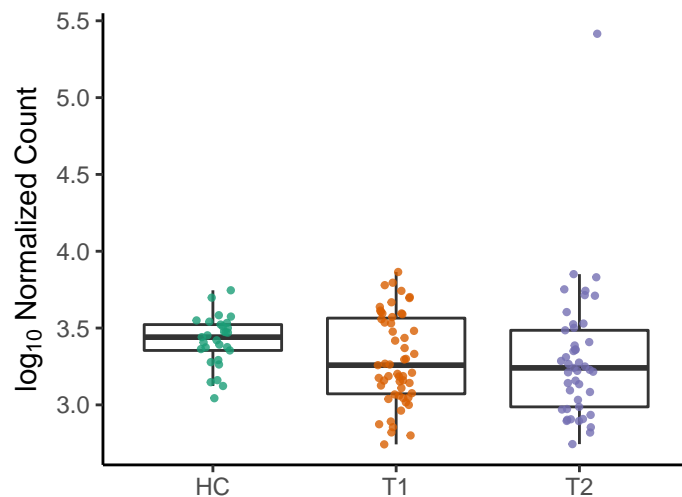
Thermomicrobia

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



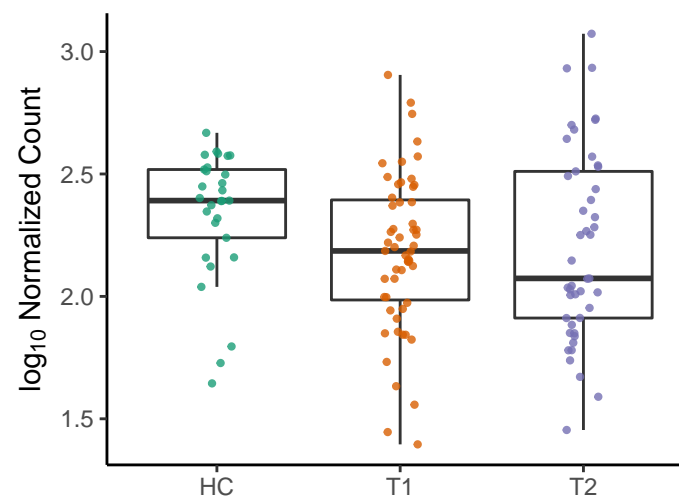
Saccharomycetes

non-ED vs. T1 adjusted $p = 0.028$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.93$



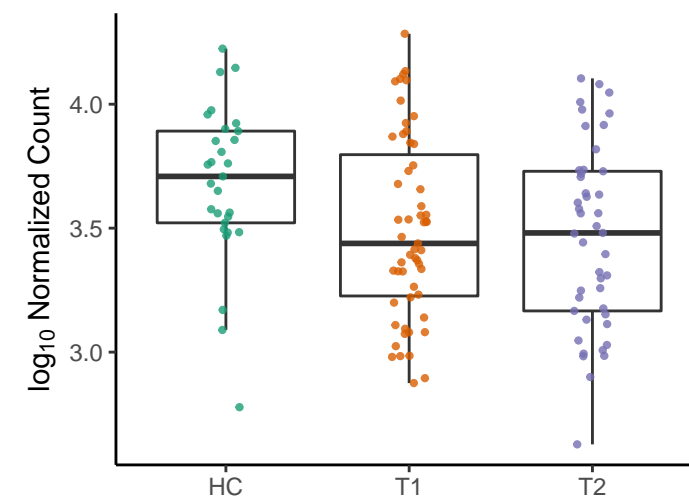
Leotiomycetes

non-ED vs. T1 adjusted $p = 0.03$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.96$



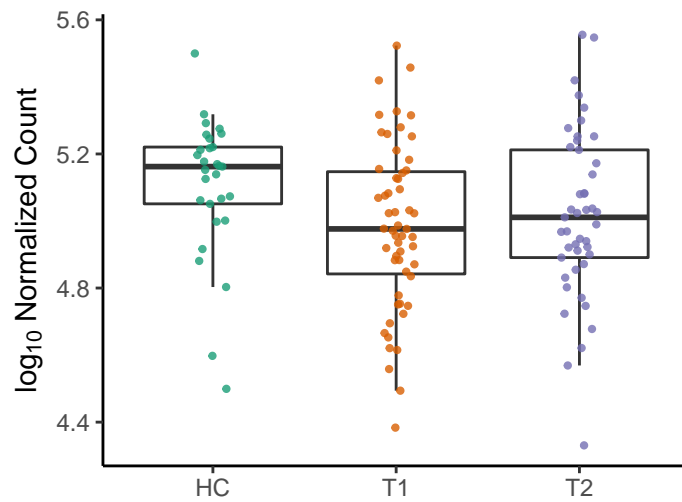
Mollicutes

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



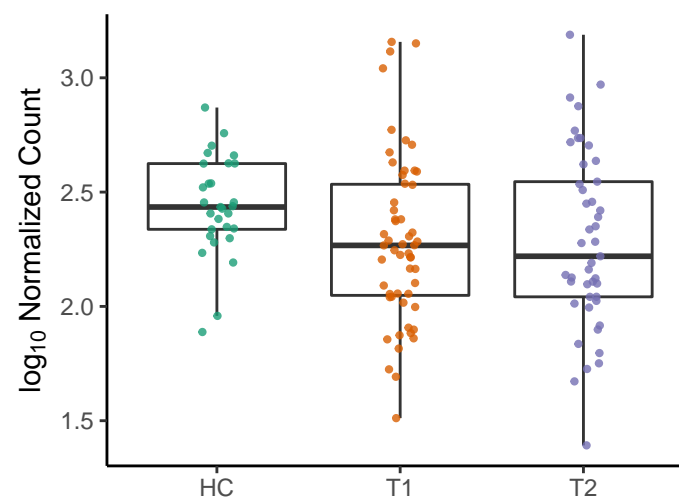
Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted $p = 0.032$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.76$



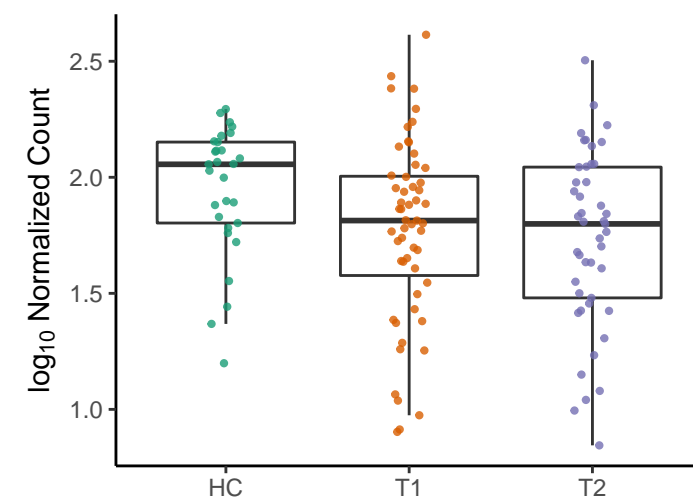
Tremellomycetes

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



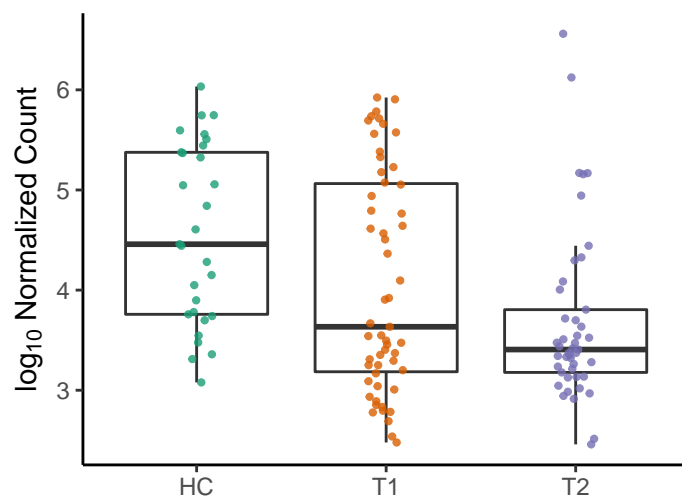
Candidatus Brocadiae

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



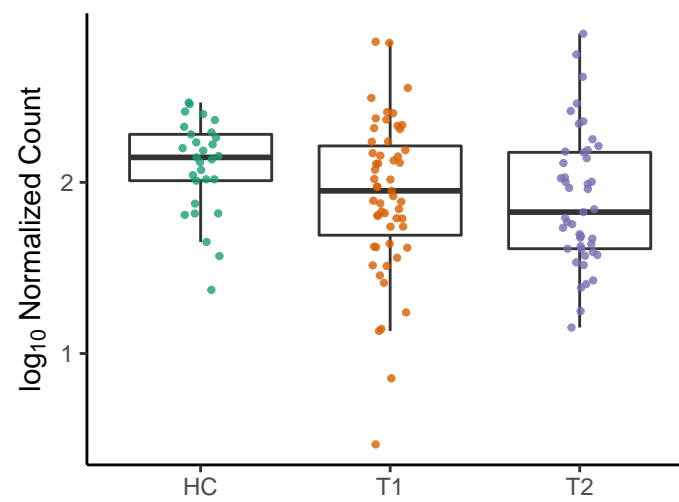
Verrucomicrobiae

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



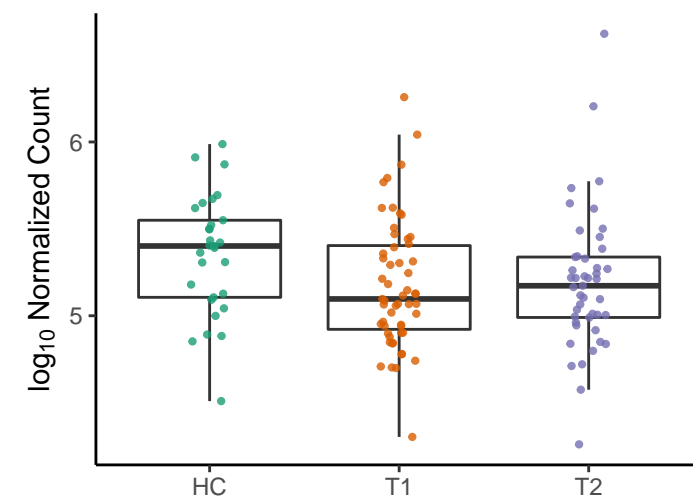
Calditrichae

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



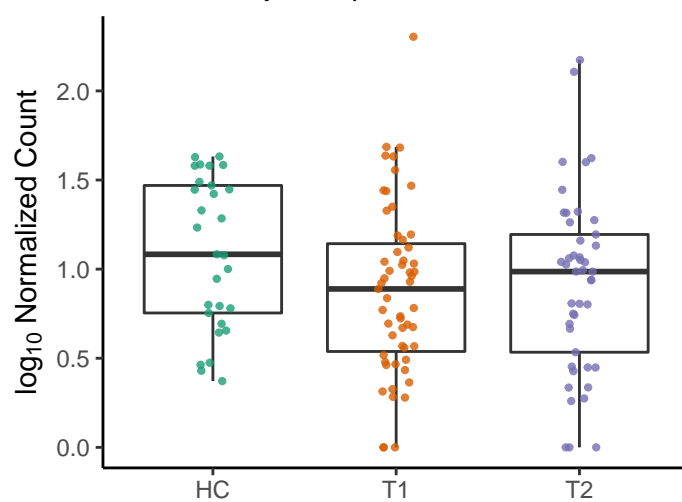
Erysipelotrichia

non-ED vs. T1 adjusted $p = 0.05$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.93$



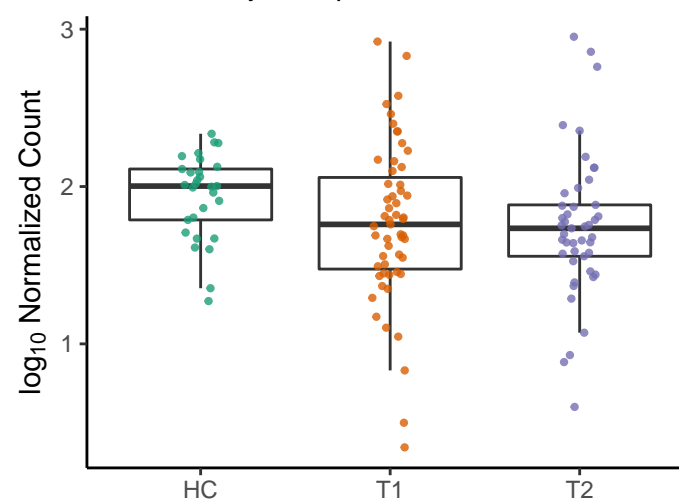
Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted $p = 0.057$
non-ED vs. T2 adjusted $p = 0.15$
T1 vs. T2 adjusted $p = 0.92$



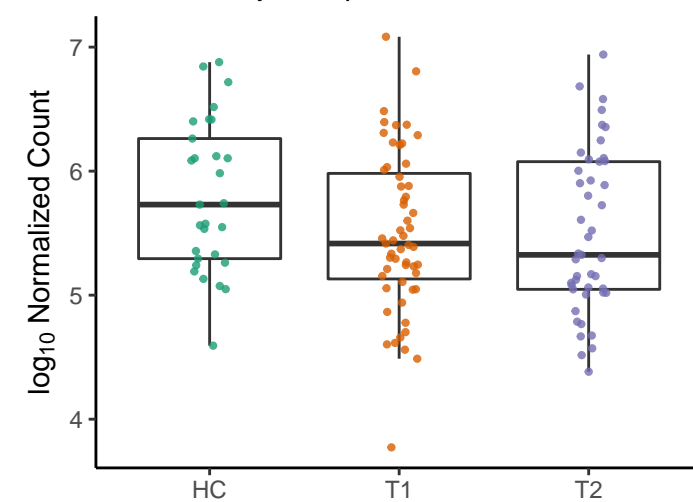
Unclassified candidate division Zixibacte

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



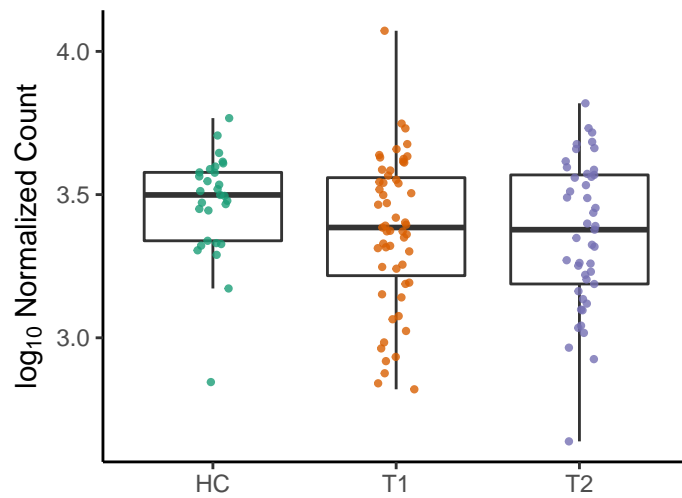
Actinobacteria

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



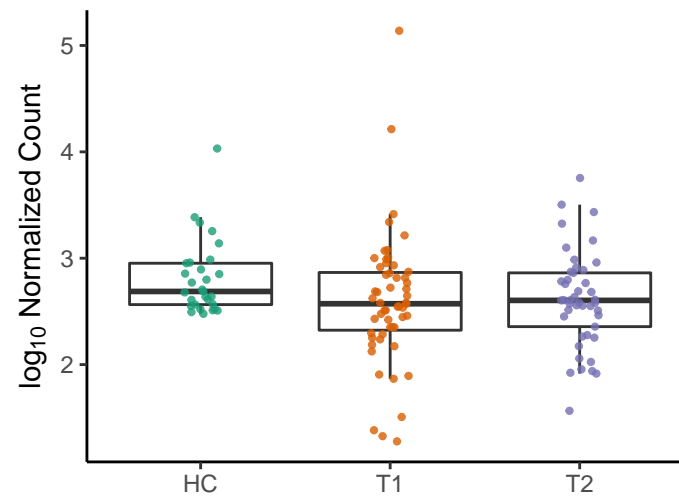
Chitinophagia

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



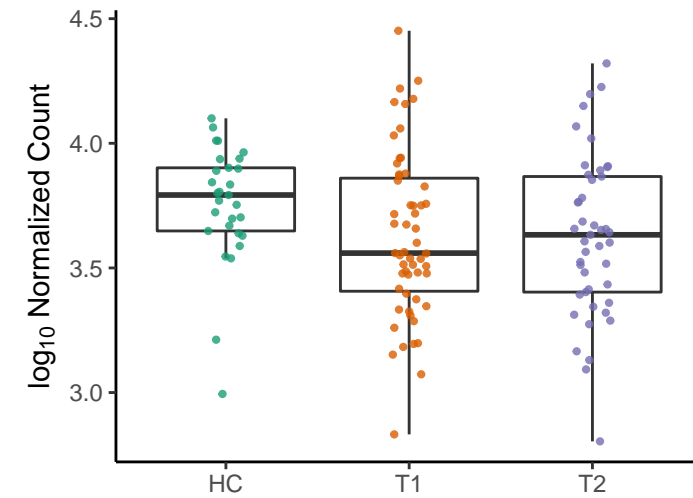
Lentisphaeria

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



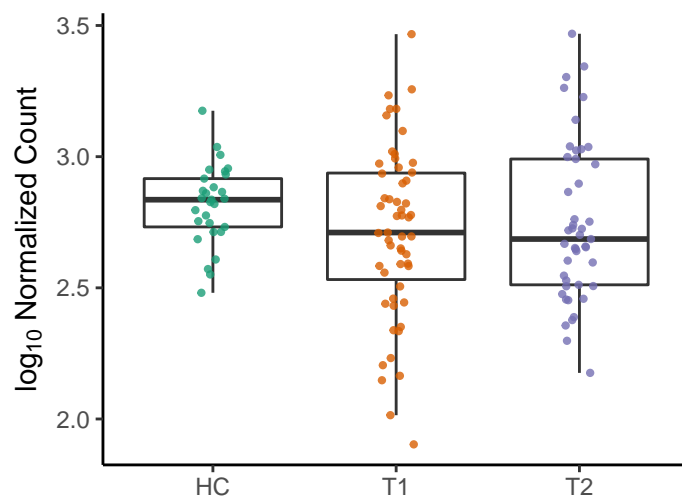
Tissierellia

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



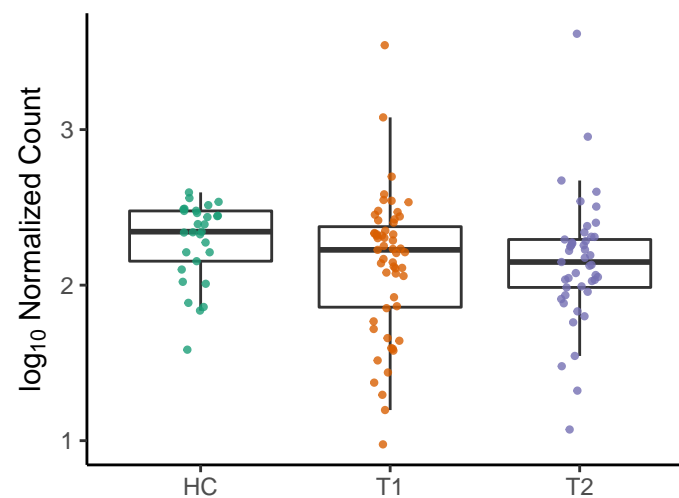
Nitrospira

non-ED vs. T1 adjusted $p = 0.064$
non-ED vs. T2 adjusted $p = 0.21$
T1 vs. T2 adjusted $p = 0.76$



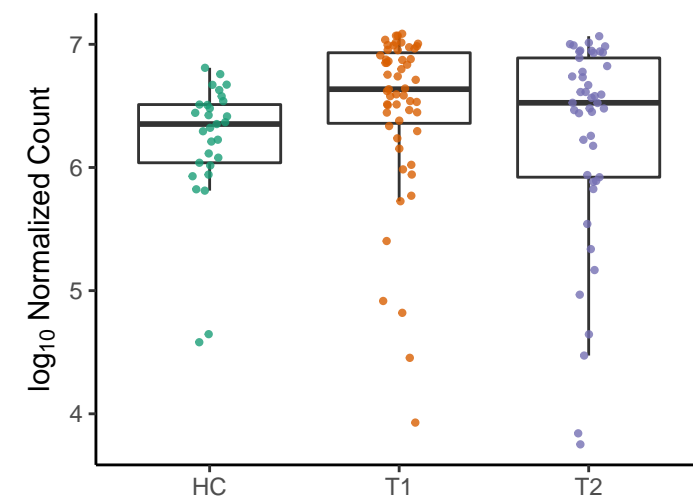
Saprospira

non-ED vs. T1 adjusted $p = 0.068$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.93$



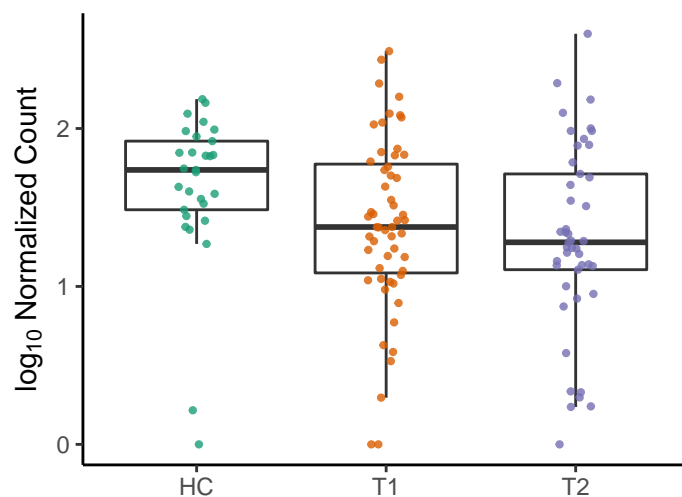
Bacteroidia

non-ED vs. T1 adjusted $p = 0.069$
non-ED vs. T2 adjusted $p = 0.81$
T1 vs. T2 adjusted $p = 0.15$



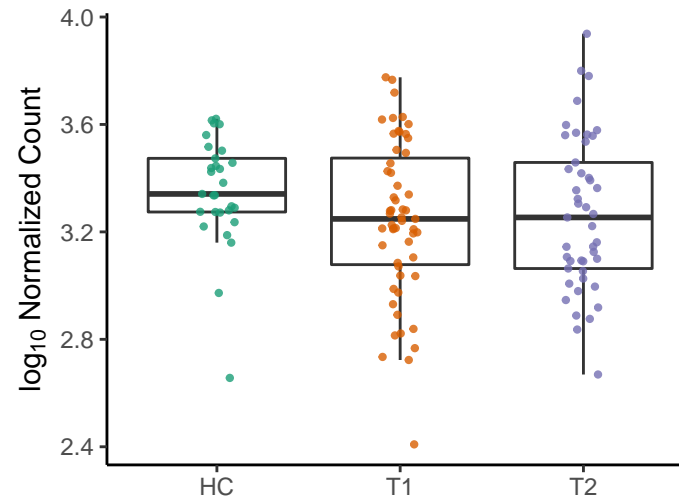
Unclassified Candidatus Gracilibacteria I

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



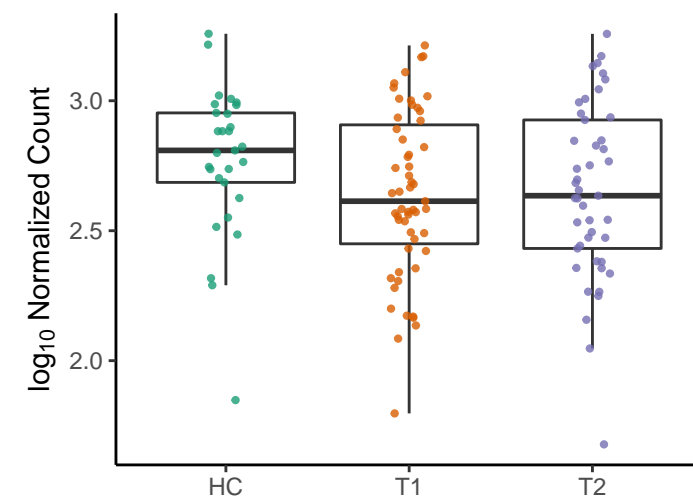
Methanomicrobia

non-ED vs. T1 adjusted $p = 0.074$
non-ED vs. T2 adjusted $p = 0.16$
T1 vs. T2 adjusted $p = 0.85$



Aquificae

non-ED vs. T1 adjusted $p = 0.074$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.93$



Coriobacteriia

non-ED vs. T1 adjusted p = 0.087

non-ED vs. T2 adjusted p = 0.28

T1 vs. T2 adjusted p = 0.76

