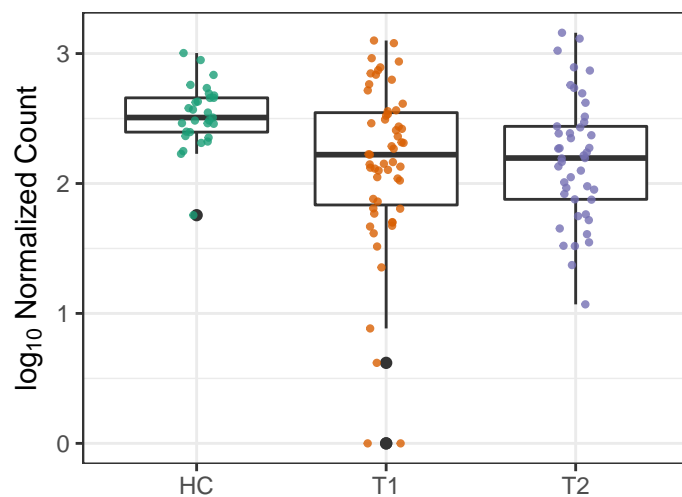


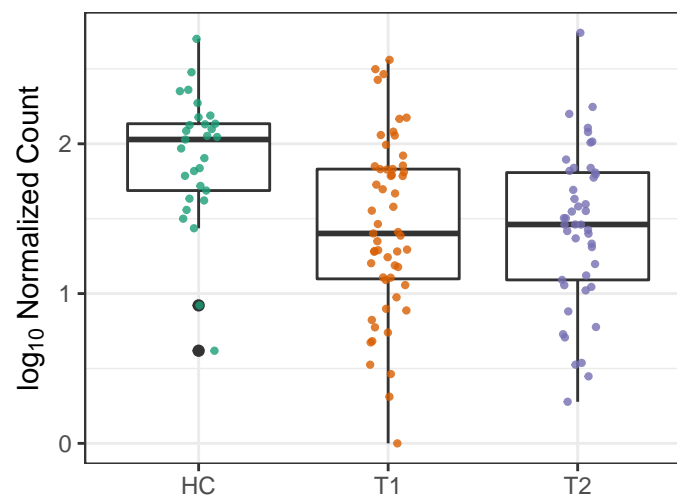
### Ardenticatenia

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.0041$   
T1 vs. T2  $p = 0.77$



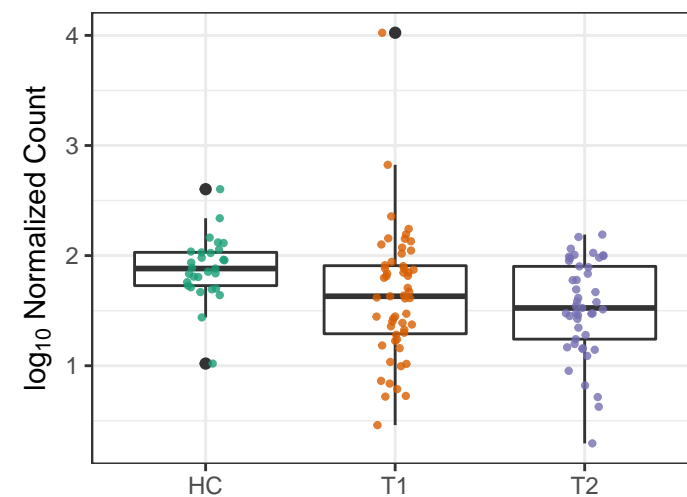
### Coprothermobacteria

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.0041$   
T1 vs. T2  $p = 0.93$



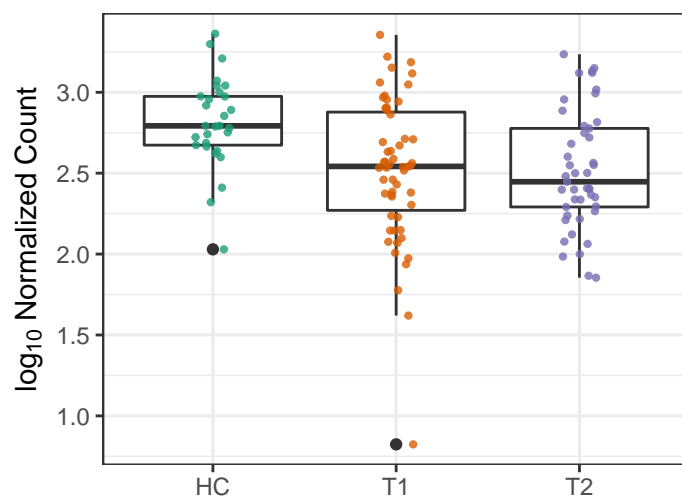
### Malasseziomycetes

HC vs. T1  $p = 0.02$   
HC vs. T2  $p = 0.0041$   
T1 vs. T2  $p = 0.77$



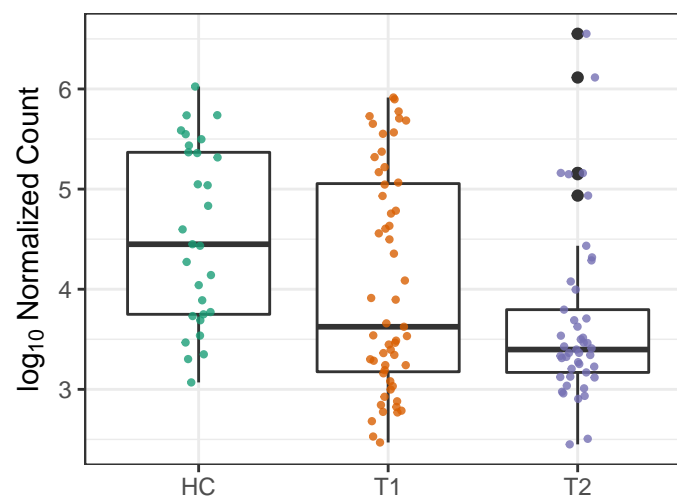
### Unclassified Candidatus Saccharibacte

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.0041$   
T1 vs. T2  $p = 0.93$



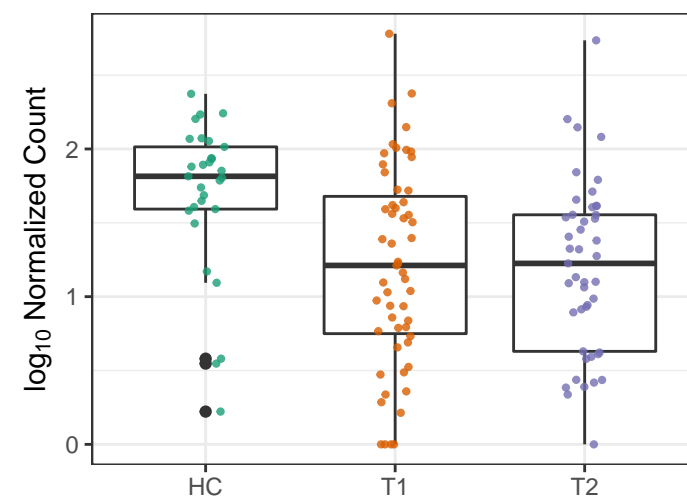
### Verrucomicrobiae

HC vs. T1  $p = 0.038$   
HC vs. T2  $p = 0.0041$   
T1 vs. T2  $p = 0.77$



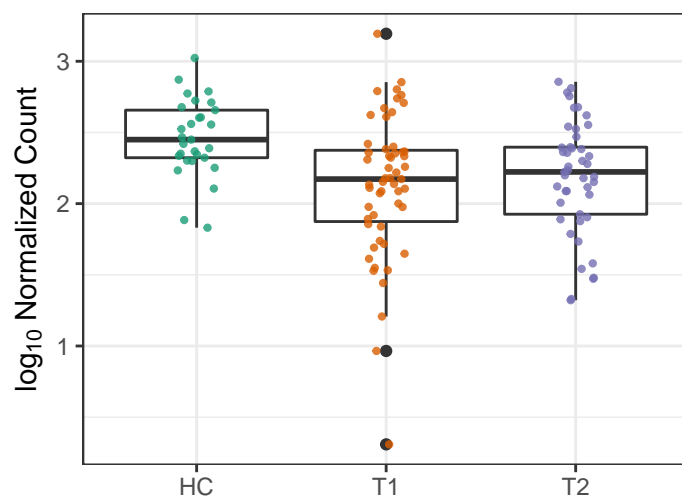
### Unclassified Acidobacteria Phylum

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.0056$   
T1 vs. T2  $p = 1$



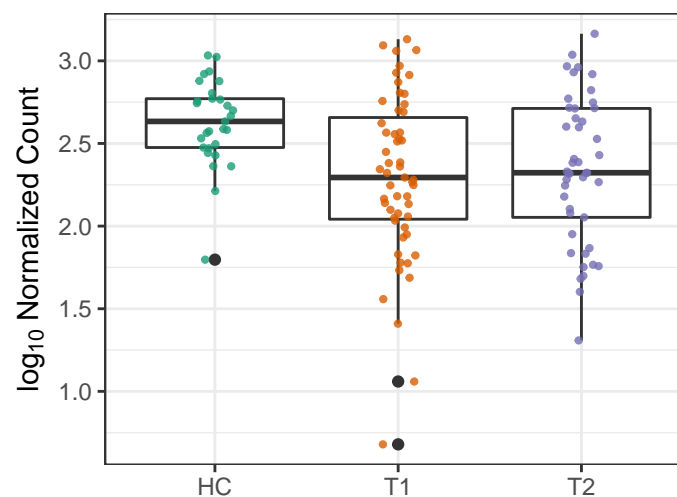
### Tepidiformia

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.0096$   
T1 vs. T2  $p = 0.77$



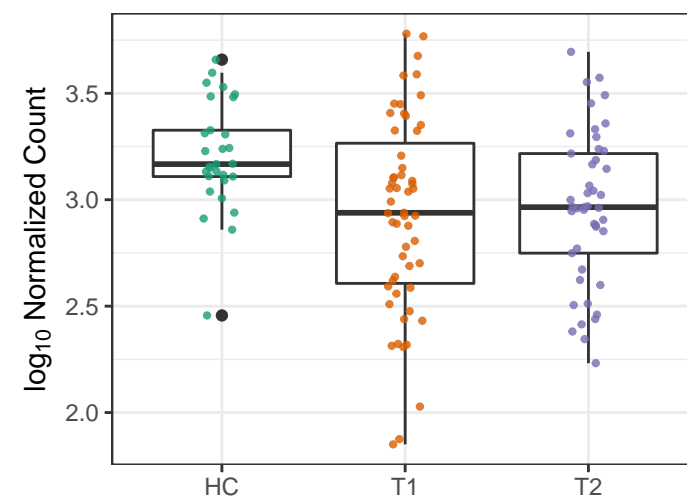
### Acidimicrobiia

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.012$   
T1 vs. T2  $p = 0.77$



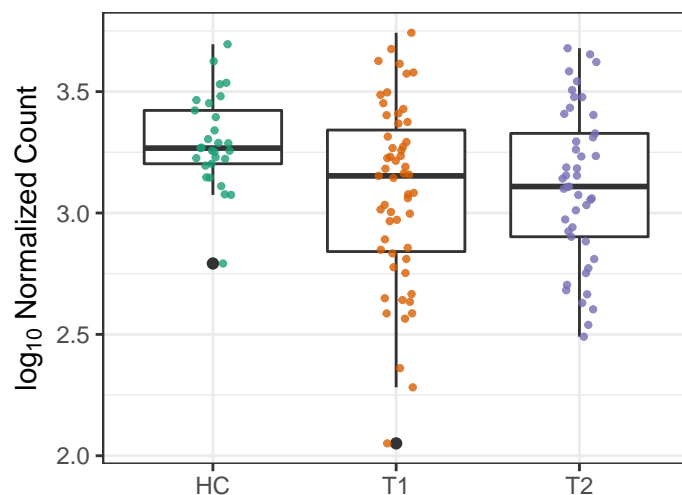
### Opitutae

HC vs. T1  $p = 0.0045$   
HC vs. T2  $p = 0.012$   
T1 vs. T2  $p = 0.77$



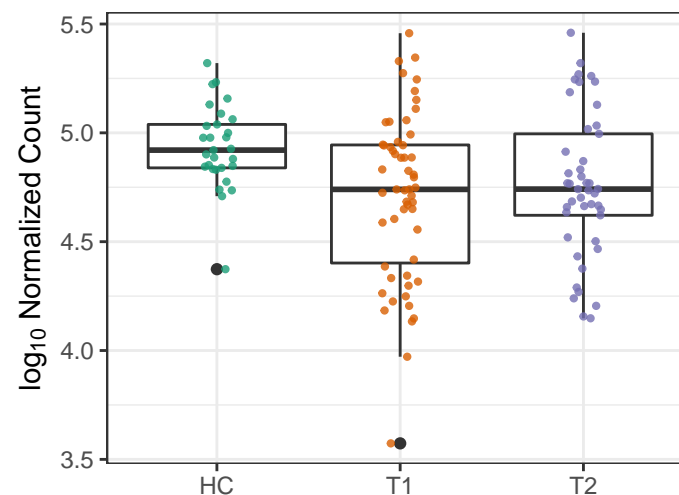
### Acidobacteriia

HC vs. T1  $p = 0.0051$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



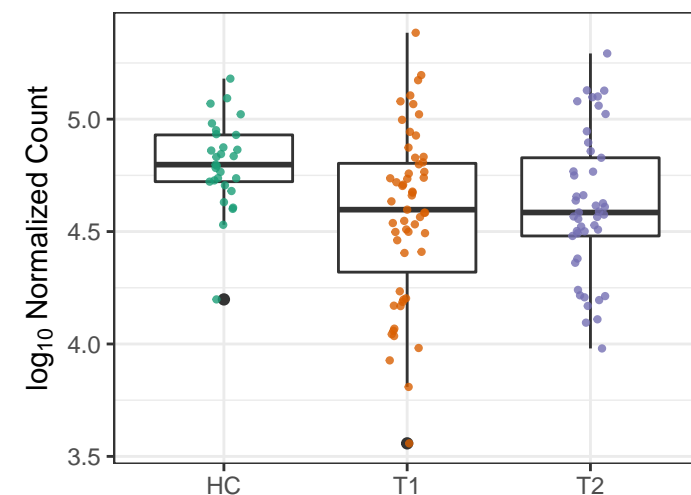
### Alphaproteobacteria

HC vs. T1  $p = 0.0048$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



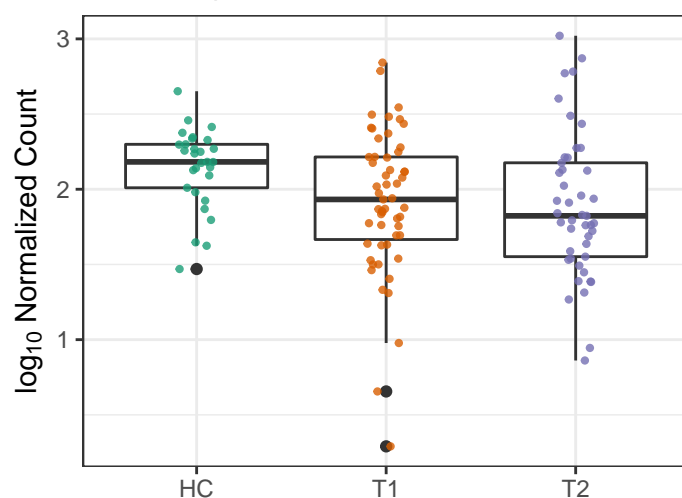
### Betaproteobacteria

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



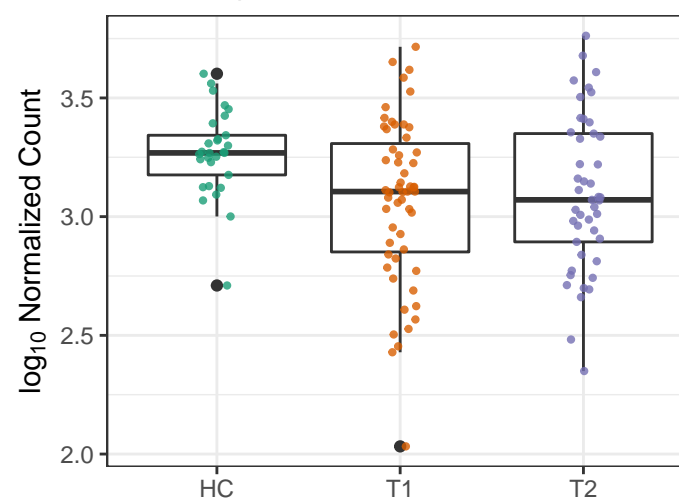
### Blastocatellia

HC vs. T1  $p = 0.016$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.96$



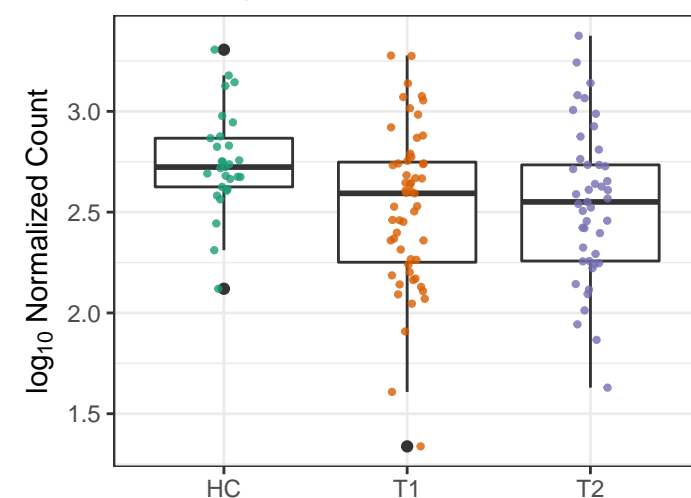
### Chlorobia

HC vs. T1  $p = 0.0052$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



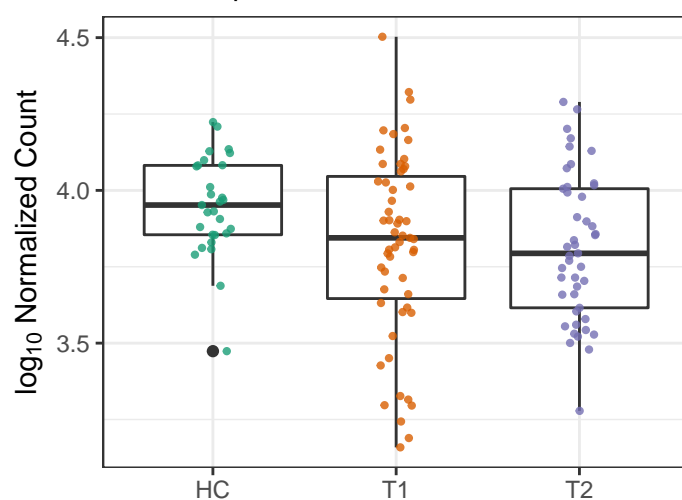
### Chloroflexia

HC vs. T1  $p = 0.0079$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.84$



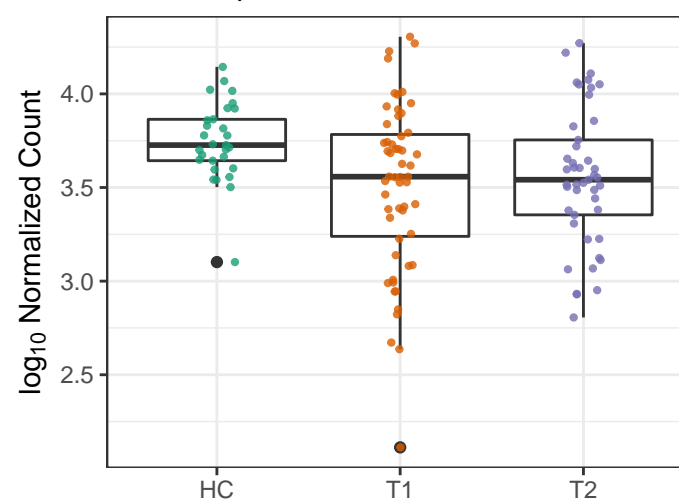
### Cytophagia

HC vs. T1  $p = 0.027$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 1$



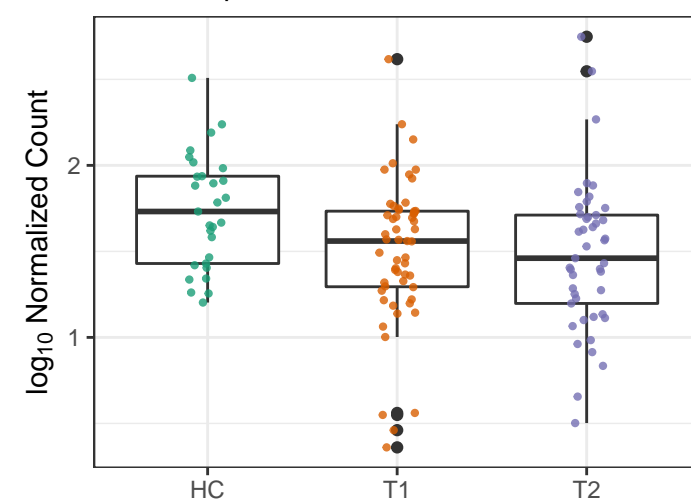
### Deinococci

HC vs. T1  $p = 0.0066$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



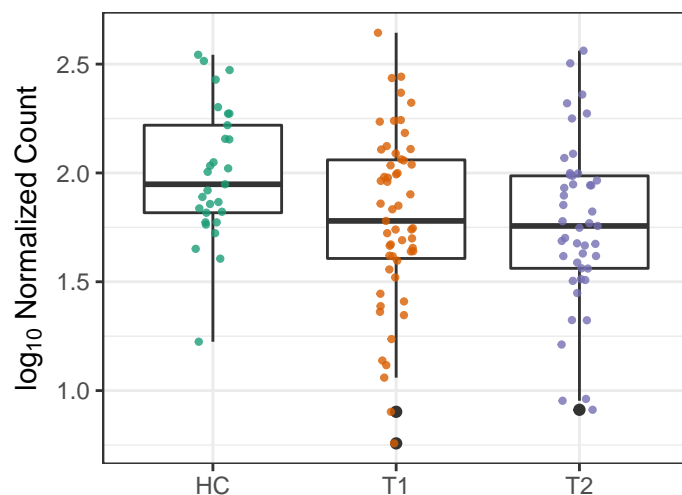
### Elusimicrobia

HC vs. T1  $p = 0.018$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.96$



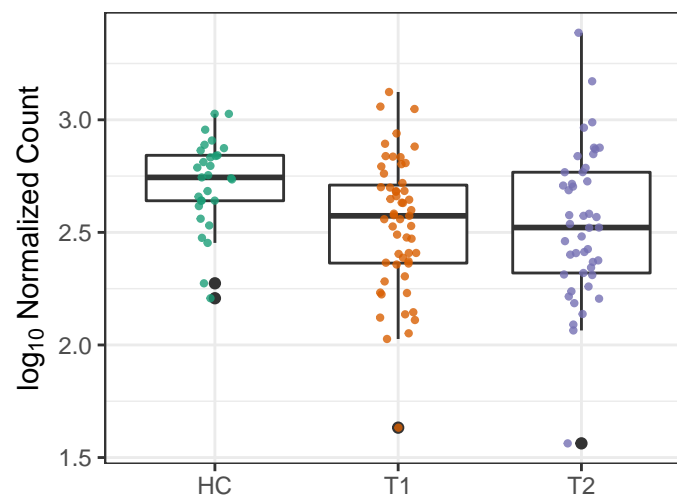
### Endomicrobia

HC vs. T1  $p = 0.022$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.93$



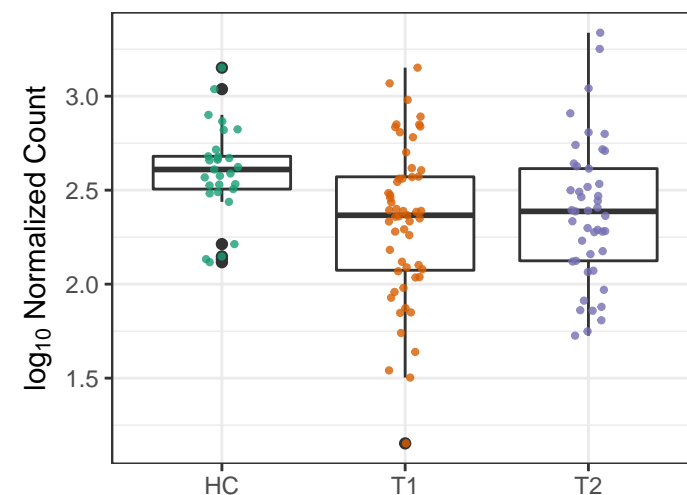
### Eurotiomycetes

HC vs. T1  $p = 0.0062$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.96$



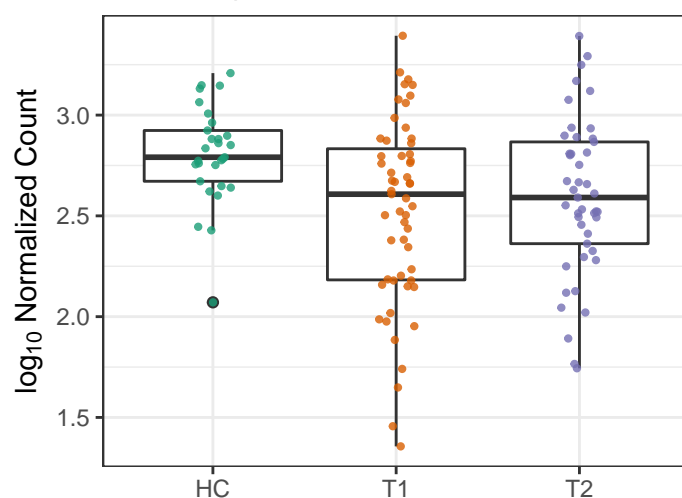
### Fibrobacteria

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



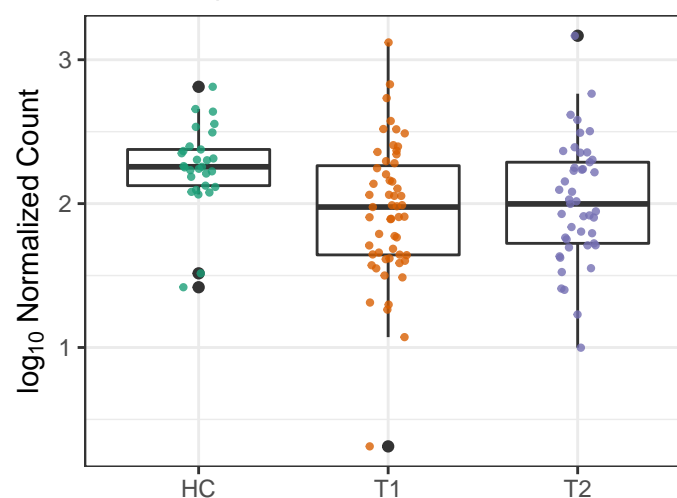
### Gemmatimonadetes

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



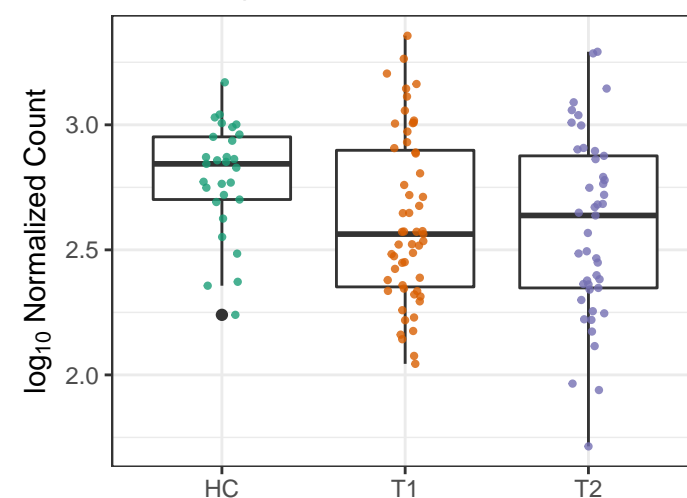
### Ktedonobacteria

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



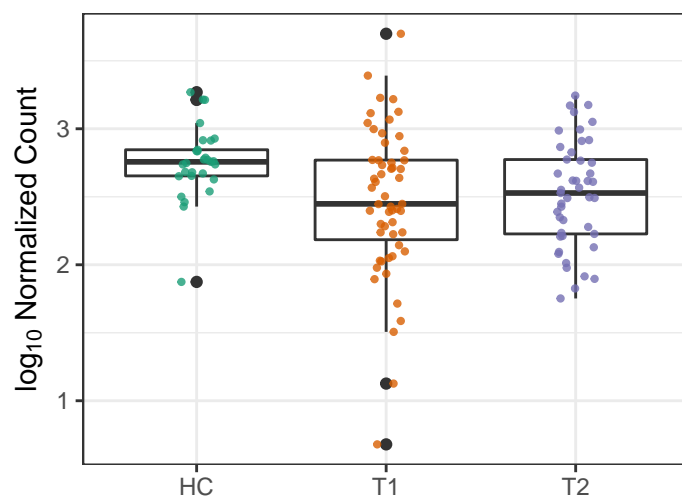
### Methanococci

HC vs. T1  $p = 0.017$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.93$



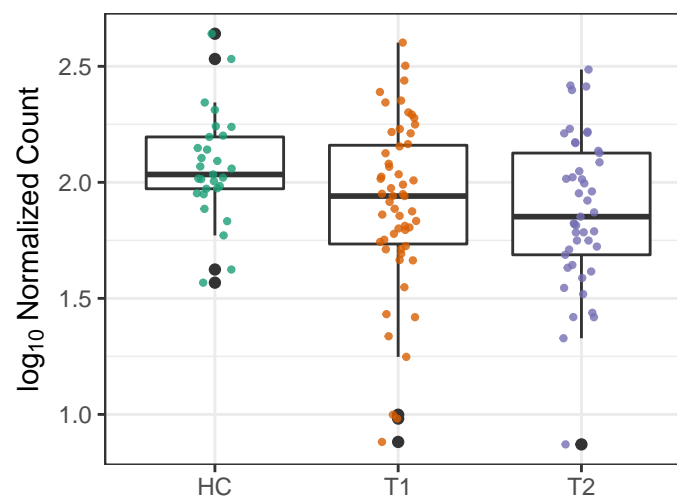
### Nitrospirae

HC vs. T1  $p = 0.0079$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



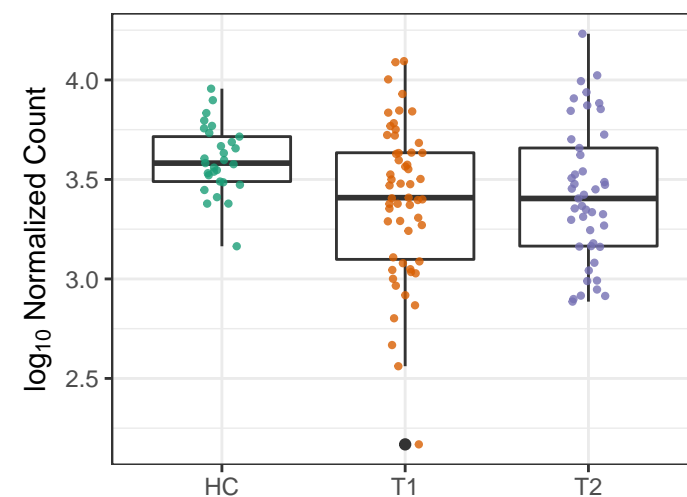
### Nitrososphaeria

HC vs. T1  $p = 0.026$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.96$



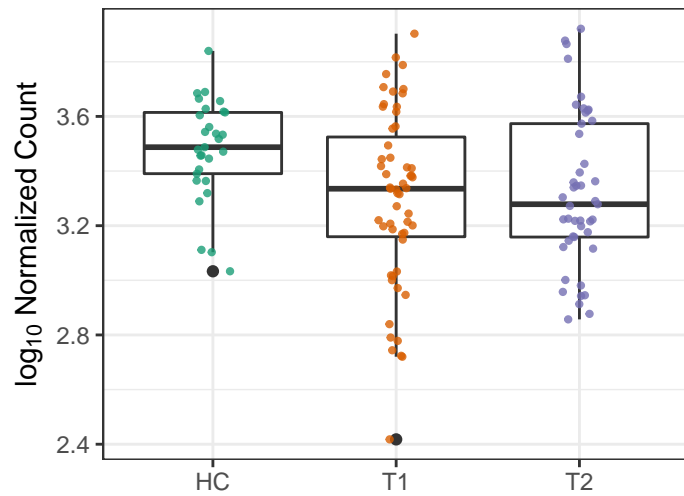
### Planctomycetia

HC vs. T1  $p = 0.0062$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



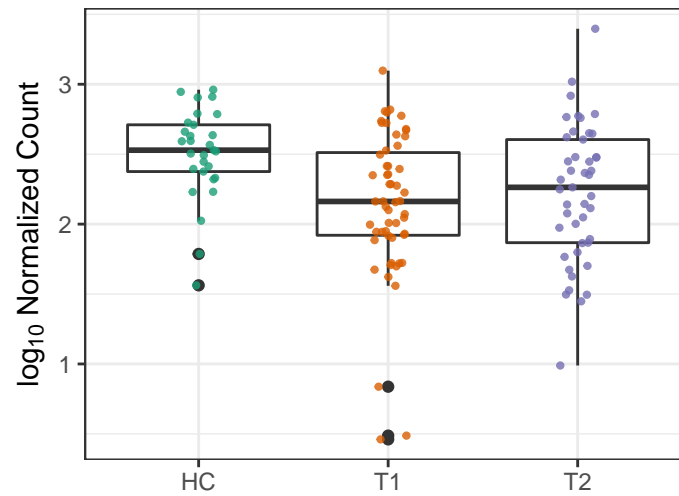
### Sordariomycetes

HC vs. T1  $p = 0.0075$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



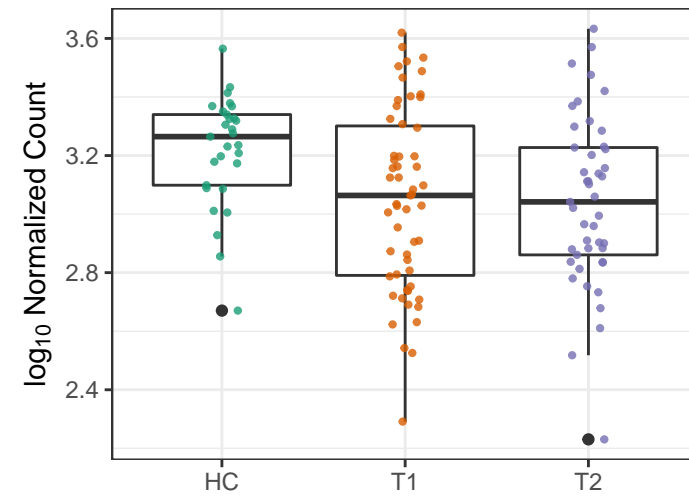
### Thermoleophilia

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



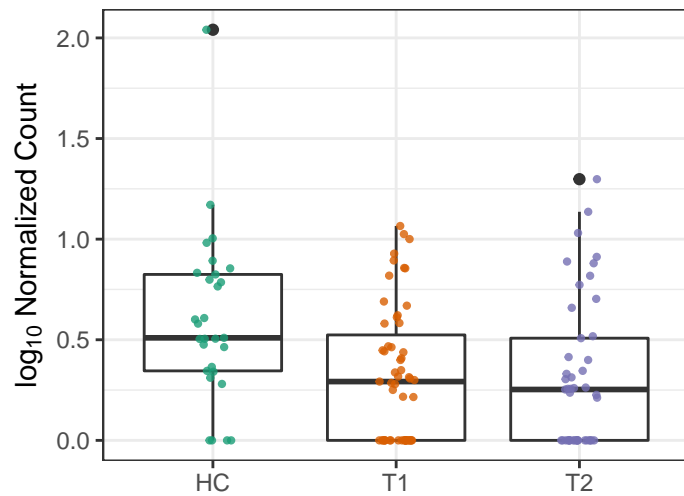
### Thermotogae

HC vs. T1  $p = 0.01$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.98$



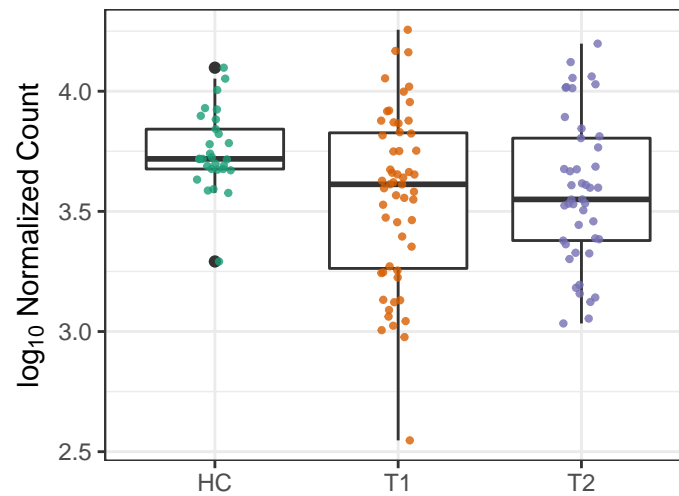
### Unclassified Candidatus Korarchaeota

HC vs. T1  $p = 0.012$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.93$



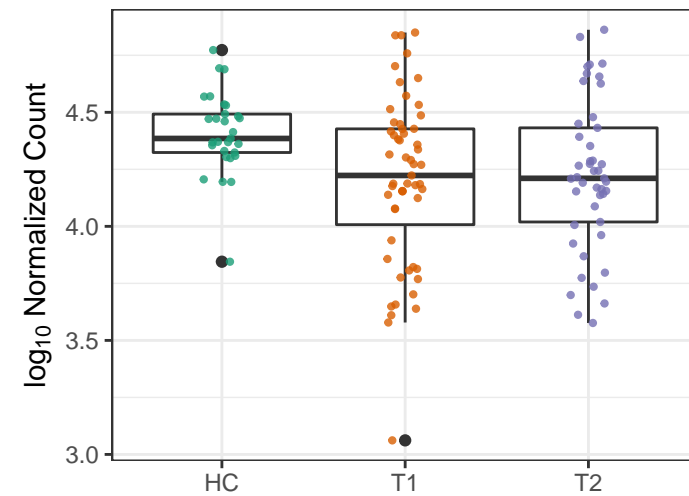
### Unclassified Planctomycetes Phylum

HC vs. T1  $p = 0.0064$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



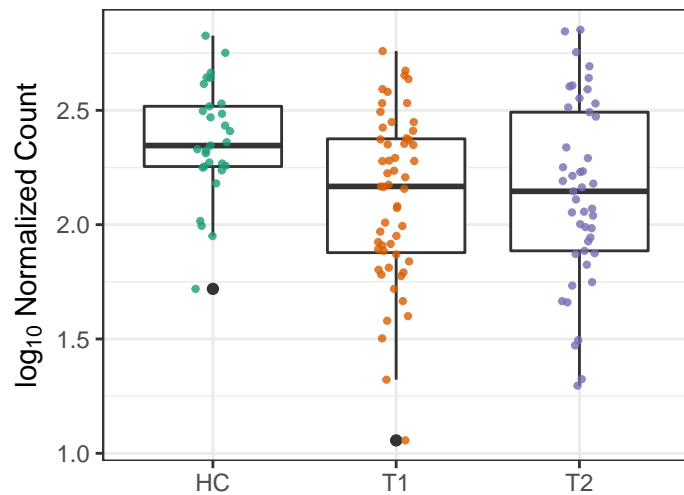
### Unclassified Proteobacteria Phylum

HC vs. T1  $p = 0.0053$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



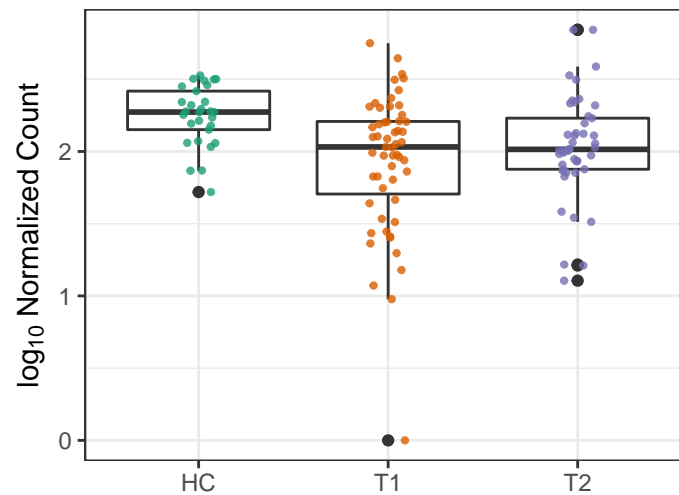
### Ustilaginomycetes

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



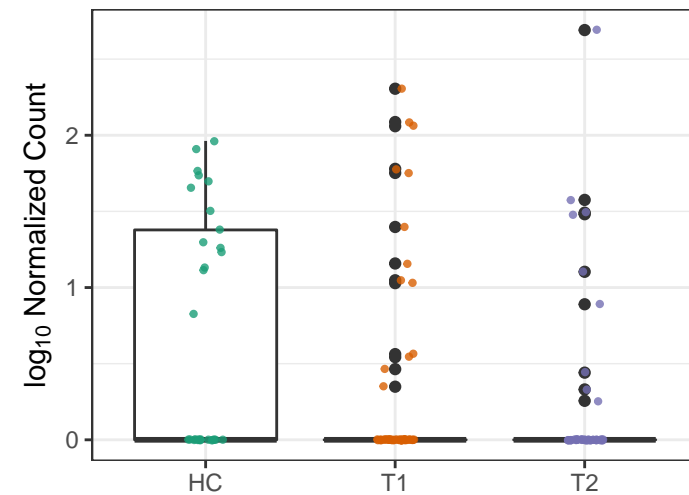
### Zetaproteobacteria

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.02$   
T1 vs. T2  $p = 0.77$



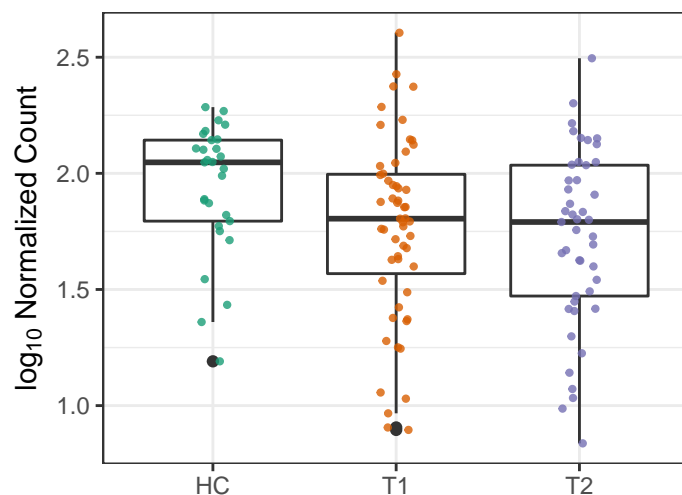
### Milneviricetes

HC vs. T1  $p = 0.032$   
HC vs. T2  $p = 0.021$   
T1 vs. T2  $p = 0.93$



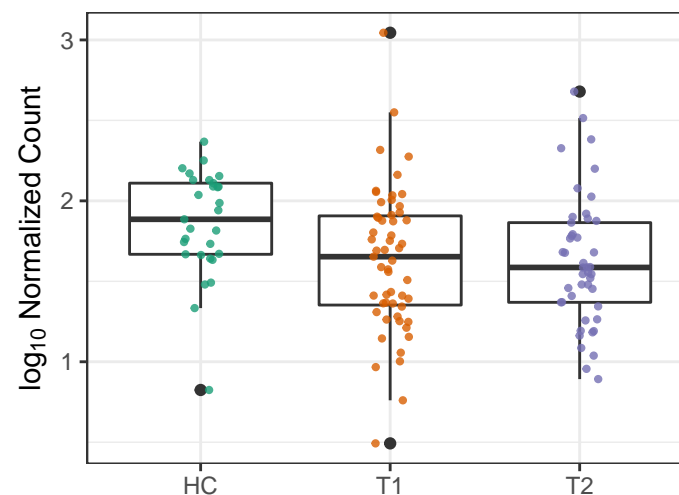
### Candidatus Brocadiae

HC vs. T1  $p = 0.034$   
HC vs. T2  $p = 0.022$   
T1 vs. T2  $p = 0.87$



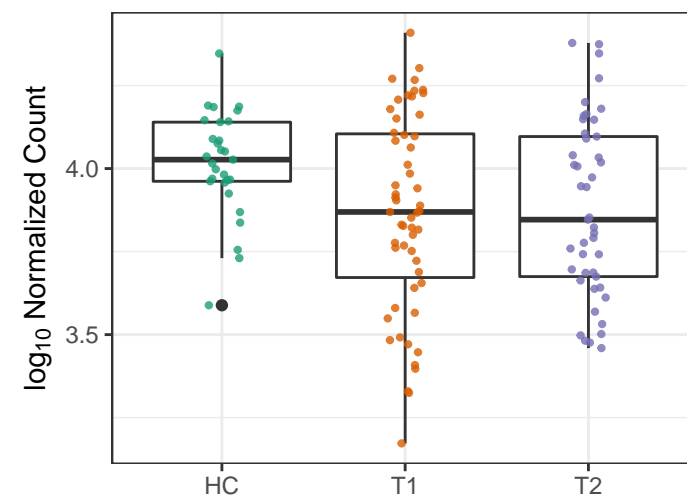
### Unclassified Euryarchaeota Phylum

HC vs. T1  $p = 0.022$   
HC vs. T2  $p = 0.022$   
T1 vs. T2  $p = 0.96$



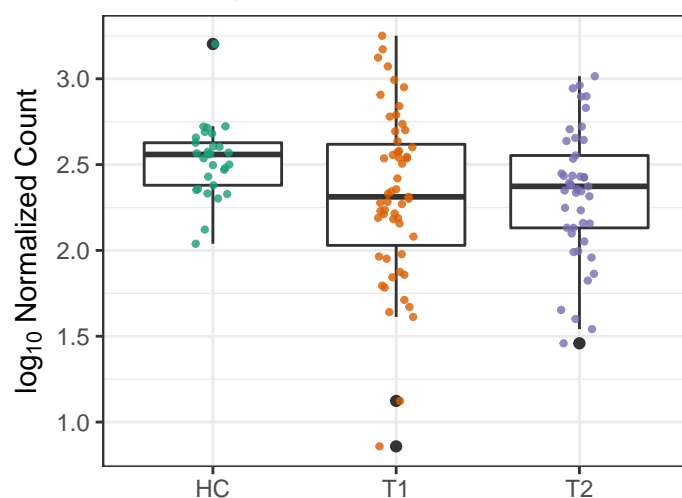
### Unclassified Cyanobacteria Phylum

HC vs. T1  $p = 0.011$   
HC vs. T2  $p = 0.022$   
T1 vs. T2  $p = 0.9$



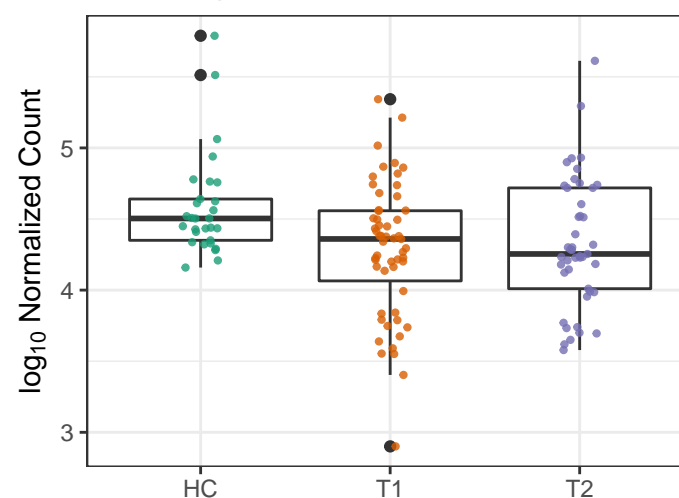
### Unclassified Verrucomicrobia Phylum

HC vs. T1  $p = 0.023$   
HC vs. T2  $p = 0.022$   
T1 vs. T2  $p = 0.93$



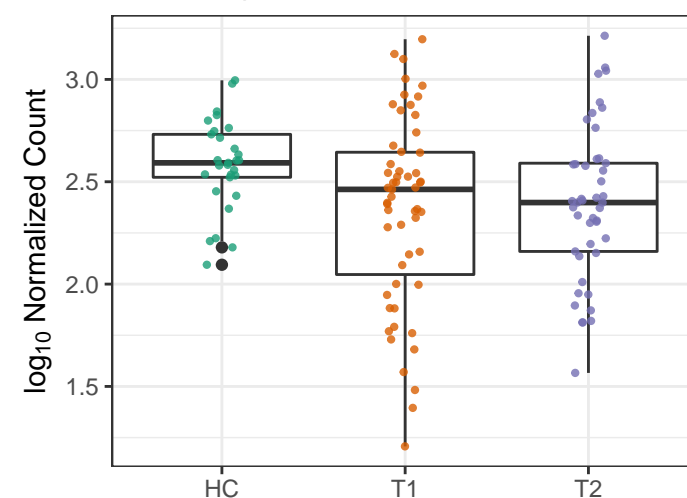
### Deltaproteobacteria

HC vs. T1  $p = 0.0079$   
HC vs. T2  $p = 0.025$   
T1 vs. T2  $p = 0.84$



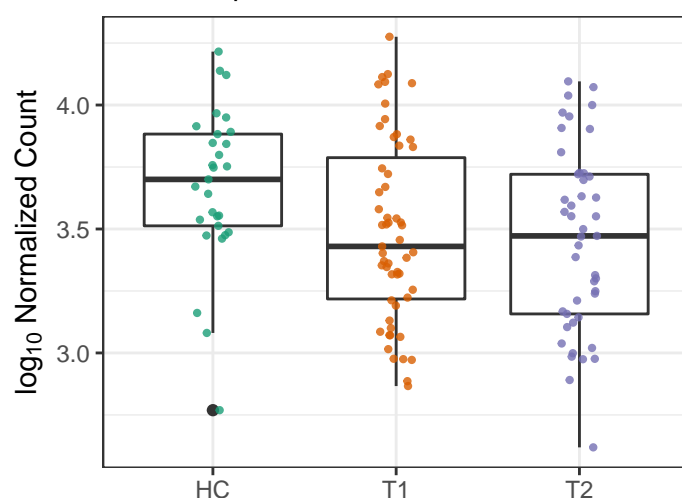
### Gloeobacteria

HC vs. T1  $p = 0.013$   
HC vs. T2  $p = 0.026$   
T1 vs. T2  $p = 0.77$



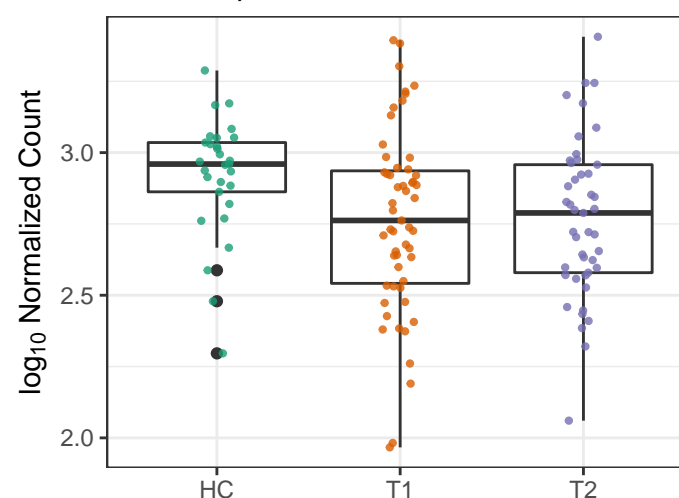
### Mollicutes

HC vs. T1  $p = 0.032$   
HC vs. T2  $p = 0.026$   
T1 vs. T2  $p = 0.84$



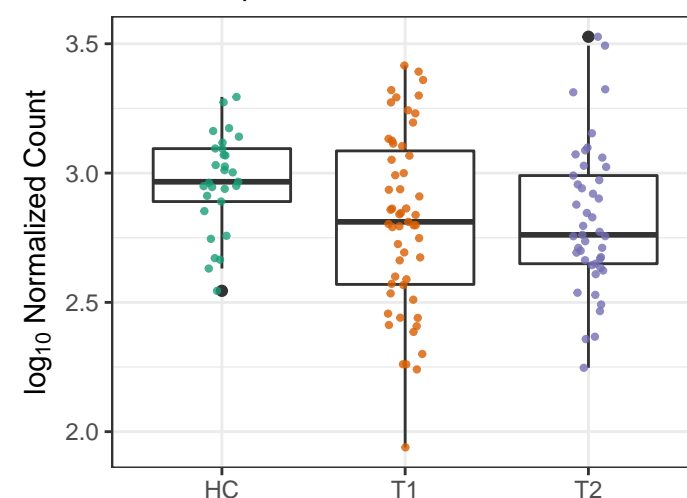
### Oligoflexia

HC vs. T1  $p = 0.02$   
HC vs. T2  $p = 0.027$   
T1 vs. T2  $p = 0.95$



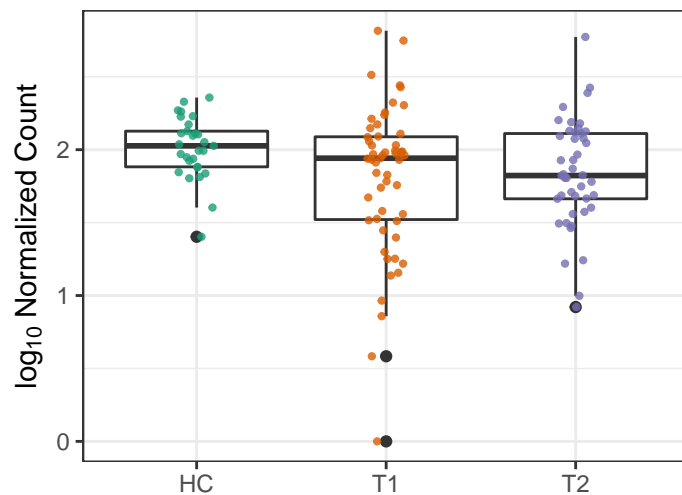
### Thermoprotei

HC vs. T1  $p = 0.023$   
HC vs. T2  $p = 0.029$   
T1 vs. T2  $p = 0.93$



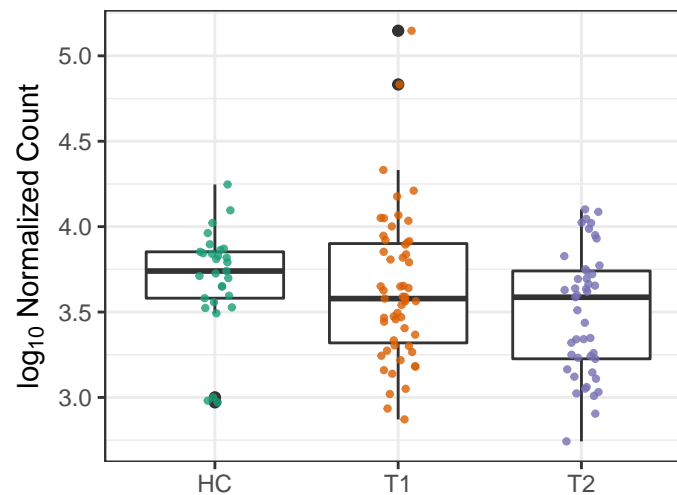
### Unclassified Balneolaeota Phylum

HC vs. T1  $p = 0.023$   
HC vs. T2  $p = 0.029$   
T1 vs. T2  $p = 0.84$



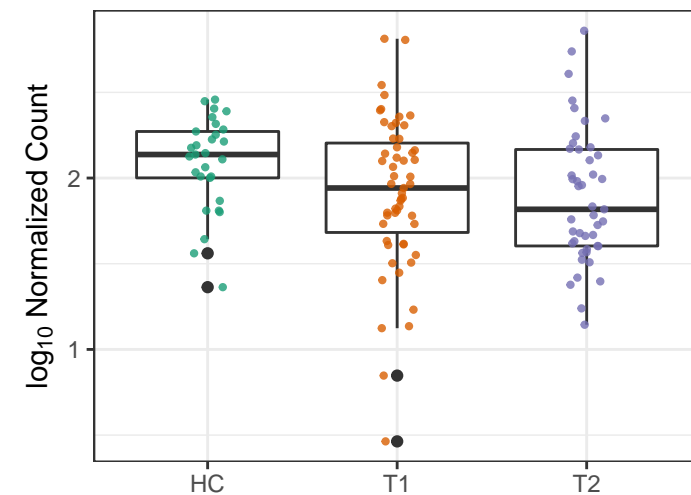
### Fusobacteriia

HC vs. T1  $p = 0.48$   
HC vs. T2  $p = 0.03$   
T1 vs. T2  $p = 0.77$



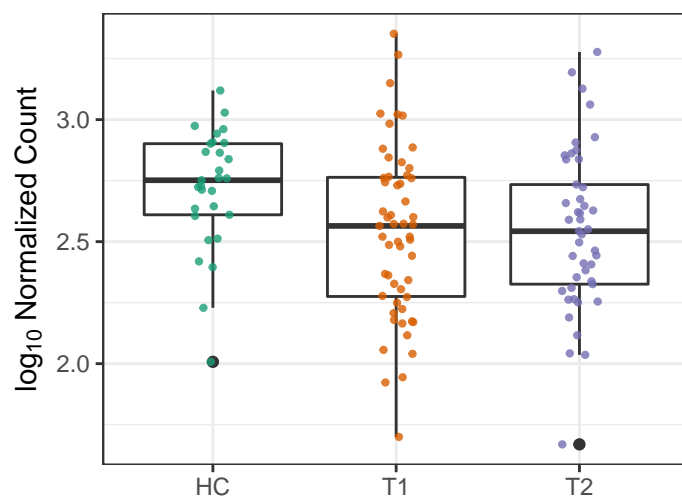
### Calditrichae

HC vs. T1  $p = 0.047$   
HC vs. T2  $p = 0.031$   
T1 vs. T2  $p = 0.93$



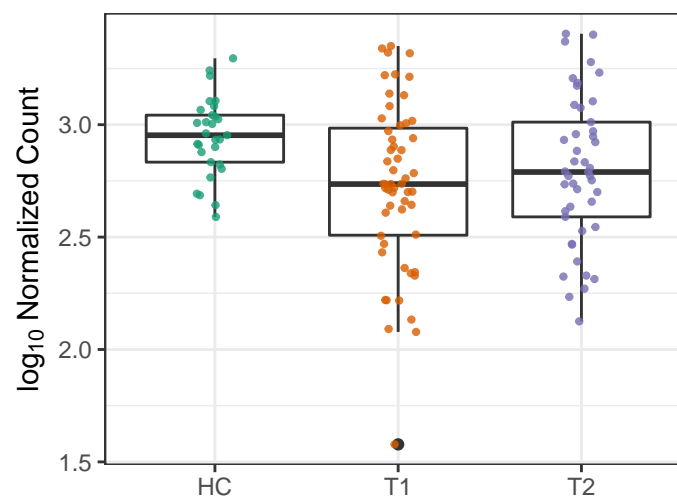
### Deferribacteres

HC vs. T1  $p = 0.018$   
HC vs. T2  $p = 0.031$   
T1 vs. T2  $p = 0.93$



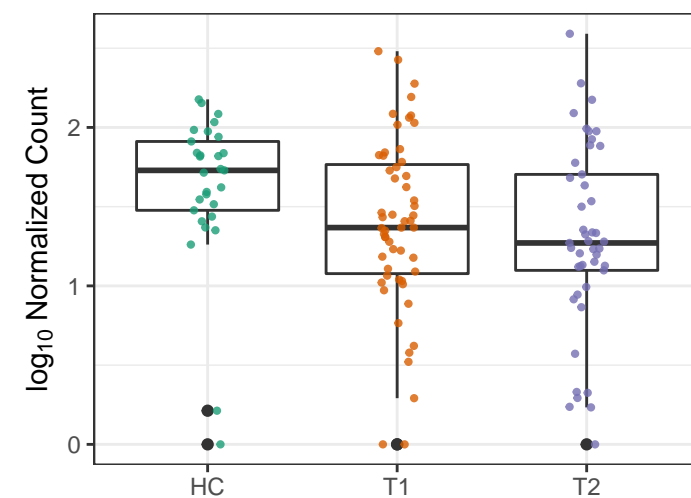
### Phycisphaerae

HC vs. T1  $p = 0.0039$   
HC vs. T2  $p = 0.031$   
T1 vs. T2  $p = 0.77$



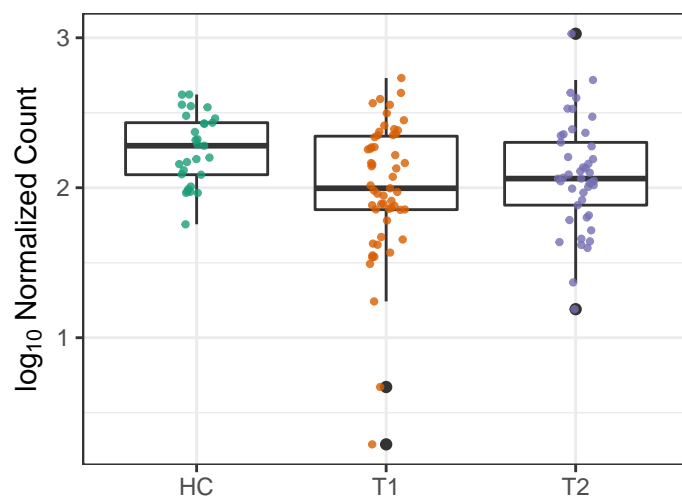
### Unclassified Candidatus Gracilibacteria Phylum

HC vs. T1  $p = 0.071$   
HC vs. T2  $p = 0.031$   
T1 vs. T2  $p = 0.92$



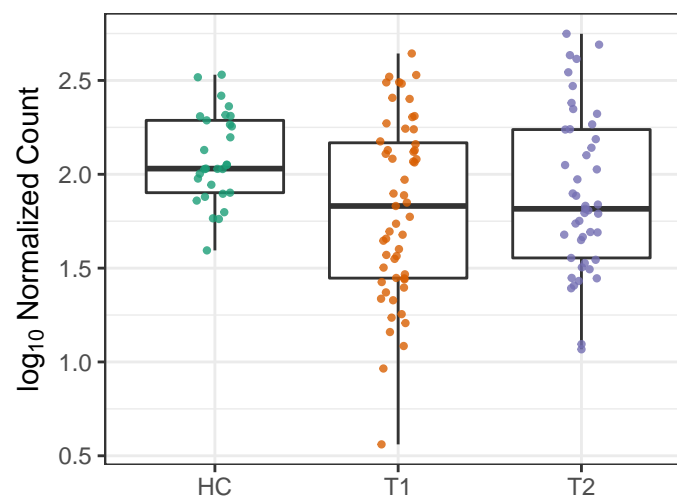
### Unclassified Armatimonadetes Phylum

HC vs. T1  $p = 0.0057$   
HC vs. T2  $p = 0.034$   
T1 vs. T2  $p = 0.77$



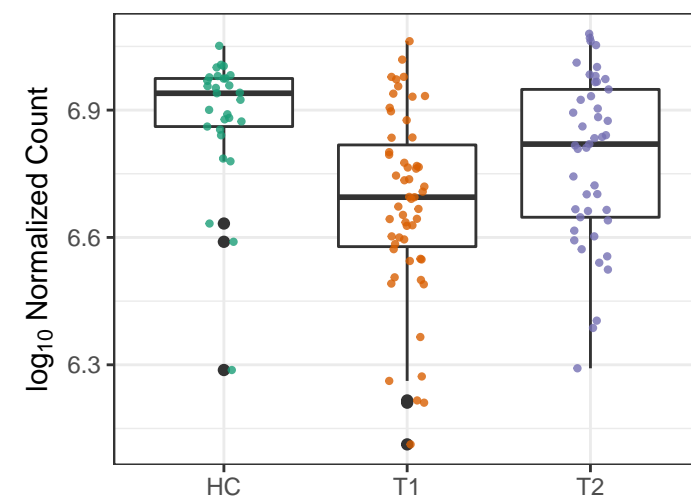
### Methyloacidiphilae

HC vs. T1  $p = 0.0052$   
HC vs. T2  $p = 0.038$   
T1 vs. T2  $p = 0.77$



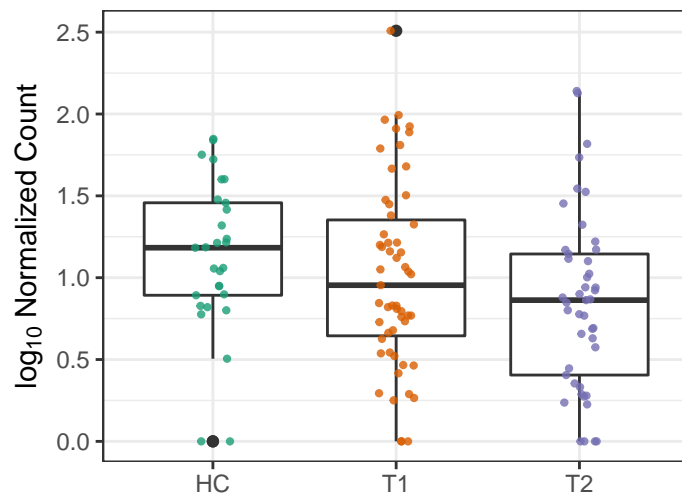
### Clostridia

HC vs. T1  $p = 0.00051$   
HC vs. T2  $p = 0.043$   
T1 vs. T2  $p = 0.1$



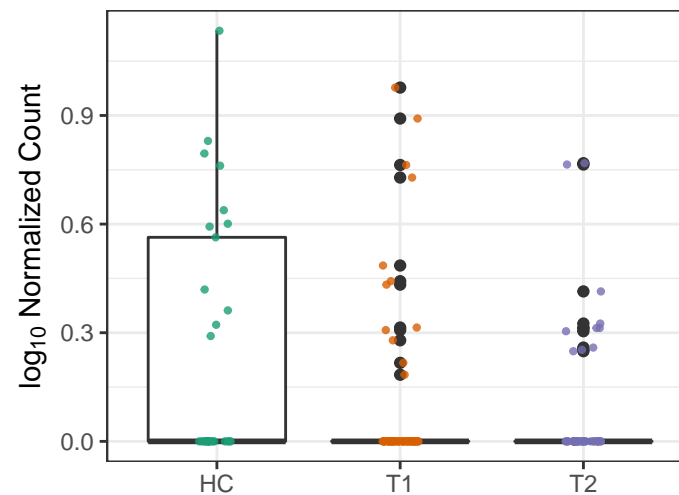
### Ellioviricetes

HC vs. T1  $p = 0.35$   
HC vs. T2  $p = 0.049$   
T1 vs. T2  $p = 0.77$



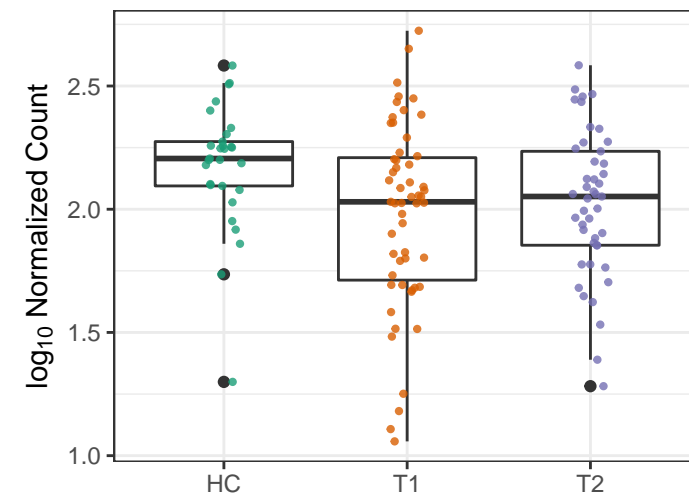
### Unclassified Basidiomycota Phylum

HC vs. T1  $p = 0.07$   
HC vs. T2  $p = 0.05$   
T1 vs. T2  $p = 0.96$



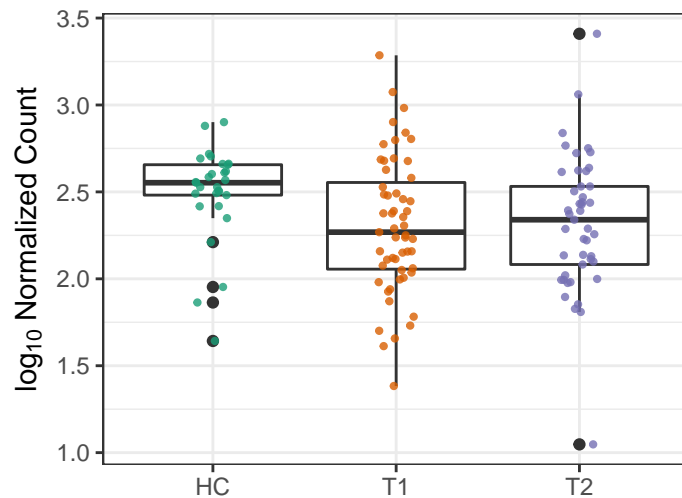
### Archaeoglobi

HC vs. T1  $p = 0.018$   
HC vs. T2  $p = 0.054$   
T1 vs. T2  $p = 0.77$



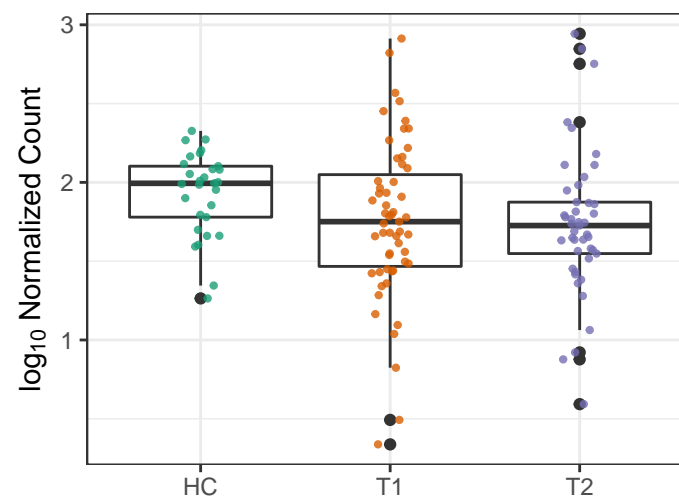
### Ignavibacteria

HC vs. T1  $p = 0.023$   
HC vs. T2  $p = 0.056$   
T1 vs. T2  $p = 0.96$



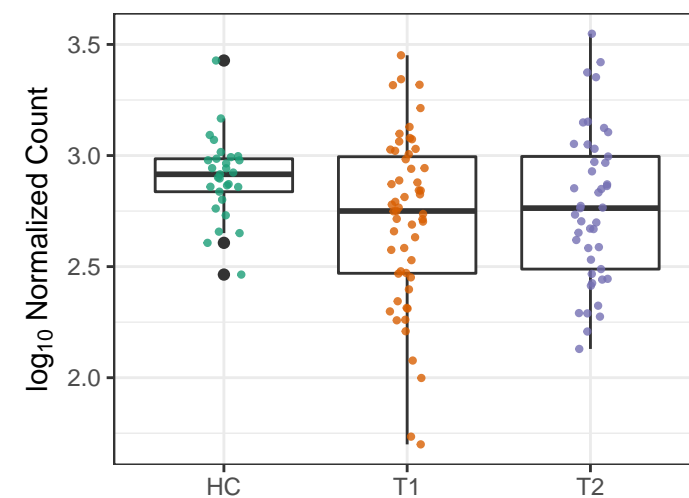
### Unclassified candidate division Zixibacte

HC vs. T1  $p = 0.064$   
HC vs. T2  $p = 0.056$   
T1 vs. T2  $p = 0.93$



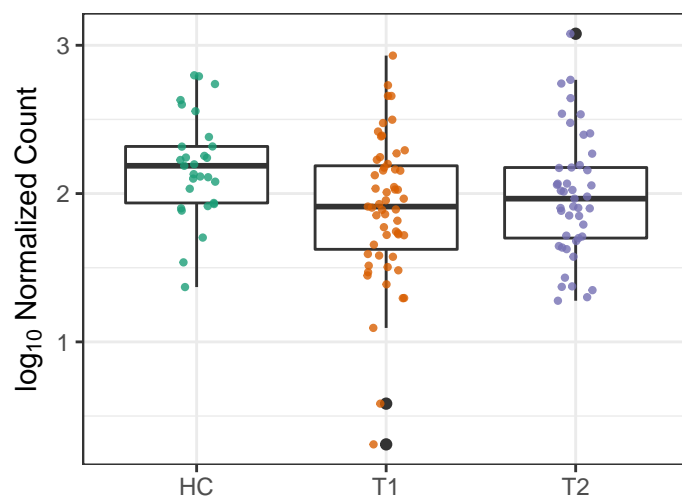
### Anaerolineae

HC vs. T1  $p = 0.01$   
HC vs. T2  $p = 0.057$   
T1 vs. T2  $p = 0.77$



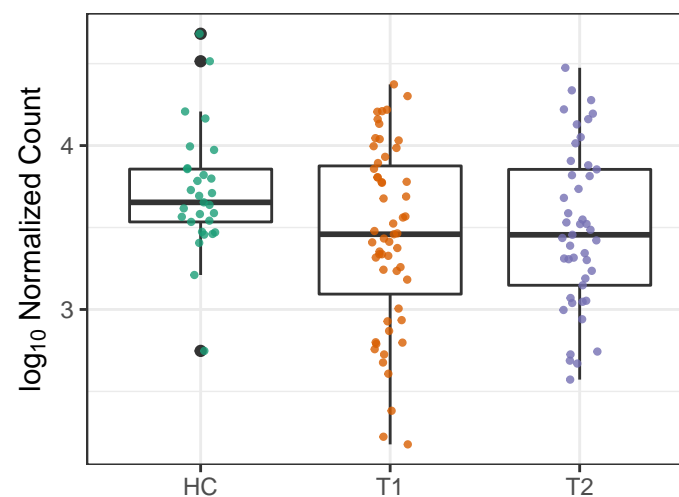
### Kiritimatiellae

HC vs. T1  $p = 0.011$   
HC vs. T2  $p = 0.058$   
T1 vs. T2  $p = 0.77$



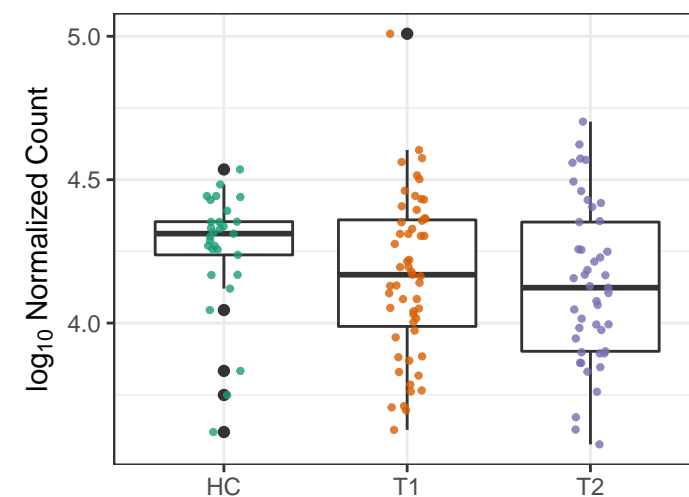
### Unclassified Actinobacteria Phylum

HC vs. T1  $p = 0.022$   
HC vs. T2  $p = 0.058$   
T1 vs. T2  $p = 0.77$



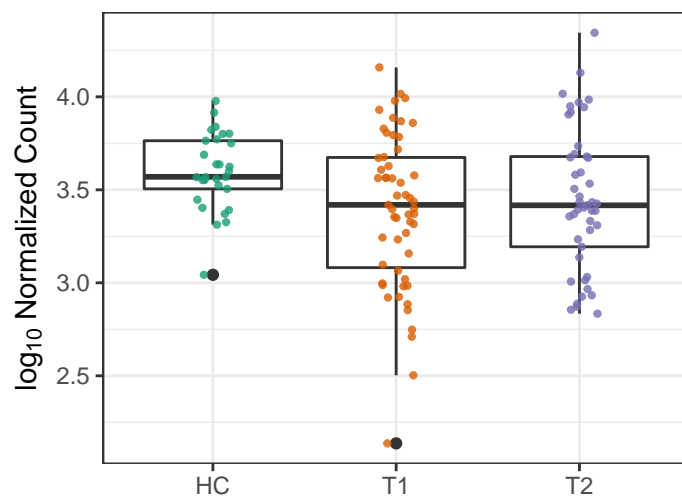
### Flavobacteriia

HC vs. T1  $p = 0.12$   
HC vs. T2  $p = 0.059$   
T1 vs. T2  $p = 0.77$



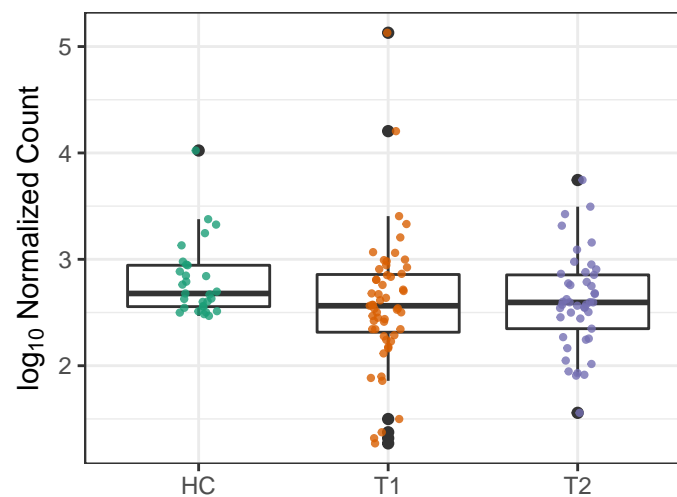
### Halobacteria

HC vs. T1  $p = 0.01$   
HC vs. T2  $p = 0.059$   
T1 vs. T2  $p = 0.77$



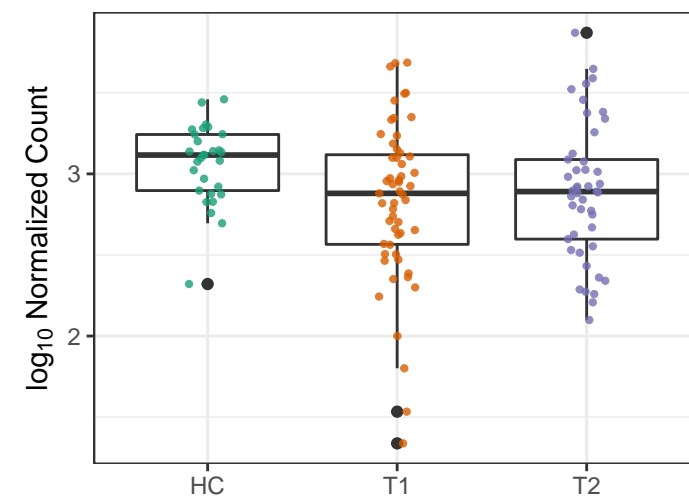
### Lentisphaeria

HC vs. T1  $p = 0.065$   
HC vs. T2  $p = 0.059$   
T1 vs. T2  $p = 0.87$



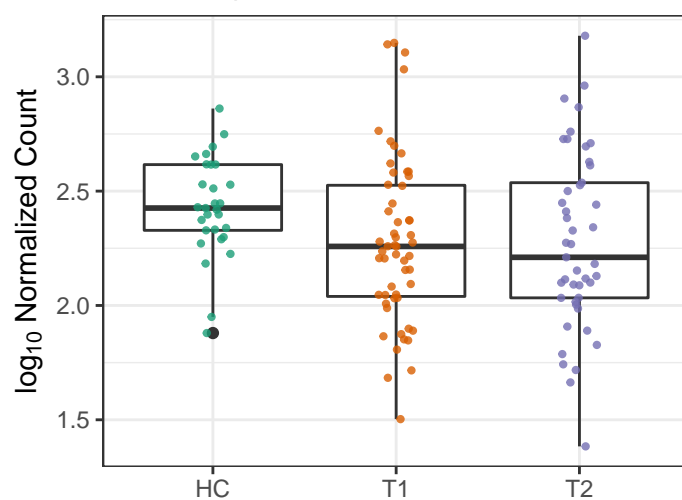
### Rubrobacteria

HC vs. T1  $p = 0.013$   
HC vs. T2  $p = 0.059$   
T1 vs. T2  $p = 0.77$



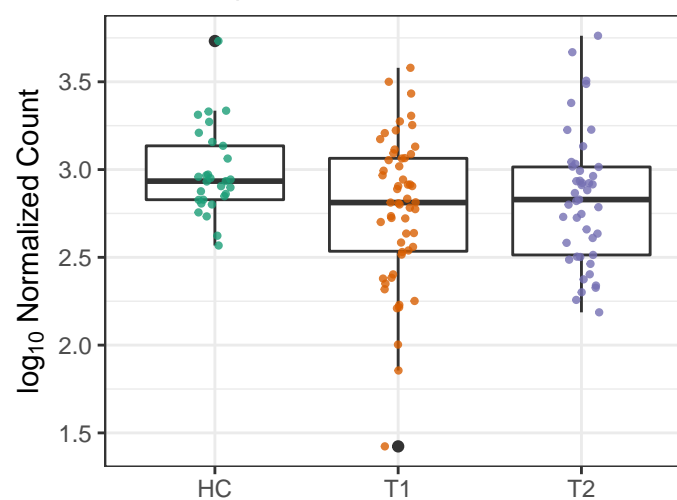
### Tremellomycetes

HC vs. T1  $p = 0.033$   
HC vs. T2  $p = 0.061$   
T1 vs. T2  $p = 0.93$



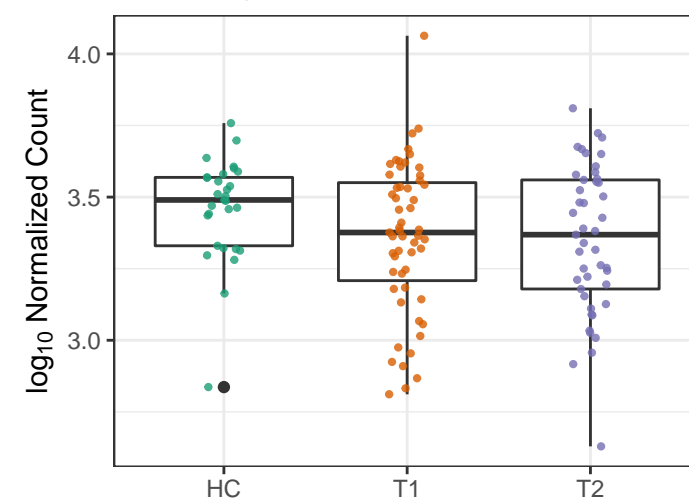
### Dehalococcoidia

HC vs. T1  $p = 0.014$   
HC vs. T2  $p = 0.062$   
T1 vs. T2  $p = 0.77$



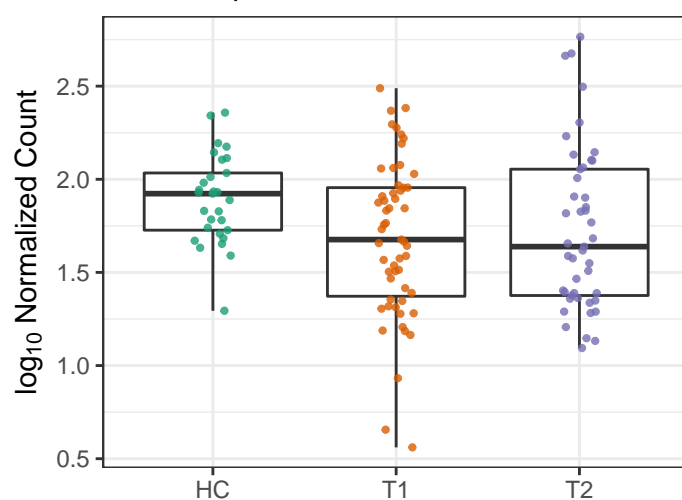
### Chitinophagia

HC vs. T1  $p = 0.065$   
HC vs. T2  $p = 0.062$   
T1 vs. T2  $p = 0.93$



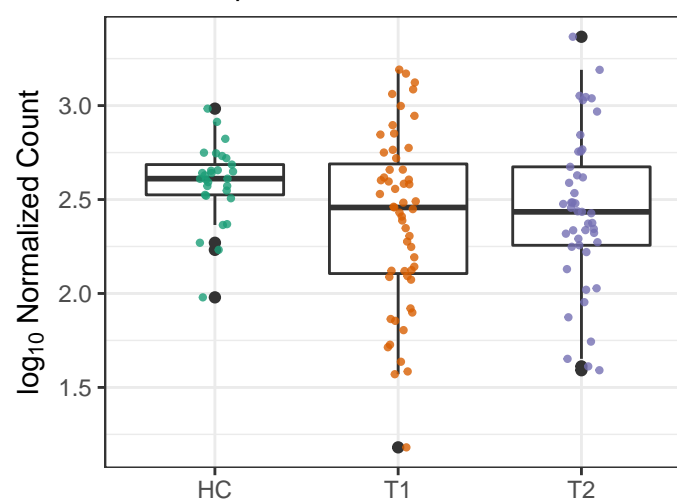
### Chthonomonadetes

HC vs. T1  $p = 0.013$   
HC vs. T2  $p = 0.063$   
T1 vs. T2  $p = 0.84$



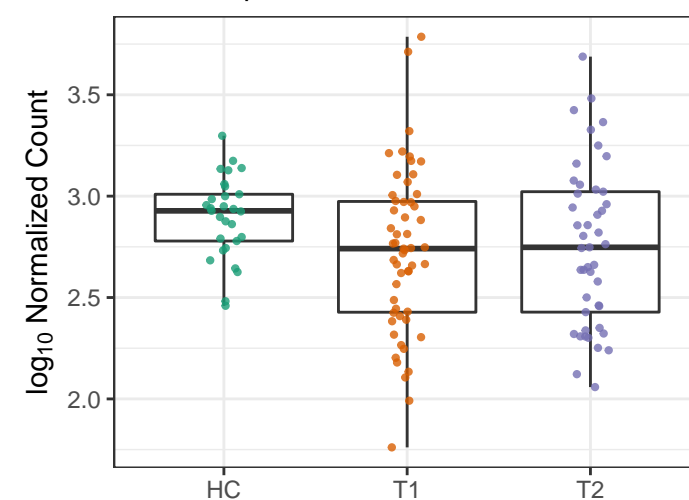
### Limnochordia

HC vs. T1  $p = 0.019$   
HC vs. T2  $p = 0.072$   
T1 vs. T2  $p = 0.77$



### Thermoplasmata

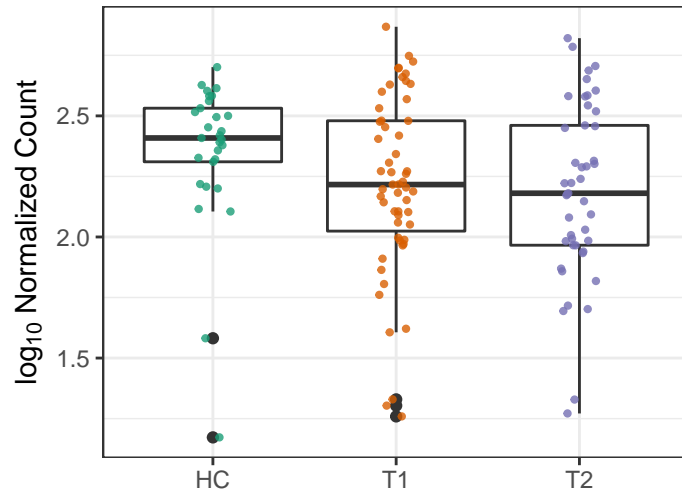
HC vs. T1  $p = 0.023$   
HC vs. T2  $p = 0.079$   
T1 vs. T2  $p = 0.77$





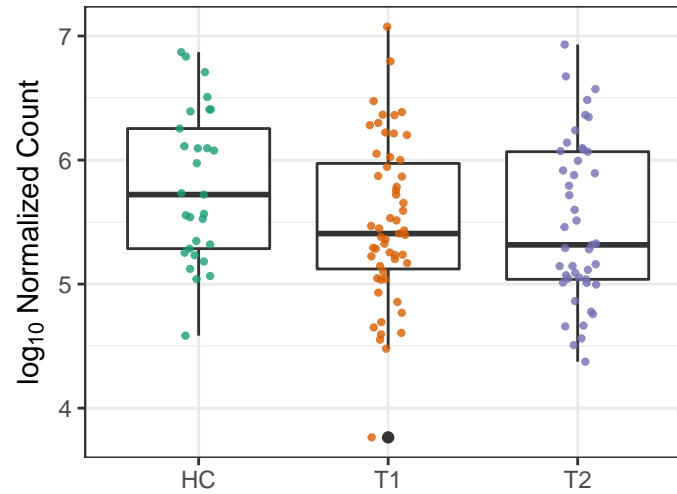
### Unclassified Thaumarchaeota Phylum

HC vs. T1  $p = 0.11$   
HC vs. T2  $p = 0.079$   
T1 vs. T2  $p = 0.92$



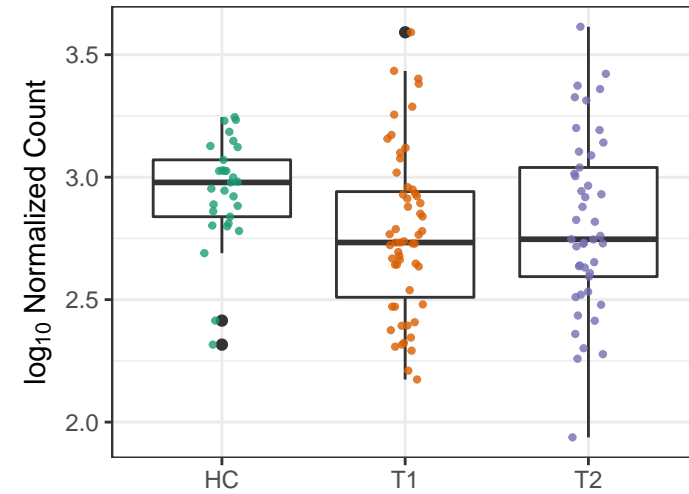
### Actinobacteria

HC vs. T1  $p = 0.065$   
HC vs. T2  $p = 0.08$   
T1 vs. T2  $p = 0.87$



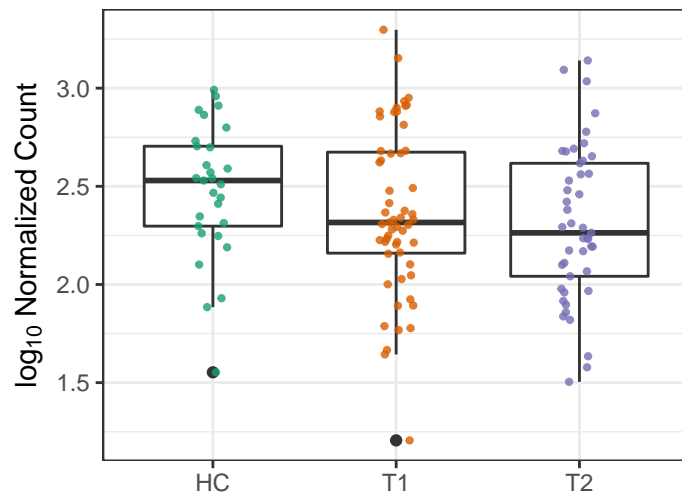
### Thermococci

HC vs. T1  $p = 0.015$   
HC vs. T2  $p = 0.08$   
T1 vs. T2  $p = 0.77$



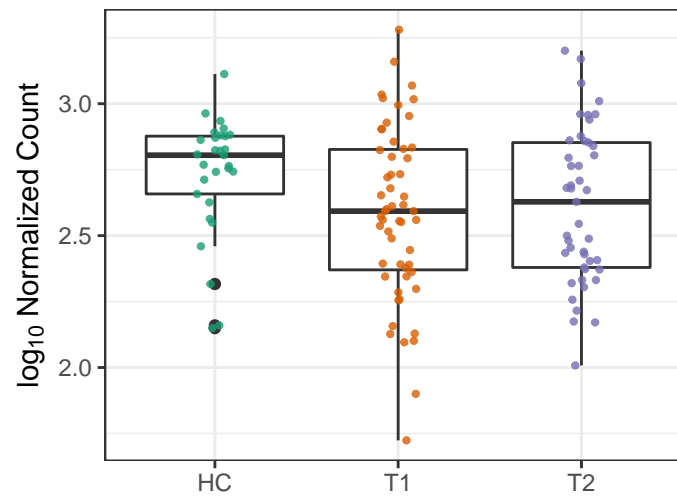
### Unclassified Tenericutes Phylum

HC vs. T1  $p = 0.22$   
HC vs. T2  $p = 0.08$   
T1 vs. T2  $p = 0.77$



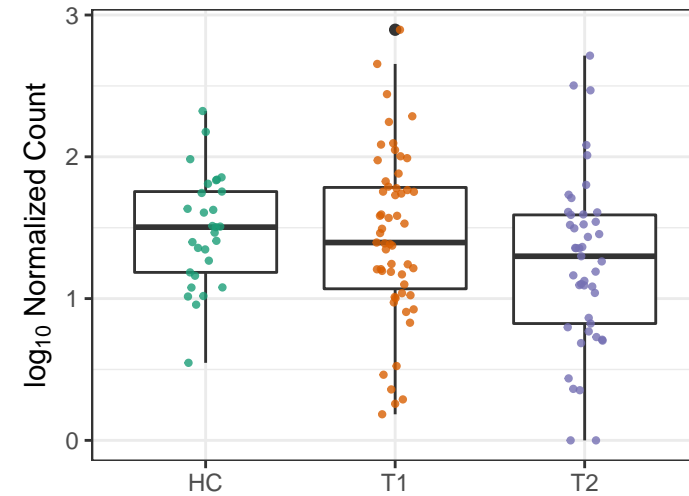
### Chlamydiia

HC vs. T1  $p = 0.029$   
HC vs. T2  $p = 0.081$   
T1 vs. T2  $p = 0.87$



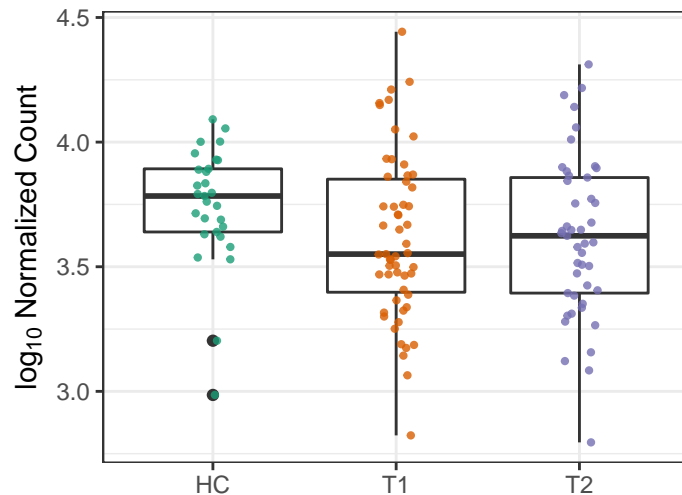
### Methanopyri

HC vs. T1  $p = 0.68$   
HC vs. T2  $p = 0.081$   
T1 vs. T2  $p = 0.77$



### Tissierellia

HC vs. T1  $p = 0.067$   
HC vs. T2  $p = 0.082$   
T1 vs. T2  $p = 0.99$



### Spirochaetia

HC vs. T1  $p = 0.026$   
HC vs. T2  $p = 0.085$   
T1 vs. T2  $p = 0.87$

