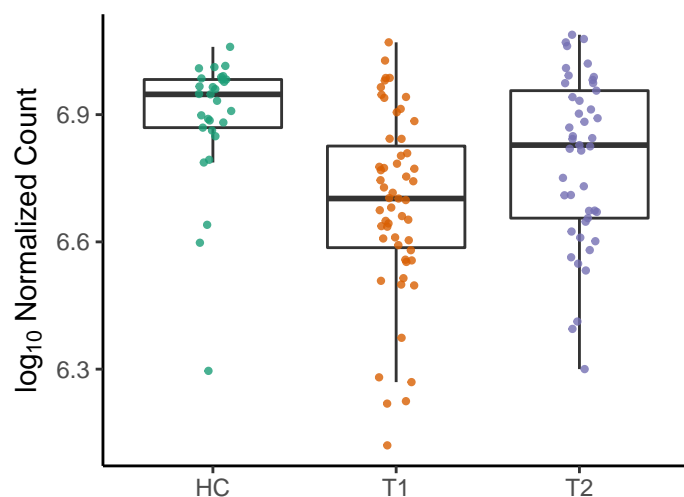


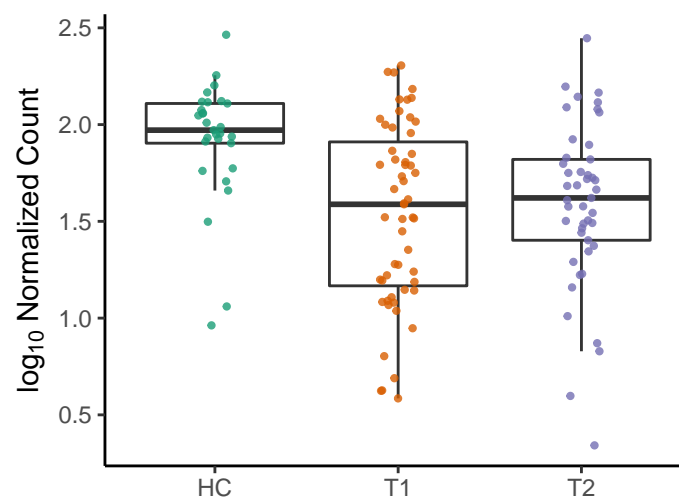
Clostridiales

non-ED vs. T1 adjusted $p = 0.001$
non-ED vs. T2 adjusted $p = 0.039$
T1 vs. T2 adjusted $p = 0.21$



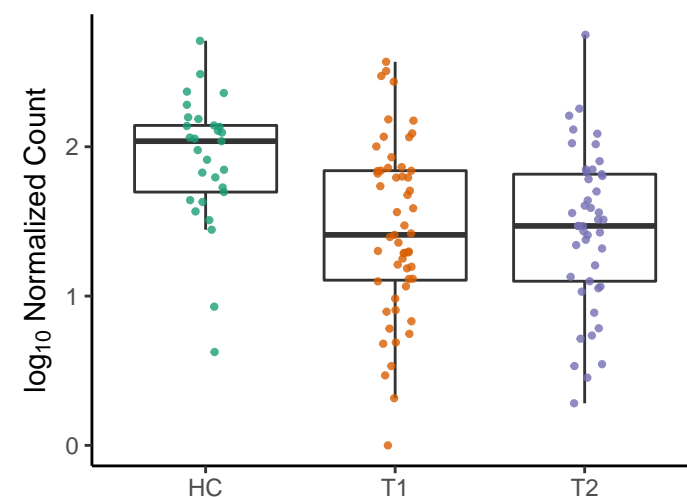
Puniceicoccales

non-ED vs. T1 adjusted $p = 0.0031$
non-ED vs. T2 adjusted $p = 0.0076$
T1 vs. T2 adjusted $p = 0.81$



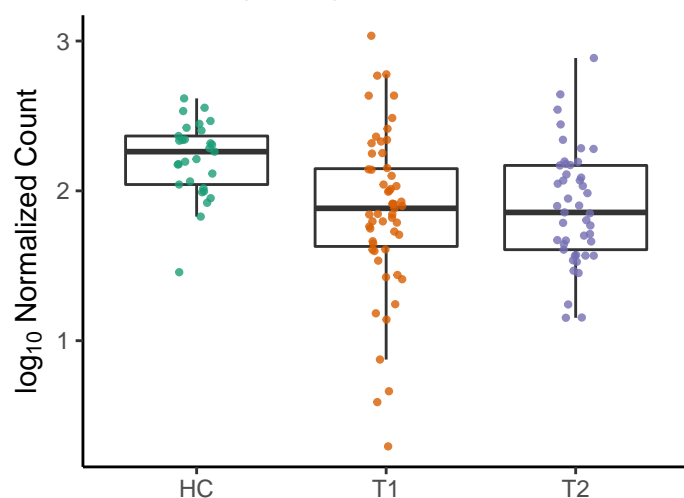
Coprothermobacteriales

non-ED vs. T1 adjusted $p = 0.0041$
non-ED vs. T2 adjusted $p = 0.0052$
T1 vs. T2 adjusted $p = 0.88$



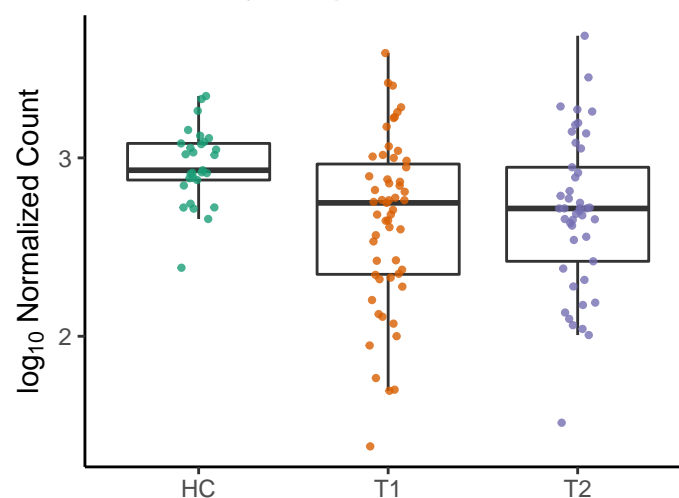
Egibacteriales

non-ED vs. T1 adjusted $p = 0.0041$
non-ED vs. T2 adjusted $p = 0.0045$
T1 vs. T2 adjusted $p = 0.79$



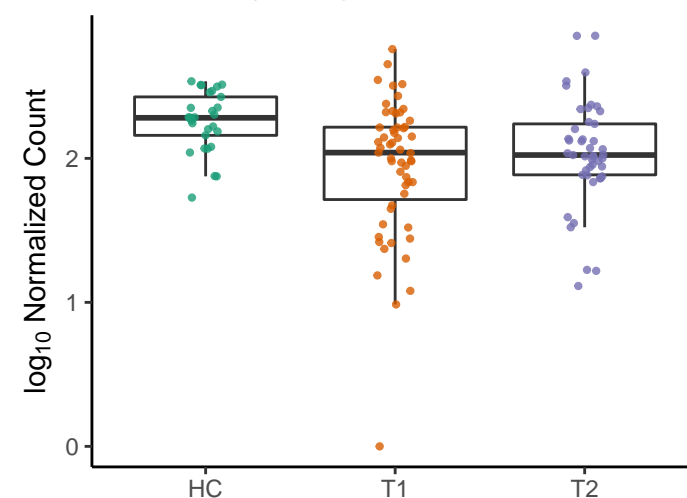
Isosphaerales

non-ED vs. T1 adjusted $p = 0.0041$
non-ED vs. T2 adjusted $p = 0.015$
T1 vs. T2 adjusted $p = 0.75$



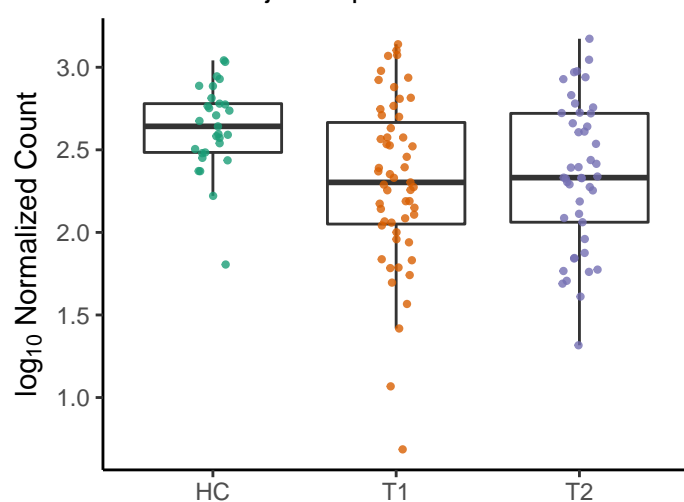
Mariprofundales

non-ED vs. T1 adjusted $p = 0.0041$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



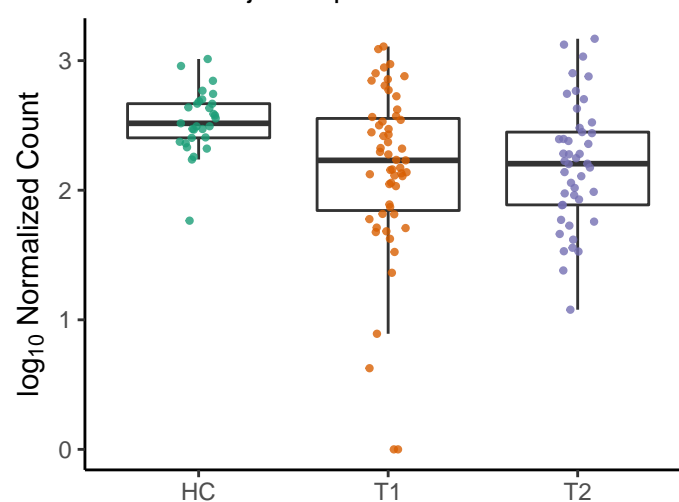
Acidimicrobiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.015$
T1 vs. T2 adjusted $p = 0.77$



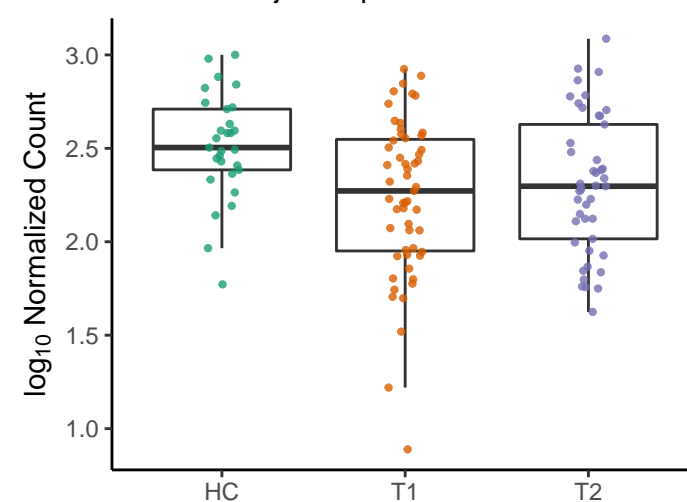
Ardenticatenales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.0059$
T1 vs. T2 adjusted $p = 0.75$



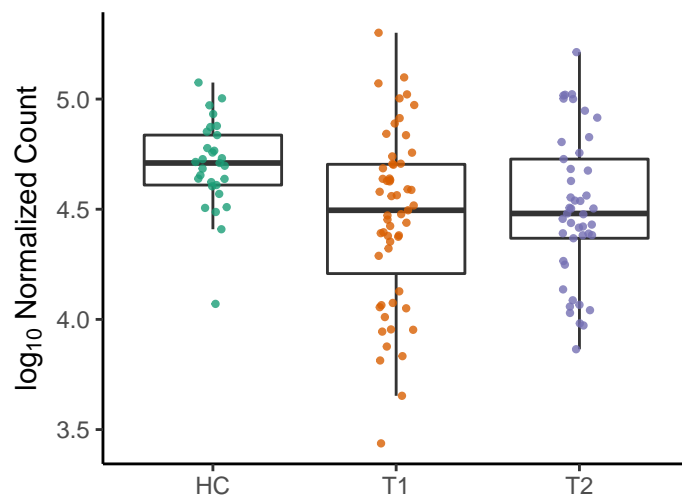
Bryobacteriales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.025$
T1 vs. T2 adjusted $p = 0.75$



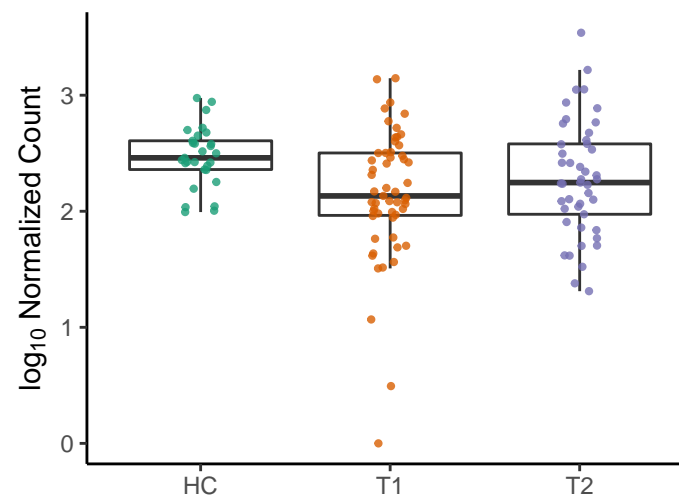
Burkholderiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



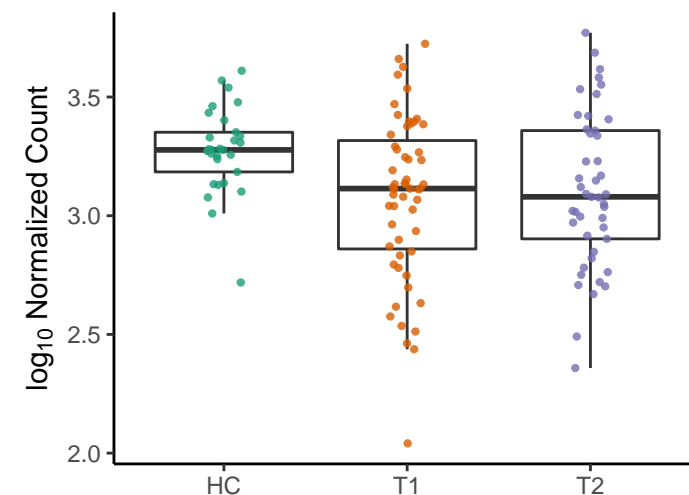
Catenulisporales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.75$



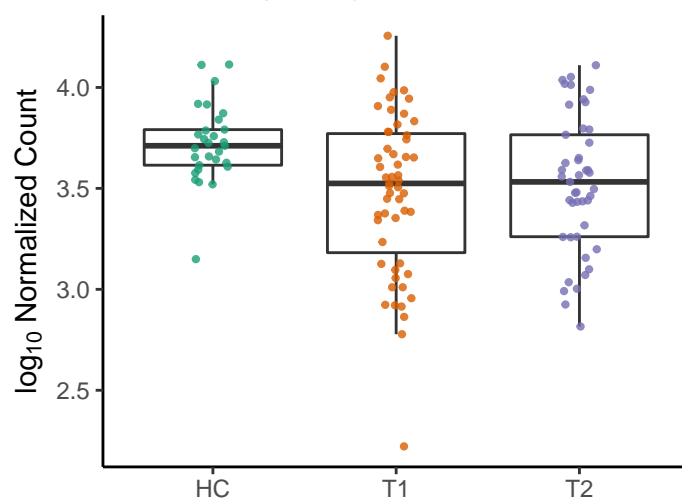
Chlorobiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.75$



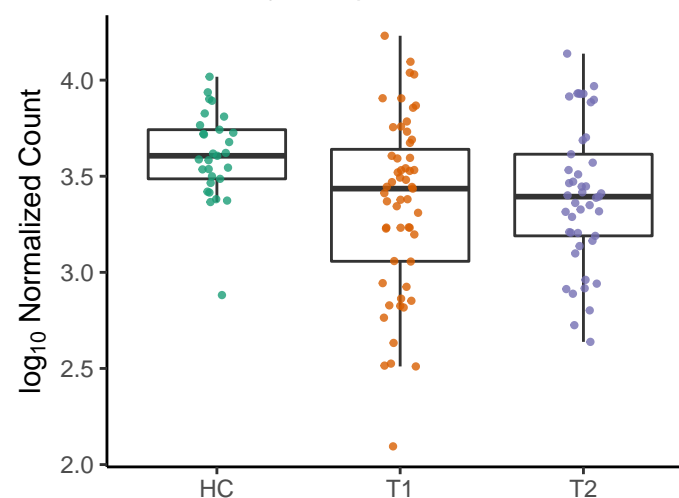
Chromatiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



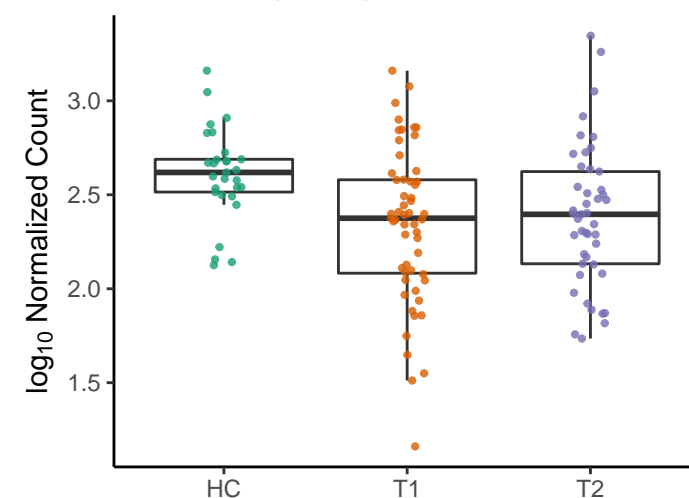
Deinococcales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.75$



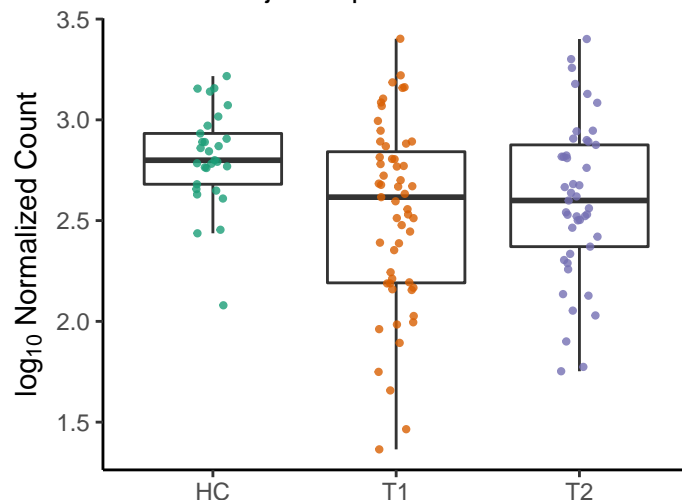
Fibrobacterales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



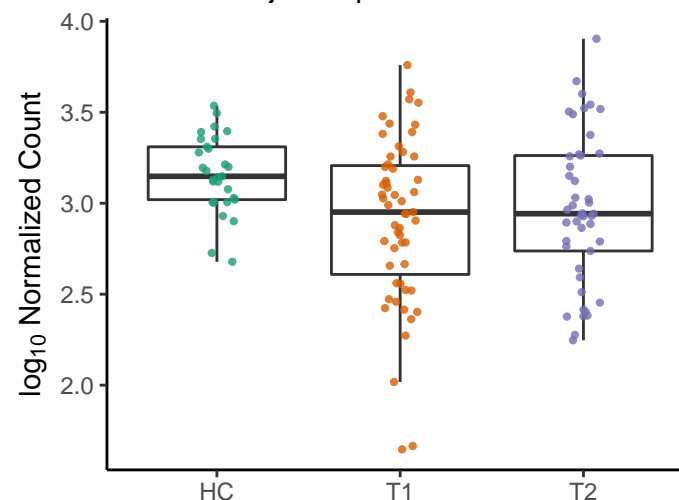
Gemmatimonadales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.75$



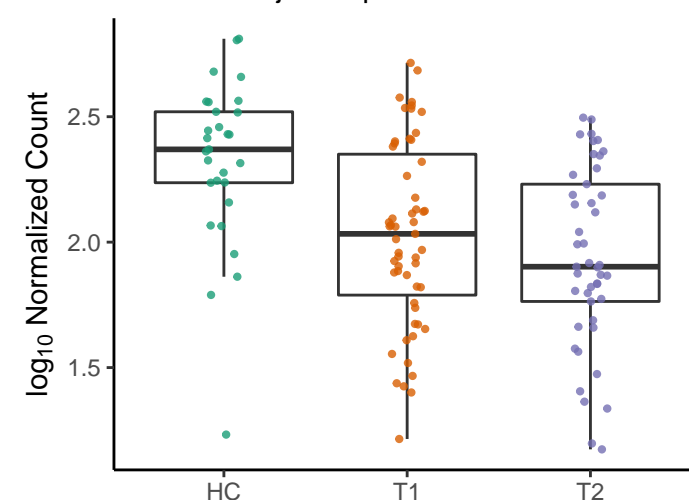
Halobacteriales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.75$



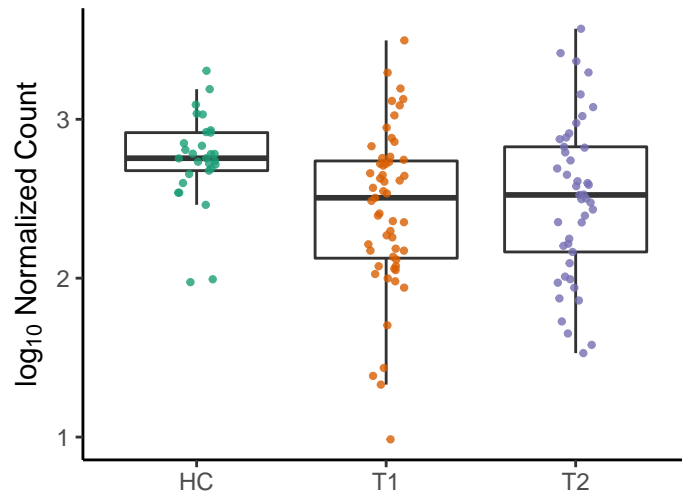
Holospirales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.0032$
T1 vs. T2 adjusted $p = 0.75$



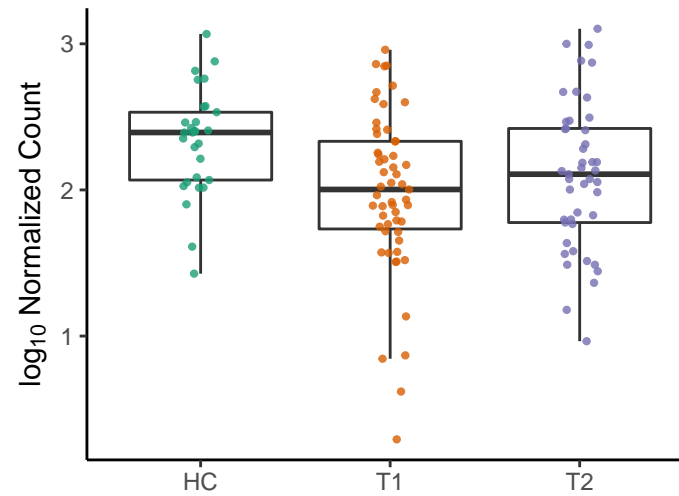
Jiangellales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.024$
T1 vs. T2 adjusted $p = 0.75$



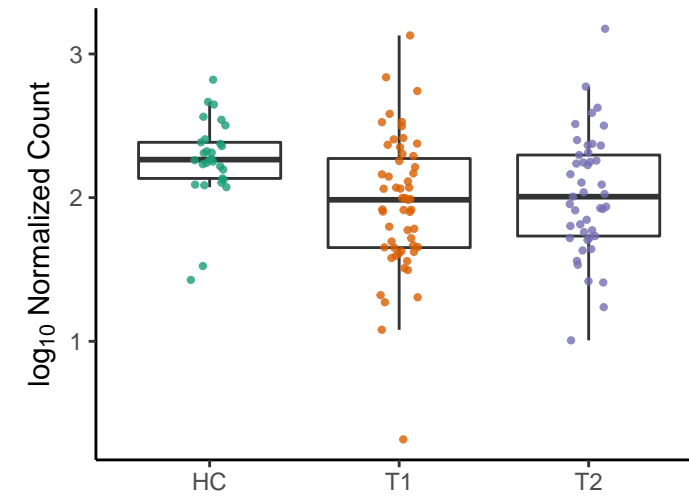
Kineosporiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.043$
T1 vs. T2 adjusted $p = 0.75$



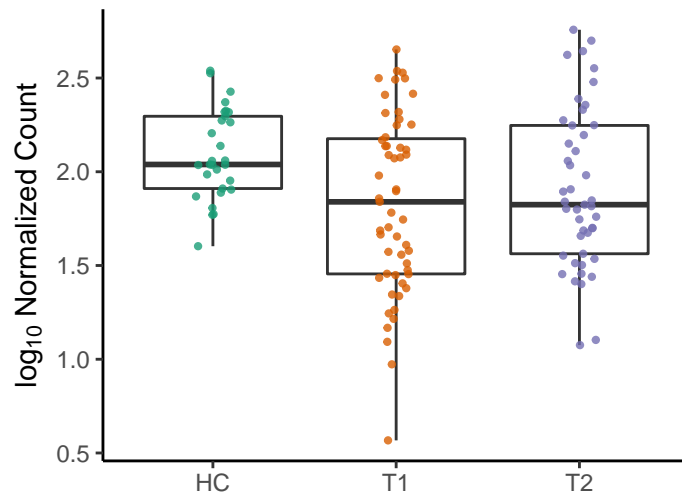
Ktedonobacterales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.75$



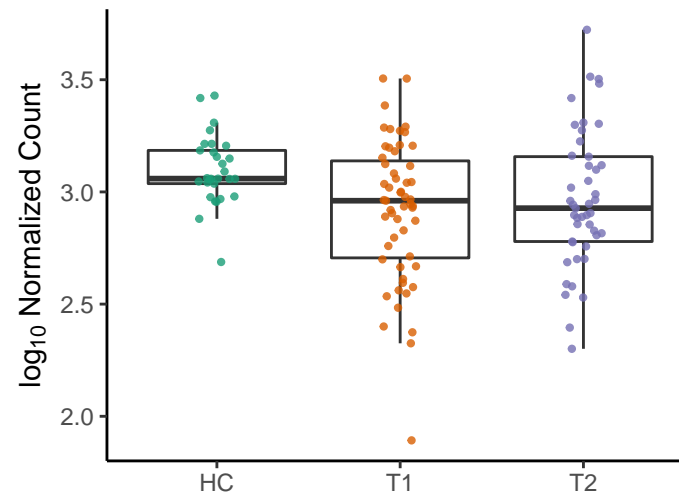
Methylacidiphilales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.75$



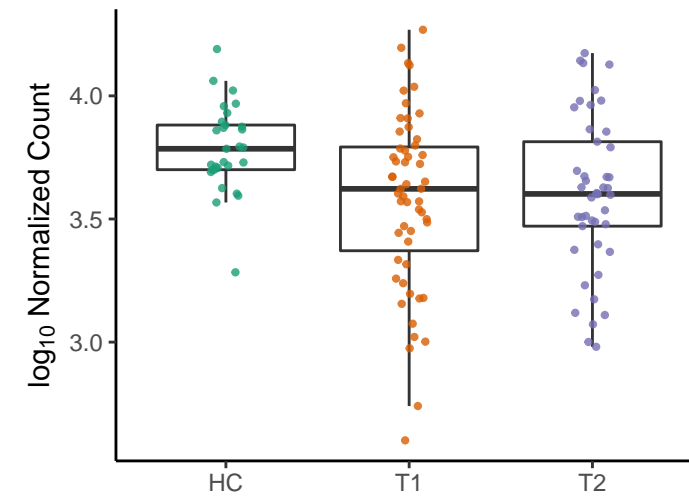
Methylococcales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.75$



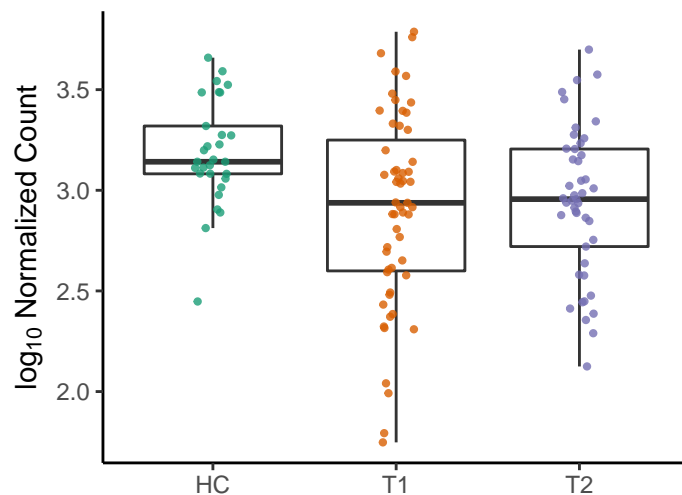
Neisseriales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.77$



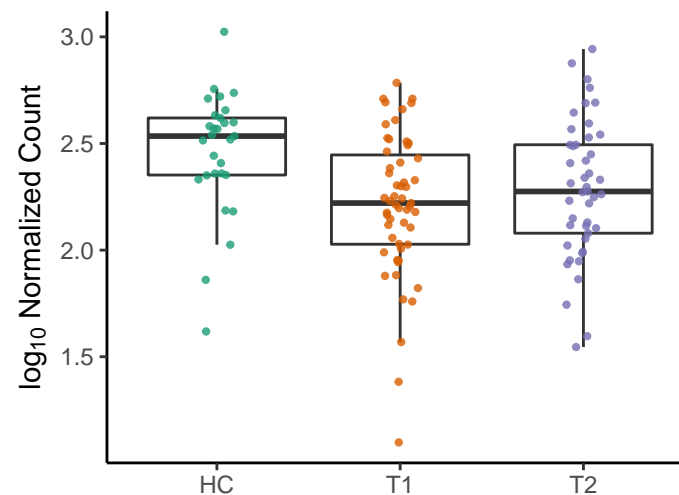
Opitutales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.77$



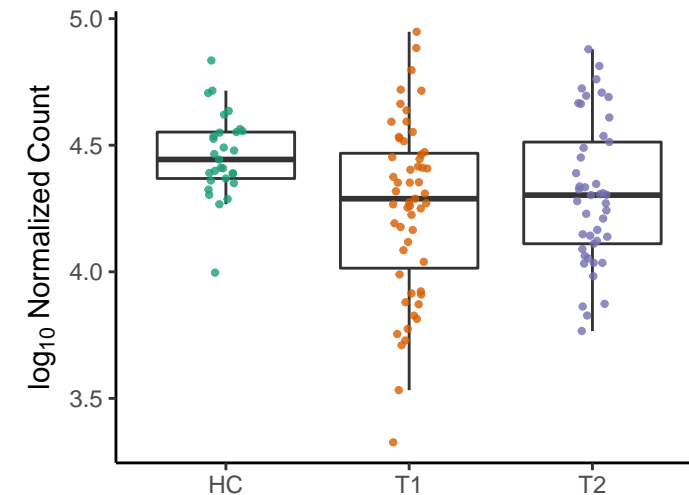
Parachlamydiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.75$



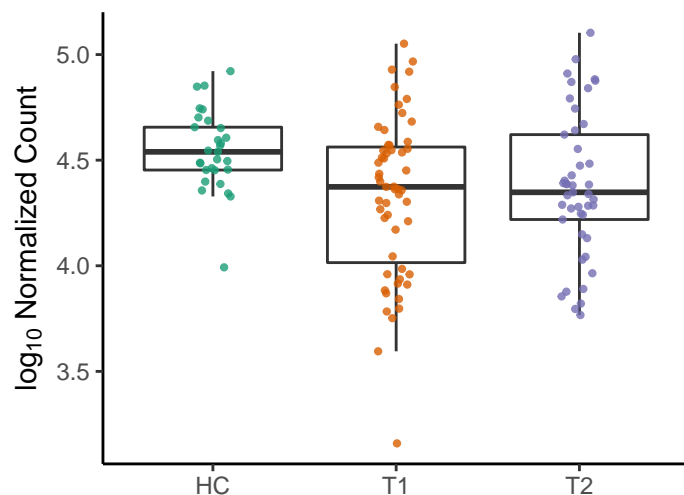
Pseudomonadales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.75$



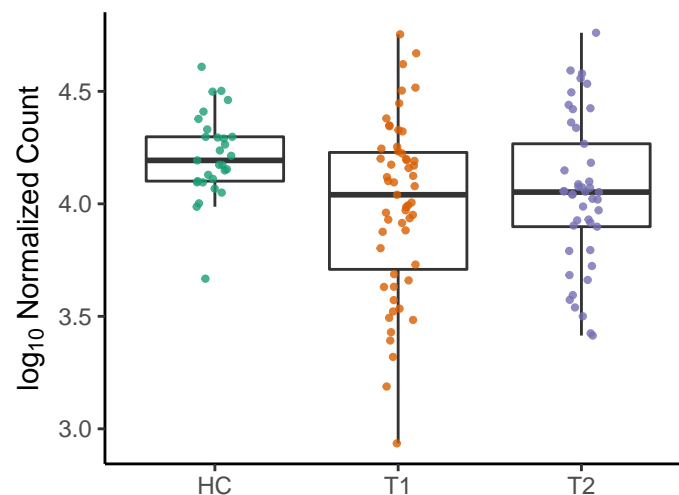
Rhizobiales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.024$
T1 vs. T2 adjusted $p = 0.75$



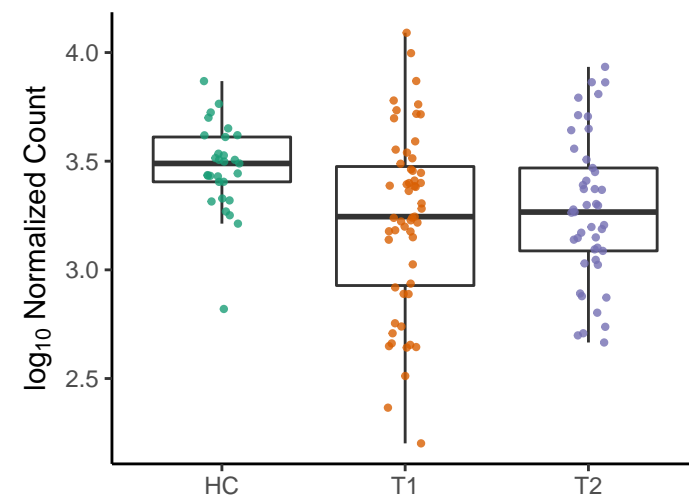
Rhodobacterales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.75$



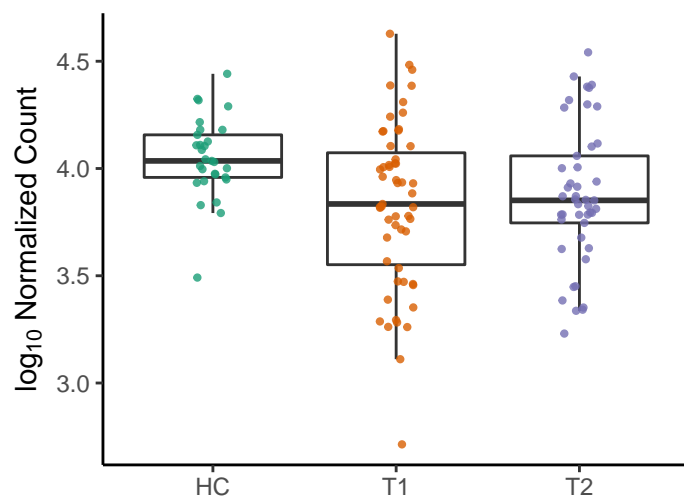
Rhodocyclales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



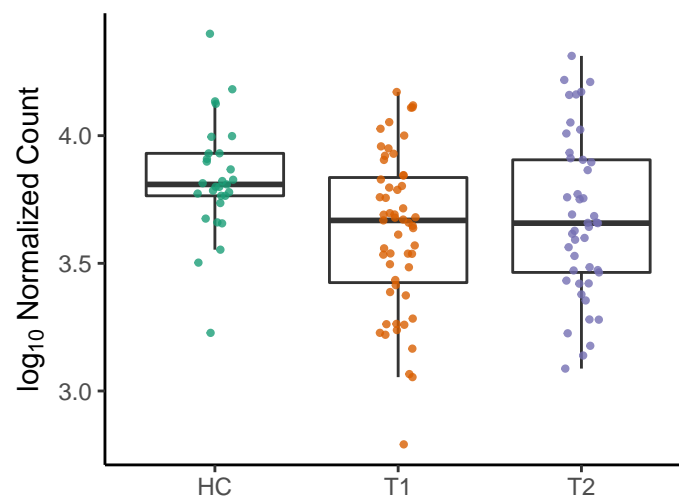
Rhodospirillales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.75$



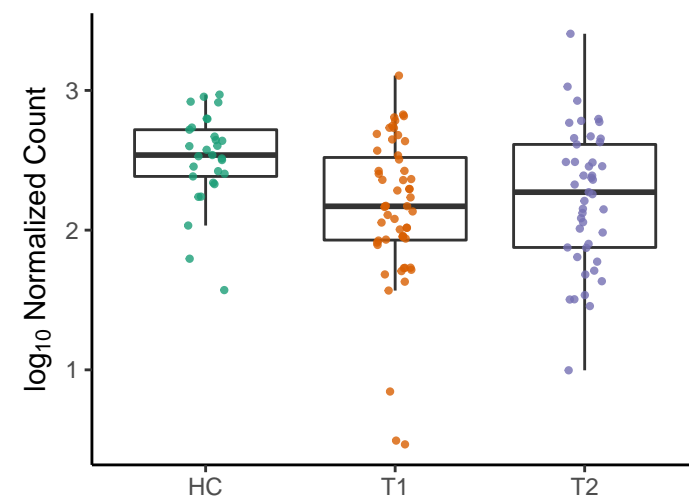
Selenomonadales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.035$
T1 vs. T2 adjusted $p = 0.75$



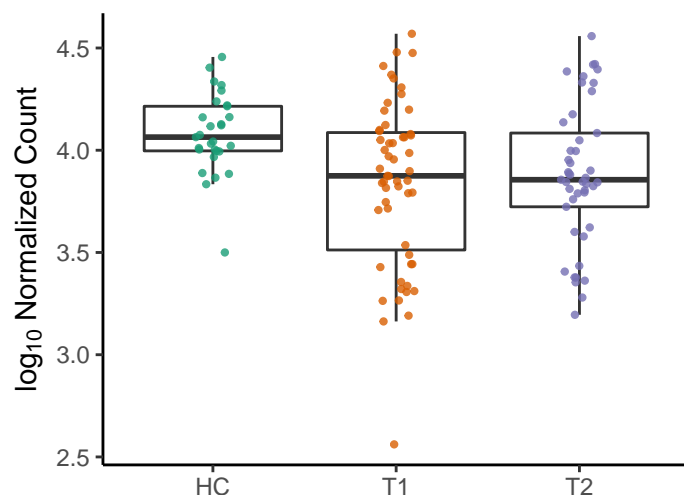
Solirubrobacterales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.75$



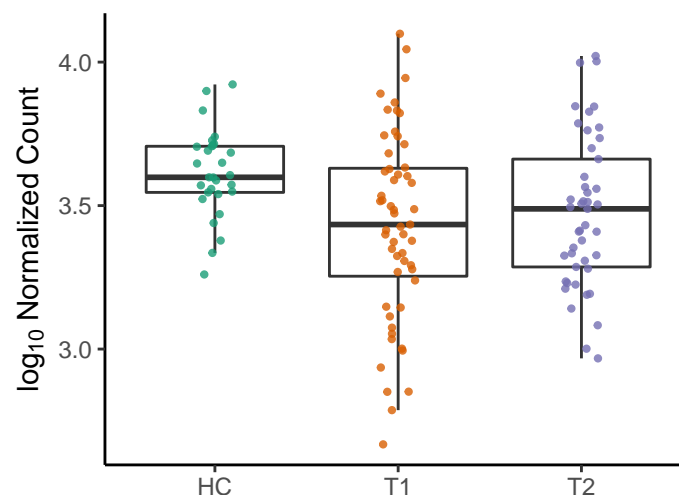
Sphingomonadales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



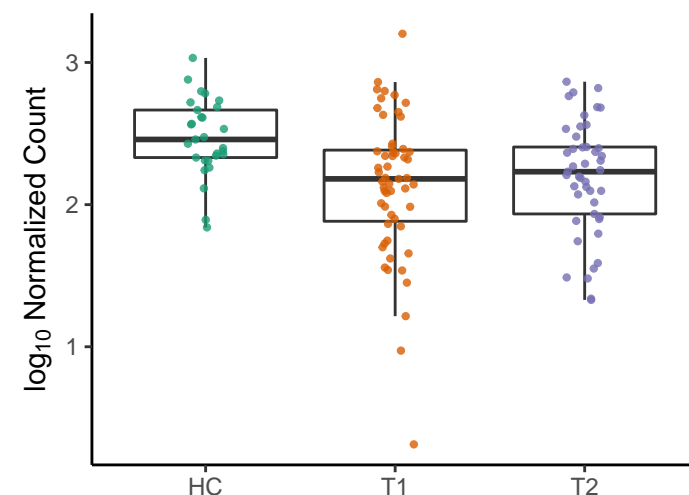
Synechococcales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.75$



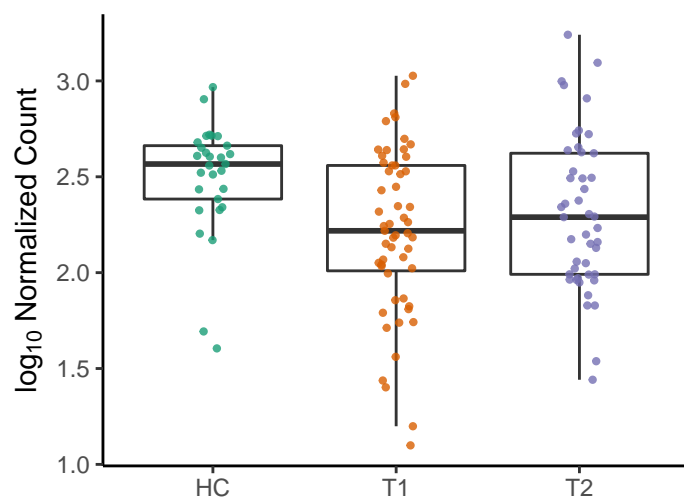
Tepidiformales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.012$
T1 vs. T2 adjusted $p = 0.75$



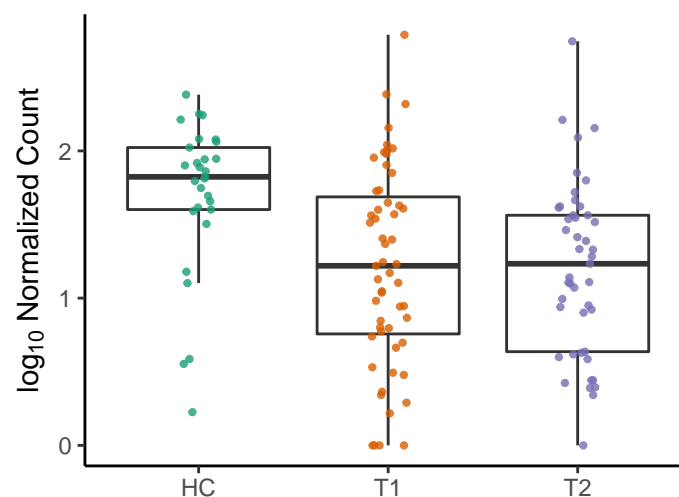
Thermoplasmatales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.043$
T1 vs. T2 adjusted $p = 0.75$



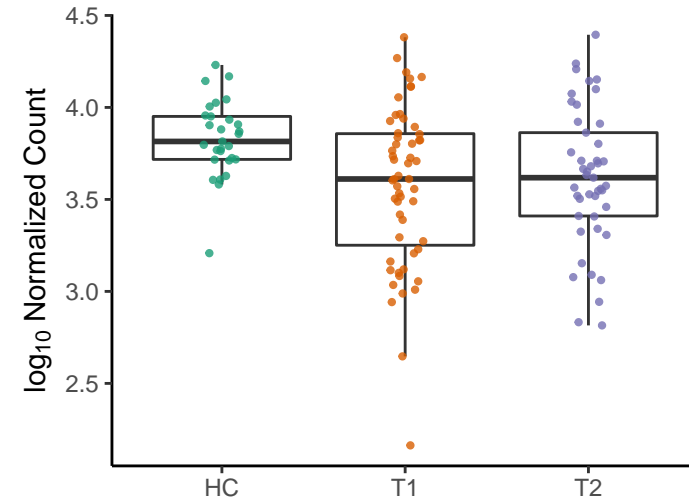
Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.0076$
T1 vs. T2 adjusted $p = 0.99$



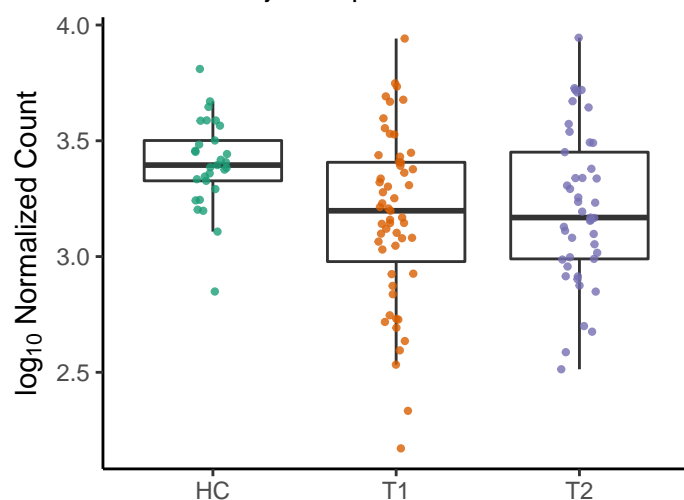
Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



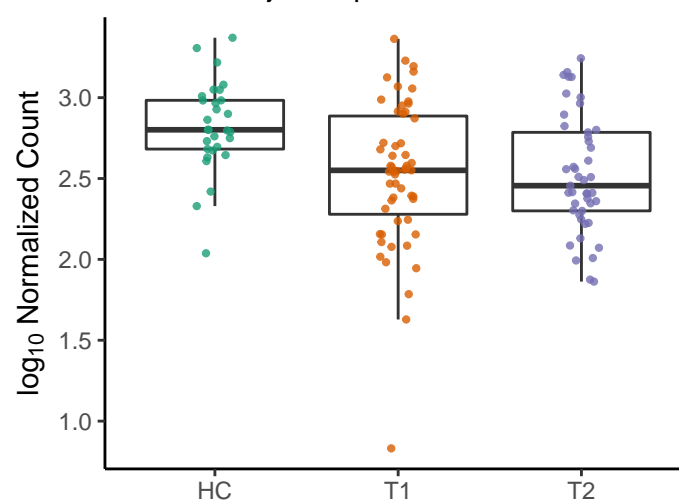
Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



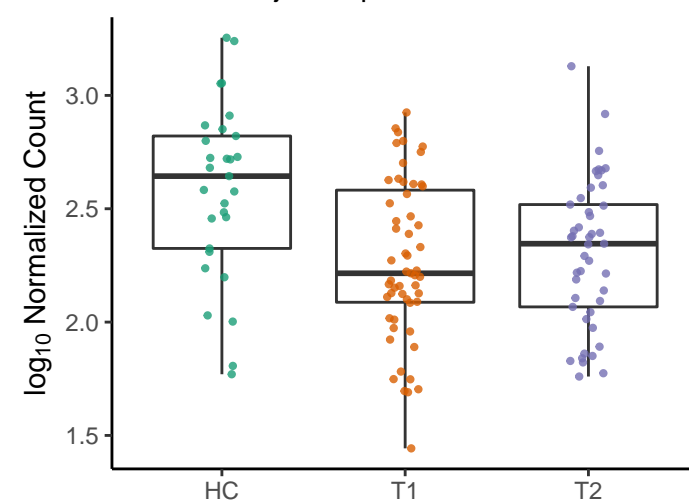
Unclassified Candidatus Saccharibacte

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.0059$
T1 vs. T2 adjusted $p = 0.9$



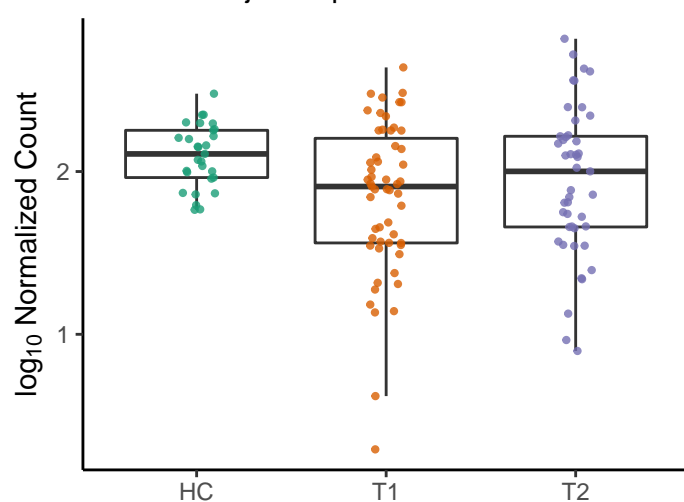
Unclassified Negativicutes Class

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



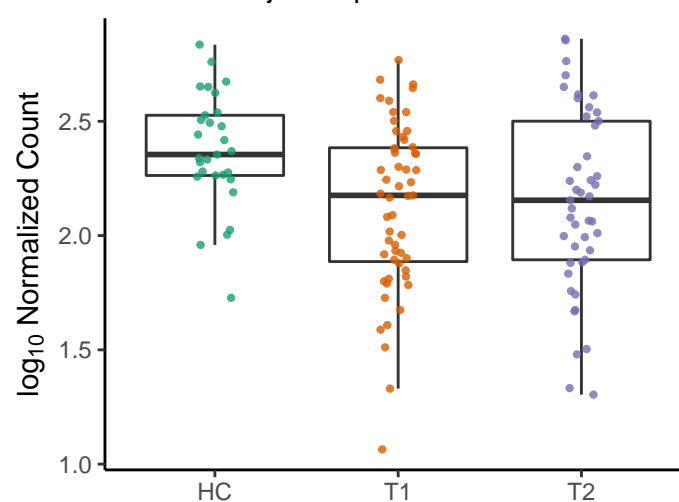
Unclassified Phycisphaerae Class

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.073$
T1 vs. T2 adjusted $p = 0.75$



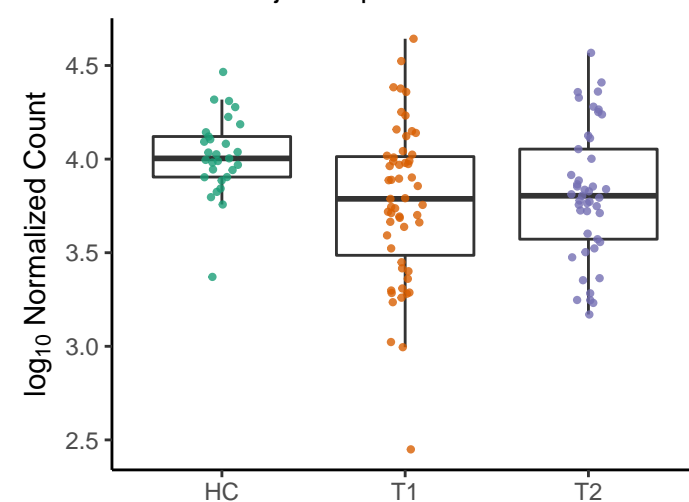
Ustilaginales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.75$



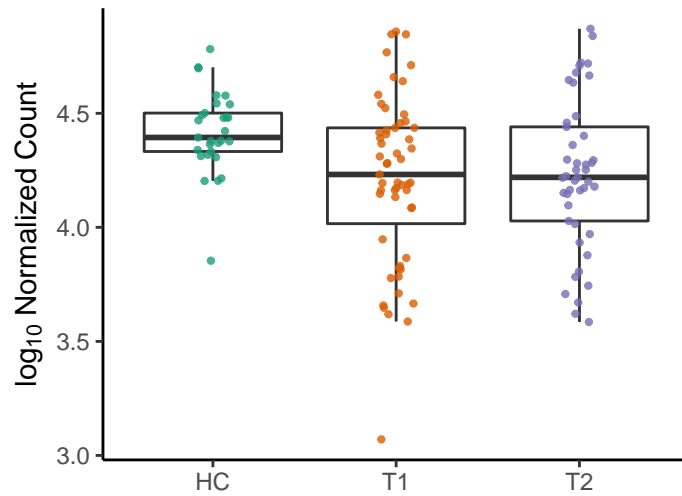
Xanthomonadales

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



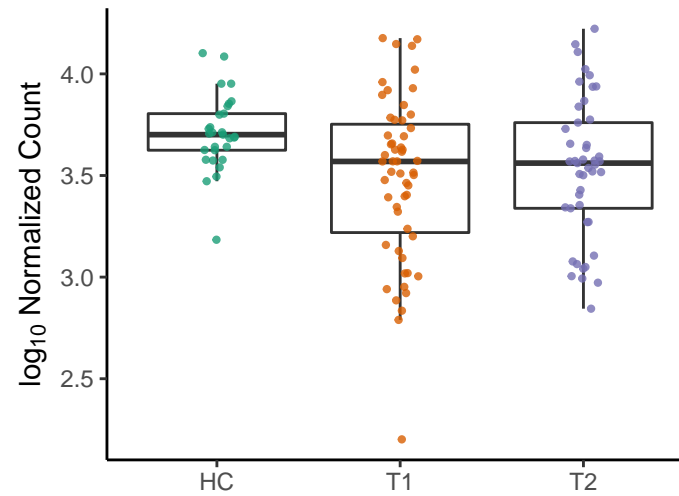
Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted $p = 0.0048$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



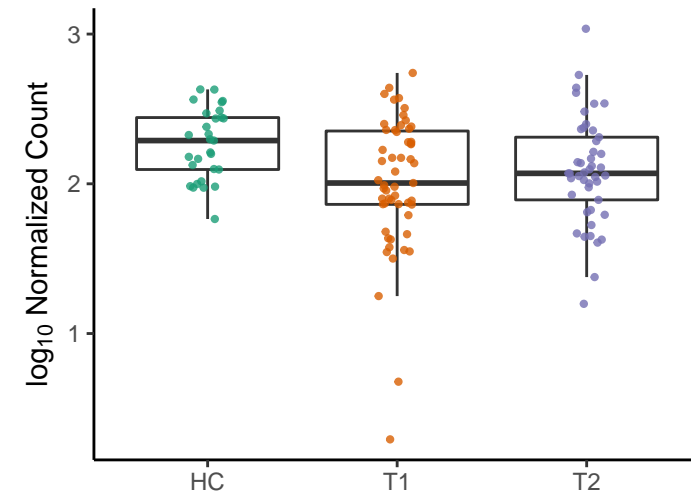
Desulfuromonadales

non-ED vs. T1 adjusted $p = 0.0049$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.75$



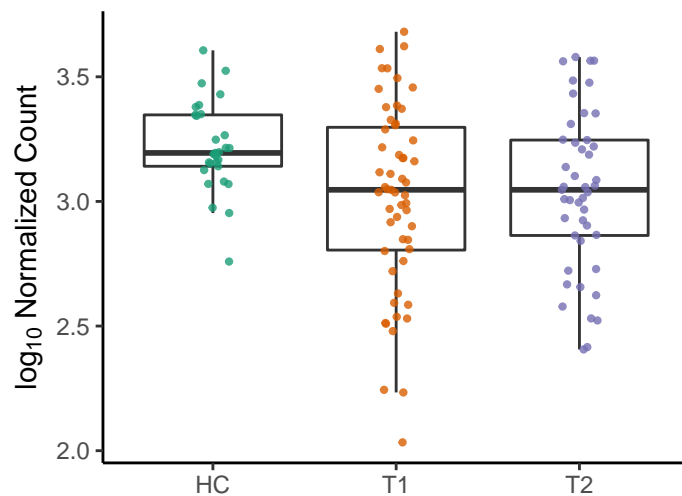
Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted $p = 0.0052$
non-ED vs. T2 adjusted $p = 0.033$
T1 vs. T2 adjusted $p = 0.75$



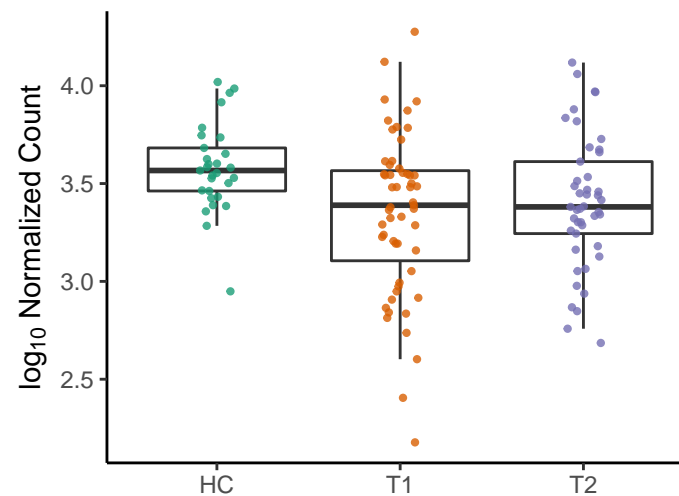
Acidobacteriales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.79$



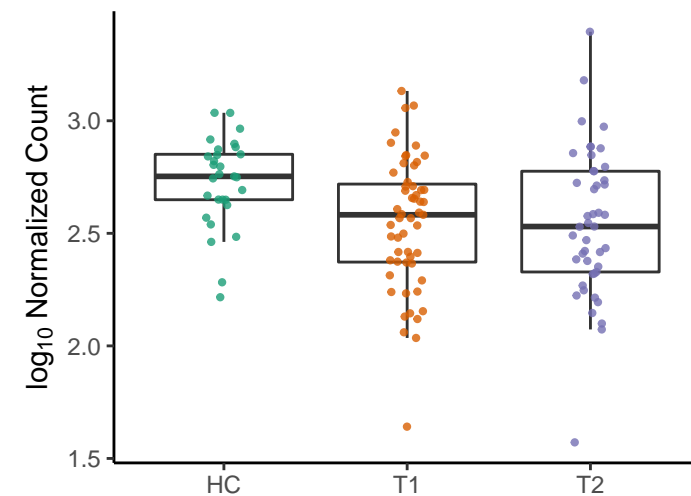
Caulobacteriales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.025$
T1 vs. T2 adjusted $p = 0.75$



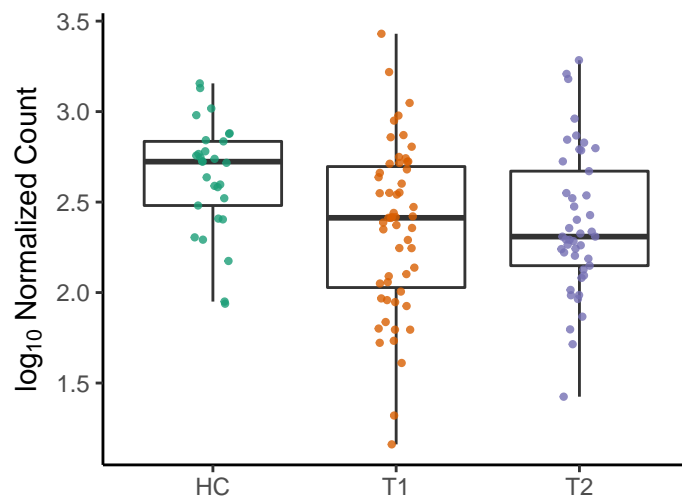
Eurotiales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.95$



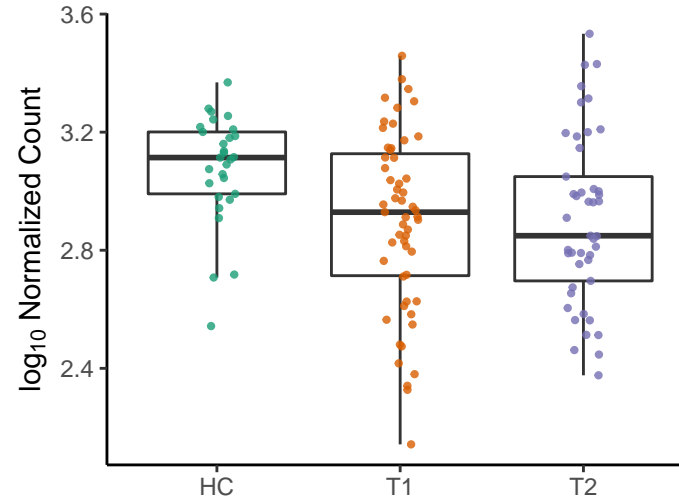
Glomerellales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



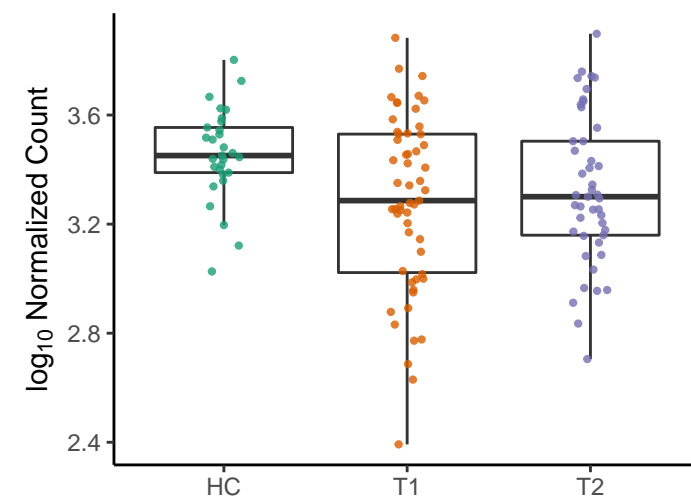
Hypocreales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.9$



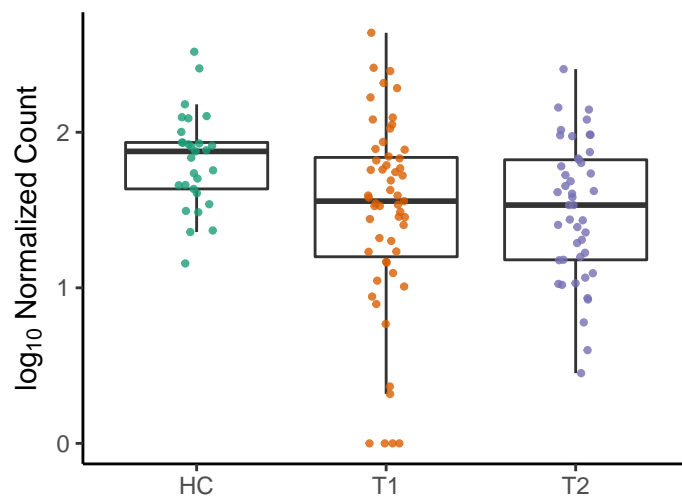
Nitrosomonadales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.75$



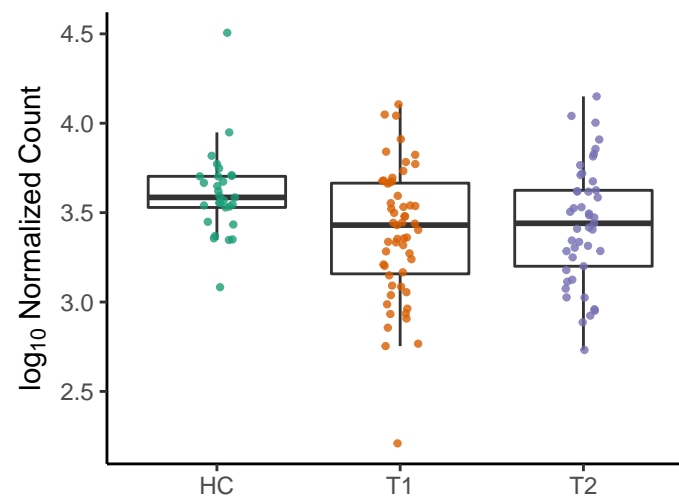
Unclassified Planctomycetia Class

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.011$
T1 vs. T2 adjusted $p = 0.75$



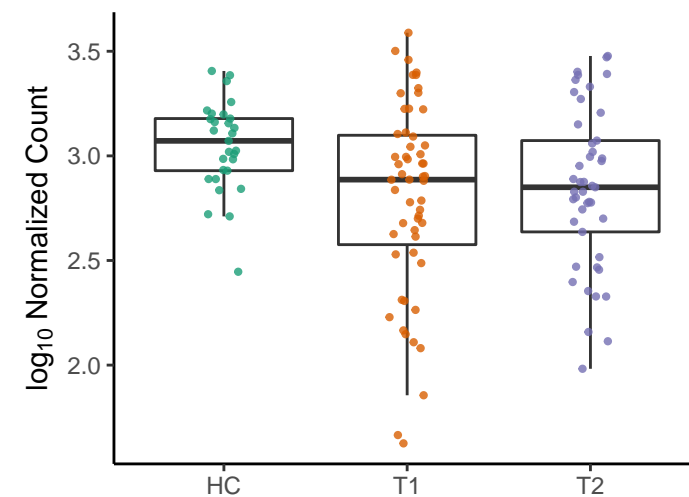
Aeromonadales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.75$



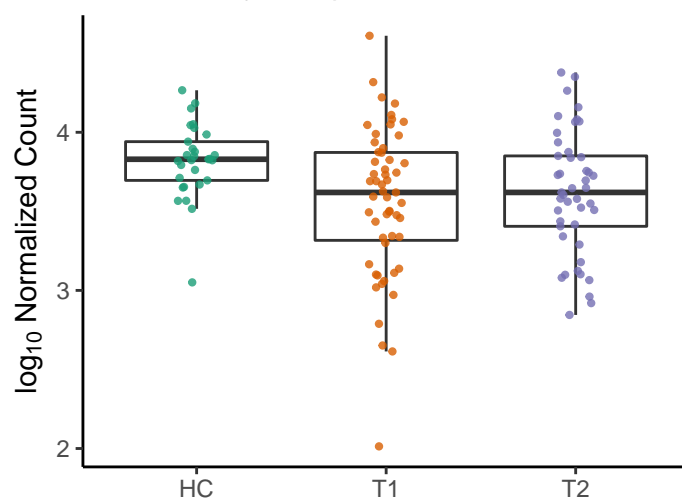
Bacteroidetes Order II. Incertae sedis

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.75$



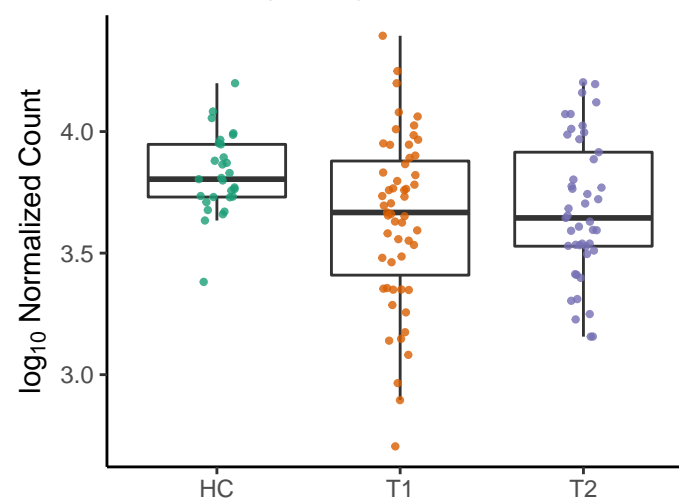
Micromonosporales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.75$



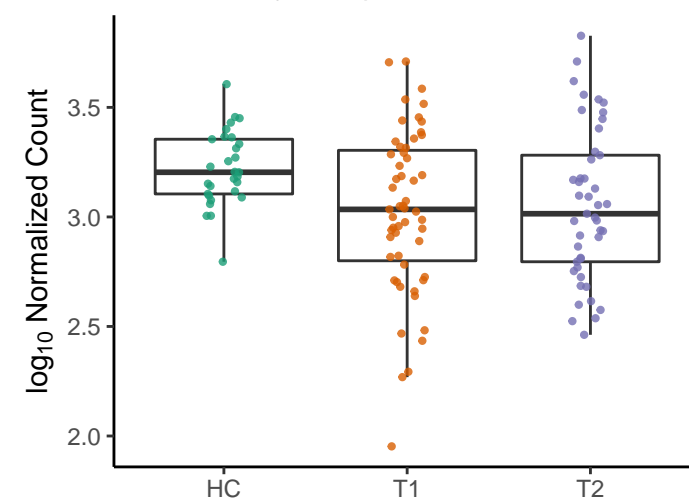
Oceanospirillales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.026$
T1 vs. T2 adjusted $p = 0.75$



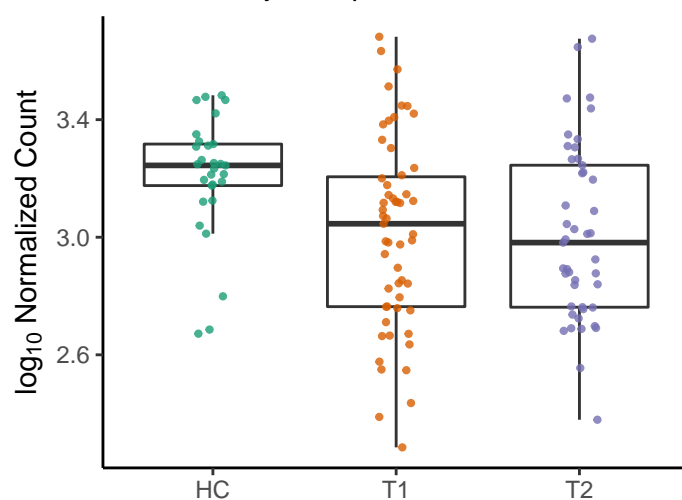
Planctomycetales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.024$
T1 vs. T2 adjusted $p = 0.77$



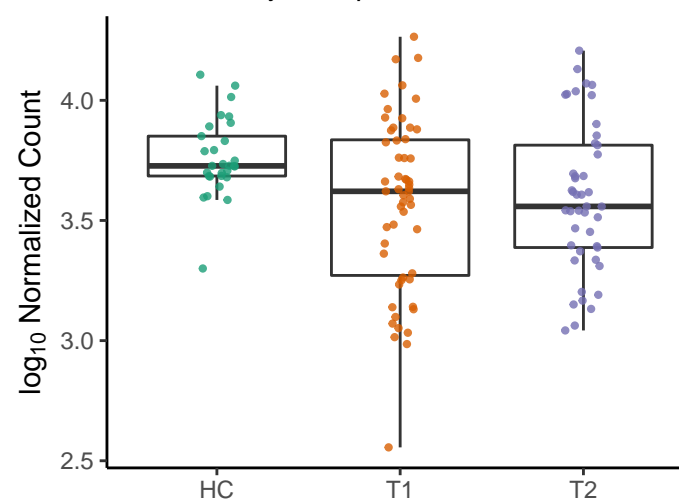
Thiotrichales

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.94$



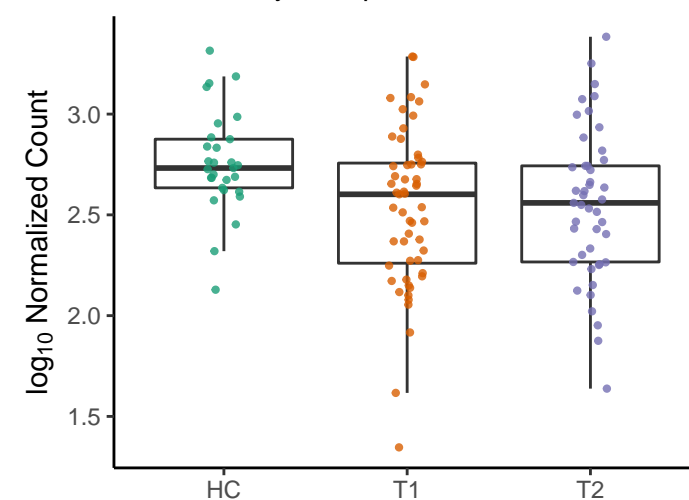
Unclassified Planctomycetes Phylum

non-ED vs. T1 adjusted $p = 0.0054$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.77$



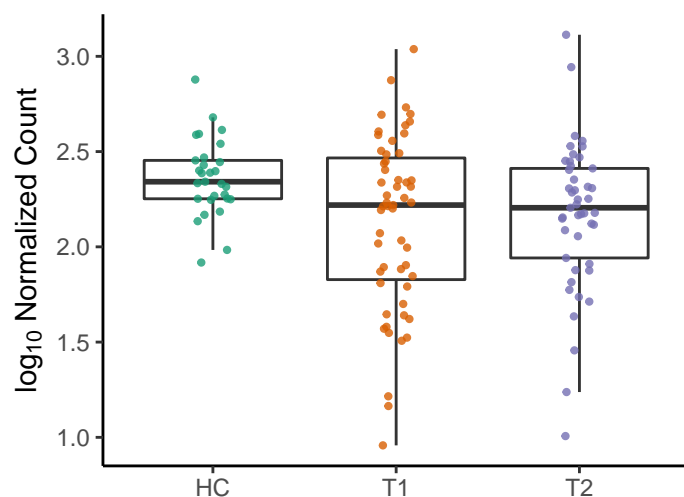
Chloroflexales

non-ED vs. T1 adjusted $p = 0.0069$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.81$



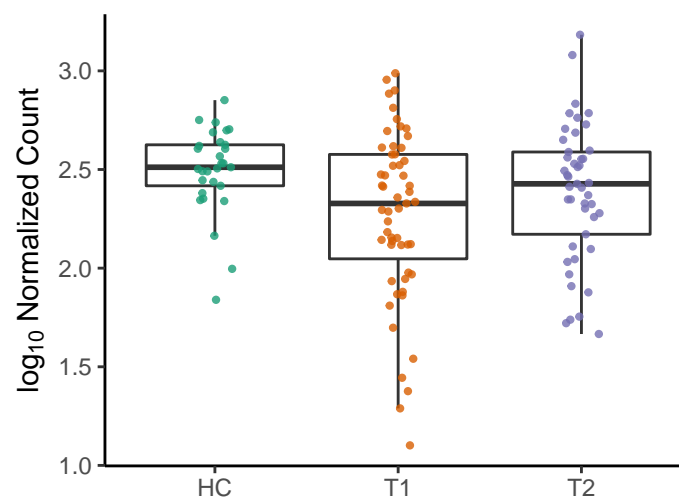
Emcibacteriales

non-ED vs. T1 adjusted $p = 0.0069$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.81$



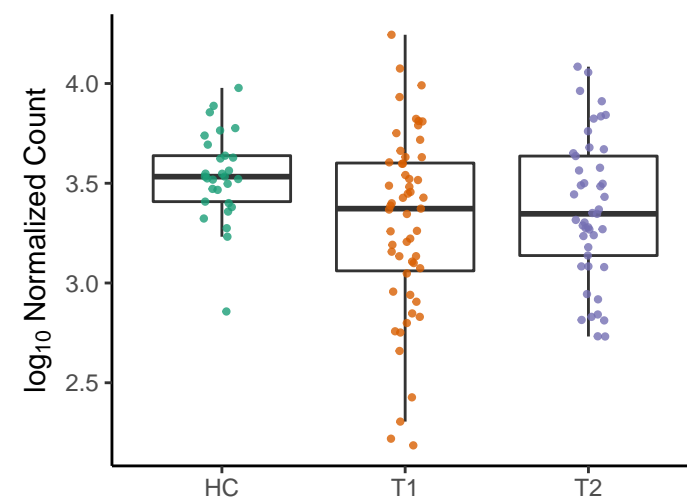
Nakamurellales

non-ED vs. T1 adjusted $p = 0.0069$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.75$



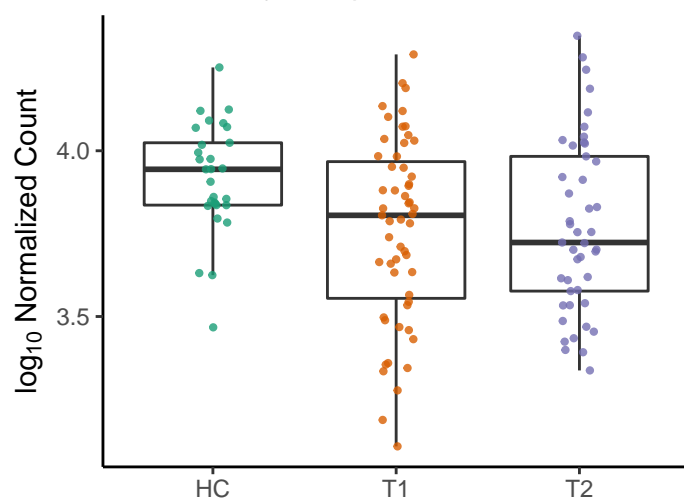
Streptosporangiales

non-ED vs. T1 adjusted $p = 0.0069$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.75$



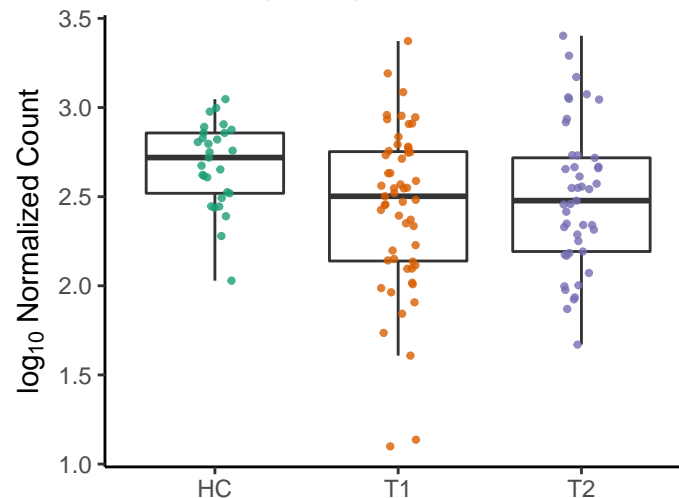
Alteromonadales

non-ED vs. T1 adjusted $p = 0.007$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.87$



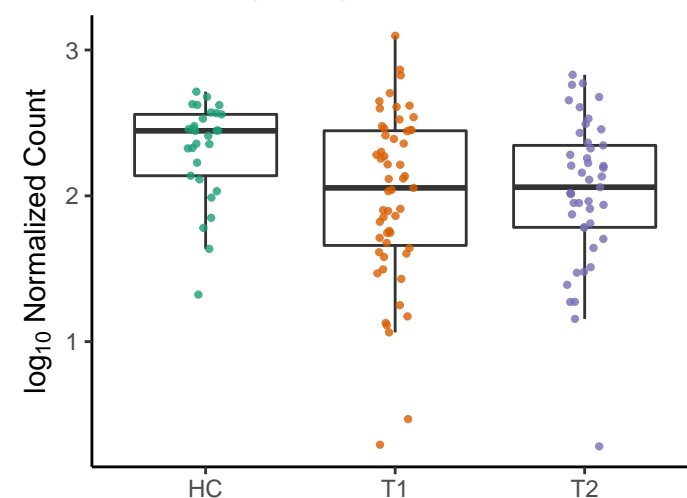
Bradymonadales

non-ED vs. T1 adjusted $p = 0.007$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.75$



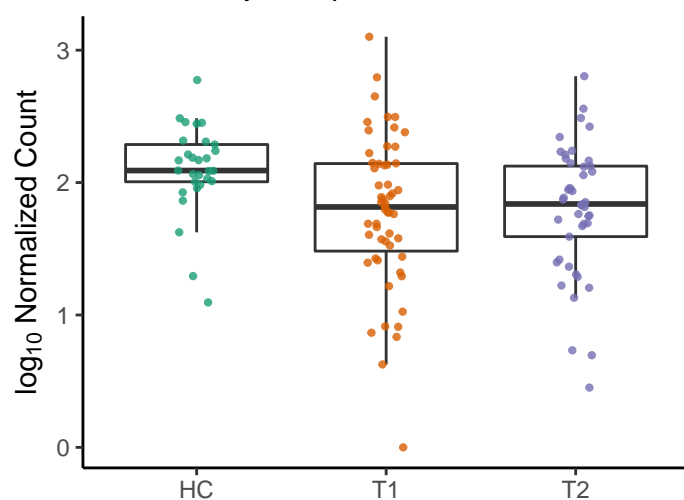
Phycisphaerales

non-ED vs. T1 adjusted $p = 0.007$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.9$



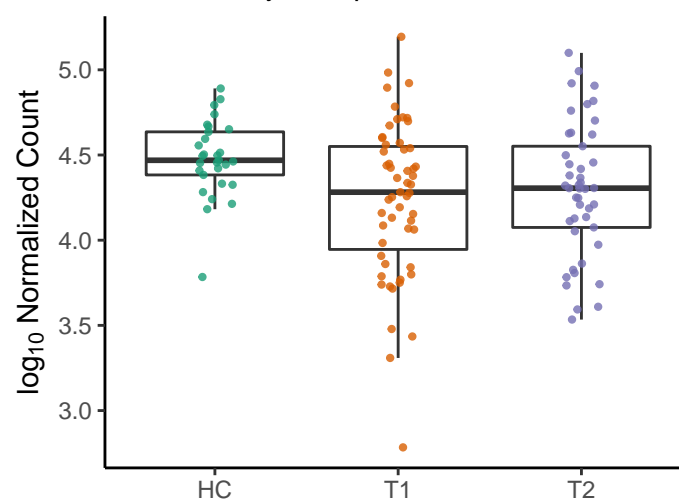
Salinisphaerales

non-ED vs. T1 adjusted $p = 0.007$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.79$



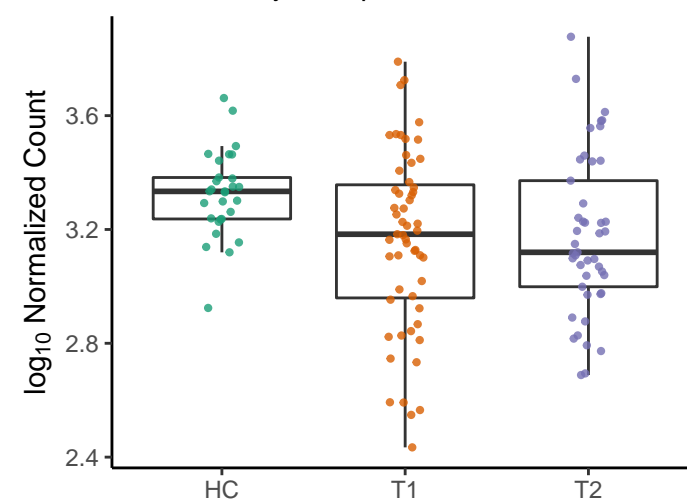
Streptomycetales

non-ED vs. T1 adjusted $p = 0.007$
non-ED vs. T2 adjusted $p = 0.03$
T1 vs. T2 adjusted $p = 0.75$



Cellvibrionales

non-ED vs. T1 adjusted $p = 0.0072$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.81$

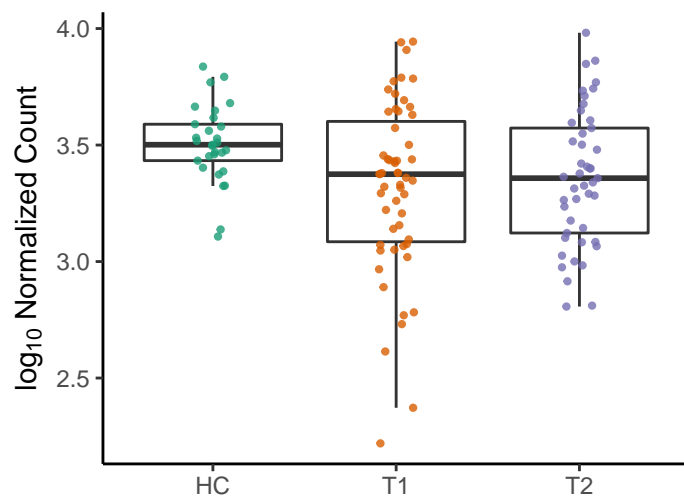


Desulfobacteriales

non-ED vs. T1 adjusted $p = 0.0073$

non-ED vs. T2 adjusted $p = 0.024$

T1 vs. T2 adjusted $p = 0.75$

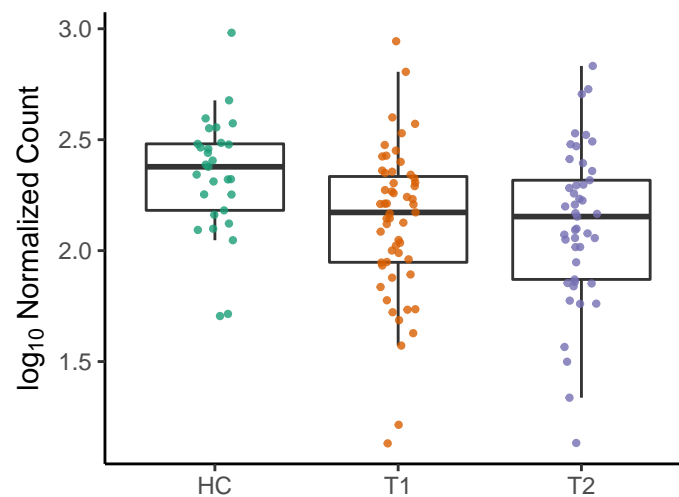


Kosmotogales

non-ED vs. T1 adjusted $p = 0.0077$

non-ED vs. T2 adjusted $p = 0.018$

T1 vs. T2 adjusted $p = 0.9$

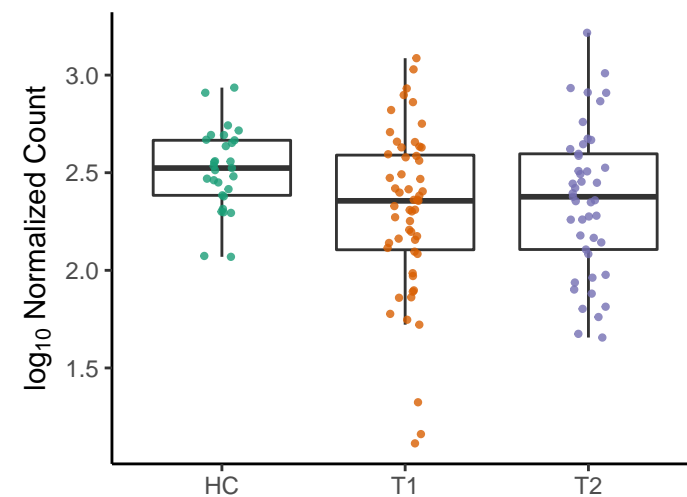


Acidiferrobacteriales

non-ED vs. T1 adjusted $p = 0.0081$

non-ED vs. T2 adjusted $p = 0.044$

T1 vs. T2 adjusted $p = 0.75$

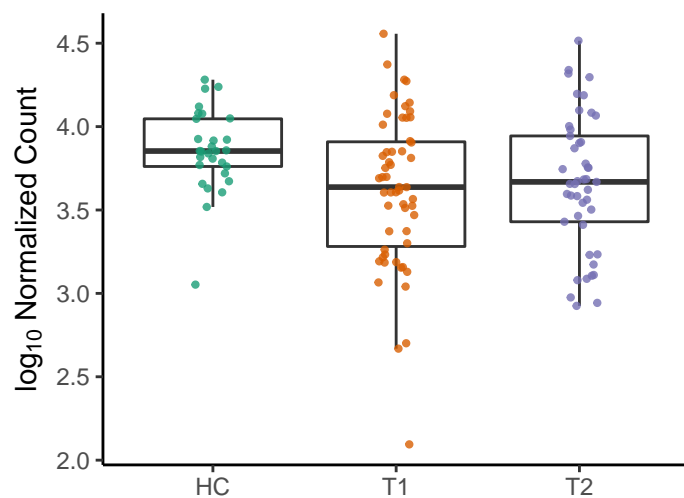


Pseudonocardiales

non-ED vs. T1 adjusted $p = 0.0082$

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

T1 vs. T2 adjusted $p = 0.75$

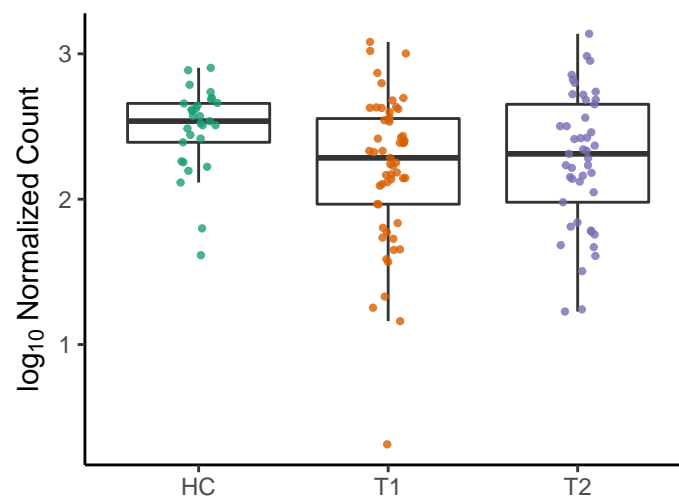


Desulfarculales

non-ED vs. T1 adjusted $p = 0.0082$

non-ED vs. T2 adjusted $p = 0.036$

T1 vs. T2 adjusted $p = 0.75$

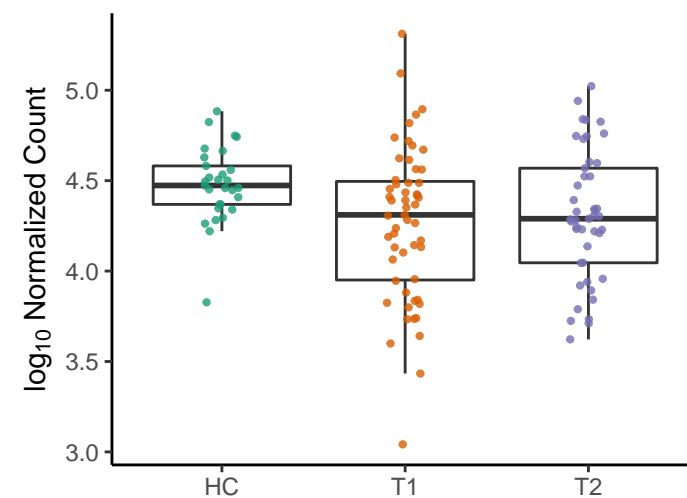


Corynebacteriales

non-ED vs. T1 adjusted $p = 0.0084$

non-ED vs. T2 adjusted $p = 0.031$

T1 vs. T2 adjusted $p = 0.75$

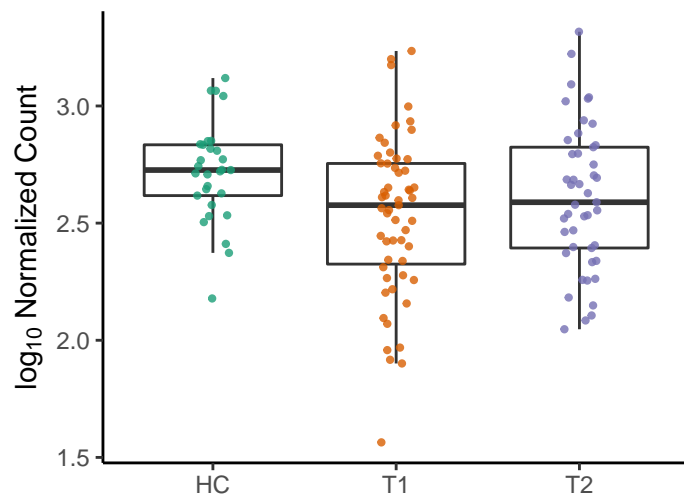


Sedimentisphaerales

non-ED vs. T1 adjusted $p = 0.0086$

non-ED vs. T2 adjusted $p = 0.1$

T1 vs. T2 adjusted $p = 0.75$

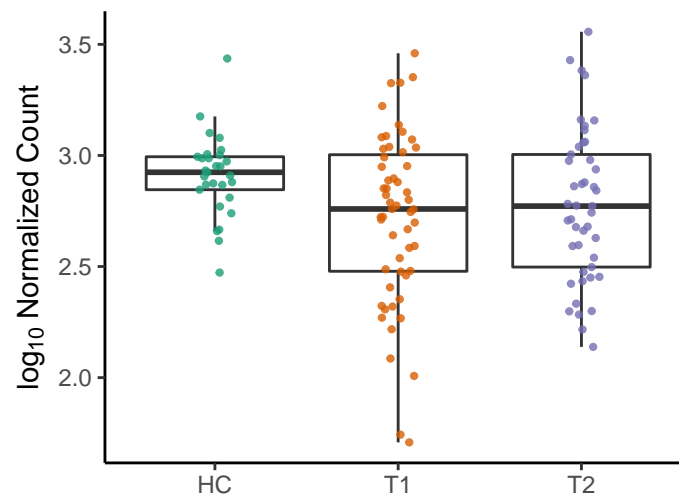


Anaerolineales

non-ED vs. T1 adjusted $p = 0.0086$

non-ED vs. T2 adjusted $p = 0.049$

T1 vs. T2 adjusted $p = 0.75$

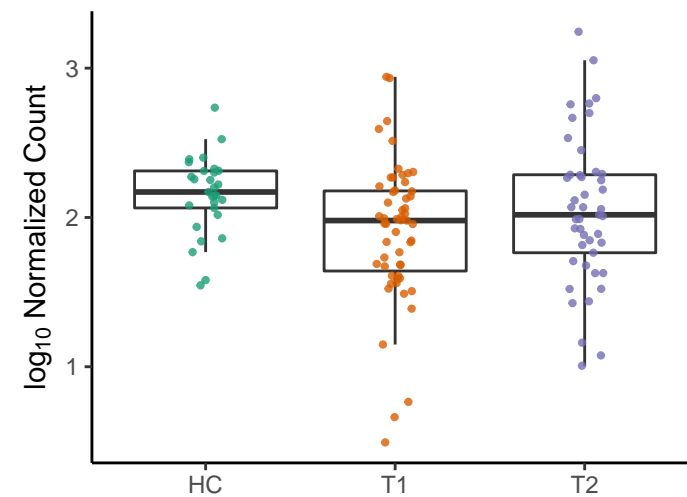


Fimbrimonadales

non-ED vs. T1 adjusted $p = 0.0086$

non-ED vs. T2 adjusted $p = 0.28$

T1 vs. T2 adjusted $p = 0.75$

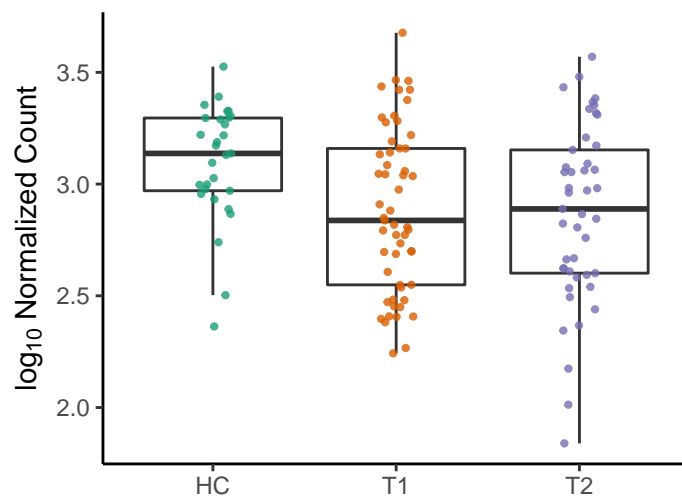


Rickettsiales

non-ED vs. T1 adjusted $p = 0.0086$

non-ED vs. T2 adjusted $p = 0.02$

T1 vs. T2 adjusted $p = 0.9$

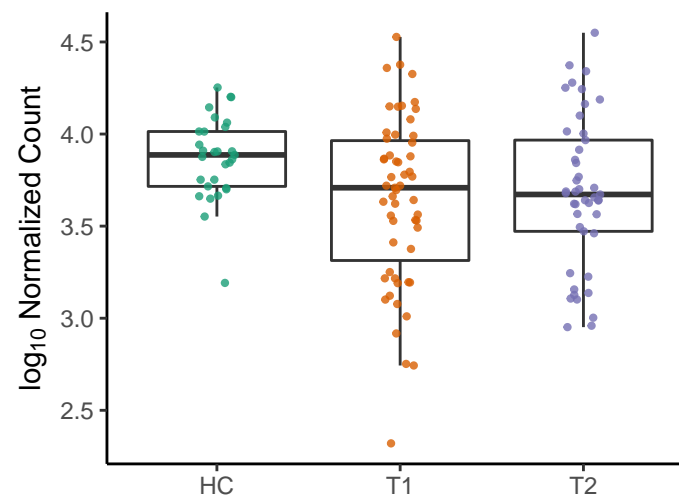


Myxococcales

non-ED vs. T1 adjusted $p = 0.0086$

non-ED vs. T2 adjusted $p = 0.032$

T1 vs. T2 adjusted $p = 0.75$

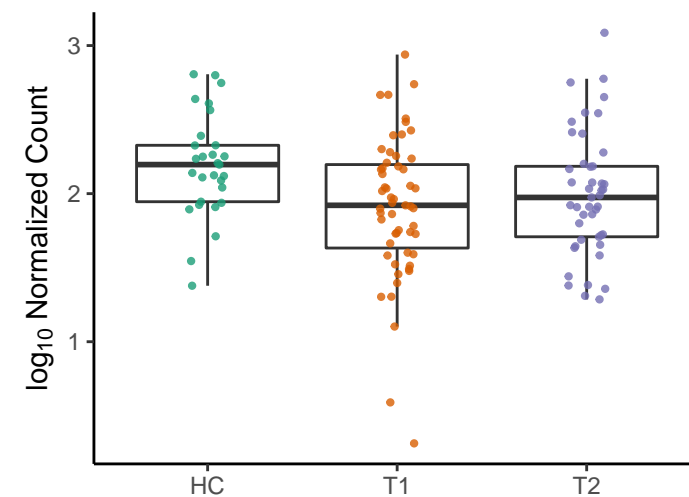


Kiritimatiellales

non-ED vs. T1 adjusted $p = 0.0089$

non-ED vs. T2 adjusted $p = 0.051$

T1 vs. T2 adjusted $p = 0.75$

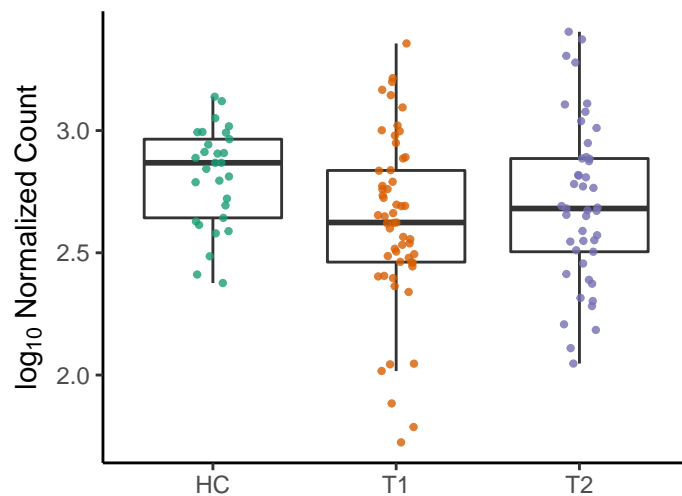


Magnaporthales

non-ED vs. T1 adjusted $p = 0.0091$

non-ED vs. T2 adjusted $p = 0.1$

T1 vs. T2 adjusted $p = 0.75$

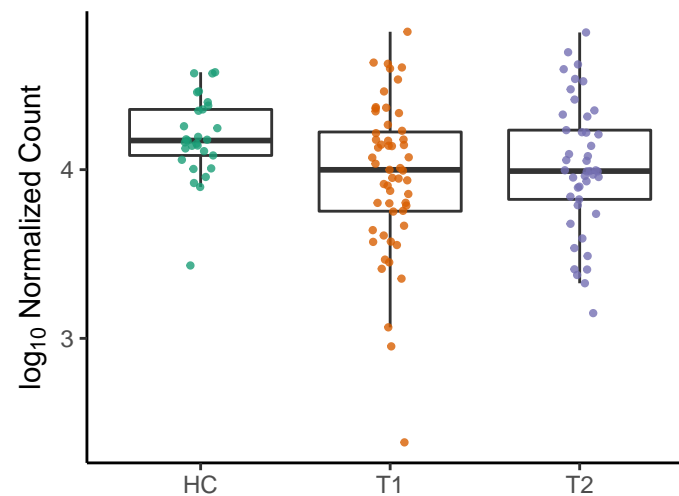


Unclassified Actinobacteria Class

non-ED vs. T1 adjusted $p = 0.0091$

non-ED vs. T2 adjusted $p = 0.037$

T1 vs. T2 adjusted $p = 0.75$

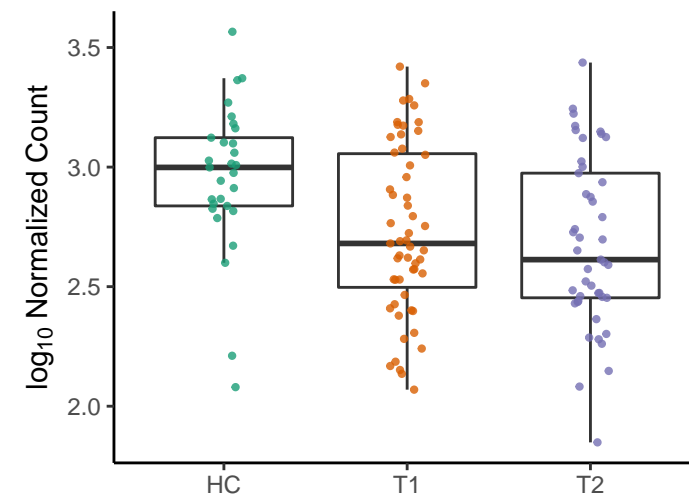


Acholeplasmatales

non-ED vs. T1 adjusted $p = 0.0096$

non-ED vs. T2 adjusted $p = 0.015$

T1 vs. T2 adjusted $p = 0.77$

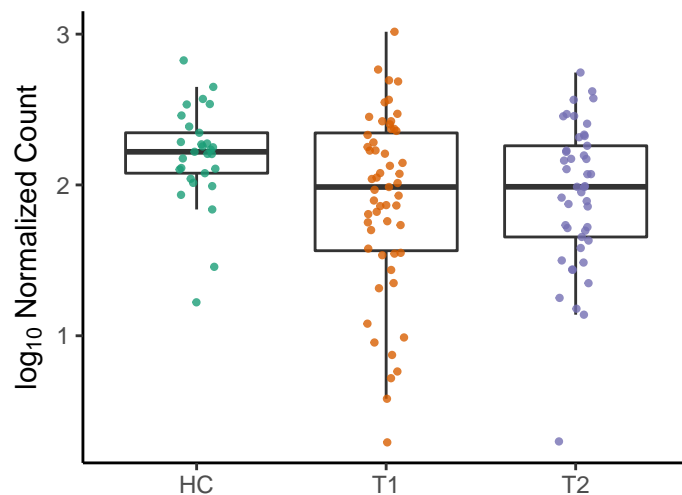


Immundisolibacterales

non-ED vs. T1 adjusted $p = 0.0098$

non-ED vs. T2 adjusted $p = 0.024$

T1 vs. T2 adjusted $p = 0.75$

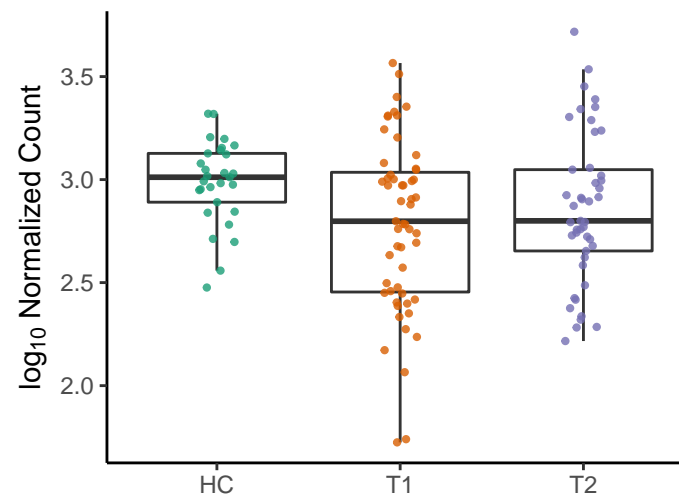


Natrialbales

non-ED vs. T1 adjusted $p = 0.0098$

non-ED vs. T2 adjusted $p = 0.079$

T1 vs. T2 adjusted $p = 0.75$

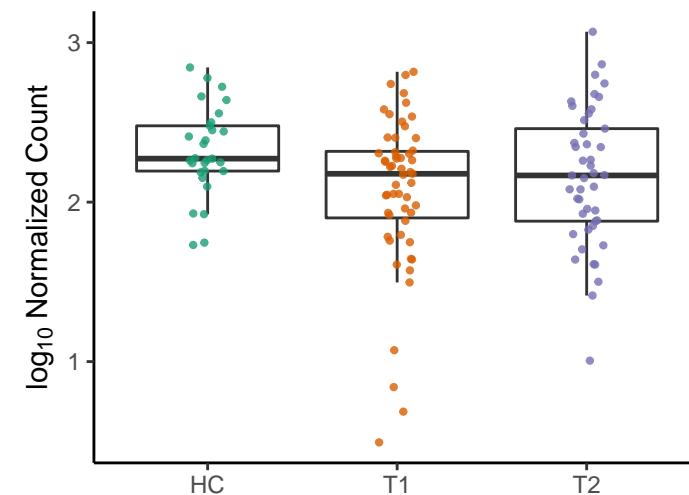


Unclassified Halobacteria Class

non-ED vs. T1 adjusted $p = 0.0098$

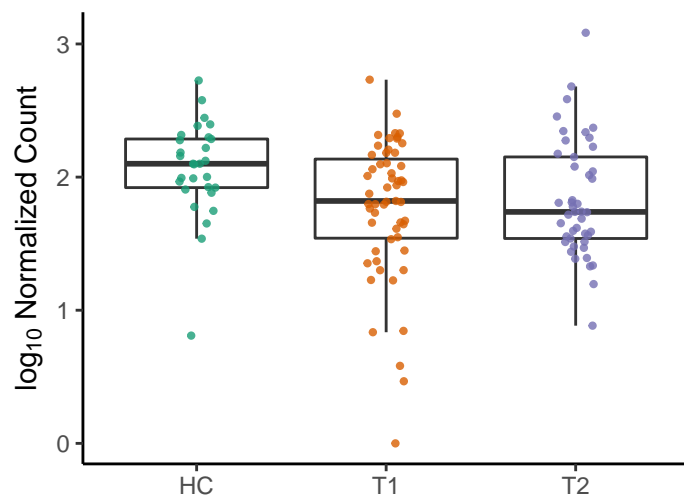
non-ED vs. T2 adjusted $p = 0.076$

T1 vs. T2 adjusted $p = 0.75$



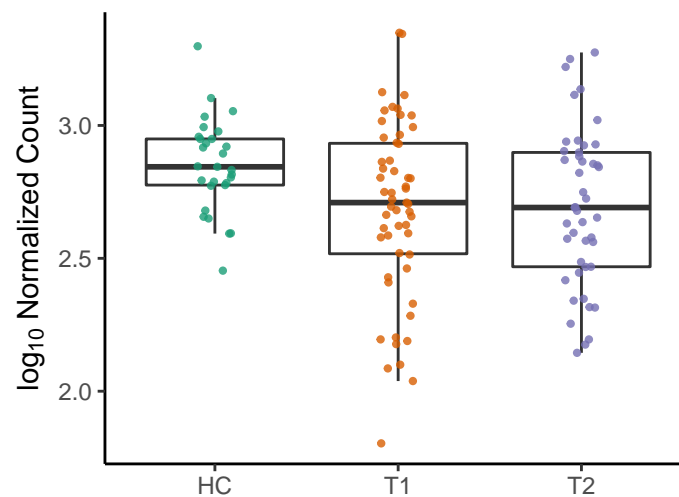
Unclassified Thermoplasmata Class

non-ED vs. T1 adjusted $p = 0.0098$
non-ED vs. T2 adjusted $p = 0.035$
T1 vs. T2 adjusted $p = 0.75$



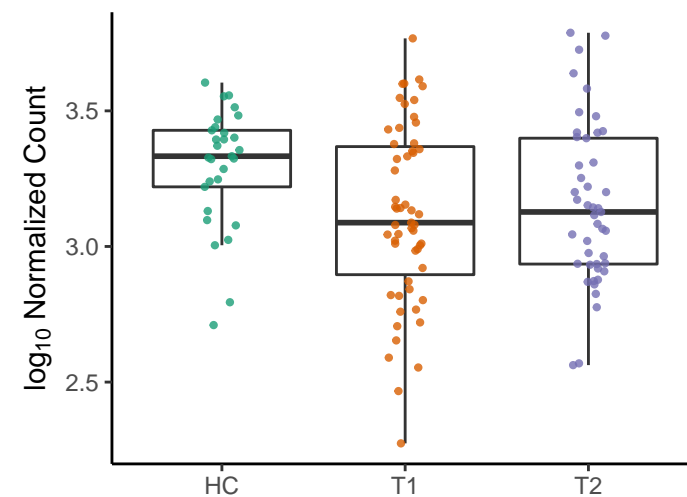
Sordariales

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.88$



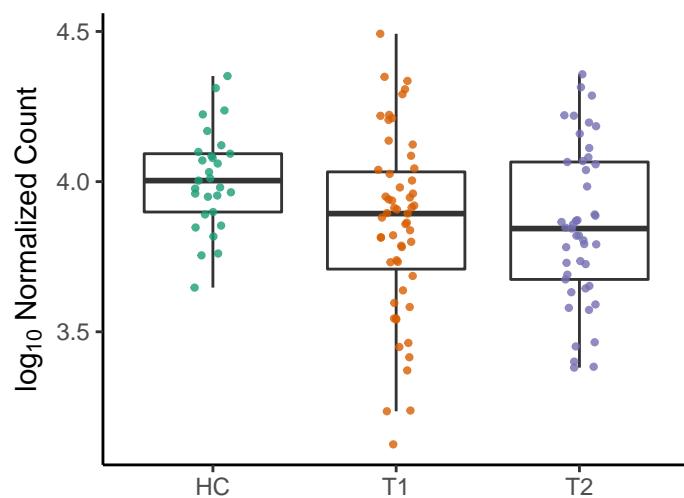
Unclassified Clostridia Class

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.79$



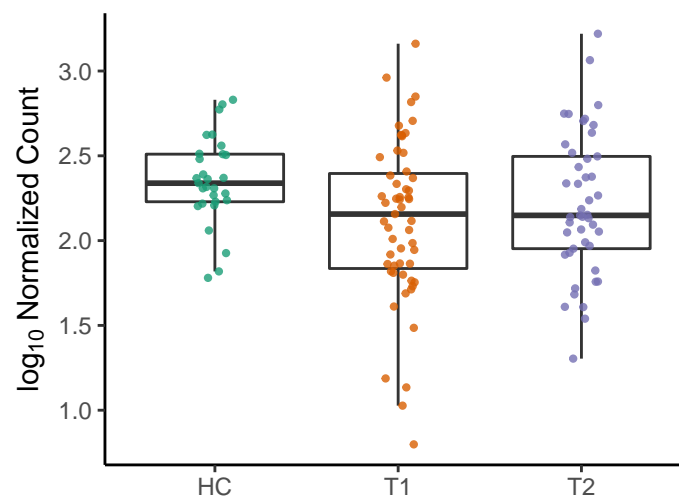
Unclassified Gammaproteobacteria Cla

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.79$



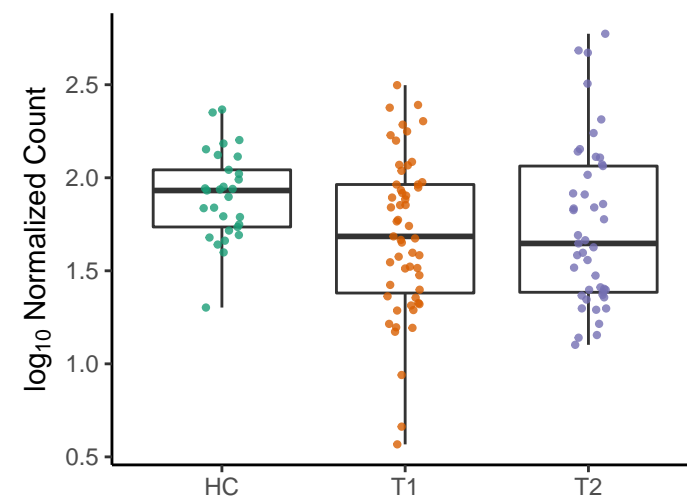
Unclassified Vicinamibacteria Class

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.1$
T1 vs. T2 adjusted $p = 0.75$



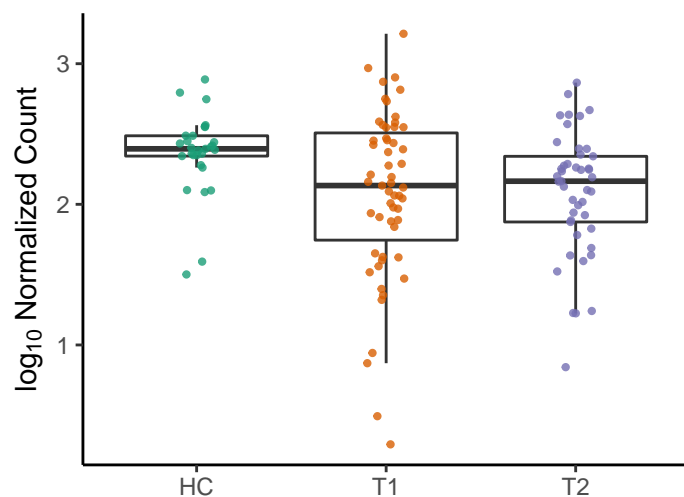
Chthonomonadales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.81$



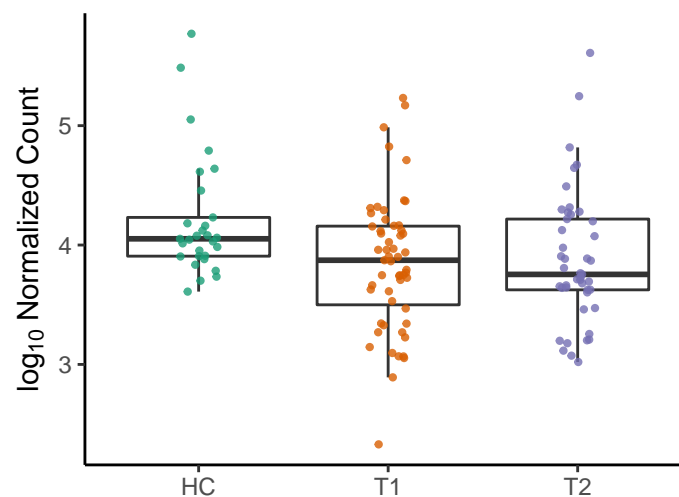
Euzebyales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.9$



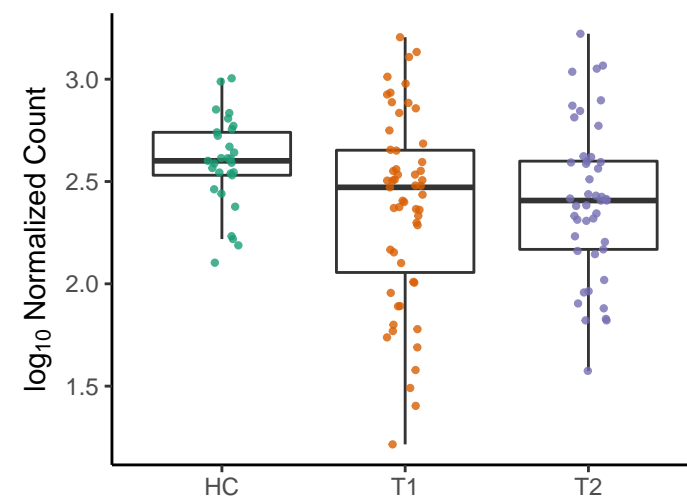
Desulfovibrionales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.88$



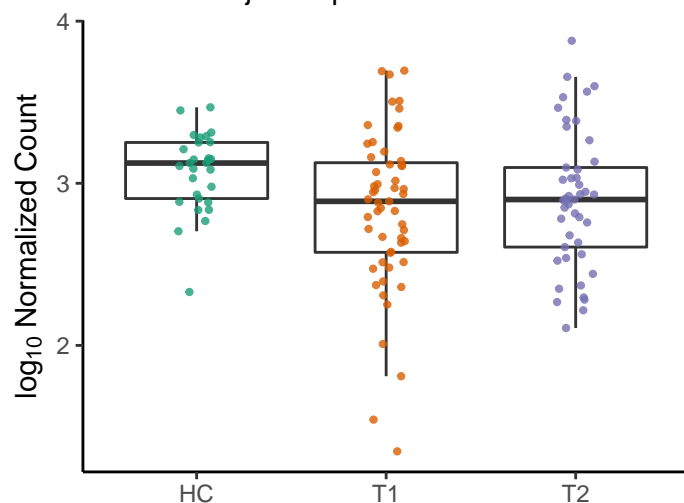
Gloeobacterales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.027$
T1 vs. T2 adjusted $p = 0.79$



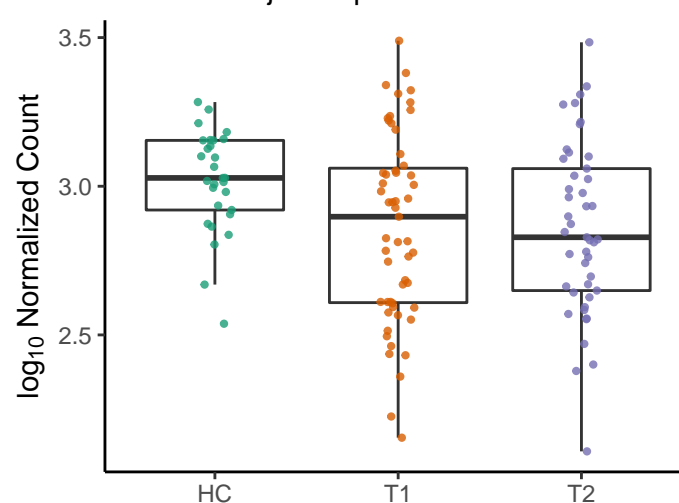
Rubrobacterales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.75$



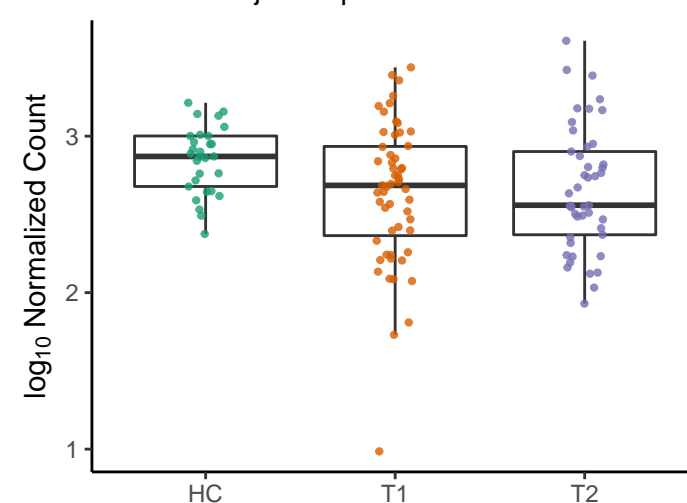
Thermotogales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.96$



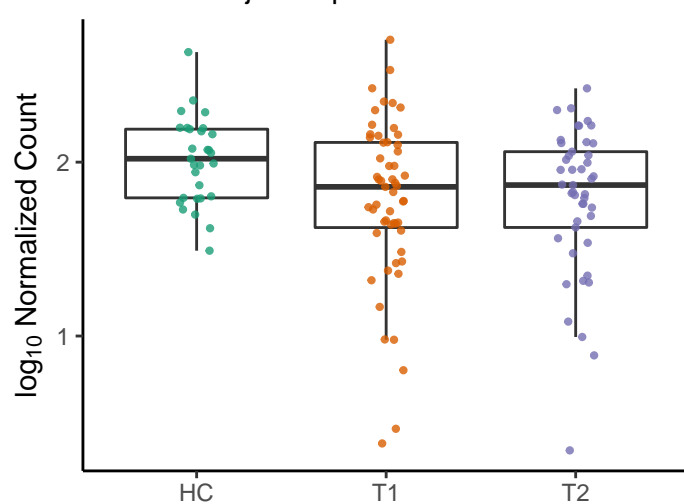
Gemmatales

non-ED vs. T1 adjusted $p = 0.012$
non-ED vs. T2 adjusted $p = 0.028$
T1 vs. T2 adjusted $p = 0.81$



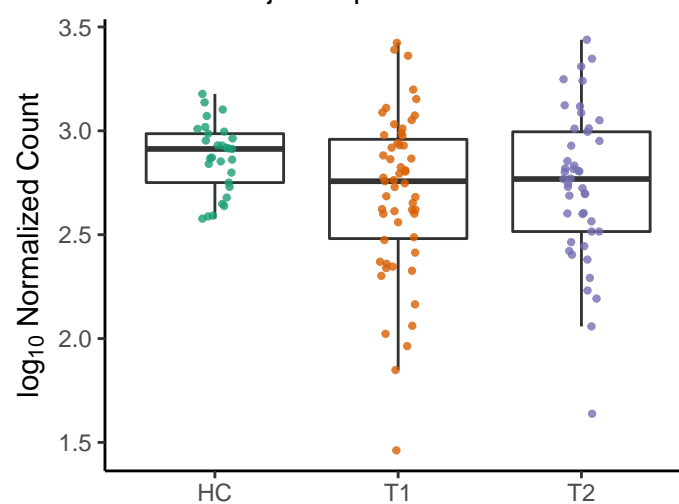
Acidilobales

non-ED vs. T1 adjusted $p = 0.012$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.84$



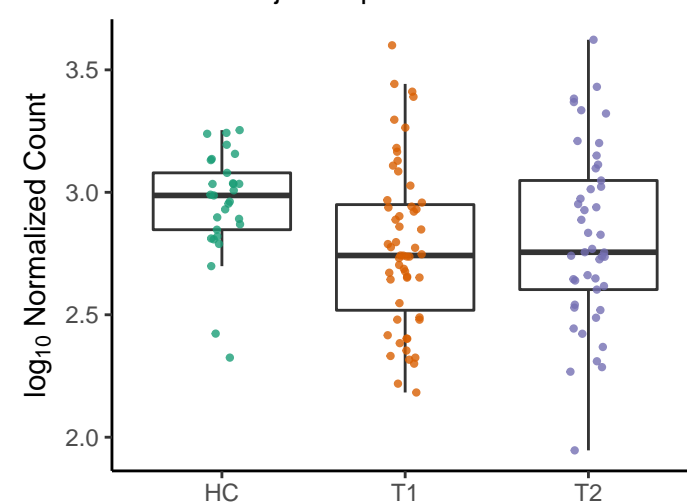
Syntrophobacterales

non-ED vs. T1 adjusted $p = 0.012$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.77$



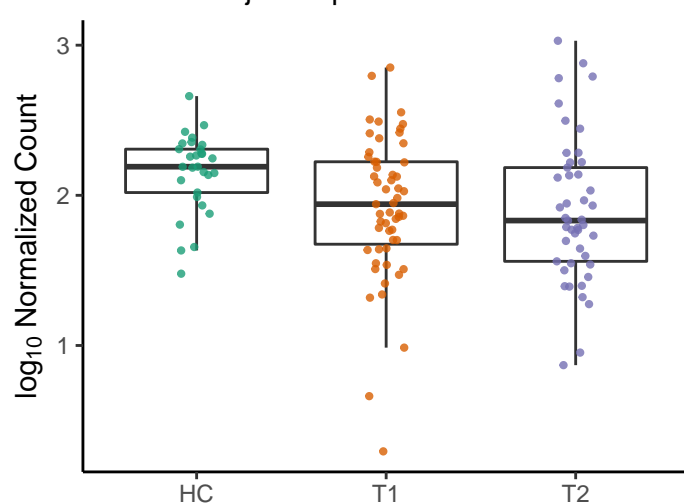
Thermococcales

non-ED vs. T1 adjusted $p = 0.012$
non-ED vs. T2 adjusted $p = 0.074$
T1 vs. T2 adjusted $p = 0.75$



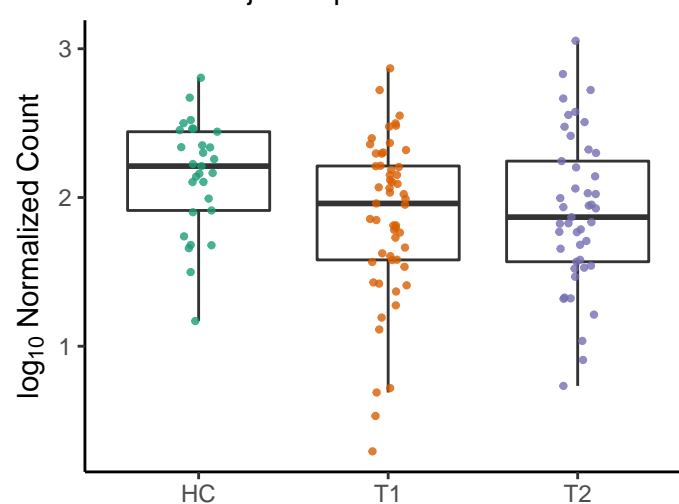
Unclassified Blastocatellia Class

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.95$



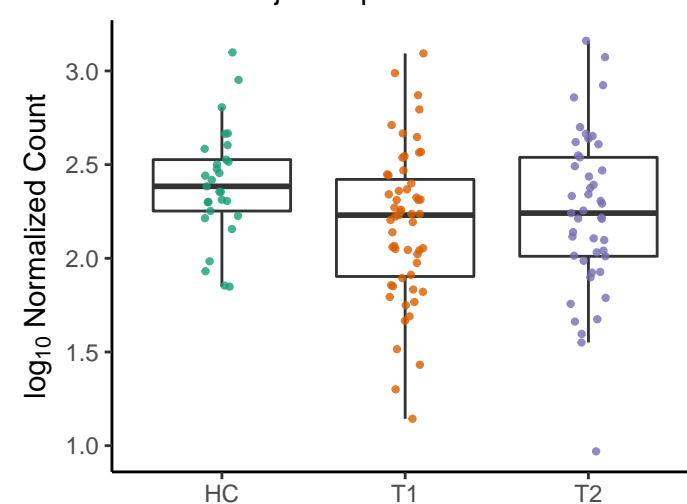
Actinopolysporales

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.83$



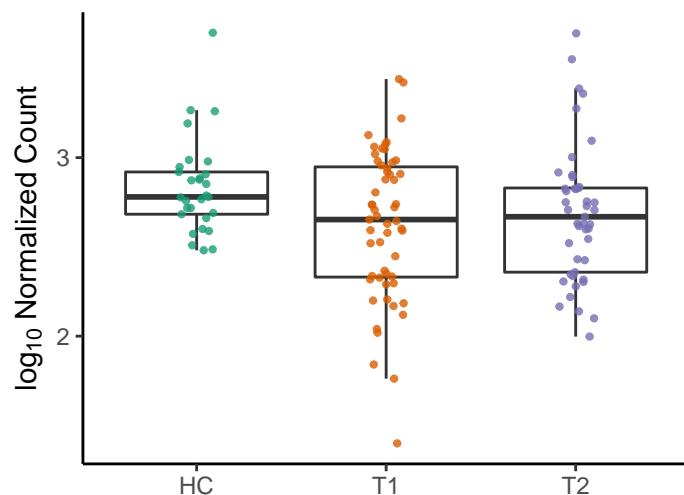
Cardiobacteriales

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.75$



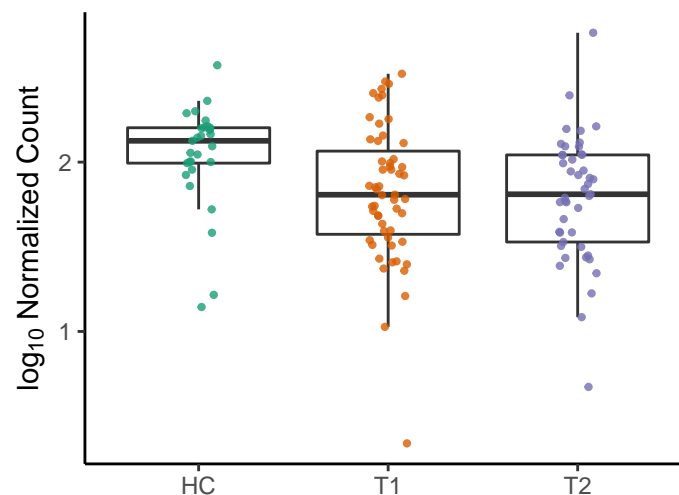
Dehalococcoidales

non-ED vs. T1 adjusted $p = 0.013$
non-ED vs. T2 adjusted $p = 0.063$
T1 vs. T2 adjusted $p = 0.75$



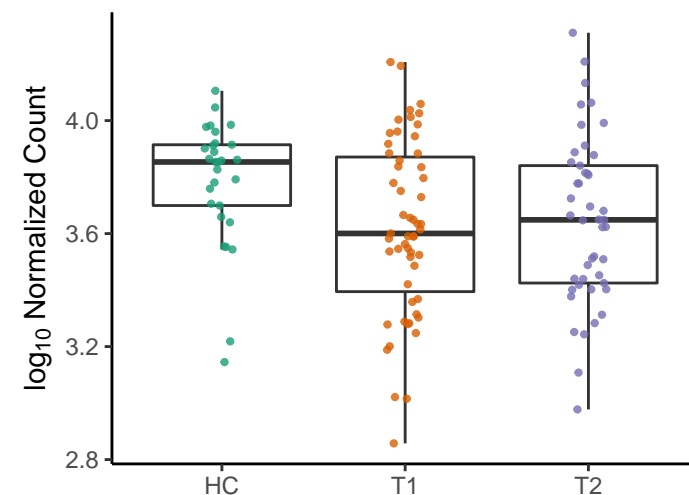
Natranaerobiales

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.81$



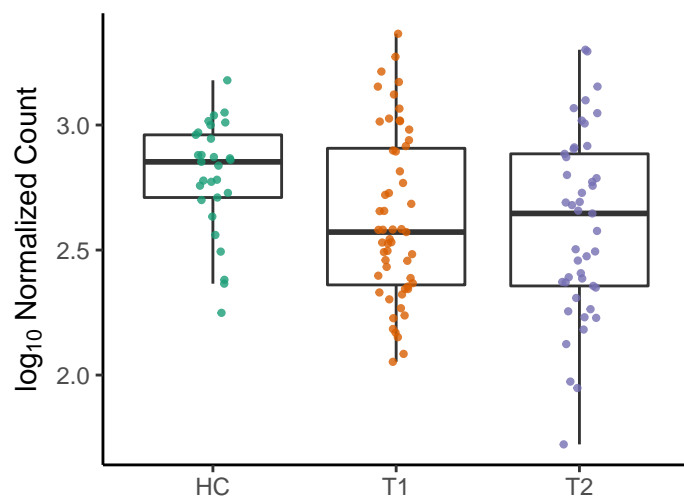
Thermoanaerobacteriales

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.043$
T1 vs. T2 adjusted $p = 0.83$



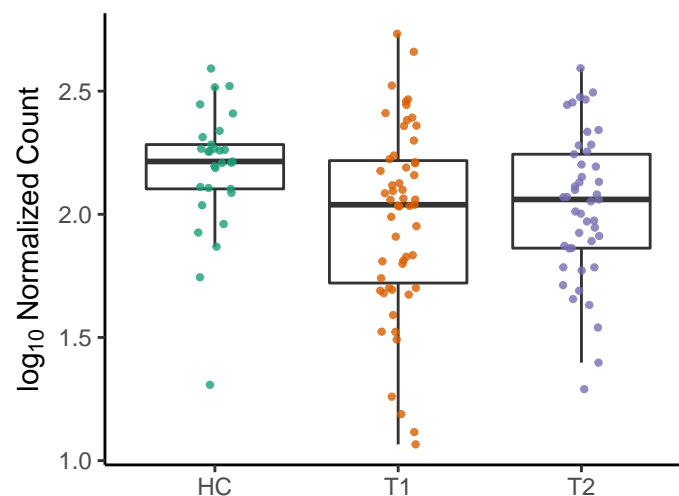
Methanococcales

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.9$



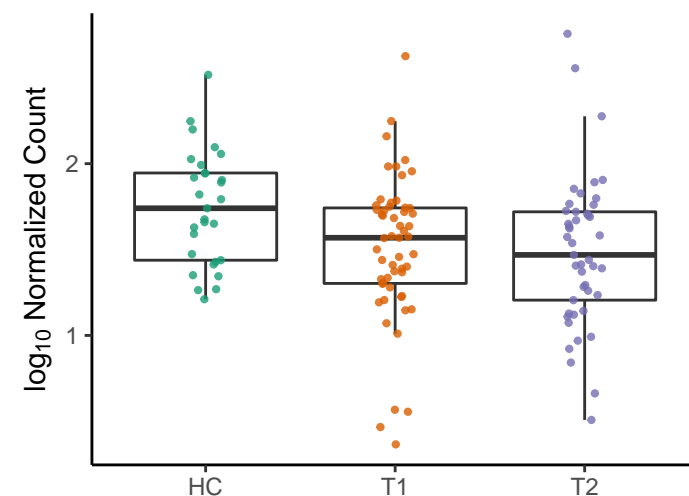
Archaeoglobales

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.045$
T1 vs. T2 adjusted $p = 0.78$



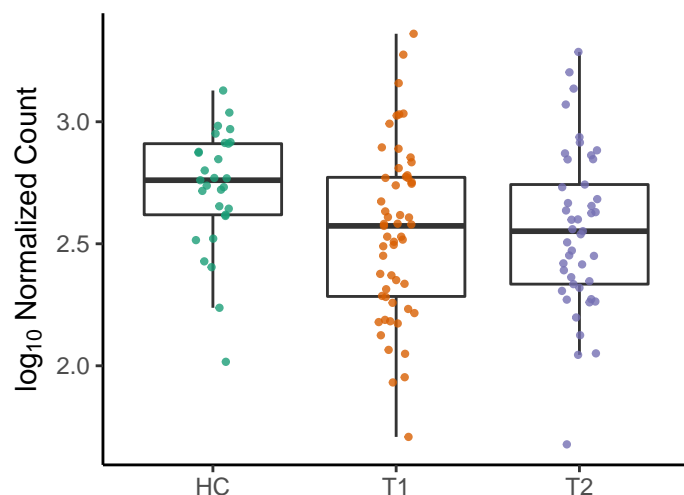
Elusimicrobiales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.95$



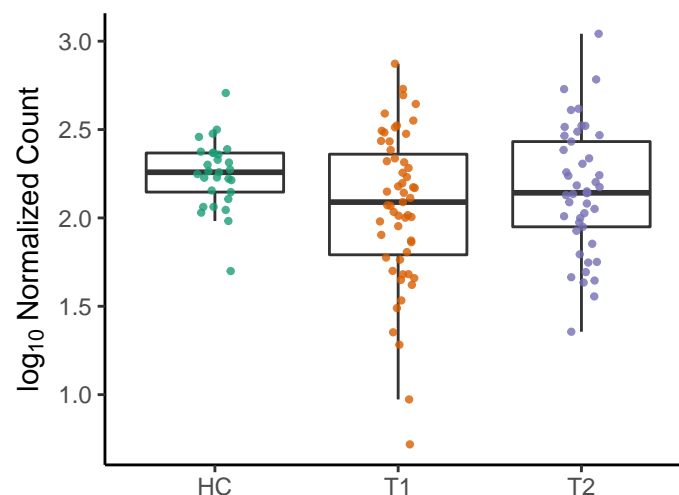
Deferribacteriales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.9$



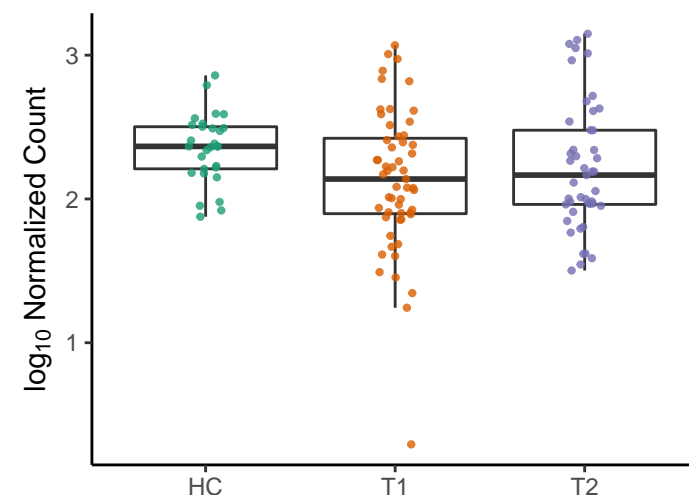
Unclassified Kiritimatiellaeota Phylum

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.18$
T1 vs. T2 adjusted $p = 0.75$



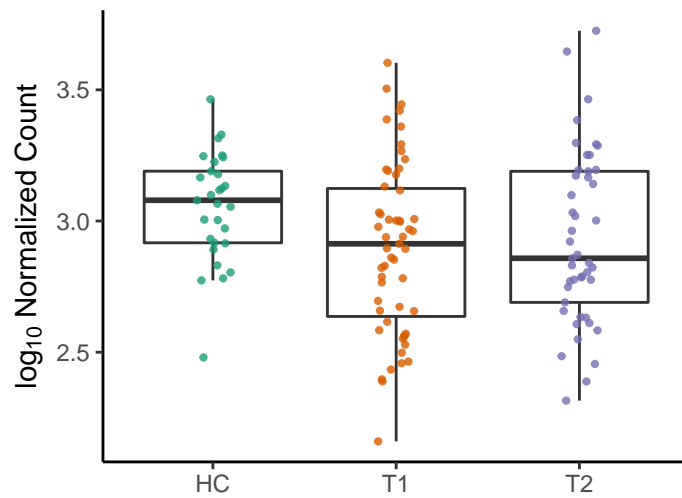
Caldilineales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.75$



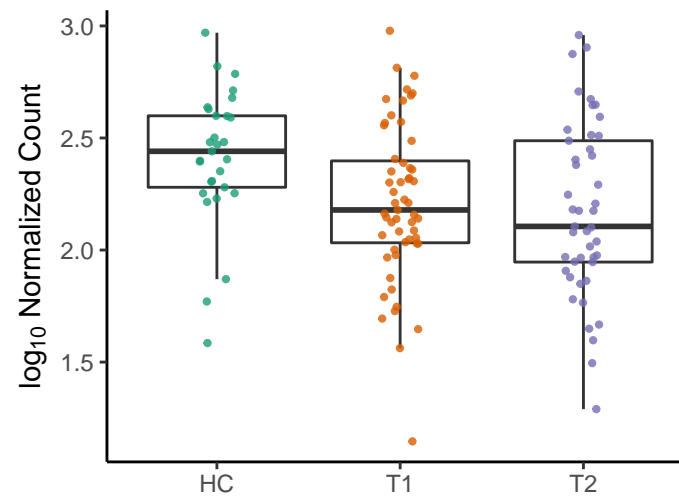
Chroococcales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.076$
T1 vs. T2 adjusted $p = 0.81$



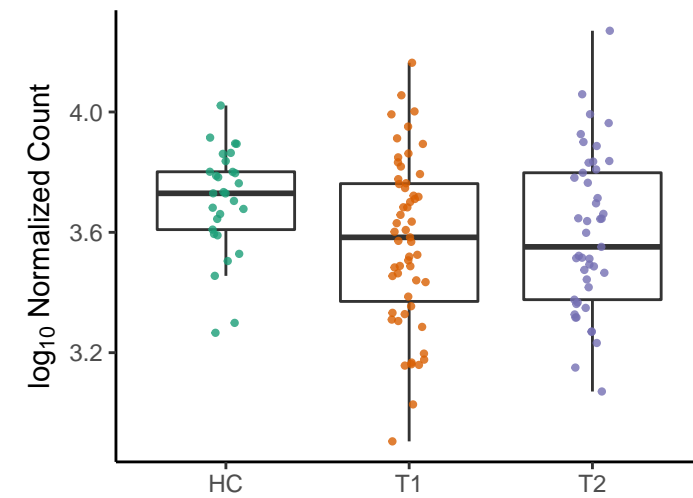
Nautiliales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.81$



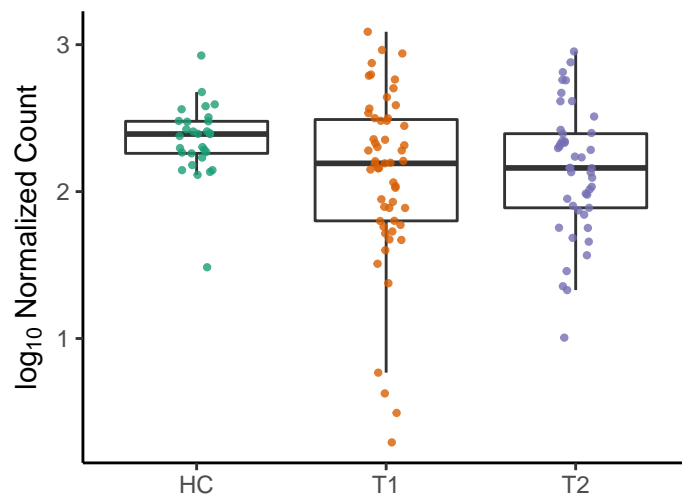
Vibrionales

non-ED vs. T1 adjusted $p = 0.016$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.82$



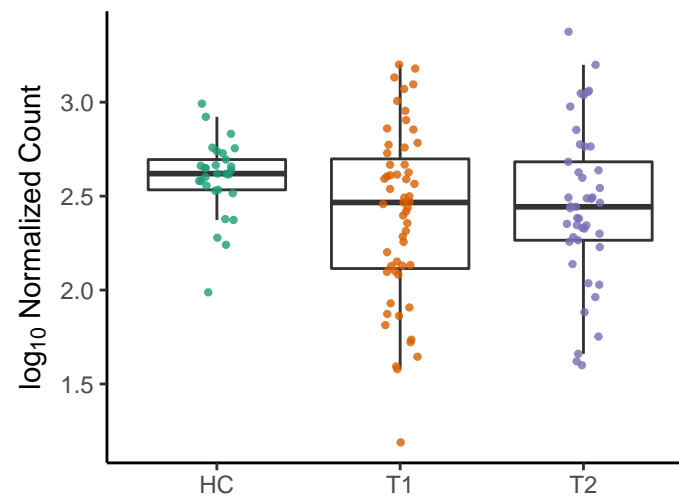
Glycomycetales

non-ED vs. T1 adjusted $p = 0.016$
non-ED vs. T2 adjusted $p = 0.028$
T1 vs. T2 adjusted $p = 0.75$



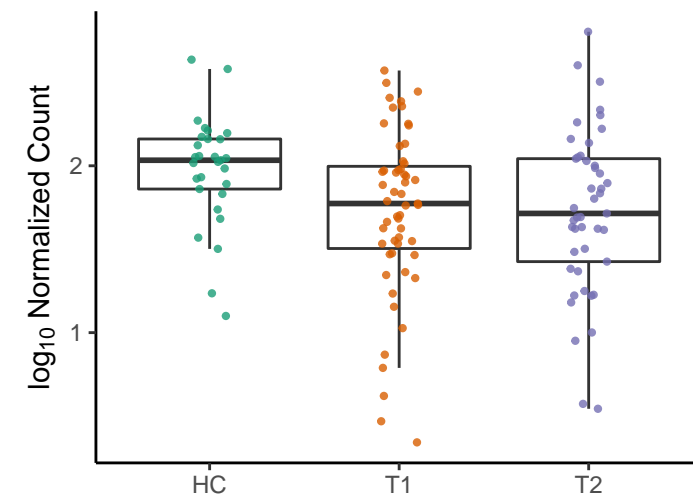
Limnochordales

non-ED vs. T1 adjusted $p = 0.016$
non-ED vs. T2 adjusted $p = 0.064$
T1 vs. T2 adjusted $p = 0.75$



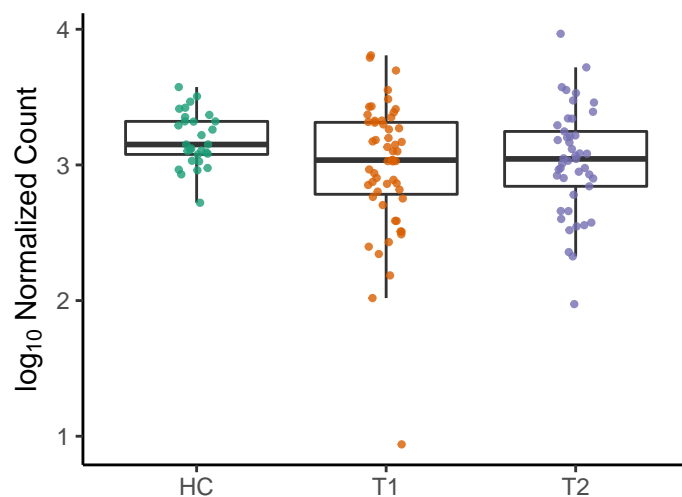
Sporichthyales

non-ED vs. T1 adjusted $p = 0.016$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.88$



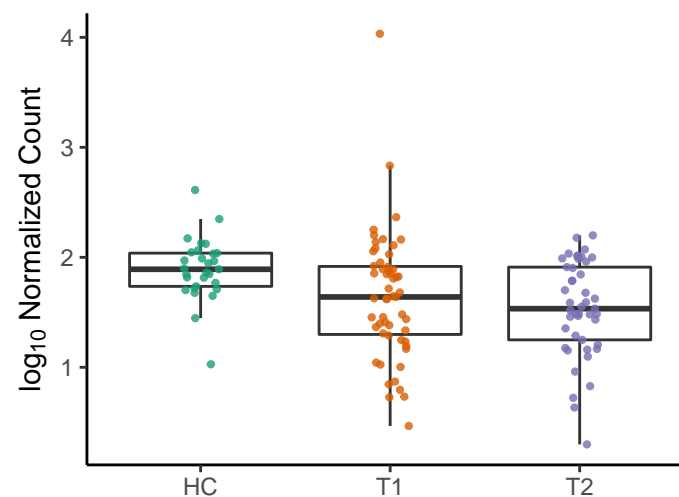
Thermales

non-ED vs. T1 adjusted $p = 0.016$
non-ED vs. T2 adjusted $p = 0.044$
T1 vs. T2 adjusted $p = 0.75$



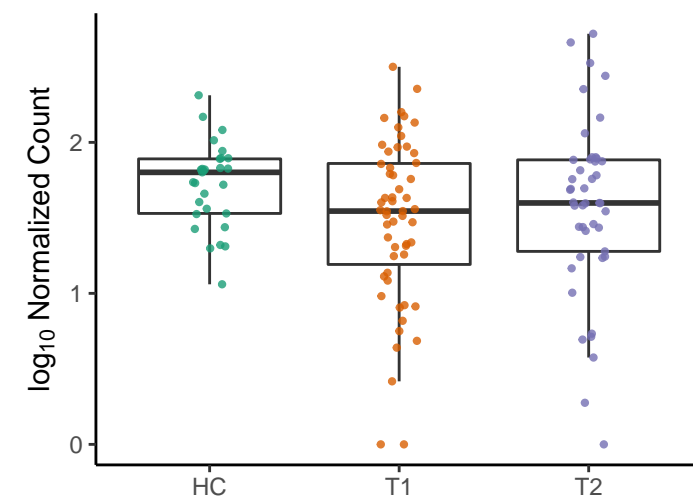
Malasseziales

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.0046$
T1 vs. T2 adjusted $p = 0.75$



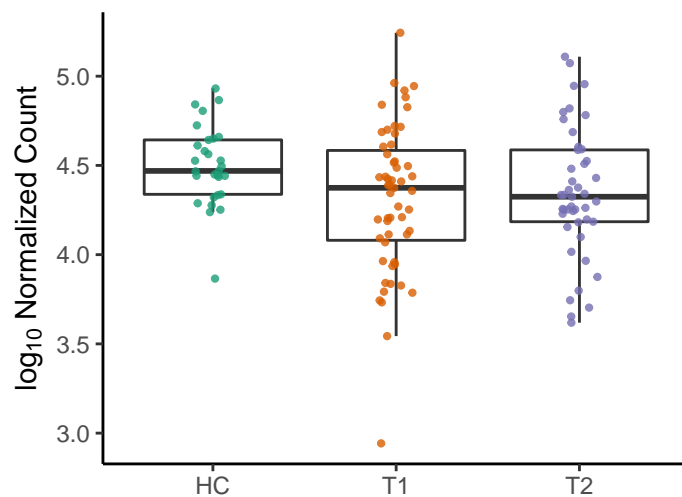
Unclassified Candidatus Bipolaricaulota

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.17$
T1 vs. T2 adjusted $p = 0.75$



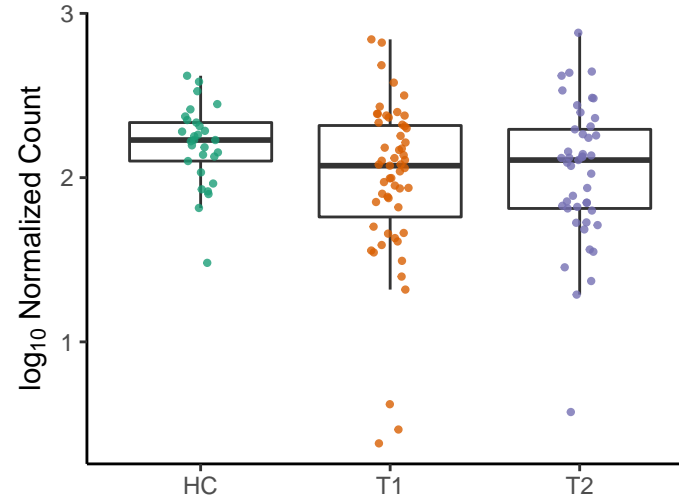
Micrococcales

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.05$
T1 vs. T2 adjusted $p = 0.75$



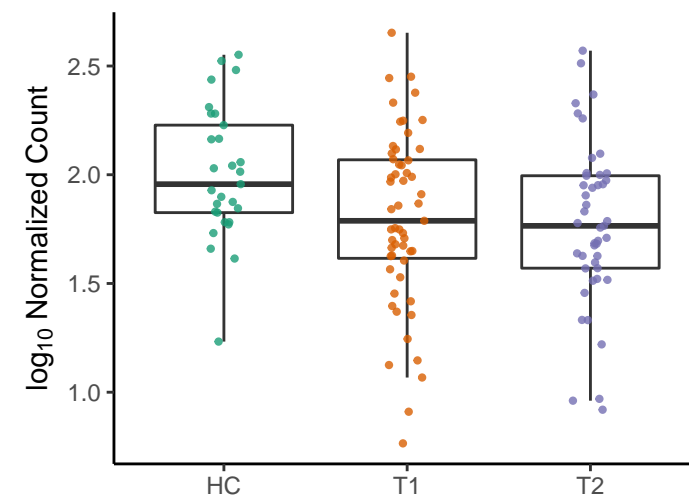
Methanocellales

non-ED vs. T1 adjusted $p = 0.018$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.75$



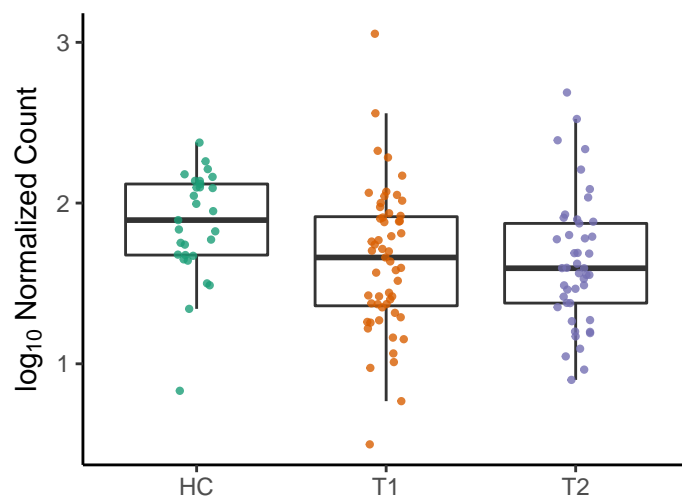
Endomicrobiales

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.9$



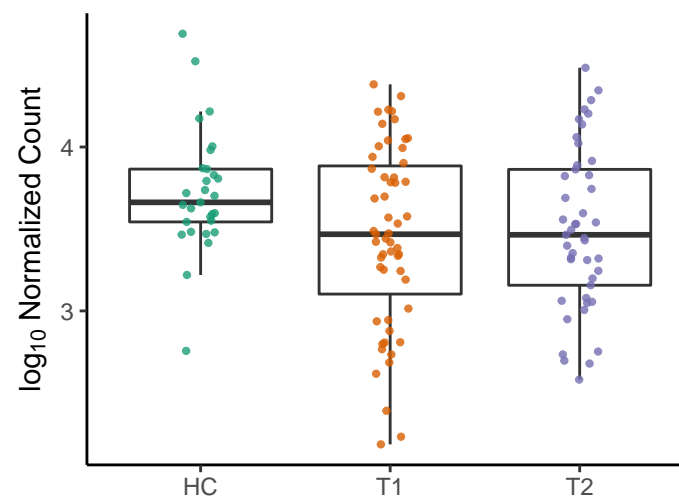
Unclassified Euryarchaeota Phylum

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.96$



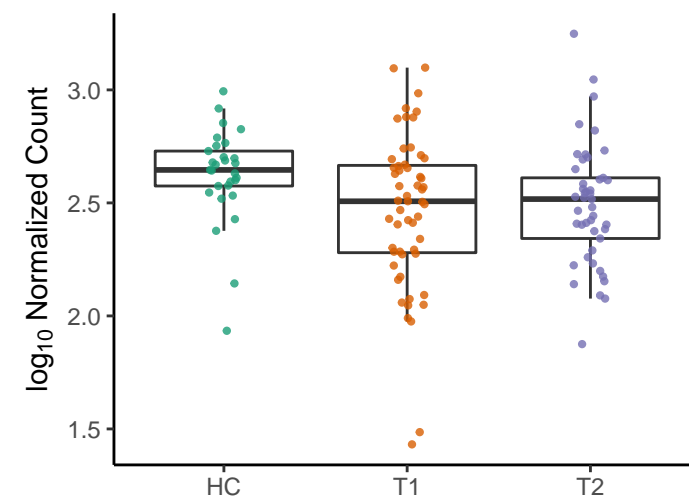
Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.051$
T1 vs. T2 adjusted $p = 0.75$



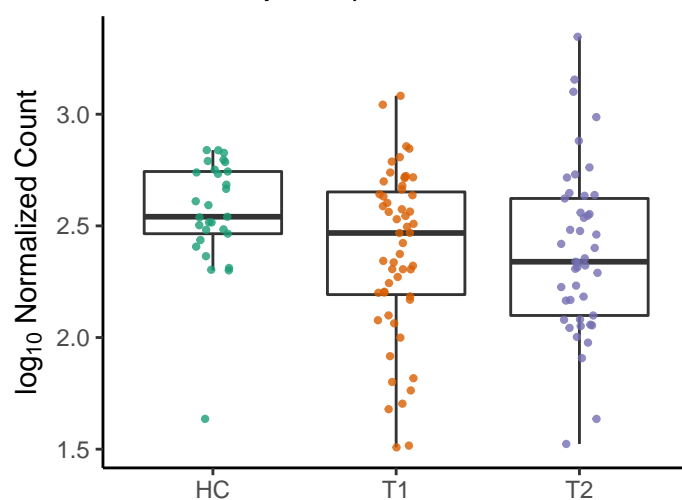
Bdellovibrionales

non-ED vs. T1 adjusted $p = 0.019$
non-ED vs. T2 adjusted $p = 0.04$
T1 vs. T2 adjusted $p = 0.81$



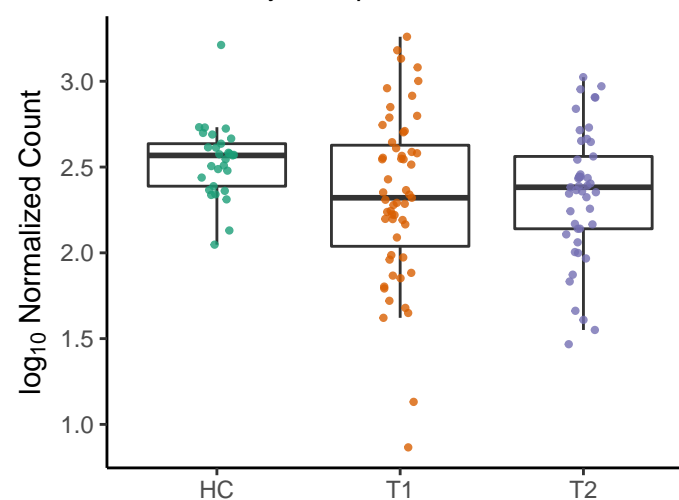
Candidatus Nanopelagicales

non-ED vs. T1 adjusted $p = 0.02$
non-ED vs. T2 adjusted $p = 0.039$
T1 vs. T2 adjusted $p = 0.9$



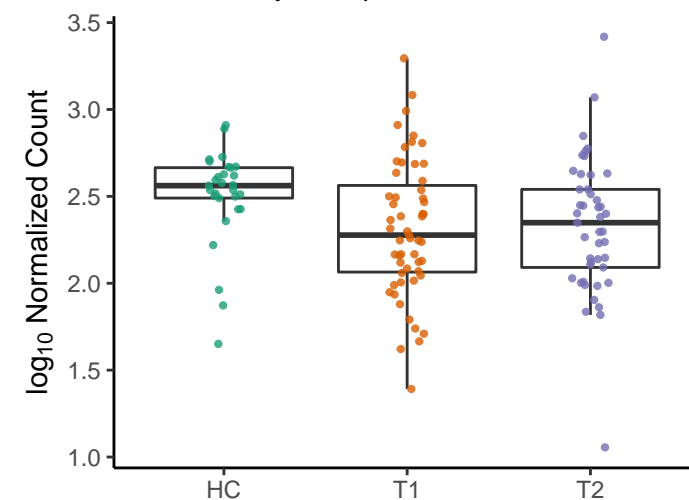
Unclassified Verrucomicrobia Phylum

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.024$
T1 vs. T2 adjusted $p = 0.88$



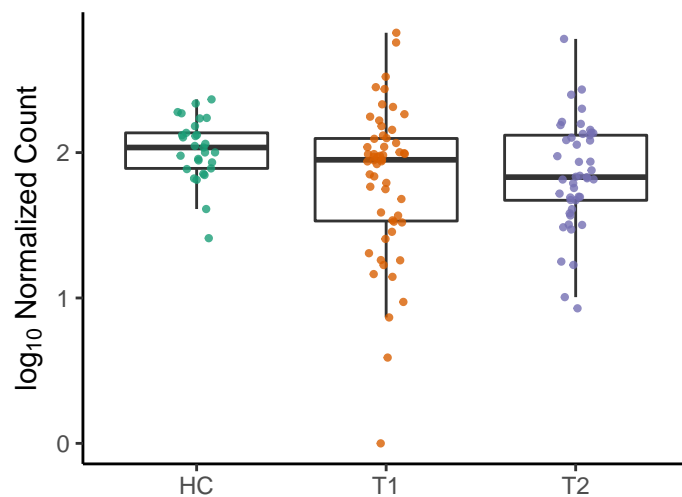
Ignavibacteriales

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.048$
T1 vs. T2 adjusted $p = 0.95$



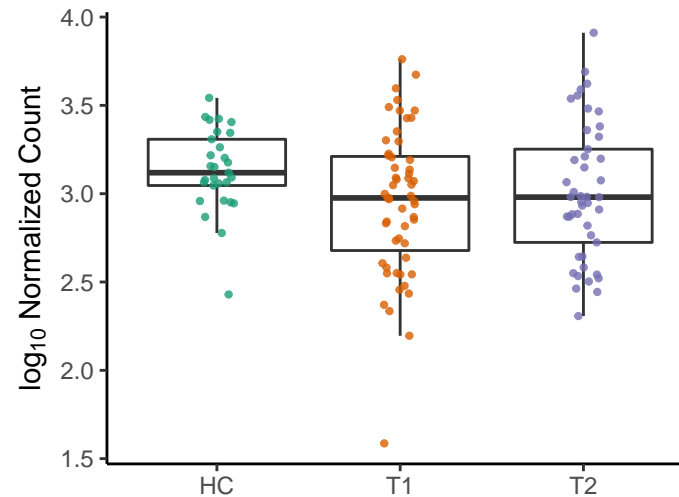
Unclassified Balneolaeota Phylum

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.81$



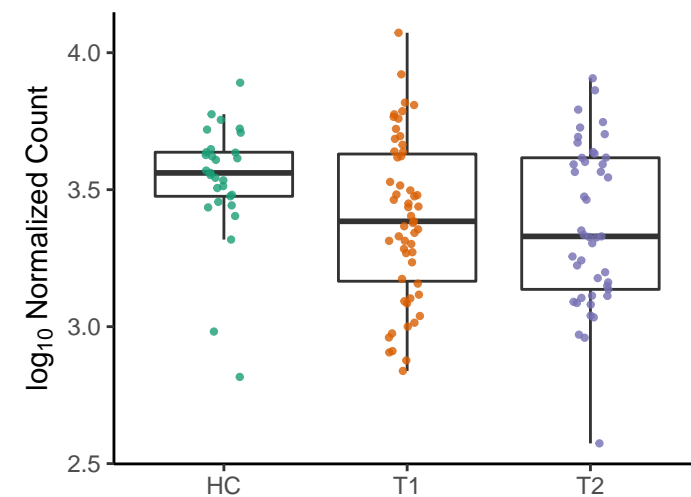
Haloferacales

non-ED vs. T1 adjusted $p = 0.021$
non-ED vs. T2 adjusted $p = 0.1$
T1 vs. T2 adjusted $p = 0.75$



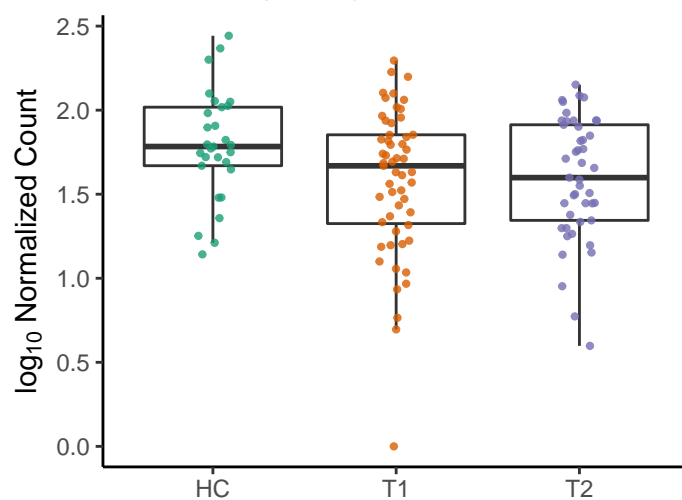
Nostocales

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.9$



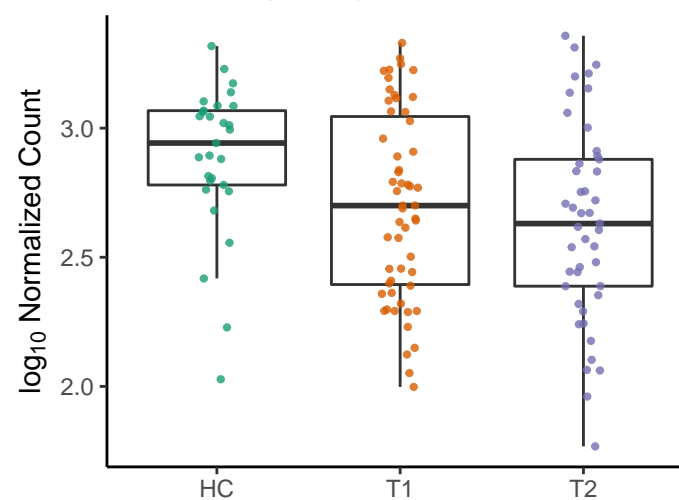
Mesoaciditogales

non-ED vs. T1 adjusted $p = 0.023$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.9$



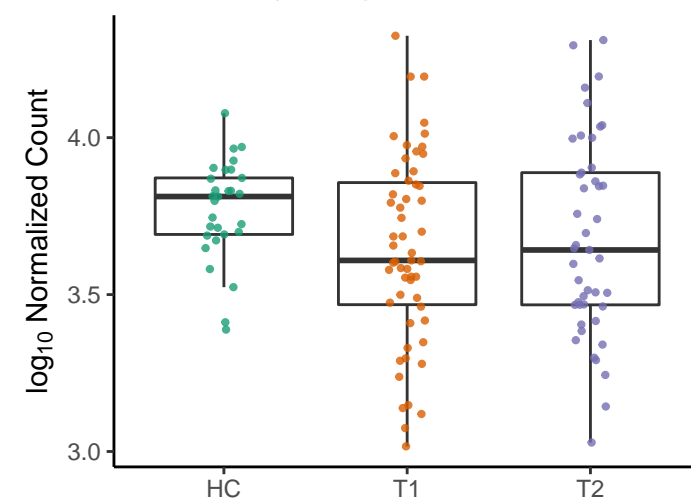
Brachyspirales

non-ED vs. T1 adjusted $p = 0.024$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.75$



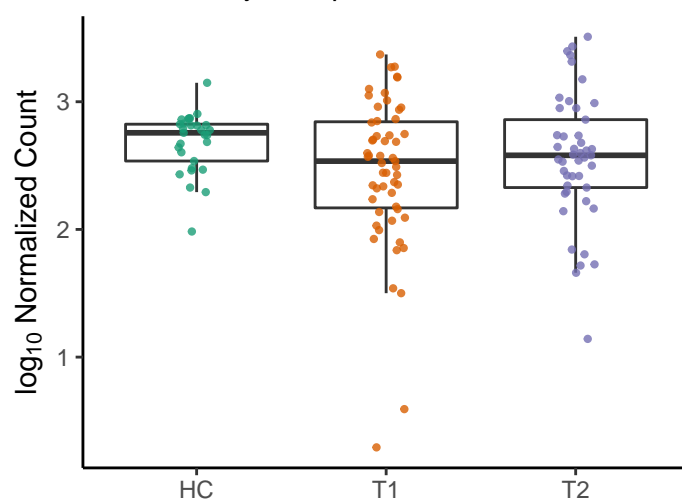
Spirochaetales

non-ED vs. T1 adjusted $p = 0.024$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.79$



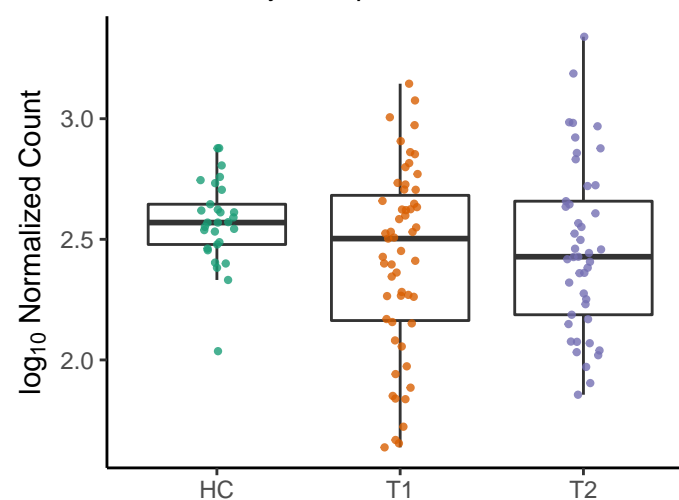
Geodermatophilales

non-ED vs. T1 adjusted $p = 0.024$
non-ED vs. T2 adjusted $p = 0.19$
T1 vs. T2 adjusted $p = 0.75$



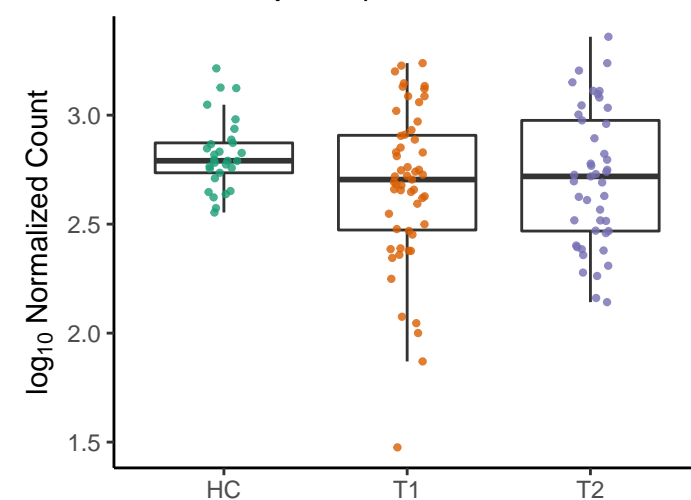
Acidithiobacillales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.75$



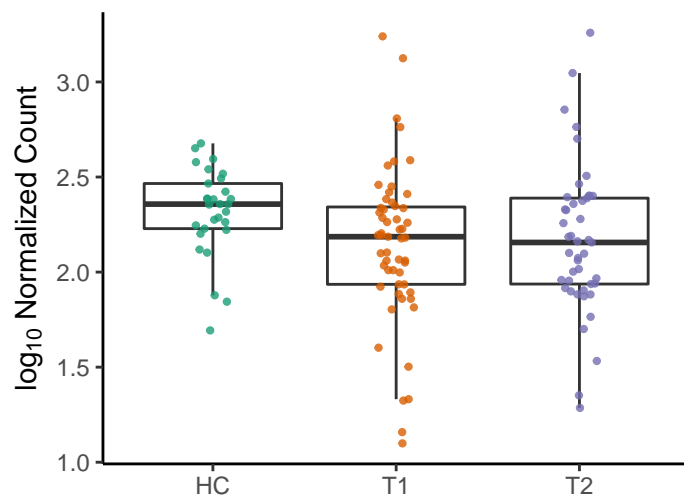
Pirellulales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.076$
T1 vs. T2 adjusted $p = 0.79$



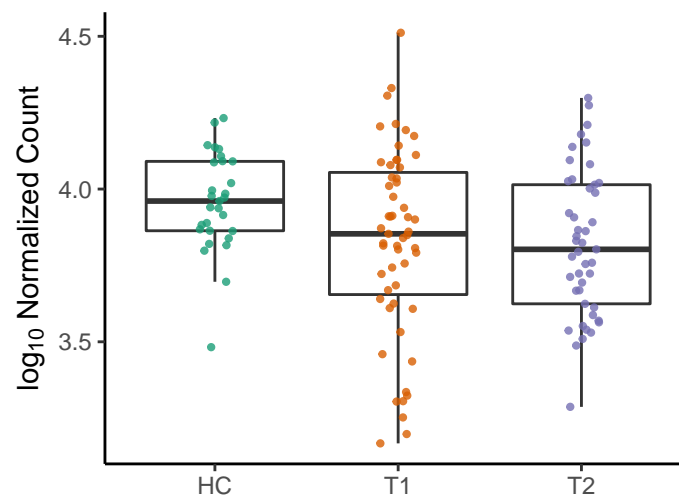
Unclassified Epsilonproteobacteria Class

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.06$
T1 vs. T2 adjusted $p = 0.88$



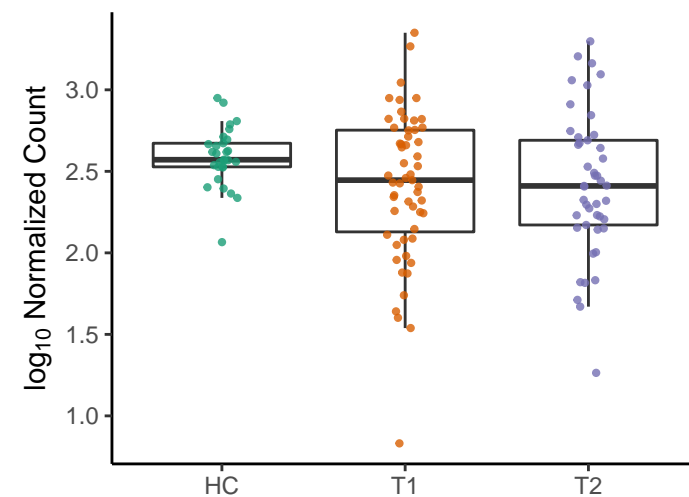
Cytophagales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.02$
T1 vs. T2 adjusted $p = 0.99$



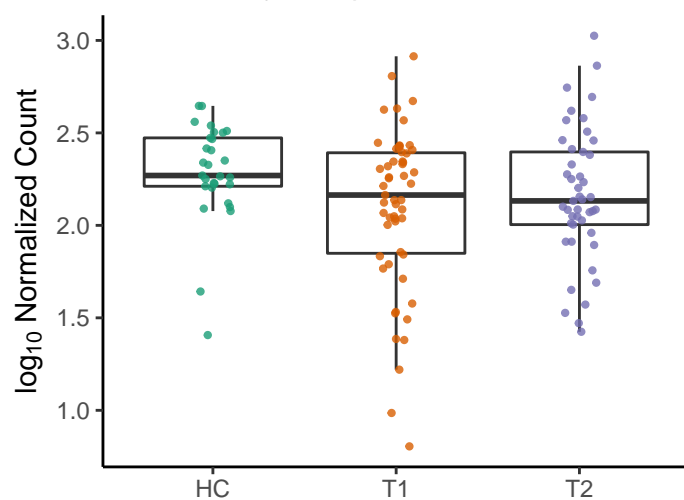
Nevskiales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.044$
T1 vs. T2 adjusted $p = 0.81$



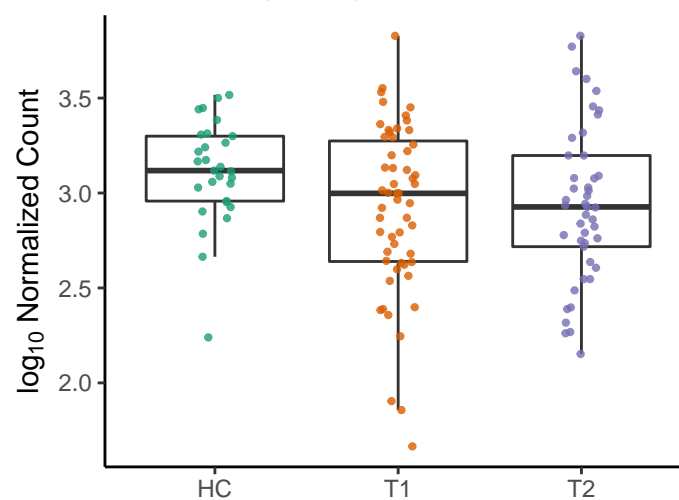
Chrysiogenales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.75$



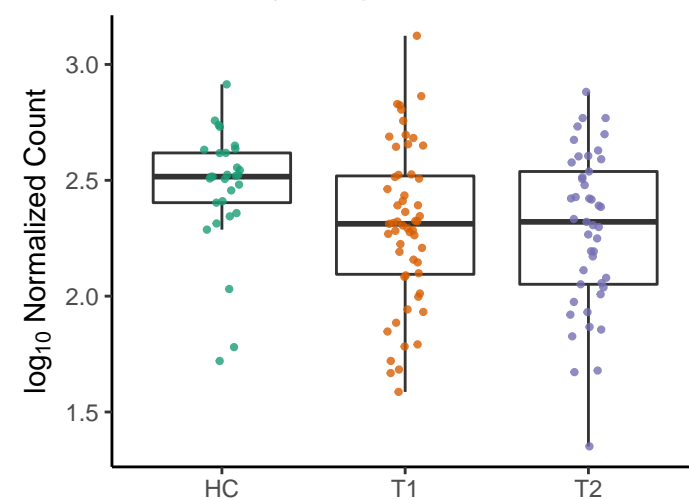
Frankiales

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.81$



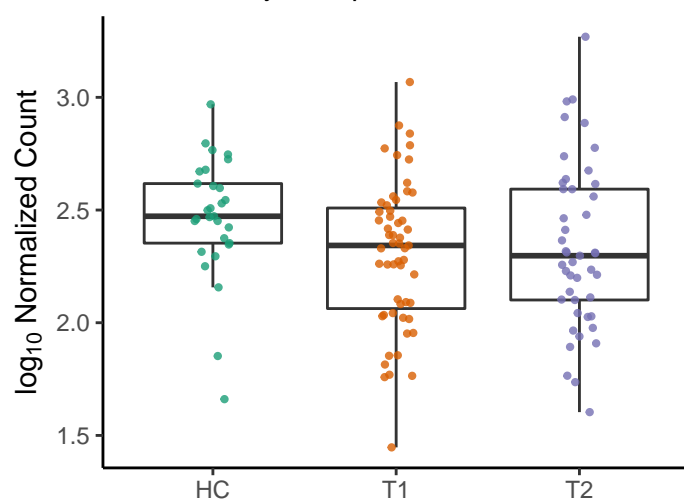
Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted $p = 0.025$
non-ED vs. T2 adjusted $p = 0.028$
T1 vs. T2 adjusted $p = 0.88$



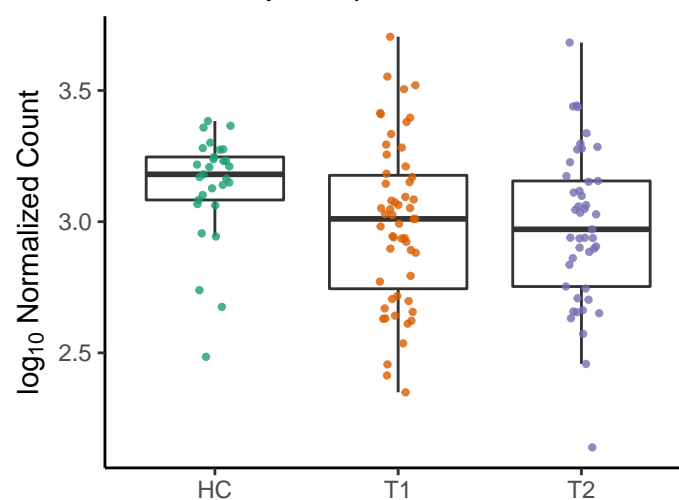
Mycosphaerellales

non-ED vs. T1 adjusted $p = 0.026$
non-ED vs. T2 adjusted $p = 0.099$
T1 vs. T2 adjusted $p = 0.75$



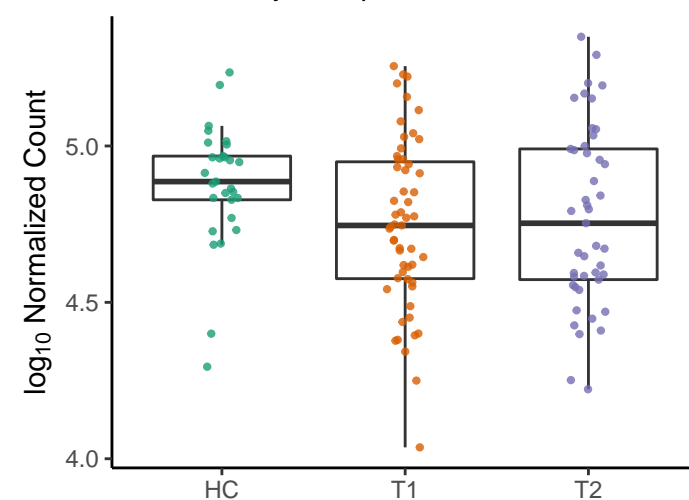
Legionellales

non-ED vs. T1 adjusted $p = 0.027$
non-ED vs. T2 adjusted $p = 0.029$
T1 vs. T2 adjusted $p = 0.96$



Bacillales

non-ED vs. T1 adjusted $p = 0.028$
non-ED vs. T2 adjusted $p = 0.097$
T1 vs. T2 adjusted $p = 0.81$

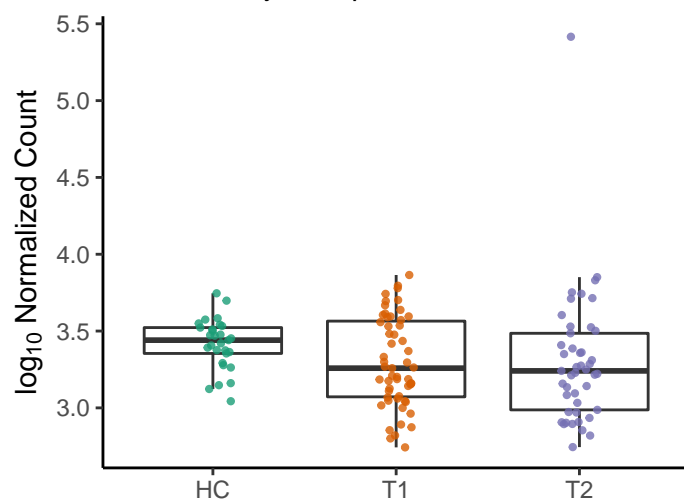


Saccharomycetales

non-ED vs. T1 adjusted $p = 0.028$

non-ED vs. T2 adjusted $p = 0.13$

T1 vs. T2 adjusted $p = 0.9$

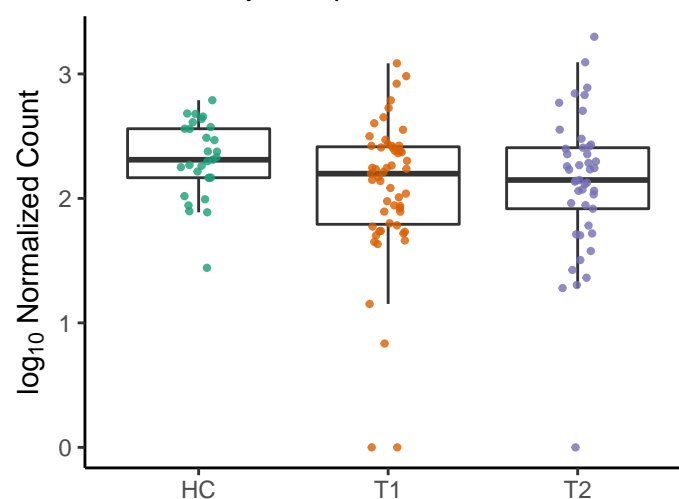


Sphaerobacterales

non-ED vs. T1 adjusted $p = 0.028$

non-ED vs. T2 adjusted $p = 0.095$

T1 vs. T2 adjusted $p = 0.77$

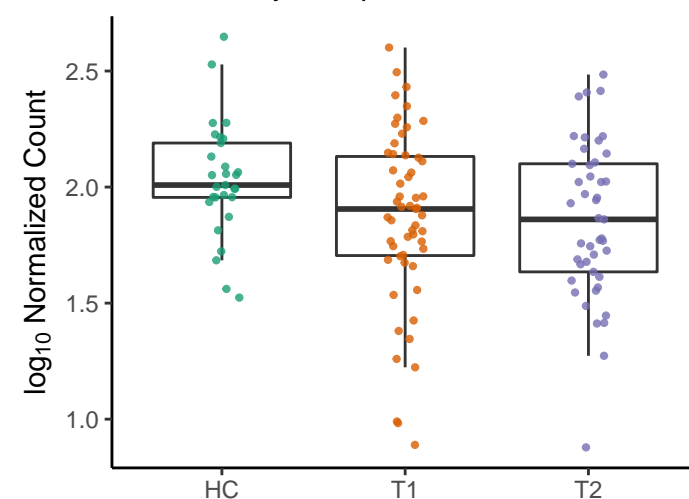


Nitrososphaerales

non-ED vs. T1 adjusted $p = 0.028$

non-ED vs. T2 adjusted $p = 0.029$

T1 vs. T2 adjusted $p = 0.95$

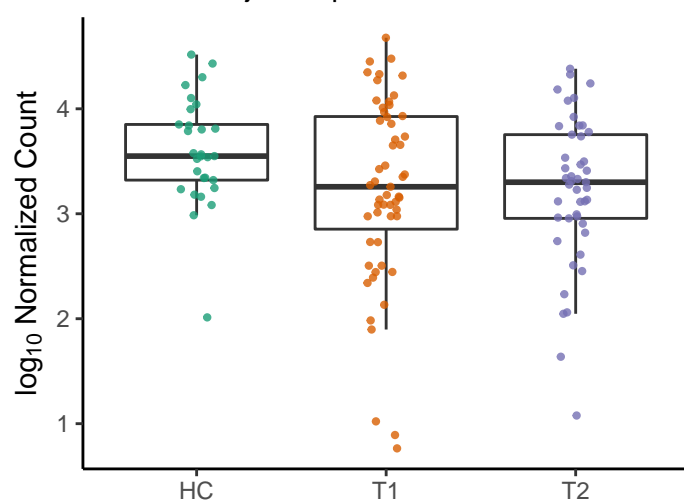


Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted $p = 0.028$

non-ED vs. T2 adjusted $p = 0.029$

T1 vs. T2 adjusted $p = 0.81$

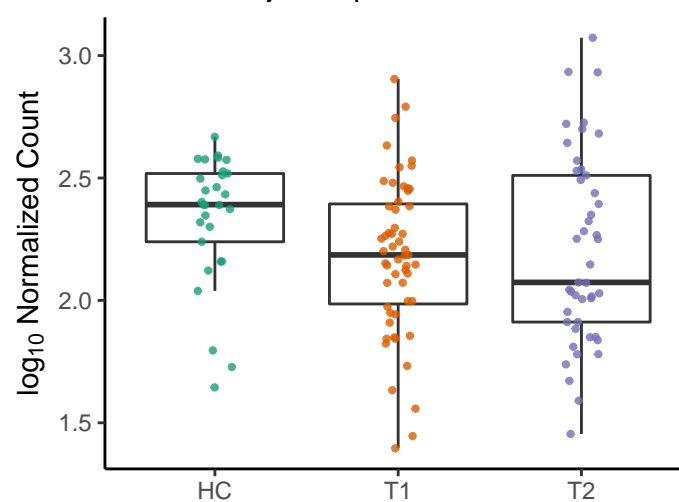


Helotiales

non-ED vs. T1 adjusted $p = 0.029$

non-ED vs. T2 adjusted $p = 0.1$

T1 vs. T2 adjusted $p = 0.96$

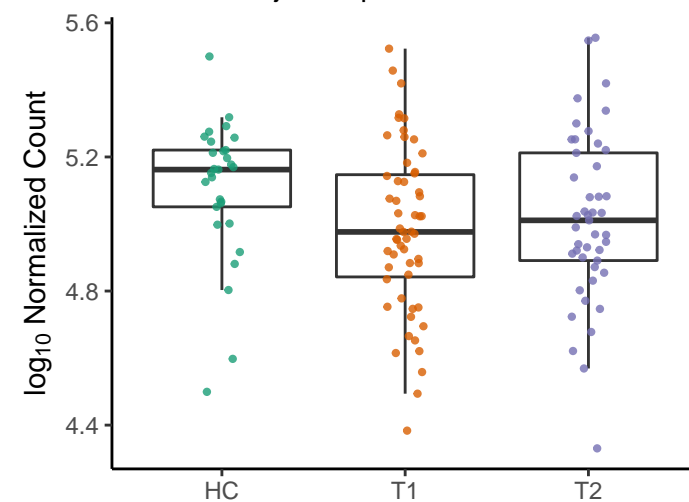


Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted $p = 0.031$

non-ED vs. T2 adjusted $p = 0.13$

T1 vs. T2 adjusted $p = 0.77$

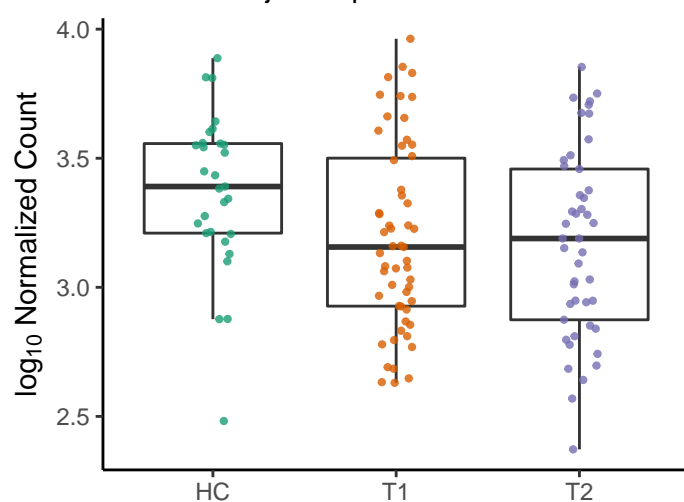


Mycoplasmatales

non-ED vs. T1 adjusted $p = 0.031$

non-ED vs. T2 adjusted $p = 0.03$

T1 vs. T2 adjusted $p = 0.83$

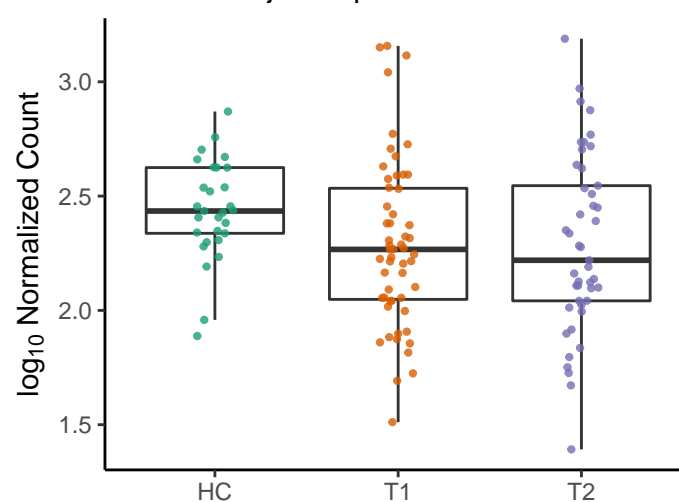


Tremellales

non-ED vs. T1 adjusted $p = 0.031$

non-ED vs. T2 adjusted $p = 0.055$

T1 vs. T2 adjusted $p = 0.9$

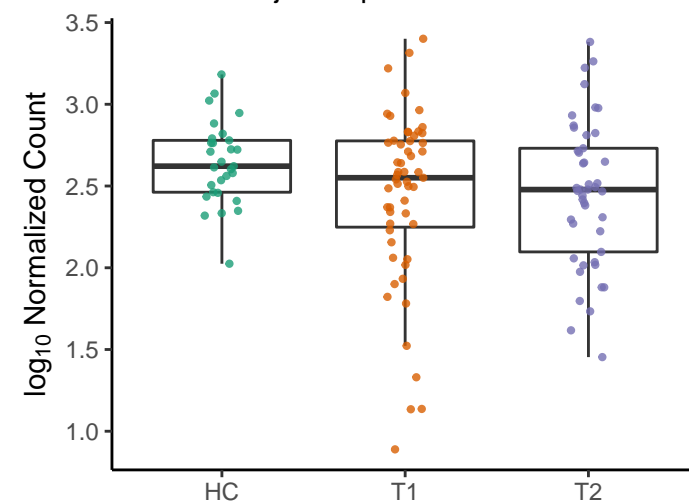


Unclassified Deltaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.032$

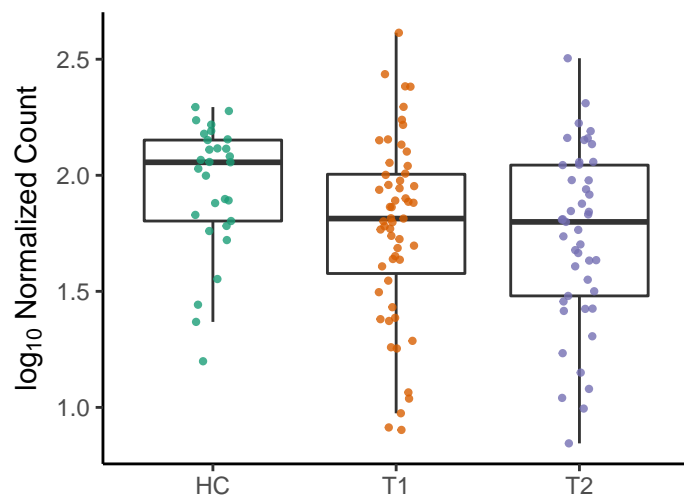
non-ED vs. T2 adjusted $p = 0.044$

T1 vs. T2 adjusted $p = 0.88$



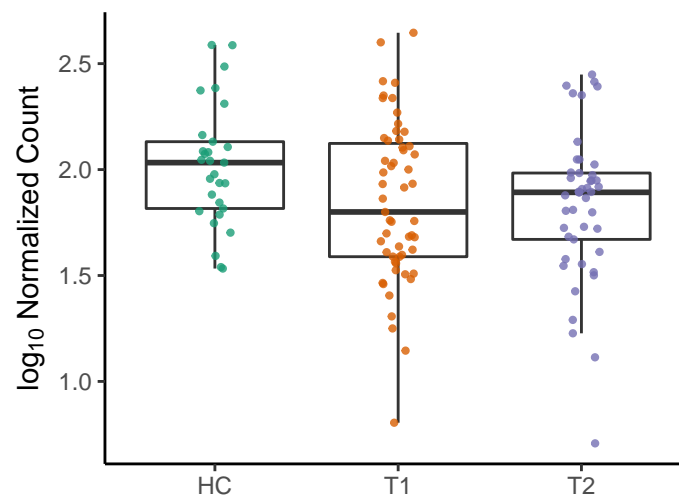
Candidatus Brocadiales

non-ED vs. T1 adjusted $p = 0.032$
non-ED vs. T2 adjusted $p = 0.023$
T1 vs. T2 adjusted $p = 0.83$



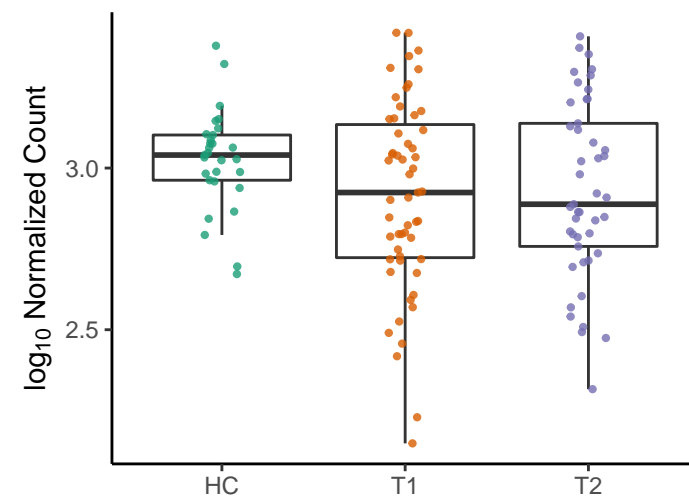
Desulfurococcales

non-ED vs. T1 adjusted $p = 0.032$
non-ED vs. T2 adjusted $p = 0.033$
T1 vs. T2 adjusted $p = 0.9$



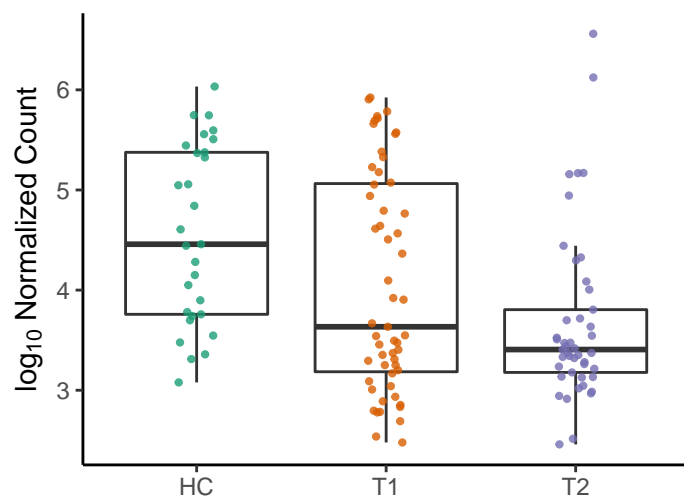
Oscillatoriales

non-ED vs. T1 adjusted $p = 0.036$
non-ED vs. T2 adjusted $p = 0.086$
T1 vs. T2 adjusted $p = 0.81$



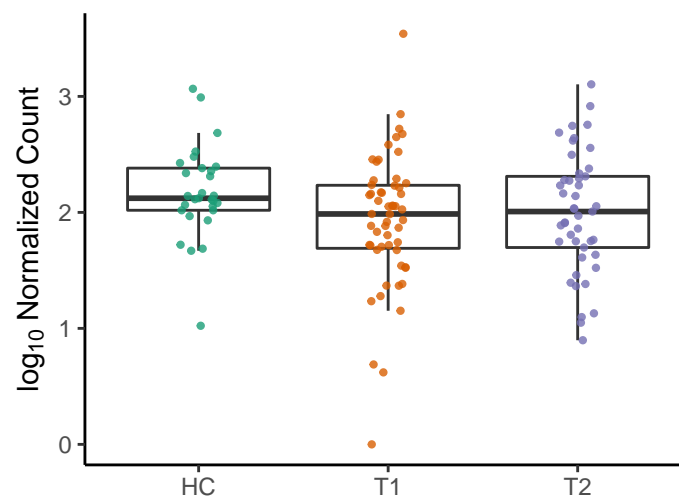
Verrucomicrobiales

non-ED vs. T1 adjusted $p = 0.036$
non-ED vs. T2 adjusted $p = 0.0051$
T1 vs. T2 adjusted $p = 0.75$



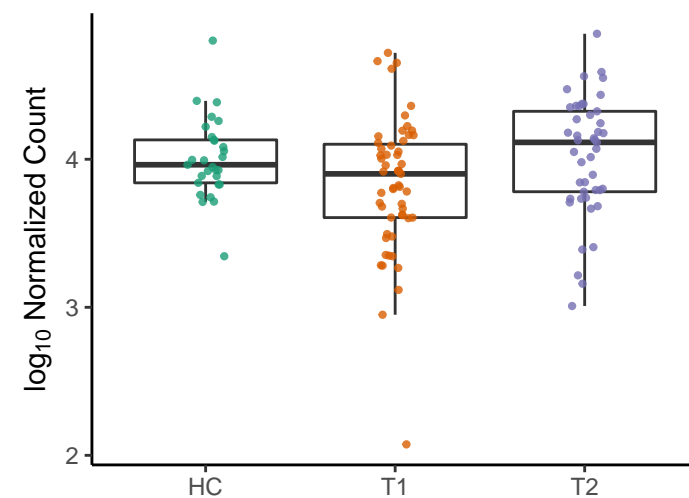
Egicoccales

non-ED vs. T1 adjusted $p = 0.037$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.75$



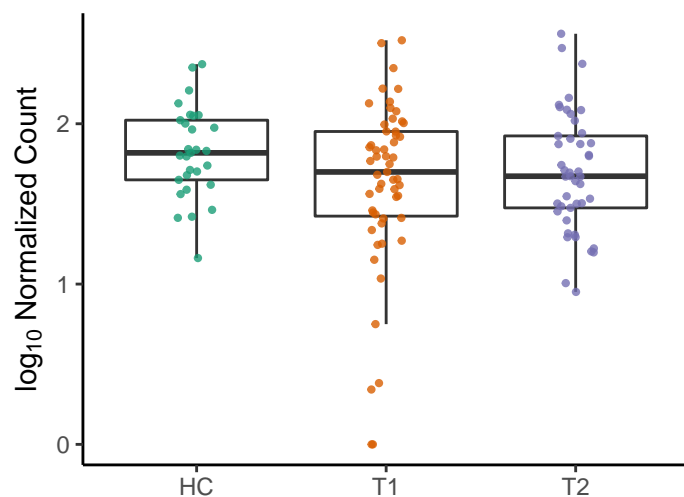
Propionibacteriales

non-ED vs. T1 adjusted $p = 0.041$
non-ED vs. T2 adjusted $p = 0.84$
T1 vs. T2 adjusted $p = 0.57$



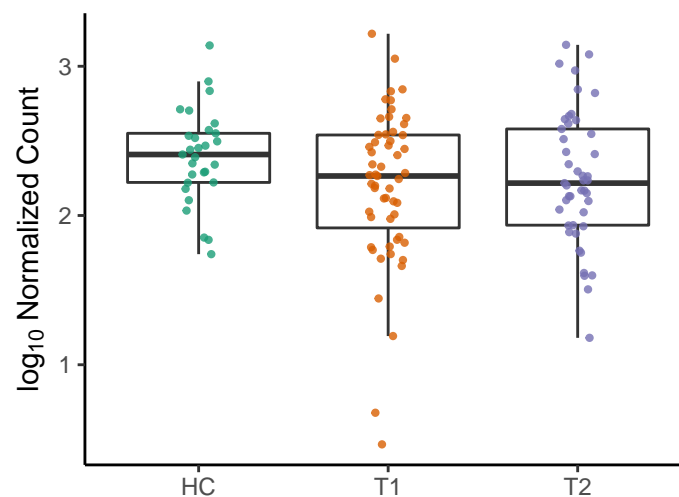
Acidothermales

non-ED vs. T1 adjusted $p = 0.043$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.75$



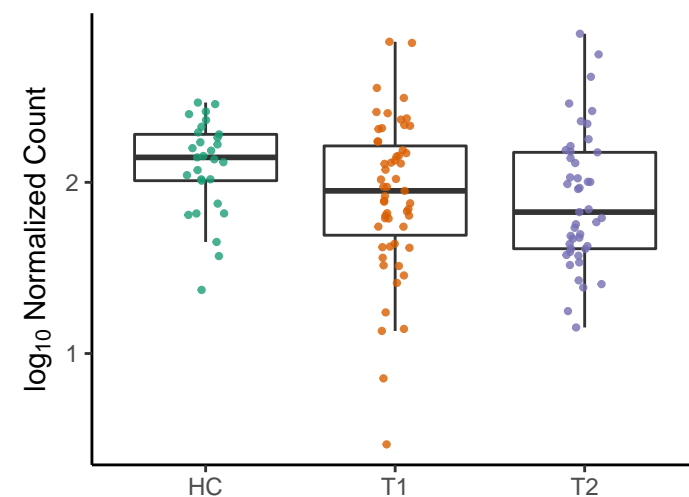
Unclassified Dehalococcoidia Class

non-ED vs. T1 adjusted $p = 0.044$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.75$



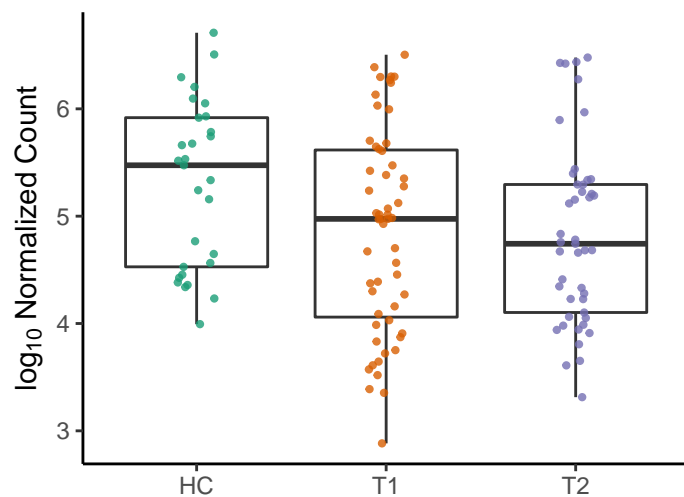
Calditrichales

non-ED vs. T1 adjusted $p = 0.044$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.88$



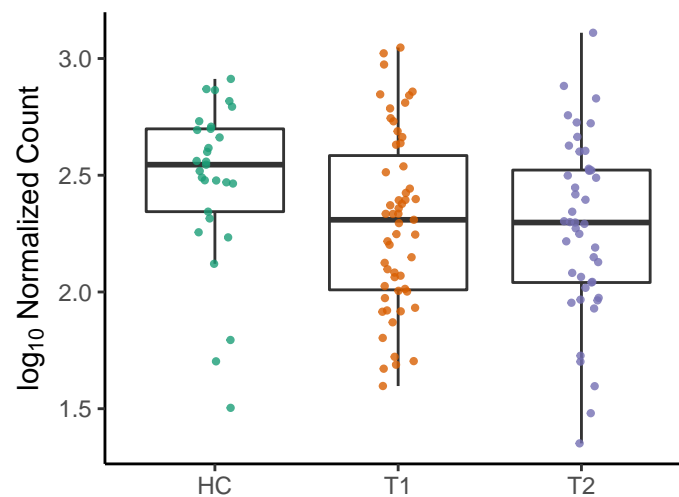
Coriobacteriales

non-ED vs. T1 adjusted $p = 0.045$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.9$



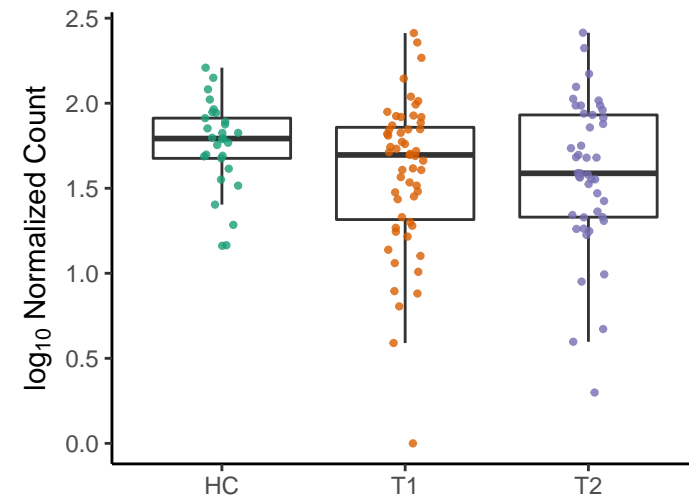
Petrotogales

non-ED vs. T1 adjusted $p = 0.045$
non-ED vs. T2 adjusted $p = 0.043$
T1 vs. T2 adjusted $p = 0.9$



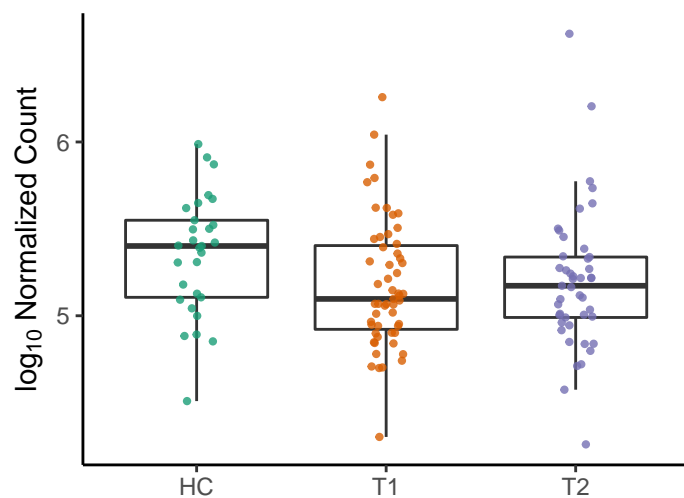
Gloeomargaritales

non-ED vs. T1 adjusted $p = 0.045$
non-ED vs. T2 adjusted $p = 0.063$
T1 vs. T2 adjusted $p = 0.88$



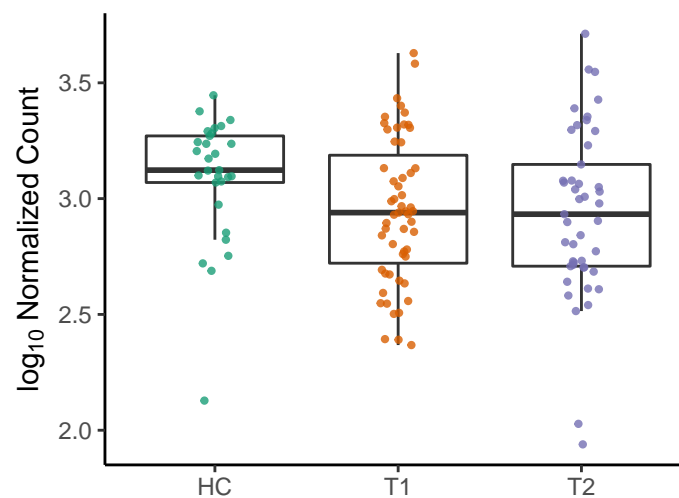
Erysipelotrichales

non-ED vs. T1 adjusted $p = 0.047$
non-ED vs. T2 adjusted $p = 0.1$
T1 vs. T2 adjusted $p = 0.9$



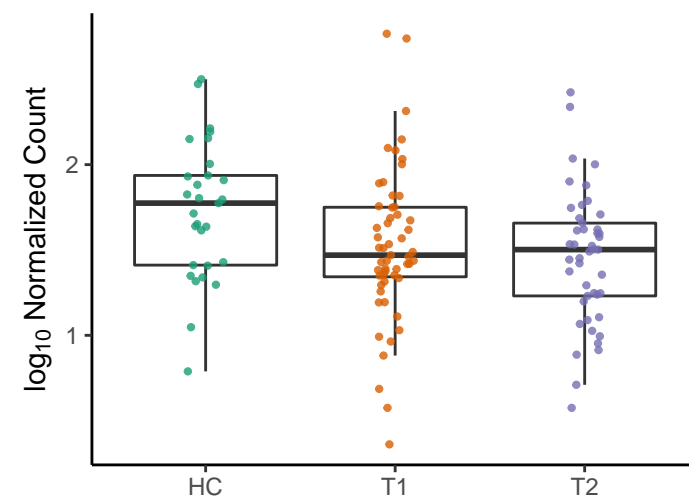
Halanaerobiales

non-ED vs. T1 adjusted $p = 0.047$
non-ED vs. T2 adjusted $p = 0.062$
T1 vs. T2 adjusted $p = 0.95$



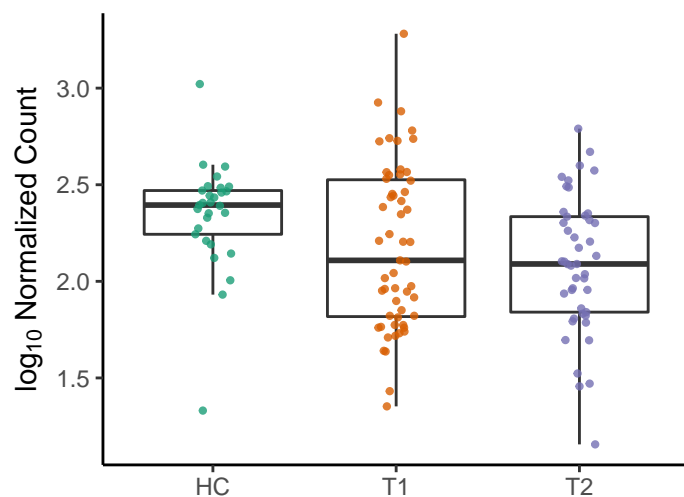
Chroococcidiopsidales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.79$



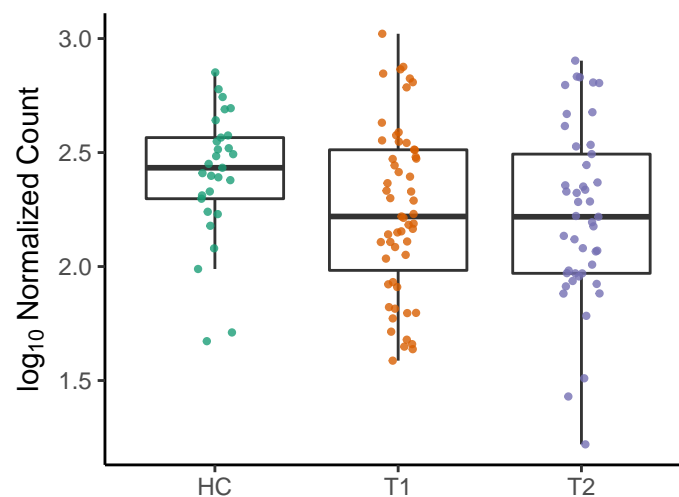
Unclassified Tissierellia Class

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.017$
T1 vs. T2 adjusted $p = 0.75$



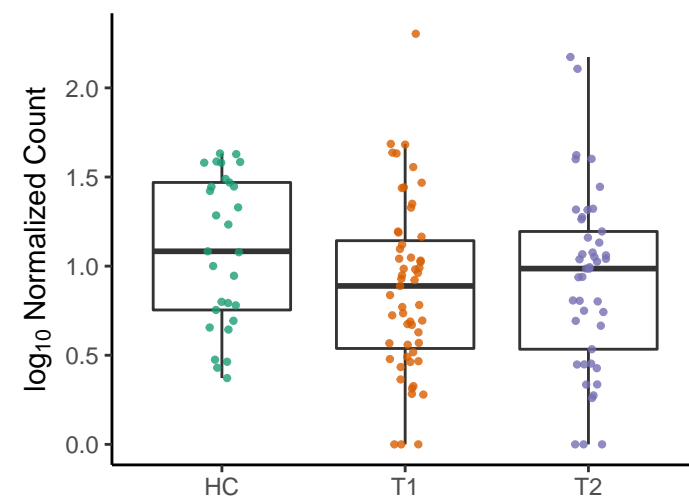
Bacteriovoracales

non-ED vs. T1 adjusted $p = 0.051$
non-ED vs. T2 adjusted $p = 0.049$
T1 vs. T2 adjusted $p = 0.95$



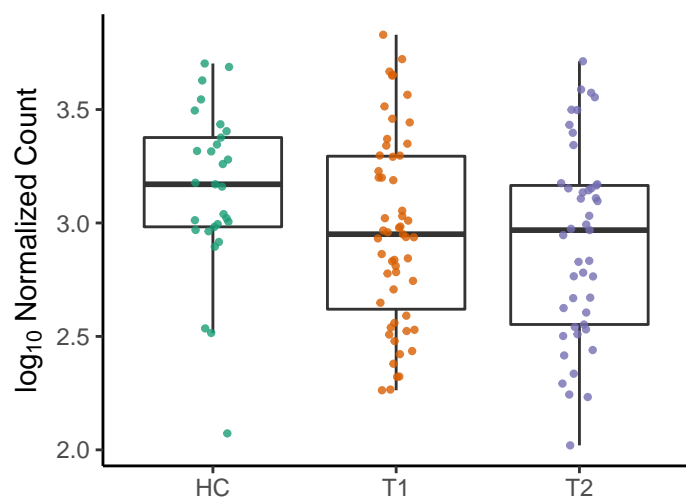
Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.88$



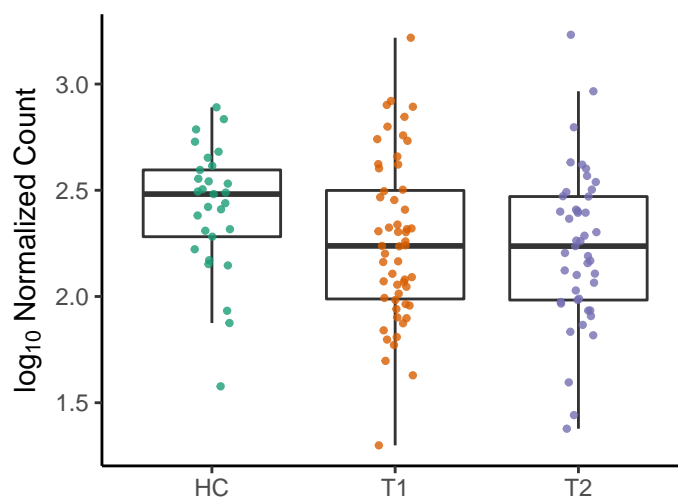
Entomoplasmatales

non-ED vs. T1 adjusted $p = 0.055$
non-ED vs. T2 adjusted $p = 0.032$
T1 vs. T2 adjusted $p = 0.76$



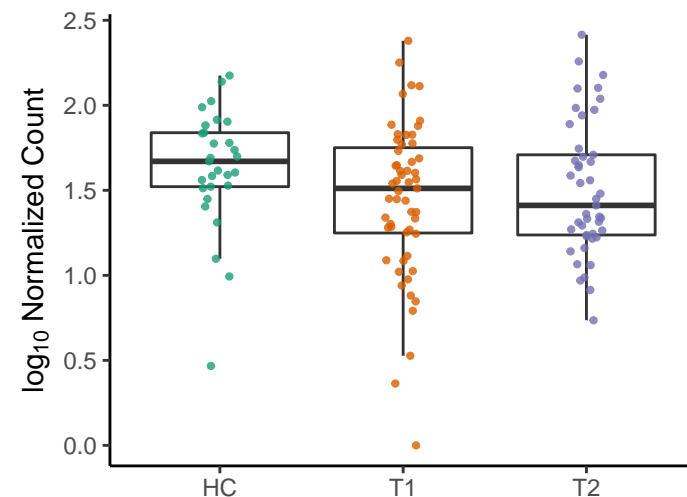
Orbales

non-ED vs. T1 adjusted $p = 0.055$
non-ED vs. T2 adjusted $p = 0.039$
T1 vs. T2 adjusted $p = 0.81$



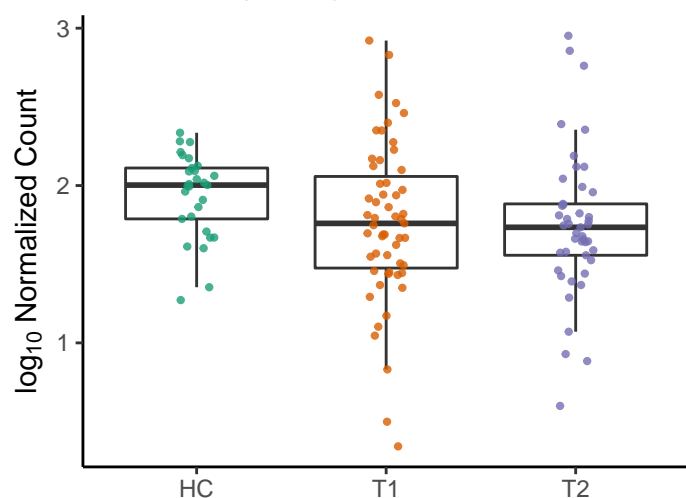
Desulfurellales

non-ED vs. T1 adjusted $p = 0.056$
non-ED vs. T2 adjusted $p = 0.18$
T1 vs. T2 adjusted $p = 0.81$



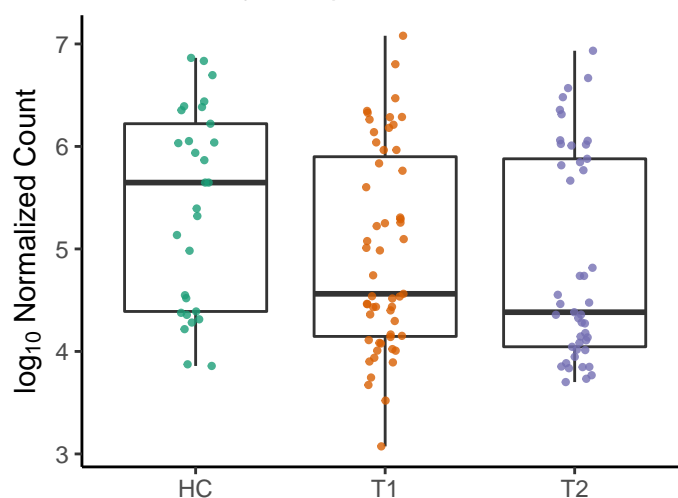
Unclassified candidate division Zixibacte

non-ED vs. T1 adjusted $p = 0.057$
non-ED vs. T2 adjusted $p = 0.048$
T1 vs. T2 adjusted $p = 0.88$



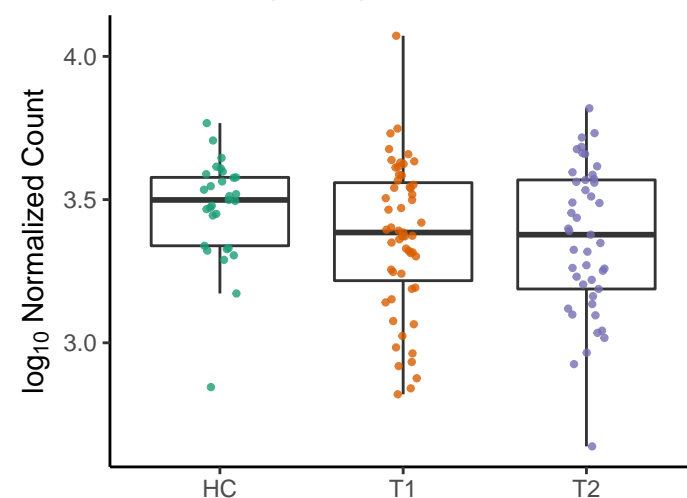
Bifidobacteriales

non-ED vs. T1 adjusted $p = 0.058$
non-ED vs. T2 adjusted $p = 0.044$
T1 vs. T2 adjusted $p = 0.99$



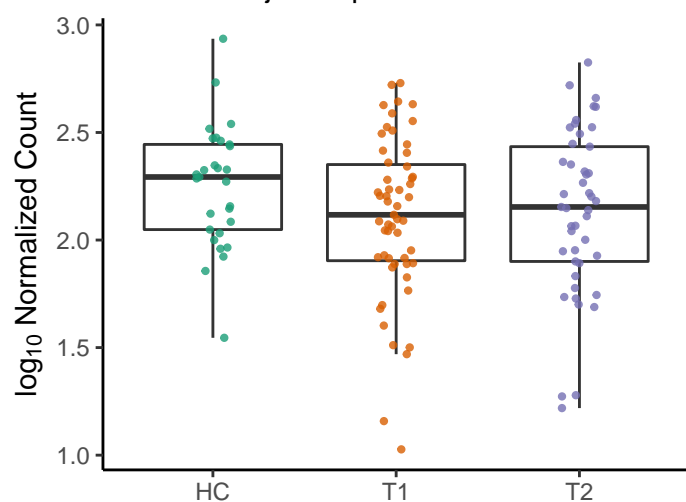
Chitinophagales

non-ED vs. T1 adjusted $p = 0.058$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.9$



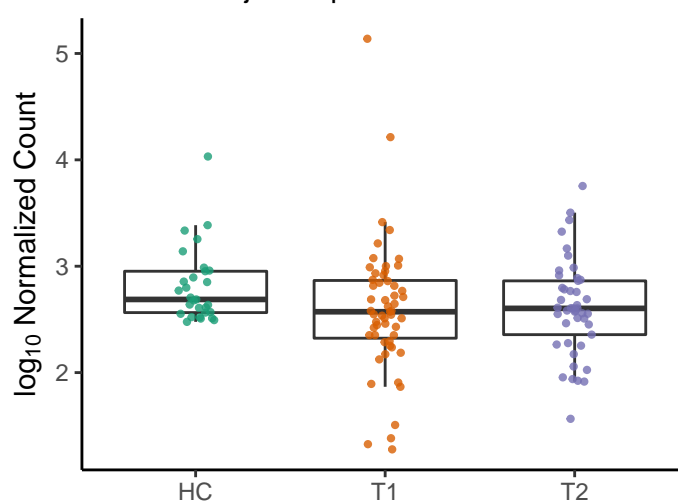
Desulfurobacteriales

non-ED vs. T1 adjusted $p = 0.059$
non-ED vs. T2 adjusted $p = 0.15$
T1 vs. T2 adjusted $p = 0.81$



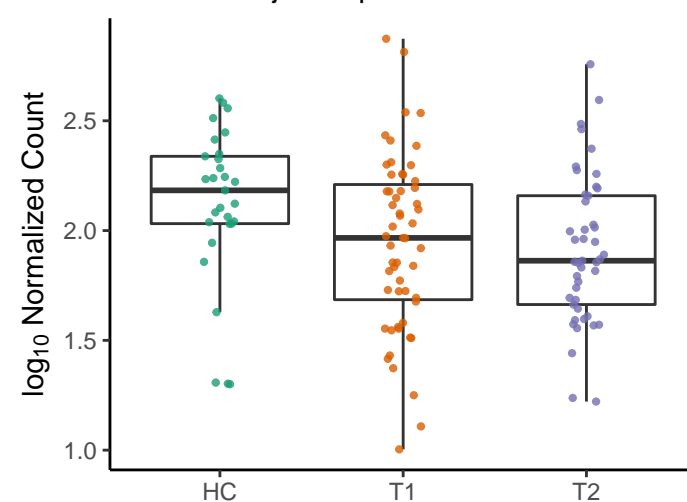
Victivallales

non-ED vs. T1 adjusted $p = 0.059$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.81$



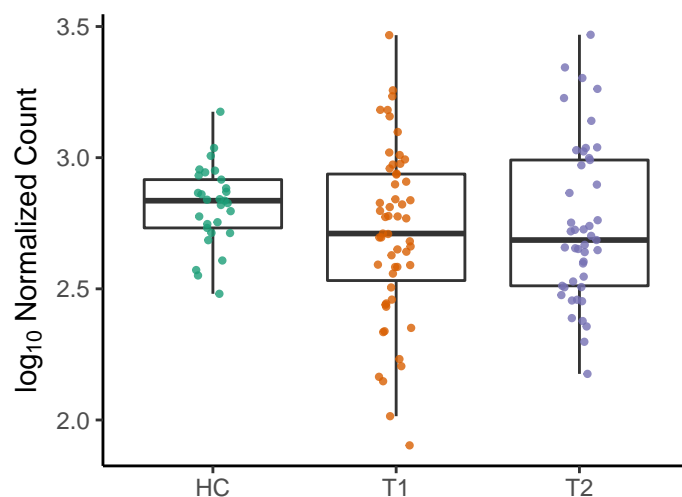
Silvanigrellales

non-ED vs. T1 adjusted $p = 0.061$
non-ED vs. T2 adjusted $p = 0.036$
T1 vs. T2 adjusted $p = 0.77$



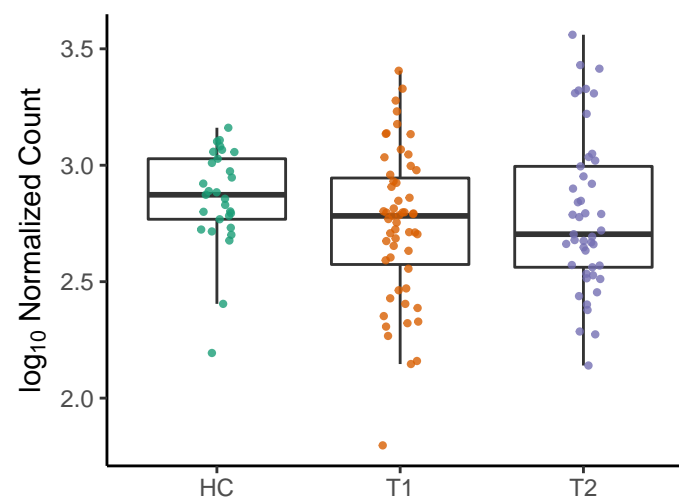
Nitrospirales

non-ED vs. T1 adjusted $p = 0.062$
non-ED vs. T2 adjusted $p = 0.21$
T1 vs. T2 adjusted $p = 0.76$



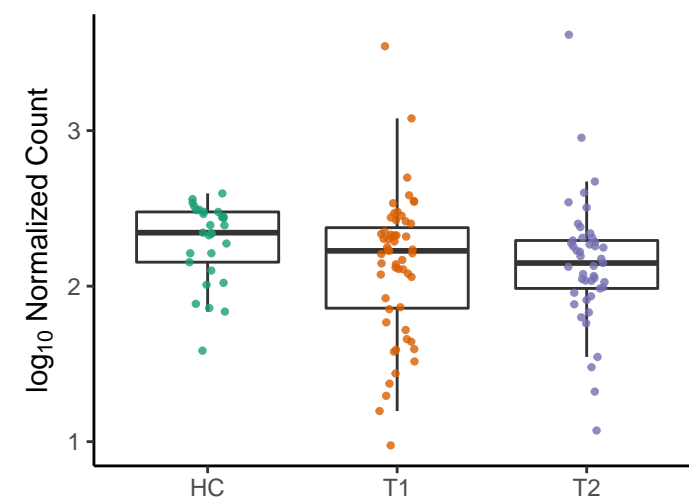
Methanomicrobiales

non-ED vs. T1 adjusted $p = 0.062$
non-ED vs. T2 adjusted $p = 0.29$
T1 vs. T2 adjusted $p = 0.75$



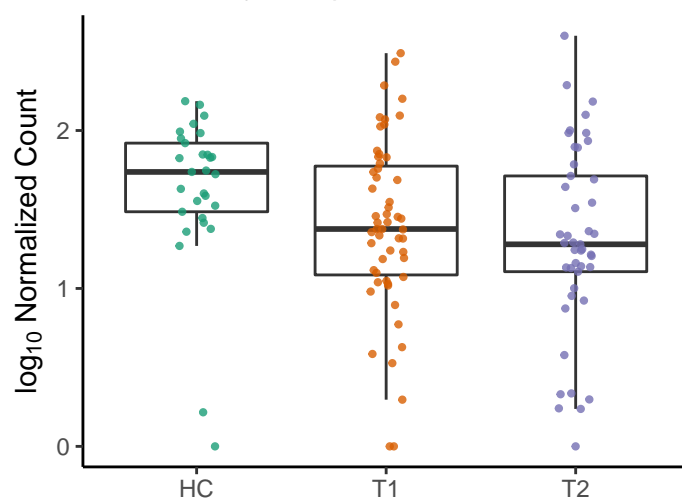
Saprospirales

non-ED vs. T1 adjusted $p = 0.065$
non-ED vs. T2 adjusted $p = 0.1$
T1 vs. T2 adjusted $p = 0.9$



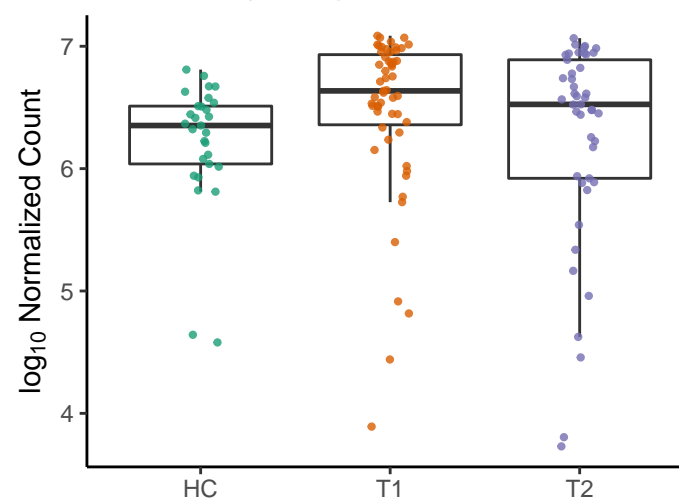
Unclassified Candidatus Gracilibacteria I

non-ED vs. T1 adjusted $p = 0.067$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.87$



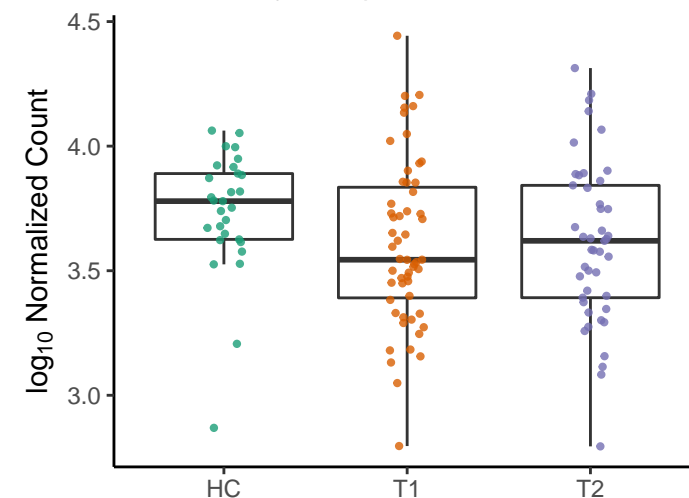
Bacteroidales

non-ED vs. T1 adjusted $p = 0.069$
non-ED vs. T2 adjusted $p = 0.82$
T1 vs. T2 adjusted $p = 0.21$



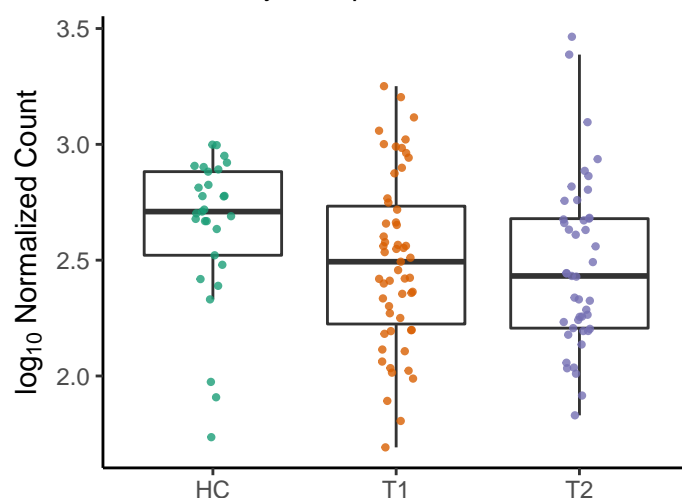
Tissierellales

non-ED vs. T1 adjusted $p = 0.07$
non-ED vs. T2 adjusted $p = 0.099$
T1 vs. T2 adjusted $p = 0.99$



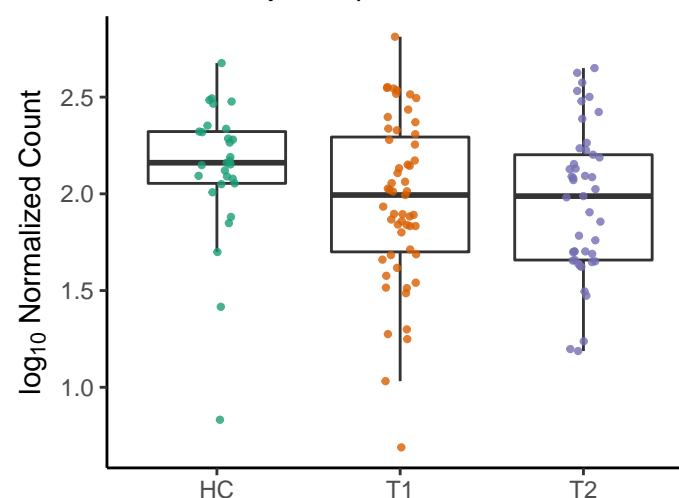
Sulfolobales

non-ED vs. T1 adjusted $p = 0.077$
non-ED vs. T2 adjusted $p = 0.061$
T1 vs. T2 adjusted $p = 0.9$



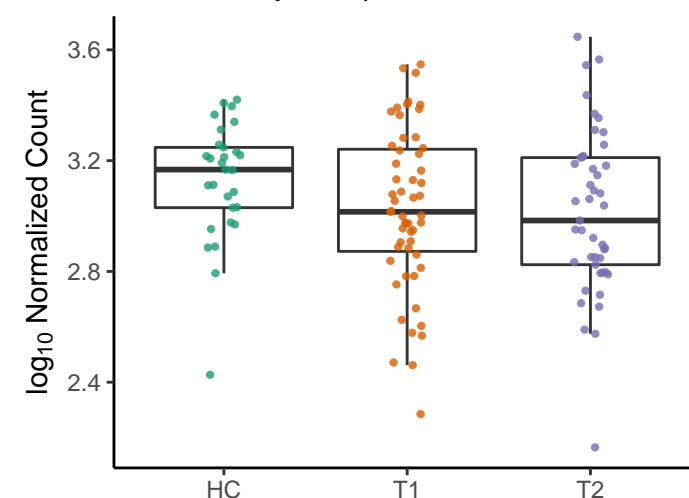
Nitrosopumilales

non-ED vs. T1 adjusted $p = 0.078$
non-ED vs. T2 adjusted $p = 0.074$
T1 vs. T2 adjusted $p = 0.9$



Methanosarcinales

non-ED vs. T1 adjusted $p = 0.086$
non-ED vs. T2 adjusted $p = 0.076$
T1 vs. T2 adjusted $p = 0.99$



Aquificales

non-ED vs. T1 adjusted p = 0.089

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 1

