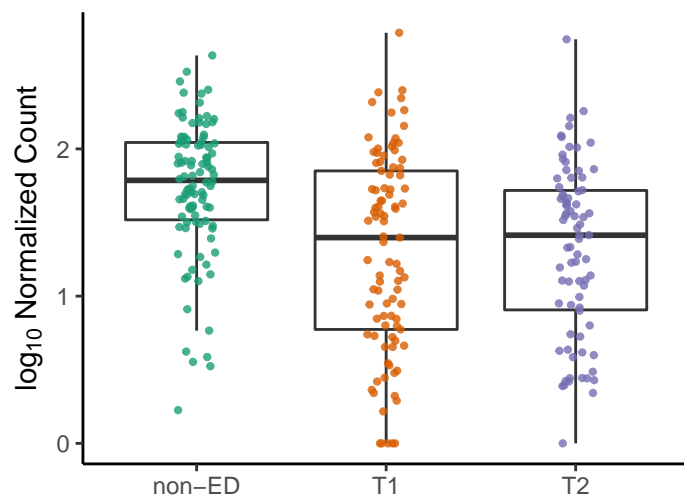


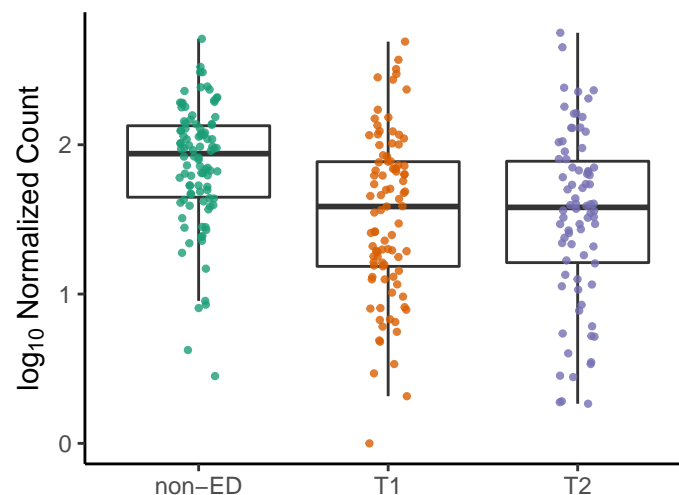
Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted $p = 0.00012$
non-ED vs. T2 adjusted $p = 6.9e-05$
T1 vs. T2 adjusted $p = 0.83$



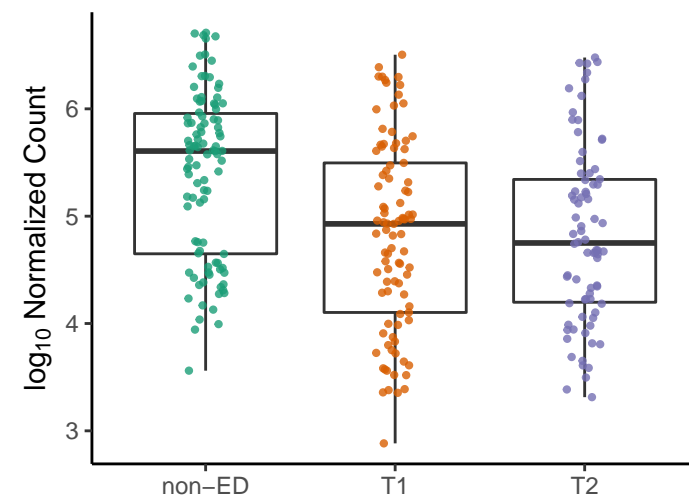
Coprothermobacteriales

non-ED vs. T1 adjusted $p = 0.00027$
non-ED vs. T2 adjusted $p = 0.00077$
T1 vs. T2 adjusted $p = 0.93$



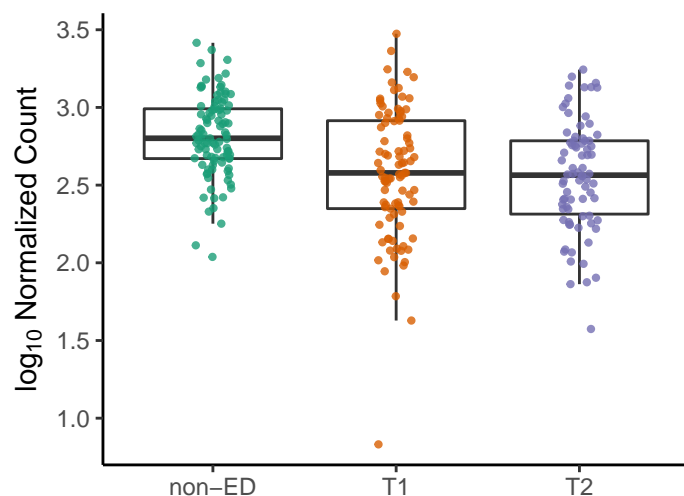
Coriobacteriales

non-ED vs. T1 adjusted $p = 0.00029$
non-ED vs. T2 adjusted $p = 0.00052$
T1 vs. T2 adjusted $p = 0.73$



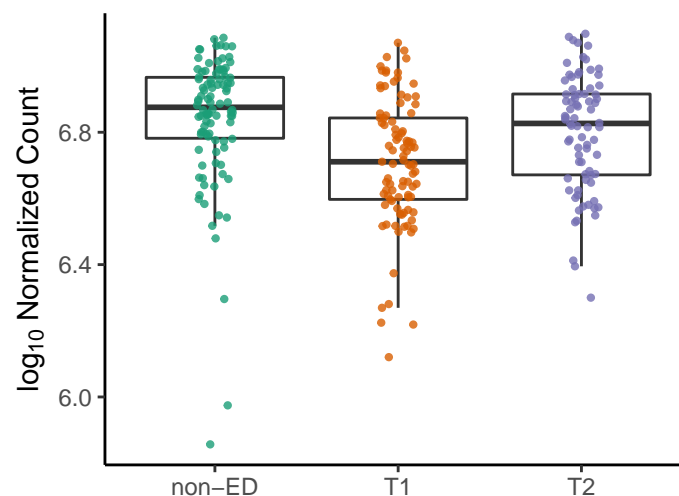
Unclassified Candidatus Saccharibacte

non-ED vs. T1 adjusted $p = 0.00044$
non-ED vs. T2 adjusted $p = 6.9e-05$
T1 vs. T2 adjusted $p = 0.96$



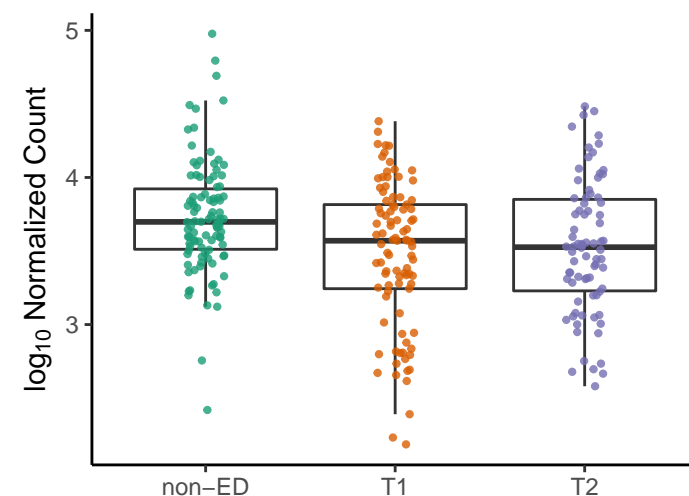
Clostridiales

non-ED vs. T1 adjusted $p = 0.00044$
non-ED vs. T2 adjusted $p = 0.23$
T1 vs. T2 adjusted $p = 0.034$



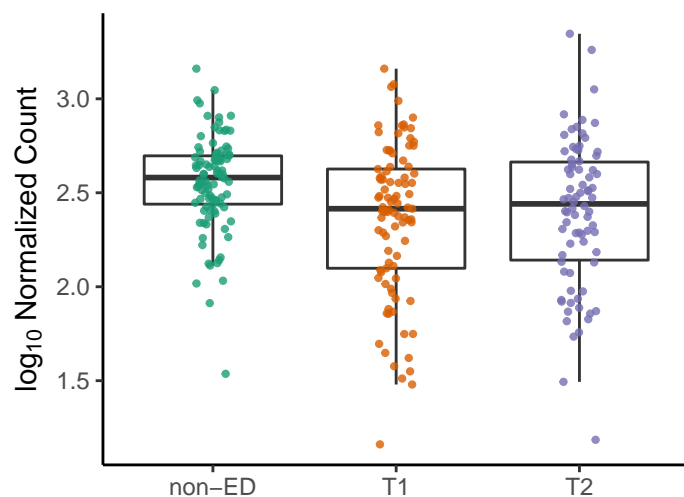
Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted $p = 0.0047$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.69$



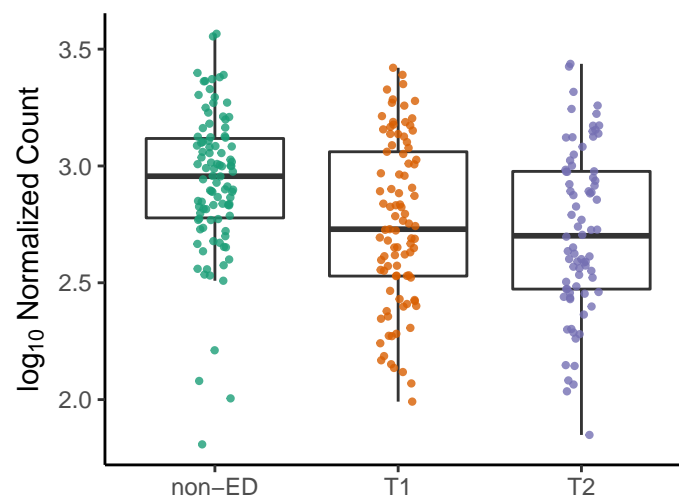
Fibrobacteriales

non-ED vs. T1 adjusted $p = 0.0053$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.69$



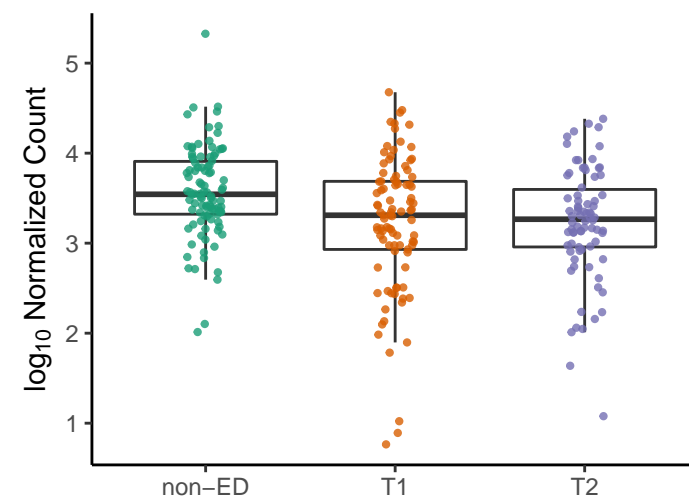
Acholeplasmatales

non-ED vs. T1 adjusted $p = 0.0071$
non-ED vs. T2 adjusted $p = 0.0013$
T1 vs. T2 adjusted $p = 0.74$



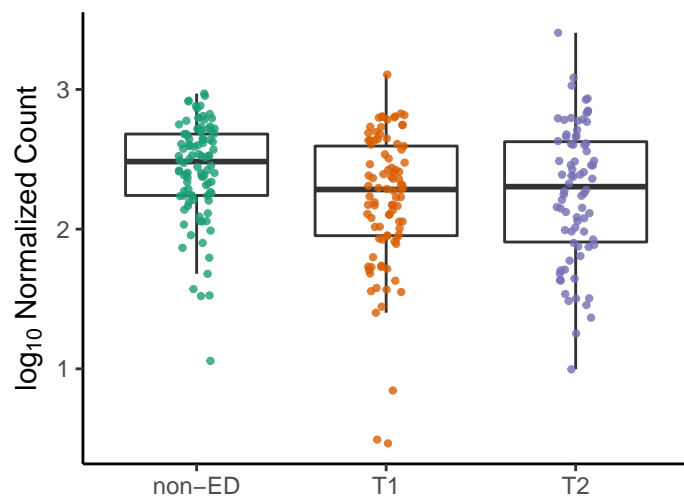
Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted $p = 0.0083$
non-ED vs. T2 adjusted $p = 0.0034$
T1 vs. T2 adjusted $p = 0.76$



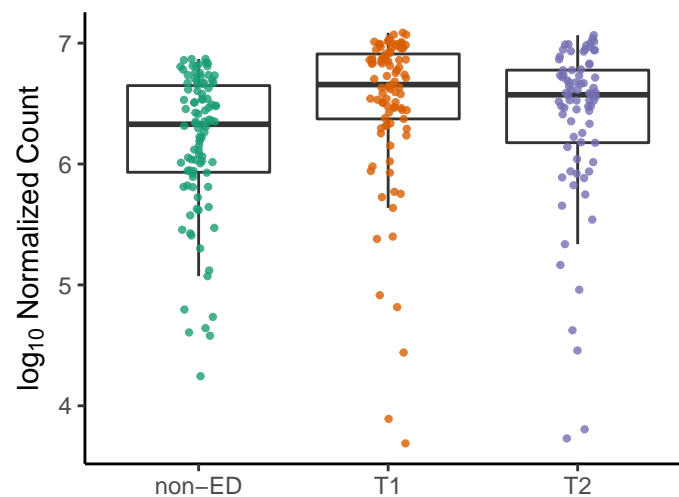
Solirubrobacterales

non-ED vs. T1 adjusted $p = 0.01$
non-ED vs. T2 adjusted $p = 0.07$
T1 vs. T2 adjusted $p = 0.69$



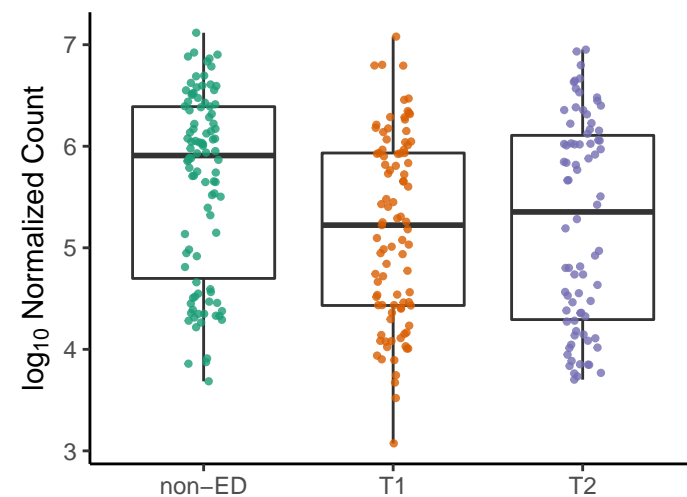
Bacteroidales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



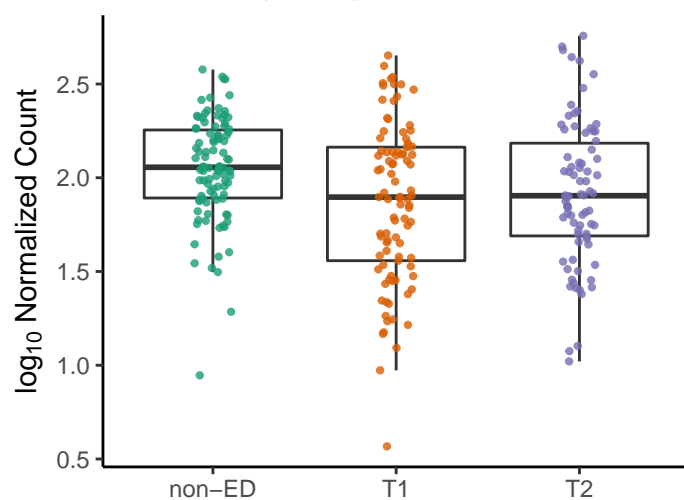
Bifidobacteriales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.063$
T1 vs. T2 adjusted $p = 0.69$



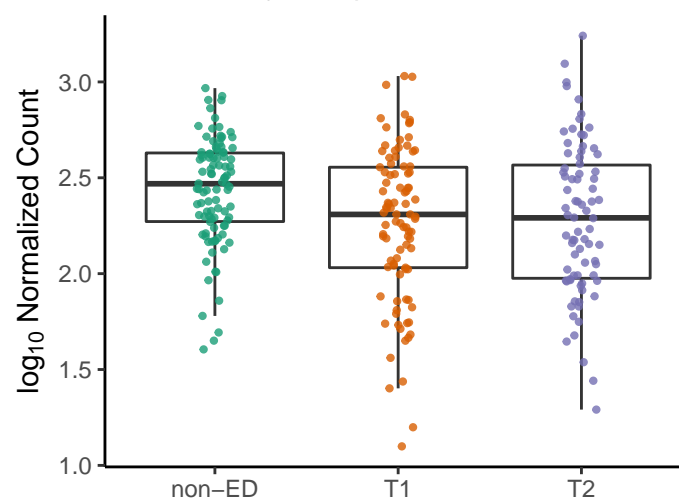
Methylacidiphilales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.07$
T1 vs. T2 adjusted $p = 0.69$



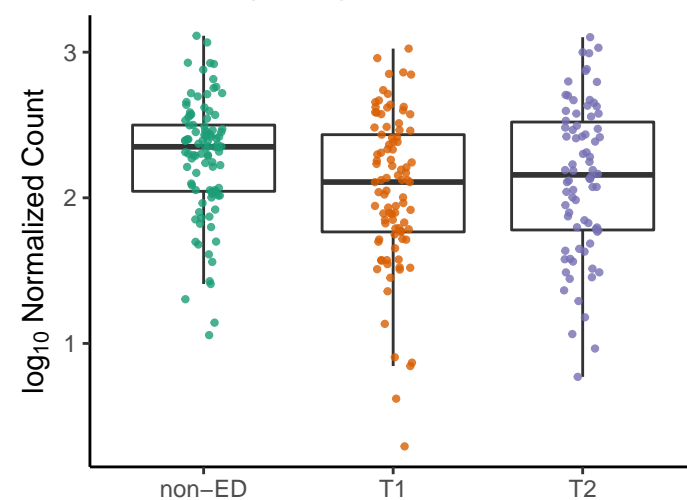
Thermoplasmatales

non-ED vs. T1 adjusted $p = 0.011$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.69$



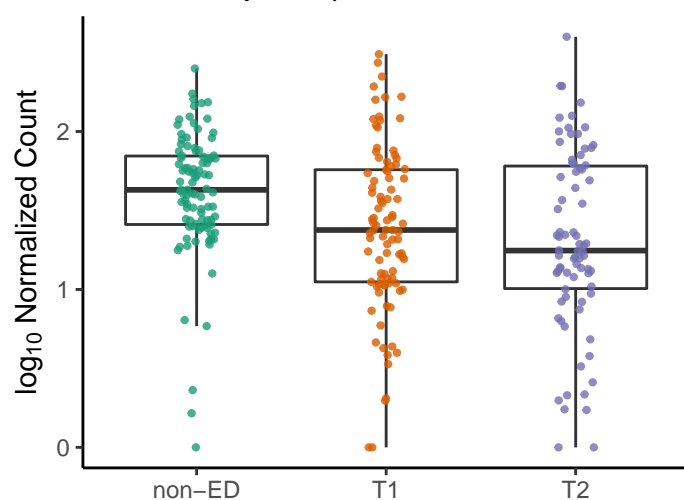
Kineosporiales

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.69$



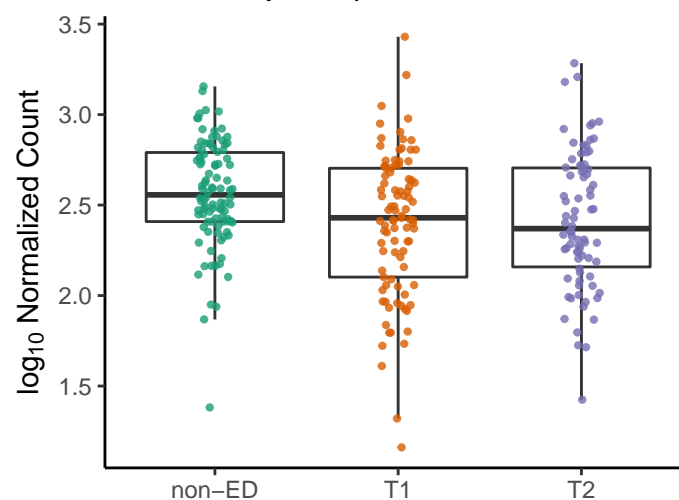
Unclassified Candidatus Gracilibacteria I

non-ED vs. T1 adjusted $p = 0.015$
non-ED vs. T2 adjusted $p = 0.0025$
T1 vs. T2 adjusted $p = 0.69$



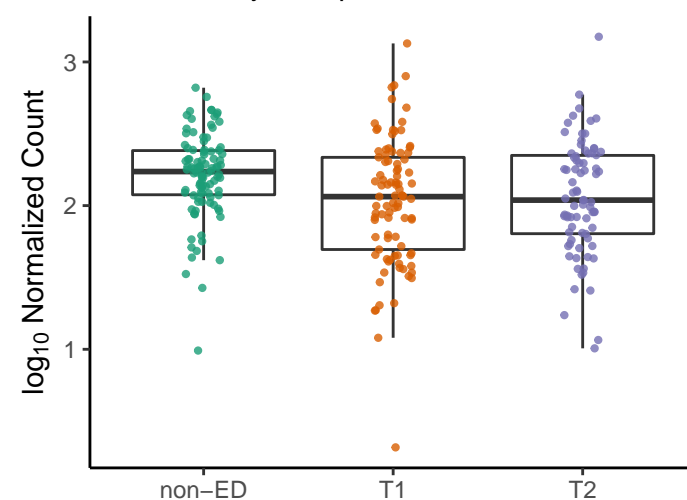
Glomerellales

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.05$
T1 vs. T2 adjusted $p = 0.69$



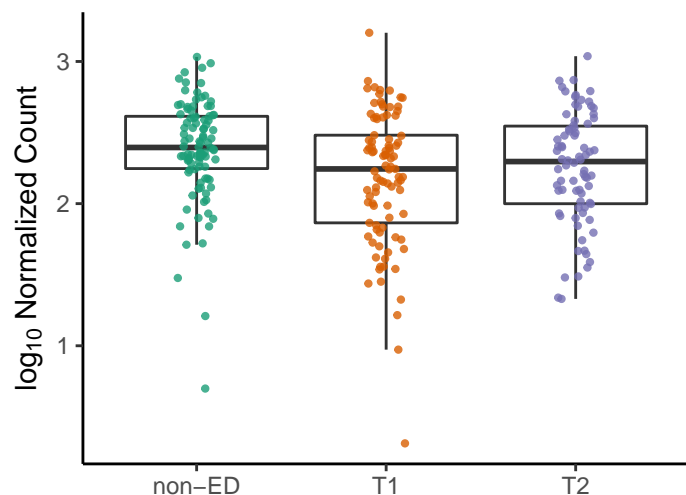
Ktedonobacterales

non-ED vs. T1 adjusted $p = 0.017$
non-ED vs. T2 adjusted $p = 0.05$
T1 vs. T2 adjusted $p = 0.69$



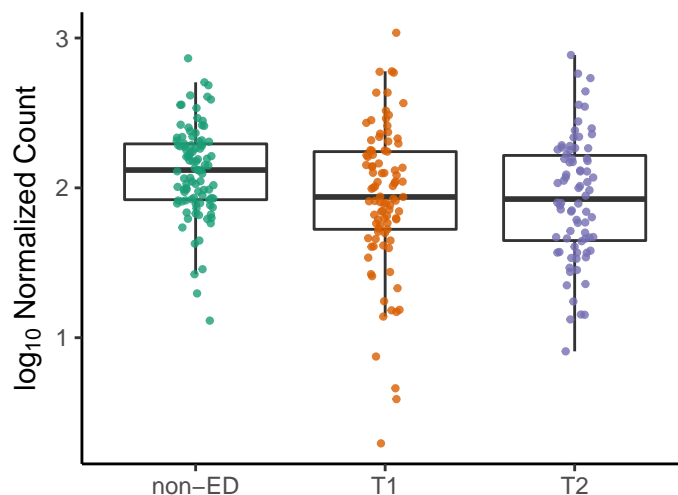
Tepidiformales

non-ED vs. T1 adjusted $p = 0.022$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.69$



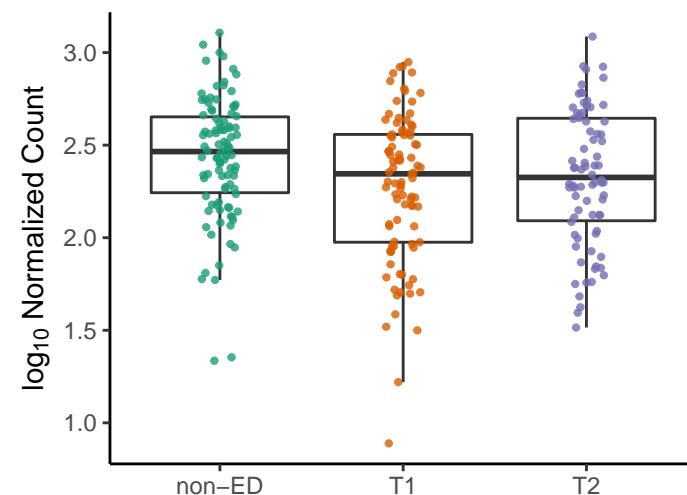
Egibacterales

non-ED vs. T1 adjusted $p = 0.029$
non-ED vs. T2 adjusted $p = 0.022$
T1 vs. T2 adjusted $p = 0.84$



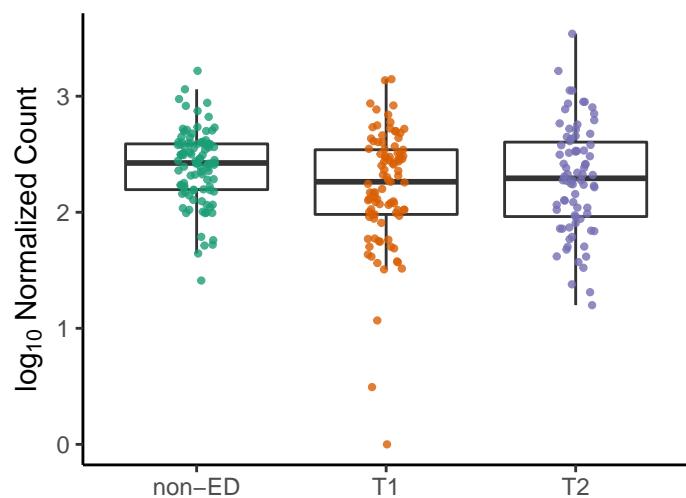
Bryobacterales

non-ED vs. T1 adjusted $p = 0.033$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



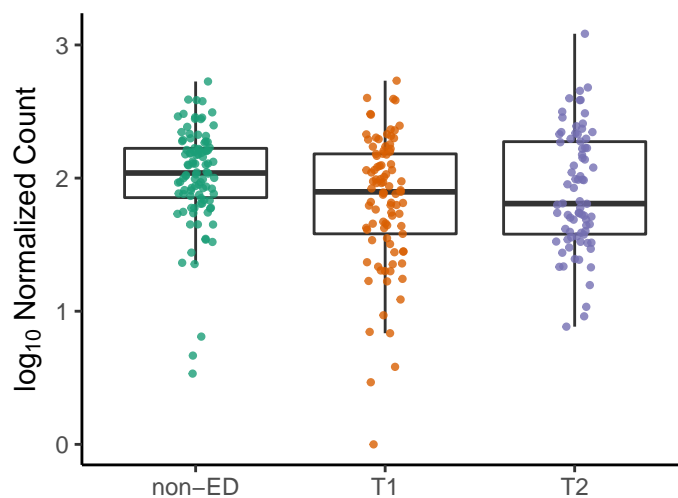
Catenulisporales

non-ED vs. T1 adjusted $p = 0.033$
non-ED vs. T2 adjusted $p = 0.17$
T1 vs. T2 adjusted $p = 0.69$



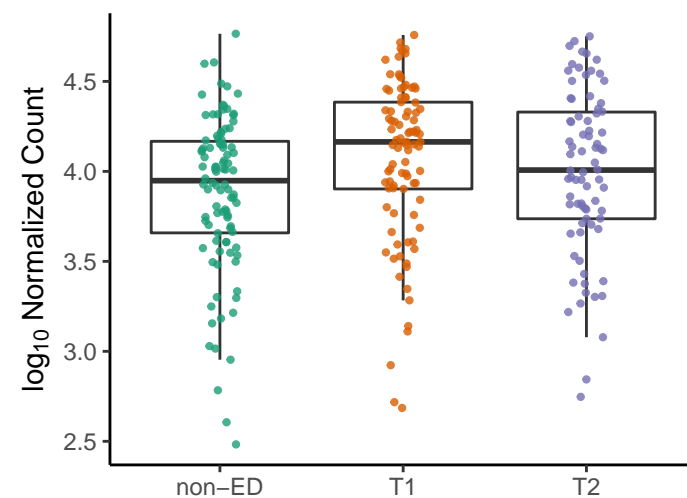
Unclassified Thermoplasmata Class

non-ED vs. T1 adjusted $p = 0.033$
non-ED vs. T2 adjusted $p = 0.15$
T1 vs. T2 adjusted $p = 0.69$



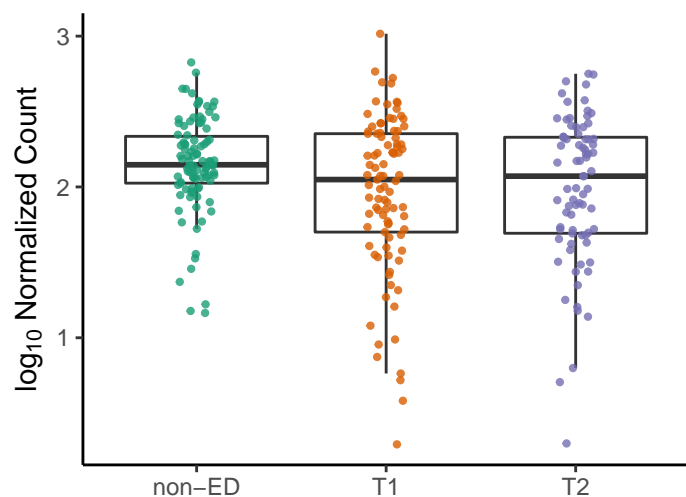
Unclassified Bacteroidetes Phylum

non-ED vs. T1 adjusted $p = 0.034$
non-ED vs. T2 adjusted $p = 0.17$
T1 vs. T2 adjusted $p = 0.69$



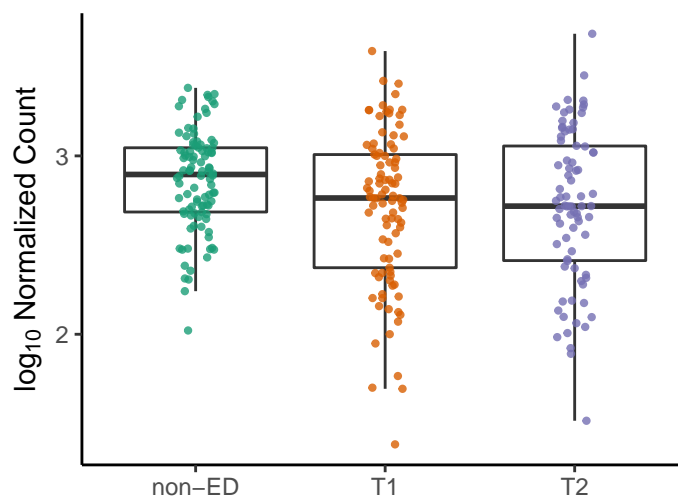
Immundisolibacterales

non-ED vs. T1 adjusted $p = 0.035$
non-ED vs. T2 adjusted $p = 0.071$
T1 vs. T2 adjusted $p = 0.69$



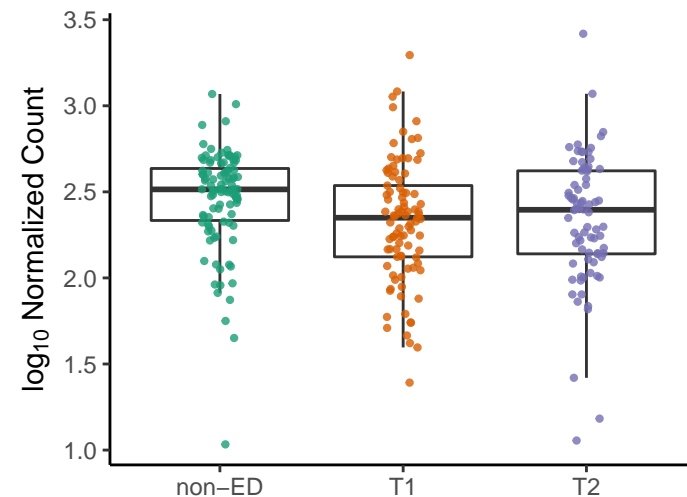
Isosphaerales

non-ED vs. T1 adjusted $p = 0.039$
non-ED vs. T2 adjusted $p = 0.071$
T1 vs. T2 adjusted $p = 0.69$



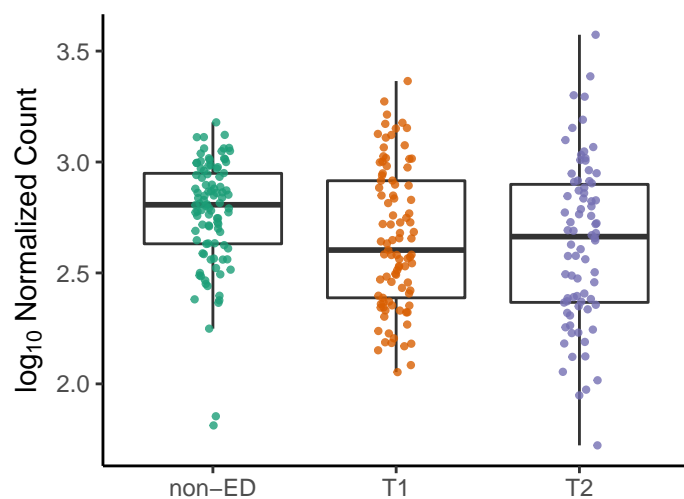
Ignavibacterales

non-ED vs. T1 adjusted $p = 0.043$
non-ED vs. T2 adjusted $p = 0.095$
T1 vs. T2 adjusted $p = 0.99$



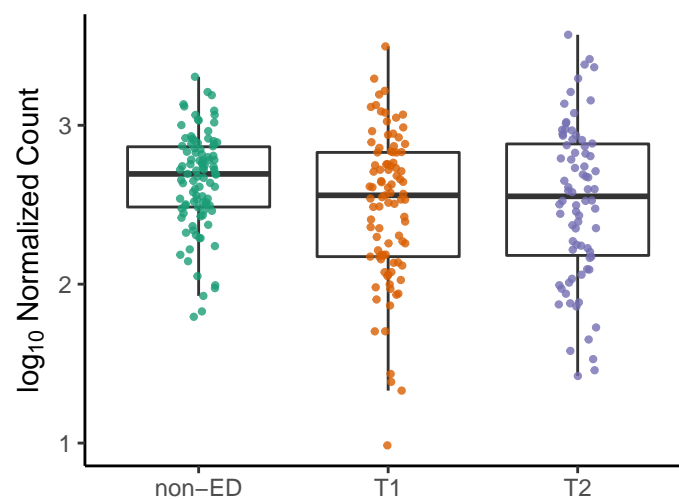
Methanococcales

non-ED vs. T1 adjusted $p = 0.043$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.92$



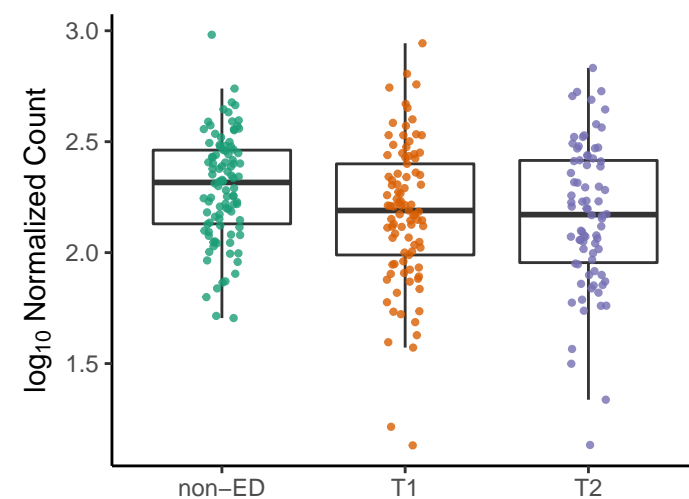
Jiangellales

non-ED vs. T1 adjusted $p = 0.044$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.69$



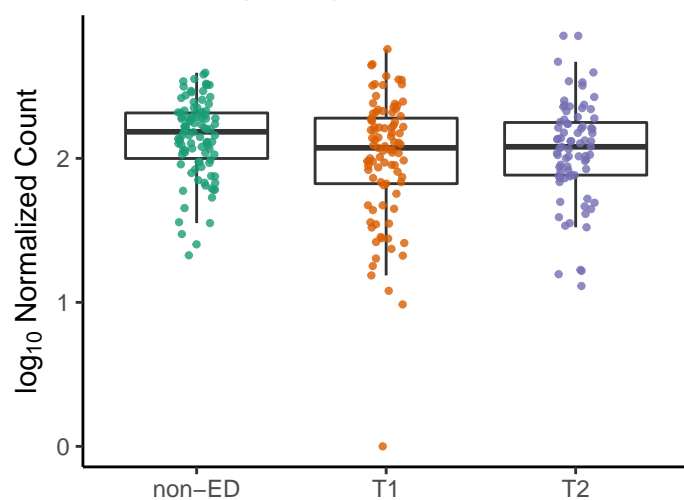
Kosmotogales

non-ED vs. T1 adjusted $p = 0.044$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.96$



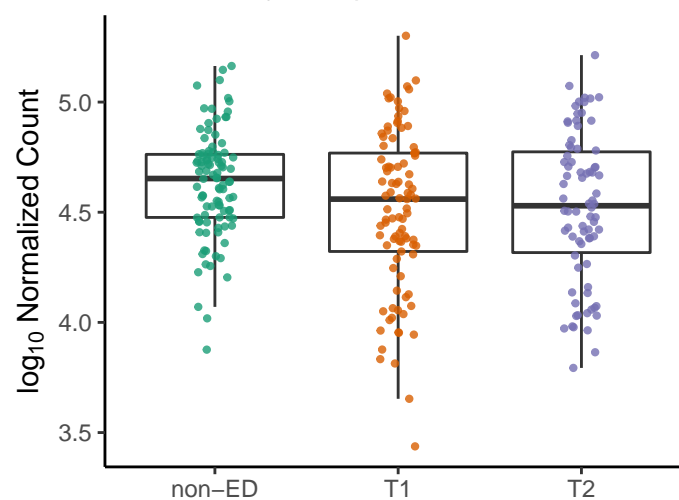
Mariprofundales

non-ED vs. T1 adjusted $p = 0.046$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



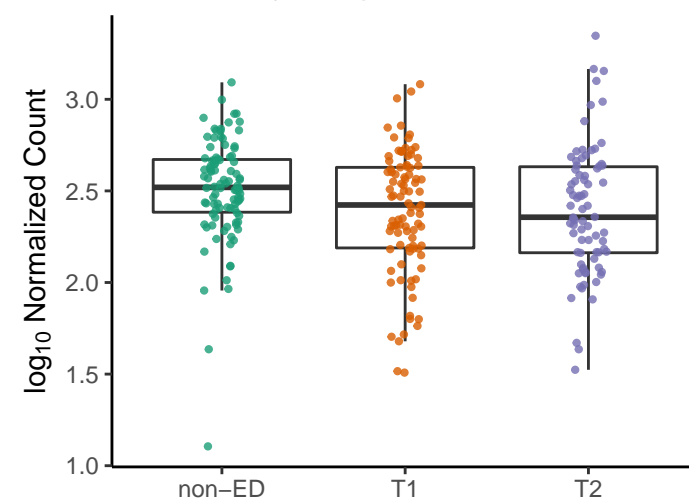
Burkholderiales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.69$



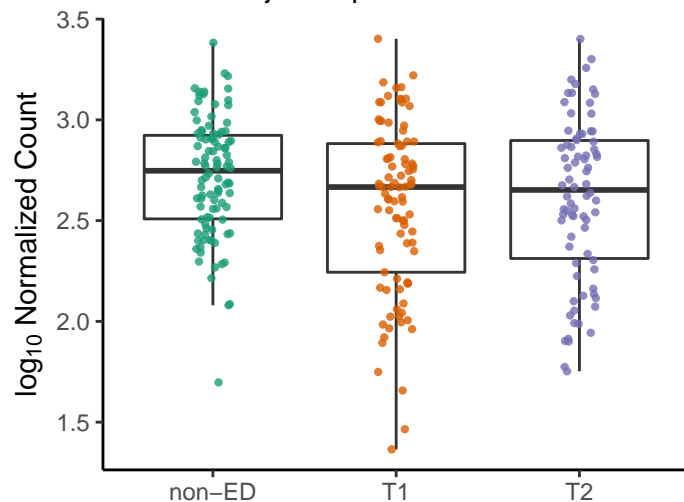
Candidatus Nanopelagicales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.092$
T1 vs. T2 adjusted $p = 0.86$



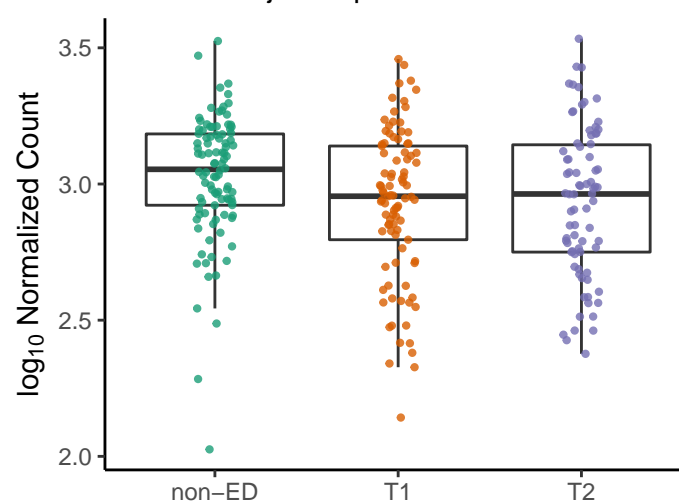
Gemmatimonadales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



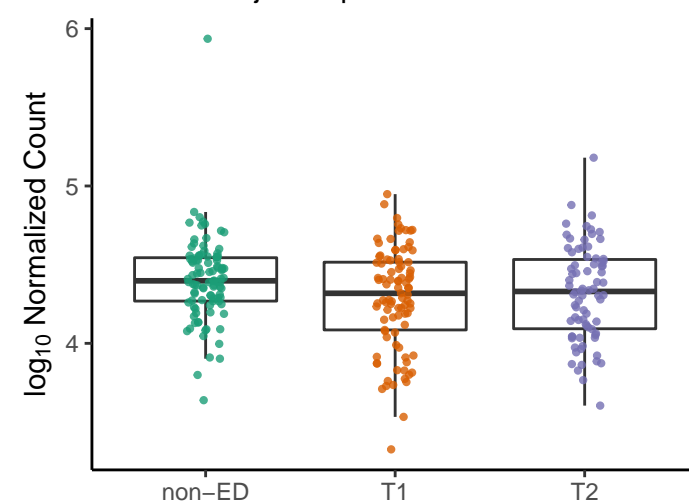
Hypocreales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.092$
T1 vs. T2 adjusted $p = 0.84$



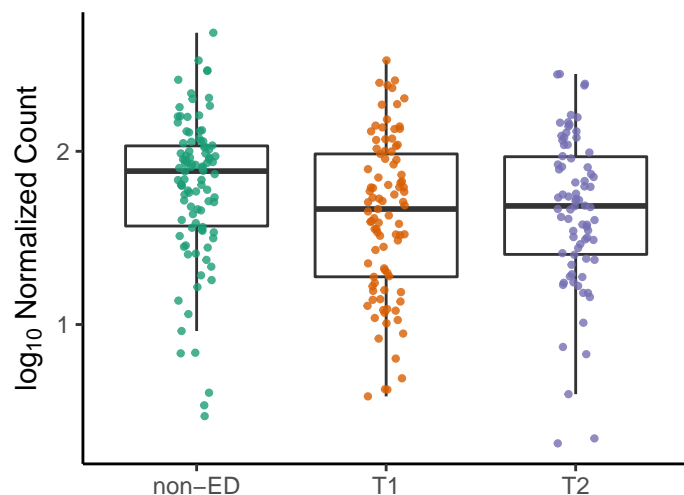
Pseudomonadales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



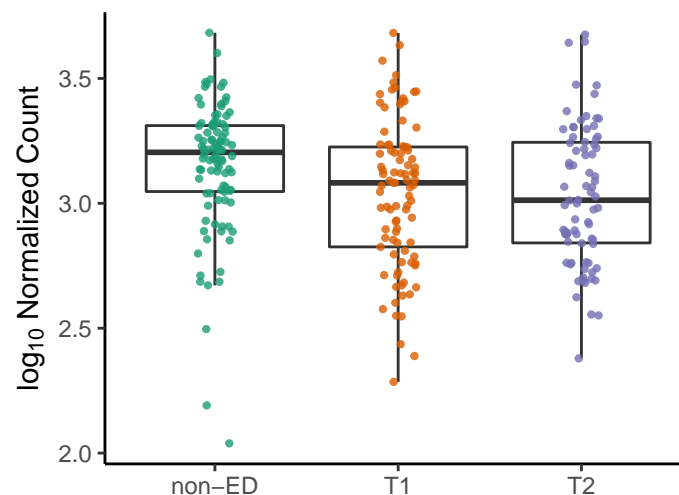
Puniceicoccales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.69$



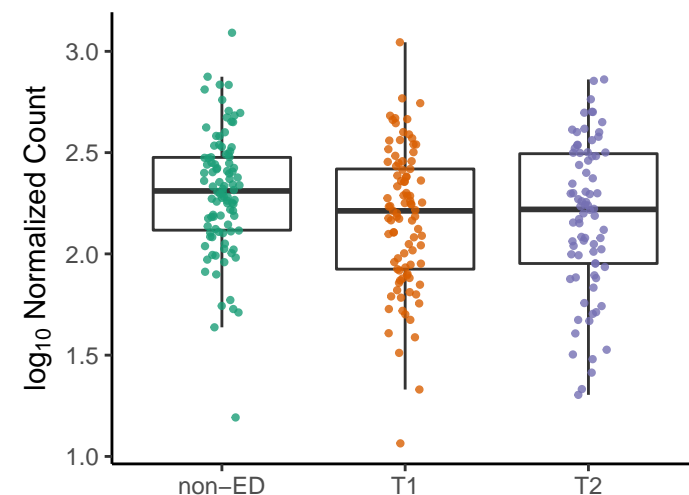
Thiotrichales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.051$
T1 vs. T2 adjusted $p = 0.96$



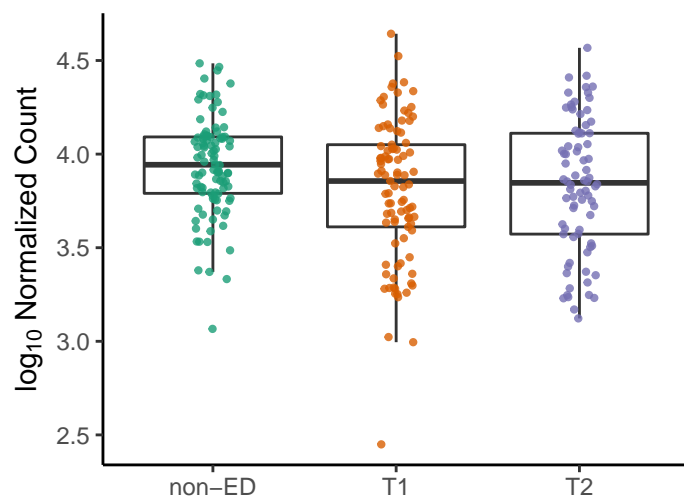
Ustilaginales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.092$
T1 vs. T2 adjusted $p = 0.69$



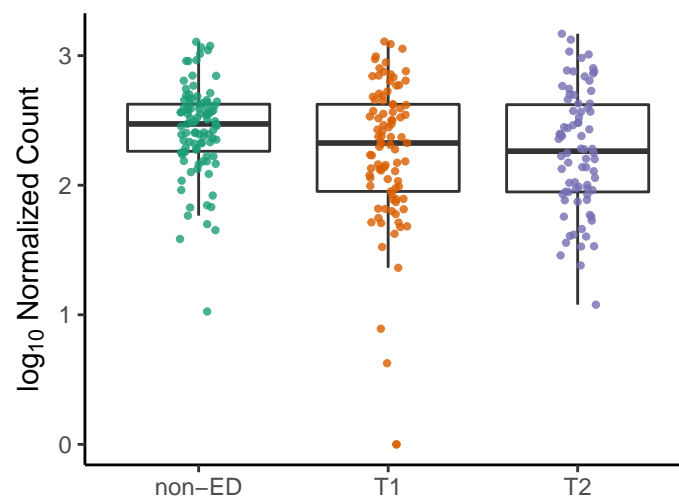
Xanthomonadales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.69$



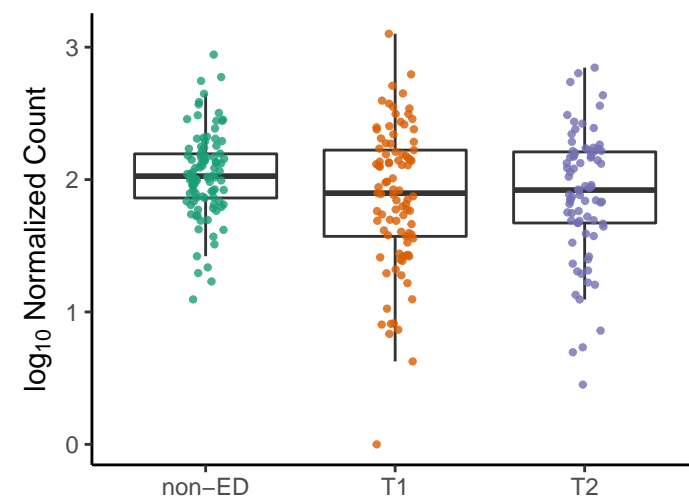
Ardenticatenales

non-ED vs. T1 adjusted $p = 0.049$
non-ED vs. T2 adjusted $p = 0.064$
T1 vs. T2 adjusted $p = 0.69$



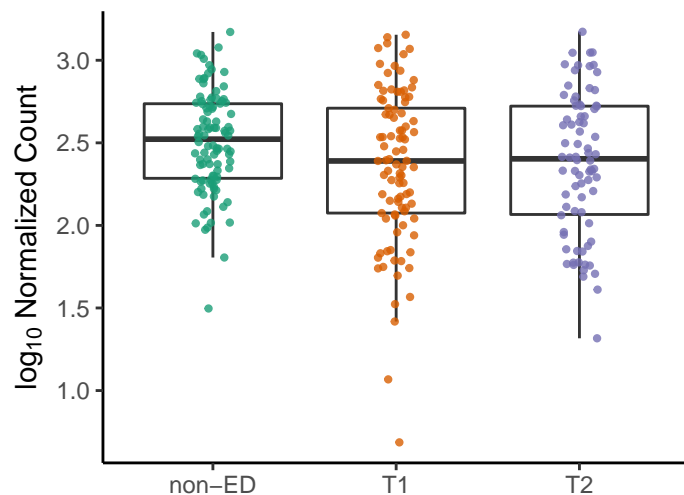
Salinisphaerales

non-ED vs. T1 adjusted $p = 0.052$
non-ED vs. T2 adjusted $p = 0.092$
T1 vs. T2 adjusted $p = 0.69$



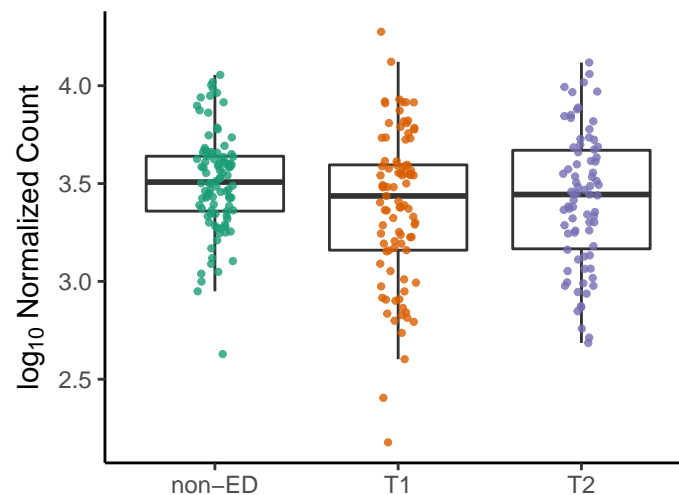
Acidimicrobiales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.097$
T1 vs. T2 adjusted $p = 0.69$



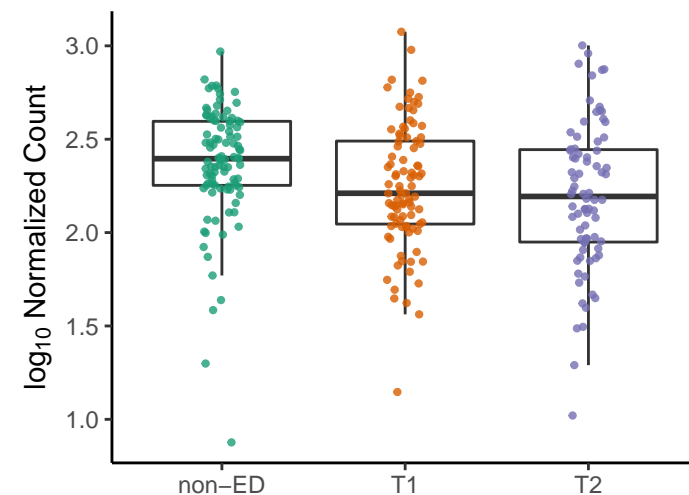
Caulobacteriales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



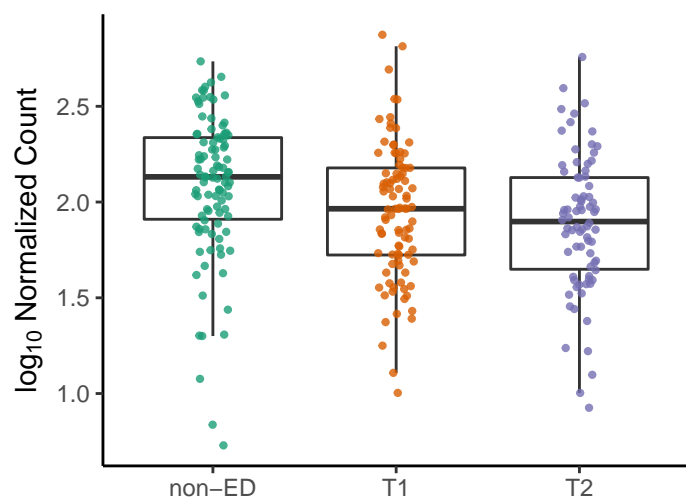
Nautiliales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.69$



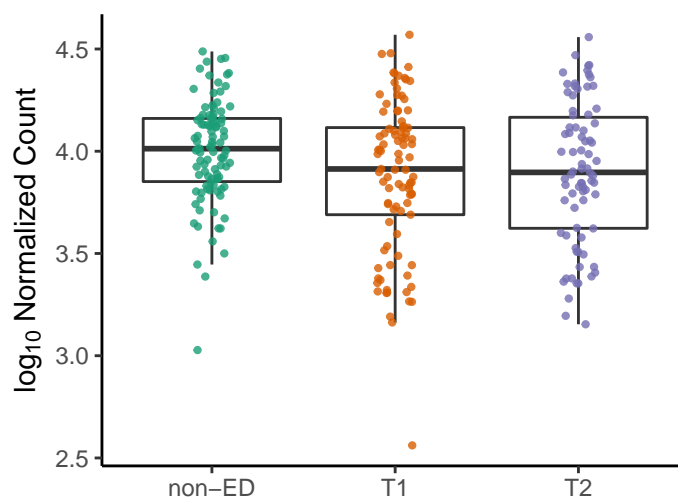
Silvanigrellales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.012$
T1 vs. T2 adjusted $p = 0.69$



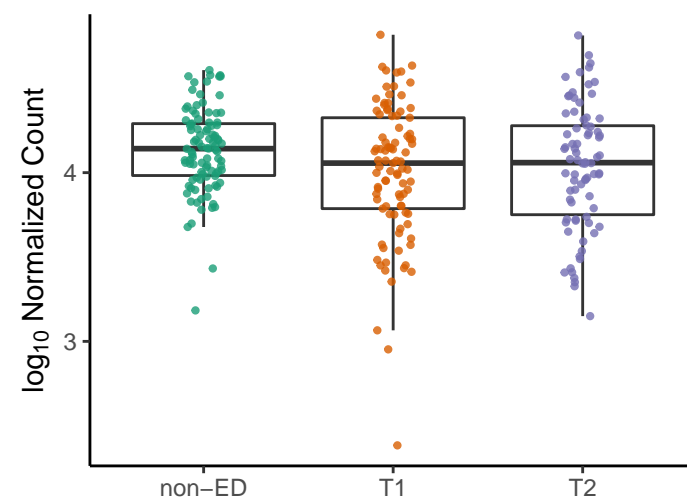
Sphingomonadales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.69$



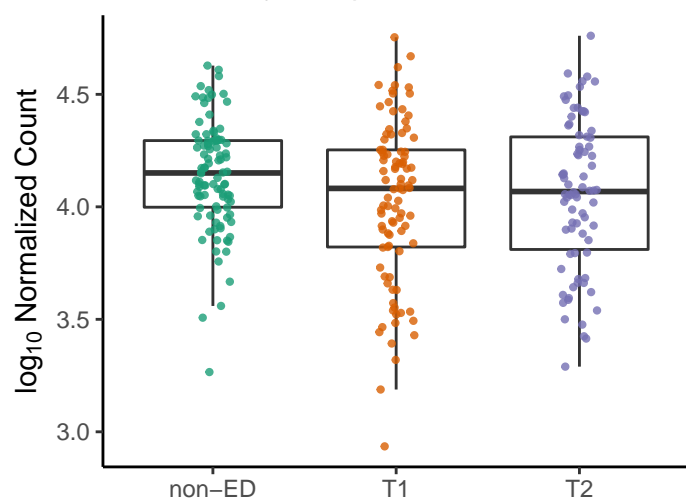
Unclassified Actinobacteria Class

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.69$



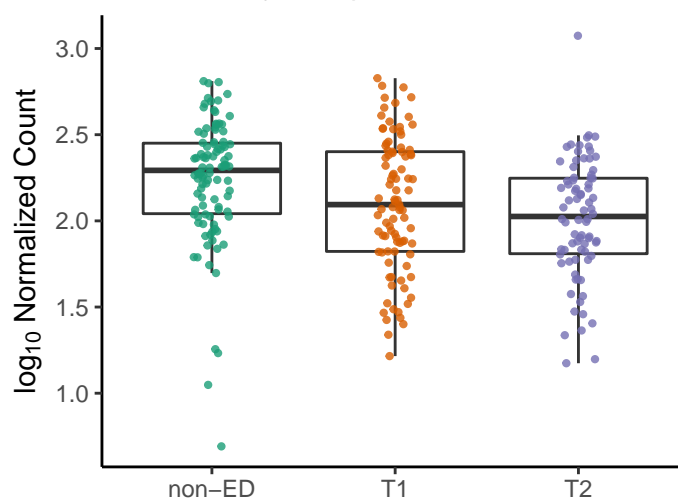
Rhodobacterales

non-ED vs. T1 adjusted $p = 0.053$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



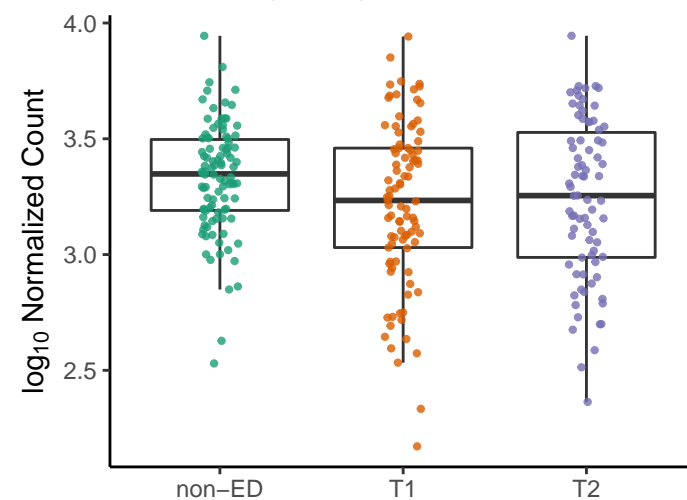
Holospirales

non-ED vs. T1 adjusted $p = 0.057$
non-ED vs. T2 adjusted $p = 0.0013$
T1 vs. T2 adjusted $p = 0.69$



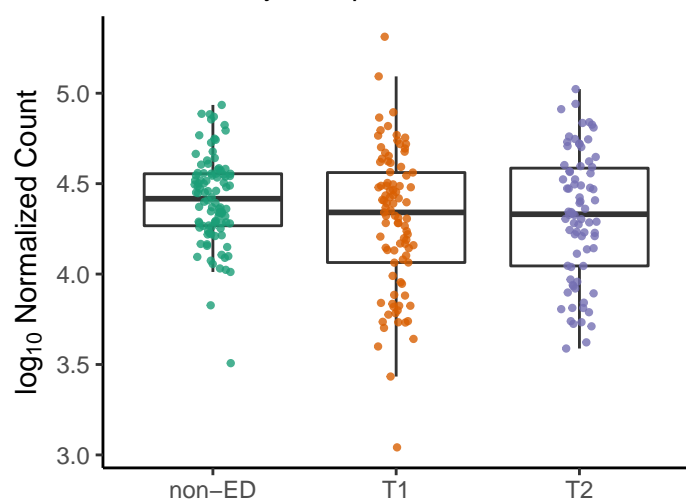
Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.057$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



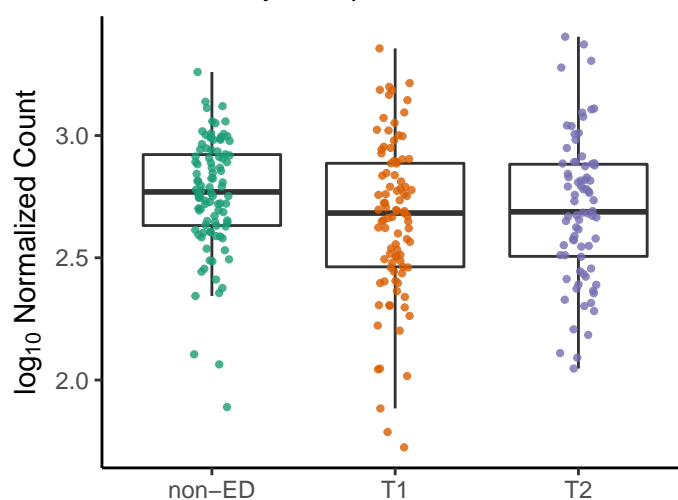
Corynebacteriales

non-ED vs. T1 adjusted $p = 0.059$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



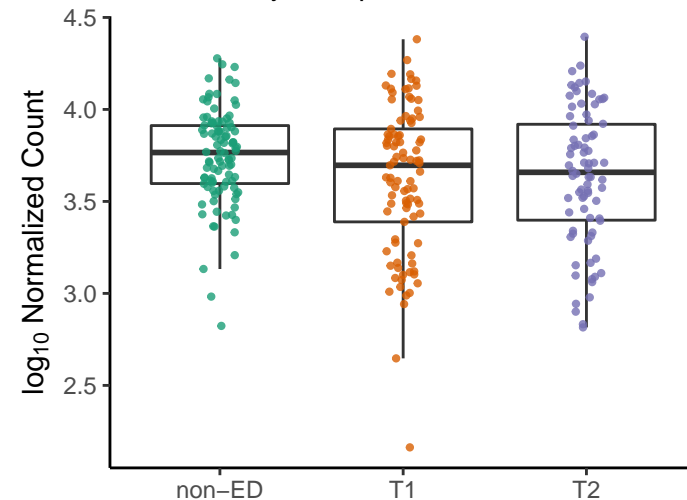
Magnaporthales

non-ED vs. T1 adjusted $p = 0.059$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



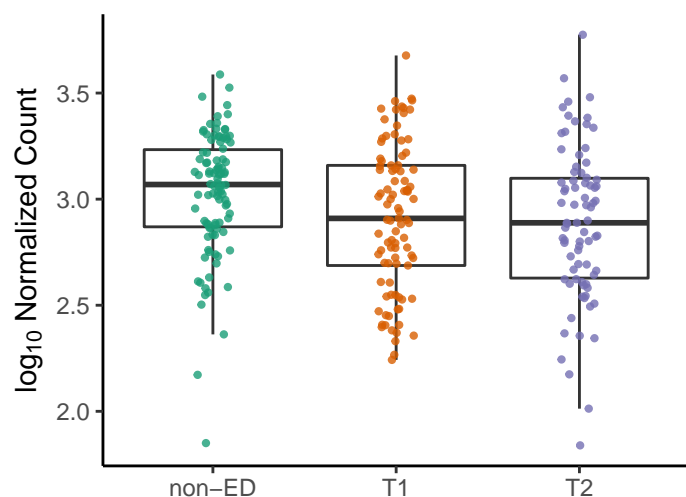
Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.059$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.69$



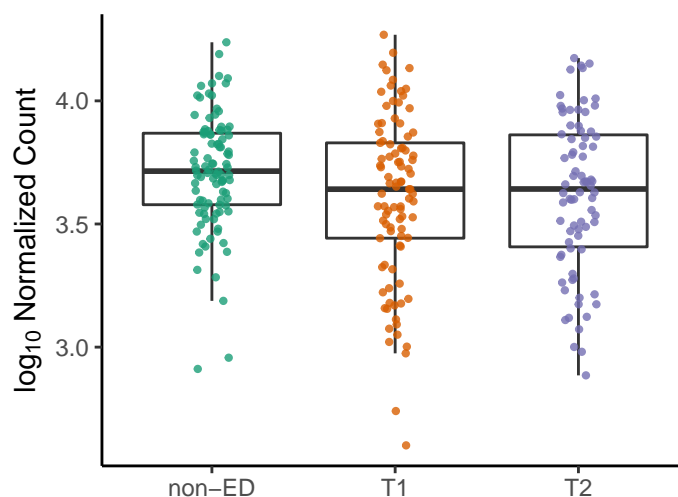
Rickettsiales

non-ED vs. T1 adjusted $p = 0.06$
non-ED vs. T2 adjusted $p = 0.059$
T1 vs. T2 adjusted $p = 0.86$



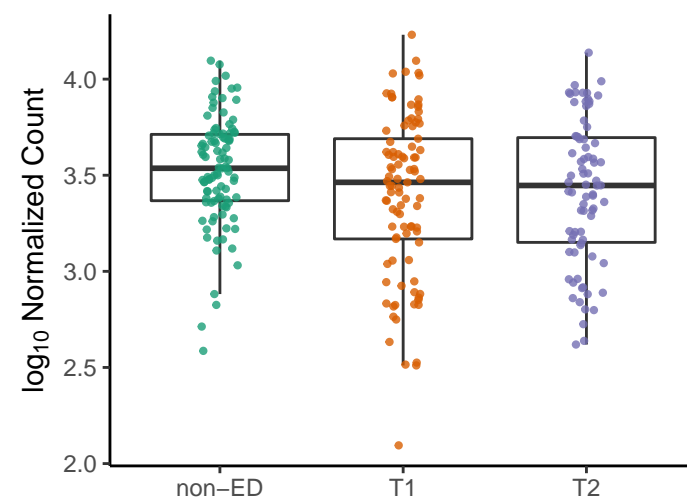
Neisseriales

non-ED vs. T1 adjusted $p = 0.061$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.69$



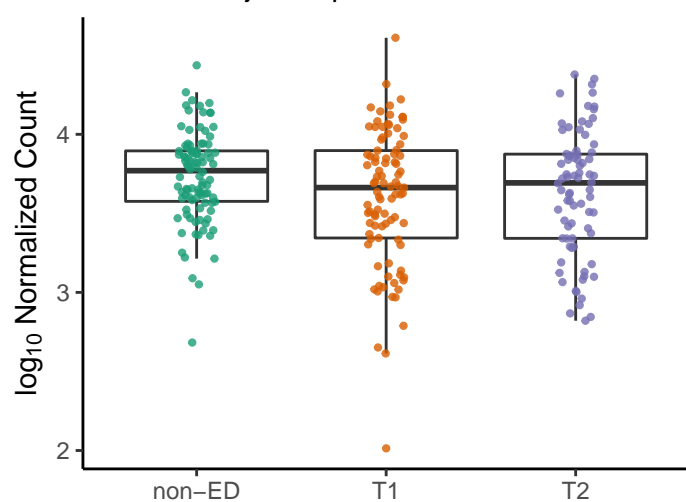
Deinococcales

non-ED vs. T1 adjusted $p = 0.062$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.69$



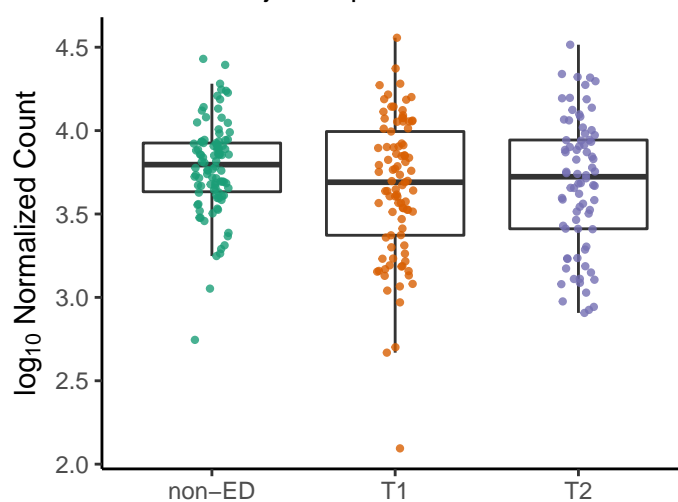
Micromonosporales

non-ED vs. T1 adjusted $p = 0.063$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



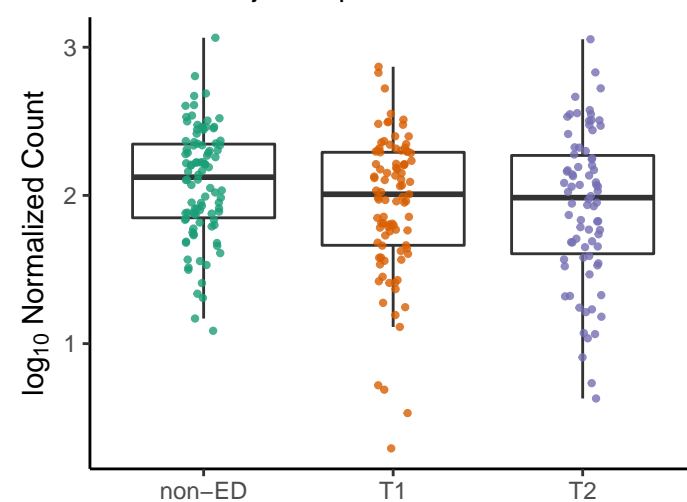
Pseudonocardiales

non-ED vs. T1 adjusted $p = 0.063$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



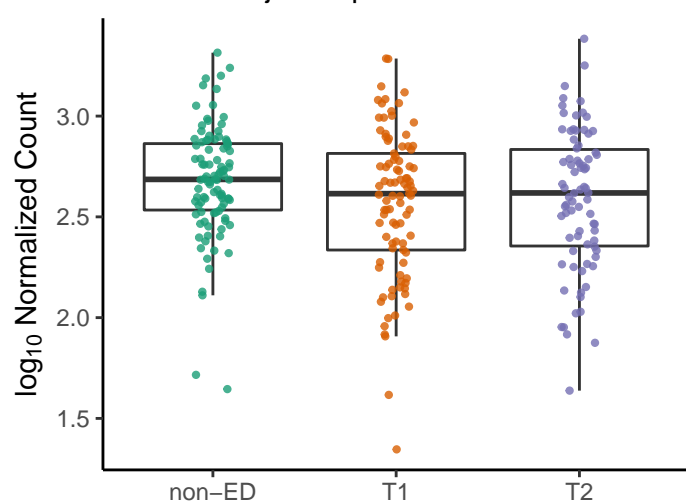
Actinopolysporales

non-ED vs. T1 adjusted $p = 0.068$
non-ED vs. T2 adjusted $p = 0.095$
T1 vs. T2 adjusted $p = 0.98$



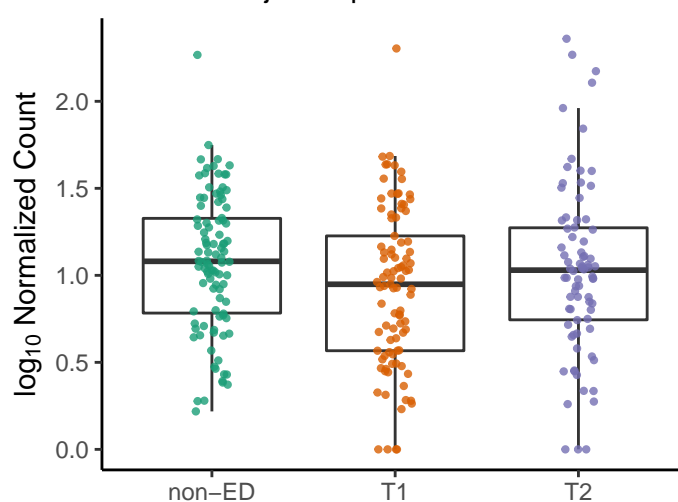
Chloroflexales

non-ED vs. T1 adjusted $p = 0.068$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



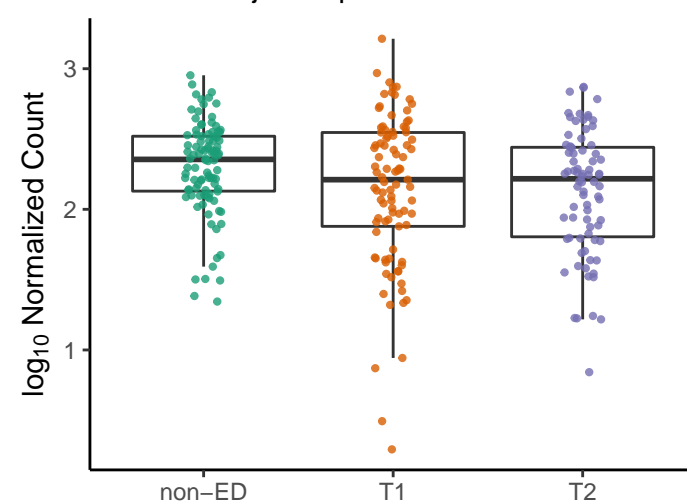
Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted $p = 0.068$
non-ED vs. T2 adjusted $p = 0.58$
T1 vs. T2 adjusted $p = 0.69$



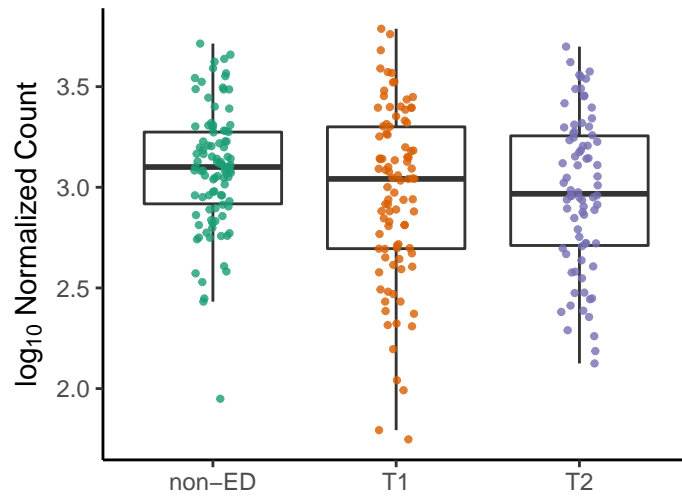
Euzebyales

non-ED vs. T1 adjusted $p = 0.068$
non-ED vs. T2 adjusted $p = 0.053$
T1 vs. T2 adjusted $p = 0.96$



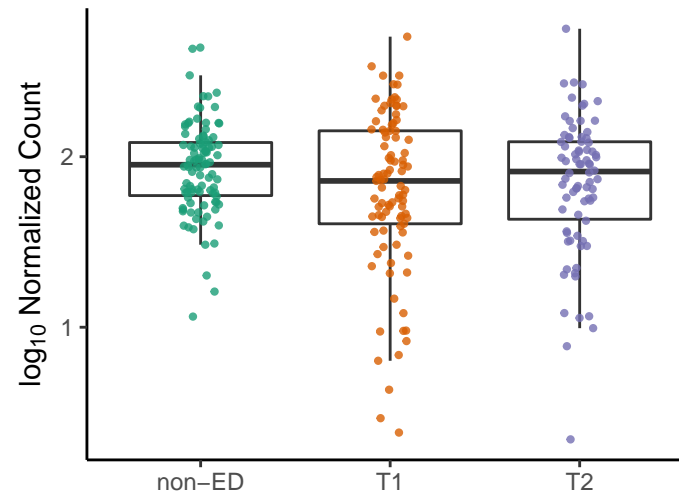
Opitutales

non-ED vs. T1 adjusted $p = 0.07$
non-ED vs. T2 adjusted $p = 0.097$
T1 vs. T2 adjusted $p = 0.82$



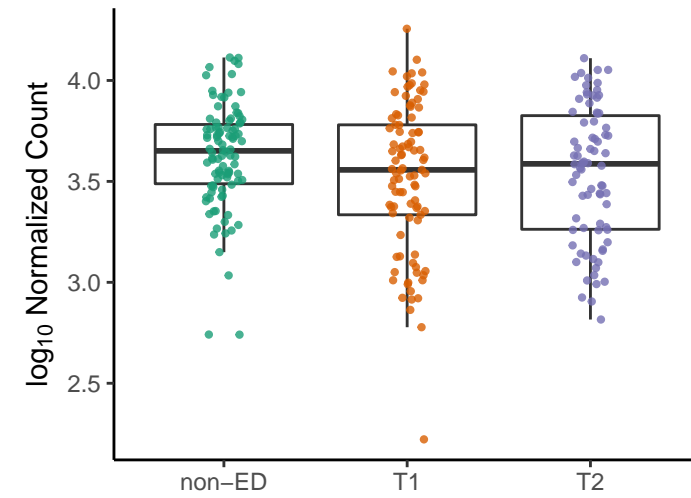
Acidilobales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.16$
T1 vs. T2 adjusted $p = 0.69$



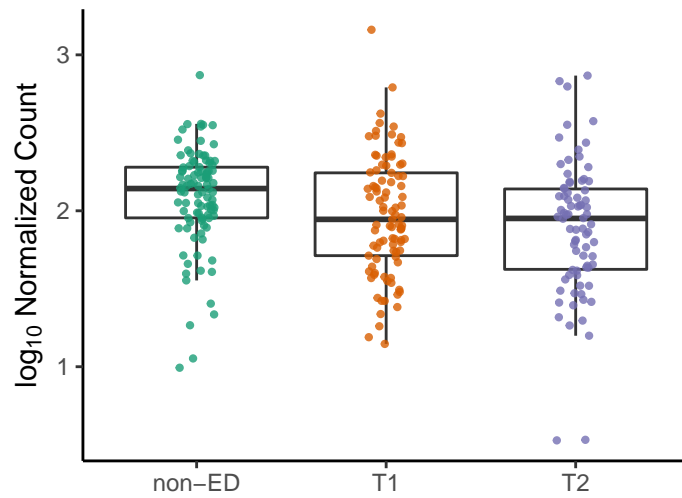
Chromatiales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



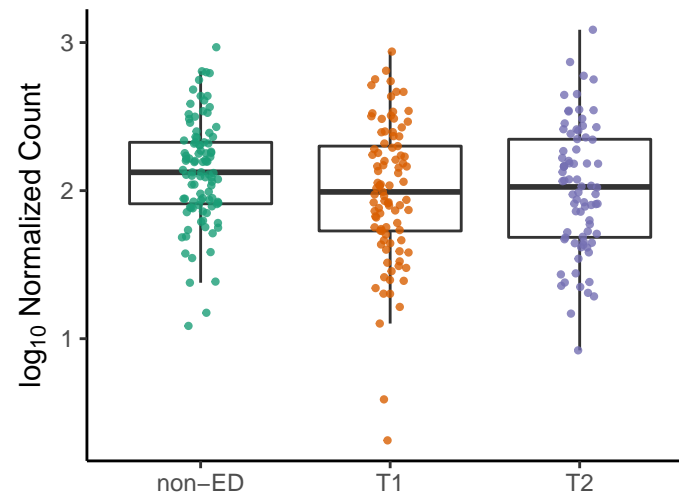
Dictyoglomales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.018$
T1 vs. T2 adjusted $p = 0.69$



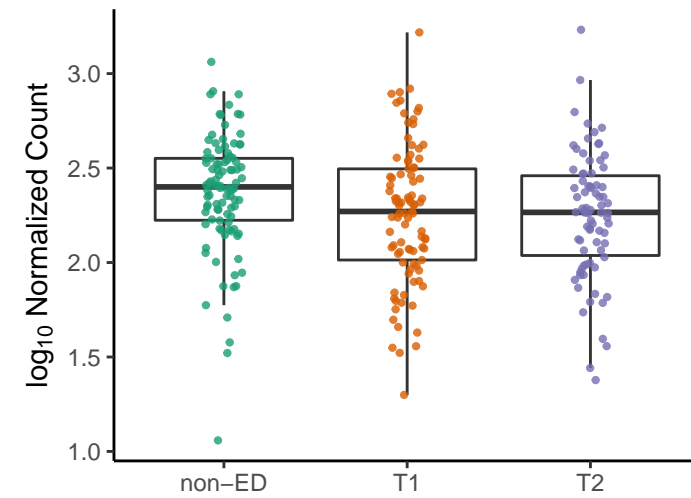
Kiritimatiellales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



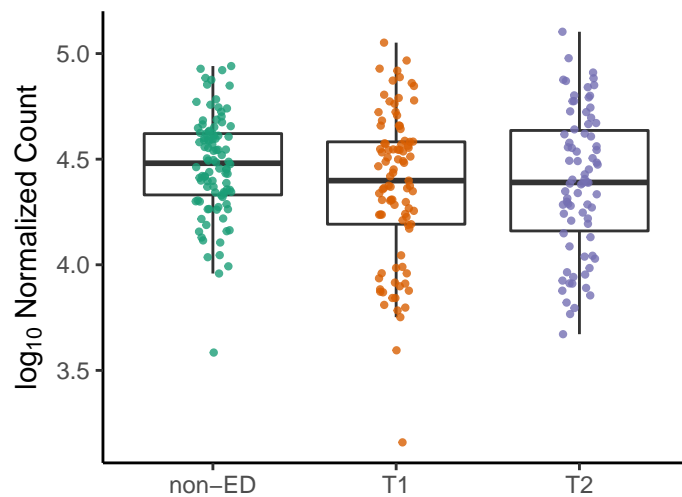
Orbales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.089$
T1 vs. T2 adjusted $p = 0.99$



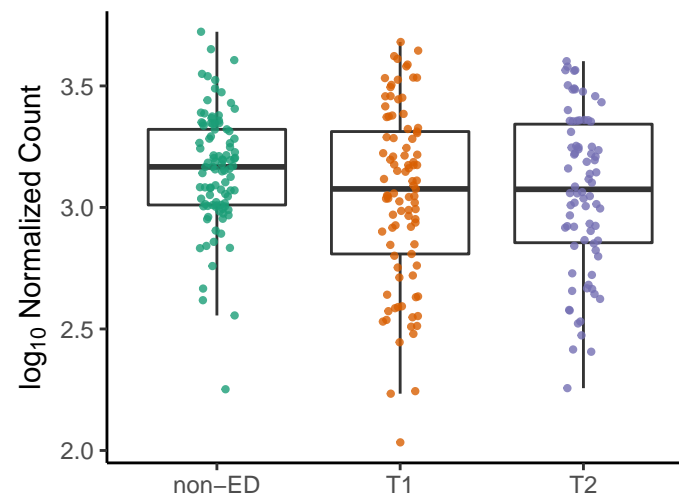
Rhizobiales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.15$
T1 vs. T2 adjusted $p = 0.69$



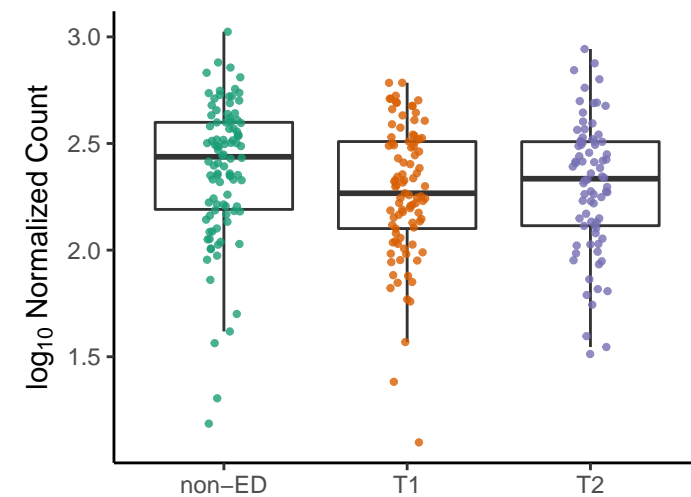
Acidobacteriales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.69$



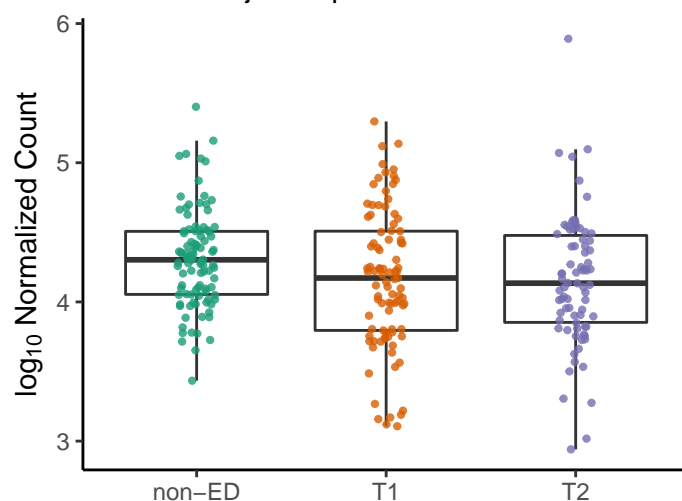
Parachlamydiales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



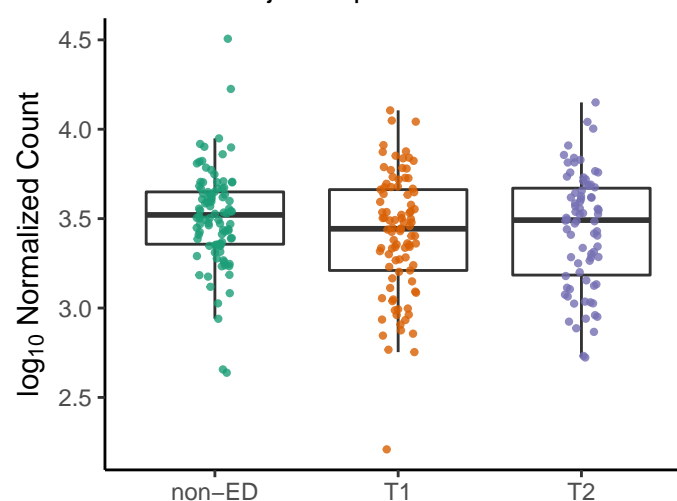
Actinomycetales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.092$
T1 vs. T2 adjusted $p = 0.86$



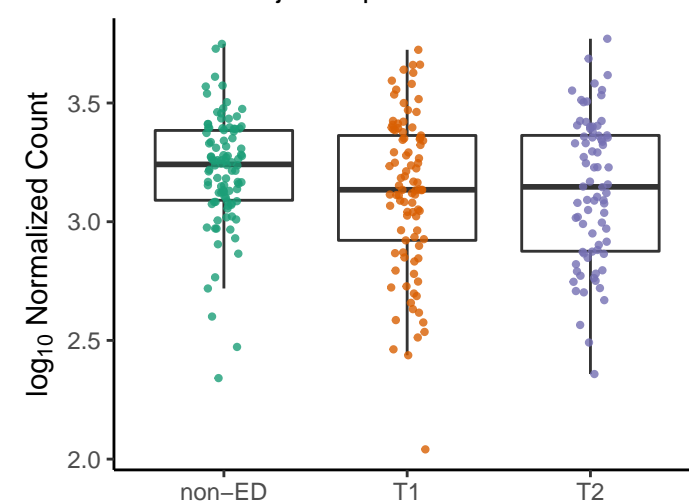
Aeromonadales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



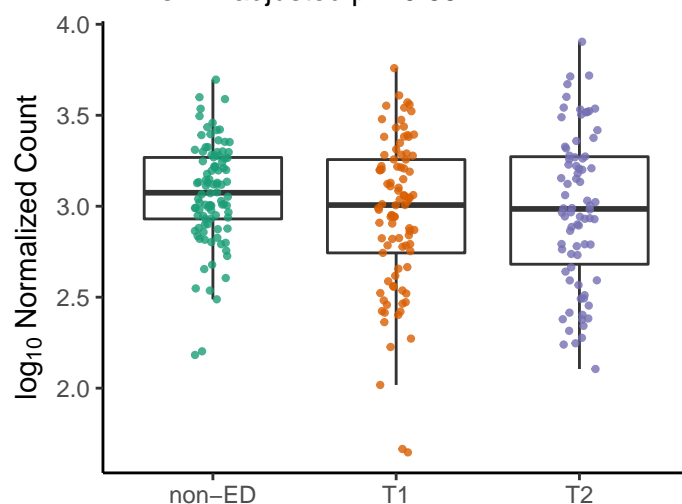
Chlorobiales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



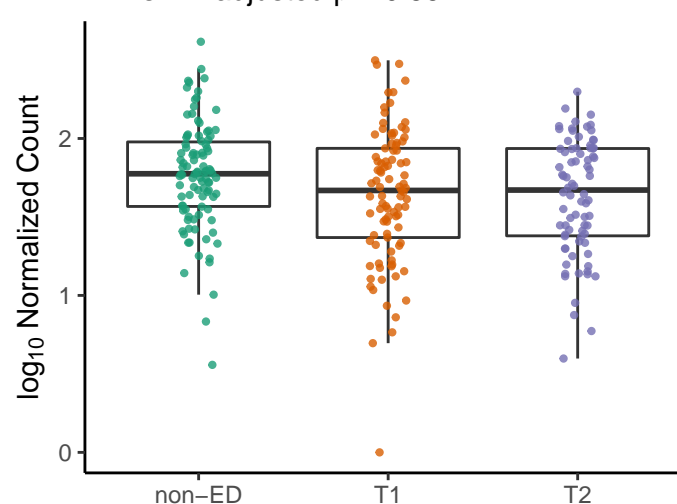
Halobacteriales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



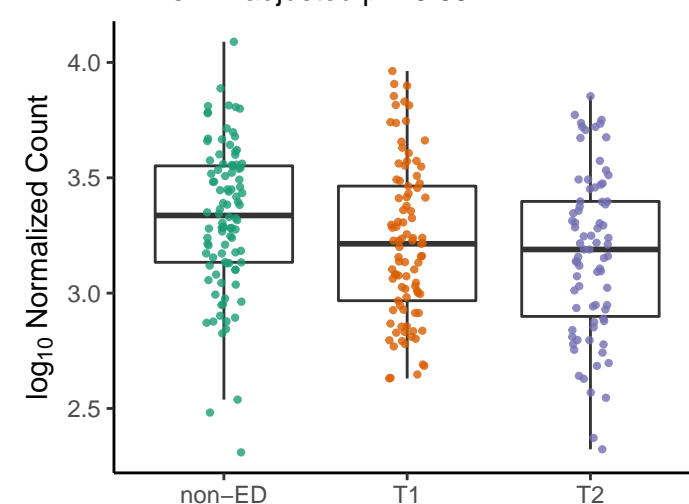
Mesoaciditogales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.076$
T1 vs. T2 adjusted $p = 0.86$



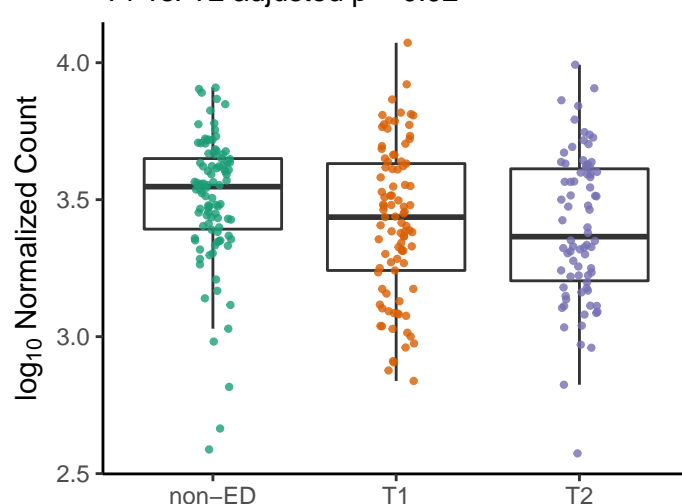
Mycoplasmatales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.031$
T1 vs. T2 adjusted $p = 0.69$



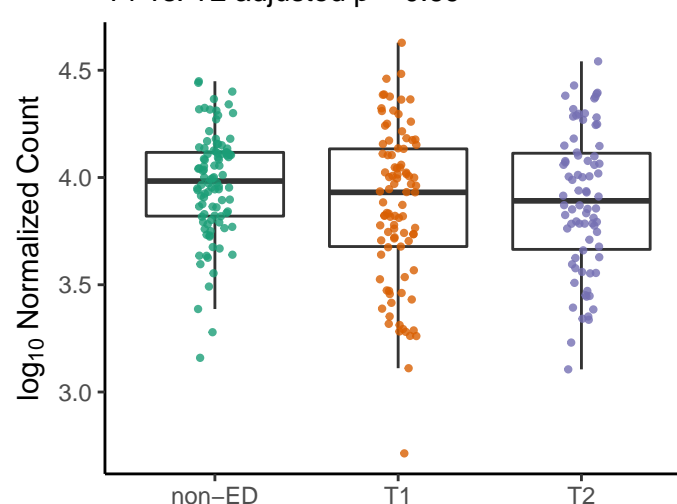
Nostocales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.061$
T1 vs. T2 adjusted $p = 0.92$



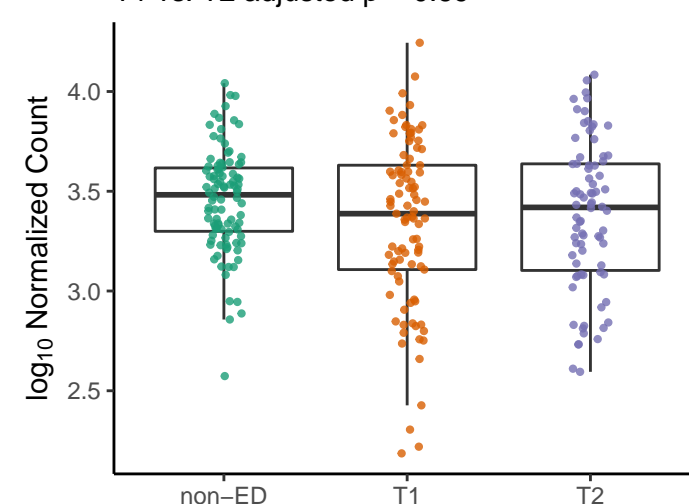
Rhodospirillales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.18$
T1 vs. T2 adjusted $p = 0.69$



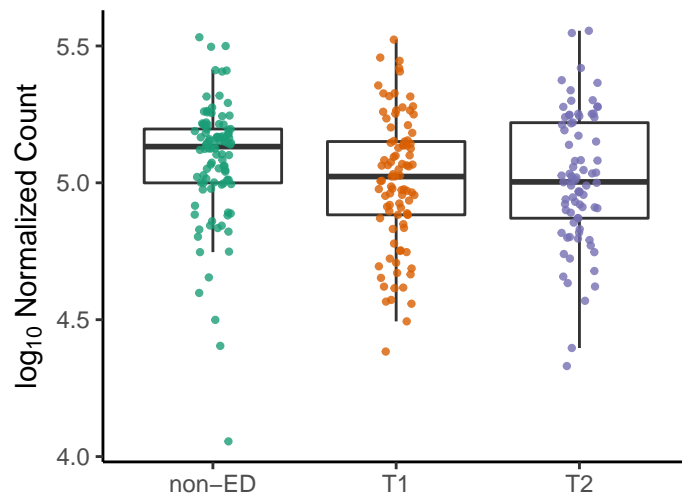
Streptosporangiales

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



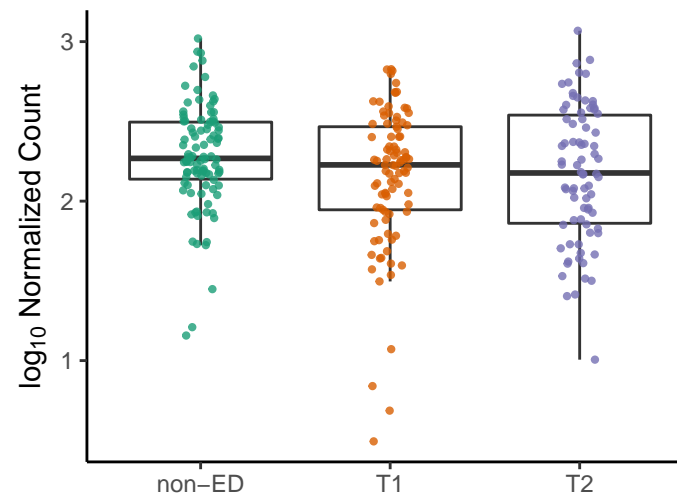
Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.85$



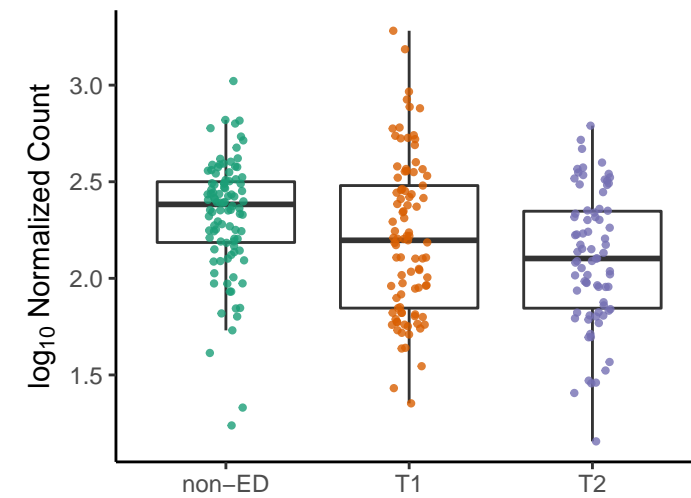
Unclassified Halobacteria Class

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.15$
T1 vs. T2 adjusted $p = 0.69$



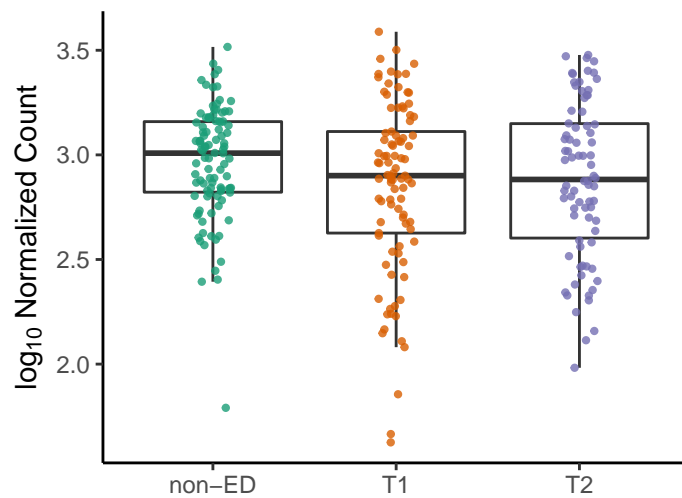
Unclassified Tissierellia Class

non-ED vs. T1 adjusted $p = 0.072$
non-ED vs. T2 adjusted $p = 0.00077$
T1 vs. T2 adjusted $p = 0.69$



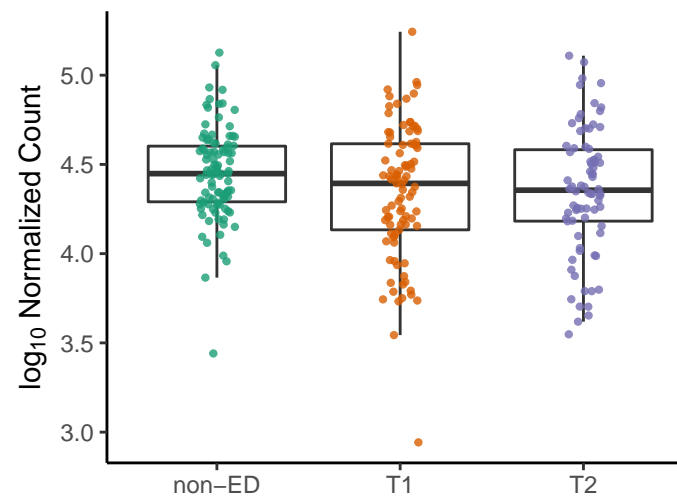
Bacteroidetes Order II. Incertae sedis

non-ED vs. T1 adjusted $p = 0.073$
non-ED vs. T2 adjusted $p = 0.19$
T1 vs. T2 adjusted $p = 0.69$



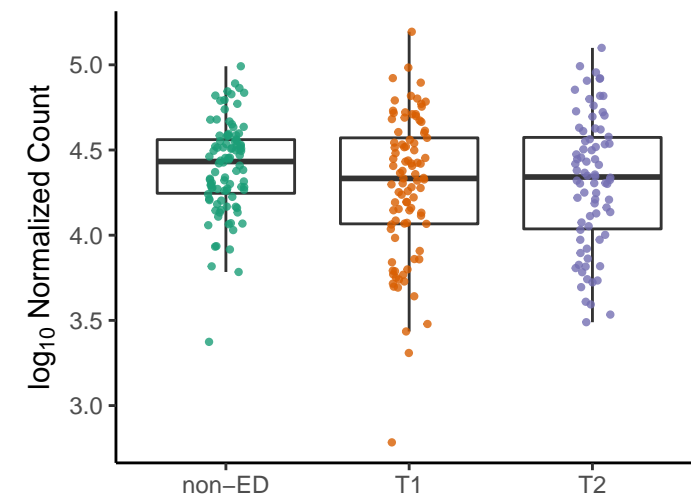
Micrococcales

non-ED vs. T1 adjusted $p = 0.073$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.75$



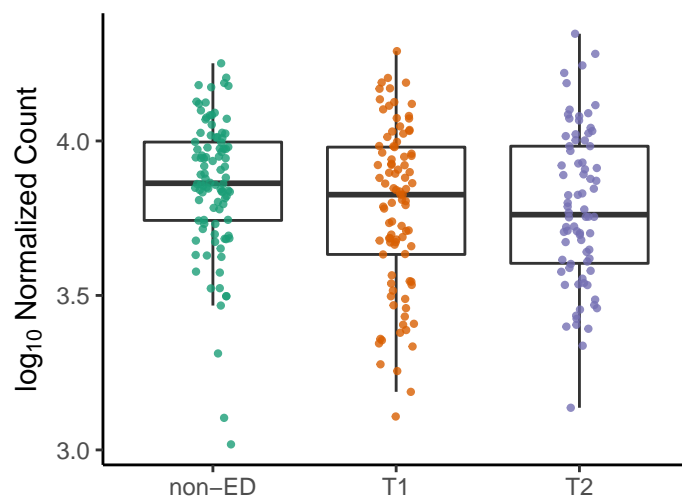
Streptomycetales

non-ED vs. T1 adjusted $p = 0.073$
non-ED vs. T2 adjusted $p = 0.19$
T1 vs. T2 adjusted $p = 0.69$



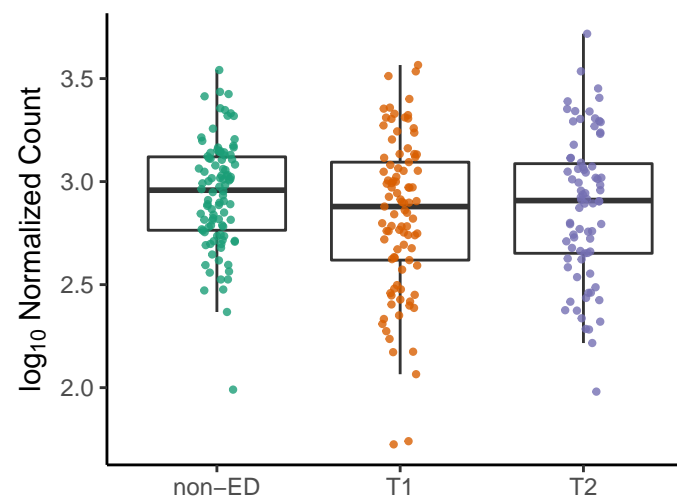
Alteromonadales

non-ED vs. T1 adjusted $p = 0.083$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.83$



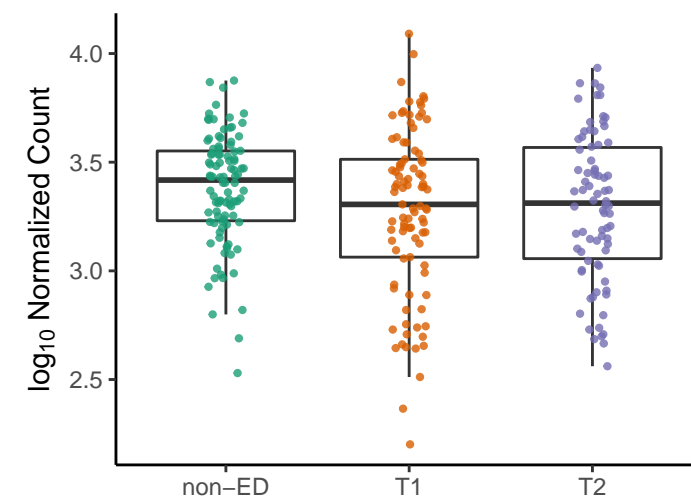
Natrialbales

non-ED vs. T1 adjusted $p = 0.087$
non-ED vs. T2 adjusted $p = 0.29$
T1 vs. T2 adjusted $p = 0.69$



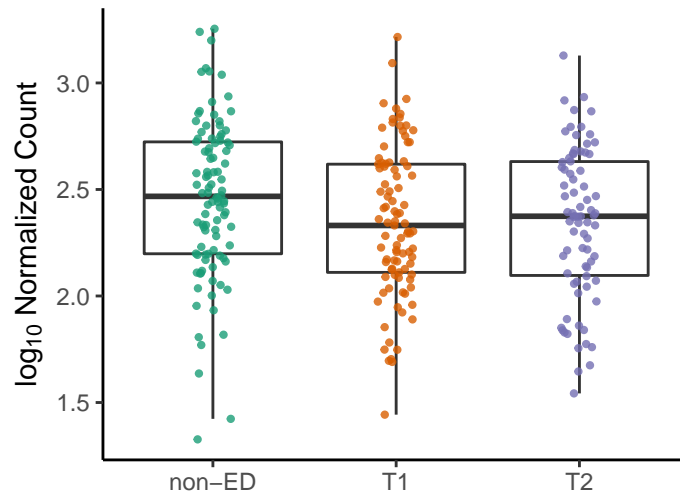
Rhodocyclales

non-ED vs. T1 adjusted $p = 0.09$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.69$



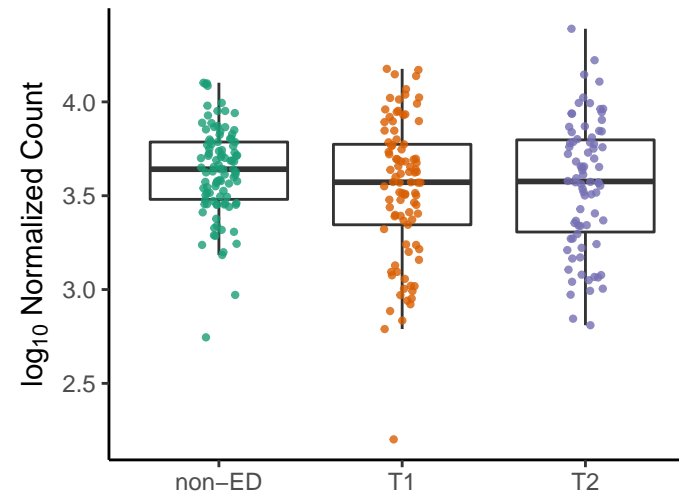
Unclassified Negativicutes Class

non-ED vs. T1 adjusted $p = 0.09$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.86$



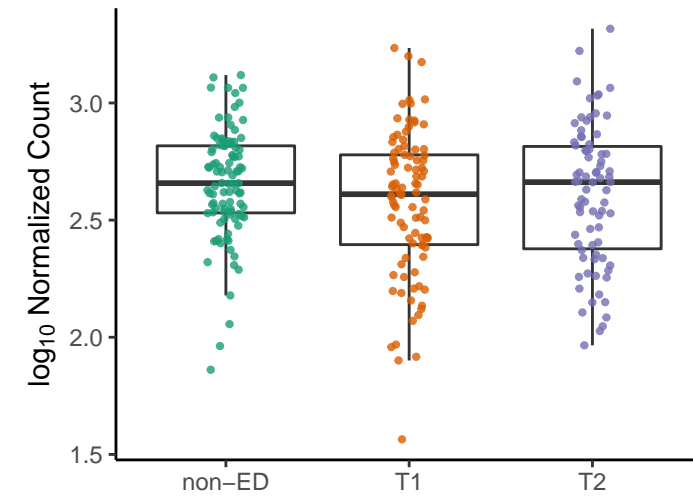
Desulfuromonadales

non-ED vs. T1 adjusted $p = 0.092$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



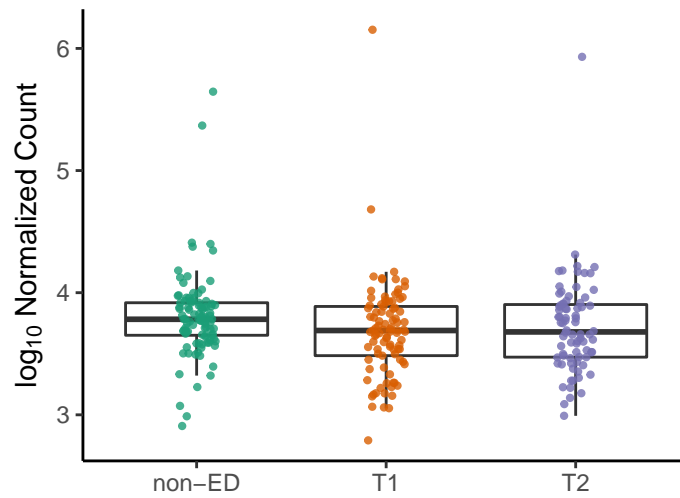
Sedimentisphaerales

non-ED vs. T1 adjusted $p = 0.093$
non-ED vs. T2 adjusted $p = 0.32$
T1 vs. T2 adjusted $p = 0.69$



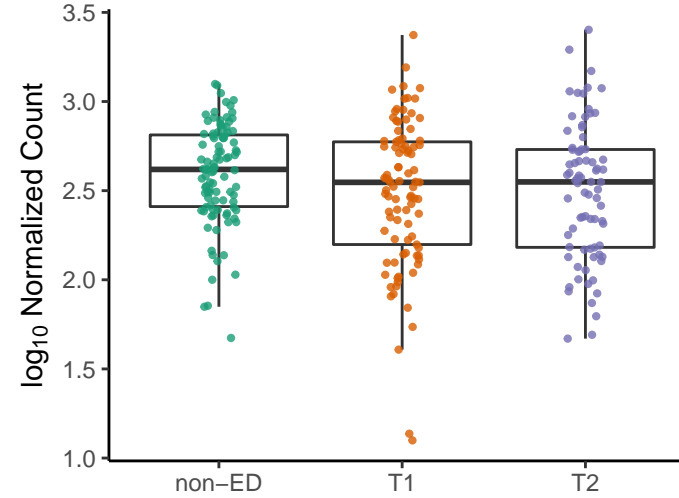
Selenomonadales

non-ED vs. T1 adjusted $p = 0.093$
non-ED vs. T2 adjusted $p = 0.22$
T1 vs. T2 adjusted $p = 0.69$



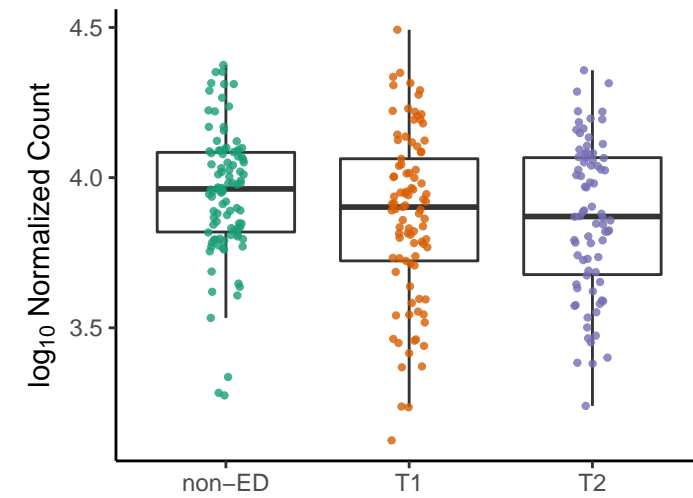
Bradymonadales

non-ED vs. T1 adjusted $p = 0.095$
non-ED vs. T2 adjusted $p = 0.14$
T1 vs. T2 adjusted $p = 0.74$



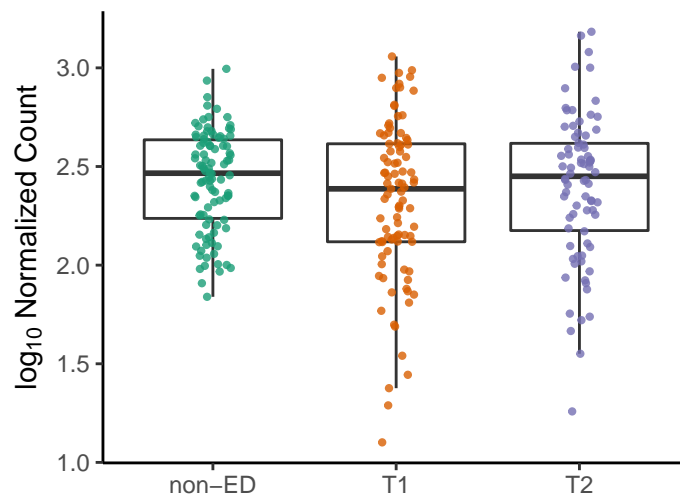
Unclassified Gammaproteobacteria Class

non-ED vs. T1 adjusted $p = 0.095$
non-ED vs. T2 adjusted $p = 0.095$
T1 vs. T2 adjusted $p = 0.73$



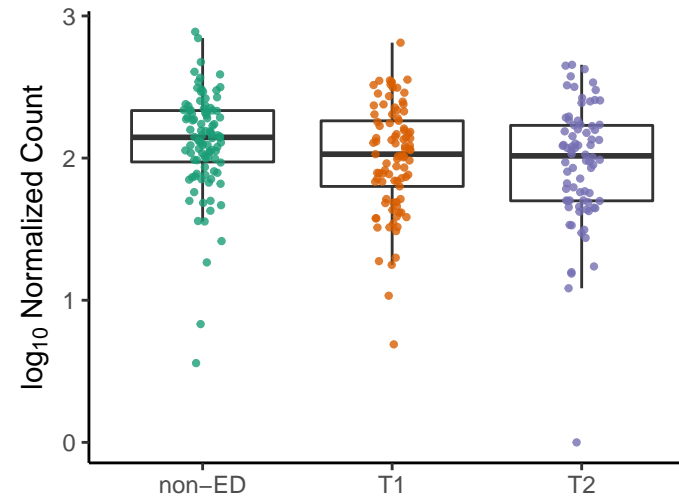
Nakamurellales

non-ED vs. T1 adjusted $p = 0.096$
non-ED vs. T2 adjusted $p = 0.56$
T1 vs. T2 adjusted $p = 0.69$



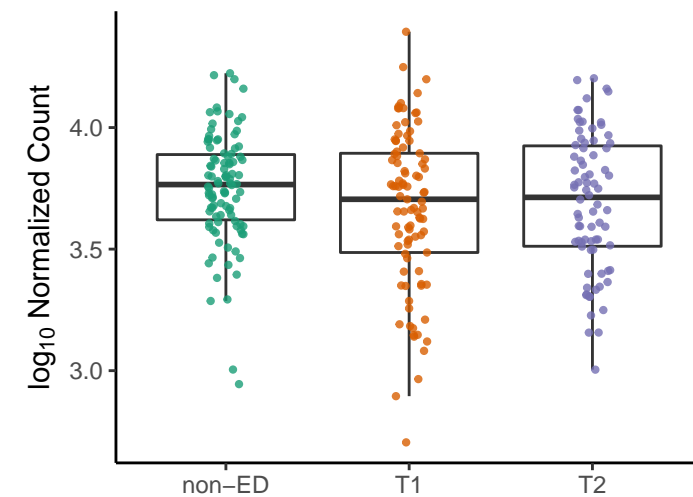
Nitrosopumilales

non-ED vs. T1 adjusted $p = 0.096$
non-ED vs. T2 adjusted $p = 0.07$
T1 vs. T2 adjusted $p = 0.69$



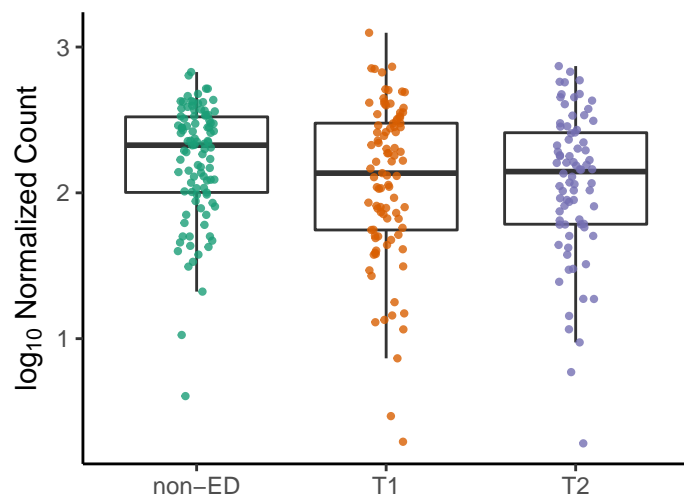
Oceanospirillales

non-ED vs. T1 adjusted $p = 0.096$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



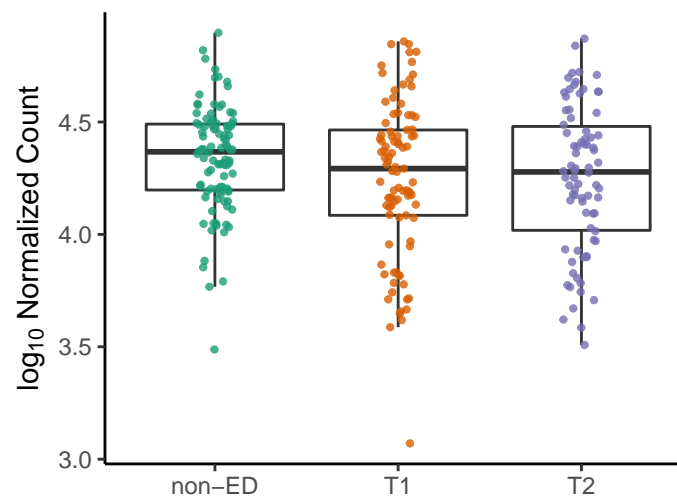
Phycisphaerales

non-ED vs. T1 adjusted $p = 0.096$
non-ED vs. T2 adjusted $p = 0.097$
T1 vs. T2 adjusted $p = 0.96$



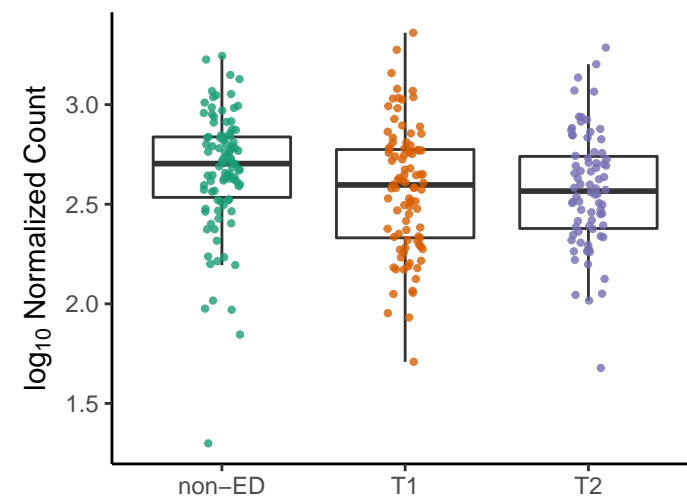
Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted $p = 0.096$
non-ED vs. T2 adjusted $p = 0.13$
T1 vs. T2 adjusted $p = 0.69$



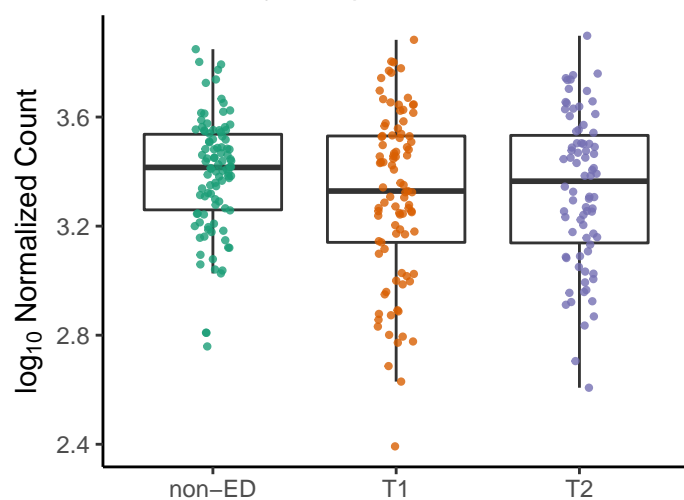
Deferribacterales

non-ED vs. T1 adjusted $p = 0.098$
non-ED vs. T2 adjusted $p = 0.11$
T1 vs. T2 adjusted $p = 0.96$



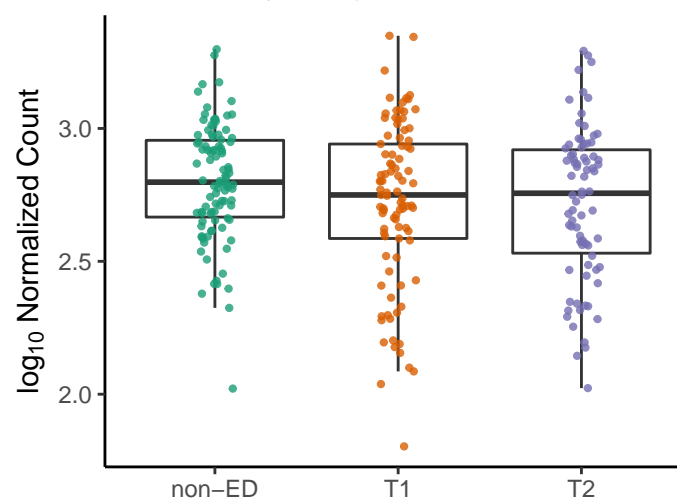
Nitrosomonadales

non-ED vs. T1 adjusted $p = 0.098$
non-ED vs. T2 adjusted $p = 0.21$
T1 vs. T2 adjusted $p = 0.69$



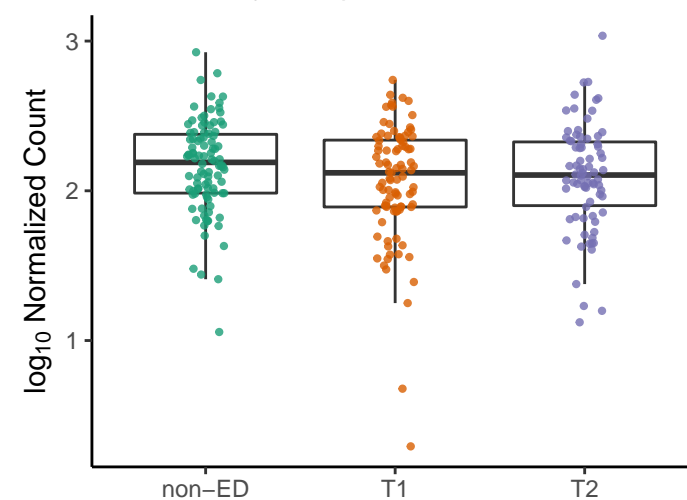
Sordariales

non-ED vs. T1 adjusted $p = 0.098$
non-ED vs. T2 adjusted $p = 0.12$
T1 vs. T2 adjusted $p = 0.92$



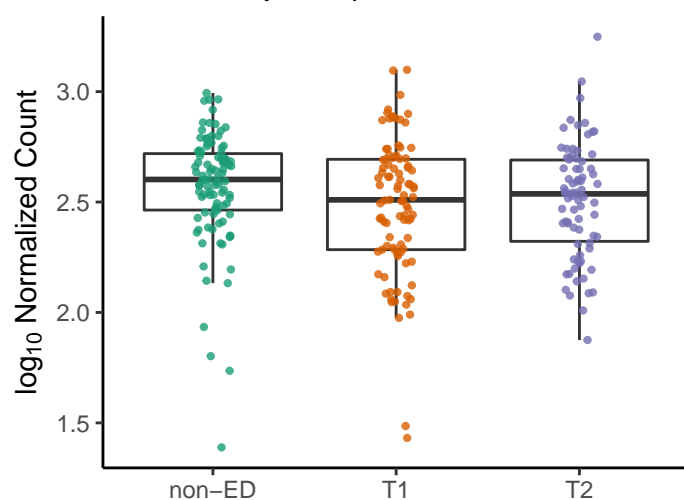
Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted $p = 0.1$
non-ED vs. T2 adjusted $p = 0.26$
T1 vs. T2 adjusted $p = 0.69$



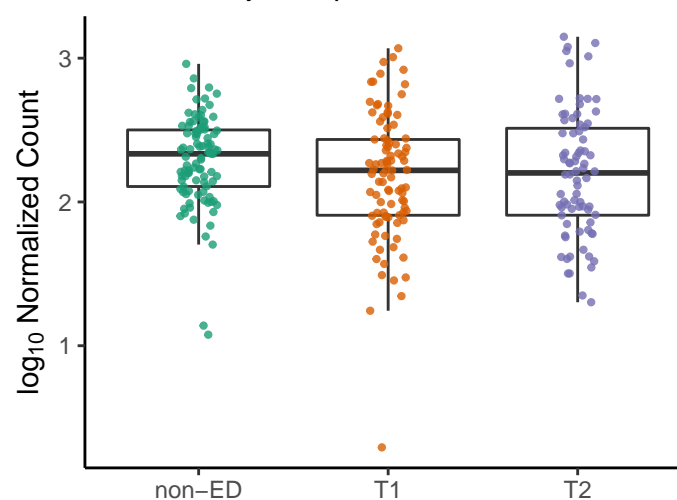
Bdellovibrionales

non-ED vs. T1 adjusted $p = 0.1$
non-ED vs. T2 adjusted $p = 0.2$
T1 vs. T2 adjusted $p = 0.69$



Caldilineales

non-ED vs. T1 adjusted $p = 0.1$
non-ED vs. T2 adjusted $p = 0.19$
T1 vs. T2 adjusted $p = 0.69$



Tissierellales

non-ED vs. T1 adjusted $p = 0.1$
non-ED vs. T2 adjusted $p = 0.088$
T1 vs. T2 adjusted $p = 0.92$

