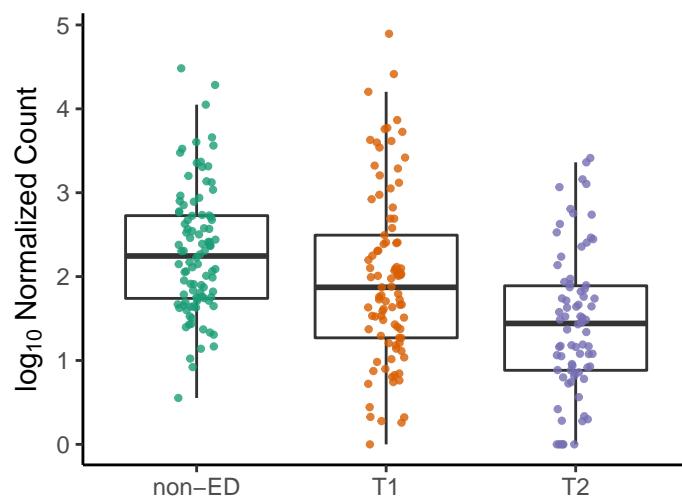


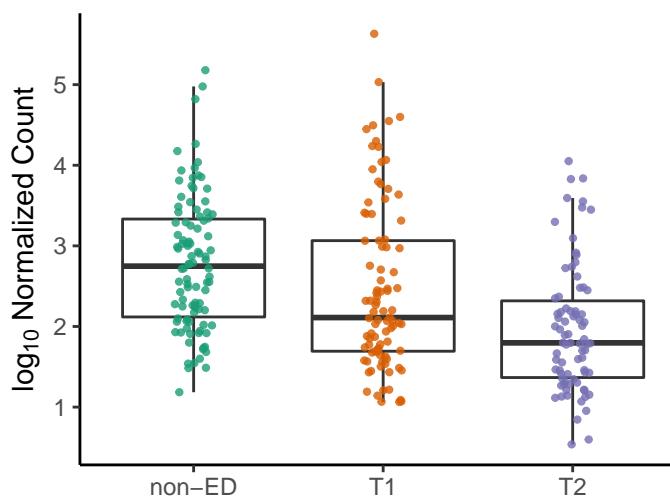
### *Shigella dysenteriae*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 5.5e-07  
 T1 vs. T2 adjusted p = 0.017



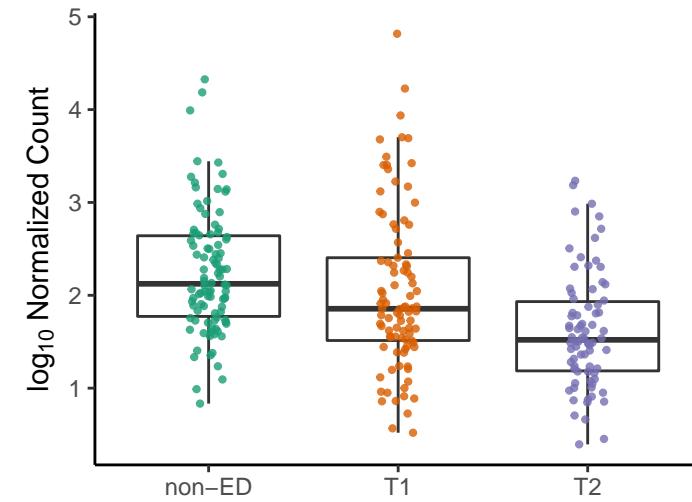
### Unclassified Escherichia Genus

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 6.7e-07  
 T1 vs. T2 adjusted p = 0.045



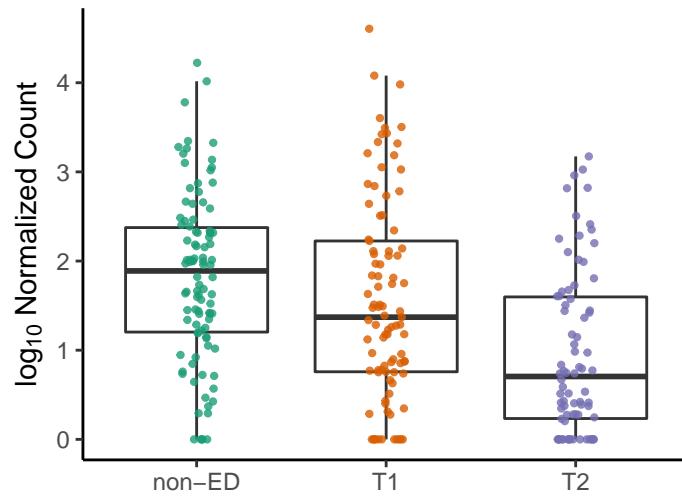
### *Escherichia marmotae*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 1.1e-06  
 T1 vs. T2 adjusted p = 0.035



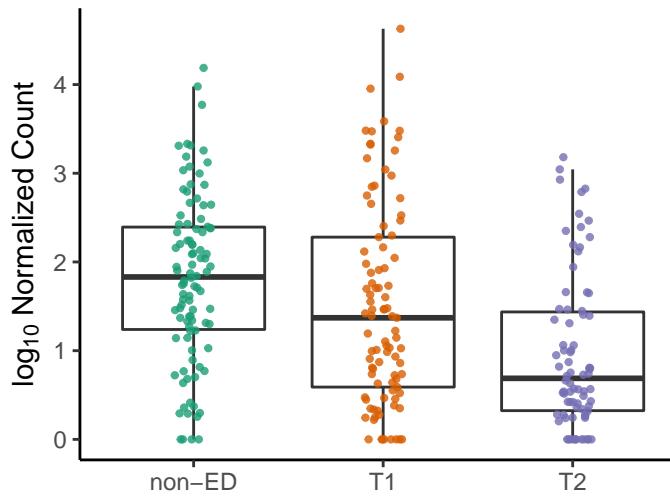
### *Shigella boydii*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 4.3e-06  
 T1 vs. T2 adjusted p = 0.015



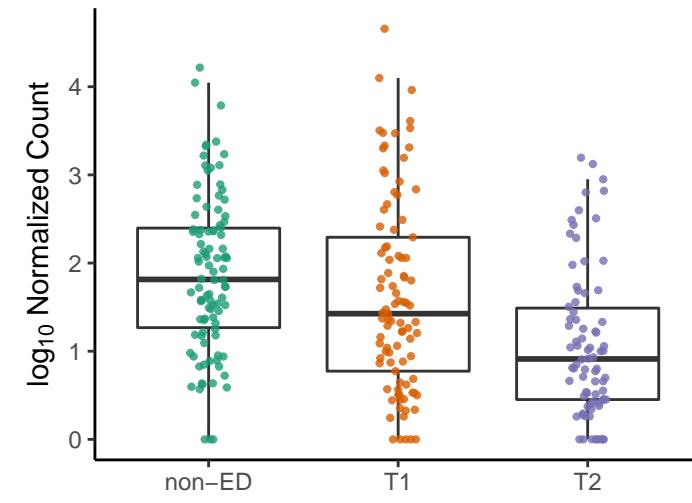
### Unclassified Shigella Genus

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 4.3e-06  
 T1 vs. T2 adjusted p = 0.017



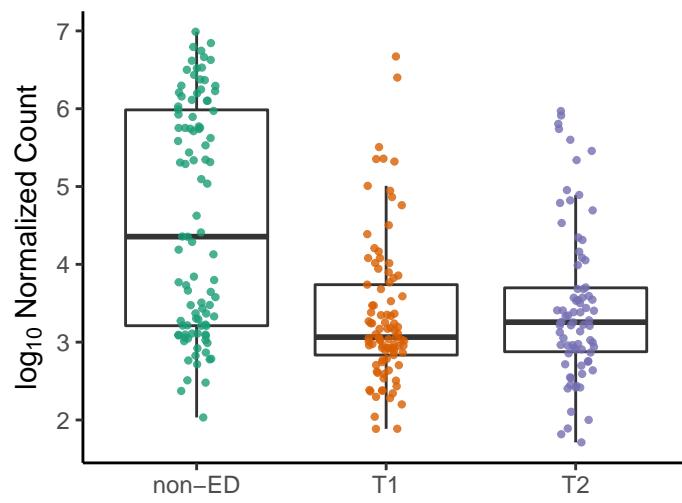
### *Shigella flexneri*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 5.2e-06  
 T1 vs. T2 adjusted p = 0.017



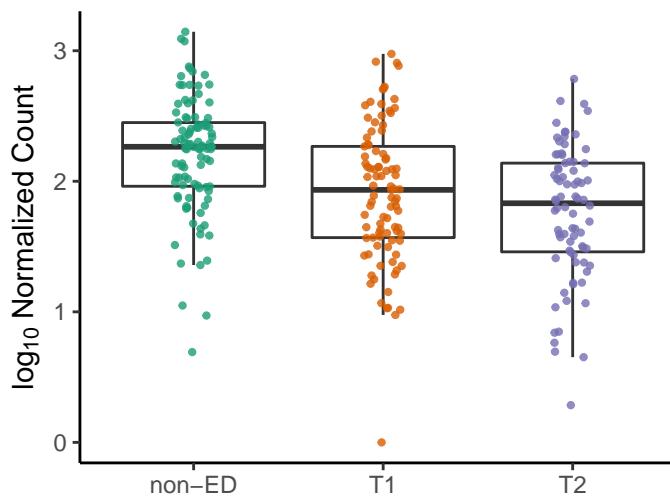
### *Bifidobacterium adolescentis*

non-ED vs. T1 adjusted p = 2e-07  
 non-ED vs. T2 adjusted p = 5.9e-06  
 T1 vs. T2 adjusted p = 0.71



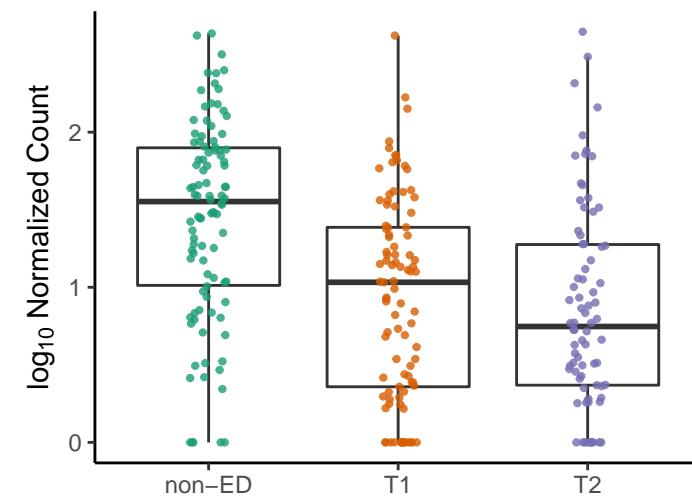
### *Gemella haemolysans*

non-ED vs. T1 adjusted p = 0.0016  
 non-ED vs. T2 adjusted p = 5.9e-06  
 T1 vs. T2 adjusted p = 0.54

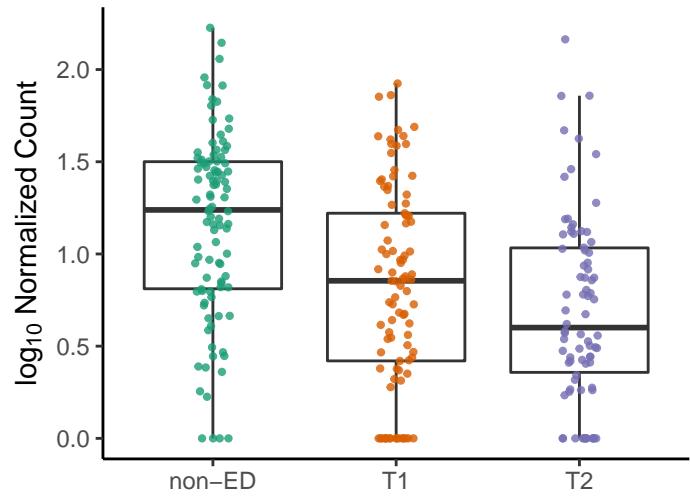


### *Methanoculleus bourgensis*

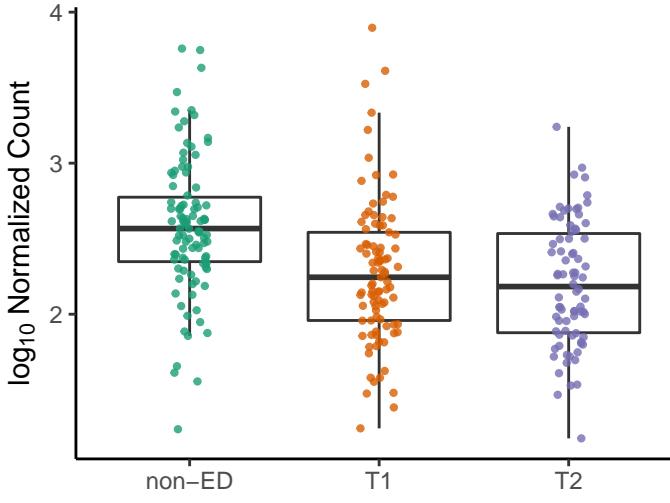
non-ED vs. T1 adjusted p = 2.7e-05  
 non-ED vs. T2 adjusted p = 8.5e-06  
 T1 vs. T2 adjusted p = 0.89



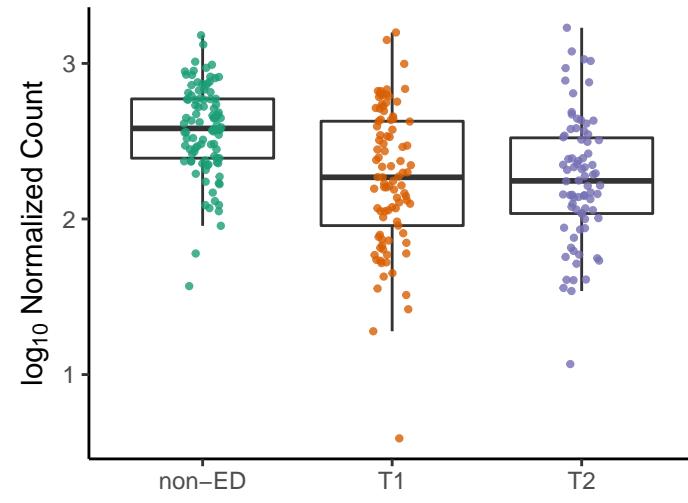
**Pseudoalteromonas agarivorans**  
non-ED vs. T1 adjusted p = 0.00078  
non-ED vs. T2 adjusted p = 8.5e-06  
T1 vs. T2 adjusted p = 0.61



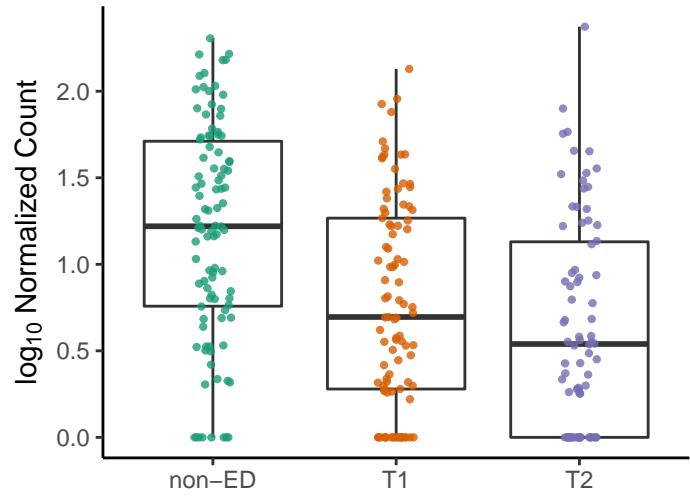
**Peptostreptococcaceae bacterium oral ta**  
non-ED vs. T1 adjusted p = 0.00055  
non-ED vs. T2 adjusted p = 1.1e-05  
T1 vs. T2 adjusted p = 0.68



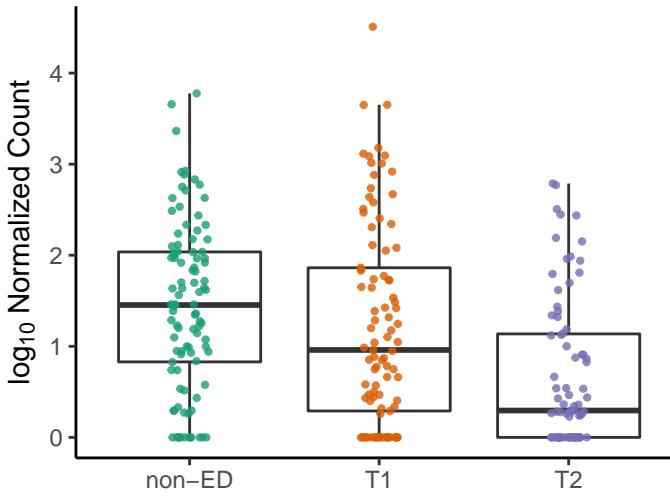
**Unclassified Candidatus Saccharibacteri**  
non-ED vs. T1 adjusted p = 1.2e-05  
non-ED vs. T2 adjusted p = 1.1e-05  
T1 vs. T2 adjusted p = 1



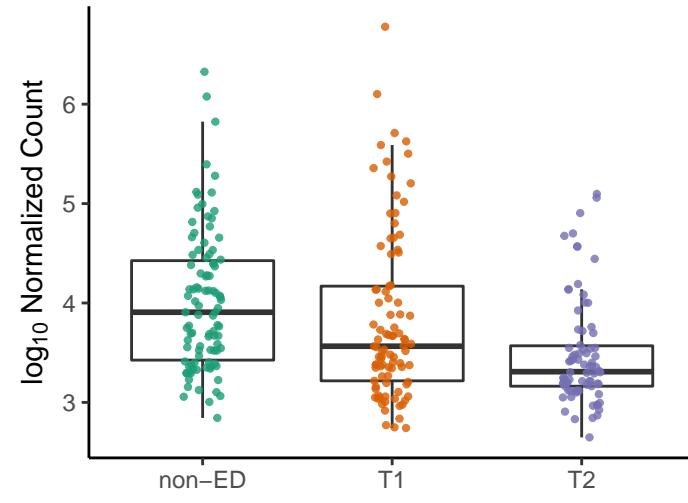
**Nonlabens sp. MIC269**  
non-ED vs. T1 adjusted p = 0.00037  
non-ED vs. T2 adjusted p = 1.3e-05  
T1 vs. T2 adjusted p = 0.63



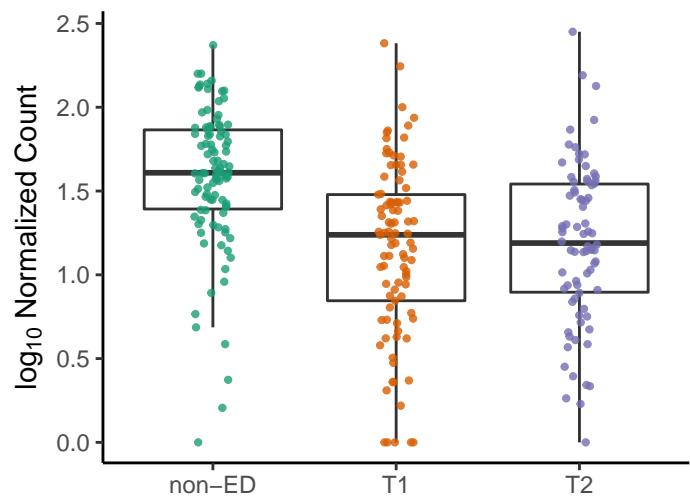
**Shigella sonnei**  
non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 1.5e-05  
T1 vs. T2 adjusted p = 0.015



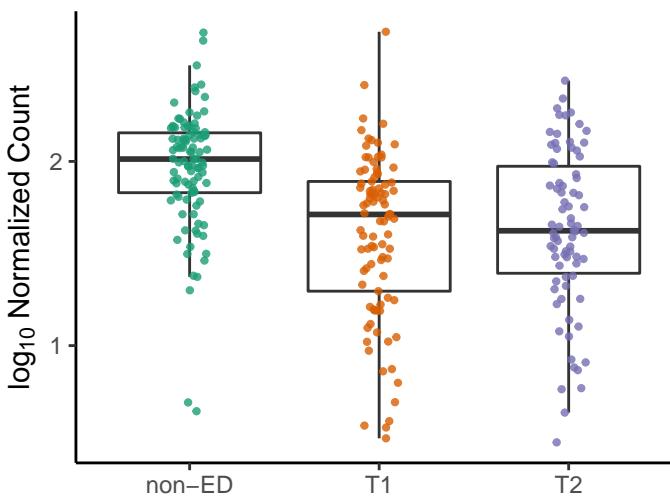
**Escherichia coli**  
non-ED vs. T1 adjusted p = 0.22  
non-ED vs. T2 adjusted p = 2.3e-05  
T1 vs. T2 adjusted p = 0.1



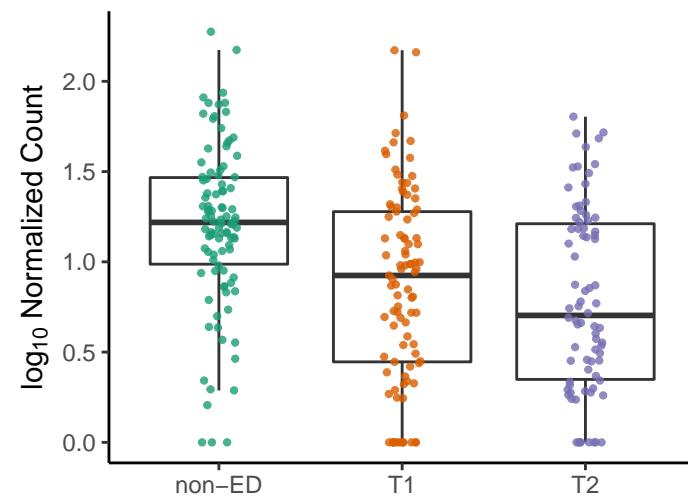
**Candidatus Rickettsiella viridis**  
non-ED vs. T1 adjusted p = 3e-06  
non-ED vs. T2 adjusted p = 2.4e-05  
T1 vs. T2 adjusted p = 0.84



**Candidatus Planktophila versatilis**  
non-ED vs. T1 adjusted p = 1.8e-06  
non-ED vs. T2 adjusted p = 2.6e-05  
T1 vs. T2 adjusted p = 0.77

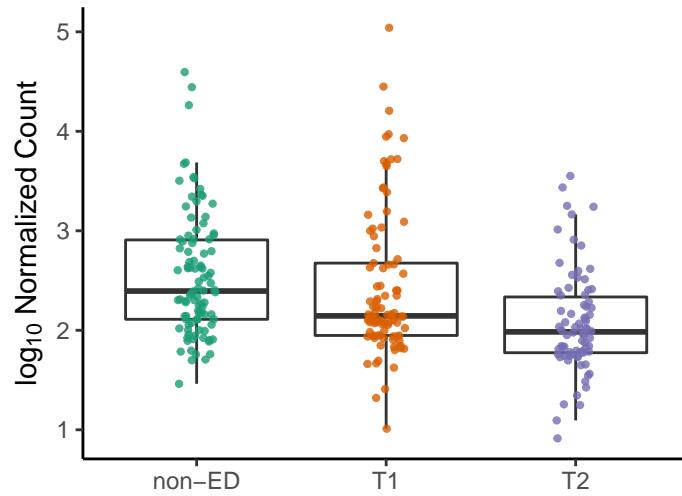


**Candidatus Nesciobacter abundans**  
non-ED vs. T1 adjusted p = 0.00045  
non-ED vs. T2 adjusted p = 2.8e-05  
T1 vs. T2 adjusted p = 0.77



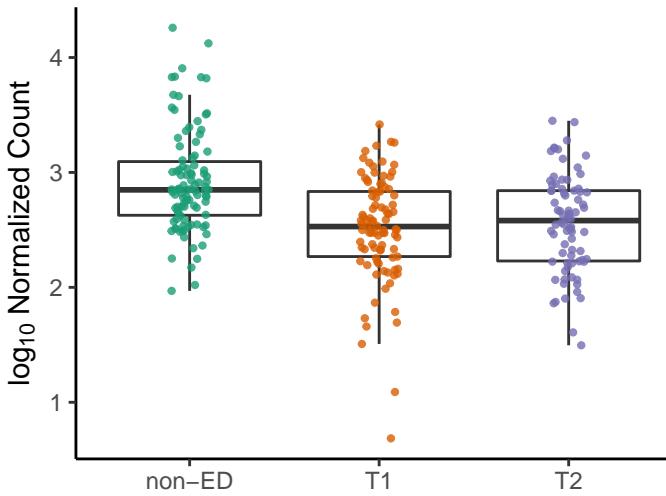
### *Escherichia albertii*

non-ED vs. T1 adjusted p = 0.39  
 non-ED vs. T2 adjusted p = 2.8e-05  
 T1 vs. T2 adjusted p = 0.034



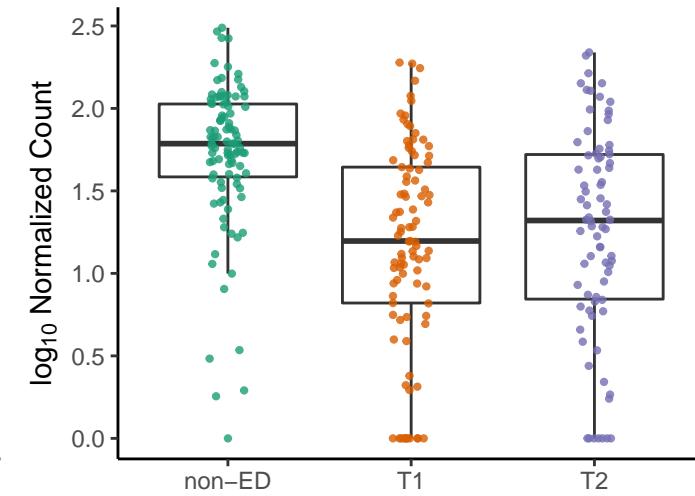
### *Bifidobacterium thermophilum*

non-ED vs. T1 adjusted p = 2.4e-06  
 non-ED vs. T2 adjusted p = 3.8e-05  
 T1 vs. T2 adjusted p = 0.74



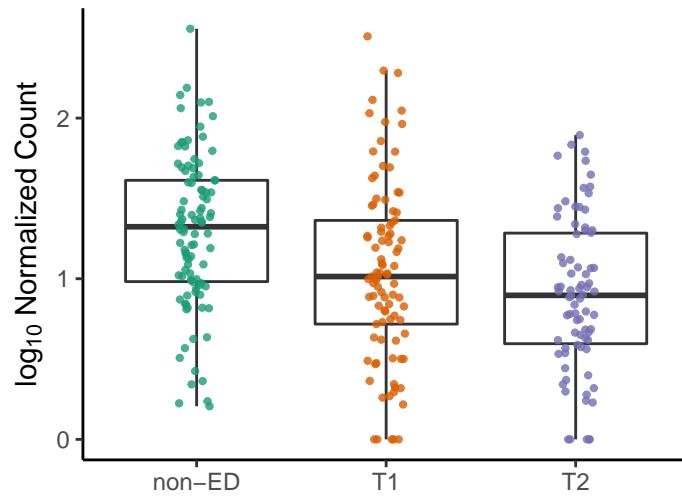
### *Blattabacterium clevelandi*

non-ED vs. T1 adjusted p = 2e-07  
 non-ED vs. T2 adjusted p = 4e-05  
 T1 vs. T2 adjusted p = 0.73



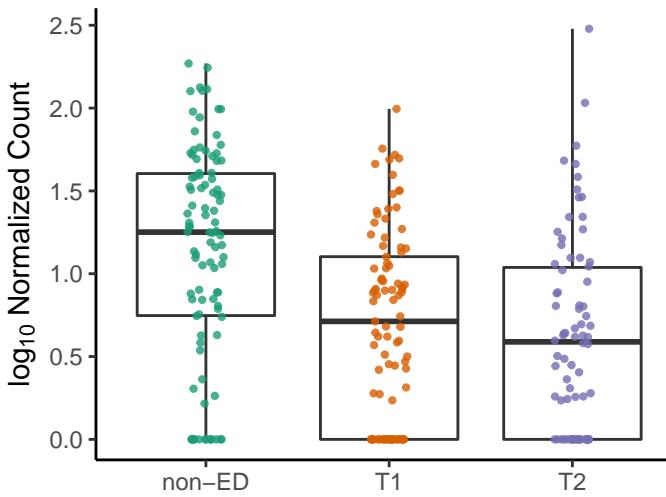
### *Spiroplasma apis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 4.4e-05  
 T1 vs. T2 adjusted p = 0.63



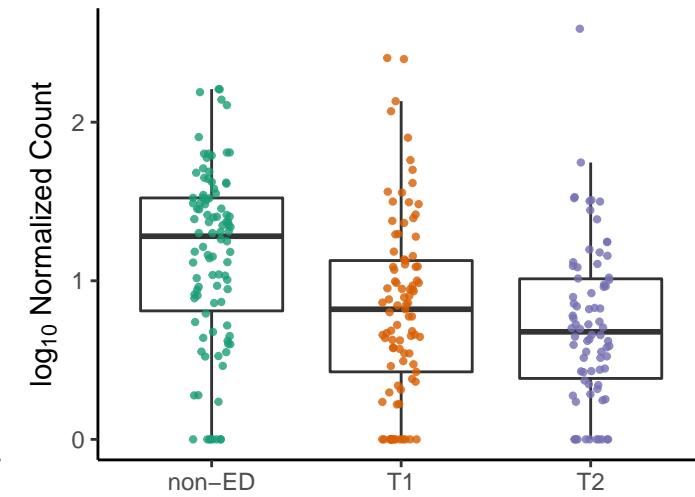
### Unclassified Desulfobacterales Order

non-ED vs. T1 adjusted p = 0.00019  
 non-ED vs. T2 adjusted p = 4.8e-05  
 T1 vs. T2 adjusted p = 0.78



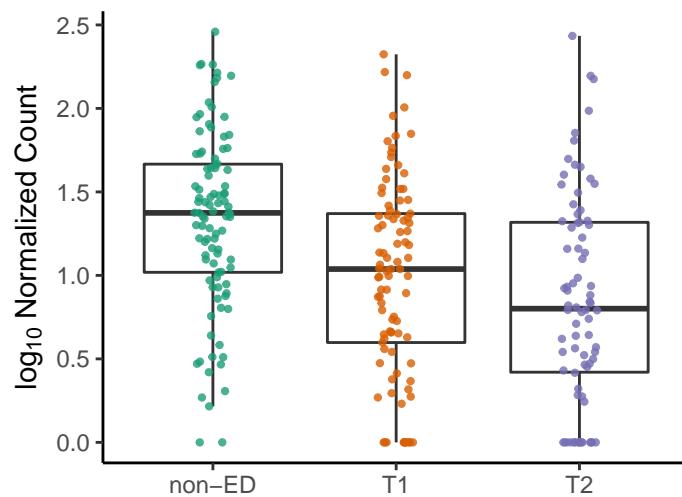
### Unclassified Methylacidiphilum Genus

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 4.8e-05  
 T1 vs. T2 adjusted p = 0.75



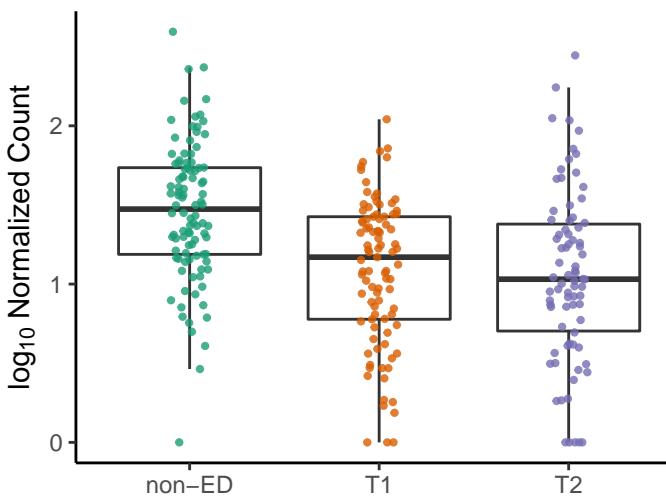
### *Aeromonas* sp. ASNIH5

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 5.1e-05  
 T1 vs. T2 adjusted p = 0.7



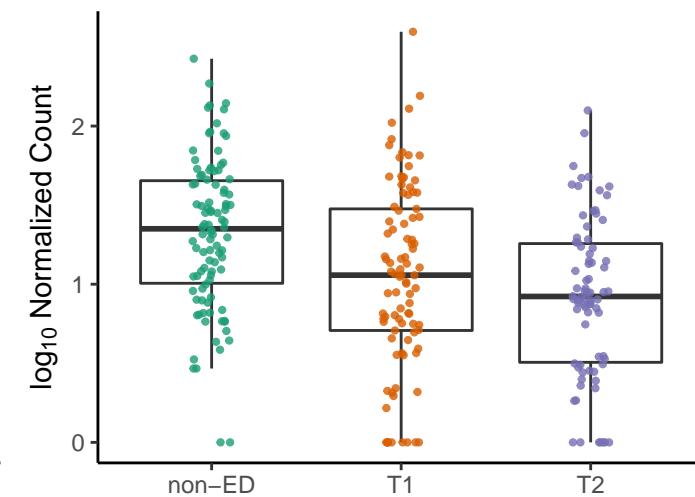
### *Aurantimicrobium minutum*

non-ED vs. T1 adjusted p = 7e-06  
 non-ED vs. T2 adjusted p = 5.4e-05  
 T1 vs. T2 adjusted p = 0.98



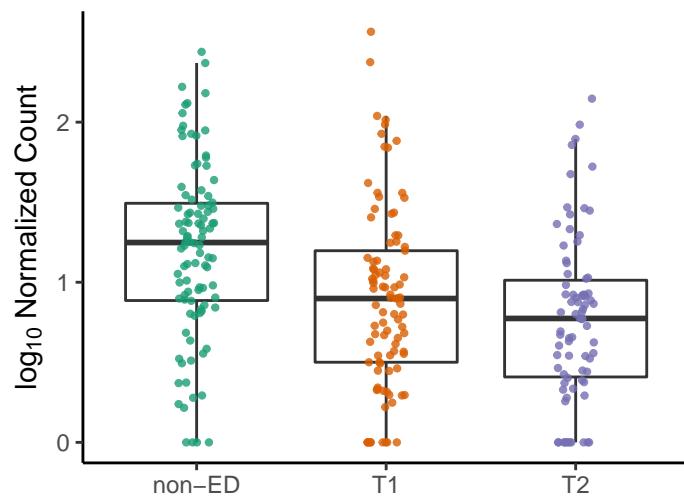
### *Rickettsia bellii*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 5.4e-05  
 T1 vs. T2 adjusted p = 0.68



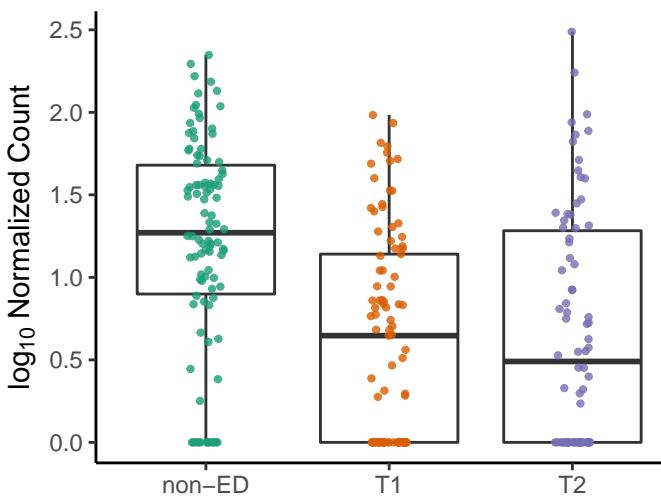
### Entomoplasma somnilux

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 5.9e-05  
T1 vs. T2 adjusted p = 0.67



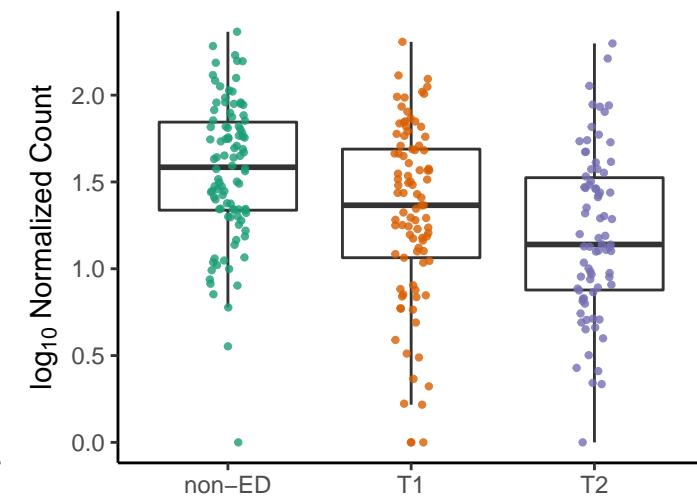
### Unclassified Xylella Genus

non-ED vs. T1 adjusted p = 1.9e-06  
non-ED vs. T2 adjusted p = 6.3e-05  
T1 vs. T2 adjusted p = 0.89



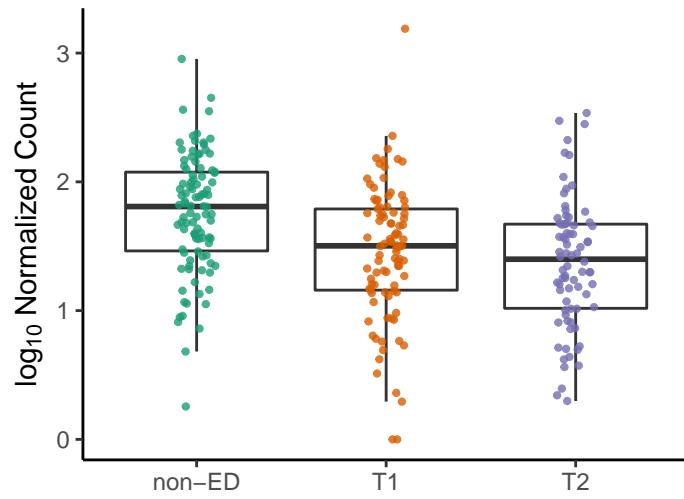
### Allofrancisella guangzhouensis

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 6.8e-05  
T1 vs. T2 adjusted p = 0.54



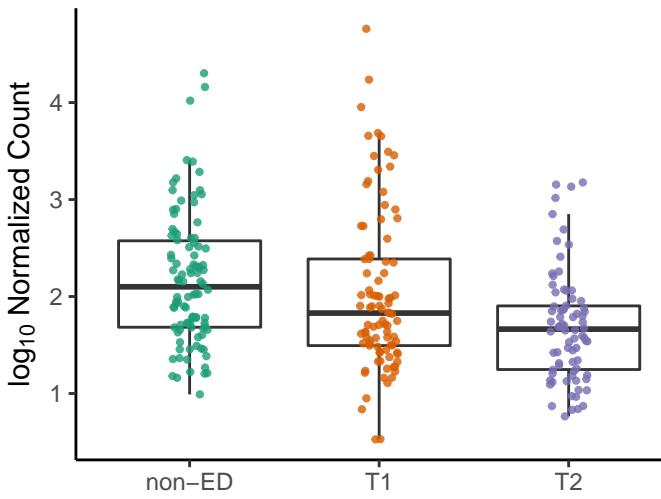
### Pseudomonas coronafaciens

non-ED vs. T1 adjusted p = 0.0013  
non-ED vs. T2 adjusted p = 7.1e-05  
T1 vs. T2 adjusted p = 0.74



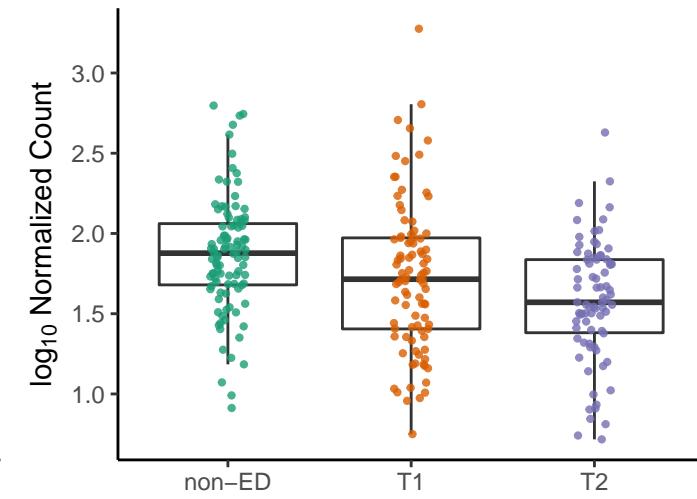
### Escherichia sp. E4742

non-ED vs. T1 adjusted p = 0.32  
non-ED vs. T2 adjusted p = 8e-05  
T1 vs. T2 adjusted p = 0.07



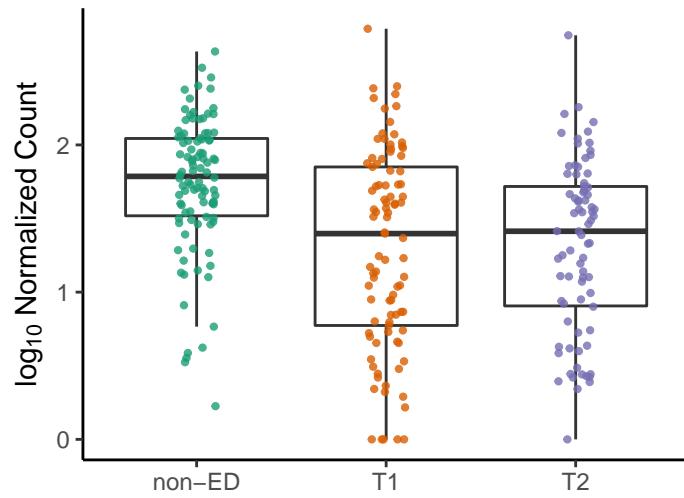
### Enterobacter soli

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 9.3e-05  
T1 vs. T2 adjusted p = 0.51



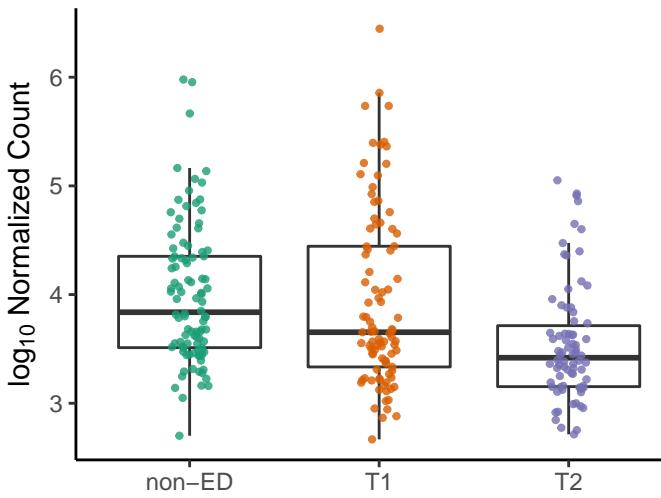
### Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted p = 6.5e-05  
non-ED vs. T2 adjusted p = 9.5e-05  
T1 vs. T2 adjusted p = 0.86



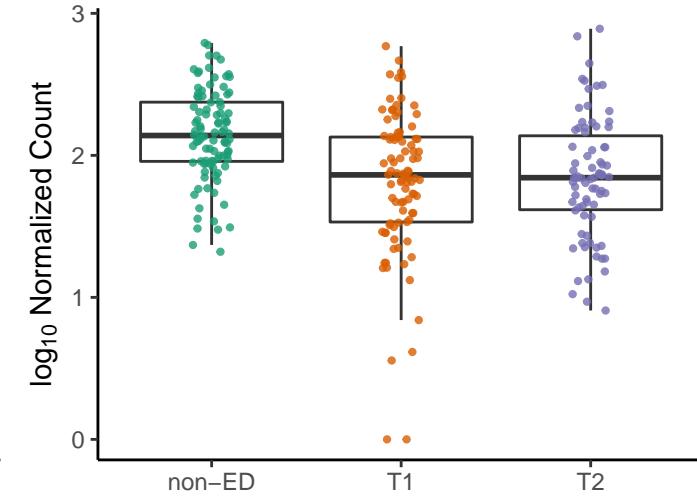
### Unclassified Enterobacteriaceae Family

non-ED vs. T1 adjusted p = 0.67  
non-ED vs. T2 adjusted p = 0.00011  
T1 vs. T2 adjusted p = 0.03



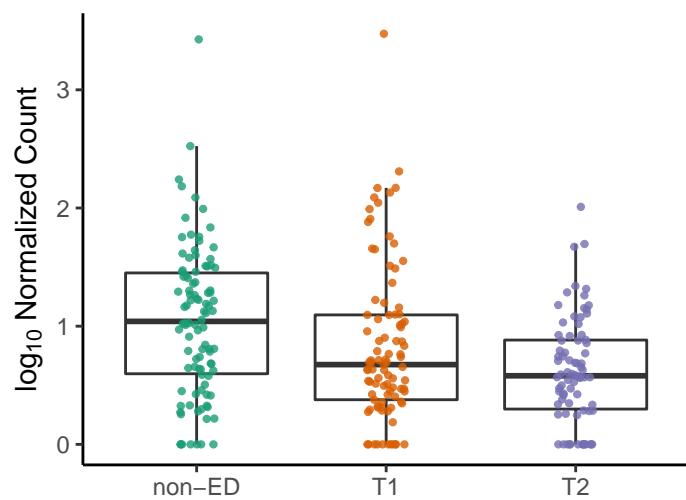
### Tessaracoccus timonensis

non-ED vs. T1 adjusted p = 4.1e-05  
non-ED vs. T2 adjusted p = 0.00011  
T1 vs. T2 adjusted p = 0.67



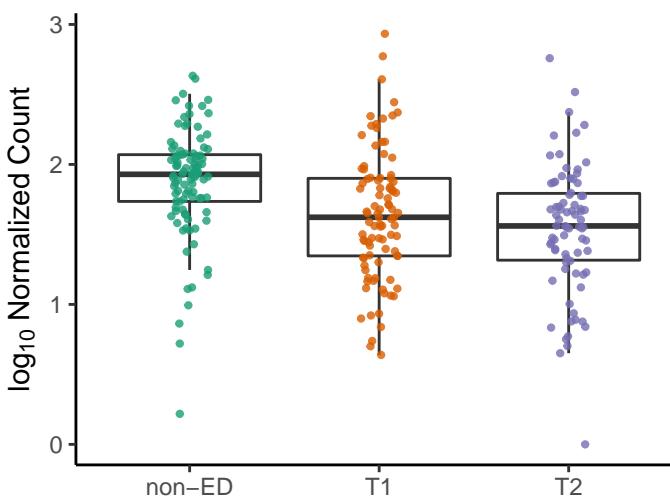
### *Yersinia pestis*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.00011  
 T1 vs. T2 adjusted p = 0.24



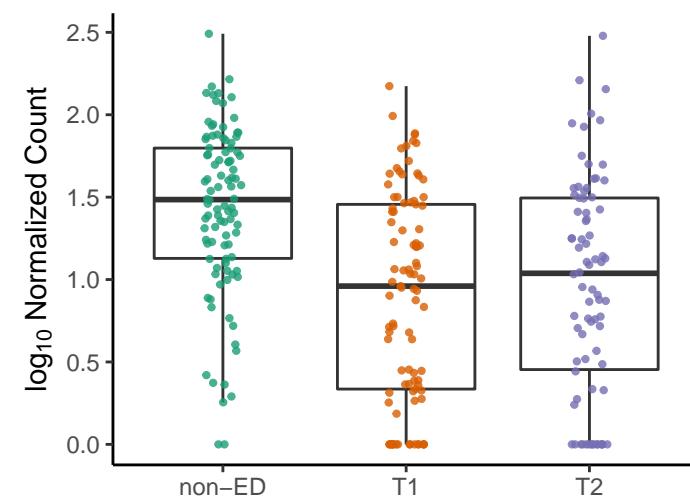
### *Borrelia miyamotoi*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.00012  
 T1 vs. T2 adjusted p = 0.68



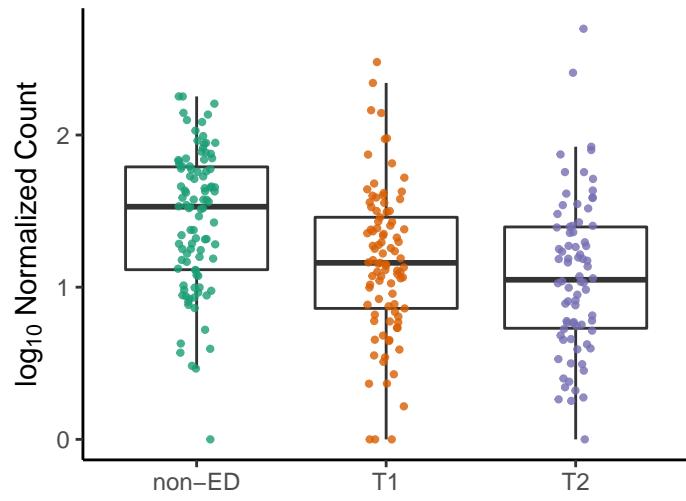
### *Pseudomonas* sp. VLB120

non-ED vs. T1 adjusted p = 1.9e-06  
 non-ED vs. T2 adjusted p = 0.00013  
 T1 vs. T2 adjusted p = 0.73



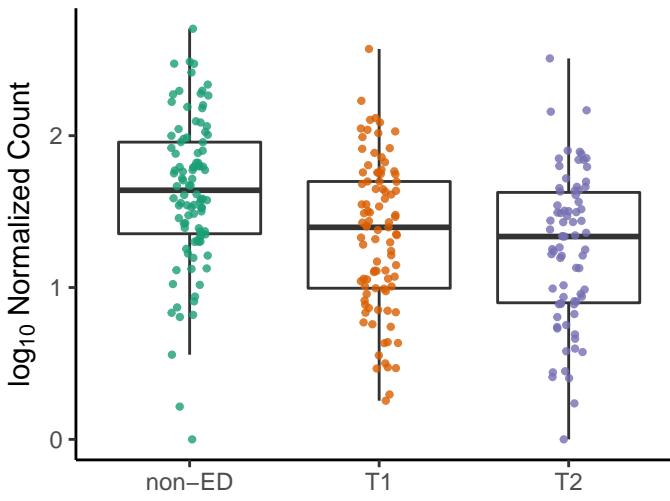
### *Taylorella asinigenitalis*

non-ED vs. T1 adjusted p = 0.0016  
 non-ED vs. T2 adjusted p = 0.00014  
 T1 vs. T2 adjusted p = 0.68



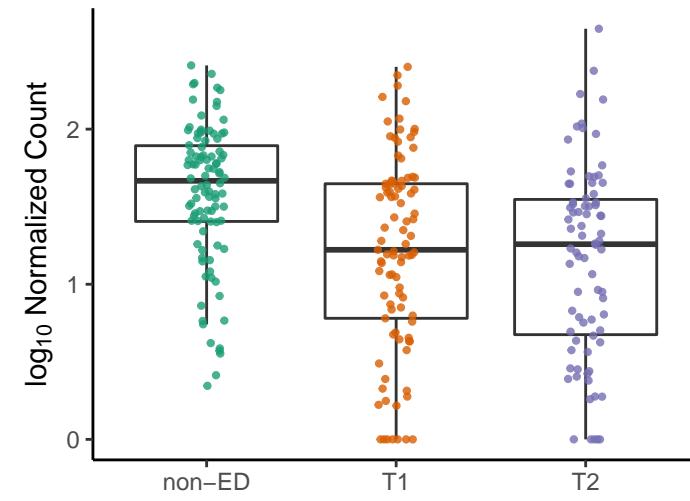
### *Spiroplasma corruscae*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.00015  
 T1 vs. T2 adjusted p = 0.71



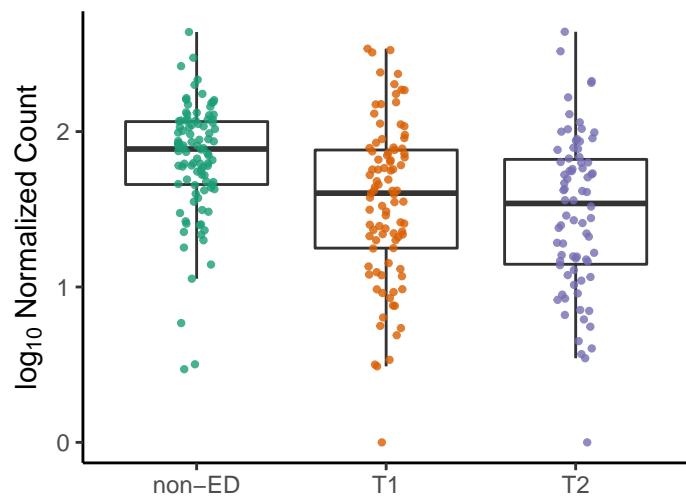
### *Actinobacteria bacterium IMCC26077*

non-ED vs. T1 adjusted p = 0.00035  
 non-ED vs. T2 adjusted p = 0.00015  
 T1 vs. T2 adjusted p = 0.96



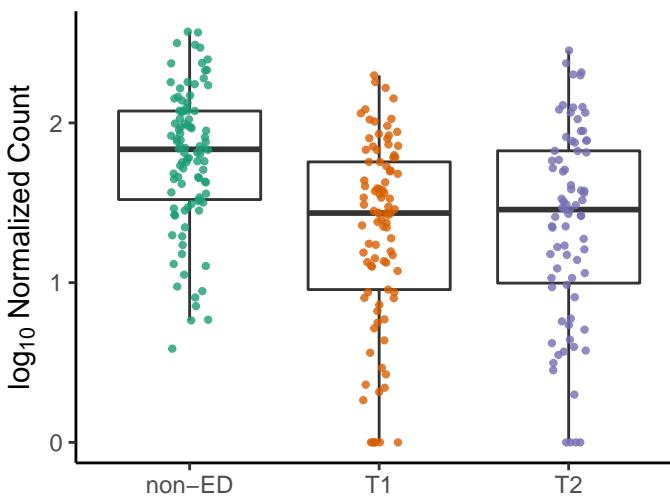
### *Arcobacter ellisii*

non-ED vs. T1 adjusted p = 0.0015  
 non-ED vs. T2 adjusted p = 0.00016  
 T1 vs. T2 adjusted p = 0.73



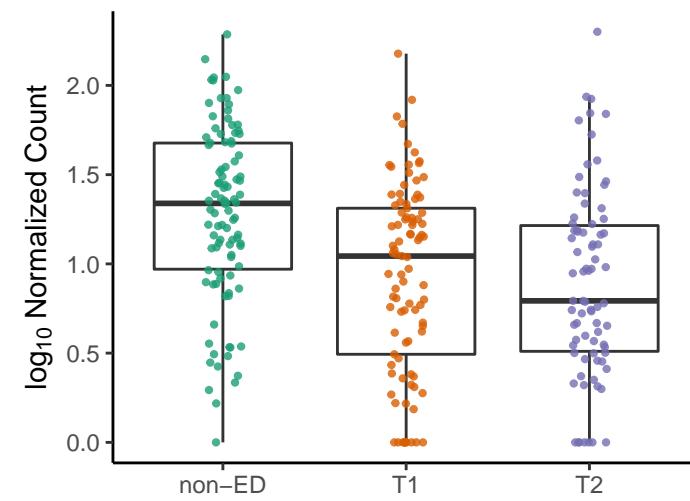
### *Sphingobium* sp. PAMC28499

non-ED vs. T1 adjusted p = 3e-06  
 non-ED vs. T2 adjusted p = 0.00016  
 T1 vs. T2 adjusted p = 0.77



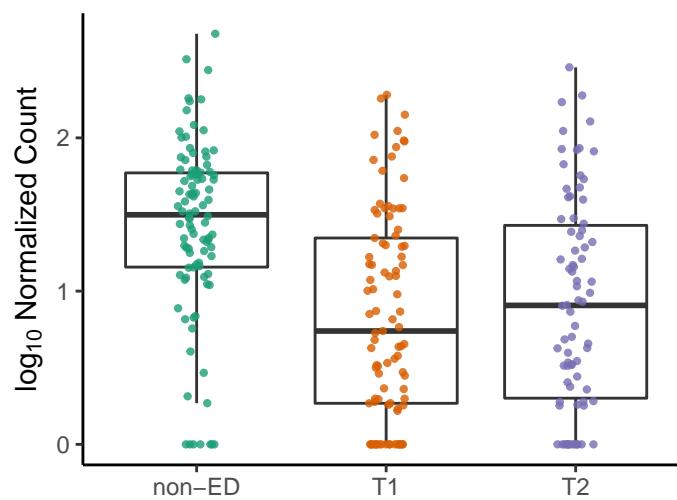
### Unclassified Planctopirus Genus

non-ED vs. T1 adjusted p = 0.00024  
 non-ED vs. T2 adjusted p = 0.00016  
 T1 vs. T2 adjusted p = 0.78



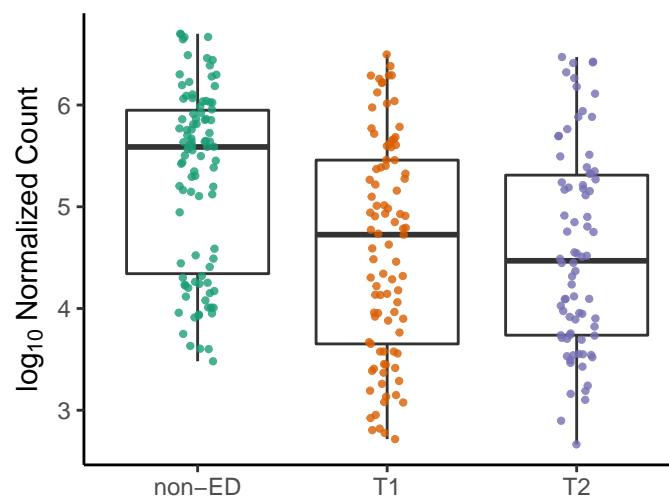
### Burkholderia sp. MSMB1588

non-ED vs. T1 adjusted p = 2.5e-06  
non-ED vs. T2 adjusted p = 0.00016  
T1 vs. T2 adjusted p = 0.72



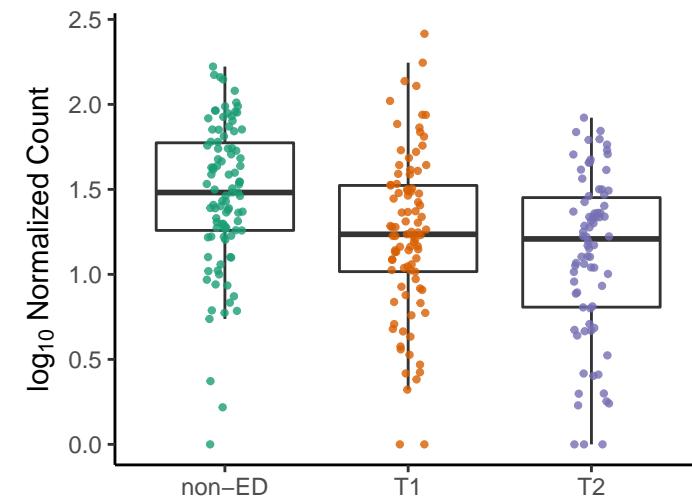
### Collinsella aerofaciens

non-ED vs. T1 adjusted p = 0.00016  
non-ED vs. T2 adjusted p = 0.00016  
T1 vs. T2 adjusted p = 0.92



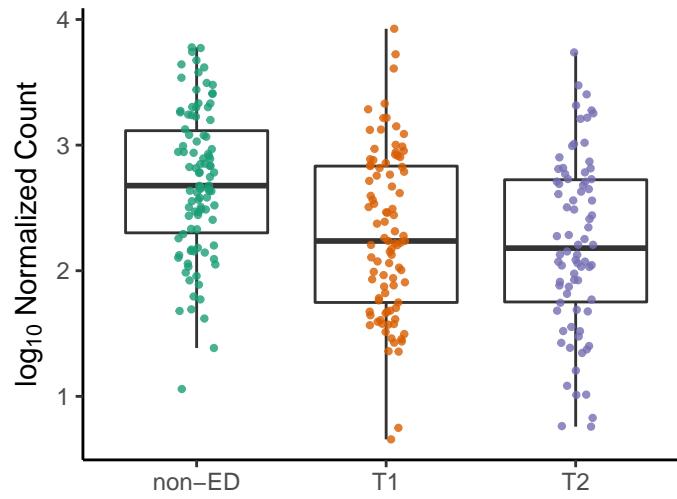
### [Arcobacter] porcinus

non-ED vs. T1 adjusted p = 0.0075  
non-ED vs. T2 adjusted p = 0.00016  
T1 vs. T2 adjusted p = 0.67



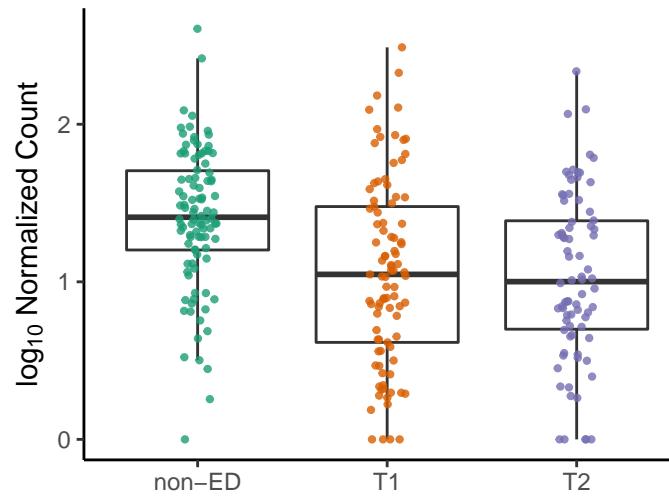
### Gemella sanguinis

non-ED vs. T1 adjusted p = 0.00044  
non-ED vs. T2 adjusted p = 0.00018  
T1 vs. T2 adjusted p = 0.74



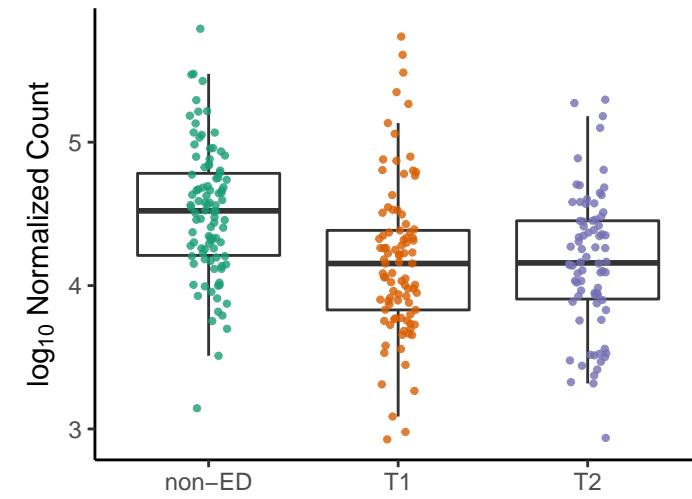
### Methanocaldococcus jannaschii

non-ED vs. T1 adjusted p = 0.00044  
non-ED vs. T2 adjusted p = 0.00018  
T1 vs. T2 adjusted p = 0.97



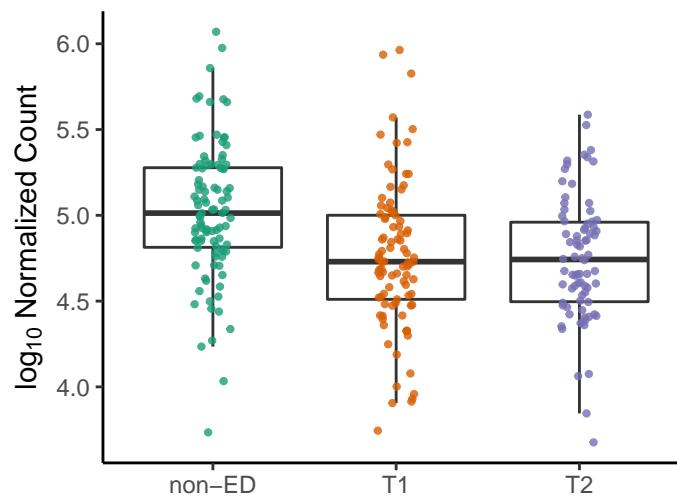
### Longibaculum sp. KGMB06250

non-ED vs. T1 adjusted p = 3e-04  
non-ED vs. T2 adjusted p = 0.00019  
T1 vs. T2 adjusted p = 0.93



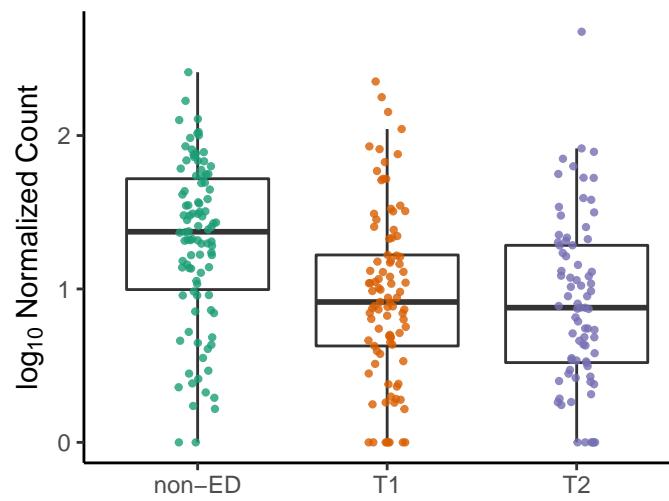
### Lachnospiraceae bacterium GAM79

non-ED vs. T1 adjusted p = 0.00073  
non-ED vs. T2 adjusted p = 3e-04  
T1 vs. T2 adjusted p = 0.95



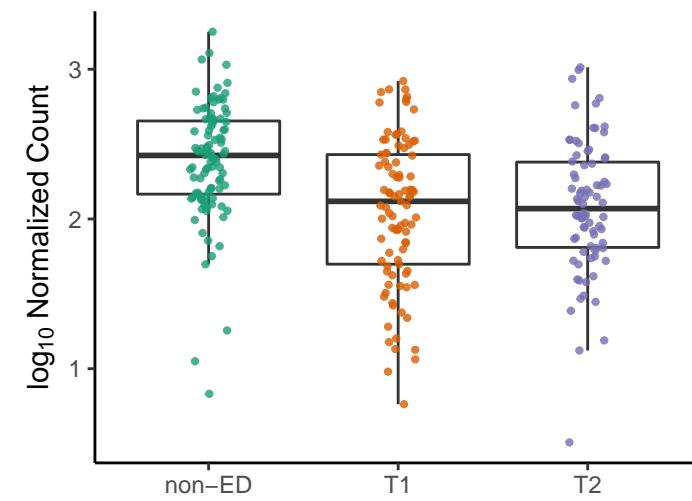
### Borrelia sp. CA690

non-ED vs. T1 adjusted p = 0.00061  
non-ED vs. T2 adjusted p = 0.00031  
T1 vs. T2 adjusted p = 0.85



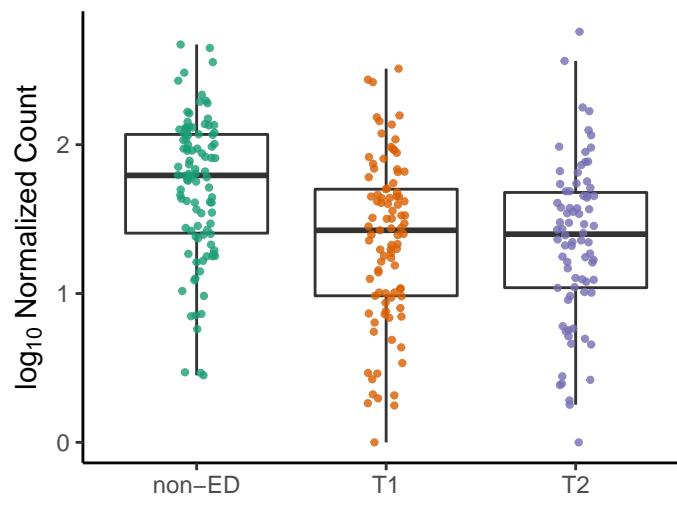
### Acholeplasma brassicaceae

non-ED vs. T1 adjusted p = 6.4e-05  
non-ED vs. T2 adjusted p = 0.00036  
T1 vs. T2 adjusted p = 0.92



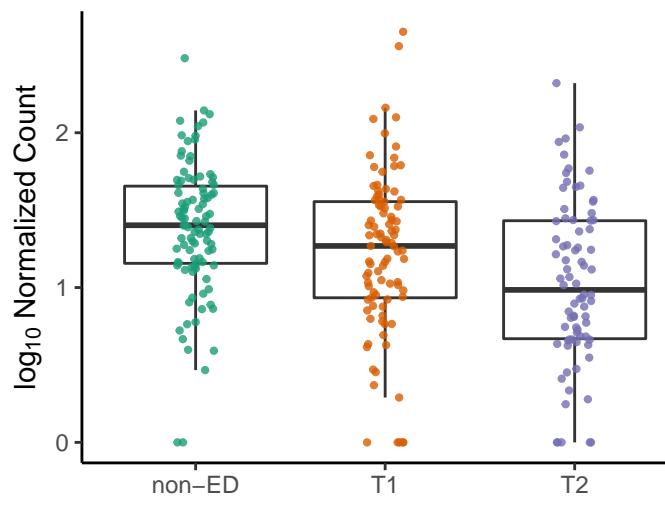
### Rheinheimera sp. D18

non-ED vs. T1 adjusted p = 0.00018  
non-ED vs. T2 adjusted p = 0.00038  
T1 vs. T2 adjusted p = 0.88



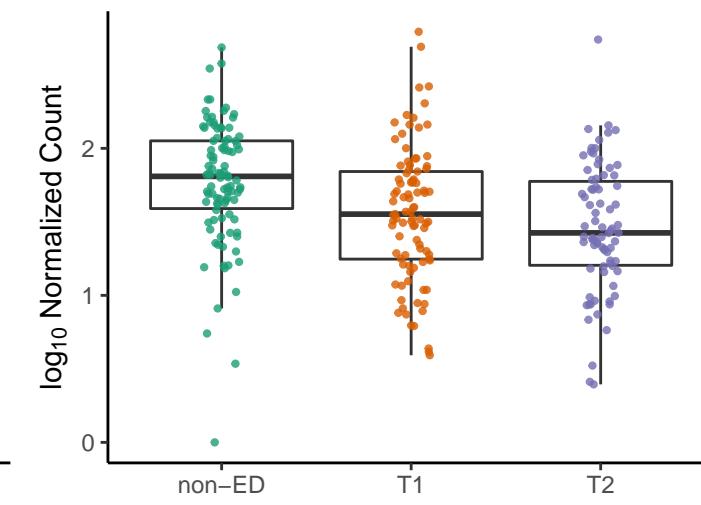
### Methanothermus fervidus

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.00038  
T1 vs. T2 adjusted p = 0.1



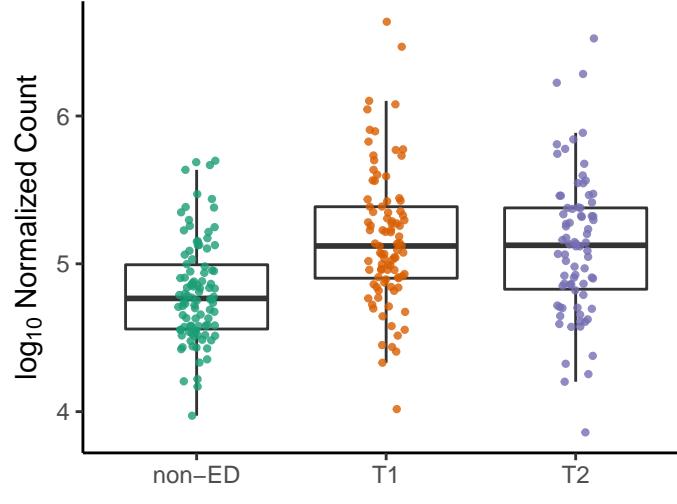
### Flavobacteriaceae bacterium MAR\_2010

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.00038  
T1 vs. T2 adjusted p = 0.73



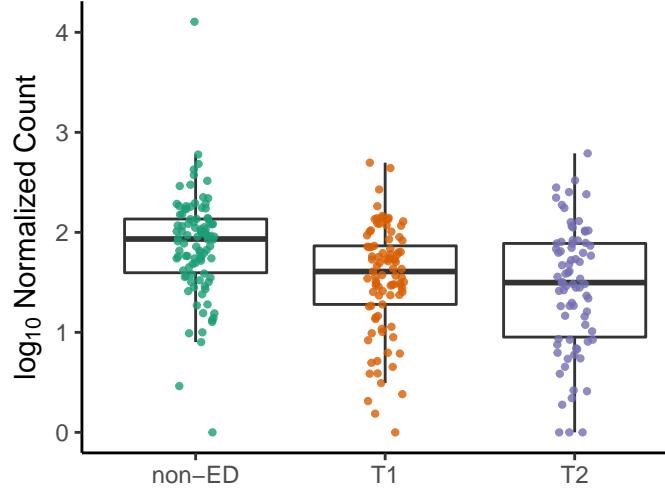
### Flavonifractor plautii

non-ED vs. T1 adjusted p = 3e-06  
non-ED vs. T2 adjusted p = 0.00039  
T1 vs. T2 adjusted p = 0.92



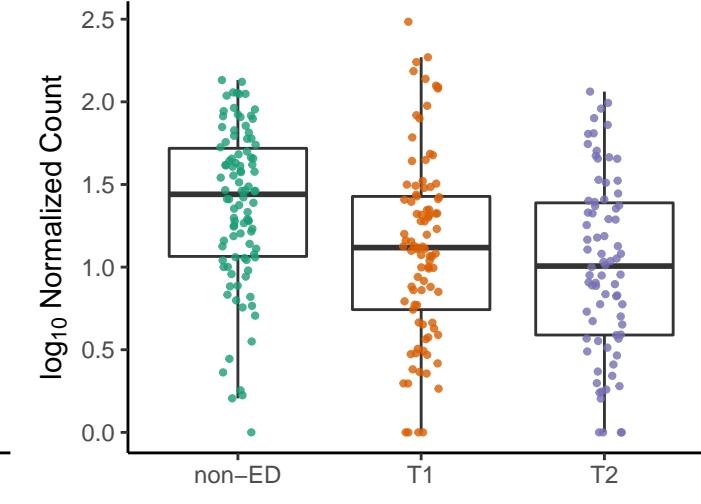
### Pseudomonas lundensis

non-ED vs. T1 adjusted p = 0.001  
non-ED vs. T2 adjusted p = 0.00039  
T1 vs. T2 adjusted p = 0.7



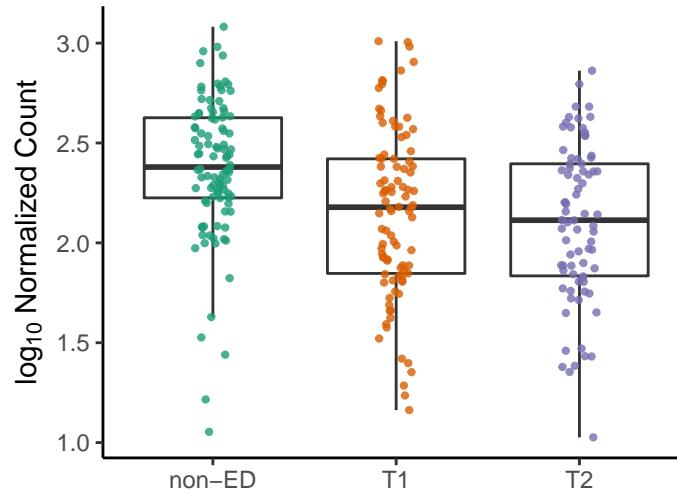
### Spiroplasma monobiae

non-ED vs. T1 adjusted p = 0.0086  
non-ED vs. T2 adjusted p = 0.00039  
T1 vs. T2 adjusted p = 0.67



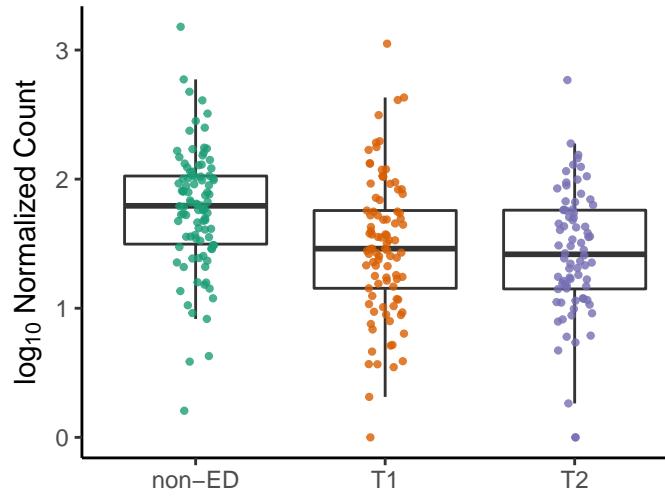
### Gottschalkia acidurici

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 4e-04  
T1 vs. T2 adjusted p = 0.79



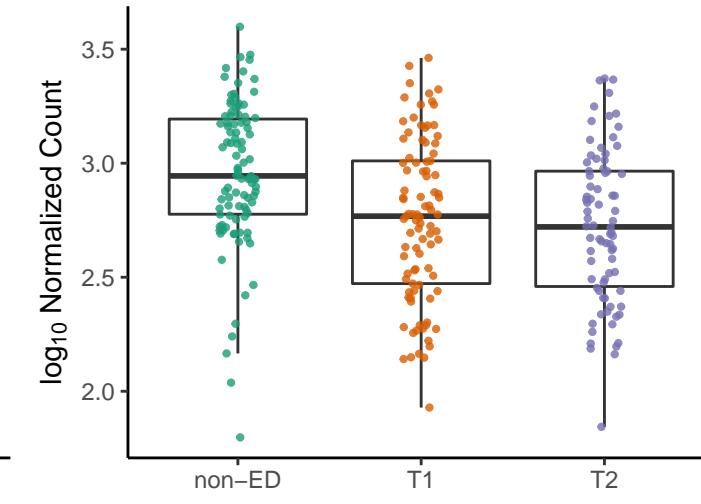
### Campylobacter hominis

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 4e-04  
T1 vs. T2 adjusted p = 0.8



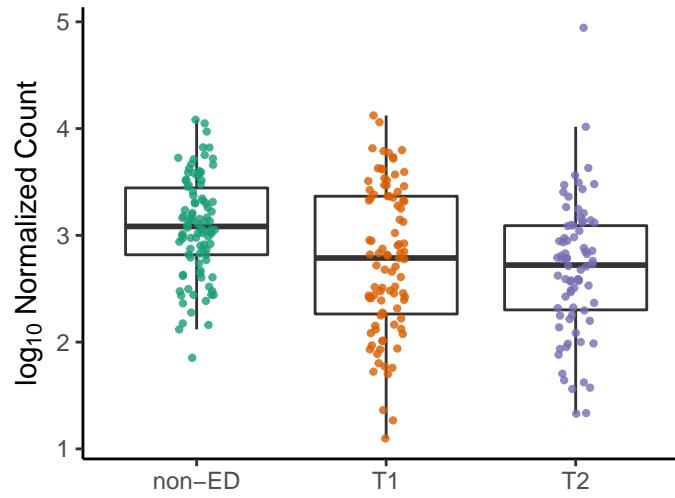
### Unclassified Clostridiaceae Family

non-ED vs. T1 adjusted p = 0.0012  
non-ED vs. T2 adjusted p = 4e-04  
T1 vs. T2 adjusted p = 0.94



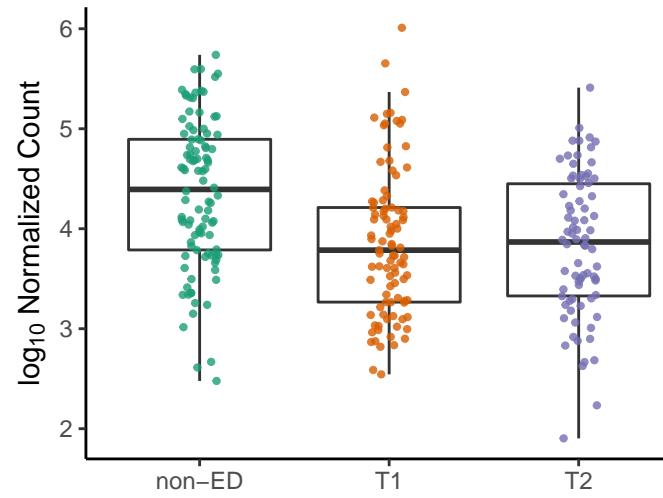
### *Actinomyces pacaensis*

non-ED vs. T1 adjusted  $p = 0.0042$   
 non-ED vs. T2 adjusted  $p = 0.00042$   
 T1 vs. T2 adjusted  $p = 0.79$



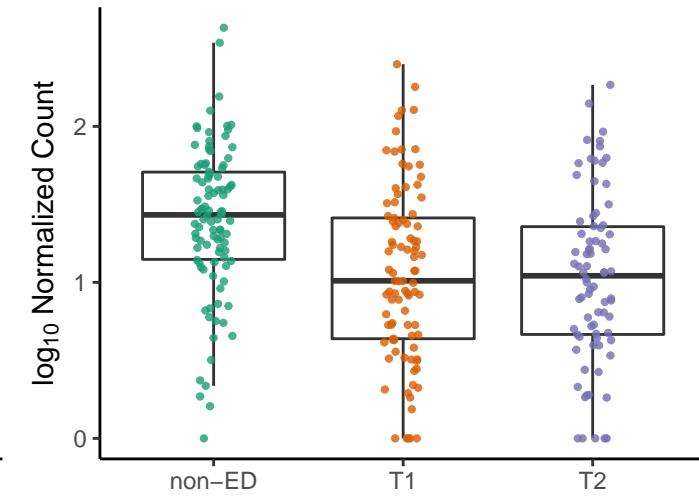
### *Erysipelotrichaceae bacterium GAM147*

non-ED vs. T1 adjusted  $p = 0.00044$   
 non-ED vs. T2 adjusted  $p = 0.00042$   
 T1 vs. T2 adjusted  $p = 0.8$



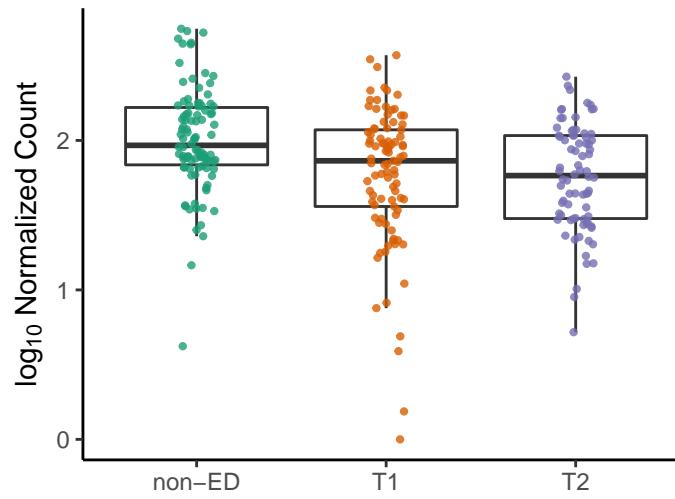
### *Methanocaldococcus bathoardescens*

non-ED vs. T1 adjusted  $p = 6e-04$   
 non-ED vs. T2 adjusted  $p = 0.00042$   
 T1 vs. T2 adjusted  $p = 0.82$



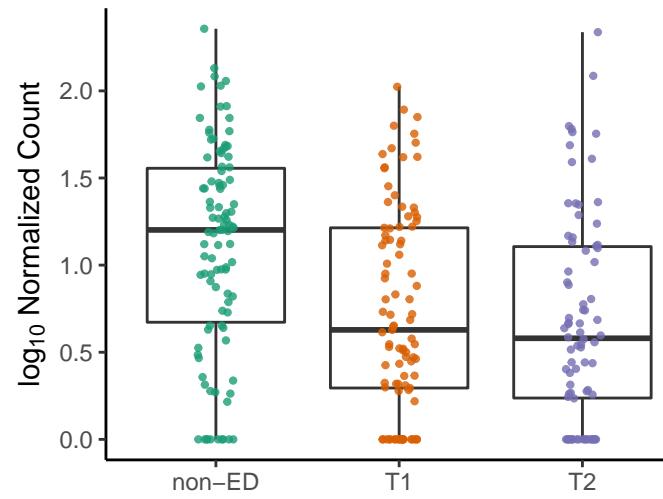
### *Tuwongella immobilis*

non-ED vs. T1 adjusted  $p = 0.0025$   
 non-ED vs. T2 adjusted  $p = 0.00042$   
 T1 vs. T2 adjusted  $p = 0.97$



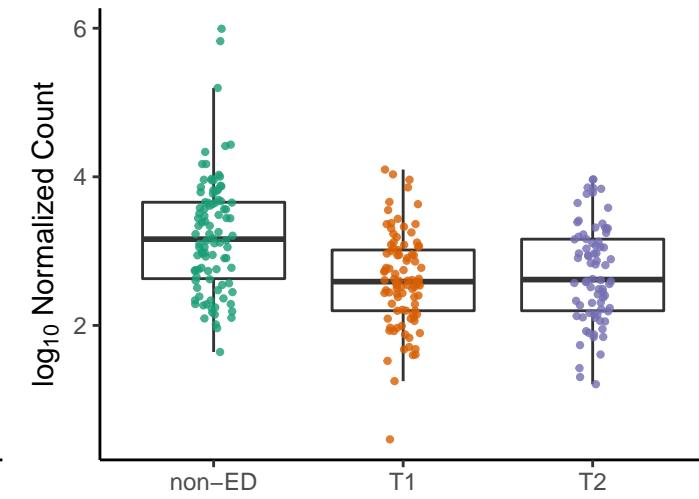
### *Serratia ficaria*

non-ED vs. T1 adjusted  $p = 0.0011$   
 non-ED vs. T2 adjusted  $p = 0.00045$   
 T1 vs. T2 adjusted  $p = 0.97$



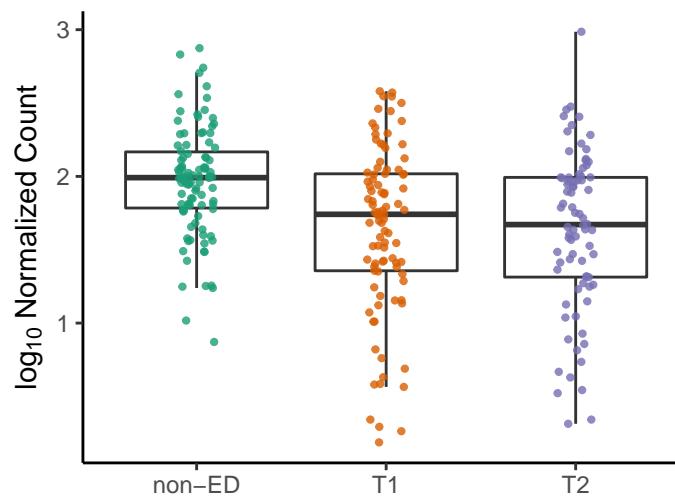
### *Bifidobacterium angulatum*

non-ED vs. T1 adjusted  $p = 7.8e-06$   
 non-ED vs. T2 adjusted  $p = 0.00048$   
 T1 vs. T2 adjusted  $p = 0.63$



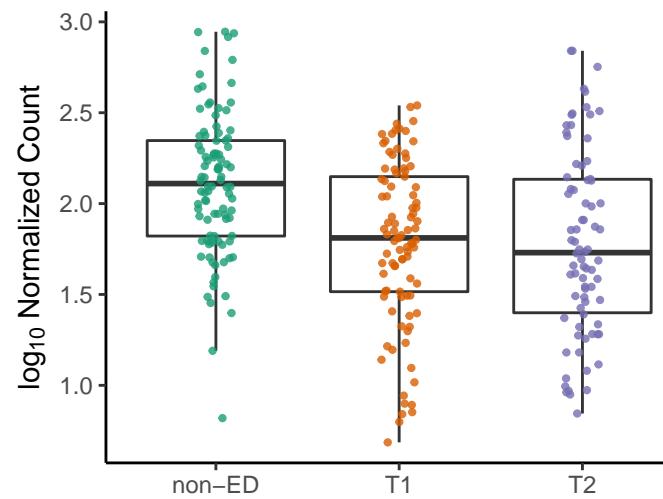
### *Neisseria zalophi*

non-ED vs. T1 adjusted  $p = 0.00038$   
 non-ED vs. T2 adjusted  $p = 0.00051$   
 T1 vs. T2 adjusted  $p = 1$



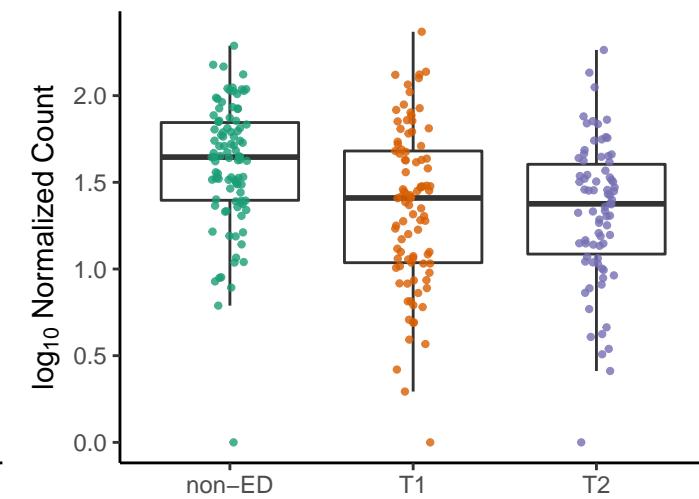
### *Pectobacterium brasiliense*

non-ED vs. T1 adjusted  $p = 6.4e-05$   
 non-ED vs. T2 adjusted  $p = 0.00051$   
 T1 vs. T2 adjusted  $p = 0.93$



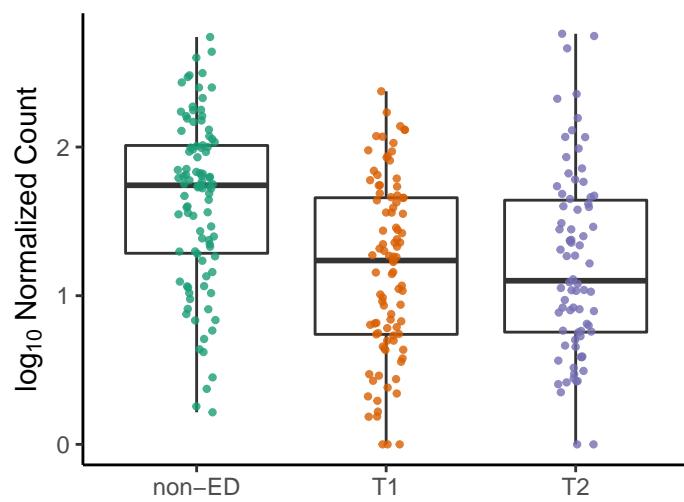
### Unclassified *Staphylococcaceae Family*

non-ED vs. T1 adjusted  $p = 0.0017$   
 non-ED vs. T2 adjusted  $p = 0.00051$   
 T1 vs. T2 adjusted  $p = 0.88$



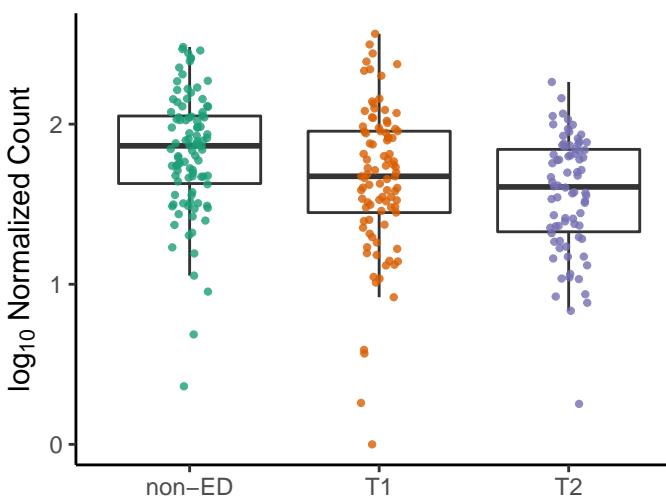
### Unclassified Synechococcales Order

non-ED vs. T1 adjusted p = 2.3e-05  
non-ED vs. T2 adjusted p = 0.00051  
T1 vs. T2 adjusted p = 0.96



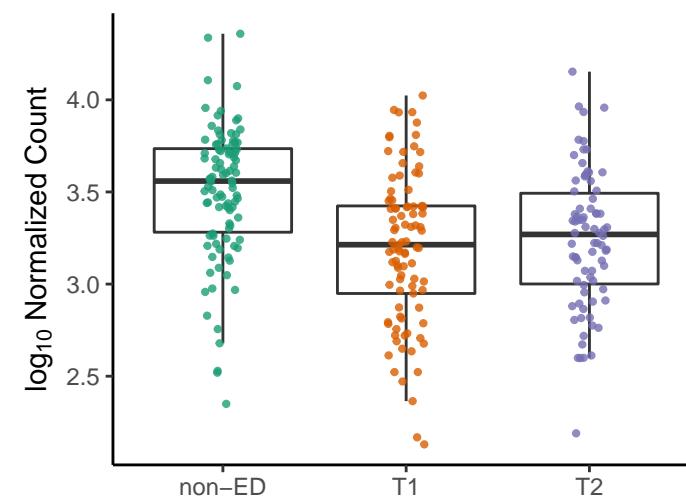
### endosymbiont of Acanthamoeba sp. UW

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.00051  
T1 vs. T2 adjusted p = 0.68



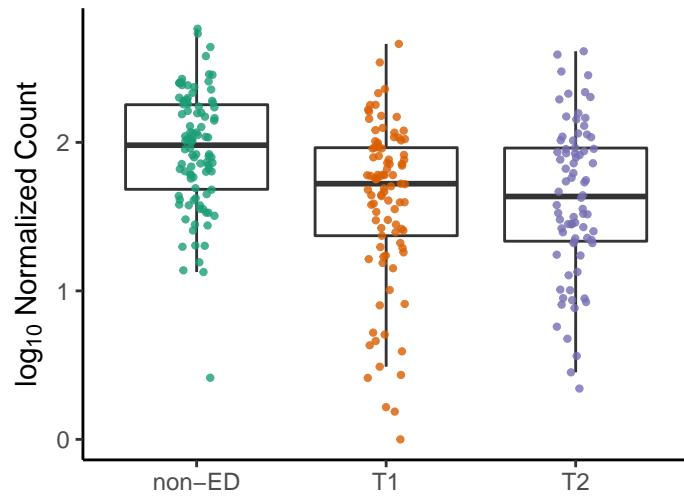
### Ruminococcus albus

non-ED vs. T1 adjusted p = 3.3e-05  
non-ED vs. T2 adjusted p = 0.00052  
T1 vs. T2 adjusted p = 0.7



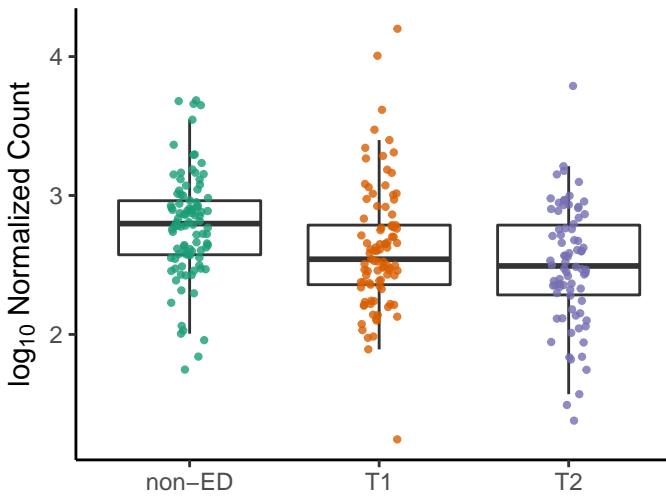
### Corynebacterium minutissimum

non-ED vs. T1 adjusted p = 0.00014  
non-ED vs. T2 adjusted p = 0.00053  
T1 vs. T2 adjusted p = 0.78



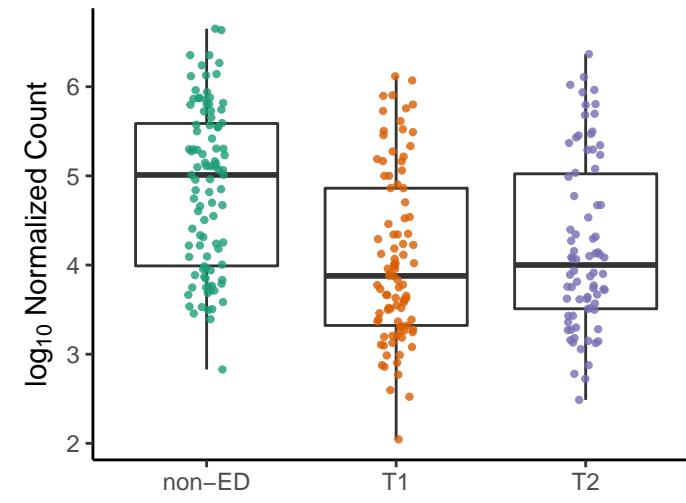
### Parvimonas micra

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.00053  
T1 vs. T2 adjusted p = 0.61



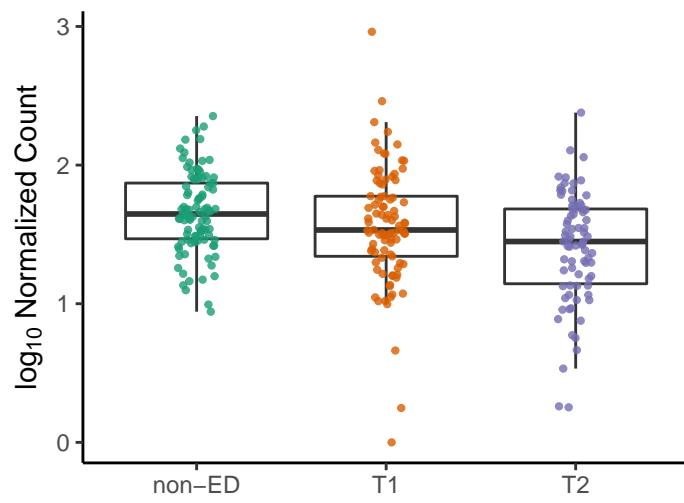
### Ruminococcus bicirculans

non-ED vs. T1 adjusted p = 4e-06  
non-ED vs. T2 adjusted p = 0.00057  
T1 vs. T2 adjusted p = 0.73



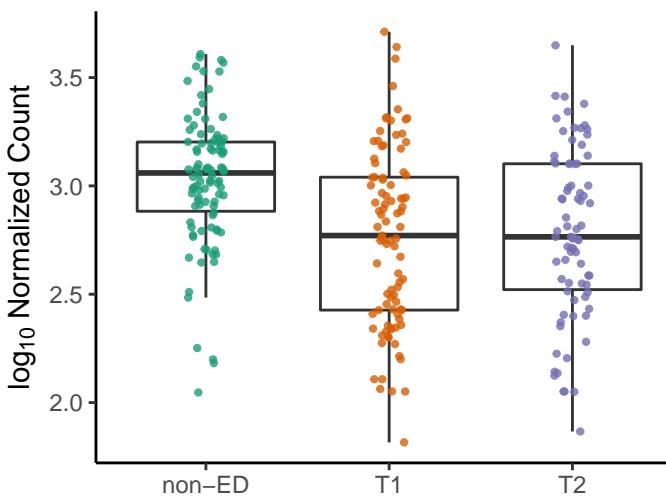
### Kluyveromyces marxianus

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.00057  
T1 vs. T2 adjusted p = 0.4



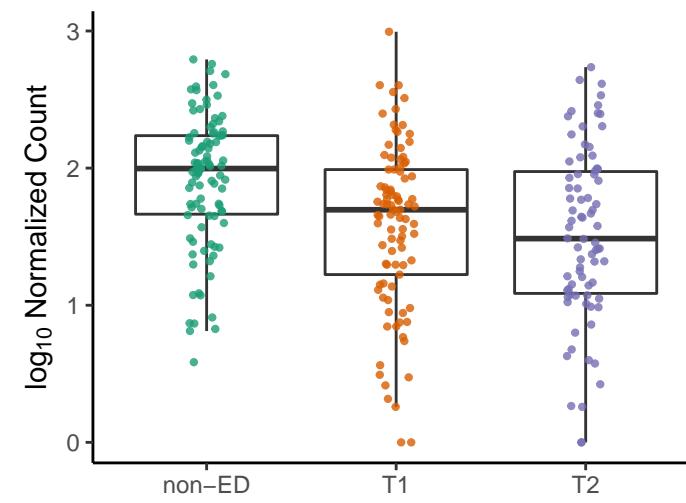
### Mageeibacillus indolicus

non-ED vs. T1 adjusted p = 9.8e-05  
non-ED vs. T2 adjusted p = 0.00057  
T1 vs. T2 adjusted p = 0.74



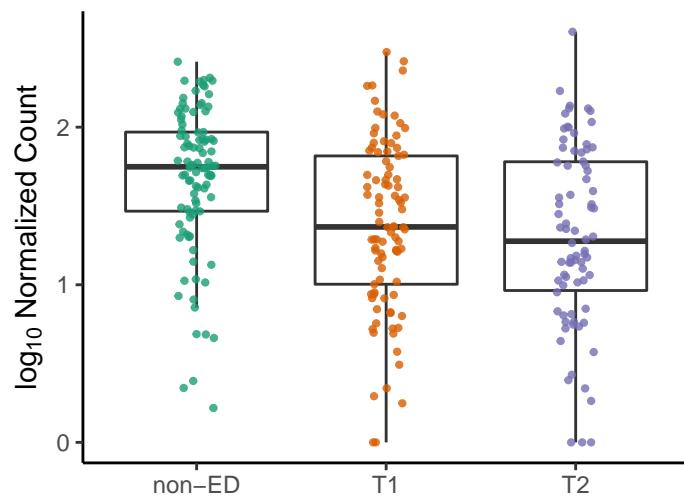
### Halobacterium hubeiense

non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.00059  
T1 vs. T2 adjusted p = 0.88



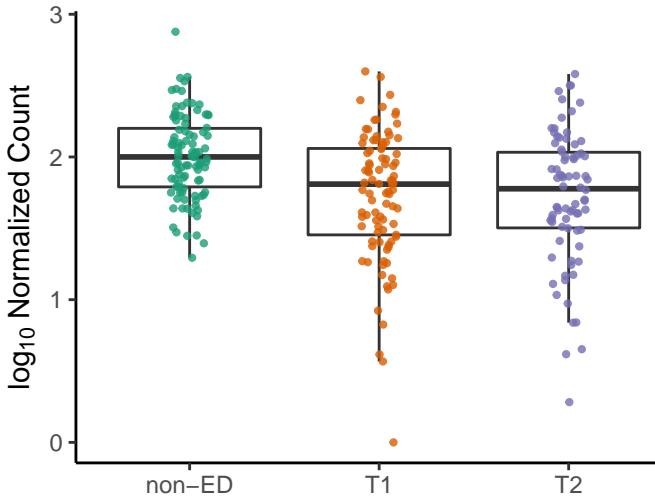
### *Francisella* sp. FSC1006

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 6e-04  
 T1 vs. T2 adjusted p = 0.72



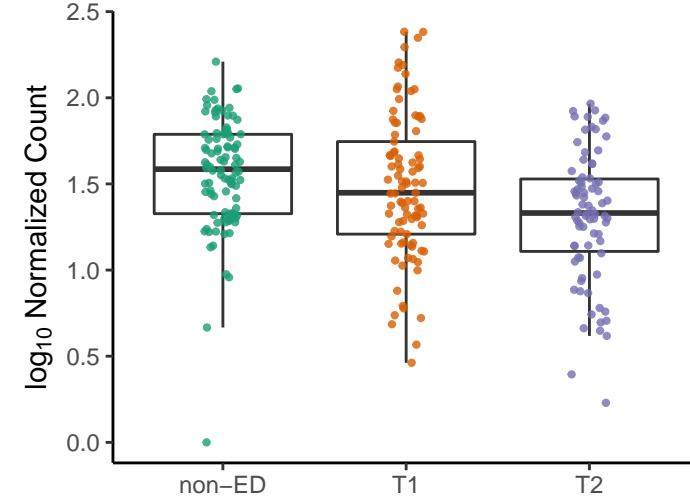
### *Mesotoga prima*

non-ED vs. T1 adjusted p = 0.00022  
 non-ED vs. T2 adjusted p = 6e-04  
 T1 vs. T2 adjusted p = 0.96



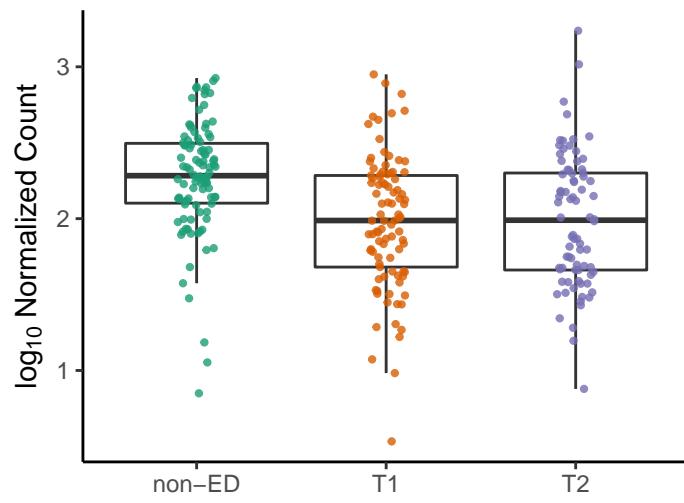
### *Xenorhabdus nematophila*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 6e-04  
 T1 vs. T2 adjusted p = 0.27



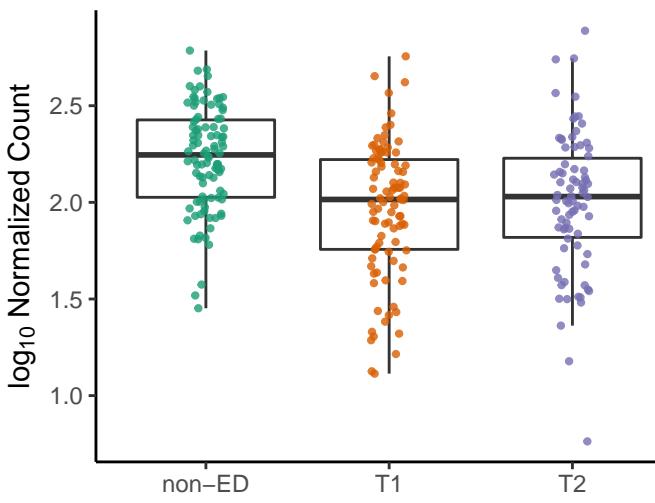
### Unclassified Campylobacteraceae Family

non-ED vs. T1 adjusted p = 0.00018  
 non-ED vs. T2 adjusted p = 0.00061  
 T1 vs. T2 adjusted p = 0.91



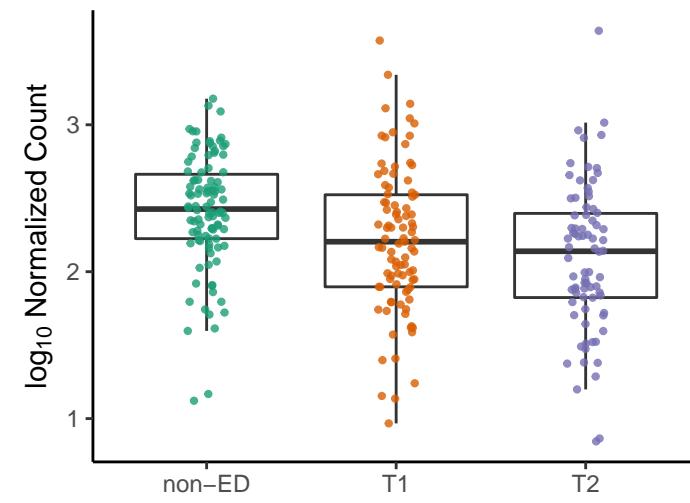
### Unclassified Psychrobacter Genus

non-ED vs. T1 adjusted p = 7.2e-06  
 non-ED vs. T2 adjusted p = 0.00062  
 T1 vs. T2 adjusted p = 0.71



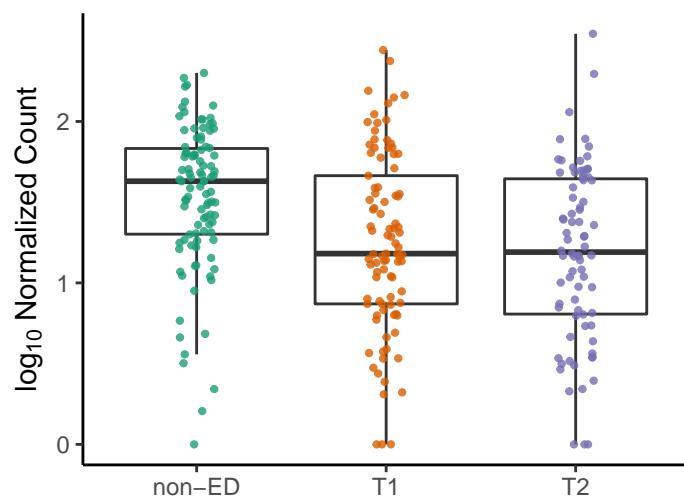
### *Gemella morbillorum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.00062  
 T1 vs. T2 adjusted p = 0.67



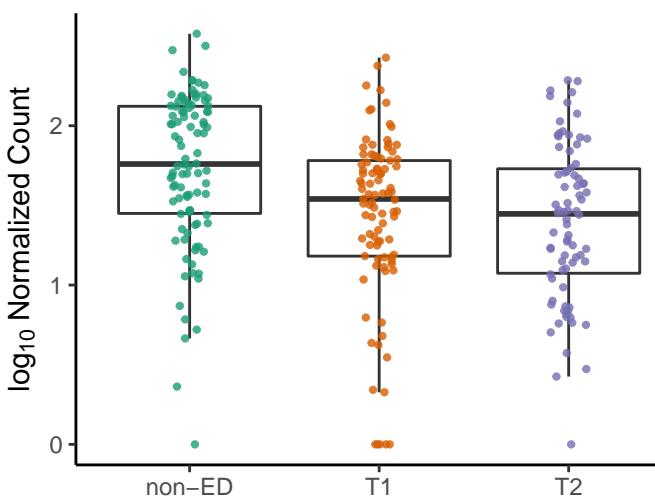
### *Mycoplasma canis*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.00062  
 T1 vs. T2 adjusted p = 0.78



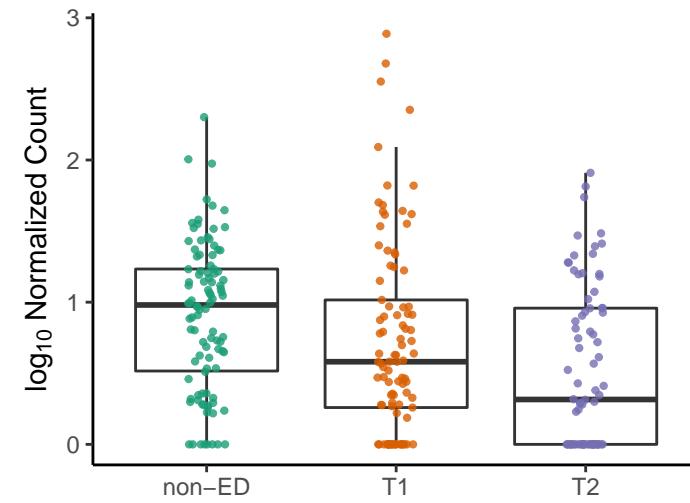
### Unclassified Desulfobacteraceae Family

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.00062  
 T1 vs. T2 adjusted p = 0.83



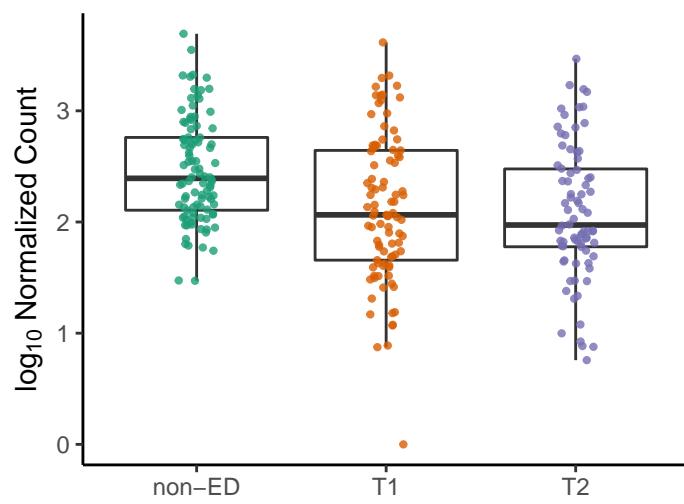
### *Klebsiella* sp. P1CD1

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.00065  
 T1 vs. T2 adjusted p = 0.27



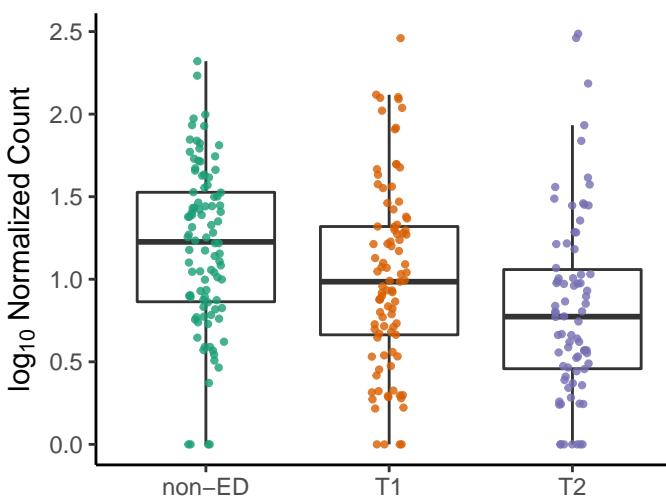
### Burkholderiales bacterium YL45

non-ED vs. T1 adjusted p = 0.002  
non-ED vs. T2 adjusted p = 0.00068  
T1 vs. T2 adjusted p = 0.98



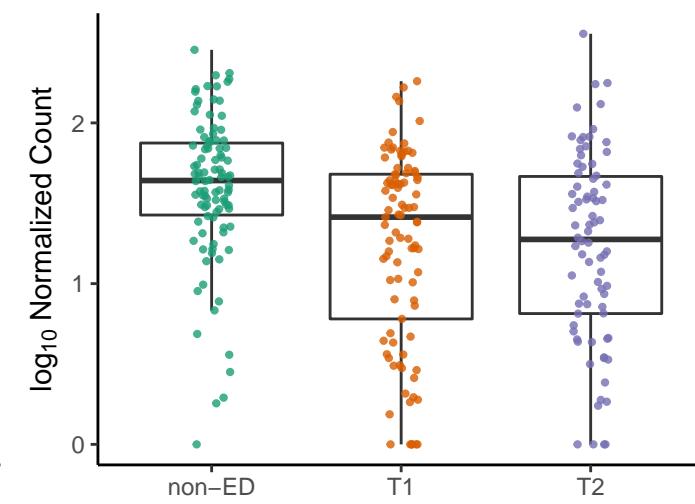
### Mycoplasma maculosum

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 7e-04  
T1 vs. T2 adjusted p = 0.28



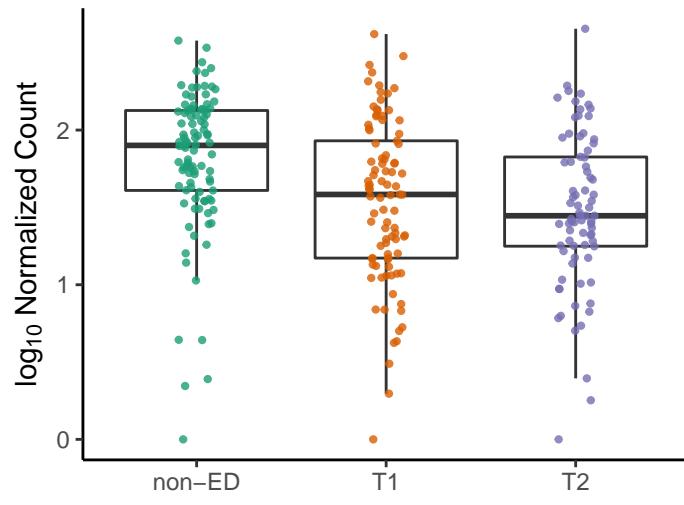
### Sphingobium sp. YBL2

non-ED vs. T1 adjusted p = 0.00045  
non-ED vs. T2 adjusted p = 7e-04  
T1 vs. T2 adjusted p = 0.94



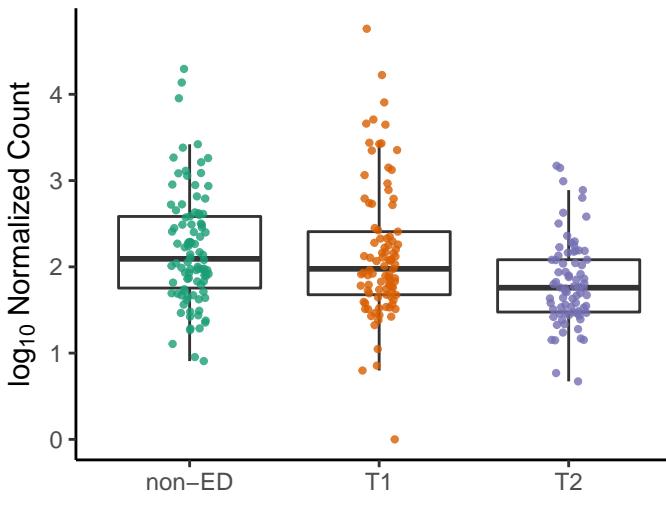
### Unclassified Borrelia Genus

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 7e-04  
T1 vs. T2 adjusted p = 0.73



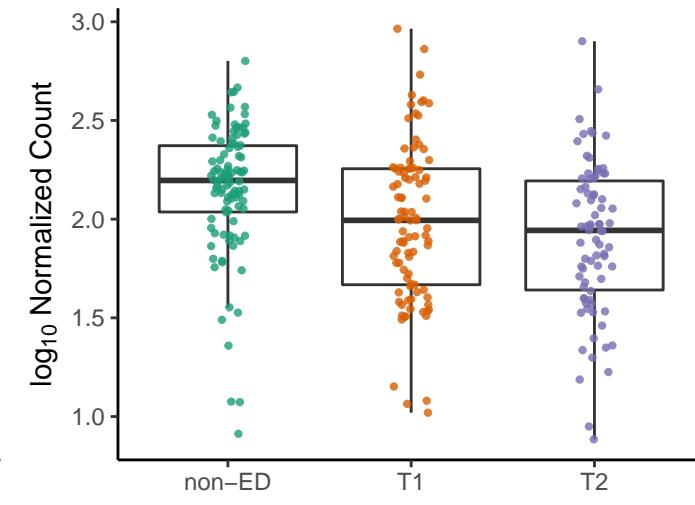
### Escherichia fergusonii

non-ED vs. T1 adjusted p = 0.72  
non-ED vs. T2 adjusted p = 0.00072  
T1 vs. T2 adjusted p = 0.034



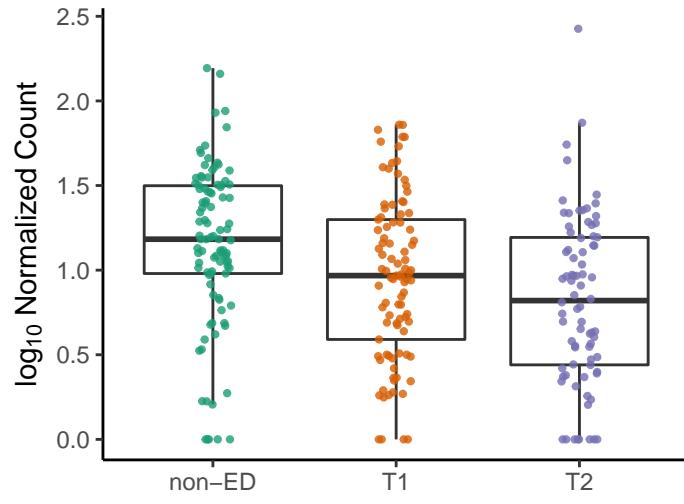
### Anaerococcus mediterraneensis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.00073  
T1 vs. T2 adjusted p = 0.7



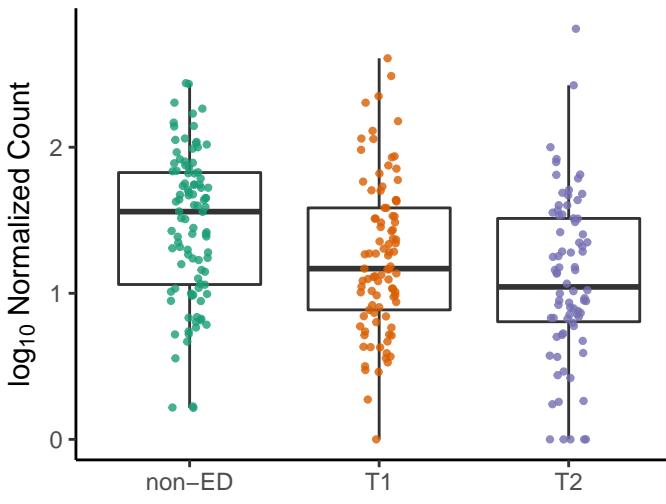
### Dolichospermum compactum

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.00079  
T1 vs. T2 adjusted p = 0.63



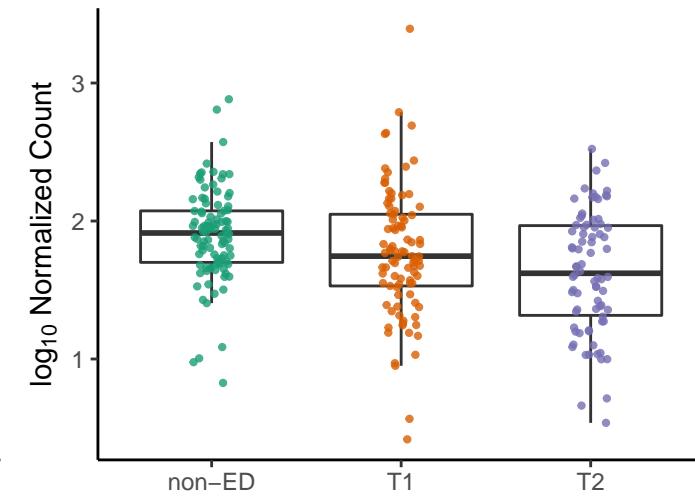
### Proteus columbae

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.00079  
T1 vs. T2 adjusted p = 0.63



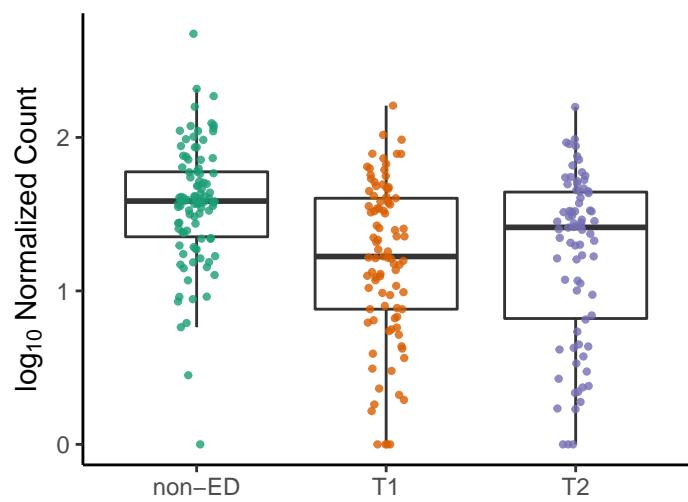
### Enterobacter sp. 638

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 8e-04  
T1 vs. T2 adjusted p = 0.63



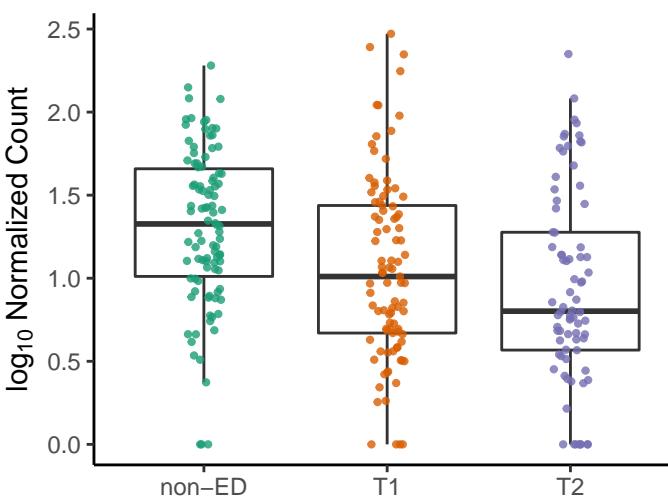
### *Pseudomonas* sp. Z003–0.4C(8344–21)

non-ED vs. T1 adjusted p = 3.9e-05  
 non-ED vs. T2 adjusted p = 8e-04  
 T1 vs. T2 adjusted p = 0.82



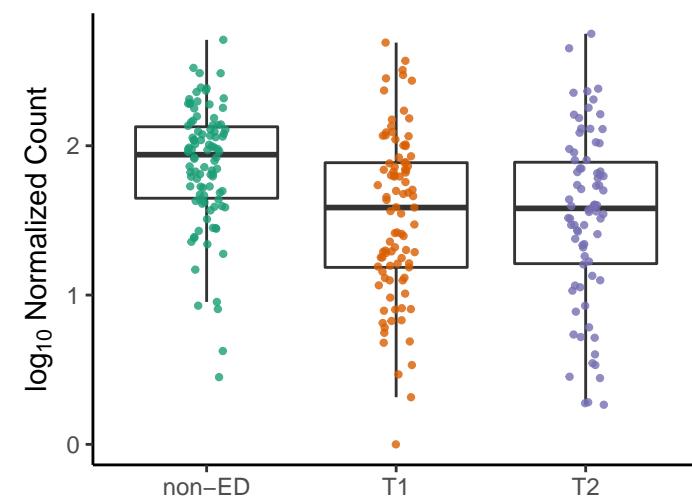
### *Spiroplasma* sp. BIUS-1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 8e-04  
 T1 vs. T2 adjusted p = 0.67



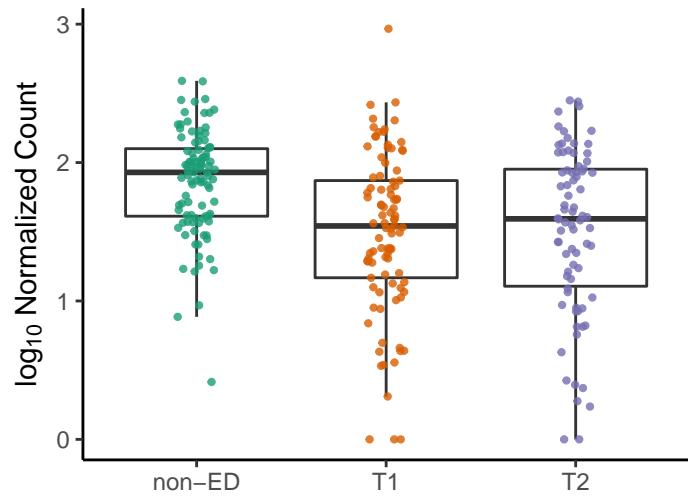
### *Coprothermobacter proteolyticus*

non-ED vs. T1 adjusted p = 2e-04  
 non-ED vs. T2 adjusted p = 0.00082  
 T1 vs. T2 adjusted p = 0.97



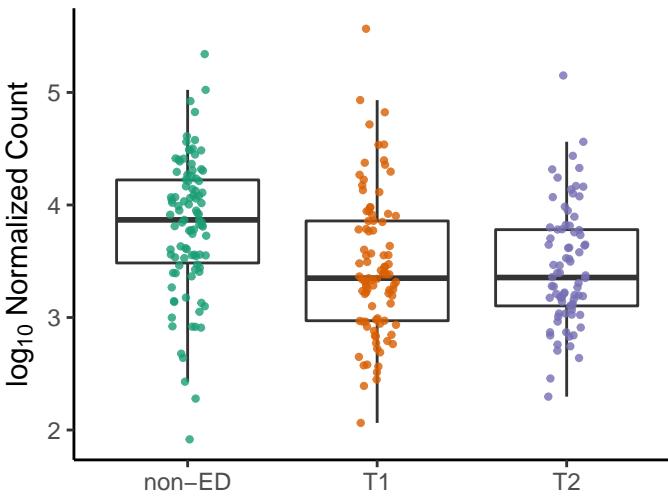
### Planctomycetes bacterium Poly24

non-ED vs. T1 adjusted p = 0.00011  
 non-ED vs. T2 adjusted p = 0.00082  
 T1 vs. T2 adjusted p = 0.93



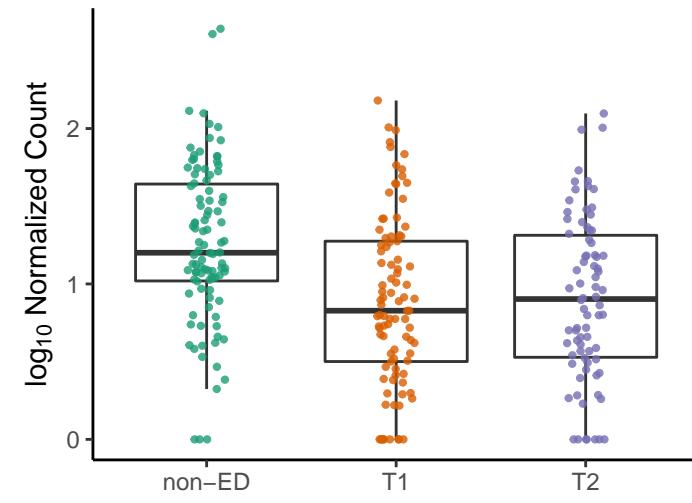
### *Ruminococcus* sp. JE7A12

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.00082  
 T1 vs. T2 adjusted p = 0.99



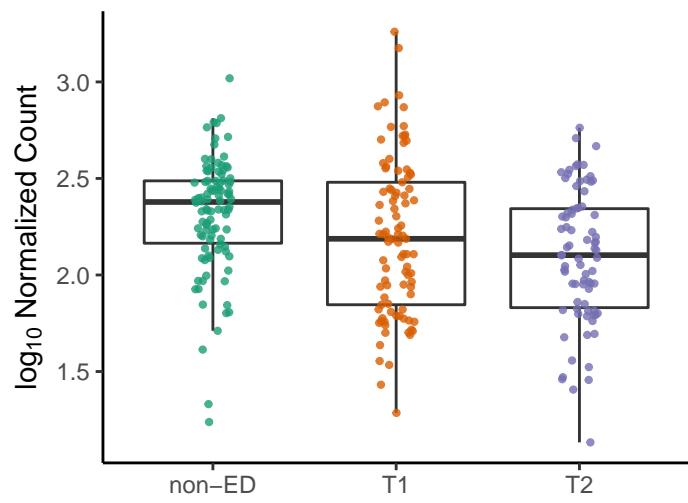
### *Sulfurisphaera tokodaii*

non-ED vs. T1 adjusted p = 0.00026  
 non-ED vs. T2 adjusted p = 0.00082  
 T1 vs. T2 adjusted p = 0.95



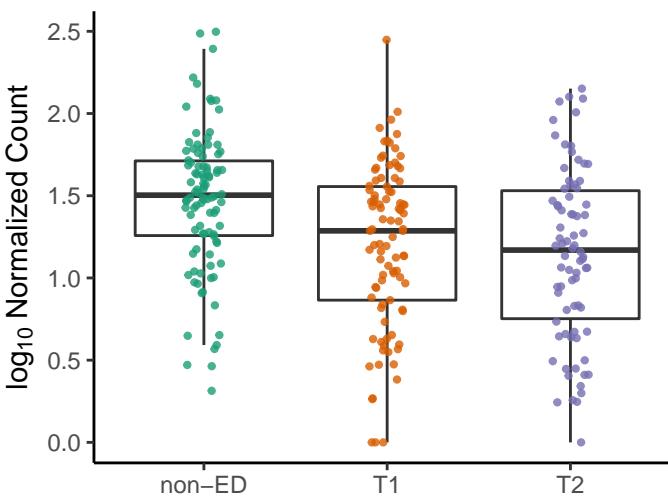
### *Ezakiella massiliensis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.00083  
 T1 vs. T2 adjusted p = 0.66



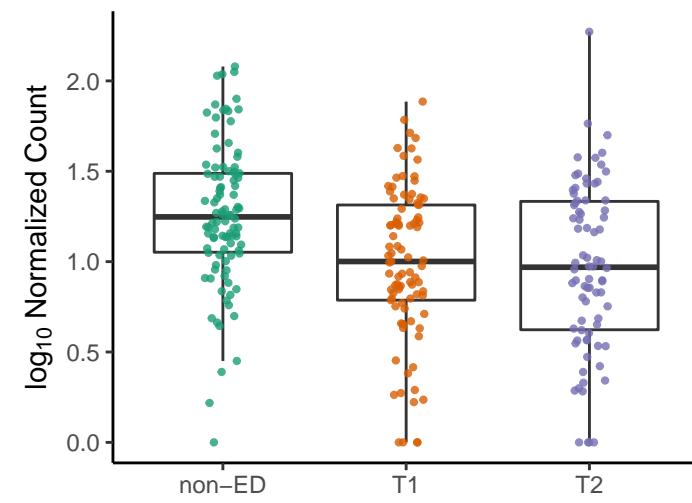
### *Candidatus Pantoea carbekii*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.00084  
 T1 vs. T2 adjusted p = 0.86



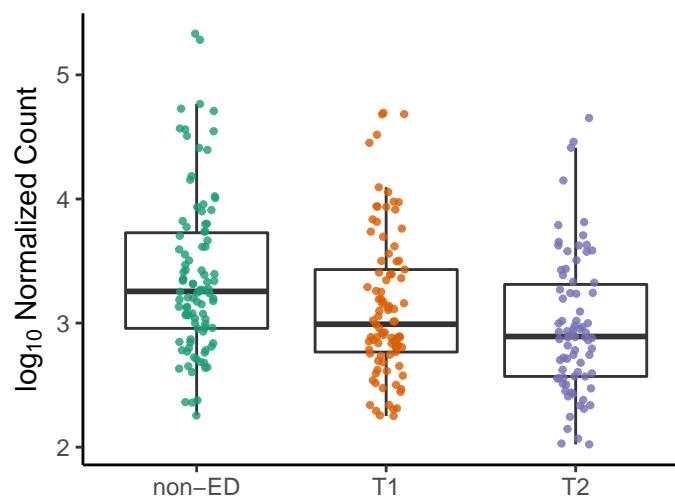
### *Frederiksenia canicola*

non-ED vs. T1 adjusted p = 0.00057  
 non-ED vs. T2 adjusted p = 0.00085  
 T1 vs. T2 adjusted p = 0.91



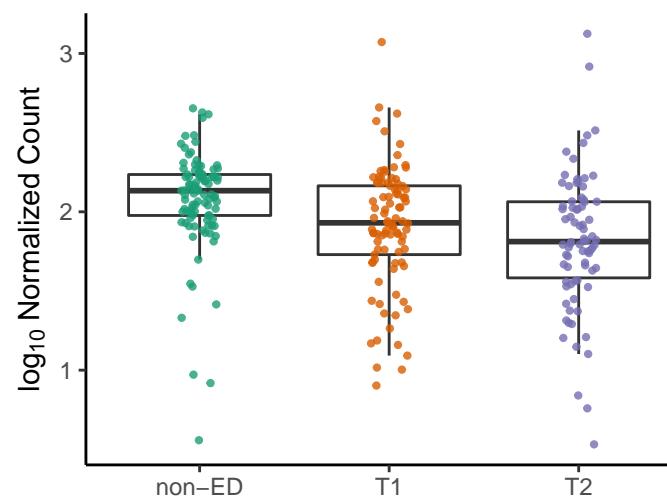
### Turicibacter sp. H121

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.00085  
T1 vs. T2 adjusted p = 0.67



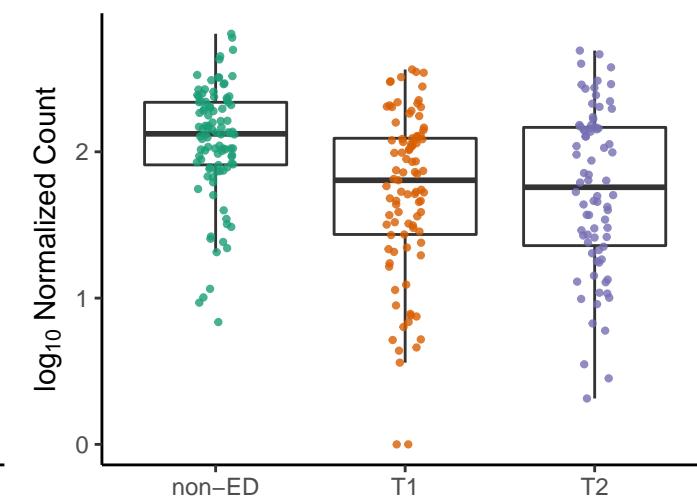
### Bacillus sp. N1-1

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.00089  
T1 vs. T2 adjusted p = 0.67



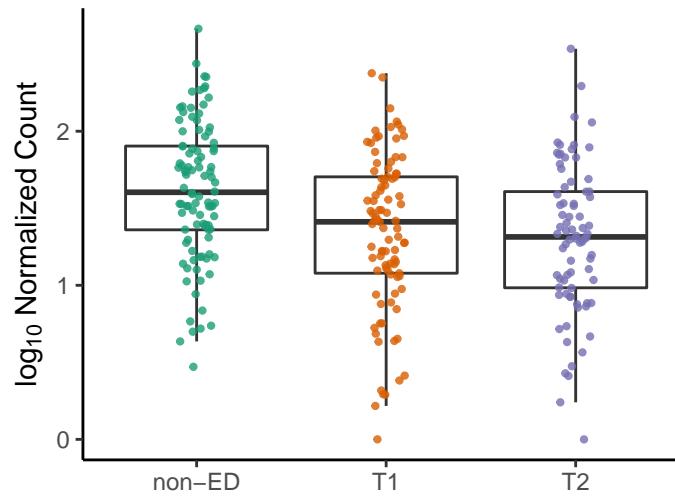
### Unclassified Leisingera Genus

non-ED vs. T1 adjusted p = 0.00012  
non-ED vs. T2 adjusted p = 0.00089  
T1 vs. T2 adjusted p = 0.82



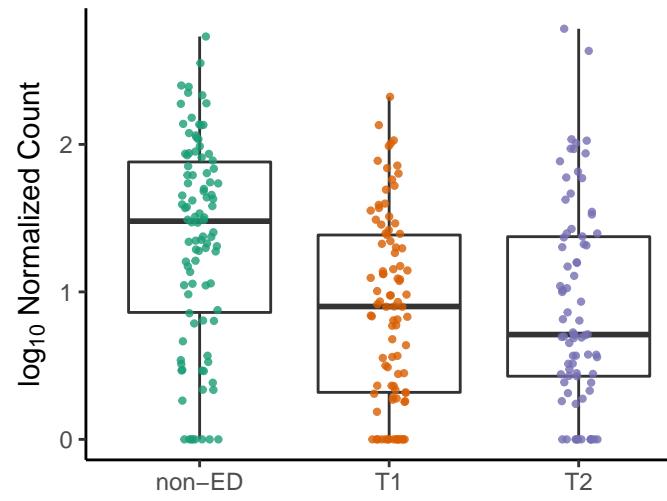
### Serratia quinivorans

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.00098  
T1 vs. T2 adjusted p = 0.95



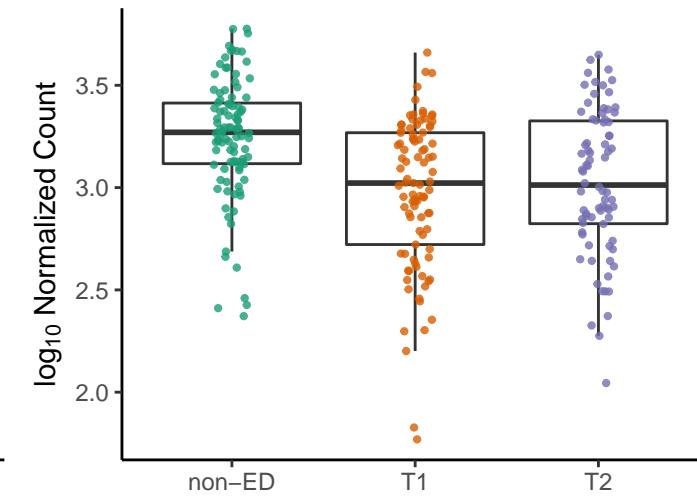
### Unclassified Chroococcales Order

non-ED vs. T1 adjusted p = 0.00022  
non-ED vs. T2 adjusted p = 0.001  
T1 vs. T2 adjusted p = 1



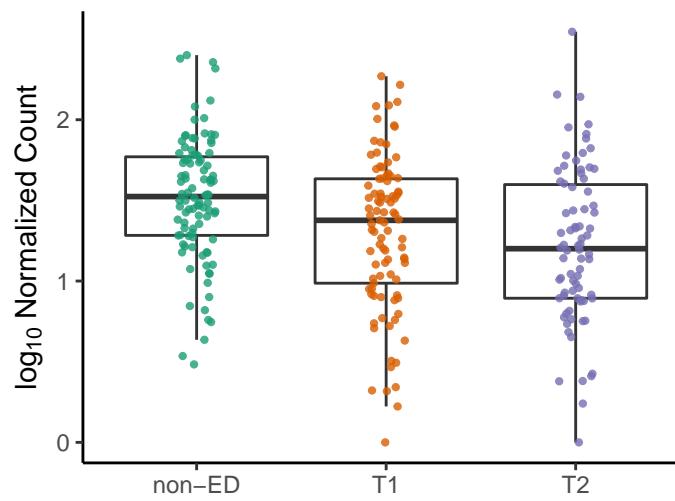
### Faecalibaculum rodentium

non-ED vs. T1 adjusted p = 2.3e-05  
non-ED vs. T2 adjusted p = 0.001  
T1 vs. T2 adjusted p = 0.67



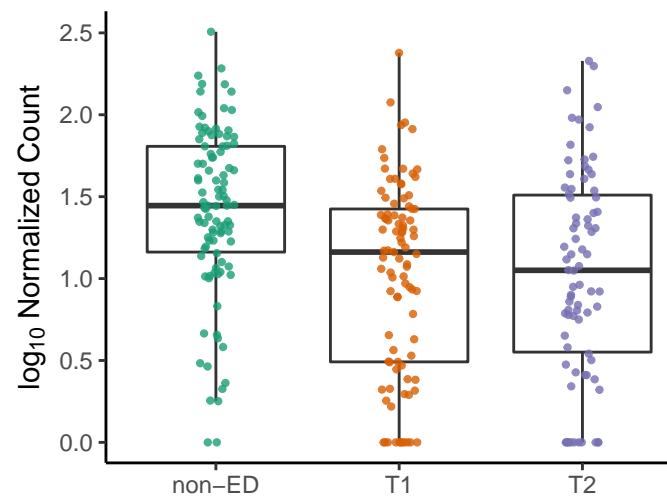
### Methanococcus voltae

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.001  
T1 vs. T2 adjusted p = 0.71



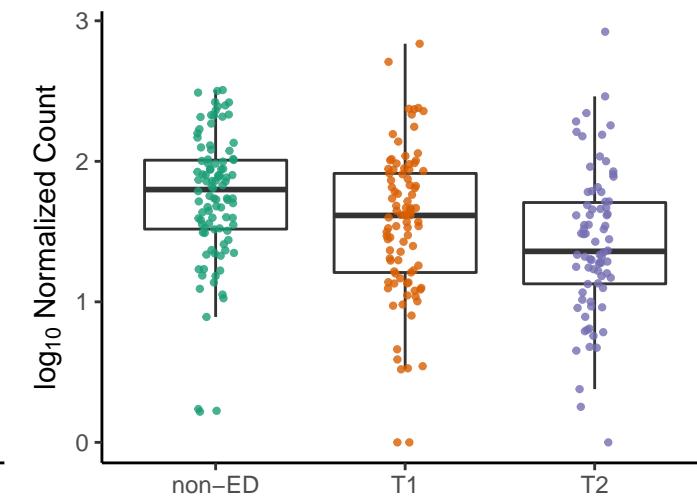
### Rathayibacter sp. VKM Ac-2805

non-ED vs. T1 adjusted p = 0.00017  
non-ED vs. T2 adjusted p = 0.001  
T1 vs. T2 adjusted p = 0.88

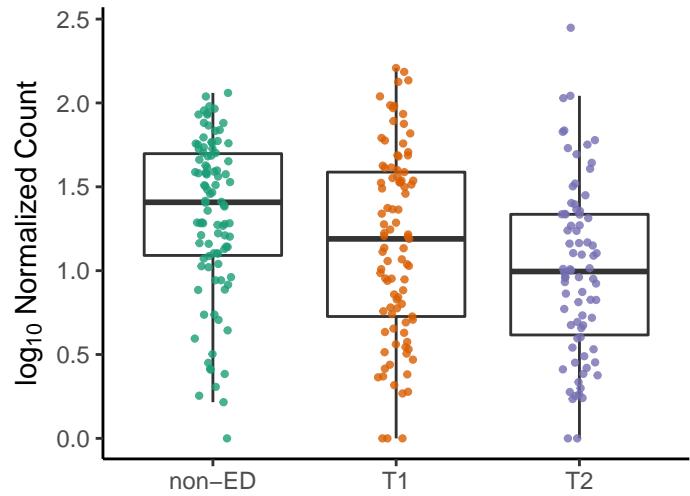


### Sneathia amnii

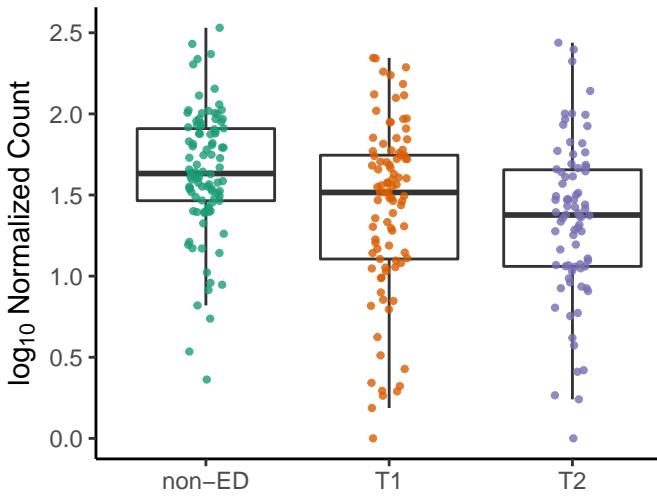
non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.001  
T1 vs. T2 adjusted p = 0.55



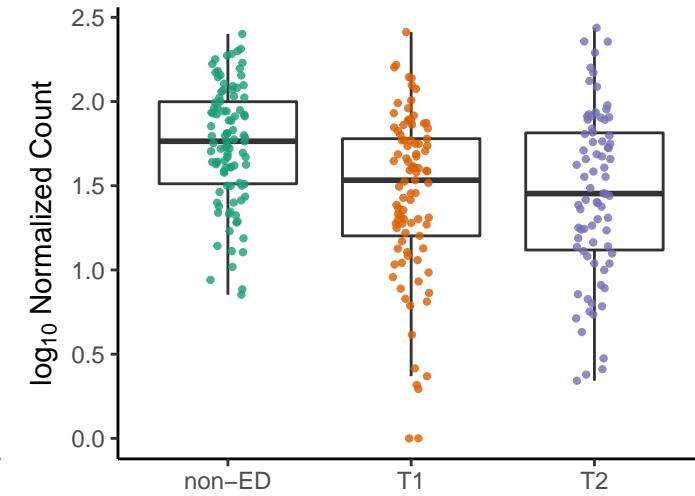
**Unclassified Syntrophomonadaceae Fa**  
 non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.001  
 T1 vs. T2 adjusted p = 0.59



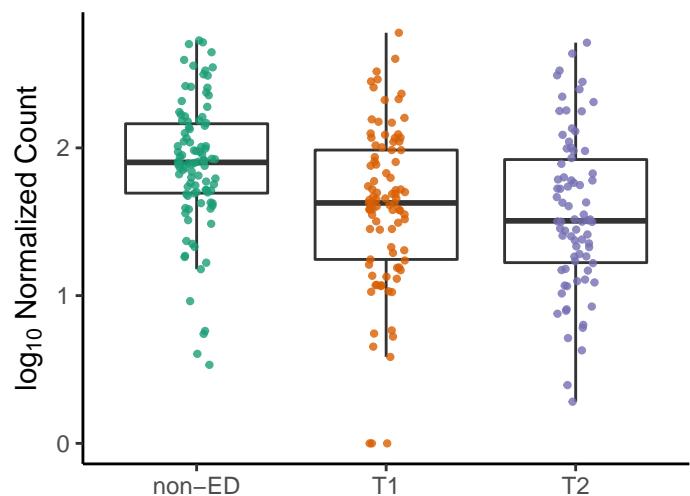
**Vibrio cidicii**  
 non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.001  
 T1 vs. T2 adjusted p = 0.75



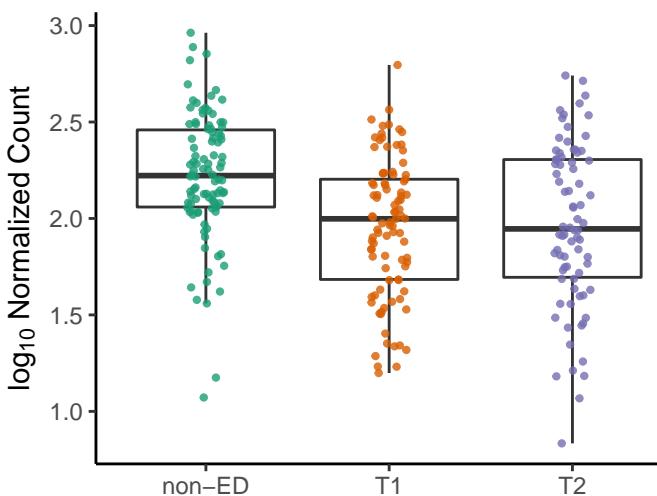
**Vibrio casei**  
 non-ED vs. T1 adjusted p = 3e-04  
 non-ED vs. T2 adjusted p = 0.001  
 T1 vs. T2 adjusted p = 0.91



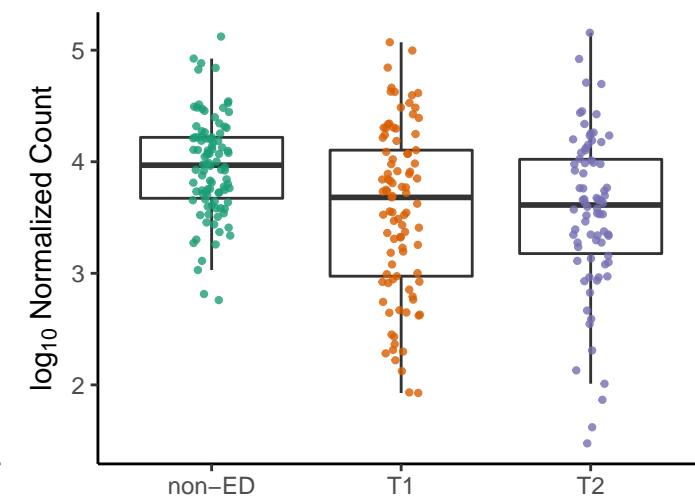
**Neisseria brasiliensis**  
 non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.99



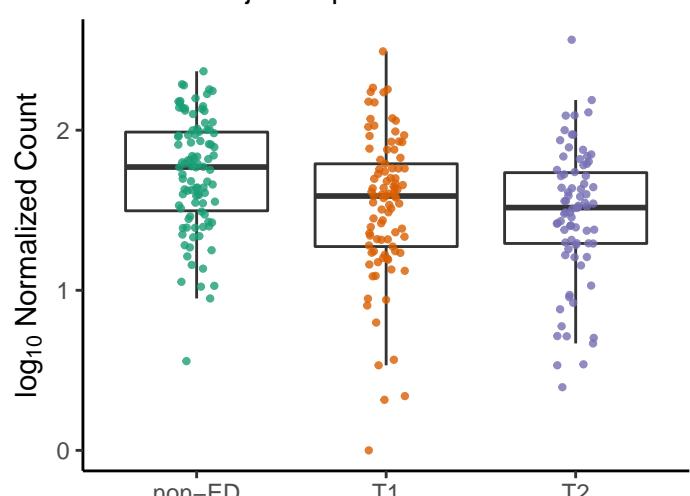
**Flavisolibacter ginsenosidimutans**  
 non-ED vs. T1 adjusted p = 5.2e-05  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.84



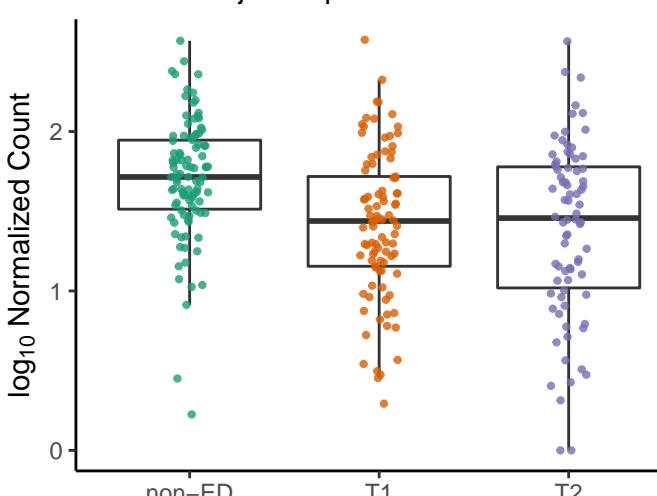
**Schaalia odontolytica**  
 non-ED vs. T1 adjusted p = 0.001  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.89



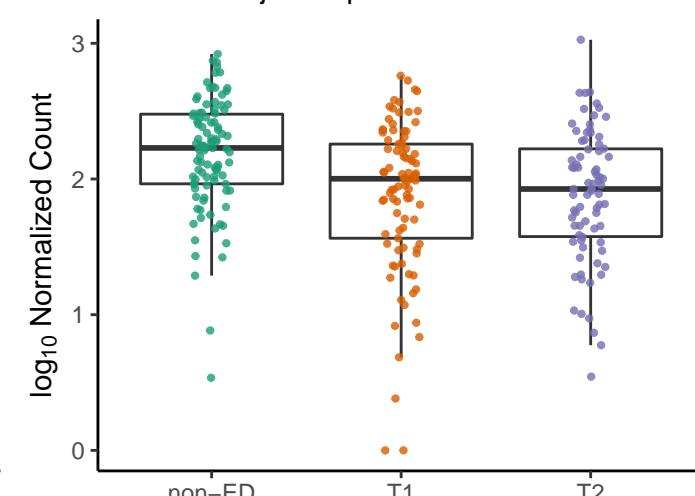
**Shewanella piezotolerans**  
 non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.68



**Ephemeroptericola cinctostellae**  
 non-ED vs. T1 adjusted p = 0.00033  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.93

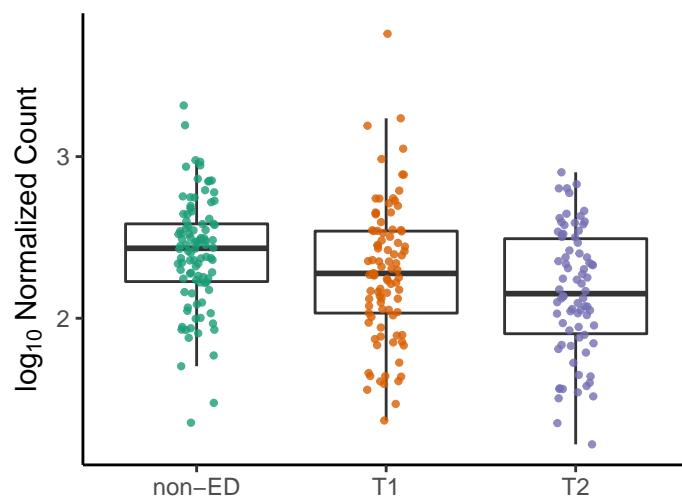


**Pseudorhodoplanes sinuspersici**  
 non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.0011  
 T1 vs. T2 adjusted p = 0.81



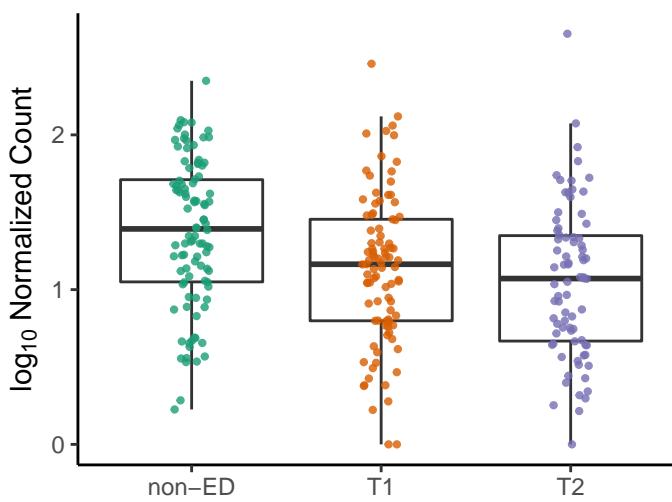
### Unclassified Kosakonia Genus

non-ED vs. T1 adjusted p = 0.088  
non-ED vs. T2 adjusted p = 0.0011  
T1 vs. T2 adjusted p = 0.67



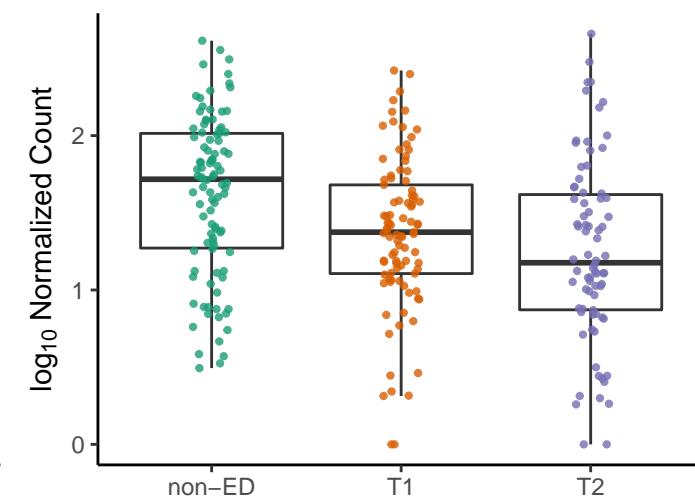
### *Glaciecola* sp. 4H-3-7+YE-5

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.0011  
T1 vs. T2 adjusted p = 0.74



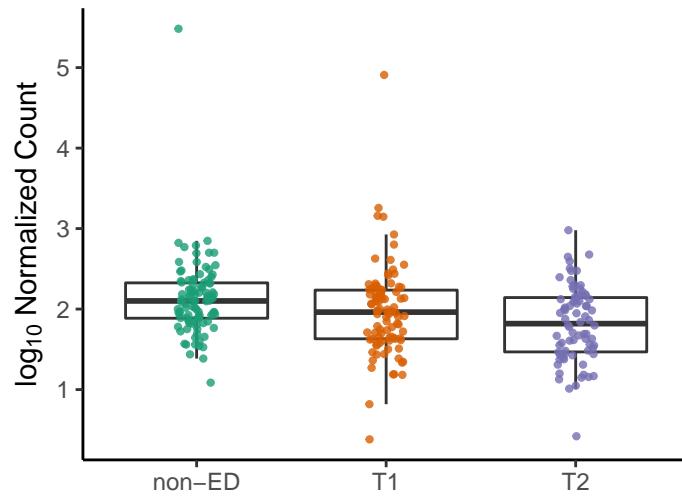
### *Pseudomonas* sp. LTJR-52

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.69



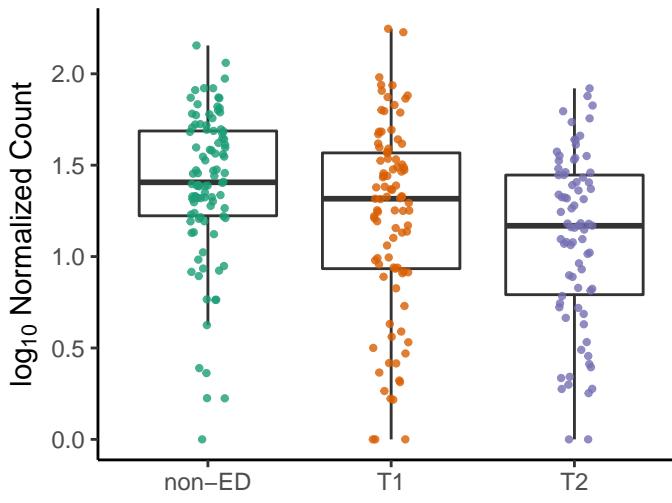
### *Raoultella planticola*

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.62



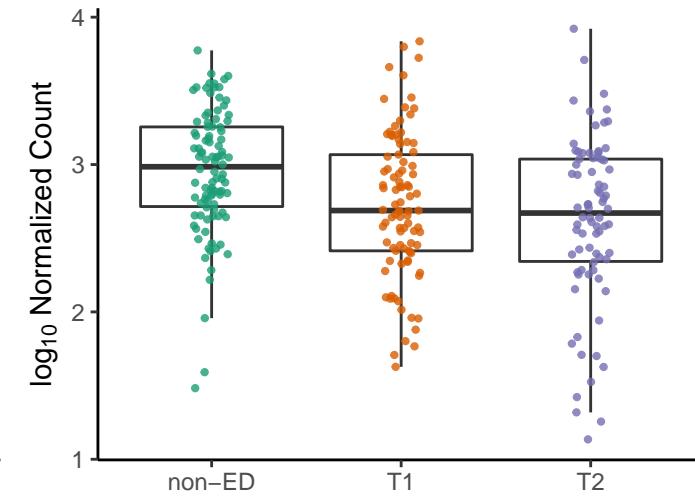
### *Thermococcus sibiricus*

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.63



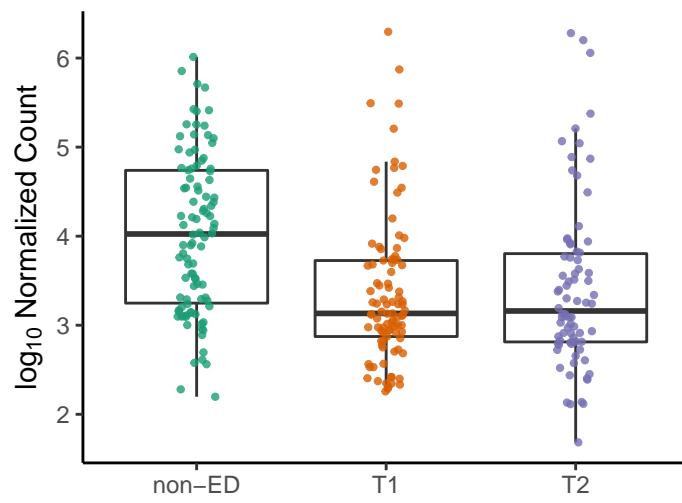
### *Streptococcus mitis*

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.68



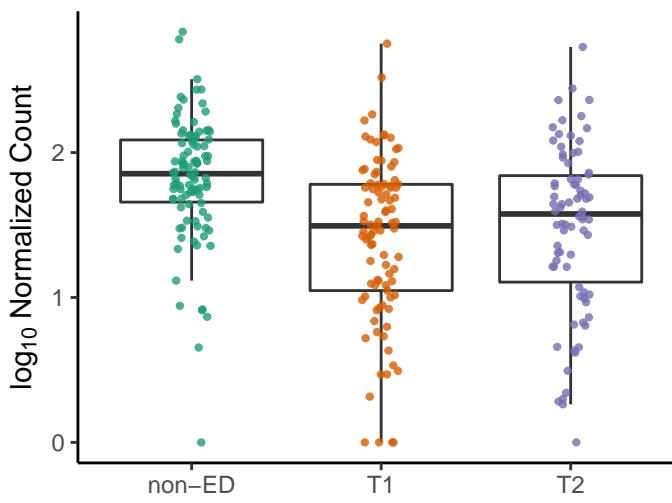
### *Bifidobacterium catenulatum*

non-ED vs. T1 adjusted p = 4.6e-05  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.7



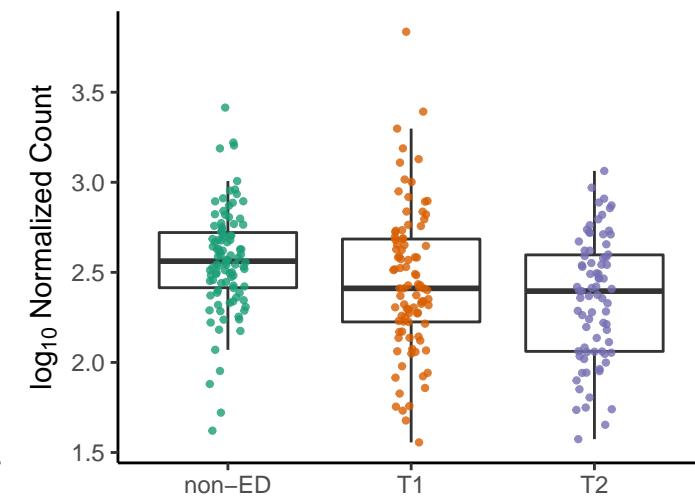
### *Burkholderia* sp. JP2-270

non-ED vs. T1 adjusted p = 1.3e-05  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.68



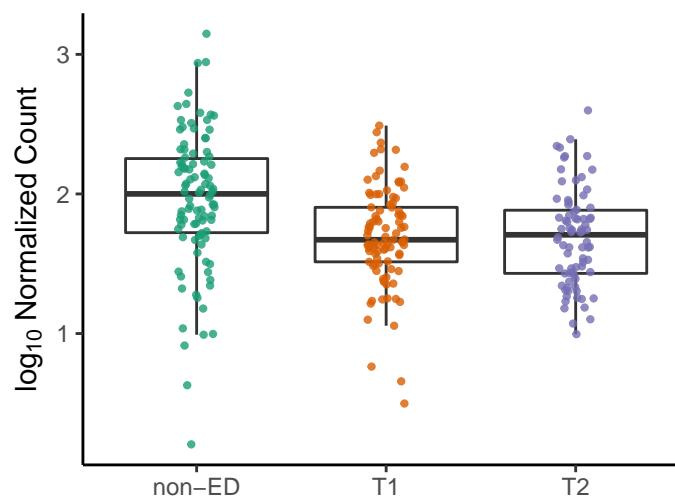
### Unclassified Leclercia Genus

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.0012  
T1 vs. T2 adjusted p = 0.74



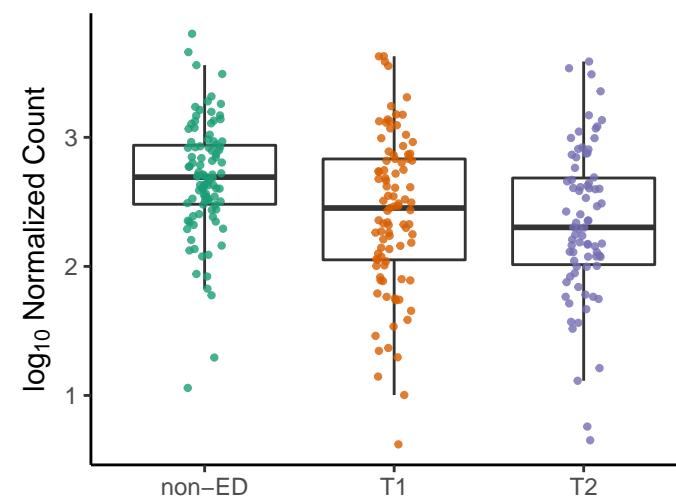
### *Aerococcus urinaehominis*

non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.82



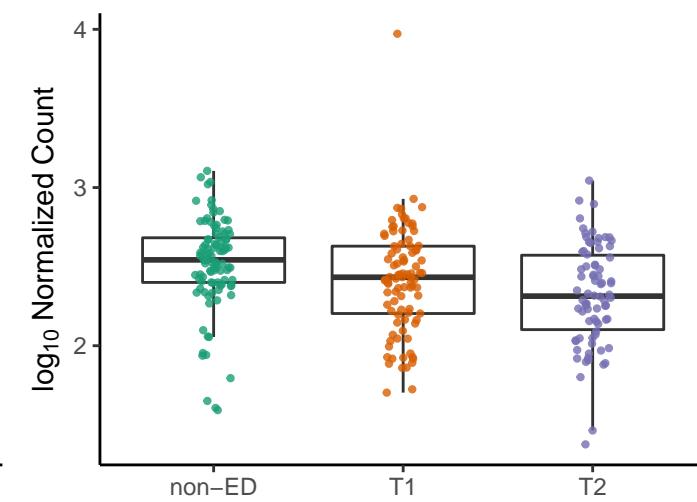
### *Streptococcus* sp. oral taxon 431

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.79



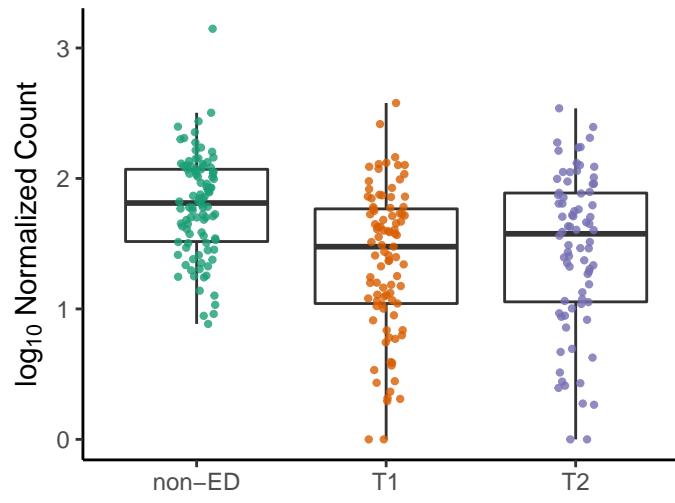
### Unclassified Nostocales Order

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.63



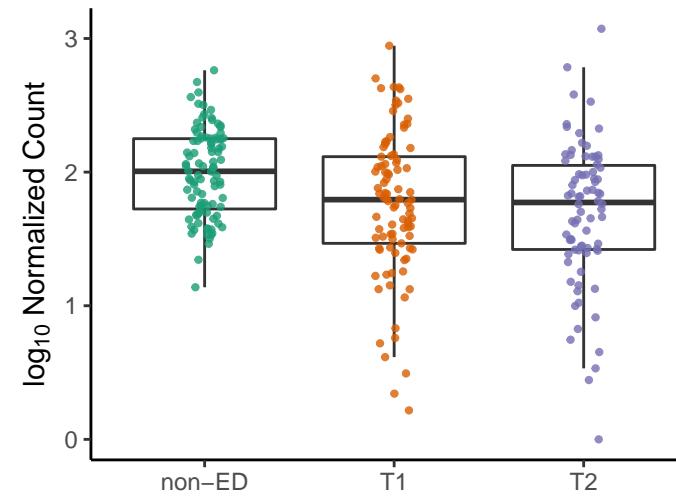
### *Bifidobacterium indicum*

non-ED vs. T1 adjusted p = 4.8e-06  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.57



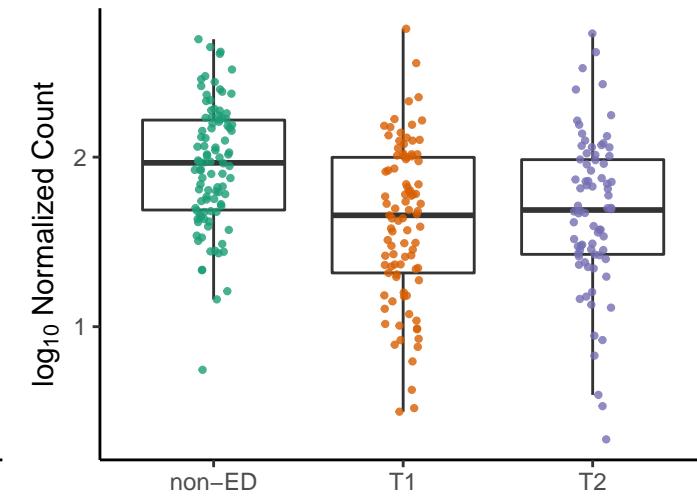
### *Brevibacterium* sp. WO024

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.73



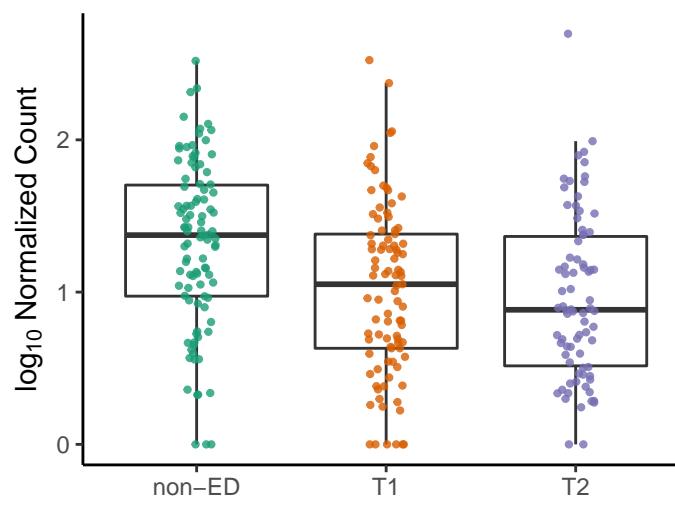
### *Lentilitoribacter* sp. Alg239-R112

non-ED vs. T1 adjusted p = 2.3e-05  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.73



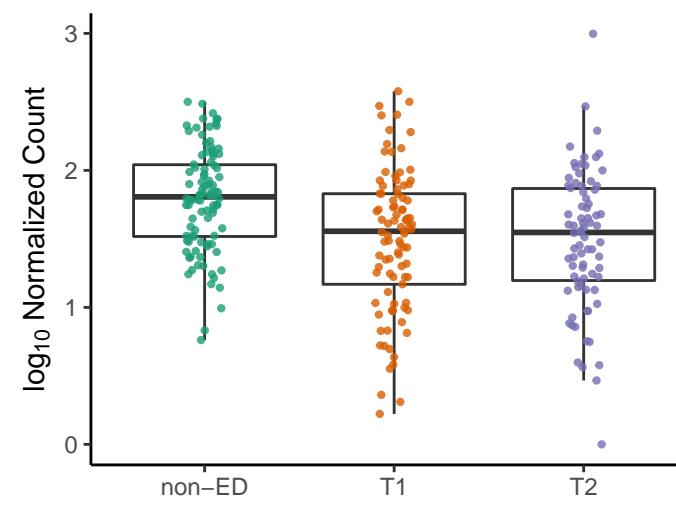
### Unclassified Cellulophaga Genus

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0012  
 T1 vs. T2 adjusted p = 0.95



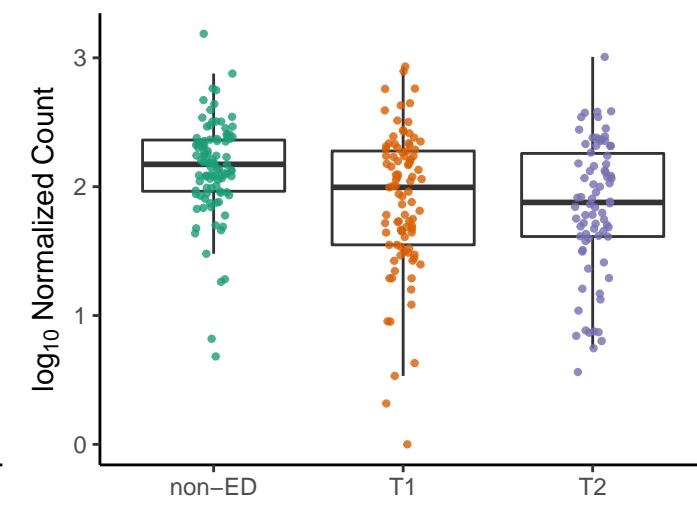
### *Bergeyella cardium*

non-ED vs. T1 adjusted p = 0.00063  
 non-ED vs. T2 adjusted p = 0.0013  
 T1 vs. T2 adjusted p = 0.86



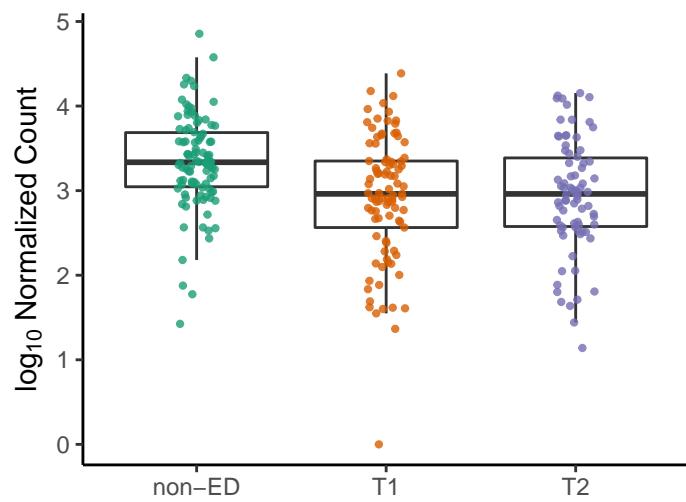
### *Dyella japonica*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0013  
 T1 vs. T2 adjusted p = 0.88



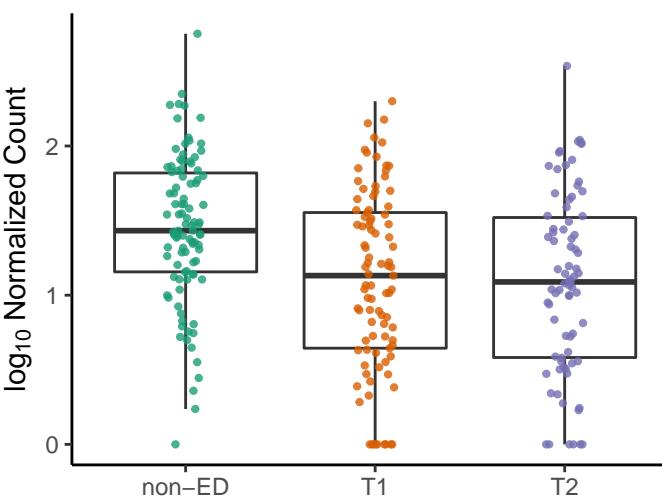
### Unclassified Coriobacteriales Order

non-ED vs. T1 adjusted p = 0.00077  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.76



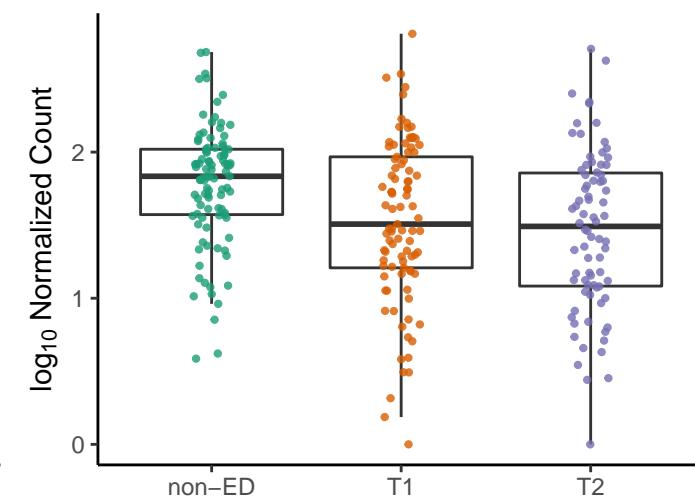
### Unclassified Ferroplasma Genus

non-ED vs. T1 adjusted p = 0.00082  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.83



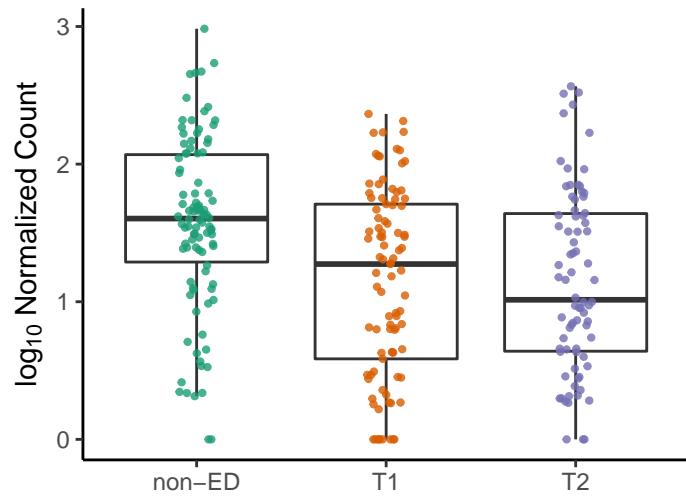
### *Sphingobium herbicidovorans*

non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.84



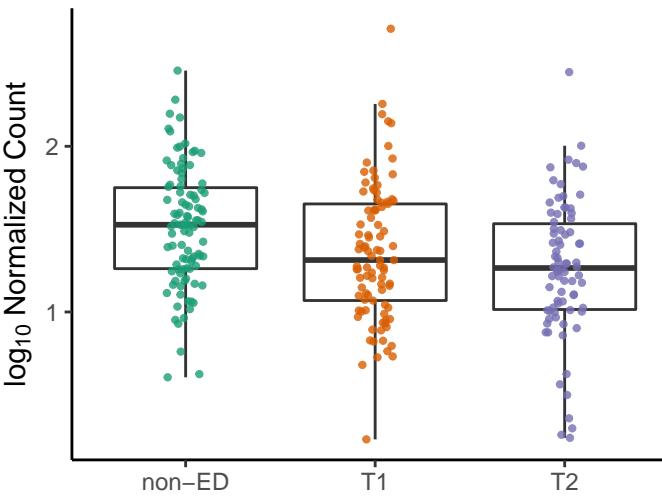
### *Streptomyces* sp. Tu6071

non-ED vs. T1 adjusted p = 7e-04  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.8



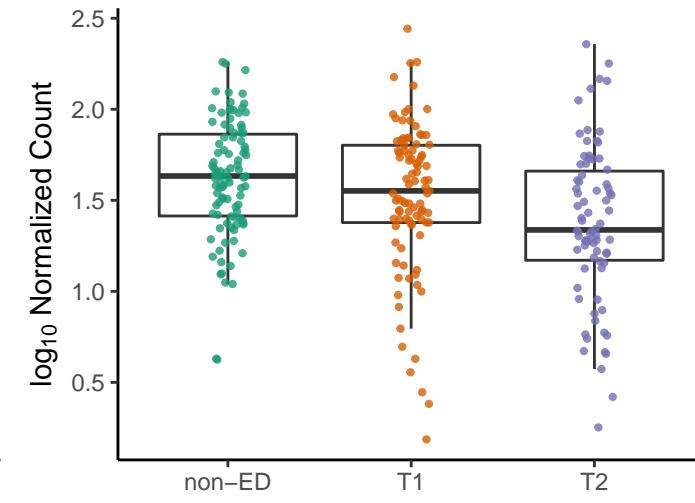
### *Shewanella donghaensis*

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.67



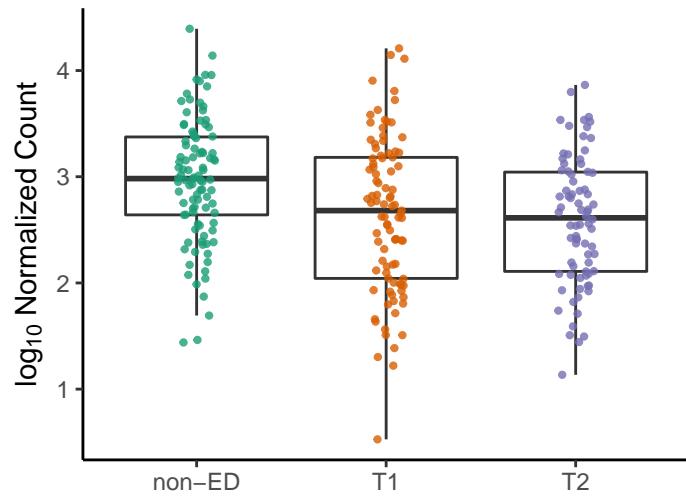
### *Candidatus Hamiltonella defensa*

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.0014  
T1 vs. T2 adjusted p = 0.51



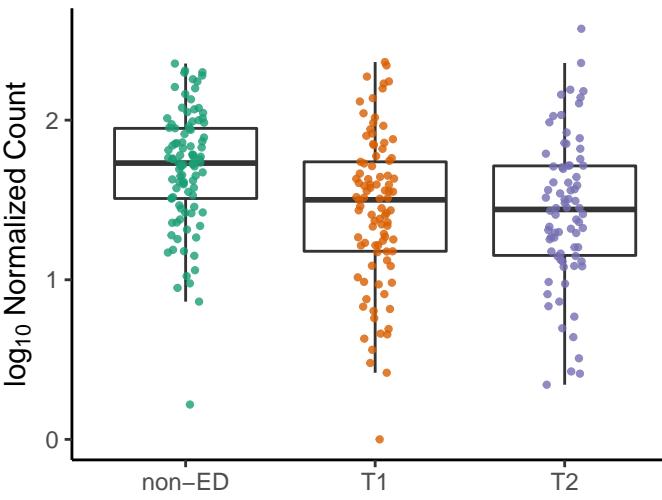
### *Streptococcus* sp. A12

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.0014  
T1 vs. T2 adjusted p = 0.86



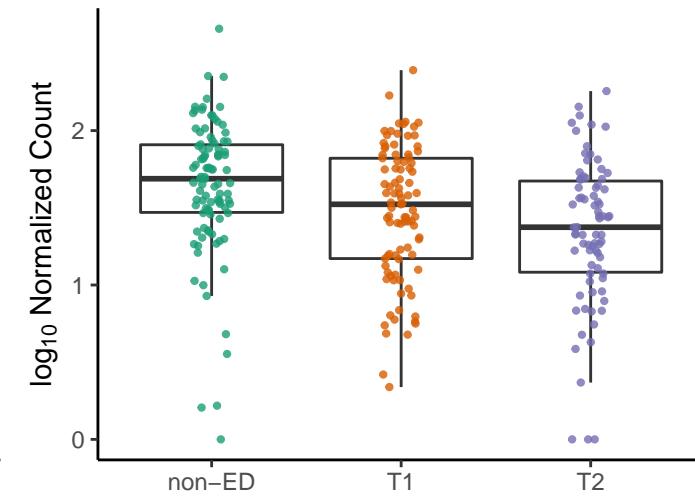
### *Actinobacillus porcitonsillarum*

non-ED vs. T1 adjusted p = 0.0013  
non-ED vs. T2 adjusted p = 0.0014  
T1 vs. T2 adjusted p = 0.9



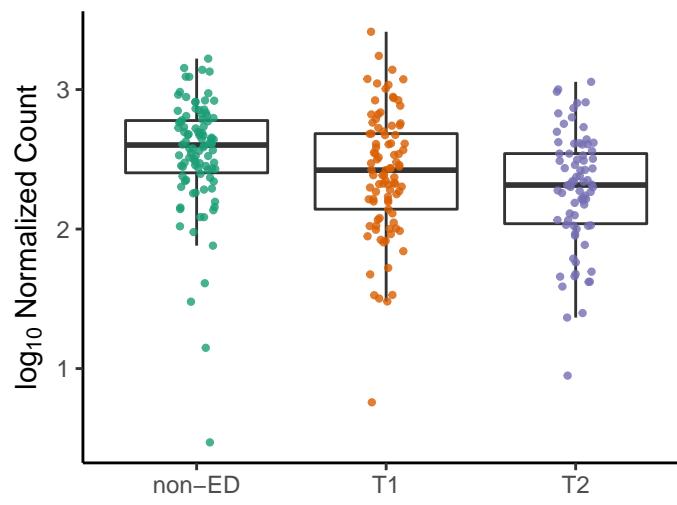
### *Arcobacter skirrowii*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.0014  
T1 vs. T2 adjusted p = 0.44



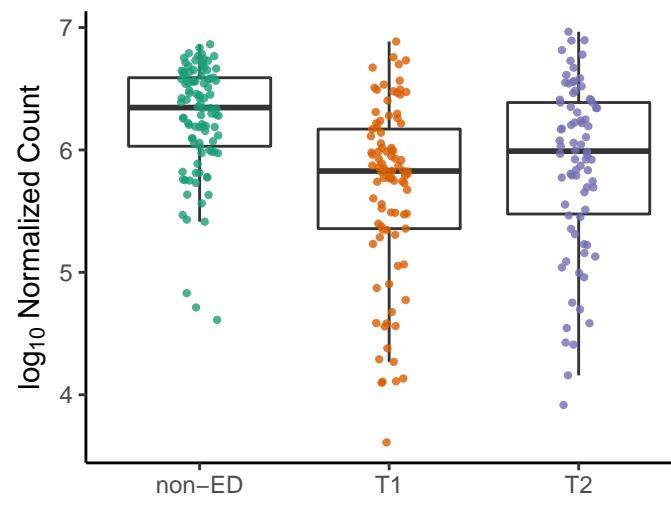
### *Clostridium isatidis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.0014  
 T1 vs. T2 adjusted p = 0.5



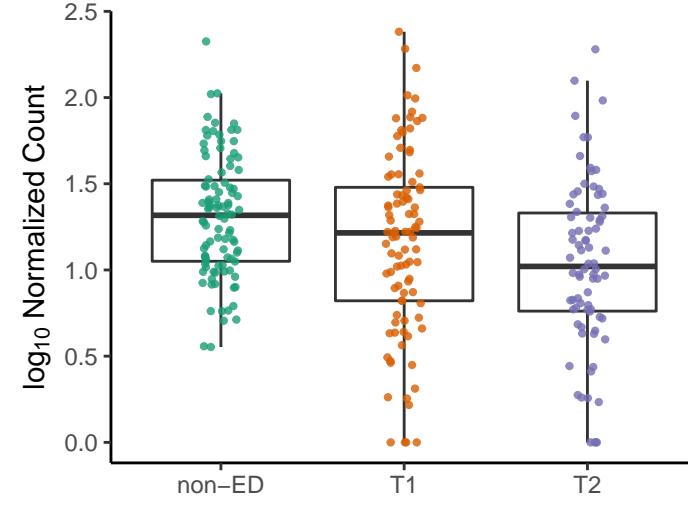
### *Faecalibacterium prausnitzii*

non-ED vs. T1 adjusted p = 8.9e-07  
 non-ED vs. T2 adjusted p = 0.0014  
 T1 vs. T2 adjusted p = 0.23



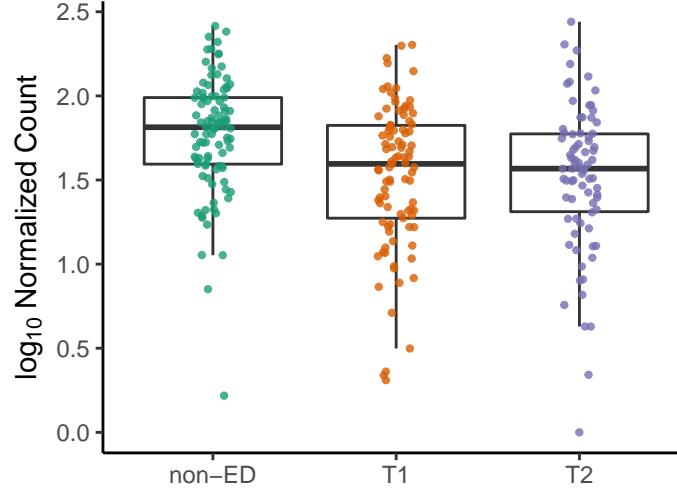
### TM7 phylum sp. oral taxon 488

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.0014  
 T1 vs. T2 adjusted p = 0.63



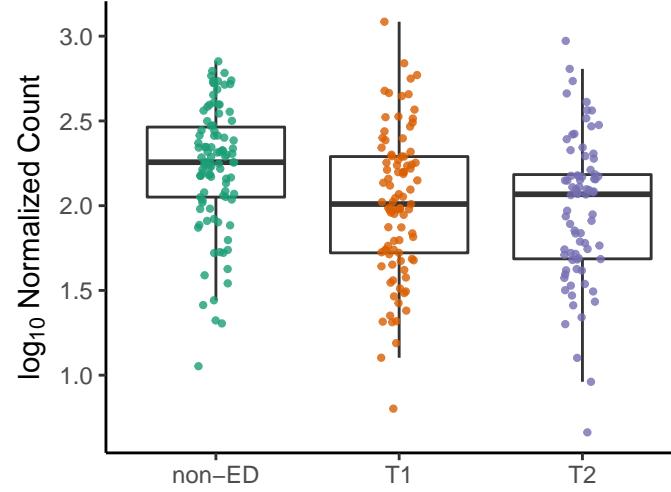
### *Vagococcus* sp. HDW17A

non-ED vs. T1 adjusted p = 0.00082  
 non-ED vs. T2 adjusted p = 0.0014  
 T1 vs. T2 adjusted p = 0.97



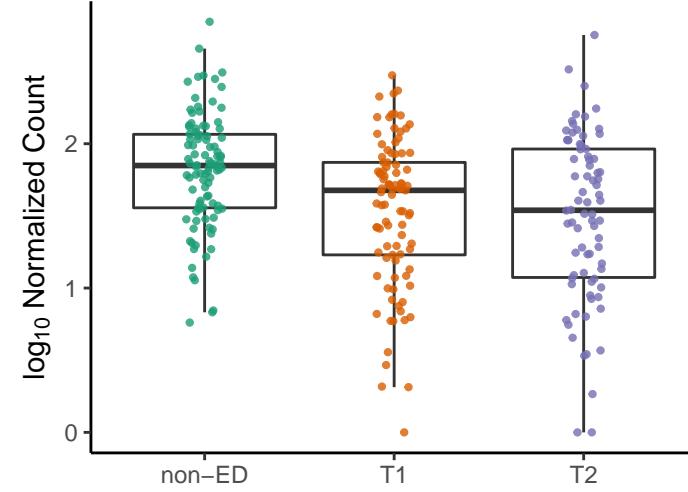
### *Lactobacillus manihotivorans*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.0015  
 T1 vs. T2 adjusted p = 0.82



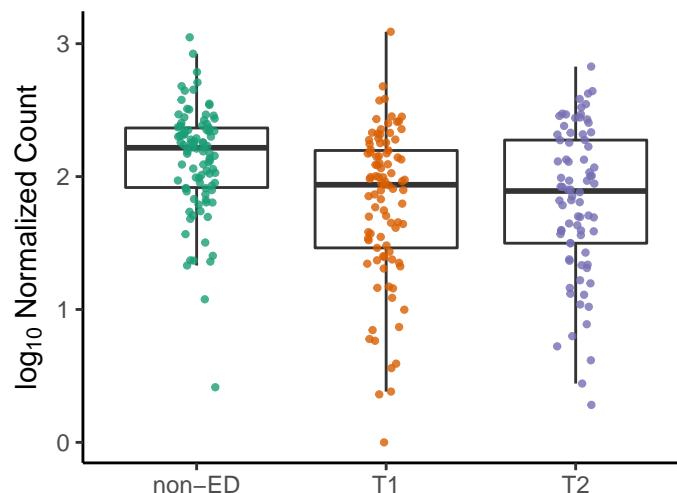
### Unclassified Gluconobacter Genus

non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.0015  
 T1 vs. T2 adjusted p = 0.97



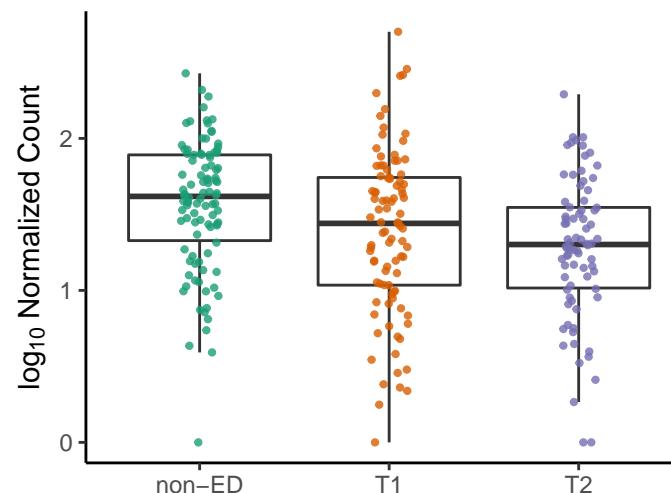
### *Acidovorax* sp. HDW3

non-ED vs. T1 adjusted p = 0.00039  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.75



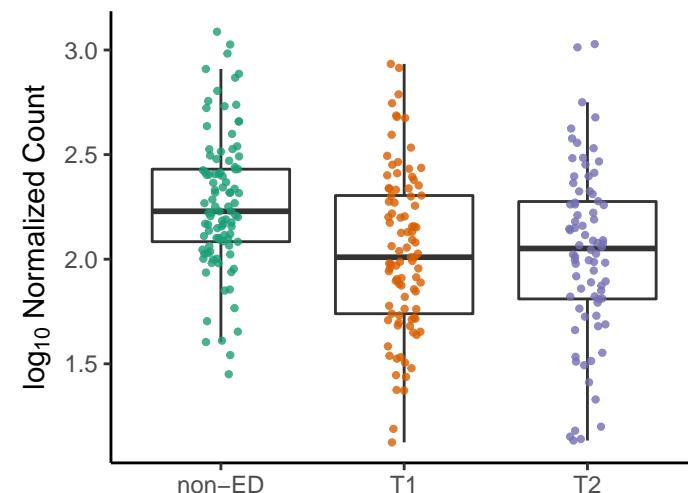
### *Nostoc* sp. *Lobaria pulmonaria* (5183) cy

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.67



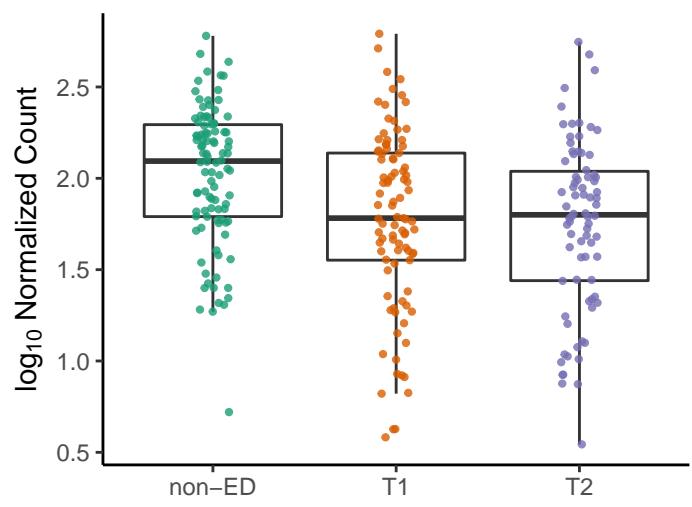
### *Phaeobacter inhibens*

non-ED vs. T1 adjusted p = 6e-04  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.8



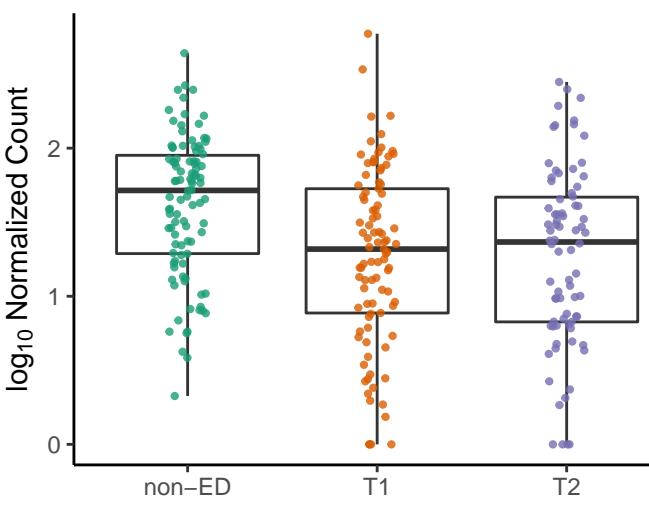
### *Variovorax* sp. PAMC 28711

non-ED vs. T1 adjusted p = 0.0031  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.94



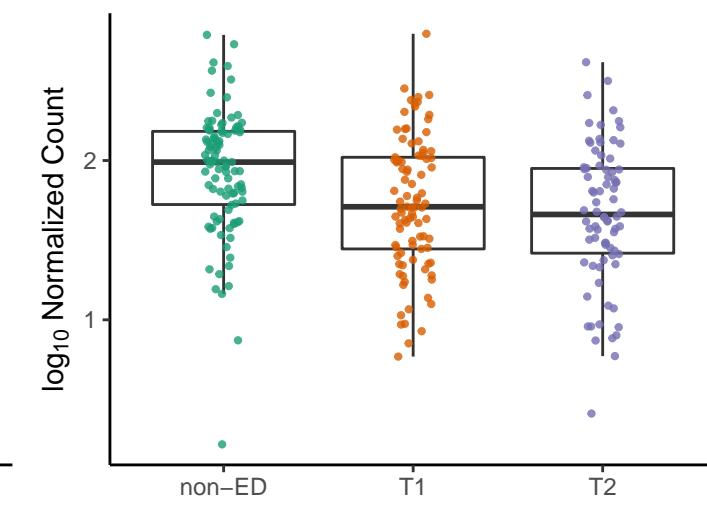
### *Plantactinospora* sp. BB1

non-ED vs. T1 adjusted p = 0.00072  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.95



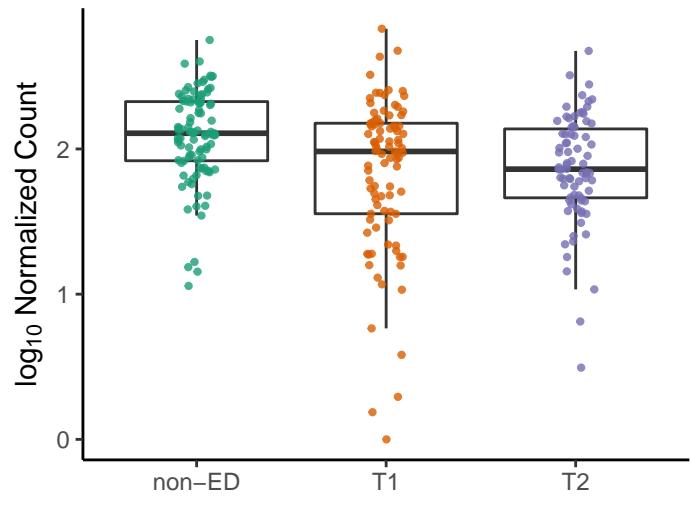
### *Acholeplasma oculi*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.77



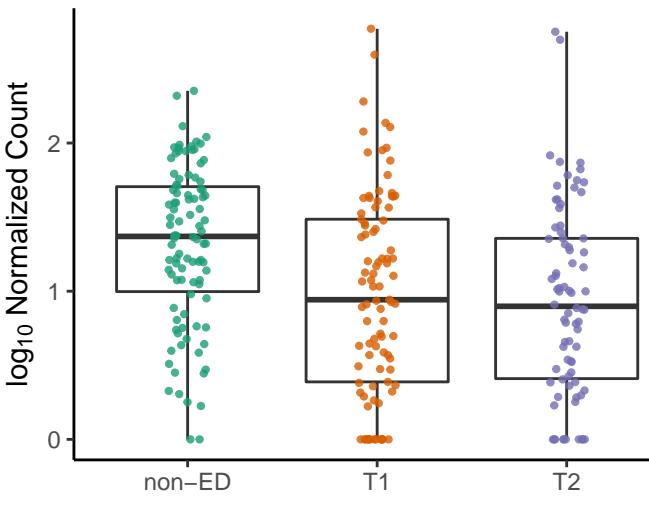
### *Gemmobacter* sp. HYN0069

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.77



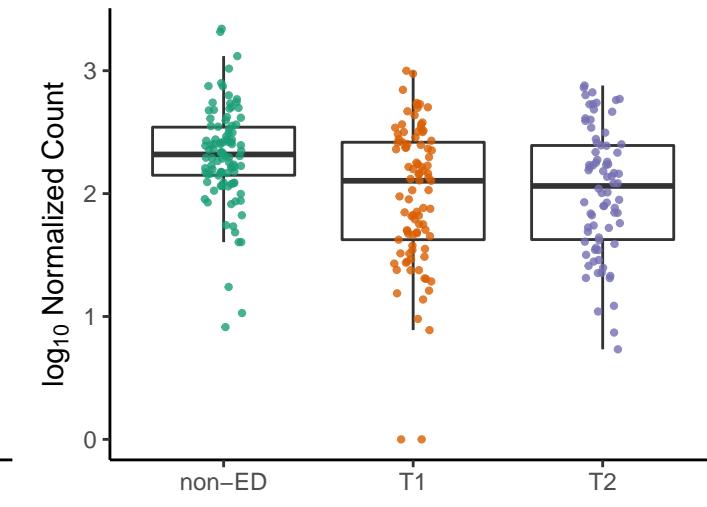
### *Pyrococcus abyssi*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.86



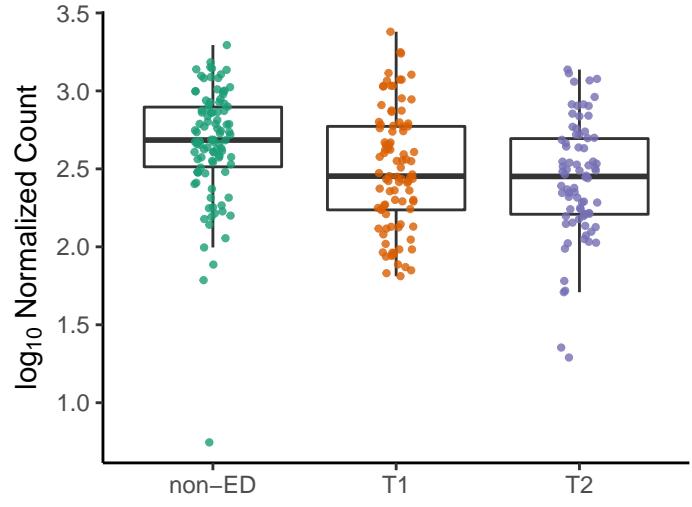
### *Arthrobacter* sp. QXT-31

non-ED vs. T1 adjusted p = 0.00047  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.76



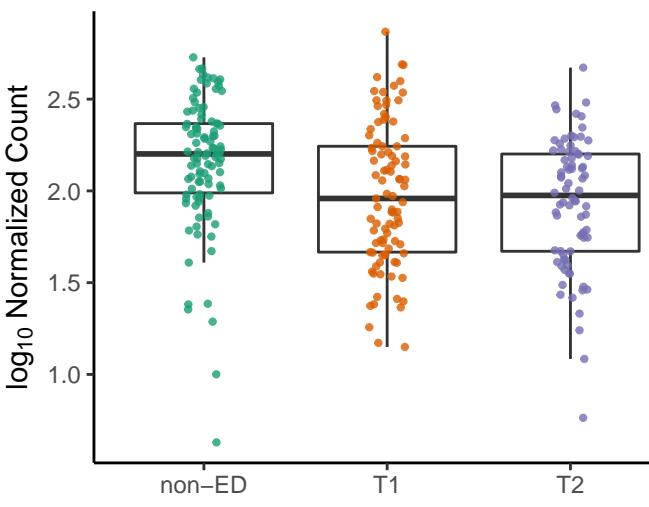
### *Clostridium novyi*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.73



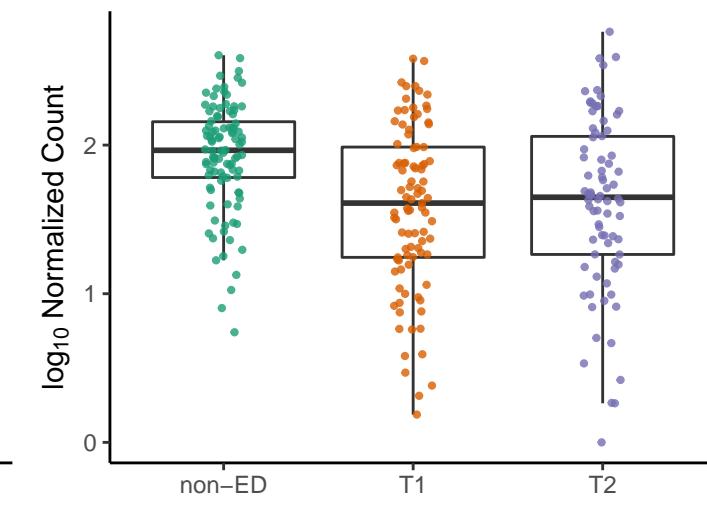
### *Thermoanaerobacterium xylanolyticum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.76



### *Xanthomonas fragariae*

non-ED vs. T1 adjusted p = 9.8e-05  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.68

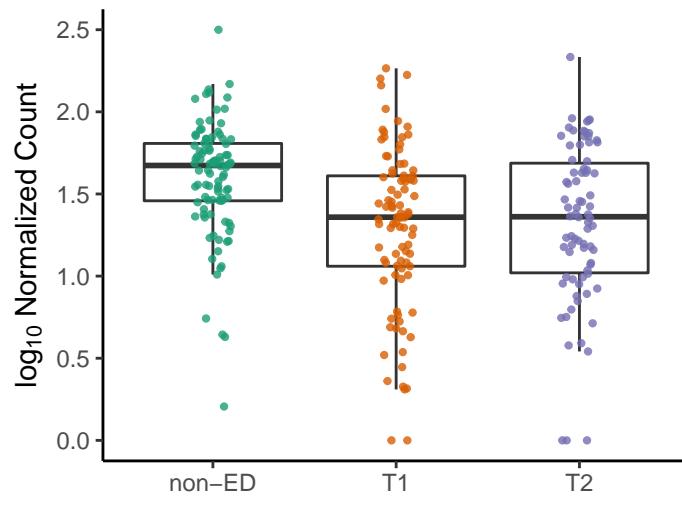


### *Formosa* sp. Hel3\_A1\_48

non-ED vs. T1 adjusted p = 0.00026

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.96

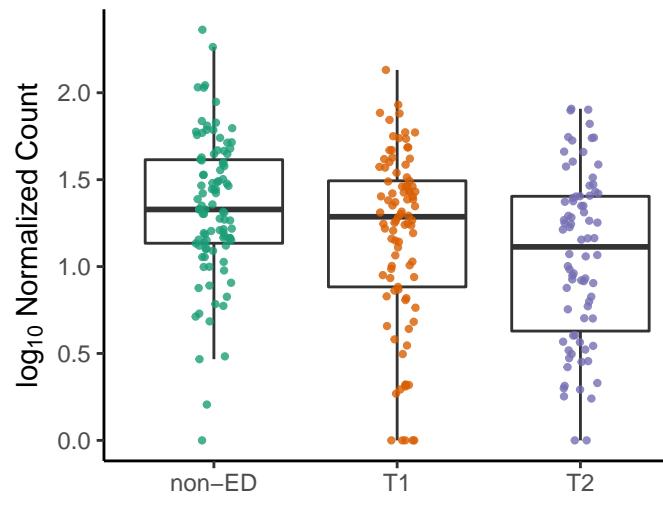


### *Sulfolobus* sp. A20

non-ED vs. T1 adjusted p = 0.048

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.66

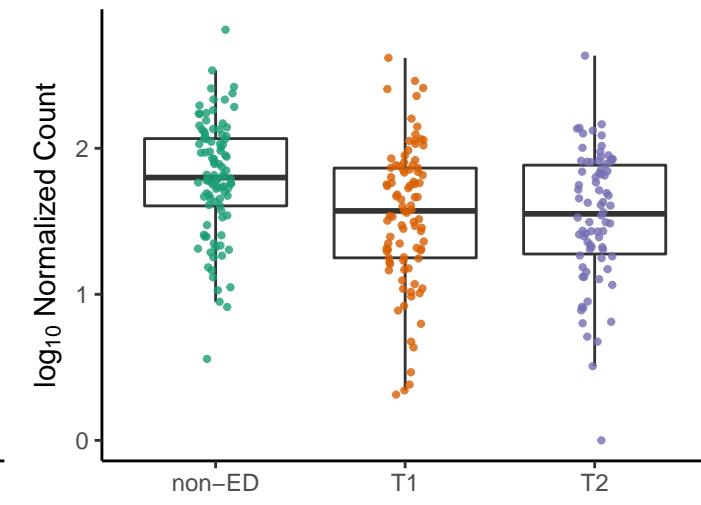


### *Pseudomonas* sp. M30–35

non-ED vs. T1 adjusted p = 0.002

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 1

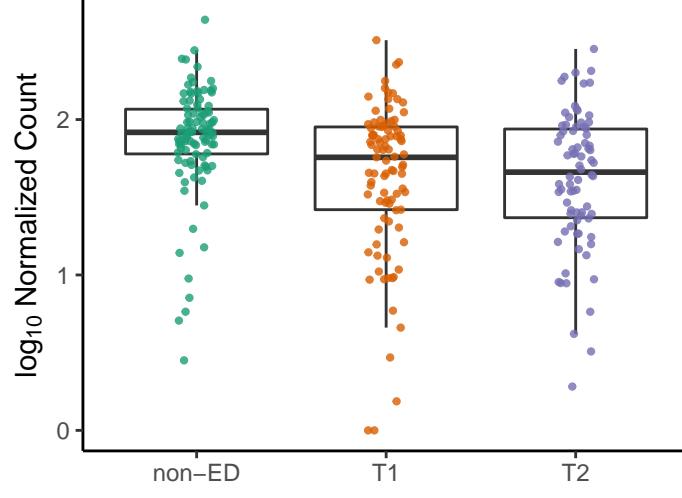


### *Halomonas* meridiana

non-ED vs. T1 adjusted p = 0.0027

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.96

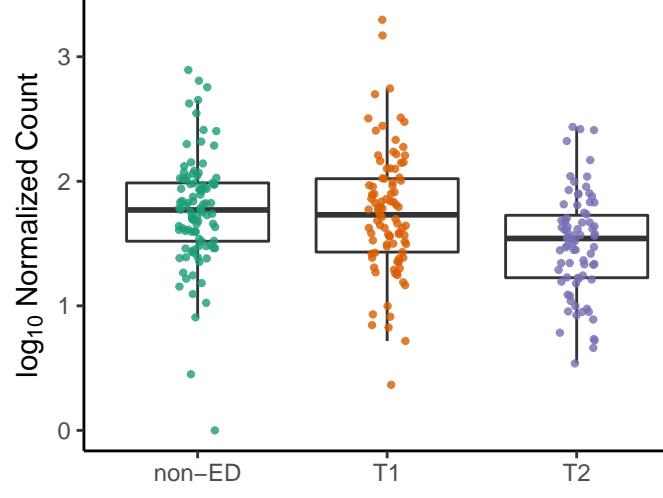


### *Enterobacter* bugandensis

non-ED vs. T1 adjusted p = 0.83

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.1

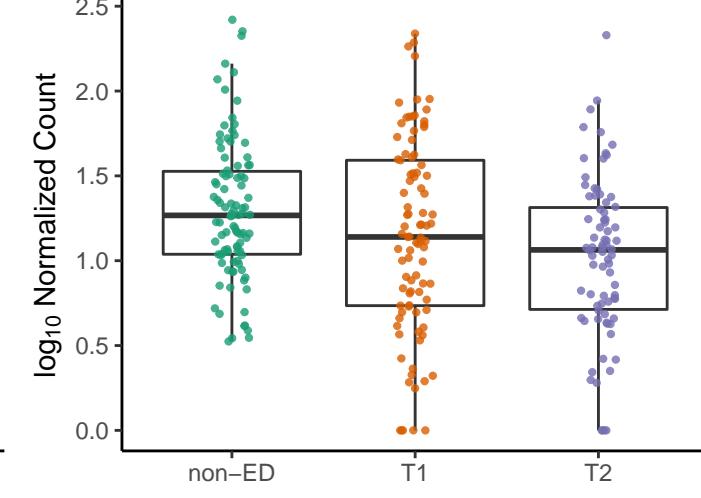


### *Candidatus Saccharibacteria bacterium*

non-ED vs. T1 adjusted p = 0.093

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.67

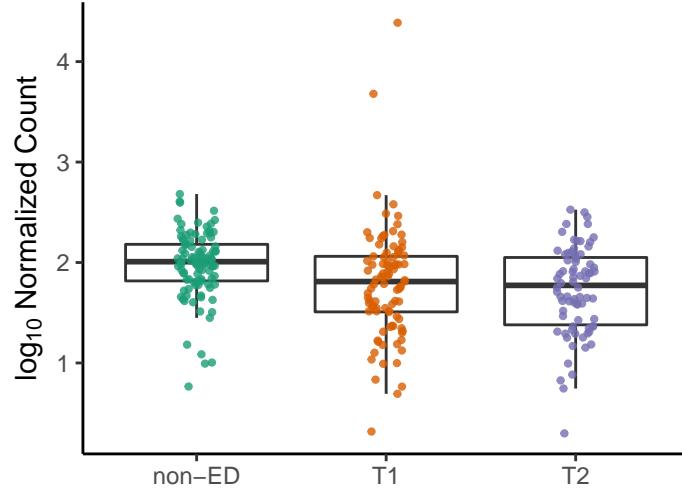


### *Comamonas* kerstersii

non-ED vs. T1 adjusted p = 0.03

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.79

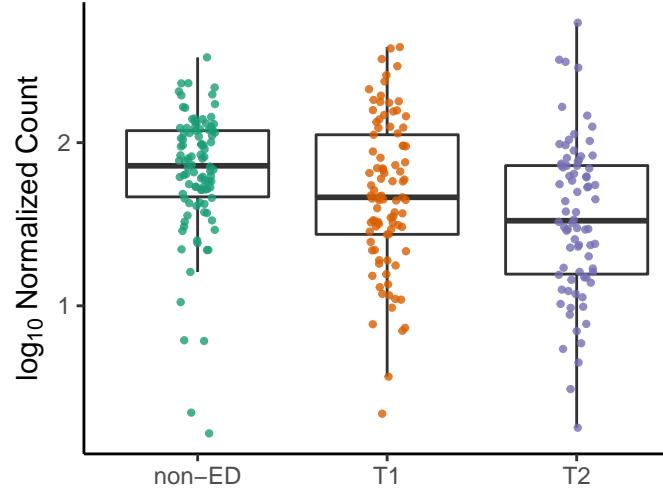


### *Flavobacteriaceae* bacterium UJ101

non-ED vs. T1 adjusted p = 0.097

non-ED vs. T2 adjusted p = 0.0017

T1 vs. T2 adjusted p = 0.48

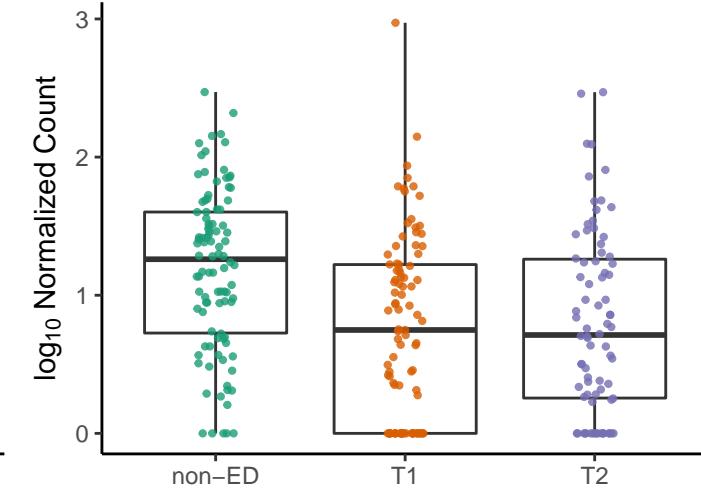


### *Pseudomonas* sp. R3–18–08

non-ED vs. T1 adjusted p = 0.00032

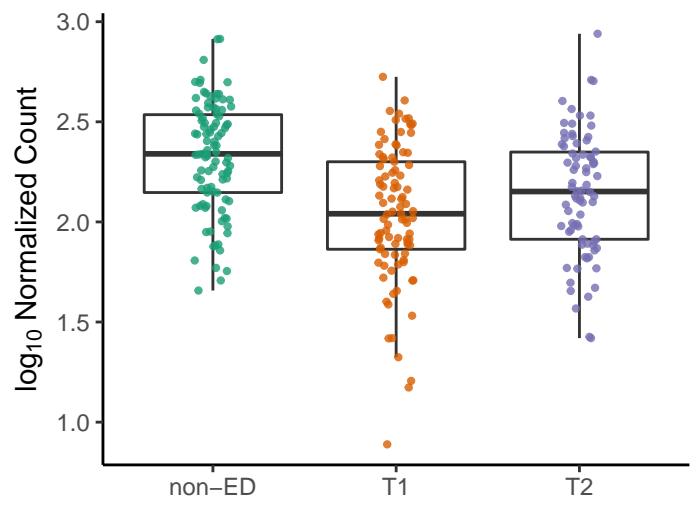
non-ED vs. T2 adjusted p = 0.0018

T1 vs. T2 adjusted p = 0.77



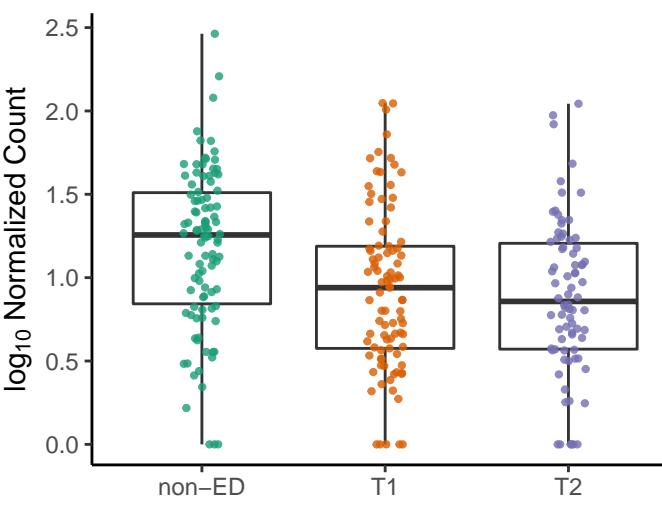
### *Brevibacterium* sp. YB235

non-ED vs. T1 adjusted p = 2e-06  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.31



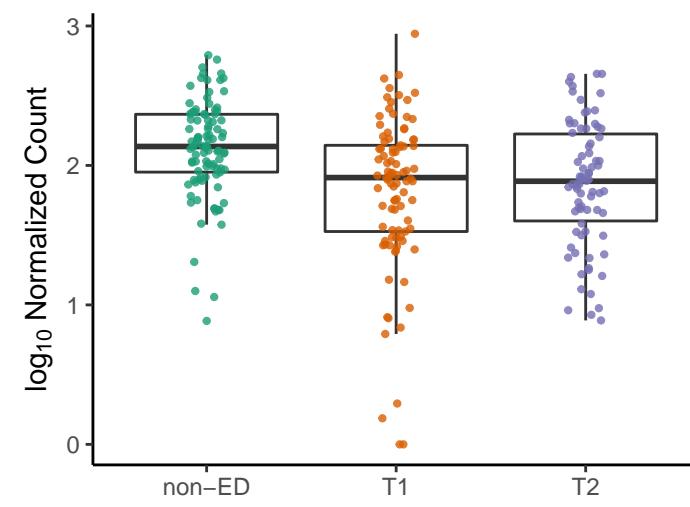
### *Ehrlichia canis*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.82



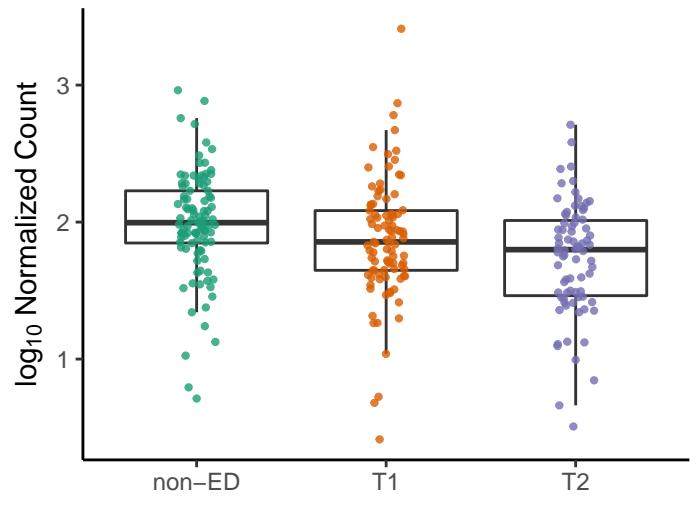
### *Ketogulonicigenium vulgare*

non-ED vs. T1 adjusted p = 0.00049  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.66



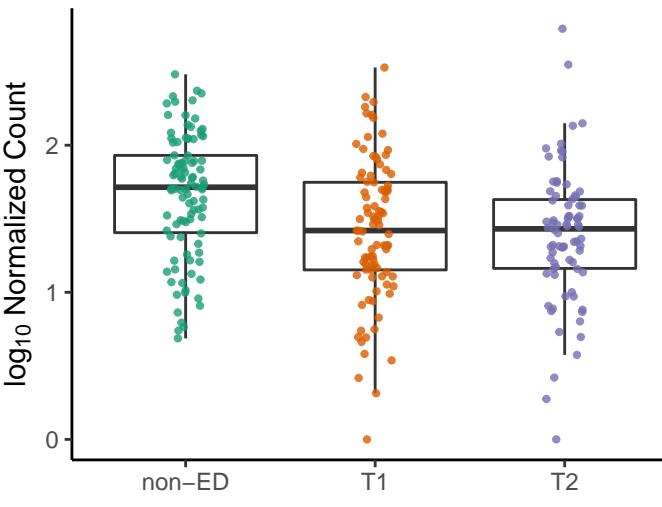
### *Lelliottia jeotgali*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.61



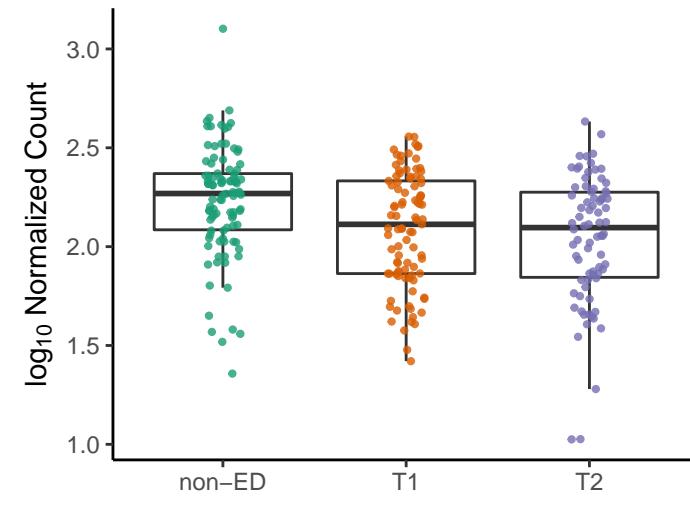
### *Mesorhizobium* sp. M7A.F.Ce.TU.012.03

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 1



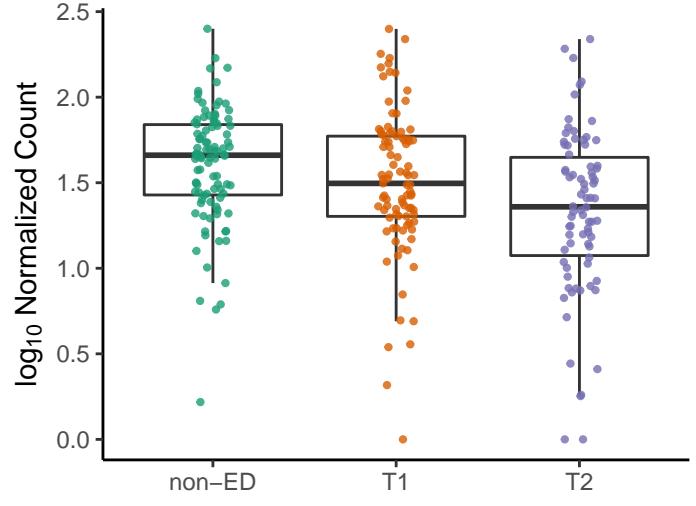
### *Polynucleobacter necessarius*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.78



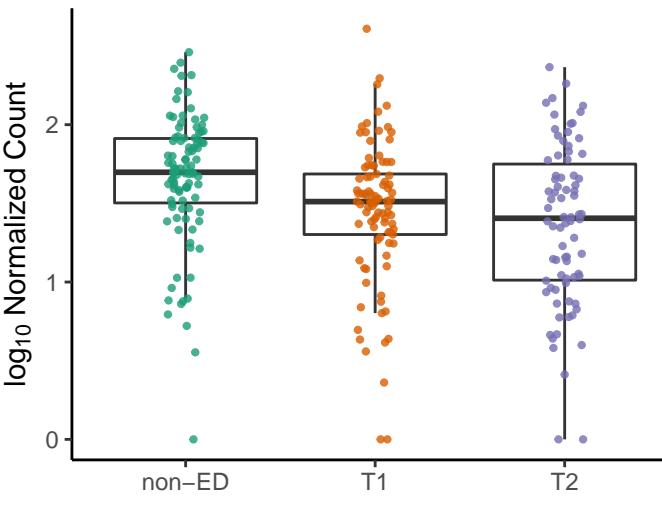
### *Dictyoglomus turgidum*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.42



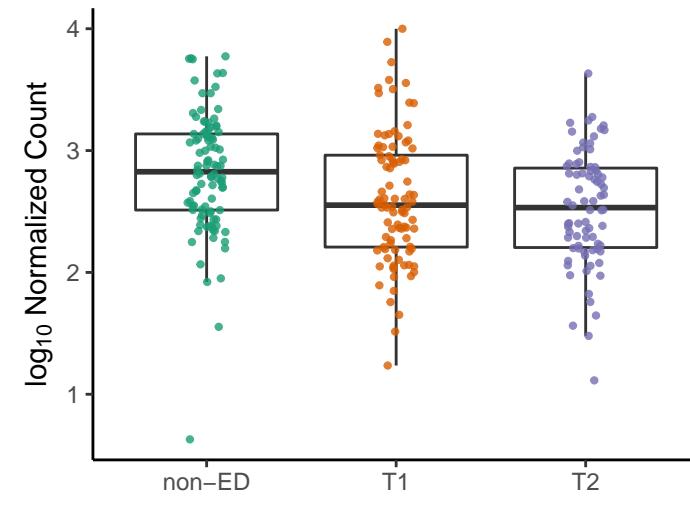
### *Winogradskyella* sp. J14-2

non-ED vs. T1 adjusted p = 0.0097  
 non-ED vs. T2 adjusted p = 0.0019  
 T1 vs. T2 adjusted p = 0.61



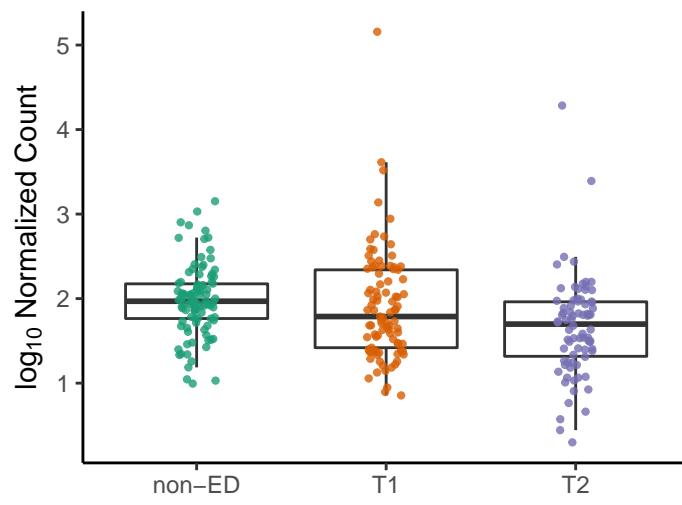
### *Romboutsia hominis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.0019  
 T1 vs. T2 adjusted p = 0.7



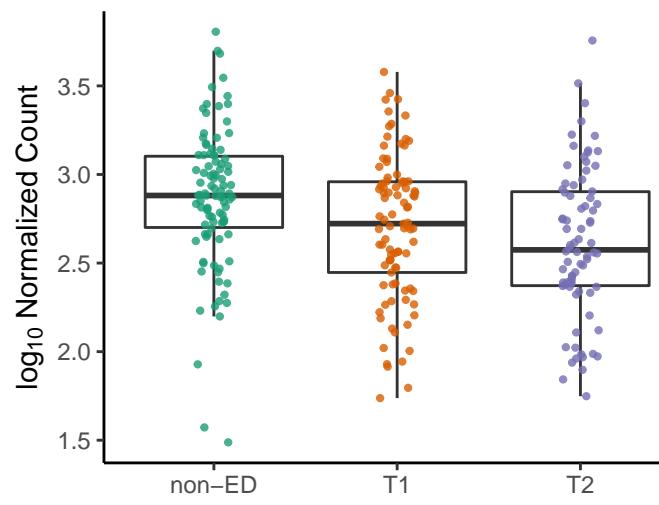
### Citrobacter werkmanii

non-ED vs. T1 adjusted p = 0.49  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.1



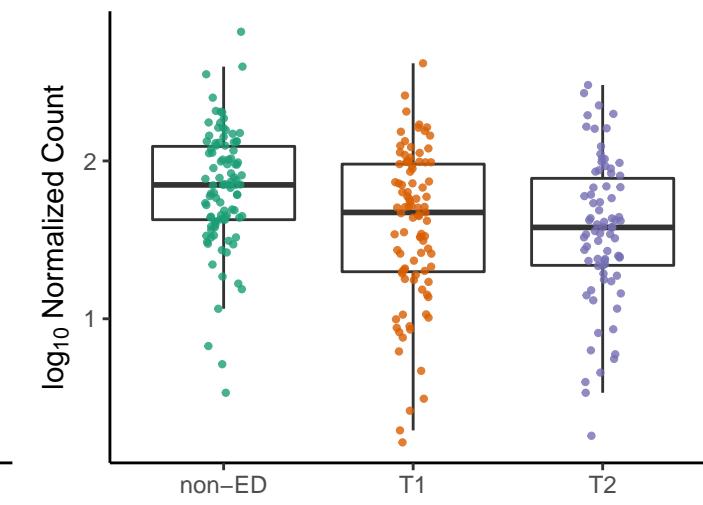
### Enterococcus cecorum

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.63



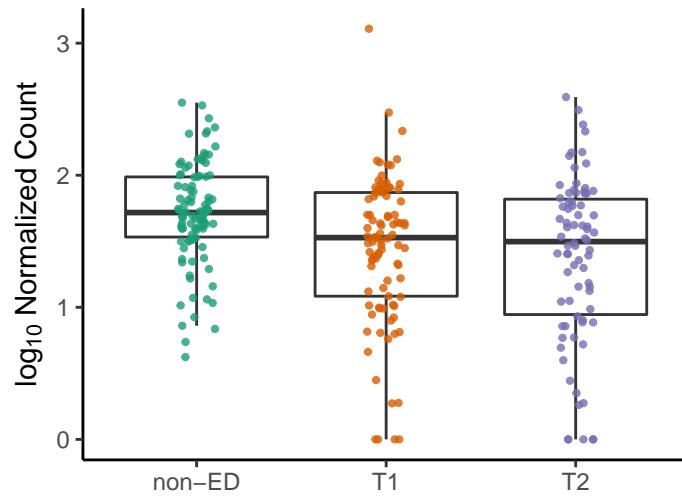
### Paraoerskovia marina

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.98



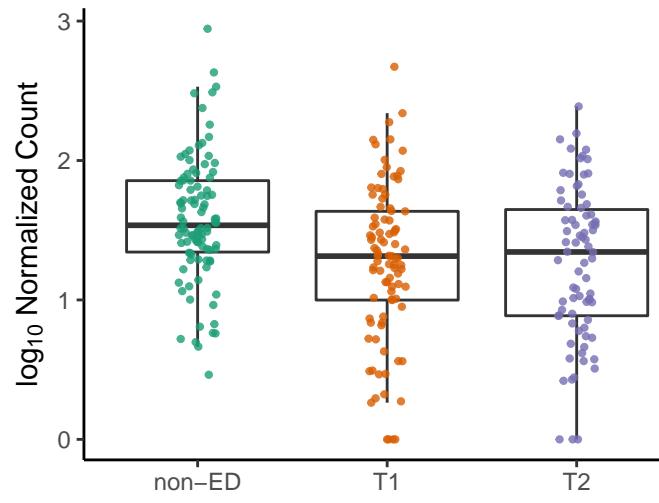
### Candidatus Saccharibacteria bacterium I

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.84



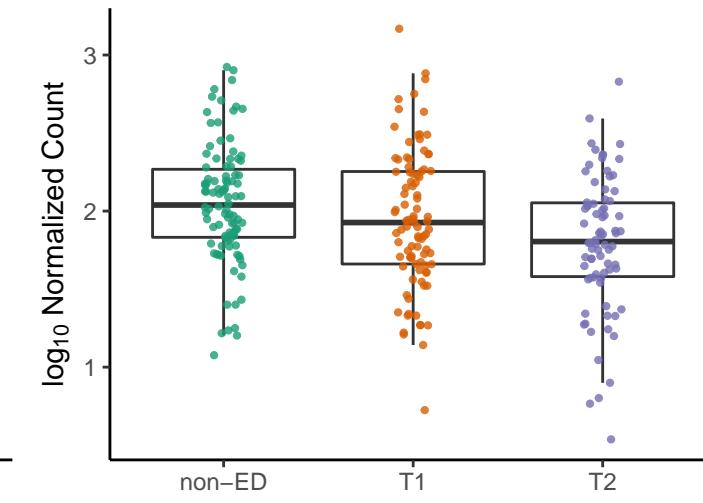
### Unclassified Collimonas Genus

non-ED vs. T1 adjusted p = 0.0013  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.98



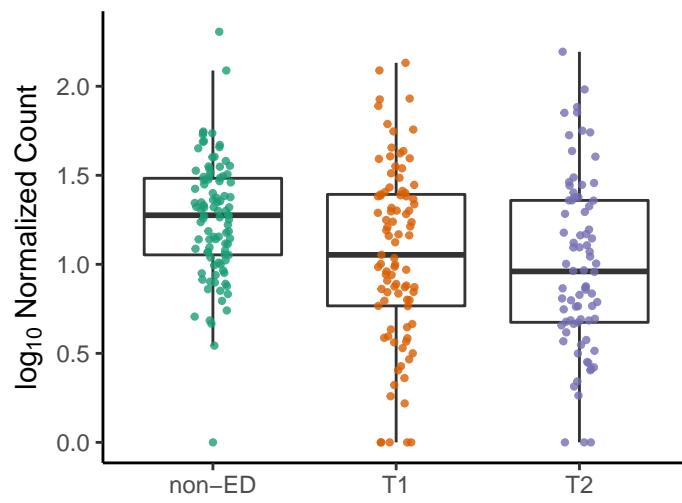
### Enterobacter cancerogenus

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.46



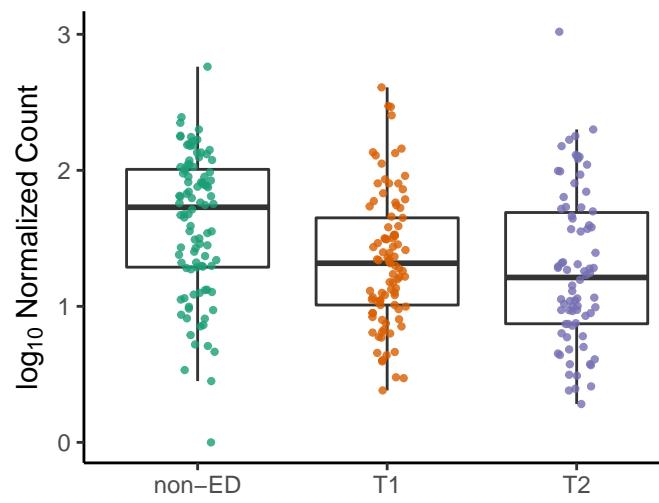
### Candidatus Midichloria mitochondrii

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.72



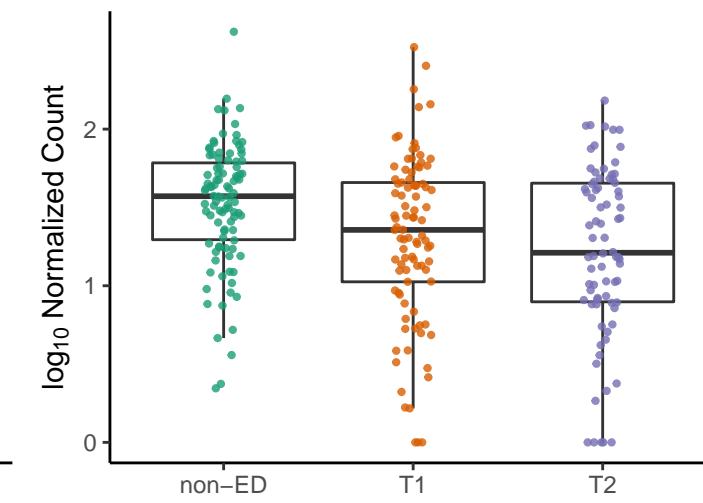
### Acinetobacter cumulans

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.77



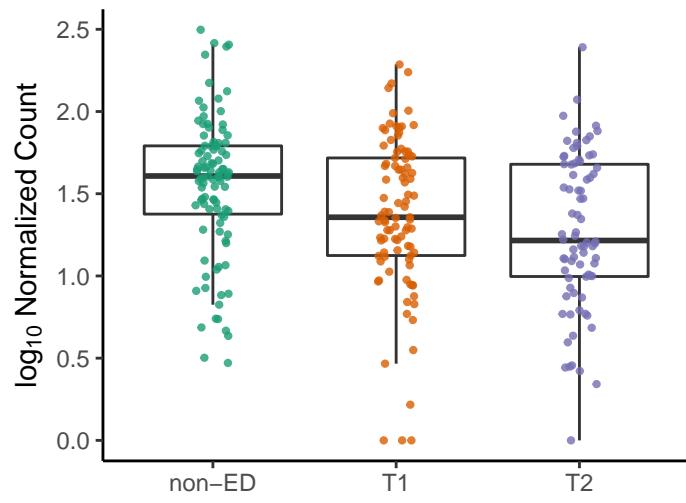
### Unclassified Pontibacter Genus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.83



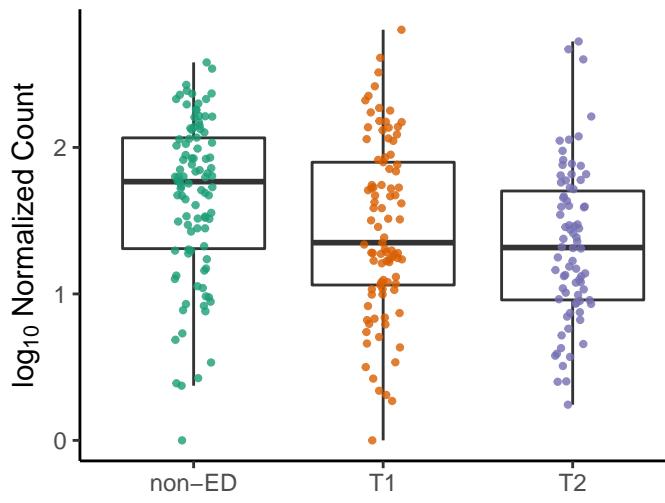
### Unclassified Dokdonia Genus

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.68



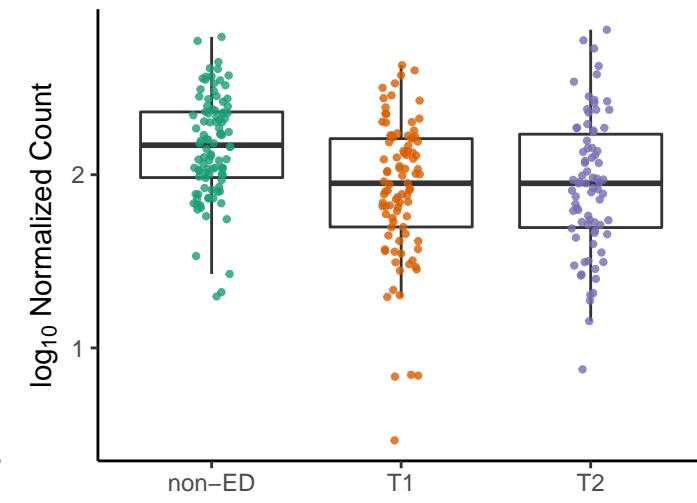
### Spiroplasma litorale

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.7



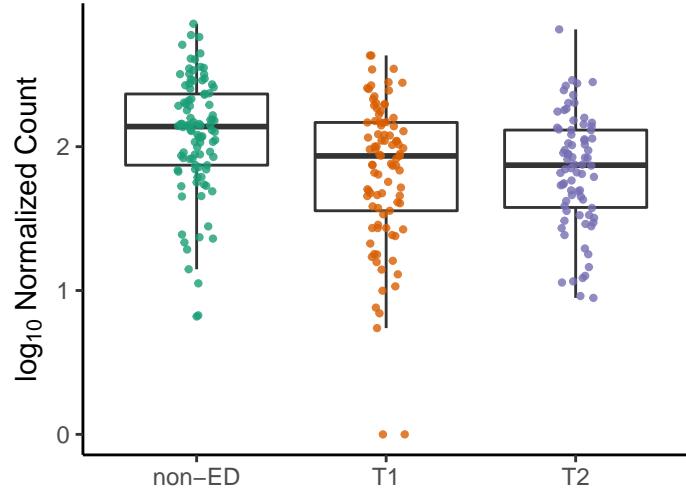
### Cohaesibacter sp. ES.047

non-ED vs. T1 adjusted p = 3e-04  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.75



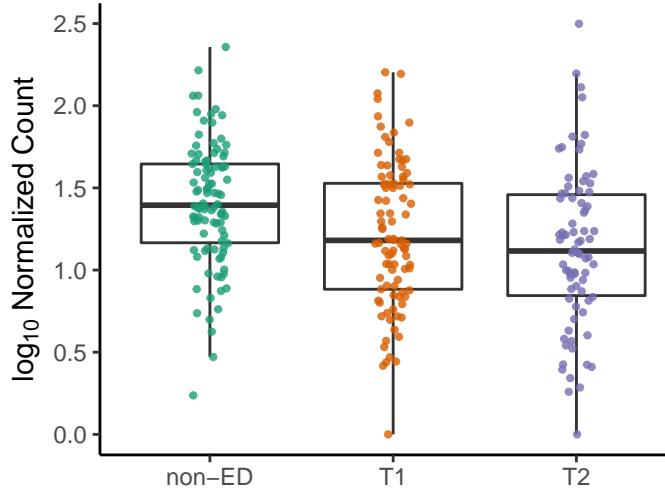
### Arcanobacterium haemolyticum

non-ED vs. T1 adjusted p = 0.0027  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.84



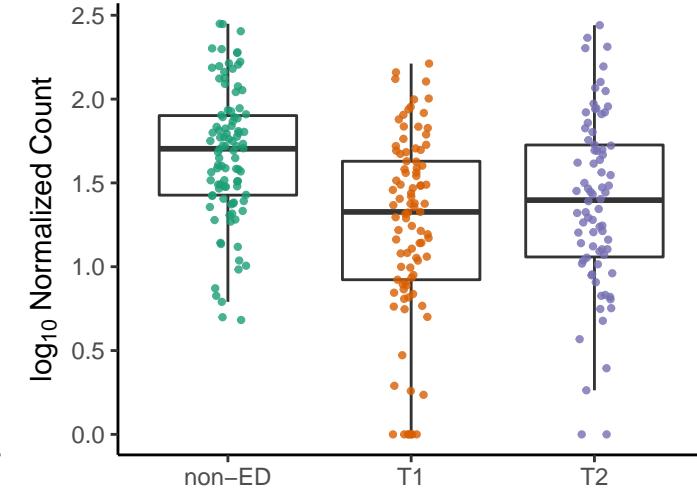
### Thalassotalea sp. HSM 43

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.67



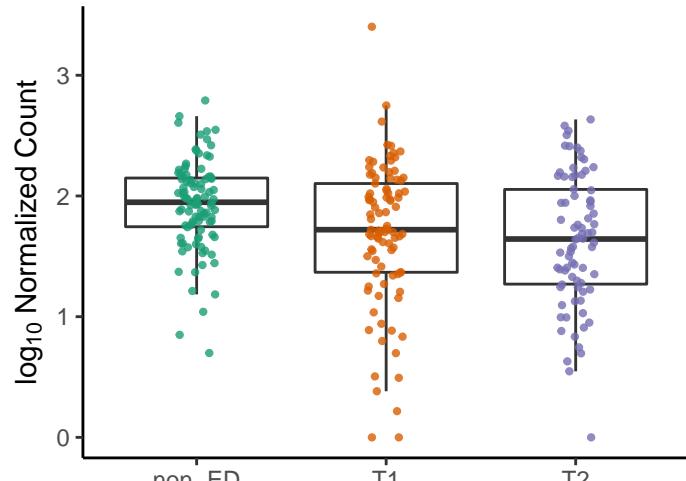
### Unclassified Saccharomycetales Order

non-ED vs. T1 adjusted p = 3.7e-06  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.32



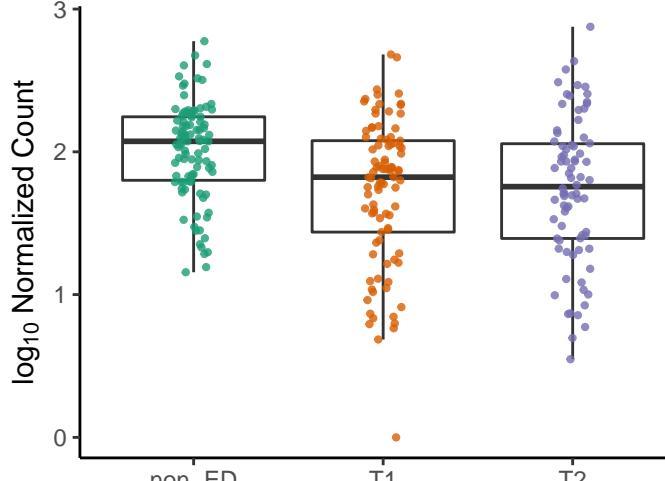
### Corynebacterium sanguinis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.85



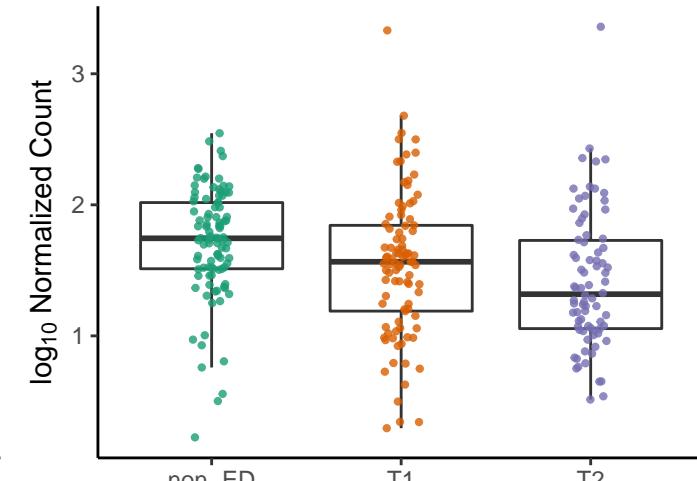
### Mycolicibacterium phocicum

non-ED vs. T1 adjusted p = 6e-04  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.96



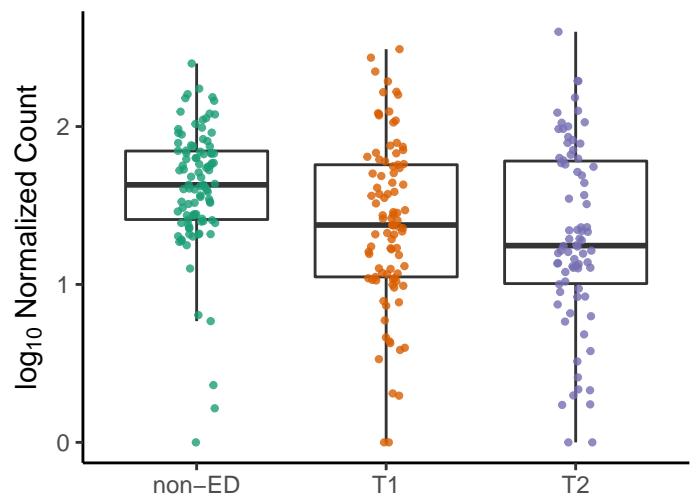
### Arcobacter mytili

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.63



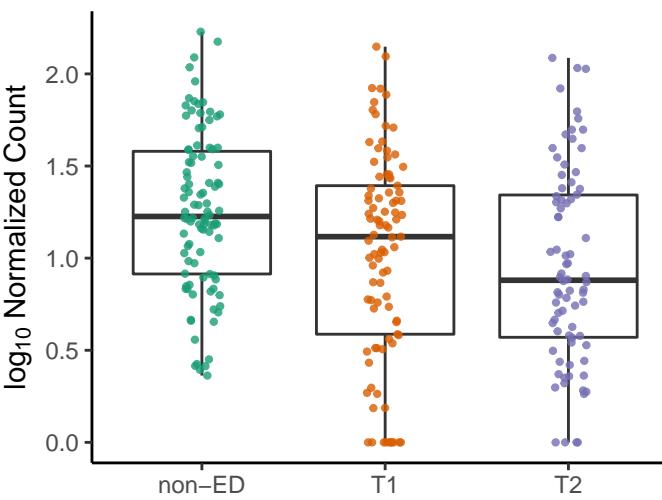
### Candidatus Gracilibacteria bacterium HC

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.78



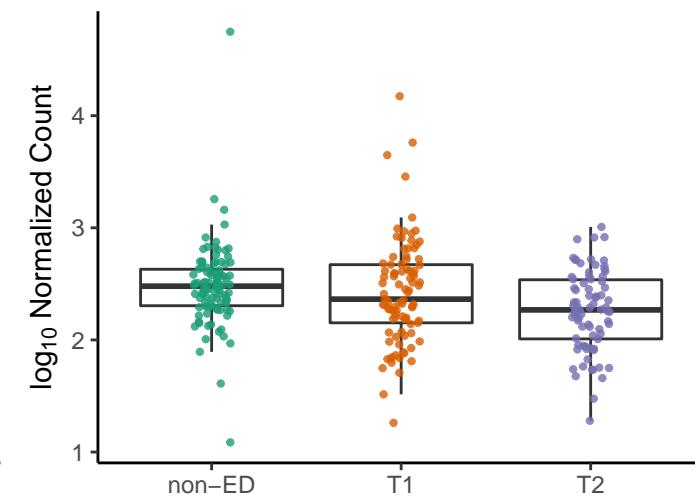
### Natronobacterium gregoryi

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.73



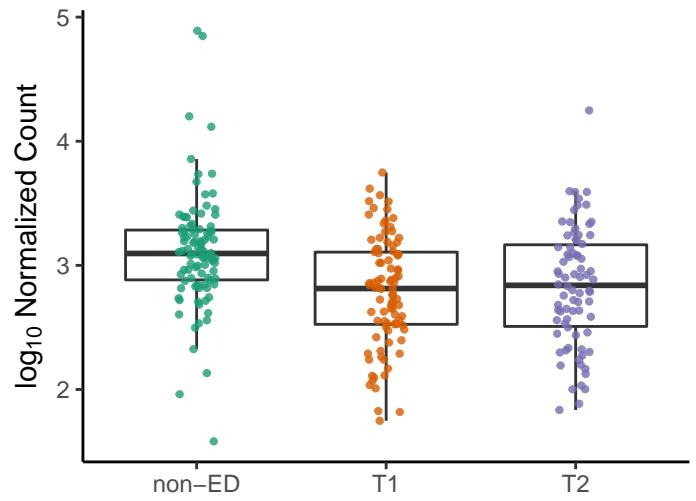
### Unclassified Raoultella Genus

non-ED vs. T1 adjusted p = 0.46  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.4



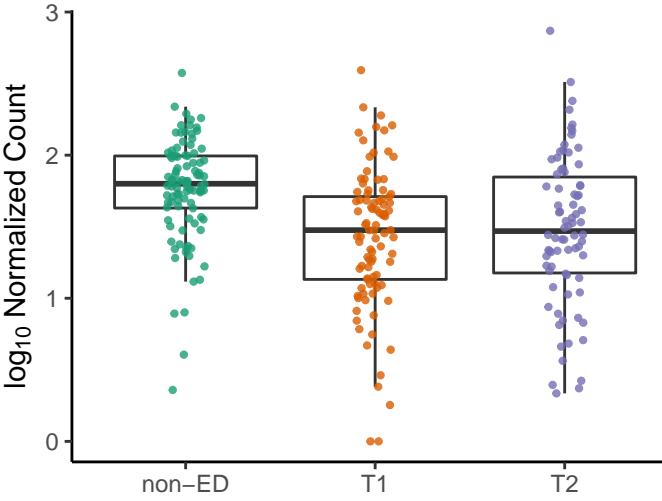
### Lactobacillus ruminis

non-ED vs. T1 adjusted p = 0.00012  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.86



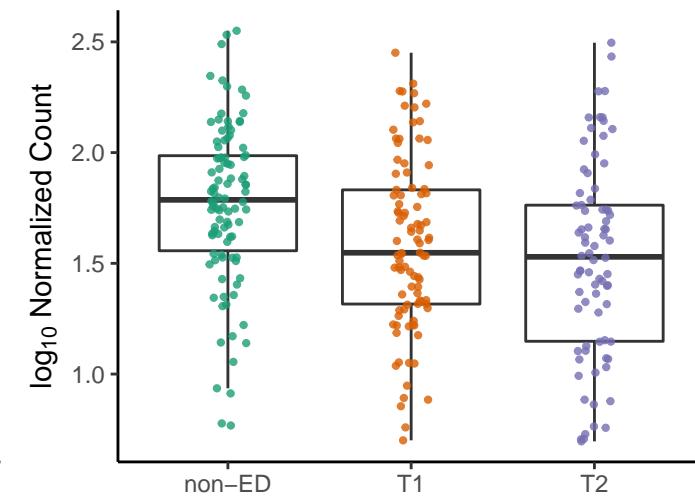
### Methanococcus vannielii

non-ED vs. T1 adjusted p = 4.5e-05  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.75



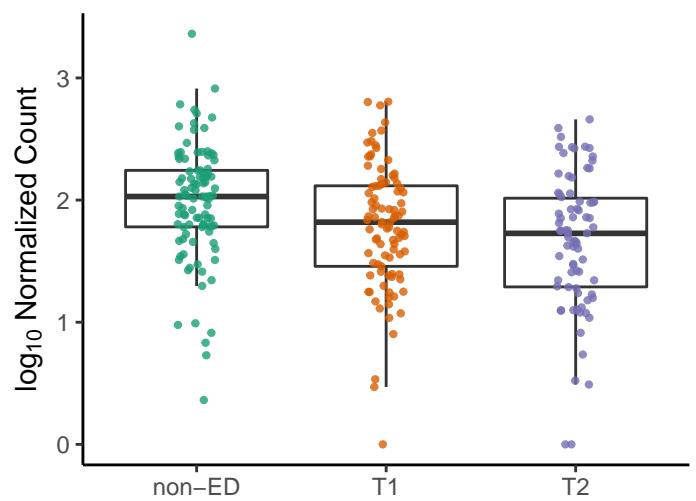
### Nostoc sp. NIES-4103

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.73



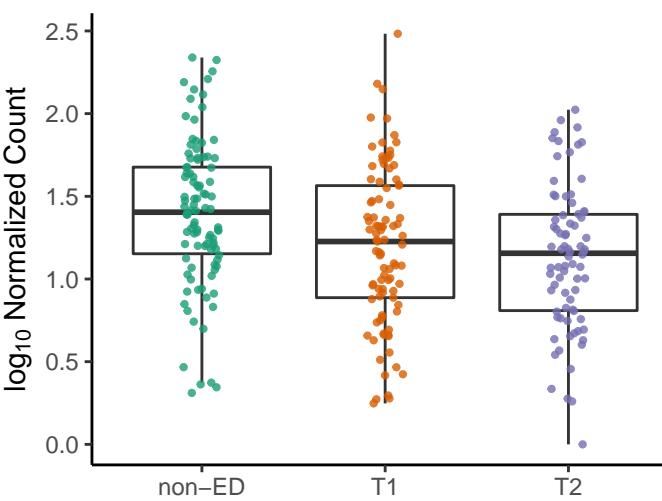
### Streptobacillus moniliformis

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.64



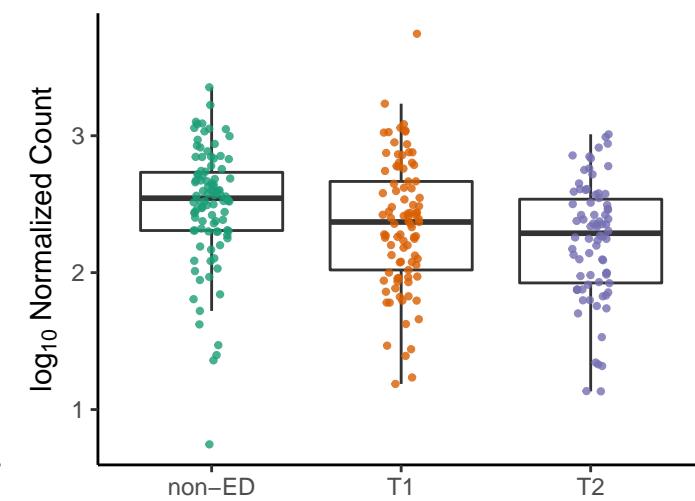
### Thermodesulfobium narugense

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0023  
T1 vs. T2 adjusted p = 0.73



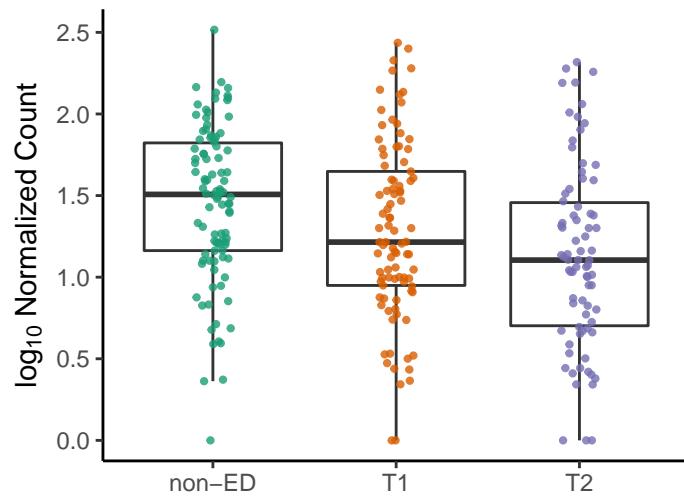
### Clostridium septicum

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.0023  
T1 vs. T2 adjusted p = 0.57



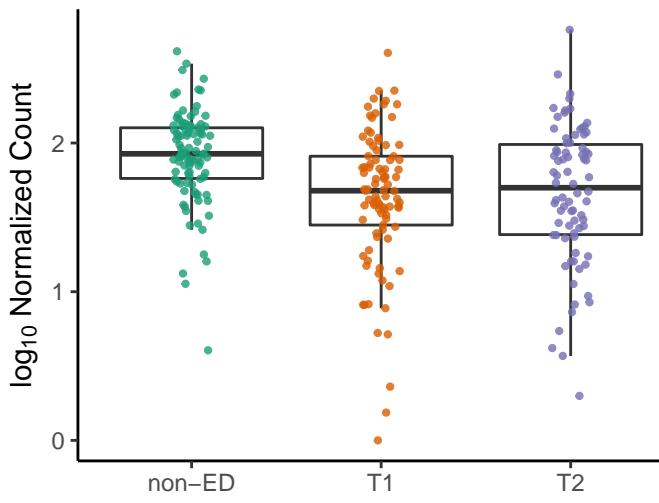
### *Spiroplasma tabanidicola*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.59



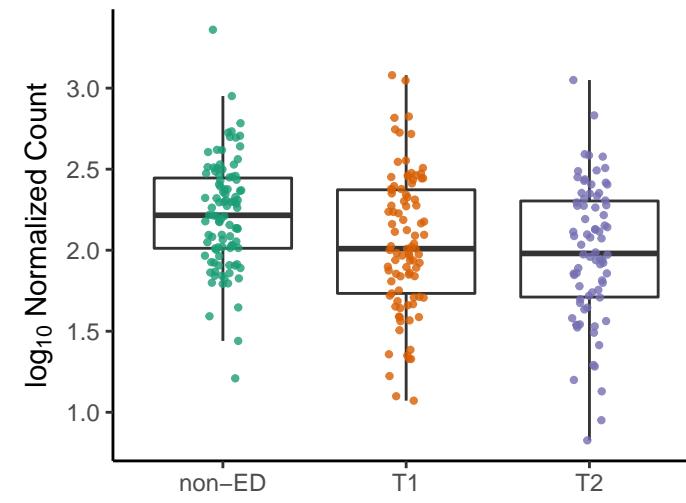
### *Pantoea rwandensis*

non-ED vs. T1 adjusted p = 0.00031  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.85



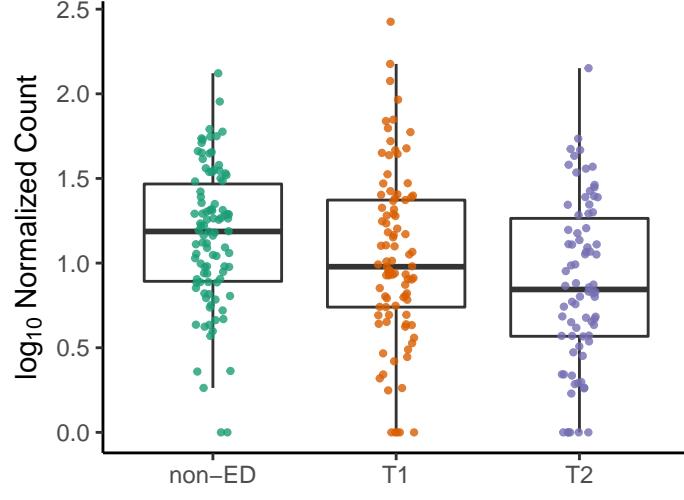
### *Chromobacterium vaccinii*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.84



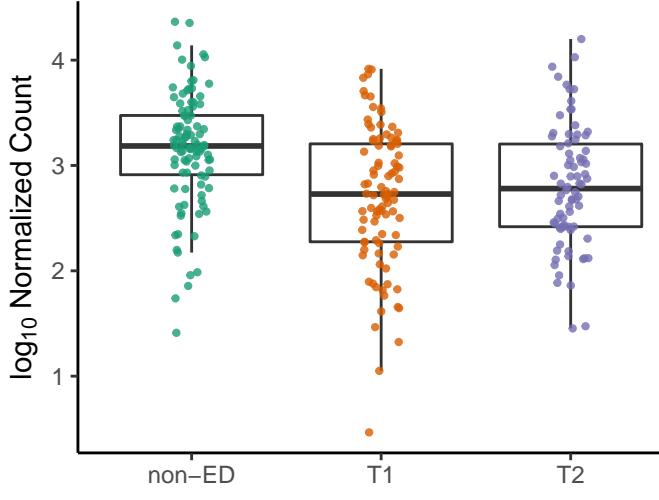
### Unclassified Mesoplasma Genus

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.51



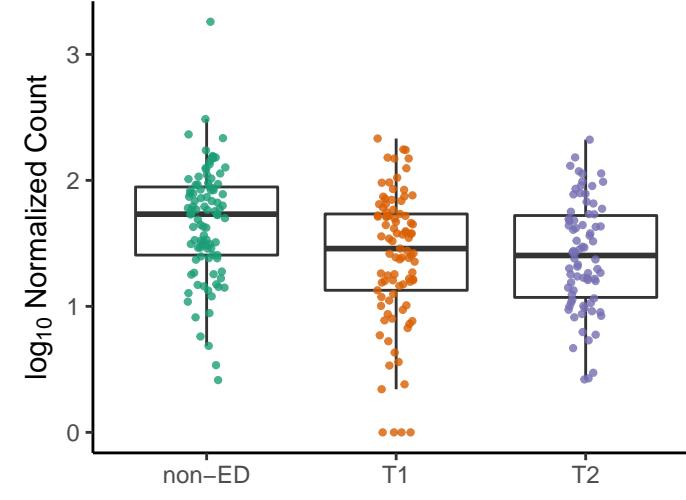
### Unclassified Ruminococcus Genus

non-ED vs. T1 adjusted p = 0.00011  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.67



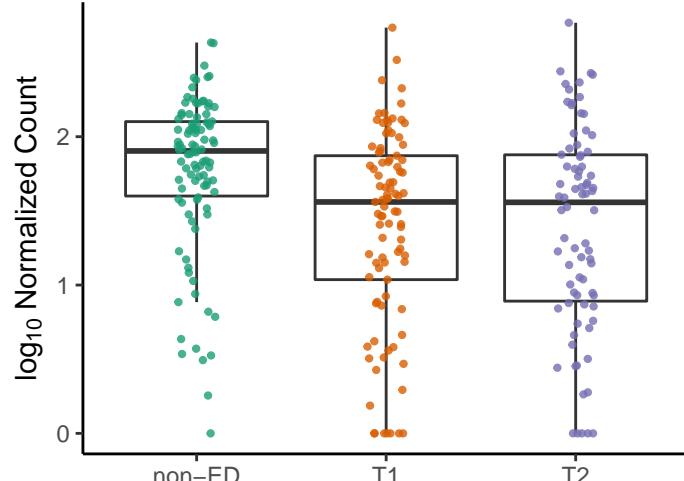
### *Pseudomonas* sp. MPC6

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.85



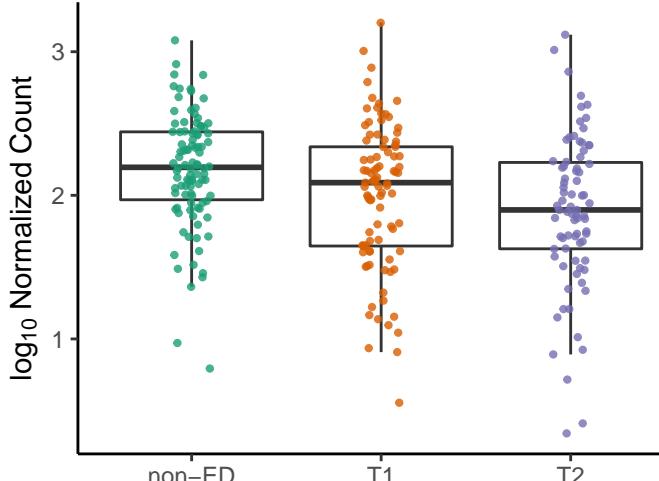
### *Pseudomonas* sp. R2A2

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.96



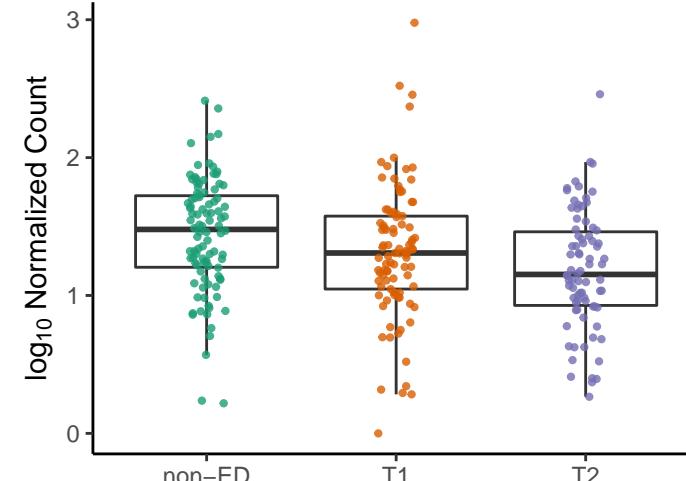
### *Streptococcus* sp. 116-D4

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.68



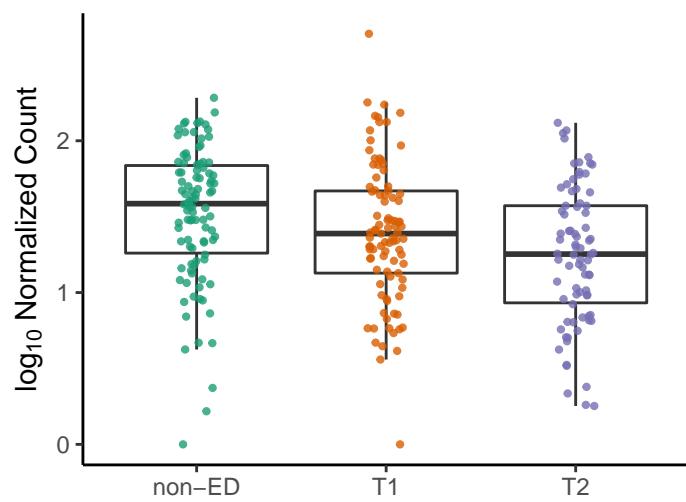
### *Thermococcus barophilus*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.62



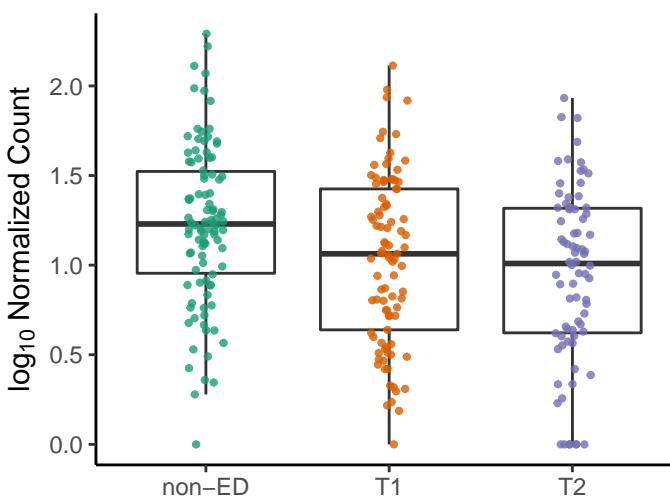
### *Thermodesulfobacterium geofontis*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.61



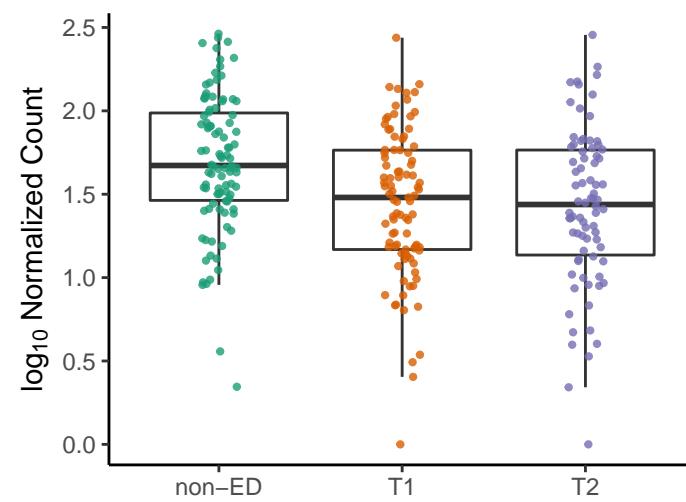
### *Mycoplasma gallopavonis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.67



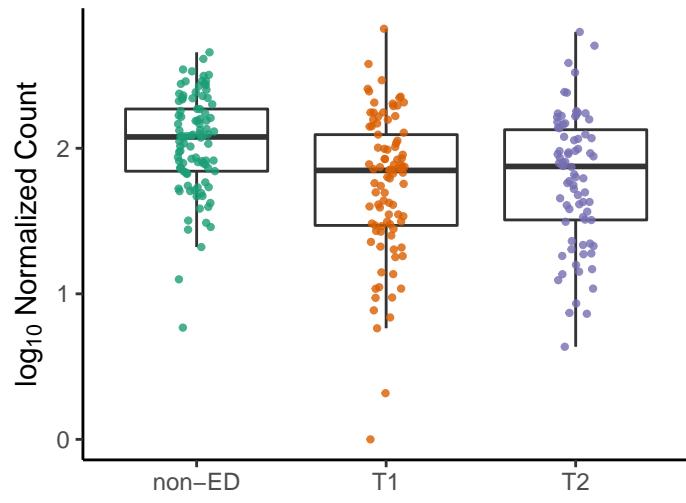
### *Sulfurimonas autotrophica*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.92



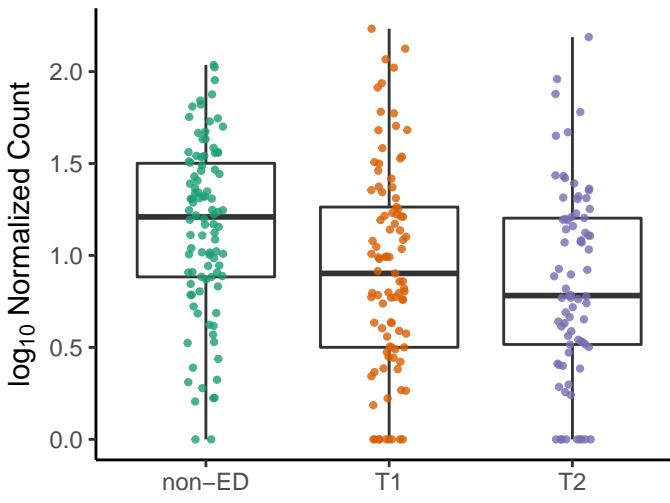
### *Synechococcus* sp. PCC 7336

non-ED vs. T1 adjusted p = 0.00032  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.71



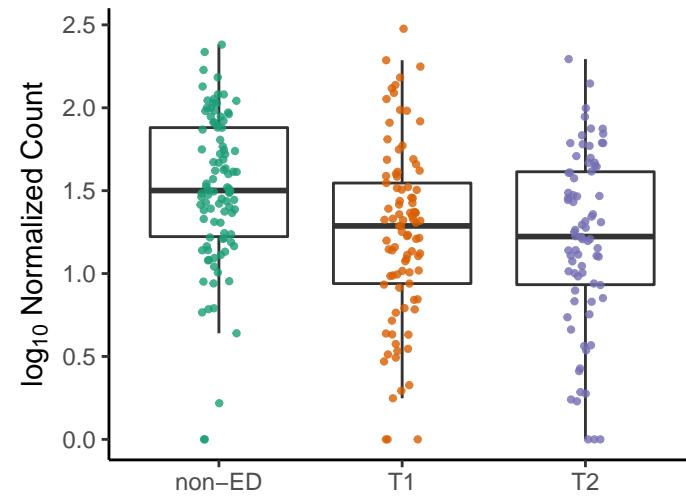
### *Maribacter* sp. MAR\_2009\_60

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.7



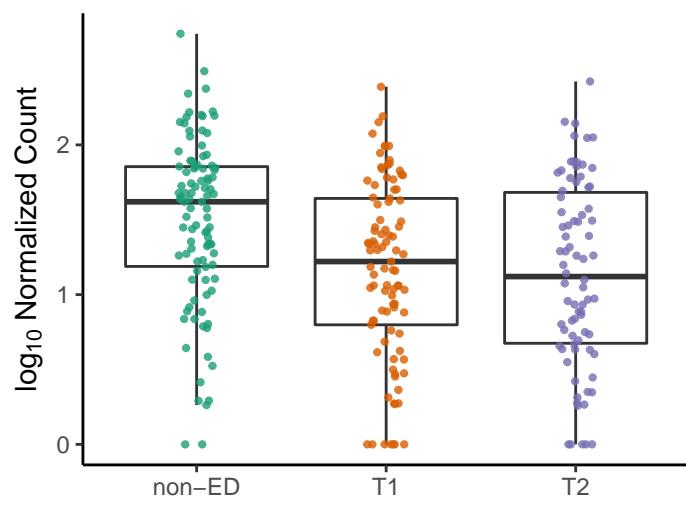
### *Anabaena* sp. WA102

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.93



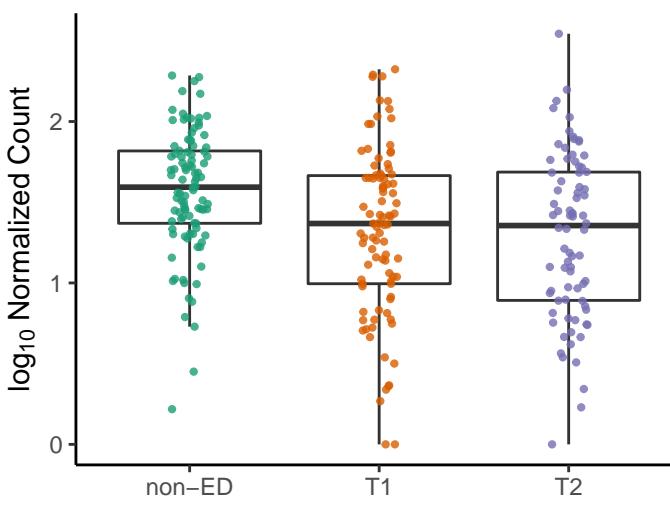
### Unclassified Serinicoccus Genus

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.95



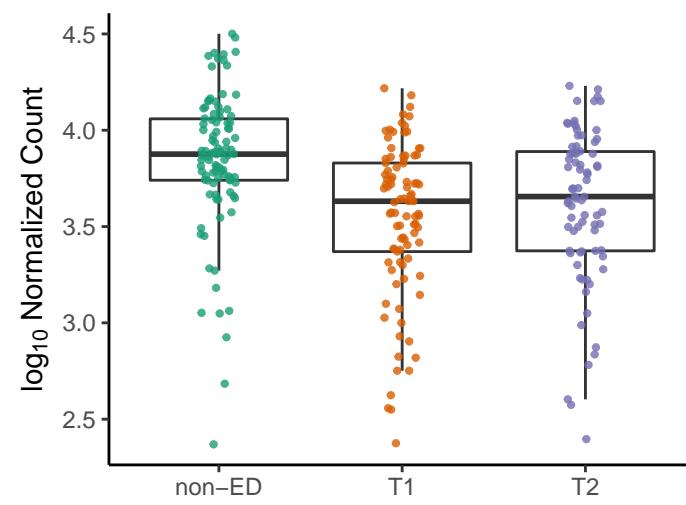
### *Arcobacter cibarius*

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.9



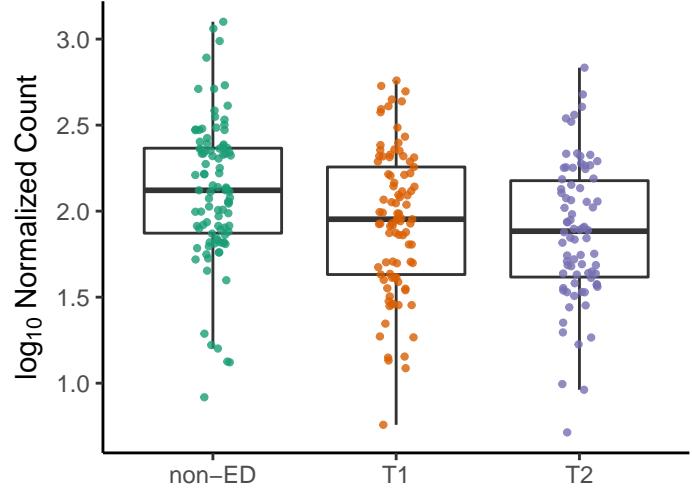
### Unclassified Roseburia Genus

non-ED vs. T1 adjusted p = 2.8e-05  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.72



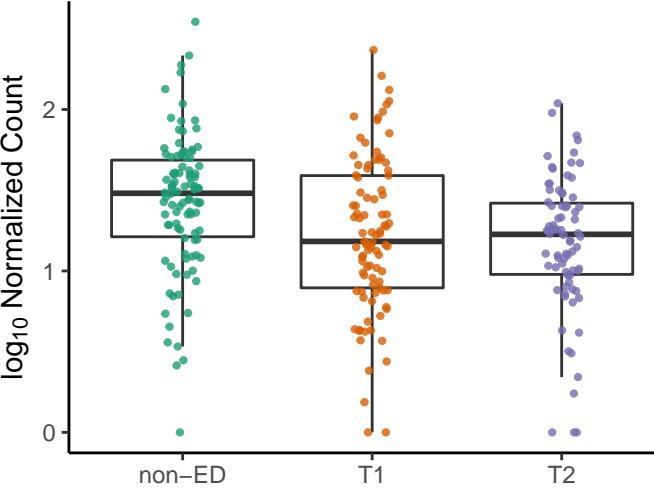
### *Acinetobacter pittii*

non-ED vs. T1 adjusted  $p = 0.02$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.7$



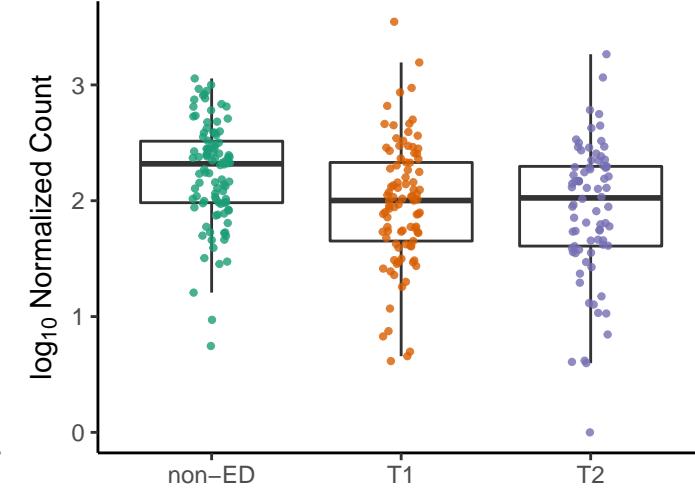
### *Methanococcus aeolicus*

non-ED vs. T1 adjusted  $p = 0.018$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.95$



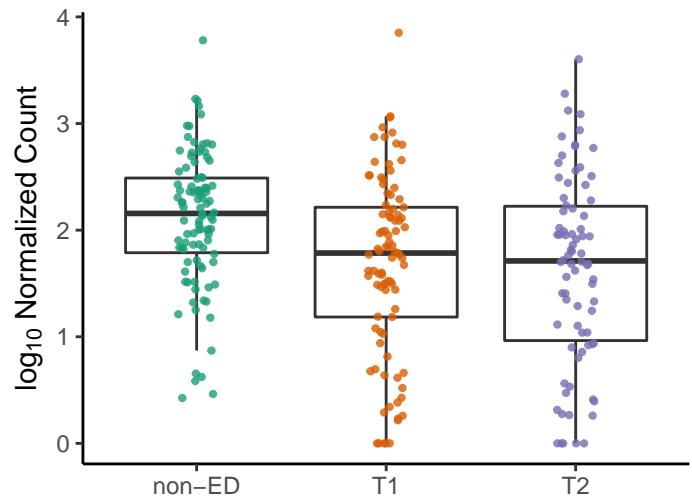
### *Streptococcus gwangjuense*

non-ED vs. T1 adjusted  $p = 0.0049$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.79$



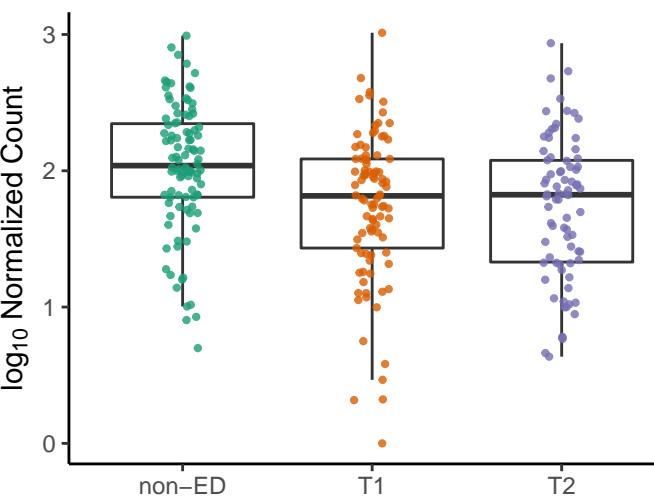
### Unclassified Coriobacteriaceae Family

non-ED vs. T1 adjusted  $p = 0.0025$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.98$



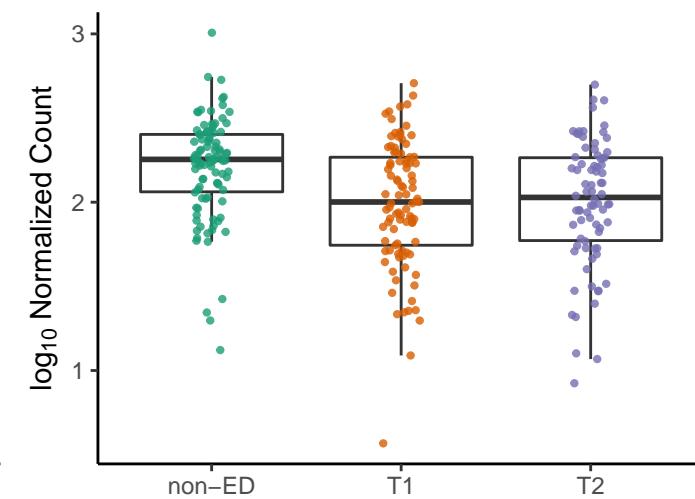
### Unclassified Dermabacter Genus

non-ED vs. T1 adjusted  $p = 0.0027$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.95$



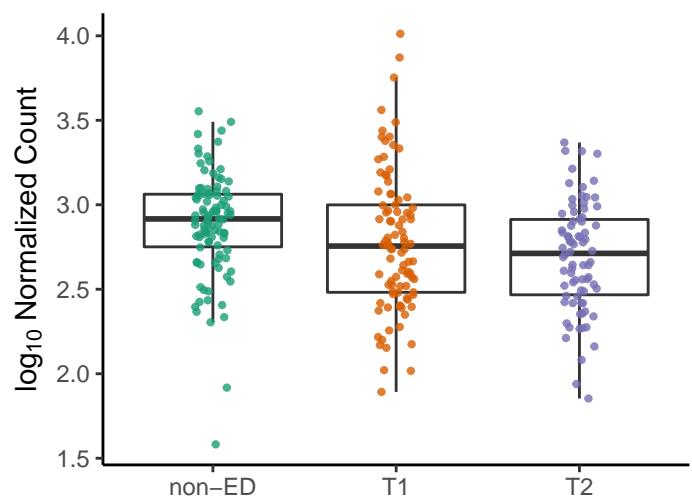
### Unclassified Sulfurospirillum Genus

non-ED vs. T1 adjusted  $p = 0.00092$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.84$



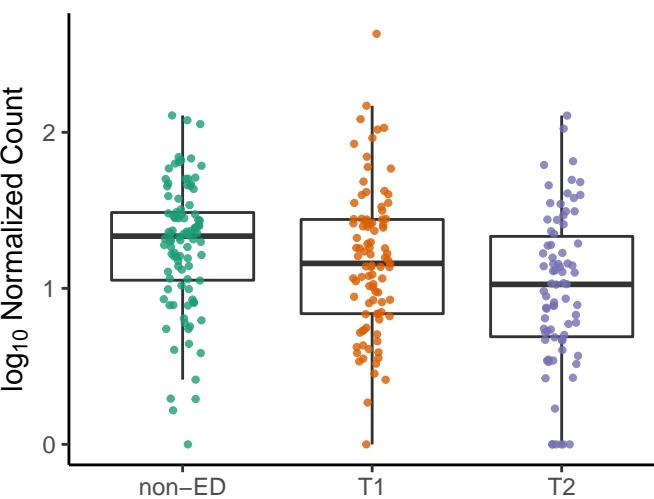
### [Eubacterium] sulci

non-ED vs. T1 adjusted  $p = 0.12$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.67$



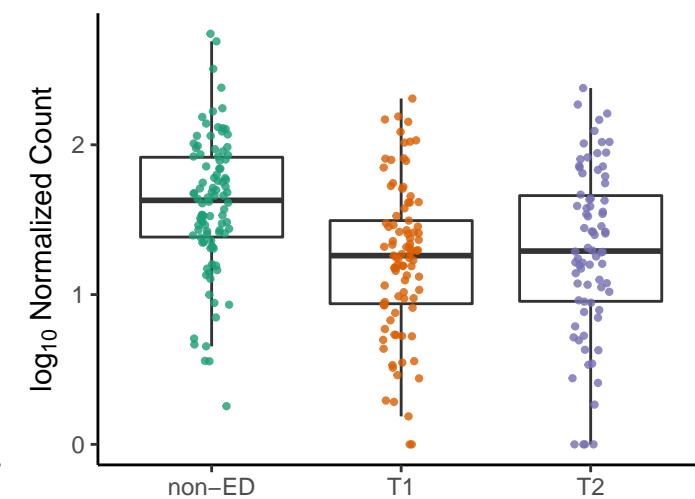
### *Blattabacterium cuenoti*

non-ED vs. T1 adjusted  $p = 0.22$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.31$



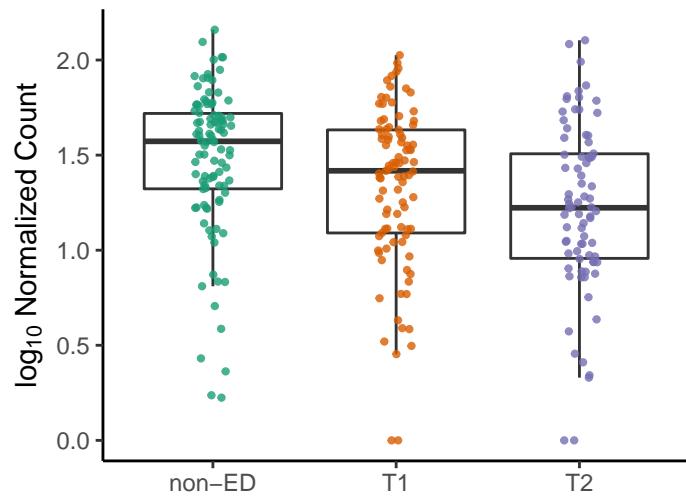
### *Pseudomonas asplenii*

non-ED vs. T1 adjusted  $p = 4.5e-05$   
 non-ED vs. T2 adjusted  $p = 0.0025$   
 T1 vs. T2 adjusted  $p = 0.7$



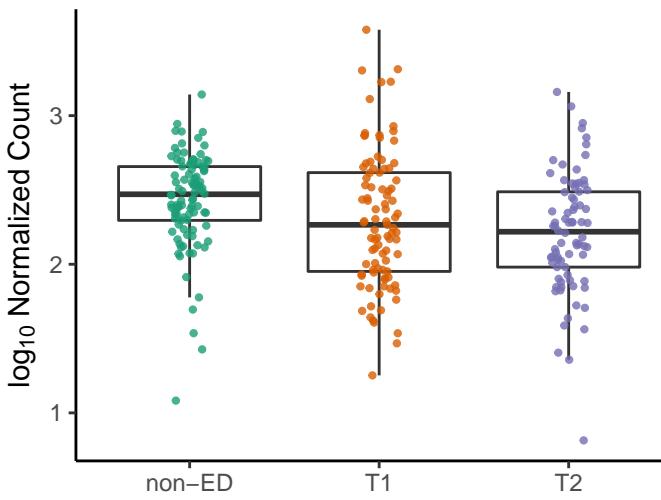
### *Bacillus albus*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.57



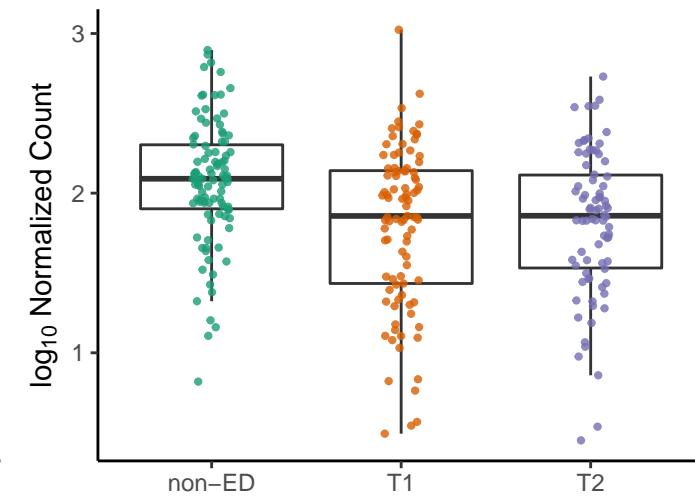
### *Peptoniphilus harei*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.73



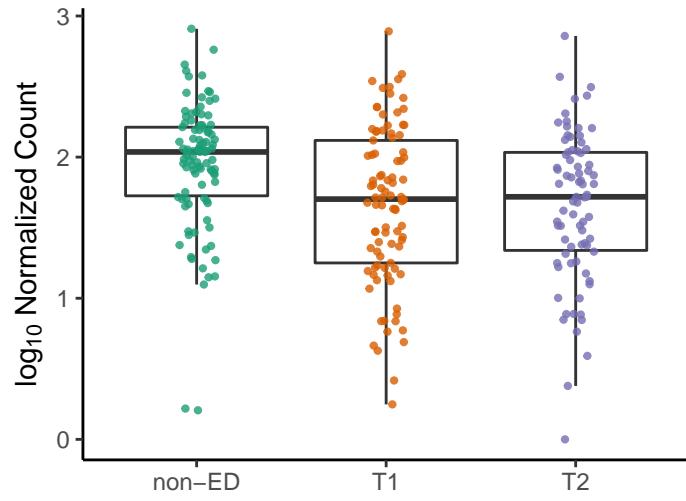
### *Paracoccus denitrificans*

non-ED vs. T1 adjusted p = 0.0015  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.8



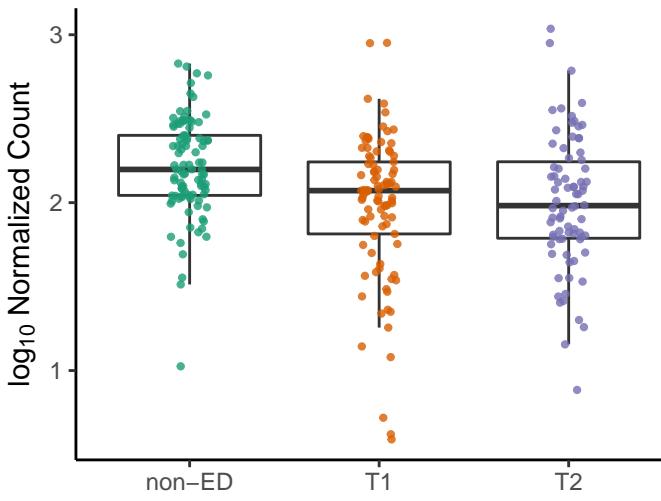
### *Arcobacter sp. L*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.91



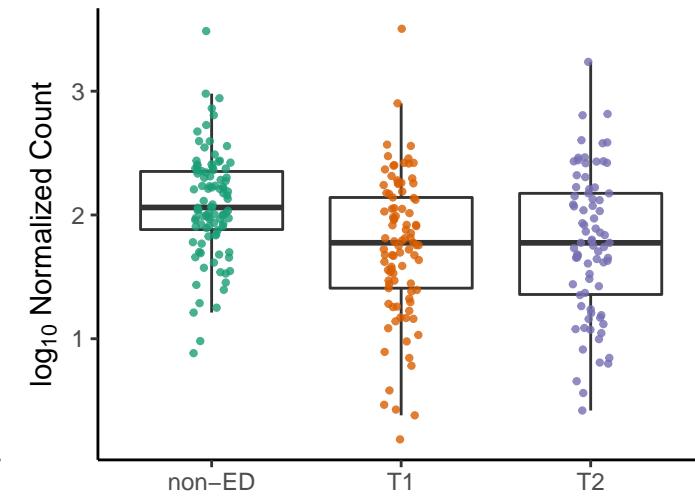
### *Corynebacterium ulcerans*

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.73



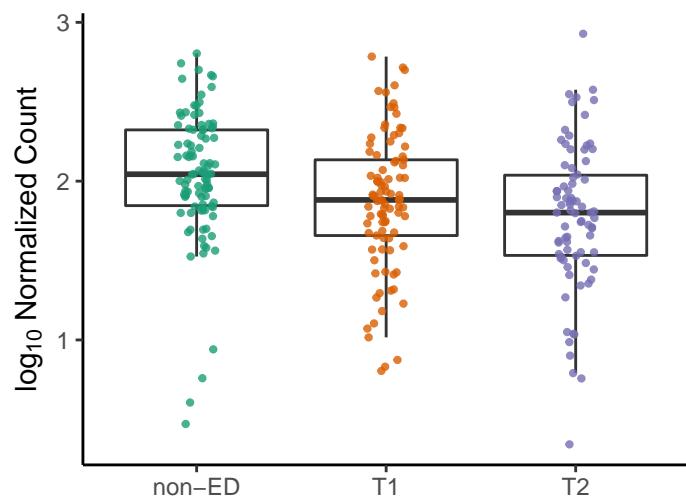
### *Bradyrhizobium sp.*

non-ED vs. T1 adjusted p = 0.00045  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.7



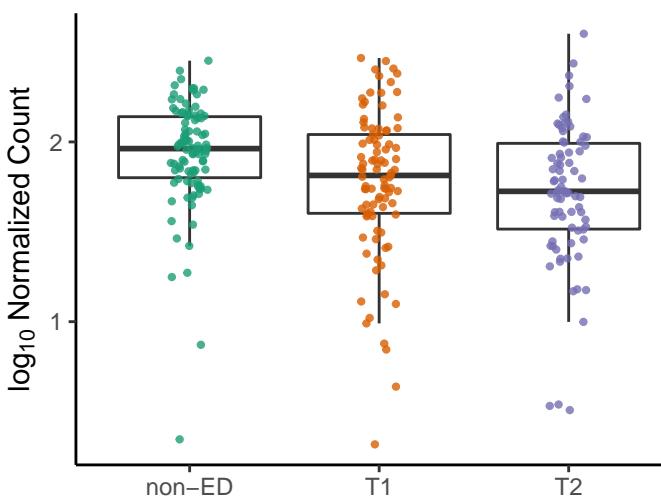
### *Candidatus Arthromitus sp. SFB-rat-Yit*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.66



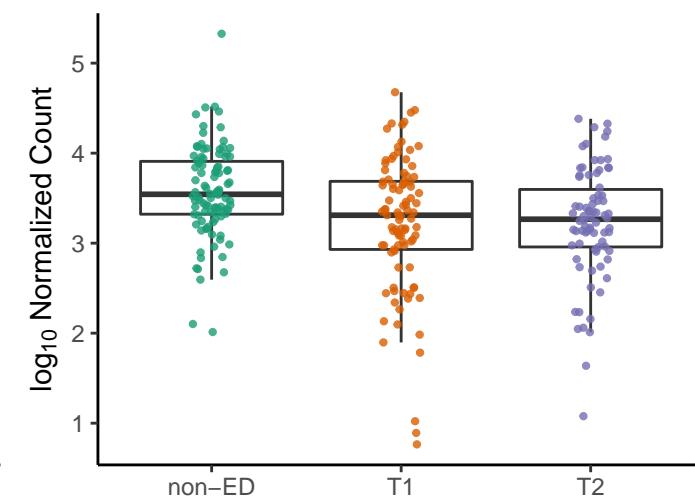
### *Caldicellulosiruptor hydrothermalis*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.77



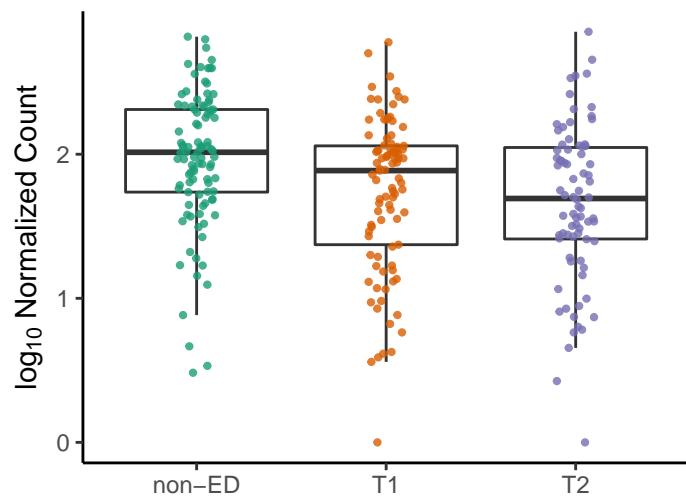
### Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.82



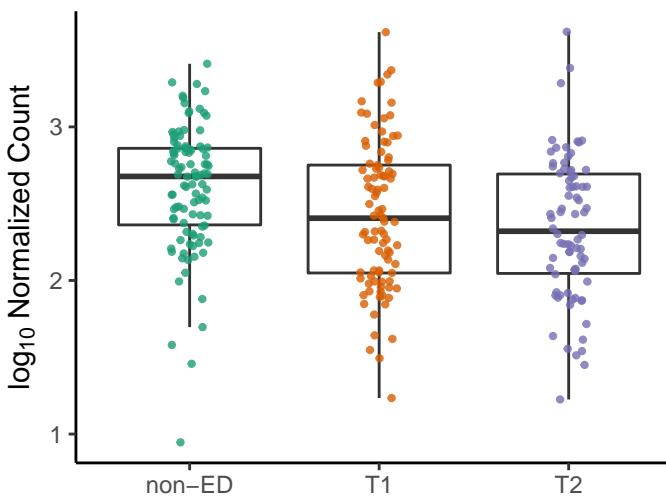
### *Lysobacter lycopersici*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.88



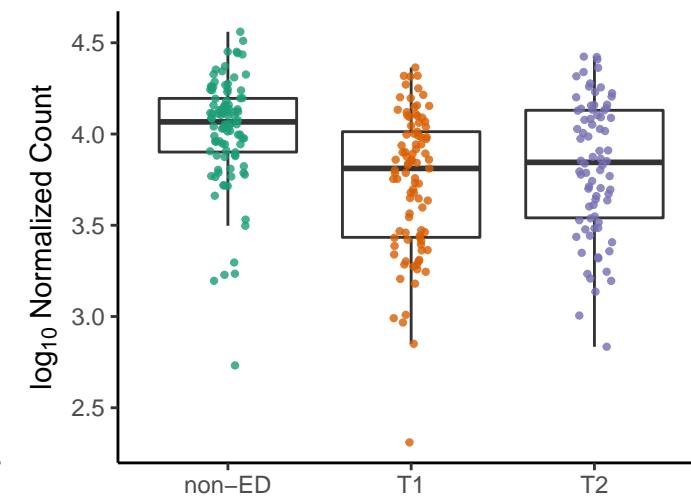
### *Paraclostridium bifermentans*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.67



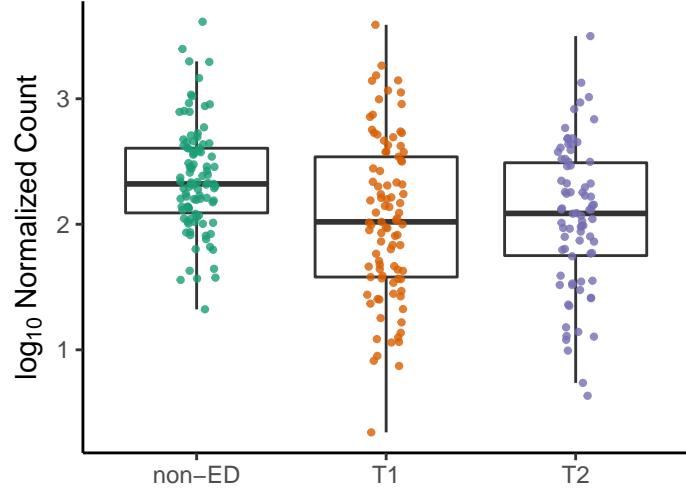
### Unclassified Ruminococcaceae Family

non-ED vs. T1 adjusted p = 1e-05  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.42



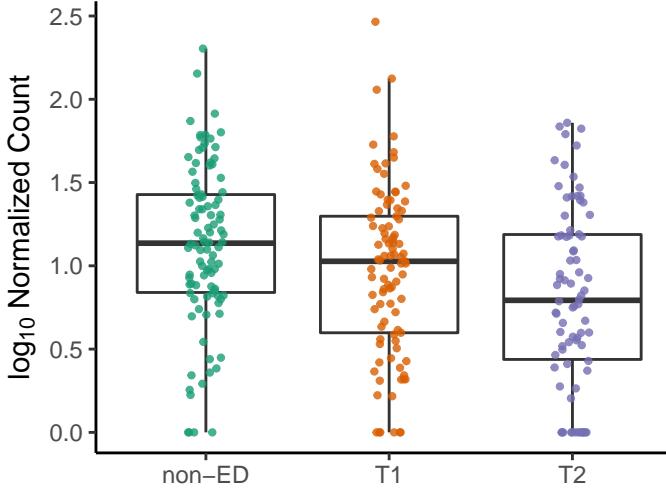
### Unclassified Schaalia Genus

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.85



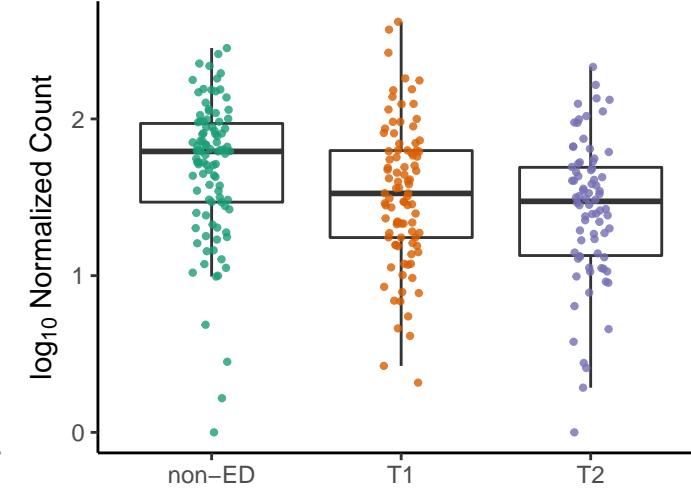
### *Candidatus Pelagibacter* sp. RS39

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.52



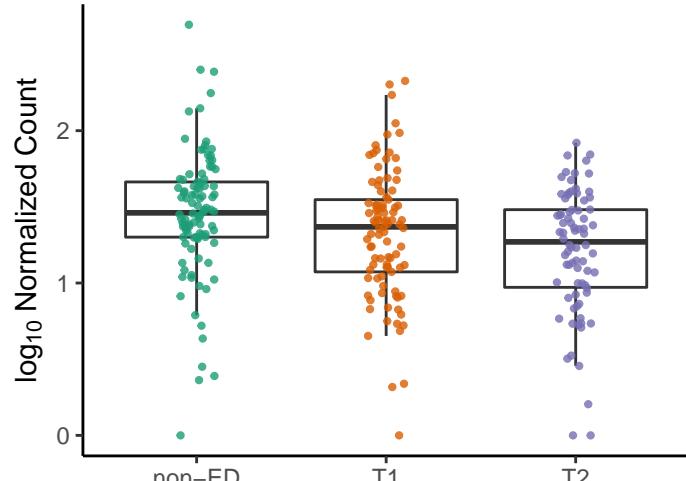
### *Deferrribacter desulfuricans*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.67



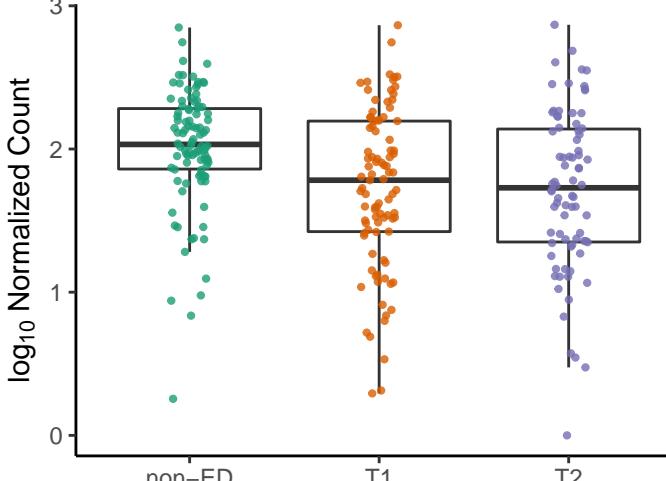
### *Mycoplasma bovirhinis*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.64



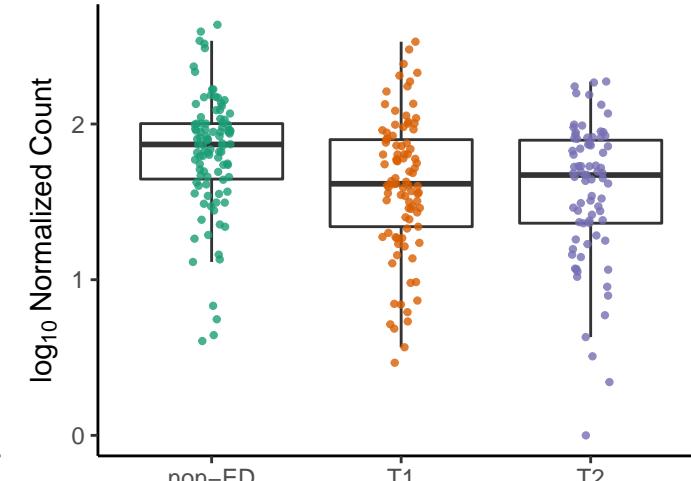
### *Microbacterium* sp. 10M-3C3

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.99

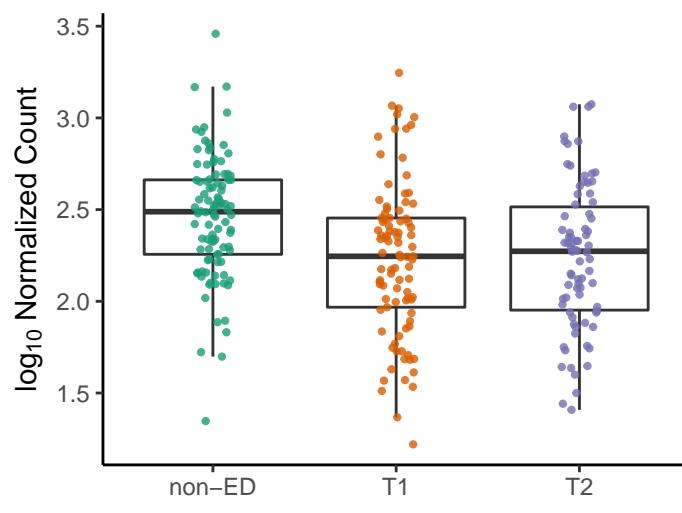


### *Nostoc flagelliforme*

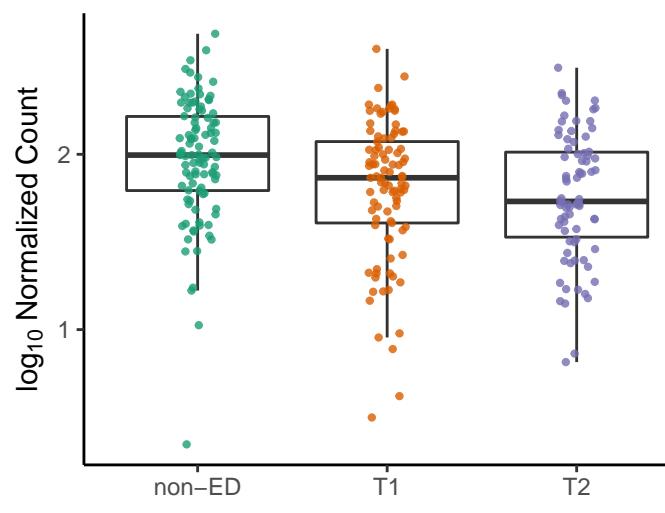
non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.003  
 T1 vs. T2 adjusted p = 0.8



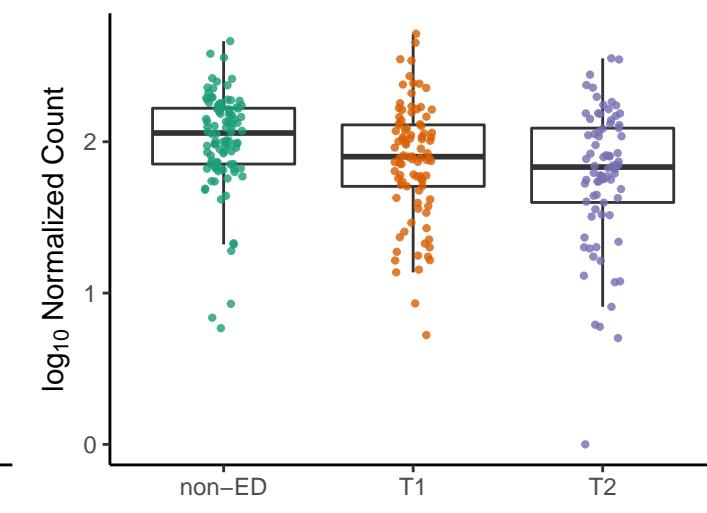
**Unclassified Mycoplasma Genus**  
 non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.003  
 T1 vs. T2 adjusted p = 1



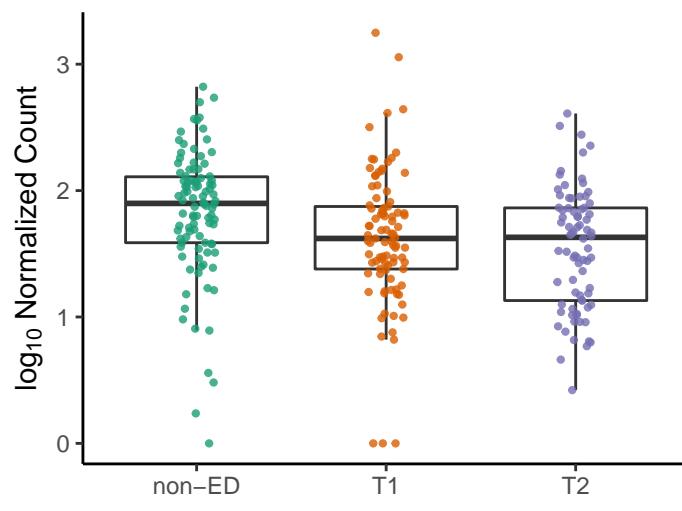
**Aquitalea denitrificans**  
 non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.97



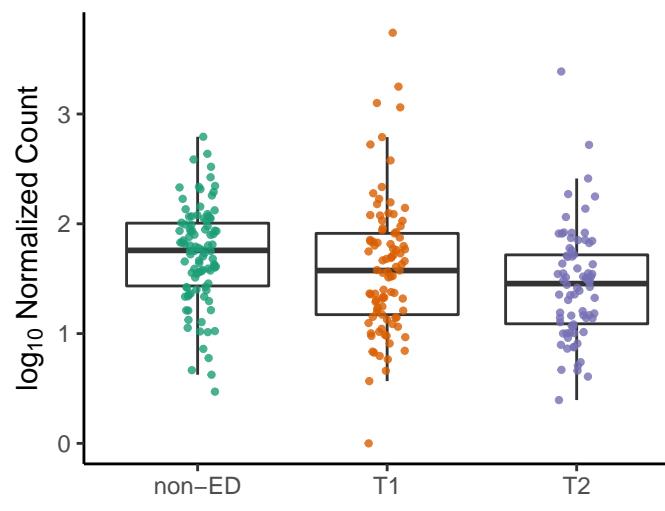
**Chryseobacterium balustinum**  
 non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.61



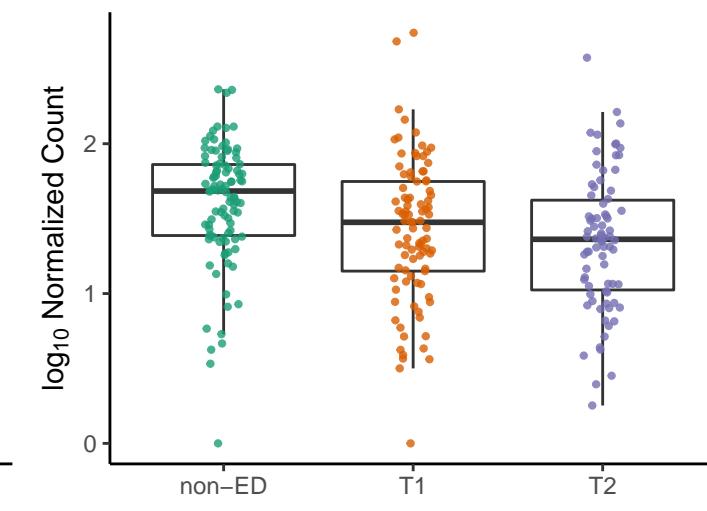
**Lutibacter profundi**  
 non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.7



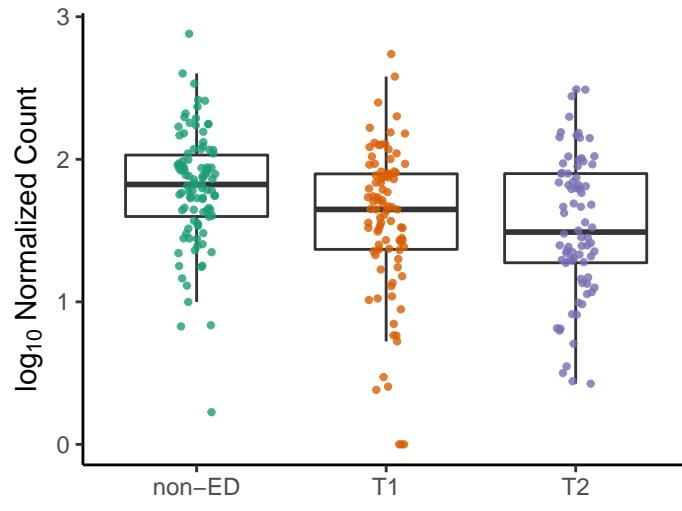
**Methanobrevibacter sp. AbM4**  
 non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.63



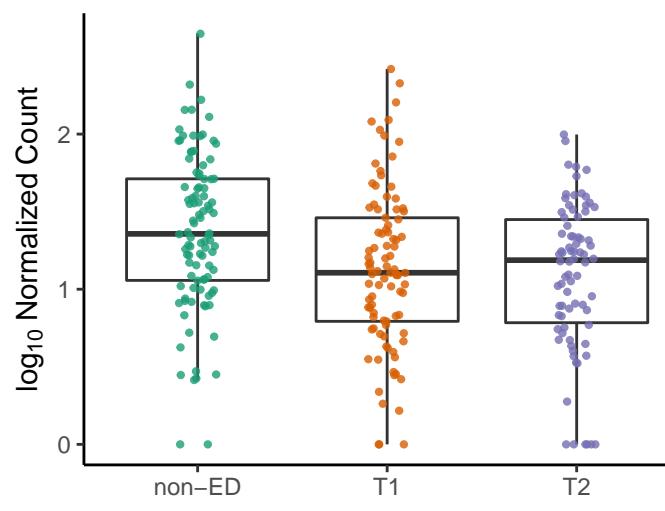
**Nitratiruptor sp. SB155–2**  
 non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.73



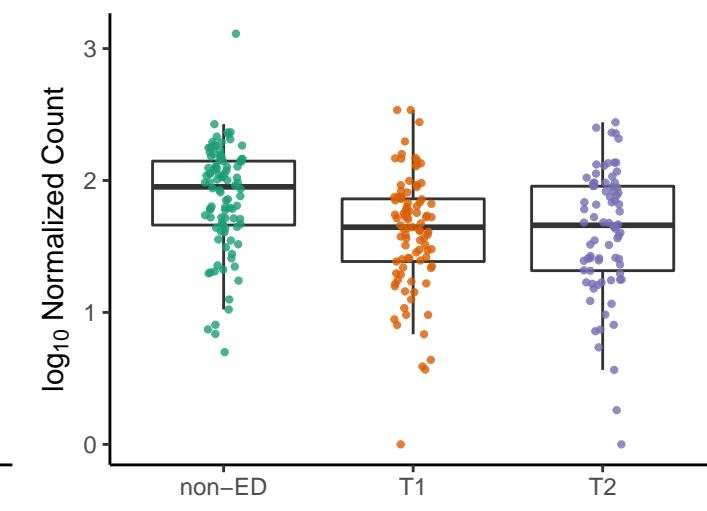
**Planctomycetes bacterium Pan153**  
 non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.88



**Pseudoalteromonas carageenovora**  
 non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.75

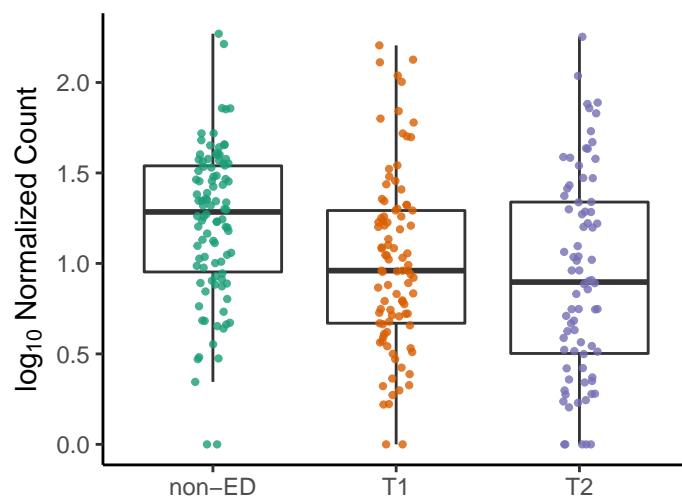


**Pseudomonas asturiensis**  
 non-ED vs. T1 adjusted p = 0.00093  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.97



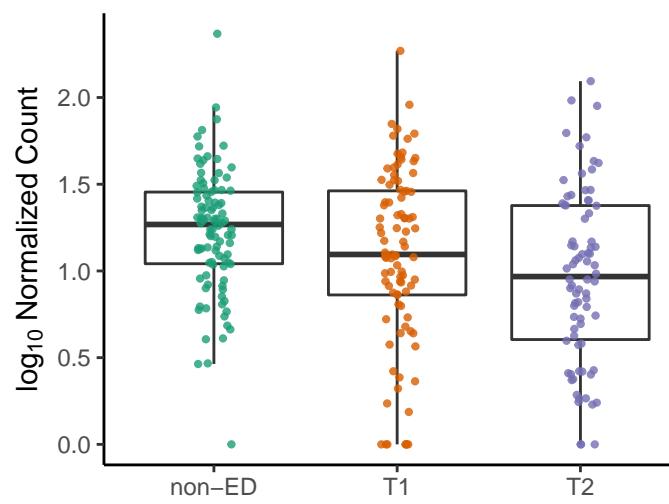
### alpha proteobacterium HIMB5

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.77



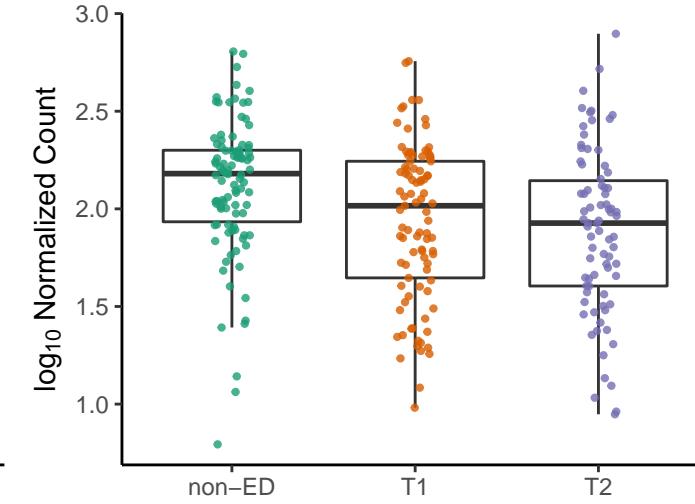
### Planococcus faecalis

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.67



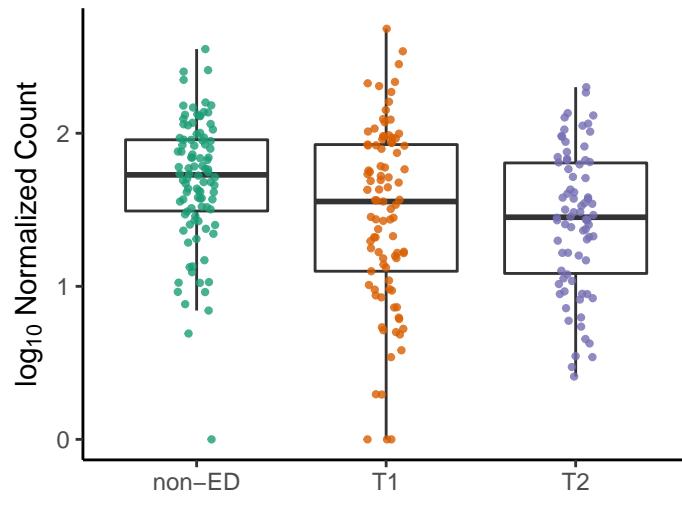
### Moraxella osloensis

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.72



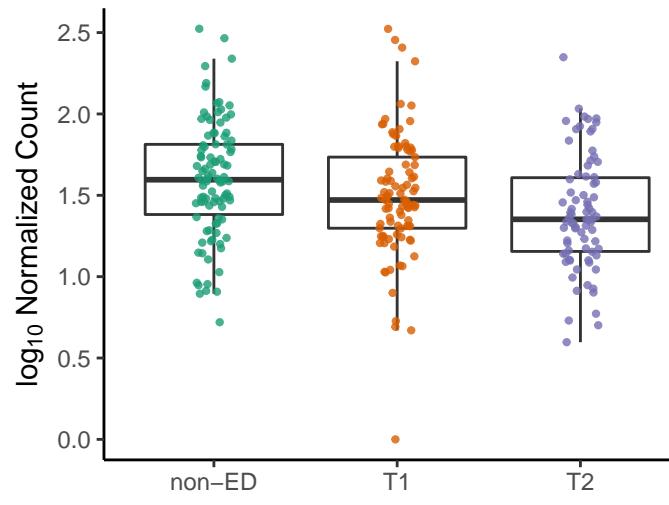
### Acidimicrobium ferrooxidans

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.87



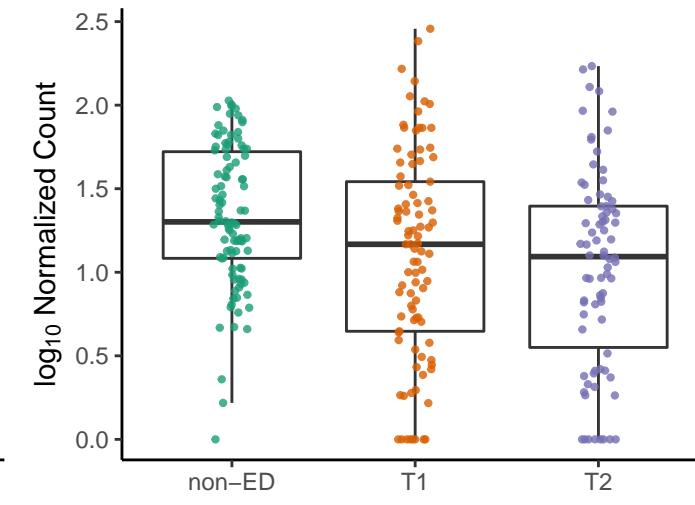
### Corynebacterium crudilactis

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.63



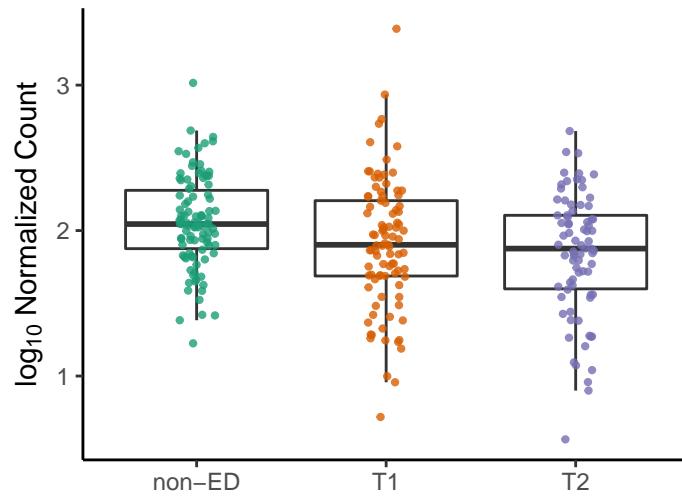
### Candidatus Nitrosotenuis aquarius

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.86



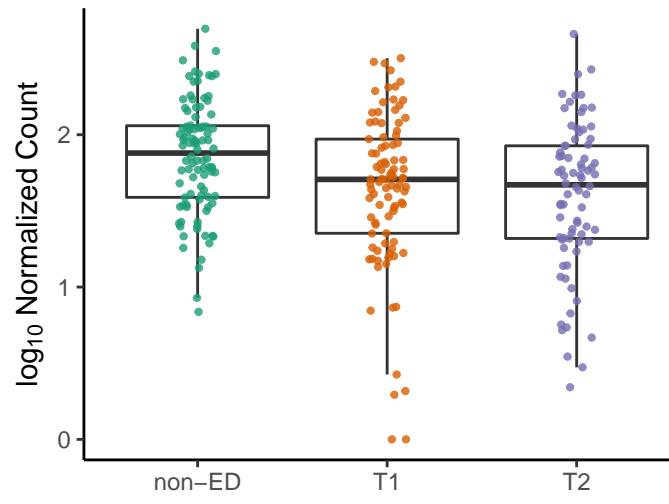
### Enterobacter sp. E76

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.75



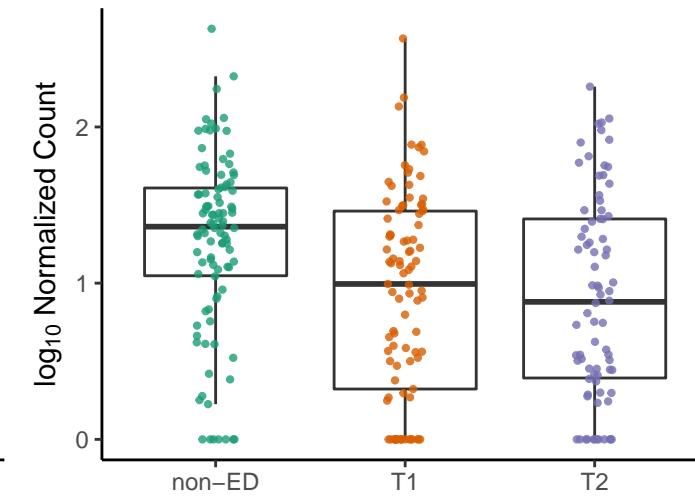
### Hyphomonas sp. Mor2

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.96



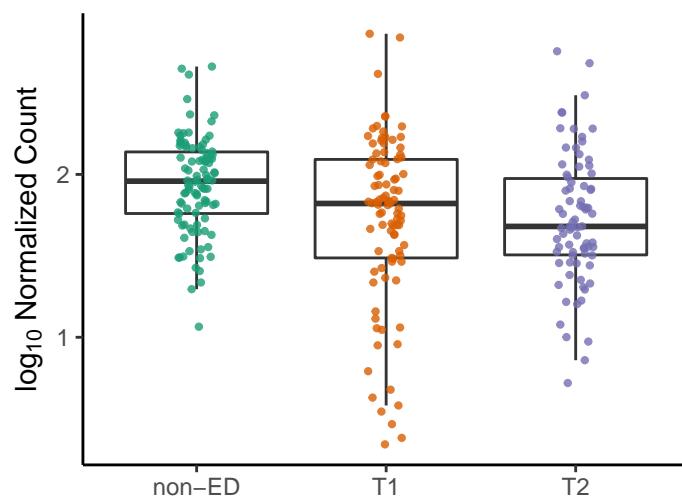
### Streptomyces sp. S1A1-7

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.88



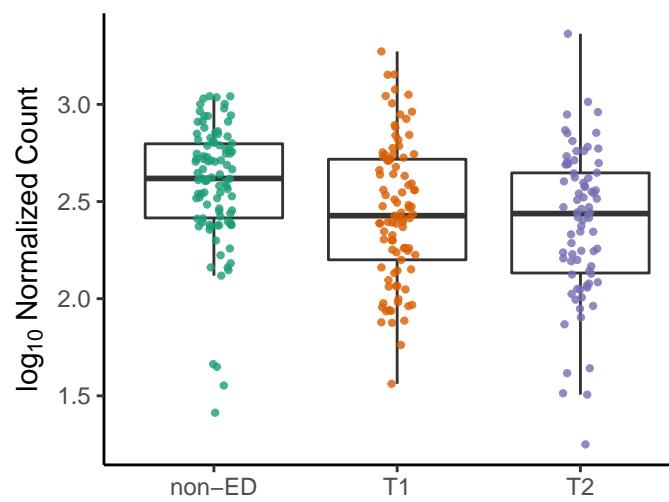
### *Corynebacterium uterequi*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.8



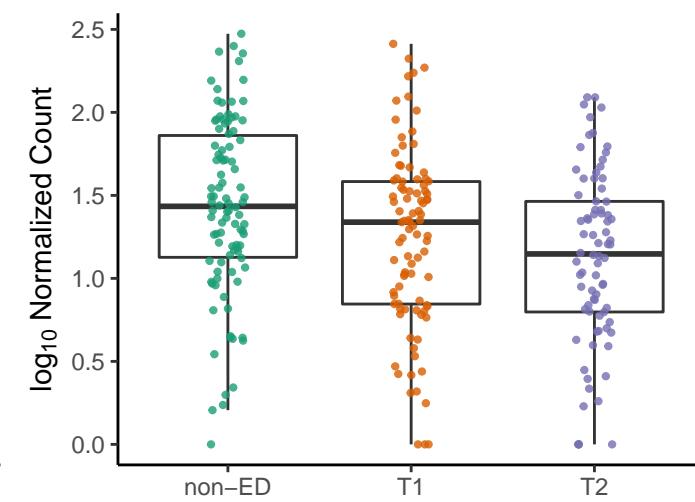
### *Clostridium estertheticum*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.7



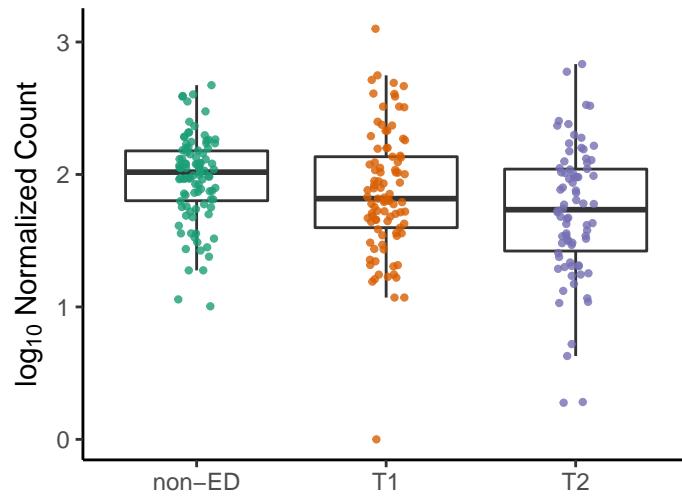
### *Spiroplasma turonicum*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.57



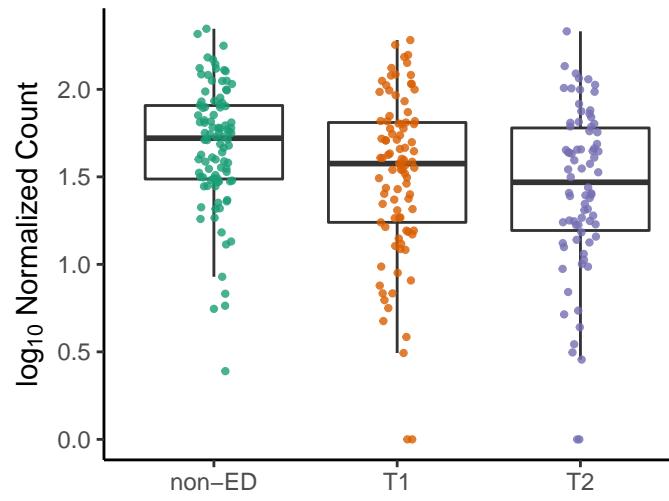
### *Cedecea lapagei*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.67



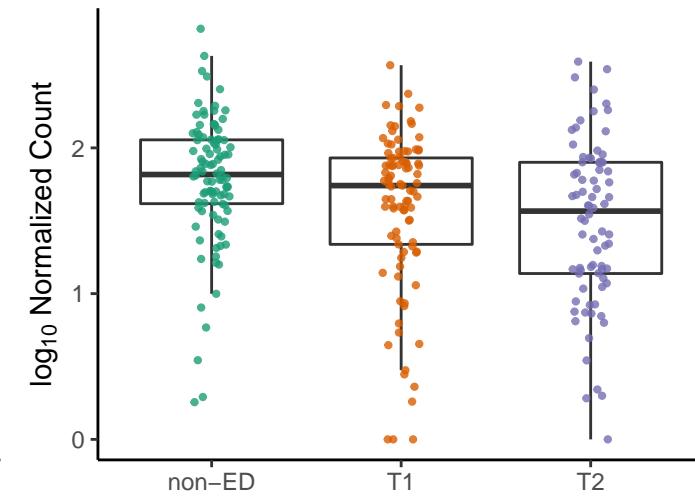
### *Chlorobium chlorochromatii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.74



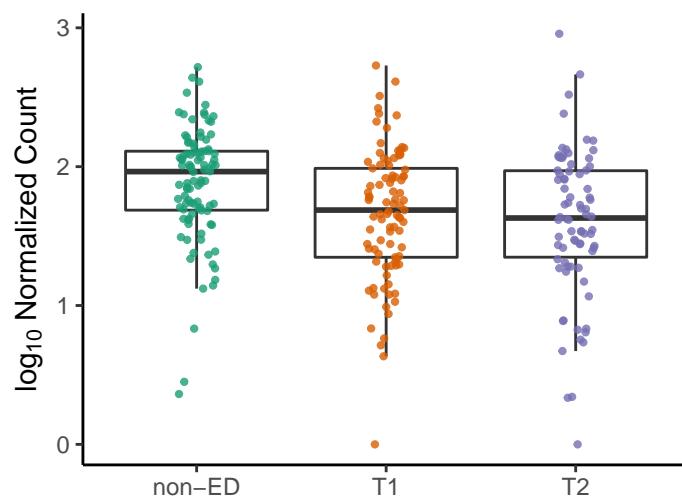
### Unclassified *Curtobacterium* Genus

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.73



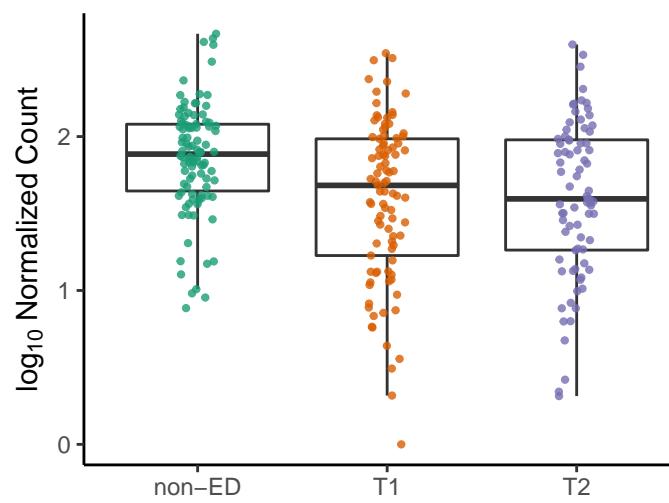
### *Lactobacillus heilongjiangensis*

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.72



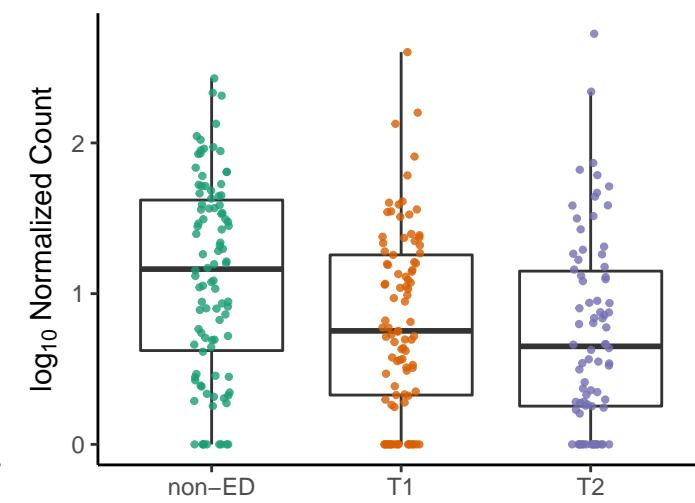
### *Rhodococcus coprophilus*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.91



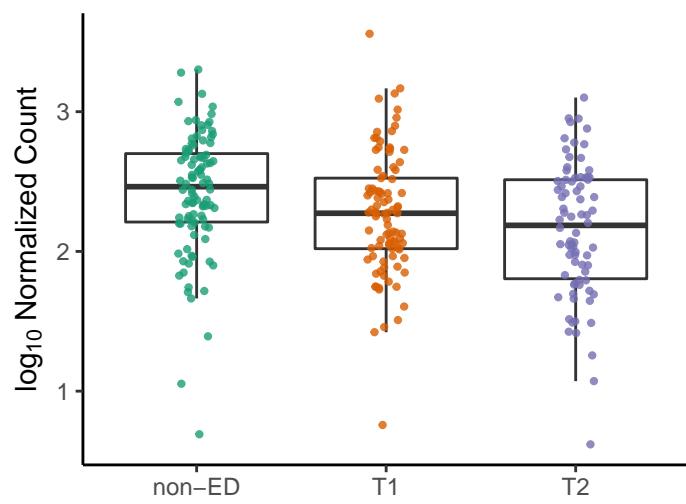
### *Stenotrophomonas* sp. ASS1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.7



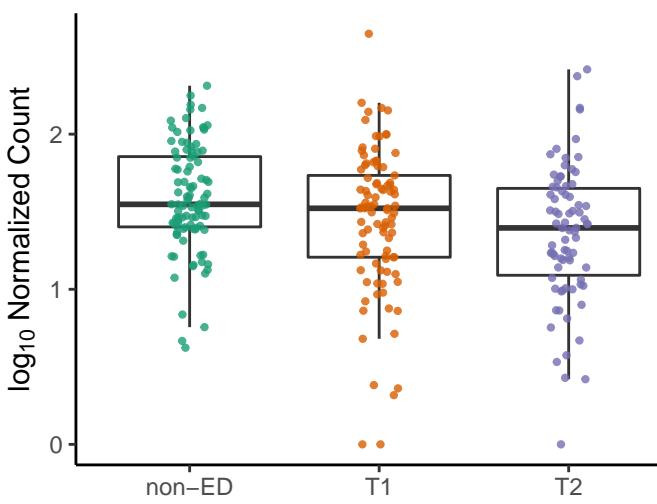
### *Clostridium chauvoei*

non-ED vs. T1 adjusted p = 0.065  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.55



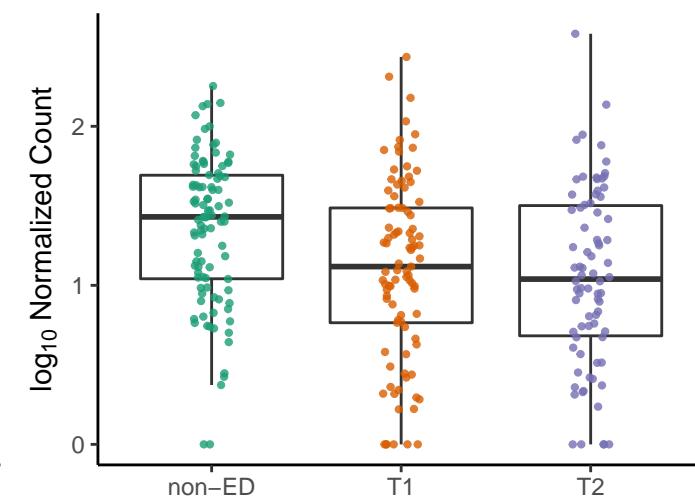
### *Brevibacterium siliguriense*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.74



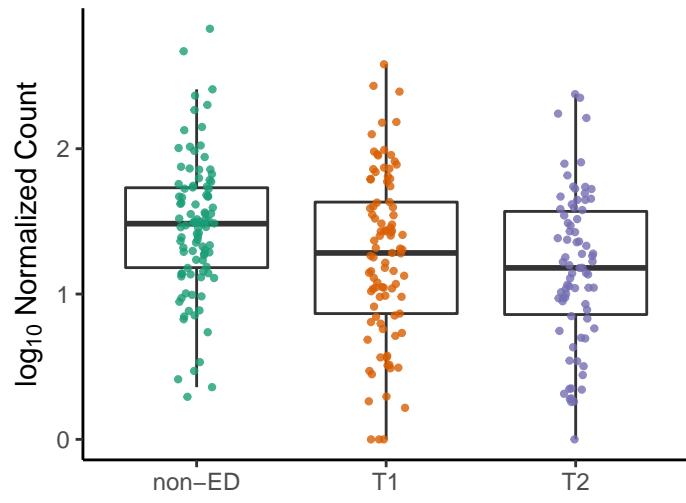
### *Mycoplasma nasistruthionis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.84



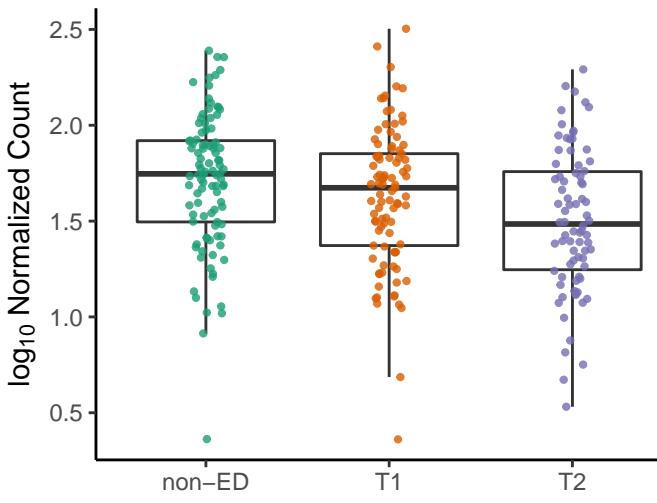
### TM7 phylum sp. oral taxon 957

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.73



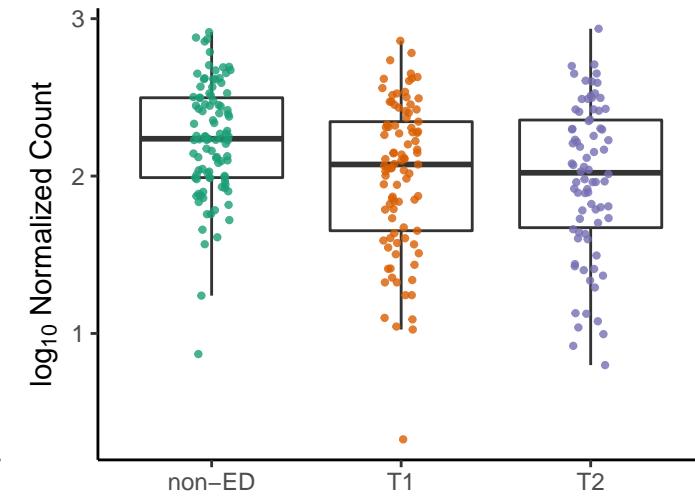
### *Dolosigranulum pigrum*

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.0036  
 T1 vs. T2 adjusted p = 0.5



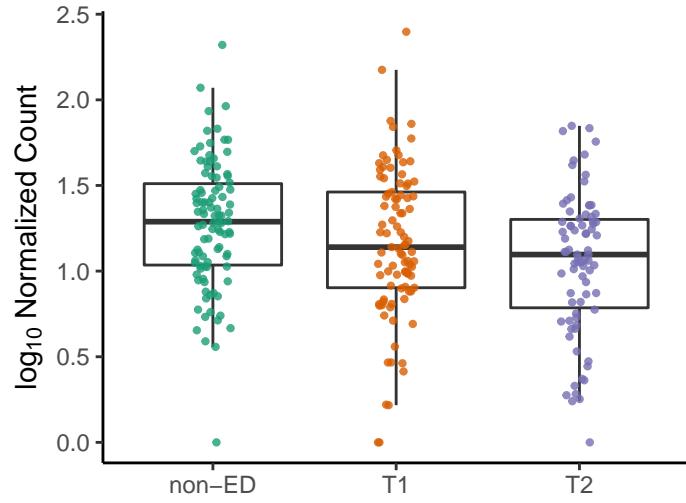
### *Singulisphaera acidiphila*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0036  
 T1 vs. T2 adjusted p = 0.99



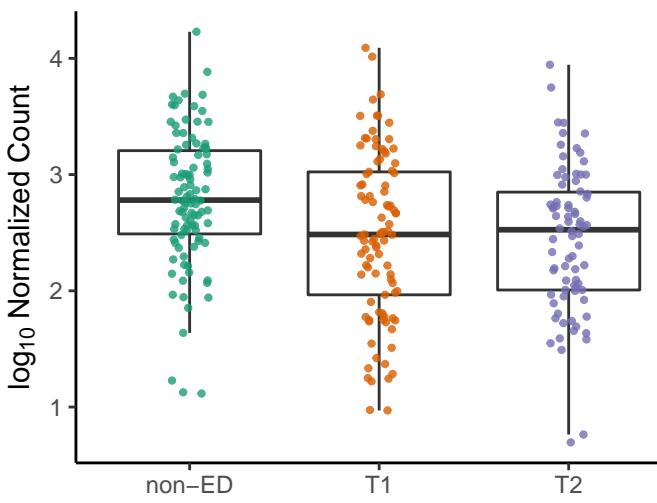
### *Shewanella* sp. YLB-06

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.68



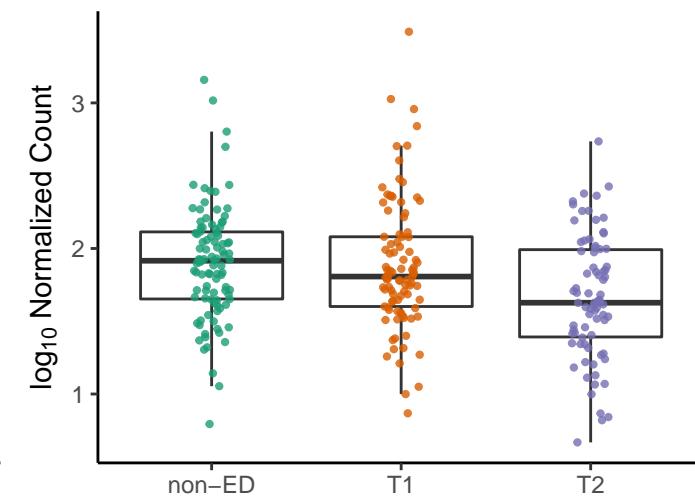
### *Streptococcus viridans*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.91



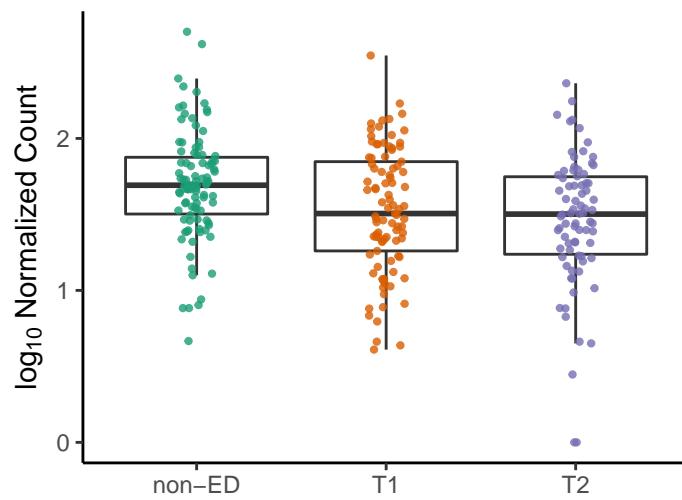
### *Kluyvera* sp. PO2S7

non-ED vs. T1 adjusted p = 0.87  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.15



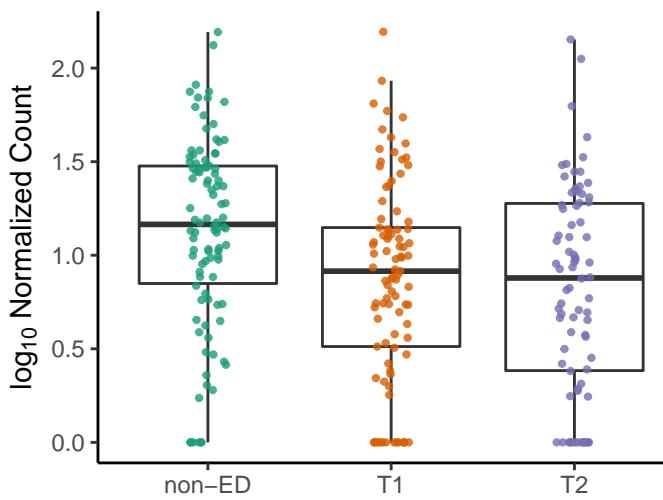
### *Elizabethkingia ursingii*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.7



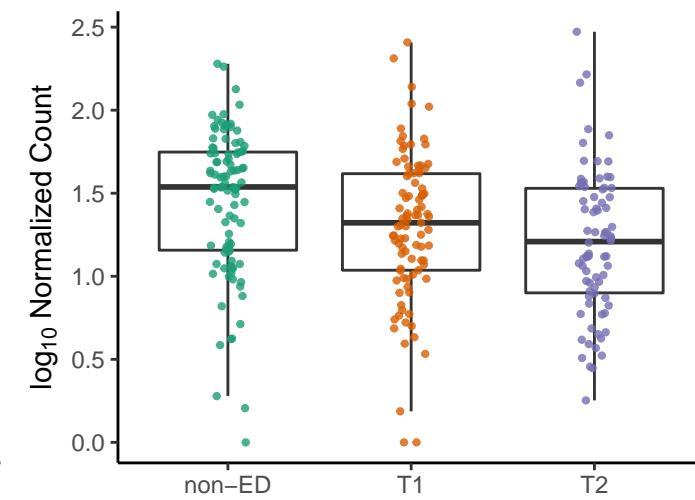
### *Borrelia duttonii*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.73



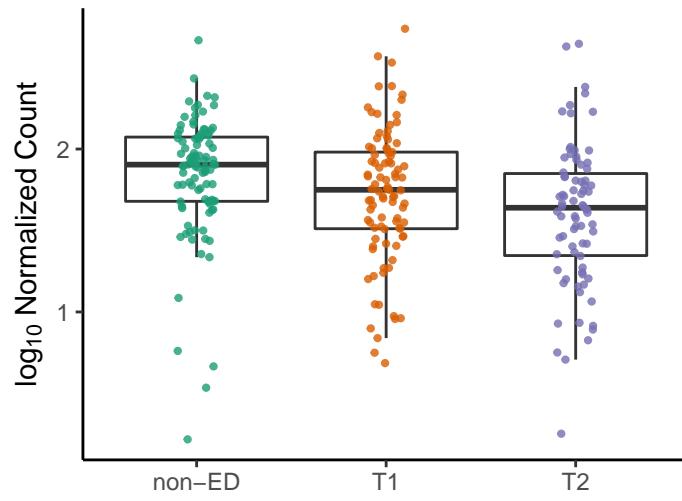
### *Thermodesulfobium acidiphilum*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.63



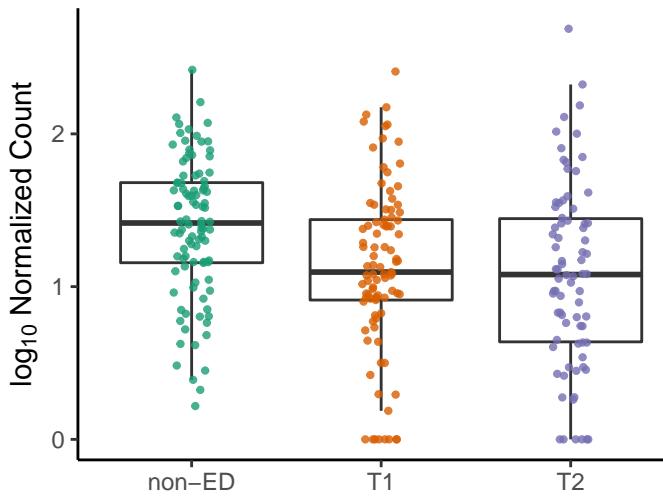
### *Candidatus Methylopumilus universalis*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.61



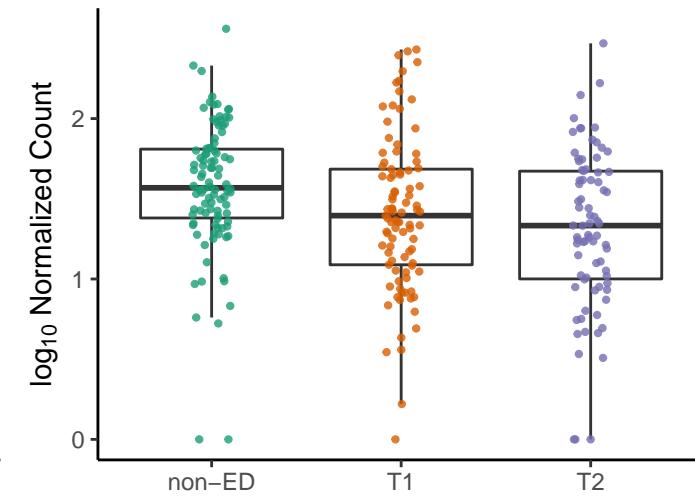
### *Mycoplasma agalactiae*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.0038  
 T1 vs. T2 adjusted p = 0.84



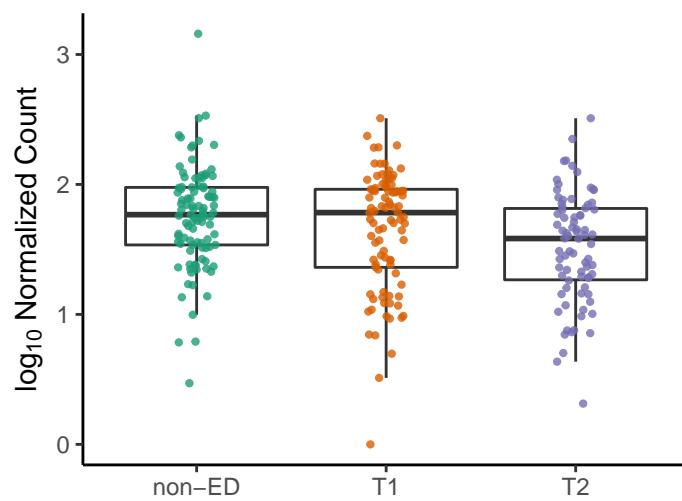
### *Candidatus Endolissoclinum faulkneri*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.0038  
 T1 vs. T2 adjusted p = 0.67



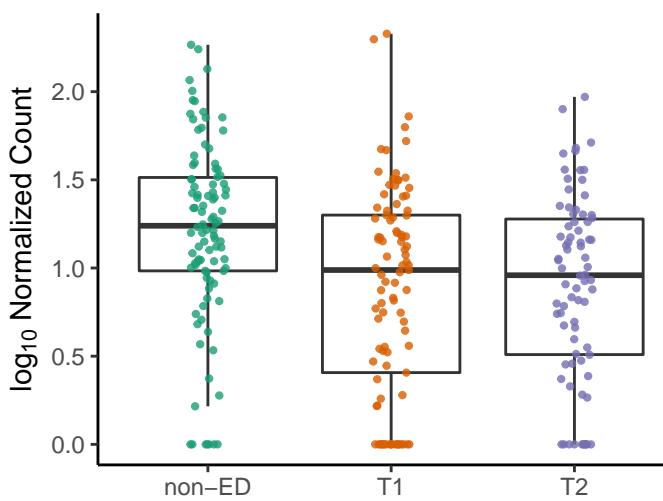
### *Pseudomonas koreensis*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.0038  
 T1 vs. T2 adjusted p = 0.47



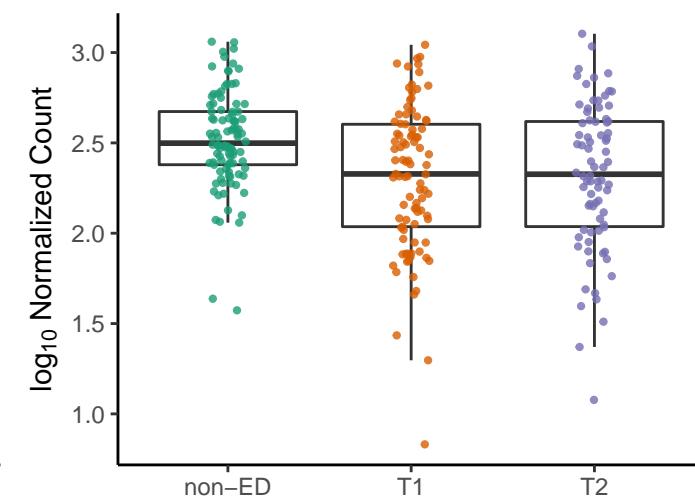
### *Pseudomonas sp. A214*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0038  
 T1 vs. T2 adjusted p = 0.86



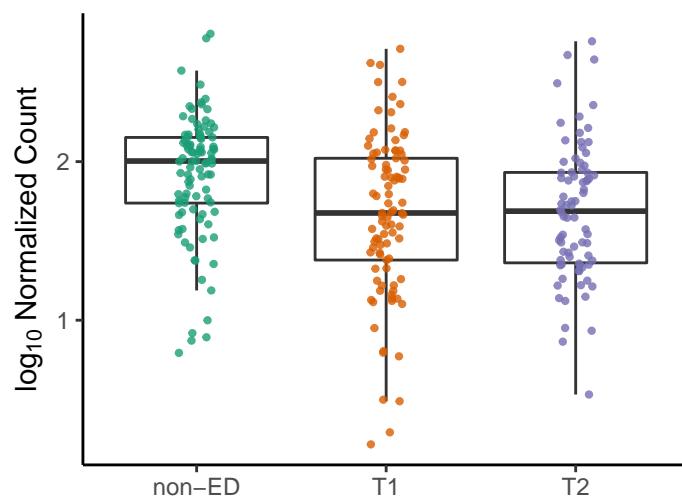
### *Terriglobus roseus*

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.79



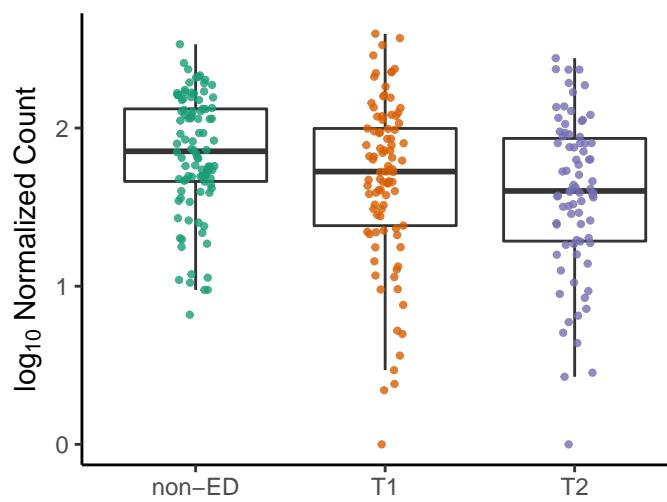
### Acetobacteraceae bacterium

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0039  
T1 vs. T2 adjusted p = 0.89



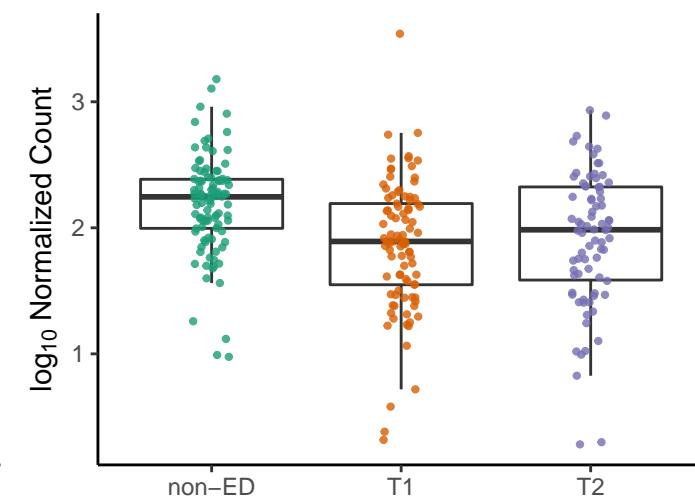
### Corynebacterium testudinoris

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.0039  
T1 vs. T2 adjusted p = 0.73



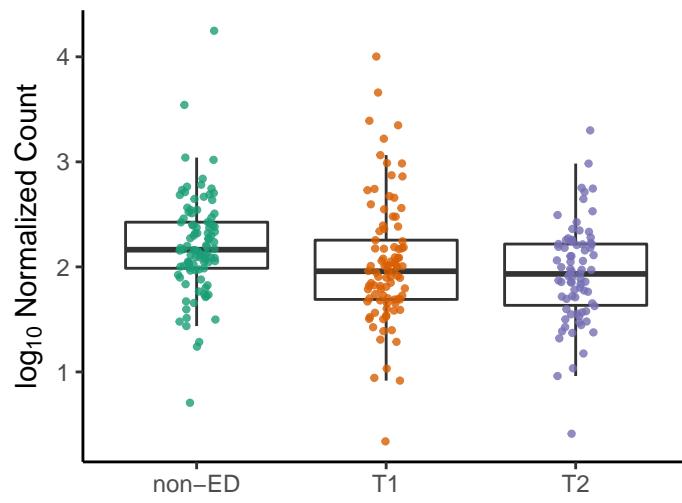
### Acidovorax sp. RAC01

non-ED vs. T1 adjusted p = 0.00022  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.66



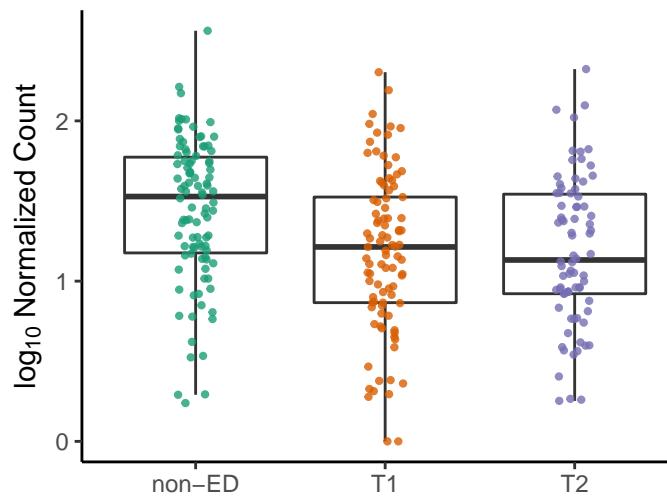
### Leuconostoc mesenteroides

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.7



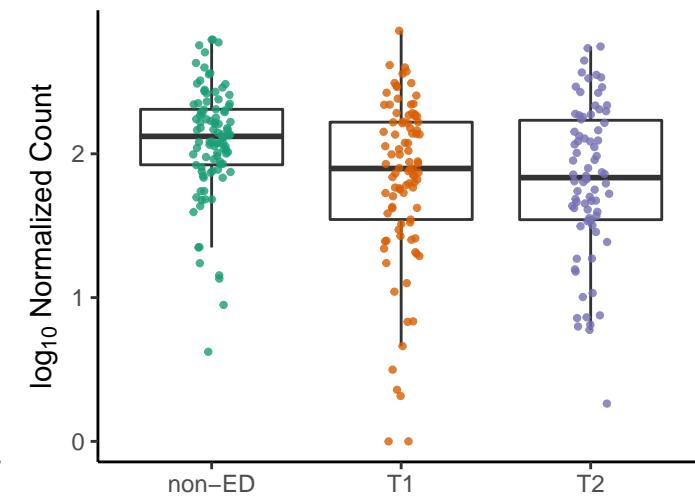
### Roseovarius sp. THAF8

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.98



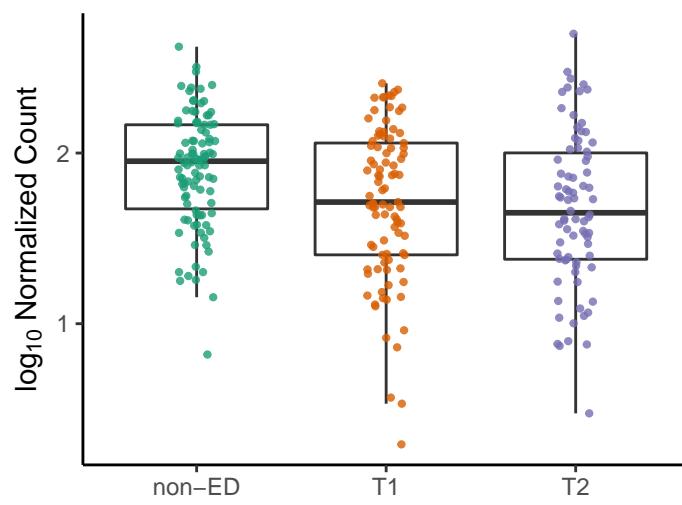
### Rhodobacteraceae bacterium BAR1

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.92



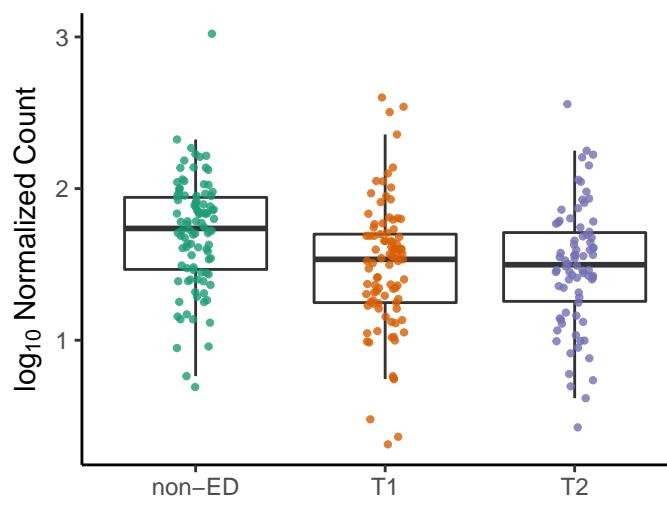
### Pseudarthrobacter chlorophenolicus

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.89



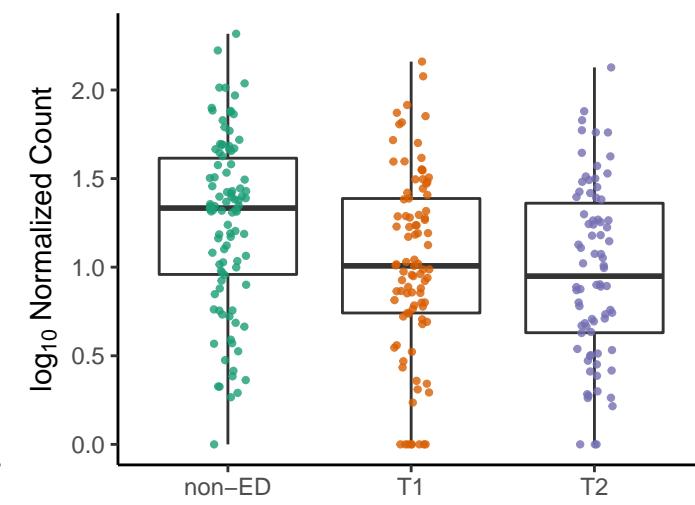
### Pseudomonas marincola

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.89



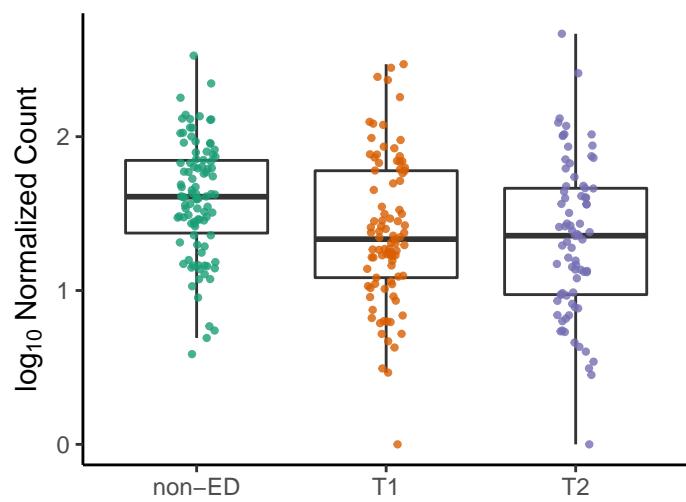
### Dermabacter hominis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.004  
T1 vs. T2 adjusted p = 0.97



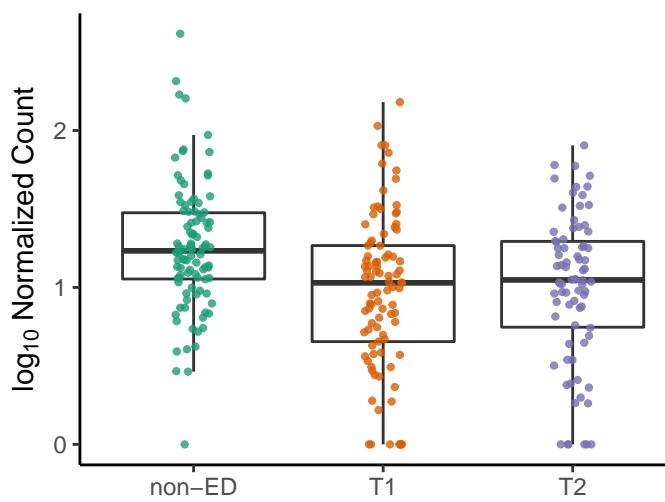
### *Mycobacteroides chelonae*

non-ED vs. T1 adjusted p = 0.0081  
 non-ED vs. T2 adjusted p = 0.0041  
 T1 vs. T2 adjusted p = 0.94



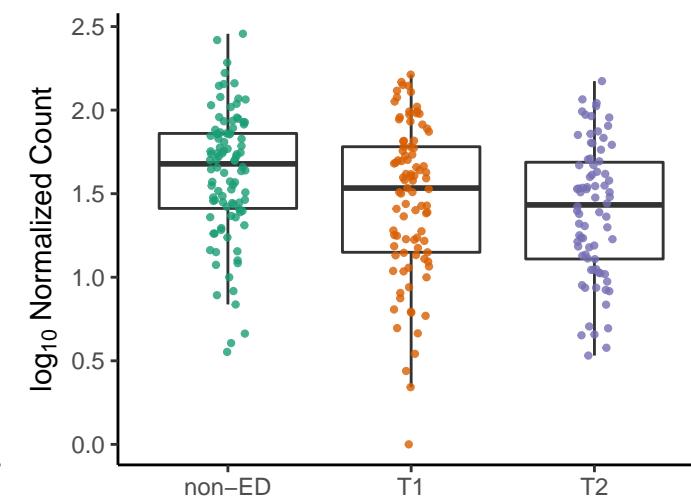
### *Labrenzia aggregata*

non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.0041  
 T1 vs. T2 adjusted p = 0.71



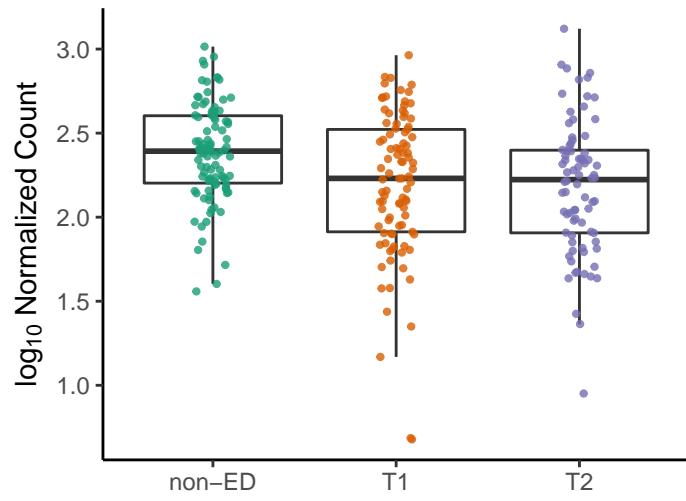
### *Campylobacter insulaenigrae*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.66



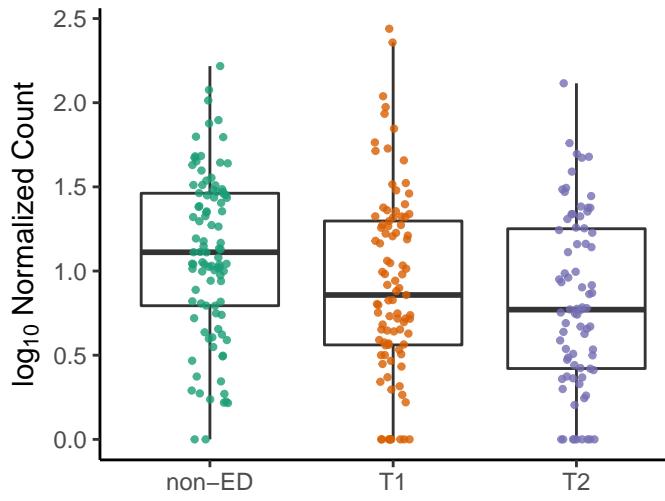
### Unclassified Arthrobacter Genus

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.94



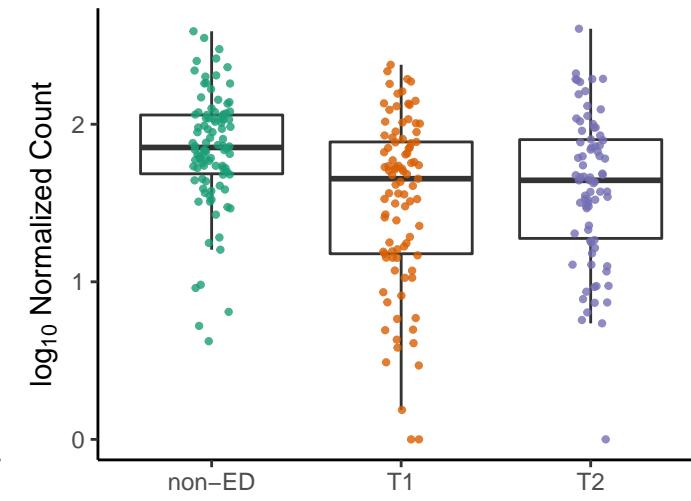
### *Apibacter sp. B3706*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.63



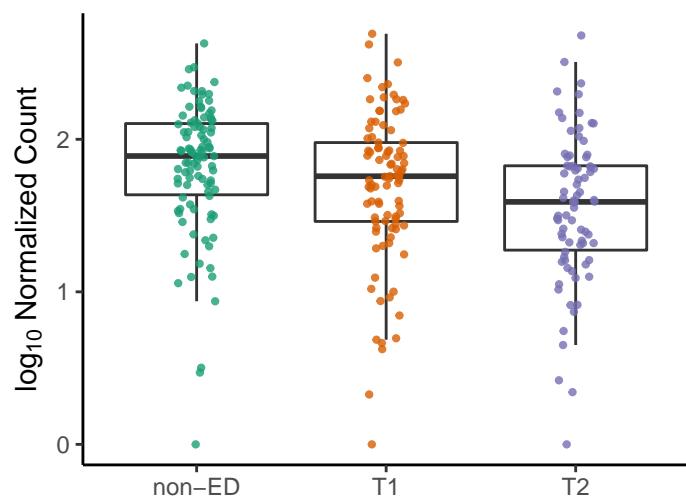
### *Sulfitobacter sp. SK011*

non-ED vs. T1 adjusted p = 0.00023  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.68



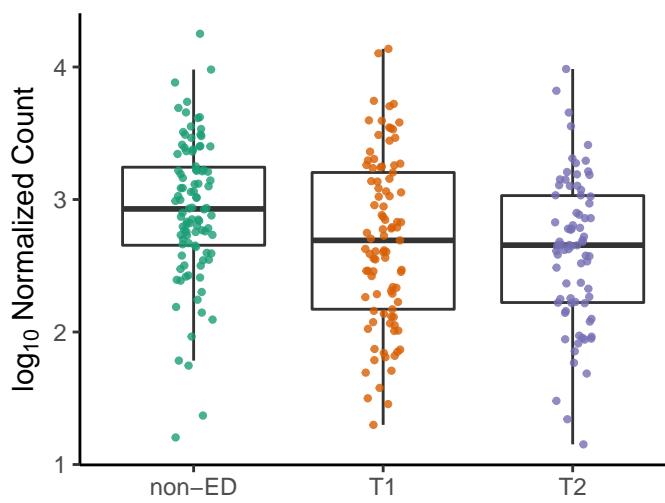
### *Tenacibaculum todaridis*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.47



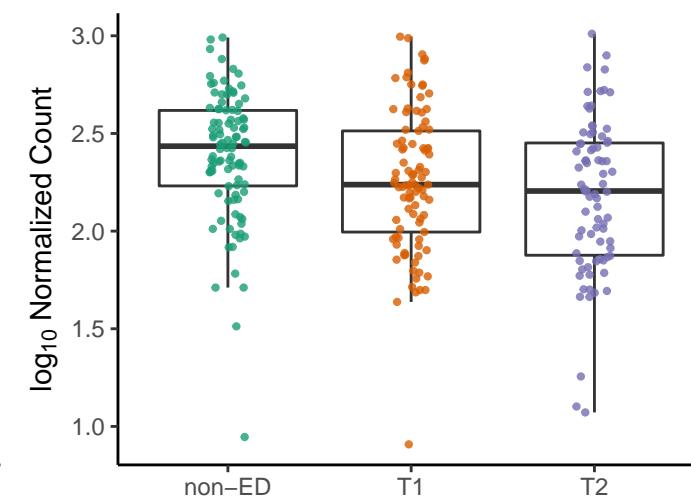
### *Streptococcus australis*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.79



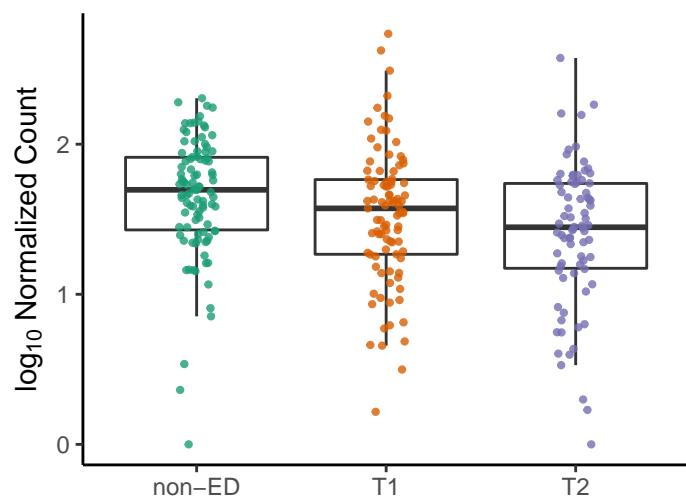
### *Hathewaya histolytica*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.67



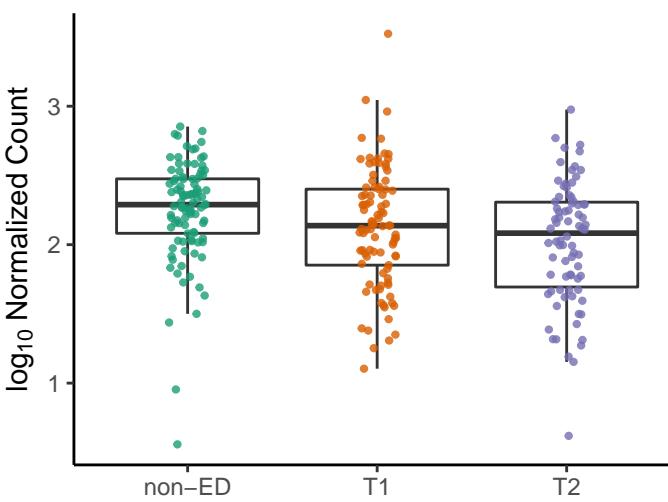
### *Legionella anisa*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.55



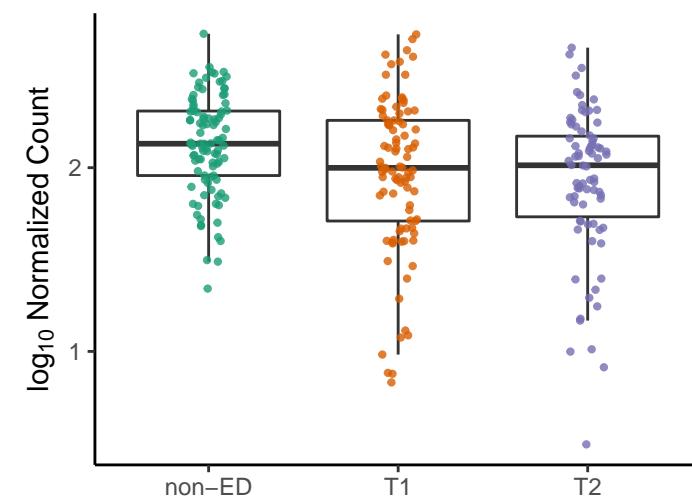
### *Fusobacterium pseudoperiodonticum*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.66



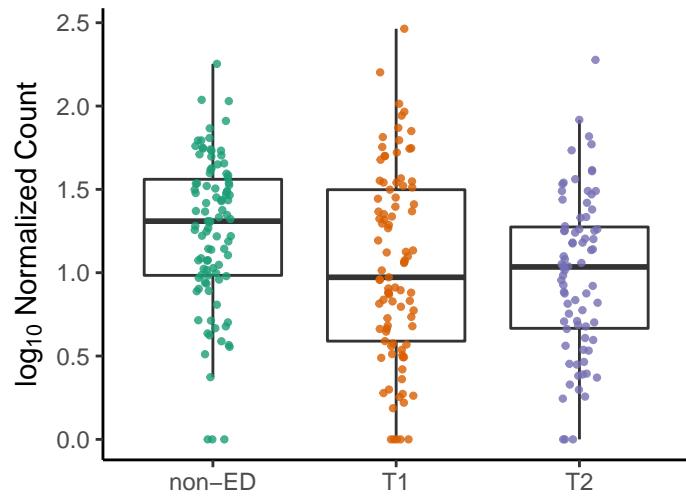
### *Herbaspirillum hiltneri*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.98



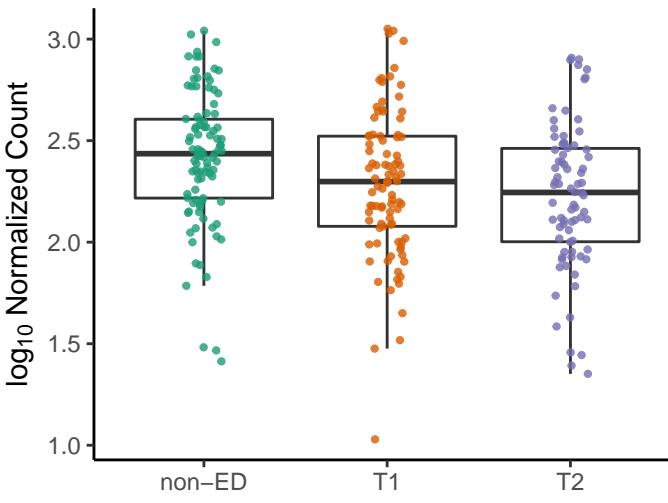
### *Mycoplasma phocirhinis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.74



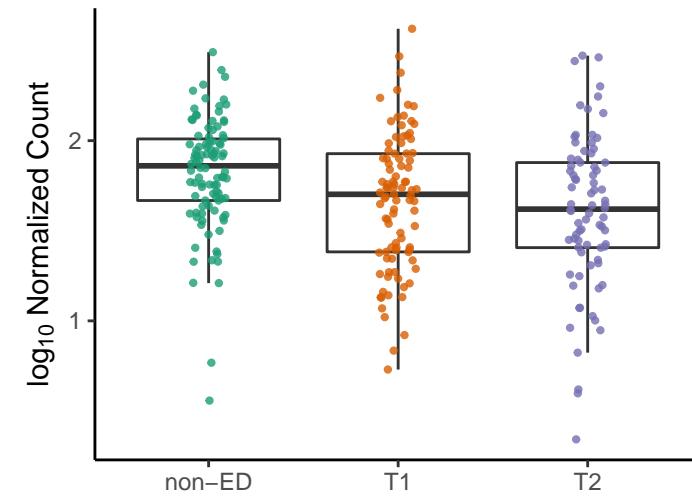
### *Caloranaerobacter azorensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.77



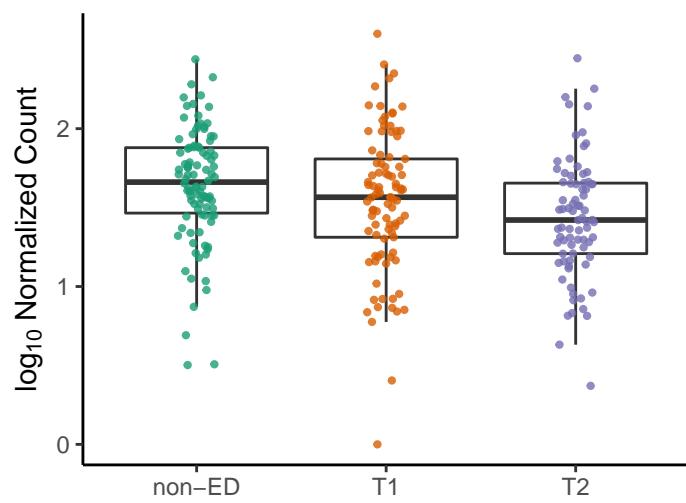
### *Flavobacterium sp. Sr18*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.77



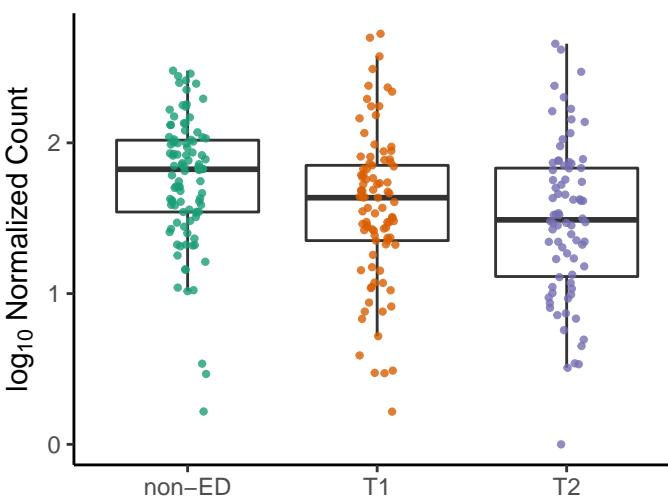
### Unclassified Fusobacteriales Order

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.55



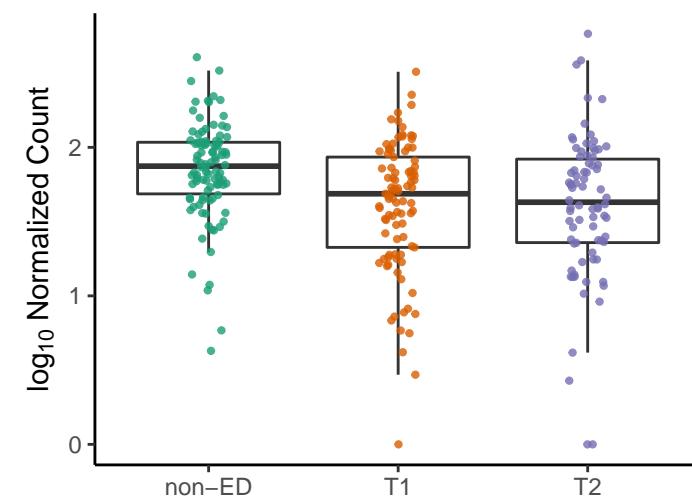
### *Algibacter sp. L3A6*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.69



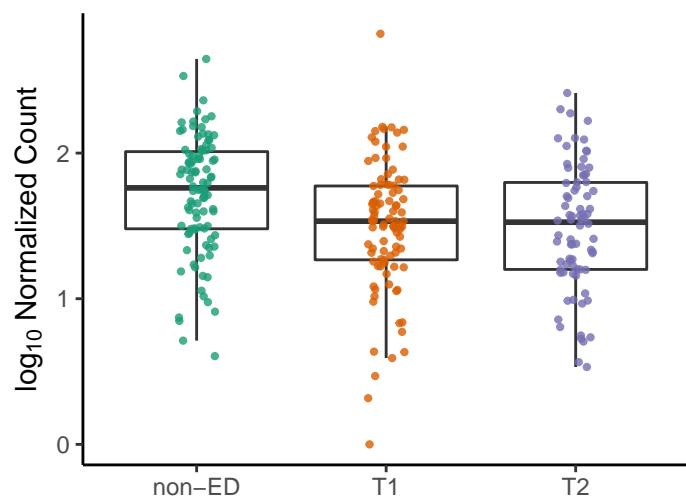
### *Nitrosomonas europaea*

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.96



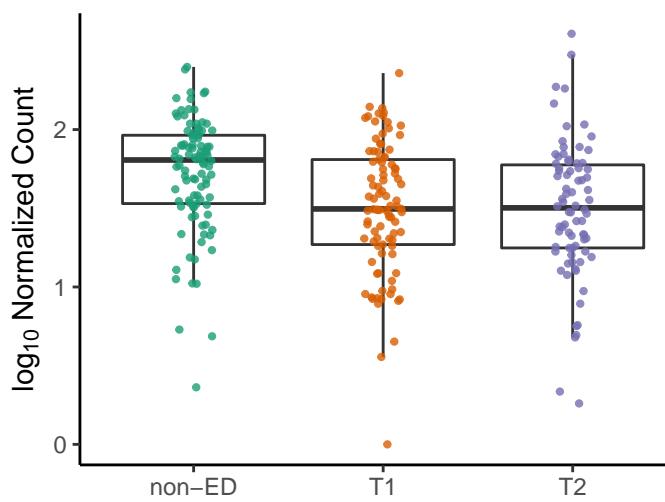
### *Phytobacter ursingii*

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.88



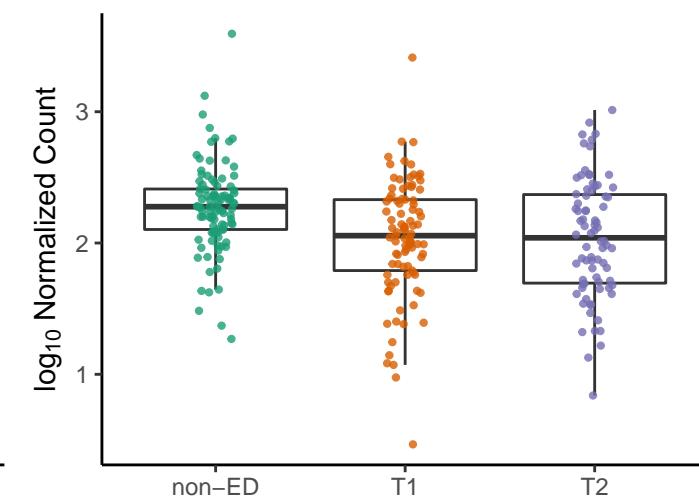
### *Leptotrichia hofstadii*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.9



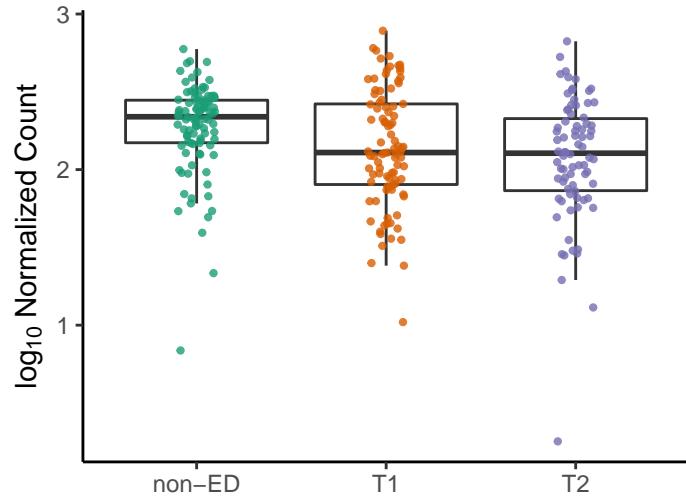
### *Orrella dioscoreae*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.8



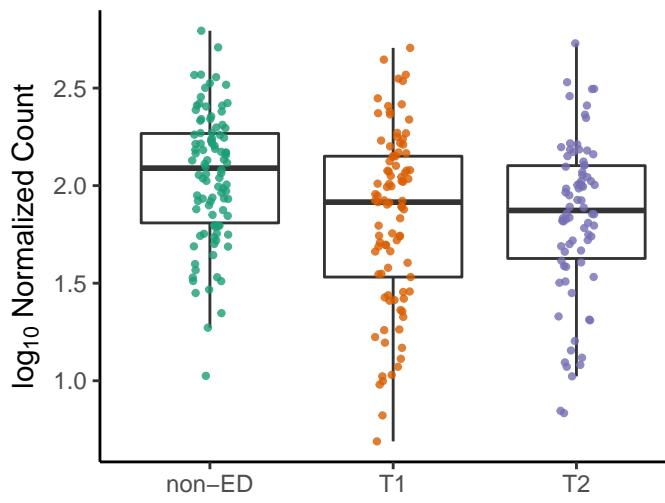
### [*Clostridium*] ultunense

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.7



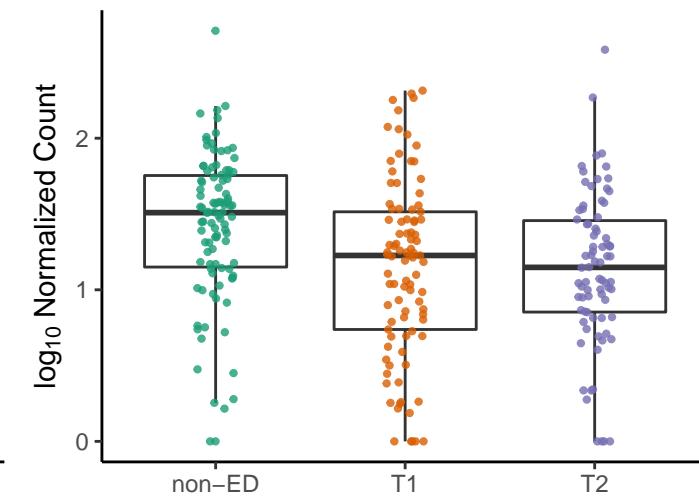
### *Agrobacterium fabrum*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.97



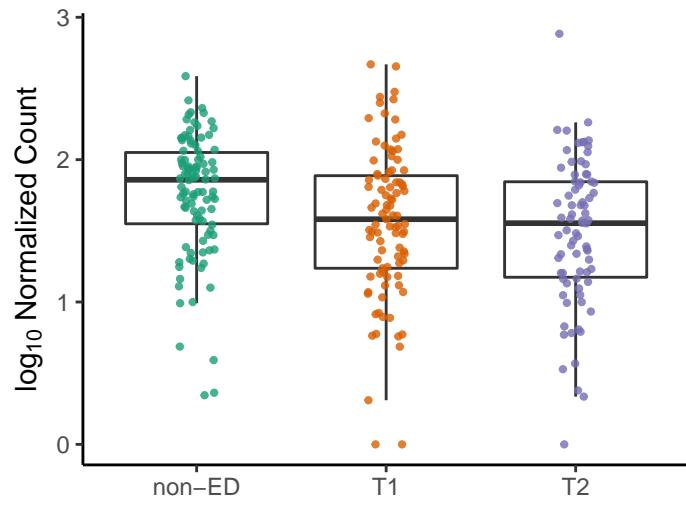
### *Arcobacter* sp. LPB0137

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.92



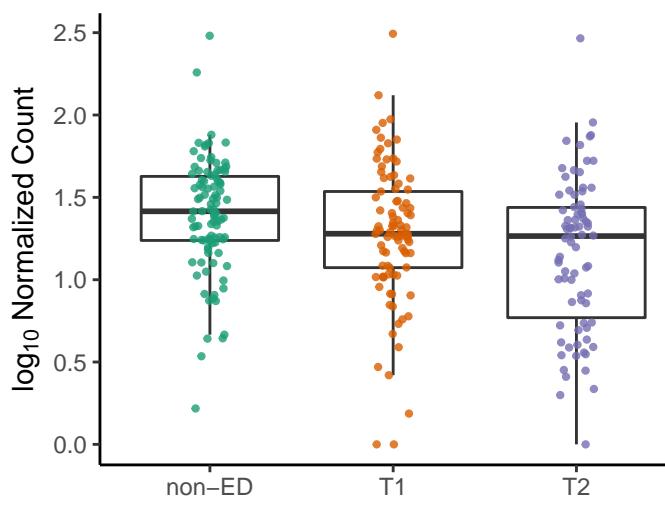
### *Lacinutrix* sp. 5H-3-7-4

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.78



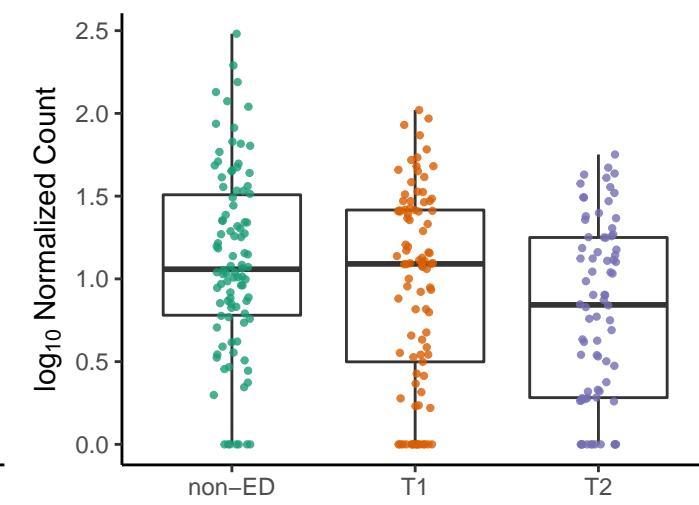
### *Moritella marina*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.7



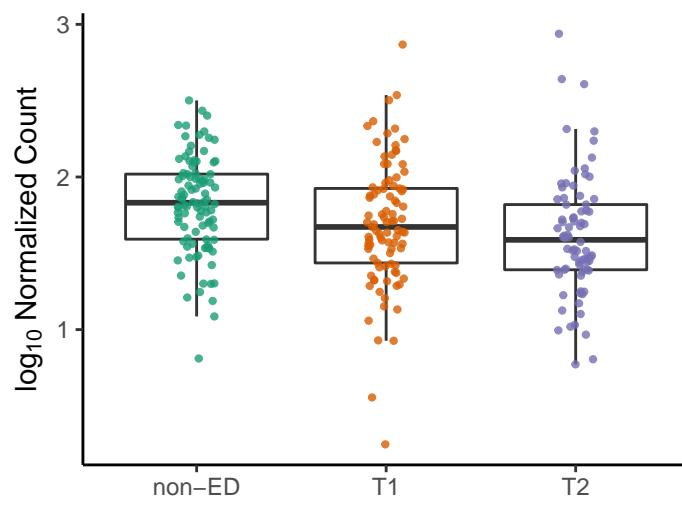
### *Pseudomonas granadensis*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.26



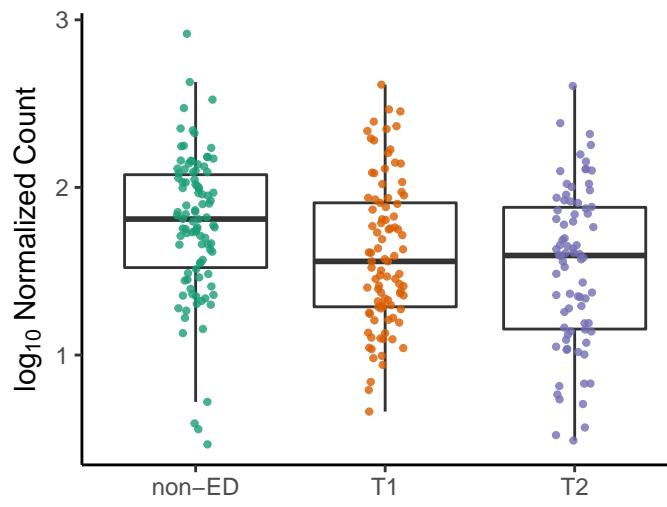
### *Scheffersomyces stipitis*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.68



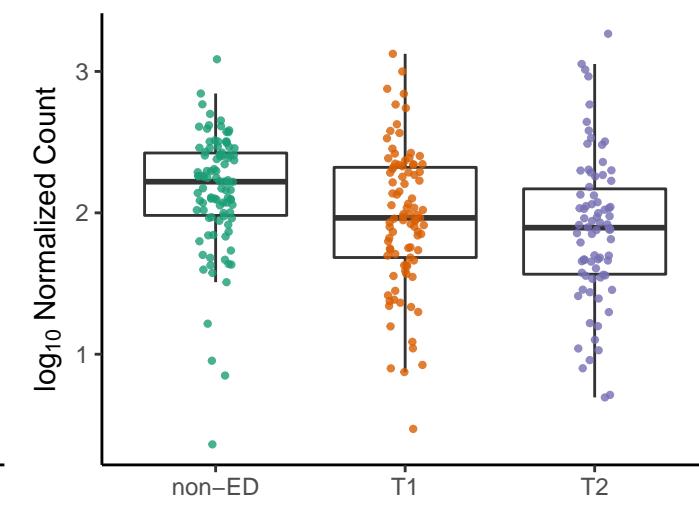
### *Spiroplasma chinense*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.77



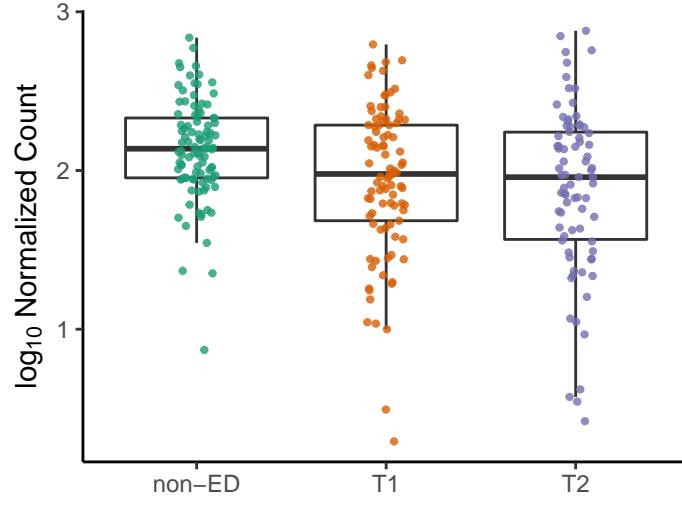
### *Glaciecola* sp. THG-3.7

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.74



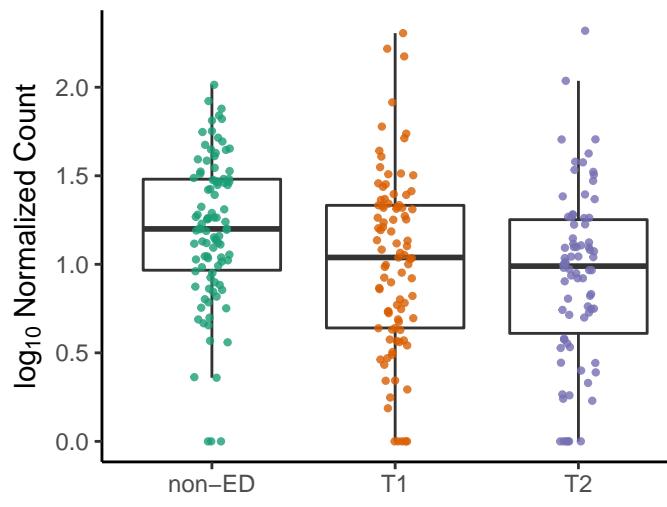
### *Planctomycetes bacterium Pla163*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.84



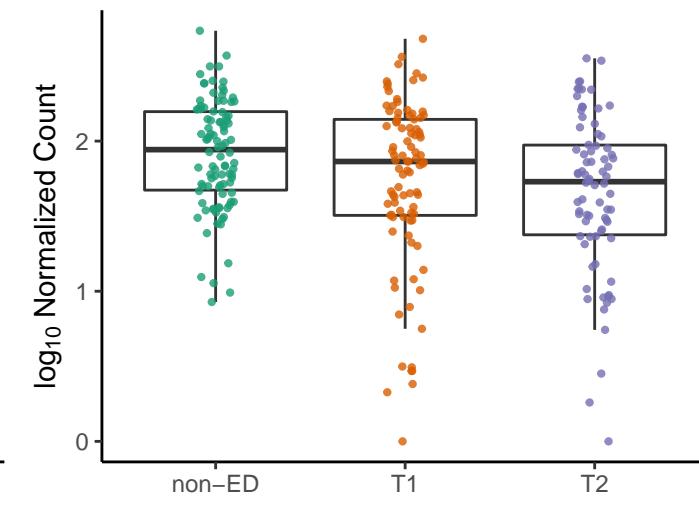
### *Thermoanaerobacter italicus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.68



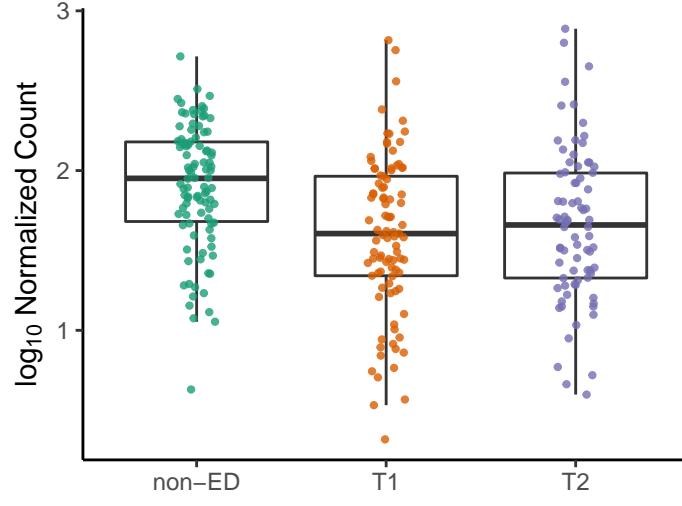
### *Streptomyces prasinus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.73



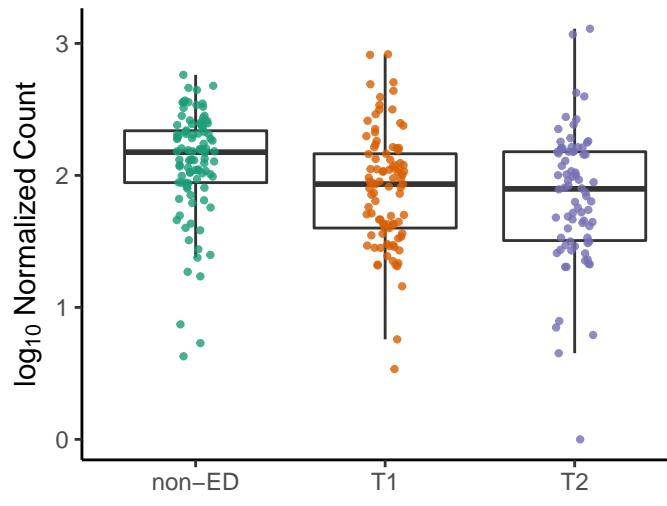
### *Arcanobacterium phocae*

non-ED vs. T1 adjusted p = 0.00033  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.68



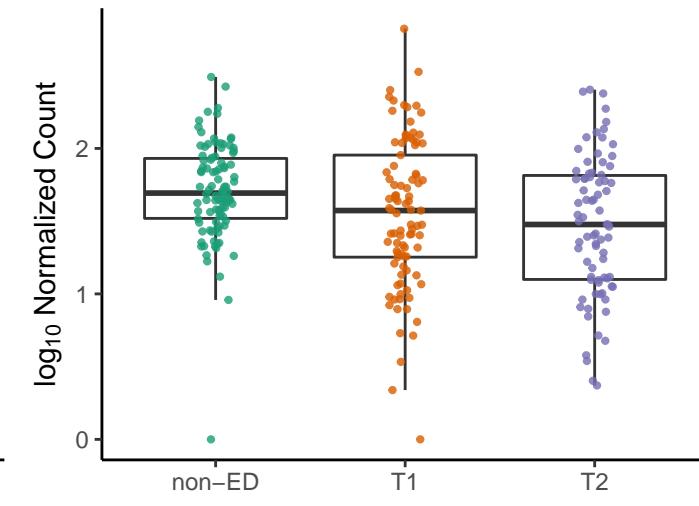
### *Brachyspira hyodysenteriae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.73



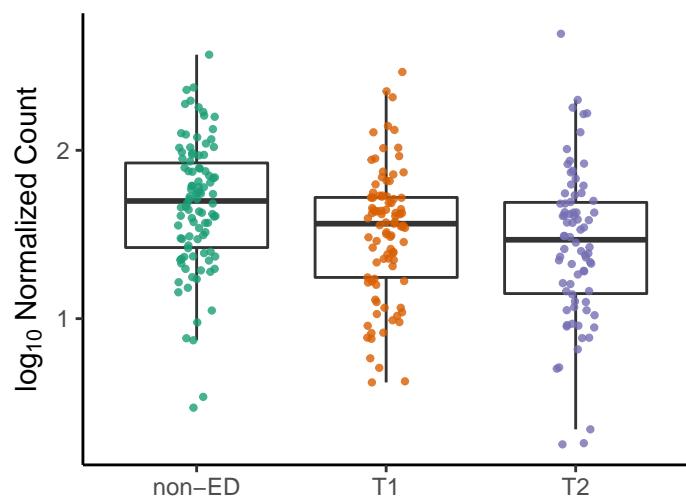
### *Campylobacter hepaticus*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.73



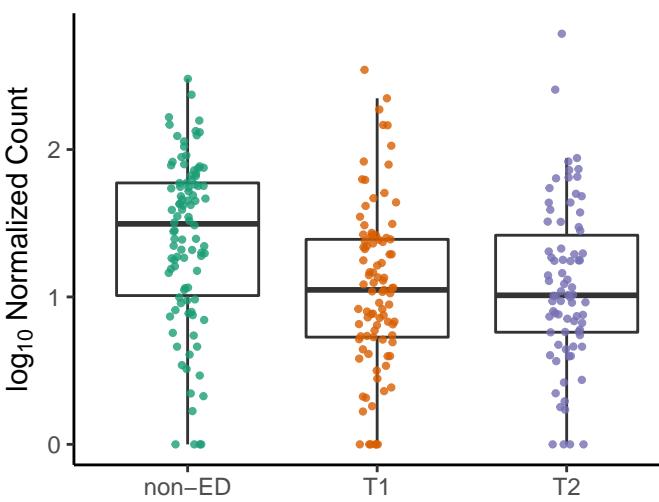
### *Nodularia spumigena*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.76



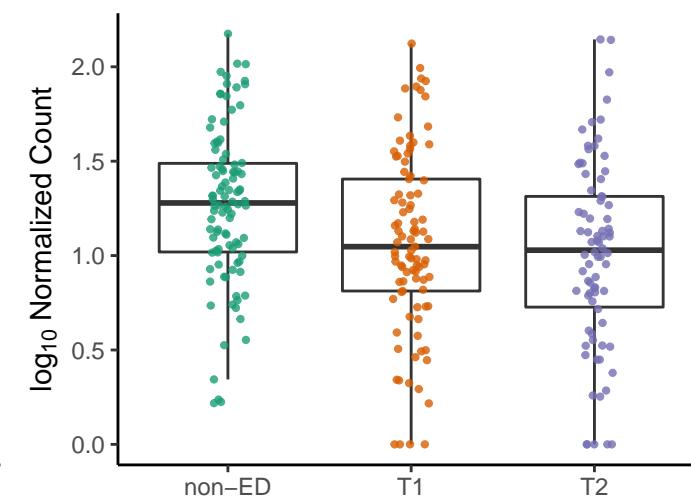
### *Psychrobacter* sp. P11G5

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.91



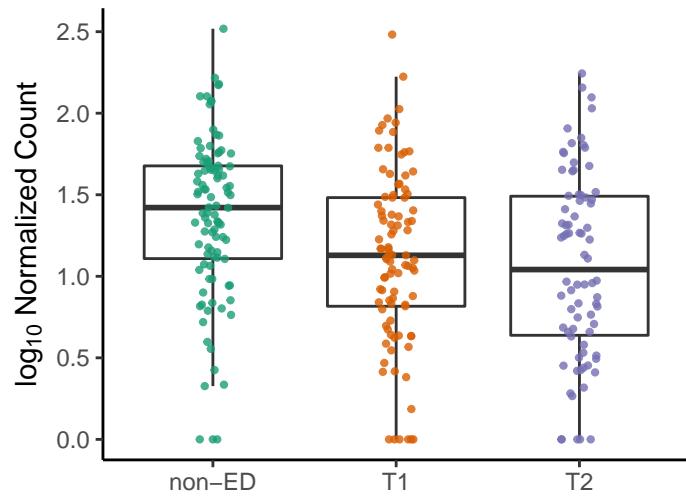
### *Mycoplasma gallisepticum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.82



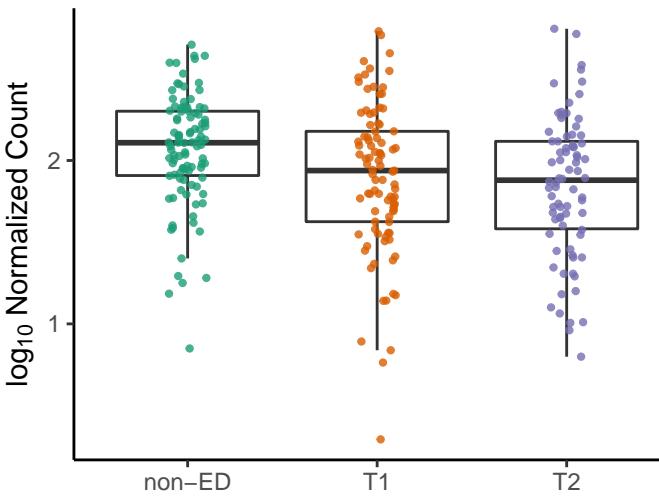
### *Pseudomonas* sp. SGAir0191

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.85



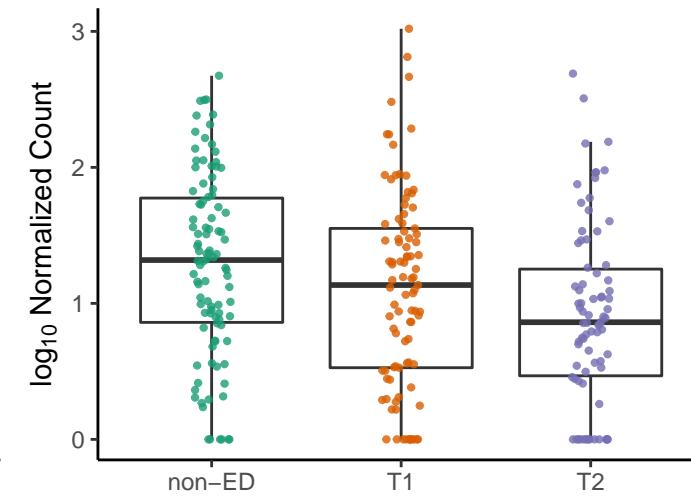
### *Prosthecochloris* sp. GSB1

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.8



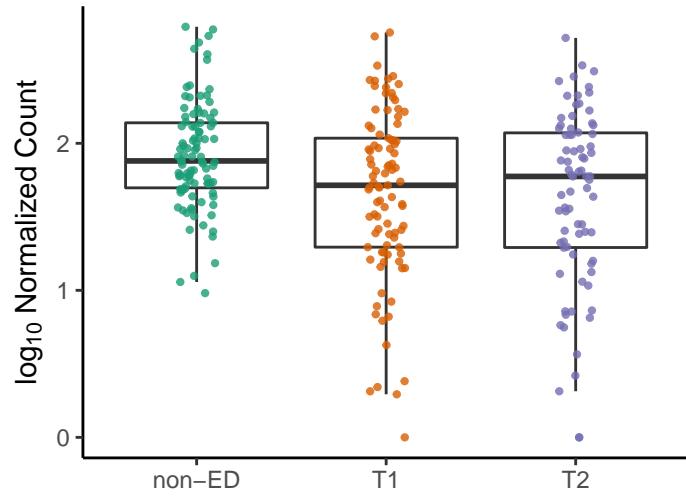
### Unclassified Christensenella Genus

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.52



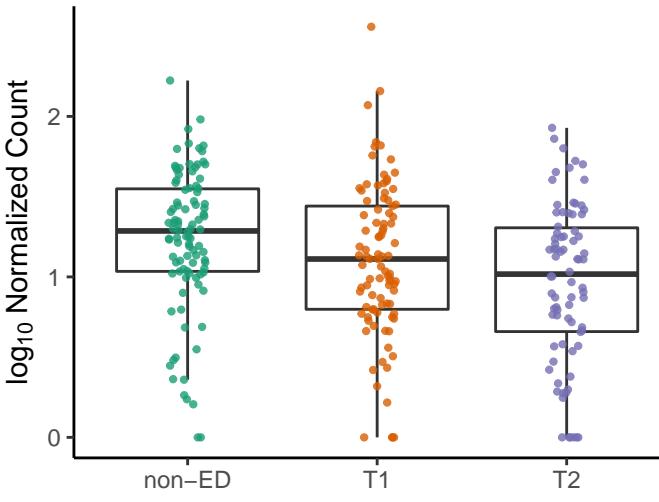
### *Luteimonas yindakuii*

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.95



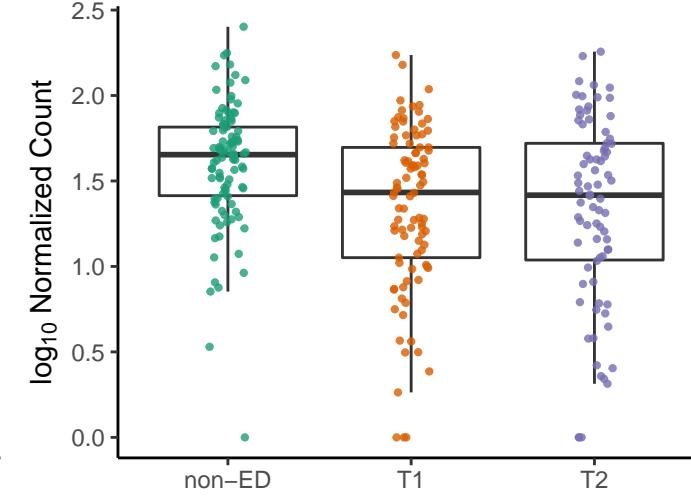
### *Fusobacterium periodonticum*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.65



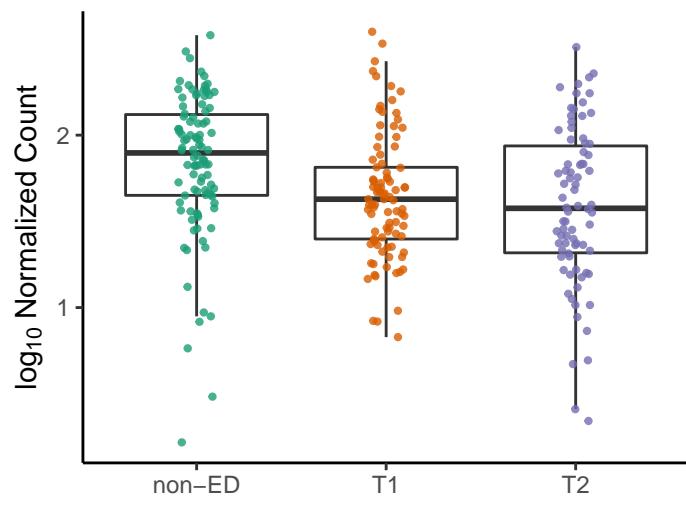
### *Planctomycetes* bacterium Pan258

non-ED vs. T1 adjusted p = 0.0018  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.99



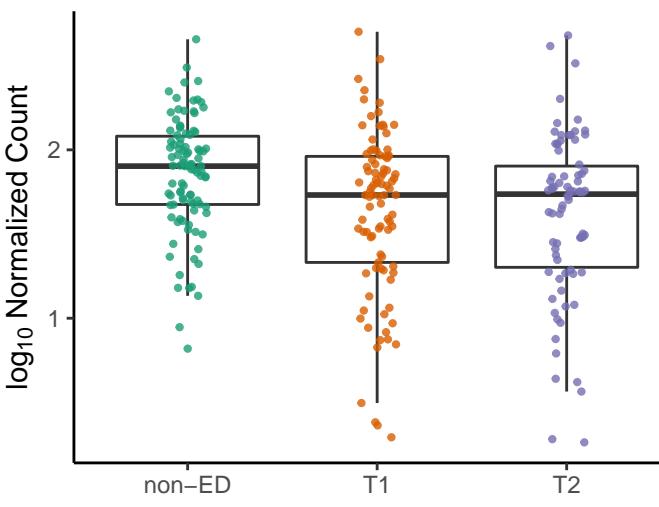
### *Staphylococcus felis*

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.0048  
T1 vs. T2 adjusted p = 0.75



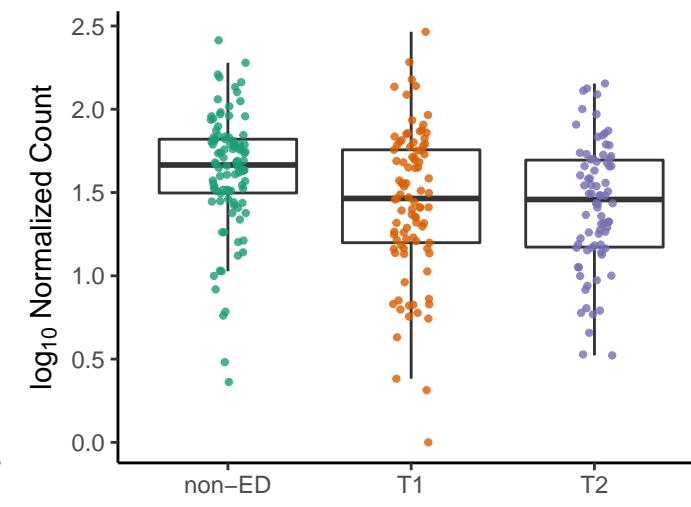
### *Synechococcus sp. KORDI-52*

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.0048  
T1 vs. T2 adjusted p = 0.96



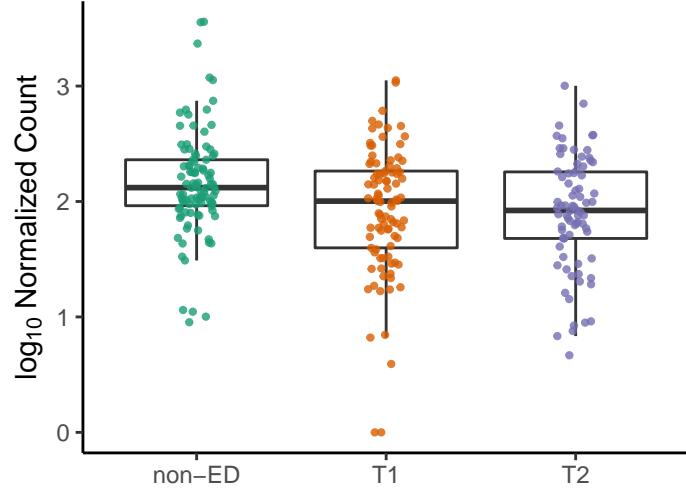
### *Acinetobacter baylyi*

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0049  
T1 vs. T2 adjusted p = 0.99



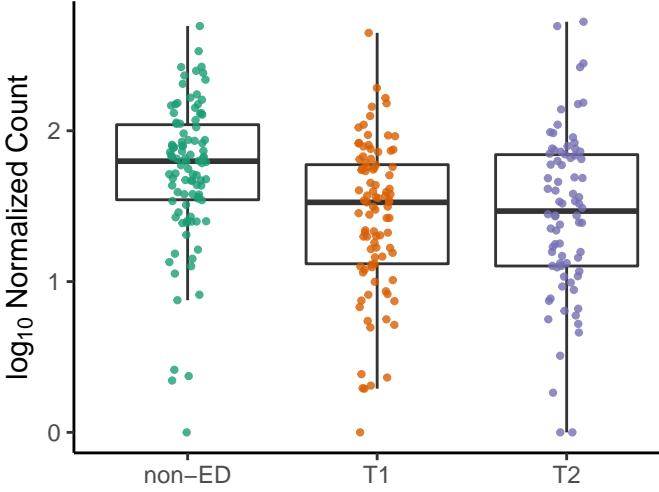
### *Amycolatopsis sp. BJA-103*

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.005  
T1 vs. T2 adjusted p = 0.91



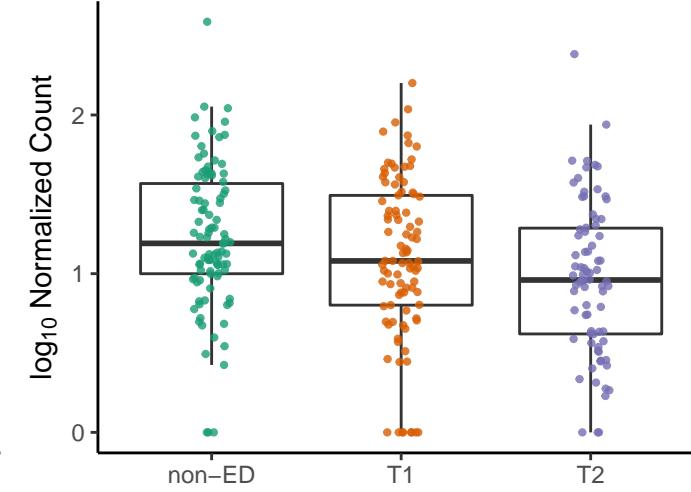
### *Glutamicibacter nicotianae*

non-ED vs. T1 adjusted p = 0.001  
non-ED vs. T2 adjusted p = 0.005  
T1 vs. T2 adjusted p = 0.89



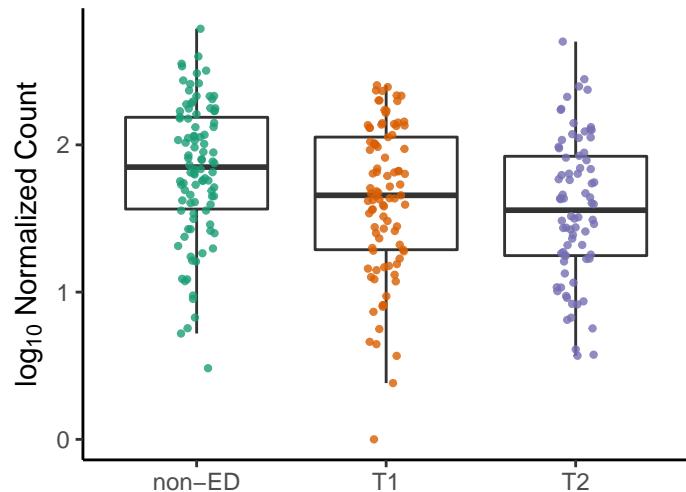
### *Candidatus Borrelia tachyglossi*

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.63



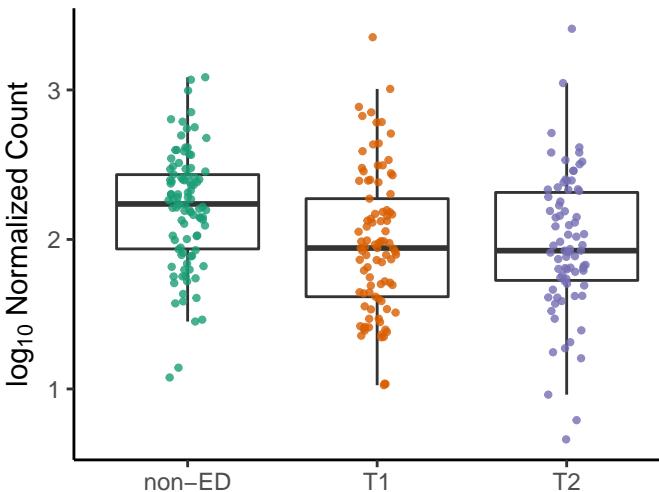
### *Sphingosinithalassobacter sp. zrk23*

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.77



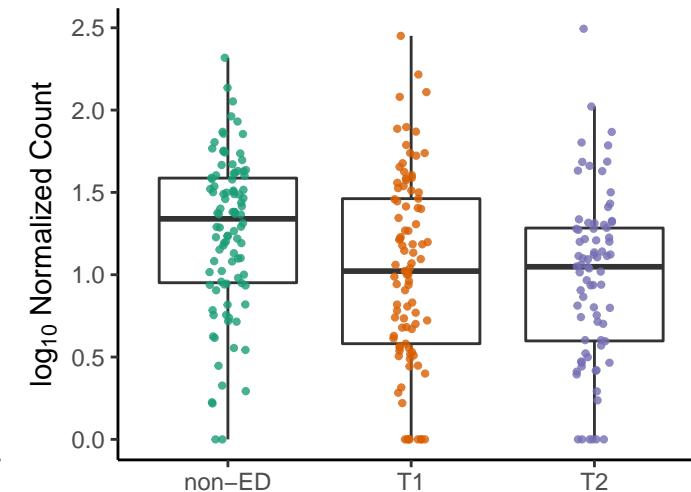
### *Lactococcus garvieae*

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.98



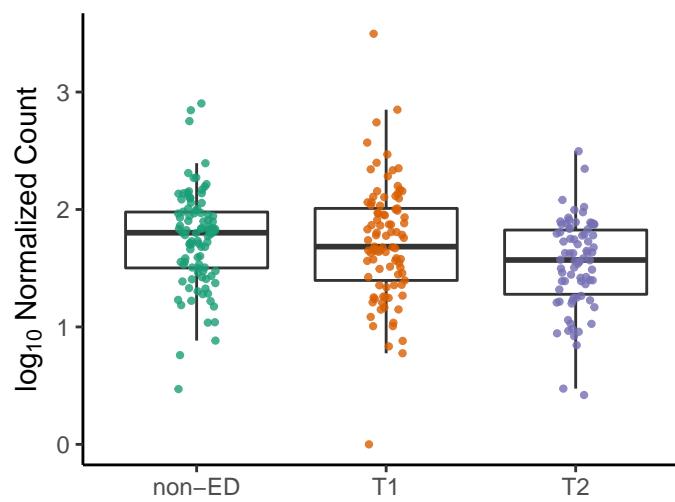
### *Mycoplasma cloacale*

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0052  
T1 vs. T2 adjusted p = 0.79



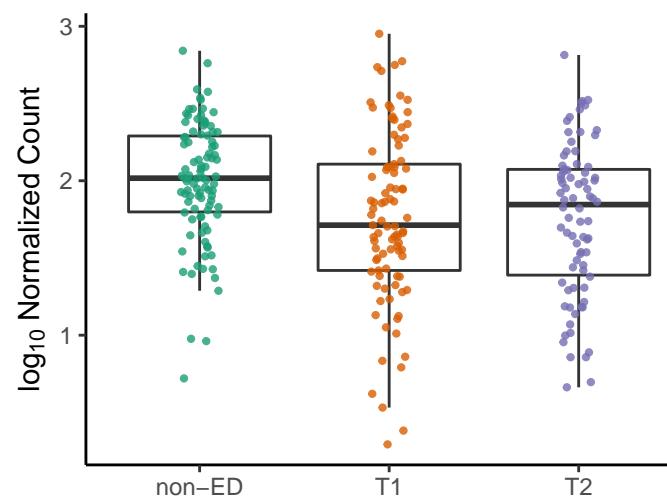
### *Buttiauxella* sp. 3AFRM03

non-ED vs. T1 adjusted p = 0.7  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.12



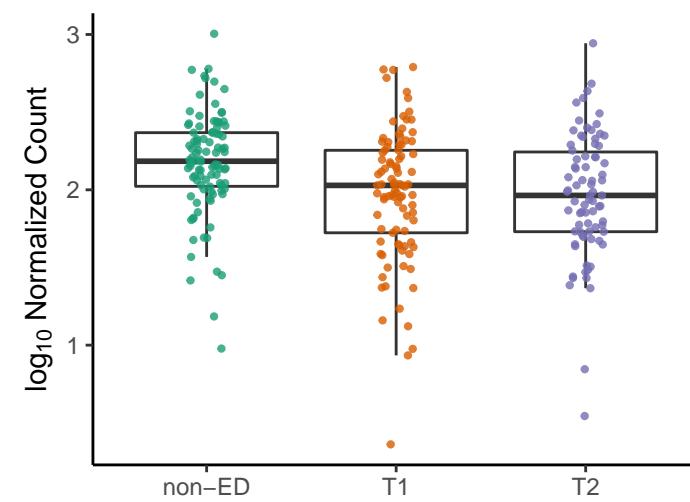
### *Corynebacterium endometrii*

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.87



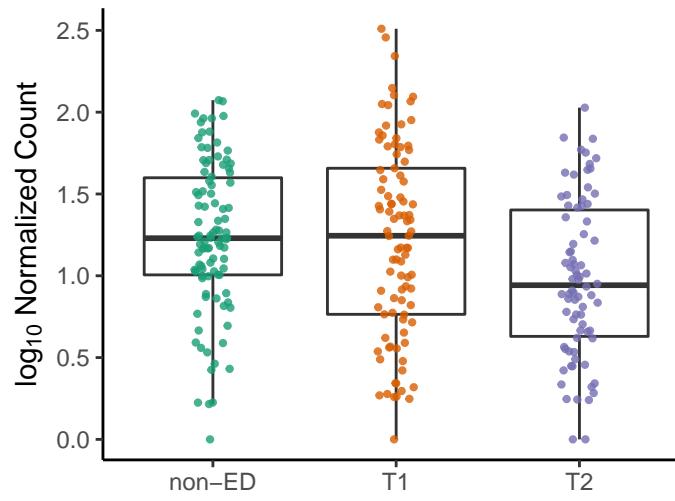
### *Mucilaginibacter gotjawali*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.94



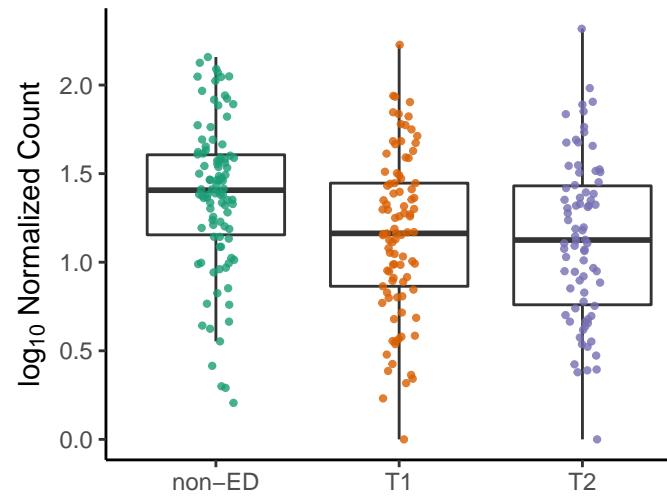
### *Mycoplasma pulmonis*

non-ED vs. T1 adjusted p = 0.83  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.11



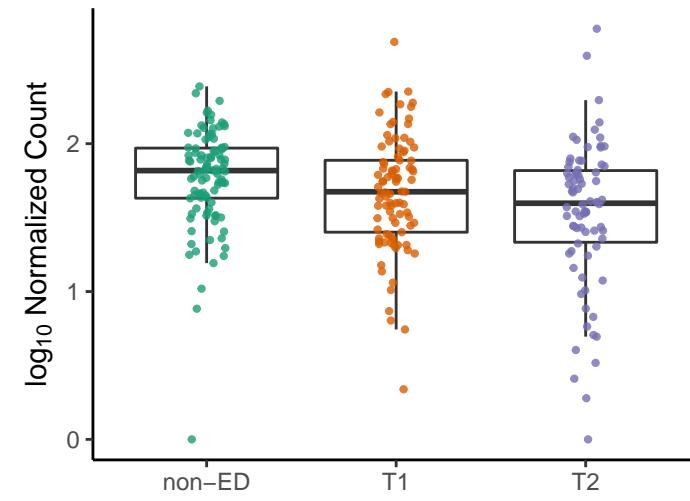
### *Nostoc* sp. ATCC 53789

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 1



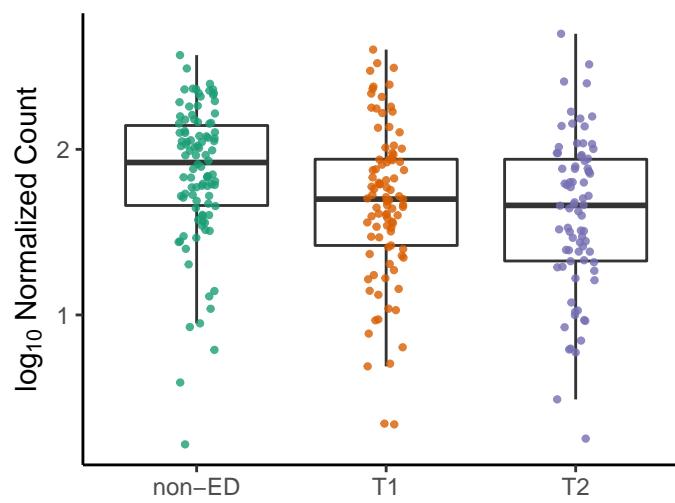
### *Staphylococcus chromogenes*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.46



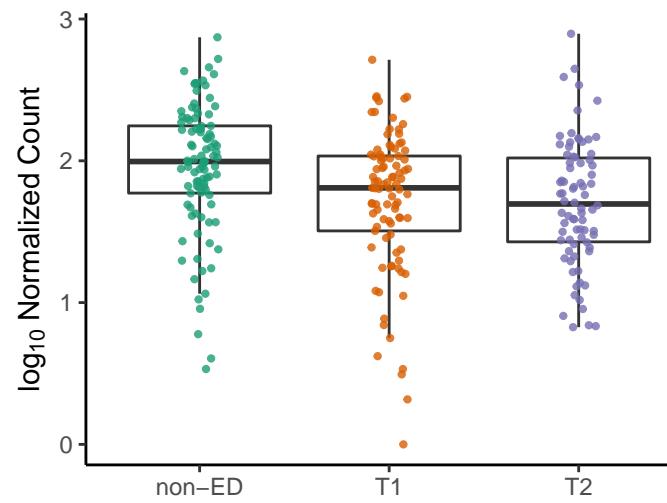
### *Acholeplasma laidlawii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.72



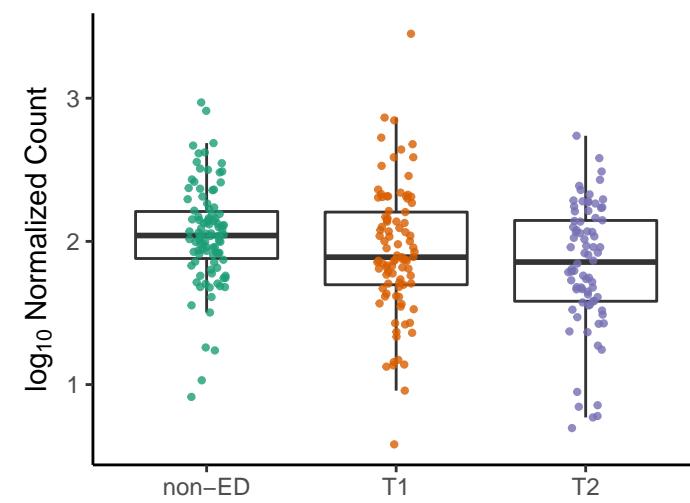
### *Gallaecimonas mangrovi*

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 1



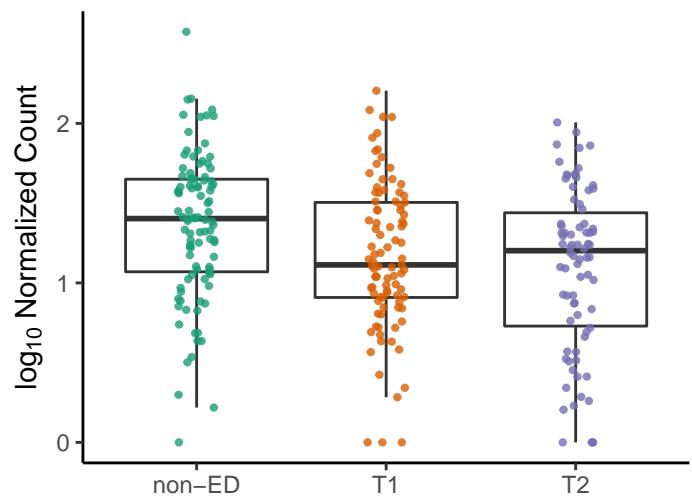
### *Kosakonia cowanii*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.76



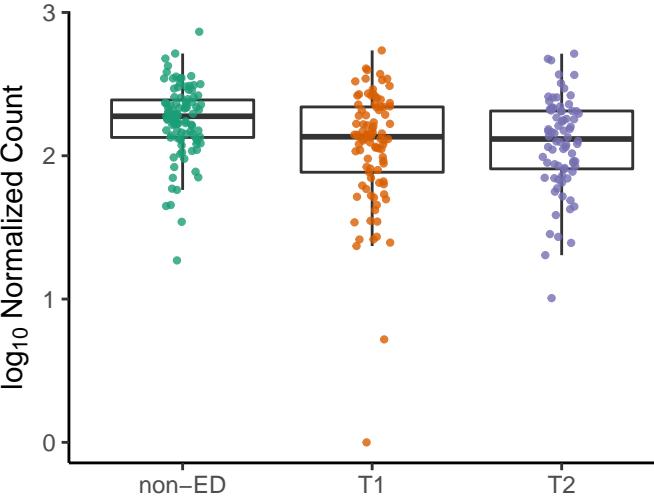
### *Mycoplasma arginini*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.69



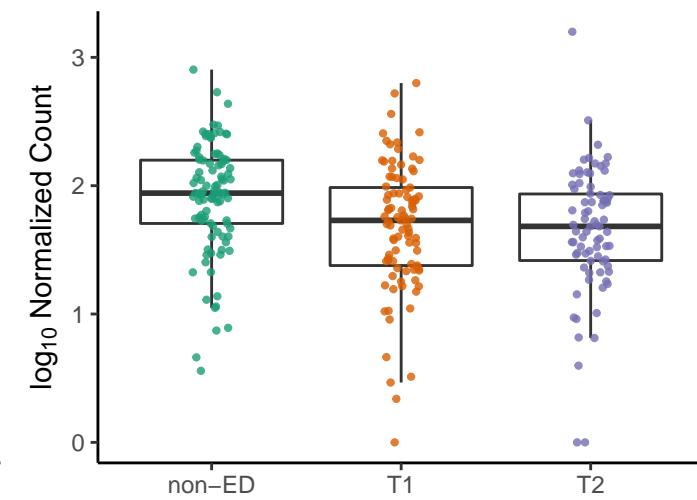
### *Chlorobium phaeobacteroides*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.74



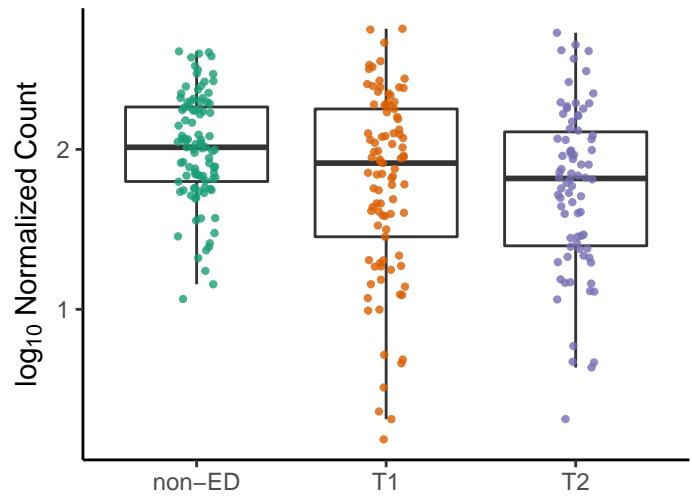
### *Frischella perrara*

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.94



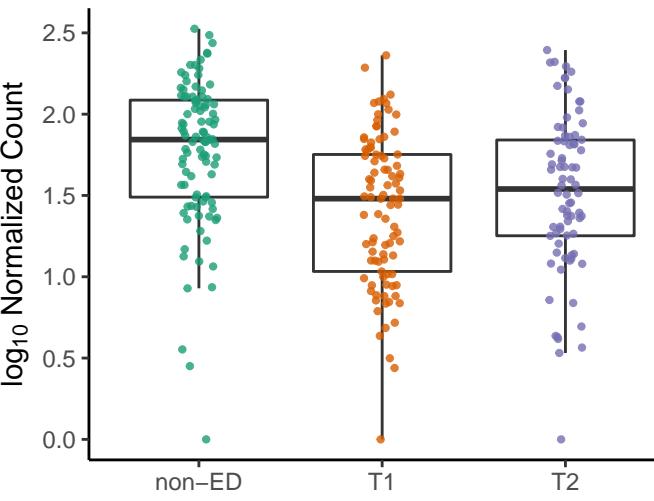
### *Halothiobacillus sp. LS2*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.98



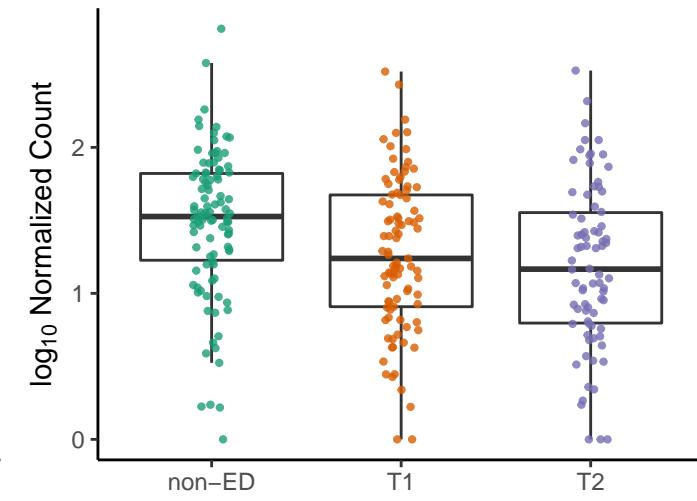
### *Corynebacterium casei*

non-ED vs. T1 adjusted p = 2e-05  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.67



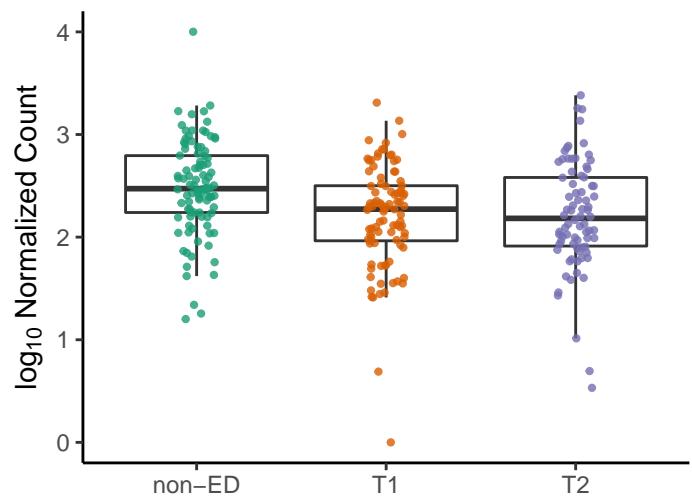
### *Spiroplasma helicoides*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.7



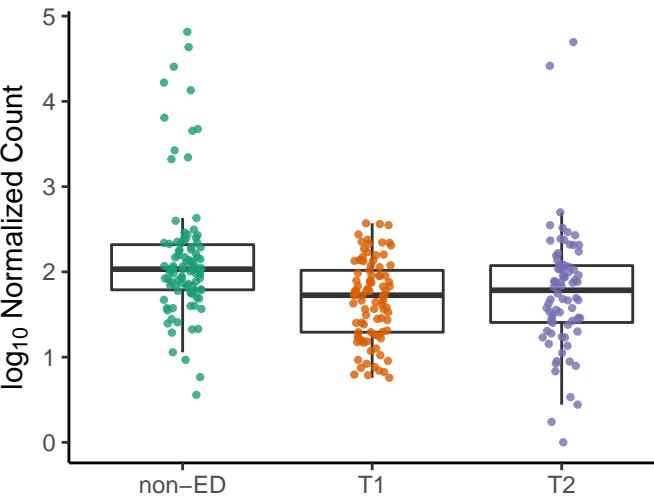
### *Streptococcus canis*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.95



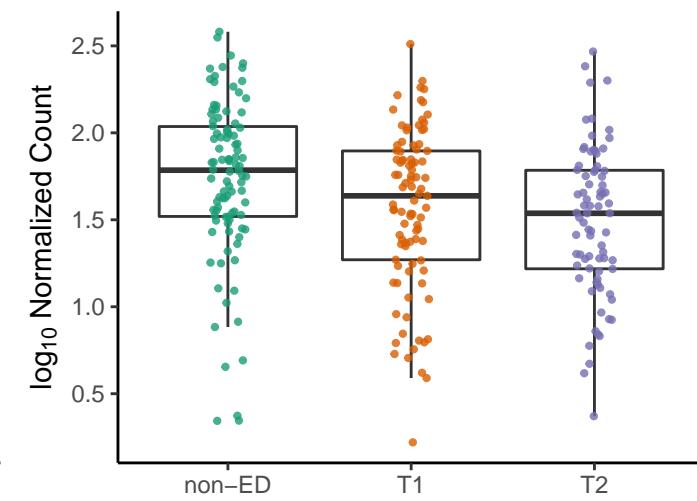
### *Dialister hominis*

non-ED vs. T1 adjusted p = 3.9e-05  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.7



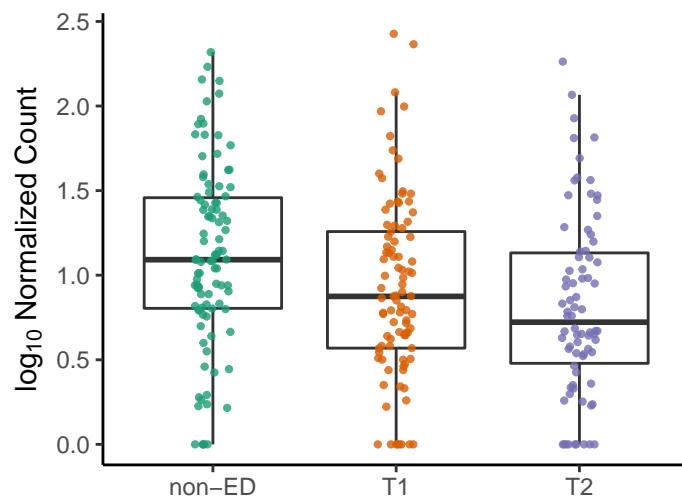
### *Komagataeibacter medellinensis*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.7



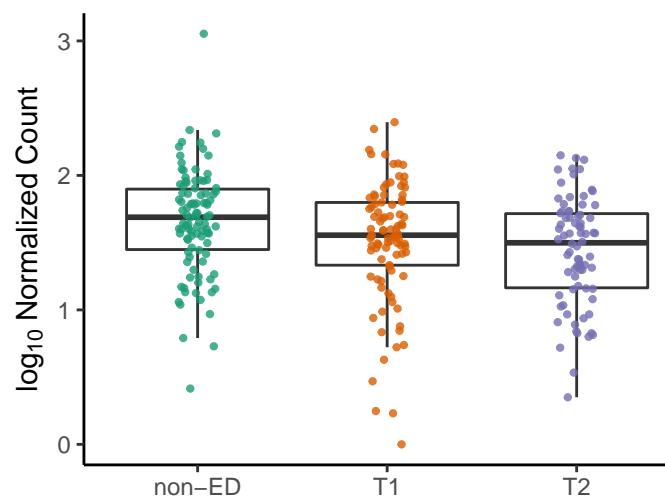
### *Pelagibacter* sp. NP1

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.68



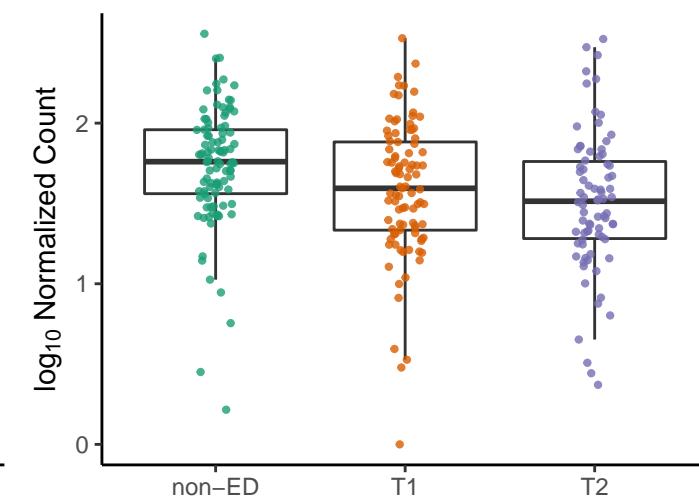
### *Pseudomonas moraviensis*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.76



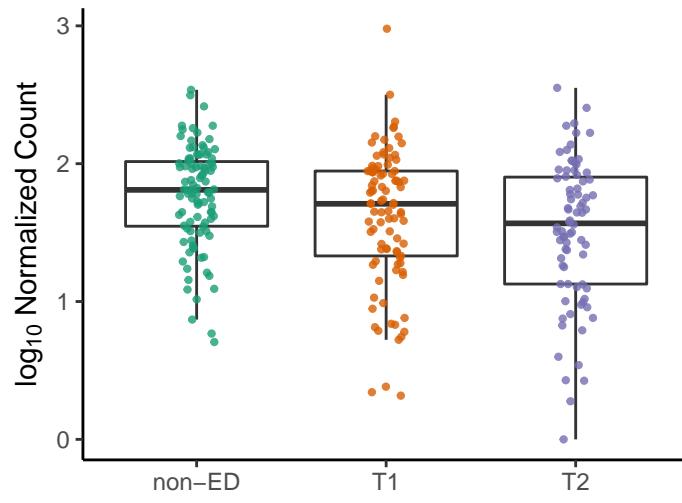
### *Weissella jogaejeotgali*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.7



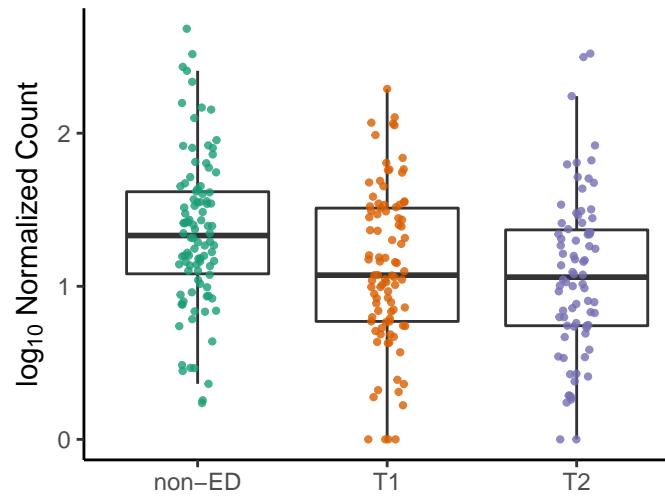
### *Burkholderia* sp. OLGA172

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.0054  
 T1 vs. T2 adjusted p = 0.71



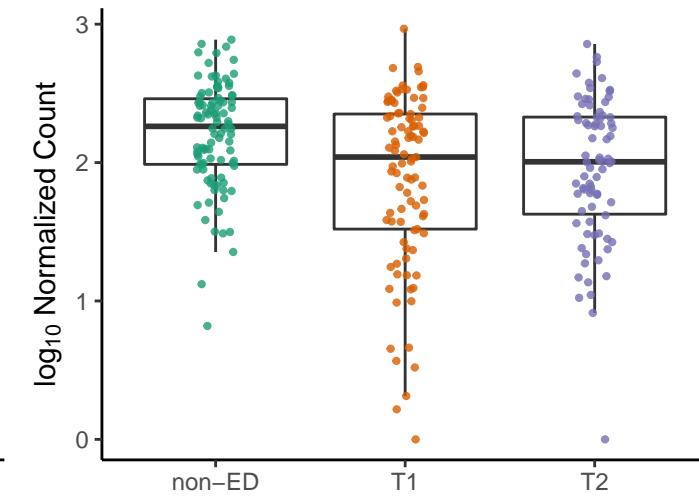
### *Nitrosopumilus adriaticus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.91



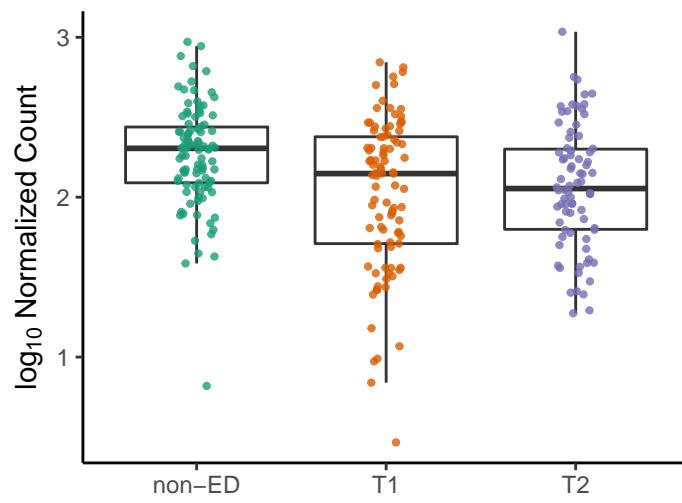
### *Kocuria rosea*

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.7



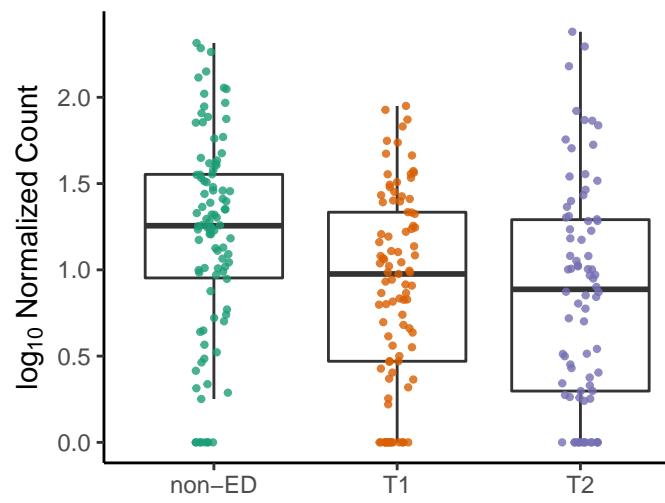
### *Acidipropionibacterium acidipropionici*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.67



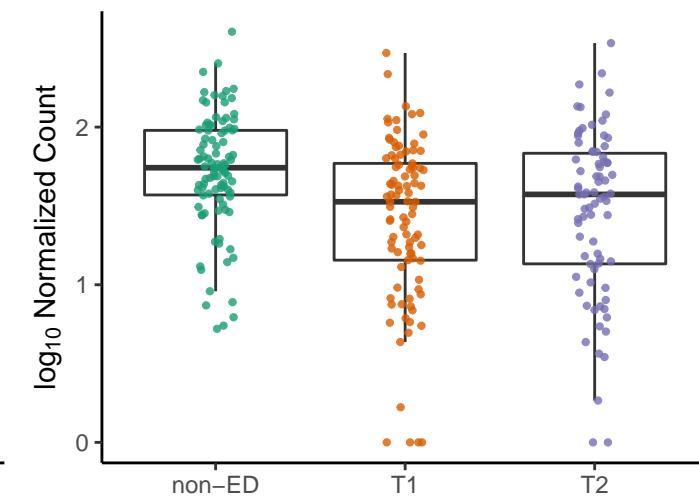
### Unclassified Polynucleobacter Genus

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.95



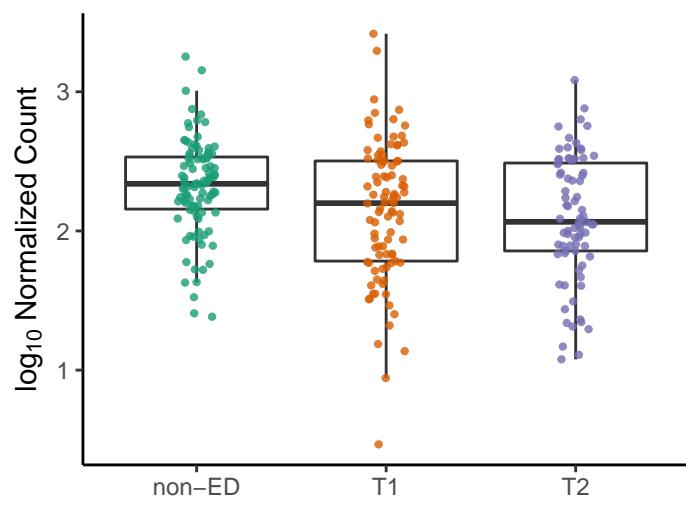
### *Leisingera* sp. NJS201

non-ED vs. T1 adjusted p = 0.00044  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.7



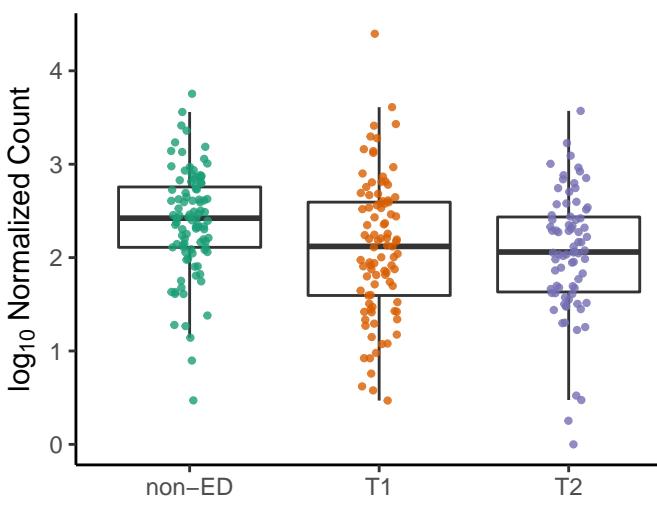
### Unclassified Kocuria Genus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.0055  
T1 vs. T2 adjusted p = 0.95



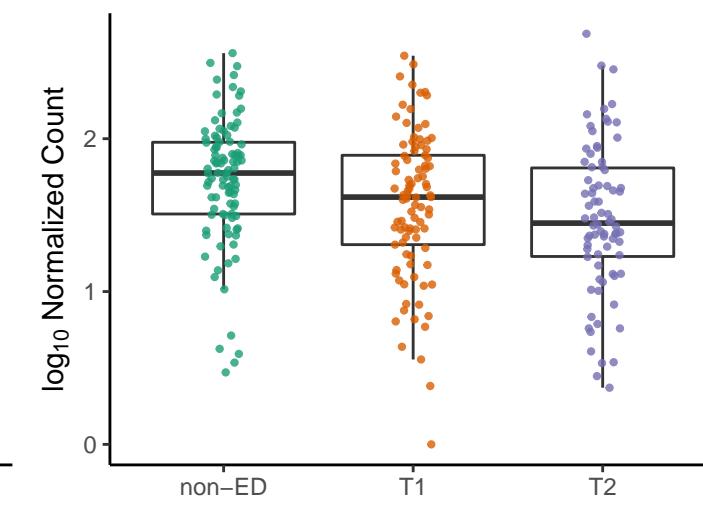
### Streptococcus sp. I-G2

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.84



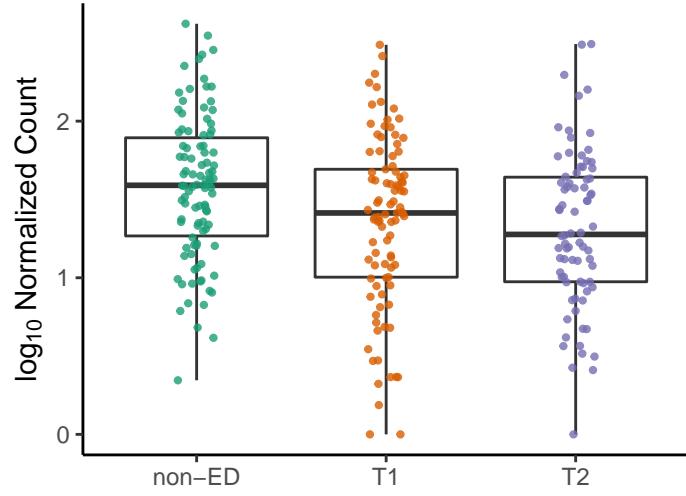
### Helicobacter bilis

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.7



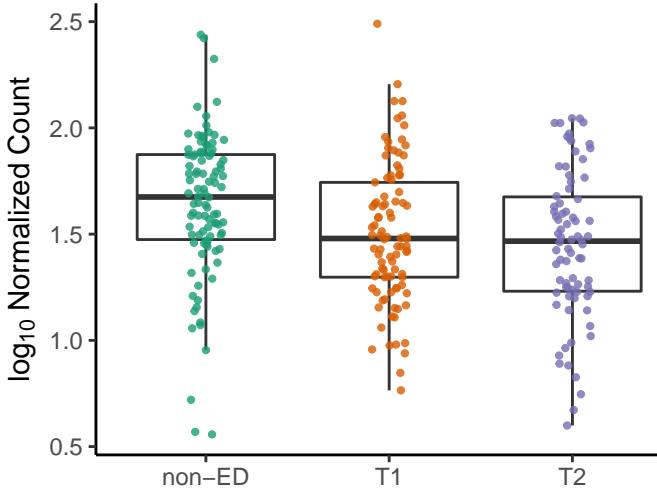
### Ochrobactrum pseudogrignonense

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.78



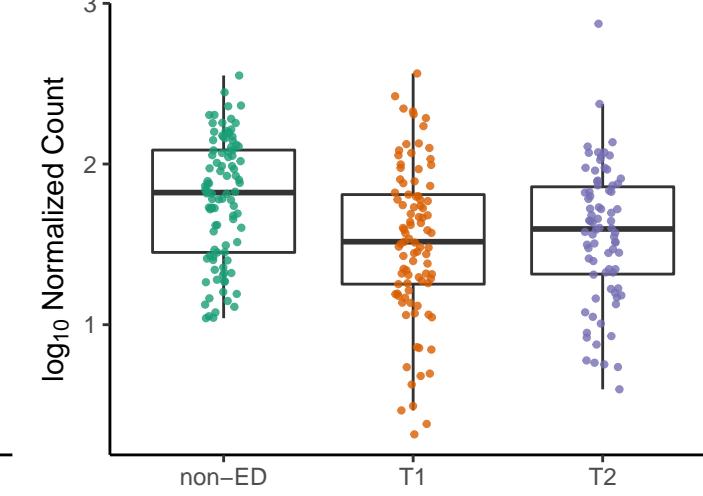
### Sulfurovum sp. NBC37-1

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.82



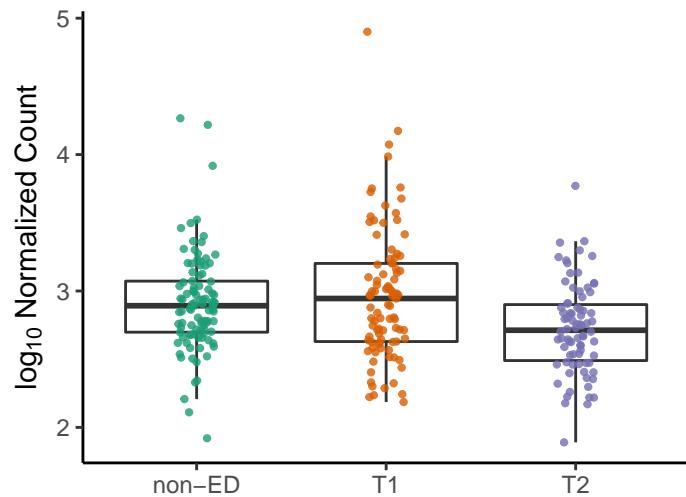
### Corynebacterium kroppenstedtii

non-ED vs. T1 adjusted p = 0.0012  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.74



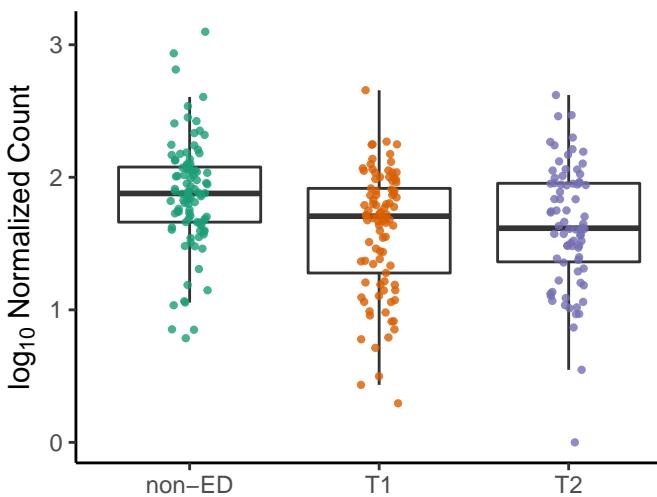
### Salmonella enterica

non-ED vs. T1 adjusted p = 0.52  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.052



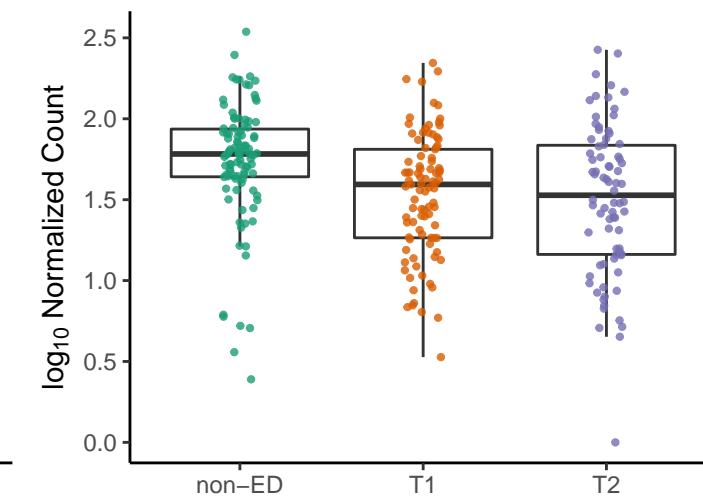
### Pseudomonas sp. R5-89-07

non-ED vs. T1 adjusted p = 0.0012  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.77



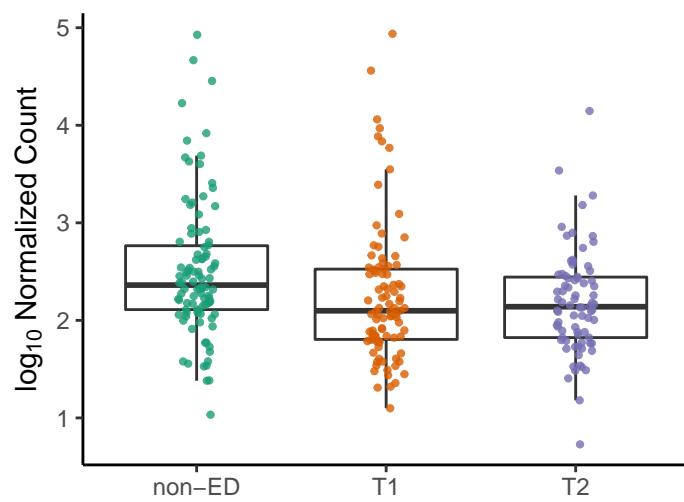
### Lacinutrix venerupis

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.0057  
T1 vs. T2 adjusted p = 0.78



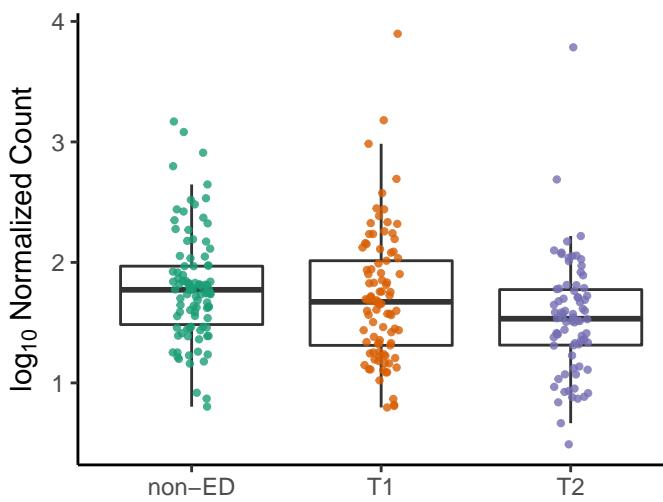
### *Lactobacillus paracasei*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.79



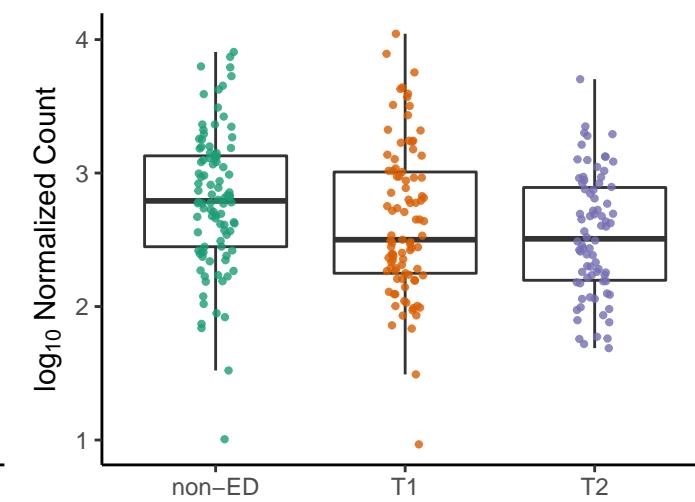
### *Enterobacter ludwigii*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.61



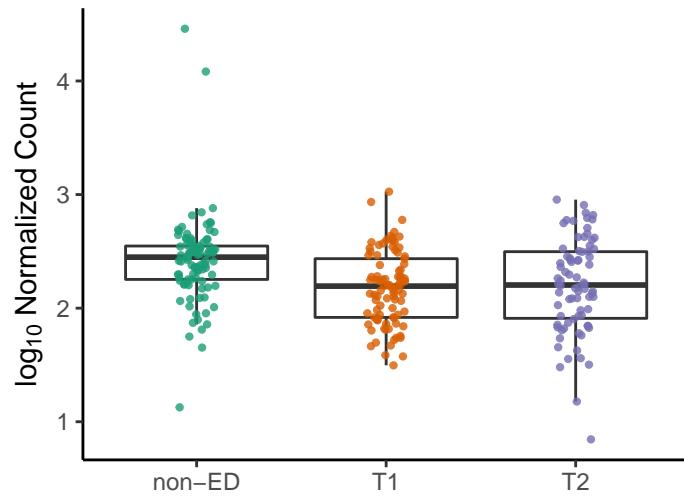
### *Romboutsia* sp. CE17

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.67



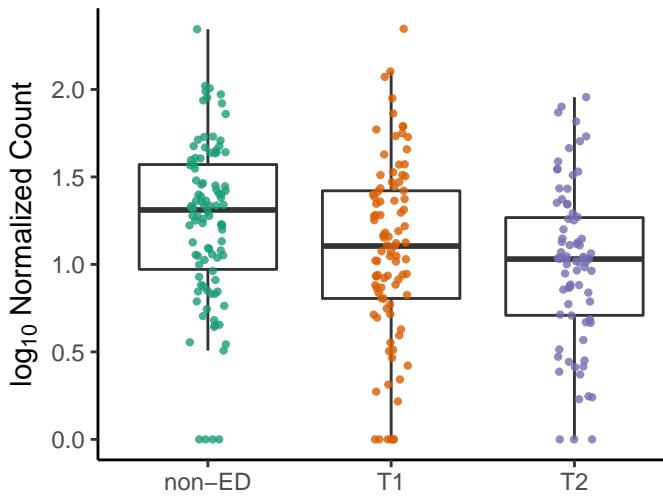
### *Succinivibrio dextrinosolvens*

non-ED vs. T1 adjusted p = 0.00037  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.93



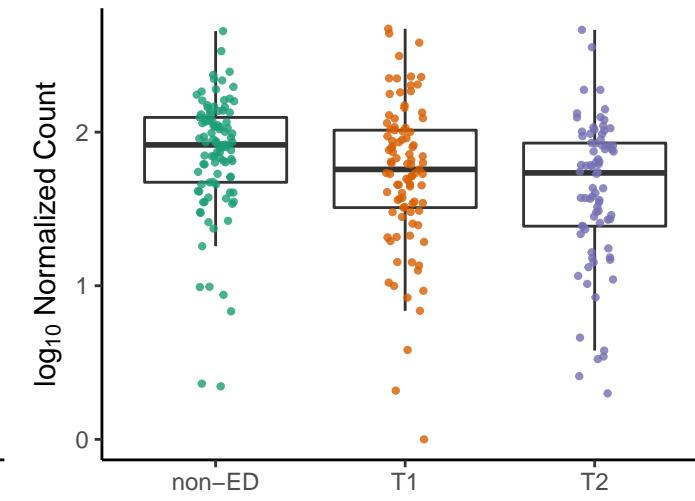
### *Mesoplasma tabanidae*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.74



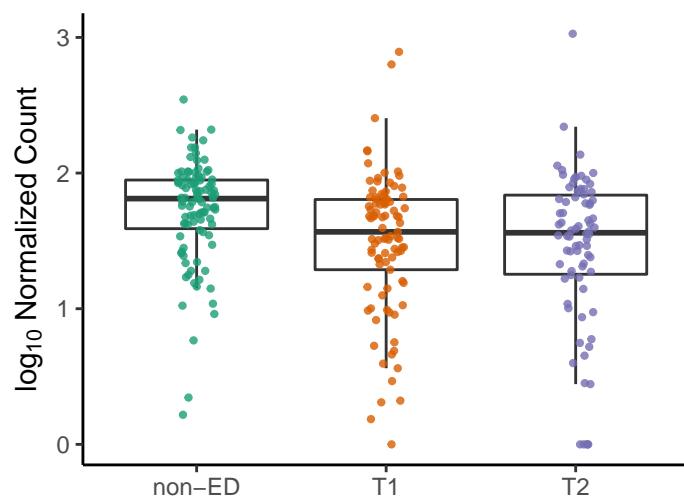
### *Kordia* sp. SMS9

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.67



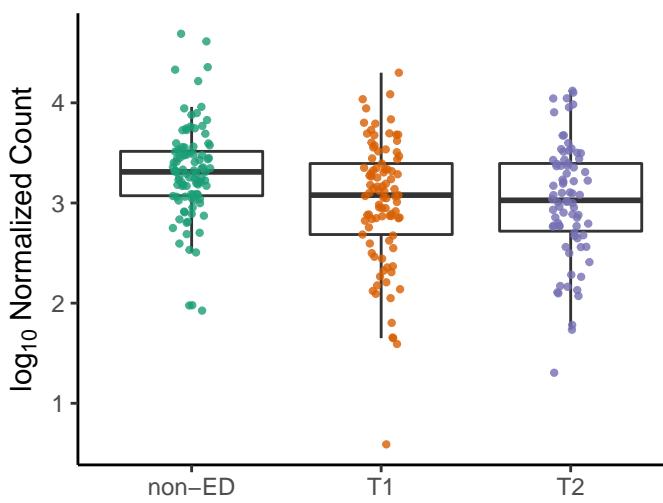
### *Pasteurellaceae bacterium Orientalotterri*

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.79



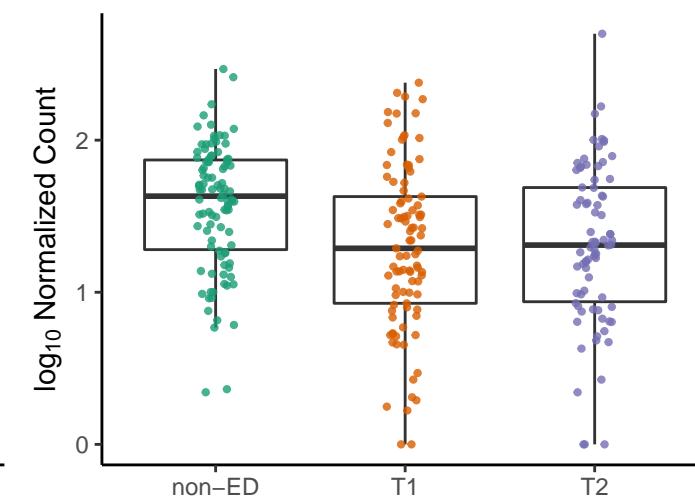
### *Libanicoccus massiliensis*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.77



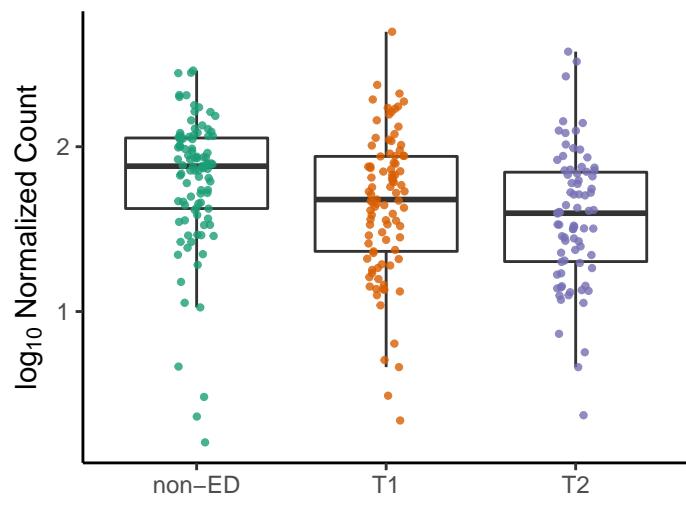
### *Methanococcoides burtonii*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.98



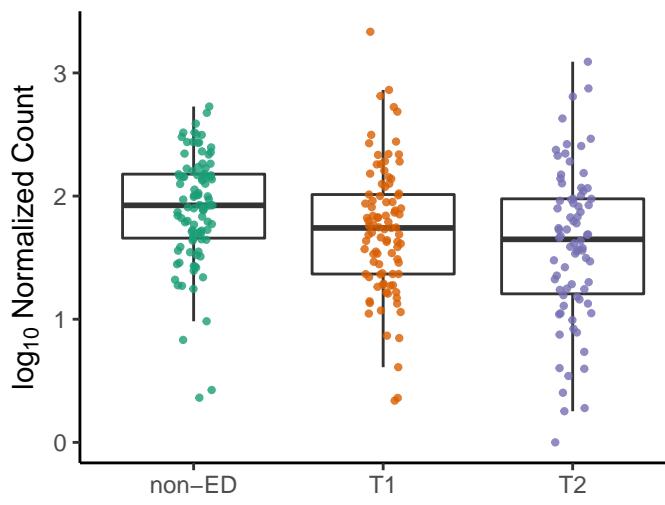
### Nonlabens dokdonensis

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.63



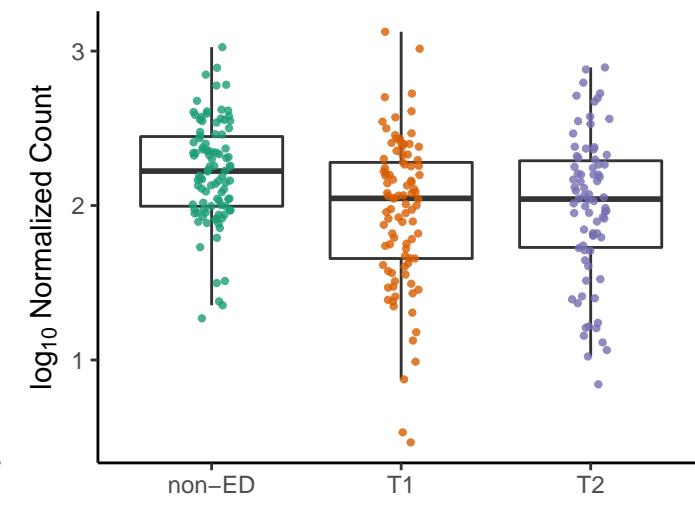
### Streptococcus pseudopneumoniae

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.63



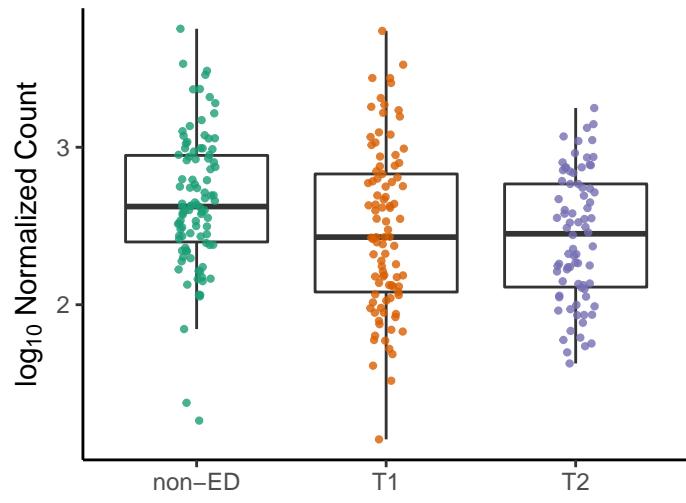
### Thauera sp. K11

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.77



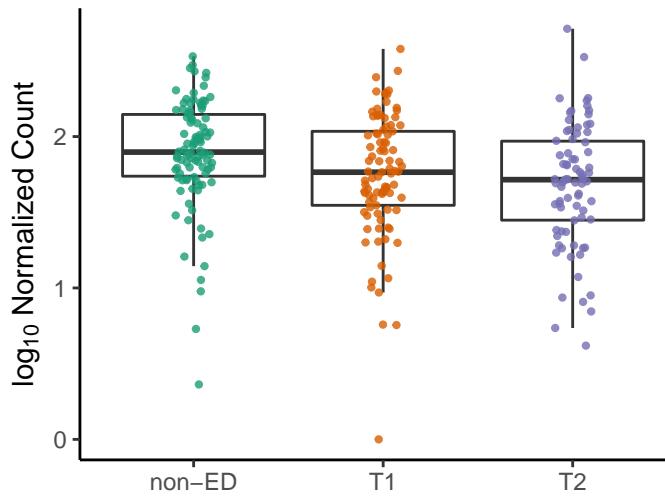
### Unclassified Peptostreptococcaceae Fan

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.77



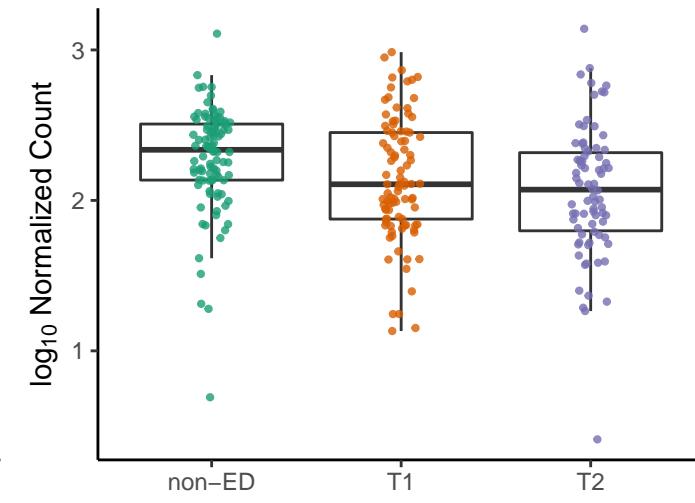
### Arachidicoccus sp. KIS59-12

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.006  
T1 vs. T2 adjusted p = 0.7



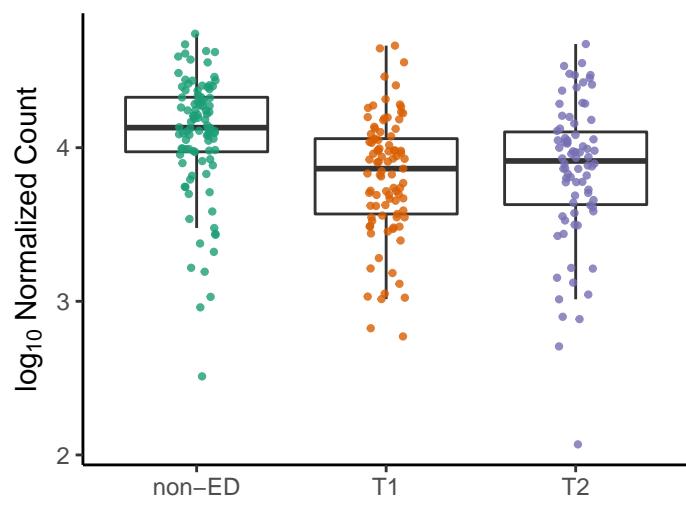
### Unclassified Gemella Genus

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.006  
T1 vs. T2 adjusted p = 0.68



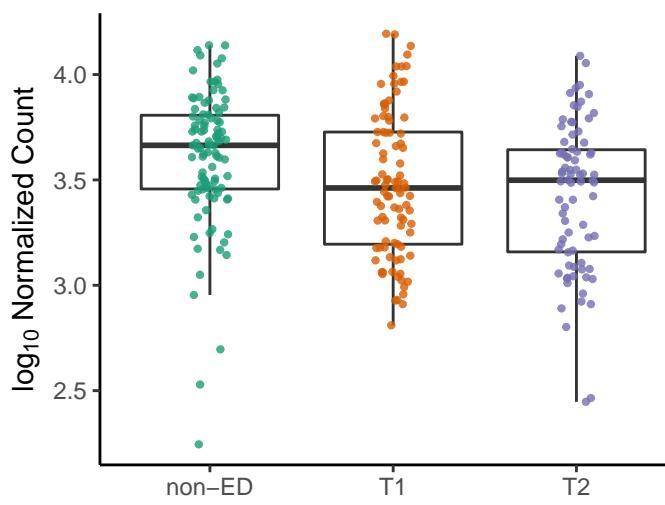
### Lachnospiraceae bacterium KM106-2

non-ED vs. T1 adjusted p = 0.00032  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 1



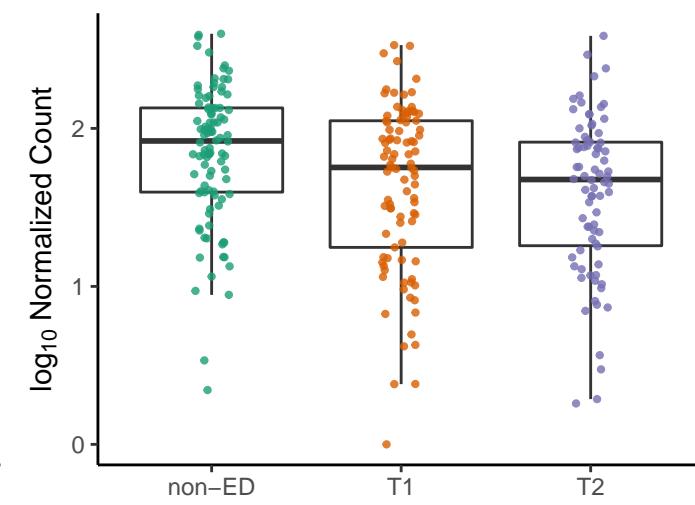
### Unclassified Clostridium Genus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 0.73



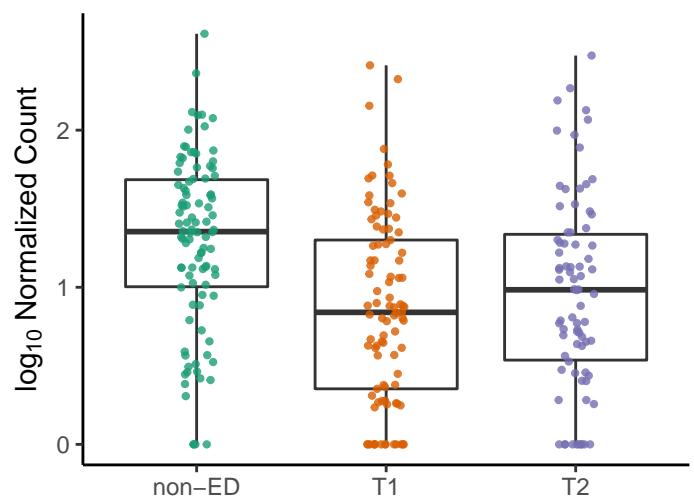
### Novosphingobium sp. Gsoil 351

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 0.99



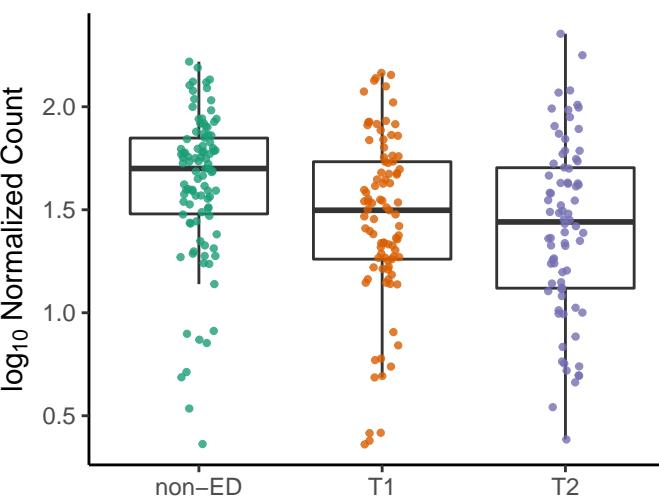
### Pseudomonas sp. FDAARGOS\_380

non-ED vs. T1 adjusted p = 0.00011  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.7



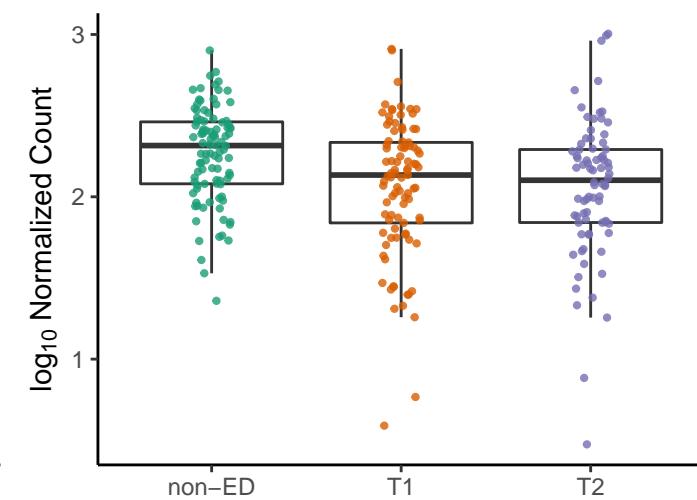
### Kangiella profundi

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.79



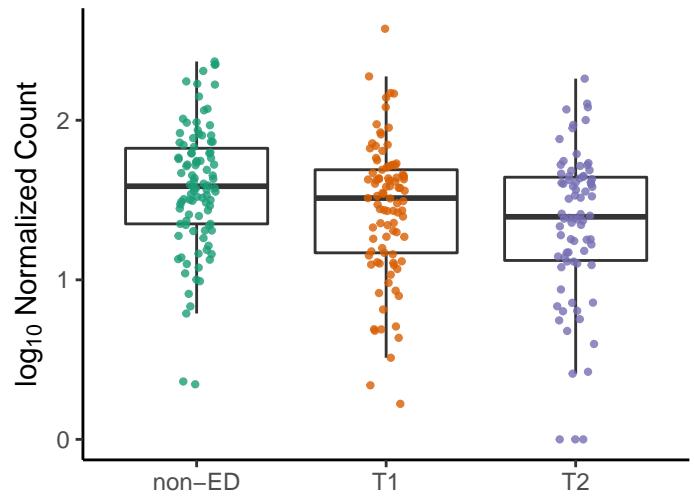
### Rhizobium etli

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.84



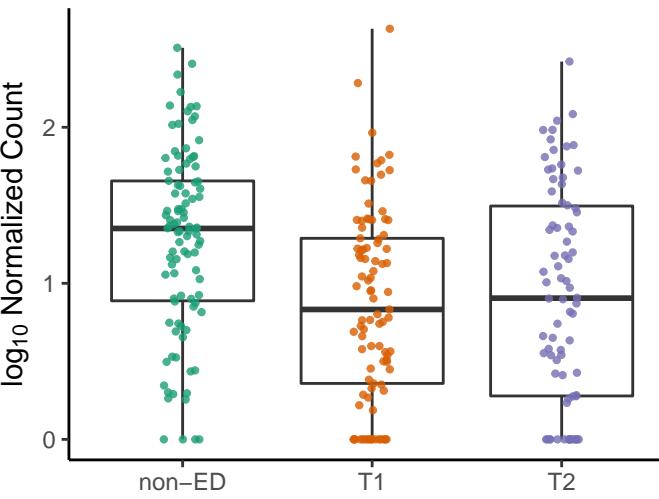
### Francisella uliginis

non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.66



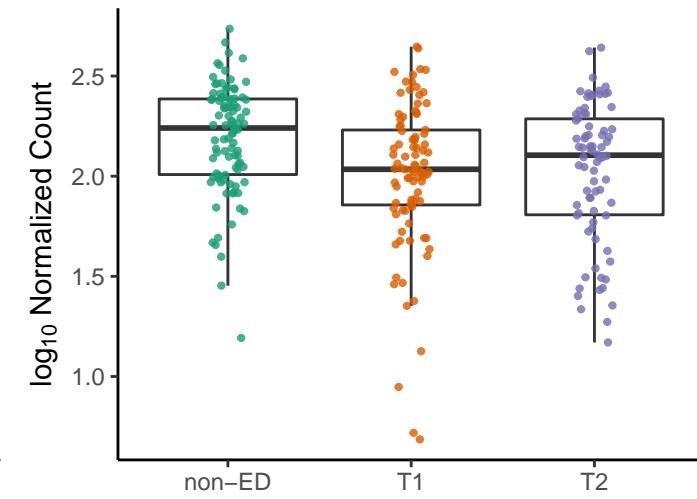
### Microbacterium paludicola

non-ED vs. T1 adjusted p = 0.00035  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.77



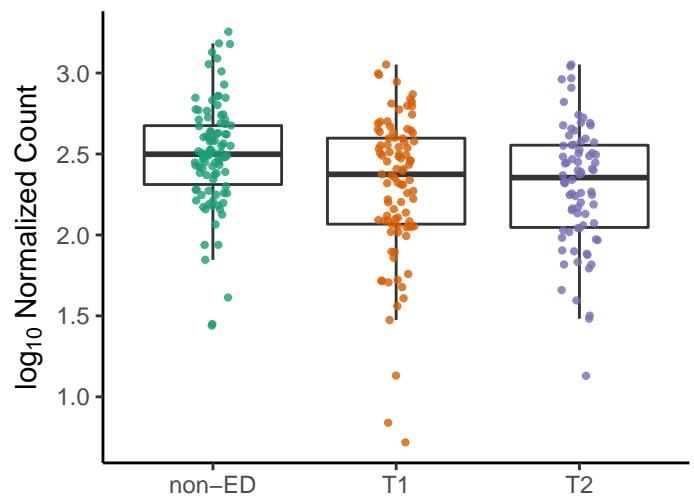
### Pyricularia grisea

non-ED vs. T1 adjusted p = 0.0027  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.89



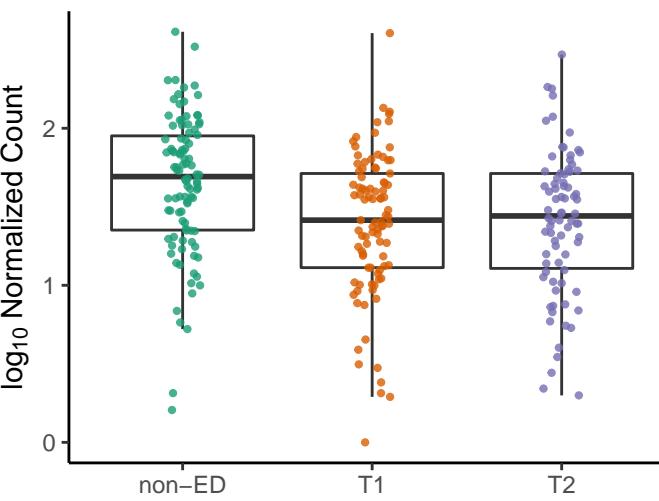
### Unclassified Agrobacterium Genus

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.77



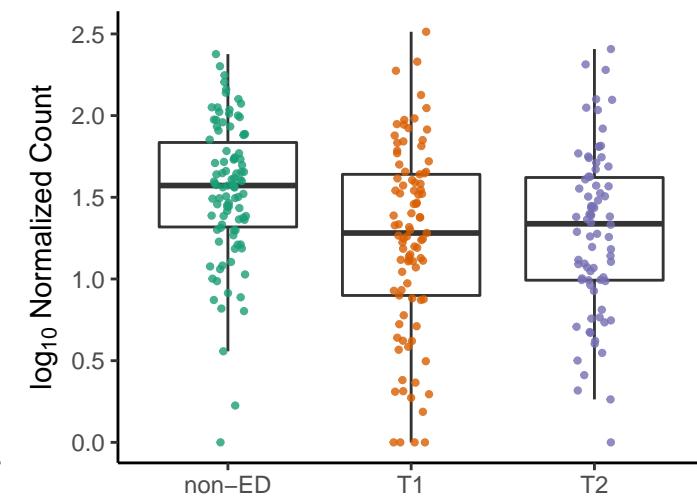
### Unclassified Methylovorus Genus

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.8



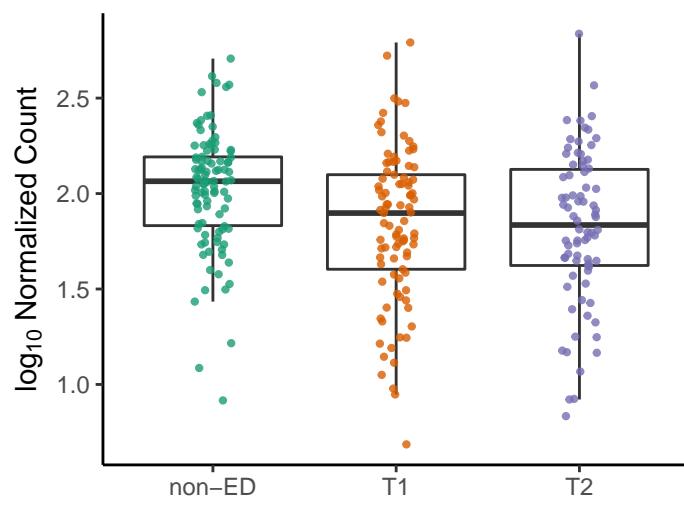
### Unclassified Tumebacillus Genus

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.89



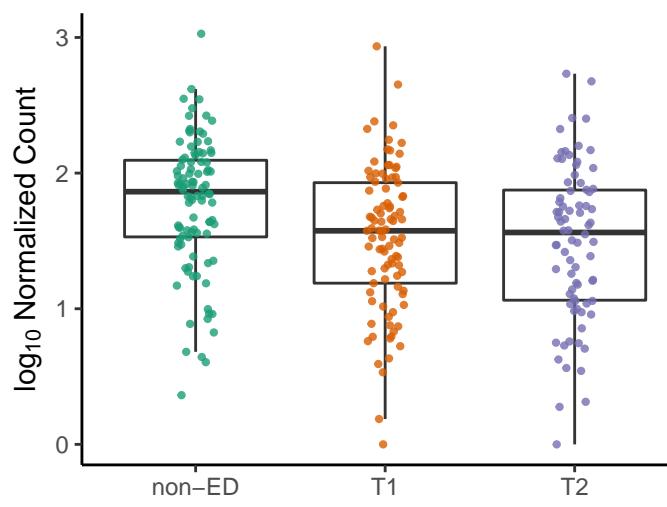
### *Chlorobium phaeovibrioides*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.91



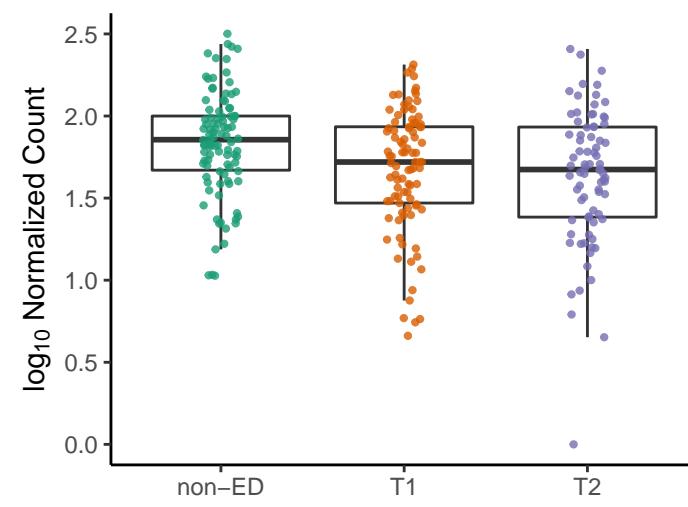
### *Pseudomonas palleroniana*

non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.98



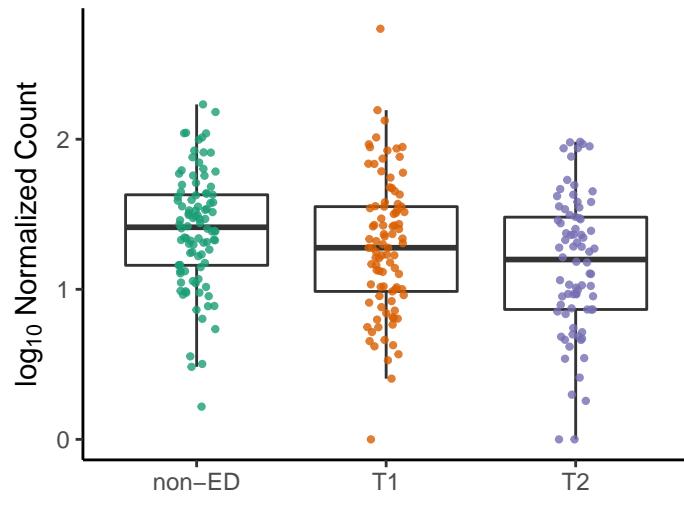
### *Tenacibaculum dicentrarchi*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.78



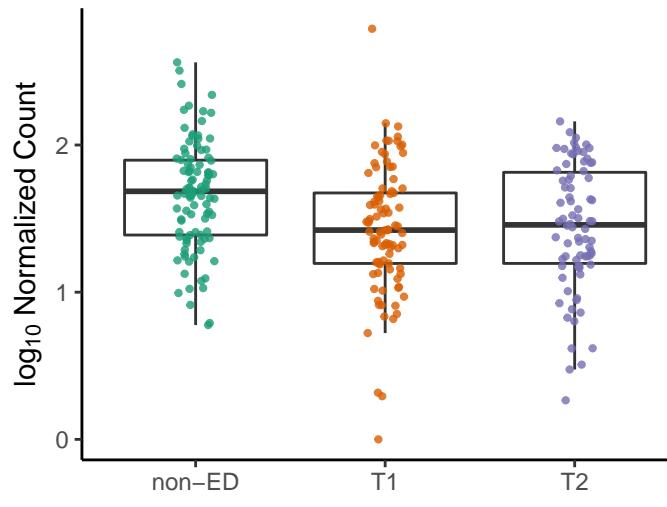
### *Clostridium sp. MF28*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.47



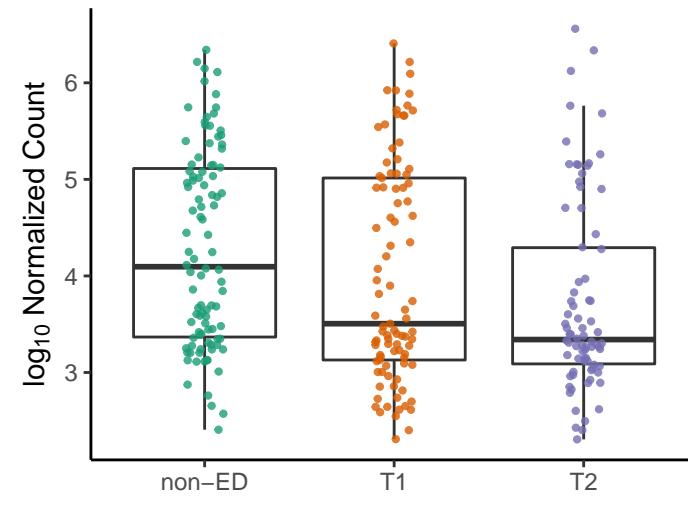
### *Pseudomonas xanthomarina*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.9



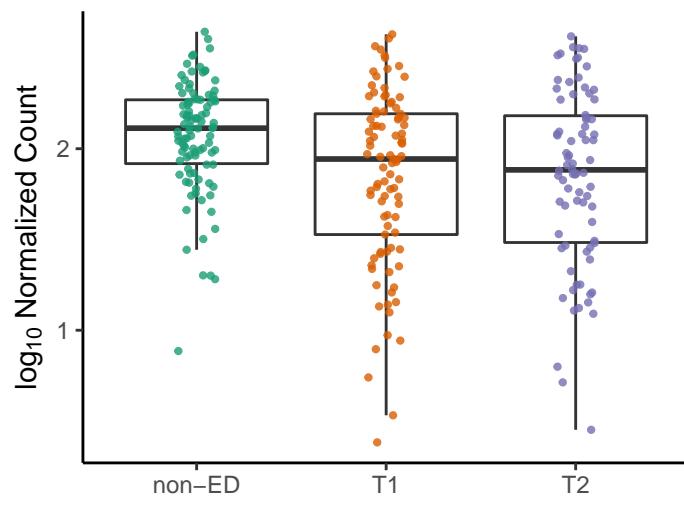
### *Akkermansia muciniphila*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.63



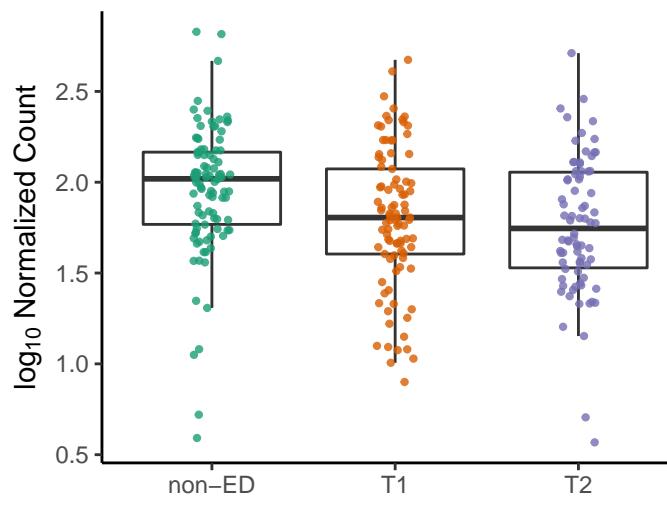
### *Rhodoferax antarcticus*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.8



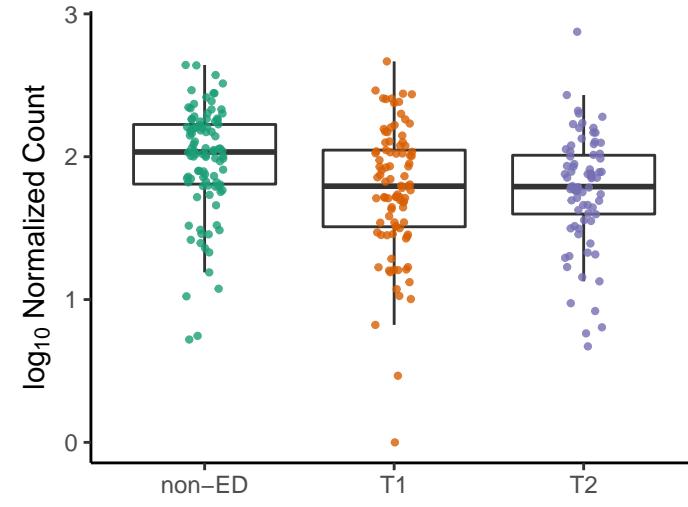
### *Hydrogenovibrio crunogenus*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.8



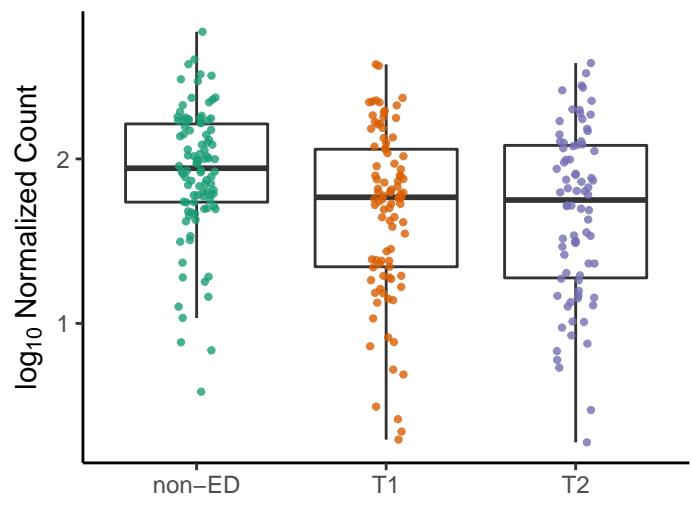
### *Acetobacter pasteurianus*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.84



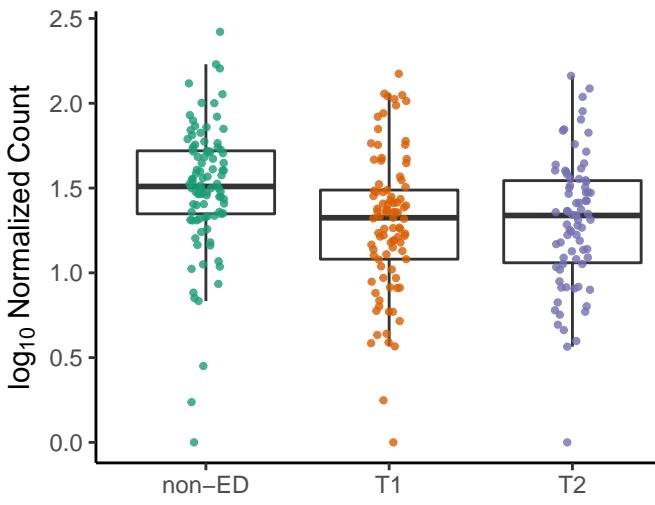
### *Microbacterium* sp. RG1

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.91



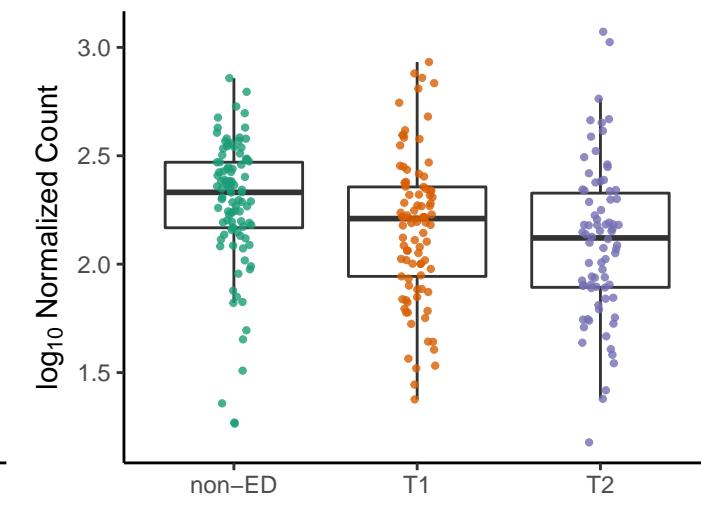
### *Proteus hauseri*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.88



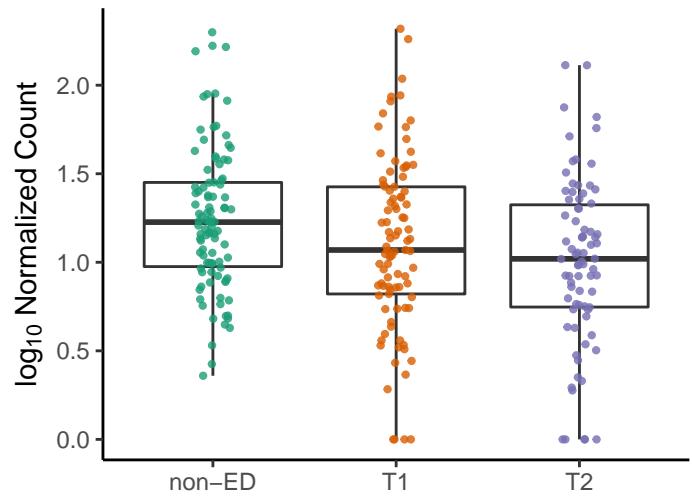
### *Bacillus* sp. FJAT-18017

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.73



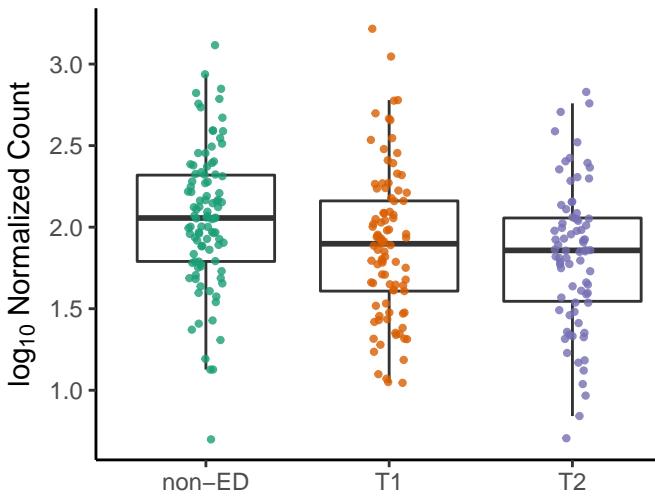
### *Candidatus Saccharibacteria bacterium*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.73



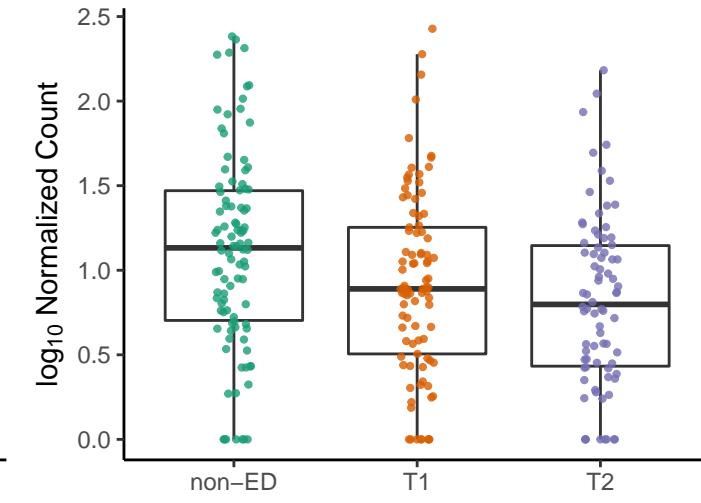
### *Enterobacter asburiae*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.8



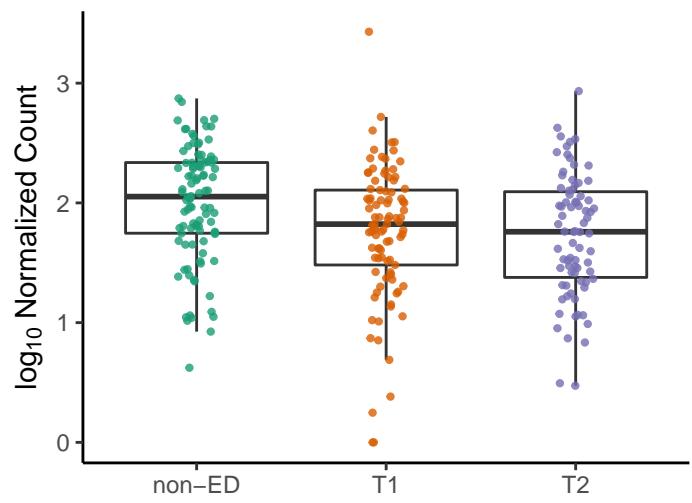
### *Spiroplasma sabaudiense*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.66



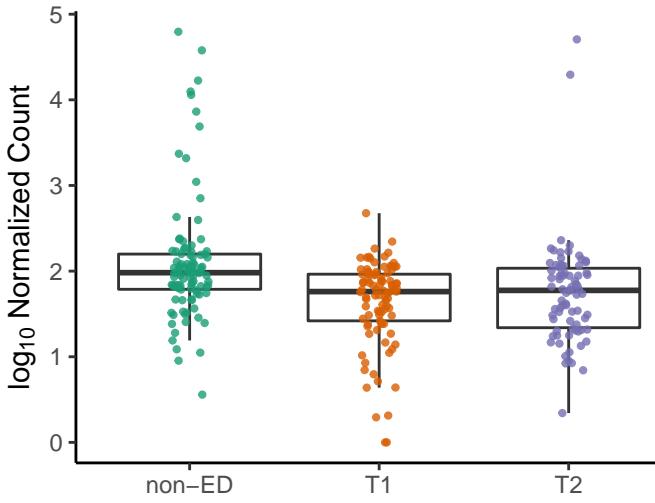
### *Acidibrevibacterium fodinaquatile*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.94



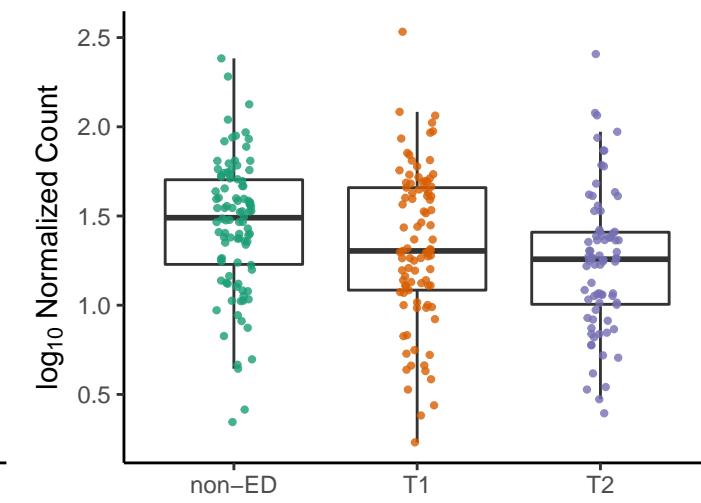
### *Dialister massiliensis*

non-ED vs. T1 adjusted p = 7.2e-05  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.68



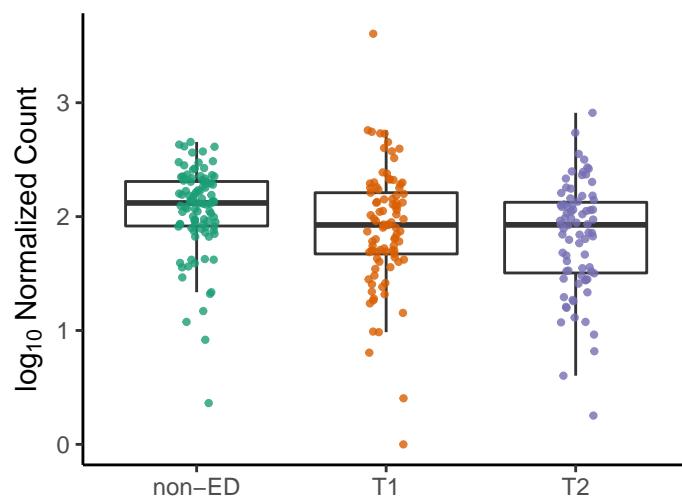
### *Saccharophagus degradans*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.67



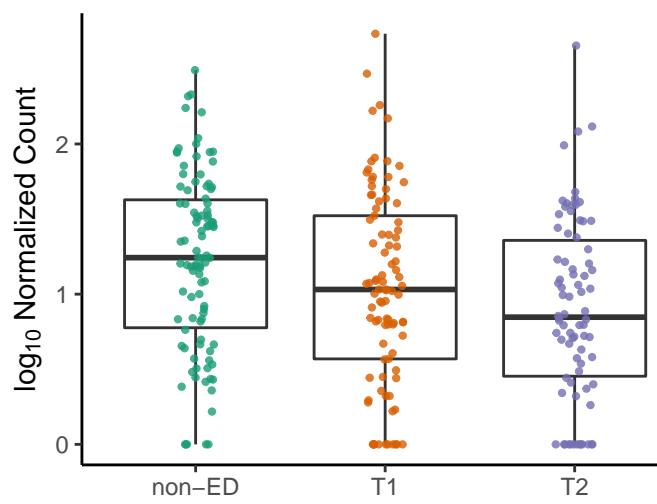
### *Arcobacter butzleri*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.7



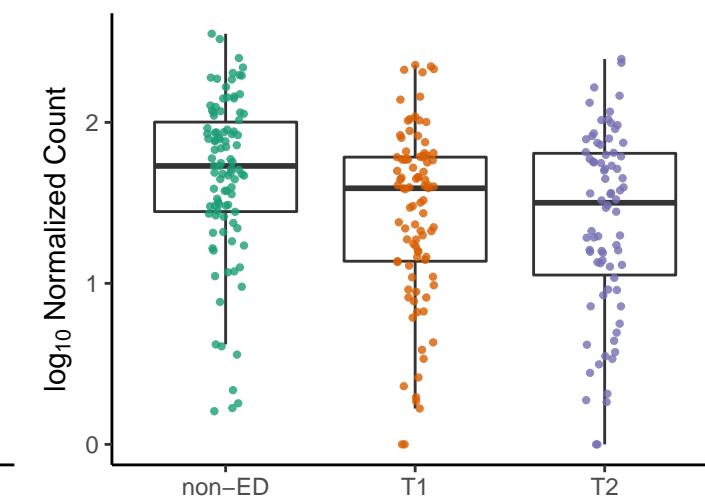
### *Leuconostoc kimchii*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.69



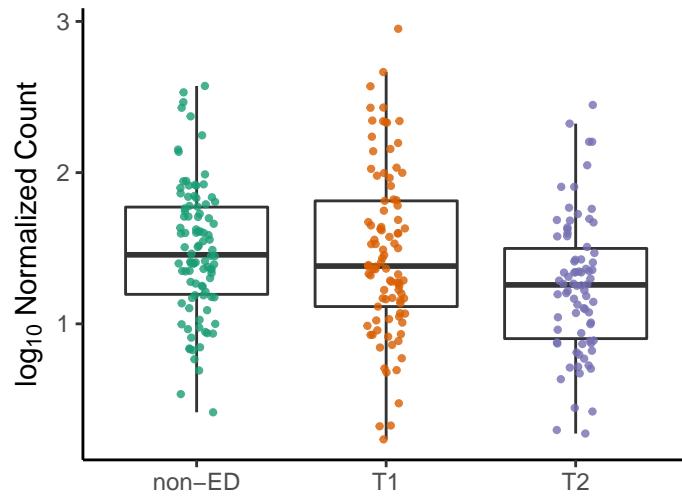
### Unclassified Rhodanobacteraceae Family

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.89



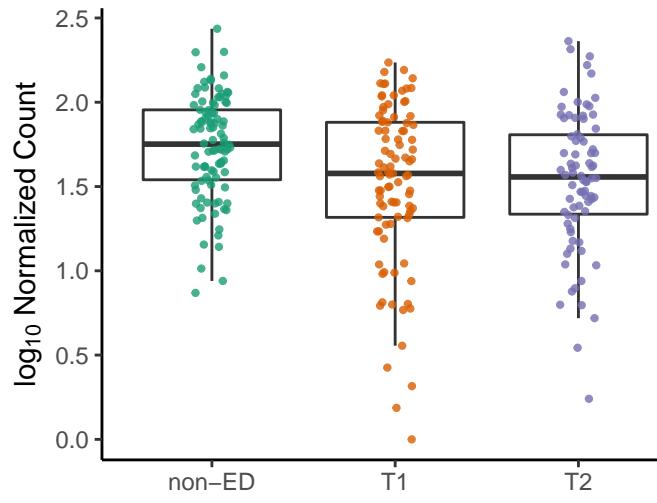
### *Kosakonia* sp. CCTCC M2018092

non-ED vs. T1 adjusted p = 0.84  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.24



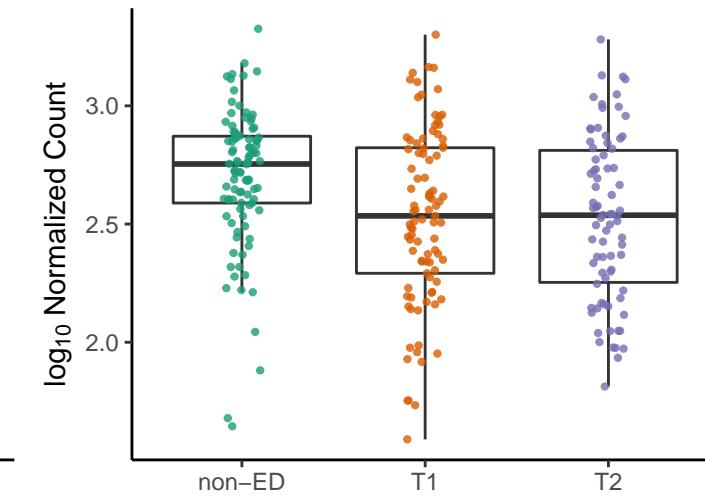
### *Acetobacter ascendens*

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.88



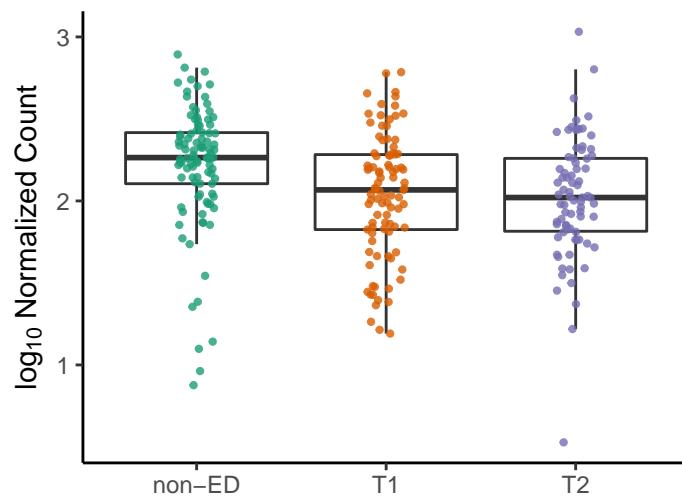
### *Clostridium saccharobutylicum*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.92



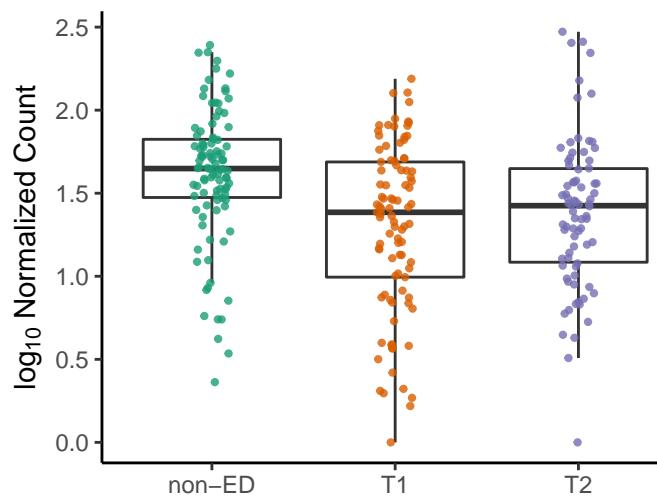
### *Staphylococcus simulans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.96



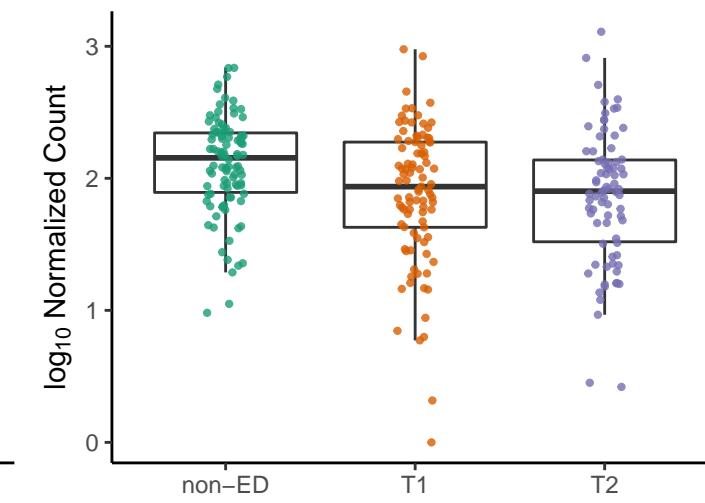
### Unclassified Oceanobacillus Genus

non-ED vs. T1 adjusted p = 3e-04  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.72



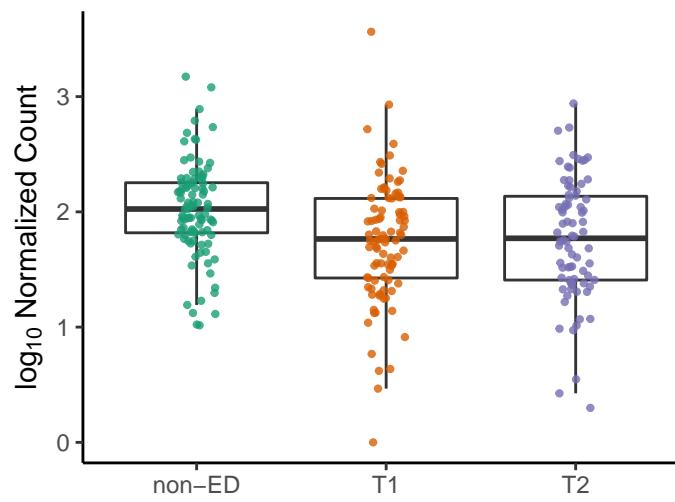
### *Variovorax* sp. RA8

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.98



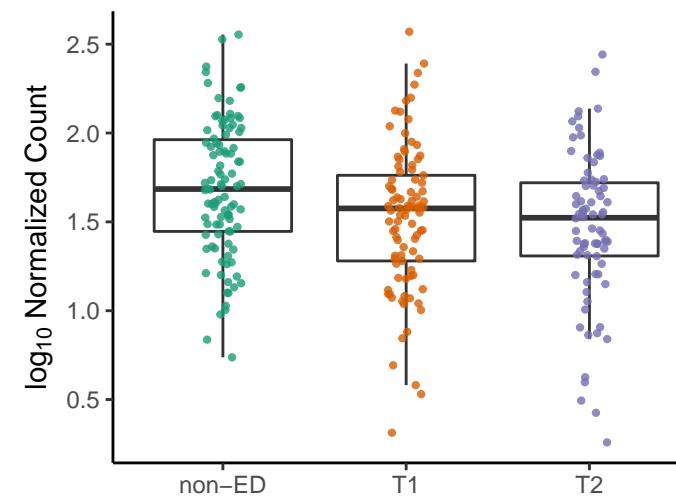
### *Gordonia terrae*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.73



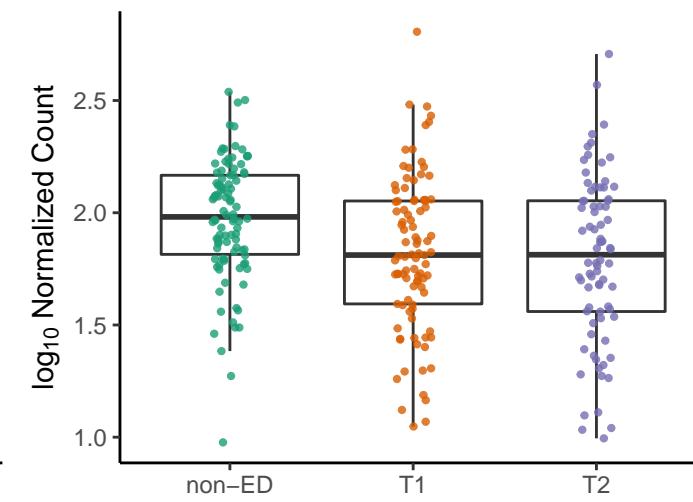
### *Phaeobacter piscinae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.0068  
 T1 vs. T2 adjusted p = 0.77



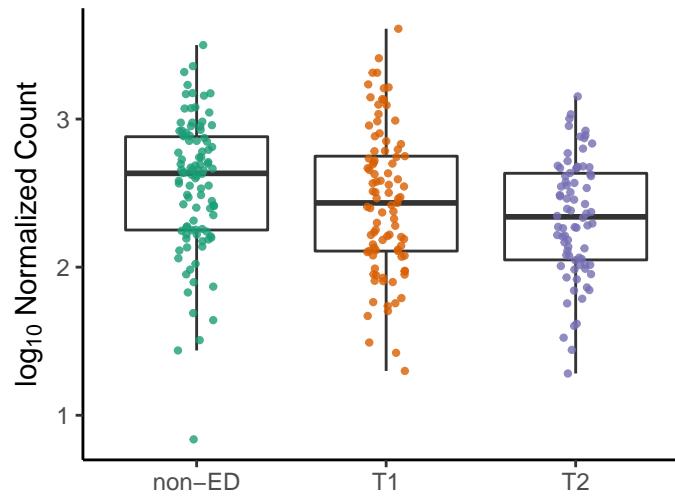
### *Exiguobacterium mexicanum*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.0068  
 T1 vs. T2 adjusted p = 1



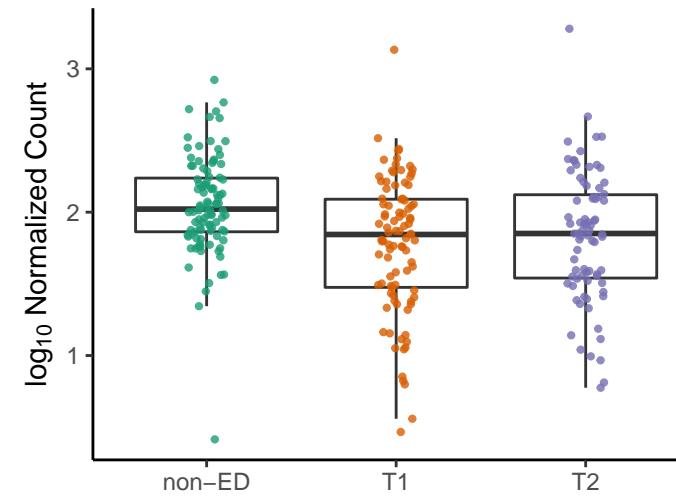
### *Paenibacillus sordellii*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.0068  
 T1 vs. T2 adjusted p = 0.62



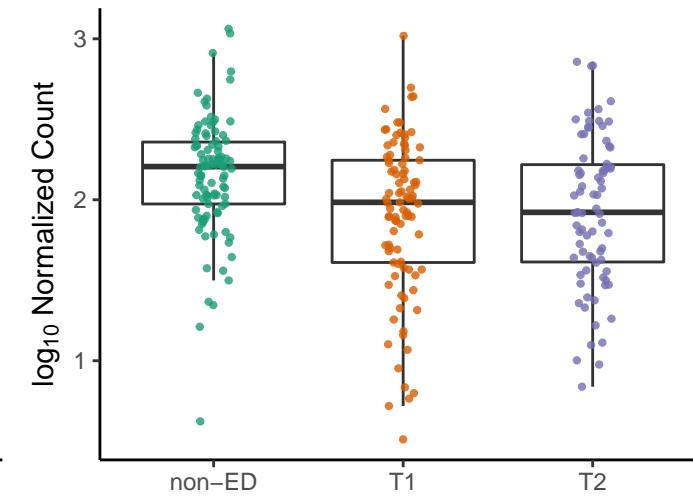
### *Sinorhizobium americanum*

non-ED vs. T1 adjusted p = 0.00043  
 non-ED vs. T2 adjusted p = 0.0068  
 T1 vs. T2 adjusted p = 0.57



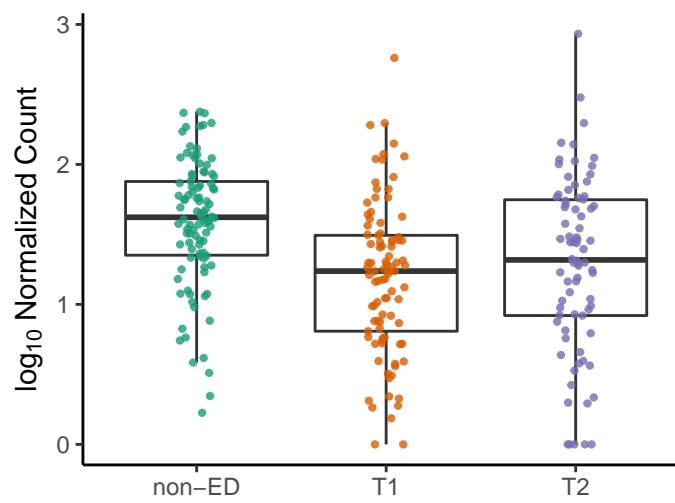
### *Methylobacterium sp. 17Sr1-43*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0069  
 T1 vs. T2 adjusted p = 0.74



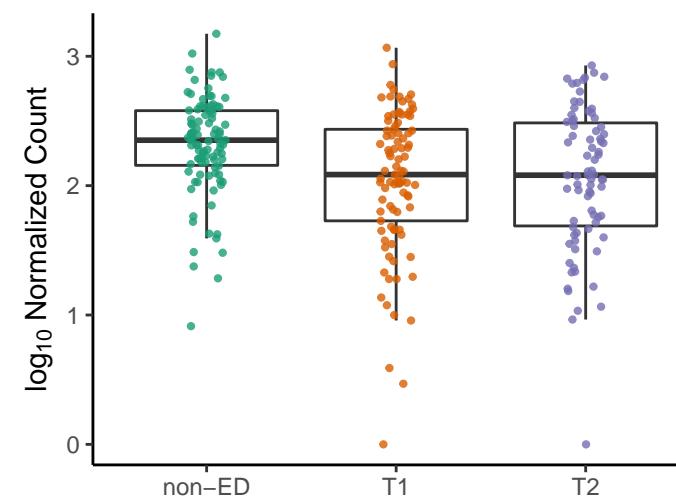
### Unclassified Veillonellaceae Family

non-ED vs. T1 adjusted p = 3.2e-05  
 non-ED vs. T2 adjusted p = 0.0069  
 T1 vs. T2 adjusted p = 0.69



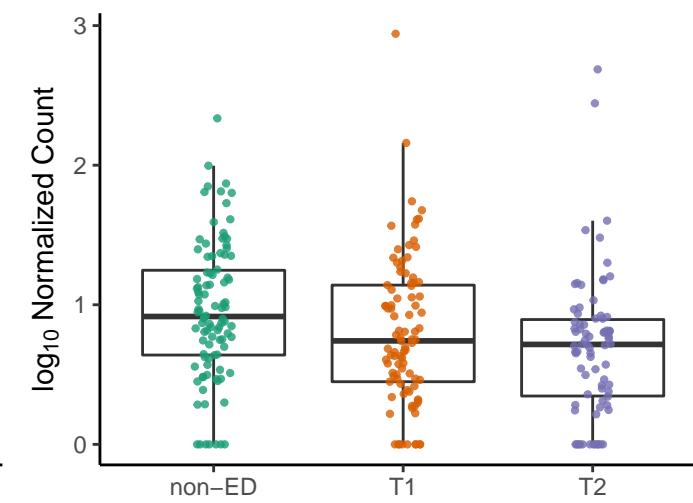
### *Deinococcus gobiensis*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0069  
 T1 vs. T2 adjusted p = 0.8



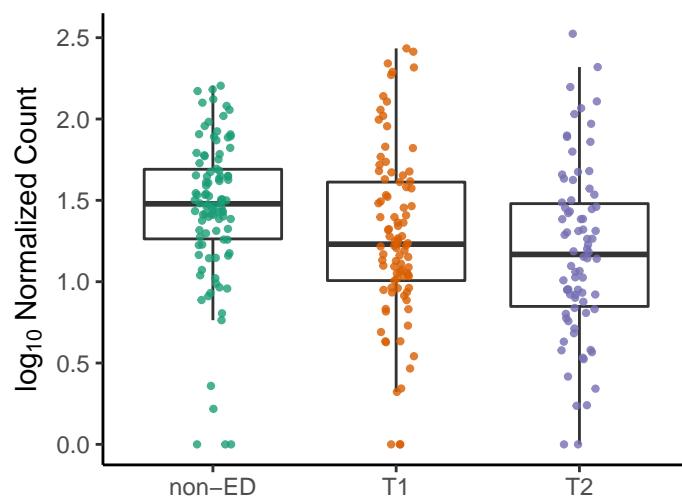
### Unclassified Selenomonadaceae Family

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.0069  
 T1 vs. T2 adjusted p = 0.63



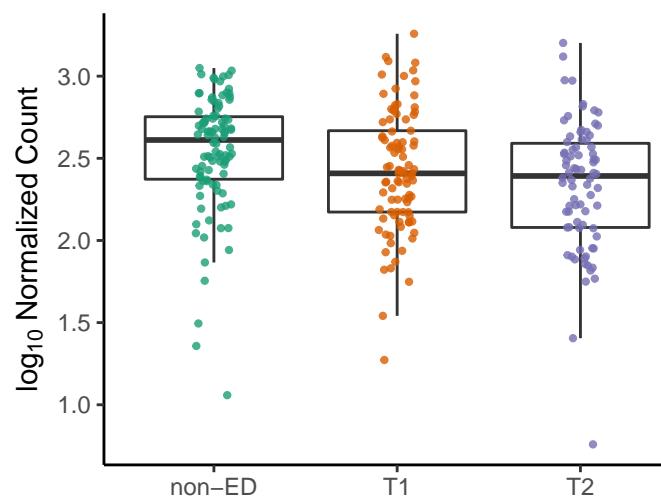
### Unclassified Borrelia Genus

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.0069  
T1 vs. T2 adjusted p = 0.67



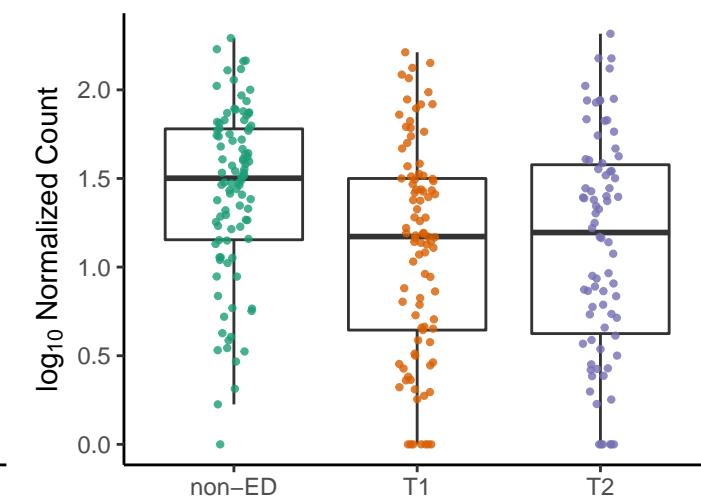
### Crassaminicella sp. SY095

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.007  
T1 vs. T2 adjusted p = 0.65



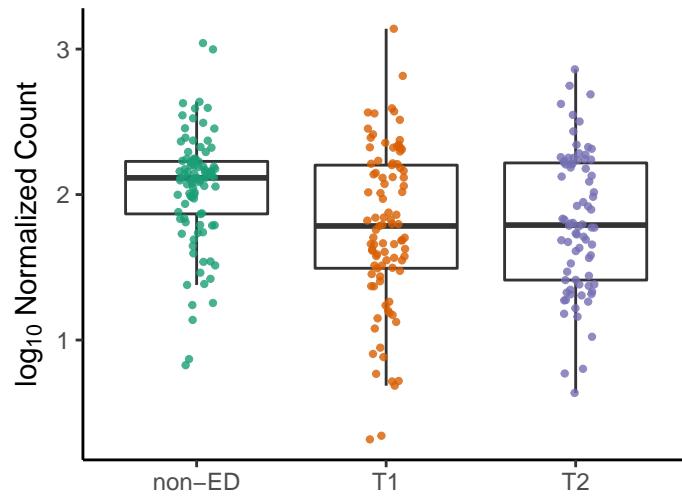
### Aeromonas sp. ASNIH4

non-ED vs. T1 adjusted p = 0.002  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.99



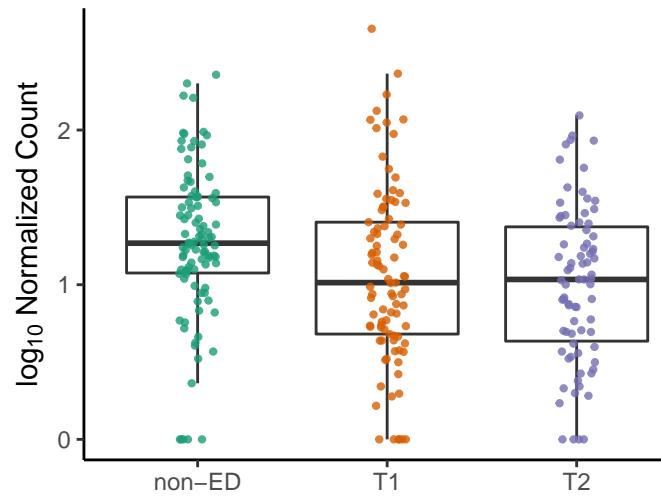
### Geobacillus stearothermophilus

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.7



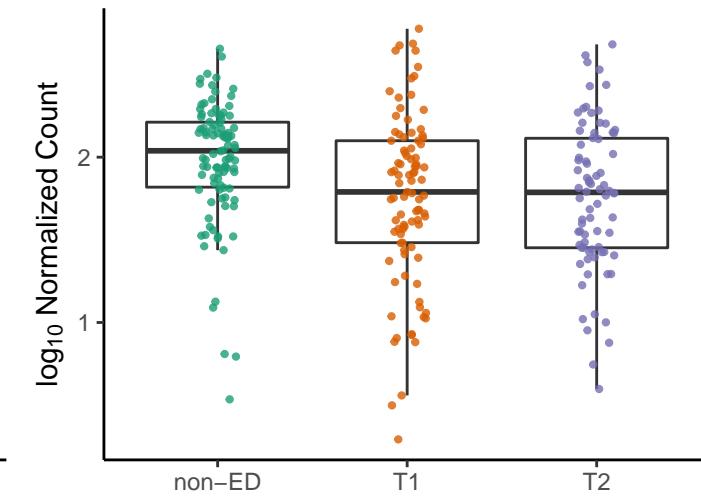
### Pseudoalteromonas arctica

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.78



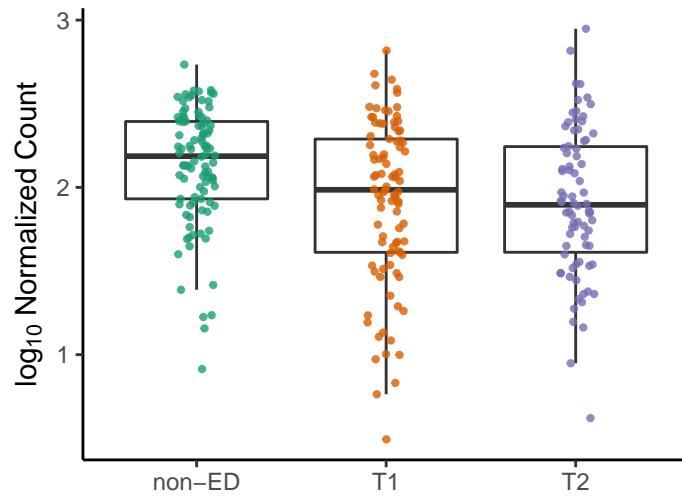
### Unclassified Hungateiclostridiaceae Fam

non-ED vs. T1 adjusted p = 0.0087  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.83



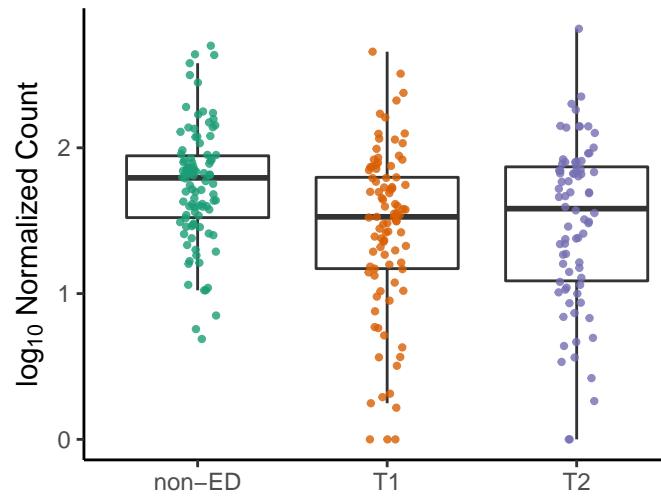
### Streptomyces albulus

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.86



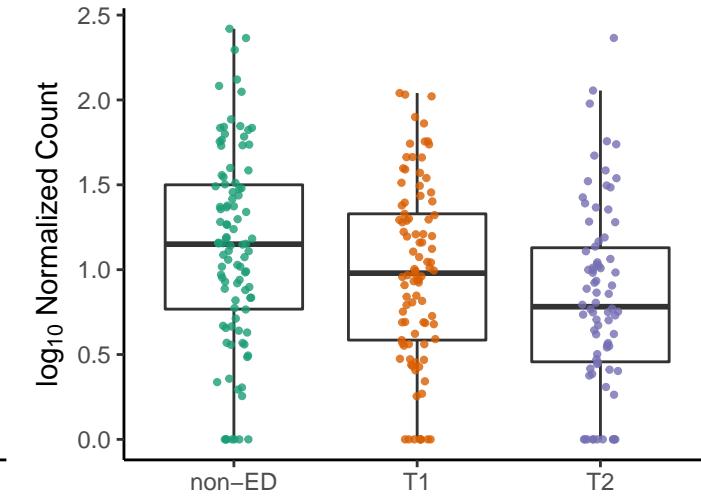
### Burkholderia diffusa

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.83



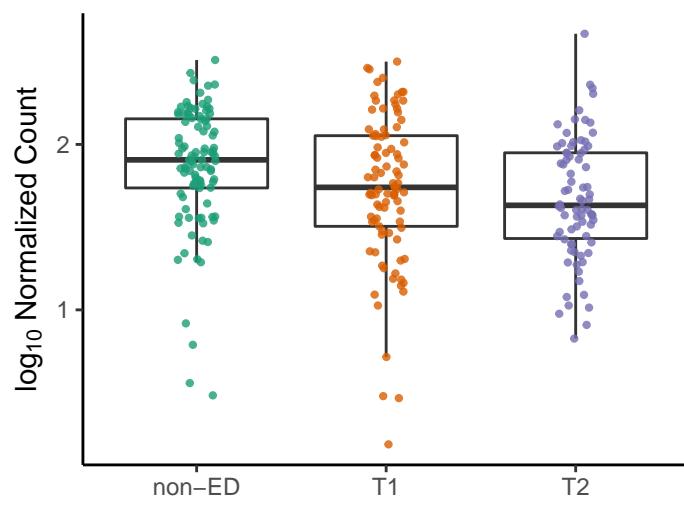
### Pseudomonas sp. GR 6-02

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.51



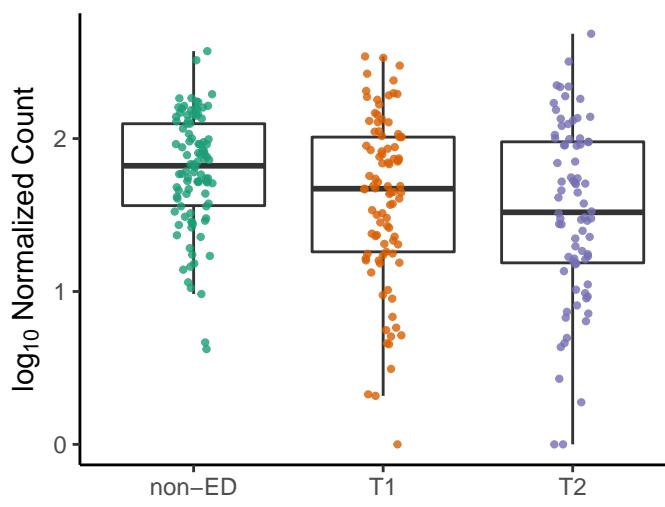
### *Sphaerospermopsis kisseleviana*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.76



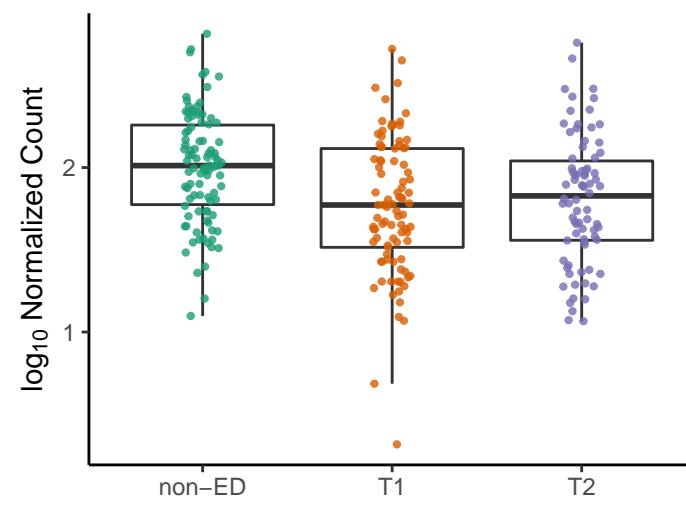
### *Sphingobium cloacae*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.91



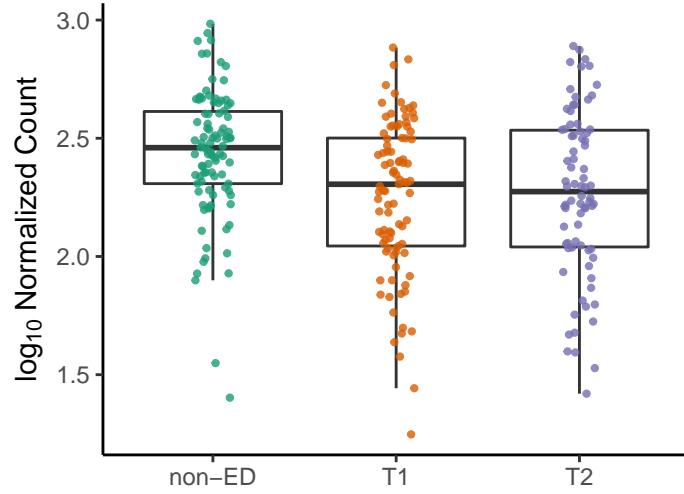
### Unclassified Alcaligenes Genus

non-ED vs. T1 adjusted p = 0.001  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.67



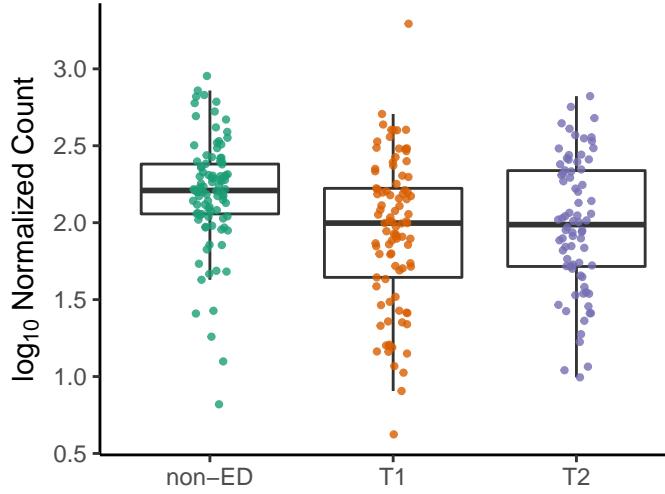
### Unclassified Yersinia Genus

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.73



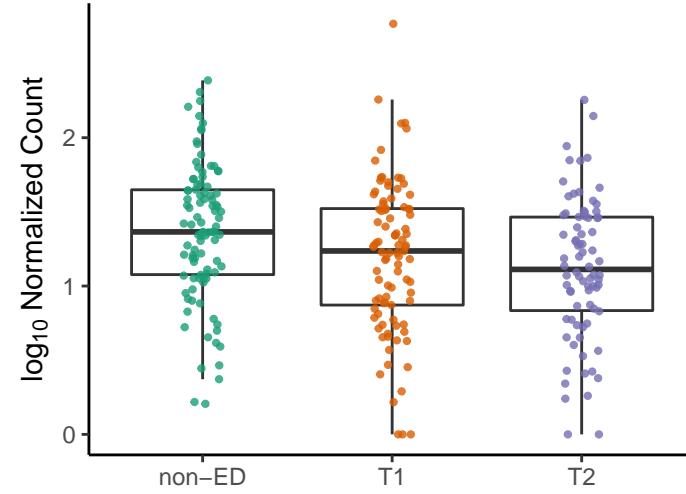
### *Mesorhizobium amorphae*

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.71



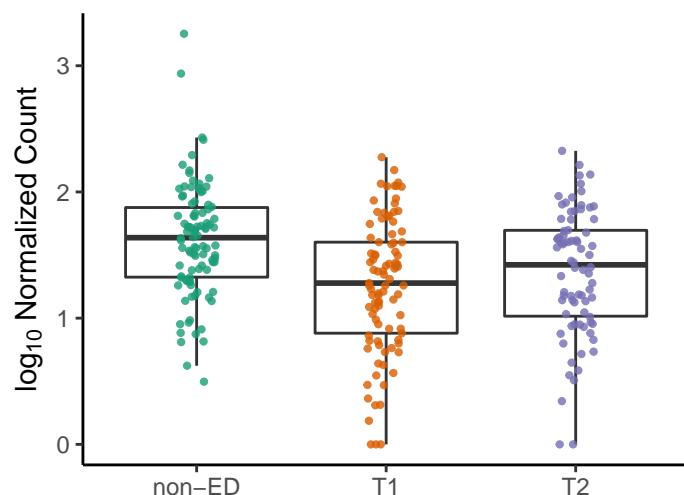
### *Leuconostoc suionicum*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.7



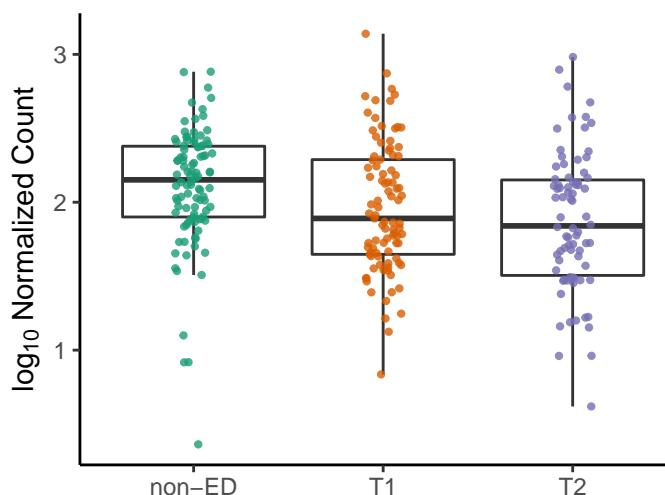
### *Pseudomonas* sp. R84

non-ED vs. T1 adjusted p = 9.8e-05  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.55



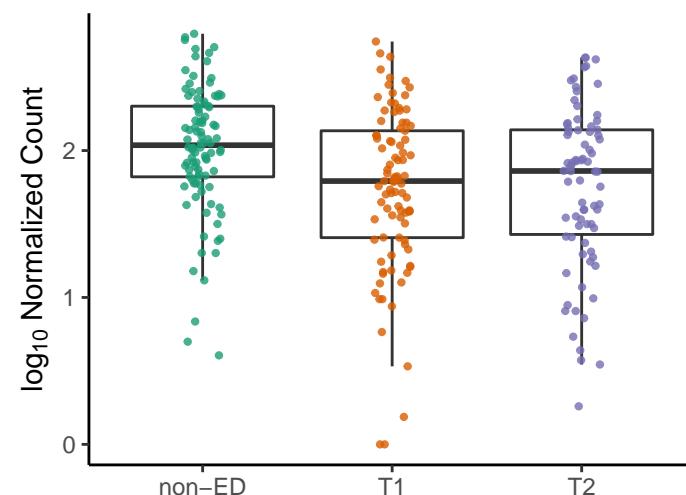
### *Staphylococcus sciuri*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.67



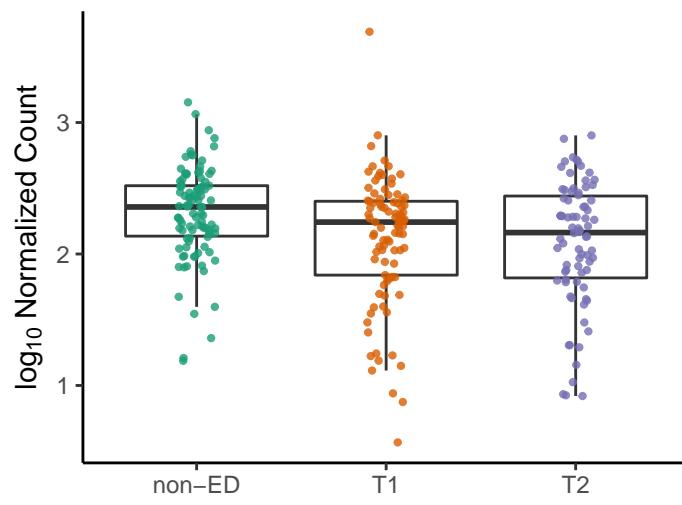
### *Acidovorax* sp. T1

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.81



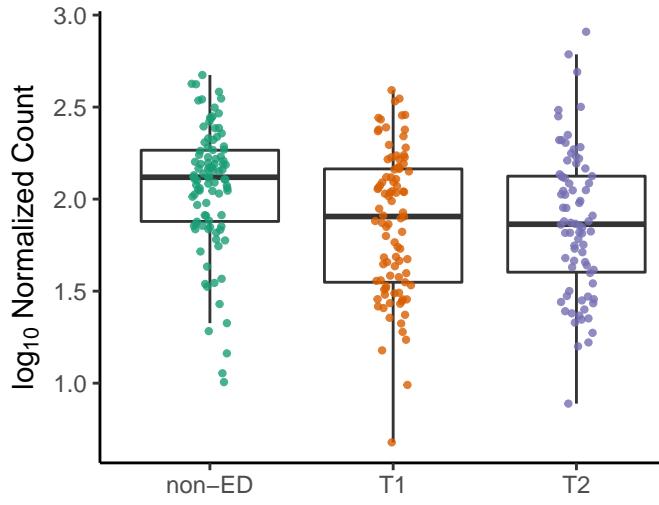
### Hymenobacter sp. DG01

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.95



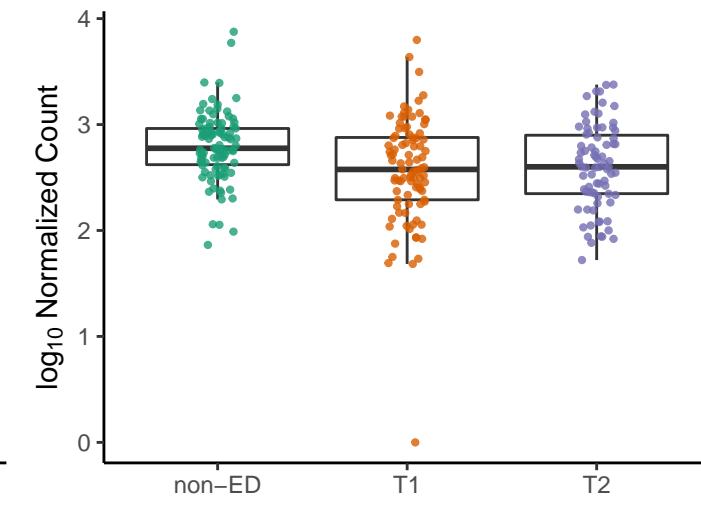
### Lysinibacillus sp. YS11

non-ED vs. T1 adjusted p = 0.0039  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.98



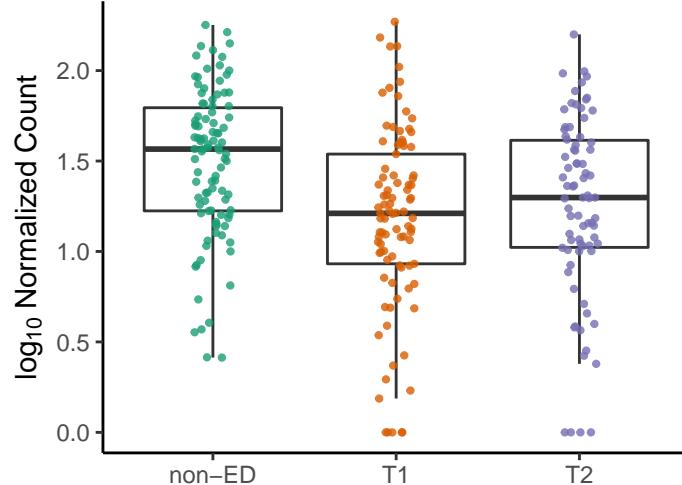
### Phoenicibacter congoensis

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.74



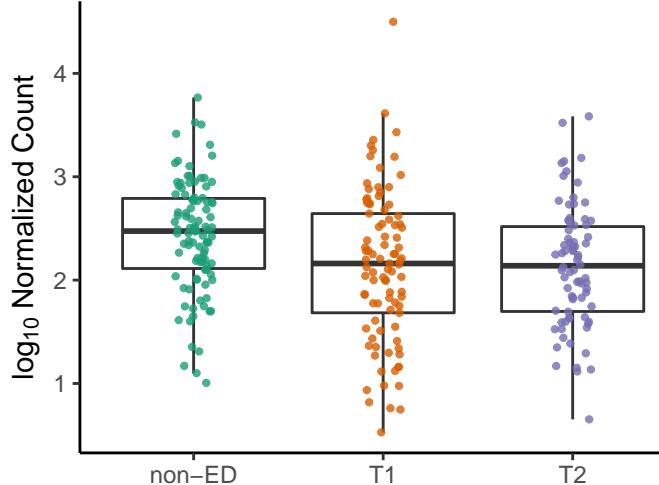
### Polynucleobacter difficile

non-ED vs. T1 adjusted p = 0.00037  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.74



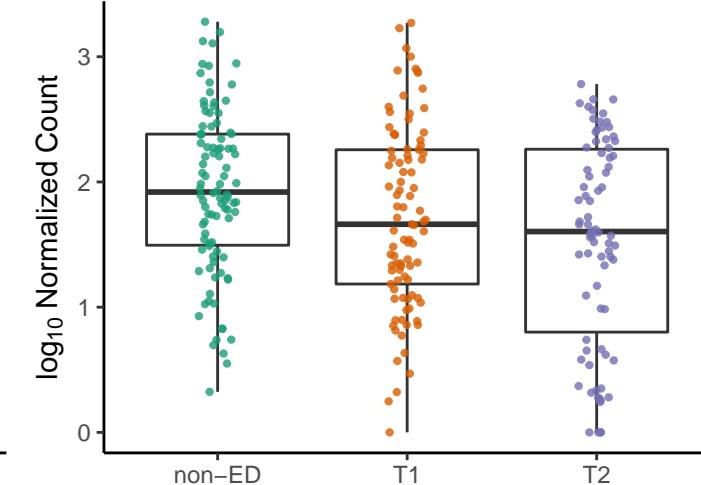
### Streptococcus koreensis

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.94



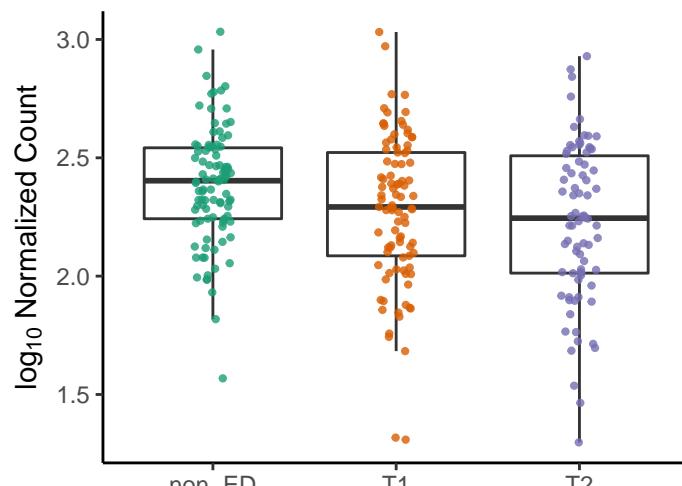
### Unclassified Romboutsia Genus

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.61



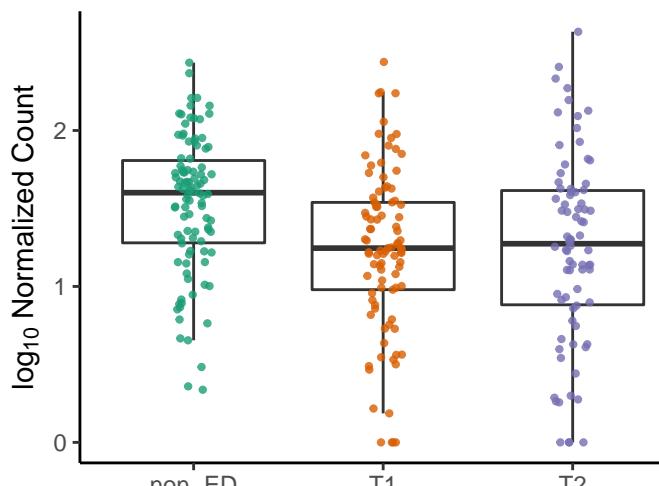
### Neurospora crassa

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.68



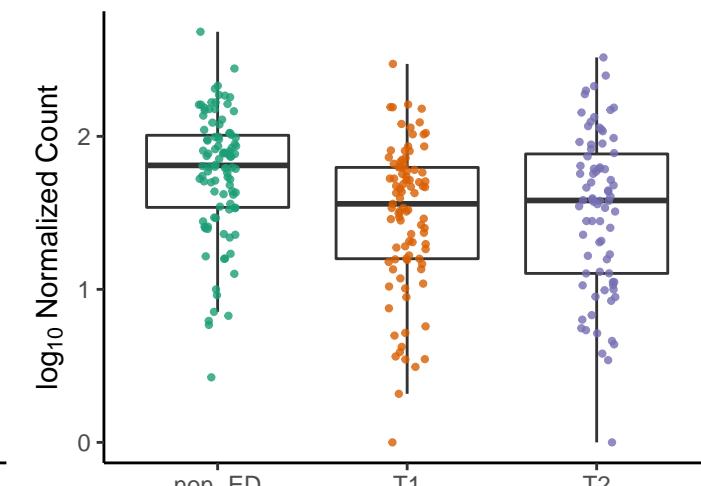
### Halomonas sp. PA16-9

non-ED vs. T1 adjusted p = 0.0015  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.77



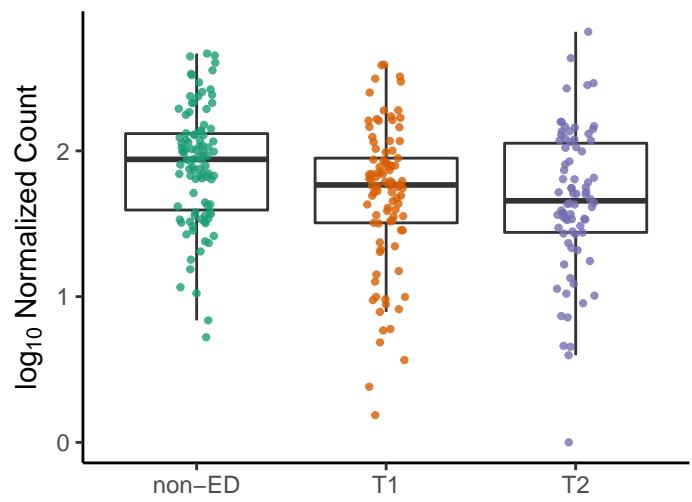
### Marinobacter sp. es.042

non-ED vs. T1 adjusted p = 0.00085  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.82



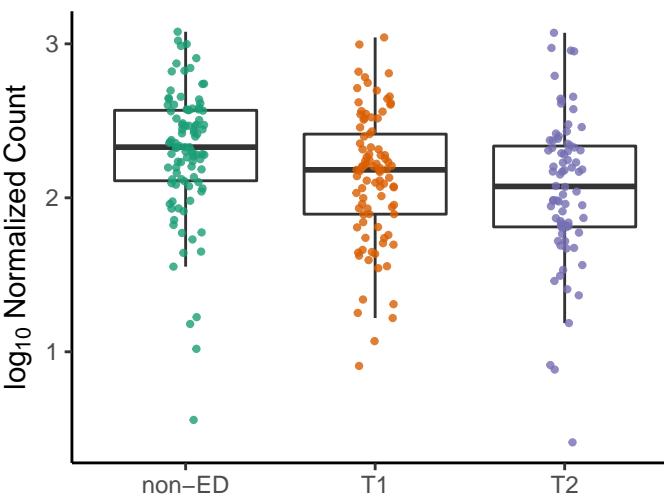
### Mixta calida

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.95



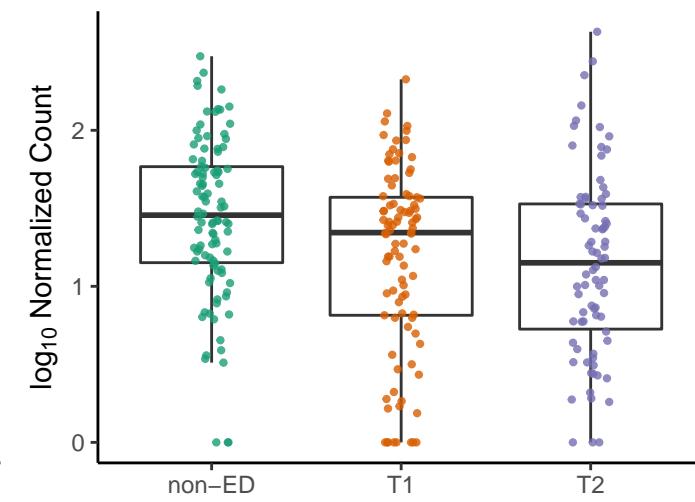
### Clostridium cochlearium

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.73



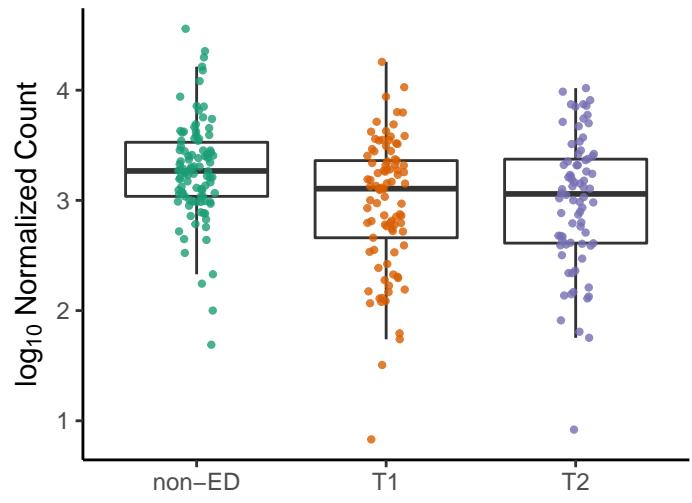
### Roseovarius mucosus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0074  
T1 vs. T2 adjusted p = 0.98



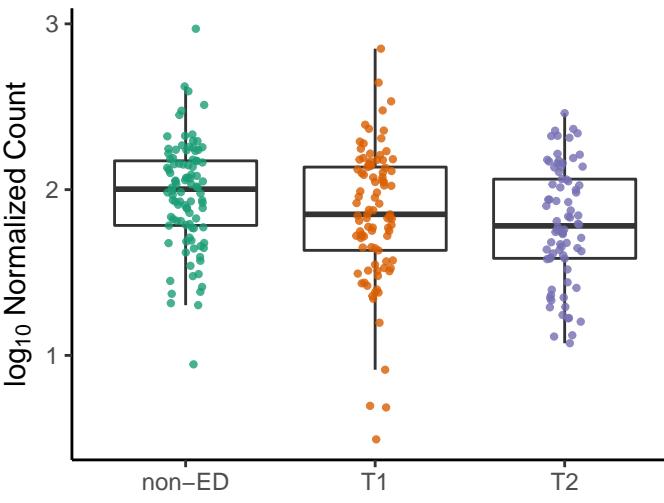
### Parolsenella catena

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.0074  
T1 vs. T2 adjusted p = 0.77



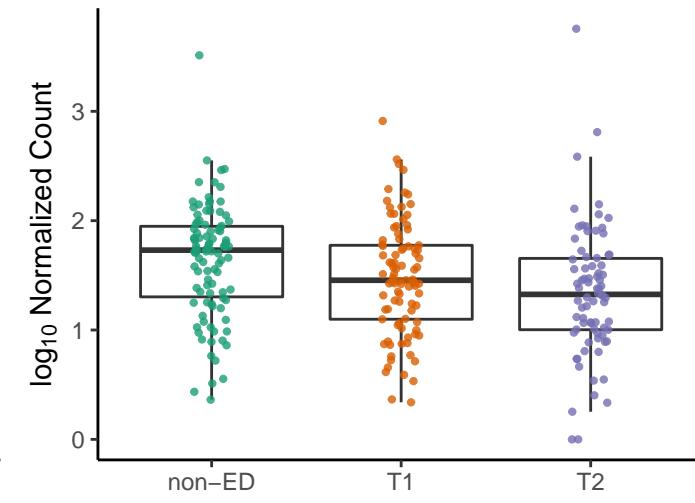
### Novibacillus thermophilus

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.87



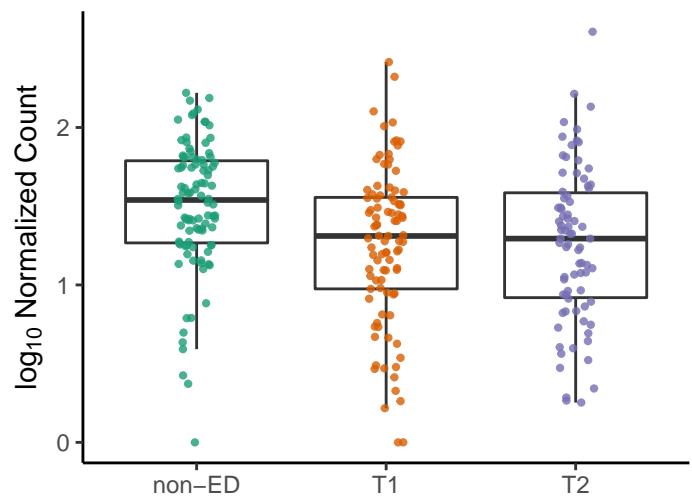
### Unclassified Weissella Genus

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.67



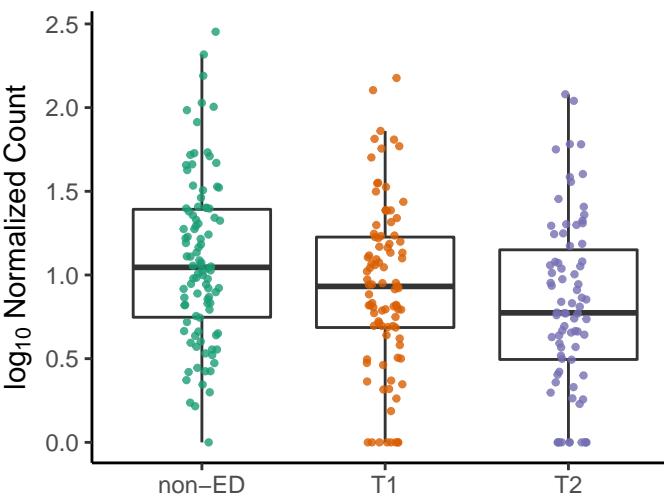
### Acinetobacter defluvii

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.0077  
T1 vs. T2 adjusted p = 0.84



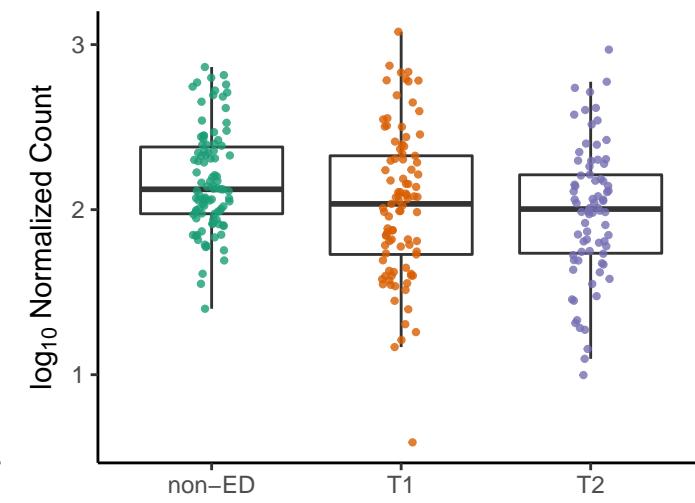
### Nostoc sp. NIES-3756

non-ED vs. T1 adjusted p = 0.083  
non-ED vs. T2 adjusted p = 0.0077  
T1 vs. T2 adjusted p = 0.56



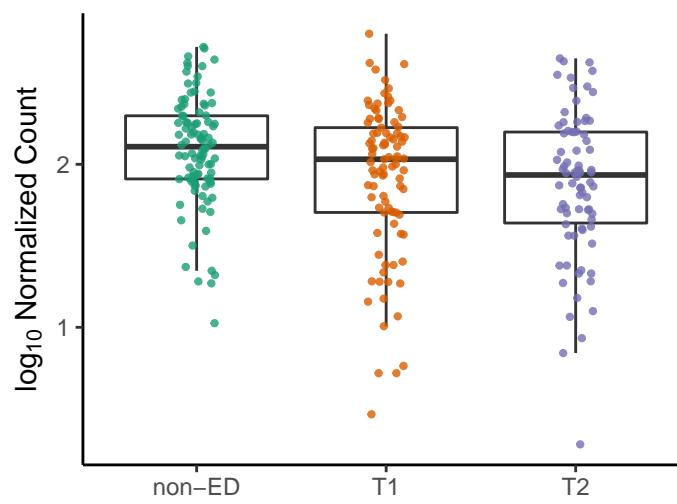
### Rothia aeria

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.0077  
T1 vs. T2 adjusted p = 0.94



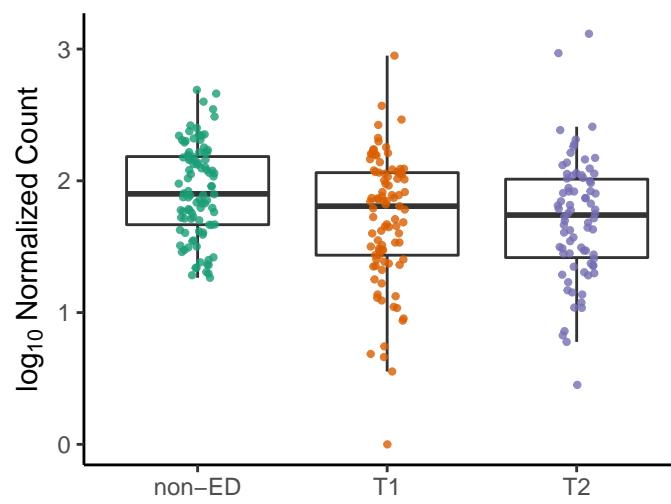
### Sulfitobacter sp. AM1-D1

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.99



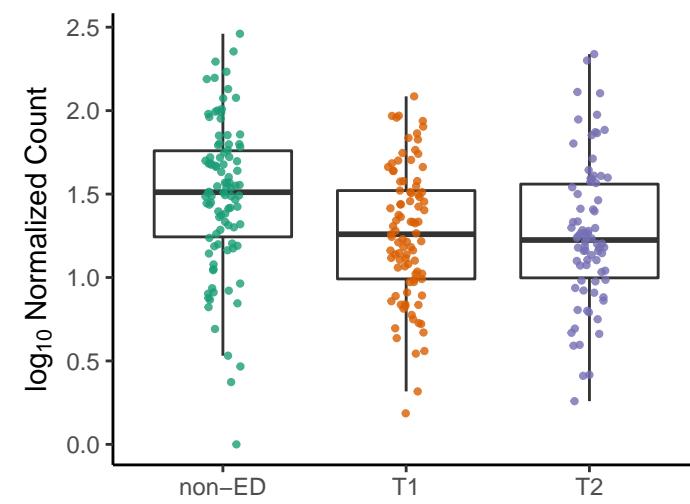
### Simiduia agarivorans

non-ED vs. T1 adjusted p = 0.0081  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.99



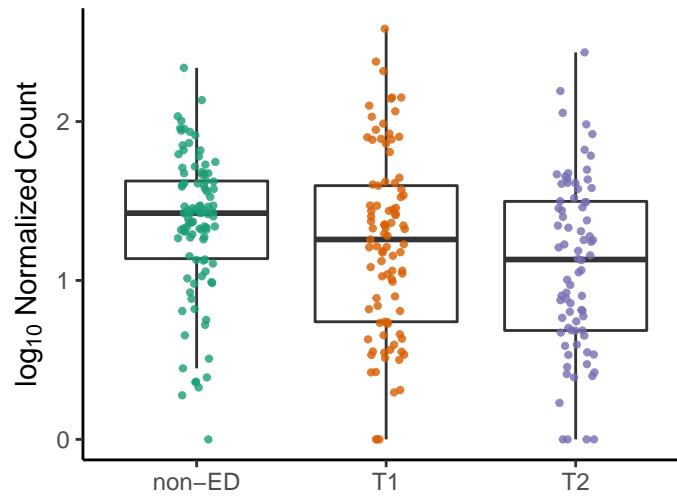
### Yersinia canariae

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.88



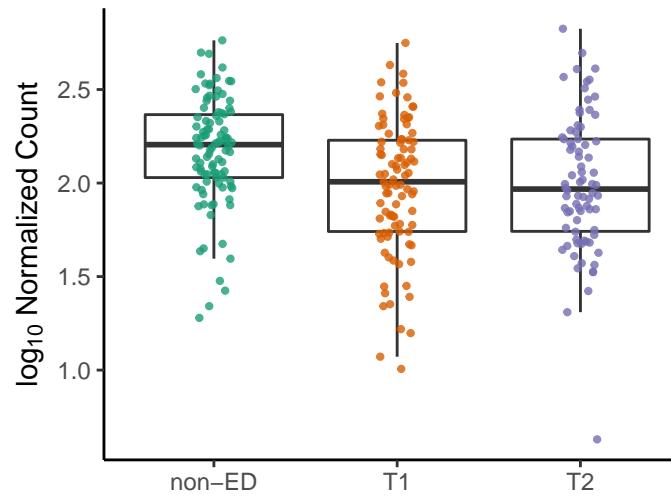
### Mesoplasma chauliocola

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.47



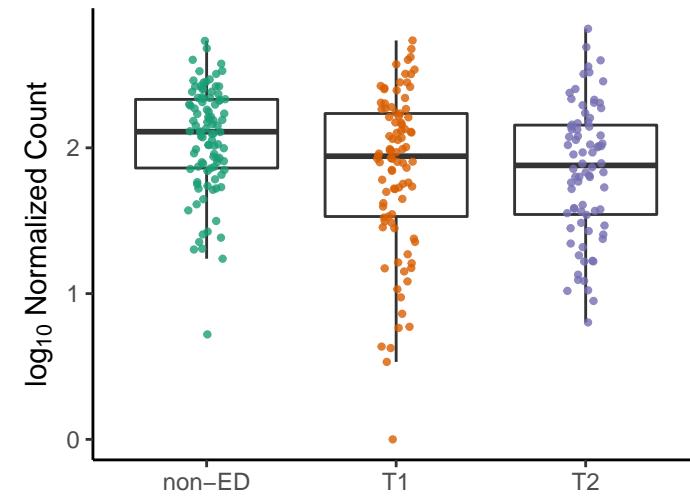
### Aerococcus sanguinicola

non-ED vs. T1 adjusted p = 0.002  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.78



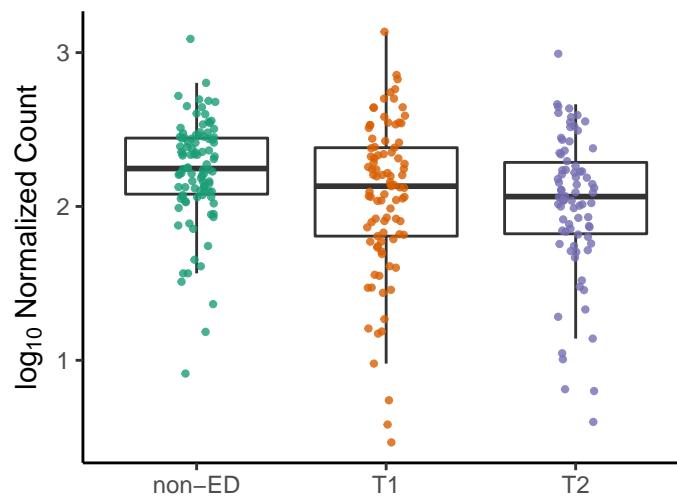
### Epibacterium mobile

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.88



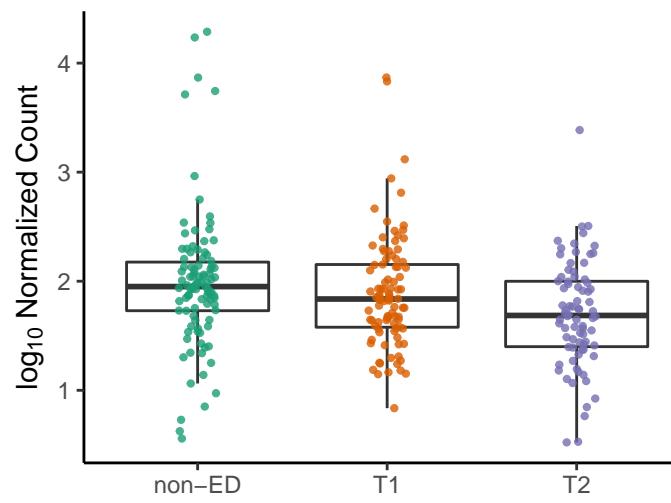
### Ferrovibrio terrae

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.98



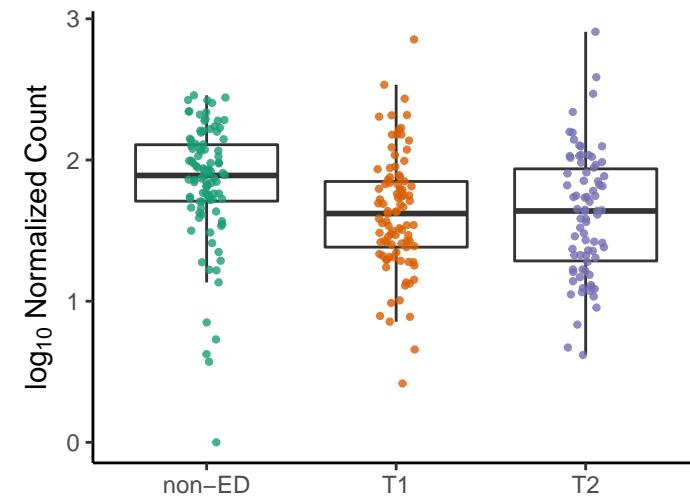
### Lactobacillus acidophilus

non-ED vs. T1 adjusted p = 0.4  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.15



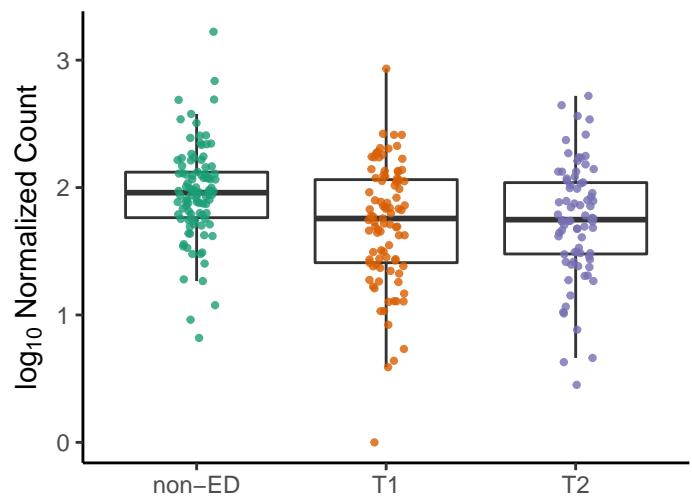
### Nautilia sp. PV-1

non-ED vs. T1 adjusted p = 0.0064  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.91



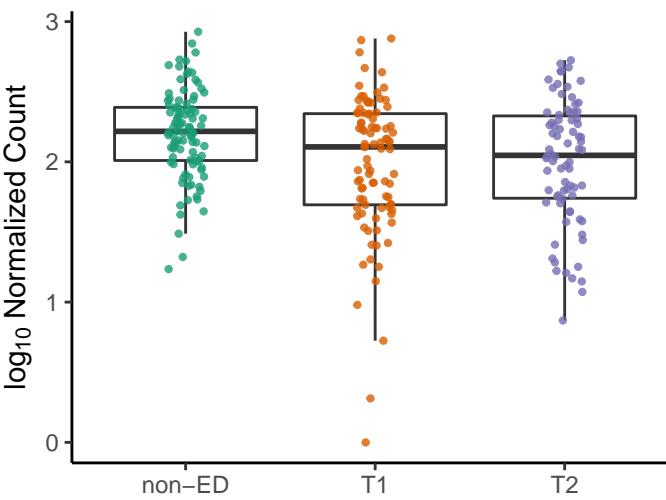
### Pantoea sp. PSNIH1

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.66



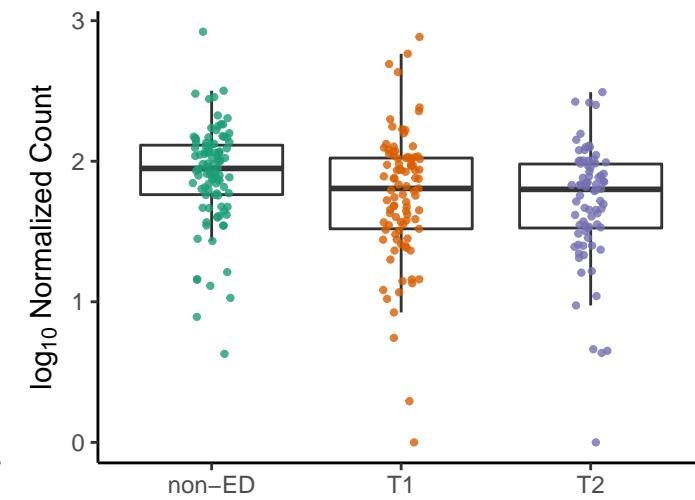
### Pseudomonas knackmussii

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.77



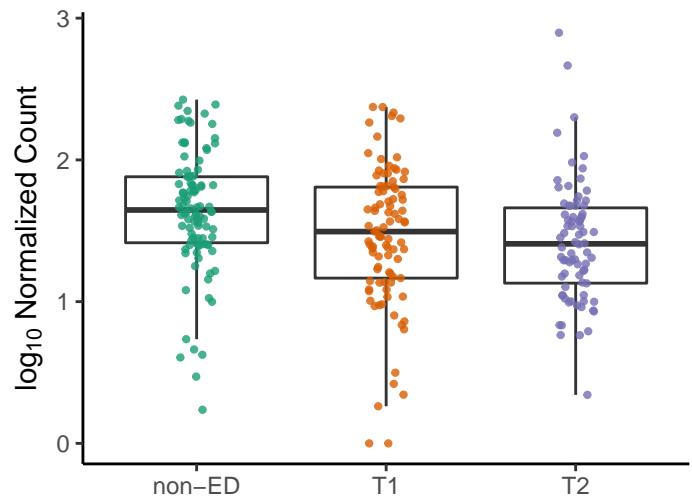
### Prosthecochloris aestuarii

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.93



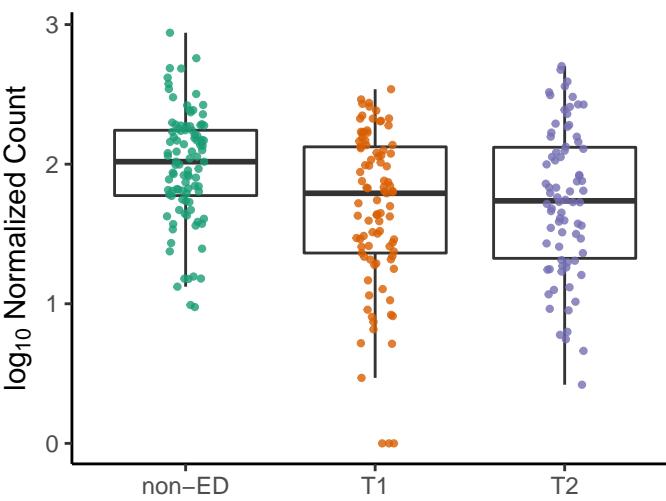
### Staphylococcus piscifermentans

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.7



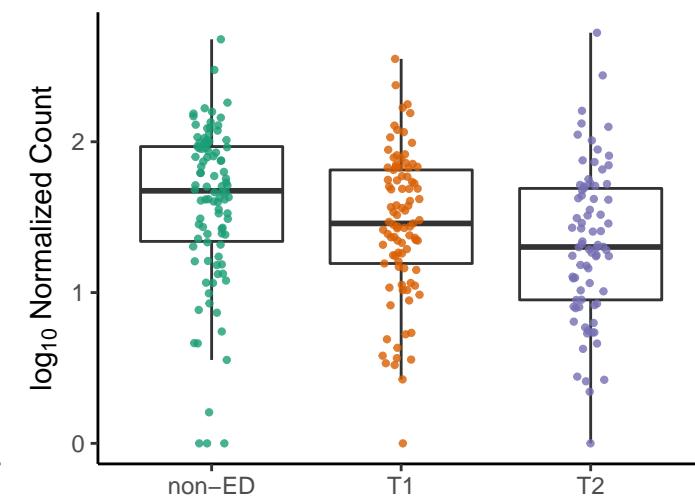
### Brevundimonas mediterranea

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.69



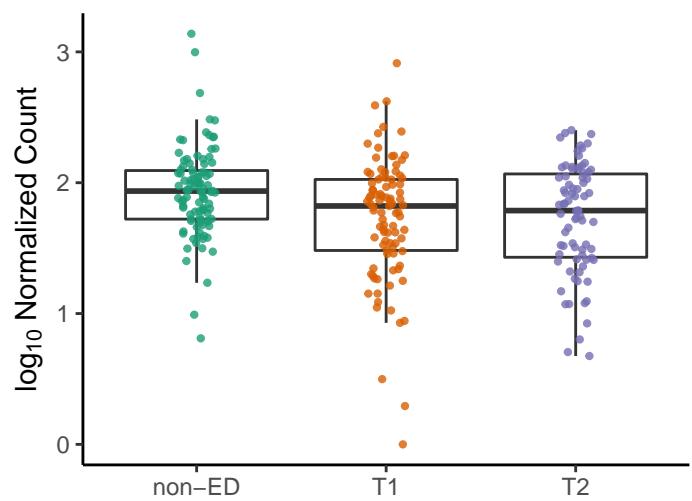
### Catenovulum sediminis

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.54



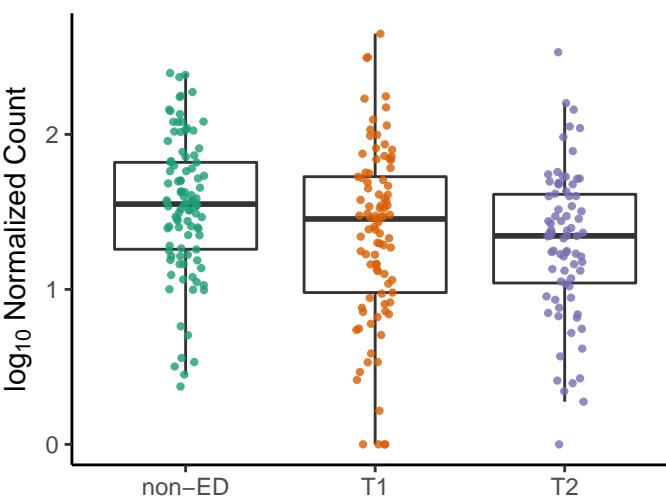
### Corynebacterium riegelii

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.89



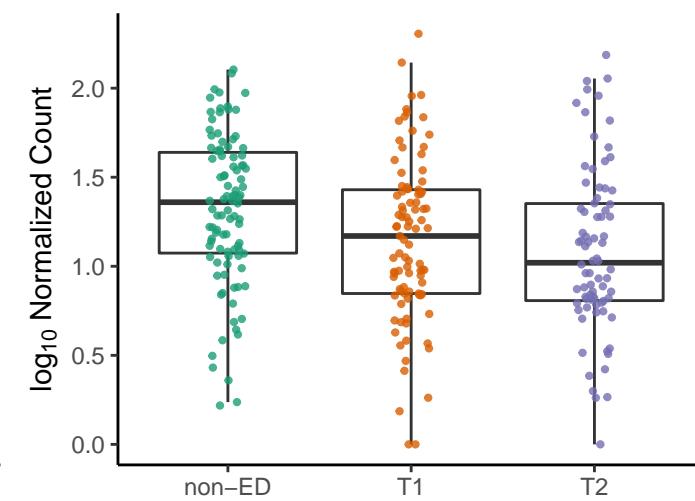
### Kangiella sediminilitoris

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.73



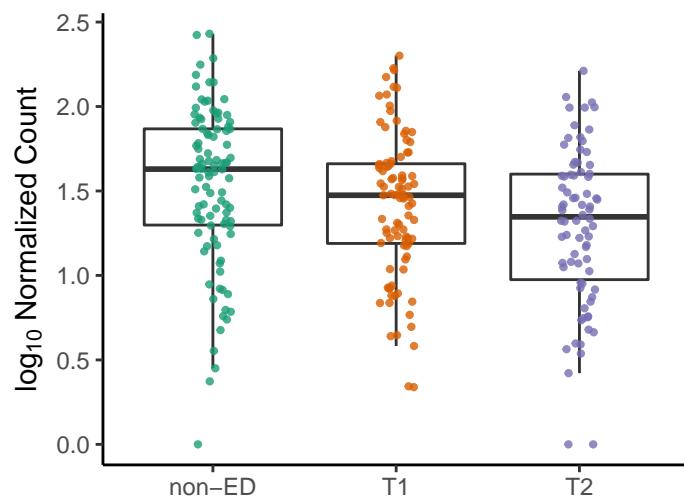
### Liberibacter crescens

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0079  
T1 vs. T2 adjusted p = 0.67



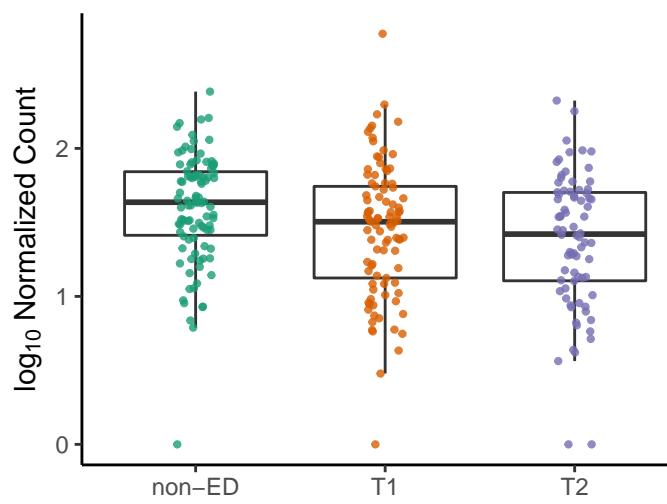
### *Mycoplasma bovigenitalium*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.47



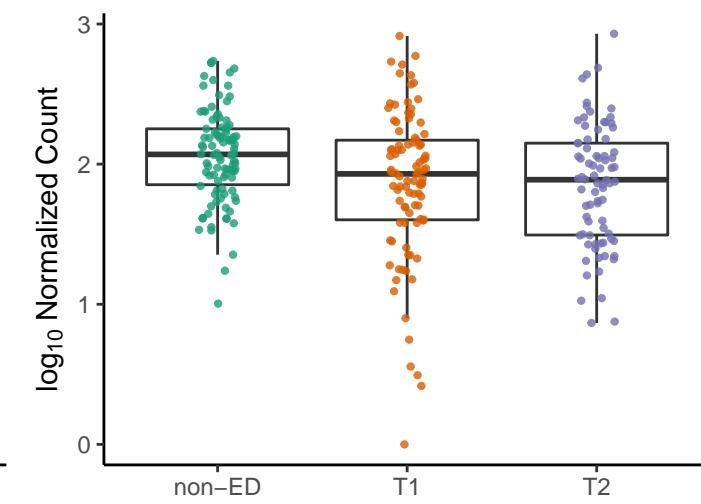
### *Nitrosomonas* sp. Is79A3

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.66



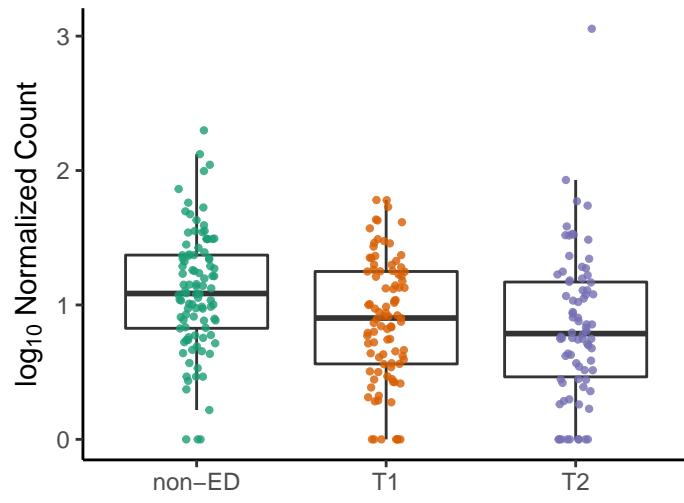
### *Sulfitobacter* sp. THAF37

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.81



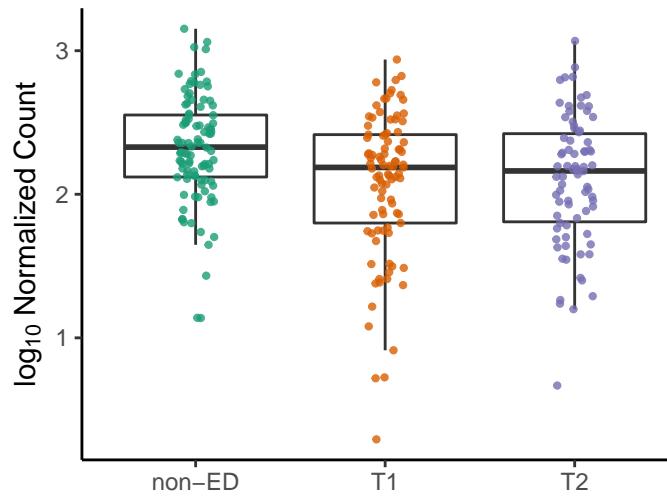
### *Wolbachia* endosymbiont of *Folsomia* ca

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.78



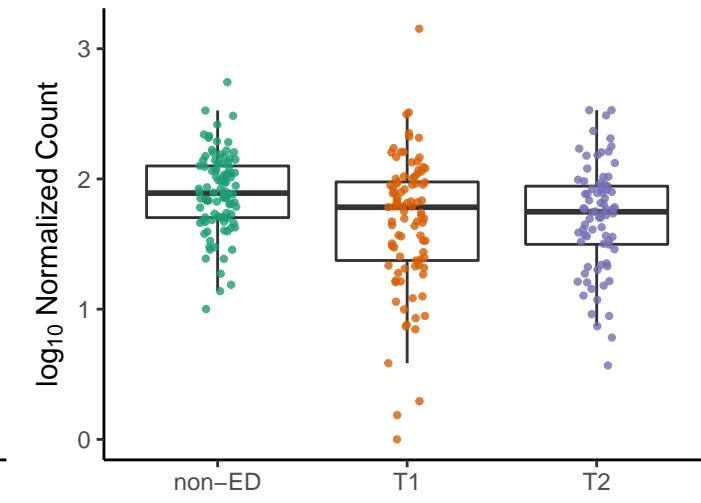
### *Pseudomonas entomophila*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.82



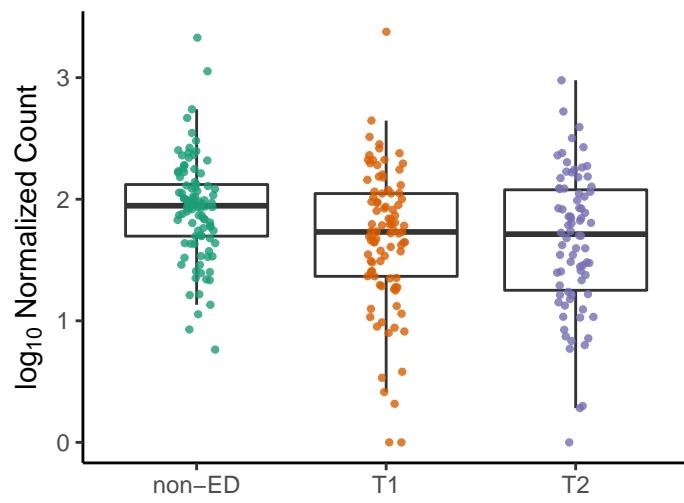
### *Neisseria lactamica*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.73



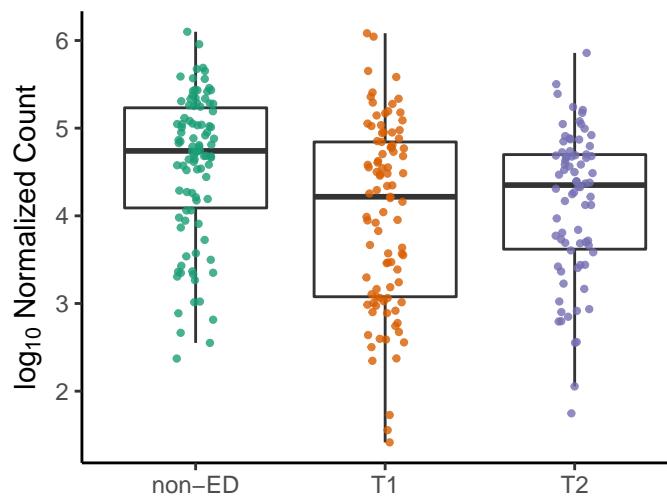
### *Sphingomonas* sp. AAP5

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.91



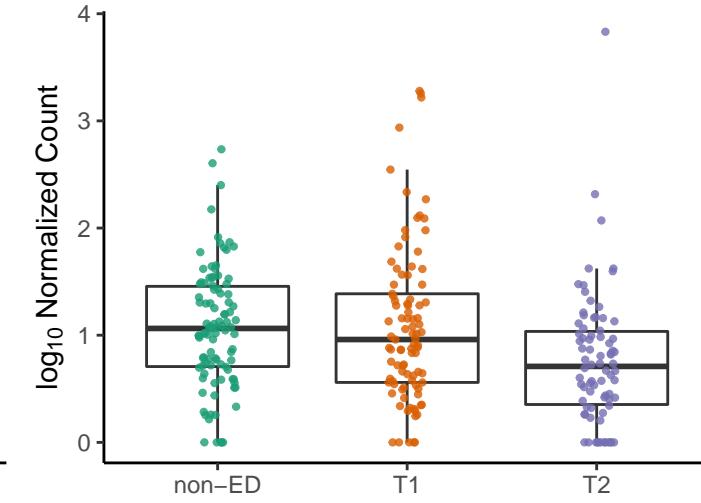
### *Adlercreutzia equolifaciens*

non-ED vs. T1 adjusted p = 0.0018  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.65



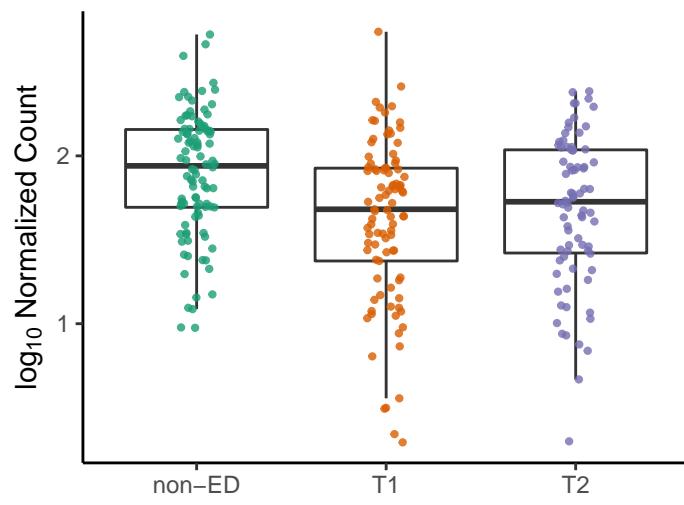
### *Citrobacter freundii* complex sp. CFNIH2

non-ED vs. T1 adjusted p = 0.92  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.037



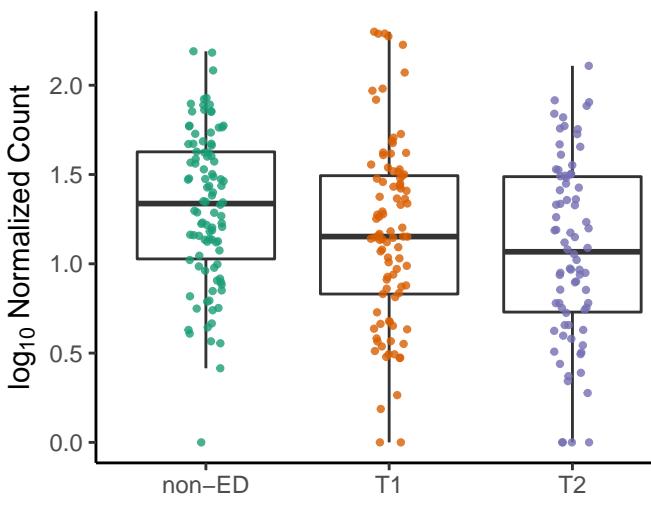
### *Streptomyces* sp. Mg1

non-ED vs. T1 adjusted p = 8e-04  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.71



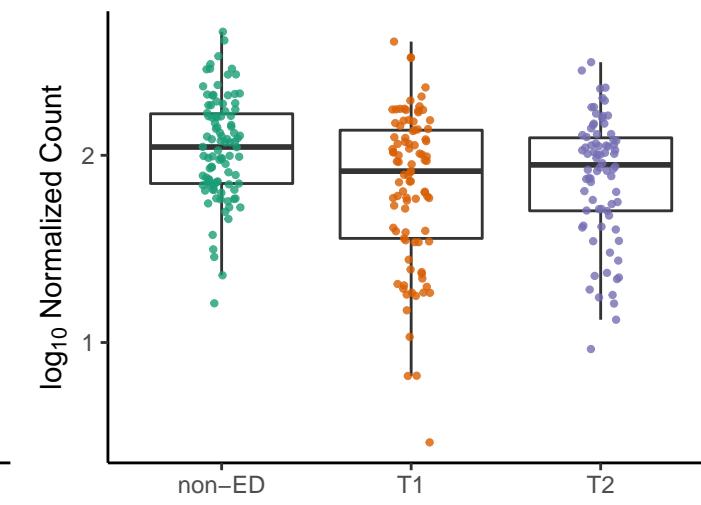
### *Acetobacter tropicalis*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.7



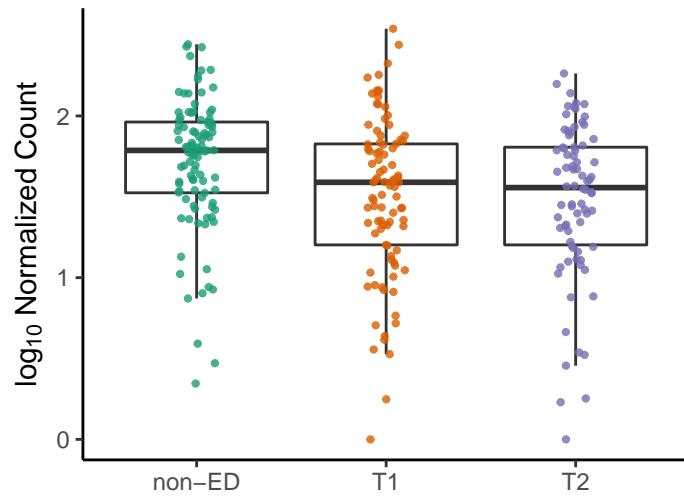
### *Ensifer alkalisoli*

non-ED vs. T1 adjusted p = 0.0018  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.7



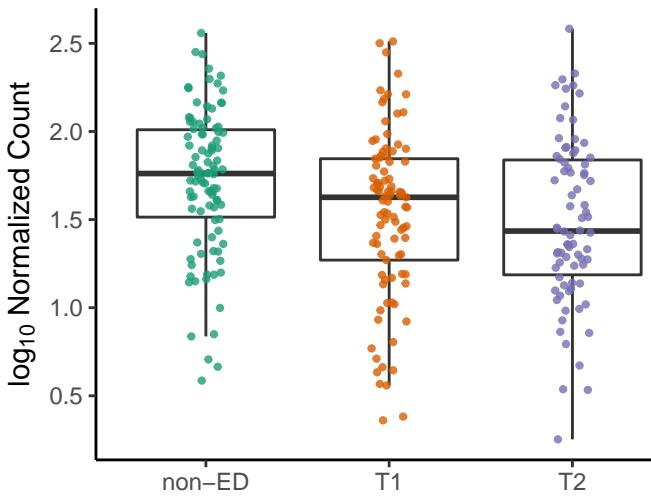
### *Flavobacterium haoranii*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.83



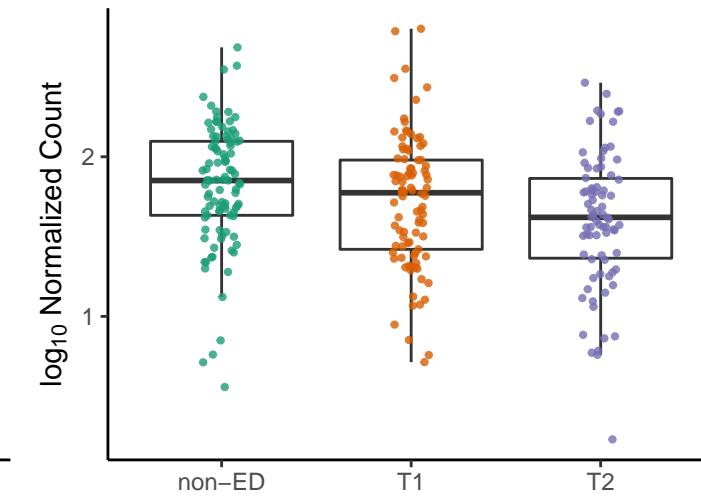
### *Vibrio ponticus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.86



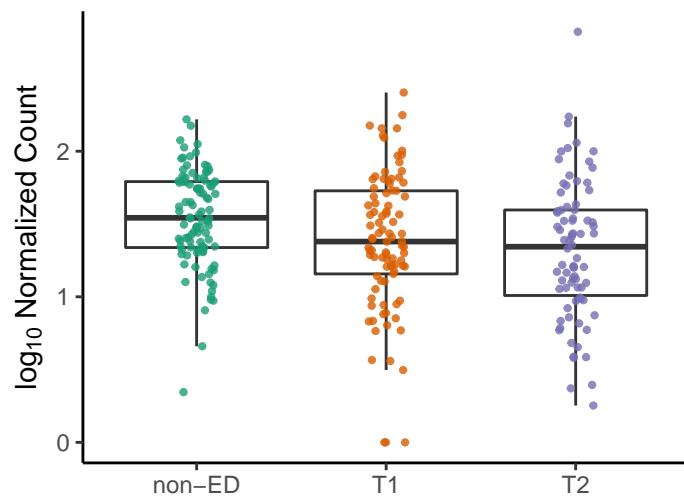
### *Leptotrichia hongkongensis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.63



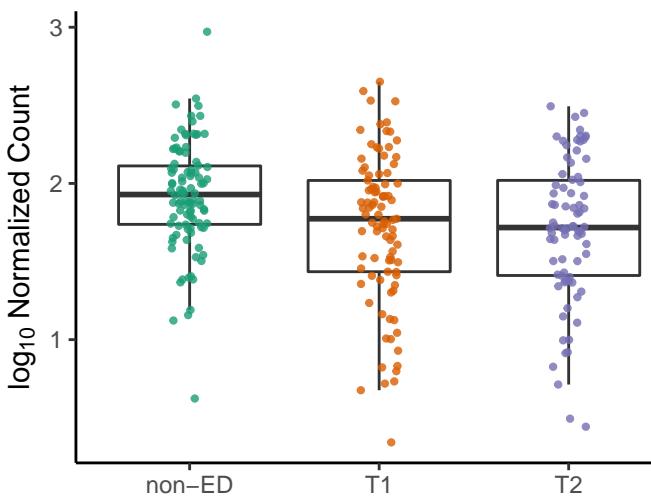
### *Moraxella catarrhalis*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.0082  
 T1 vs. T2 adjusted p = 0.78



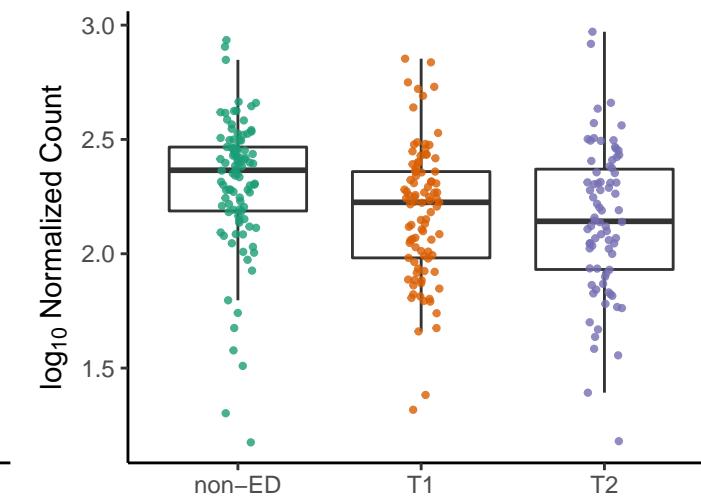
### *Pandorea veracti*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0082  
 T1 vs. T2 adjusted p = 0.99



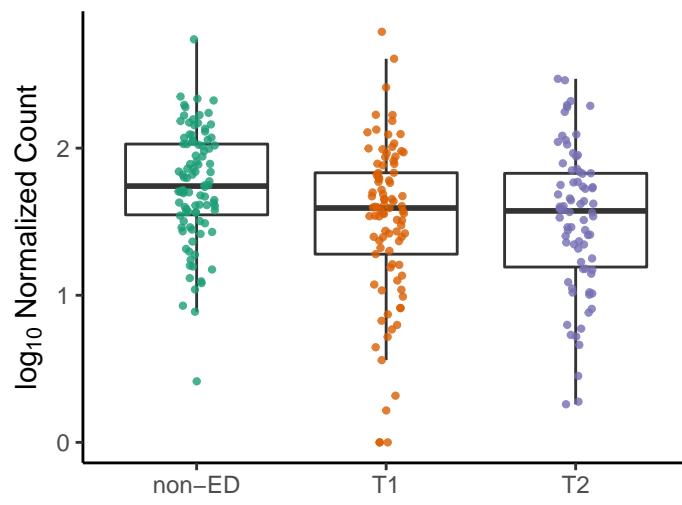
### *Bacillus paralicheniformis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.0083  
 T1 vs. T2 adjusted p = 0.79



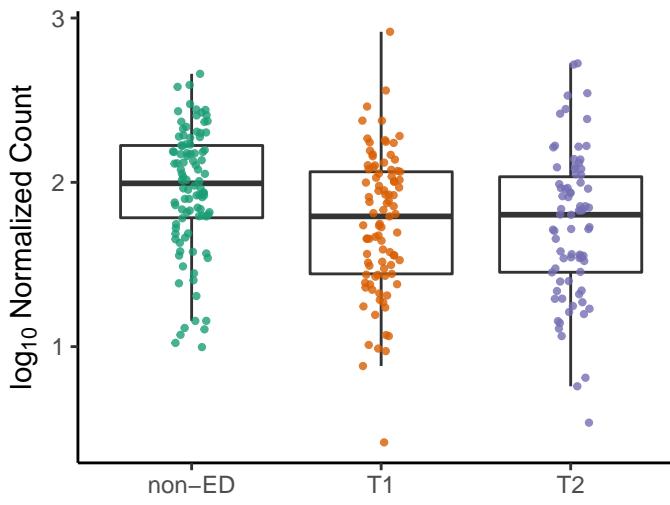
### Brevibacterium sp. o2

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.85



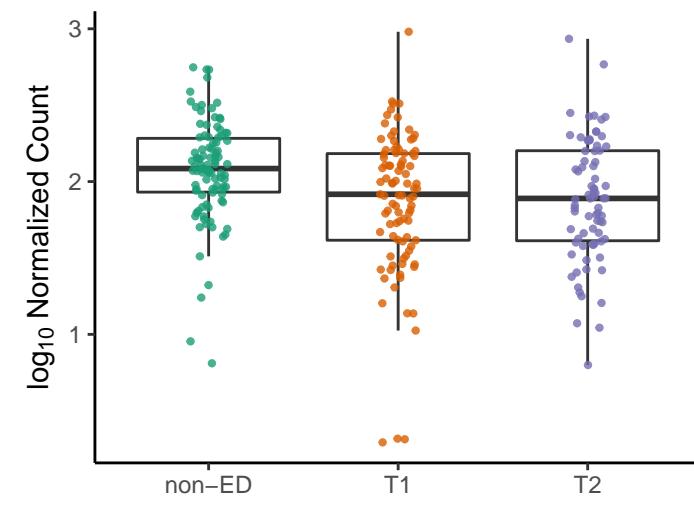
### Kushneria marisflavi

non-ED vs. T1 adjusted p = 0.0075  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.96



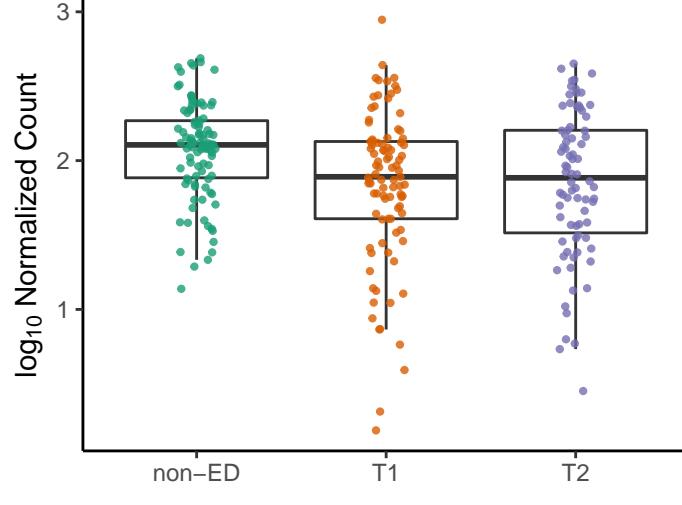
### Chromatiaceae bacterium 2141T.STBD.C

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.78



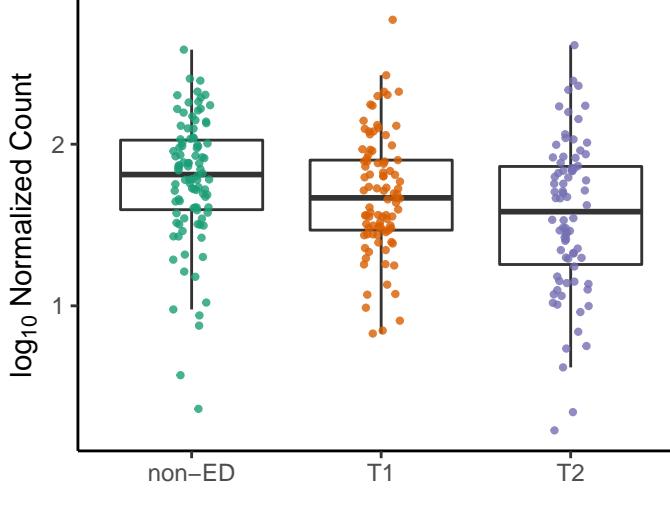
### Acidovorax sp. KKS102

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.79



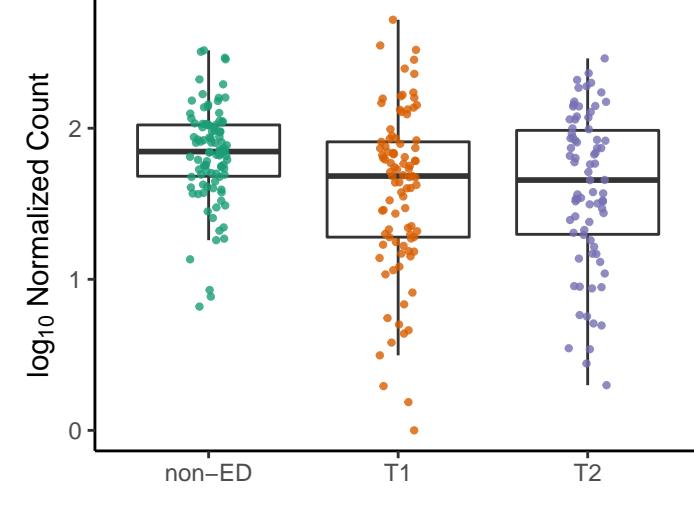
### Caminibacter mediatlanticus

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.62



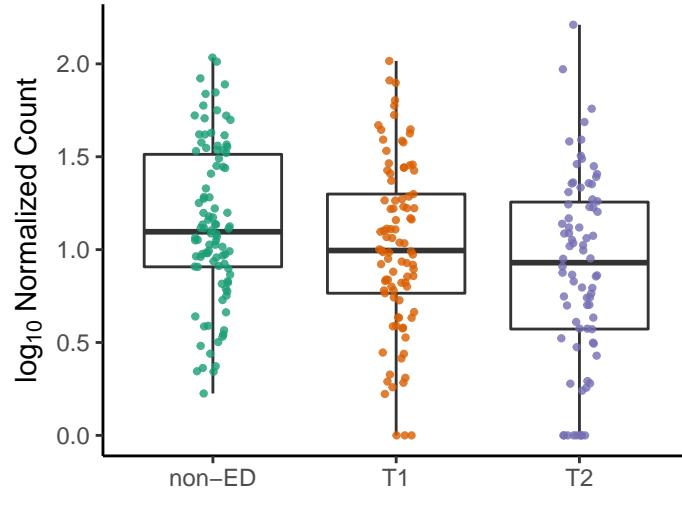
### Mycobacterium mantenii

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.76



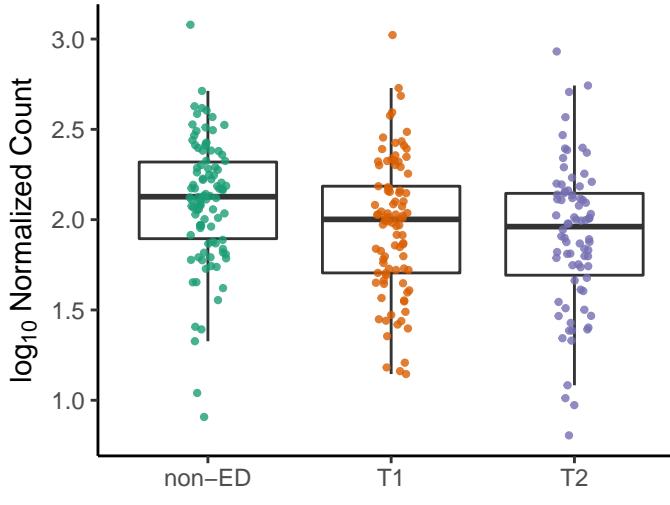
### Pseudoalteromonas aliena

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.63



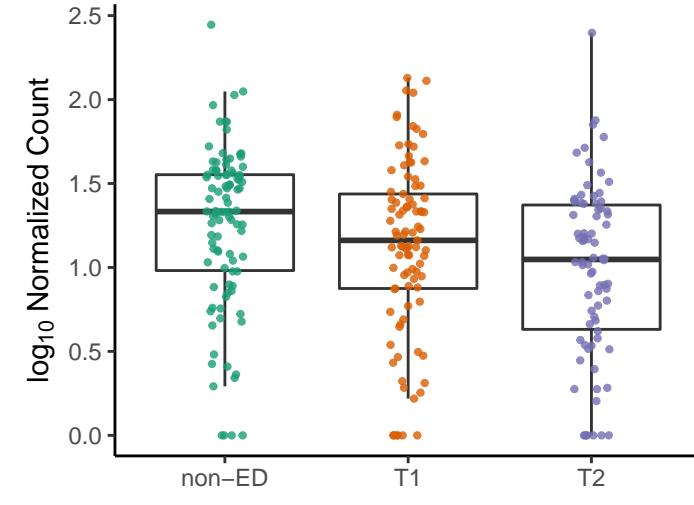
### Unclassified Calothrix Genus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.75



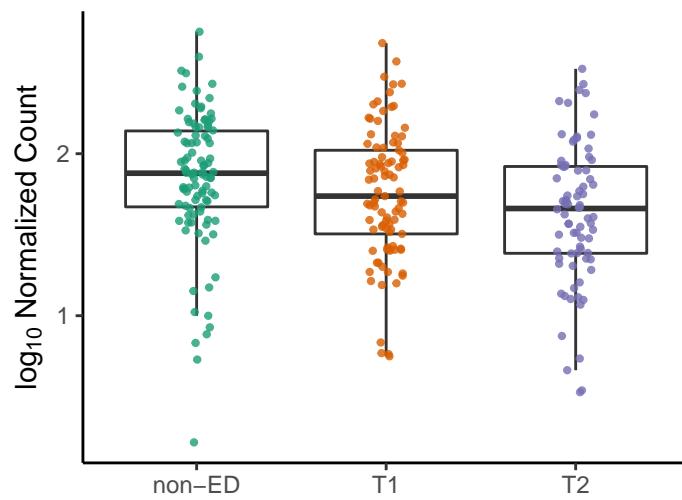
### Mycoplasma bovis

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.51



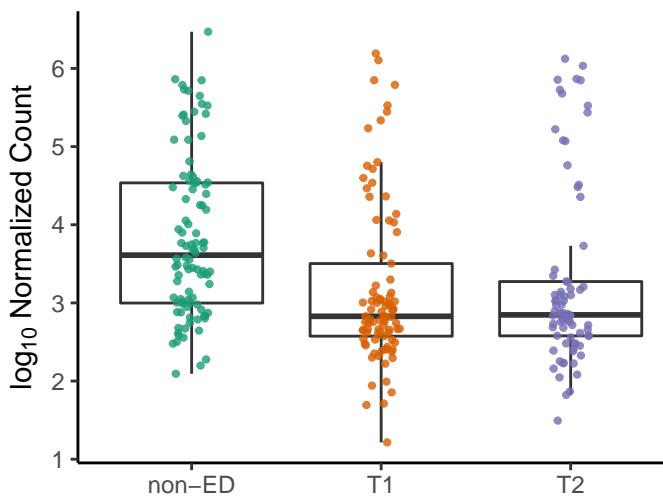
### *Staphylococcus hominis*

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.56



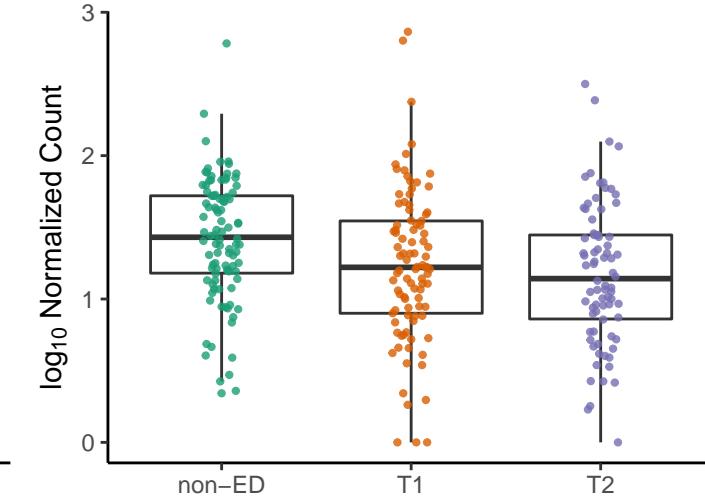
### *Bifidobacterium pseudocatenulatum*

non-ED vs. T1 adjusted p = 0.001  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.68



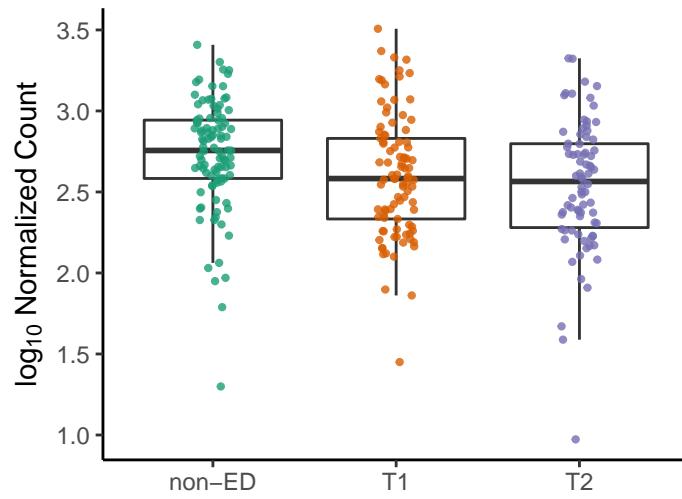
### *Campylobacter iguaniorum*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.8



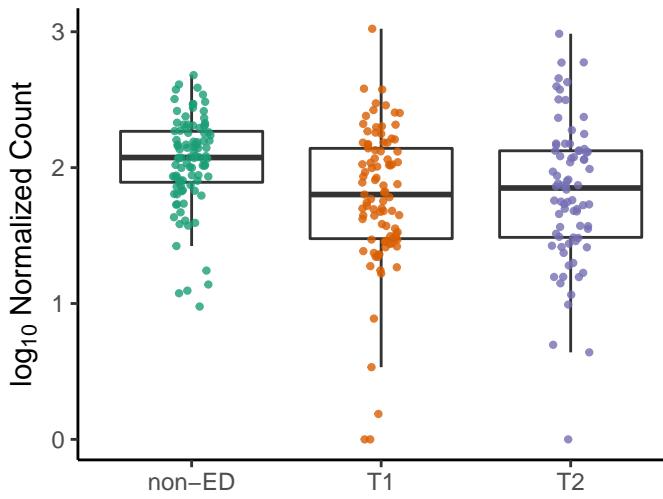
### *Clostridium baratii*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.71



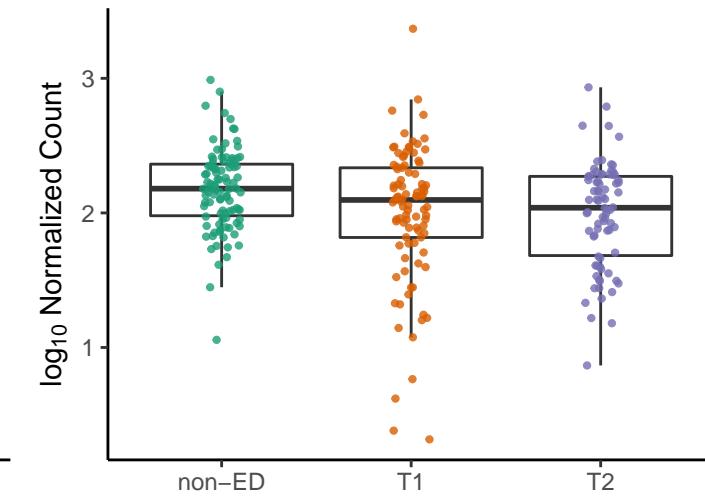
### *Paracoccus sp. AK26*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.77



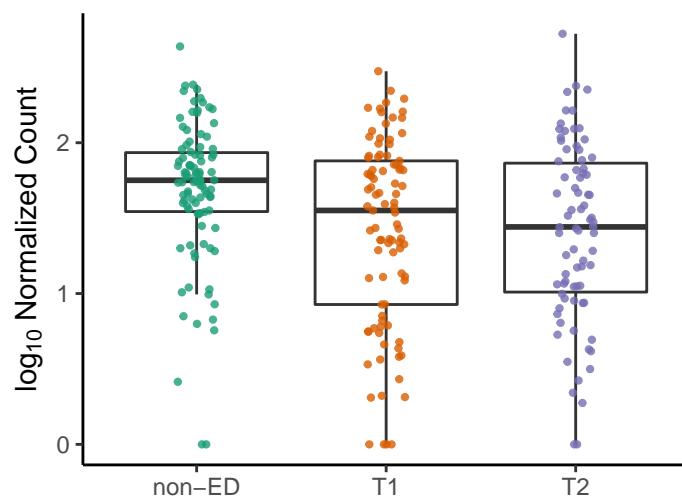
### *Bradyrhizobium sp. ORS 285*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.9



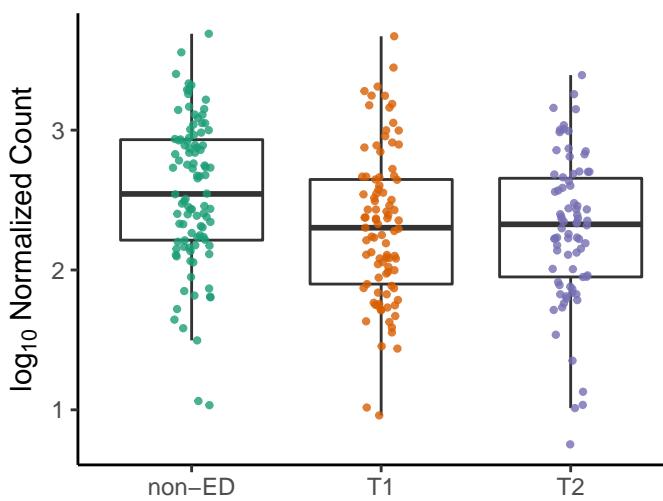
### Unclassified Saccharomonospora Genus

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.8



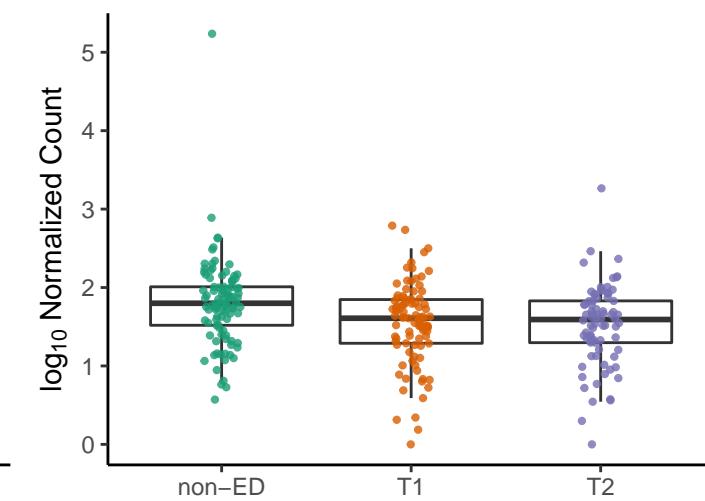
### *Streptococcus lutetiensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.86



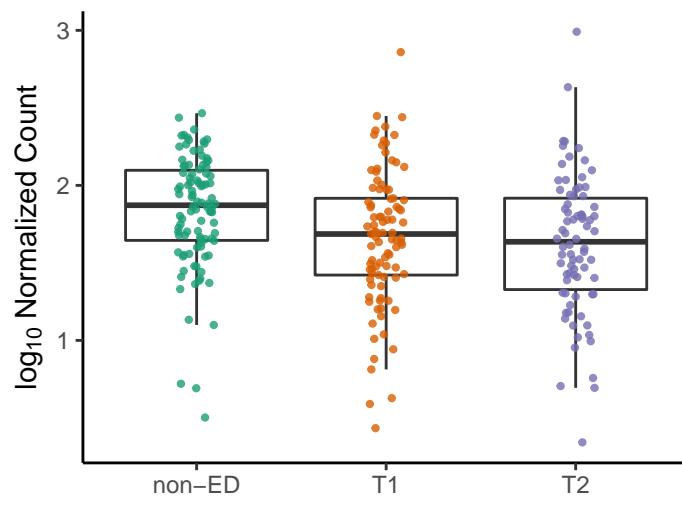
### *Pseudomonas psychrophila*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.89



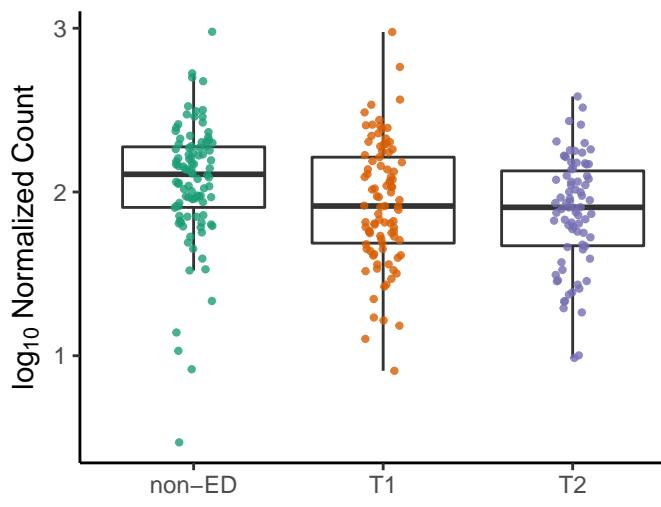
### *Crocospaera subtropica*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.82



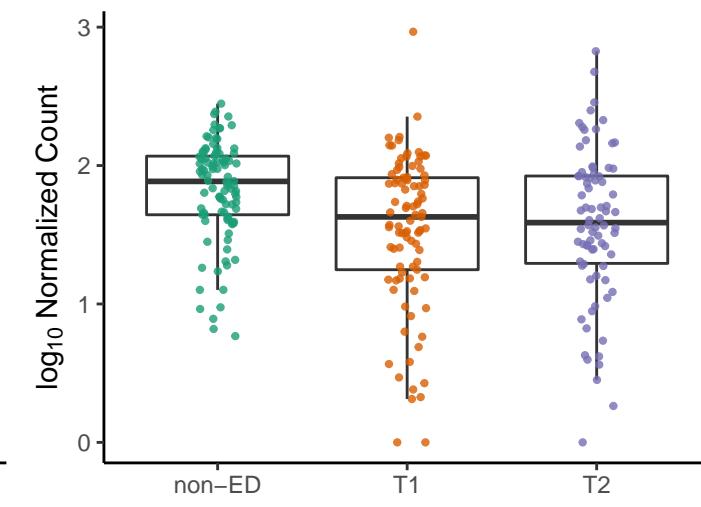
### *Flavobacterium columnare*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.76



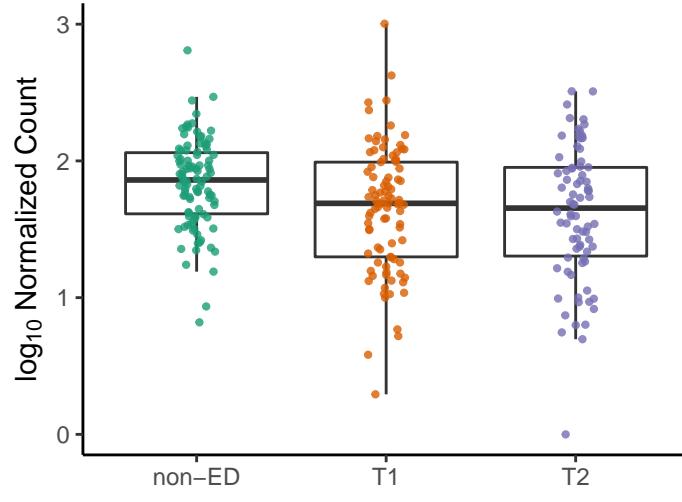
### *Streptomyces* sp. HF10

non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.72



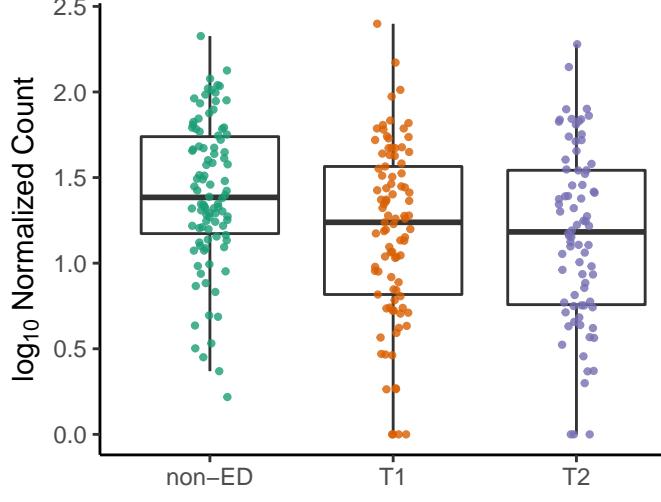
### *Mycobacterium cookii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.97



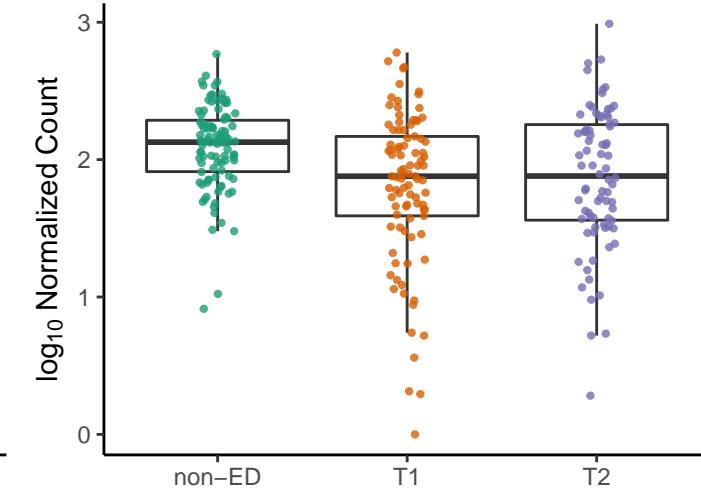
### Rickettsiales endosymbiont of Stachybar

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.95



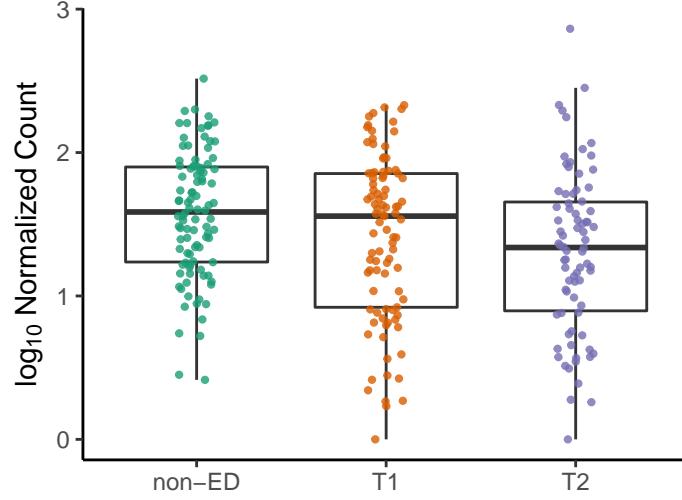
### *Azoarcus* sp. SY39

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.69



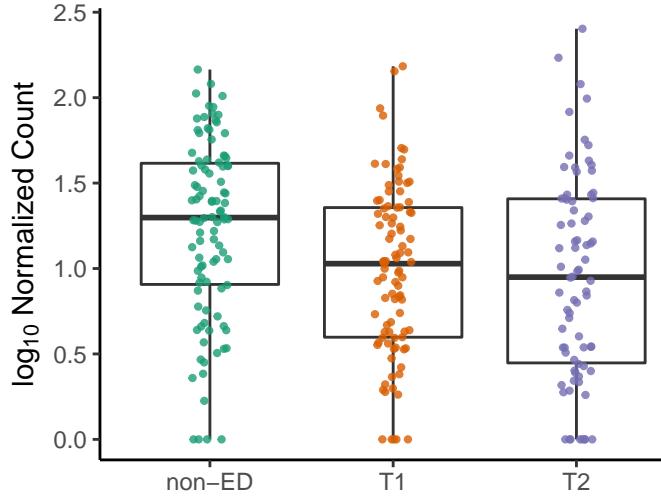
### *Rathayibacter tanaceti*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.68



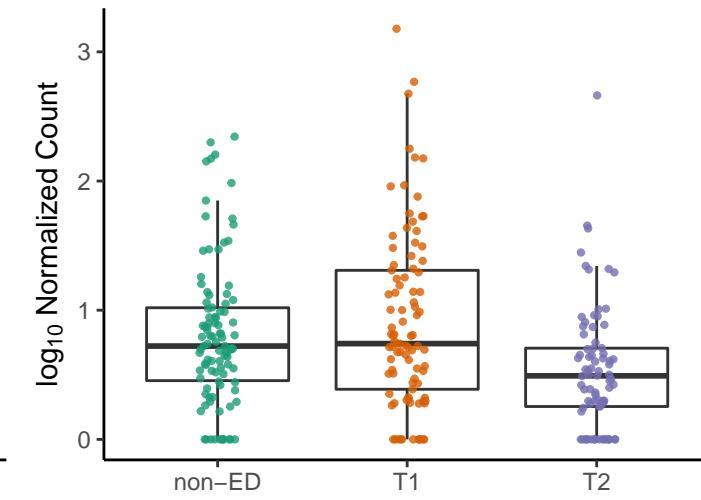
### *Polaribacter* sp. BM10

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.79



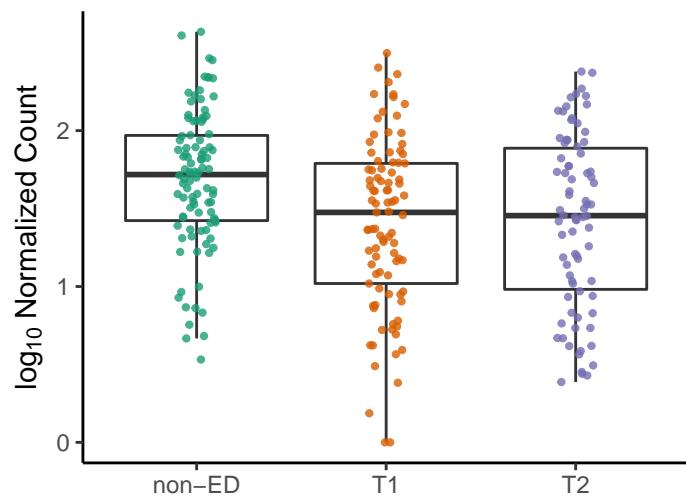
### *Citrobacter pasteurii*

non-ED vs. T1 adjusted p = 0.38  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.017



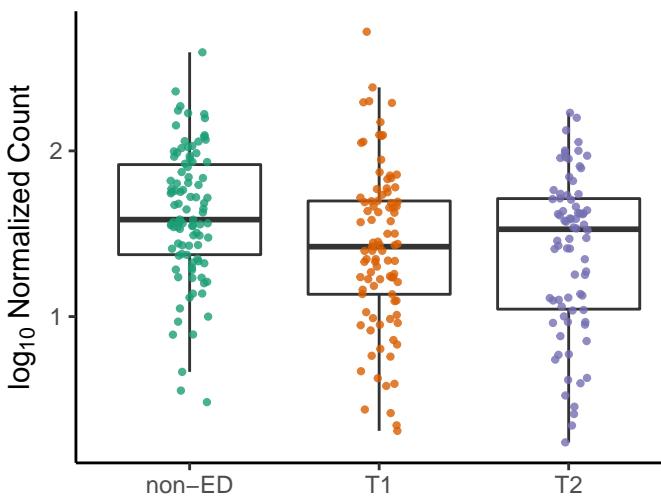
### *Microbacterium* sp. PAMC 28756

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.76



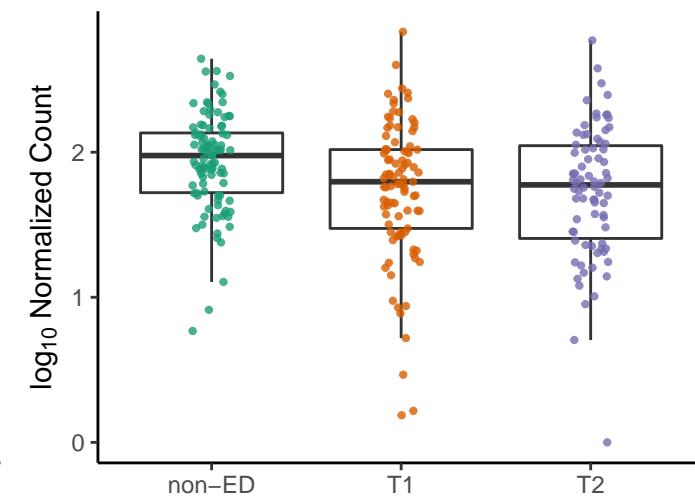
### *Mycoplasma mycoides*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.96



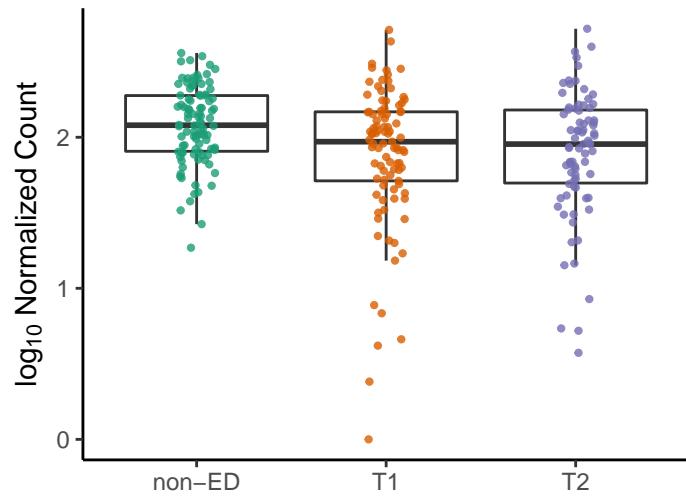
### *Paraburkholderia phytofirmans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.79



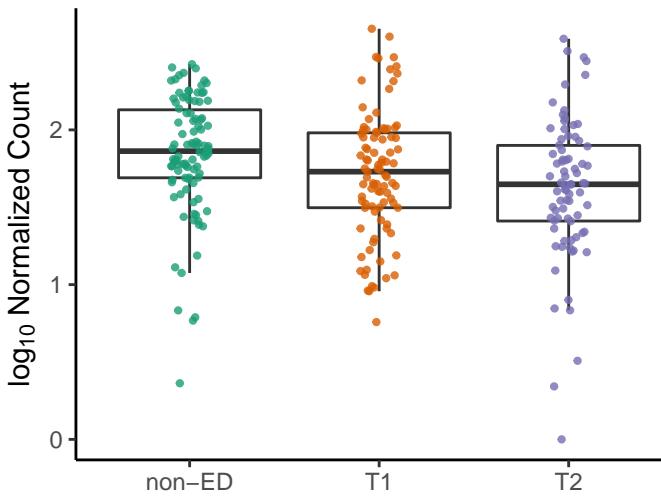
### *Mesorhizobium loti*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.82



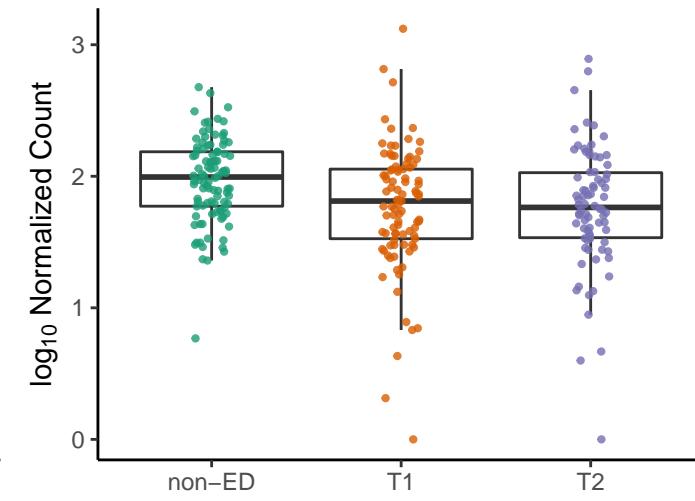
### *Leptotrichia* sp. oral taxon 847

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.7



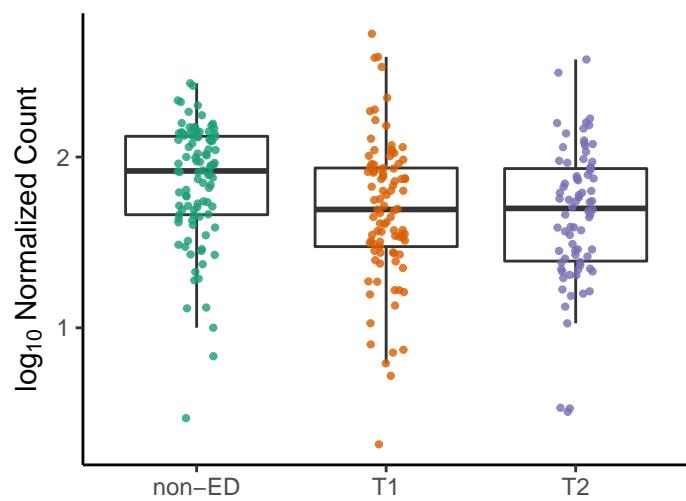
### *Advenella kashmirensis*

non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.79



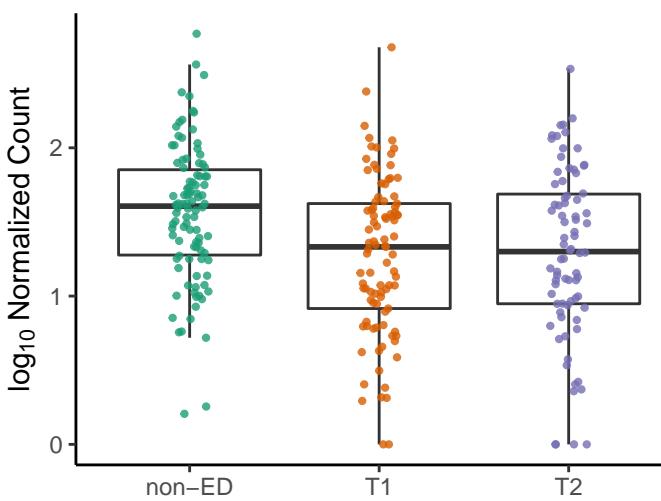
### *Caldicellulosiruptor saccharolyticus*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.86



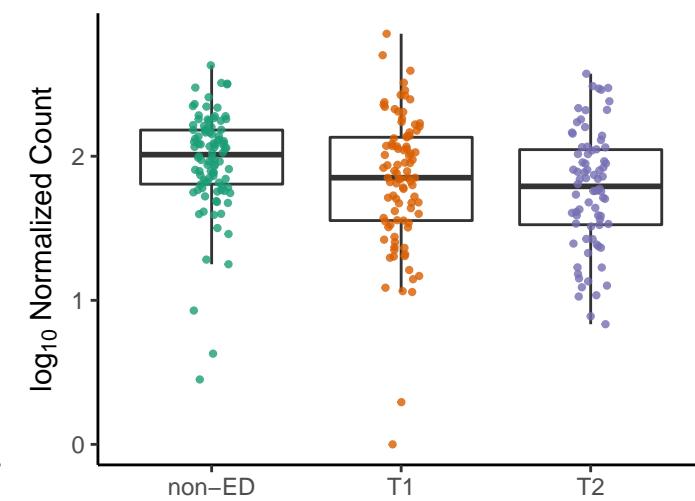
### *Pseudarthrobacter* sp. NIBRBAC000502

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.8



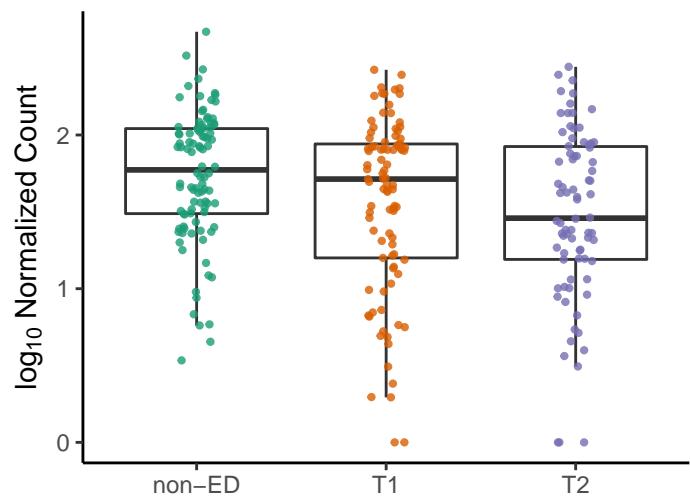
### *Salinivirga cyanobacterivorans*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.77



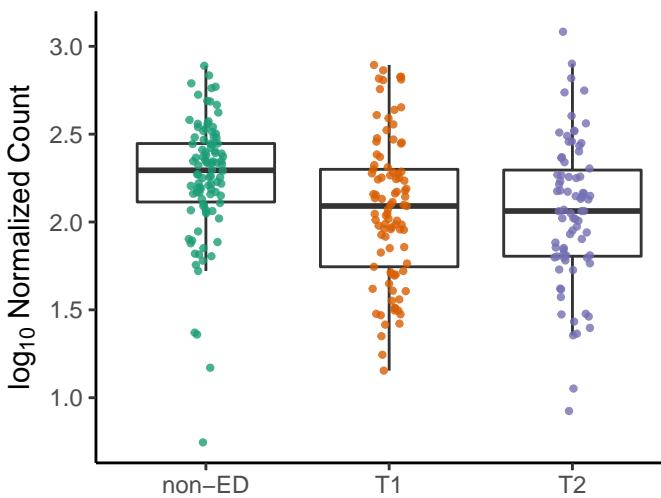
### *Thauera aromatic*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.0091  
 T1 vs. T2 adjusted p = 0.8



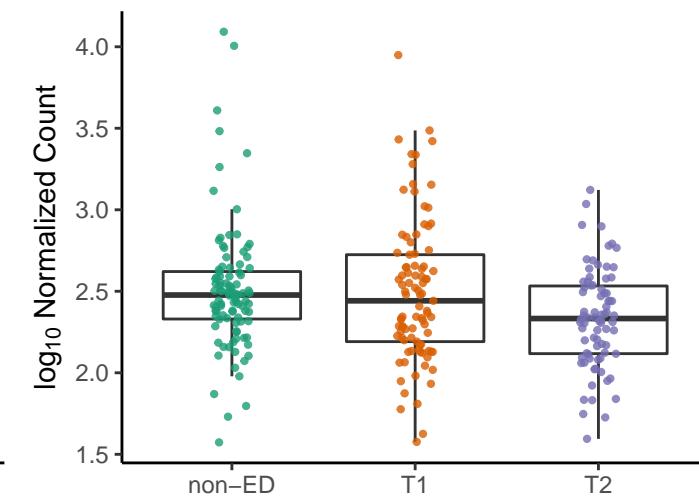
### *Leptotrichia* sp. oral taxon 212

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.91



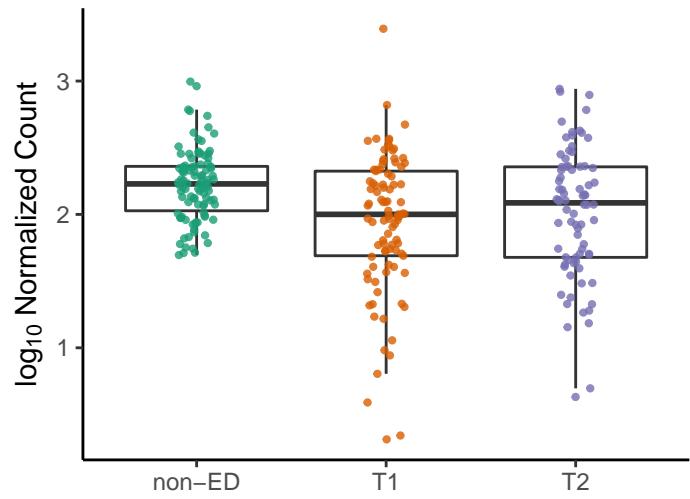
### *Enterobacter cloacae*

non-ED vs. T1 adjusted p = 0.85  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.29



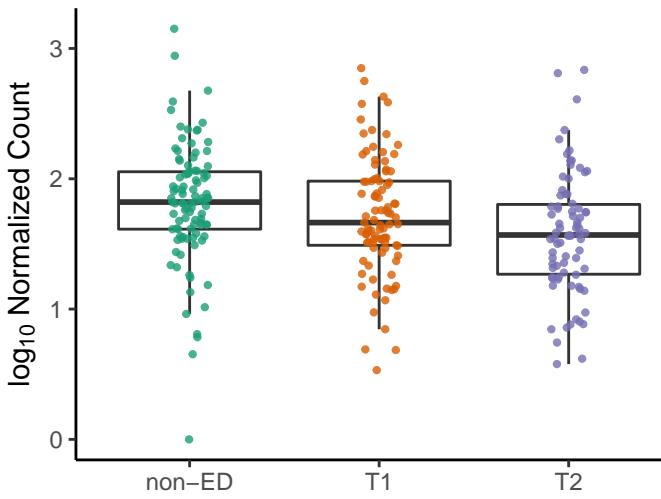
### *Ornithinimicrobium* sp. AMA3305

non-ED vs. T1 adjusted p = 5e-04  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.61



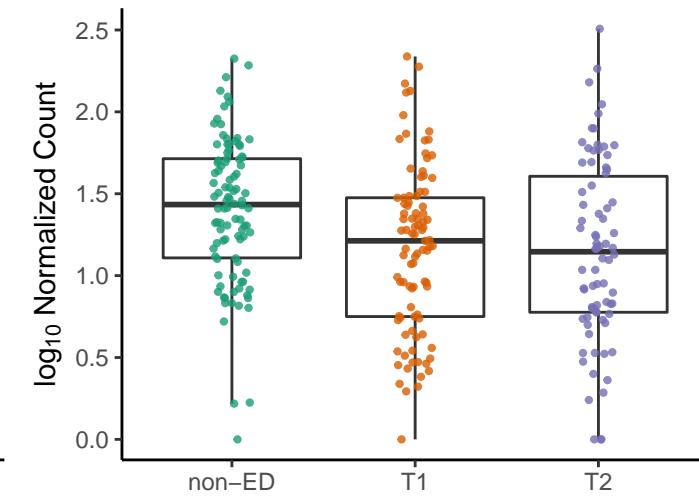
### *Arcobacter* molluscorum

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.5



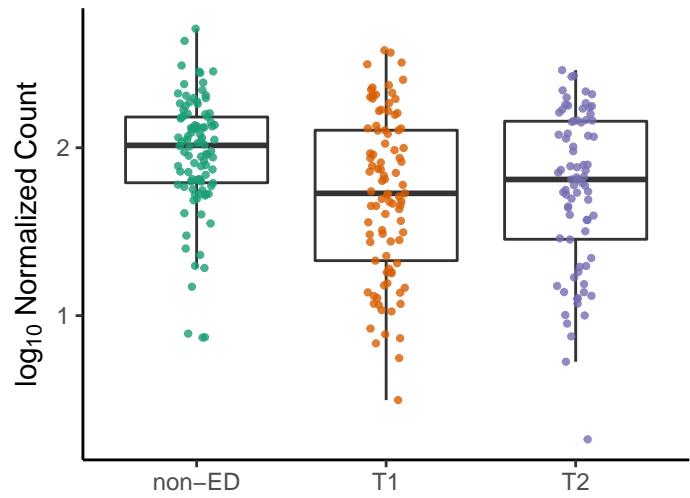
### *Candidatus Phycorickettsia trachydisci*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.85



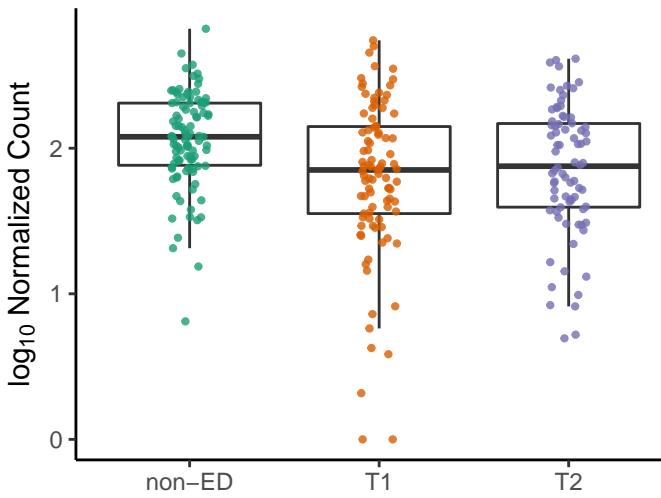
### *Sedimentitalea* sp. W43

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.79



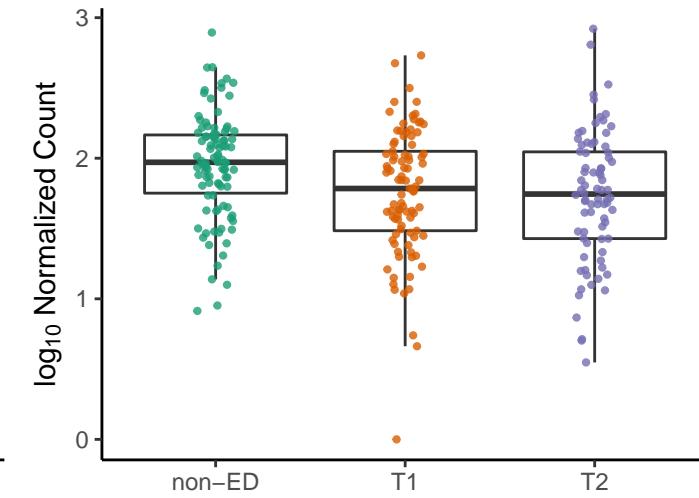
### *Variovorax* sp. WDL1

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.67



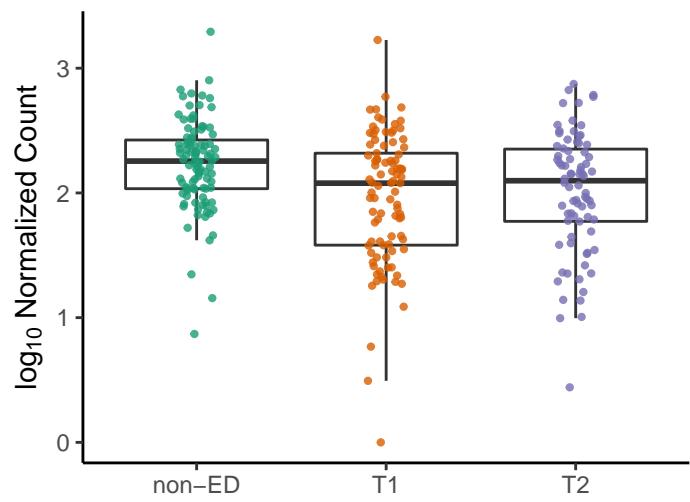
### *Alcaligenaceae* bacterium SJ-26

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.88



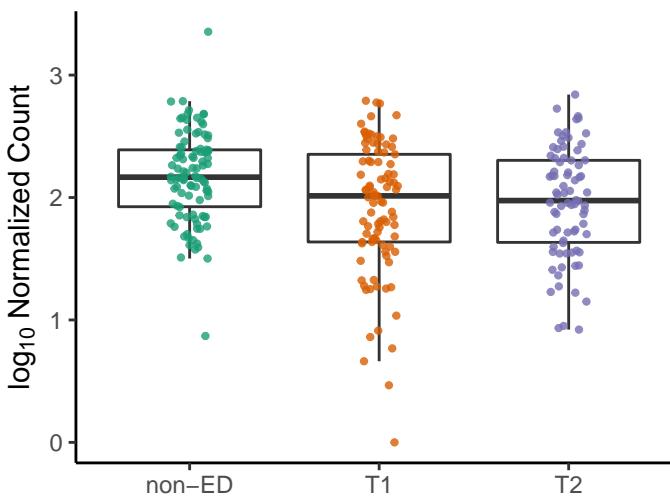
### *Phreatobacter cathodiphilus*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.68



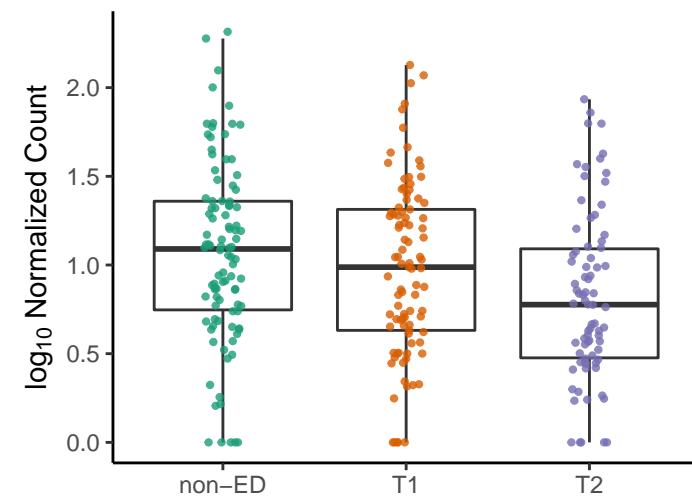
### *Sanguibacter keddieii*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.68



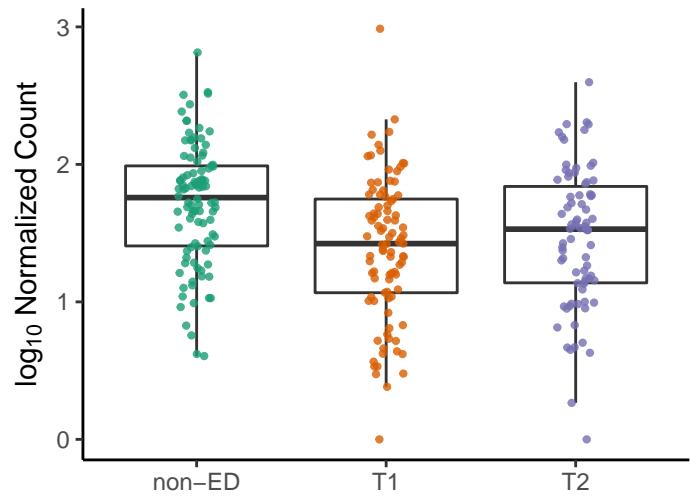
### *Candidatus Kinetoplastibacterium onco*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.38



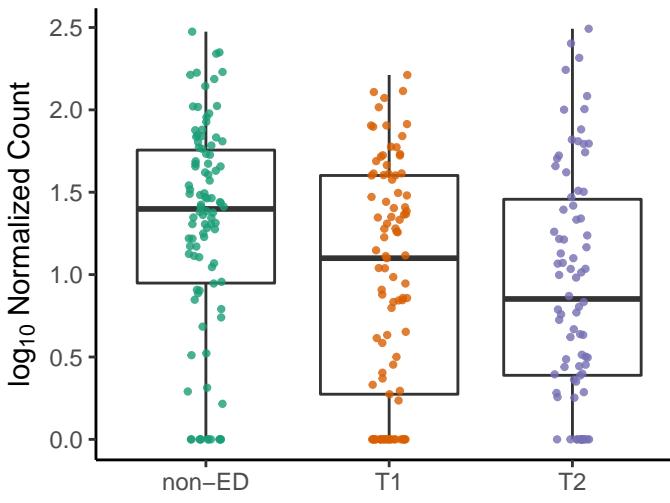
### *Pseudomonas* sp. LPH1

non-ED vs. T1 adjusted p = 0.00042  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.63



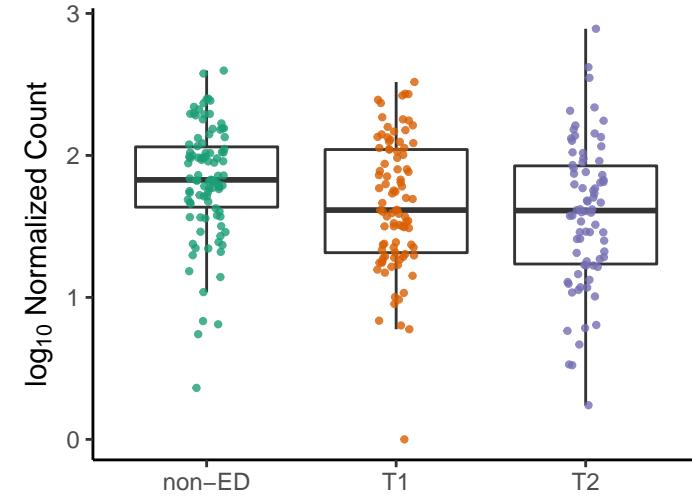
### Unclassified Luteimonas Genus

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.97



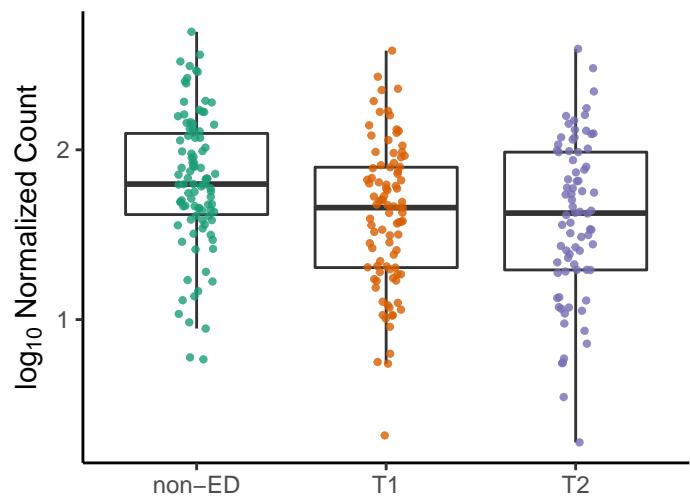
### *Arcobacter nitrofigilis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.66



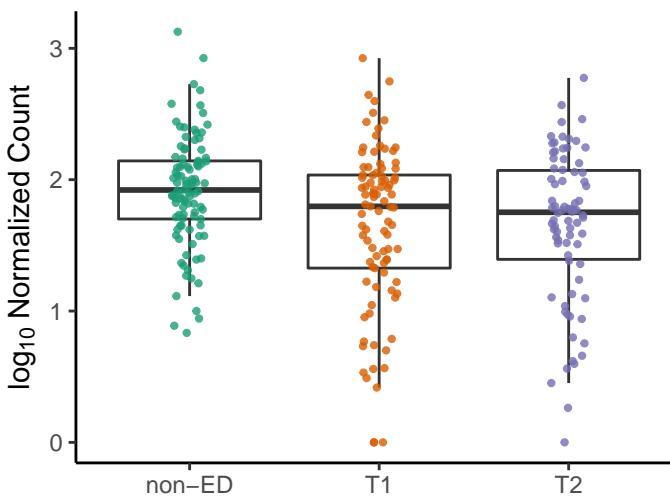
### *Chloroflexus aggregans*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.98



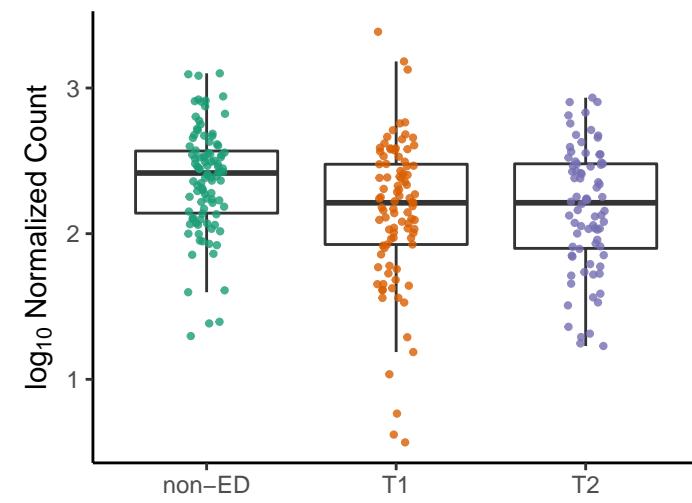
### *Sphingomonas taxi*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.91



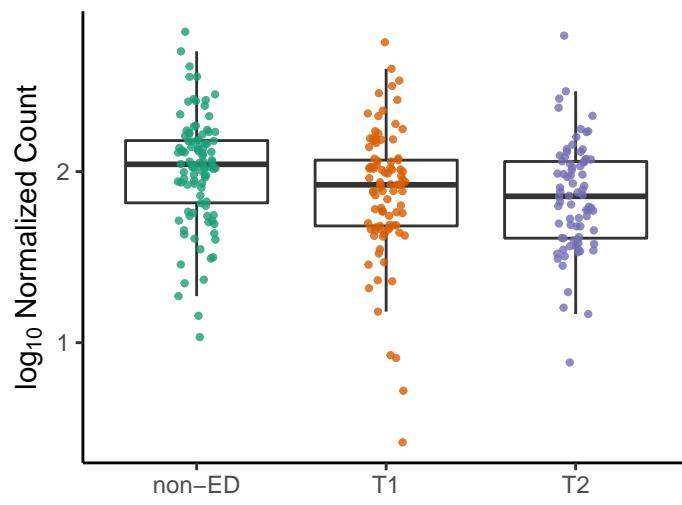
### *Xylophilus* sp. KACC 21265

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.76



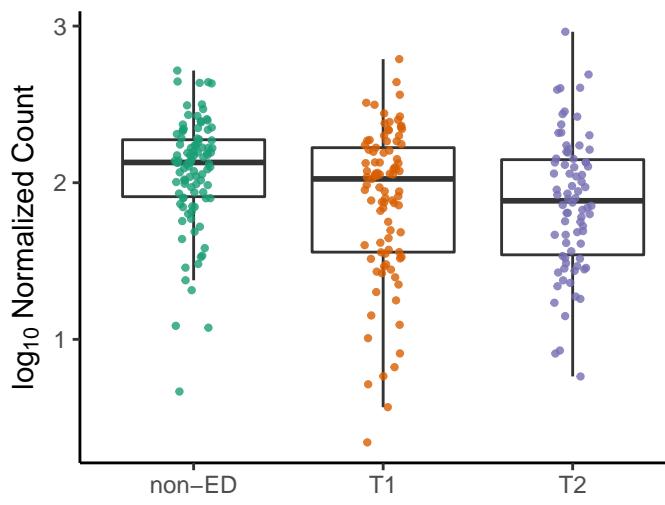
### *Listeria grayi*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.86



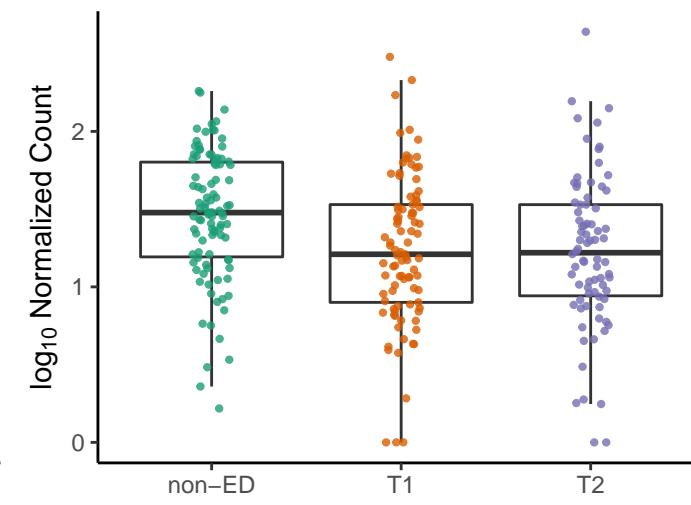
### *Planctomycetes bacterium I41*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 1



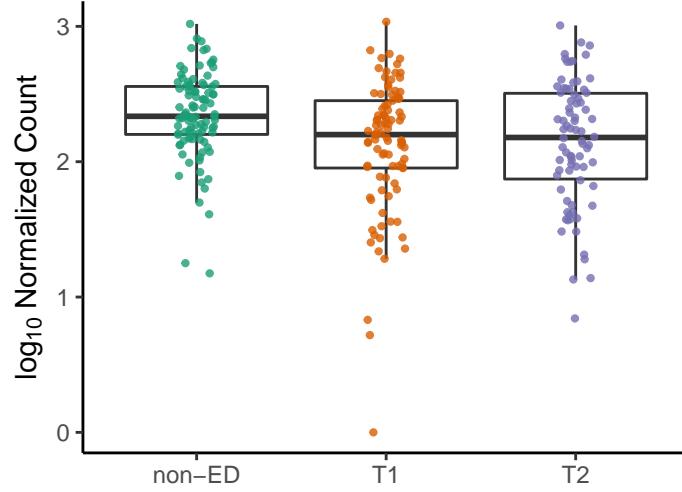
### *Streptococcus sp. HSISB1*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.98



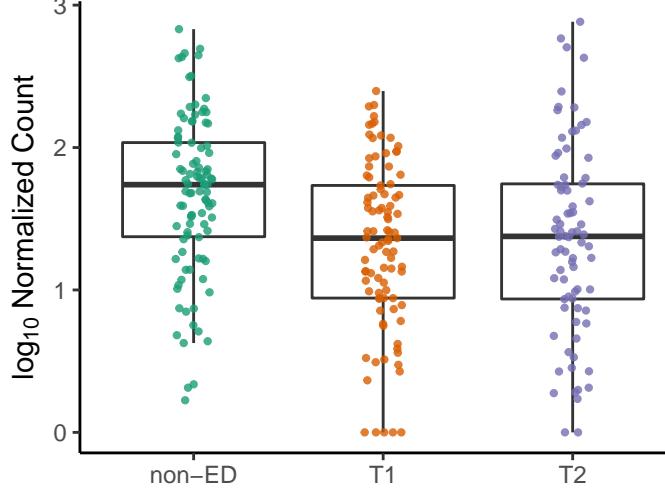
### Unclassified Sphingomonas Genus

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.79



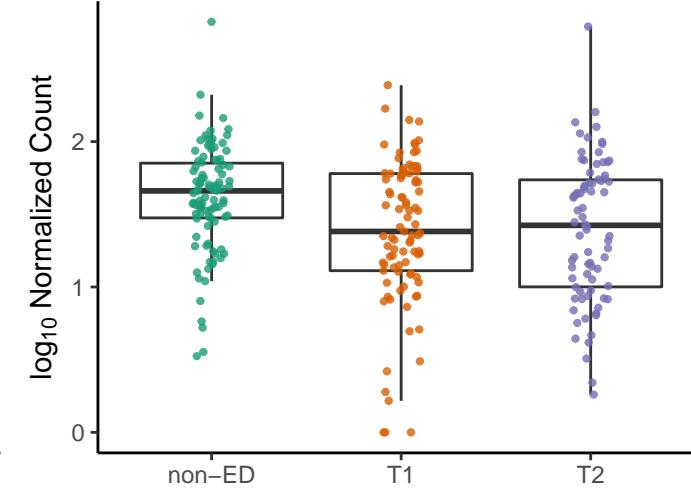
### *Burkholderia* sp. LA-2-3-30-S1-D2

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.81



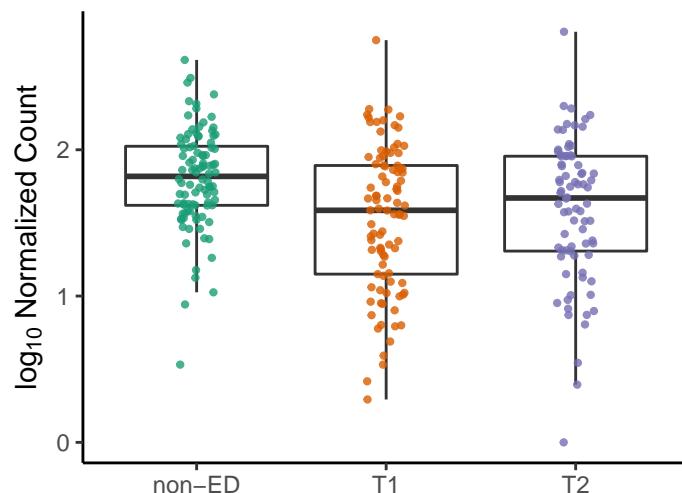
### *Clostridium ljungdahlii*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.87



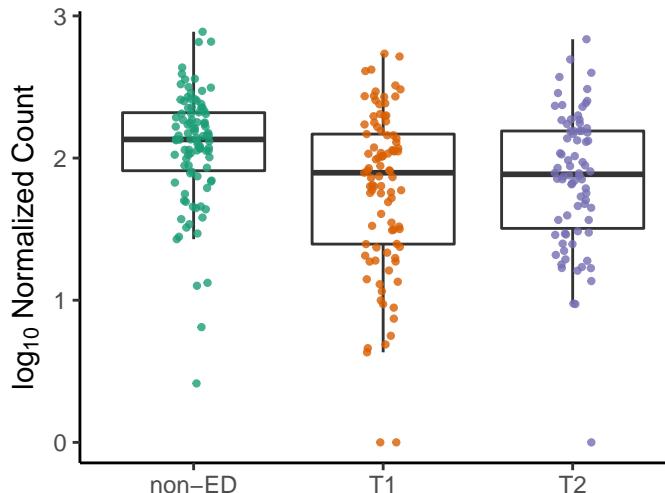
### *Corynebacterium mustelae*

non-ED vs. T1 adjusted p = 0.00082  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.73



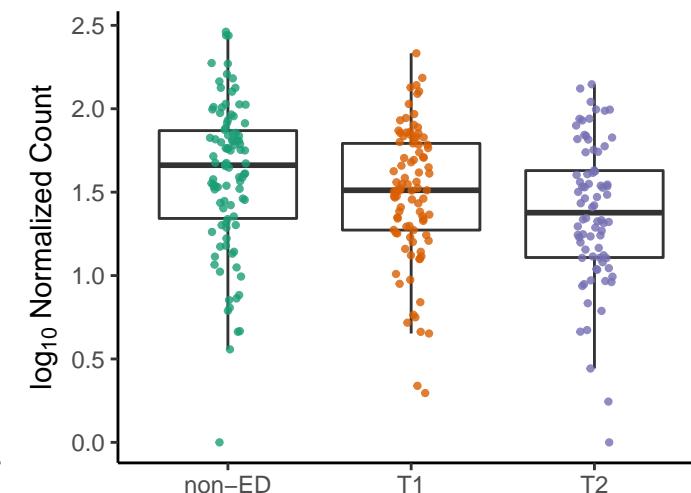
### *Mycobacterium phlei*

non-ED vs. T1 adjusted p = 0.0015  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.7



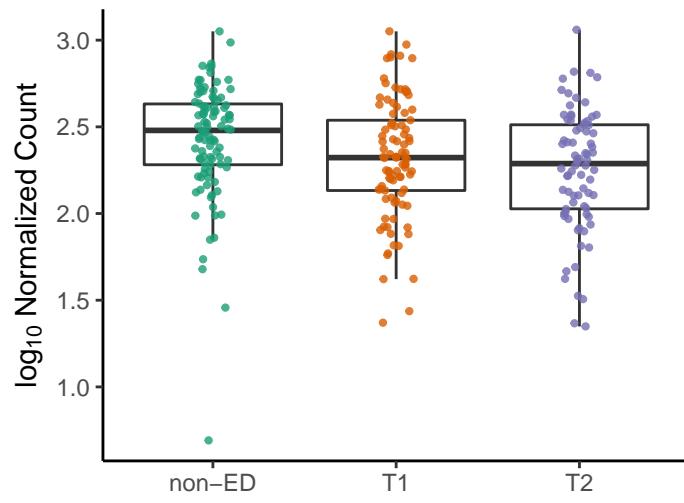
### *Silvanigrella aquatica*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.62



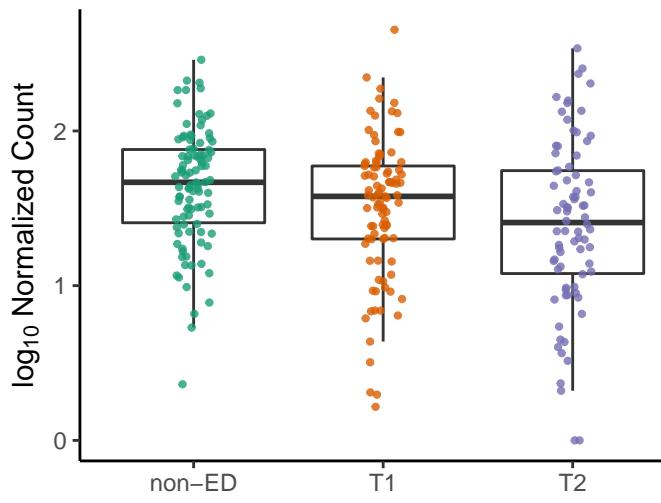
### *Clostridium* sp. JN500901

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.68



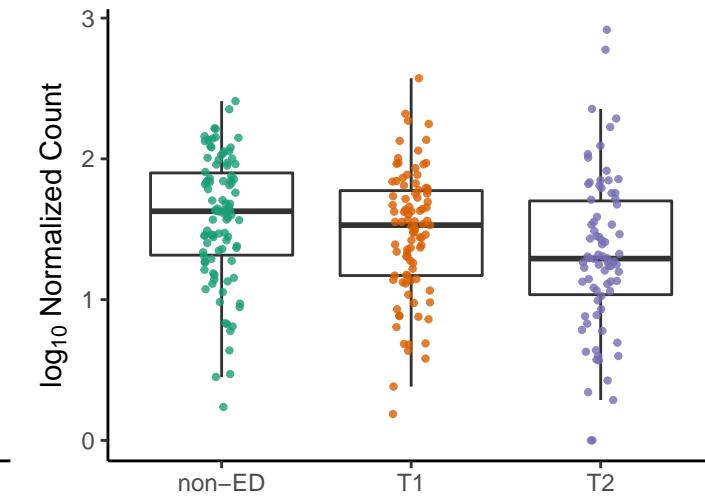
### *Formosa* sp. L2A11

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.67



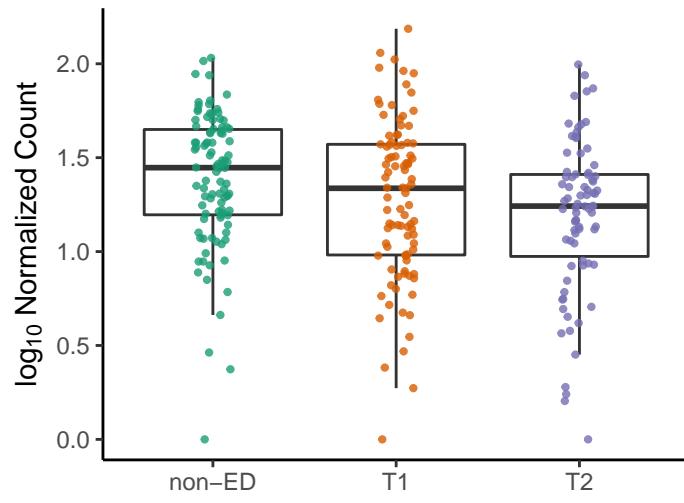
### *Parashewanella tropica*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.63



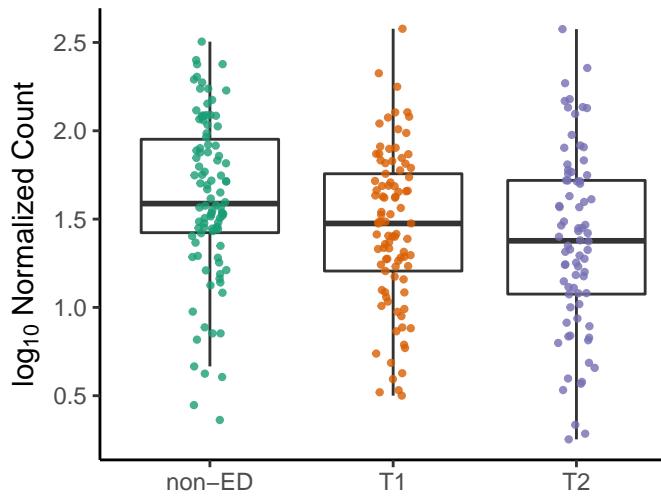
### *Helicobacter canis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.63



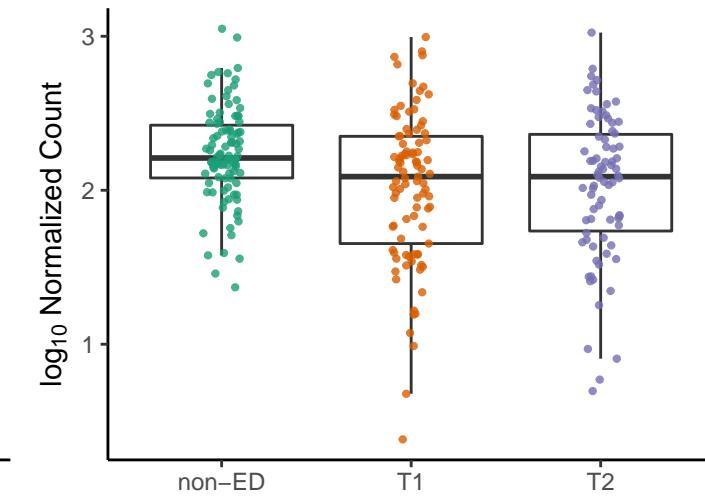
### *Mycoplasma anserisalpingitidis*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.79



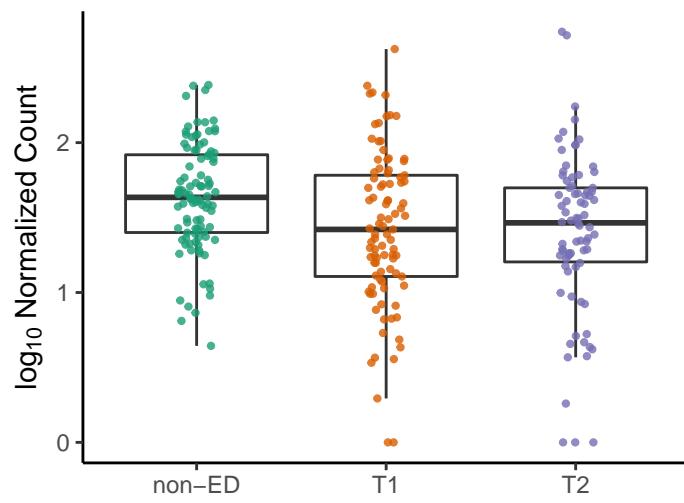
### *Planctomycetes bacterium Pla85\_3\_4*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.81



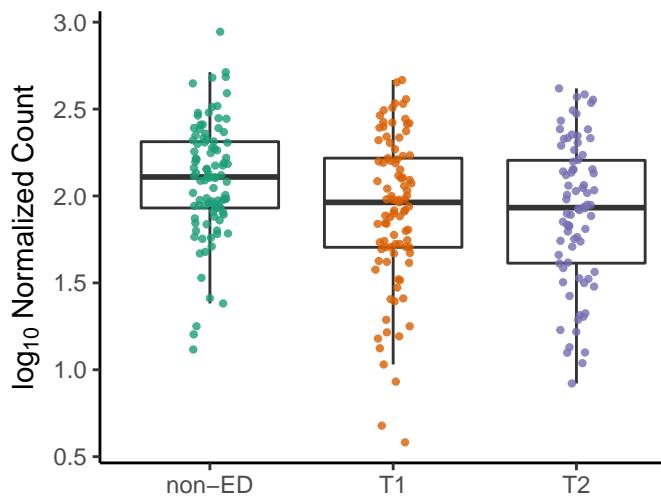
### *Halomonas* sp. GFAJ-1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0098  
 T1 vs. T2 adjusted p = 0.98



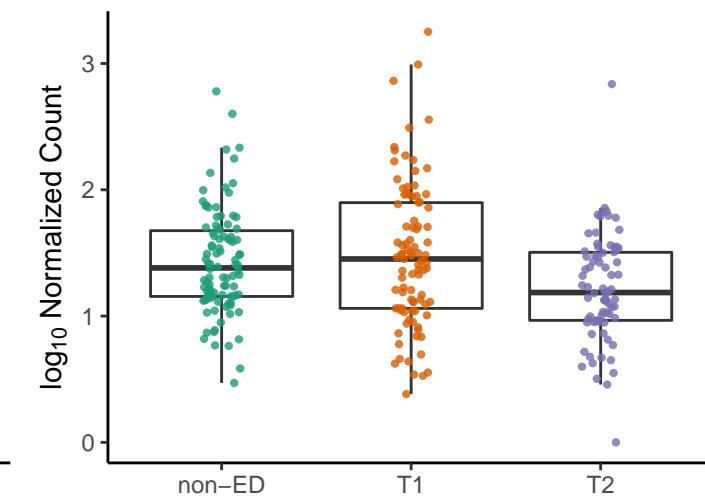
### *Microbulbifer hydrolyticus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0098  
 T1 vs. T2 adjusted p = 0.9



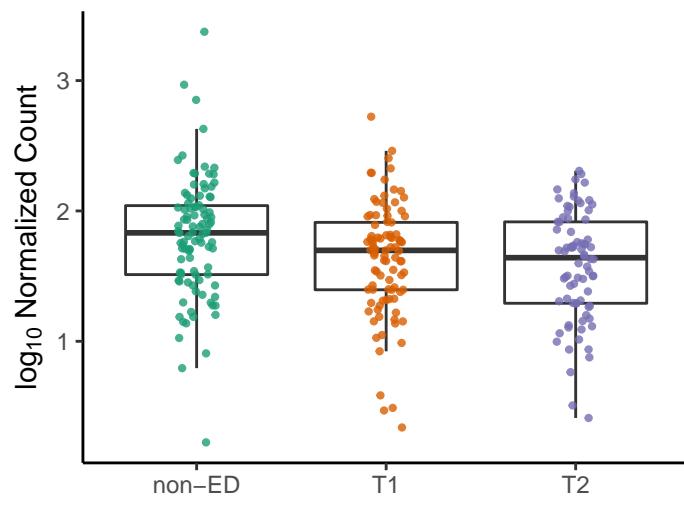
### *Citrobacter* sp. TSA-1

non-ED vs. T1 adjusted p = 0.58  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.026



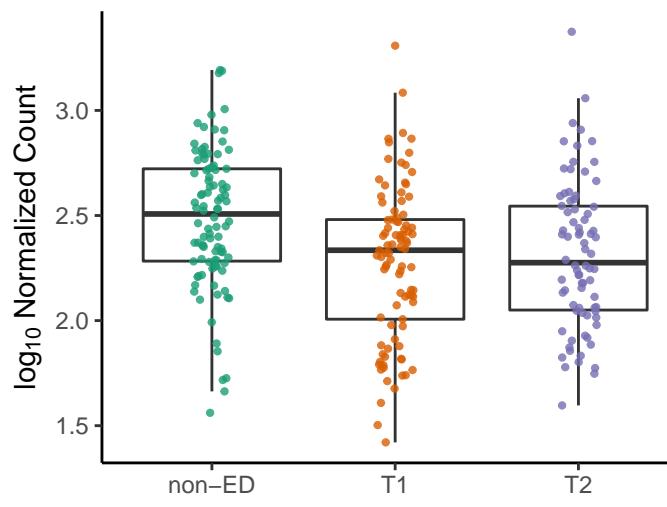
### *Gramella forsetii*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.7



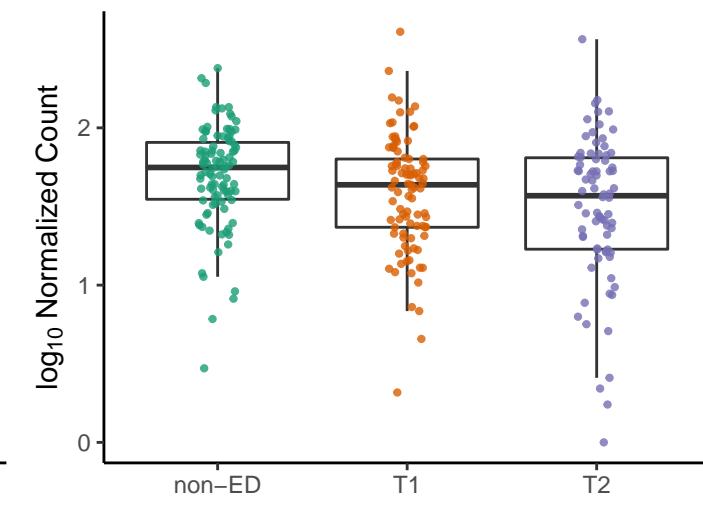
### *Heliorestis convoluta*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.71



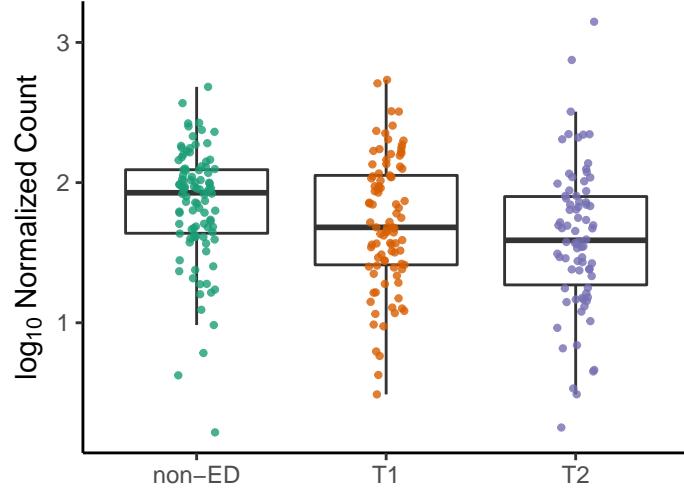
### *Neisseriaceae bacterium DSM 100970*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.7



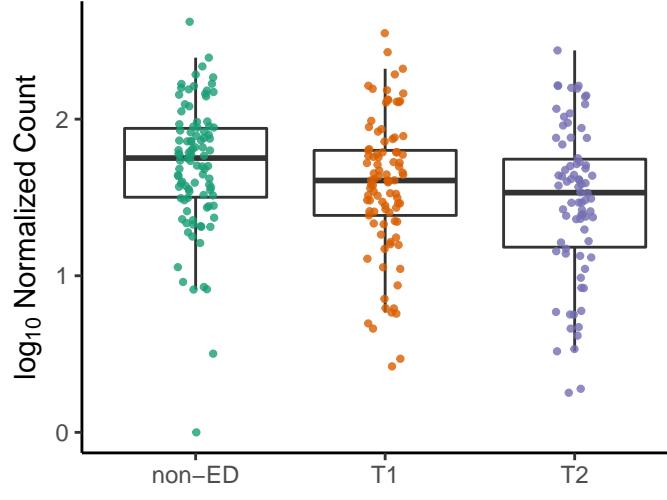
### *Polaribacter sp. KT25b*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.66



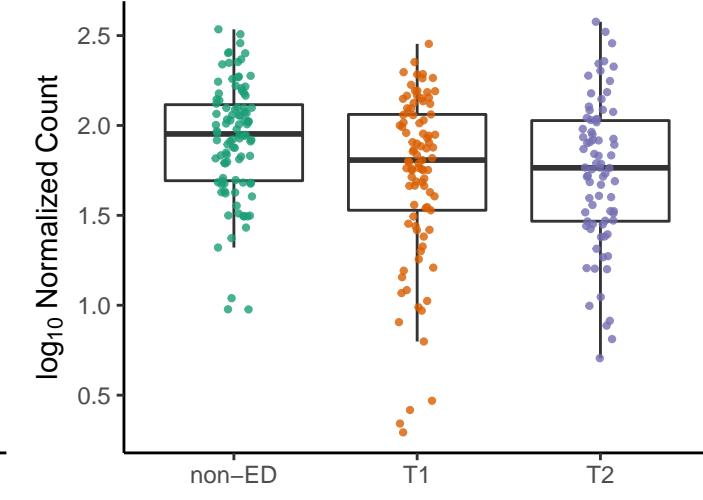
### Unclassified Mesoflavibacter Genus

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.63



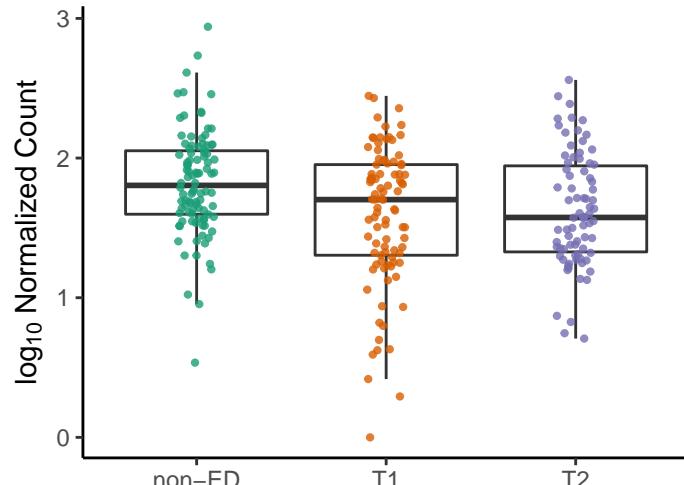
### *Methylovulum psychrotolerans*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.82



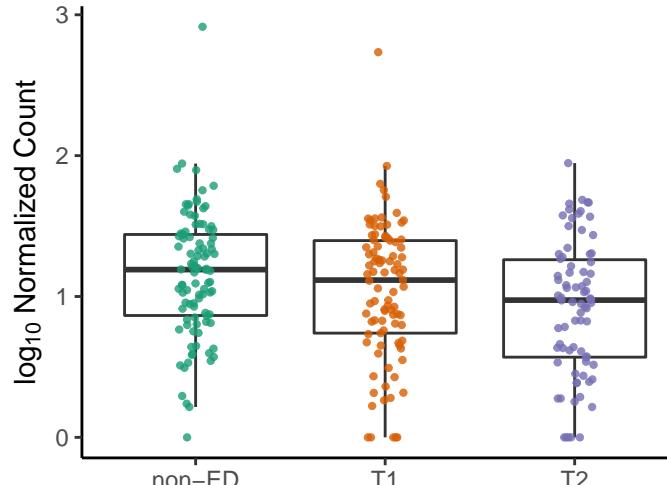
### *Thalassococcus sp. S3*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.73



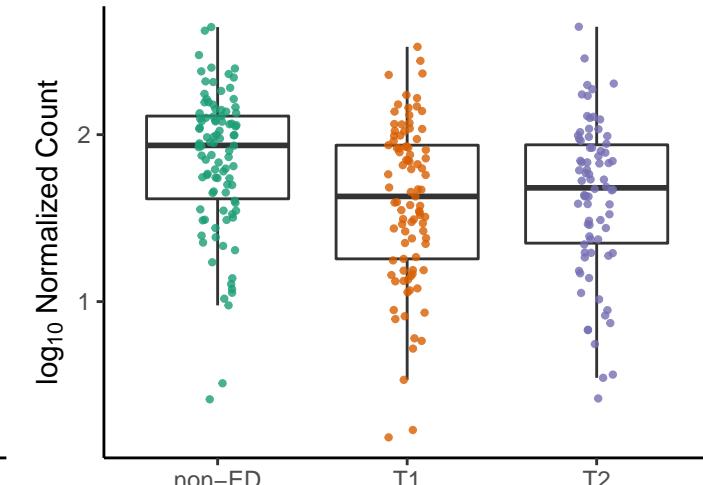
### *Kangiella geojedonensis*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.63



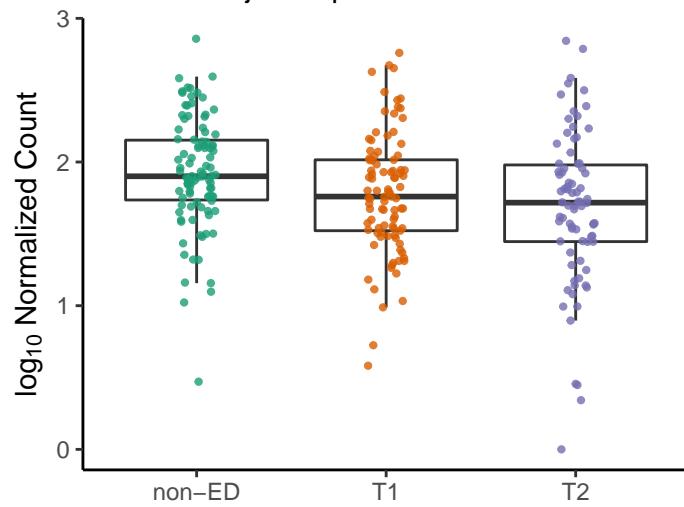
### *Gluconobacter albidus*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.76



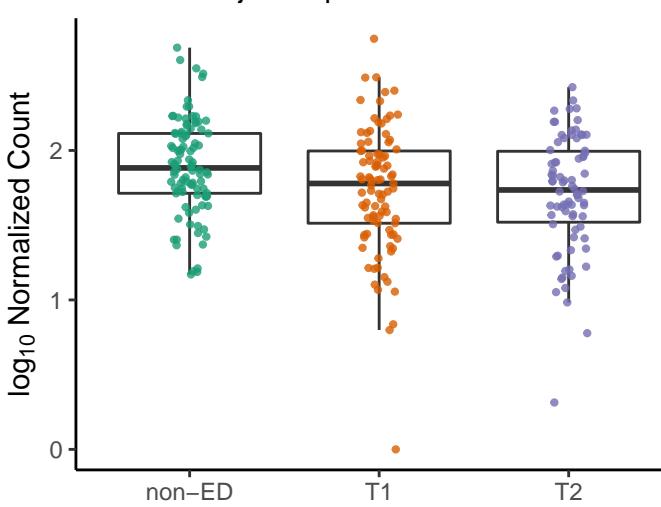
### *Acholeplasma palmae*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.74



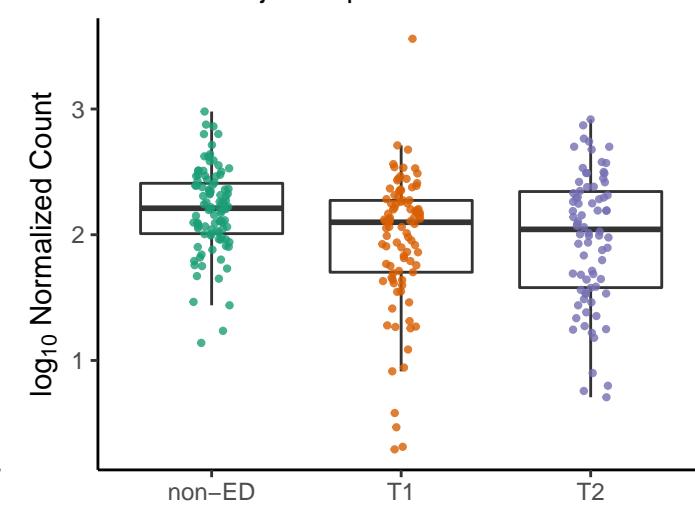
### *Rhizobium tropici*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.99



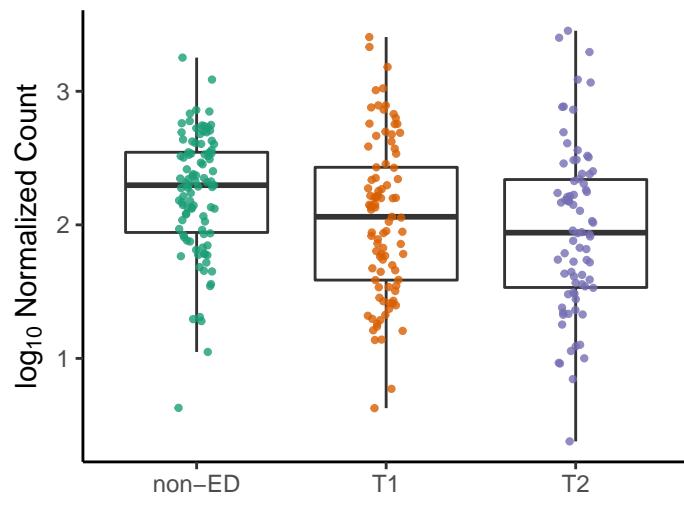
### *Rhodovulum sulfidophilum*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.77



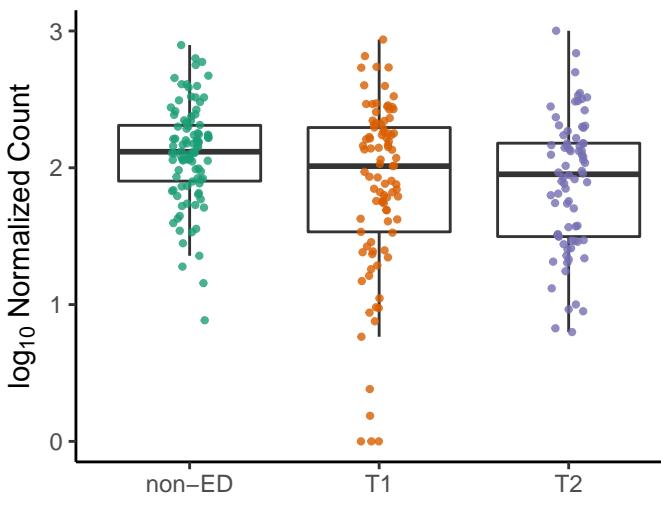
### Unclassified Rickettsia Genus

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.79



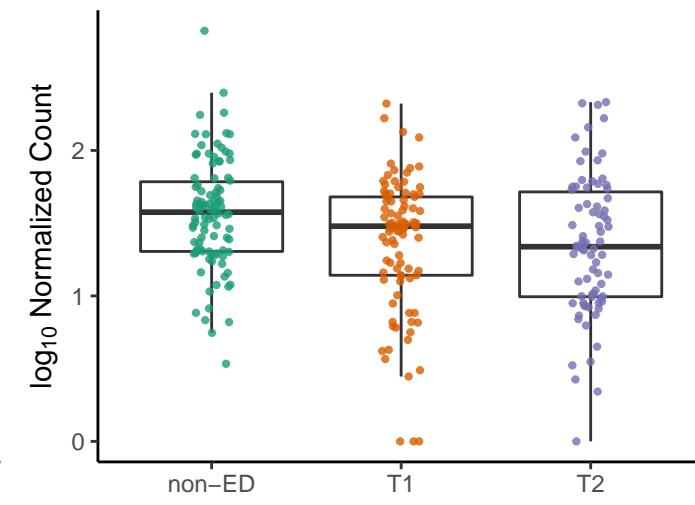
### *Thauera* sp. MZ1T

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.77



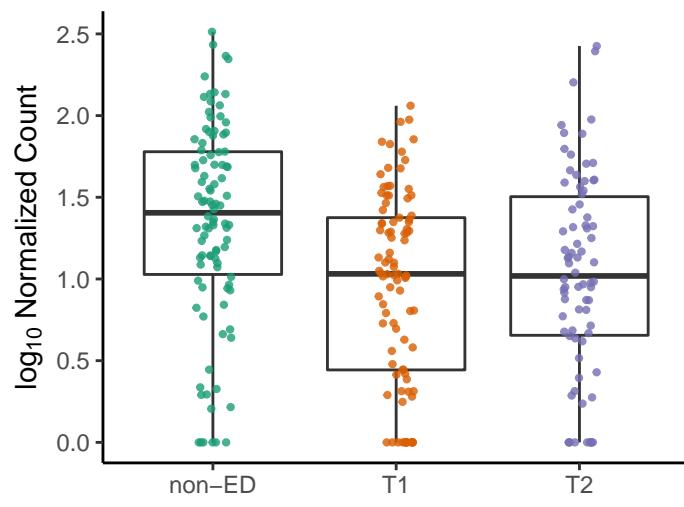
### *Methylomonas clara*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.9



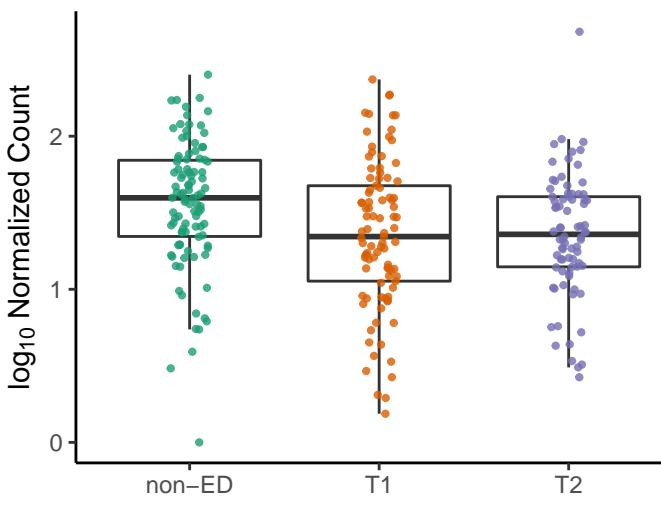
### *Pseudomonas* sp. DTU12.1

non-ED vs. T1 adjusted p = 0.00084  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.84



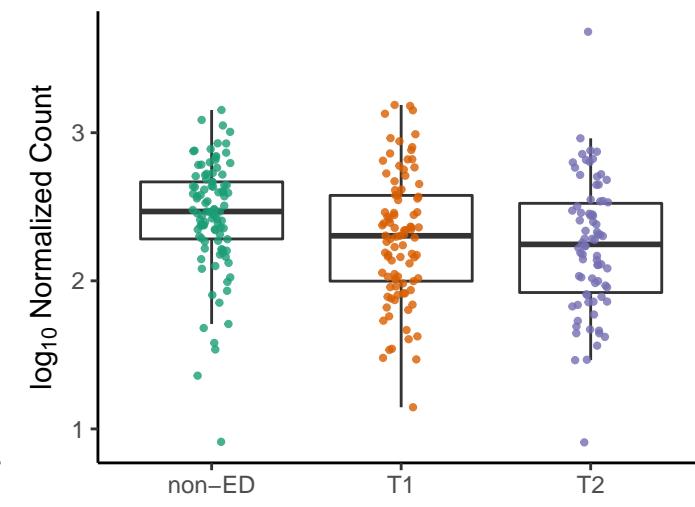
### *Yersinia similis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.97



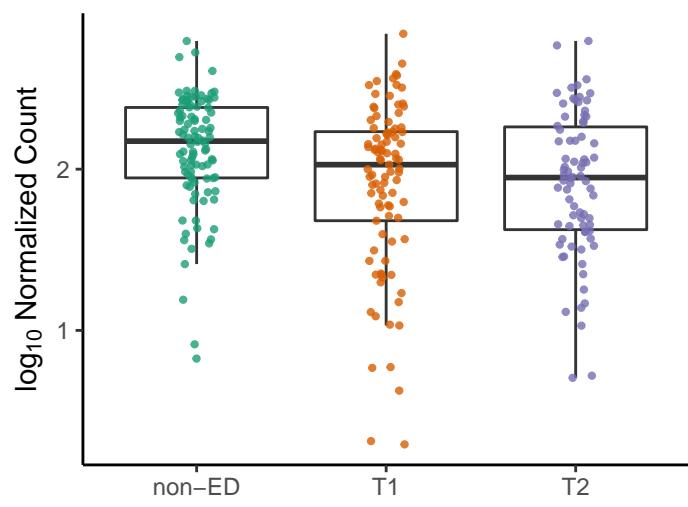
### *Clostridium taeniosporum*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.73



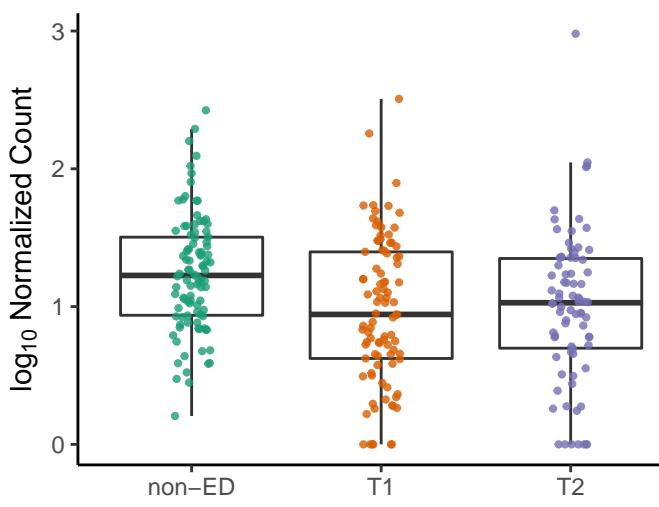
### *Nocardia arthritidis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.78



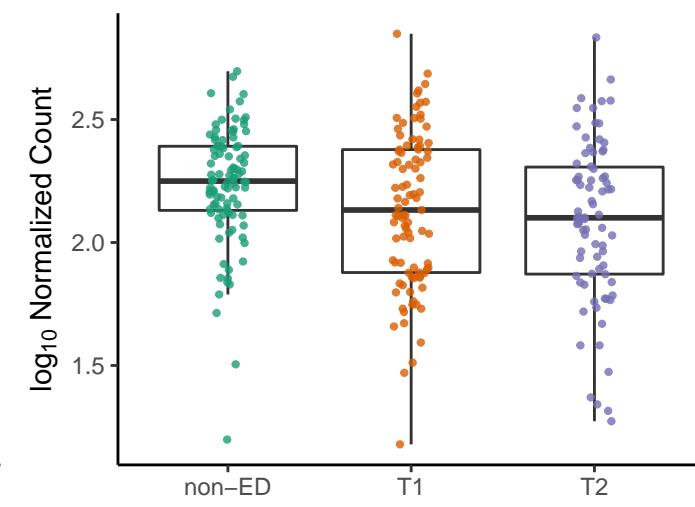
### *Methylovorus glucosotrophus*

non-ED vs. T1 adjusted p = 0.0031  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.89



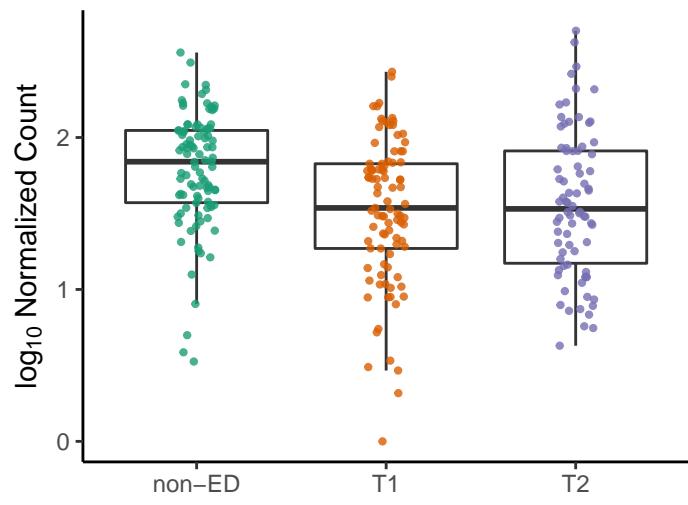
### *Fictibacillus arsenicus*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.84



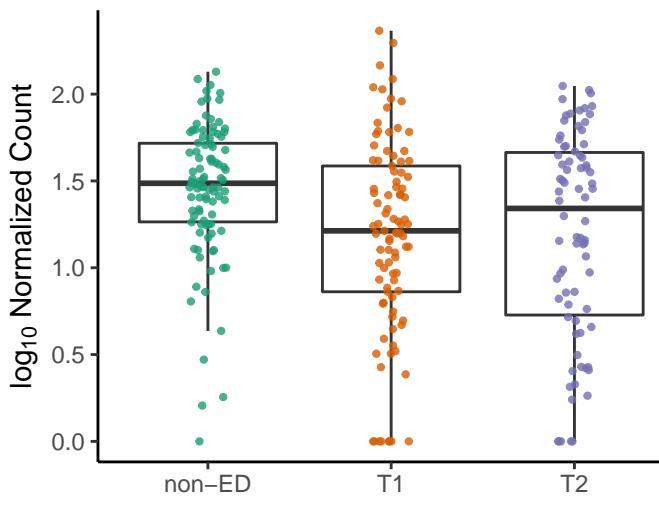
### Unclassified Natrialbaceae Family

non-ED vs. T1 adjusted p = 0.0012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.7



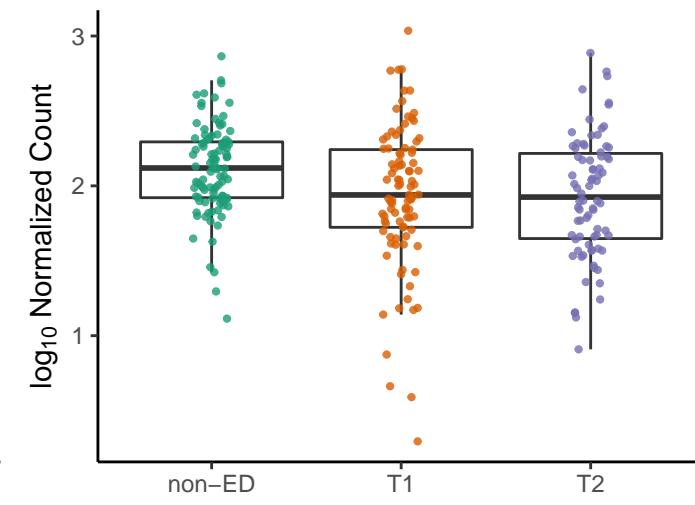
### Unclassified Desulfomicrobium Genus

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.84



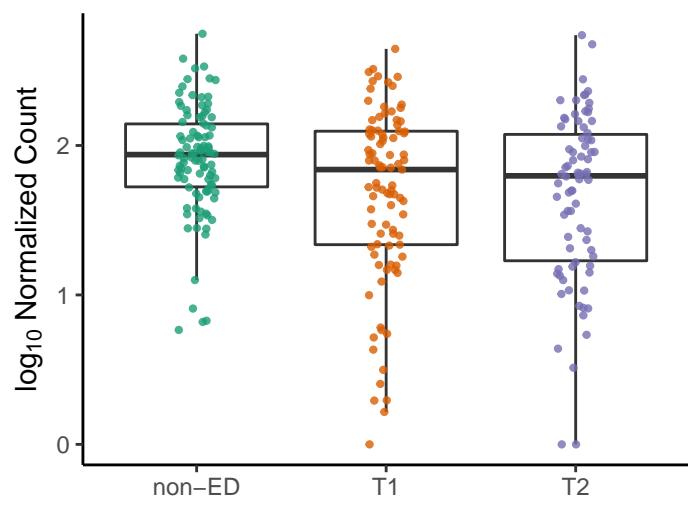
### *Egibacter rhizosphaerae*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.88



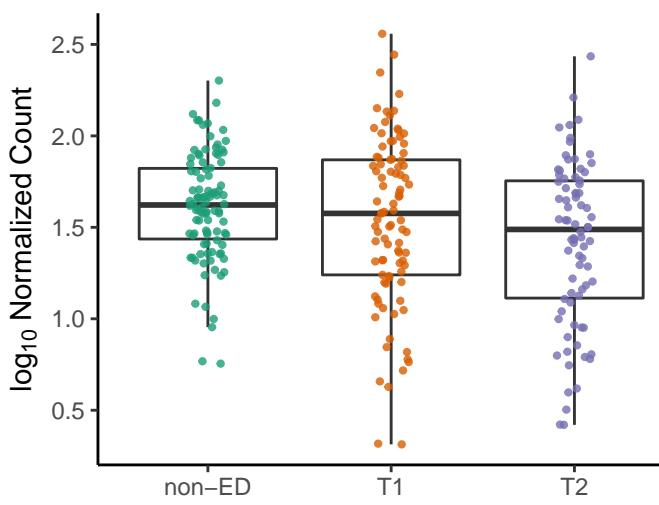
### *Gordonia phthalatica*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.97



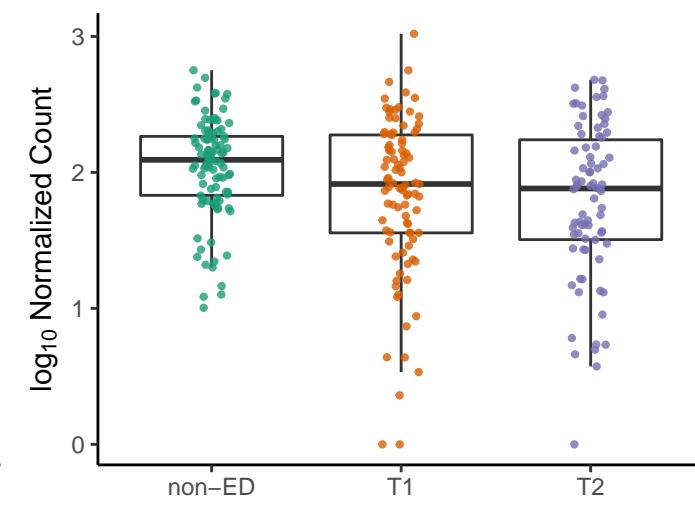
### *Pandorea sputorum*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.55



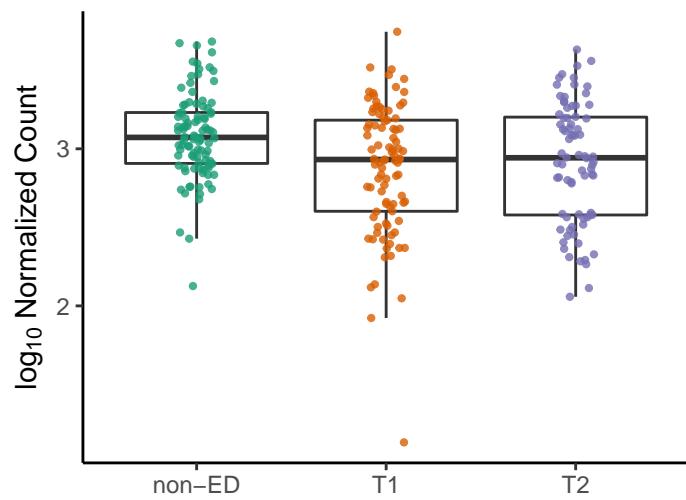
### *Streptomyces* sp. 2323.1

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 1



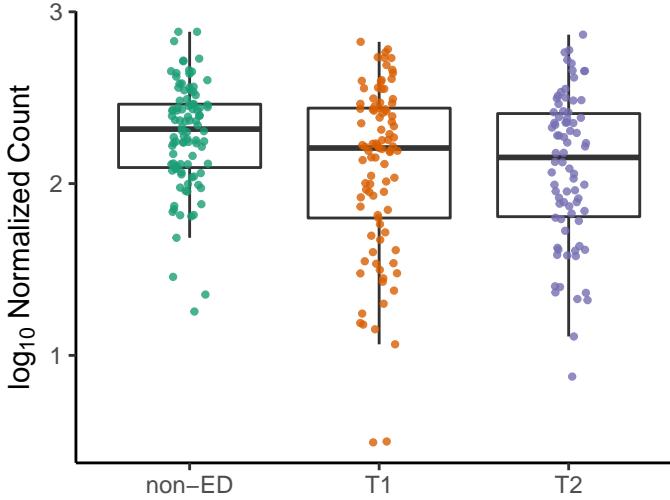
### Unclassified Corynebacterium Genus

non-ED vs. T1 adjusted p = 0.0019  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.7



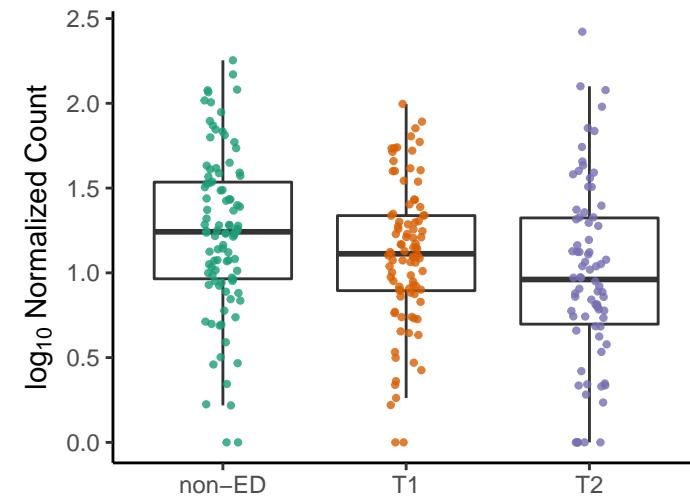
### Unclassified Komagataeibacter Genus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.82



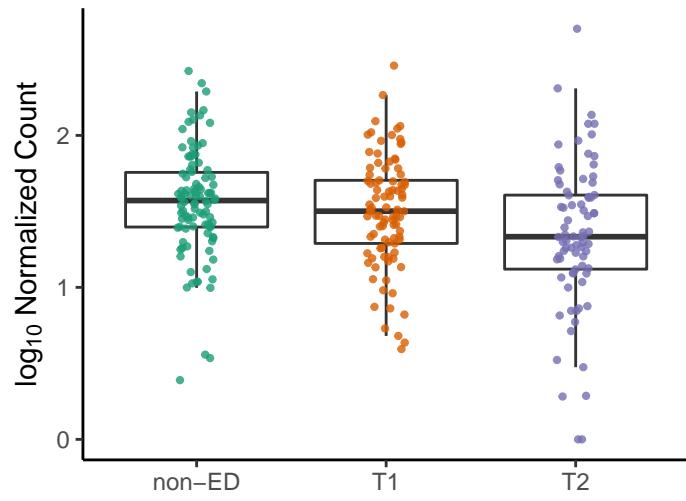
### Candidatus Gullanella endobia

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.62



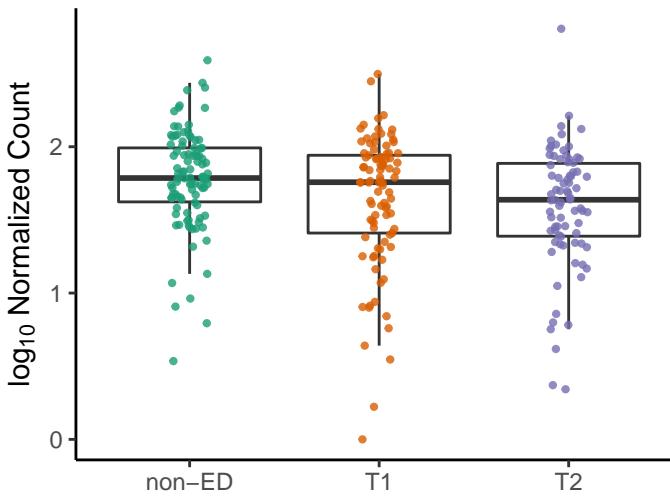
### Tatumella sp. TA1

non-ED vs. T1 adjusted p = 0.37  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.31



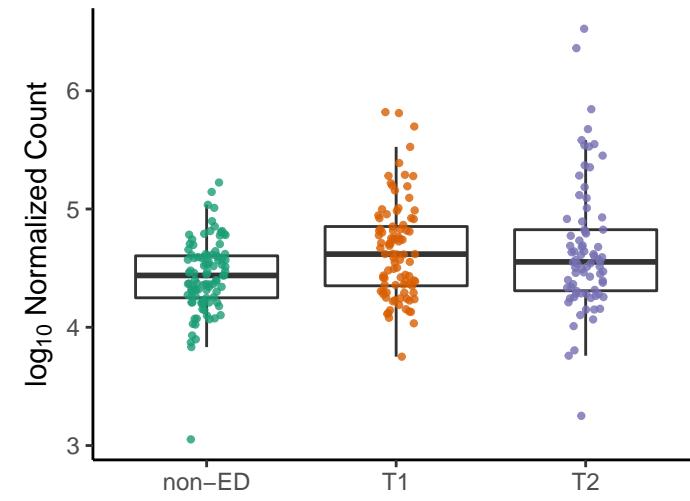
### Unclassified Spirosoma Genus

non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.67



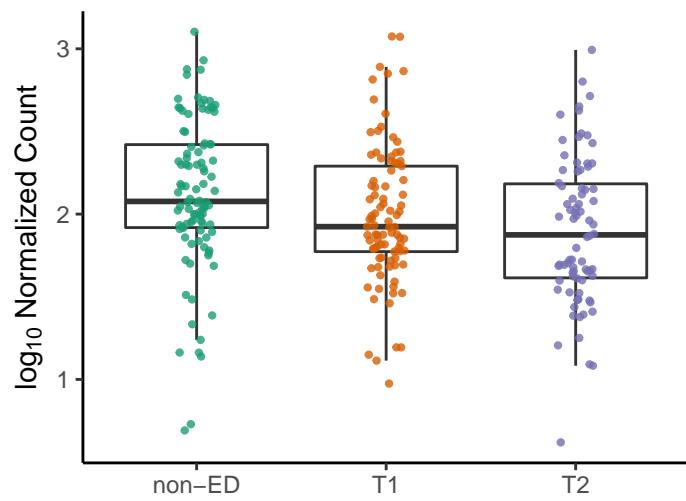
### Blautia producta

non-ED vs. T1 adjusted p = 0.0017  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.96



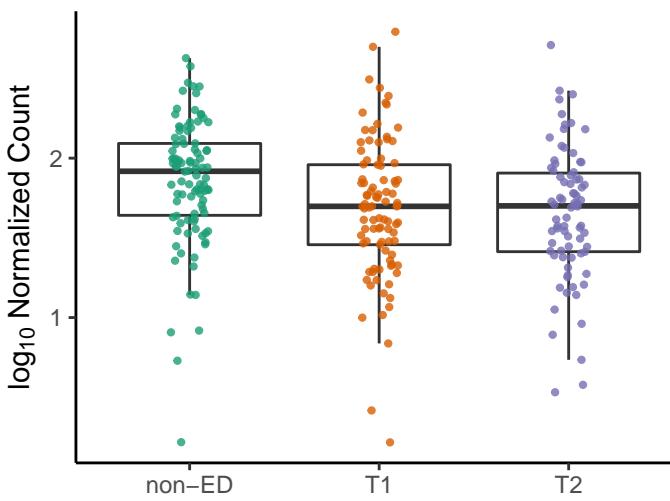
### Unclassified Spiroplasma Genus

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.66



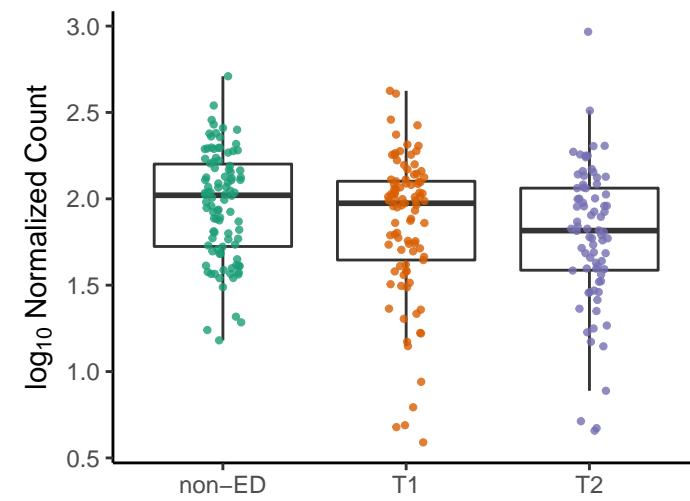
### Silvanigrellales bacterium RF1110005

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



### Vibrio nigripulchritudo

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.75

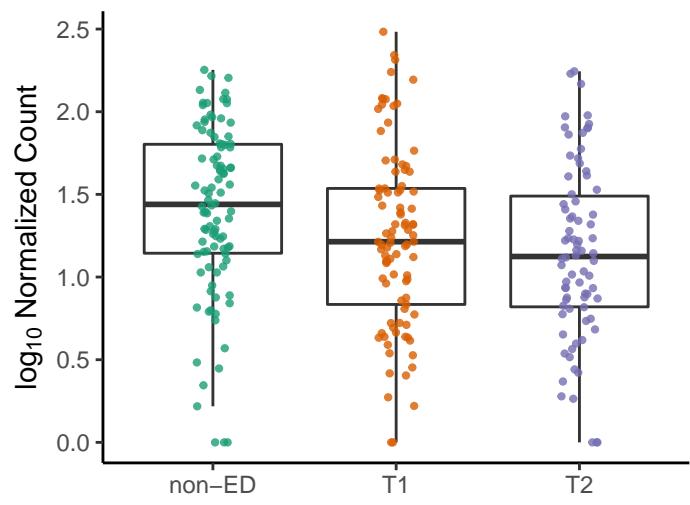


### *Candidatus Thioglobus singularis*

non-ED vs. T1 adjusted p = 0.086

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.7

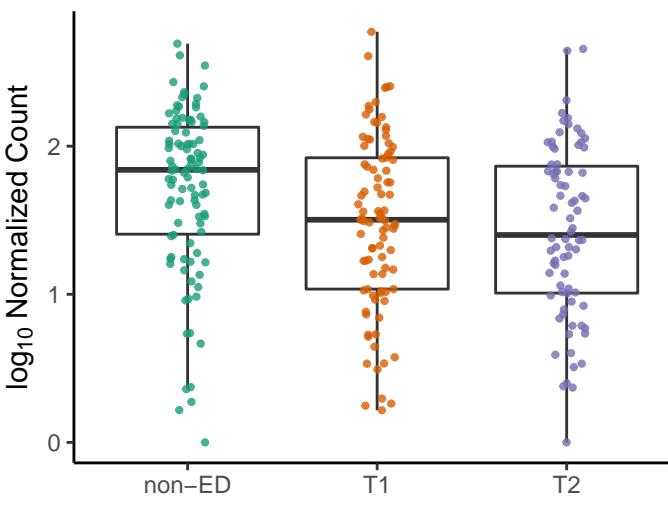


### *Lactobacillus* sp. BHWM-4

non-ED vs. T1 adjusted p = 0.032

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.78

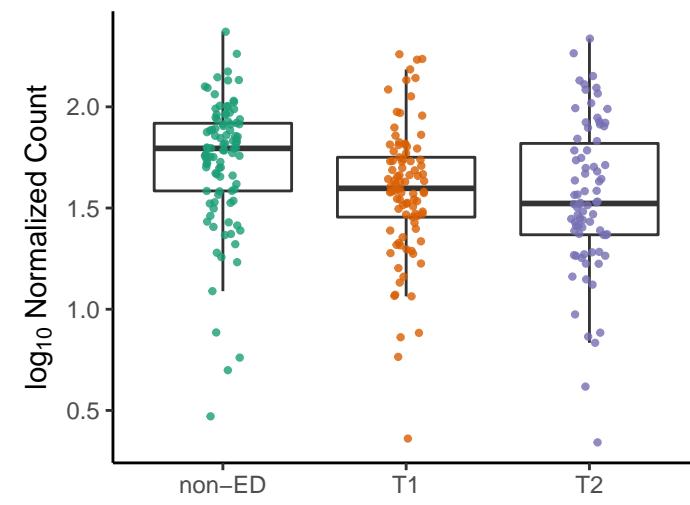


### *Pseudanabaena* sp. ABRG5-3

non-ED vs. T1 adjusted p = 0.017

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

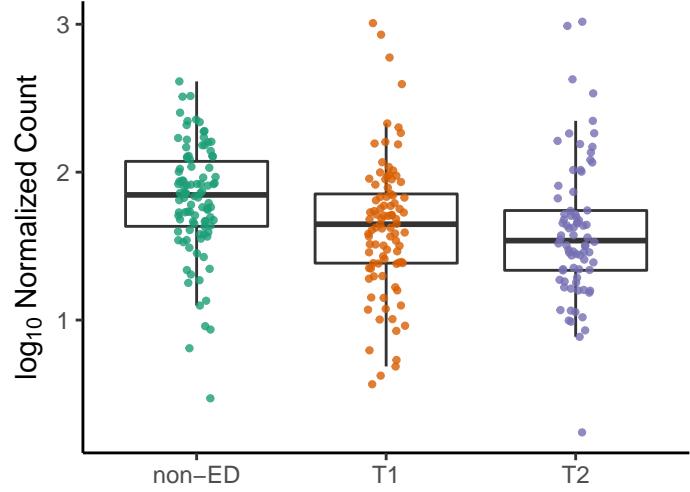


### *Beggiatoa leptomitiformis*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.96

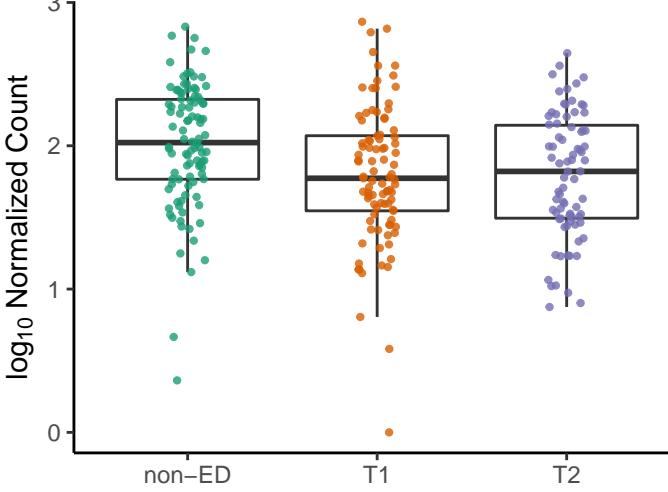


### *Acholeplasma axanthum*

non-ED vs. T1 adjusted p = 0.015

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.9

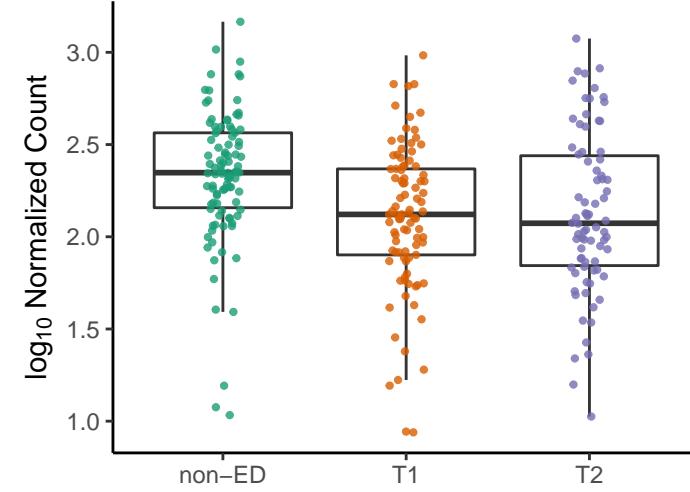


### *Leptotrichia trevisanii*

non-ED vs. T1 adjusted p = 0.002

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.92

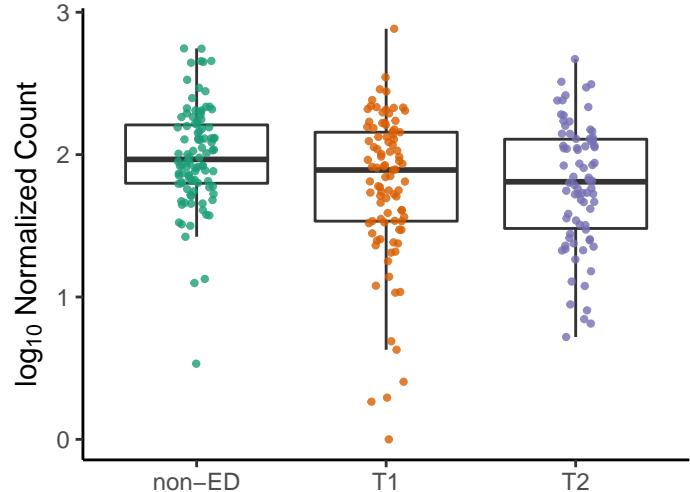


### *Pseudomonas* sp. SCB32

non-ED vs. T1 adjusted p = 0.013

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.89

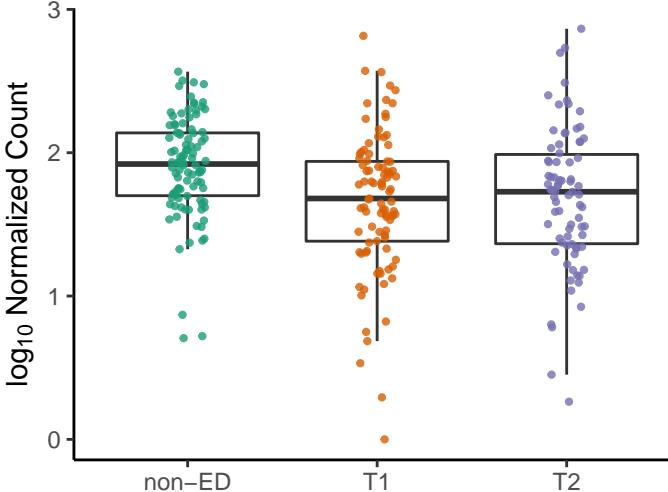


### *Aquitalea* sp. USM4

non-ED vs. T1 adjusted p = 0.0025

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.88

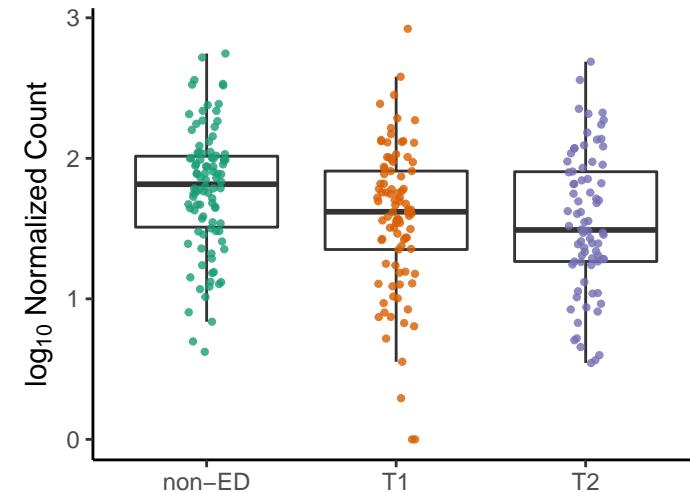


### *Microbacterium endophyticum*

non-ED vs. T1 adjusted p = 0.026

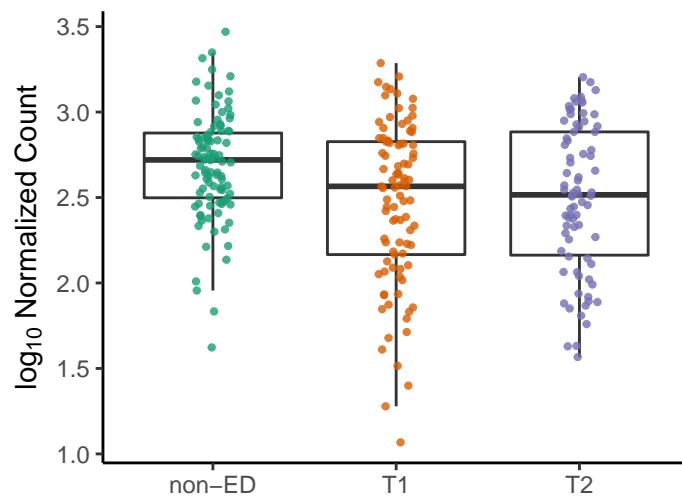
non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.99



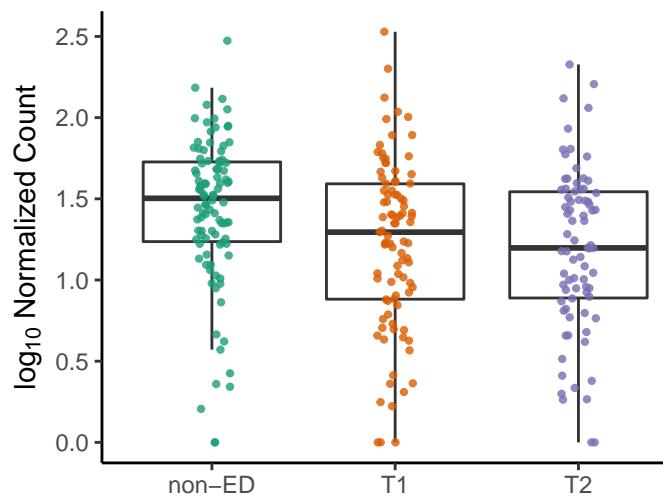
### Unclassified Xanthomonadaceae Famil

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.74



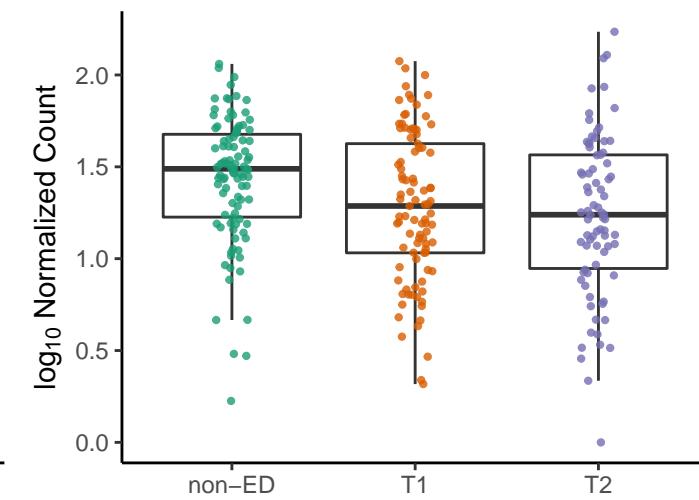
### Unclassified Nitrosomonas Genus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



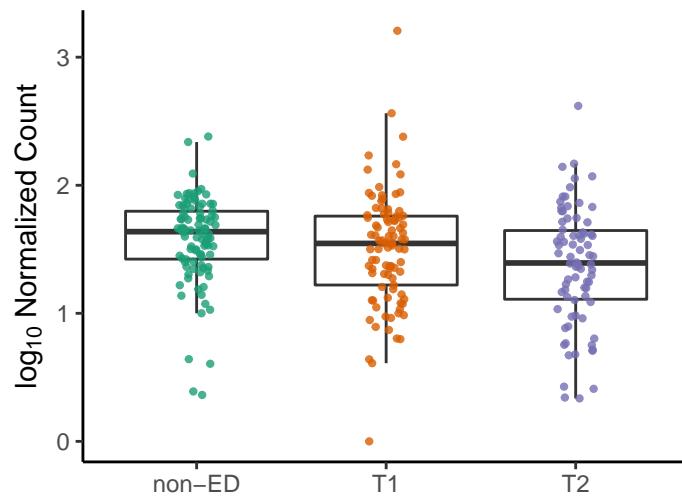
### Cetia pacifica

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.72



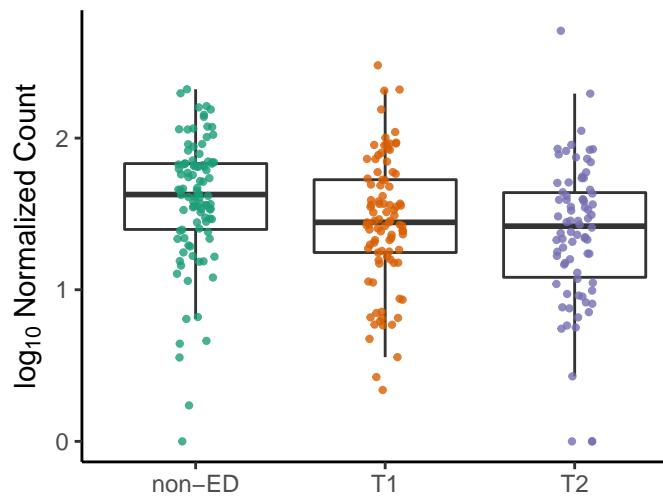
### Lactobacillus apis

non-ED vs. T1 adjusted p = 0.33  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.34



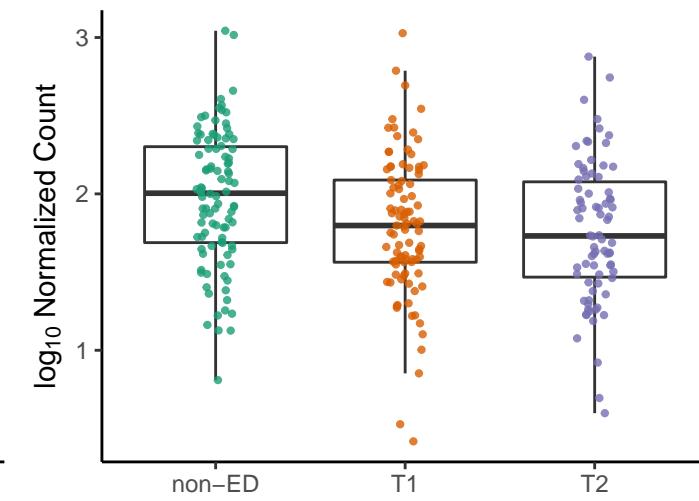
### Moritella viscosa

non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.65



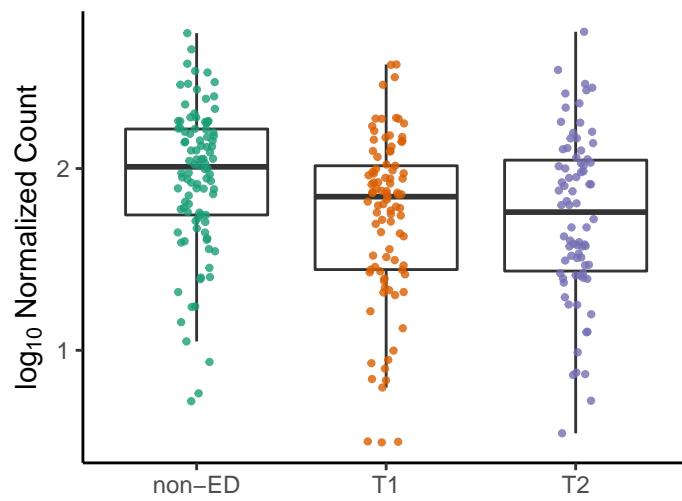
### Alteromonas mediterranea

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.88



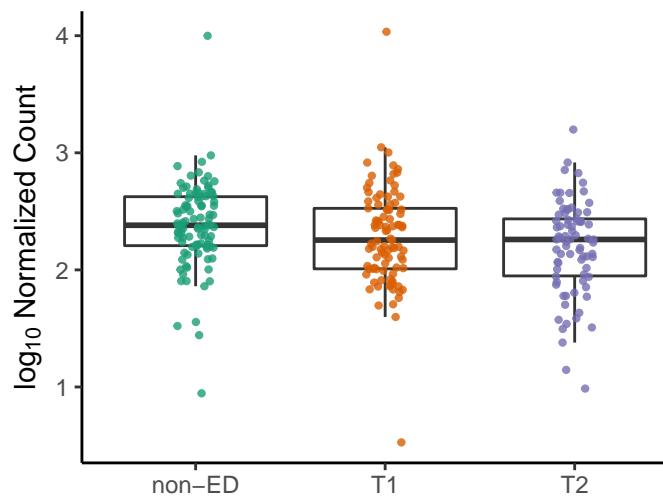
### Octadecabacter sp. SW4

non-ED vs. T1 adjusted p = 0.0075  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.88



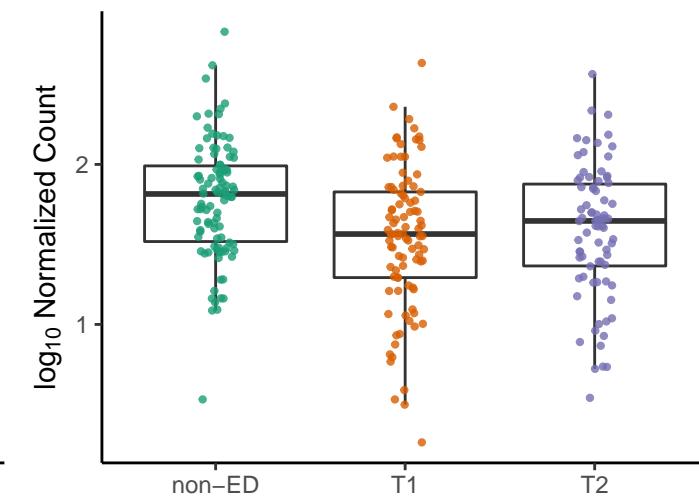
### Fusobacterium ulcerans

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.62



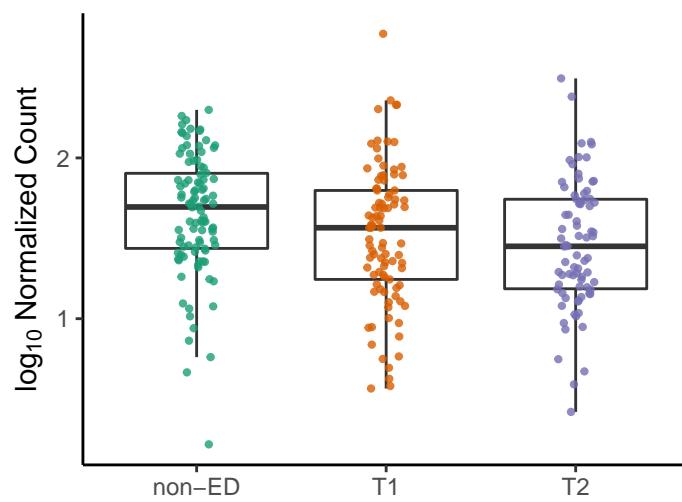
### Paraburkholderia sp. Msb3

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.7



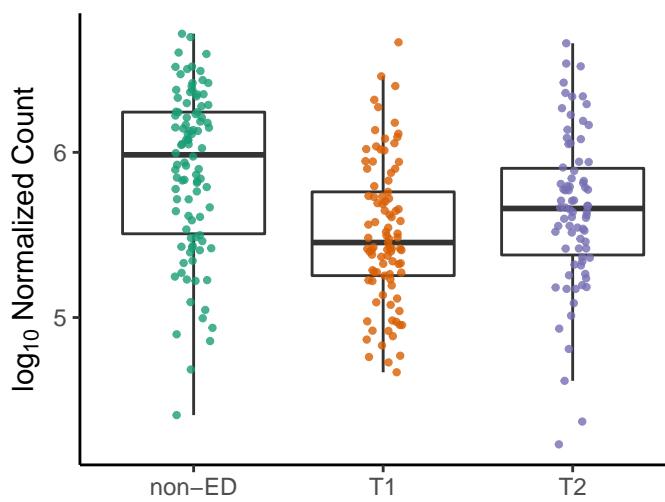
### *Pichia kudriavzevii*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.73



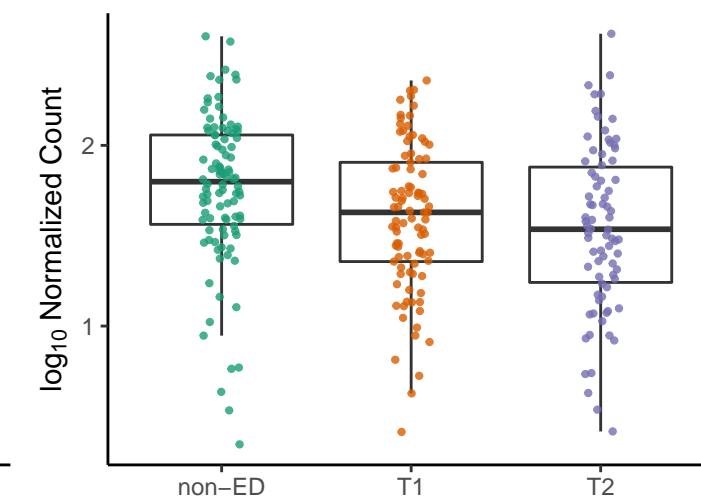
### Unclassified Lachnospiraceae Family

non-ED vs. T1 adjusted p = 1.3e-05  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.65



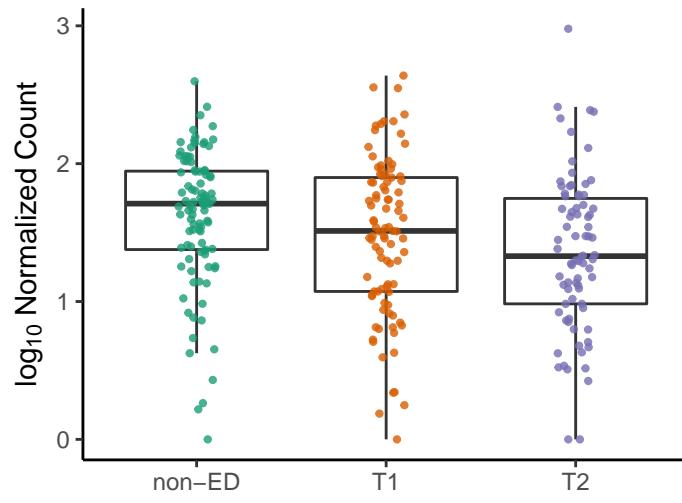
### Unclassified Yersiniaceae Family

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.83



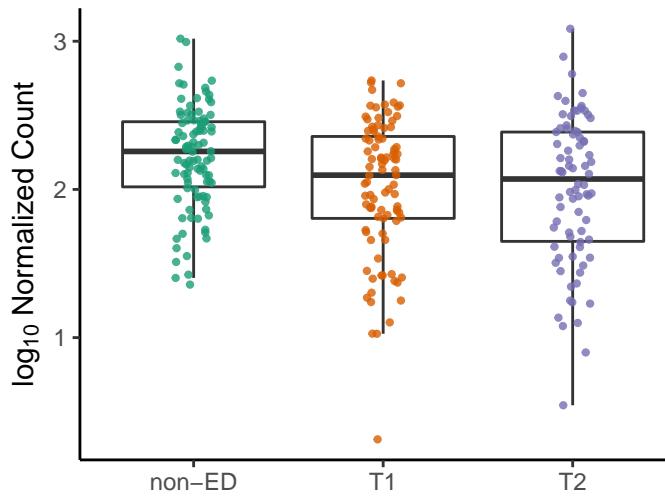
### *Campylobacter ureolyticus*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.63



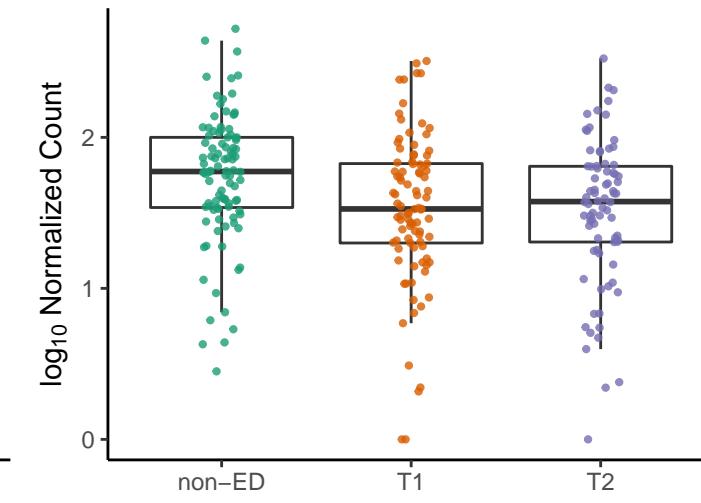
### *Hymenobacter swuensis*

non-ED vs. T1 adjusted p = 0.0091  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.94



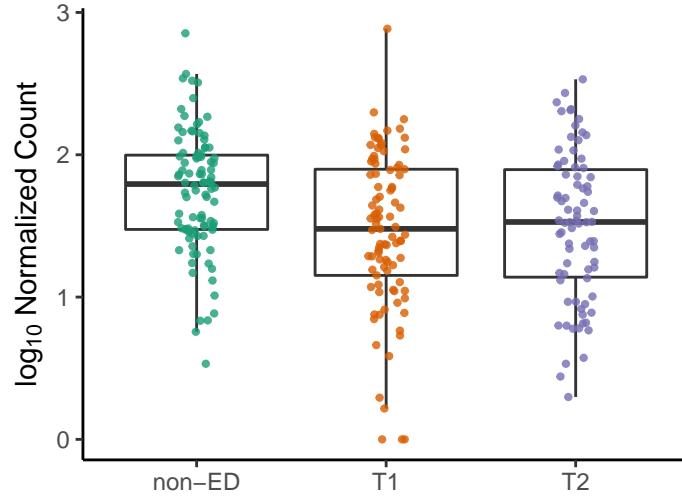
### *Arcobacter pacificus*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.93



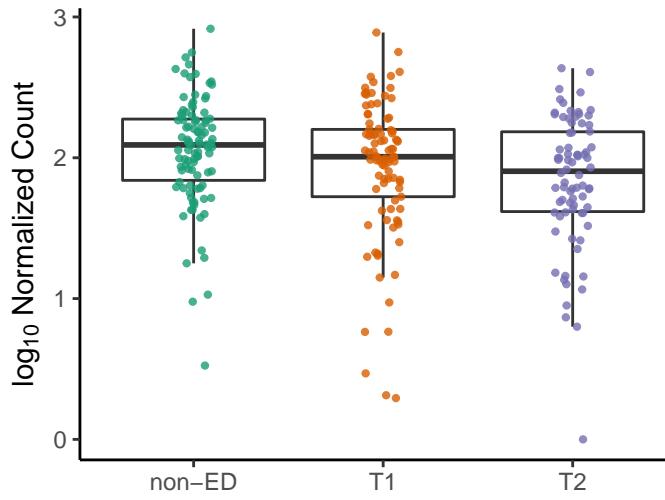
### *Plantibacter sp. PA-3-X8*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.71



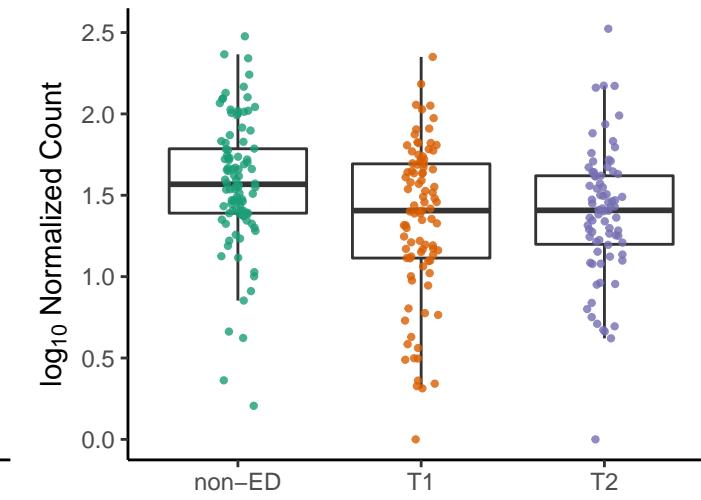
### *Comamonas sp. NLF-7-7*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.77



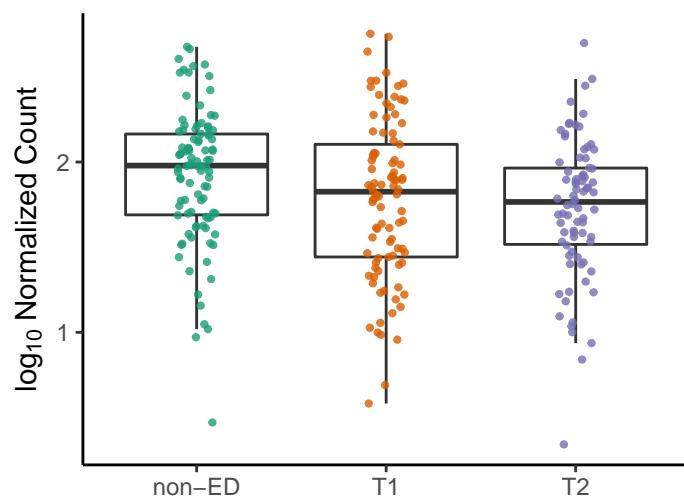
### *Herminiimonas arsenitoxidans*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.81



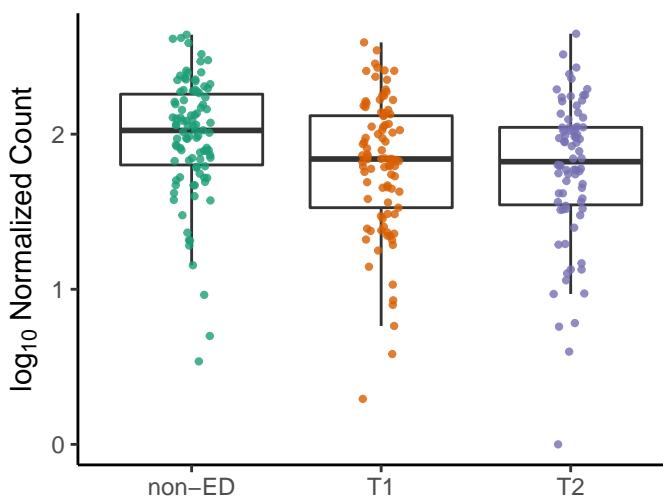
### Unclassified Marinitoga Genus

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.8



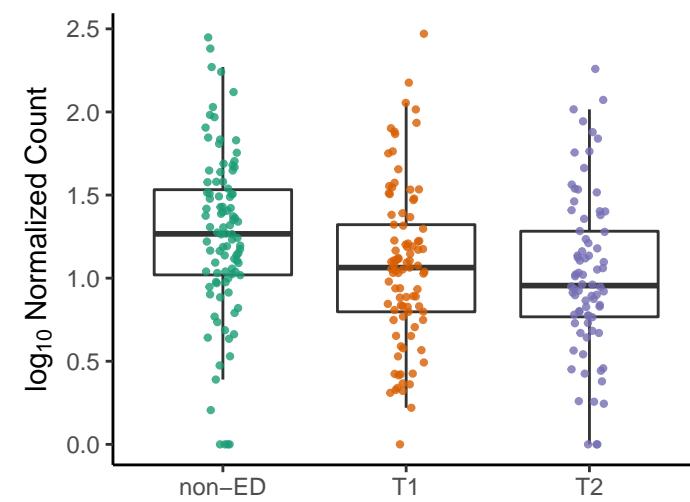
### Aquitalea magnusonii

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.95



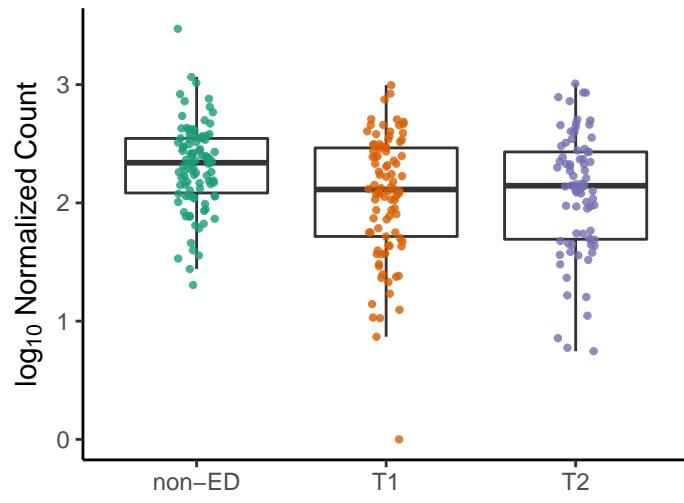
### Acinetobacter sp. 185

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.7



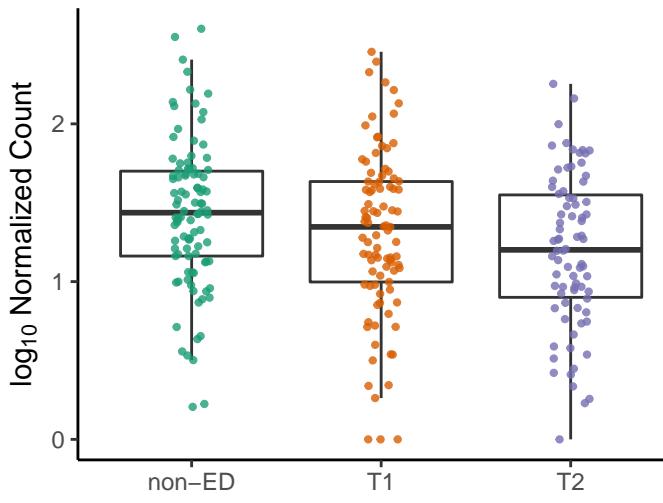
### Saccharopolyspora erythraea

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.81



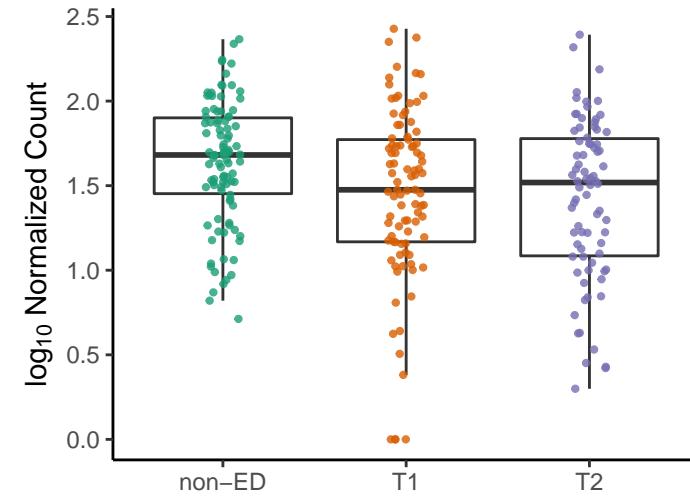
### Mycoplasma iowae

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.67



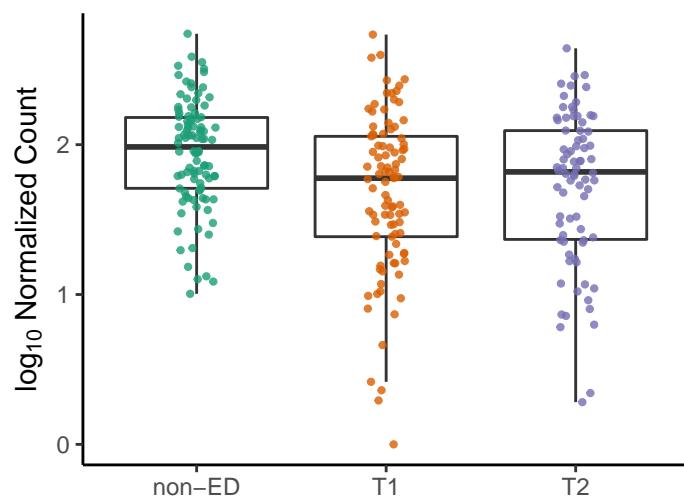
### Unclassified Methylibium Genus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.87



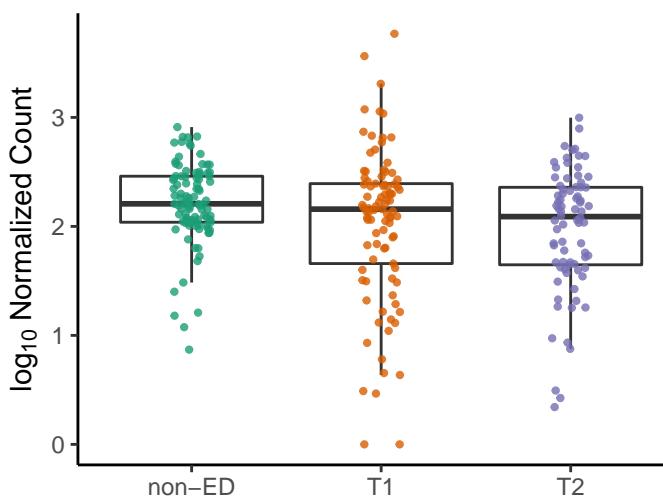
### Rhodococcus sp. PBTS 1

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.7



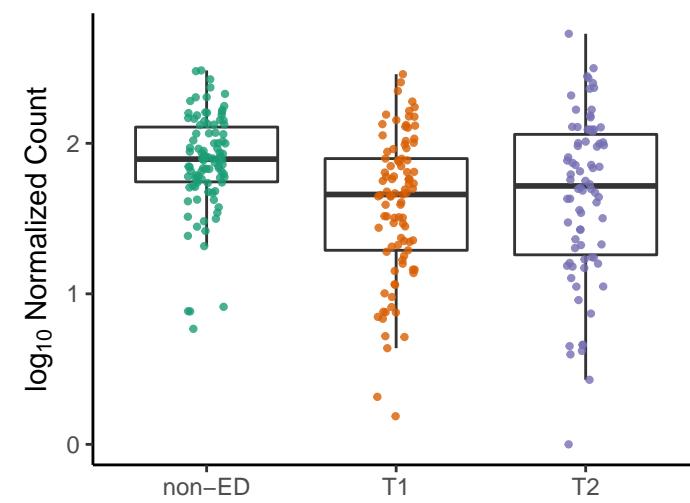
### Unclassified Clostridiales Family XIII. Inc

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.7



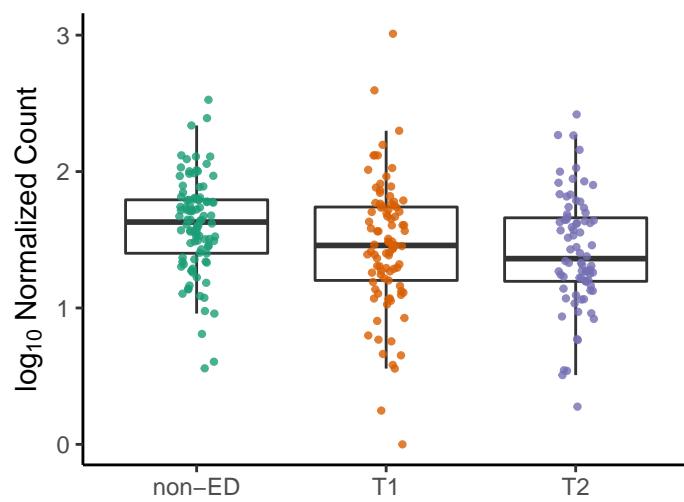
### Lachancea thermotolerans

non-ED vs. T1 adjusted p = 2e-04  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.71



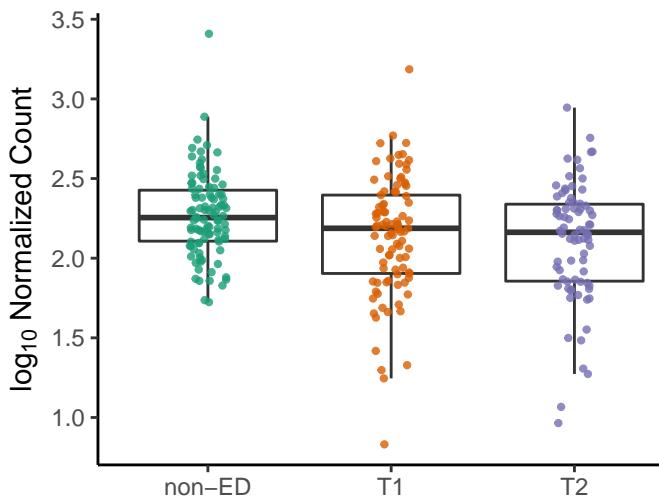
### *Thalassotalea* sp. PS06

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.86



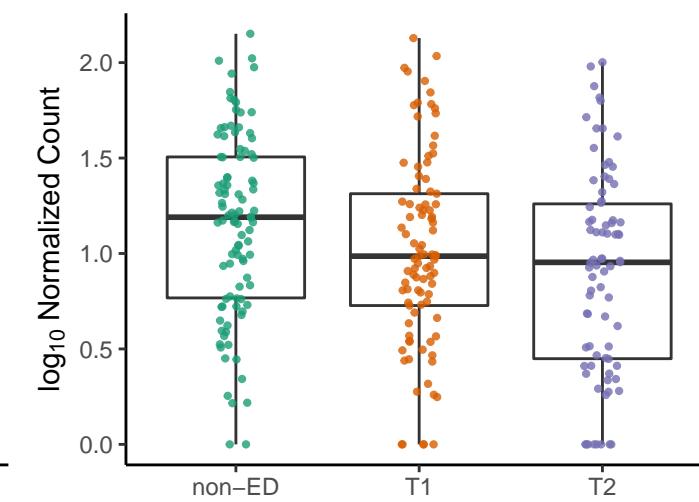
### *Pseudomonas azotoformans*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.99



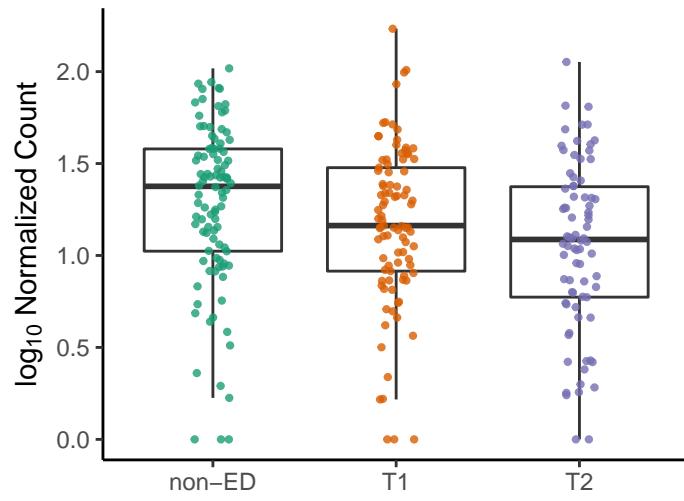
### *Ureaplasma urealyticum*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.75



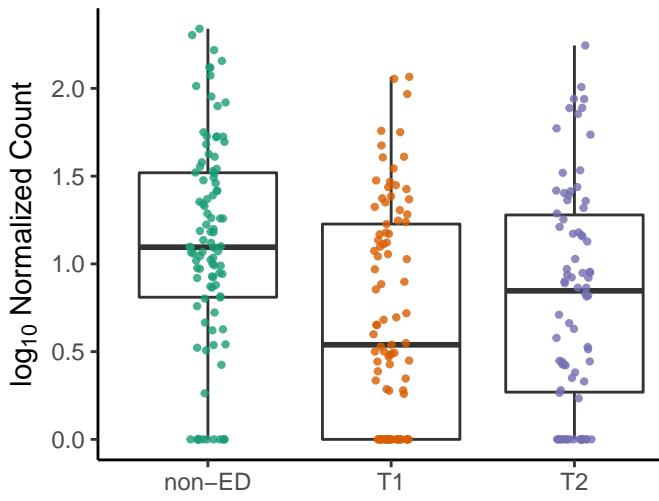
### *Thiomicrospira aerophila*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.63



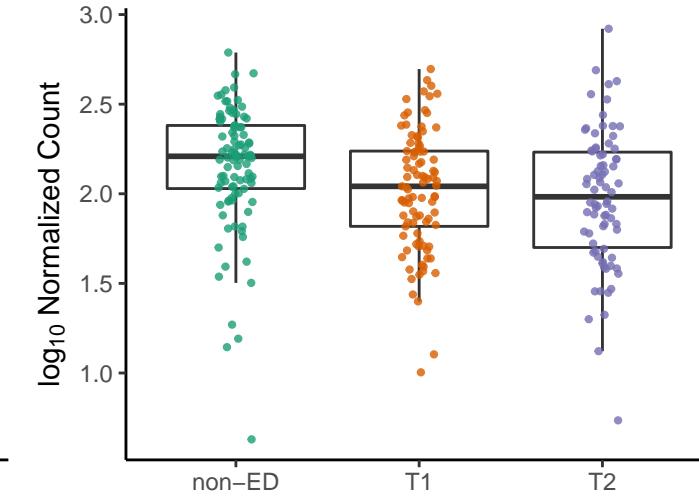
### *Pseudoalteromonas haloplanktis*

non-ED vs. T1 adjusted p = 0.00033  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



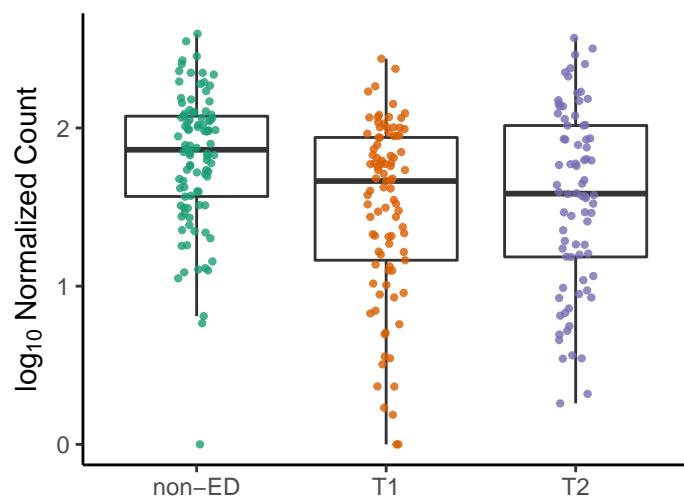
### *Treponema* sp. OMZ 838

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.84



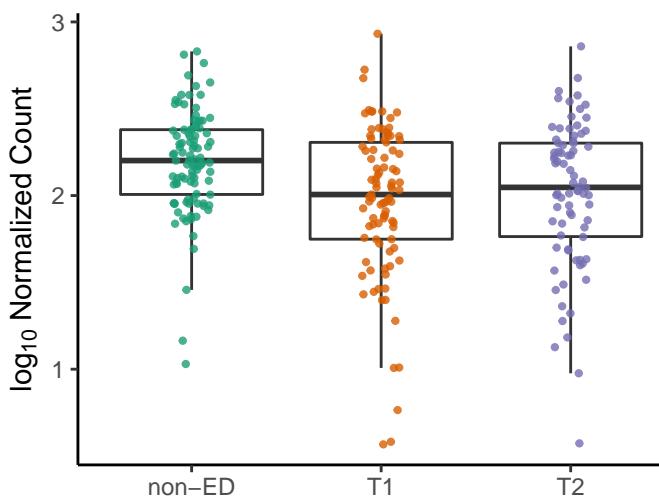
### *Burkholderia* sp. IDO3

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.73



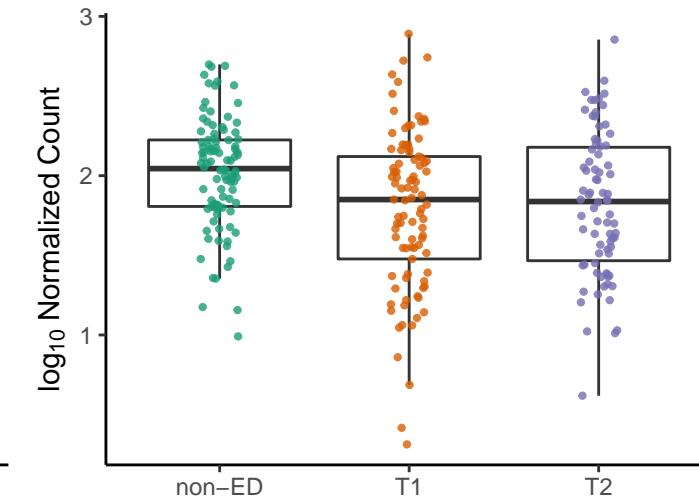
### *Chitinimonas* sp. R3-44

non-ED vs. T1 adjusted p = 0.0018  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.7



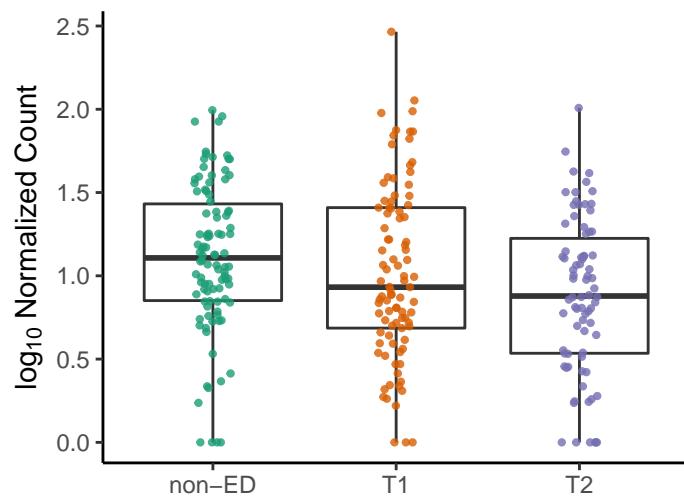
### *Hydrogenophaga crassostreae*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.67



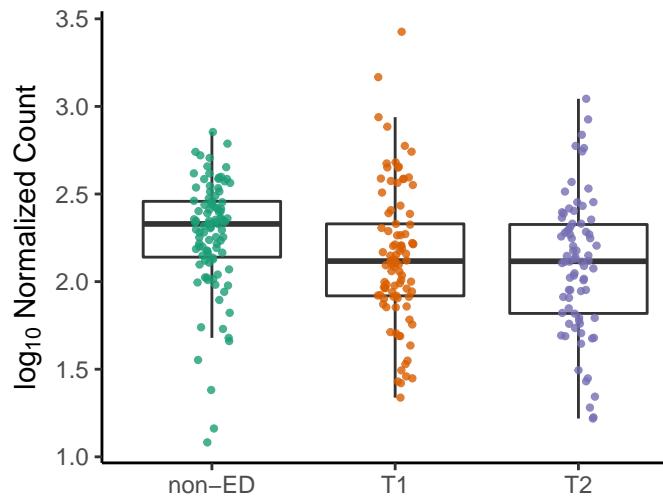
### *Ehrlichia chaffeensis*

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.57



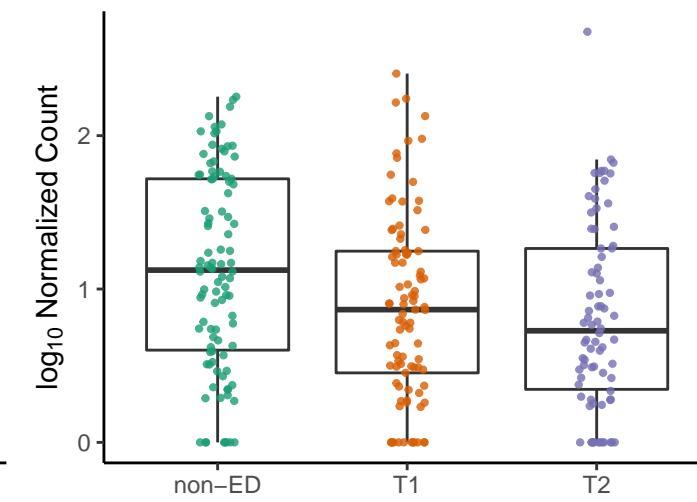
### *Fusobacterium mortiferum*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.82



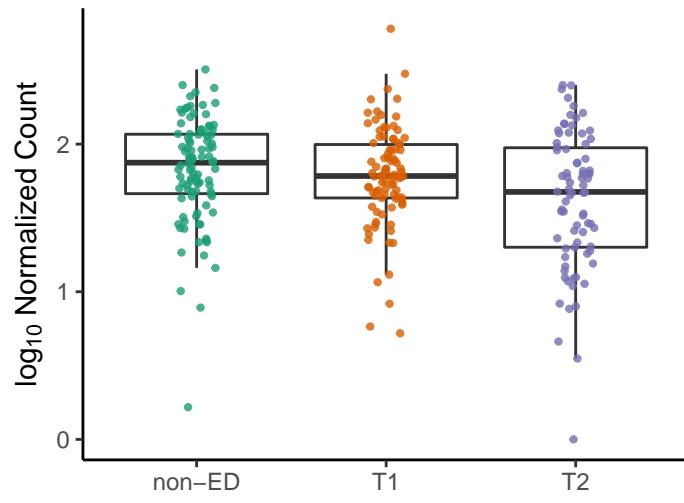
### *Blattabacterium punctulatus*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.87



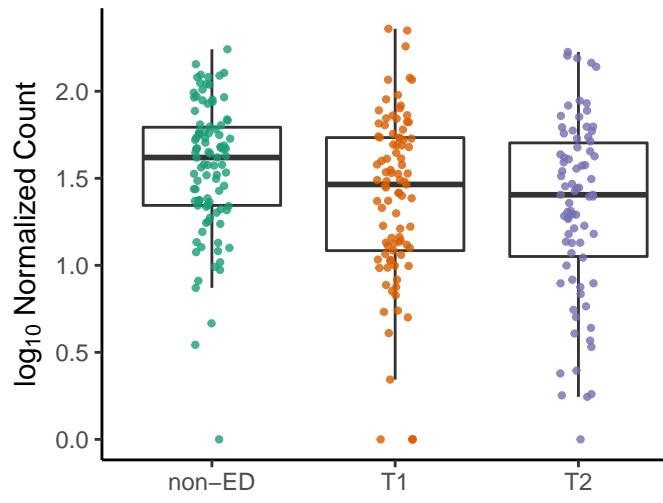
### *Flavobacterium commune*

non-ED vs. T1 adjusted p = 0.51  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.29



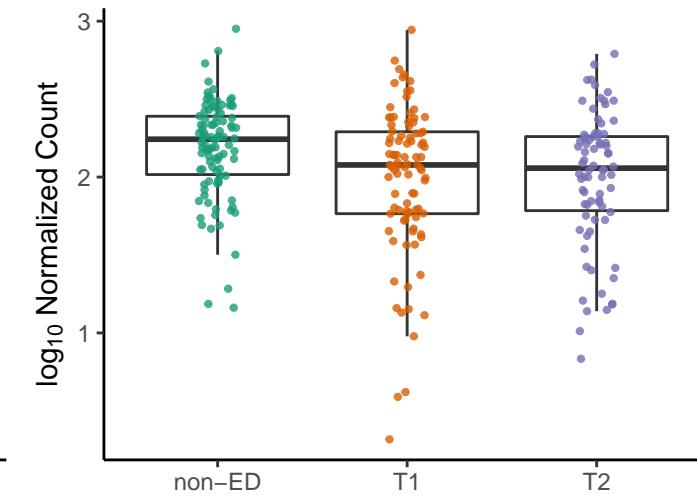
### *Mycoplasma citelli*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.74



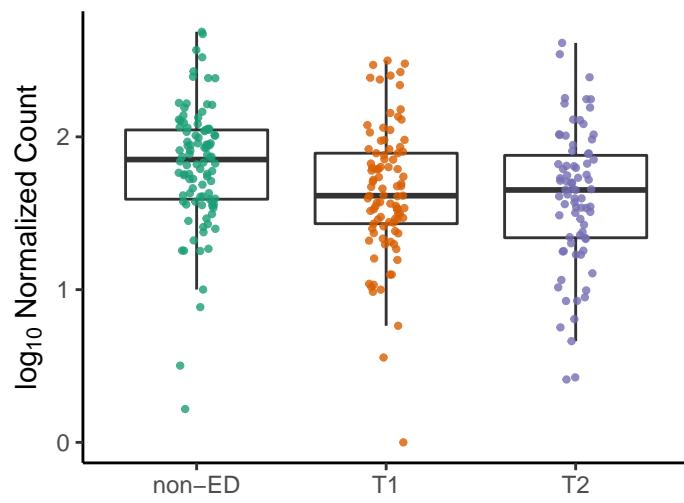
### Unclassified Fusarium Genus

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.91



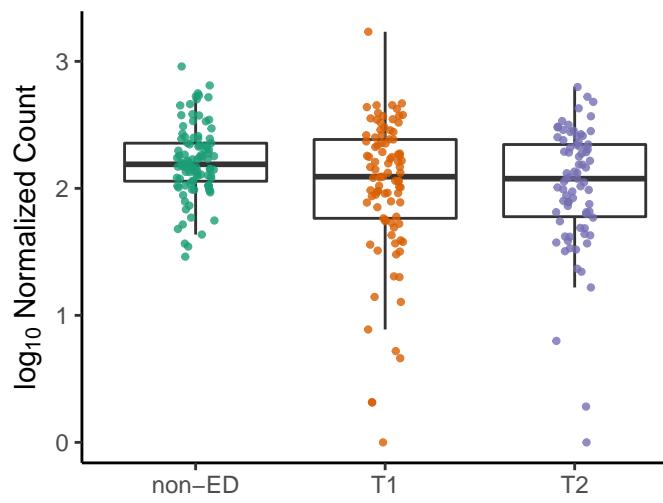
### *Calothrix parietina*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.73



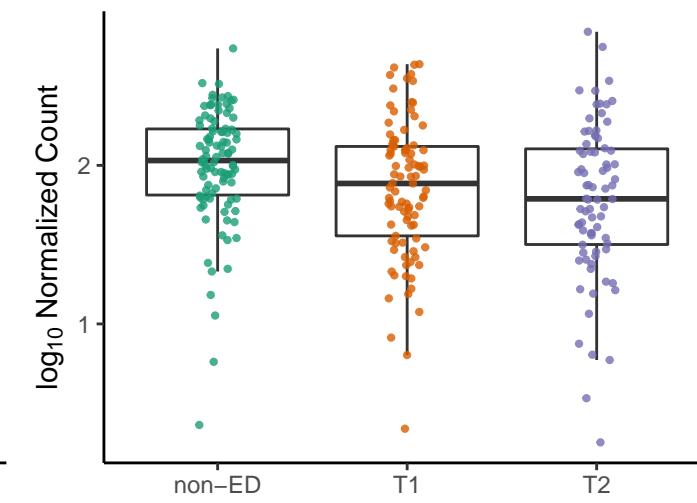
### *Massilia* sp. WG5

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.92



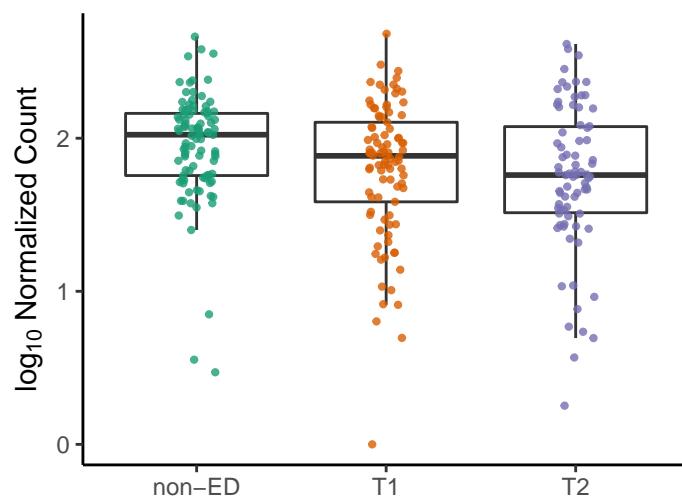
### *Thermoanaerobacter kivui*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.69



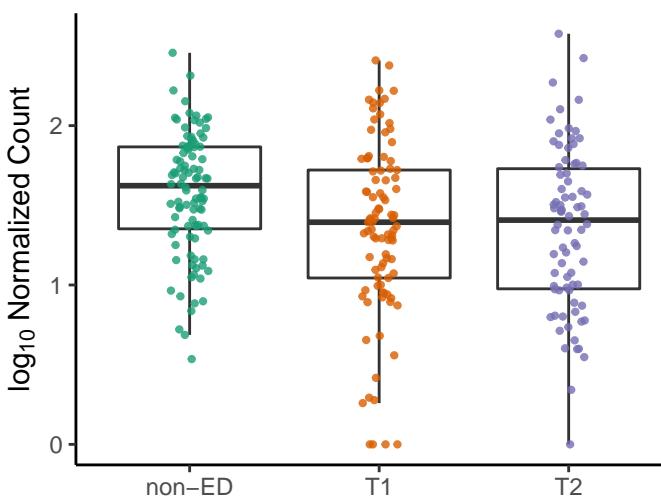
### Sphingobacteriaceae bacterium GW460-

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.75



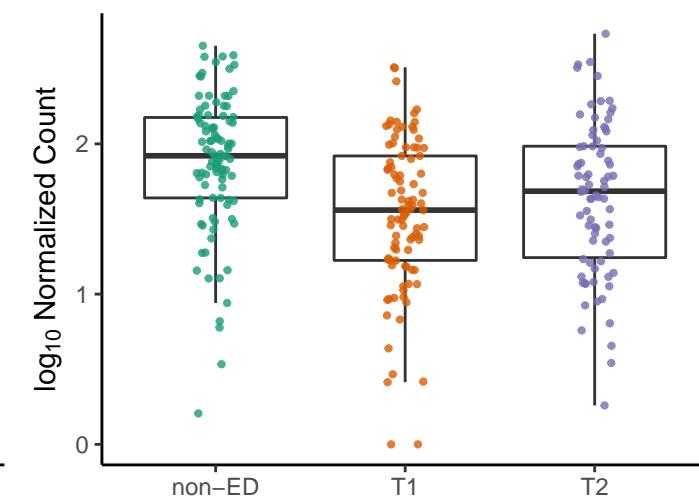
### Corynebacterium rouxii

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.8



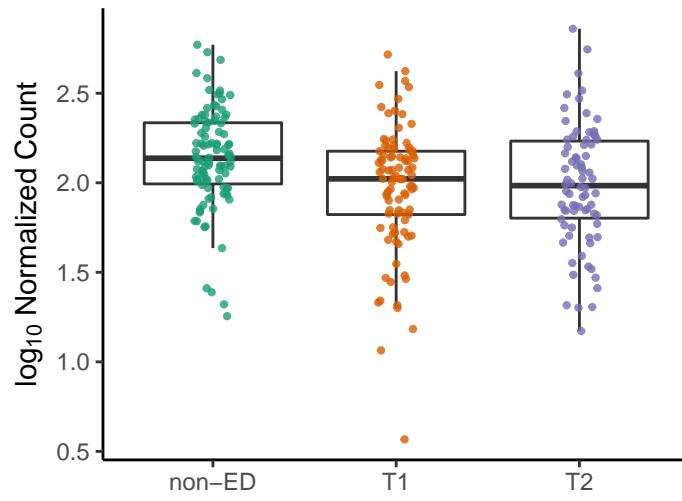
### Erwinia billingiae

non-ED vs. T1 adjusted p = 0.00015  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.66



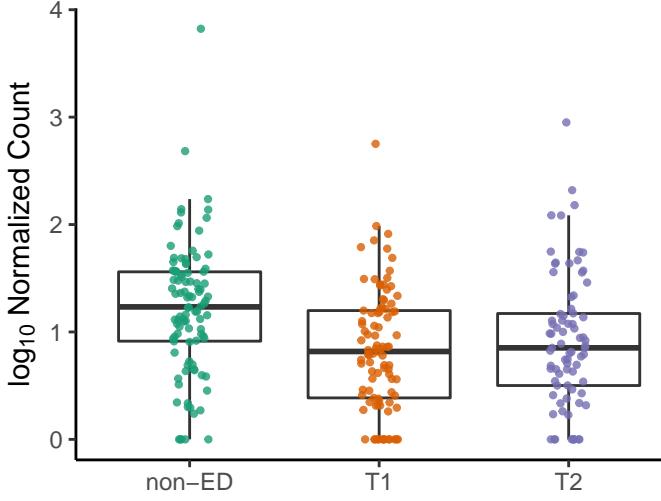
### Pantoea ananatis

non-ED vs. T1 adjusted p = 0.0054  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



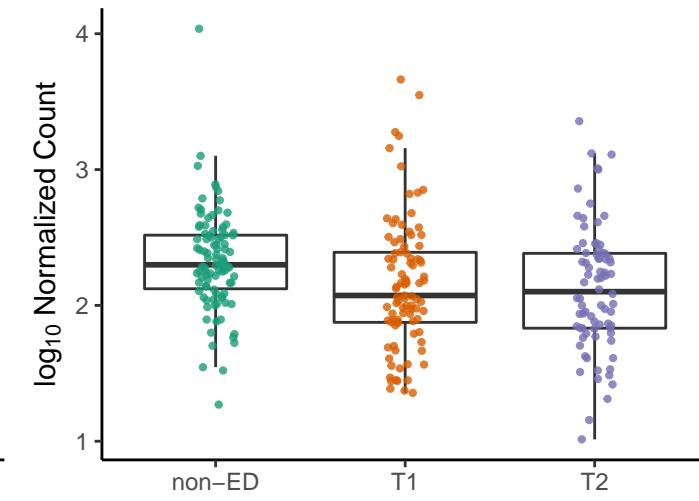
### Pseudomonas sp. TMW 2.1634

non-ED vs. T1 adjusted p = 0.00065  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.63



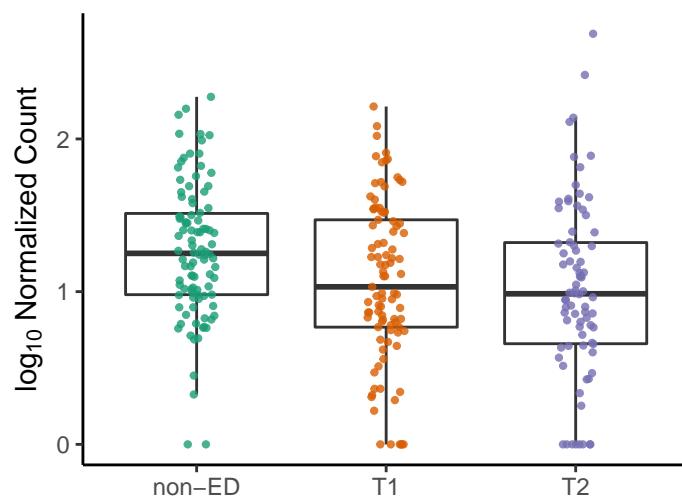
### Unclassified Leuconostoc Genus

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.95



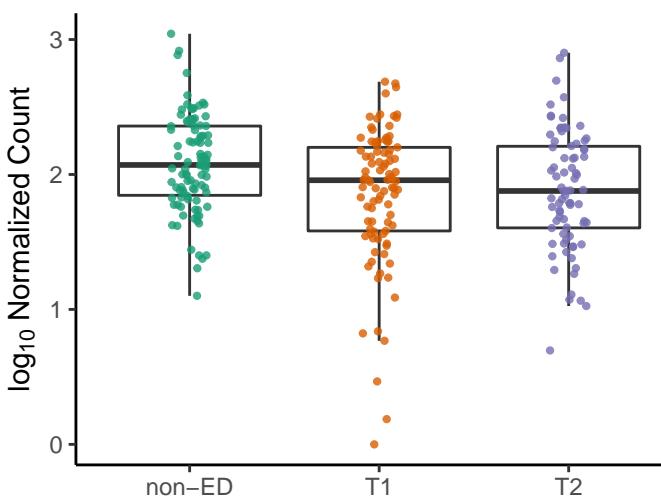
### Methanocaldococcus infernus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.88



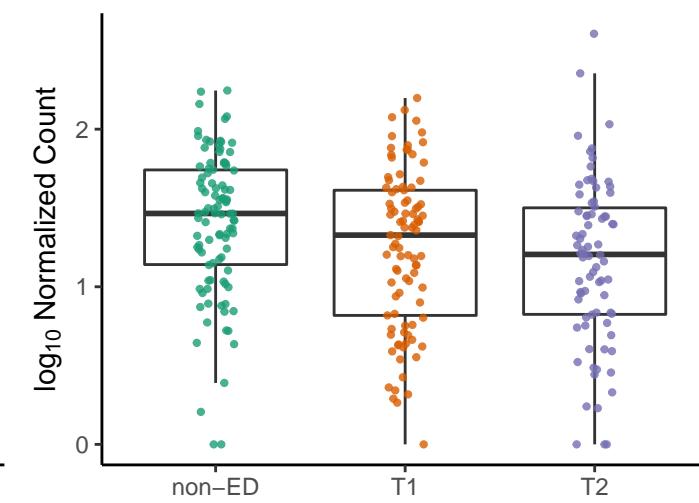
### Bradyrhizobium symbiotrophicum

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.7



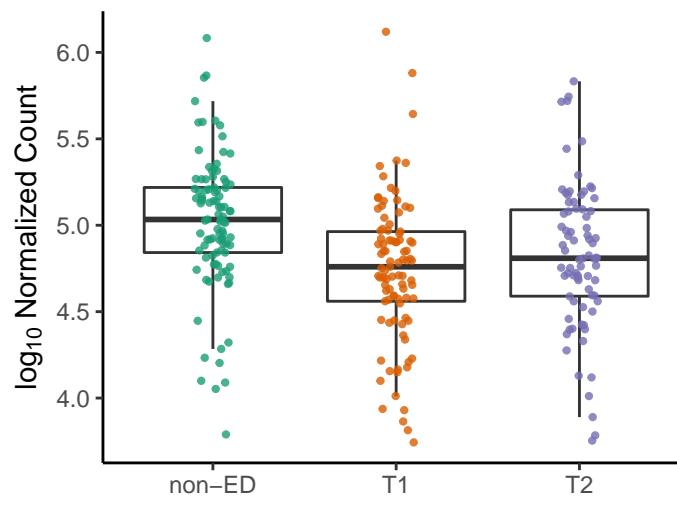
### Candidatus Protochlamydia amoebophilic

non-ED vs. T1 adjusted p = 0.068  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.66



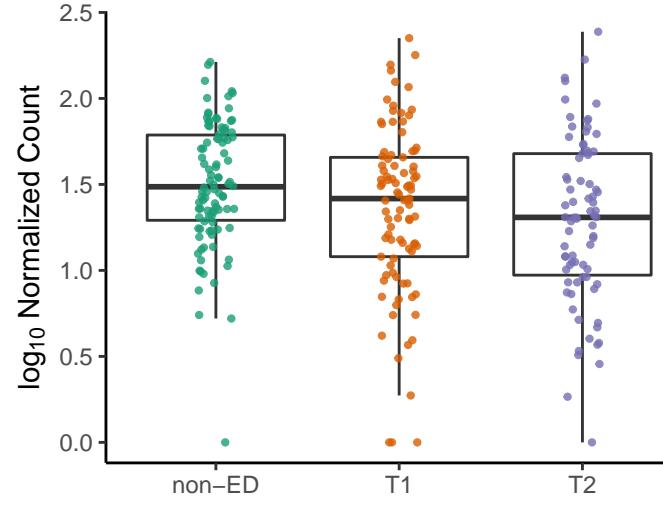
### *Roseburia intestinalis*

non-ED vs. T1 adjusted p = 0.00033  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.77



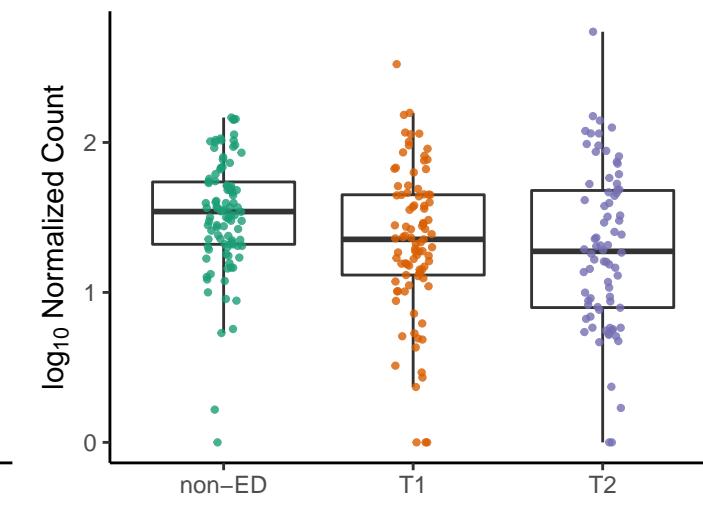
### *Exiguobacterium sp. MH3*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.77



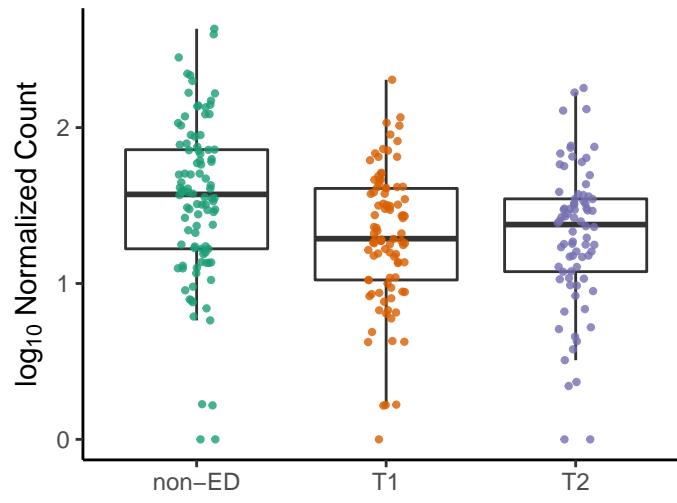
### *Francisella halioticida*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.95



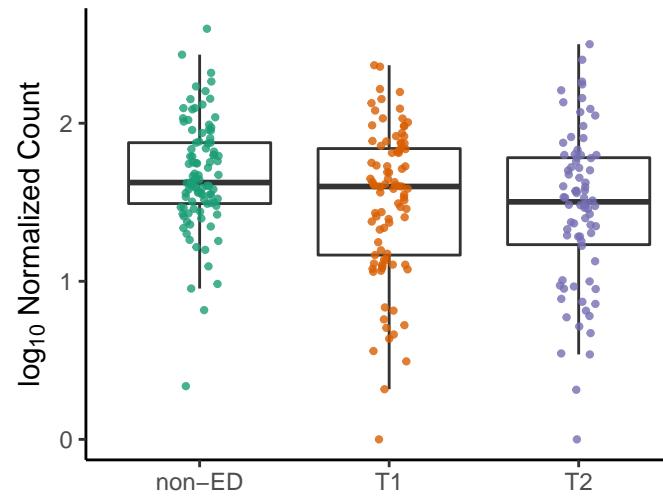
### *Oligella urethralis*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



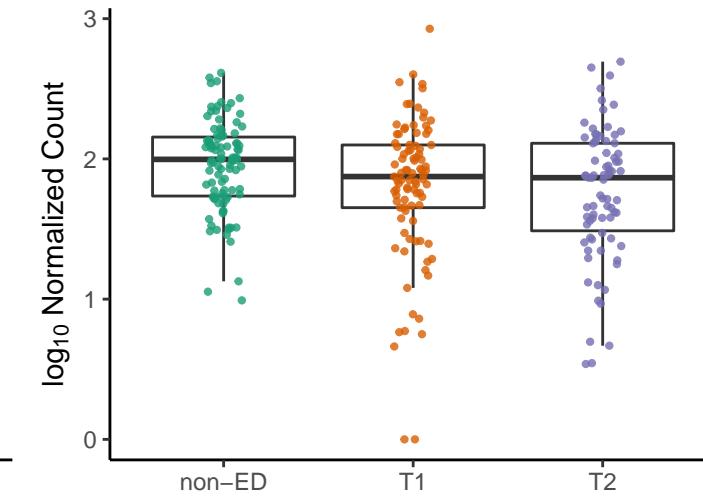
### *Serratia proteamaculans*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.95



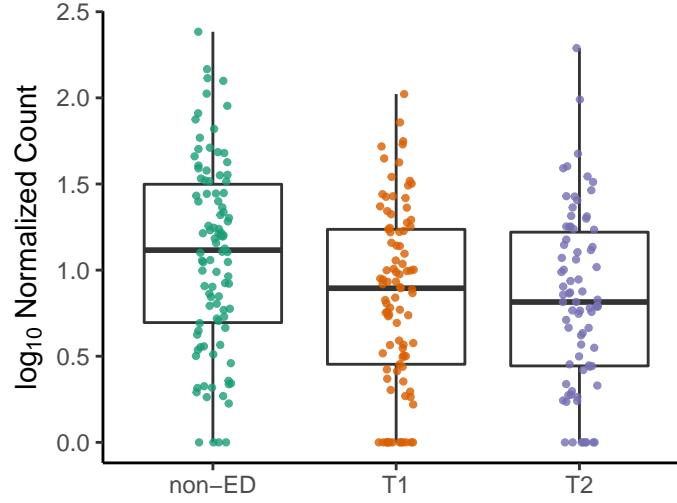
### *Xanthomonas arboricola*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.93



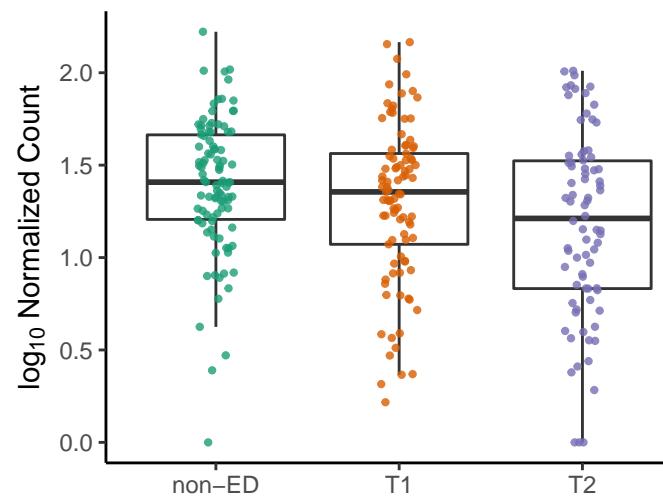
### *Rhizobium pusense*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.99



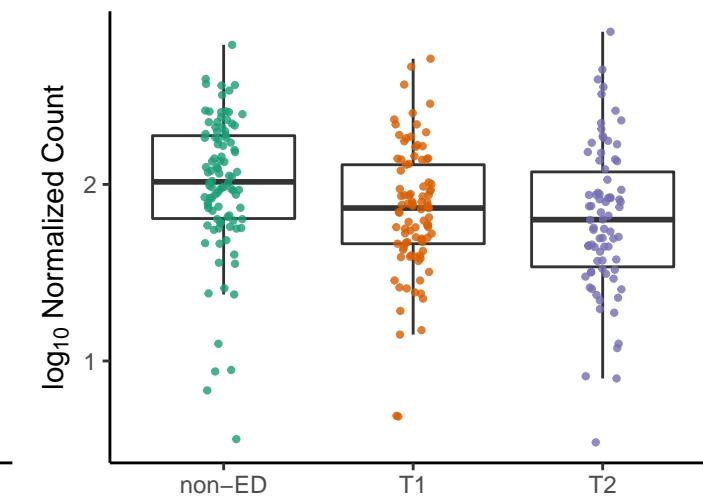
### *Shewanella benthica*

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.63



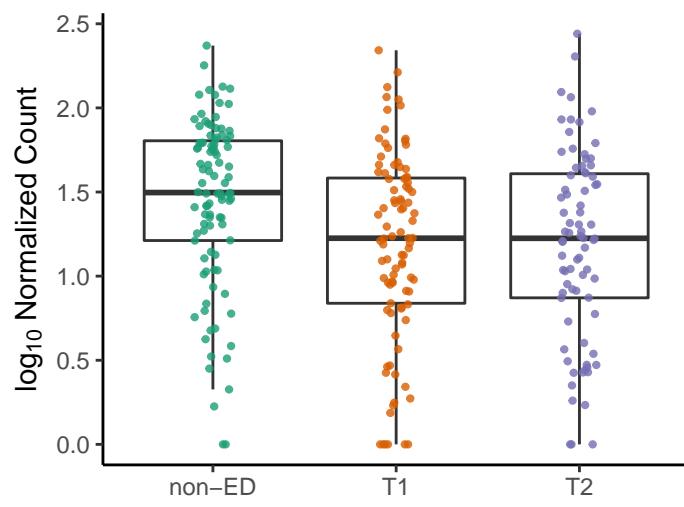
### Unclassified Brachyspira Genus

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.79



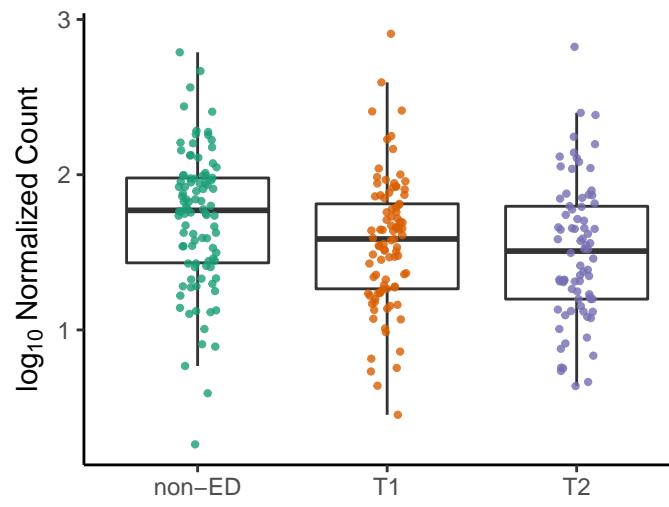
### Burkholderia sp. NRF60-BP8

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.92



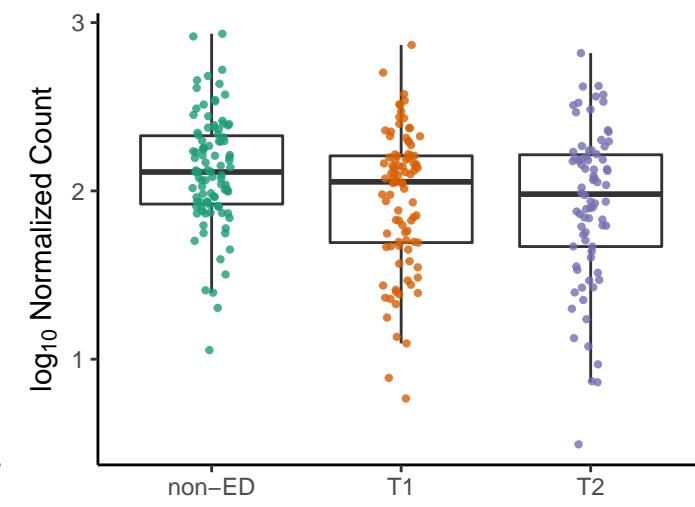
### Nostoc sp. Peltigera membranacea cyan

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.75



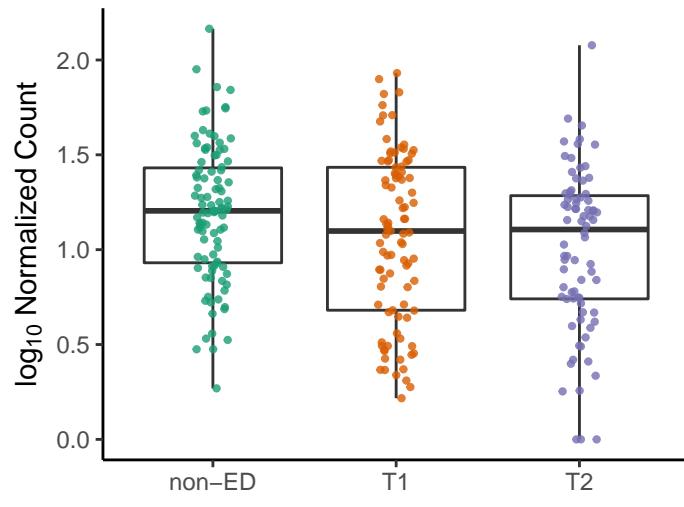
### Neisseria elongata

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.95



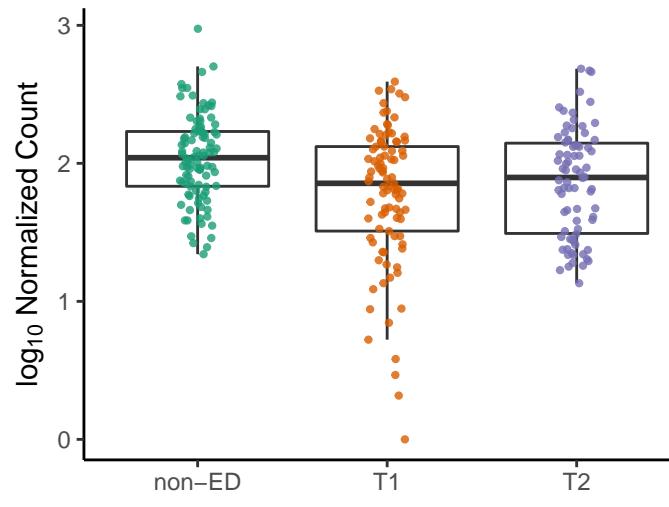
### Candidatus Saccharimonas aalborgens

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.77



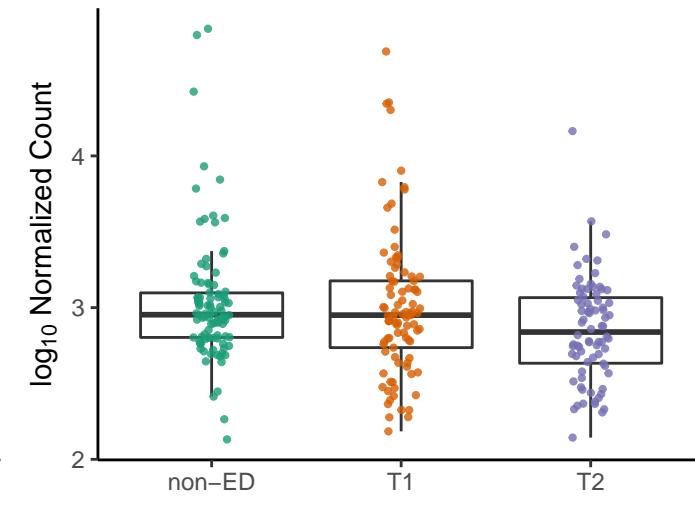
### Paracoccus jeotgali

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.66



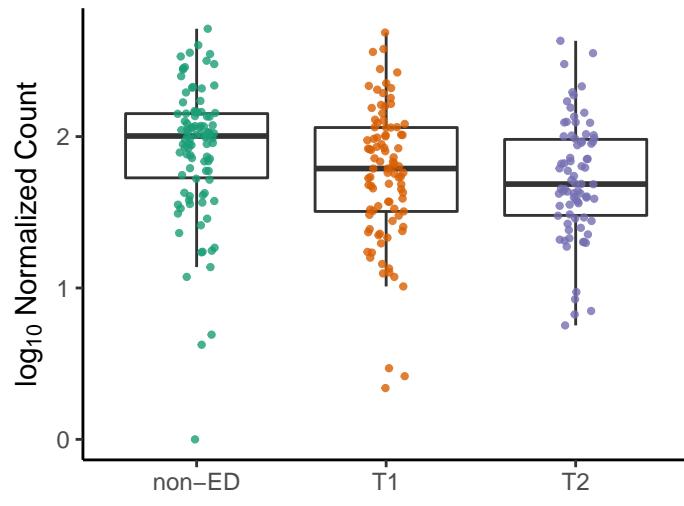
### Unclassified Enterobacter Genus

non-ED vs. T1 adjusted p = 0.71  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.61



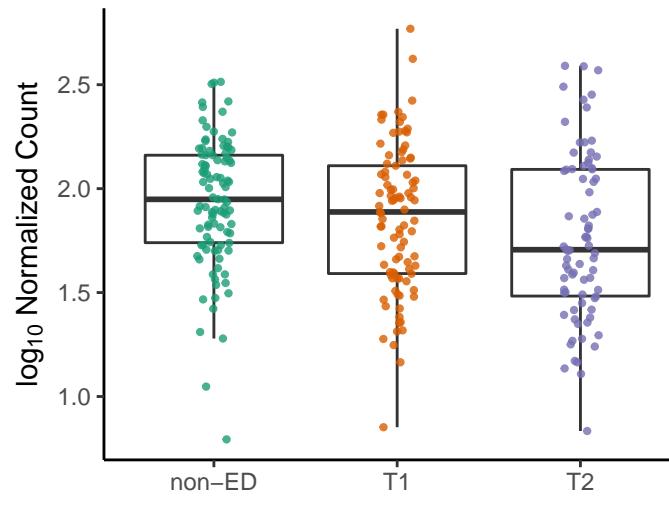
### Campylobacter sputorum

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.77



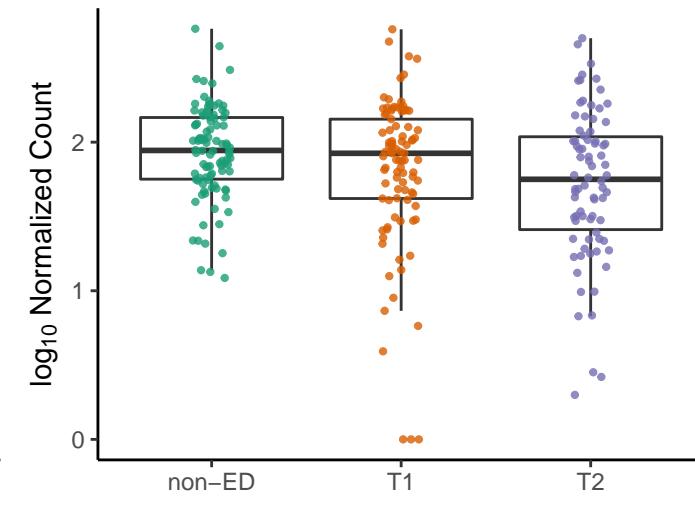
### Carnobacterium sp. CP1

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.67



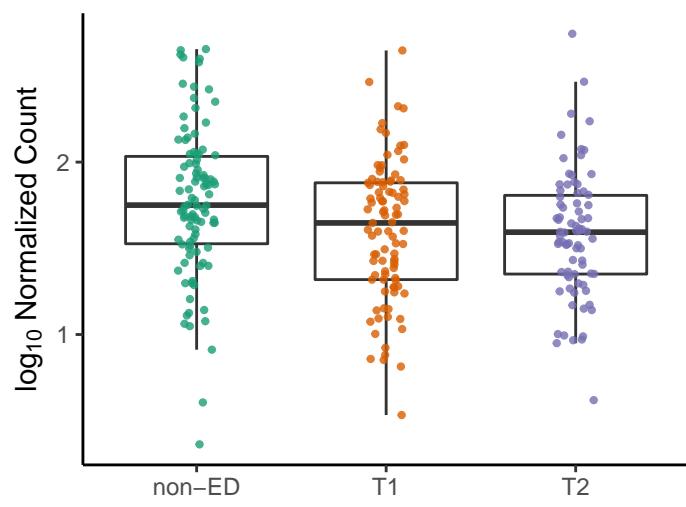
### Mycobacterium saskatchewanense

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.74



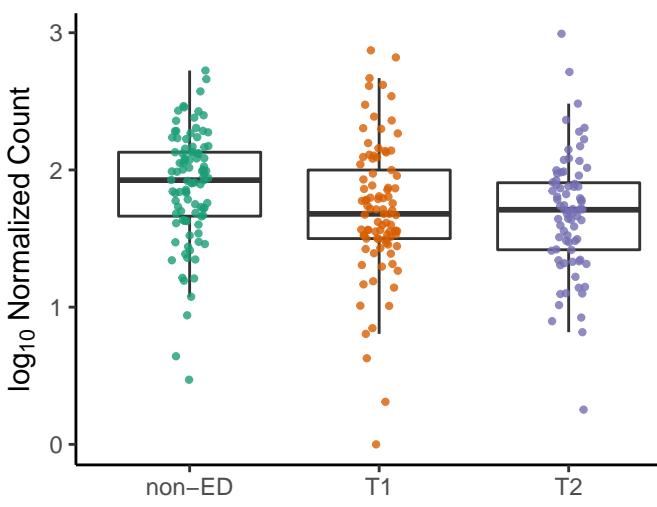
### *Staphylococcus kloosii*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



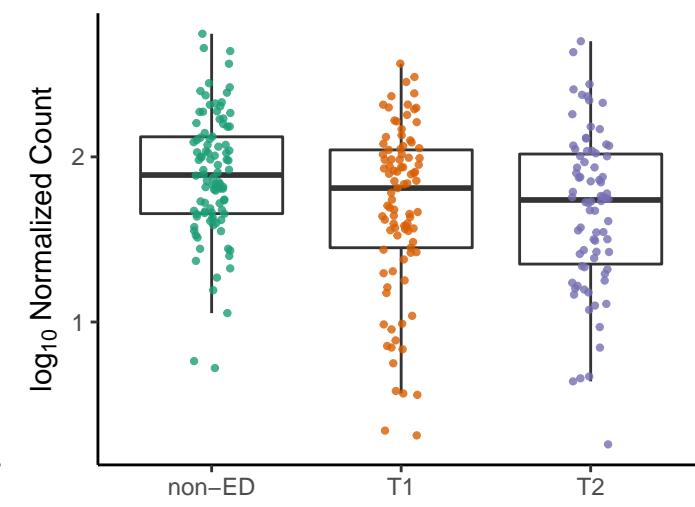
### *Streptococcus constellatus*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.82



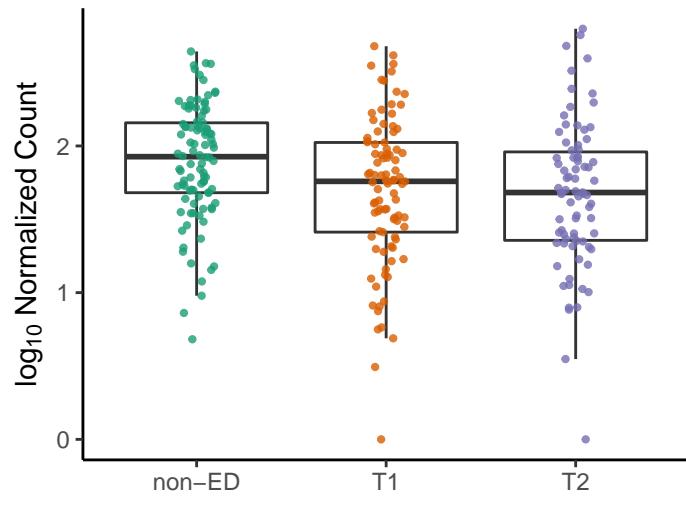
### *Streptomyces* sp. 769

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 1



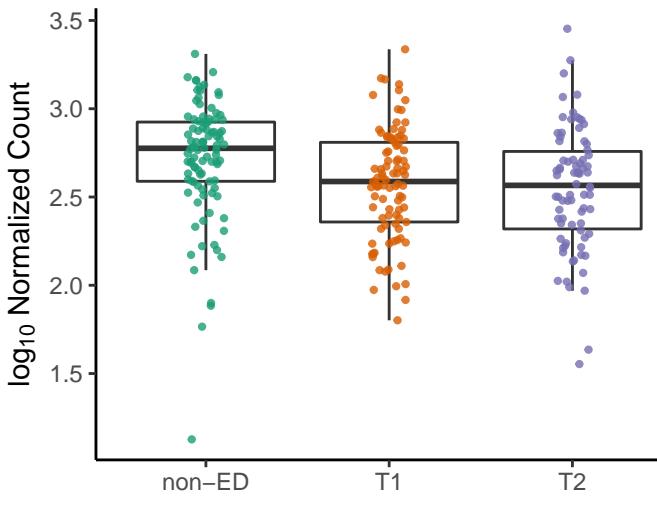
### *Streptomyces* sp. S063

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



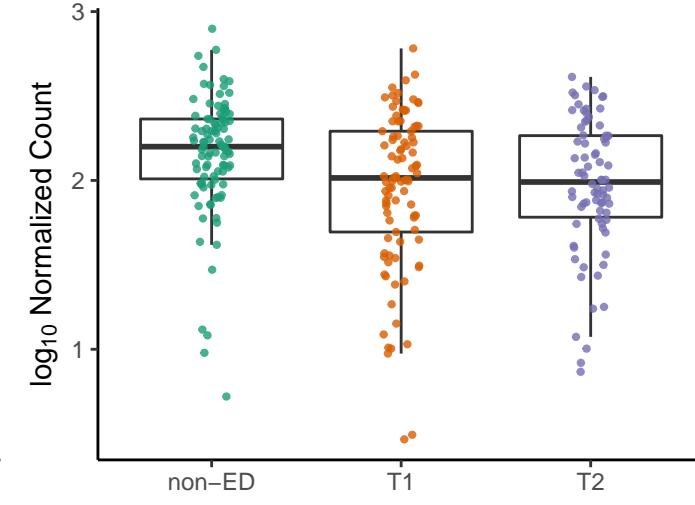
### Unclassified Caldicellulosiruptor Genus

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.91



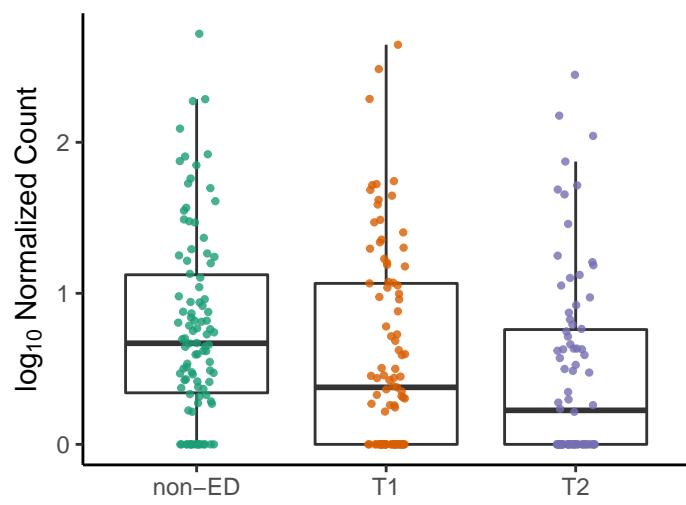
### Unclassified Massilia Genus

non-ED vs. T1 adjusted p = 0.0084  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.76



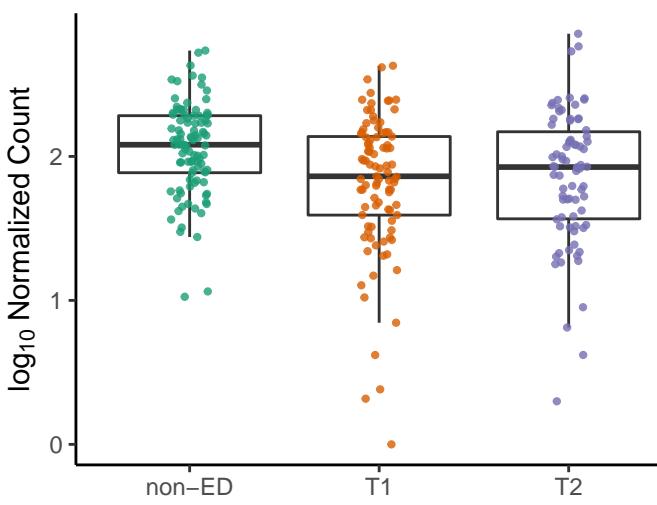
### *Streptococcus* sp. FDAARGOS\_522

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.81



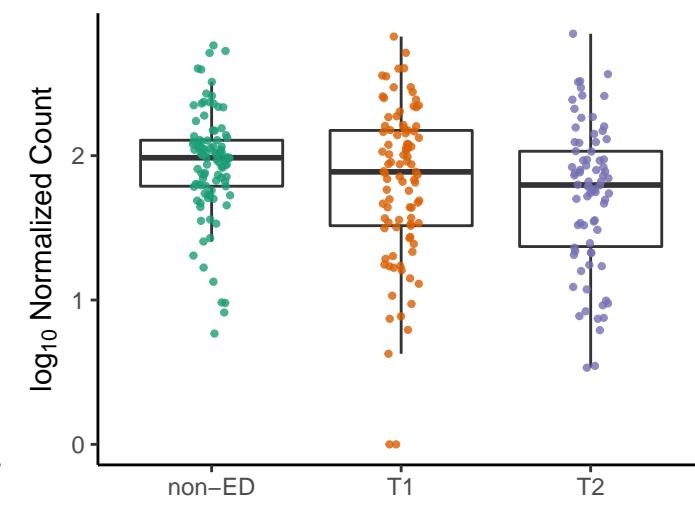
### *Corynebacterium halotolerans*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.7



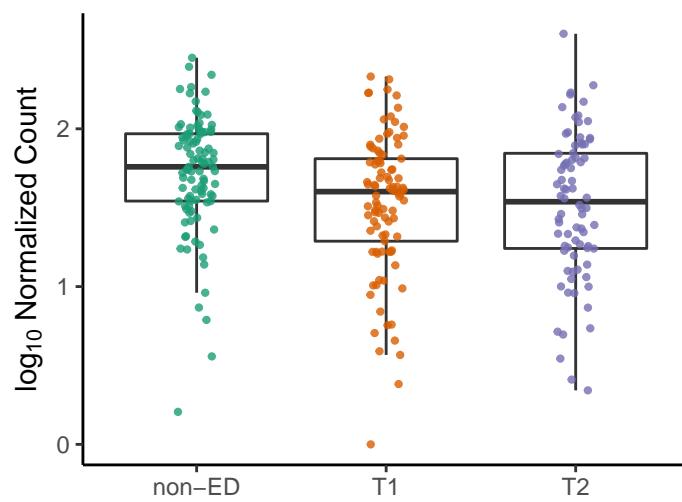
### *Acidithiobacillus caldus*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.84



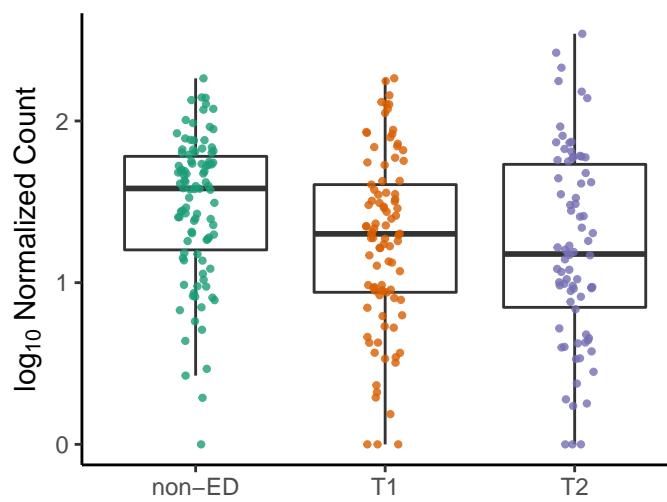
### Aequorivita sp. H23M31

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.97



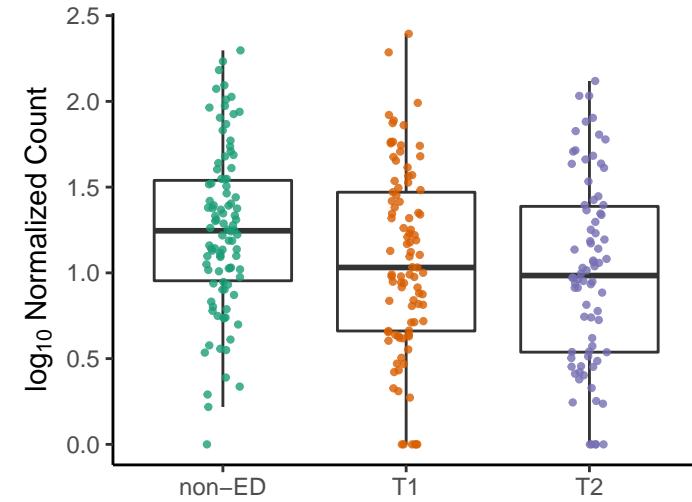
### Caldicellulosiruptor kristjanssonii

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



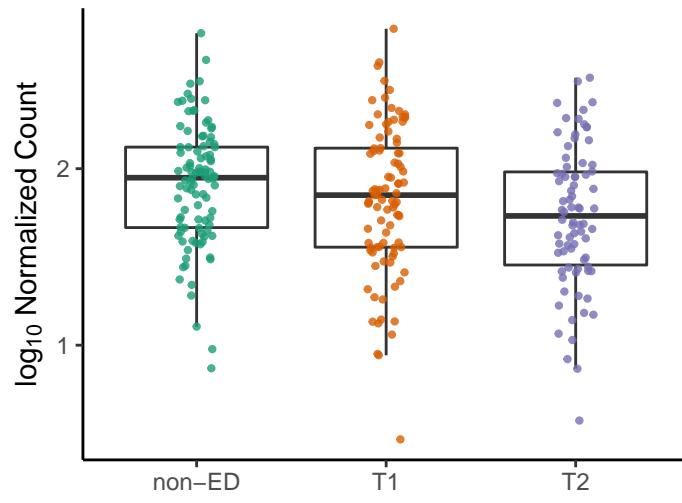
### Candidatus Liberibacter americanus

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.86



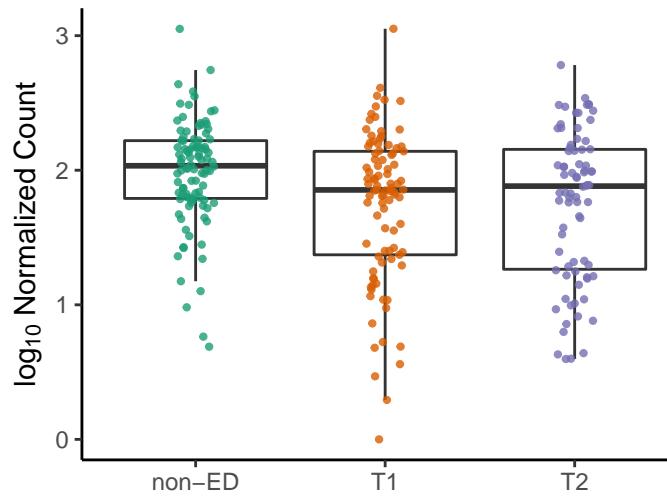
### Curvibacter sp. AEP1–3

non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.75



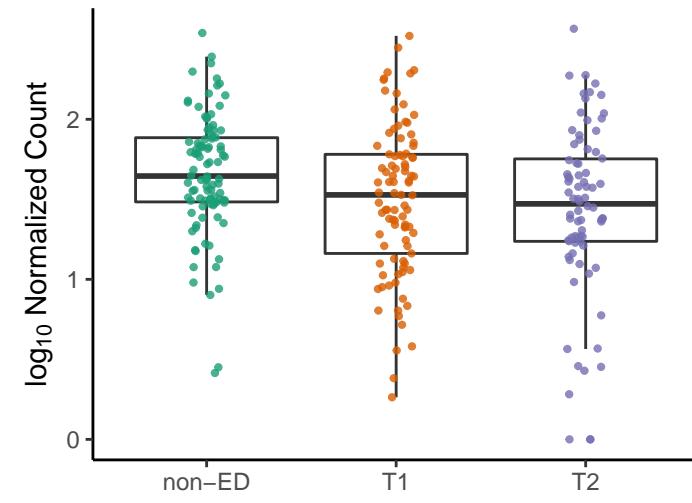
### Nocardioides seonyuensis

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.83



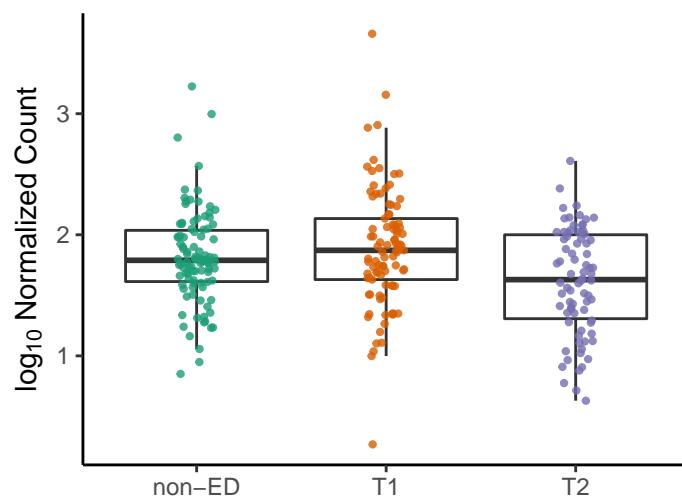
### Plautia stali symbiont

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.98



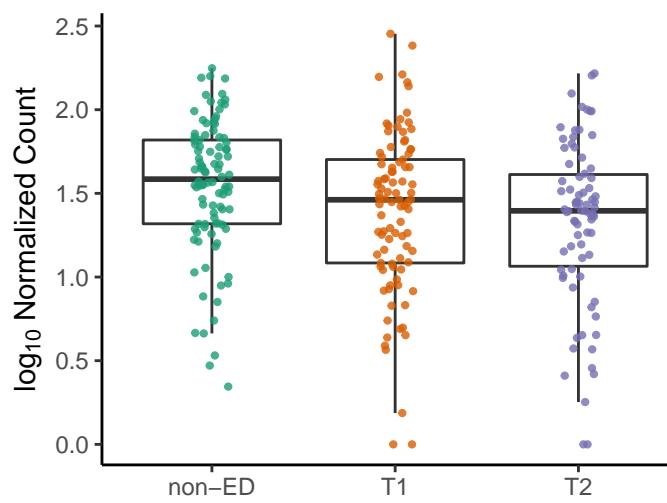
### Salmonella bongori

non-ED vs. T1 adjusted p = 0.37  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.017



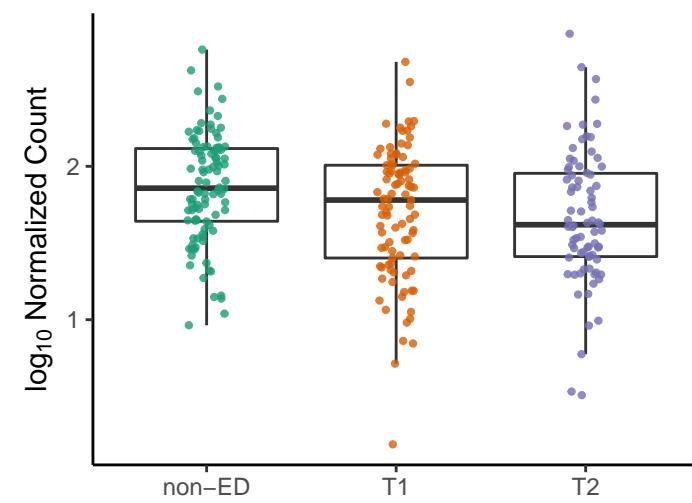
### Parashewanella spongiae

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



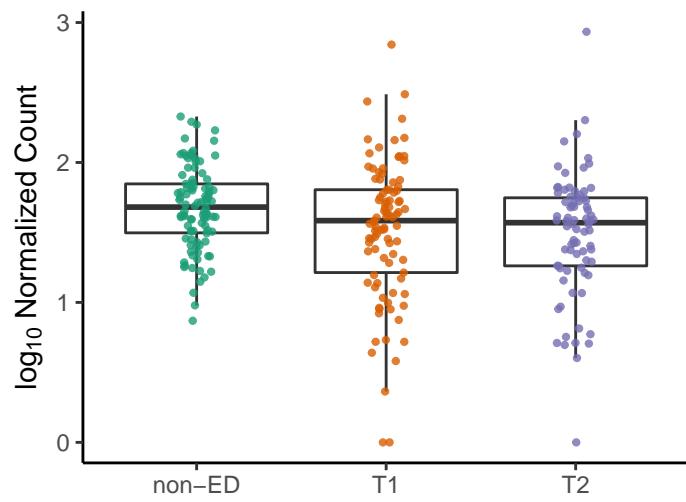
### Planctomycetes bacterium KS4

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.99



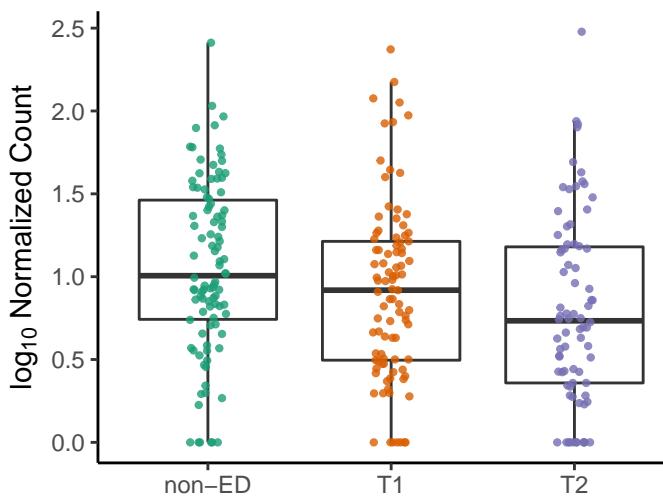
### *Leucobacter* sp. HDW9A

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



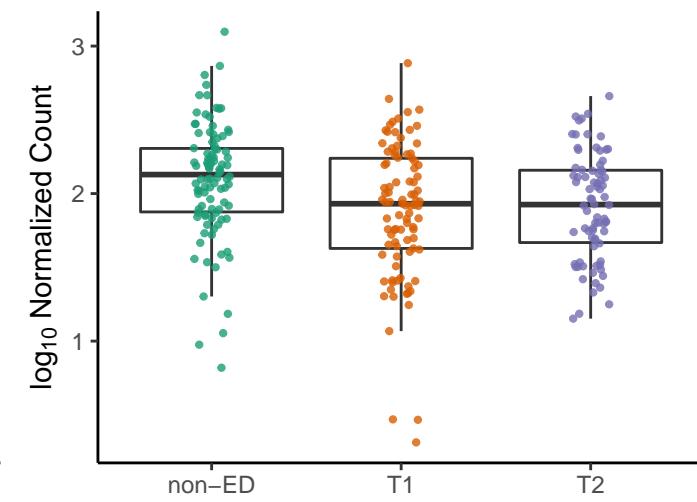
### *Mycoplasma dispar*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.7



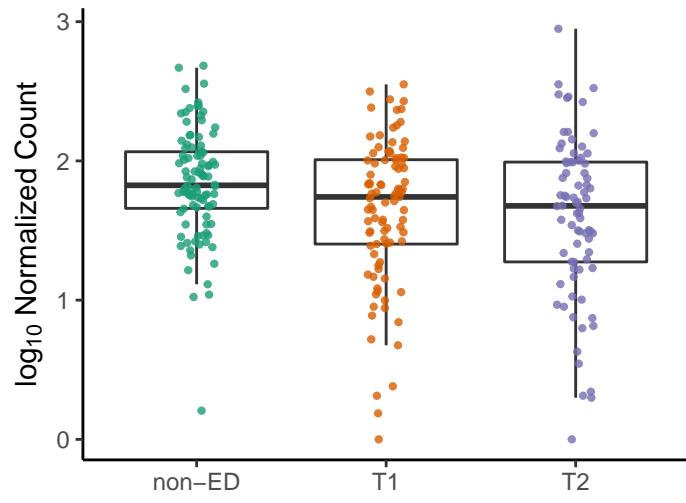
### *Novosphingobium* sp. P6W

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.73



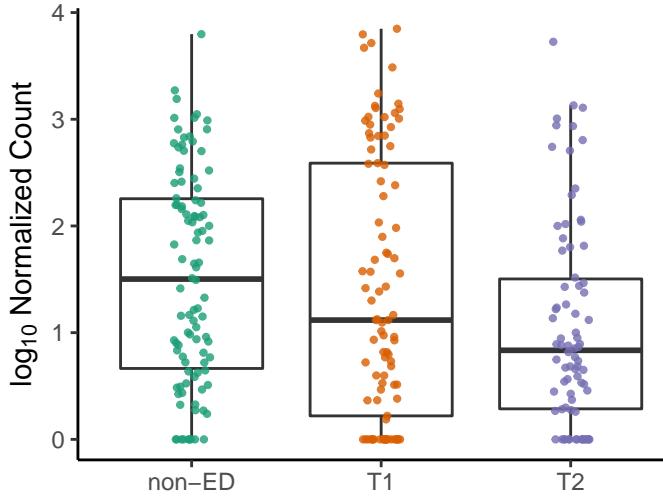
### *Sphingobium baderi*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.92



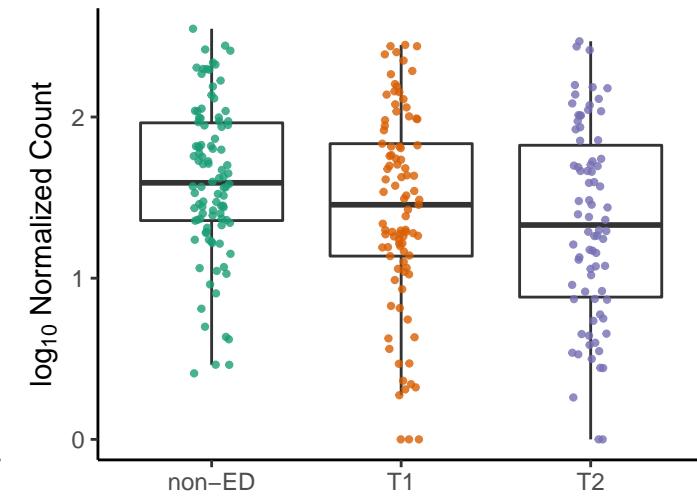
### Unclassified Akkermansia Genus

non-ED vs. T1 adjusted p = 0.59  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.45



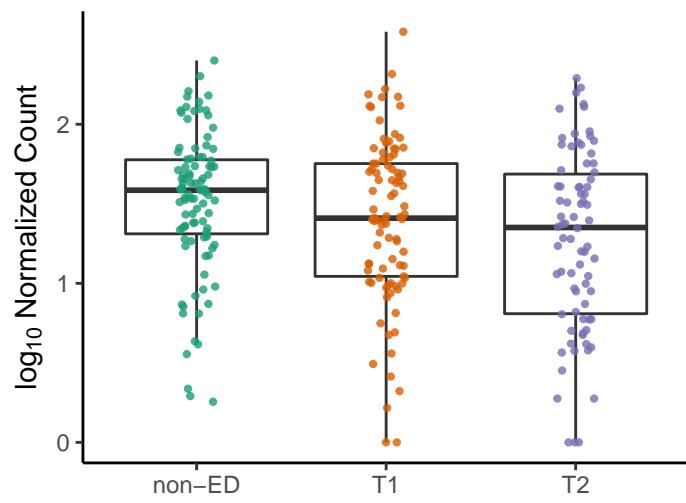
### *Halobacterium* sp. DL1

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



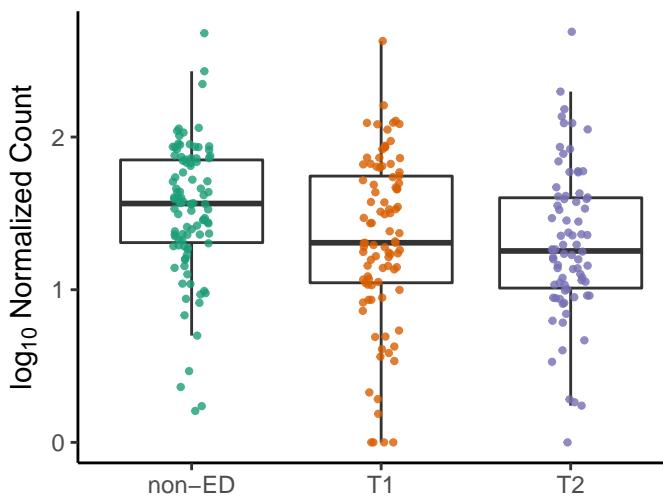
### *Humibacter* sp. BT305

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.69



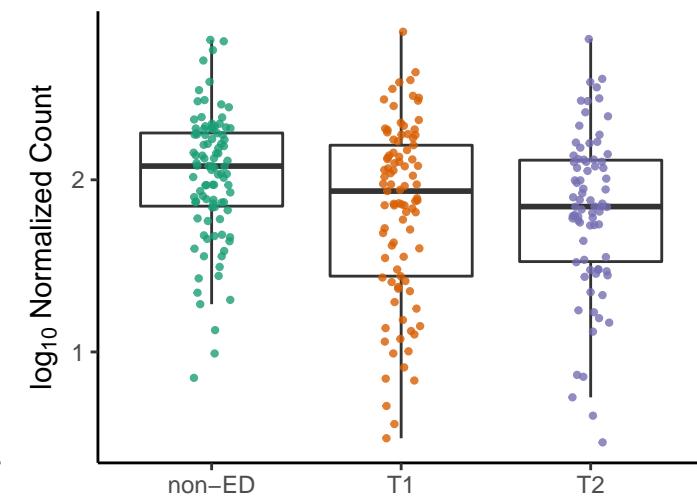
### *Helicobacter himalayensis*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.95



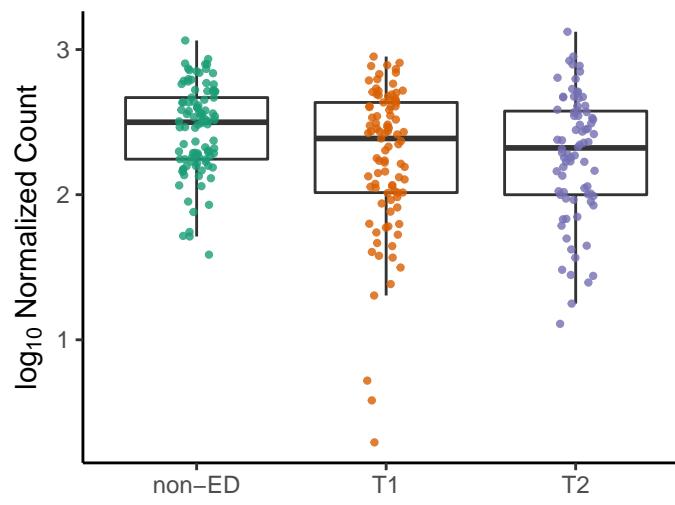
### *Streptomyces* katrae

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.96



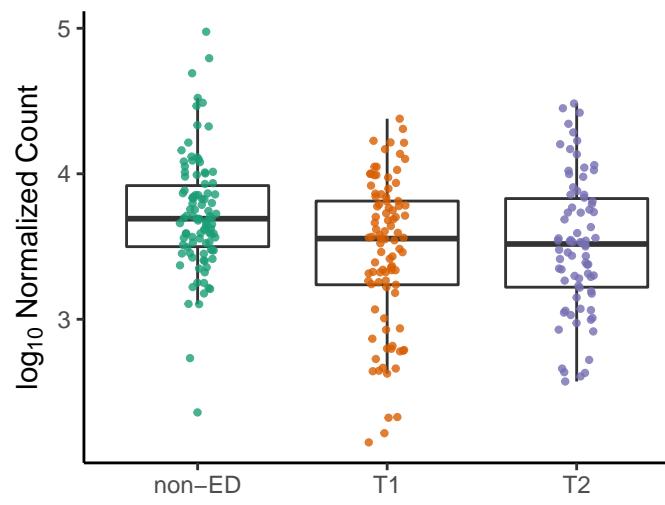
### *Cupriavidus paucus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.81



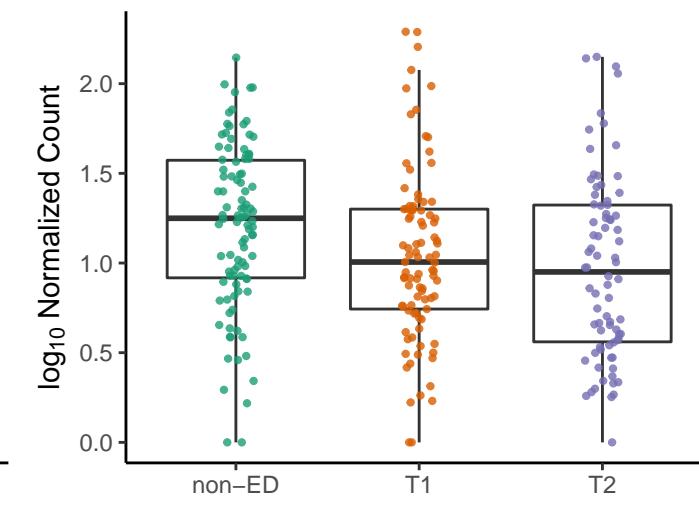
### Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.67



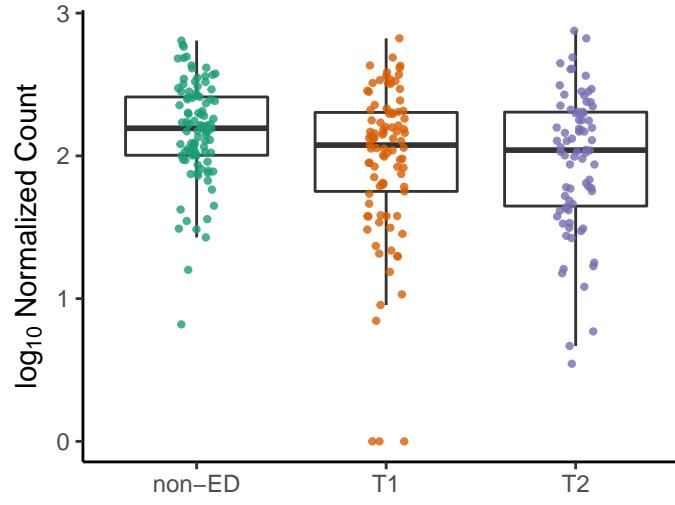
### *alpha proteobacterium HIMB59*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.73



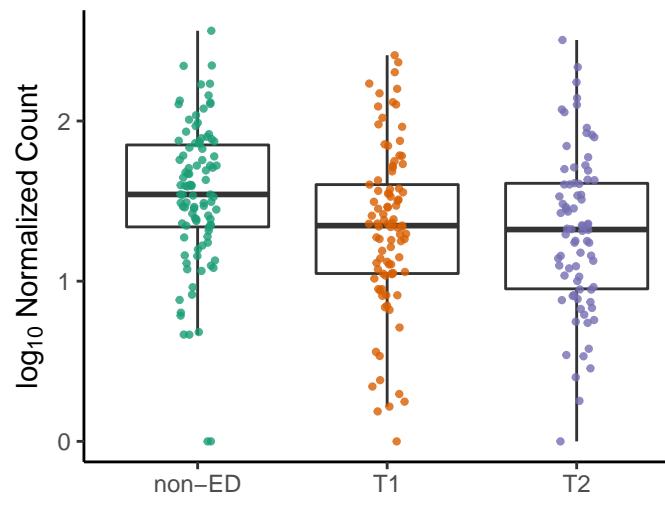
### *Martelella endophytica*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



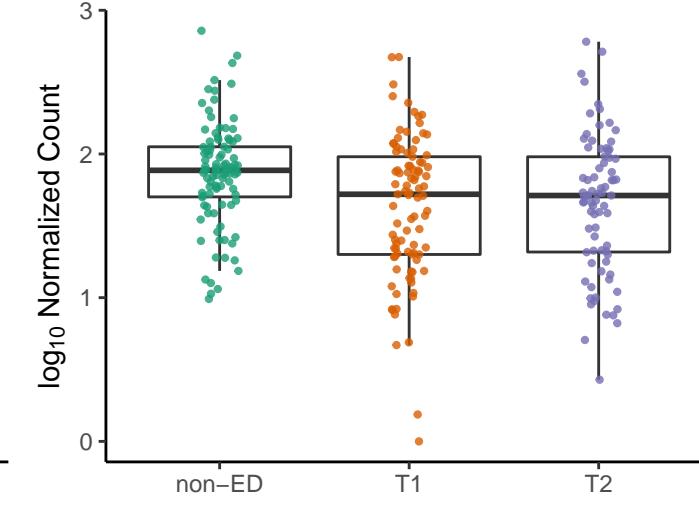
### *Mycoplasma hominis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.81



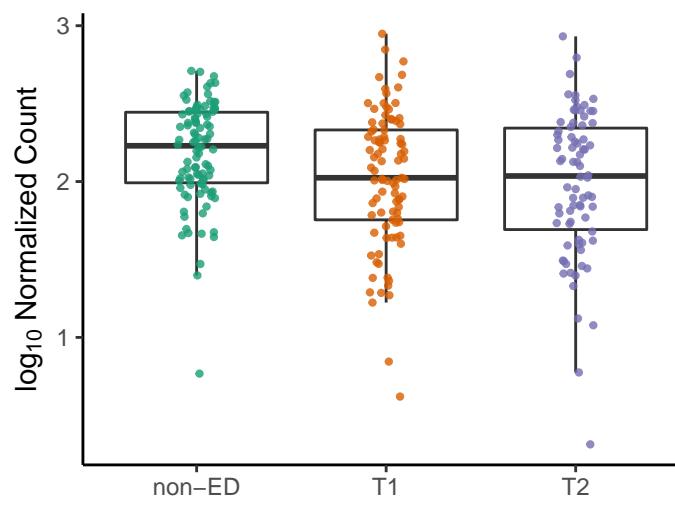
### *Corynebacterium glaucum*

non-ED vs. T1 adjusted p = 0.0049  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.74



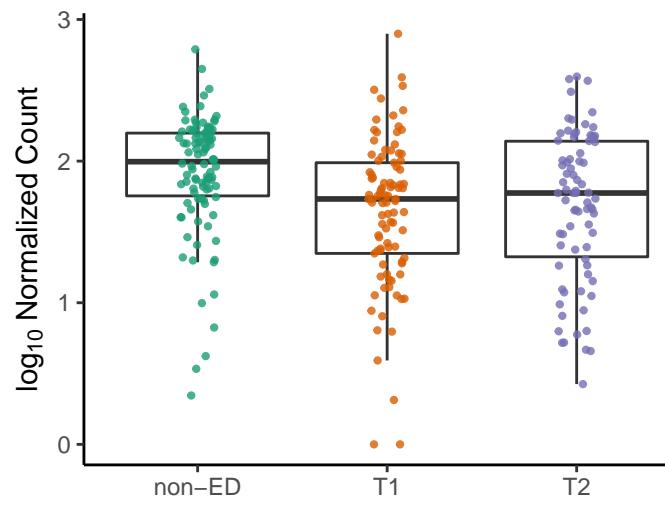
### *Marichromatium purpuratum*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.94



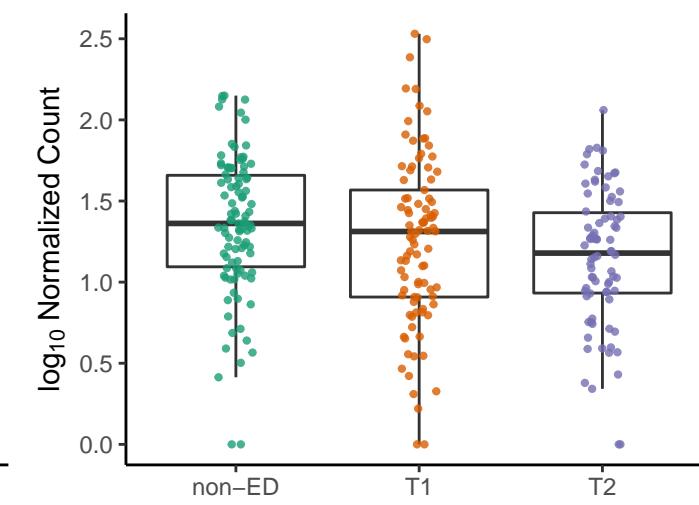
### *Planctomycetes bacterium Pan189*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.77



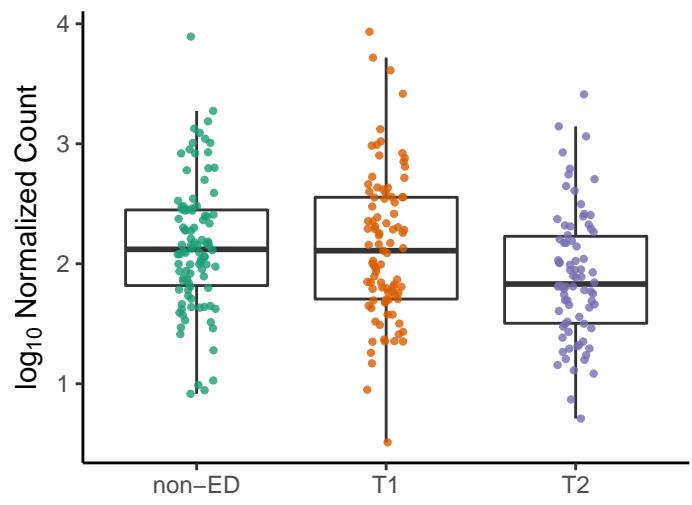
### *Methanobacterium congolense*

non-ED vs. T1 adjusted p = 0.28  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.77



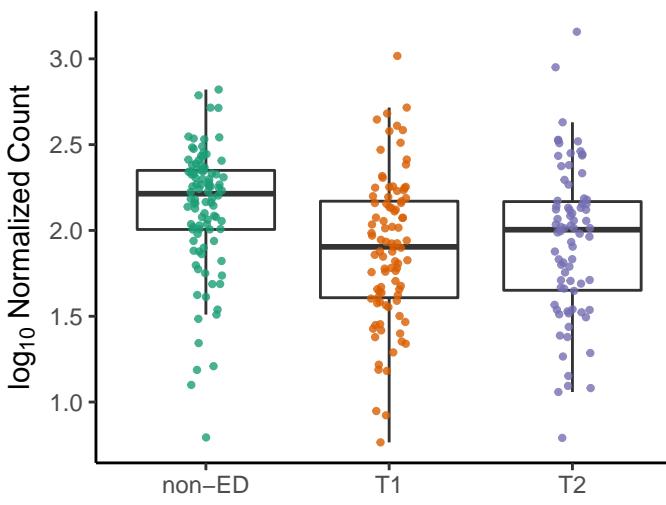
### *Enterobacter hormaechei*

non-ED vs. T1 adjusted p = 0.92  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.12



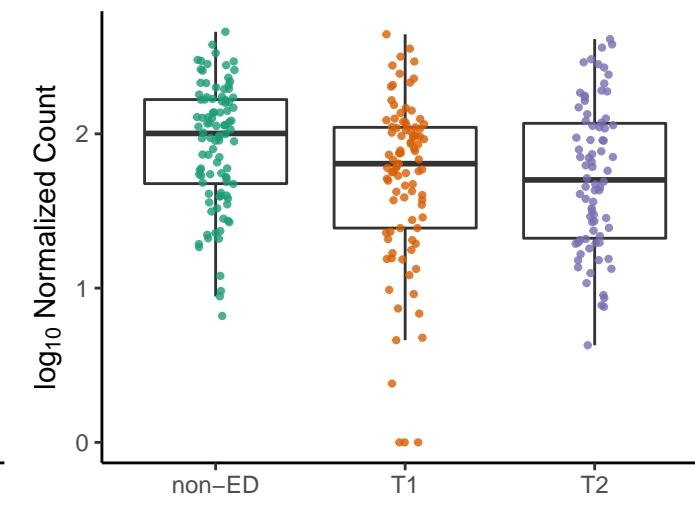
### *Ignavibacterium album*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.87



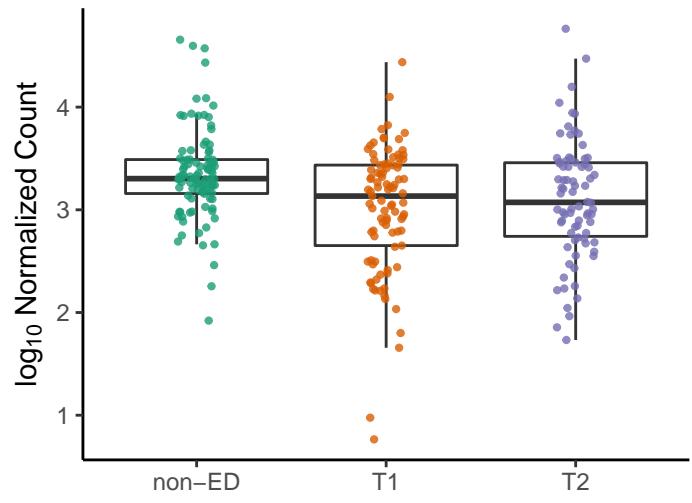
### *Mycobacterium parvum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.79



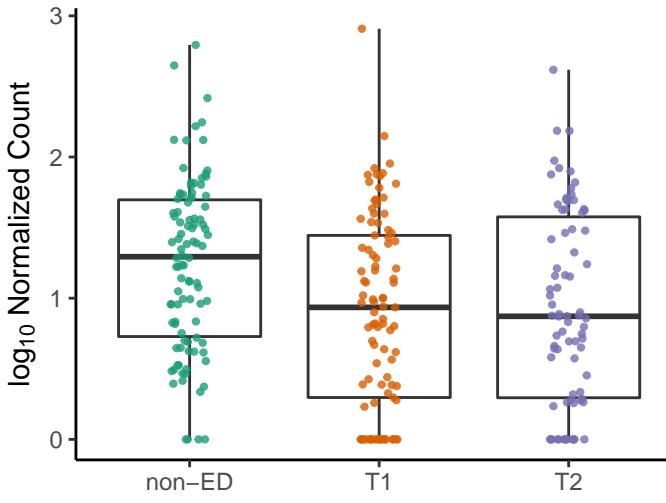
### *Olsenella sp. GAM18*

non-ED vs. T1 adjusted p = 0.00082  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.63



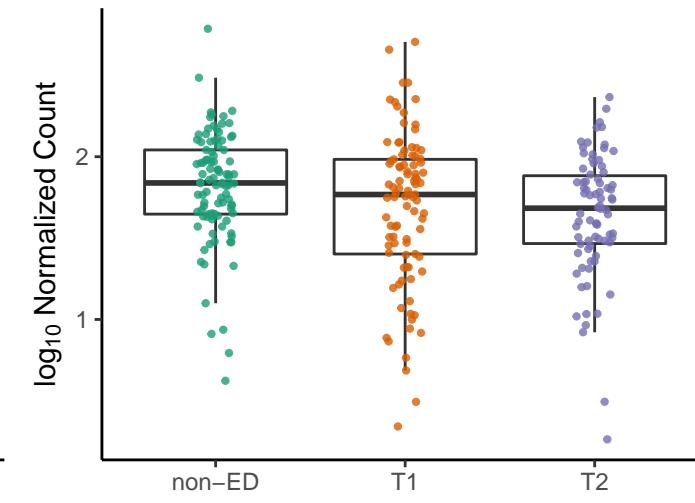
### *Pseudomonas soli*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.8



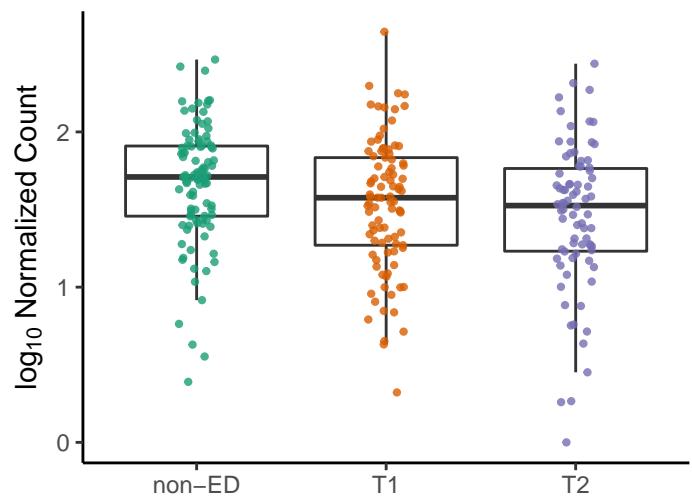
### *Shewanella loihica*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.89



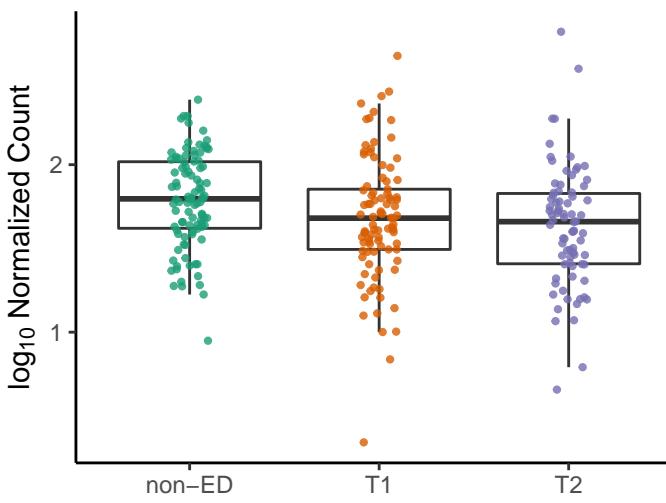
### *Shewanella woodyi*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.7



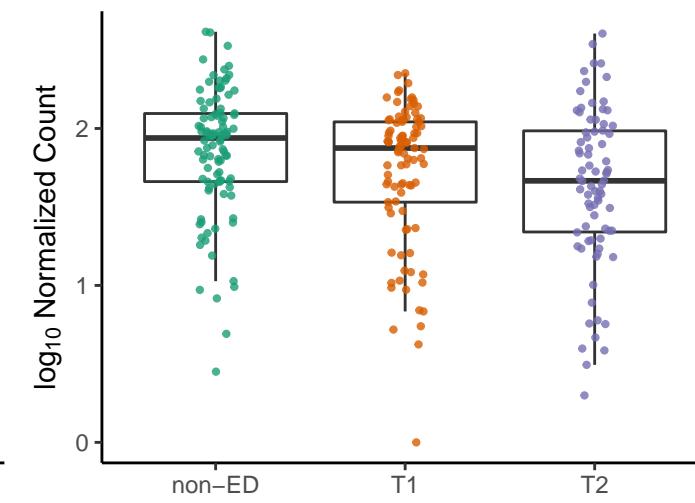
### *Snodgrassella alvi*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.74



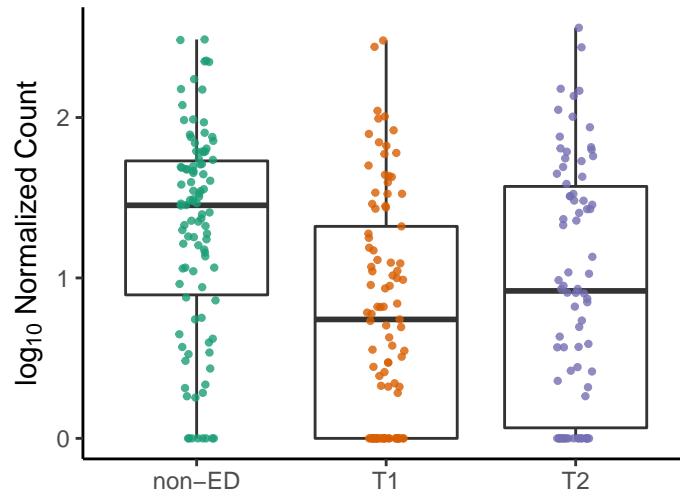
### *Sphingorhabdus sp. M41*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.7



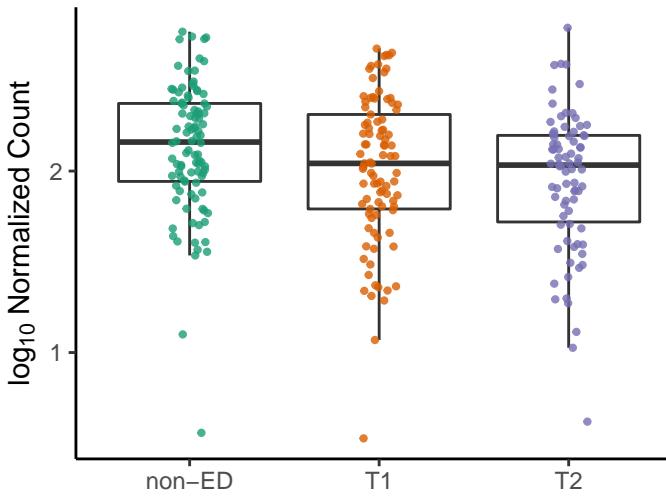
### Unclassified Georgenia Genus

non-ED vs. T1 adjusted p = 7.8e-05  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.47



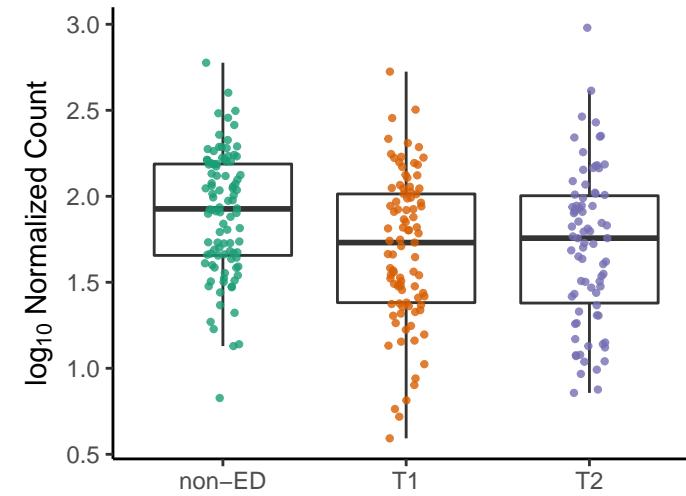
### endosymbiont TC1 of Trimyema compressum

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.74



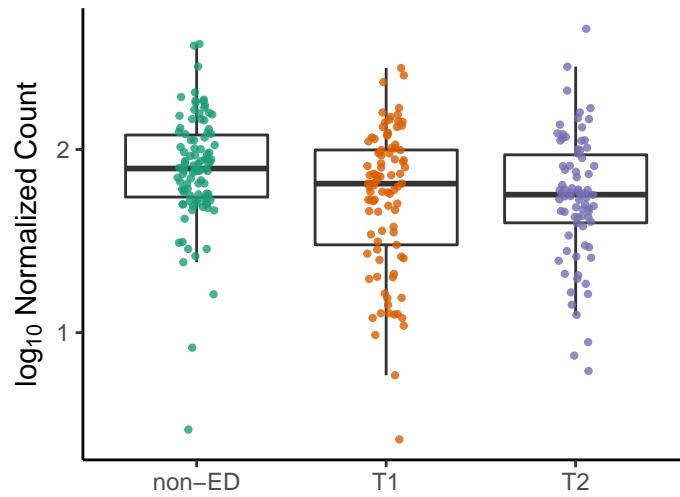
### Microbacterium pygmaeum

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.86



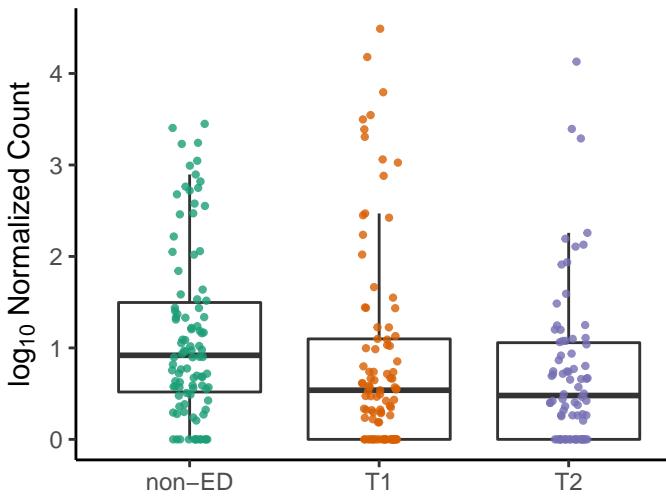
### Iodobacter sp. H11R3

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.8



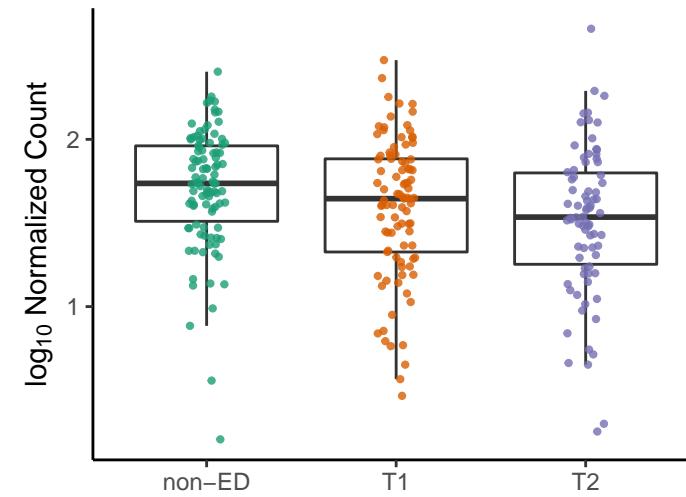
### Unclassified Methanobrevibacter Genus

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



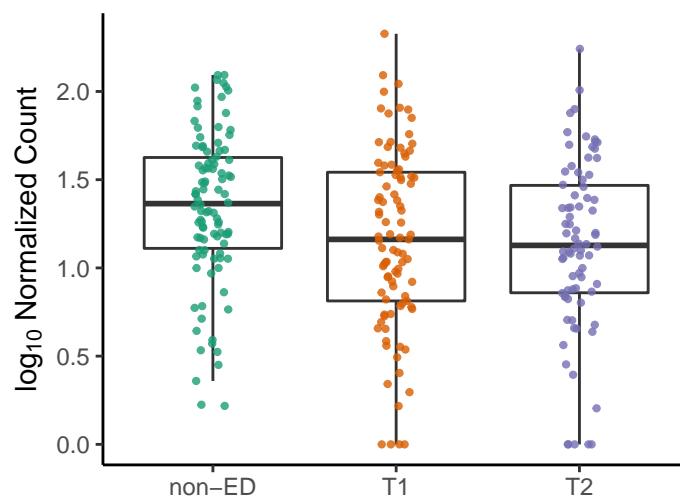
### Nonlabens sp. MB-3u-79

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.68



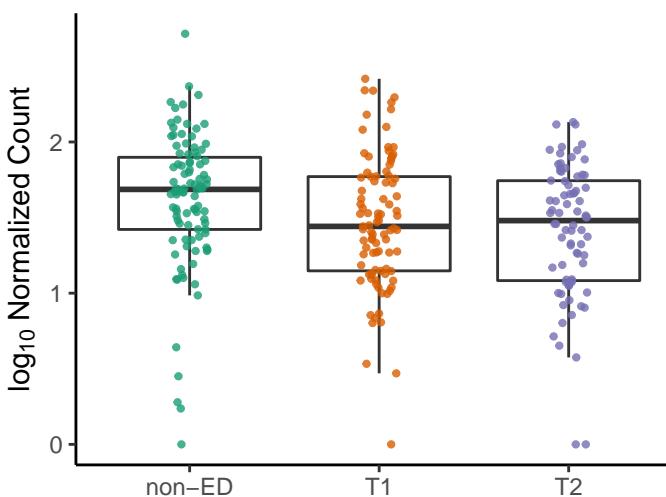
### Candidatus Amoebophilus asiaticus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.88



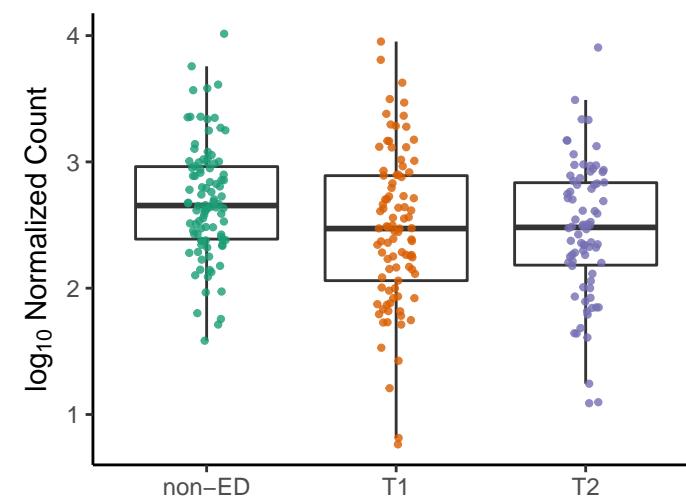
### Sulfurimonas sp. GYSZ\_1

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.76



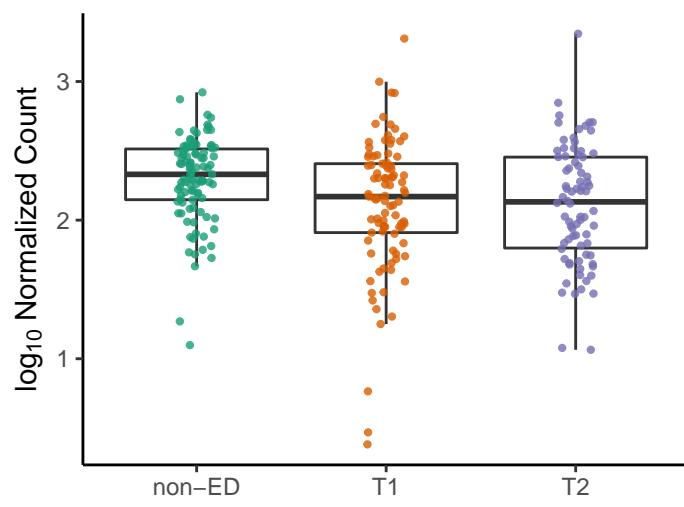
### Schaalia meyeri

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.91



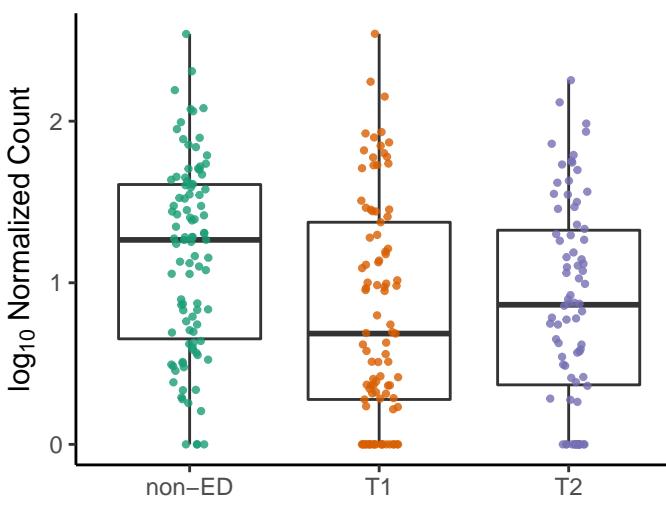
### *Geobacter sulfurreducens*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.82



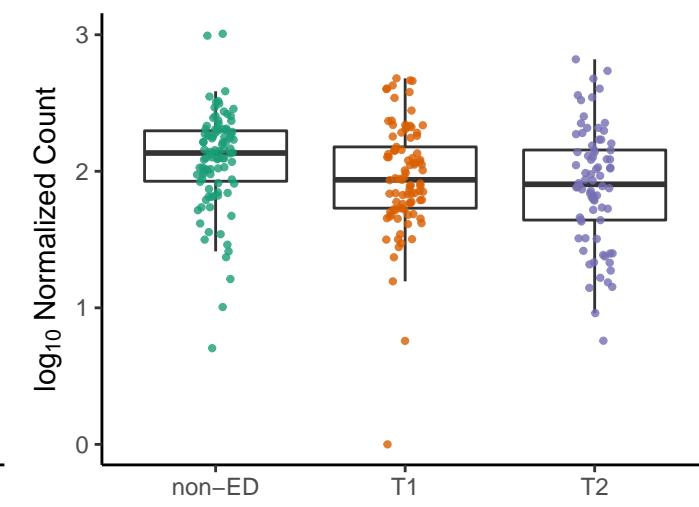
### Unclassified Rhodoluna Genus

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.78



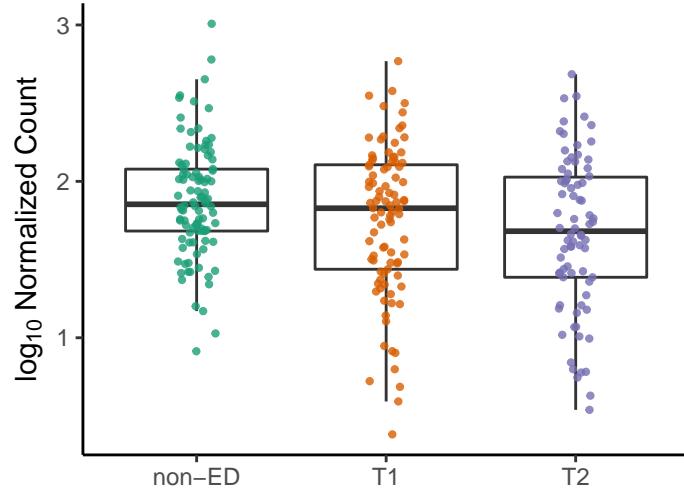
### *Fusobacterium gonidiaformans*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.73



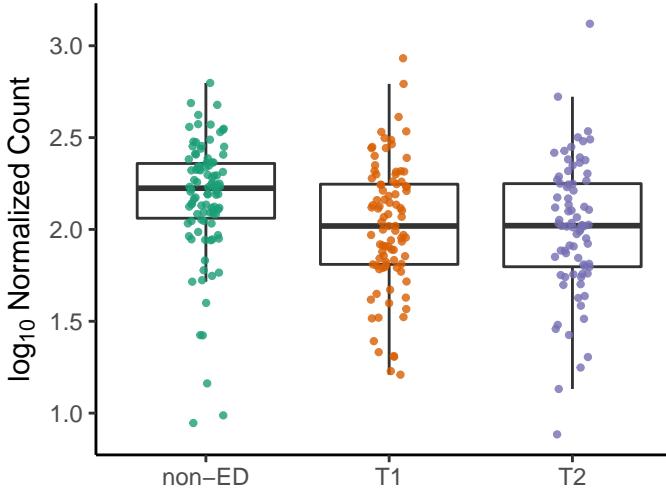
### *Halioglobus japonicus*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.84



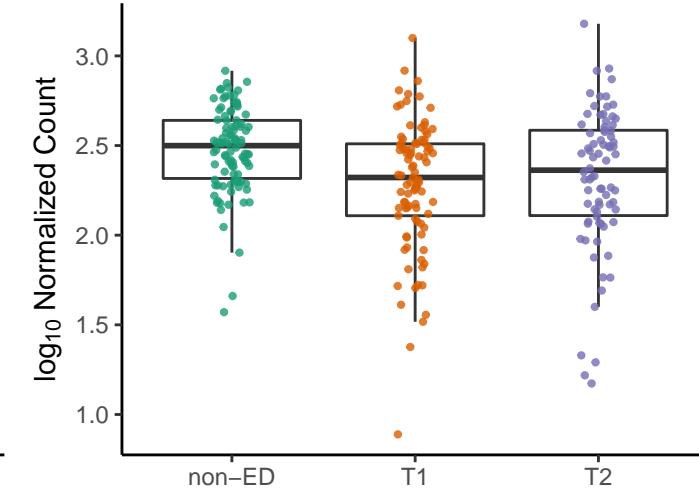
### *Bacillus pseudomycoides*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.99



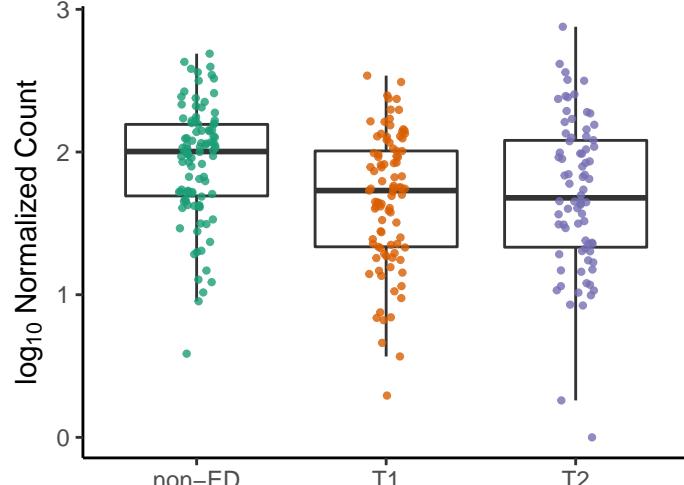
### *Bifidobacterium asteroides*

non-ED vs. T1 adjusted p = 0.001  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.67



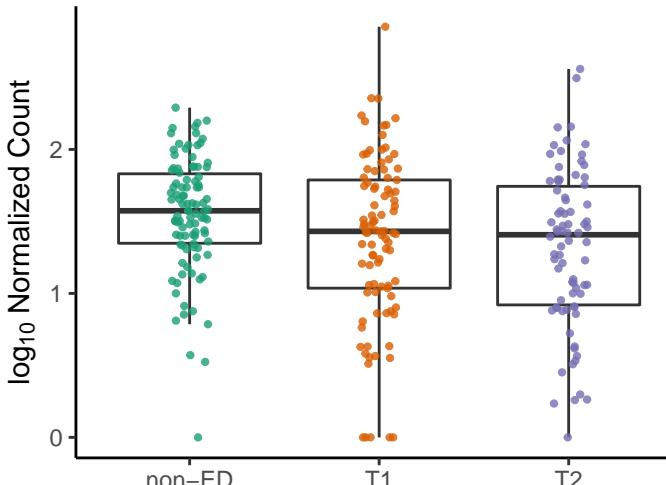
### *Corynebacterium imitans*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



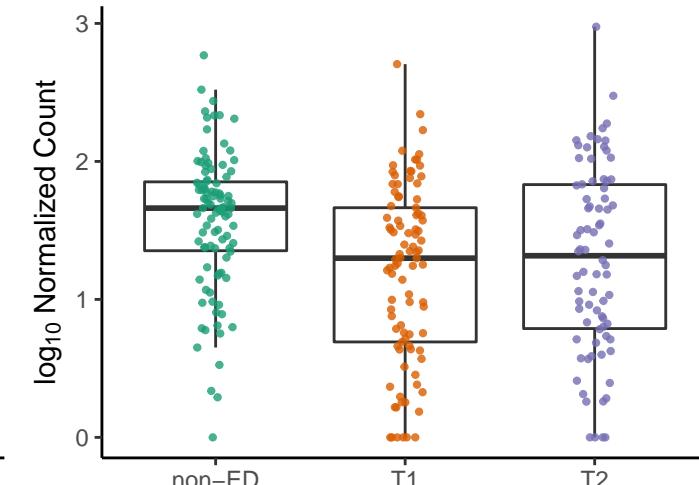
### *Methanobacterium formicum*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.81



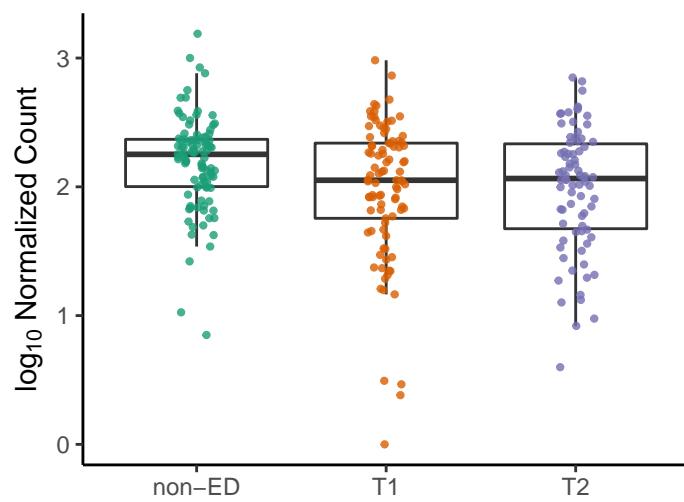
### *Streptomyces* sp. M56

non-ED vs. T1 adjusted p = 0.00049  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.68



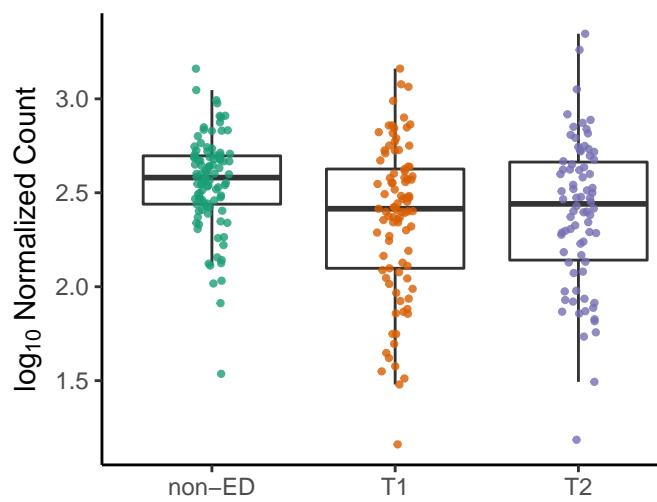
### *Alkalilimnicola ehrlichii*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.8



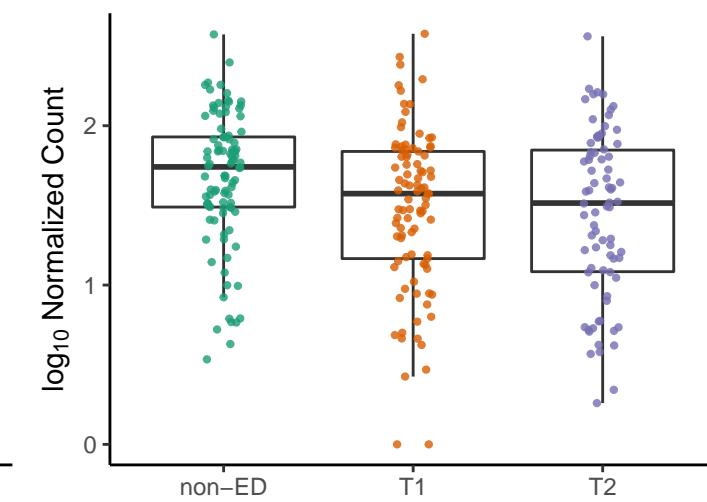
### *Fibrobacter succinogenes*

non-ED vs. T1 adjusted p = 0.0032  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.74



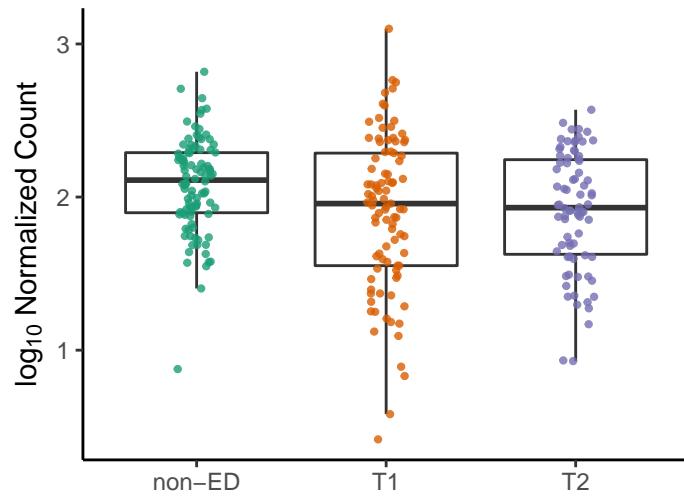
### *Shewanella maritima*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.89



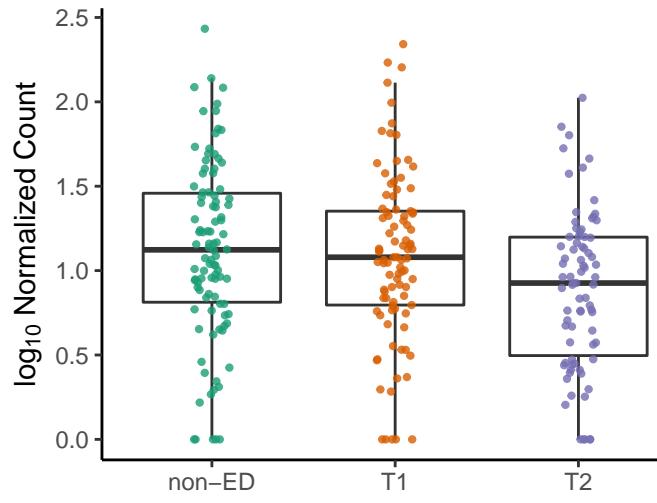
### *Planctomycetes bacterium Pan44*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.79



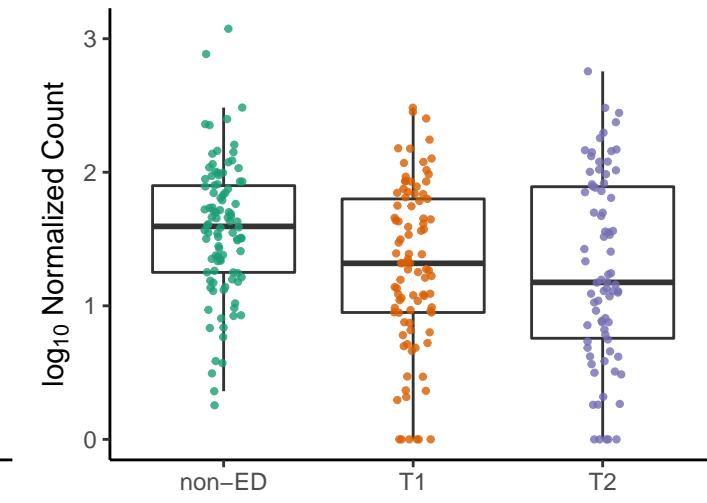
### *Mycoplasma salivarium*

non-ED vs. T1 adjusted p = 0.75  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.15



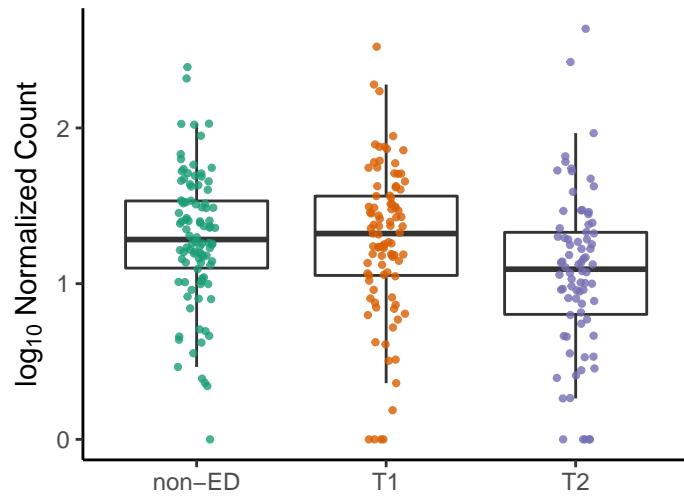
### *Blastomonas sp. RAC04*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.95



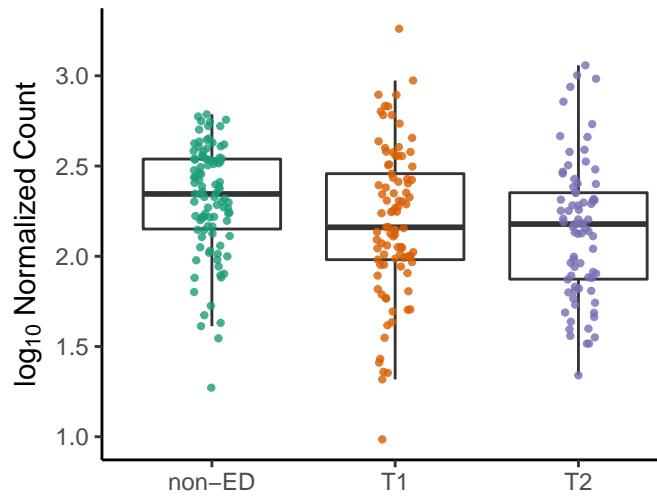
### *Candidatus Methylopumilus rimovensis*

non-ED vs. T1 adjusted p = 0.81  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.13



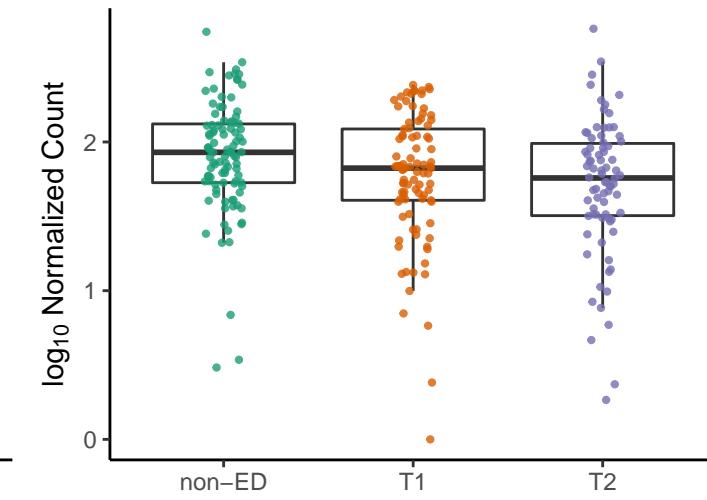
### *Fastidiosipila sanguinis*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.79



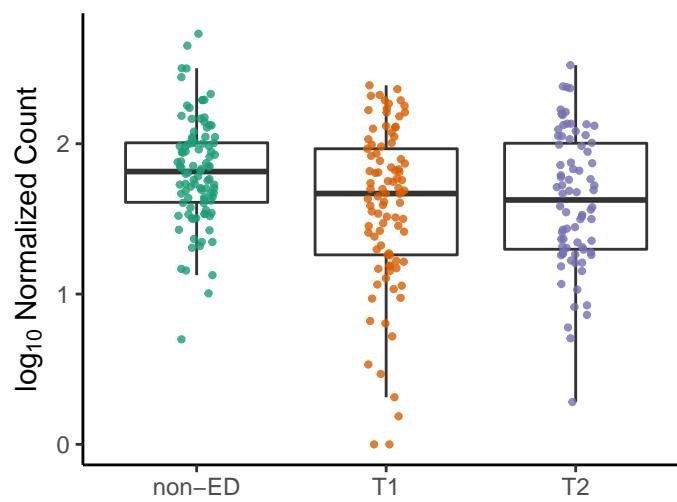
### *Maritalea myrionectae*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.77



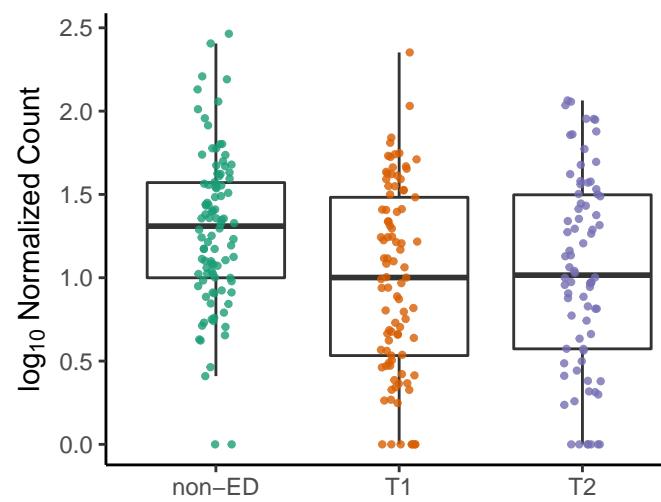
### *Methanosaeta harundinacea*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.77



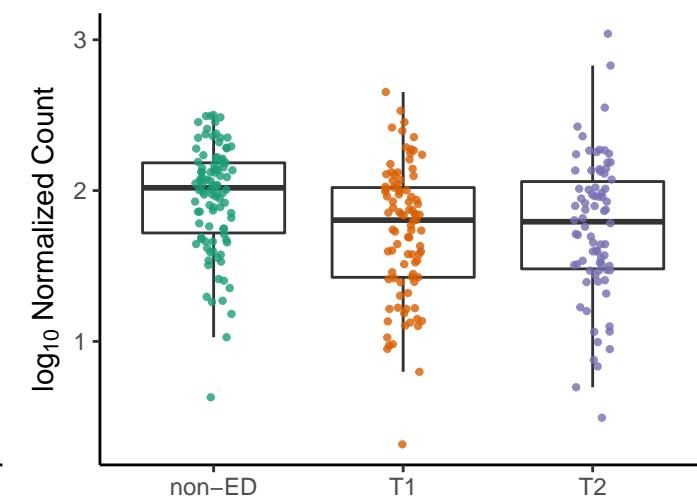
### Unclassified Anaplasma Genus

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.7



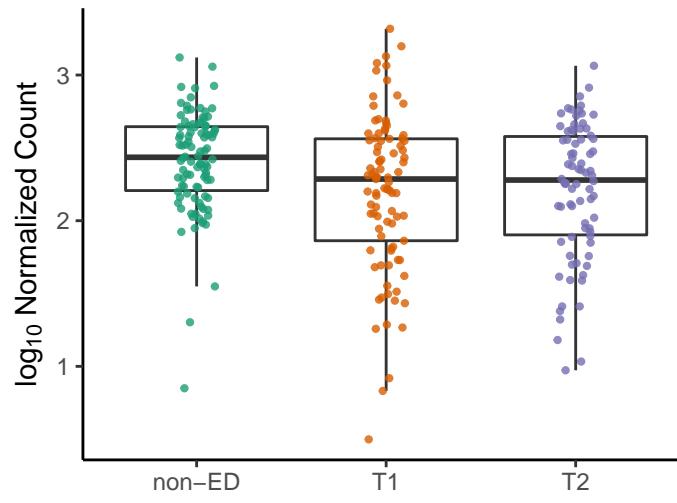
### *Pantoea* sp. SO10

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.88



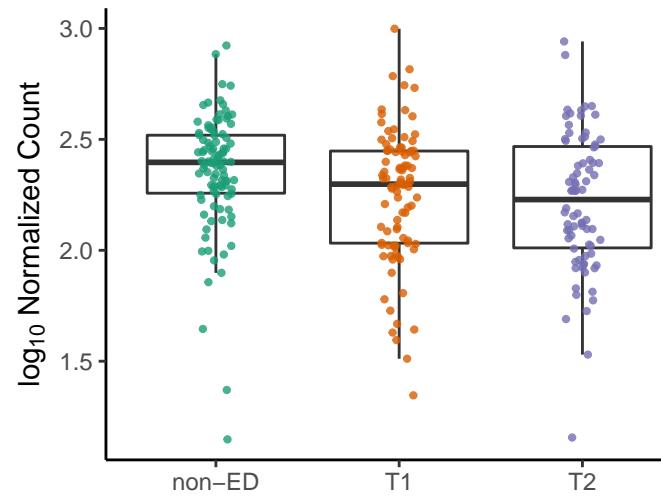
### *Propionimicrobium* sp. Marseille-P3275

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.84



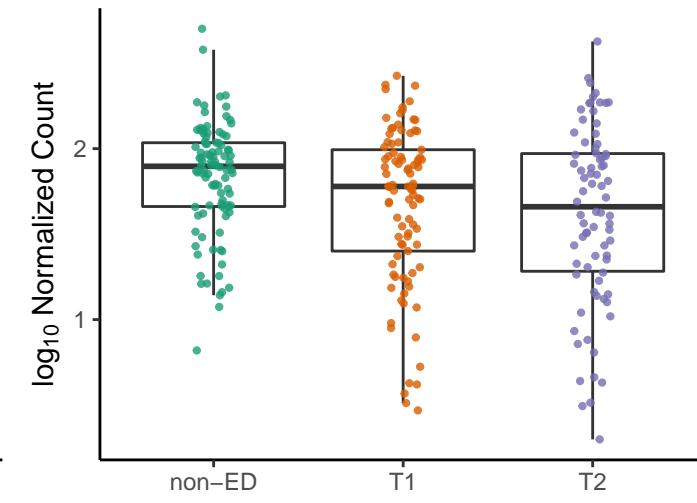
### Unclassified Thermotoga Genus

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.89



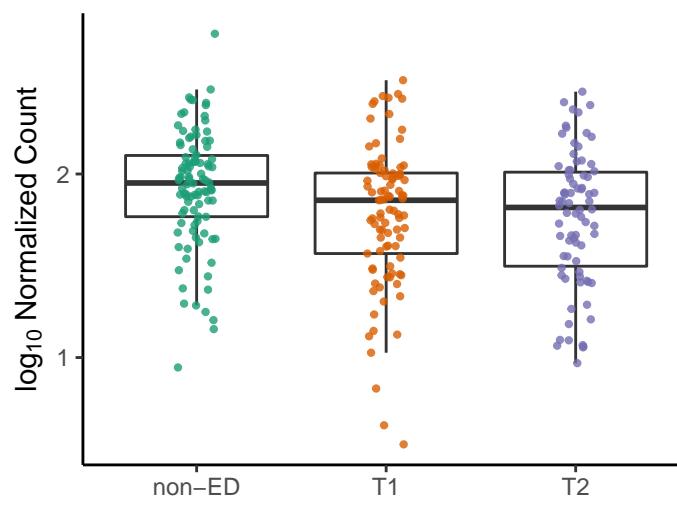
### *Bradyrhizobium* paxllaeri

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.84



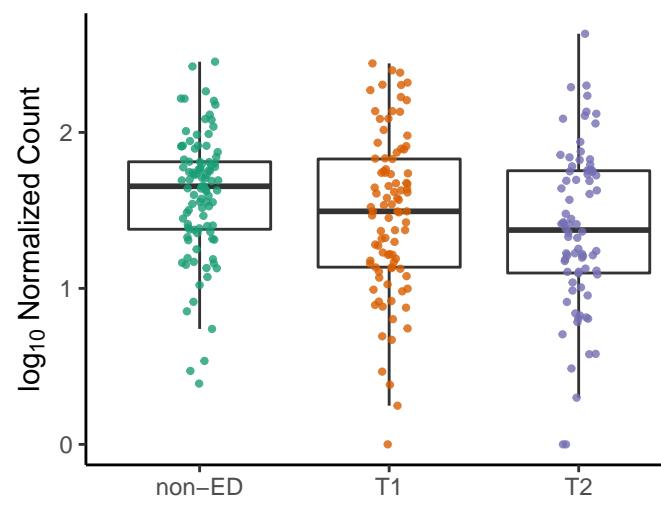
### *Anoxybacillus amylolyticus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.84



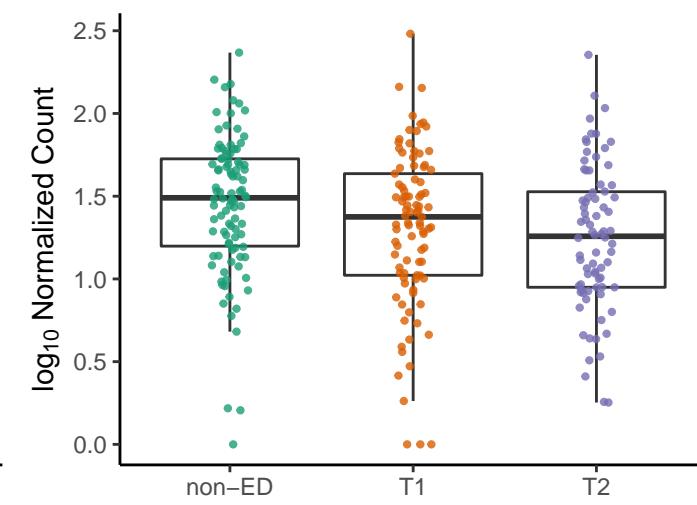
### *Xenorhabdus hominickii*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.66



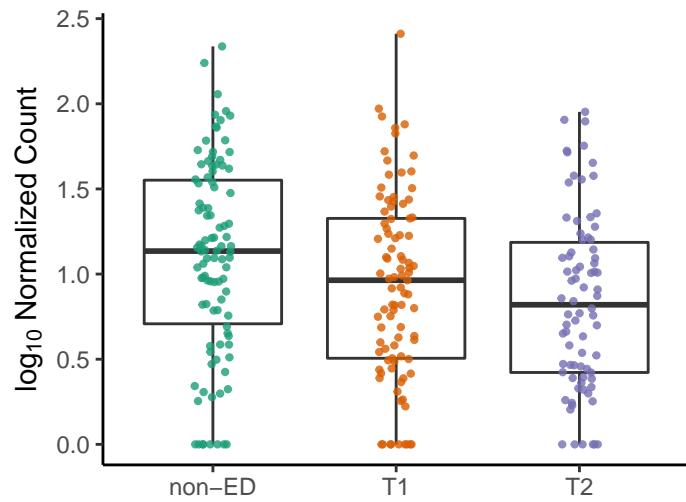
### *Colwellia* sp. MT41

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.67



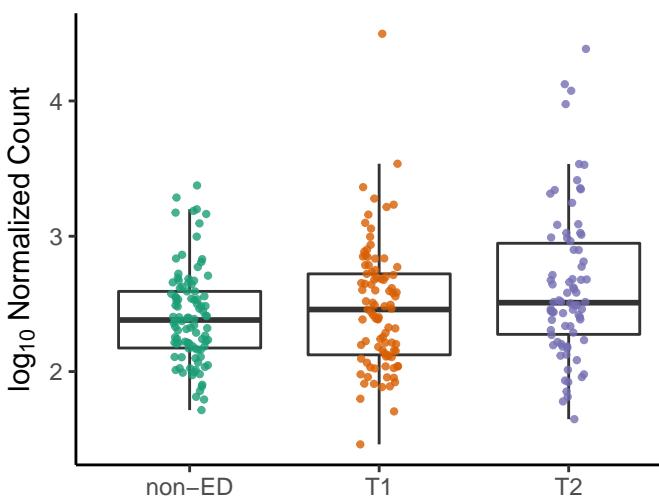
### *Pyrococcus kukulkanii*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.74



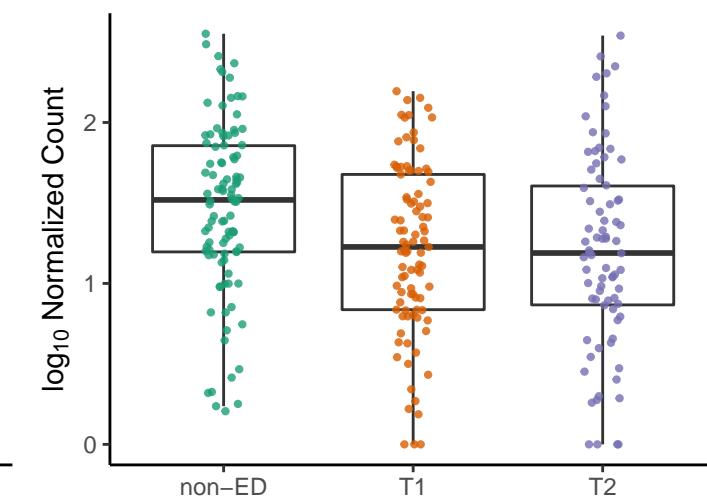
### Unclassified Anaerostipes Genus

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.48



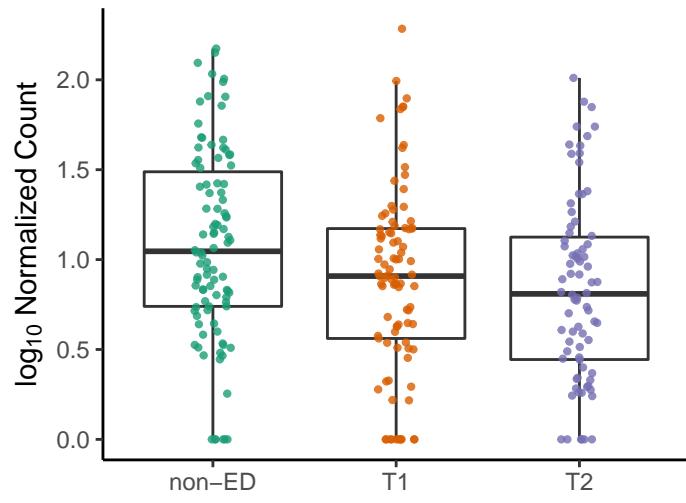
### *Shewanella* sp. ANA-3

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.98



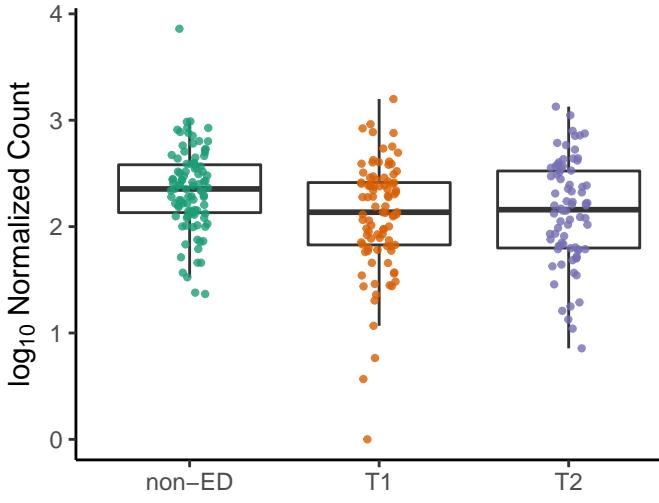
### *Mycoplasma meleagridis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.76



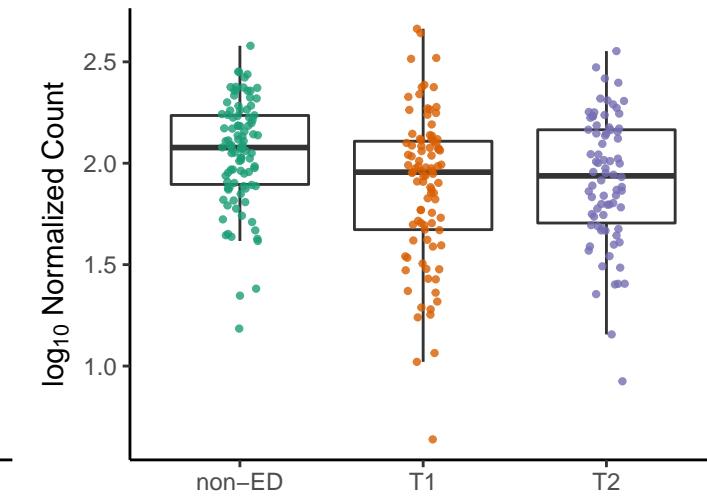
### *Massilia oculi*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.68



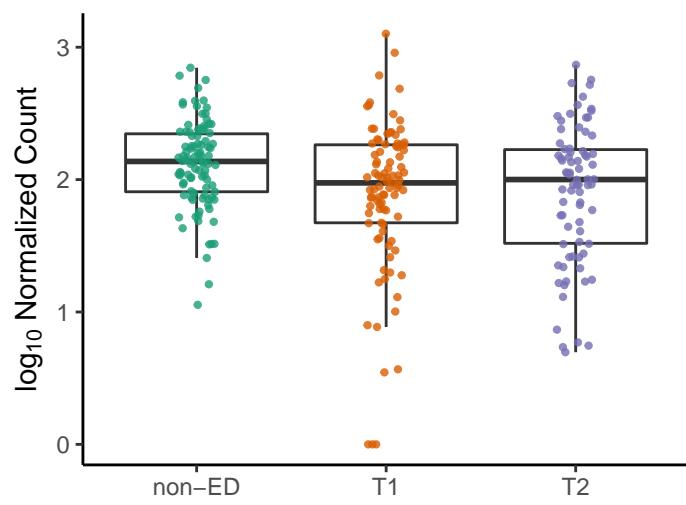
### *Lactobacillus mucosae*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.73



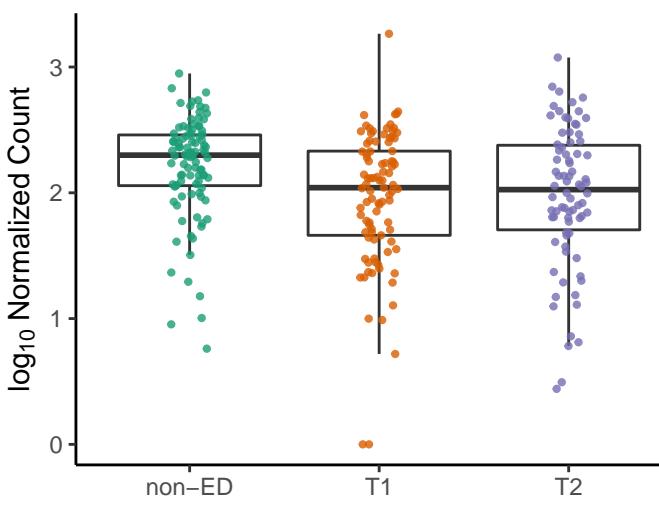
### *Ectothiorhodospira haloalkaliphila*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.8



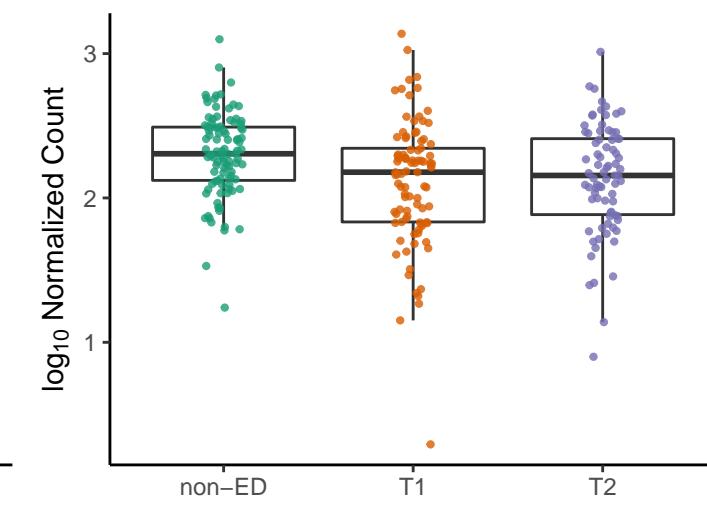
### *Salinicola tamaricis*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.84



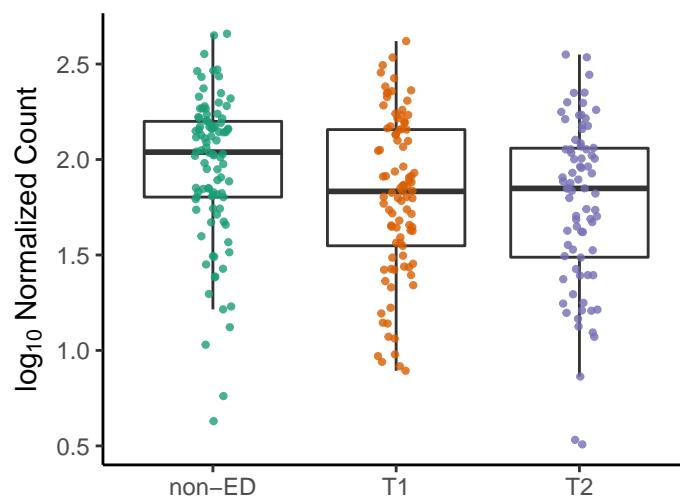
### *Meiothermus ruber*

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.71



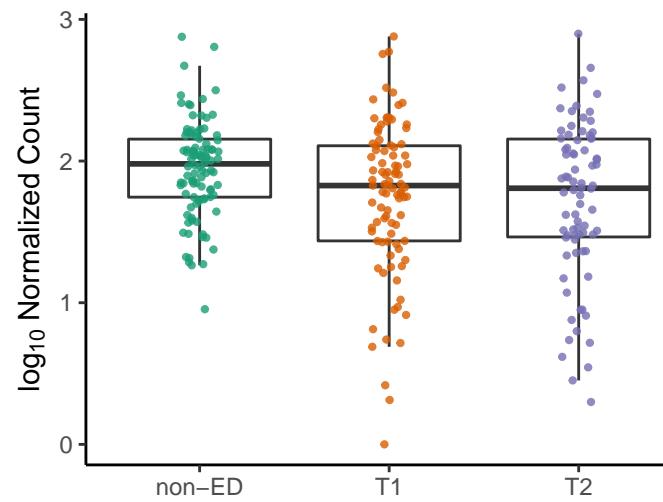
### Unclassified Wolbachia Genus

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



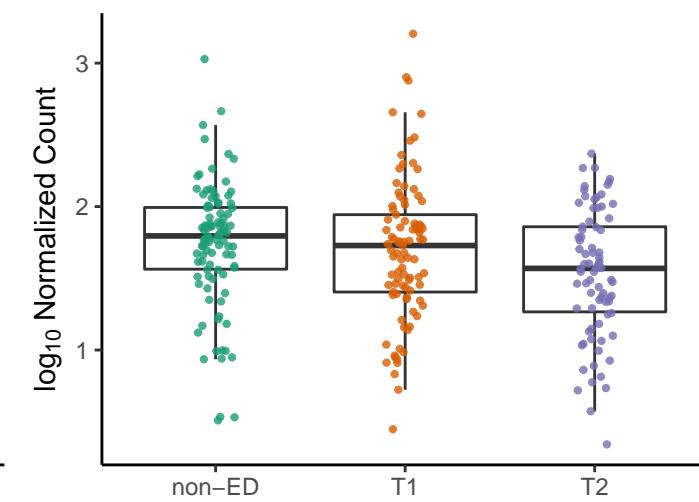
### Variibacter gotjawalensis

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.97



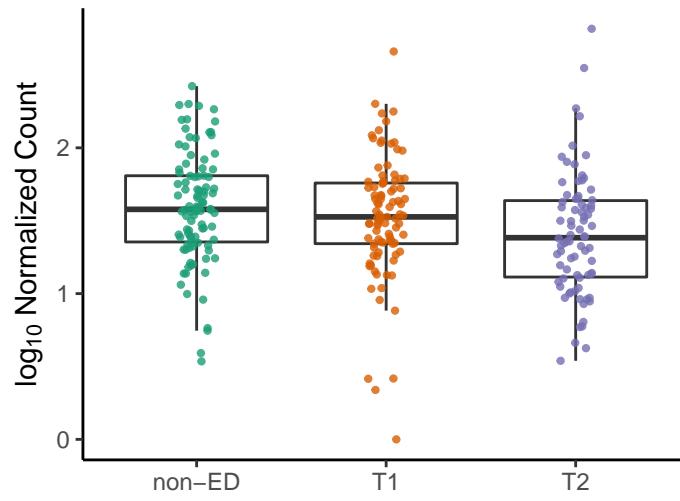
### Raoultella terrigena

non-ED vs. T1 adjusted p = 0.61  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.57



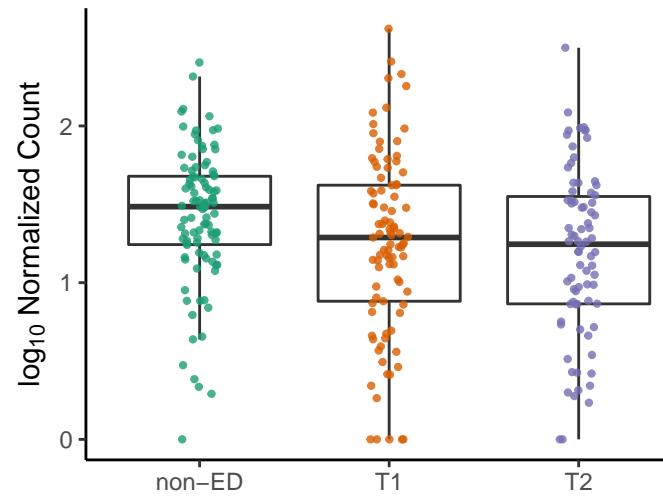
### Marinomonas sp. MWYL1

non-ED vs. T1 adjusted p = 0.39  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.62



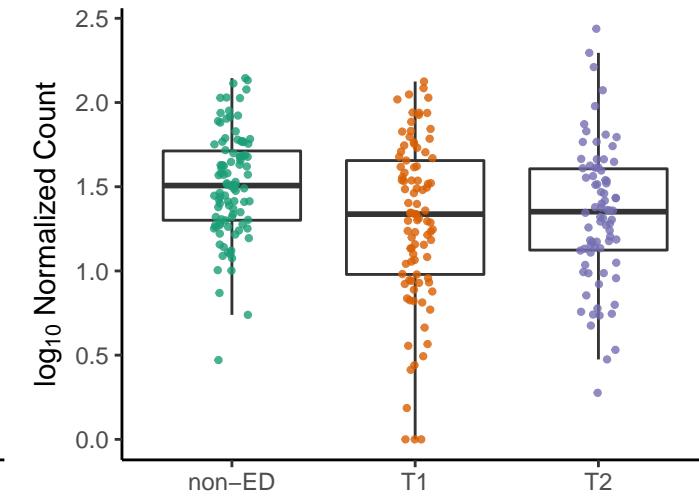
### Cnubacter physcomitrellae

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



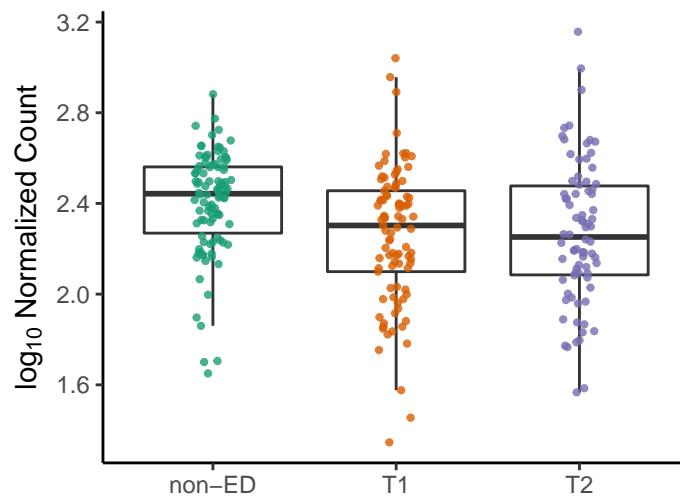
### Pontimonas salivibrio

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.7



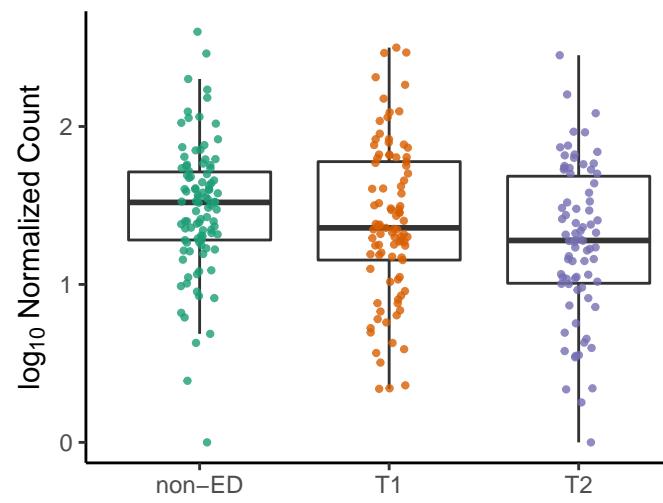
### Paenibacillaceae bacterium GAS479

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.77



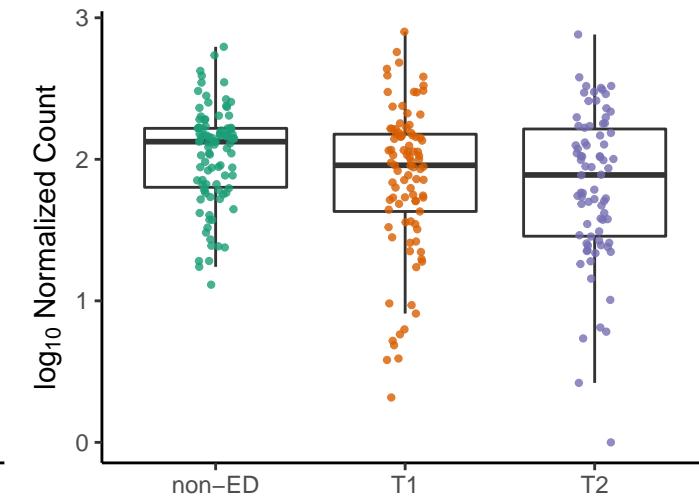
### Pseudothermotoga thermarum

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.64



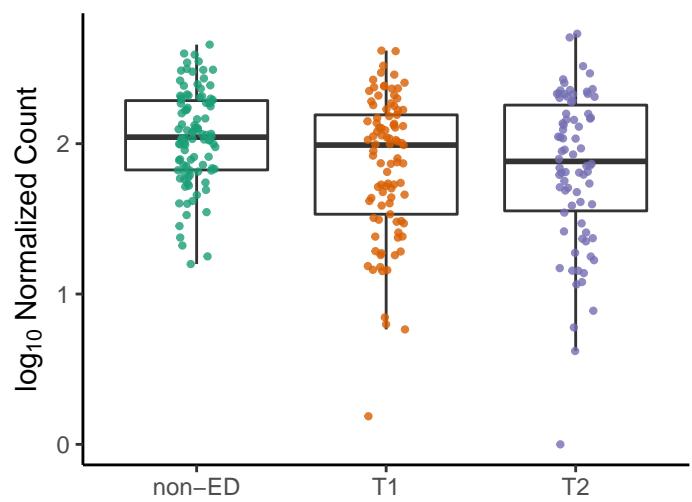
### Rhodoferax sp. CHu59-6-5

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.98



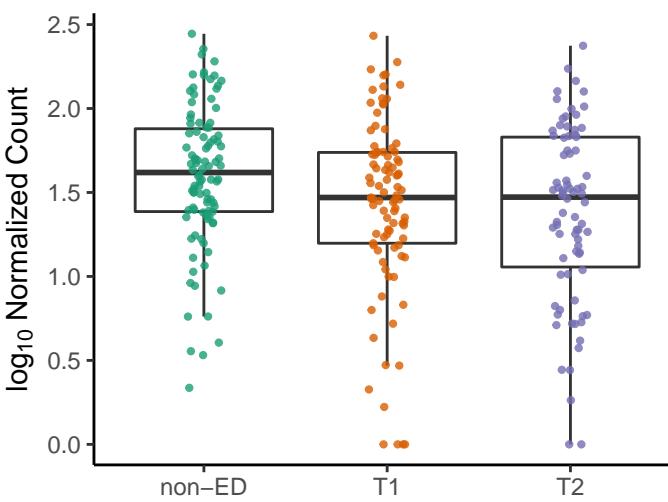
### *Phreatobacter* sp. NMCR1094

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.97



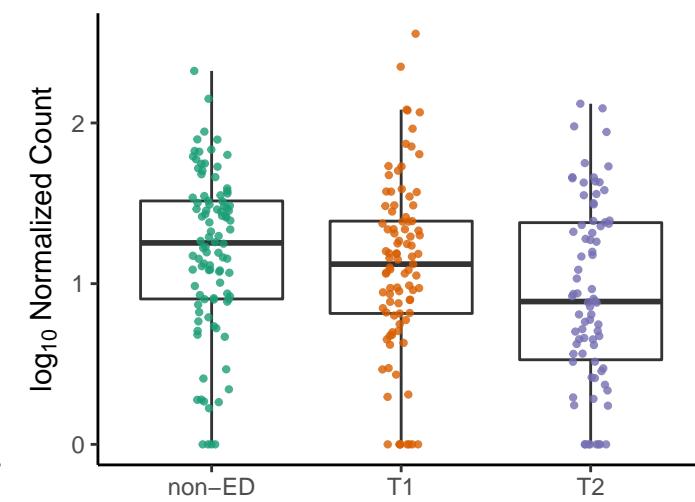
### Unclassified Oscillibacter Genus

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.89



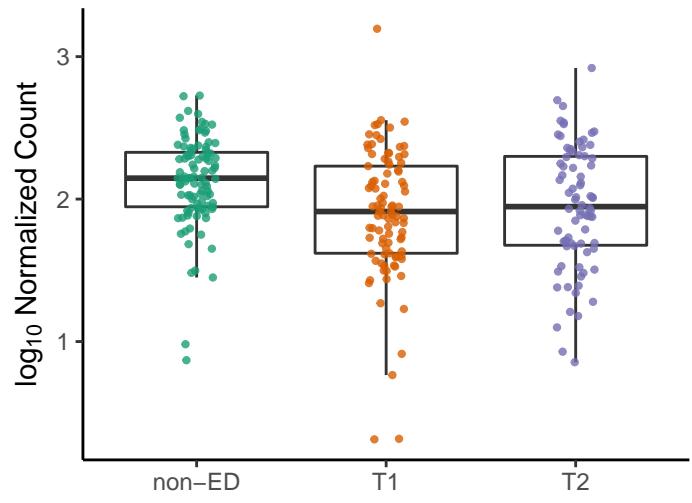
### *Mycoplasma hyorhinis*

non-ED vs. T1 adjusted p = 0.33  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.66



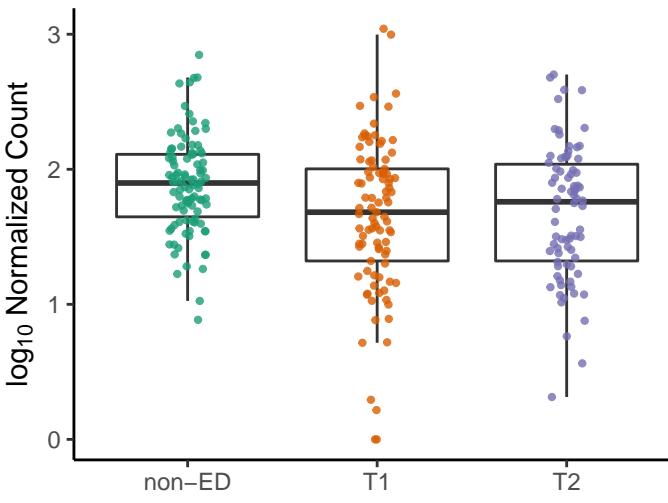
### *Nitratireductor* sp. OM-1

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.72



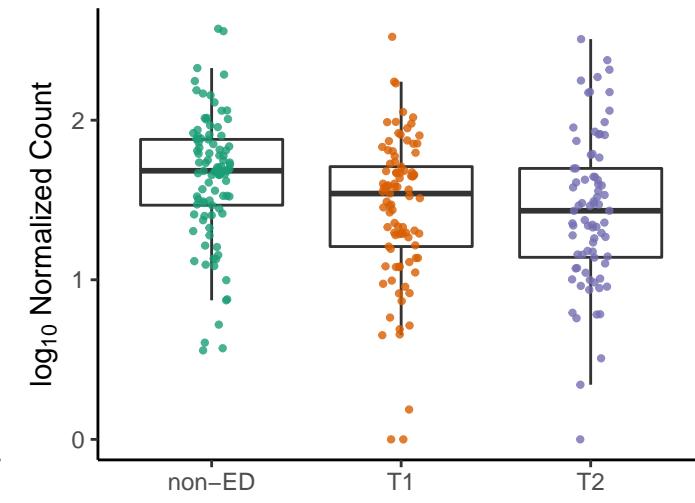
### *Streptomyces* sp. NEAU-S7GS2

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.67



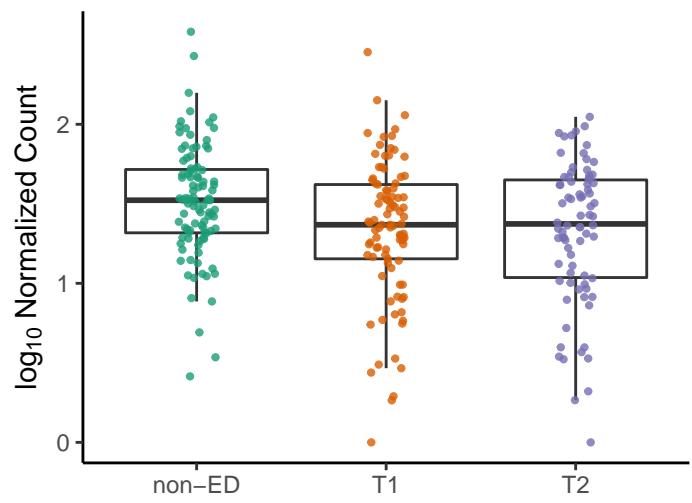
### *Acinetobacter* soli

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.98



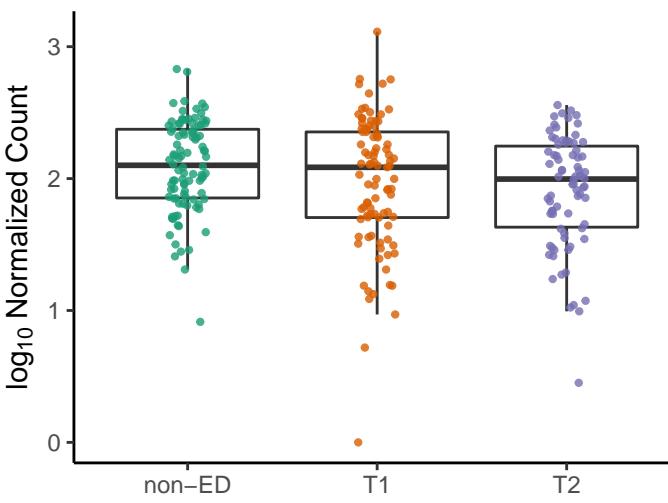
### *Kangiella koreensis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.94



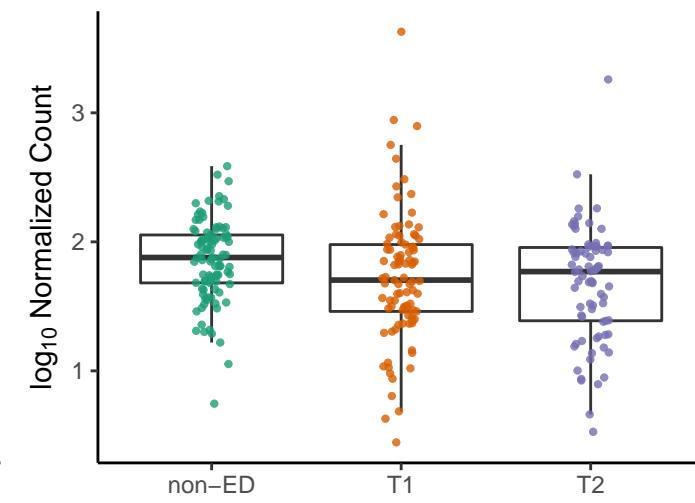
### *gamma proteobacterium* SS-5

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.9

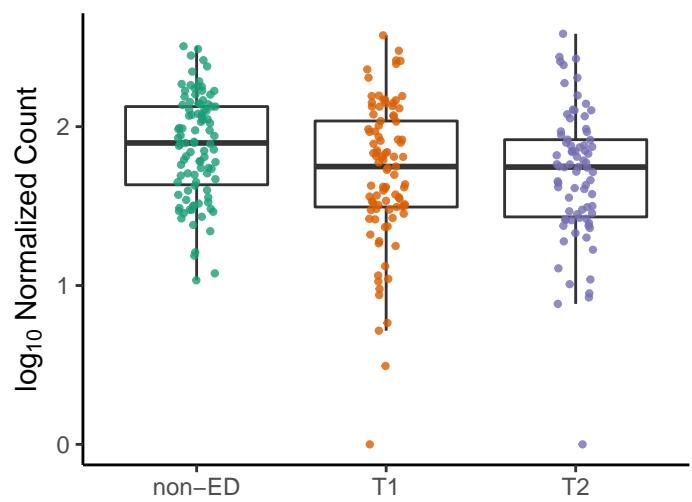


### *Methanobrevibacter ruminantium*

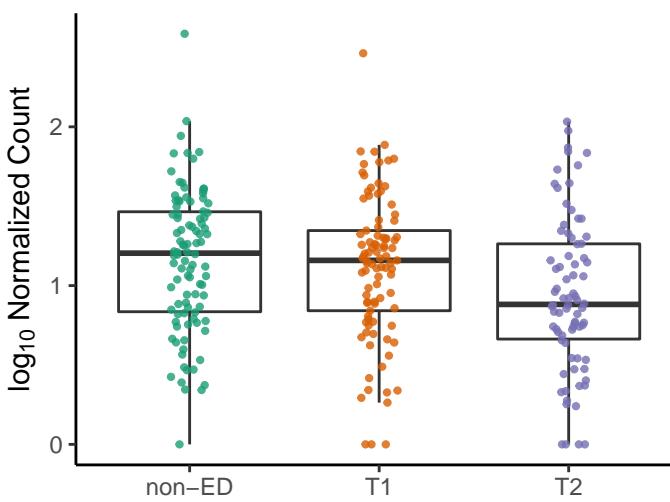
non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.95



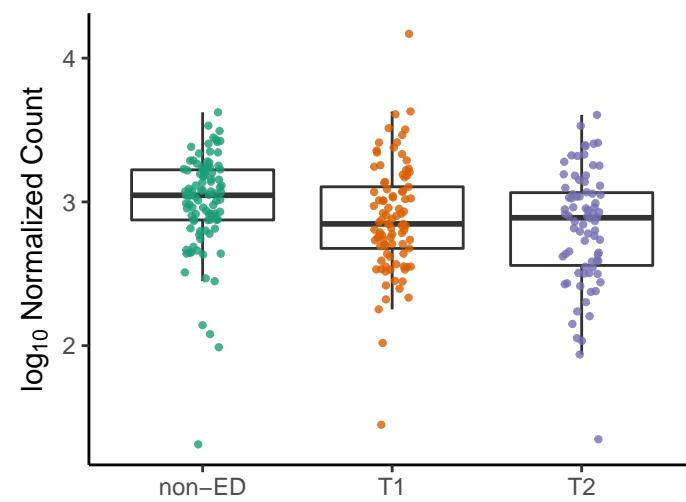
*Pseudolysobacter antarcticus*  
non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.99



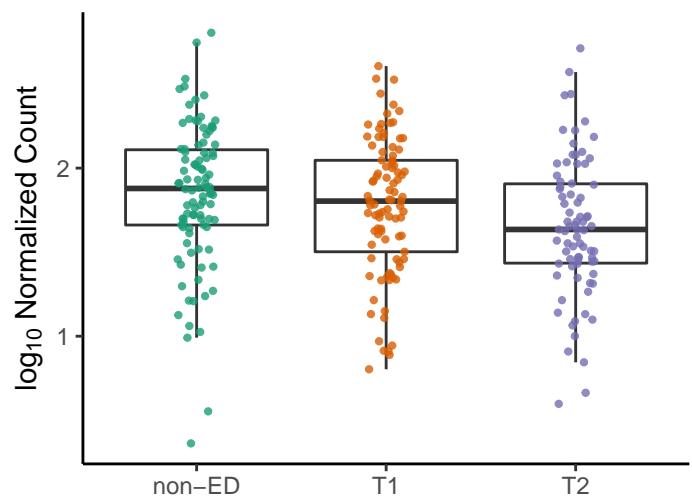
*Candidatus Deianiraea vastatrix*  
non-ED vs. T1 adjusted p = 0.59  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.61



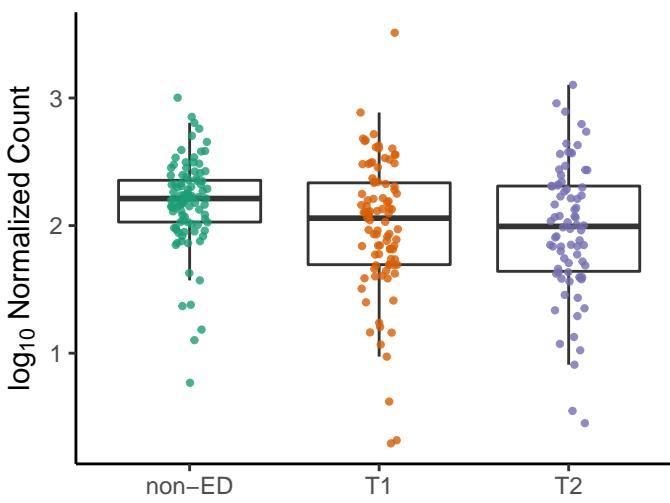
*Clostridium butyricum*  
non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.68



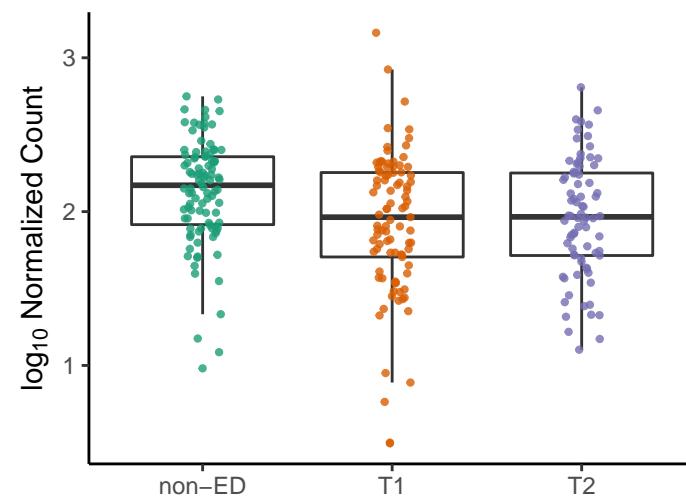
*Acholeplasma hippikon*  
non-ED vs. T1 adjusted p = 0.37  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.62



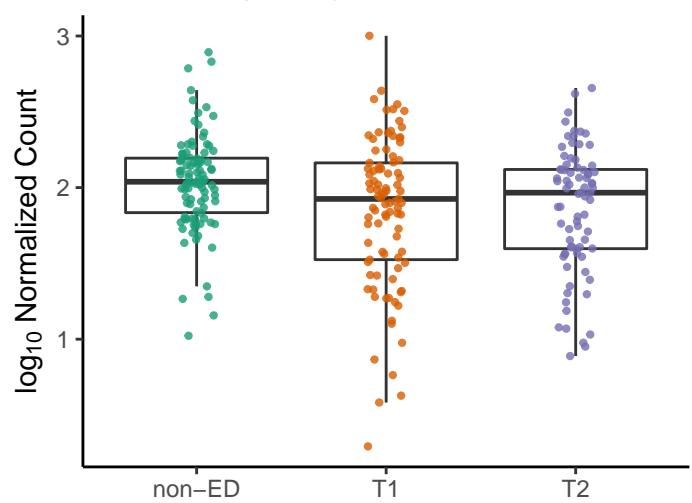
*Melaminivora sp. SC2-9*  
non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.9



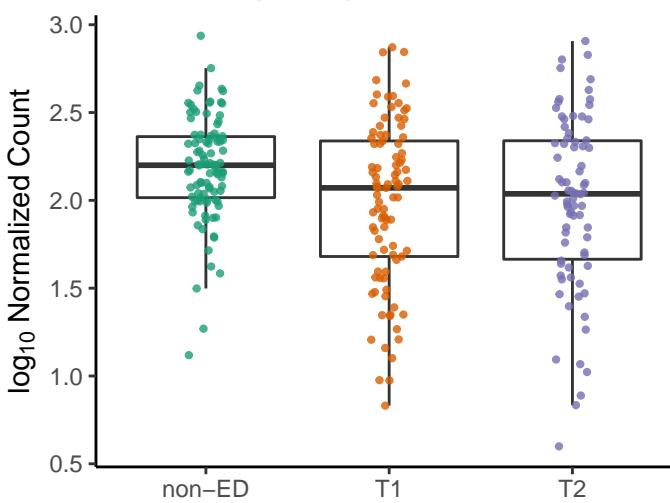
*Glutamicibacter creatinolyticus*  
non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.71



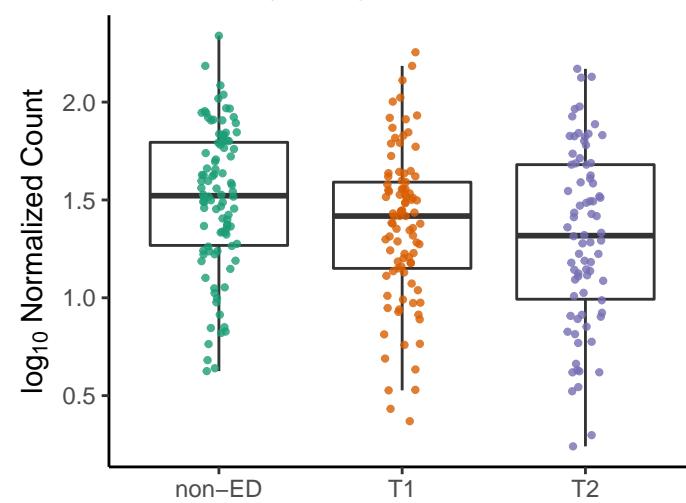
*Brevibacterium luteolum*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



*Mycobacterium smegmatis*  
non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85

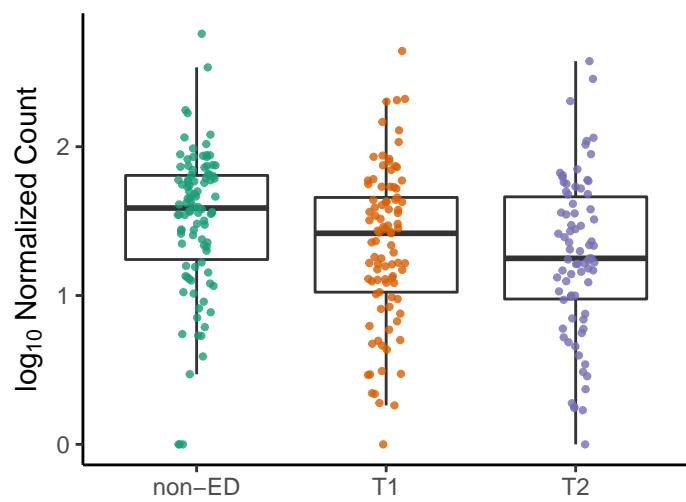


*Shewanella sp. M2*  
non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.77



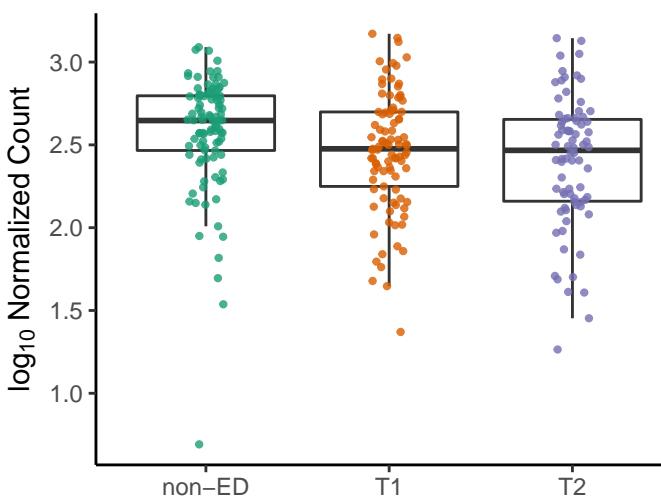
### *Sediminicola* sp. YIK13

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.79



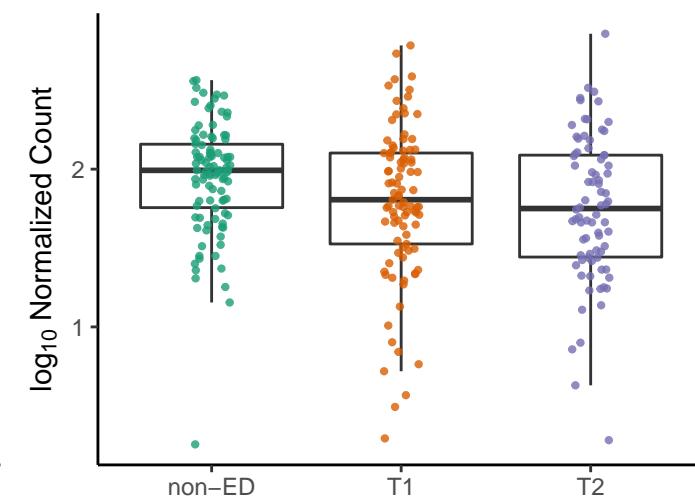
### *Clostridium cellulovorans*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.73



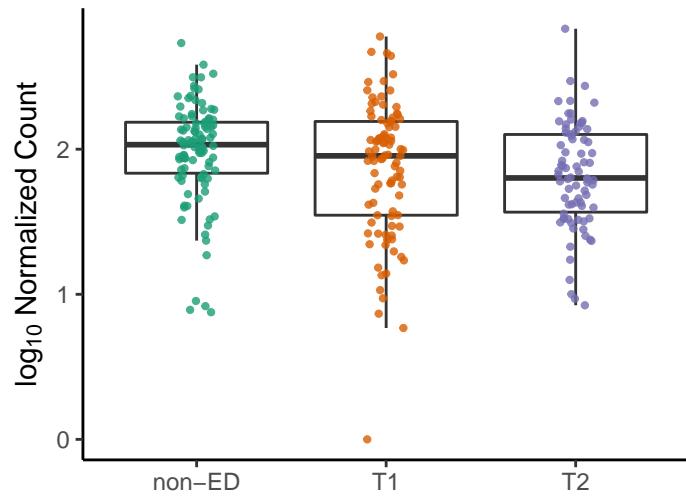
### *Lichenhabitans psoromatis*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 1



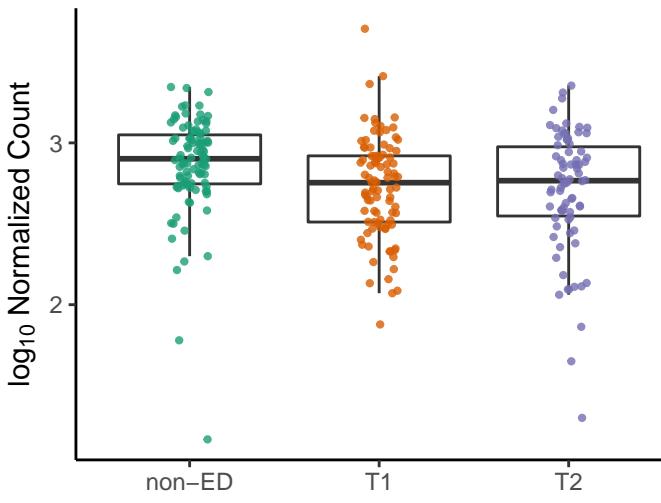
### *Spirosoma rigui*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.95



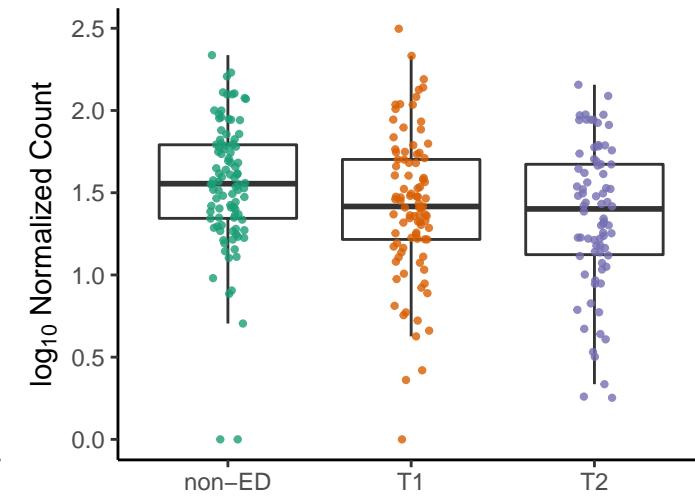
### Unclassified Butyrivibrio Genus

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



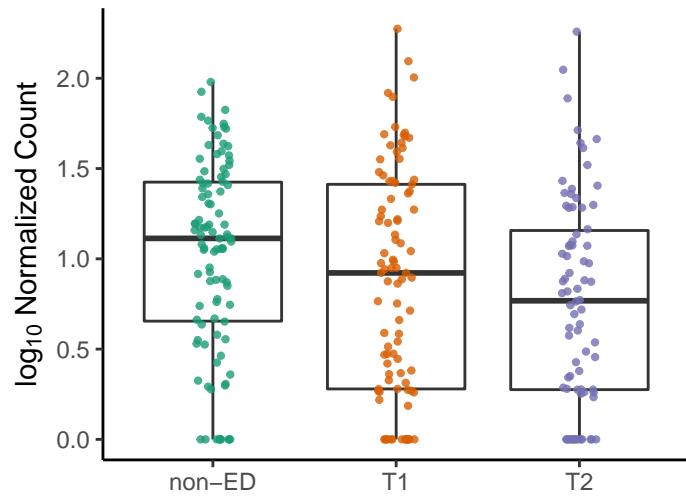
### *Winogradskyella* sp. RHA\_55

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.82



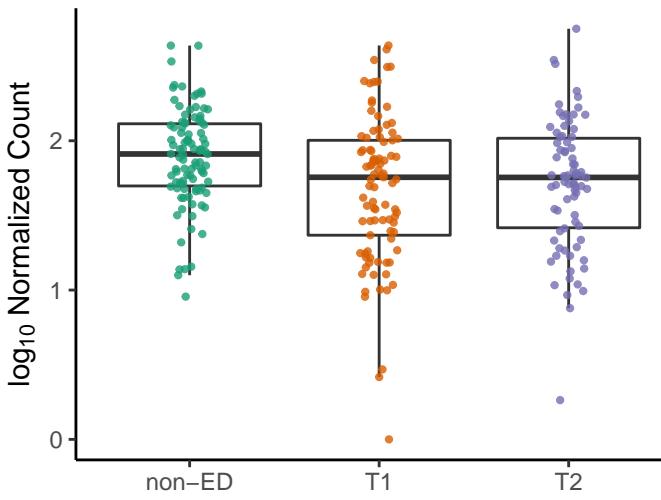
### Unclassified Haloferacales Order

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.71



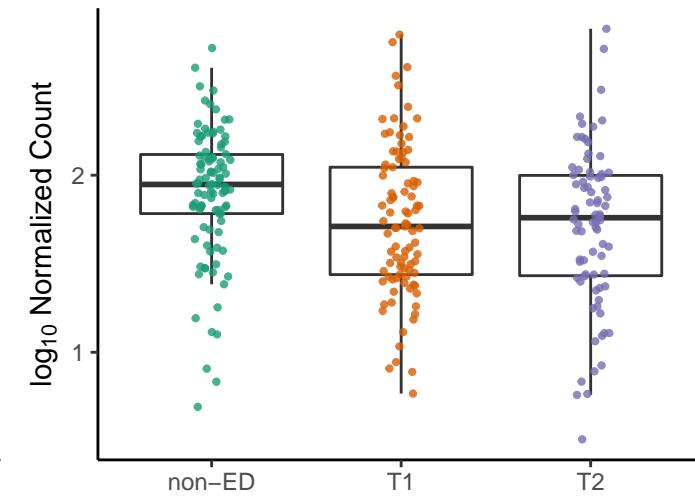
### *Sphingopyxis* sp. 113P3

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.77



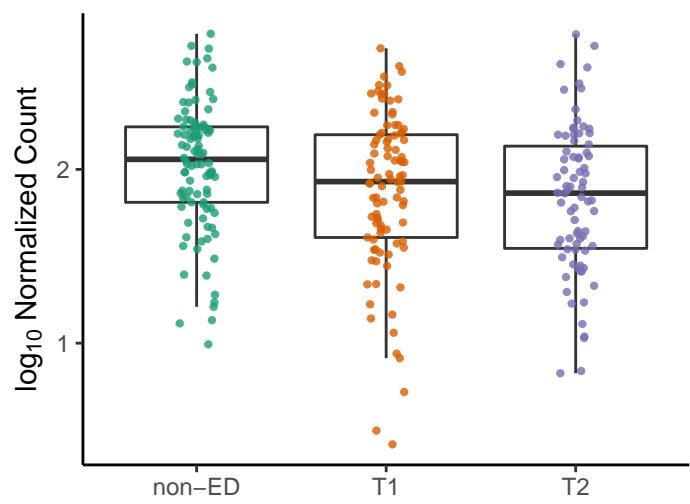
### *Halarcobacter bivalviorum*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.81



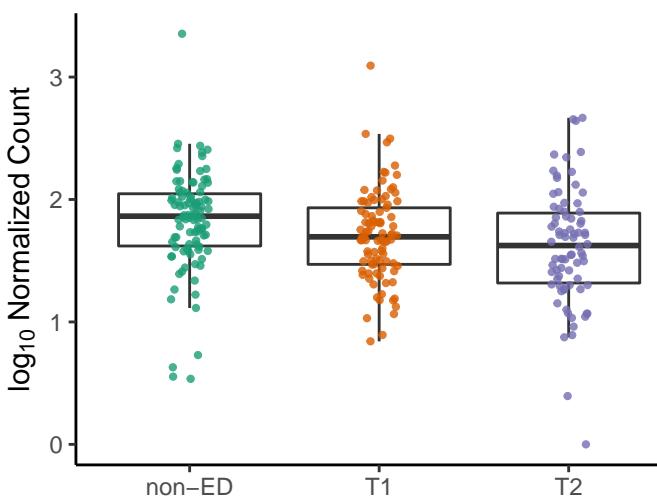
### *Aquabacterium olei*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



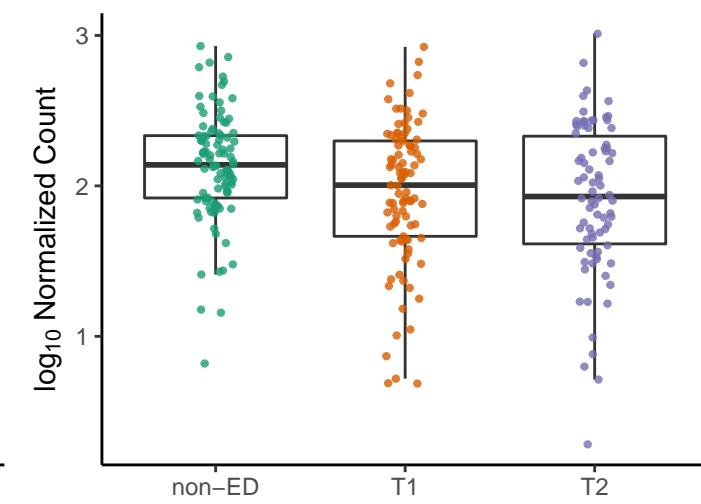
### *Lactobacillus backii*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.75



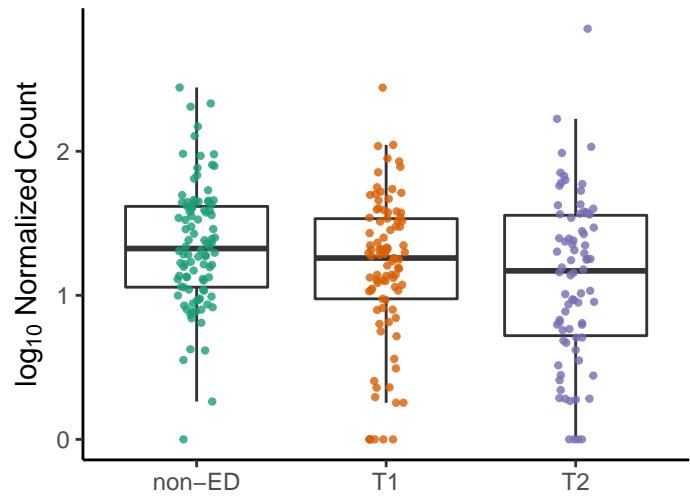
### *Acidovorax carolinensis*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.95



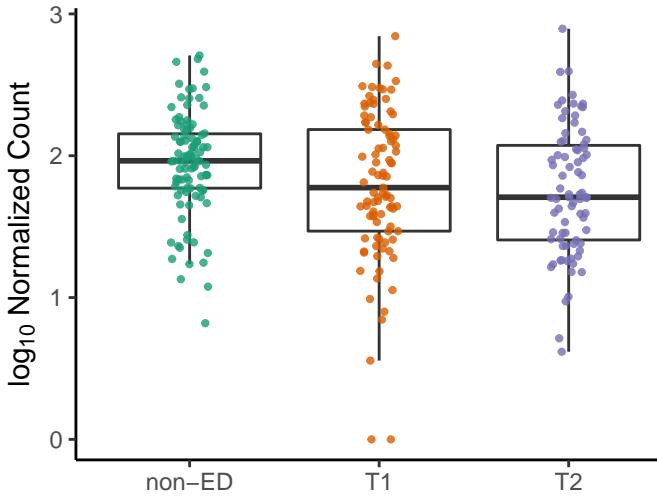
### *Chromobacterium haemolyticum*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.84



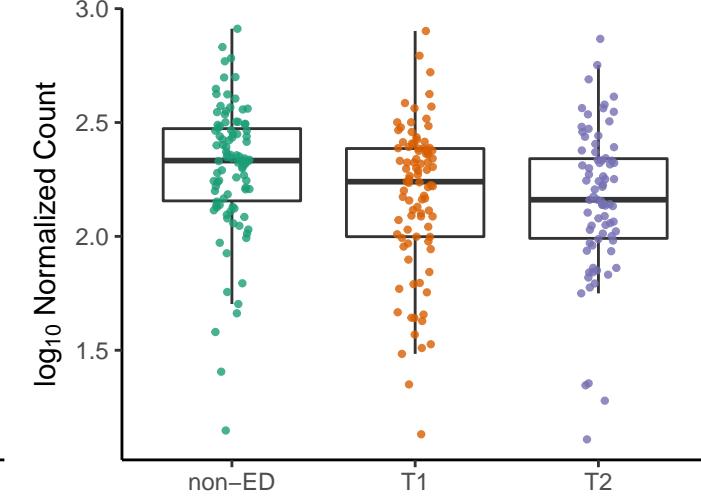
### *Pistricoccus aurantiacus*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.95



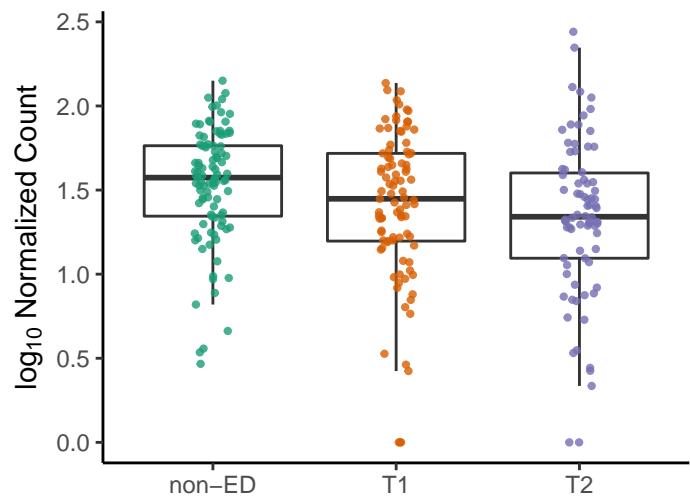
### *Aneurinibacillus sp. XH2*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.99



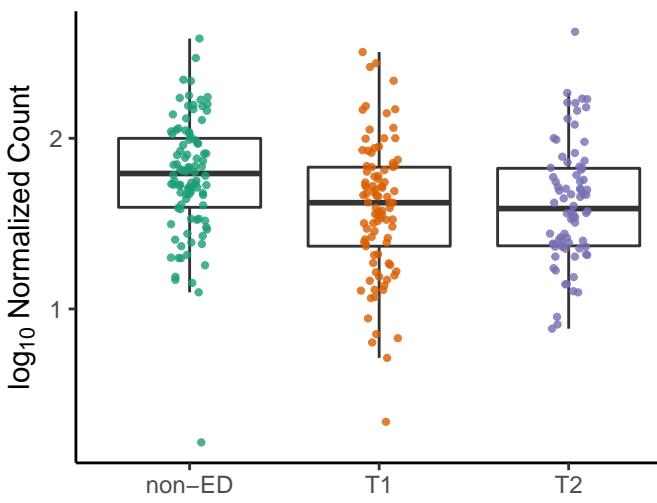
### *Acinetobacter venetianus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.76



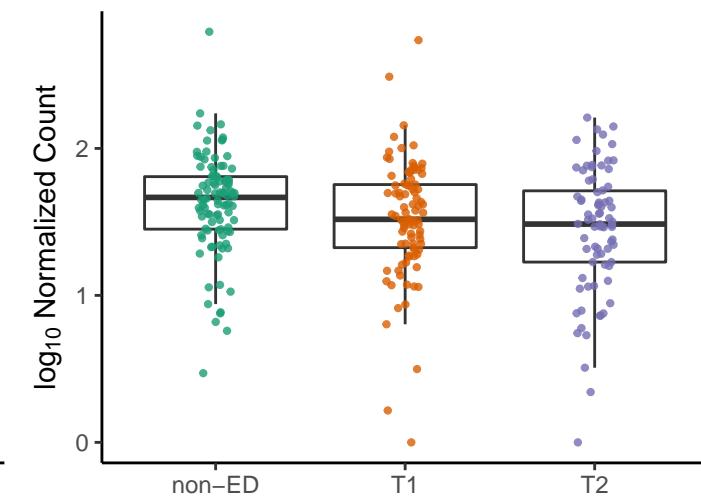
### *Francisella tularensis*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.83



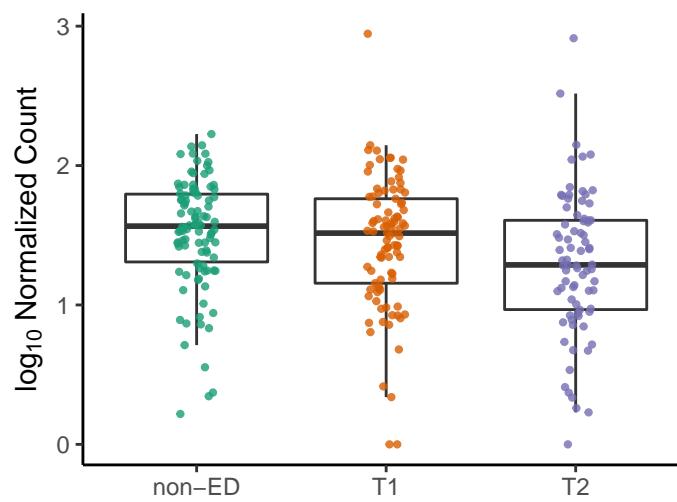
### *Pseudoalteromonas phenolica*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.71



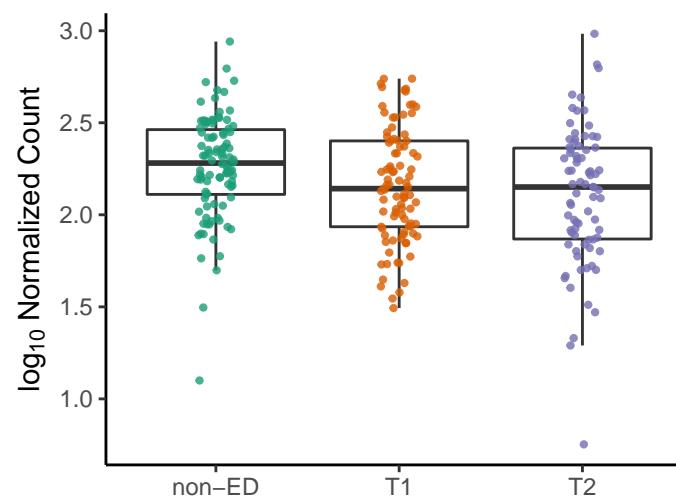
### *Capnocytophaga* sp. oral taxon 878

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.13



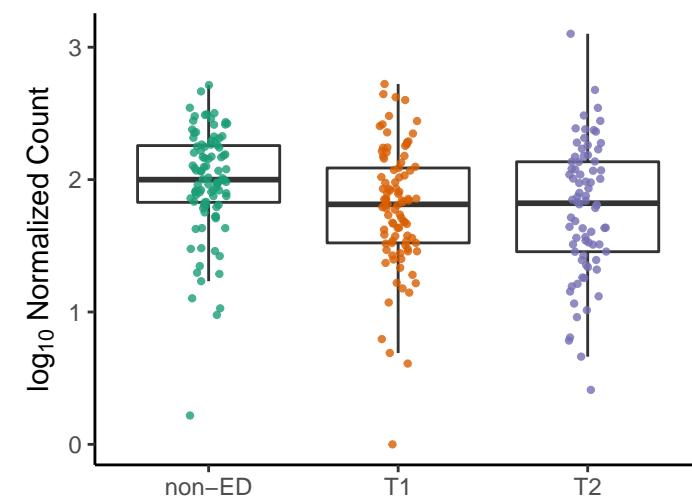
### *Clostridium scatologenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.69



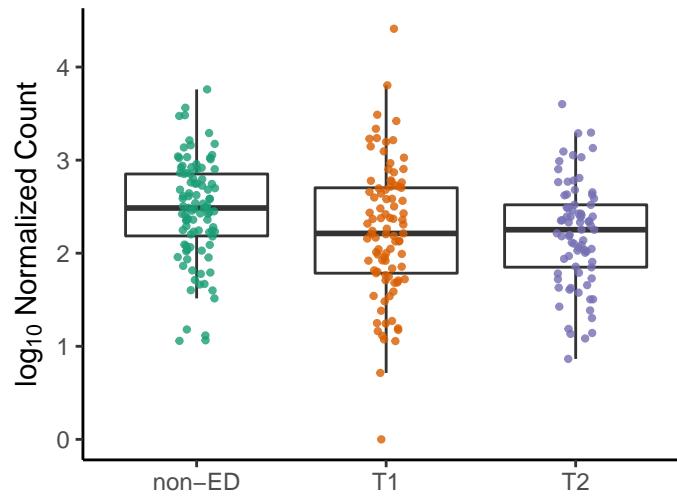
### *Staphylococcus stepanovicii*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.92



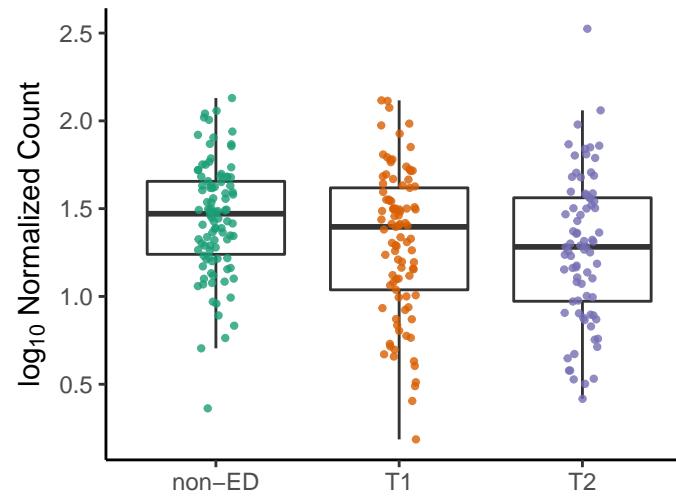
### *Streptococcus* sp. I-P16

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



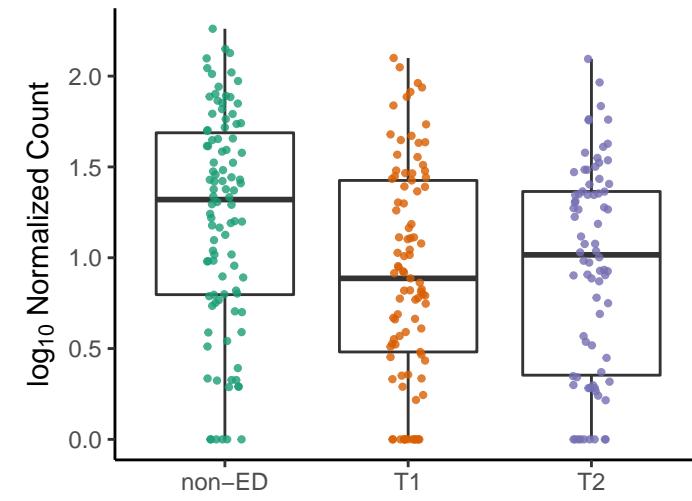
### *Acinetobacter* sp. LoGeW2-3

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.73



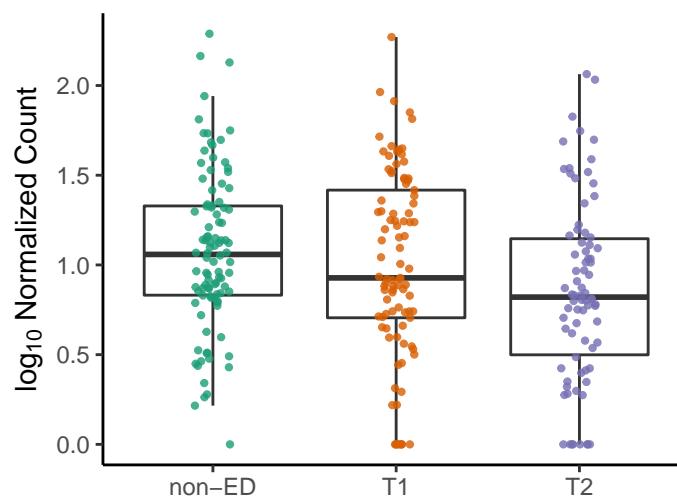
### *Streptomyces lividans*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.93



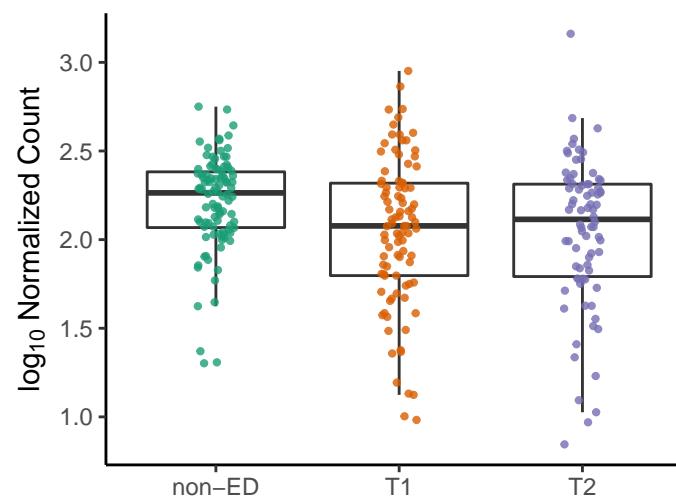
### *Candidatus Saccharibacteria bacterium*

non-ED vs. T1 adjusted p = 0.39  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.68



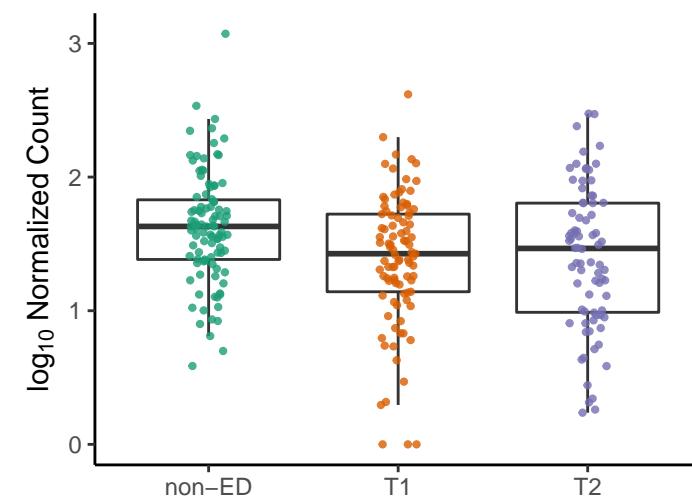
### *Treponema* sp. OMZ 804

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 1



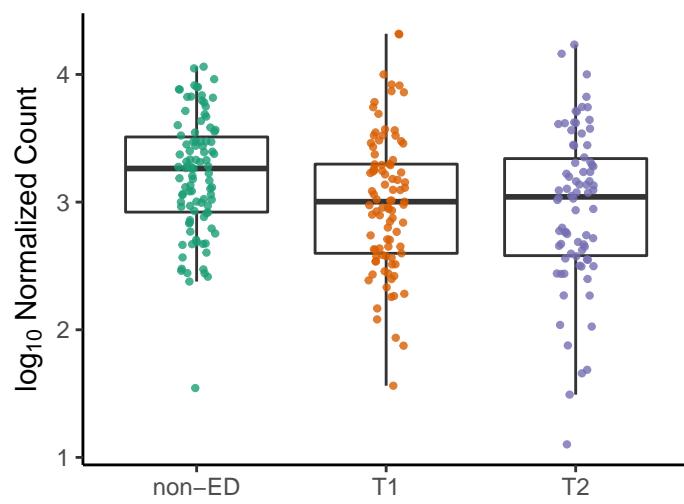
### *Pseudomonas* sp. ACM7

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.94



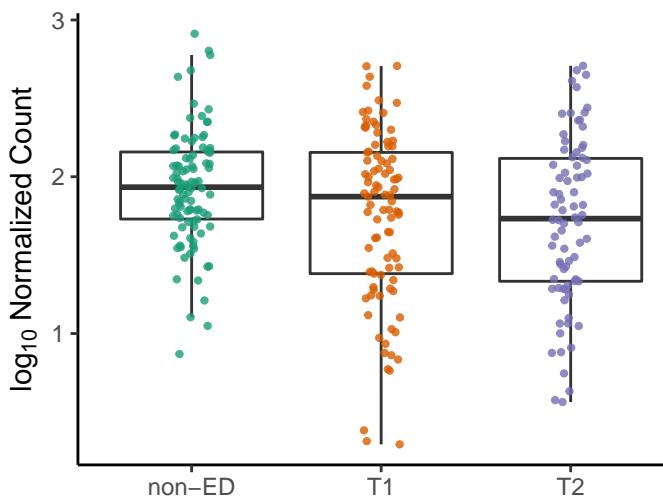
### *Streptococcus agalactiae*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.77



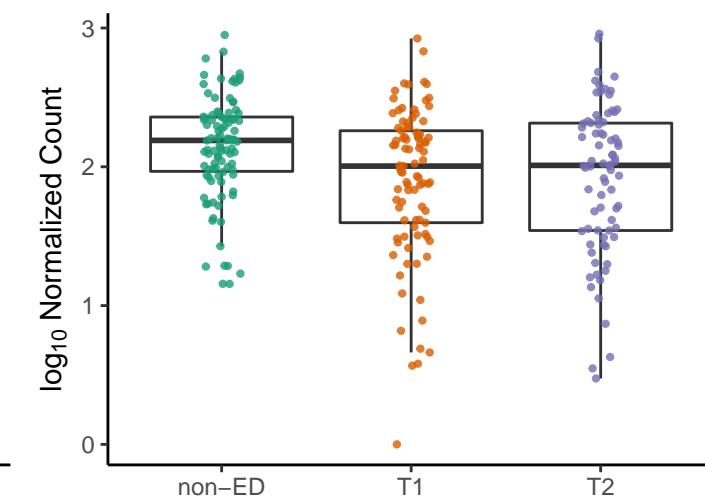
### Unclassified Brachybacterium Genus

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.98



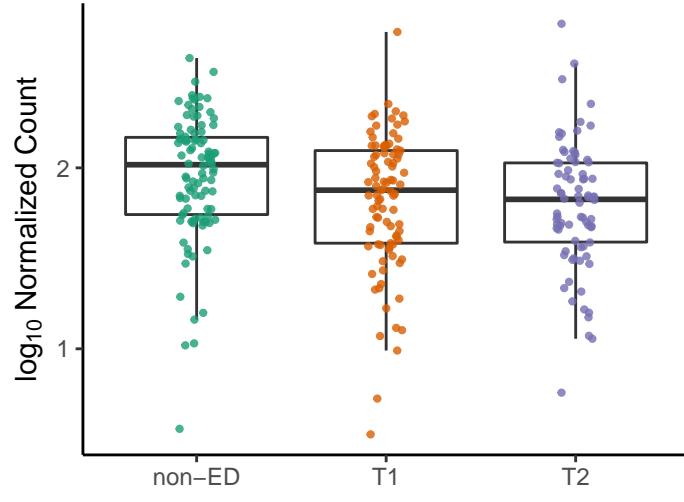
### *Paracoccus contaminans*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



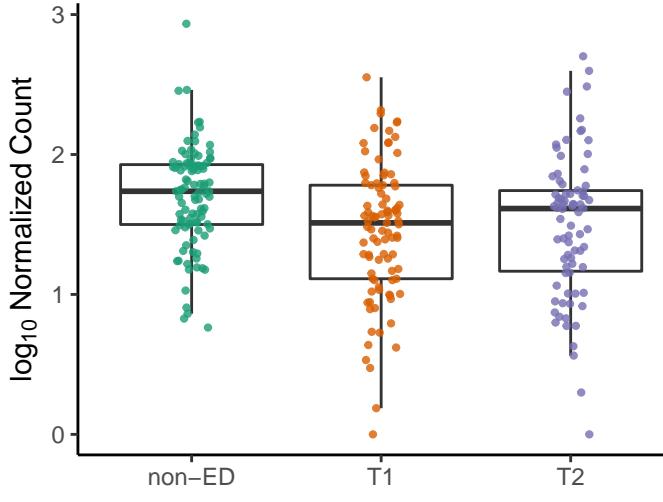
### *Jeotgalibaca dankookensis*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.86



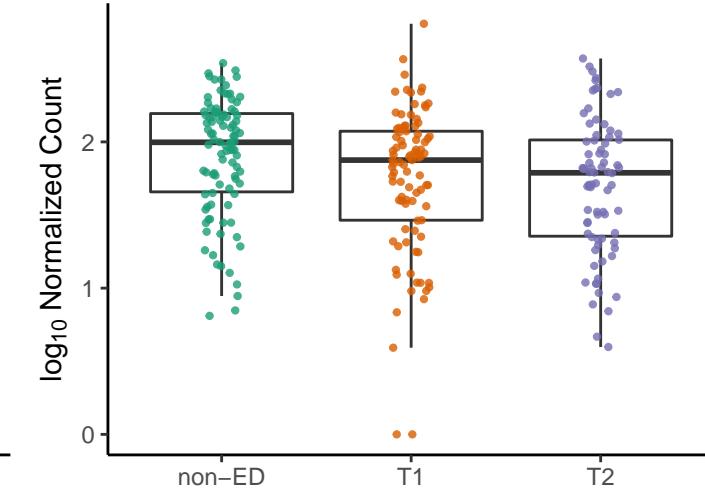
### *Pseudomonas lurida*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.77



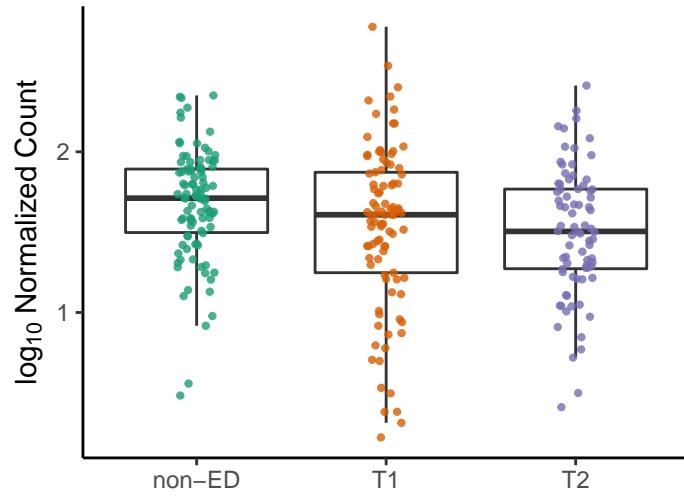
### *Streptomyces dengpaensis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.93



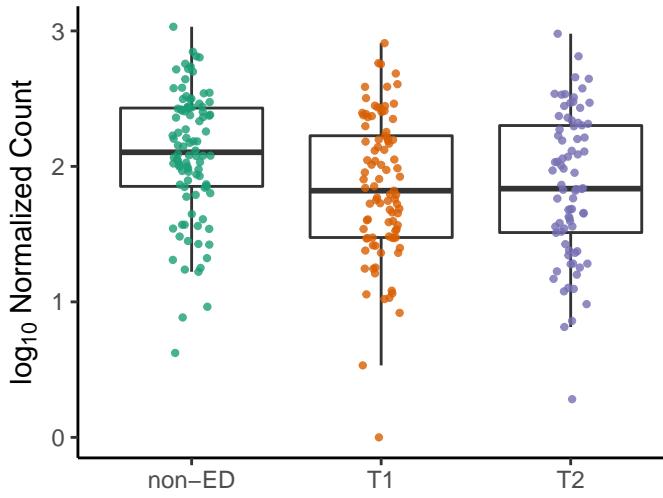
### *Thalassobius gelatinovorus*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.96



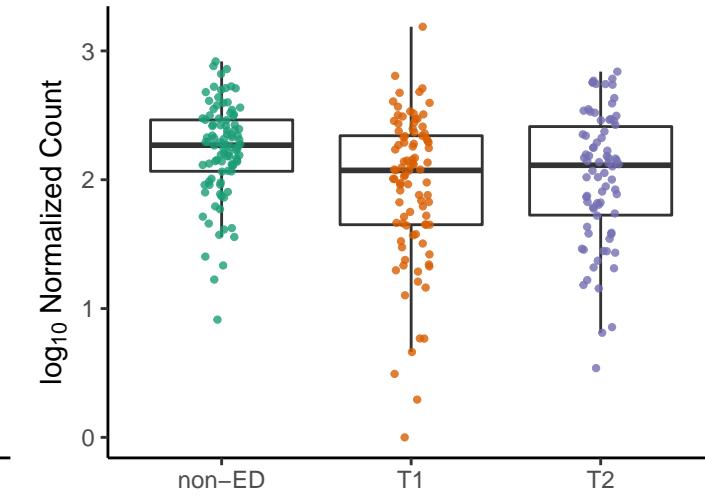
### Unclassified Erythrobacteraceae Family

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



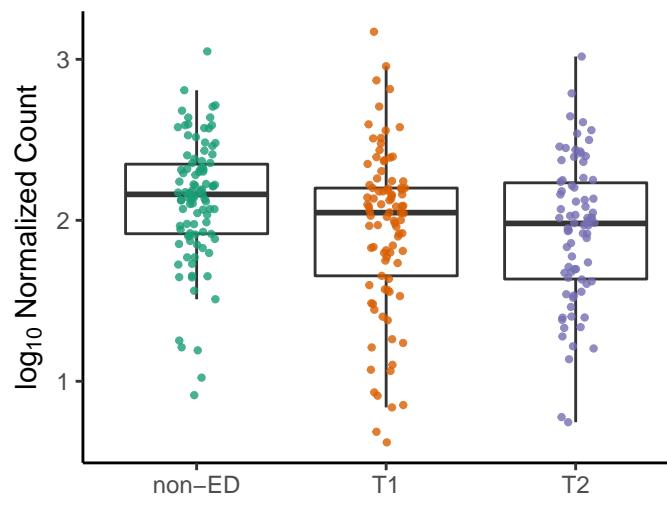
### *Minimonas* sp. S16

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.67



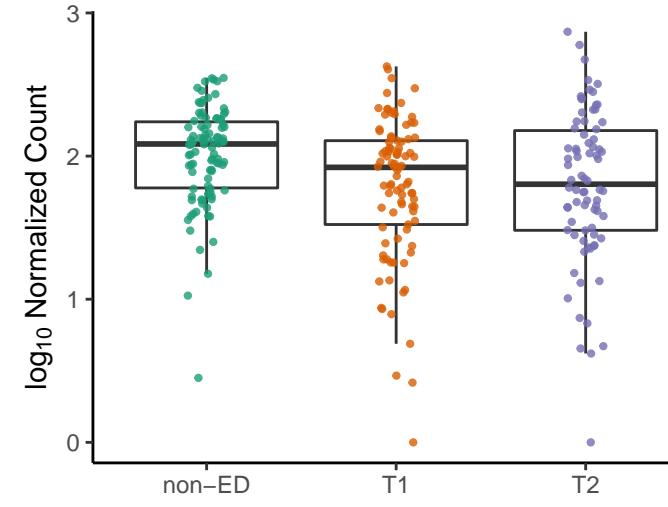
### *Deinococcus puniceus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.83



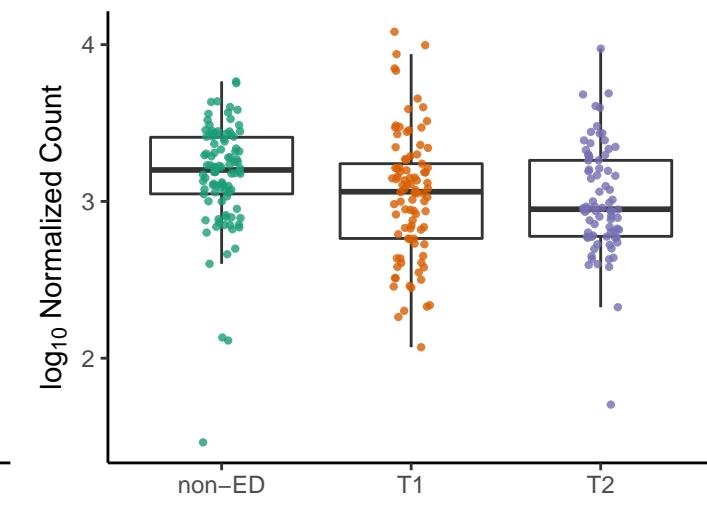
### *Altererythrobacter namhicola*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



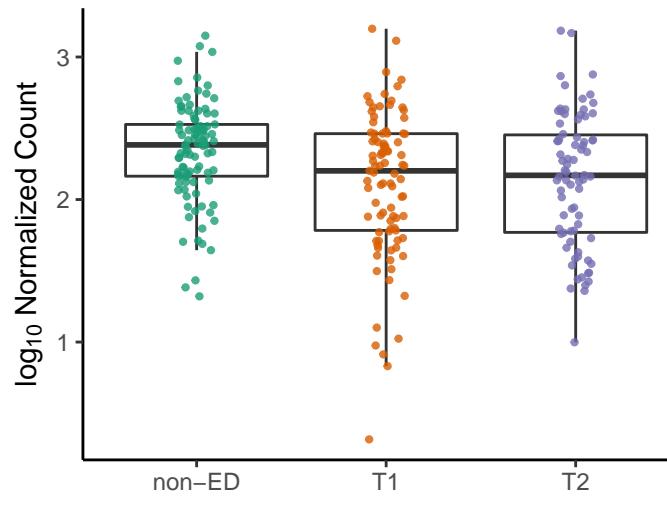
### *Campylobacter coli*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.91



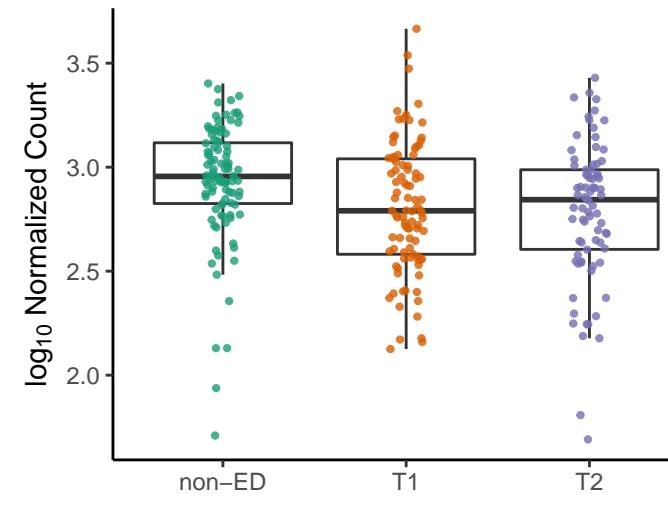
### *Nocardia farcinica*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.75



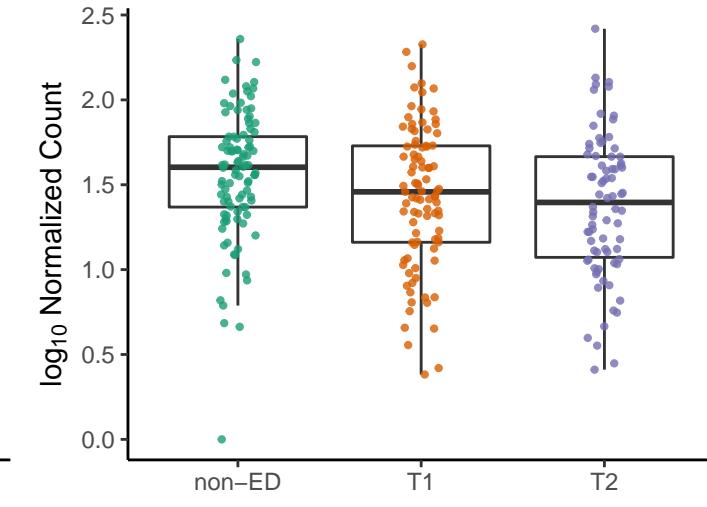
### *Clostridium pasteurianum*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.89



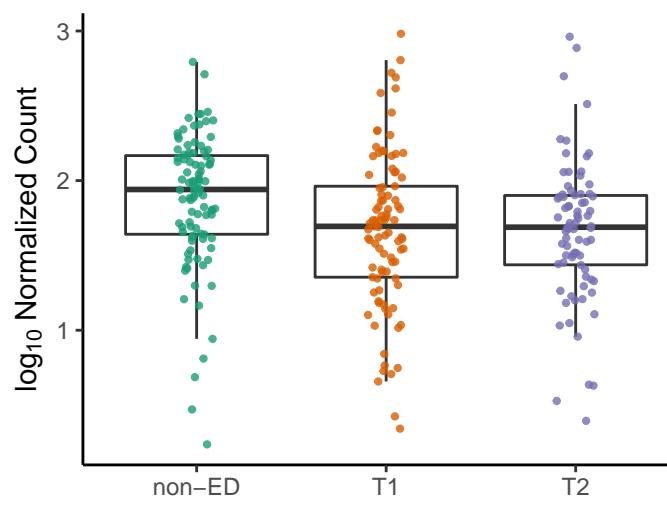
### Unclassified Pseudothermotoga Genus

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.77



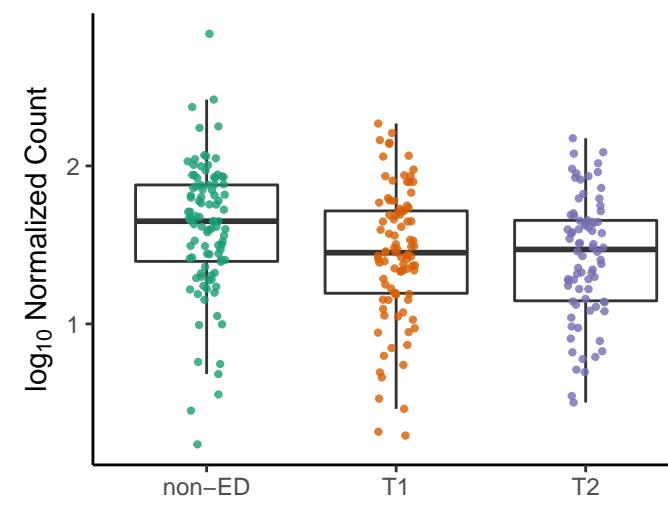
### *Campylobacter pinnipediorum*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.93



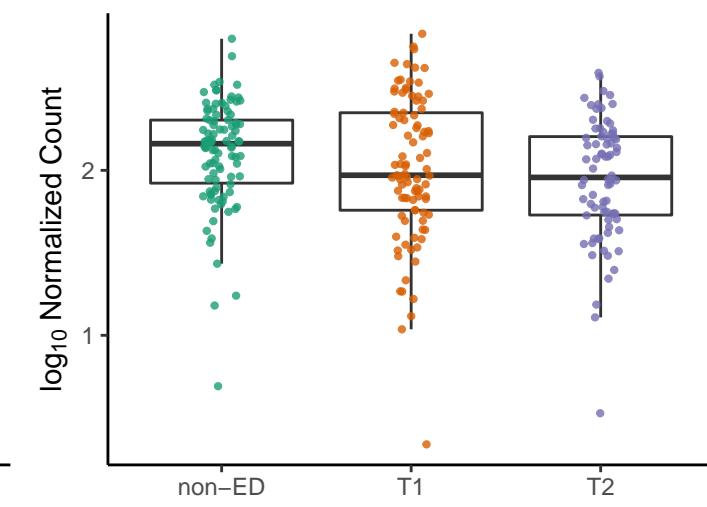
### *Shewanella japonica*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.88



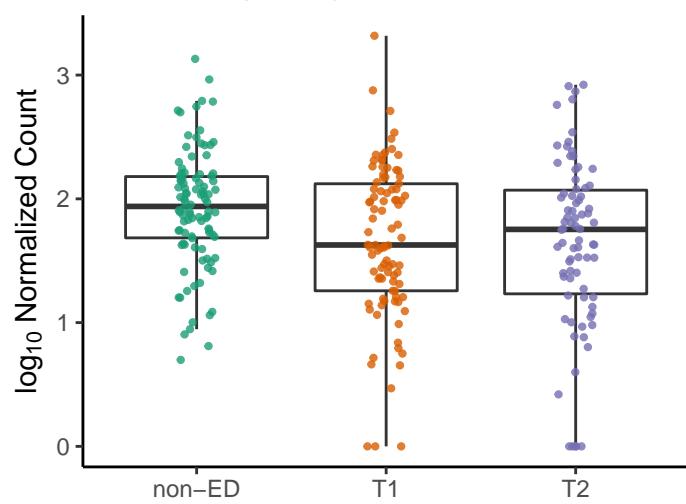
### *Bacillus cicensis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.68



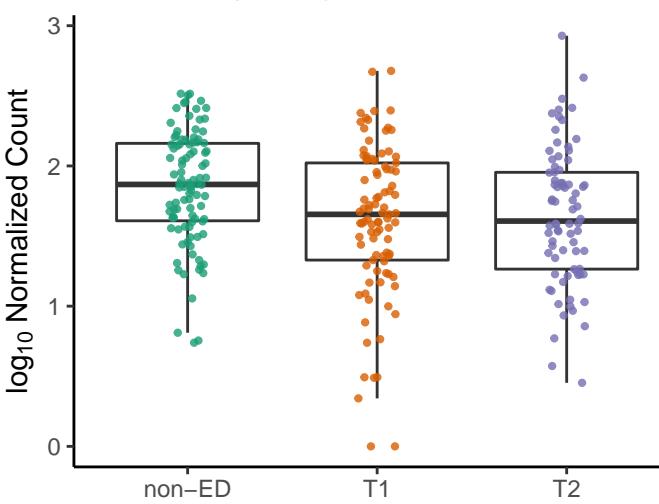
### *Streptomyces* sp. ADI95–16

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.98



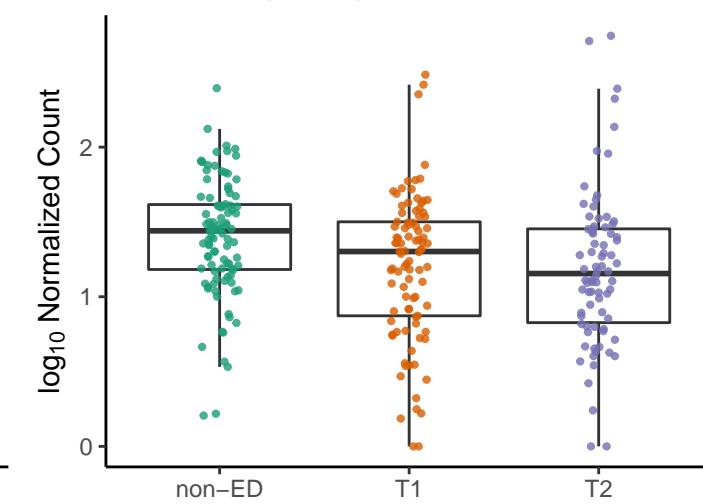
### *Burkholderia territorii*

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.76



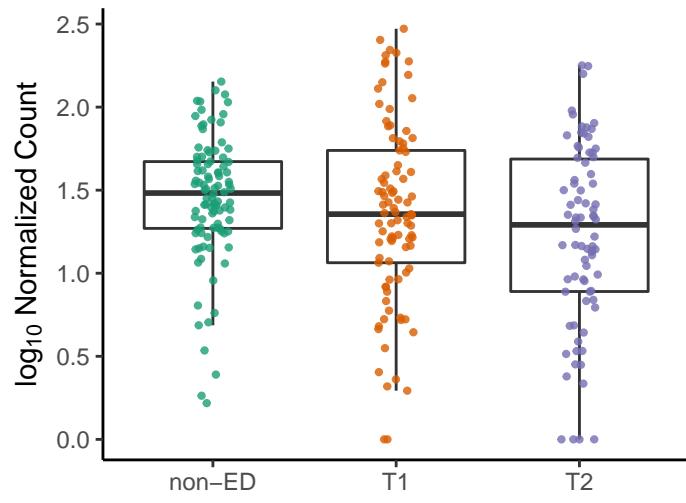
### Unclassified Chitinophaga Genus

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.86



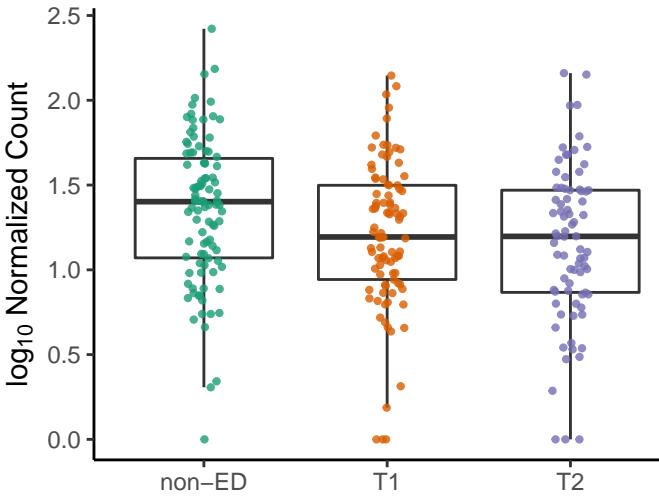
### *Arcobacter marinus*

non-ED vs. T1 adjusted p = 0.37  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.61



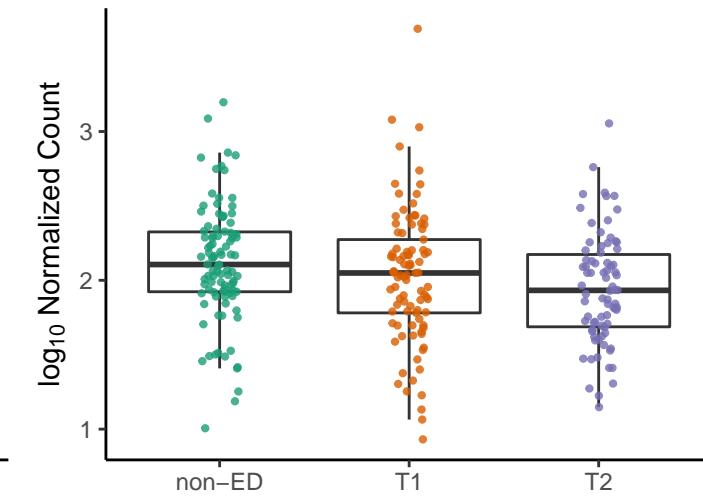
### Unclassified Methylophilaceae Family

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.8



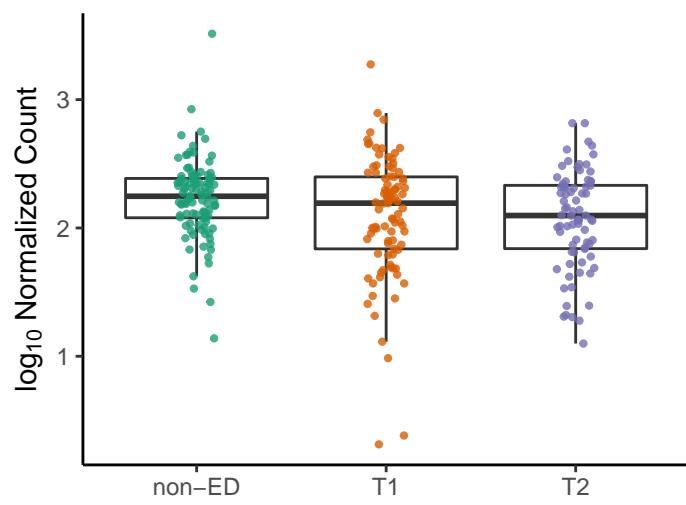
### *Kluyvera intermedia*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.75



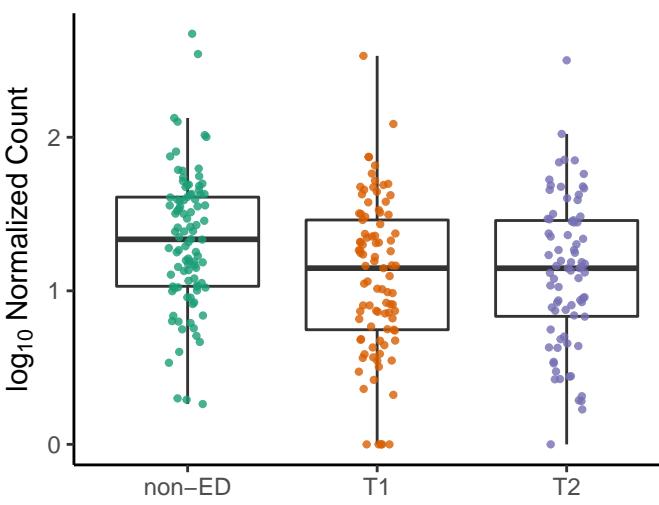
### *Pseudomonas protegens*

non-ED vs. T1 adjusted p = 0.065  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.98



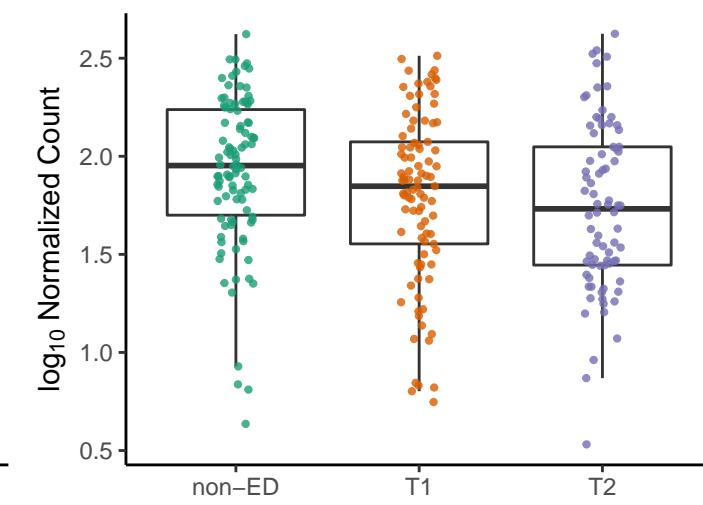
### *Rhodococcus* sp. PBTS 2

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.77



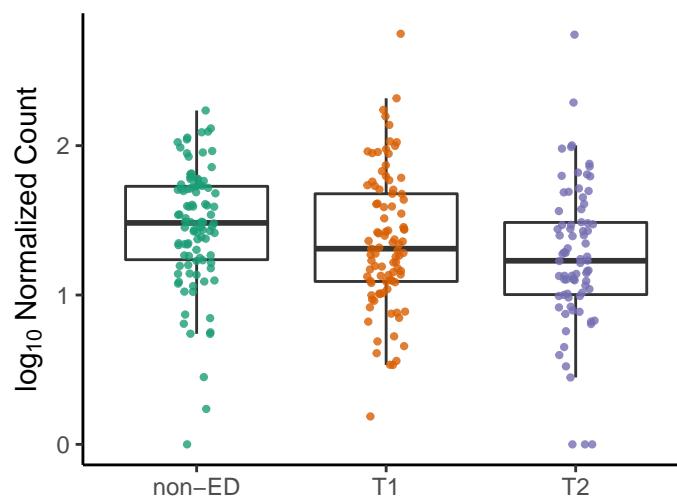
### *Microbulbifer* sp. GL-2

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.73



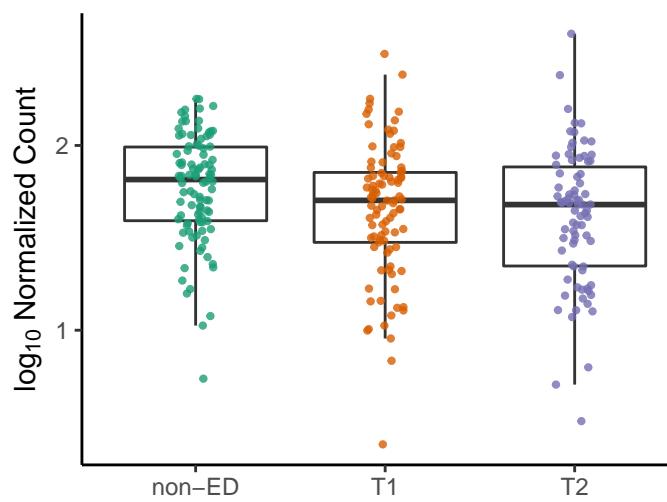
### *Lysinibacillus fusiformis*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.67



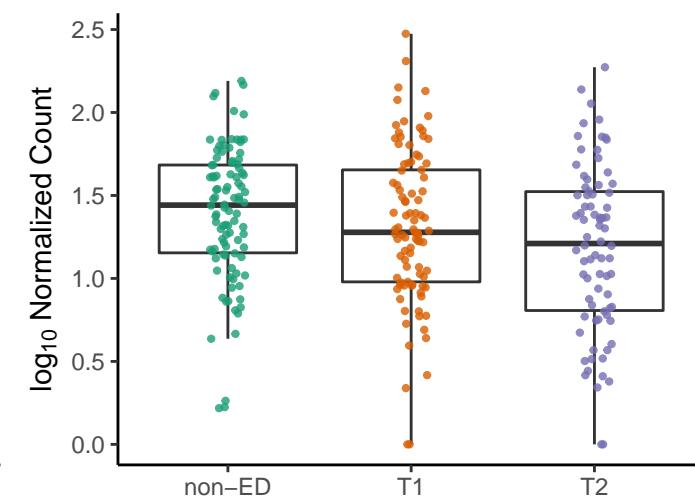
### *Chamaesiphon minutus*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.73



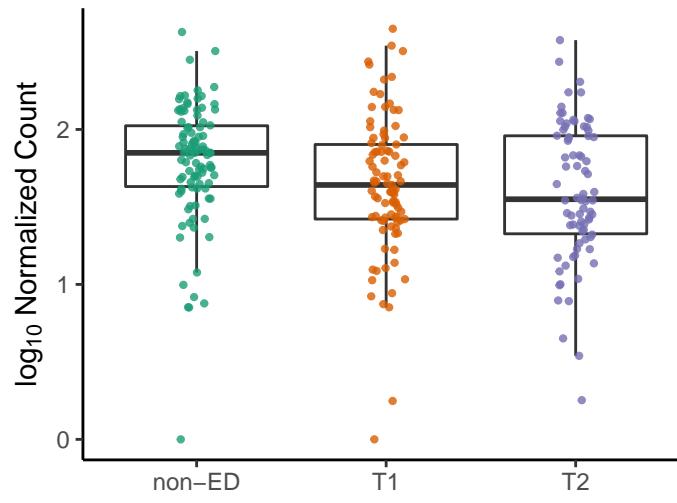
### *Thermoanaerobacter wiegelii*

non-ED vs. T1 adjusted p = 0.33  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.68



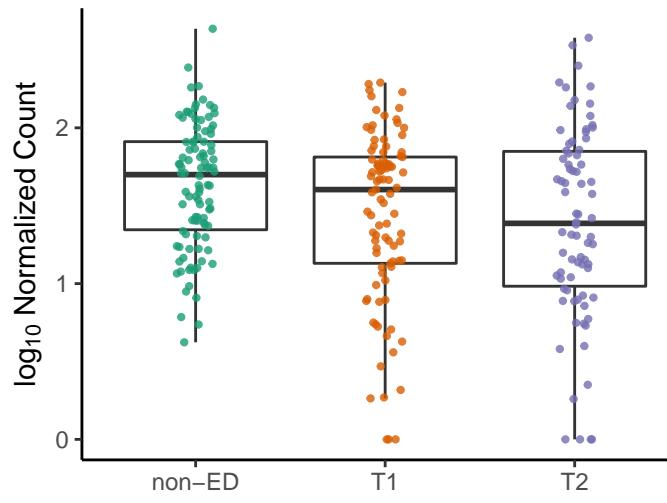
### *Staphylococcus caprae*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.77



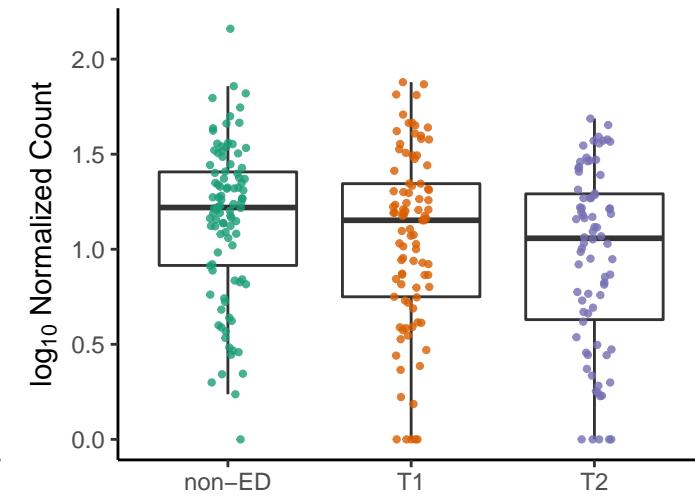
### *Agromyces sp. MF30-A*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.97



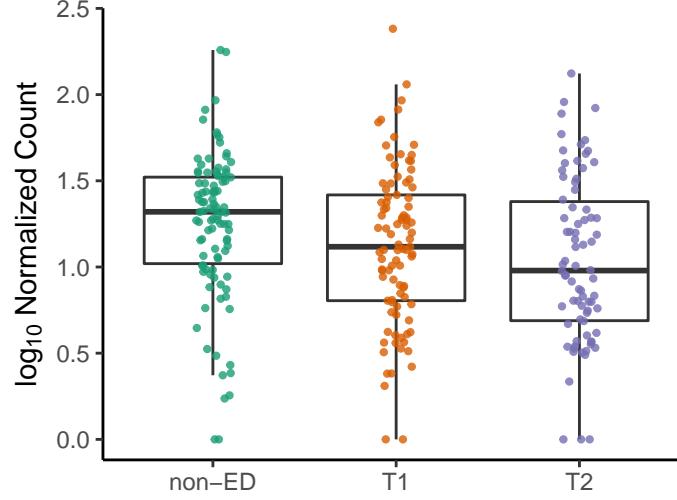
### *Bacillus sp. WP8*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.66



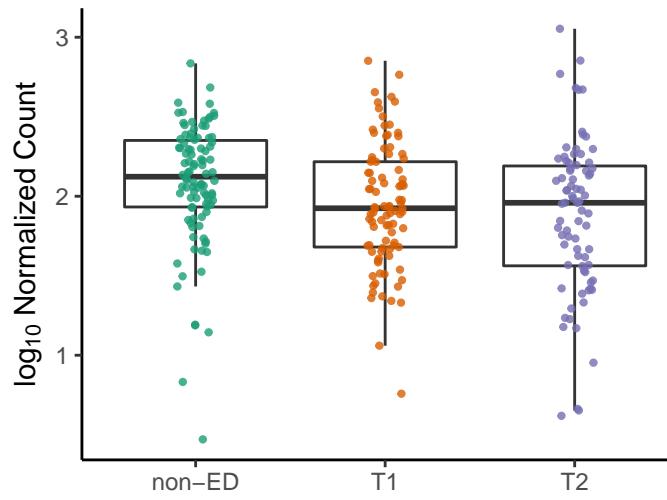
### *Campylobacter subantarcticus*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.77



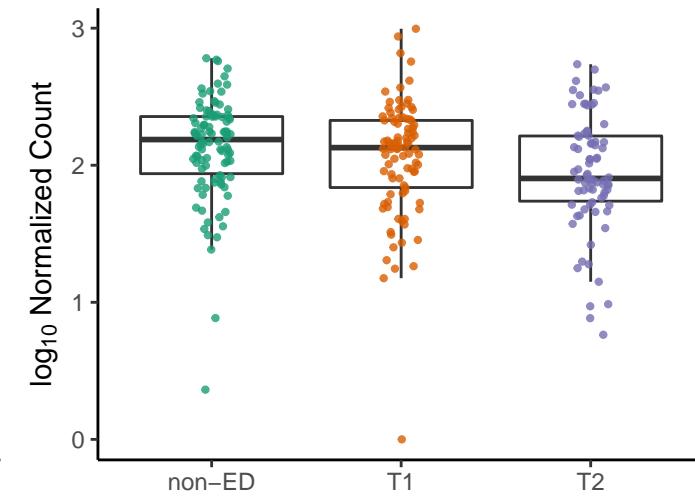
### *Staphylococcus cohnii*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.74



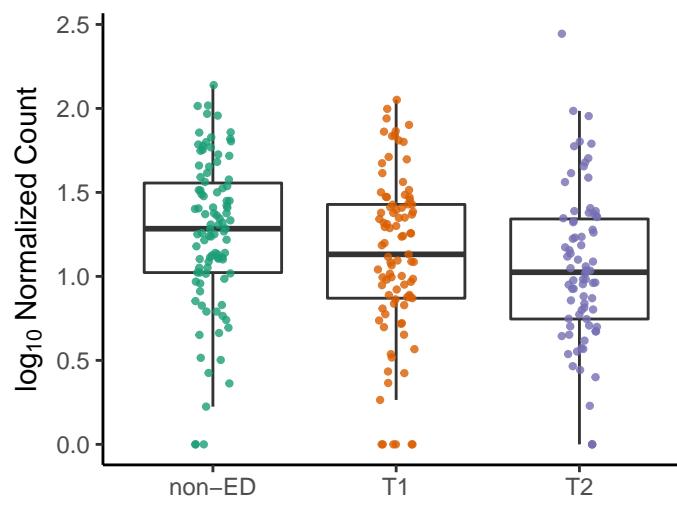
### *Bacillus krulwichiae*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.54



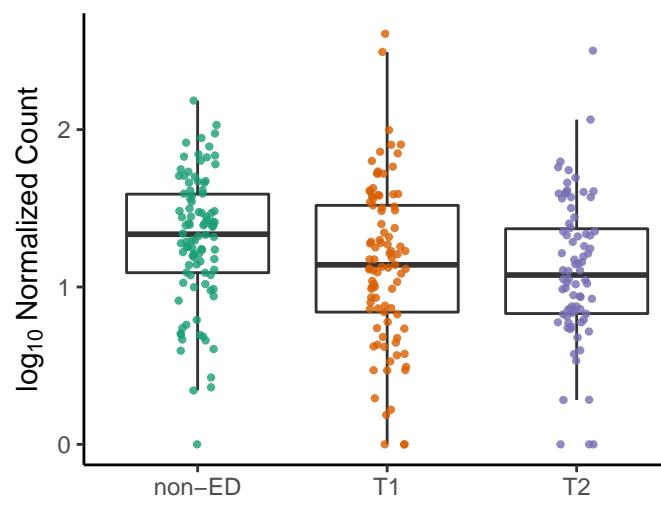
### *Campylobacter volucris*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.73



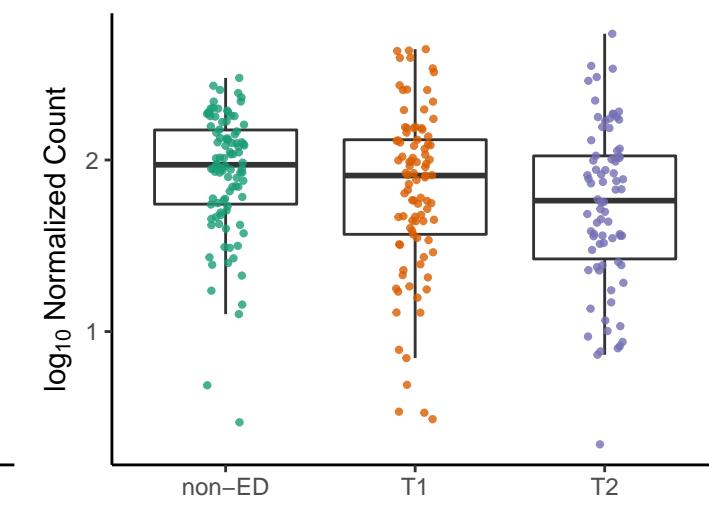
### *Campylobacter avium*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.76



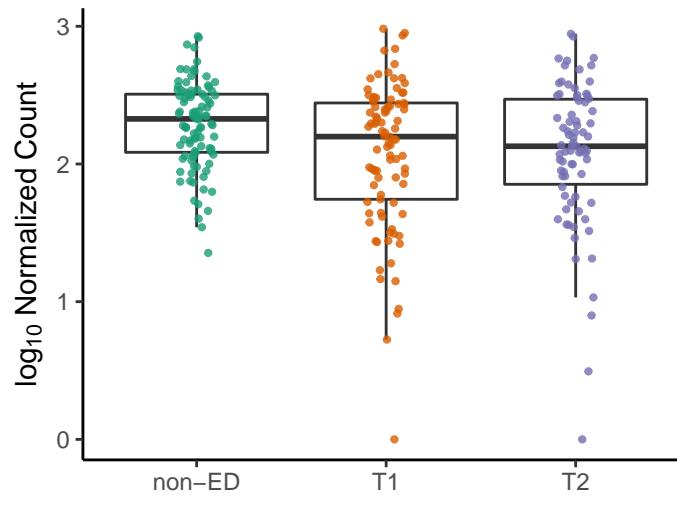
### *Lactobacillus hordei*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.7



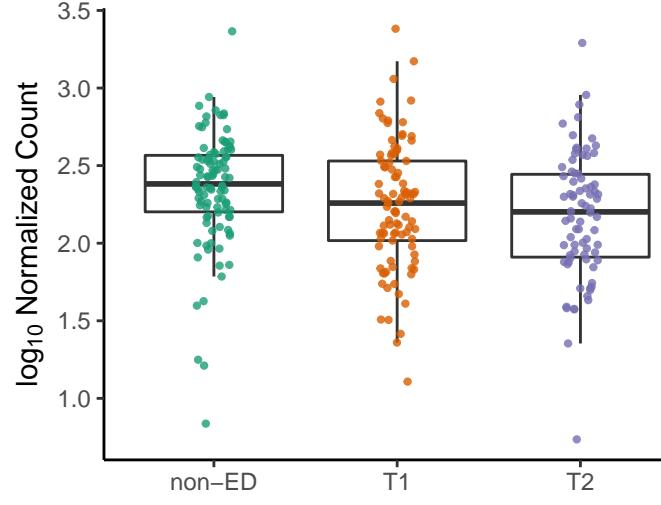
### *Opitutus sp. GAS368*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.86



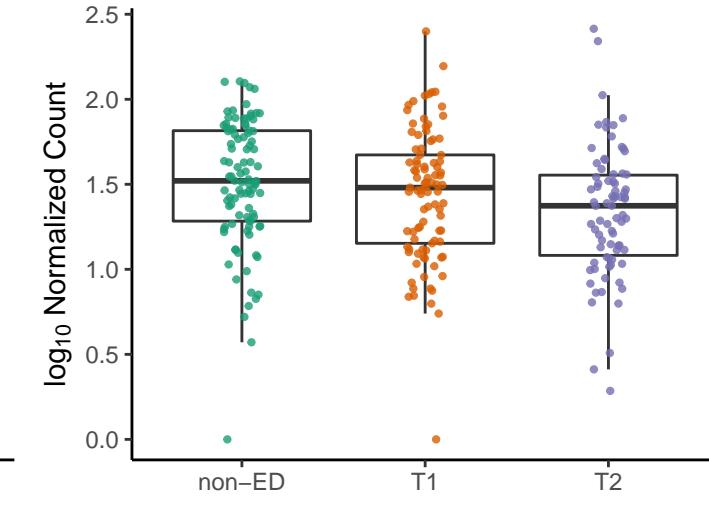
### *Peptoniphilus sp. ING2-D1G*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.71



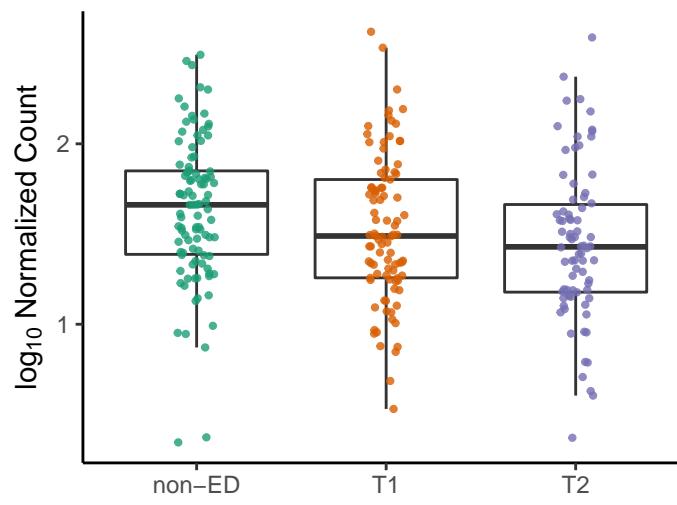
### *Staphylococcus fleurettii*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.57



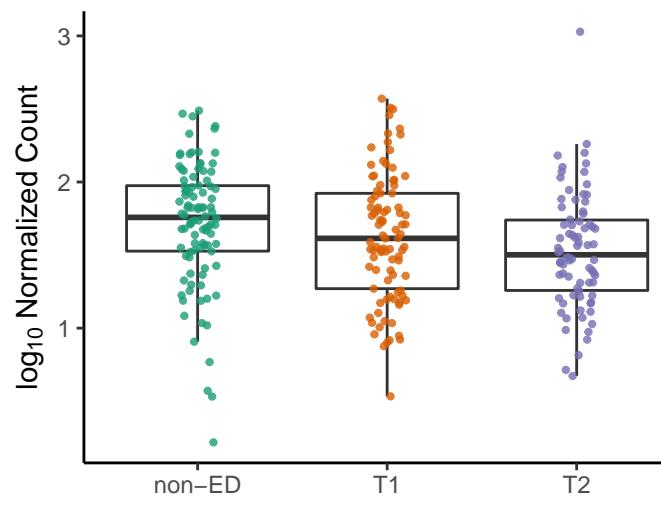
### *Acinetobacter nosocomialis*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



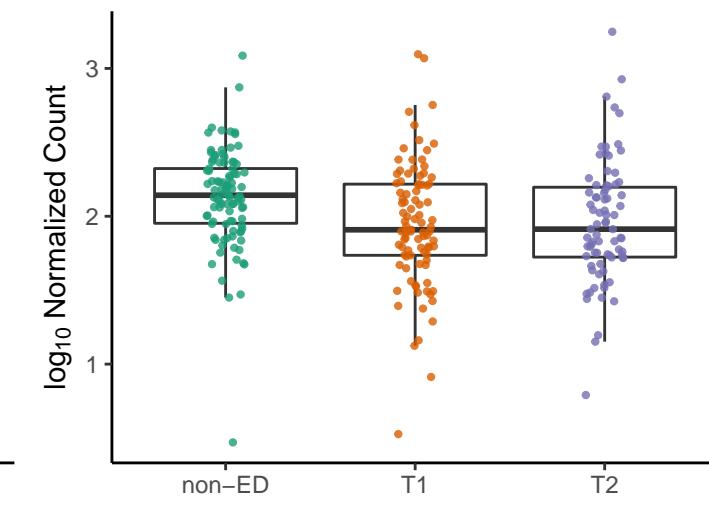
### *Bibersteinia trehalosi*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.72



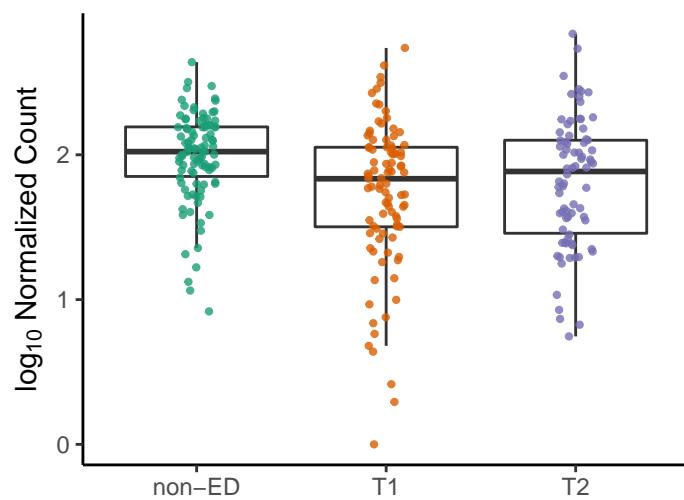
### *Lentibacillus amyloliquefaciens*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.91



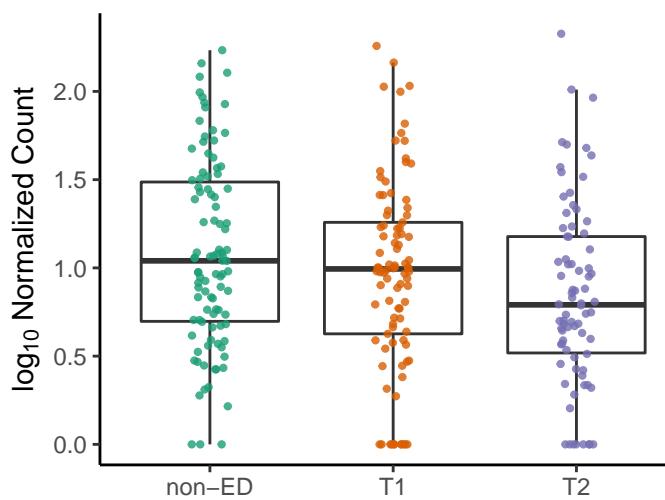
### *Thiobacillus denitrificans*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.67



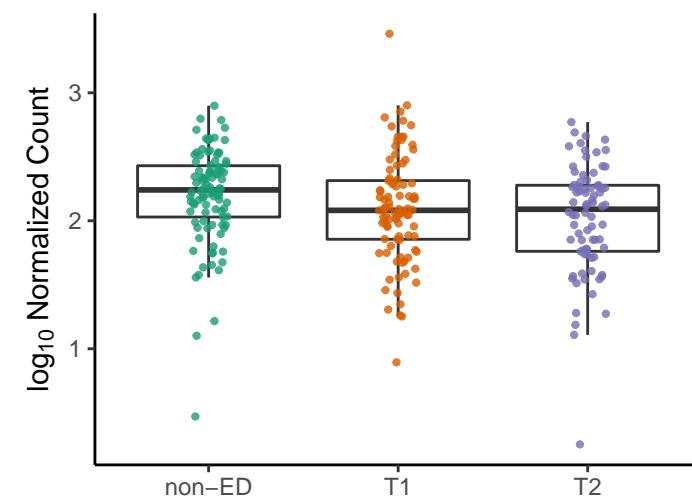
### Unclassified Entomoplasmatales Order

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.67



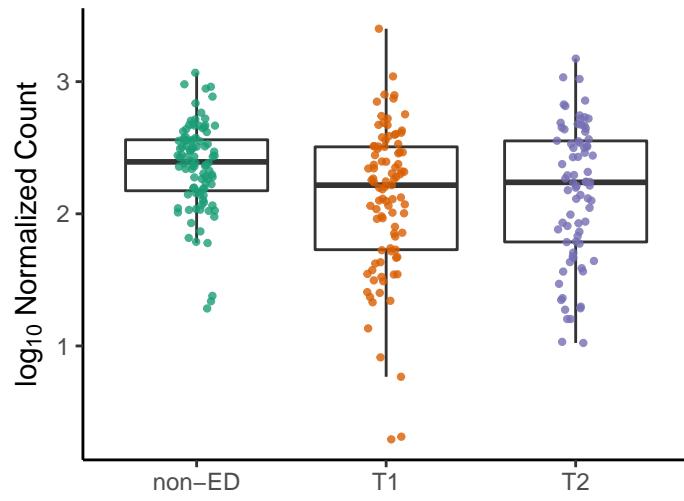
### *Brachyspira pilosicoli*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



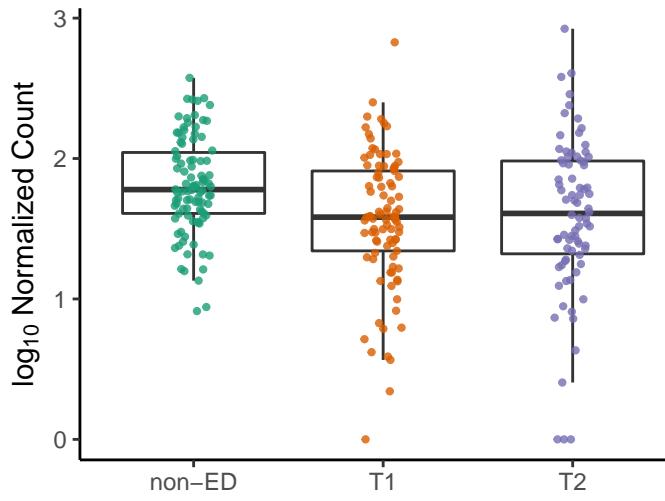
### *Jiangella alkaliphila*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.66



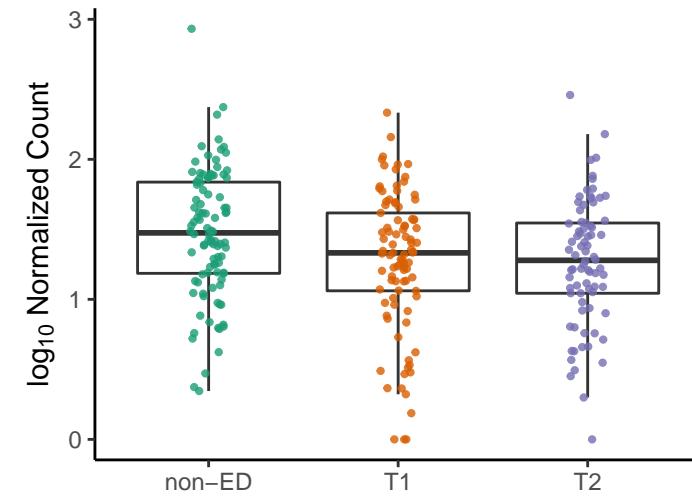
### *Plantibacter sp. M259*

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.8



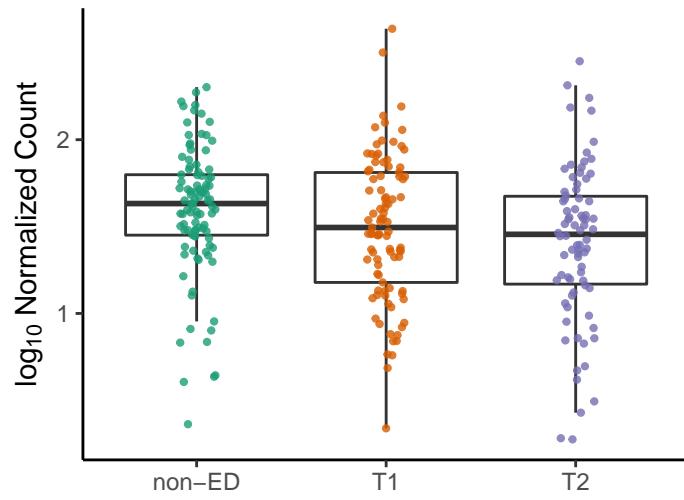
### *Pseudomonas sp. LBUM920*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.99



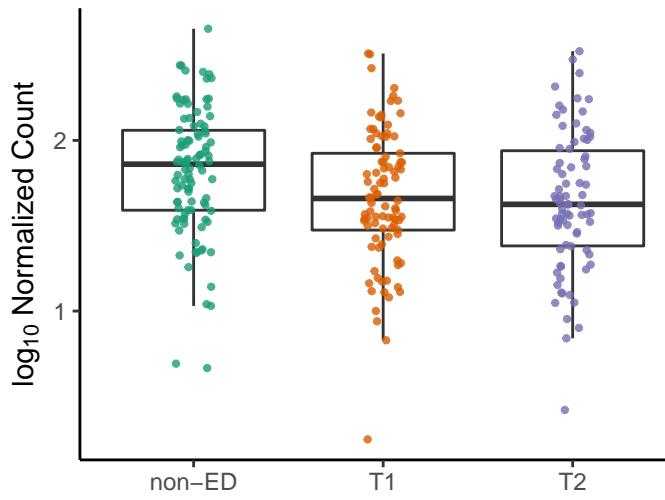
### *Acinetobacter ursingii*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.63



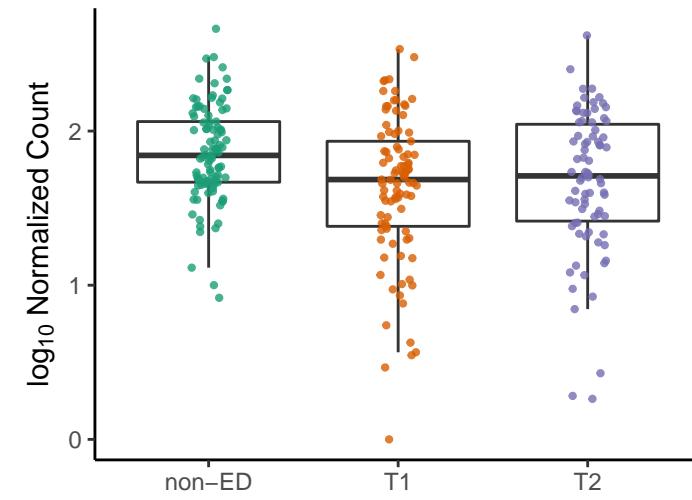
### *Lysinibacillus sp. 2017*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



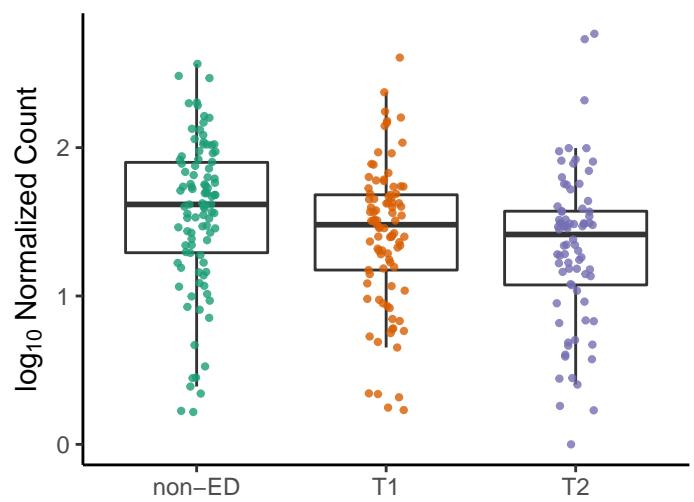
### *Spiribacter curvatus*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



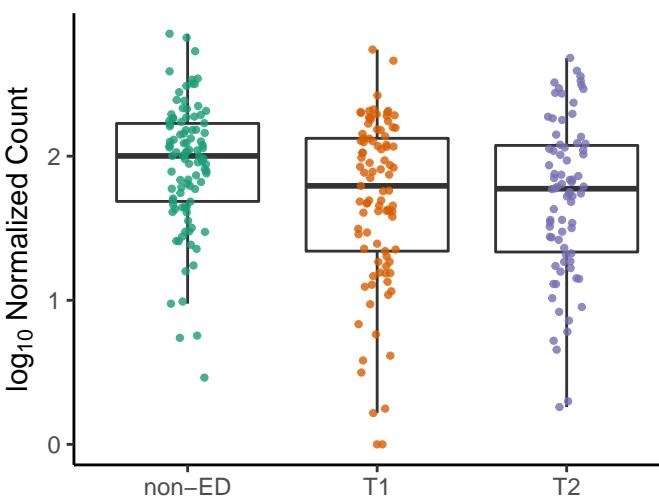
### *Spiroplasma alleghenense*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.68



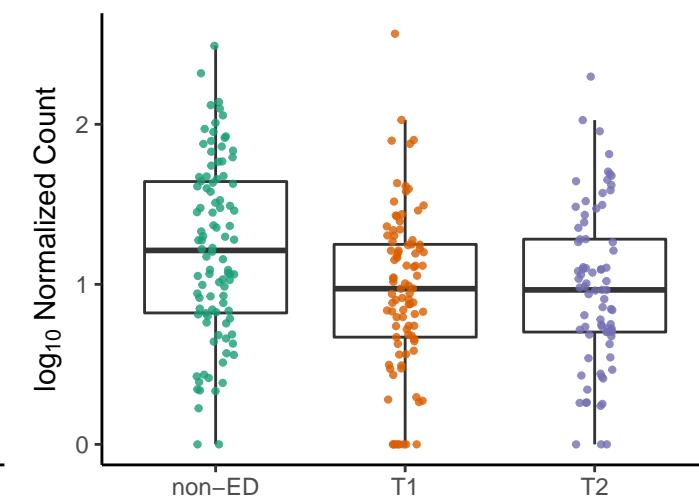
### Unclassified Frankia Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.82



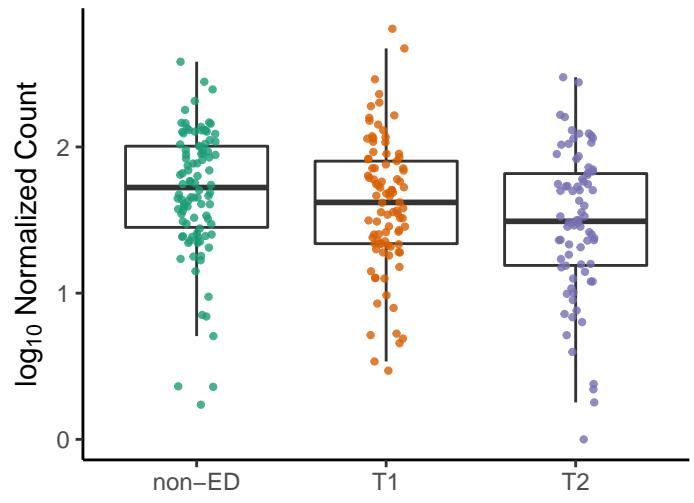
### *Bradyrhizobium* sp. WSM471

non-ED vs. T1 adjusted p = 0.0097  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.79



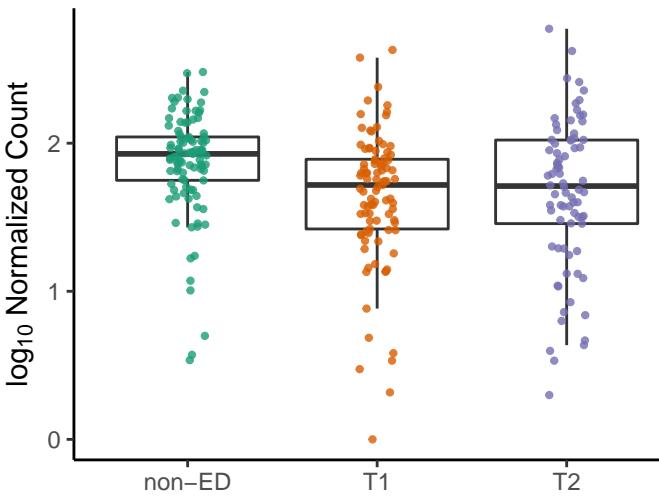
### *Flavobacterium faecale*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.3



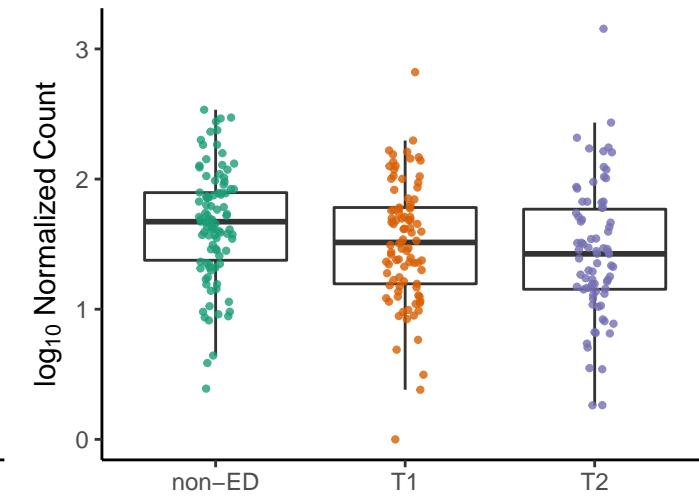
### *Planctopirus ephydiae*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.77



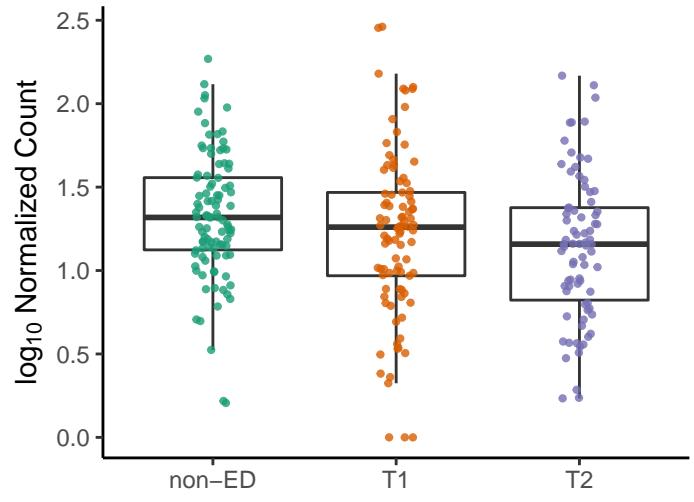
### *Shewanella baltica*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.77



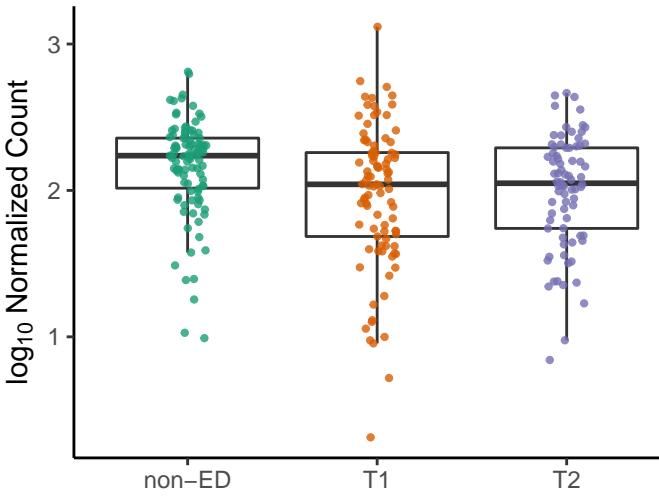
### *Alcaligenes aquatilis*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



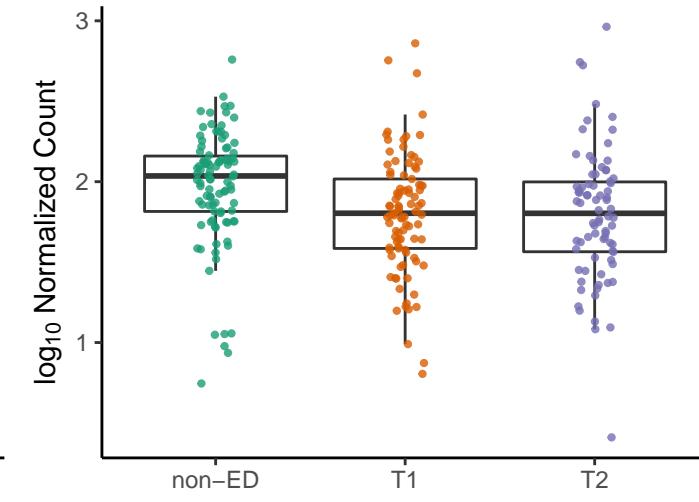
### *Paracoccus* sp. 2251

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.79

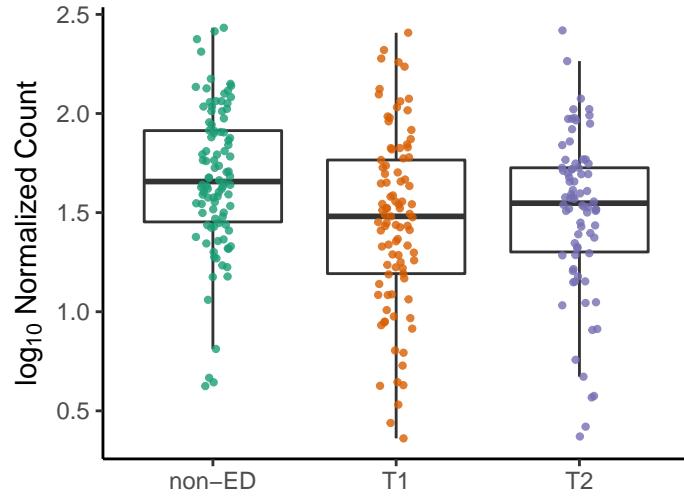


### *Glaesserella parasuis*

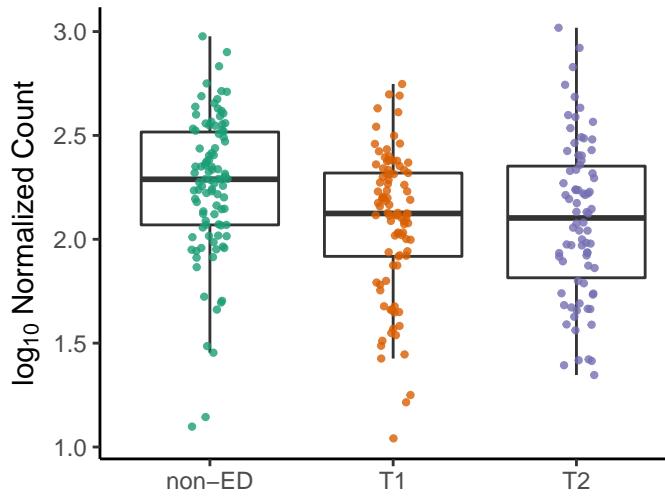
non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.9



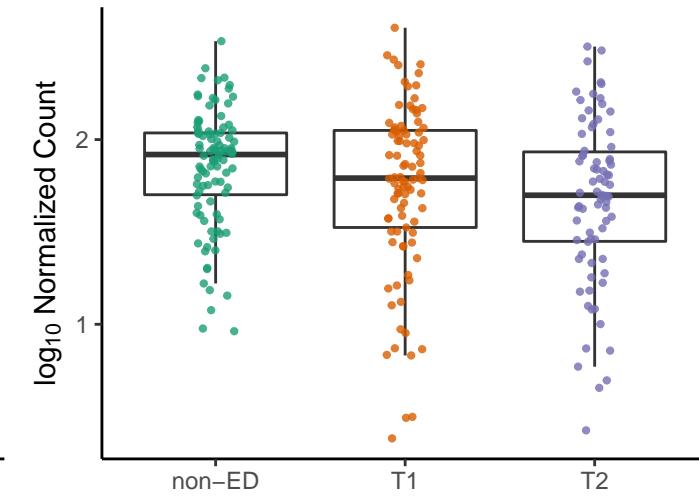
**Mycoplasma sp. (ex Biomphalaria glabr)**  
 non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.81



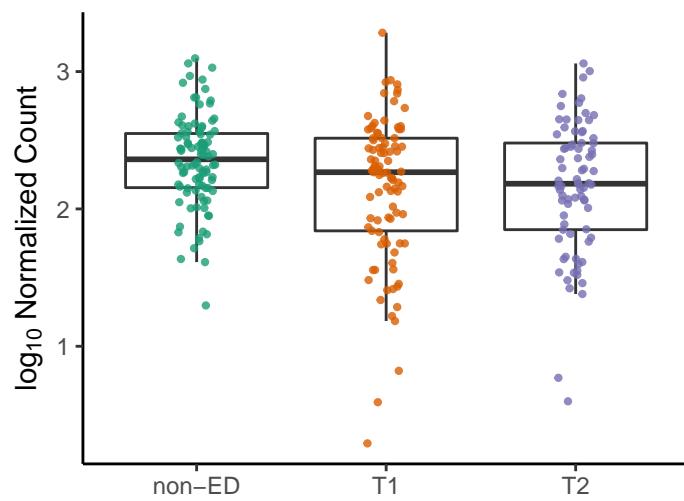
**Pochonia chlamydosporia**  
 non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.93



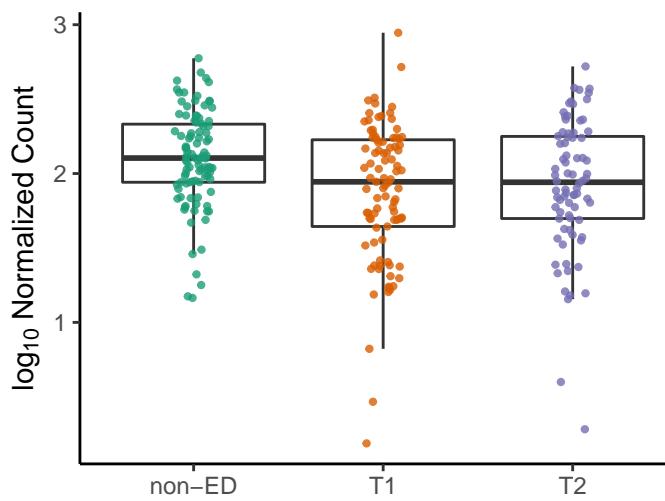
**Celeribacter ethanolicus**  
 non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.79



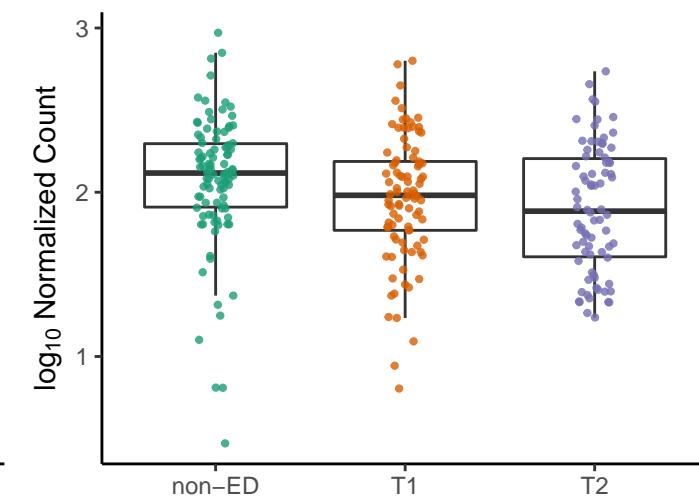
**Pseudomonas citronellolis**  
 non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.78



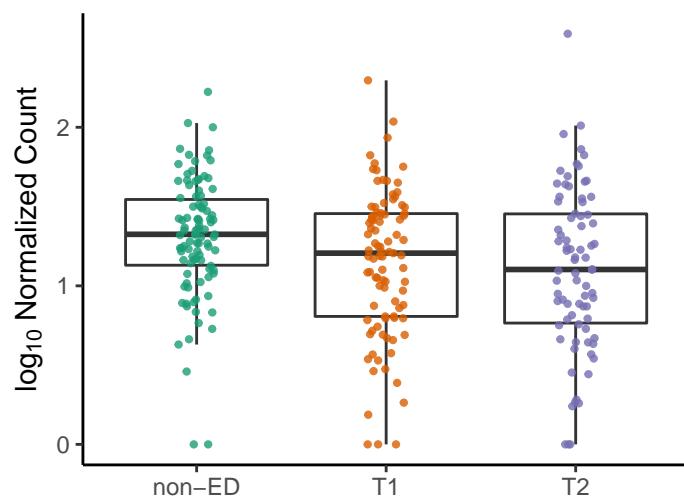
**Rhodobacter blasticus**  
 non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



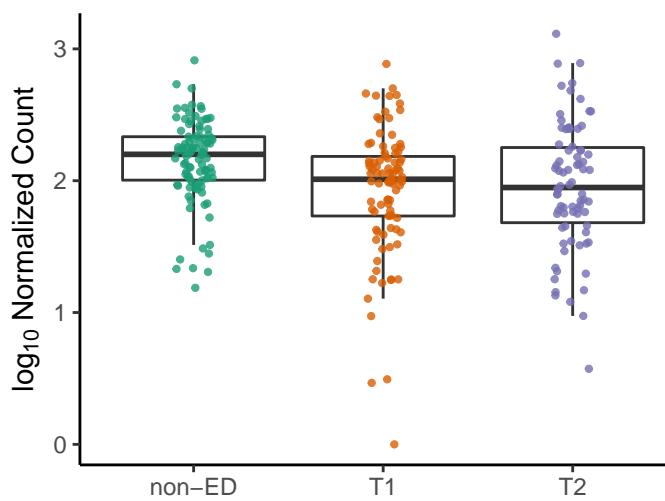
**Tetrapisispora phaffii**  
 non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



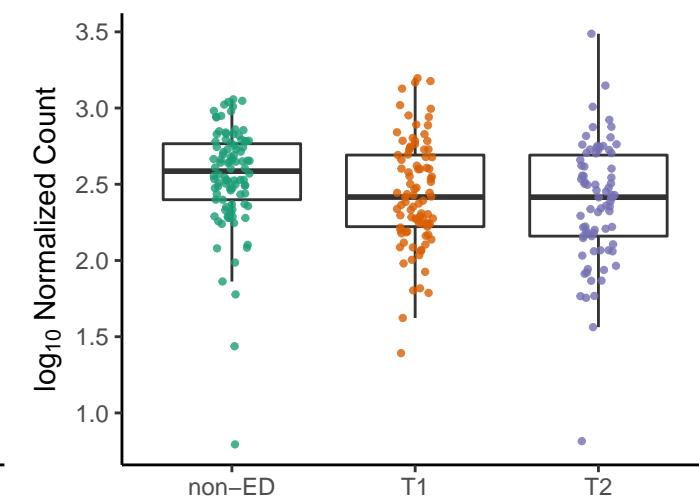
**secondary endosymbiont of Ctenarytaina**  
 non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.99



**Thermoplasmatales archaeon BRNA1**  
 non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.74



**Clostridium tetani**  
 non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.73

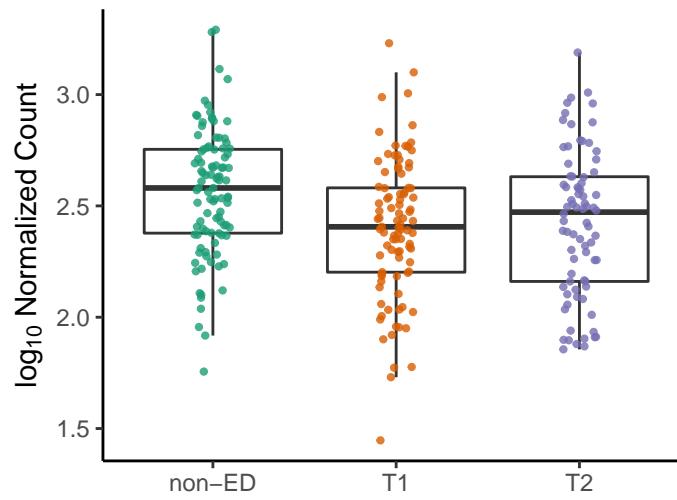


### *Paenibacillus yonginensis*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.02

T1 vs. T2 adjusted p = 0.76

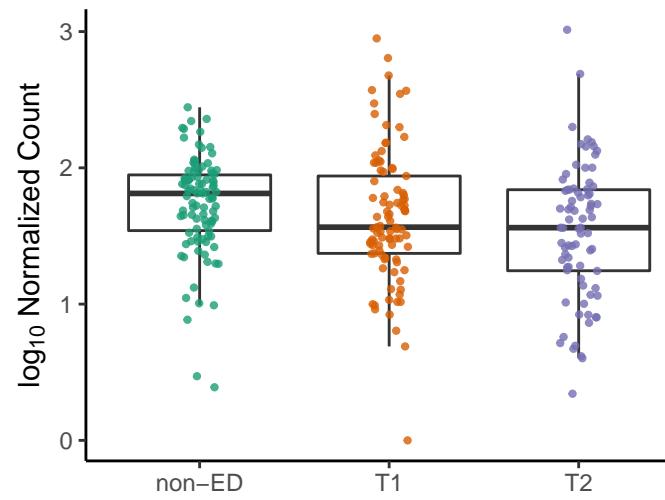


### *Lactobacillus crustorum*

non-ED vs. T1 adjusted p = 0.26

non-ED vs. T2 adjusted p = 0.02

T1 vs. T2 adjusted p = 0.62

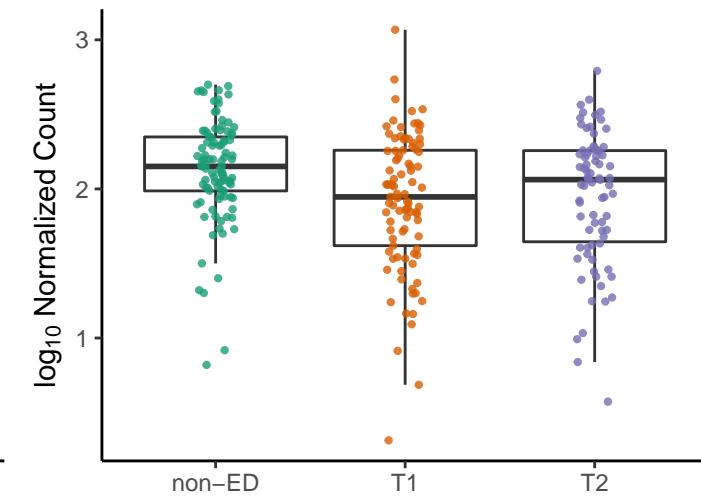


### *Luteimonas* sp. Gr-4

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.76

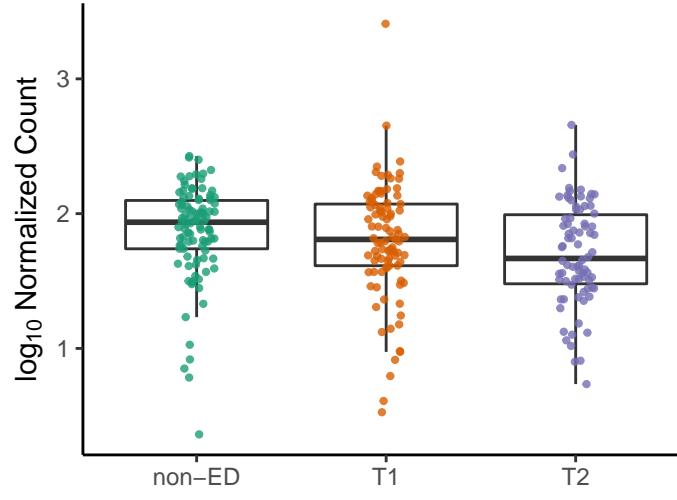


### *Chryseobacterium* sp. IHB B 17019

non-ED vs. T1 adjusted p = 0.35

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.51

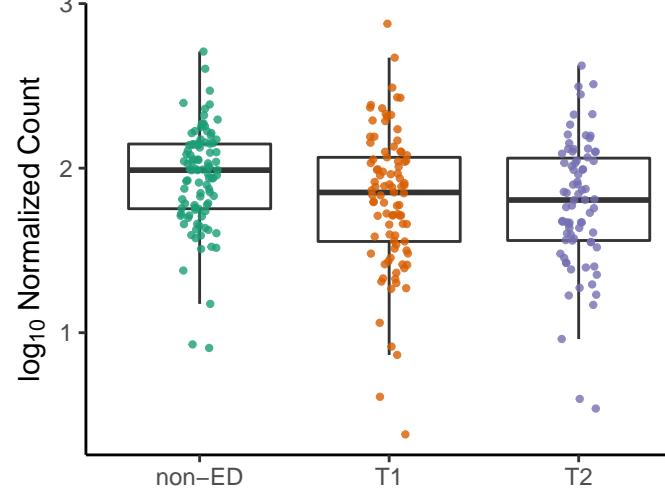


### *Staphylococcus haemolyticus*

non-ED vs. T1 adjusted p = 0.051

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.89

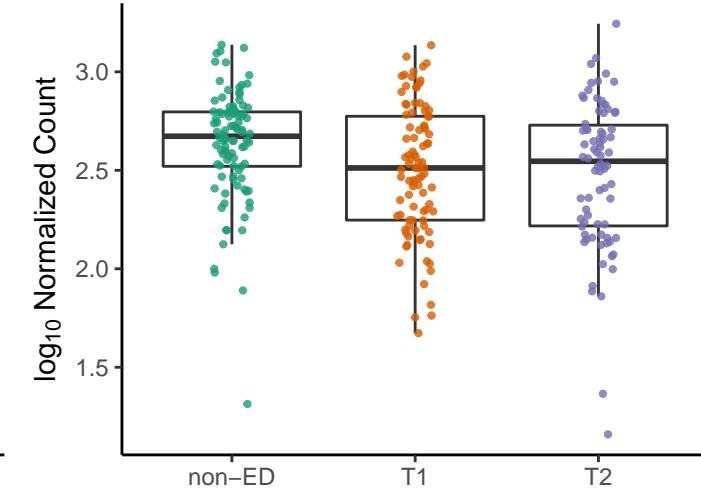


### *Hungateiclostridium saccincola*

non-ED vs. T1 adjusted p = 0.022

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.93

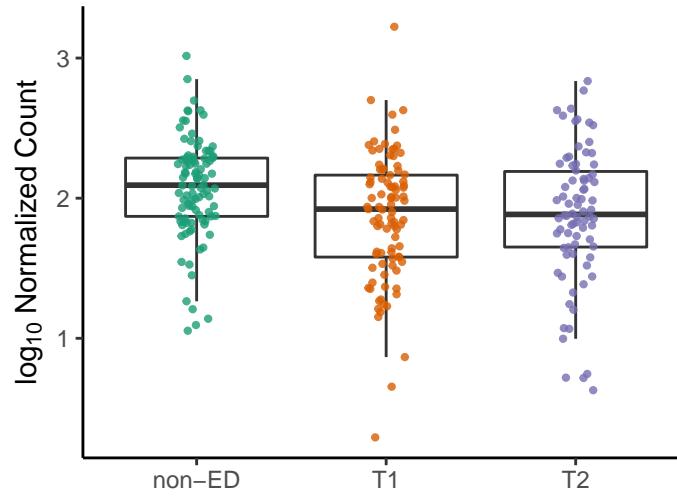


### *Corynebacterium* sp. 2039

non-ED vs. T1 adjusted p = 0.0075

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.84

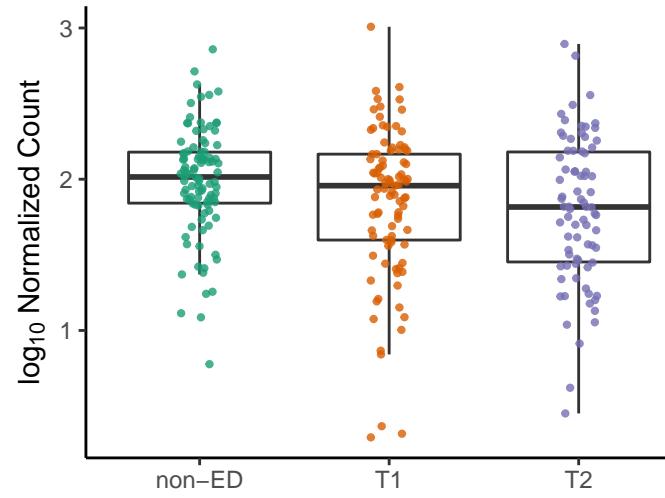


### *Paracoccus aminovorans*

non-ED vs. T1 adjusted p = 0.08

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.97

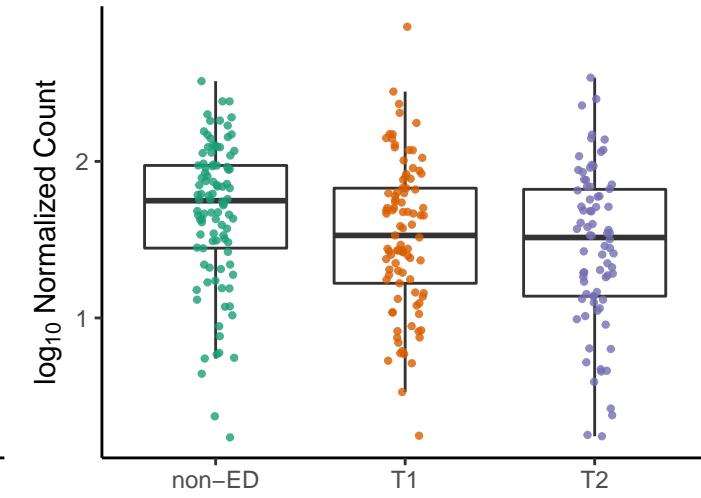


### *Polaribacter* sp. SA4-12

non-ED vs. T1 adjusted p = 0.095

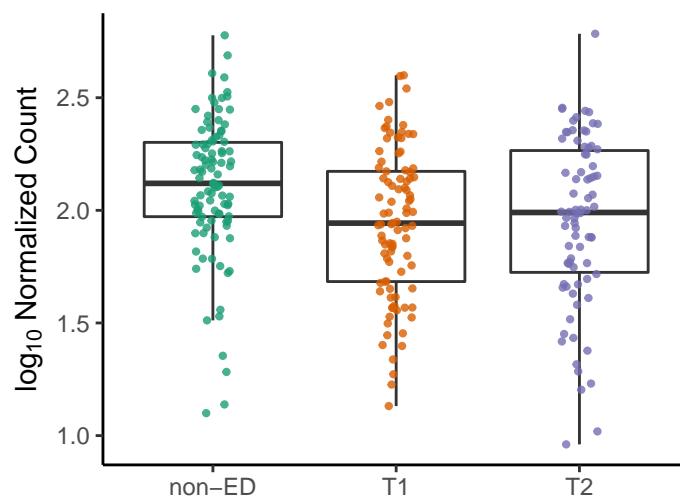
non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.7



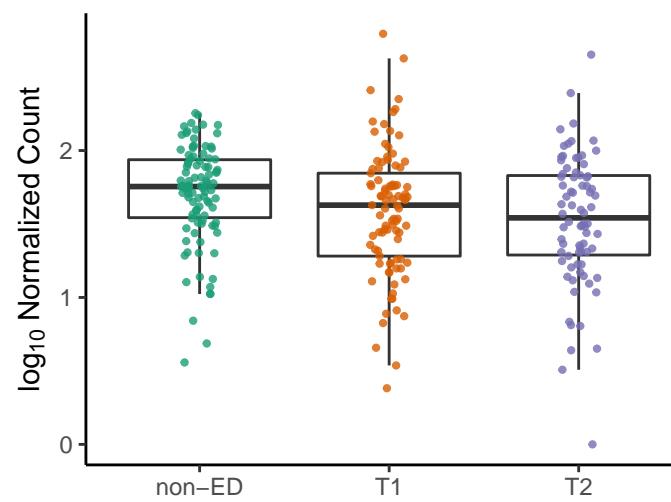
### Unclassified Nostoc Genus

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.91



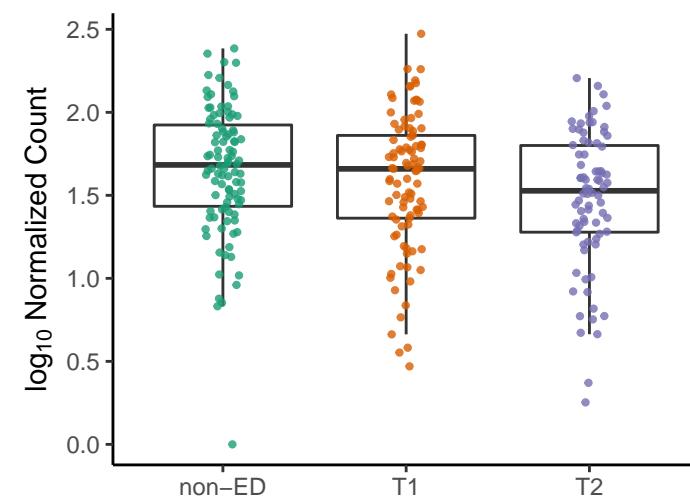
### Vibrio alginolyticus

non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



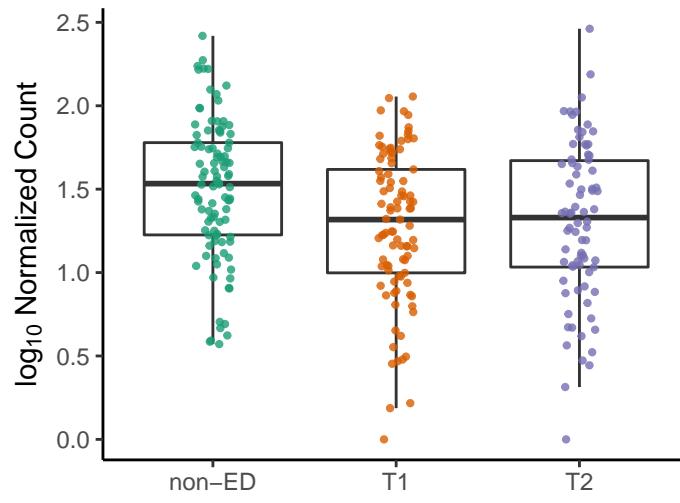
### Staphylococcus auricularis

non-ED vs. T1 adjusted p = 0.34  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.67



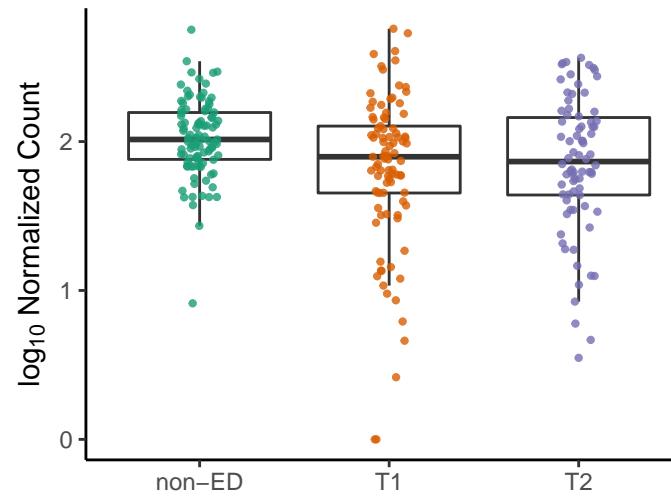
### Bartonella vinsonii

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.89



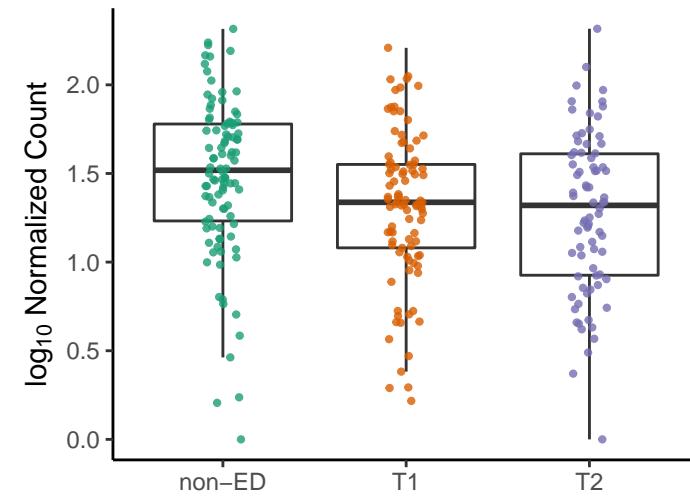
### Bradyrhizobium sp. CCGE-LA001

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.68



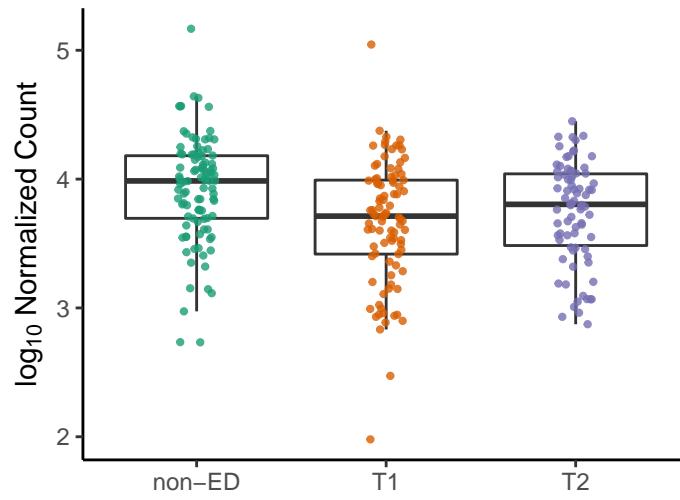
### Candidatus Baumannia cicadellinicola

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.96



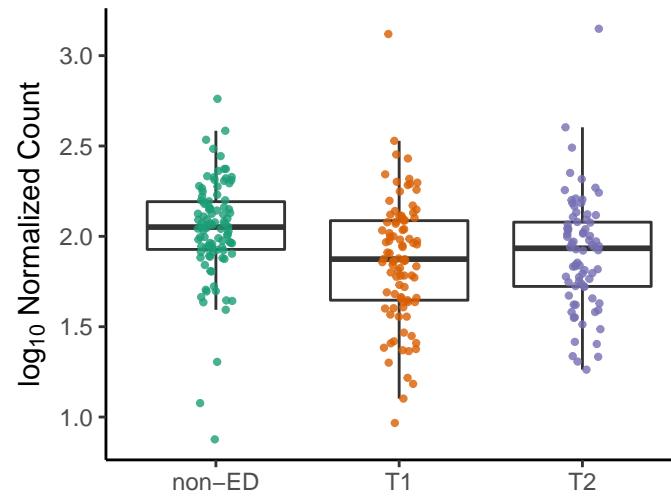
### Ruminococcus champanellensis

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.66



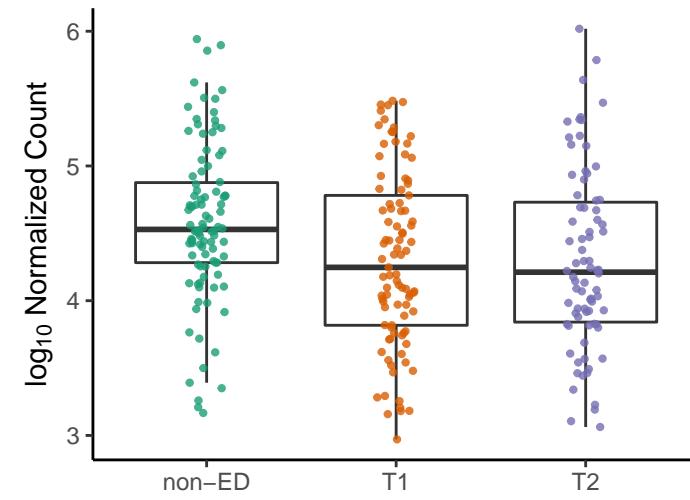
### Vibrio mediterranei

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.77



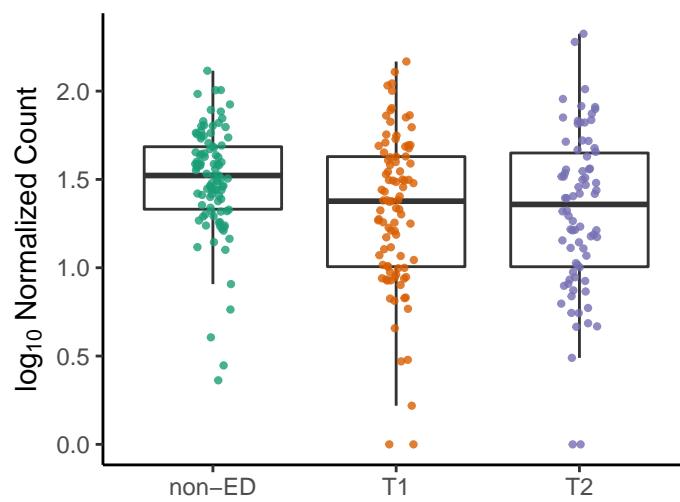
### Lachnospira eligens

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.87



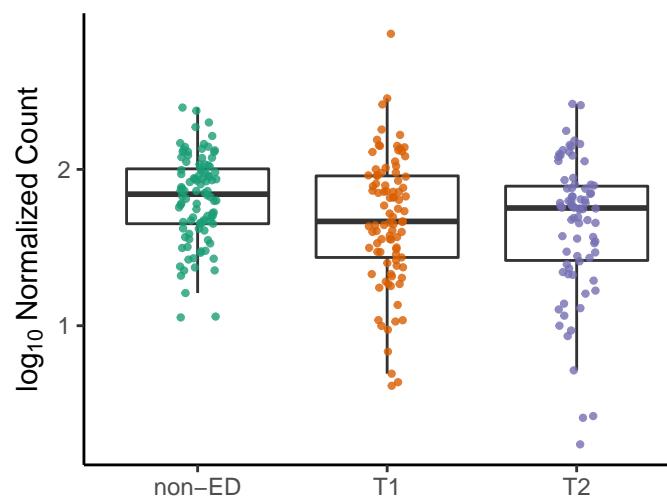
### Unclassified Moraxellaceae Family

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.97



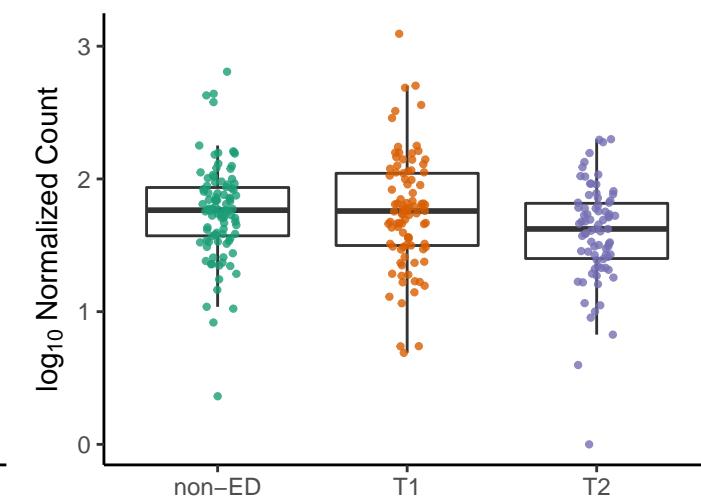
### *Exiguobacterium* sp. N4-1P

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.95



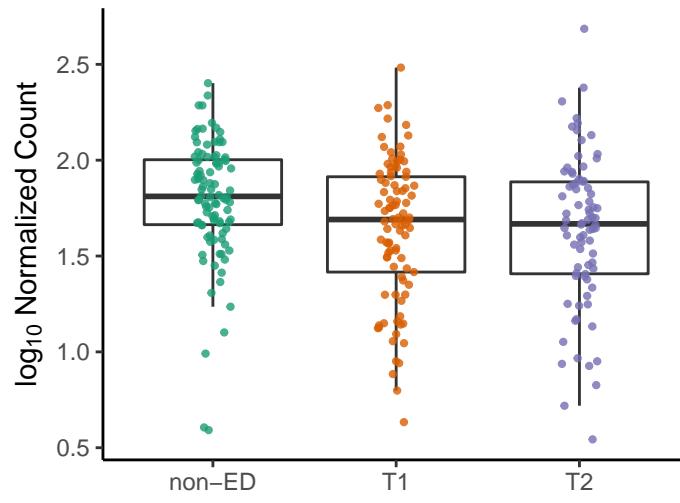
### *Lelliottia* sp. WB101

non-ED vs. T1 adjusted p = 0.99  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.37



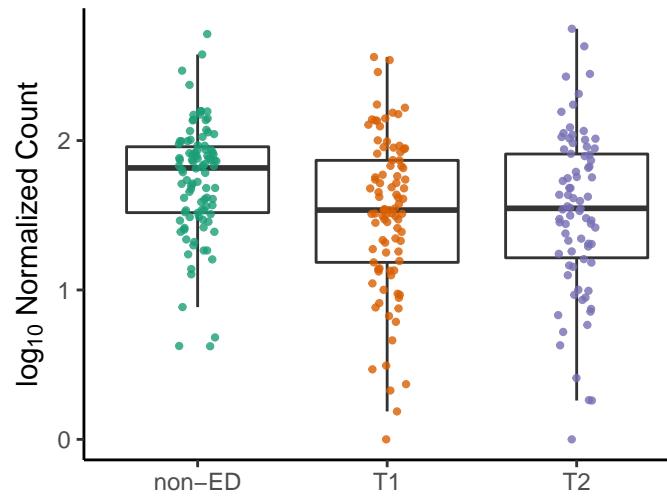
### *Gallionella capsiferriformans*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.89



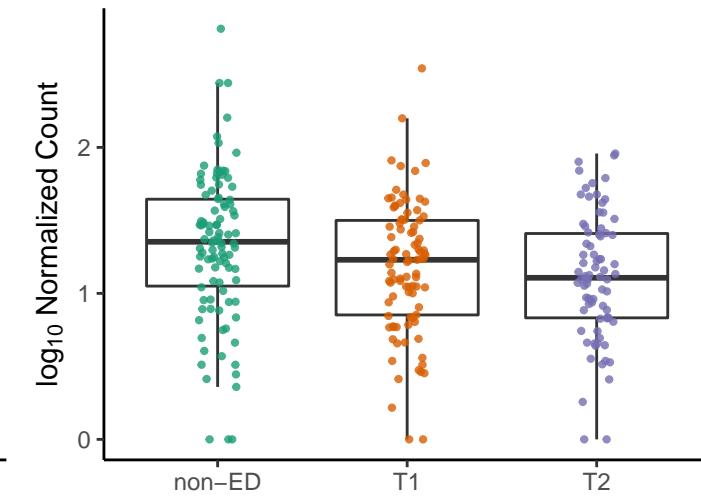
### *Halohasta litchfieldiae*

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.77



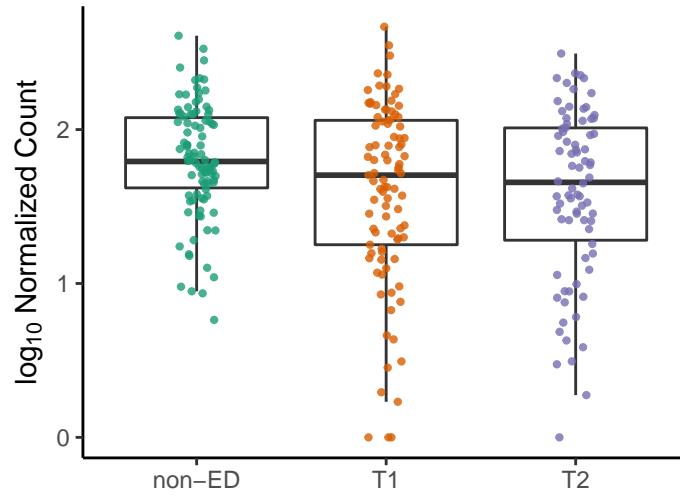
### *Polynucleobacter asymbioticus*

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



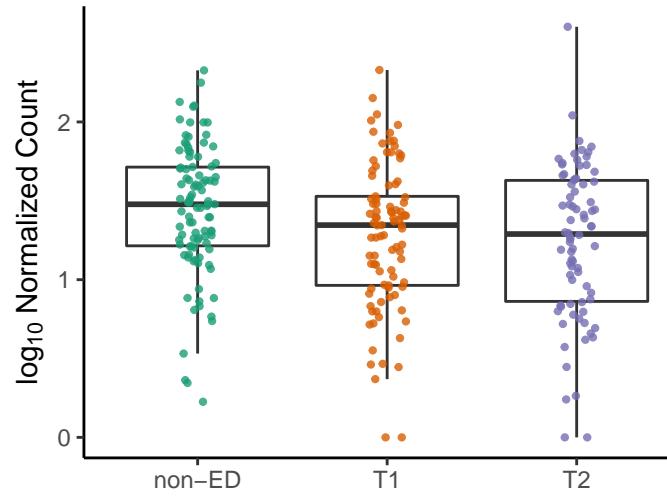
### Unclassified Intrasporangiaceae Family

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.91



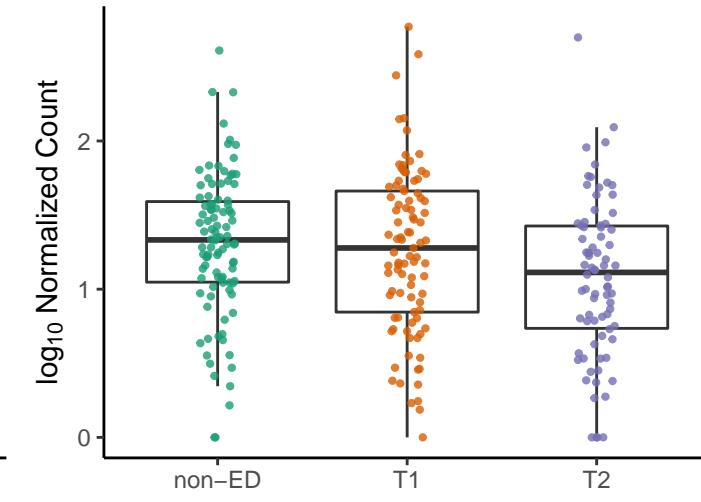
### *Idiomarina loihiensis*

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.77



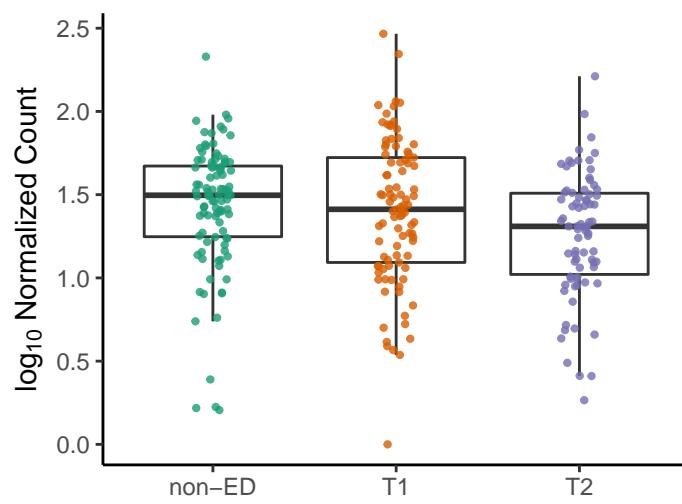
### *Lelliottia nimipressuralis*

non-ED vs. T1 adjusted p = 0.68  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.63



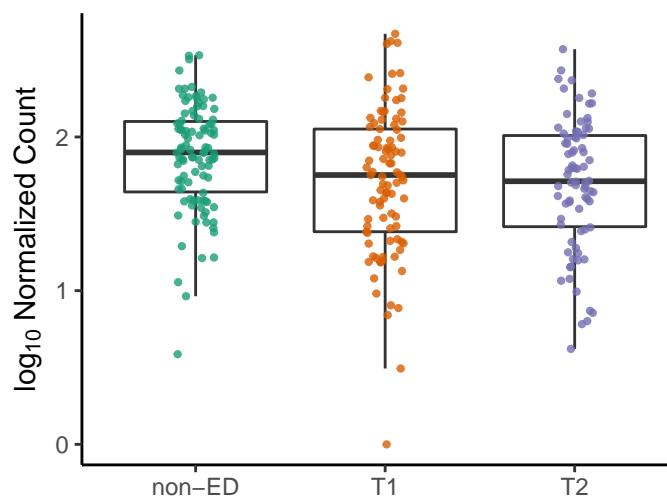
### Gramella sp. MAR\_2010\_102

non-ED vs. T1 adjusted p = 0.69  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.56



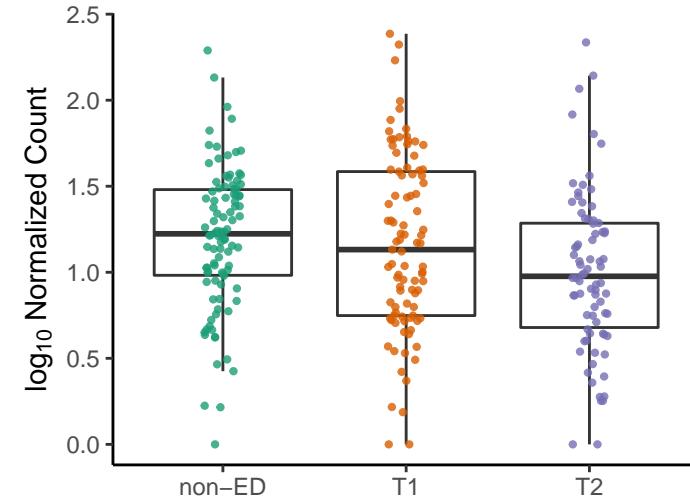
### Phycicoccus sp. HDW14

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.98



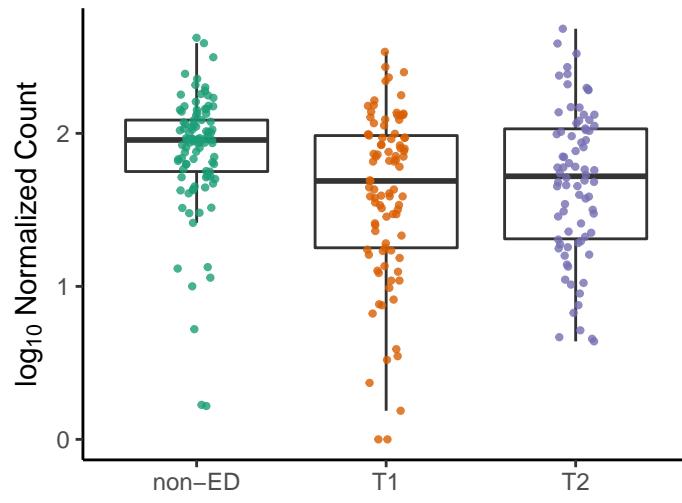
### Prochlorococcus sp. MIT 0801

non-ED vs. T1 adjusted p = 0.69  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.67



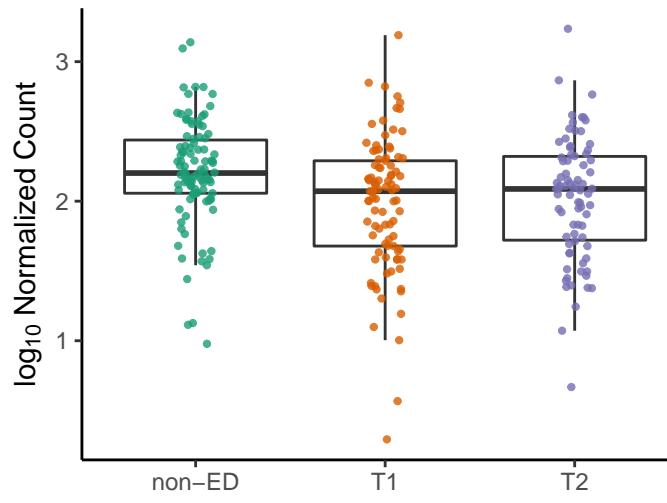
### Unclassified Chlorobiaceae Family

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.63



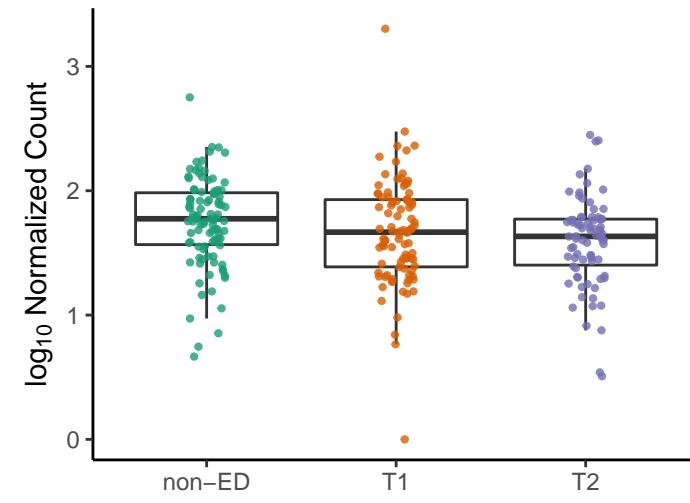
### Rhodomicrobium vannielii

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



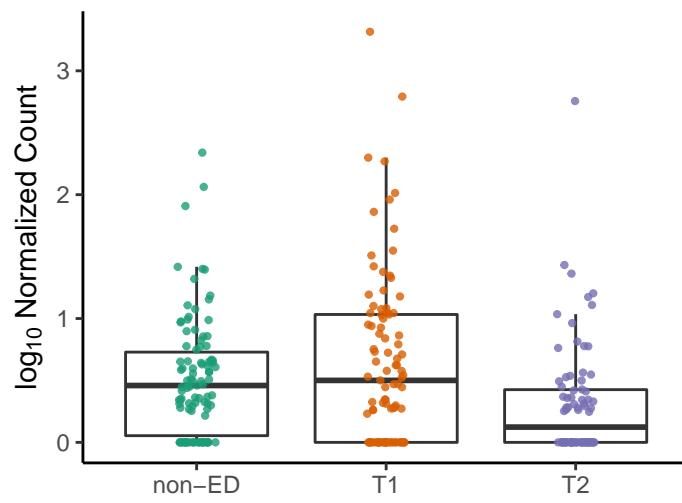
### Lactobacillus koreensis

non-ED vs. T1 adjusted p = 0.22  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.89



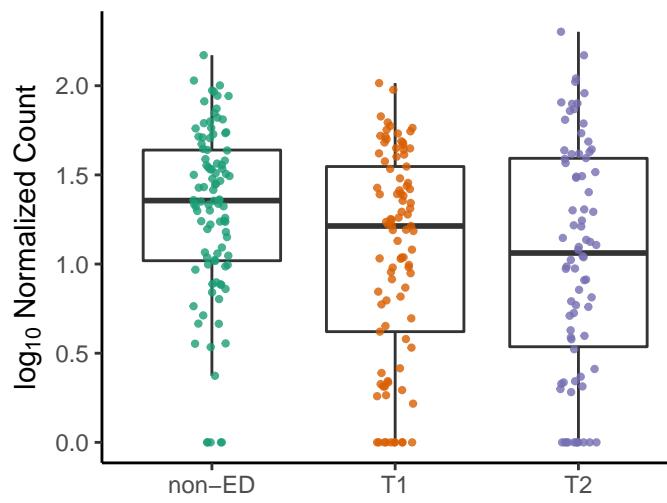
### Citrobacter sp. FDAARGOS\_156

non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.036



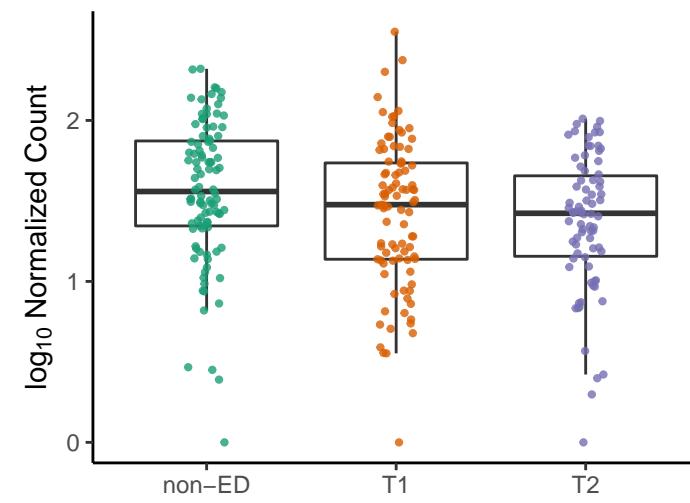
### Capnocytophaga sp. H2931

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



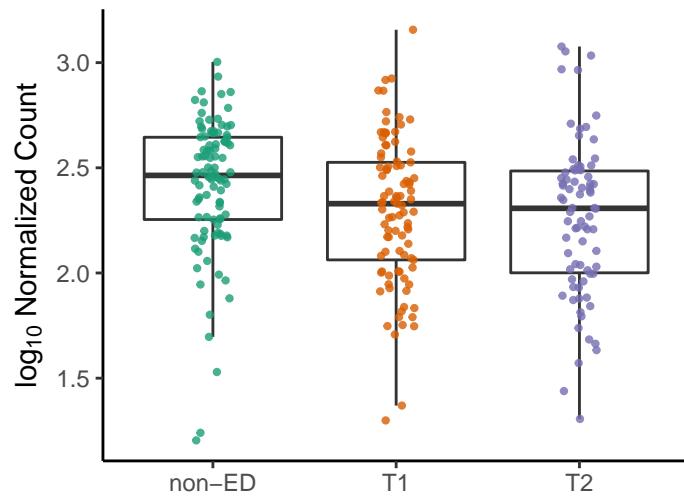
### Geminocystis sp. NIES-3708

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.8



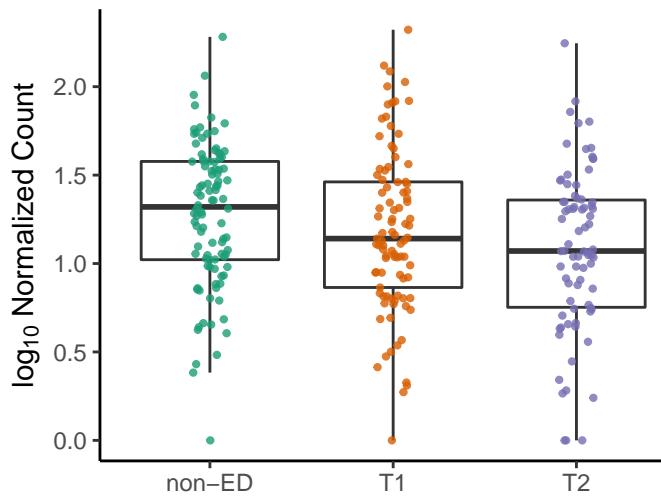
### *Halocella* sp. SP3-1

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



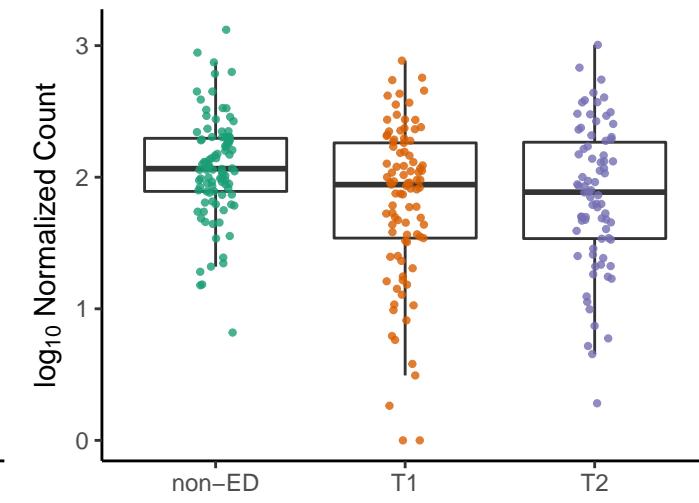
### *Mycoplasma glycophilum*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.77



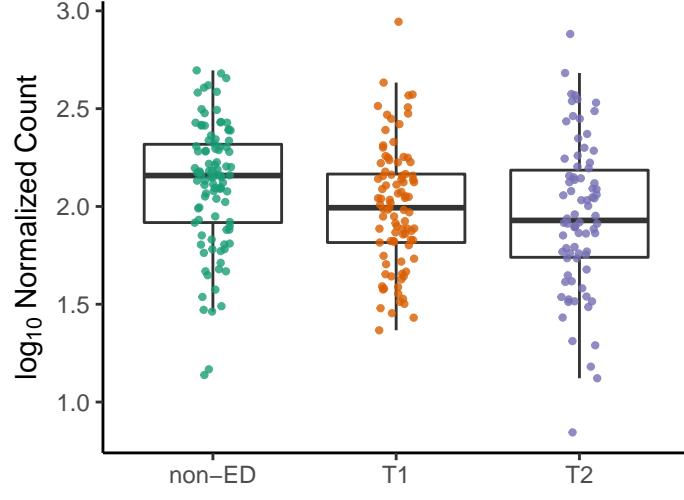
### *Streptomyces parvulus*

non-ED vs. T1 adjusted p = 0.0072  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.7



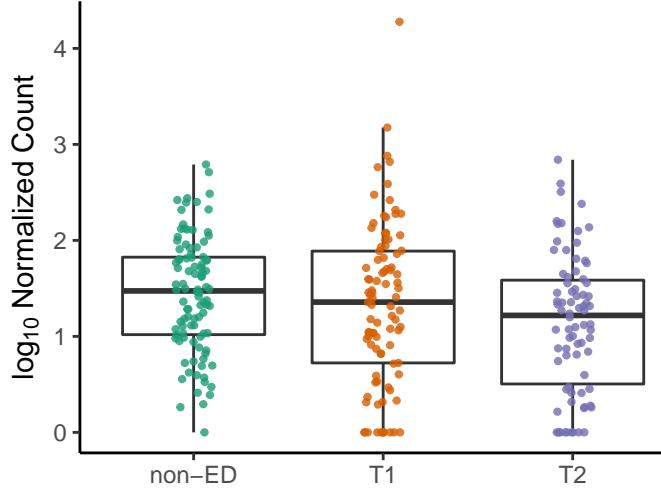
### *Flammeovirga* sp. MY04

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.73



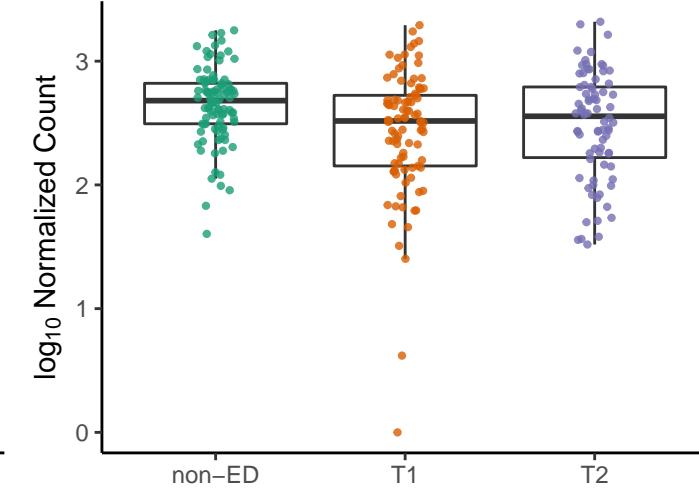
### *Desulfovibrio* sp. G11

non-ED vs. T1 adjusted p = 0.42  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.63



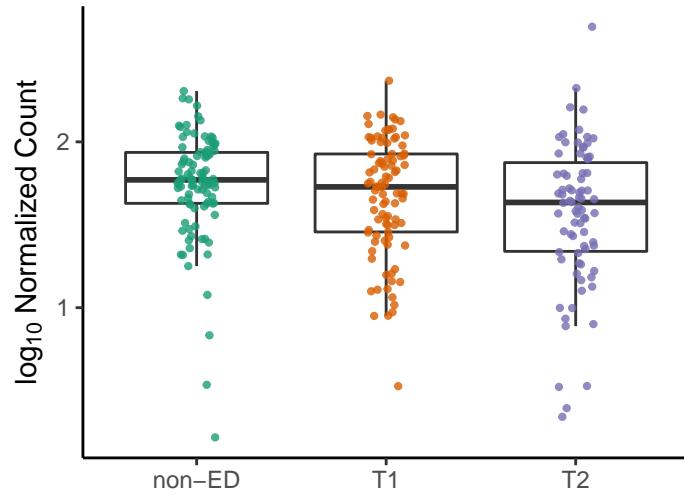
### Unclassified *Bordetella* Genus

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.7



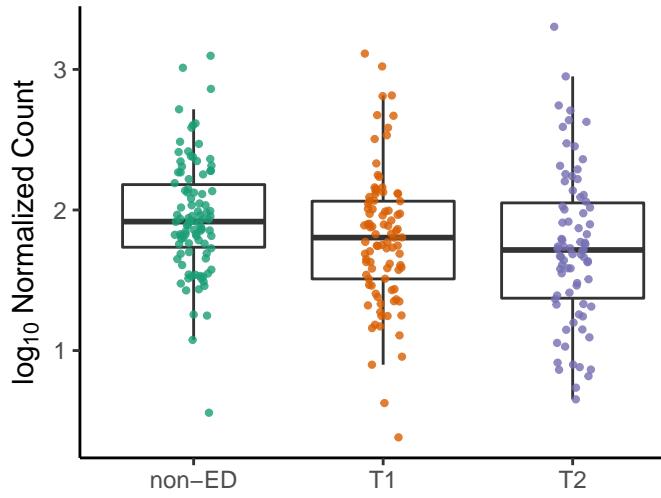
### *Photorhabdus laumondii*

non-ED vs. T1 adjusted p = 0.28  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.57



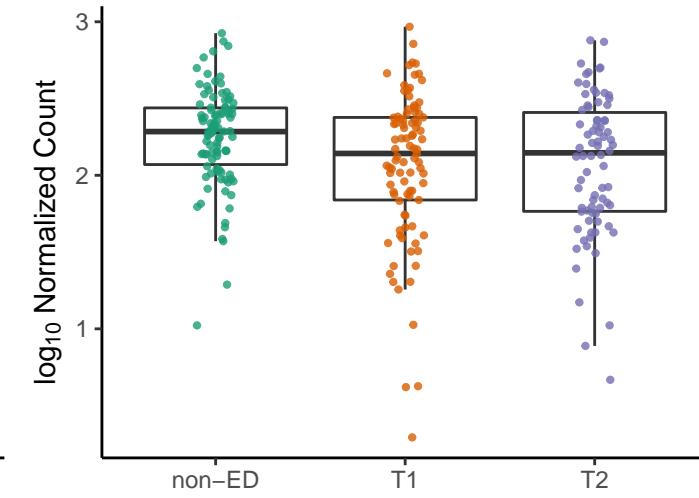
### Unclassified *Haemophilus* Genus

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



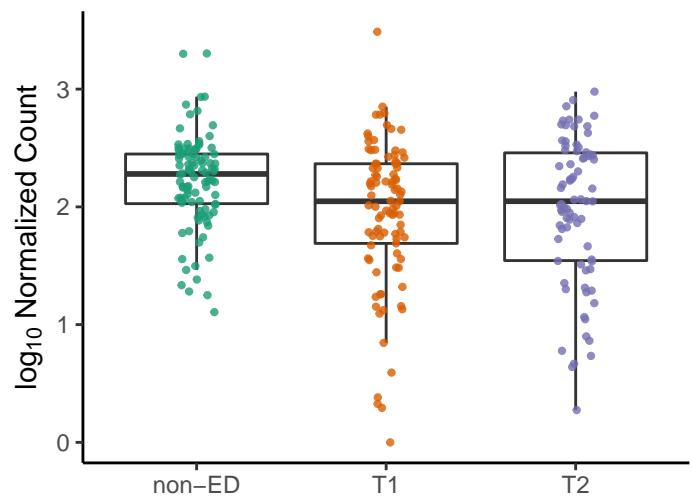
### *Thiohalobacter thiocyanaticus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



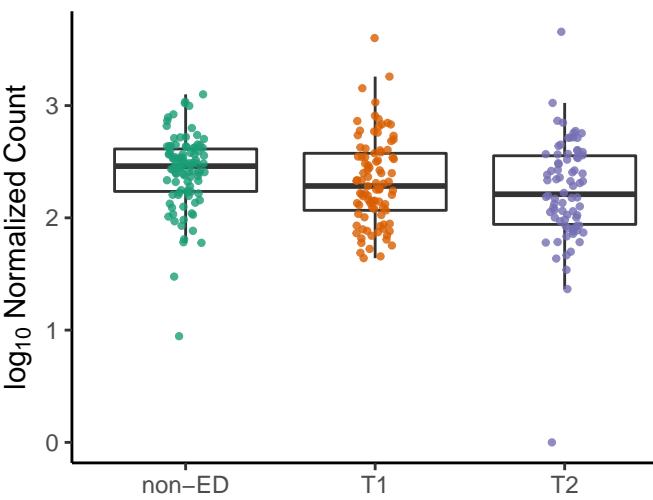
### *Ottowia oryzae*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.75



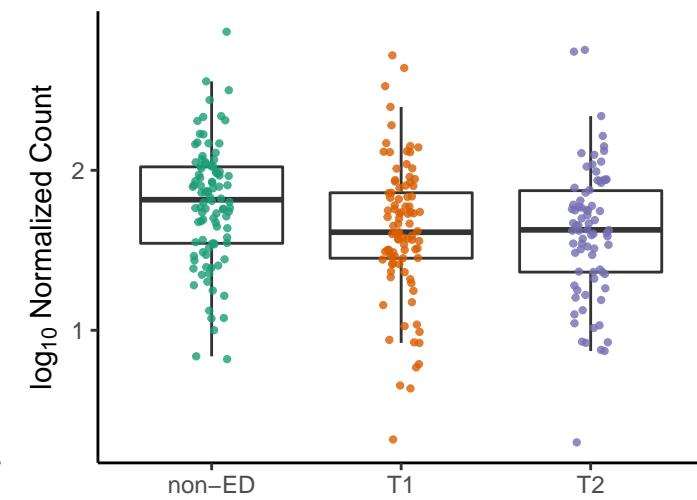
### *Lactobacillus iners*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.7



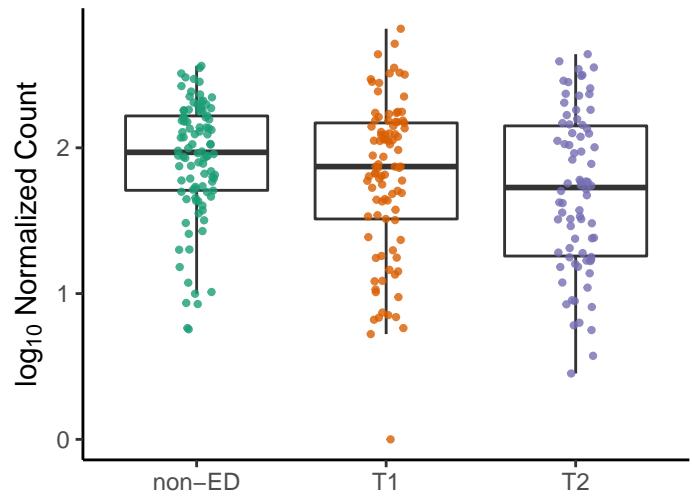
### *Erwinia* sp. J780

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



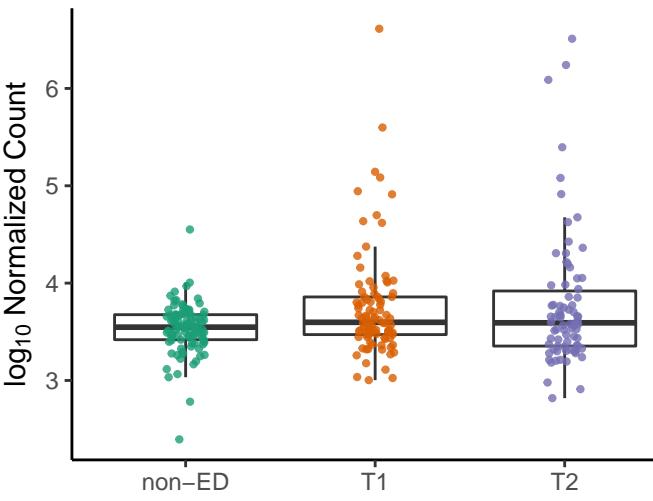
### *Agromyces aureus*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.76



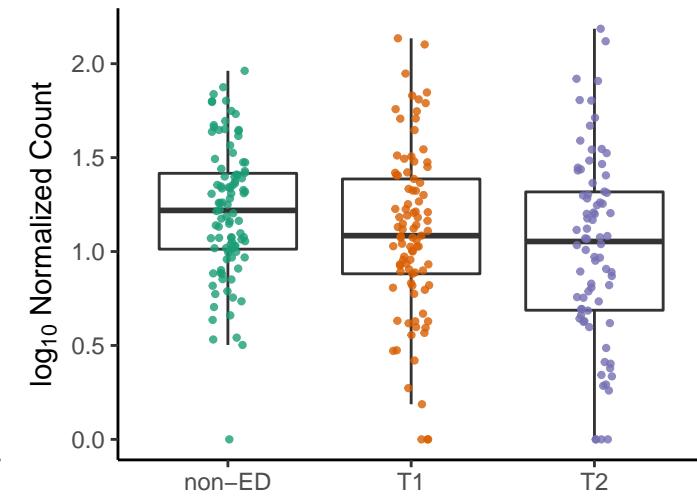
### *Anaerostipes rhamnosivorans*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



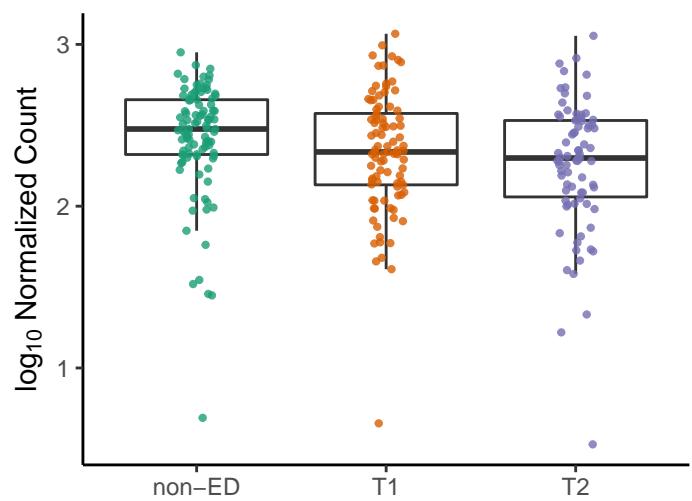
### *Clostridium diolis*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.71



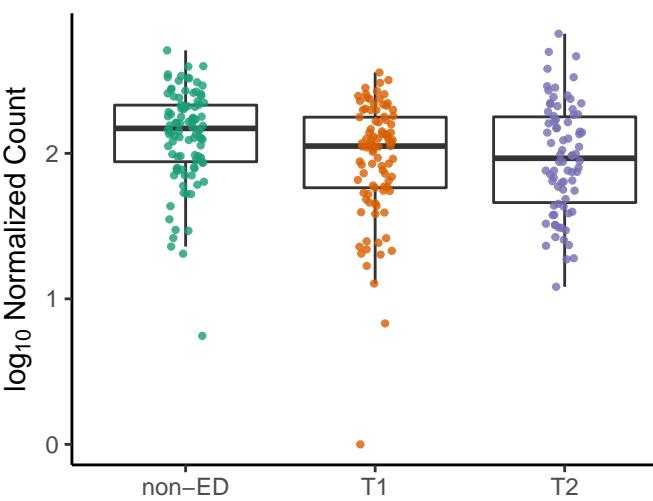
### *Clostridium* sp. JN-1

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.63



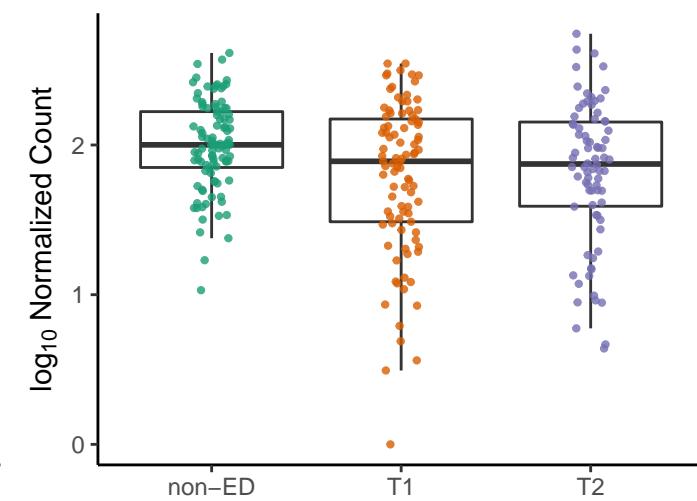
### *Fusarium verticillioides*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.93



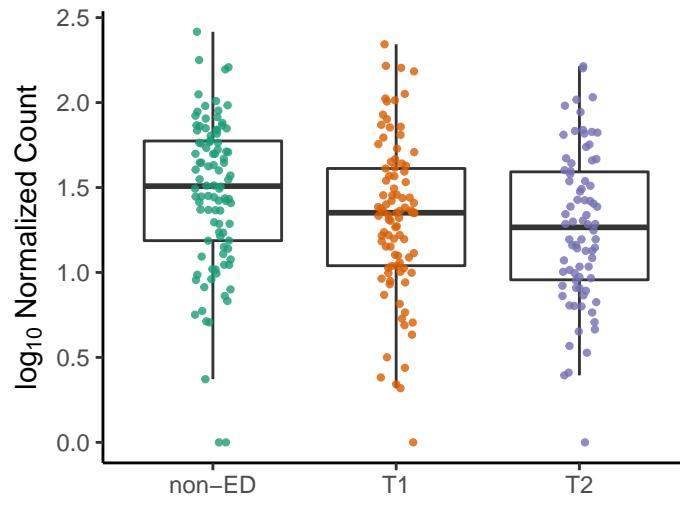
### *Humibacter* sp. WJ7-1

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.83



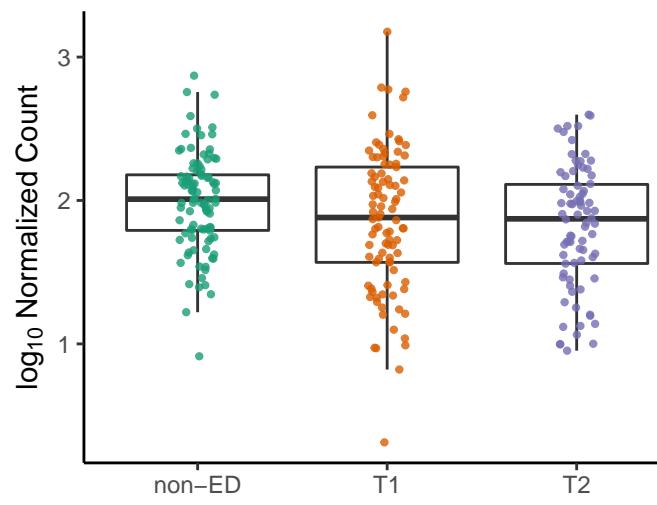
### *Mycoplasma putrefaciens*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



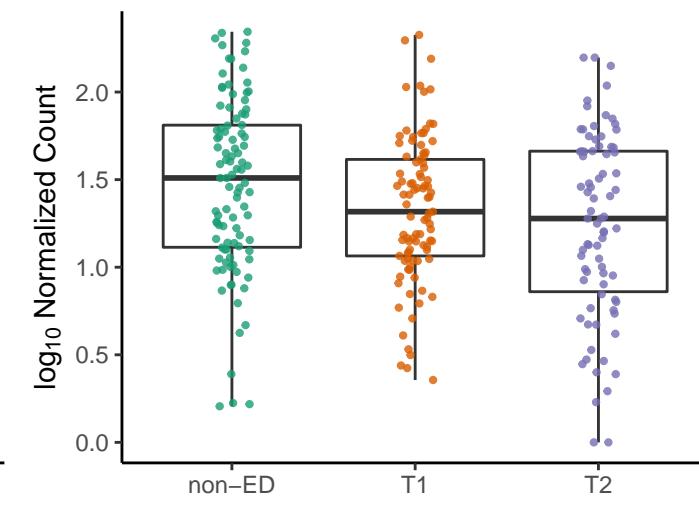
### *Nocardia otitidiscauli*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



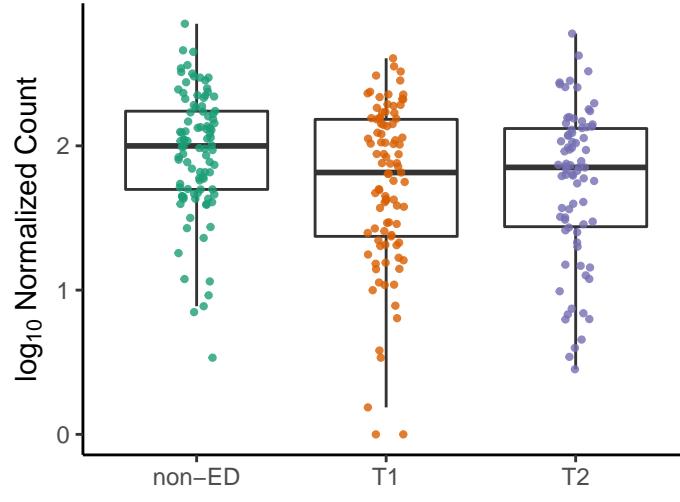
### *Spiroplasma clarkii*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.68



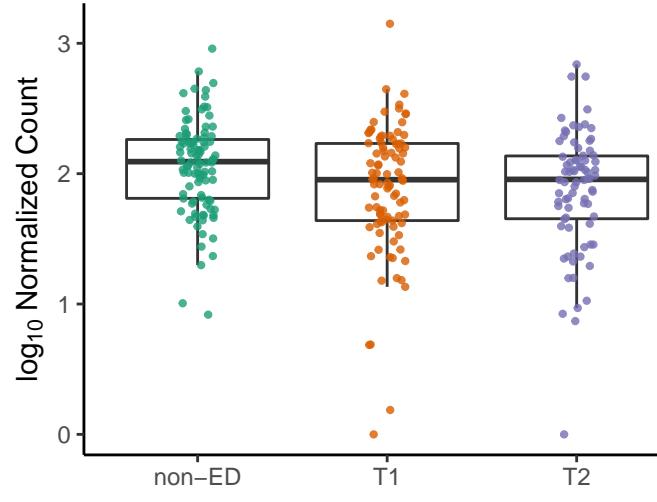
### *Streptomyces pristinaespiralis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



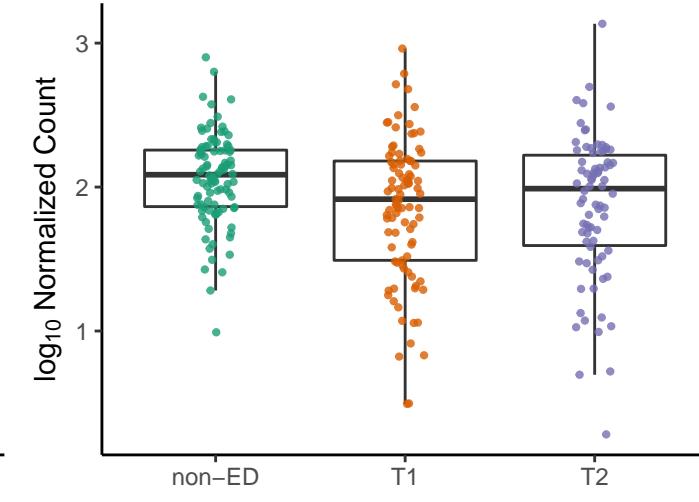
### *Sulfuriferula plumbiphila*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



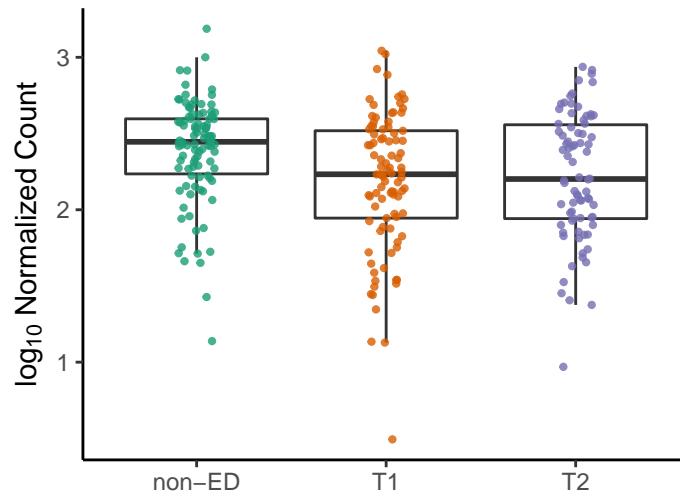
### *Thiomonas intermedia*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.81



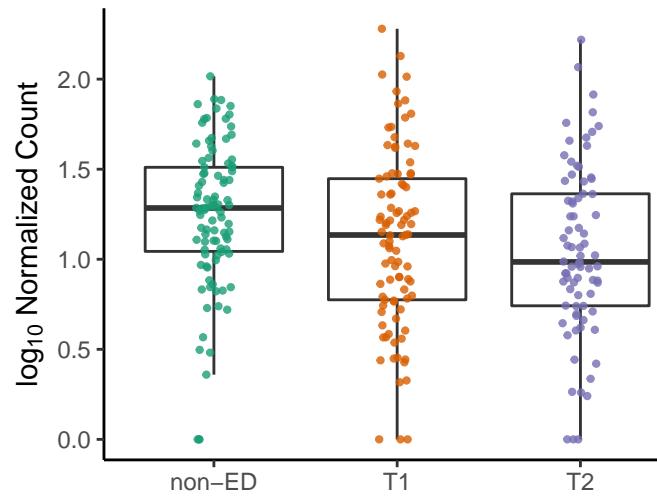
### *Deinococcus proteolyticus*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.68



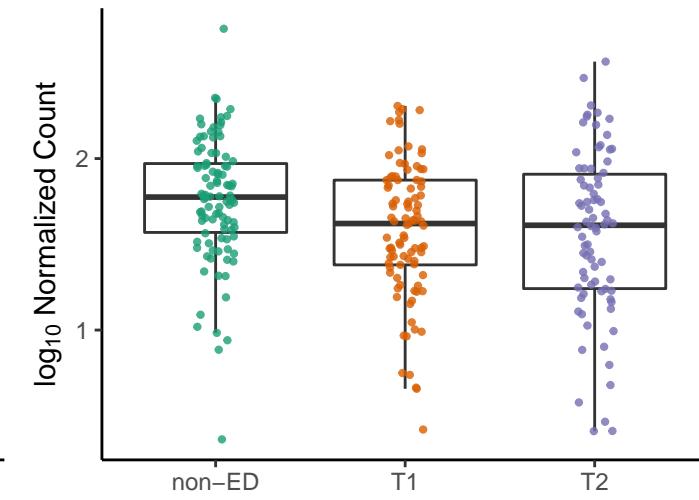
### *Francisella persica*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.73



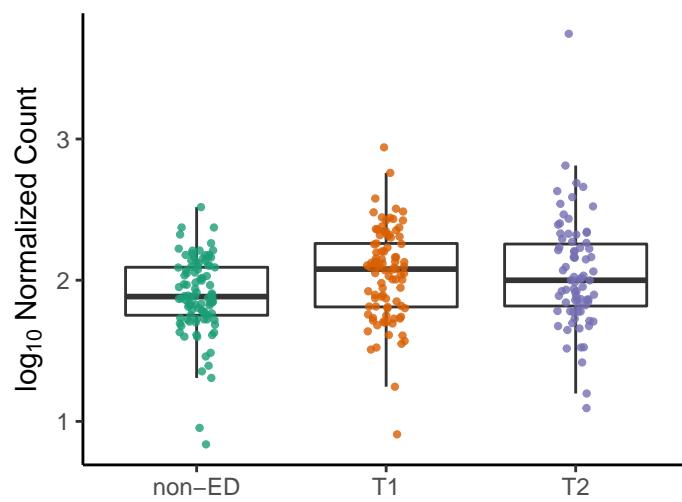
### *Lactobacillus terrae*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.89



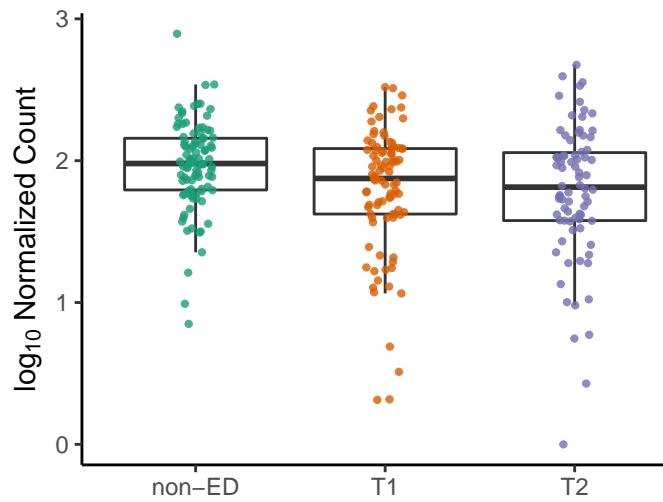
### *Oceanispirochaeta* sp. K2

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



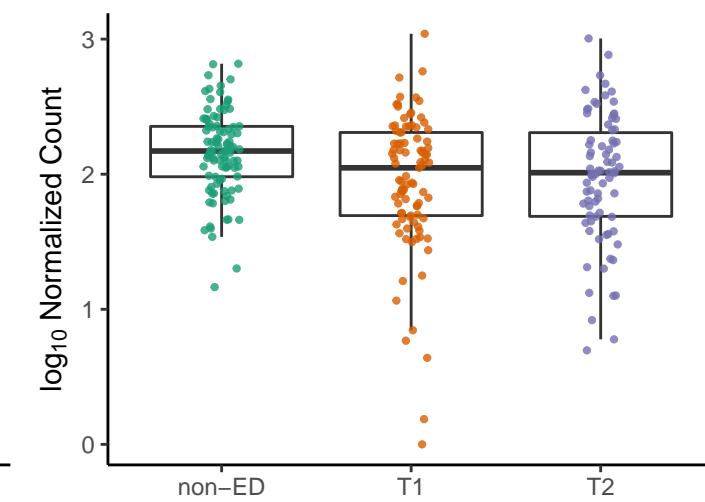
### *Paraburkholderia hospita*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.96



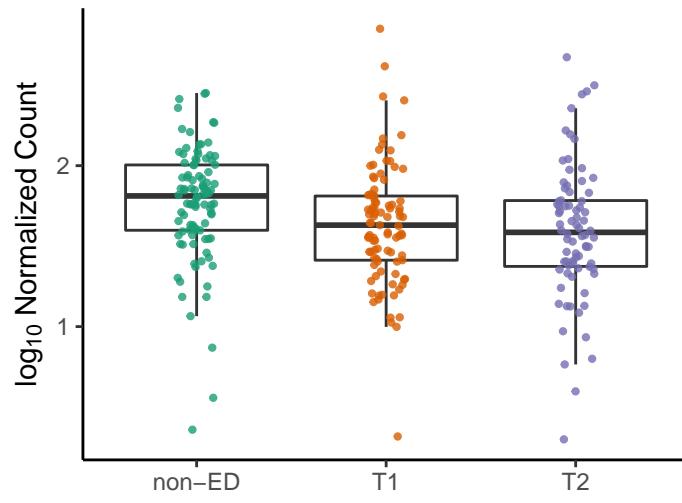
### *Paucibacter* sp. KCTC 42545

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.76



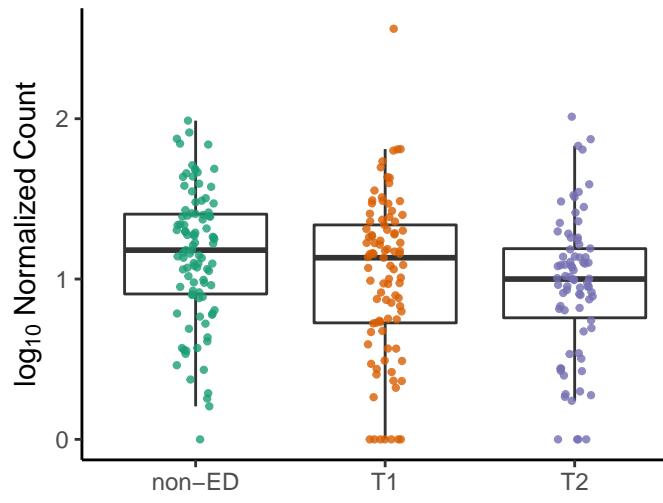
### *Corynebacterium stationis*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



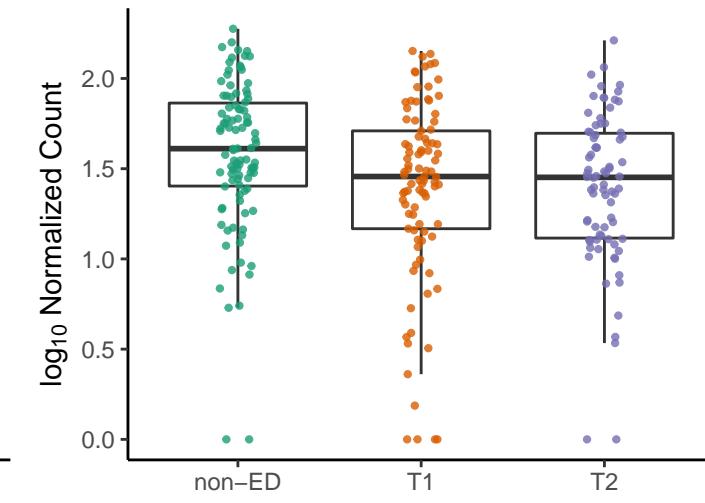
### *Xanthomonas euvesicatoria*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.88



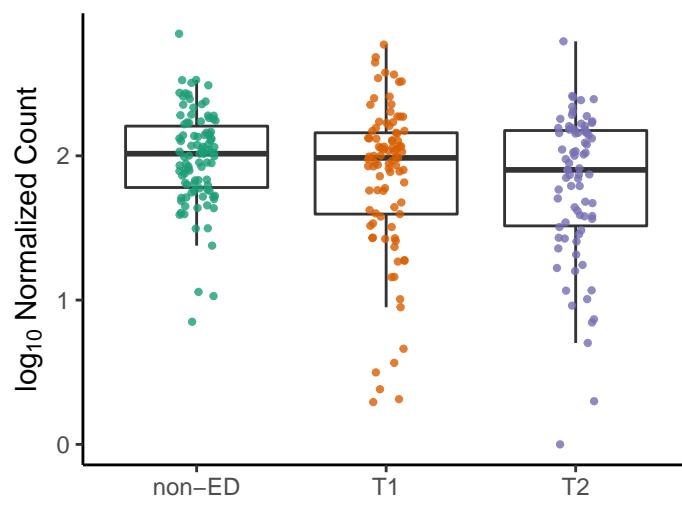
### *Francisella hispaniensis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



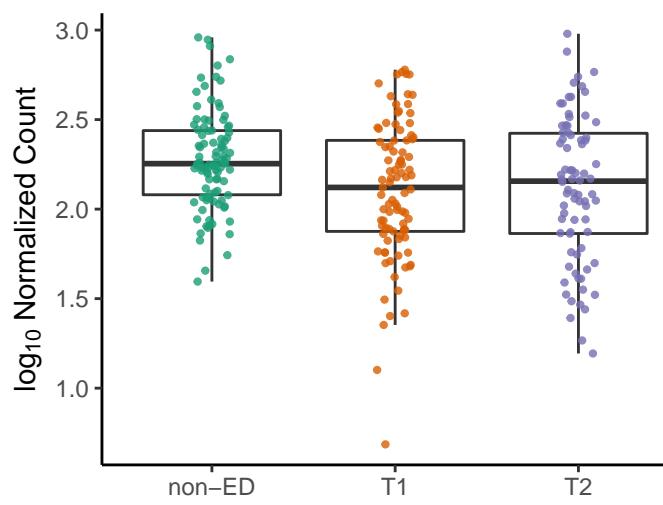
### *Halomonas chromatireducens*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.79



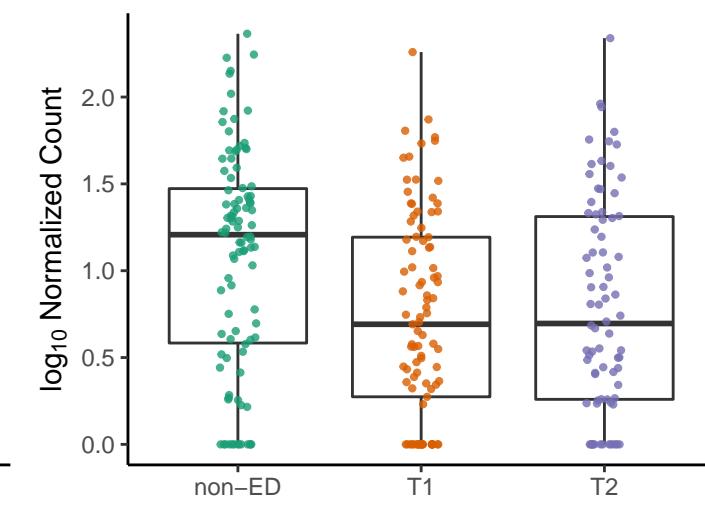
### *Microbacterium foliorum*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.79



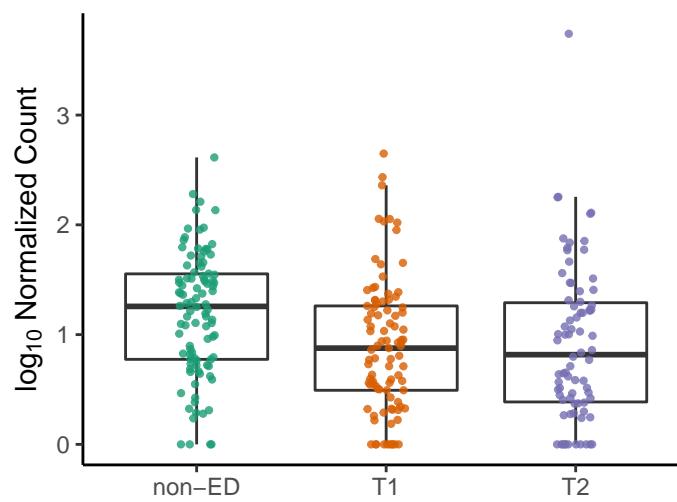
### Unclassified *Thermaerovibrio* Genus

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.7



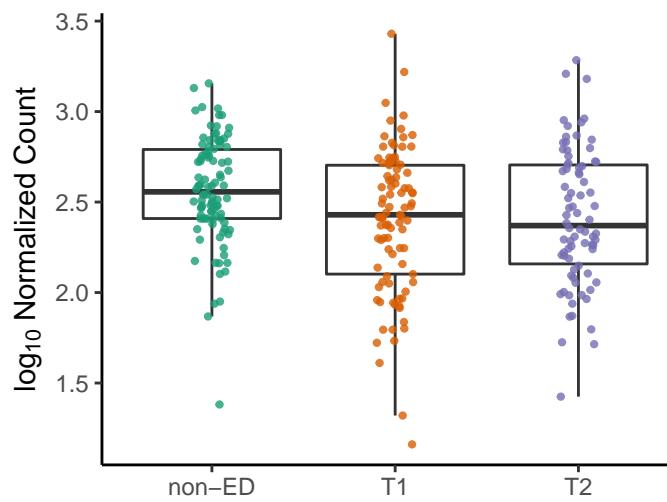
### *Elizabethkingia bruuniana*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.96



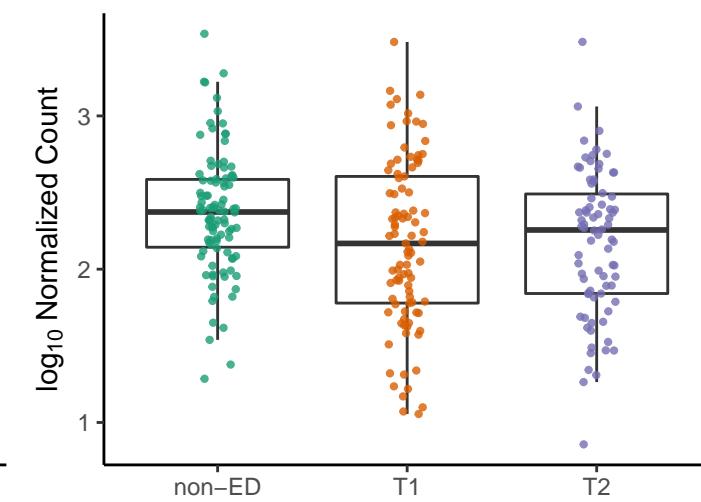
### *Colletotrichum higginsianum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.78



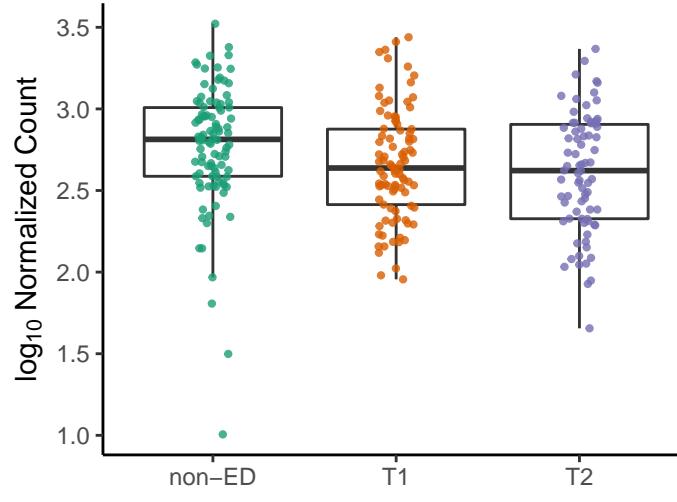
### Unclassified Actinomycetaceae Family

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



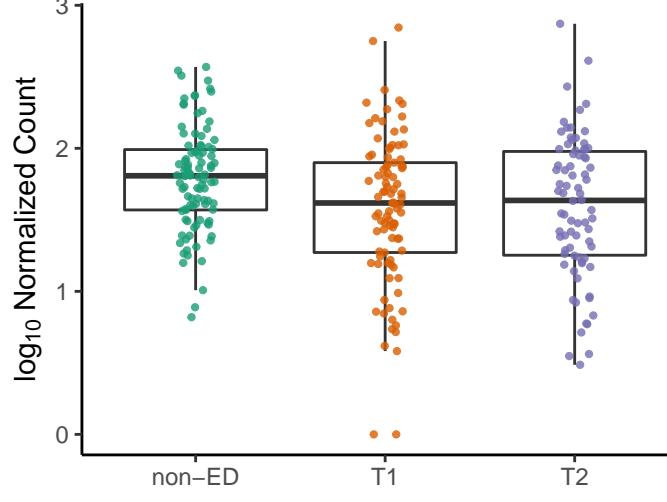
### *Buchnera aphidicola*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



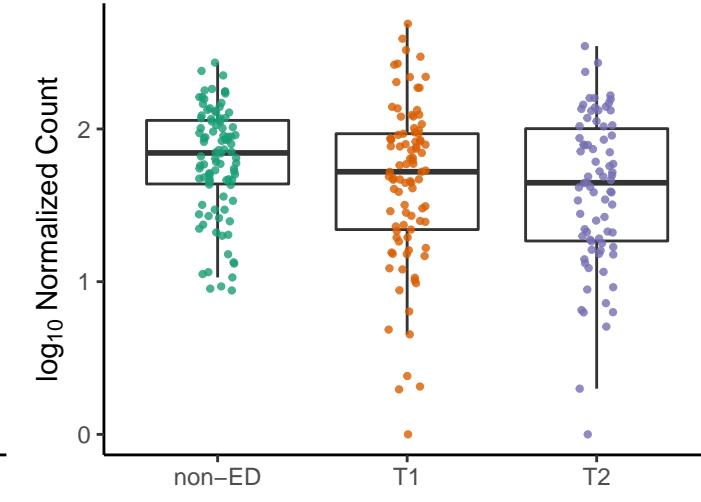
### *Leucobacter sp. HDW9C*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.8



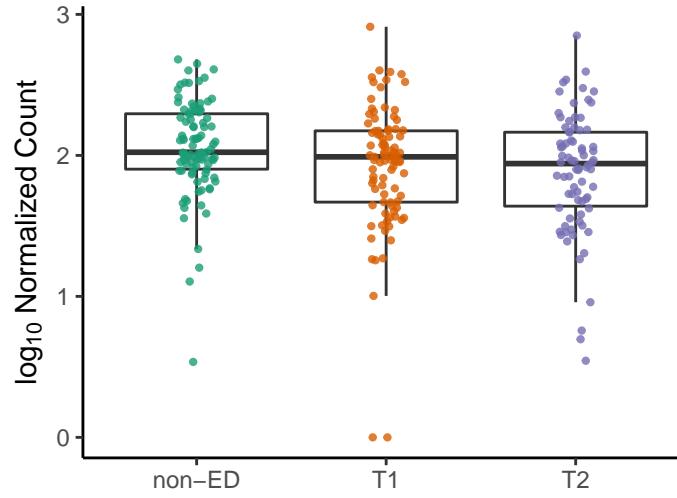
### *Rathayibacter sp. VKM Ac-2759*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



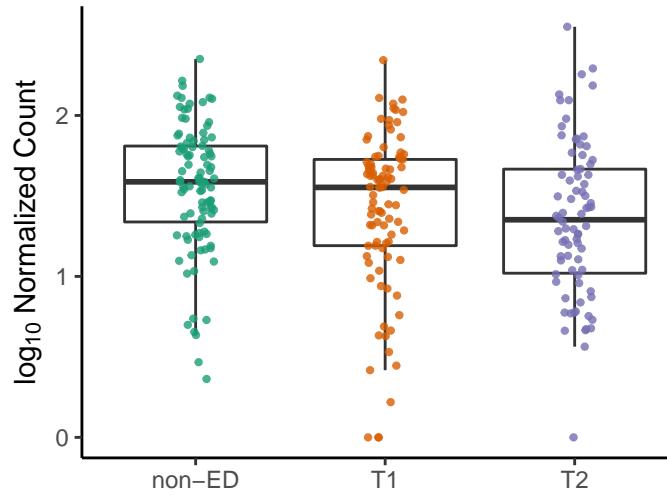
### *Rufibacter tibetensis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



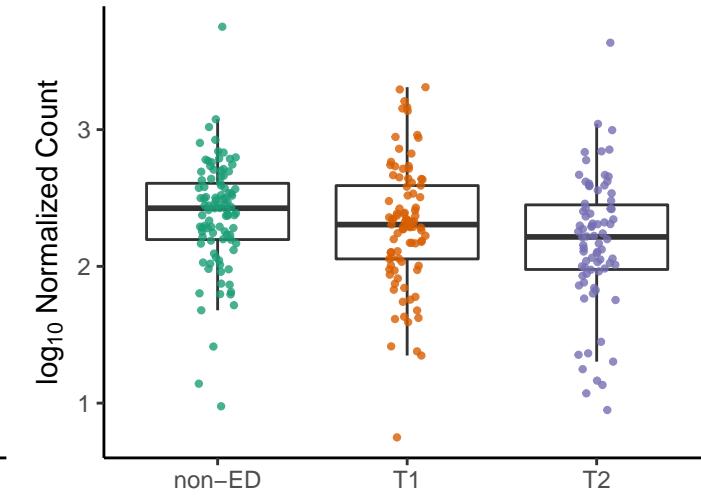
### *Serratia sp. FDAARGOS\_506*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



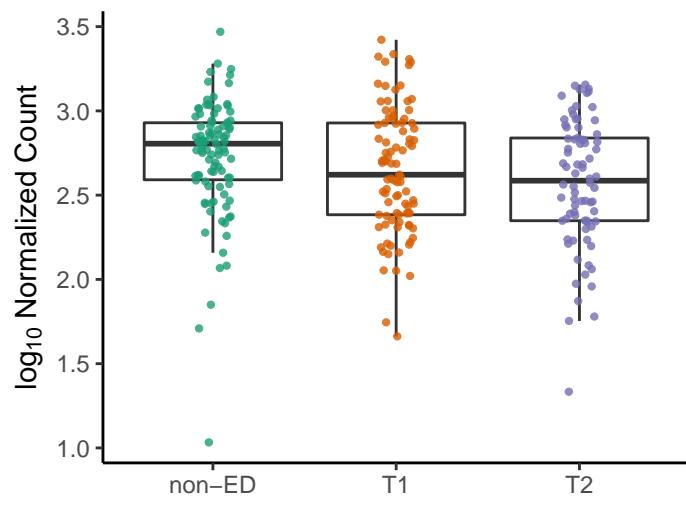
### *Streptococcus intermedius*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.56



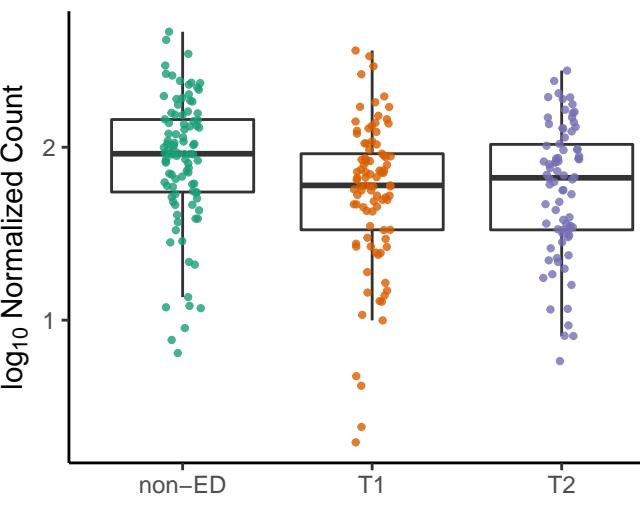
### [Clostridium] hiranonis

non-ED vs. T1 adjusted p = 0.22  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.68



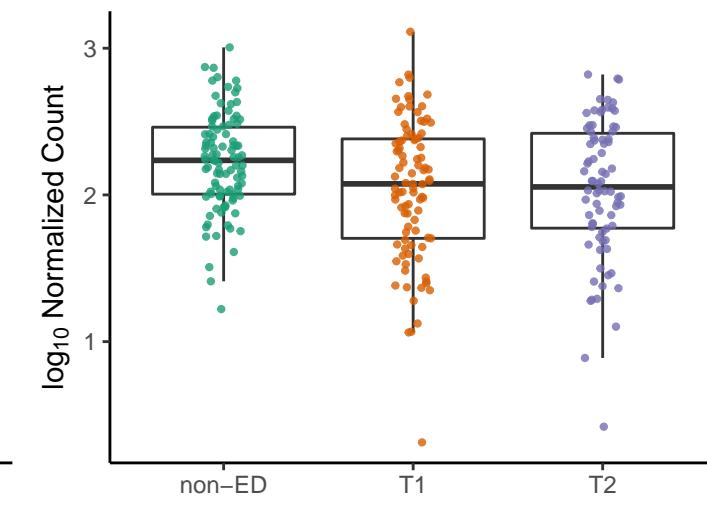
### Methylomonas methanica

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



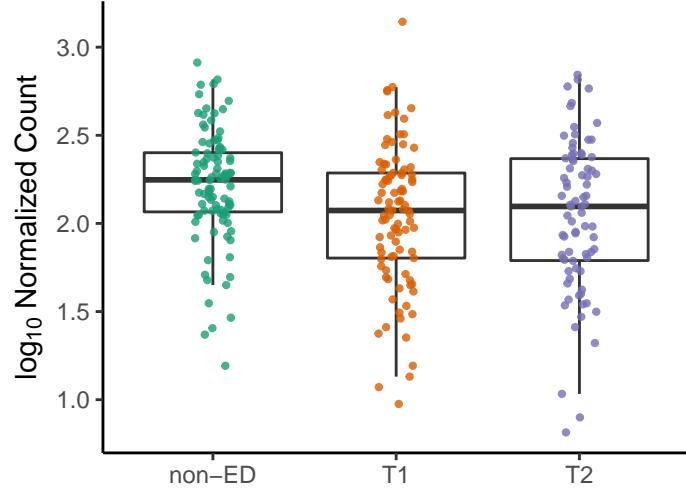
### Bordetella hinzii

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.95



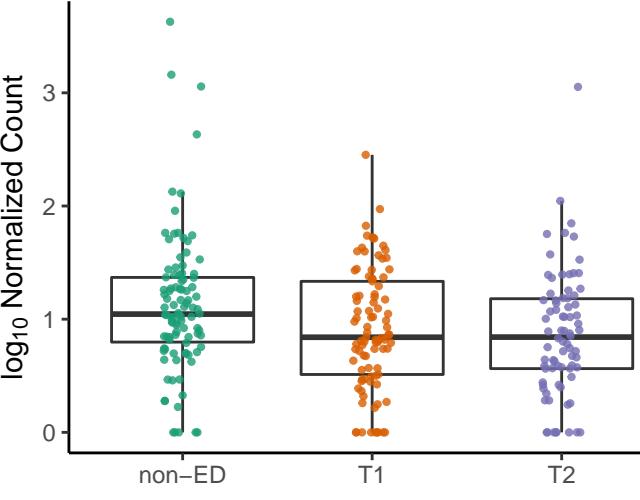
### Gluconobacter oxydans

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.84



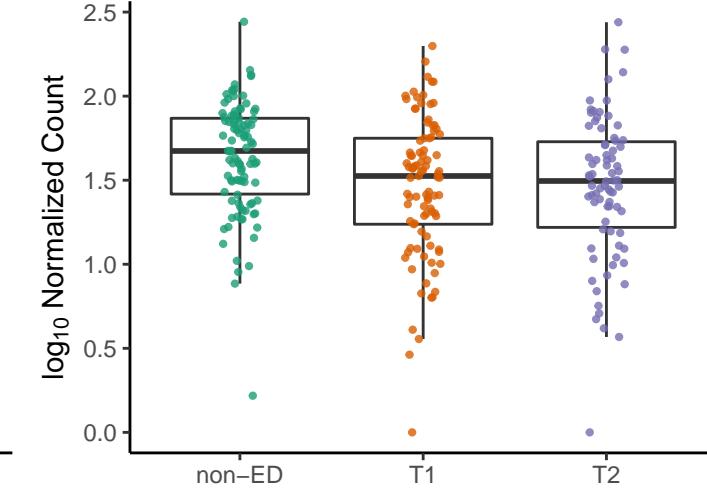
### Mycoplasma flocculare

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.77



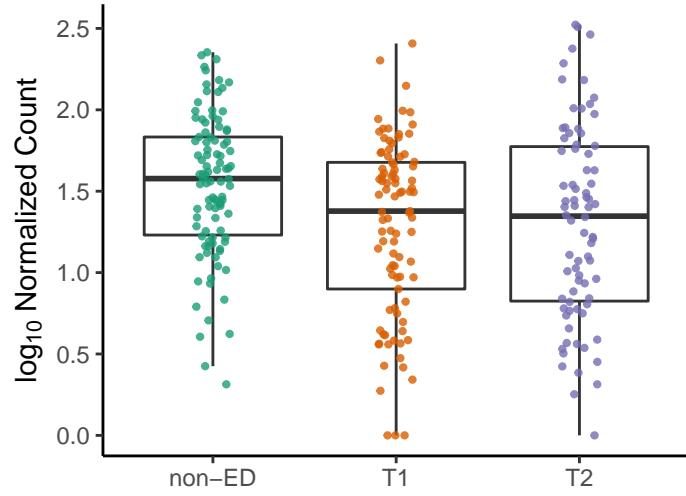
### Staphylococcus schleiferi

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.97



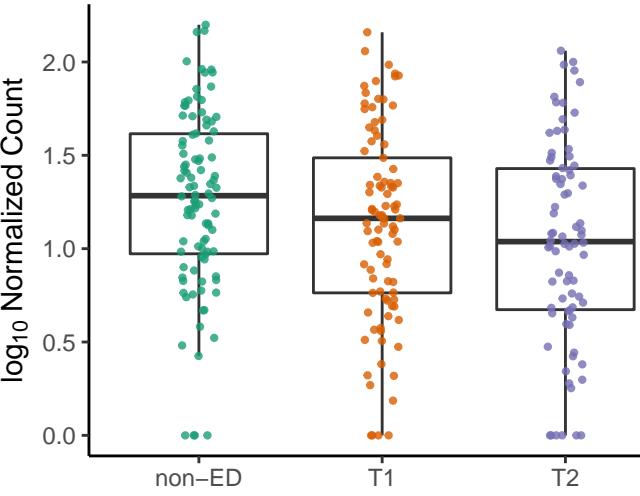
### Burkholderia pseudomultivorans

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.97



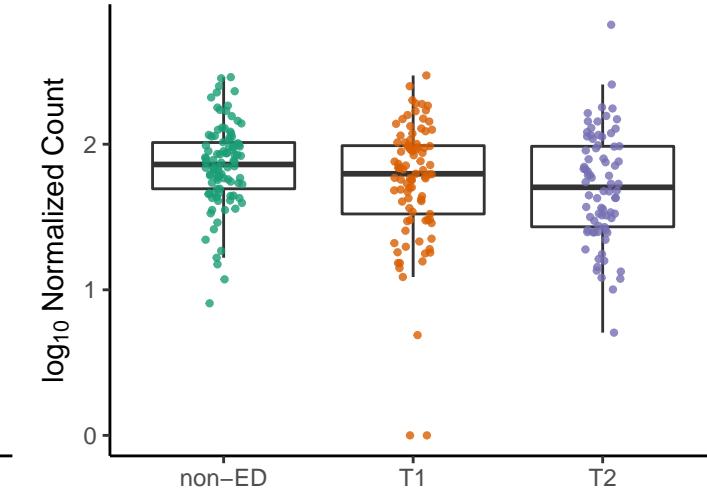
### Spiroplasma sp. TIUS-1

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.67

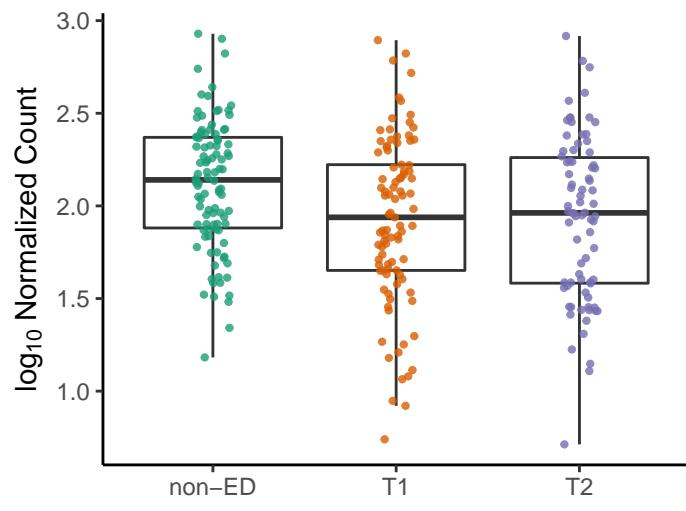


### Pseudohongiella spirulinae

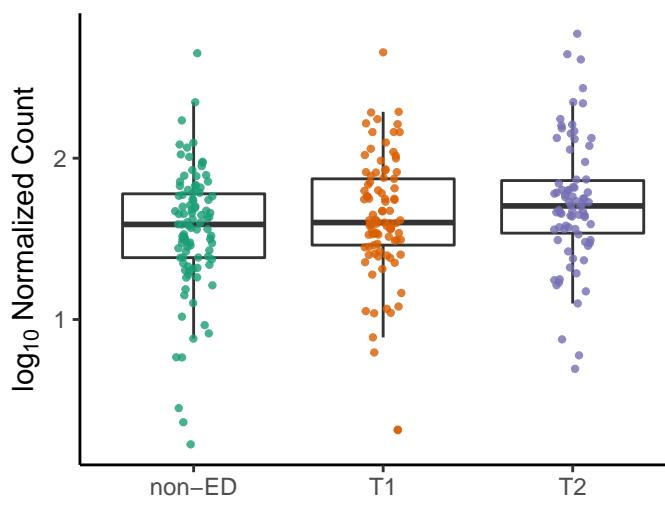
non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.98



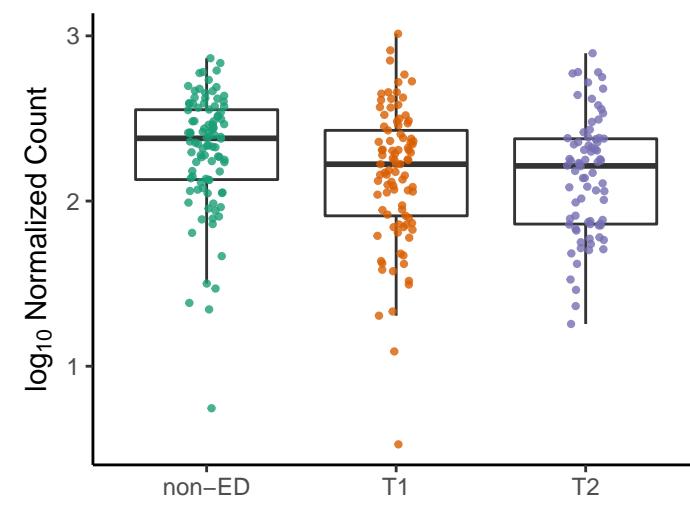
*Marinobacter hydrocarbonoclasticus*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.74



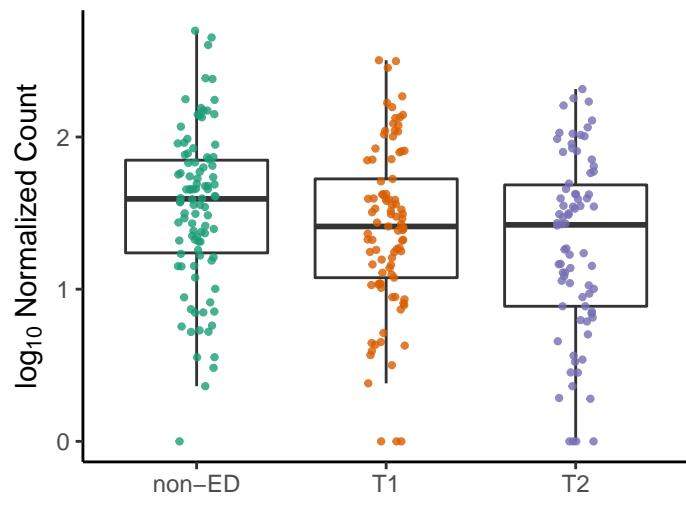
*Planctomycetes bacterium Q31a*  
non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.46



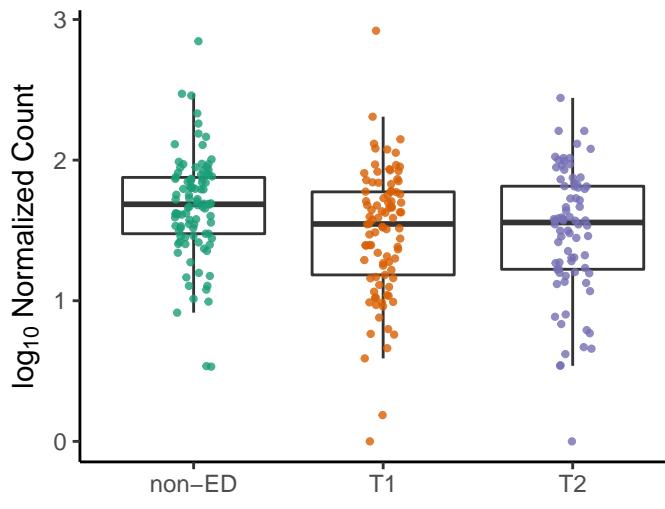
*Thermoanaerobacterium sp. RBIITD*  
non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.93



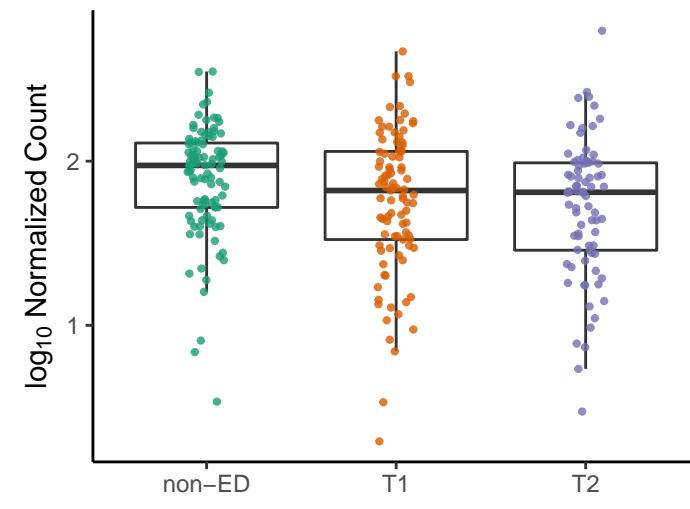
*Mycoplasma anatis*  
non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.63



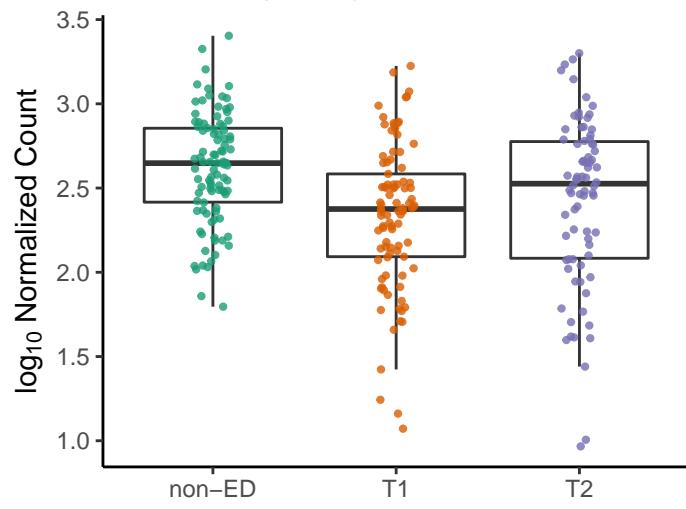
*Corynebacterium glutamicum*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.94



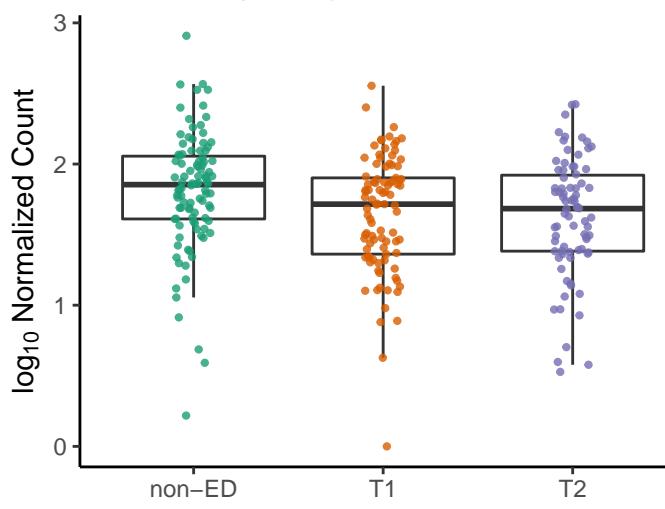
*Corynebacterium segmentosum*  
non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.91



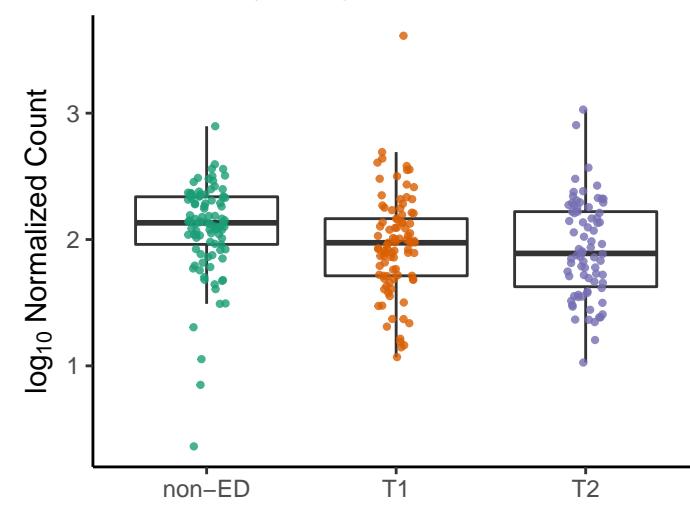
*Bifidobacterium choerinum*  
non-ED vs. T1 adjusted p = 0.00013  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.55



*Calditerrivibrio nitroreducens*  
non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 1

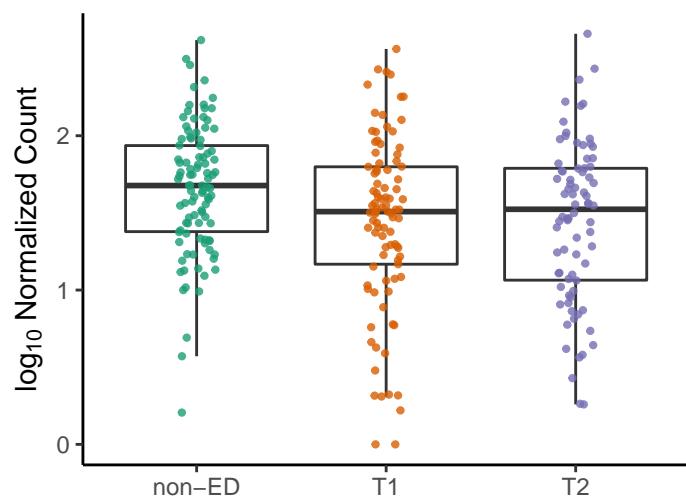


*Lactobacillus jensenii*  
non-ED vs. T1 adjusted p = 0.059  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.77



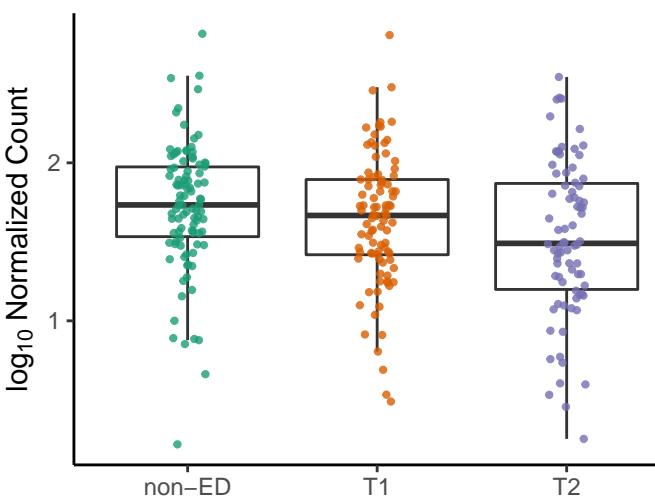
### *Pusillimonas* sp. DMV24BSW\_D

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.96



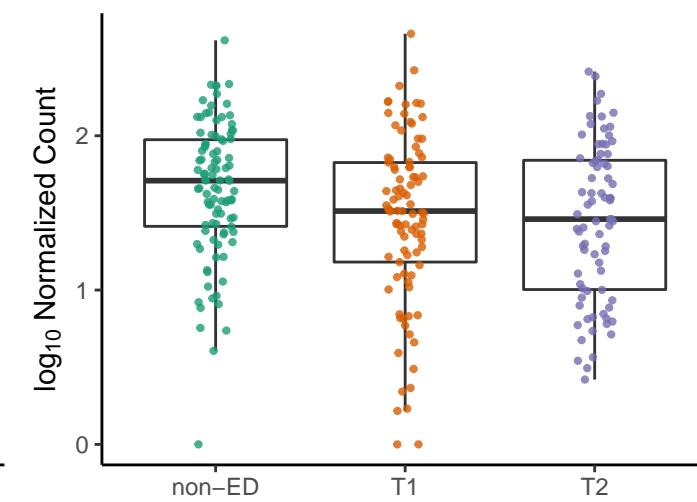
### *Thermosiphon melanesiensis*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.61



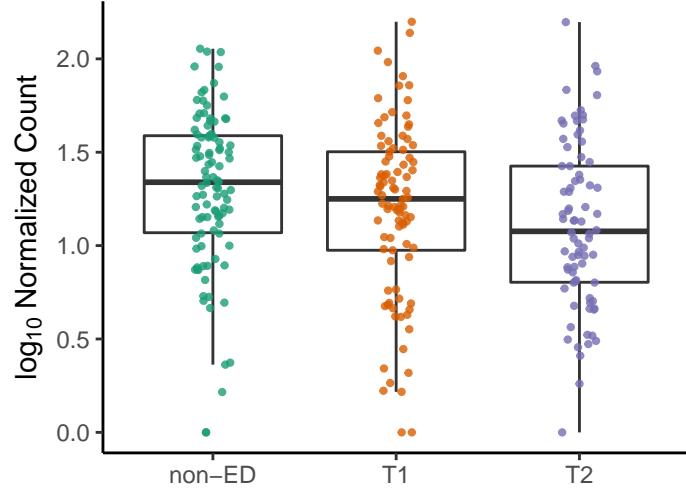
### *Gordonia* sp. HY186

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.97



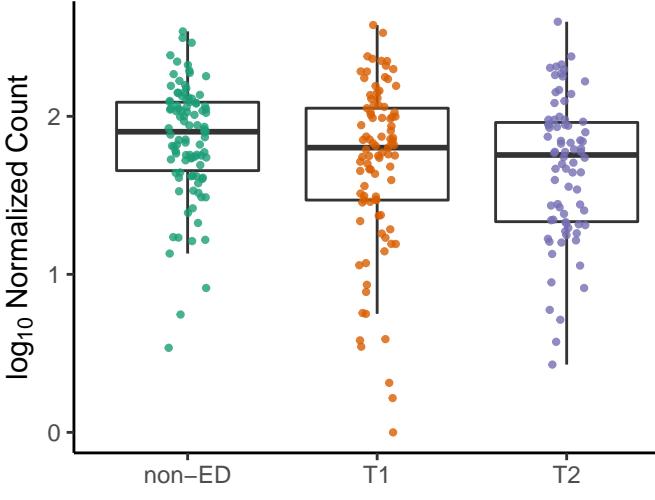
### *Actinobacillus equuli*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.68



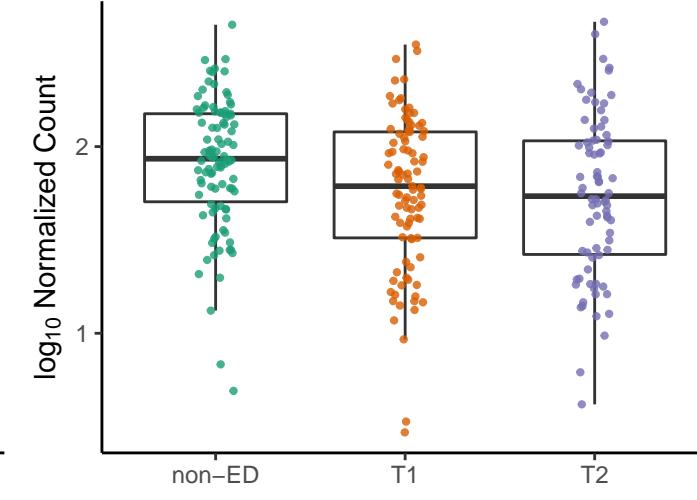
### *Sterolibacterium denitrificans*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.88



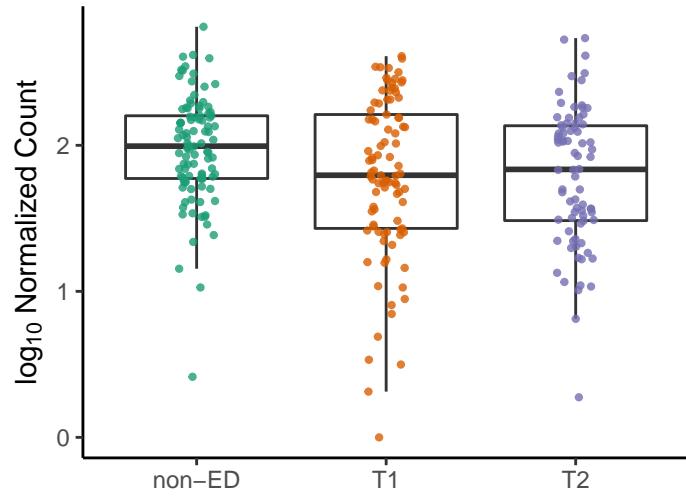
### *Leptospira interrogans*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.86



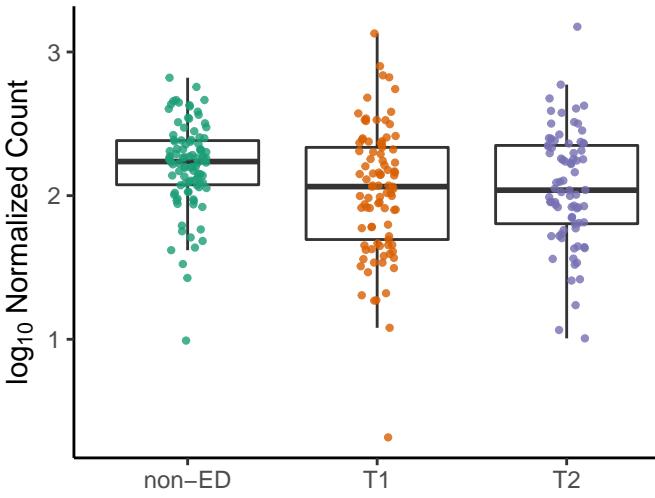
### *Micromonospora terminaliae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.86



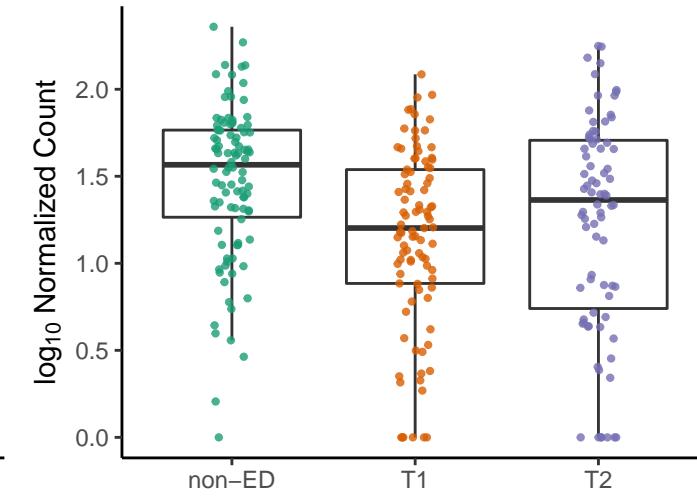
### *Ktedonosporobacter rubrisoli*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.76



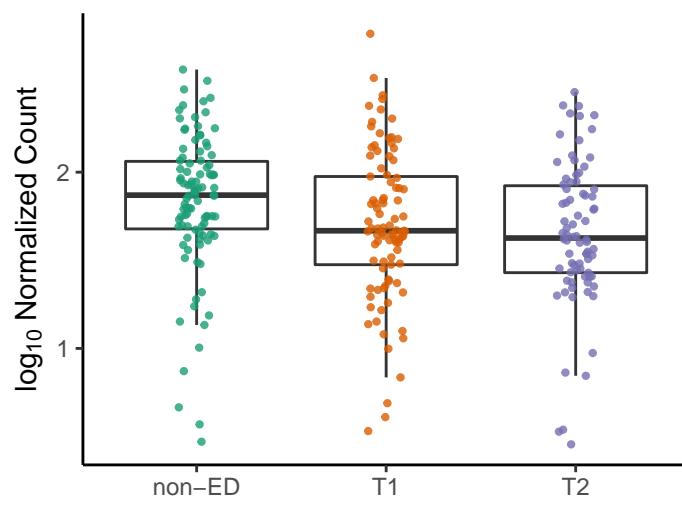
### *Streptomyces* sp. DUT11

non-ED vs. T1 adjusted p = 0.00034  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.67



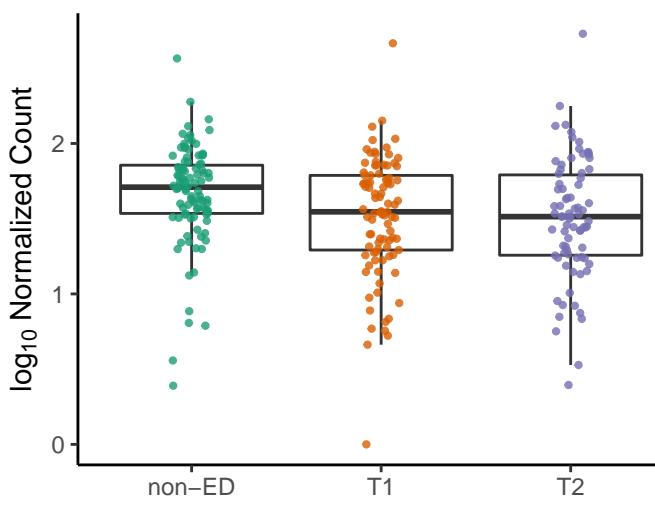
### *Brachyspira intermedia*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.79



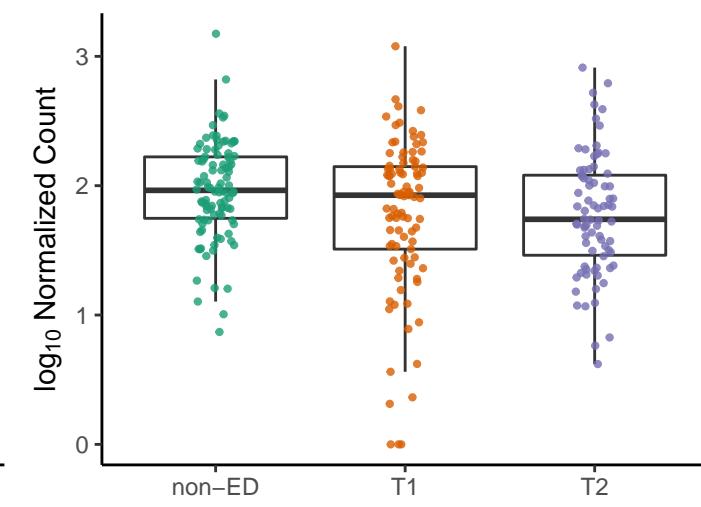
### *Providencia sneebia*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.79



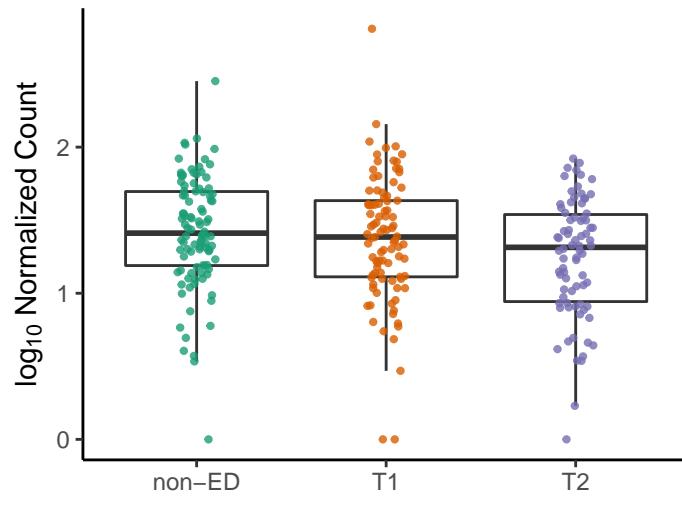
### *Paracoccus* sp. SC2-6

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



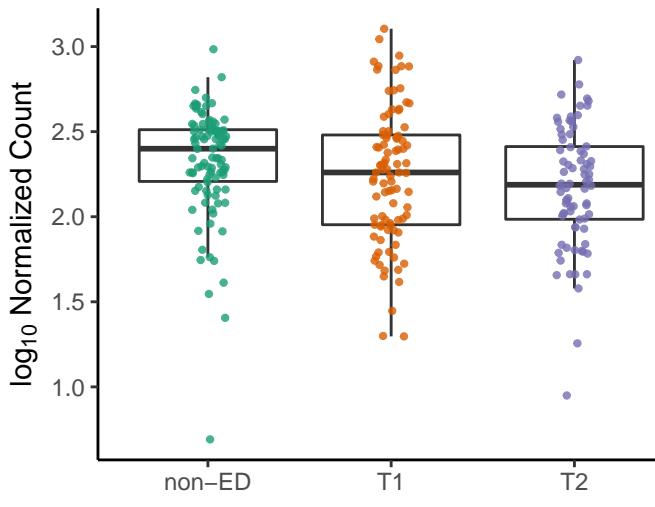
### Unclassified Flavobacteriales Order

non-ED vs. T1 adjusted p = 0.57  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.15



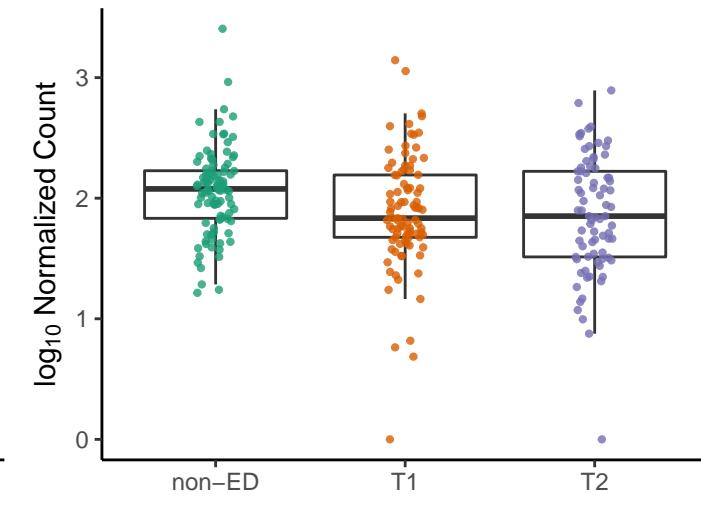
### *Acetoanaerobium sticklandii*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.7



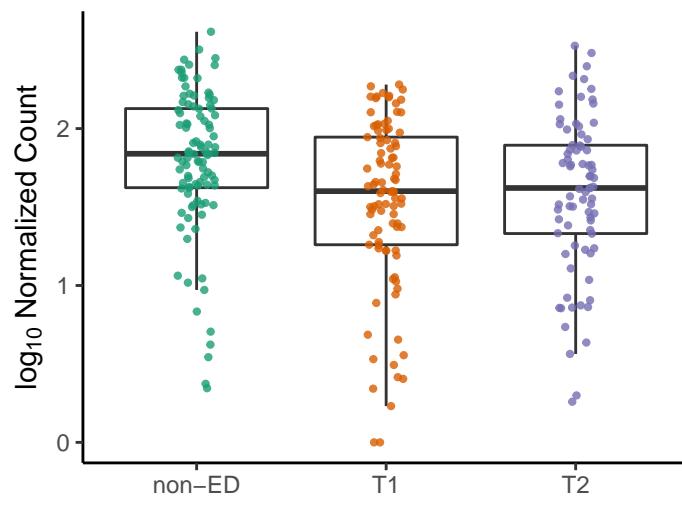
### *Fuerstia marisgermanicae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.98



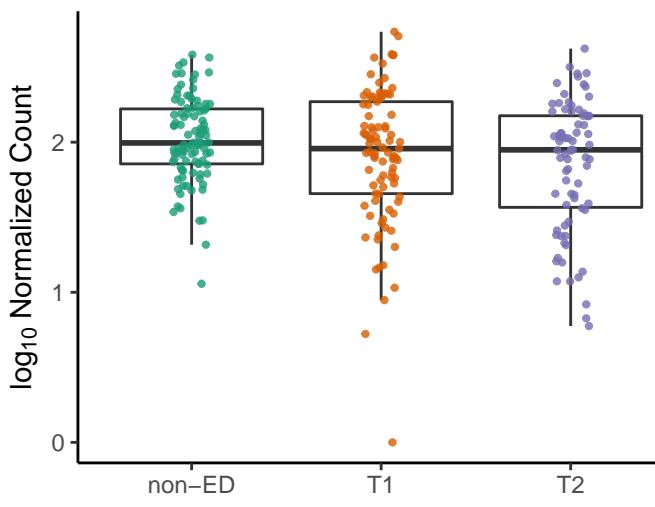
### *Sphingomonas* sp. YZ-8

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.74



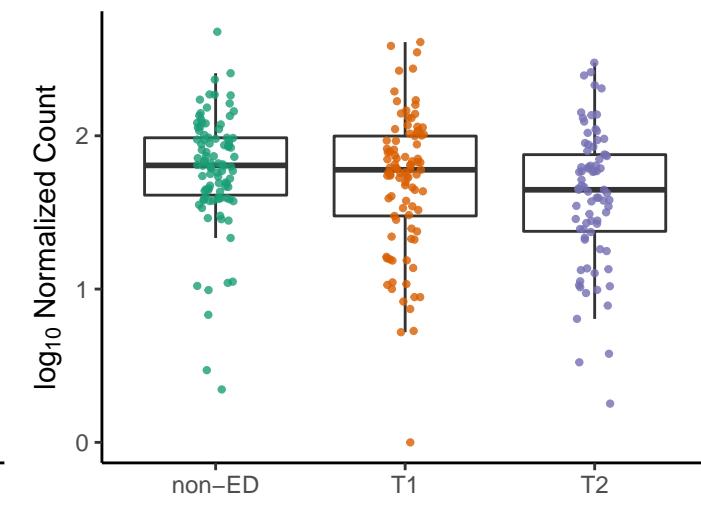
### *Ancylobacter pratisalsi*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.84



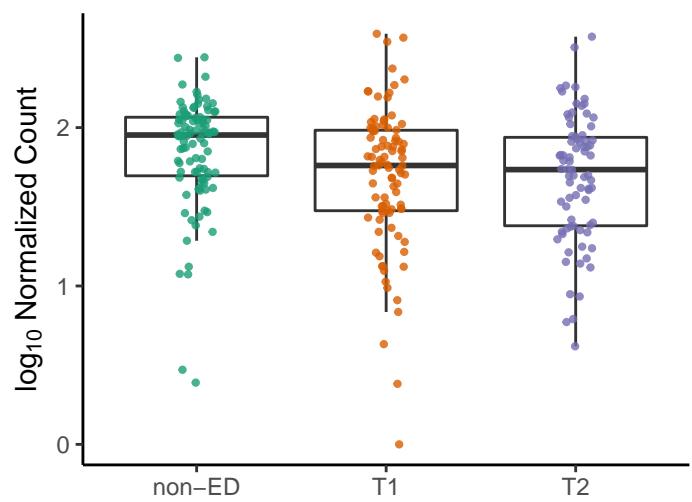
### *Myroides phaeus*

non-ED vs. T1 adjusted p = 0.27  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.56



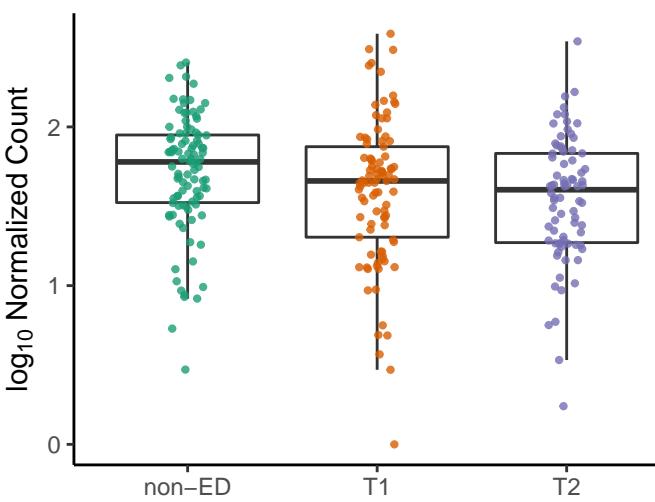
### *Arachidicoccus* sp. B3-10

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.96



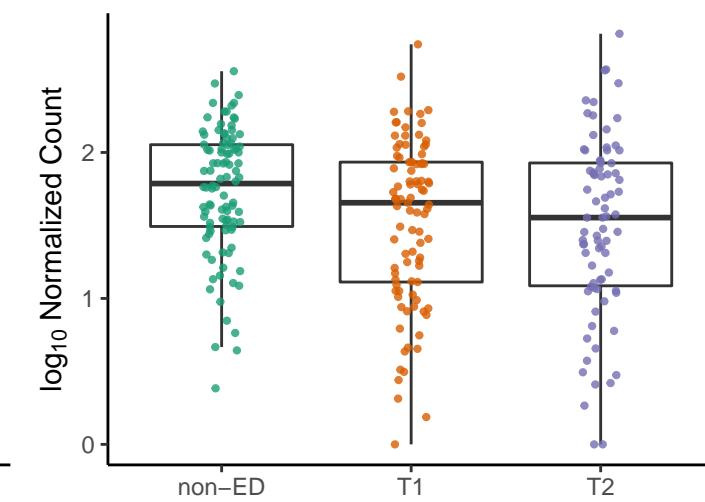
### *Sporosarcina ureilytica*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.73



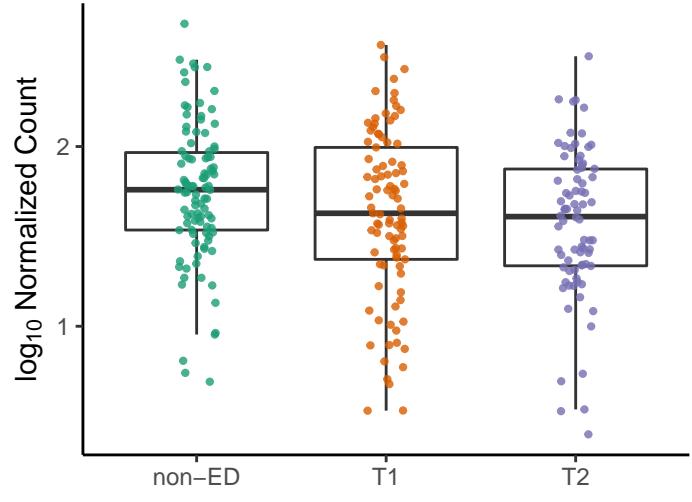
### *Streptomyces* sp. MOE7

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 1



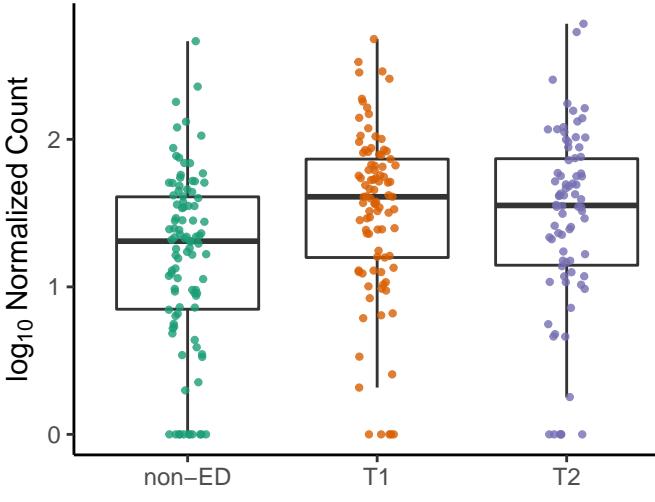
### *Mycoplasma capricolum*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.78



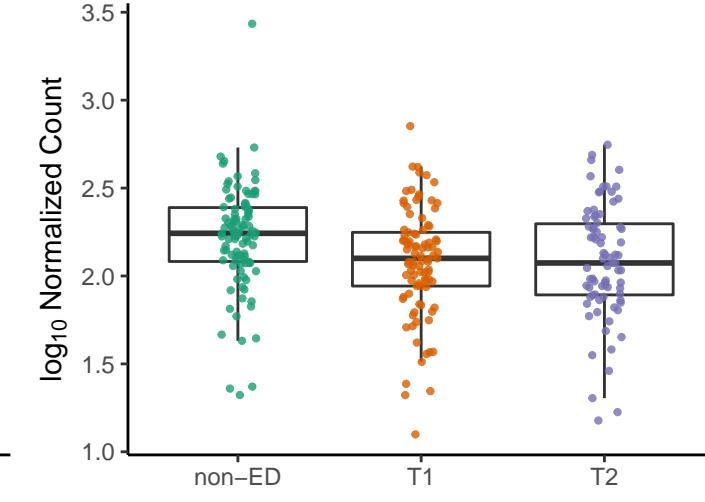
### Unclassified Aequorivita Genus

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.76



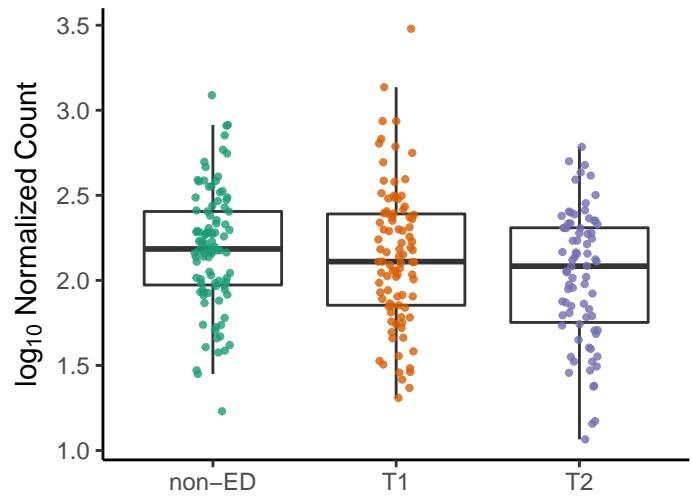
### *Niastella koreensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.93



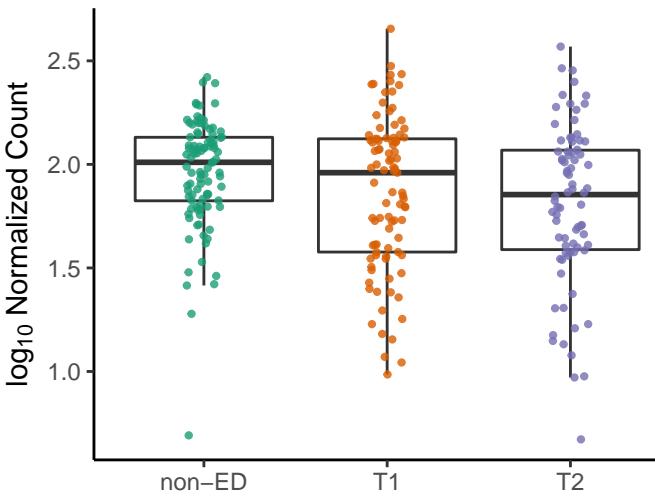
### *Pluralibacter gergoviae*

non-ED vs. T1 adjusted p = 0.54  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.68



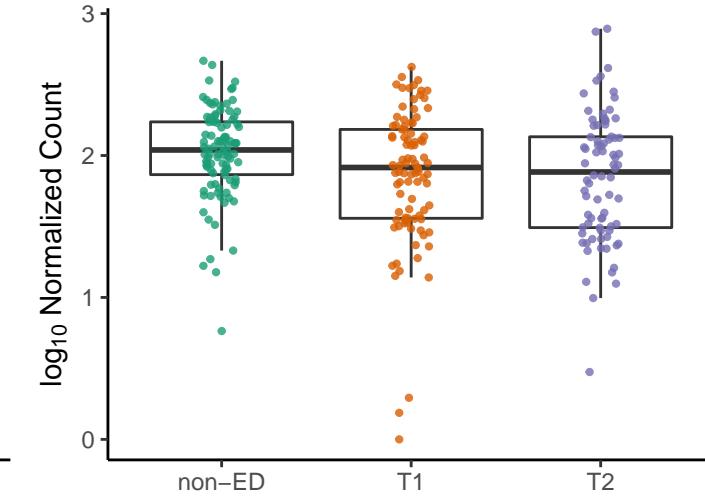
### *Sedimentisphaera cyanobacteriorum*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.78



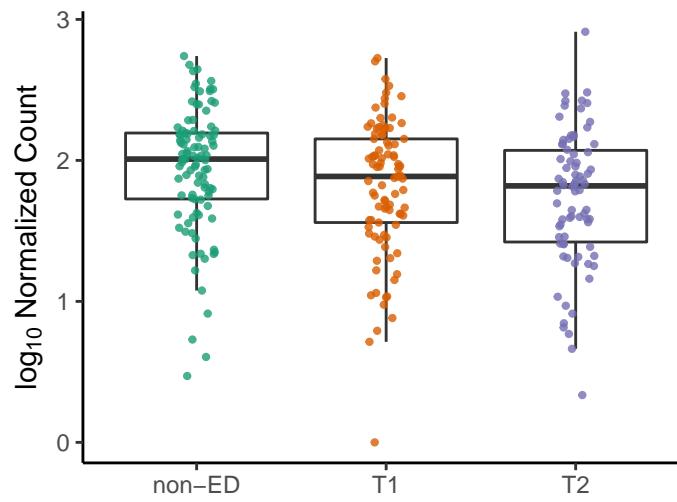
### *Sphingomonas* sp. IC081

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.97



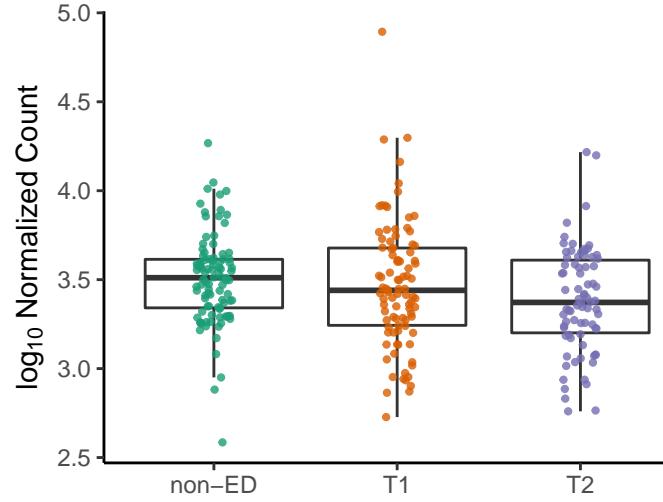
### Unclassified Arcobacter Genus

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.68



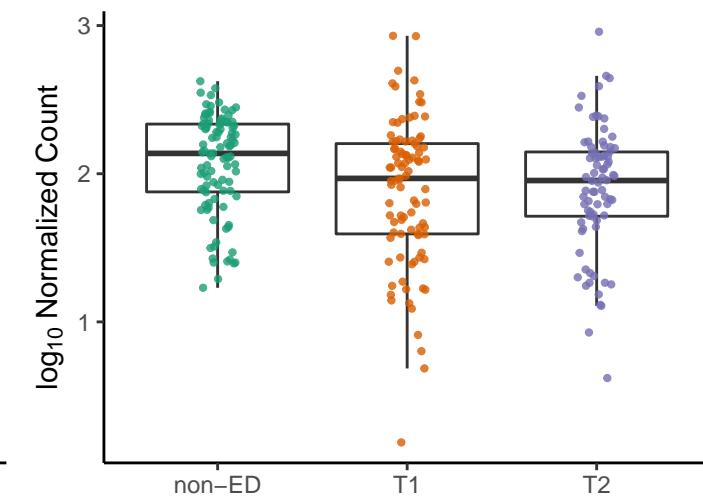
### Unclassified Enterobacterales Order

non-ED vs. T1 adjusted p = 0.56  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.73



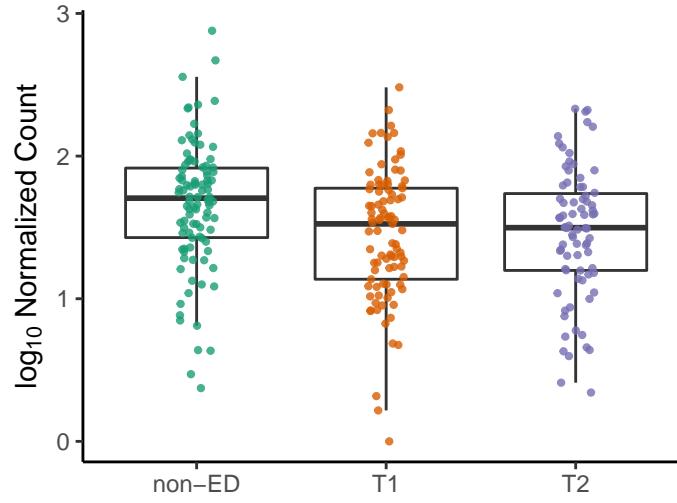
### Massilia plicata

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.83



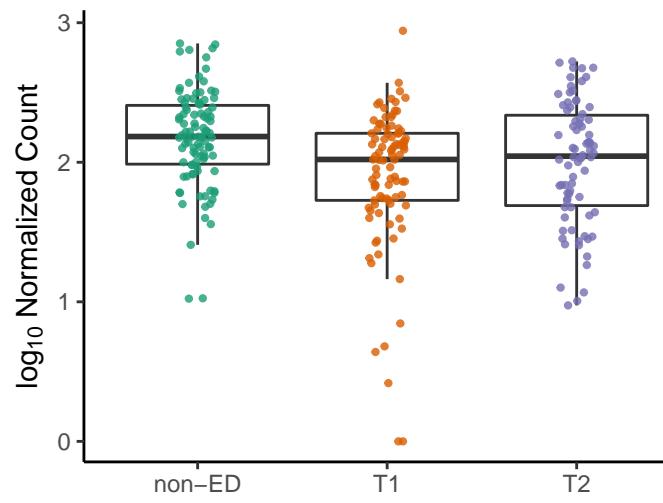
### Bdellovibrio sp. NC01

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.87



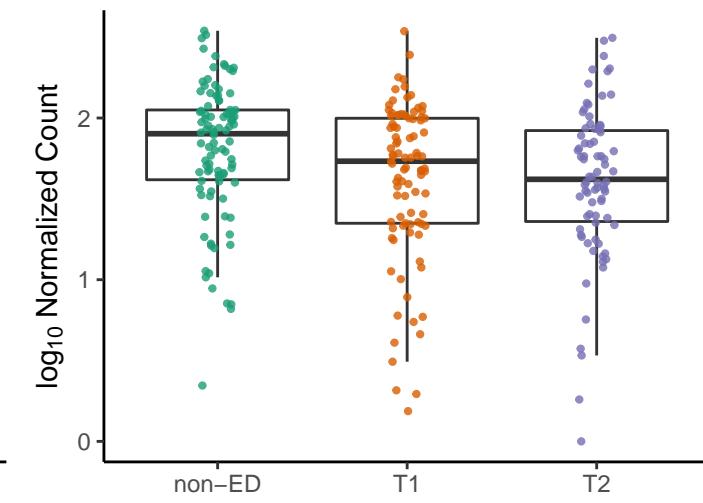
### Bradyrhizobium guangdongense

non-ED vs. T1 adjusted p = 0.00093  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.61



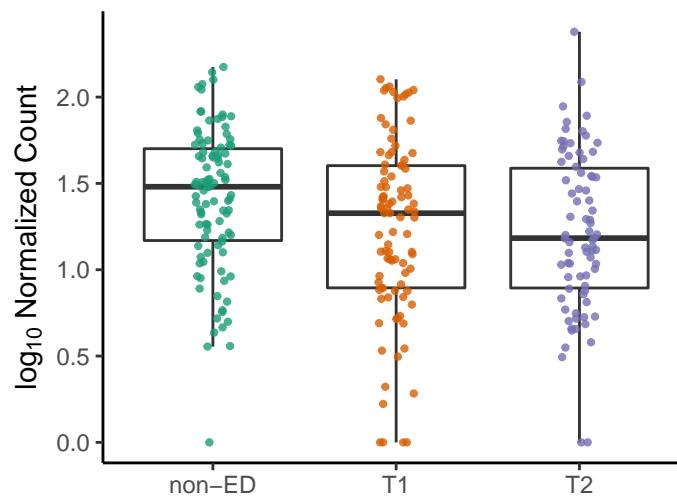
### Shewanella amazonensis

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.95



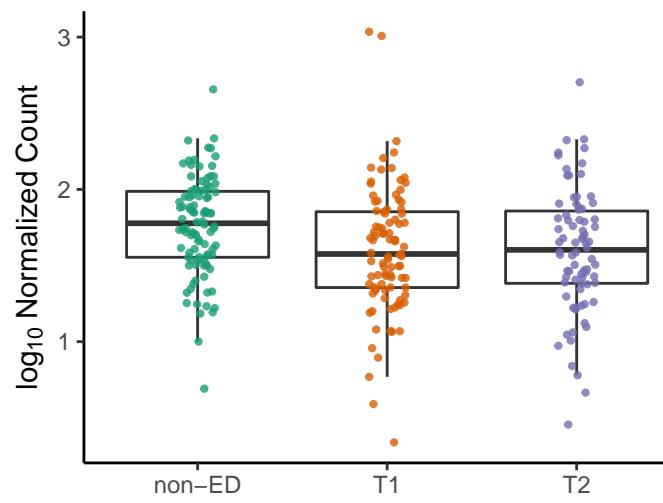
### Thiomicrosrhabdus aquaedulcis

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.9



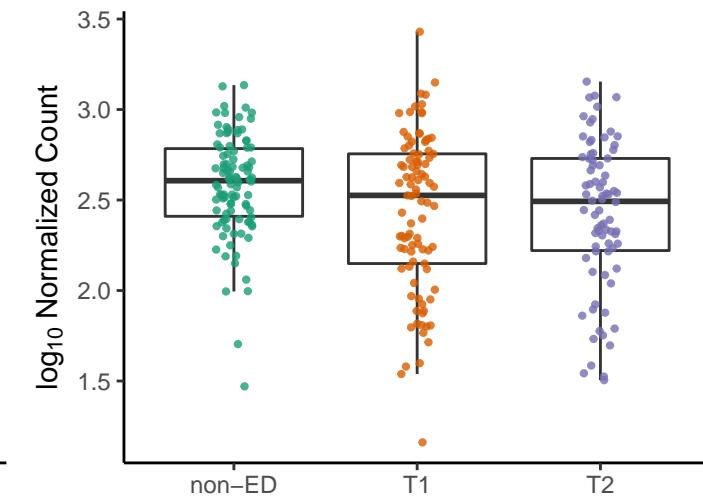
### Lactobacillus paraplatantarum

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.96



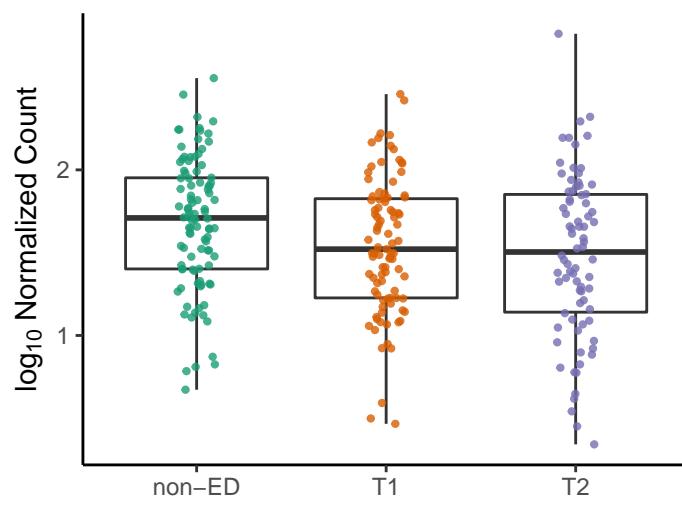
### Unclassified Variovorax Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.94



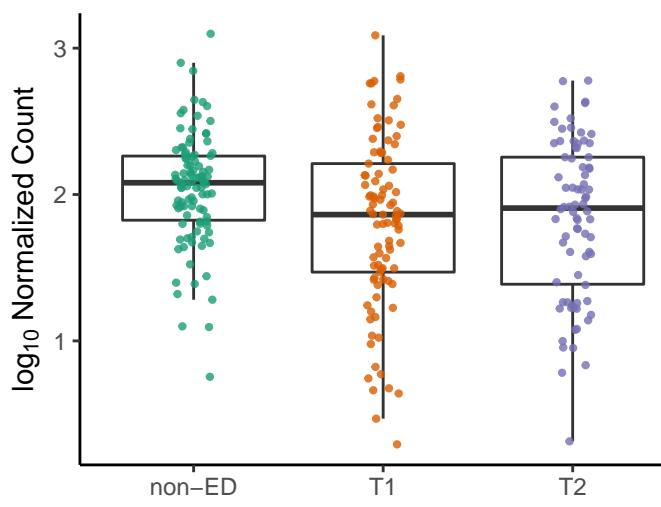
### *Neisseria subflava*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.93



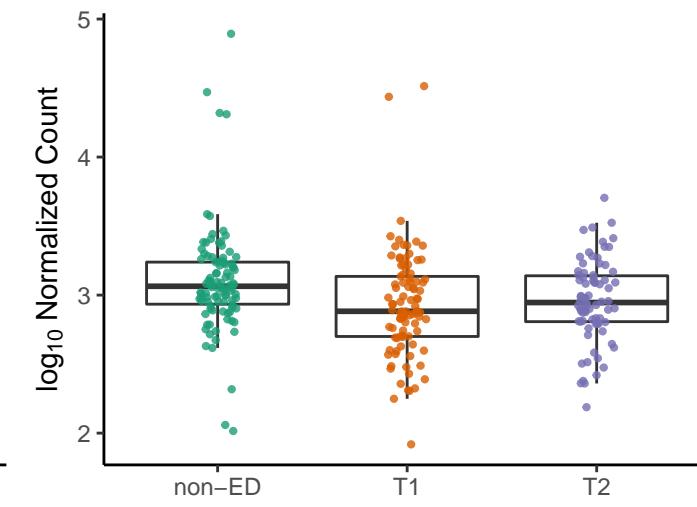
### *Deinococcus radiodurans*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.75



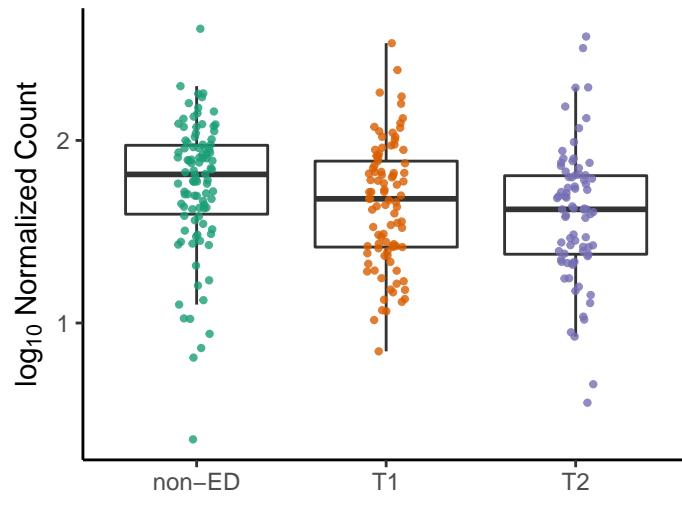
### *Megasphaera elsdenii*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.55



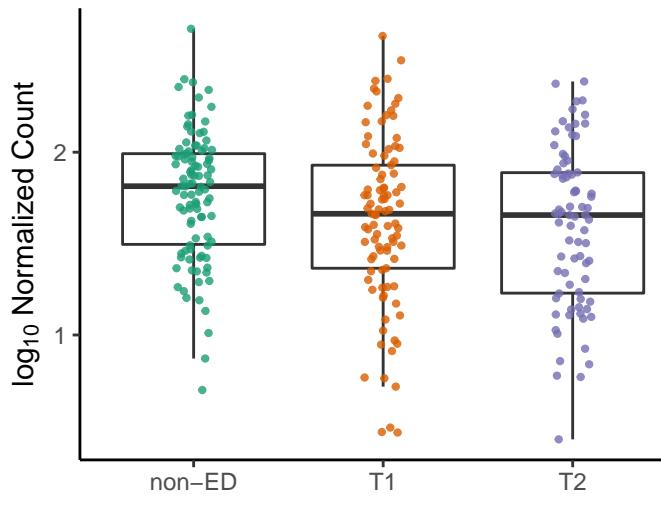
### *Calothrix sp. NIES-2100*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.72



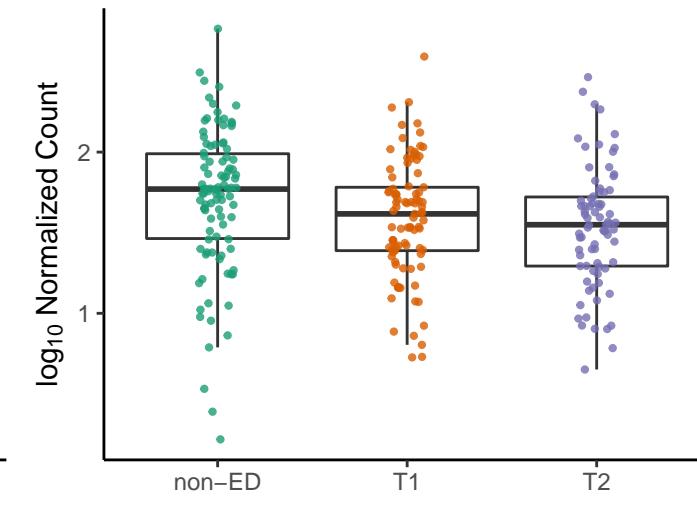
### *Glutamicibacter arilaitensis*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.95



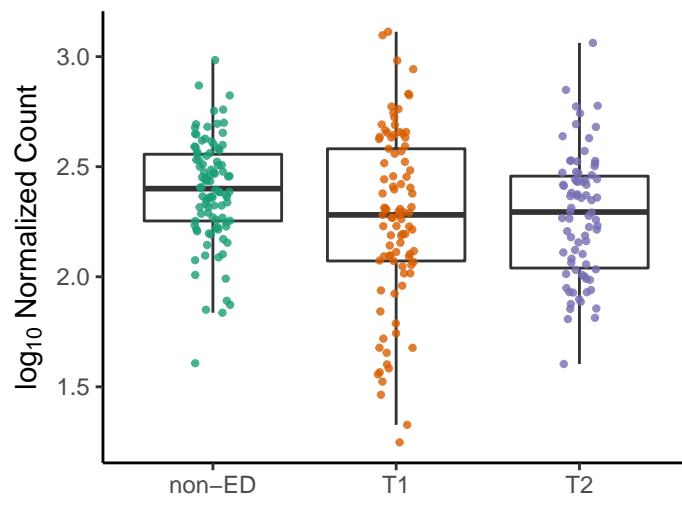
### *Sulfurihydrogenibium sp. YO3AOP1*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.82



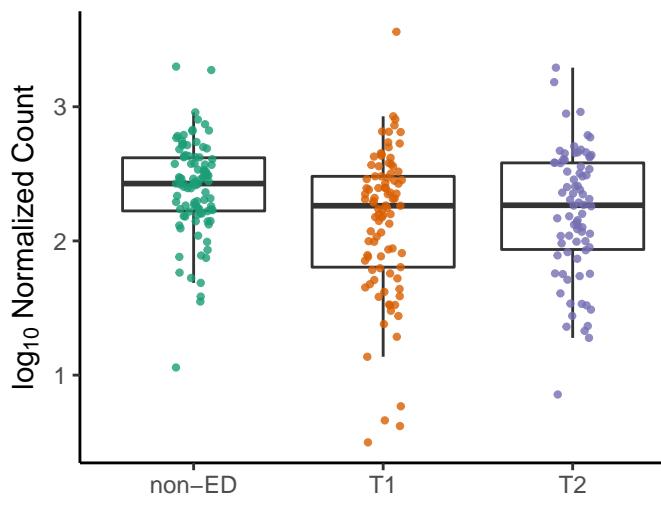
### *Alcaligenes faecalis*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.79



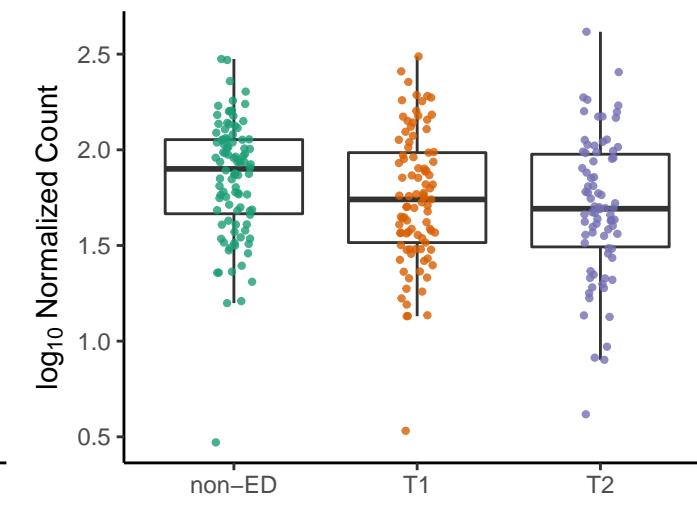
### *Streptacidiphilus sp. DSM 106435*

non-ED vs. T1 adjusted p = 0.0031  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.67



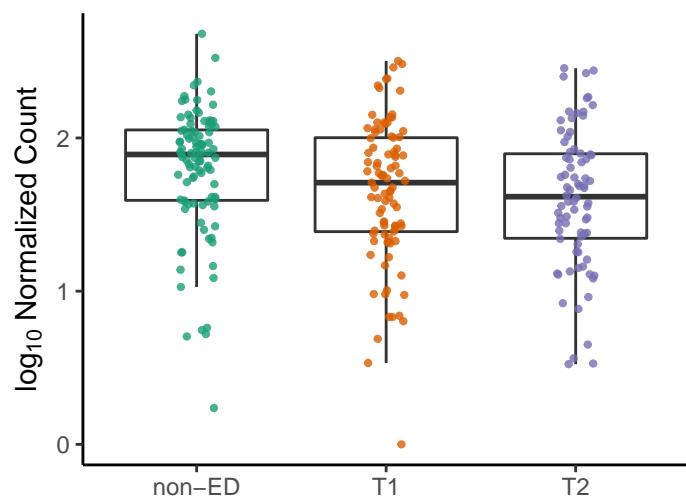
### *Tetragenococcus osmophilus*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.82



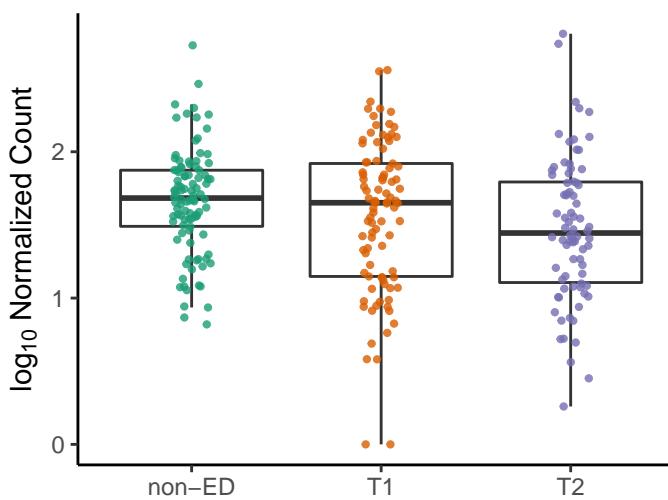
### Owenweeksia hongkongensis

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.74



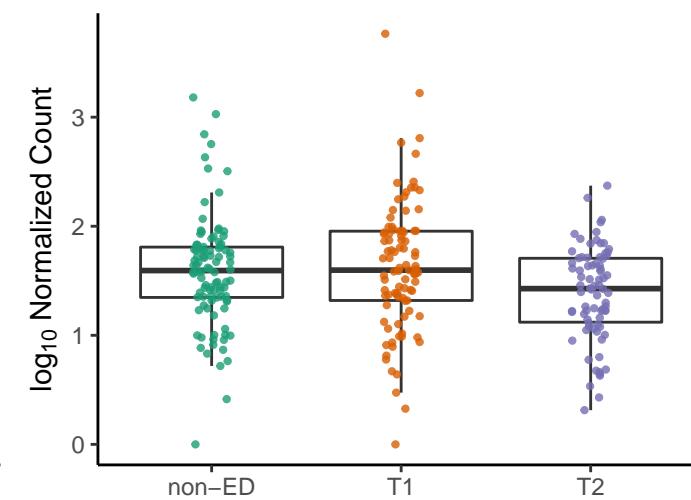
### Curtobacterium sp. SGAir0471

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.82



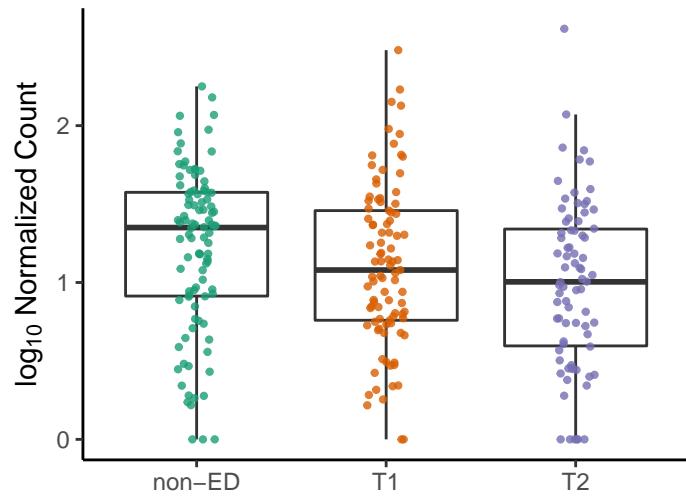
### Enterobacter rogenkampii

non-ED vs. T1 adjusted p = 0.69  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.38



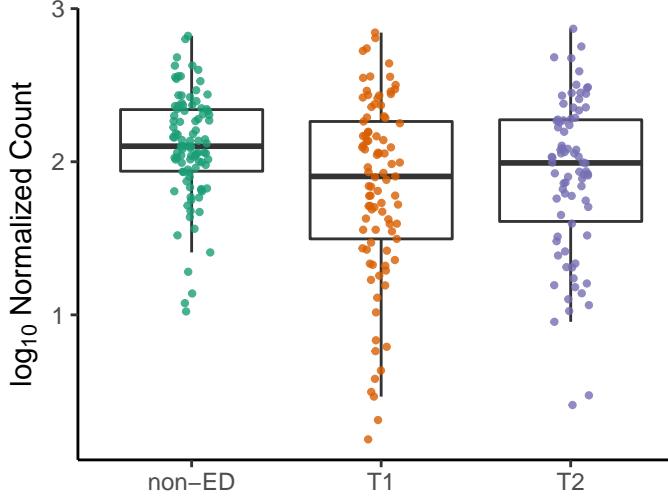
### Mycoplasma synoviae

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.61



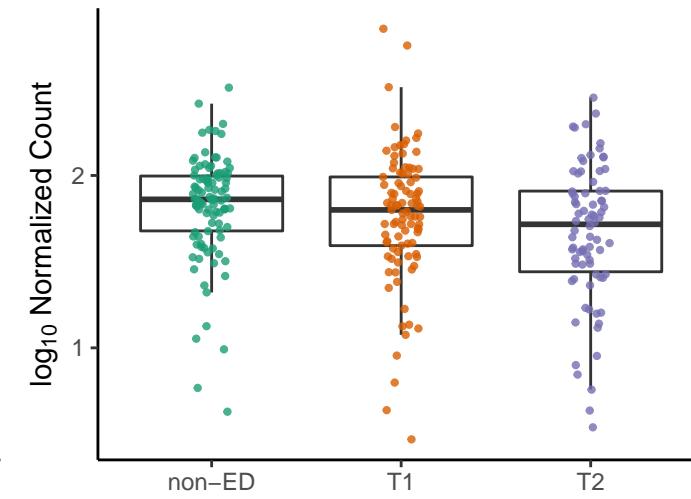
### Paracoccus pantotrophus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.66



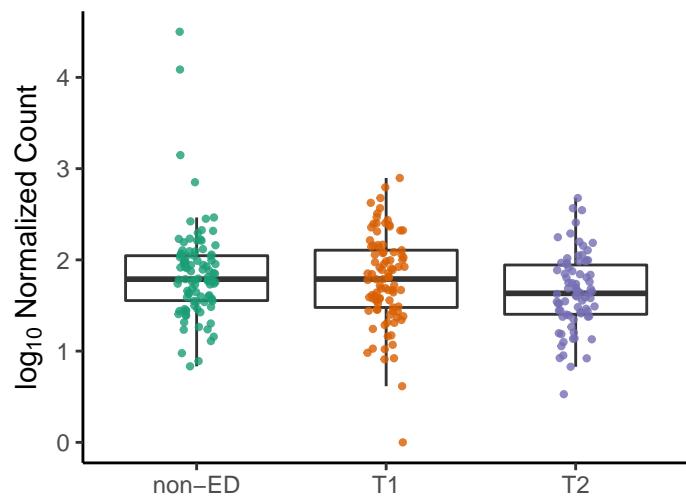
### Runella sp. SP2

non-ED vs. T1 adjusted p = 0.4  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.62



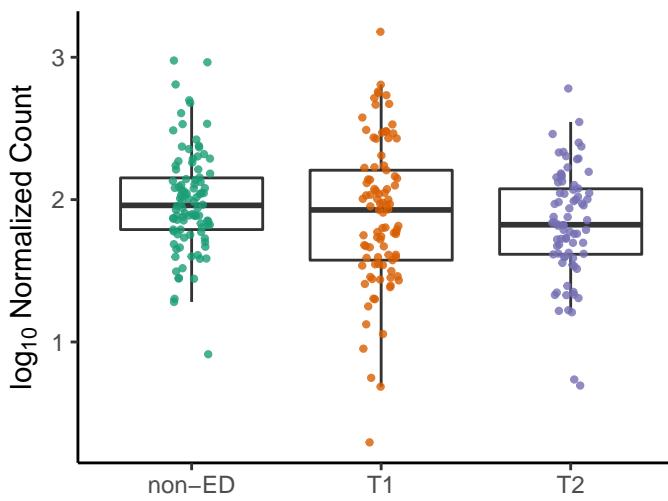
### Leuconostoc citreum

non-ED vs. T1 adjusted p = 0.51  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.55



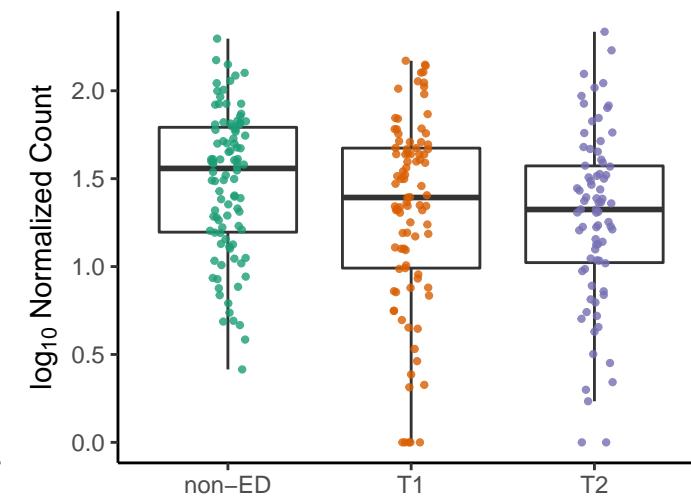
### Schaalia cardiffensis

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



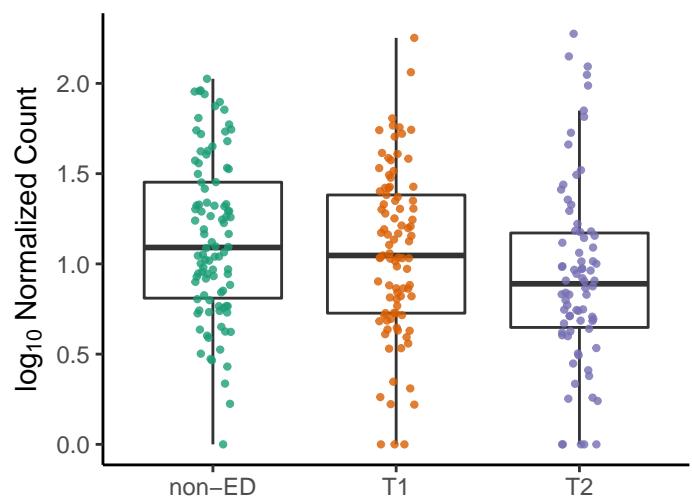
### Sphingomonas sp. HDW15C

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.97



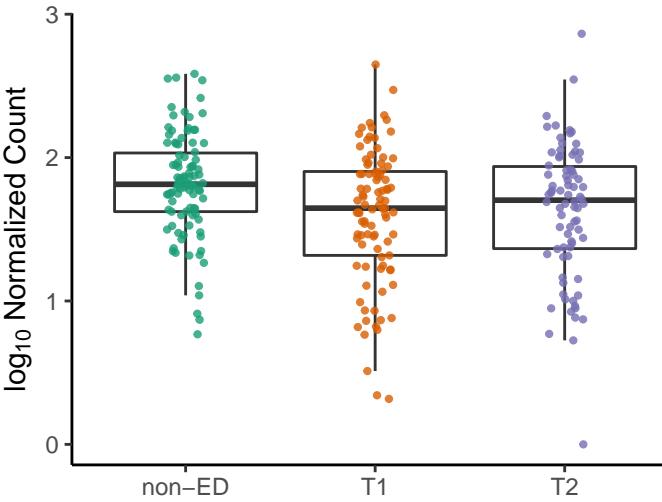
### Dokdonia sp. PRO95

non-ED vs. T1 adjusted p = 0.35  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.63



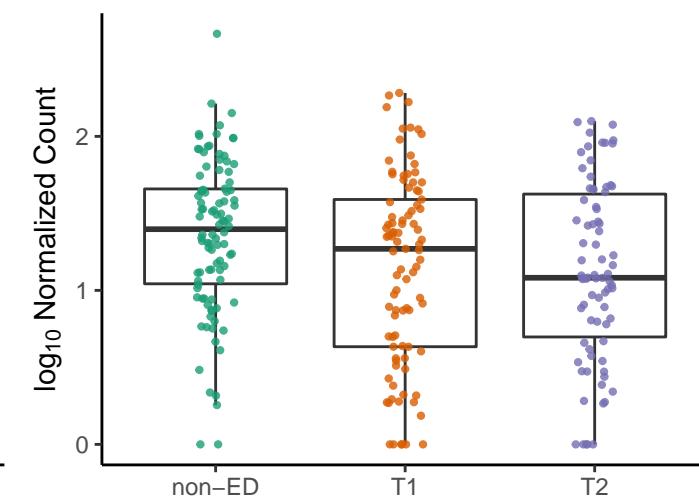
### Rhizobium sp. CIAT894

non-ED vs. T1 adjusted p = 0.0064  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.84



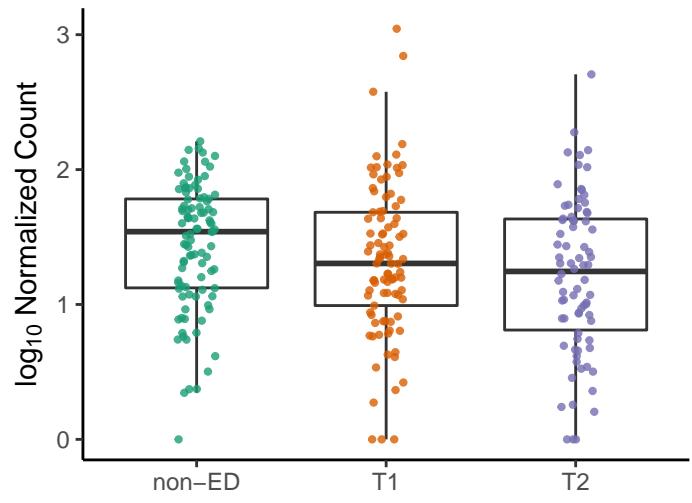
### Unclassified Jiangella Genus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



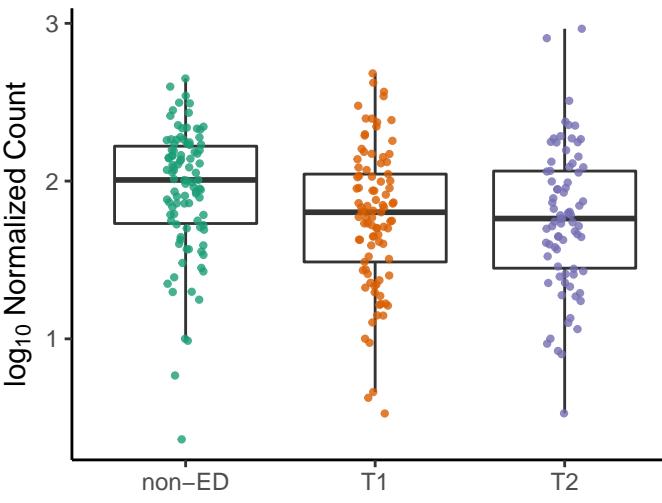
### Fusobacterium sp. oral taxon 203

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.67



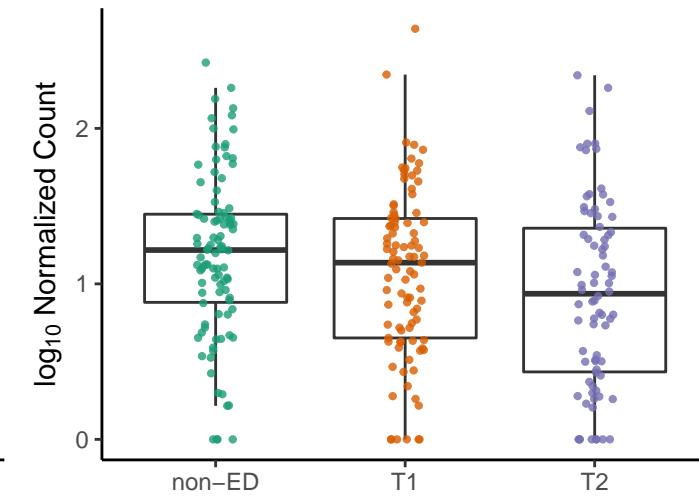
### Arcobacter cryaerophilus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.87



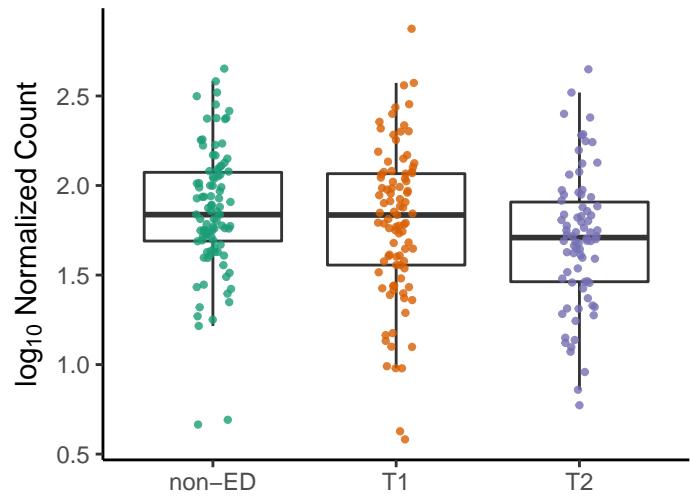
### Candidatus Kinetoplastibacterium sorsogonense

non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.66



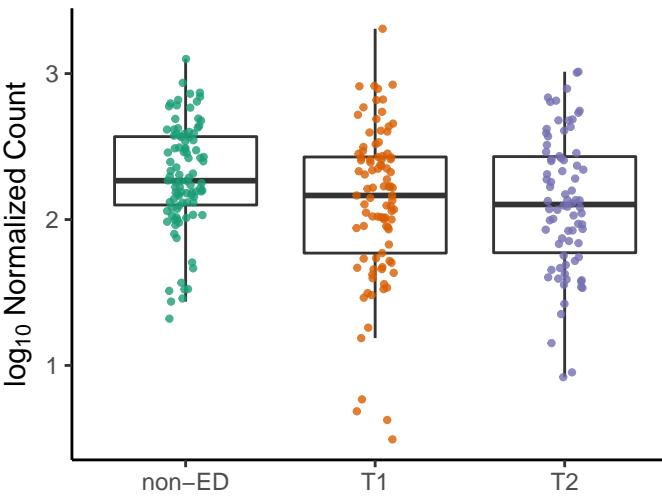
### Pantoea sp. At-9b

non-ED vs. T1 adjusted p = 0.38  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.73



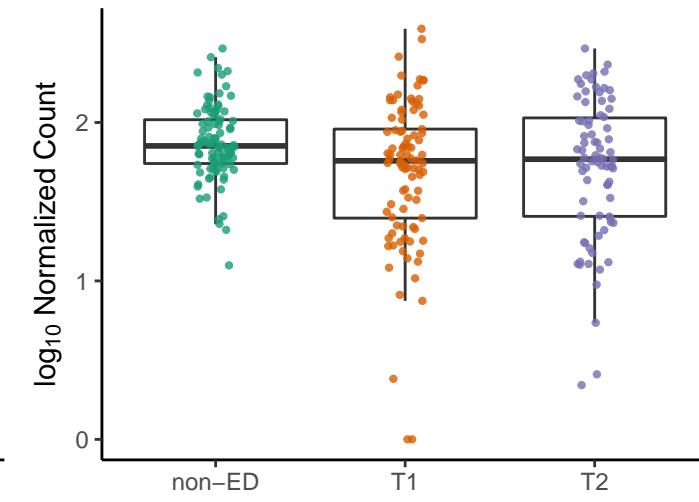
### Rhizobacter gummiphilus

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.89



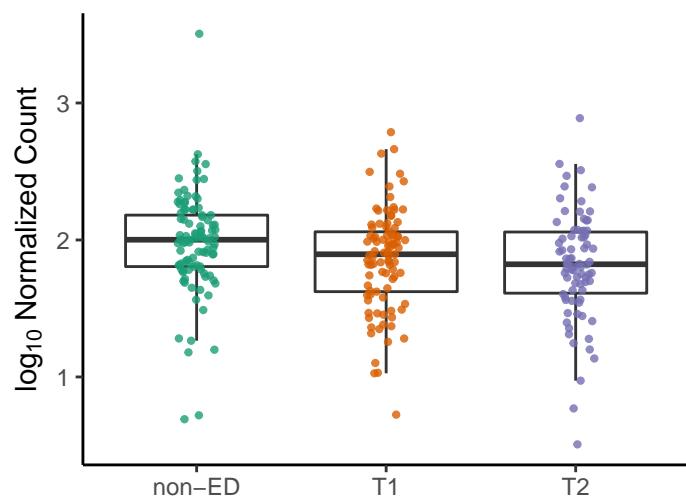
### Planctomycetes bacterium V22

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.77



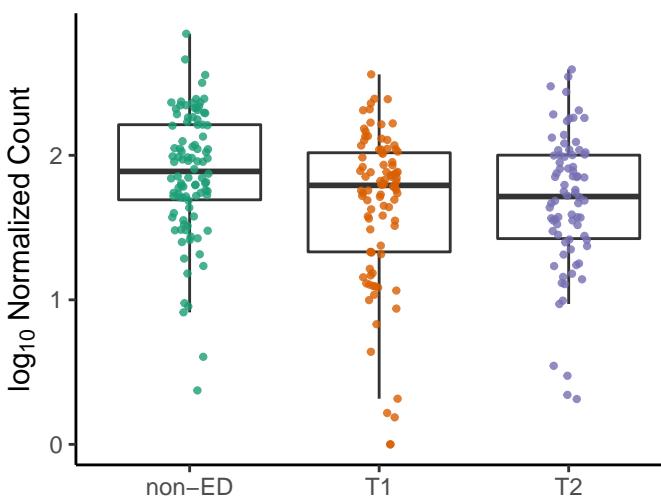
### *Acinetobacter indicus*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.89



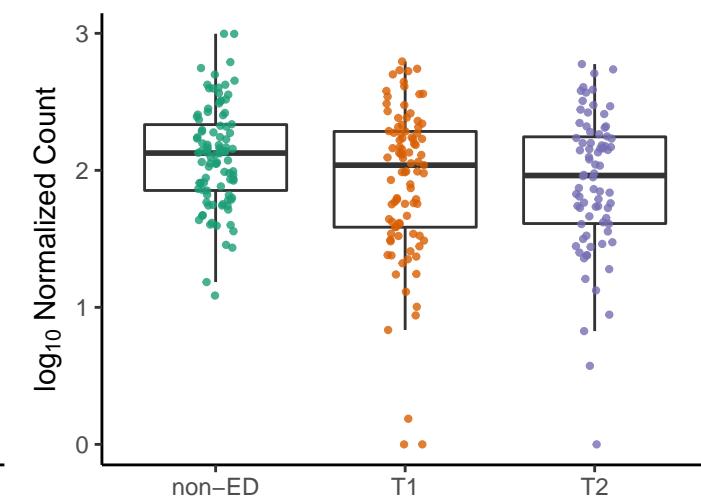
### *Herminiumonas arsenicoxydans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.8



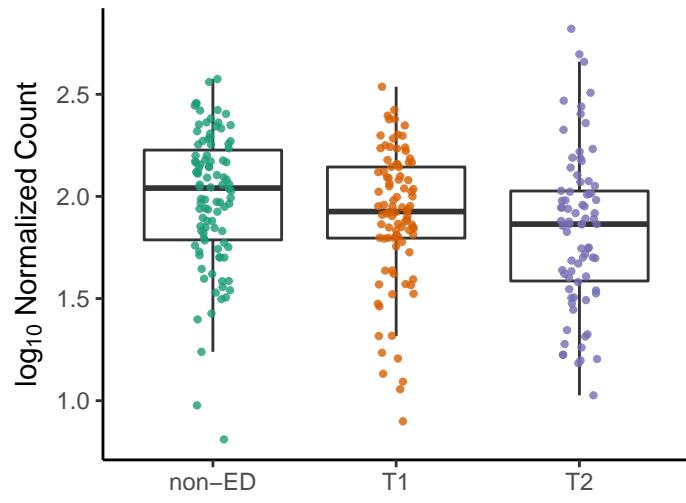
### *Pseudomonas oryzae*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.93



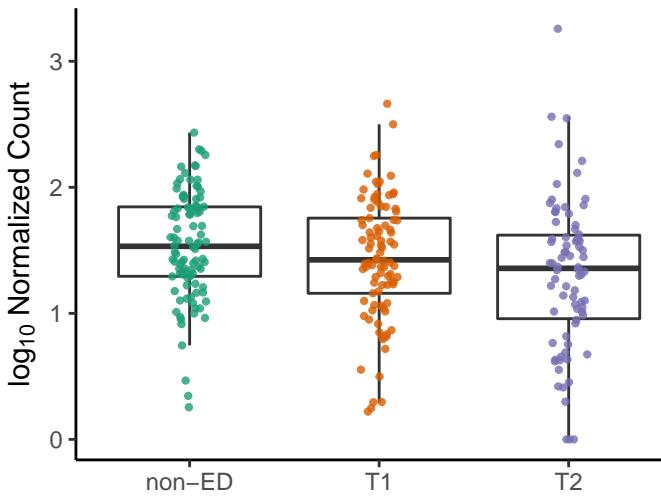
### *Fusarium graminearum*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.7



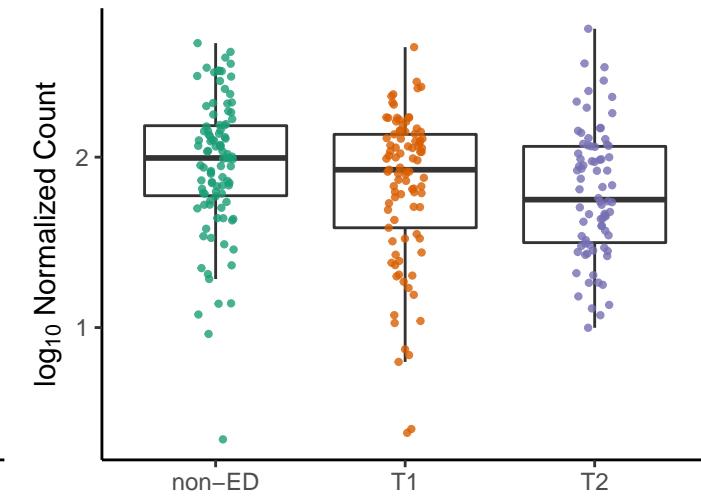
### *Kosakonia radicincitans*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.71



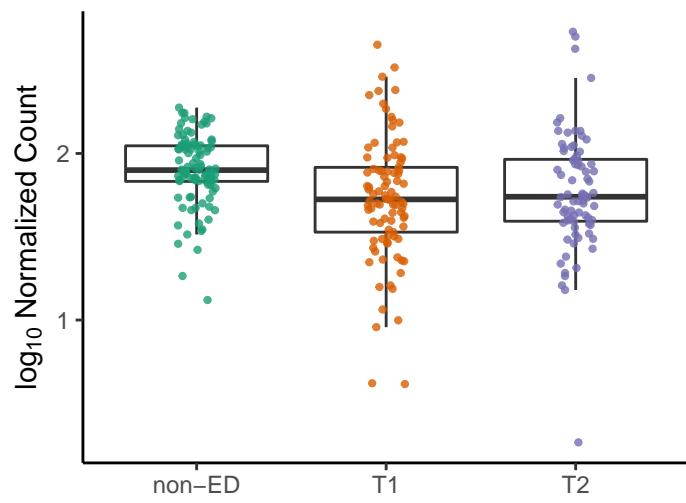
### *Rufibacter sp. DG15C*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.79



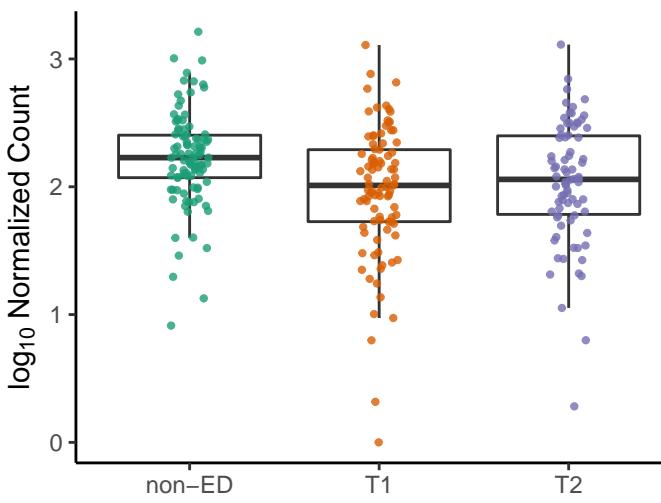
### *Devriesea agamarum*

non-ED vs. T1 adjusted p = 0.0033  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.74



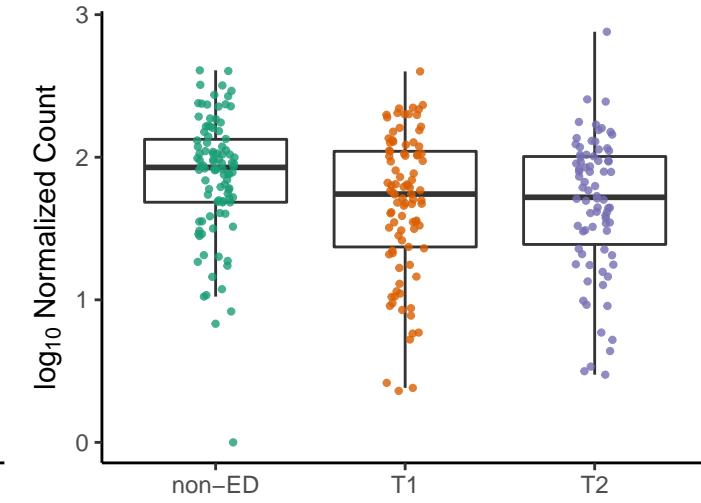
### *Streptomyces sp. ZFG47*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.67



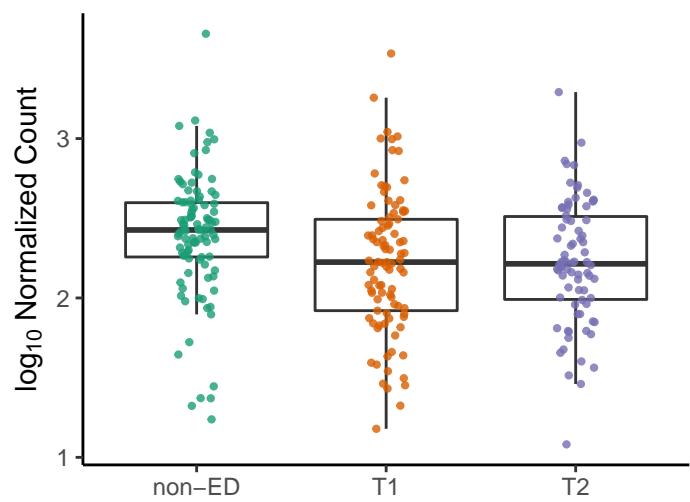
### *Acetobacter ghanensis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.92



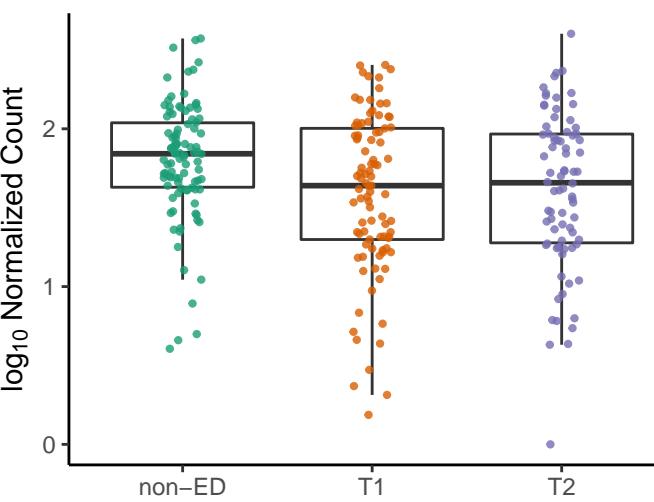
### *Lactococcus piscium*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.98



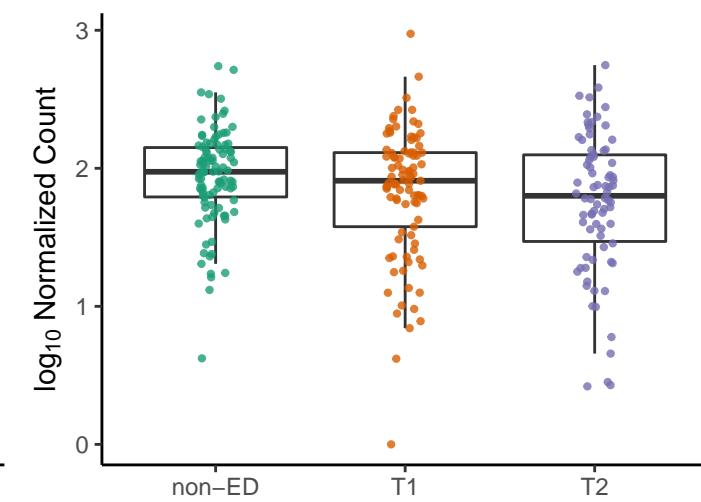
### *Methanothrix soehngenii*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.78



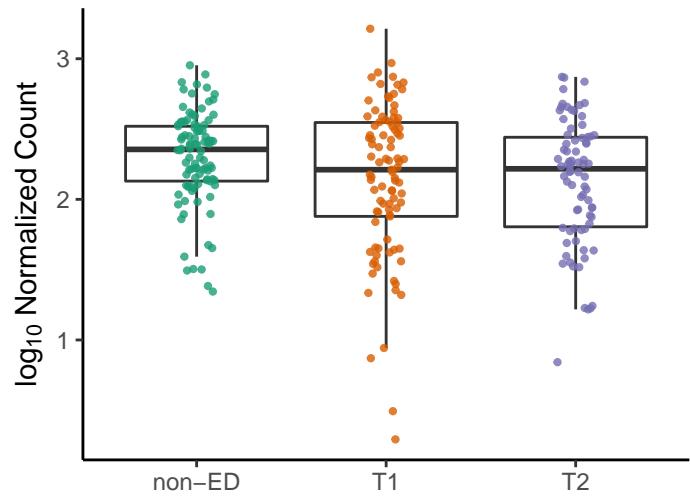
### *Paraburkholderia phymatum*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.74



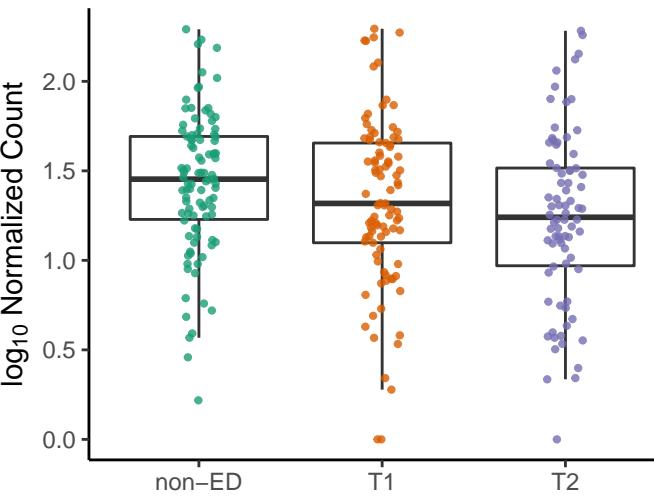
### *Euzebya* sp. DY32–46

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



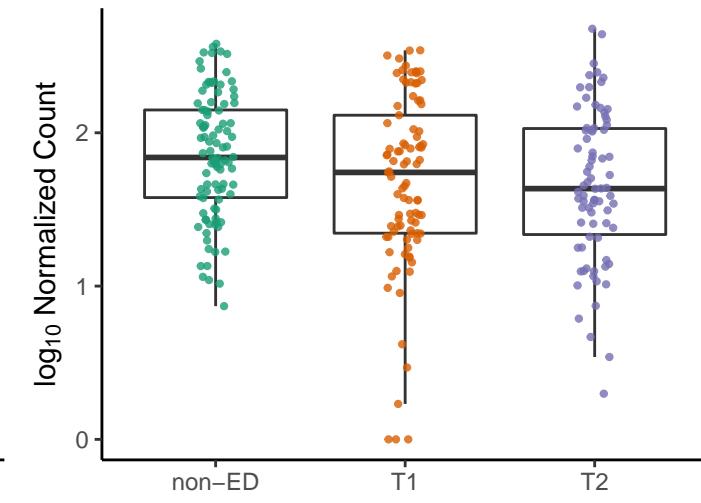
### Unclassified Anaerococcus Genus

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.76



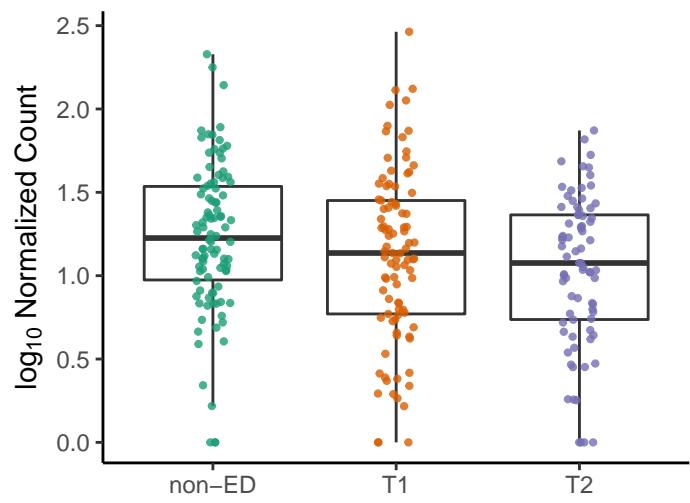
### *Xylanimonas cellulosilytica*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.93



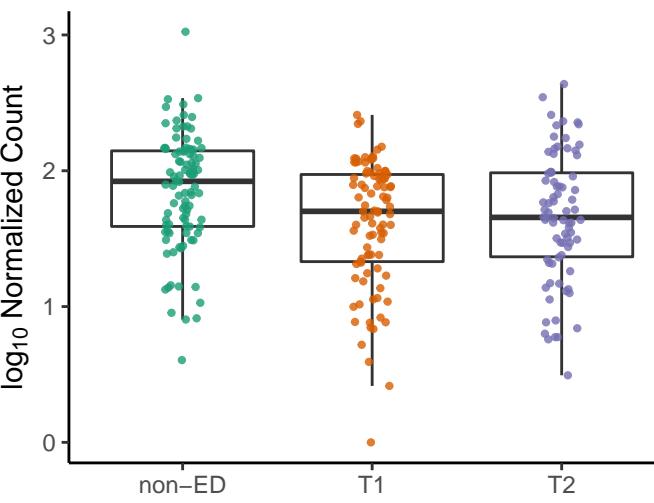
### *Hydrogenobacter thermophilus*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.68



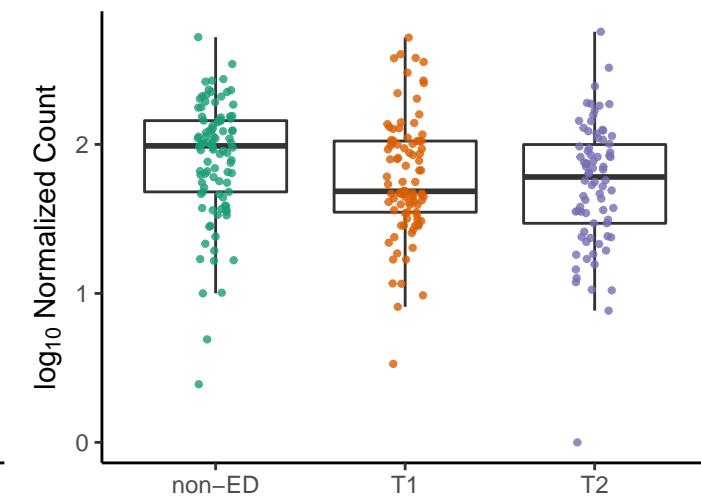
### *Pseudomonas* sp. 02C 26

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.79



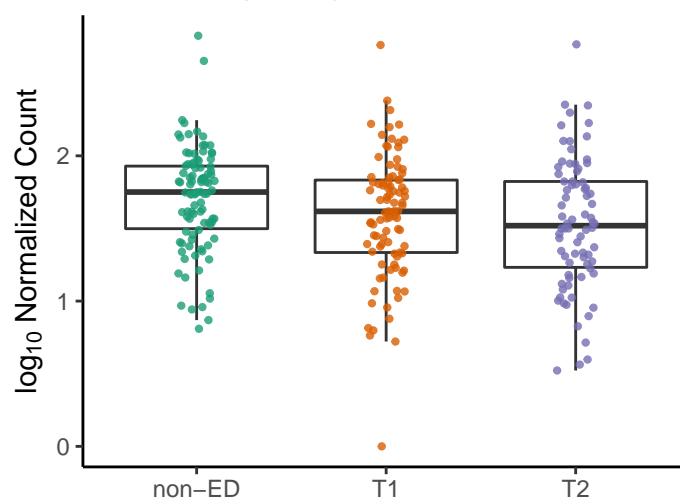
### Unclassified Polaribacter Genus

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.7



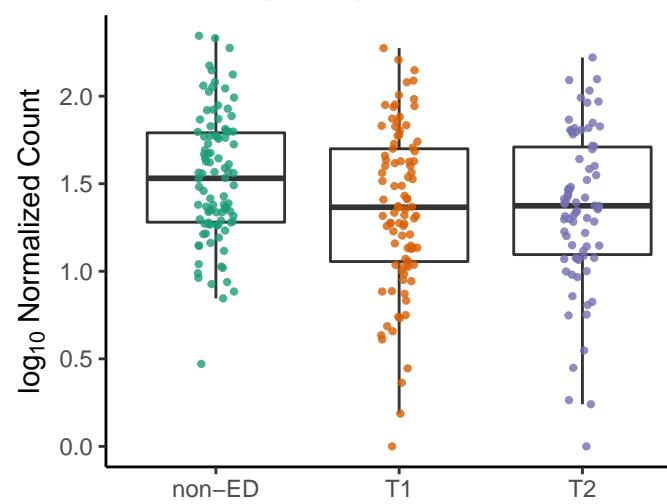
### *Lactobacillus fchuensis*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.91



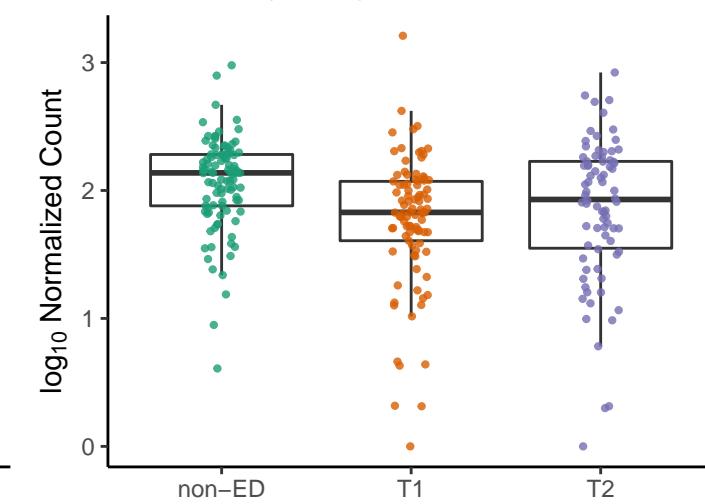
### *Acinetobacter* sp. ACNIH2

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



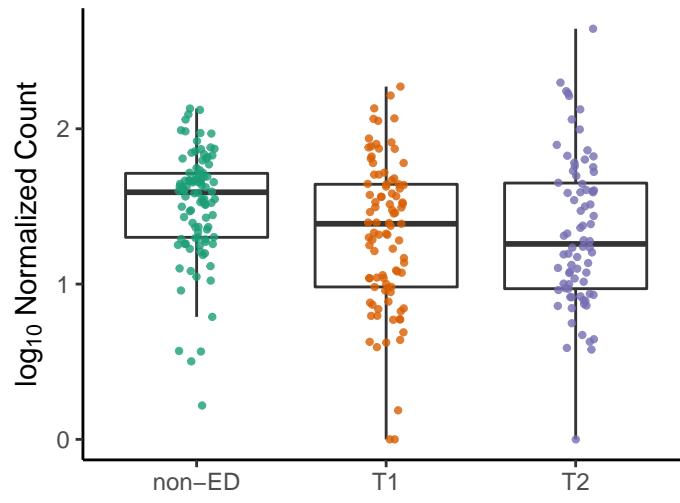
### *Haloarcula* sp. JP-L23

non-ED vs. T1 adjusted p = 0.00054  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.63



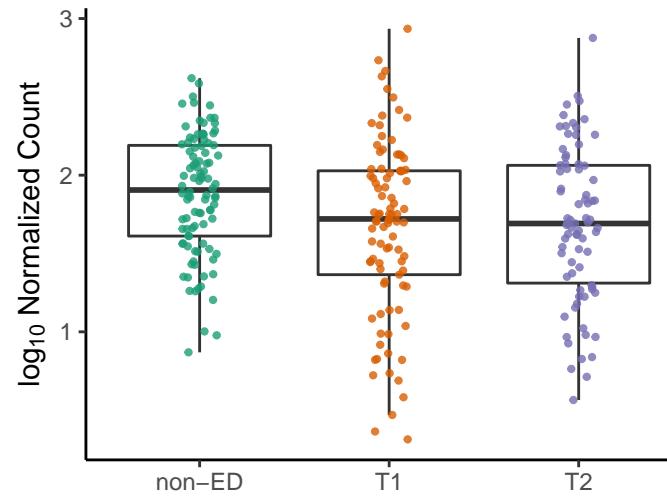
### *Methanothermococcus okinawensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.97



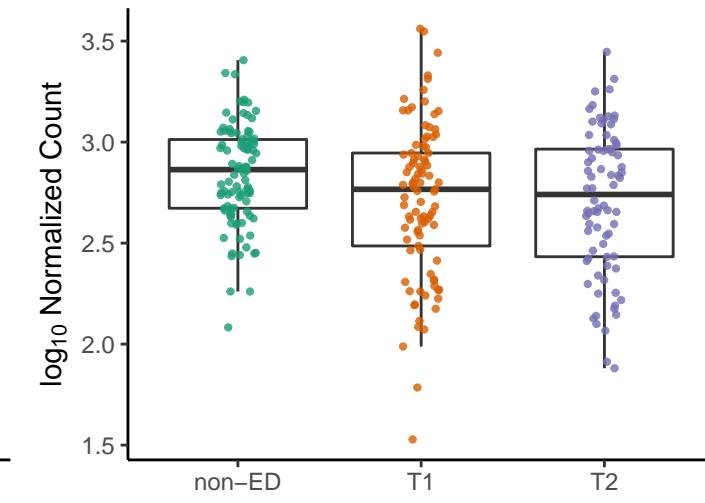
### *Mycolicibacterium moriokaense*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.77



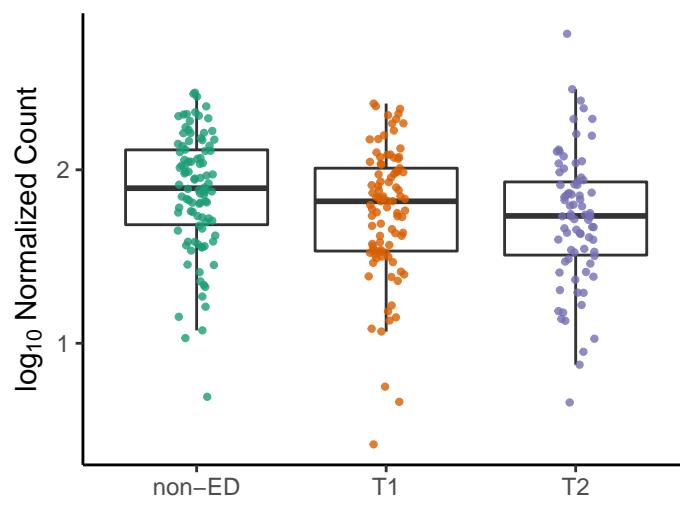
### *Stenotrophomonas maltophilia*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.93



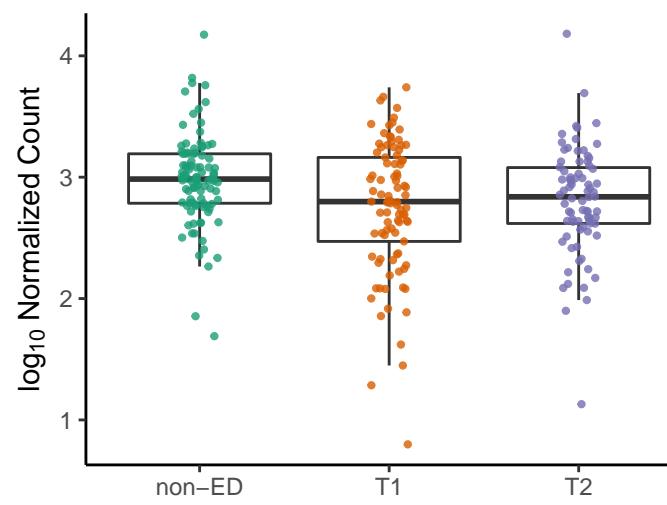
### *Cellvibrio japonicus*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.8



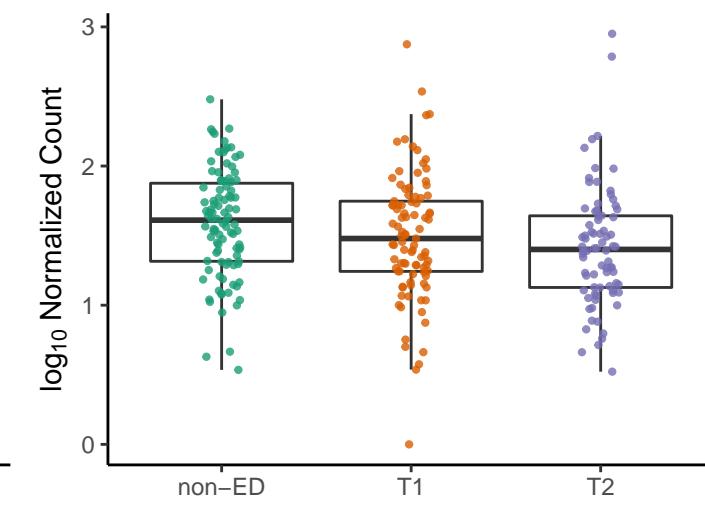
### *Denitrobacterium detoxificans*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.67



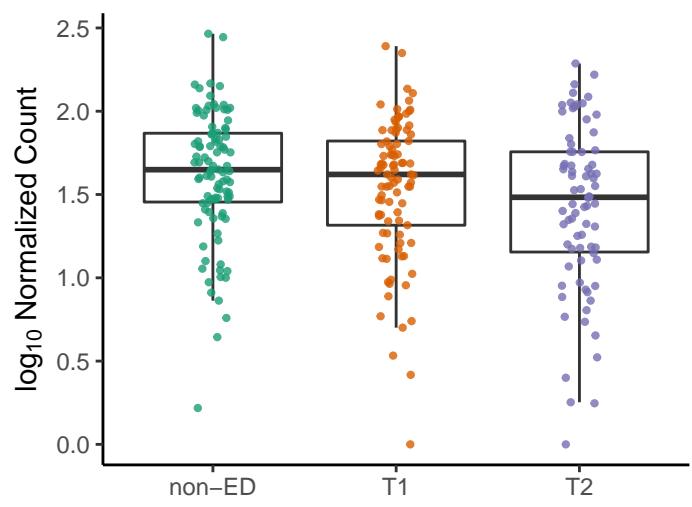
### *Vibrio azureus*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.65



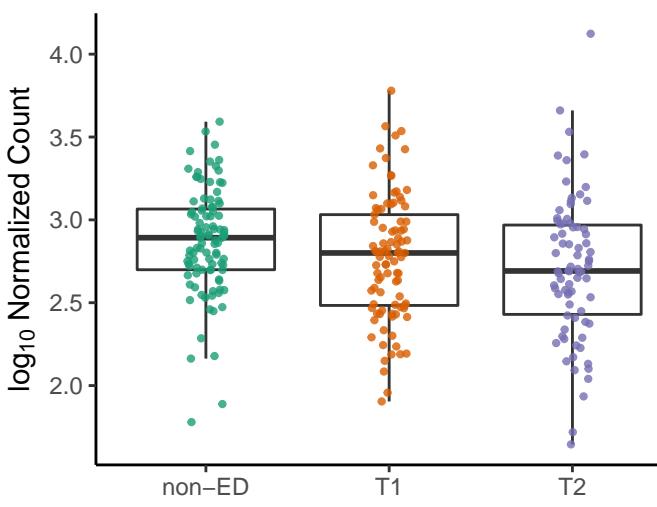
### *Aliivibrio salmonicida*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.55



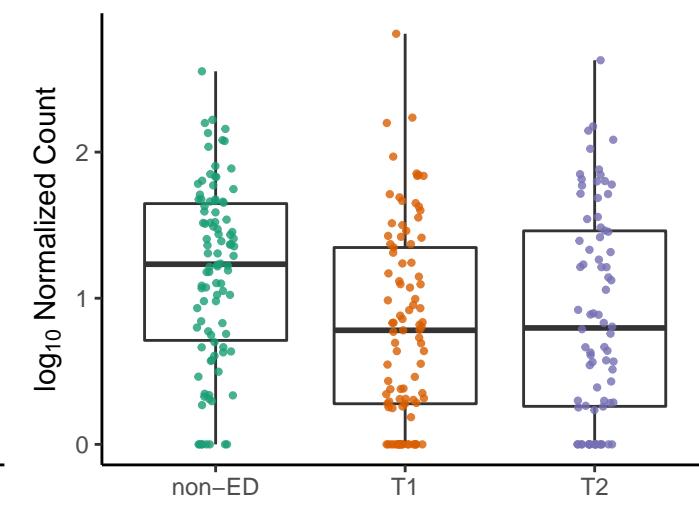
### *Streptococcus pneumoniae*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



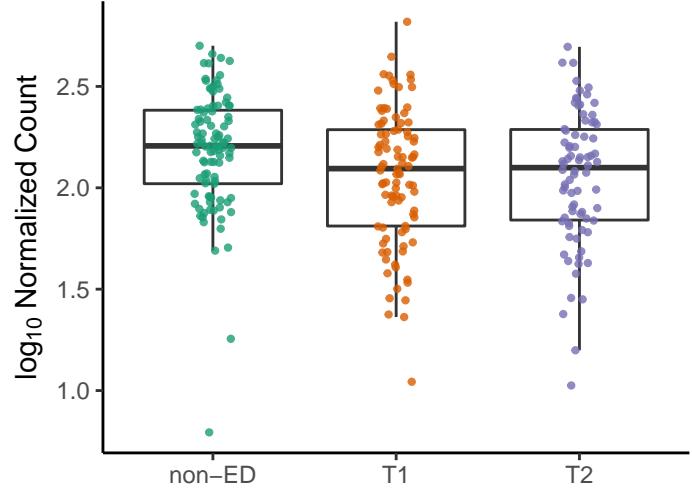
### *Sphingopyxis* sp. MG

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.73



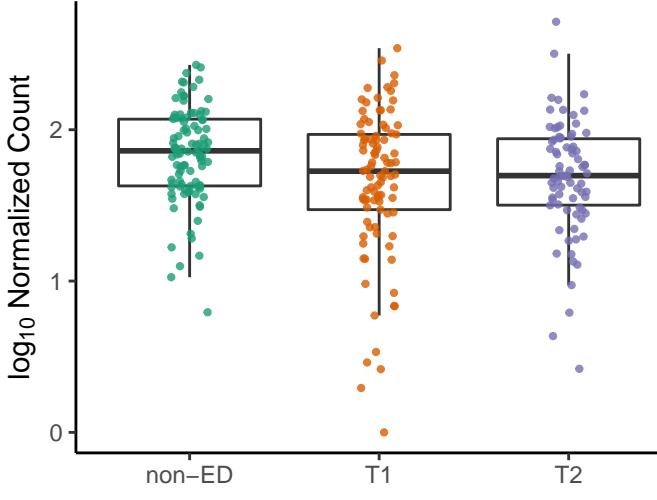
### *Chryseobacterium taklimakanense*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.98



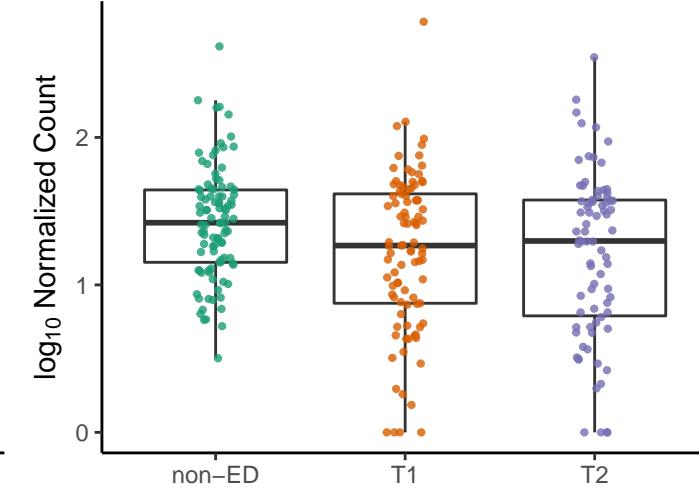
### *Mariprofundus ferrinatatus*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.74



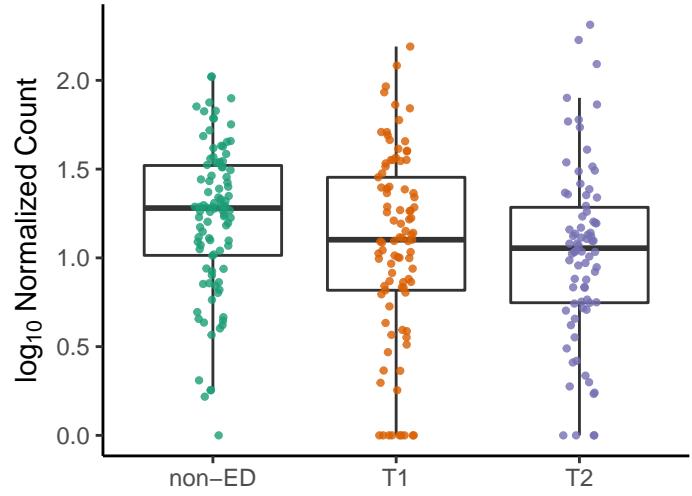
### *Serratia* sp. KUDC3025

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.93



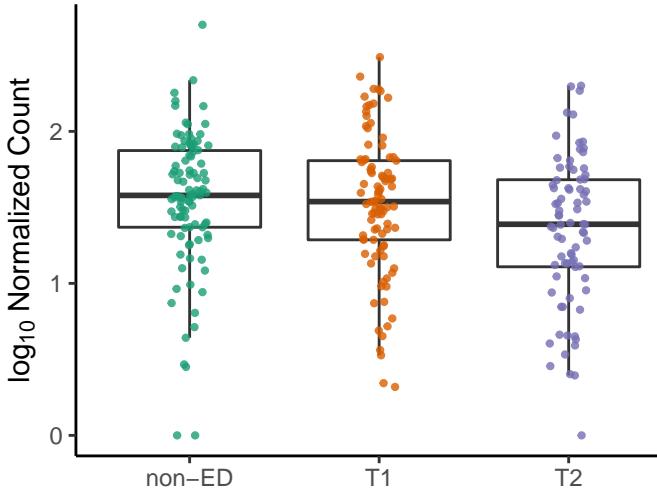
### *Alteromonas* sp. 76-1

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.92



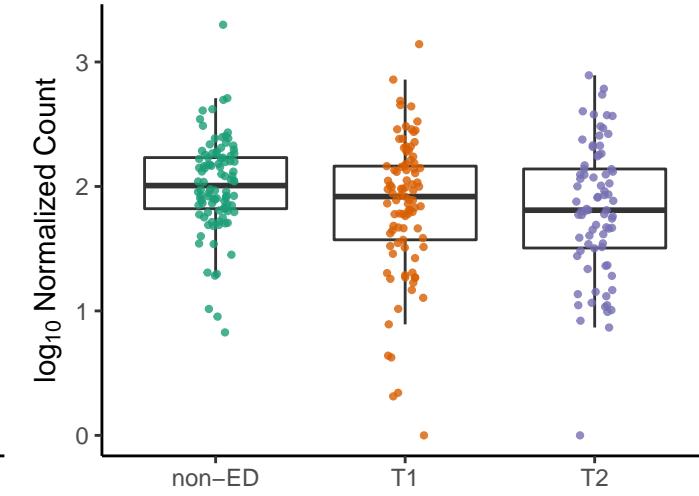
### *Arcobacter halophilus*

non-ED vs. T1 adjusted p = 0.74  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.47



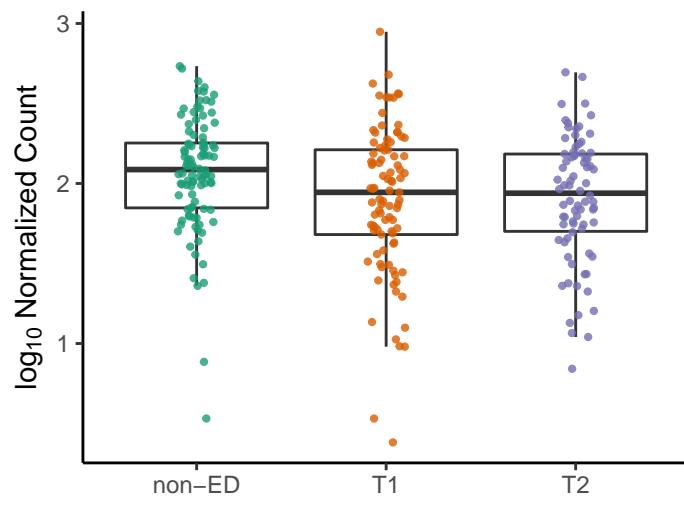
### *Hydrogenophaga* sp. BA0156

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.99



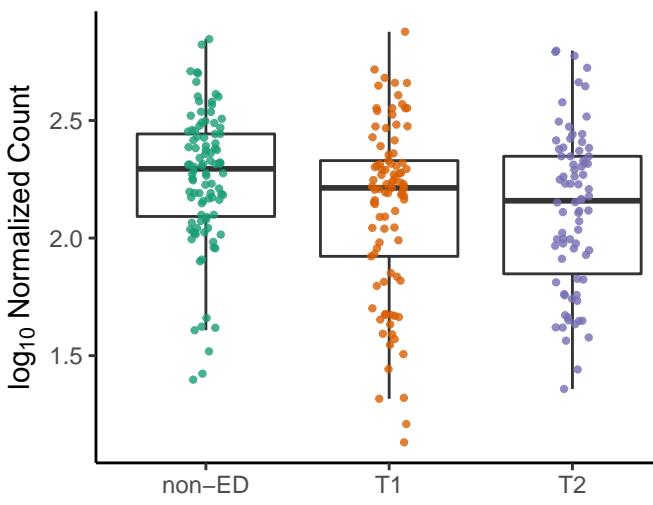
### Paracoccus sp. Arc7-R13

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



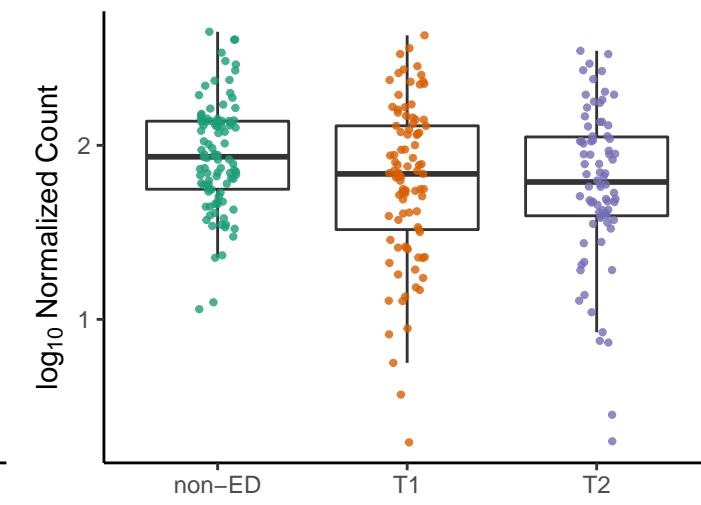
### Serratia plymuthica

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.91



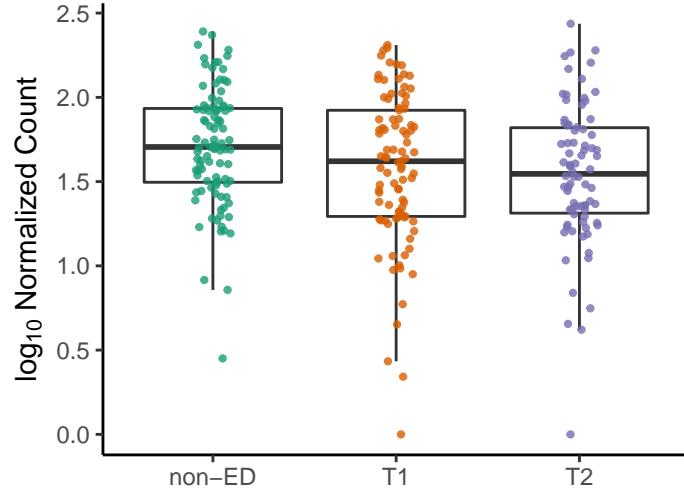
### Sinimarinibacterium sp. NLF-5-8

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.94



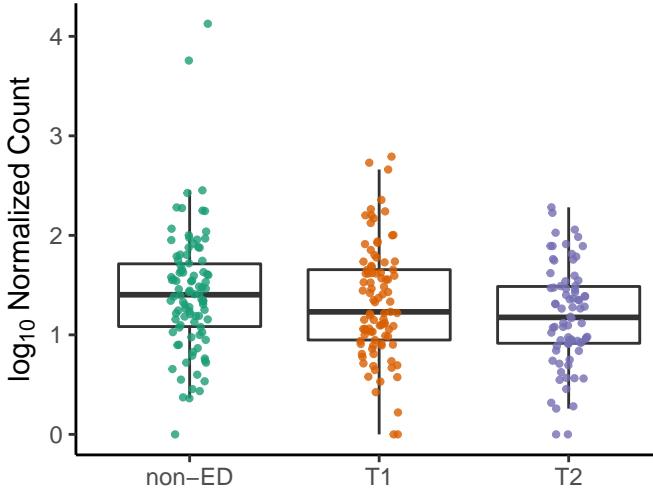
### Sphingomonas sp. KC8

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.92



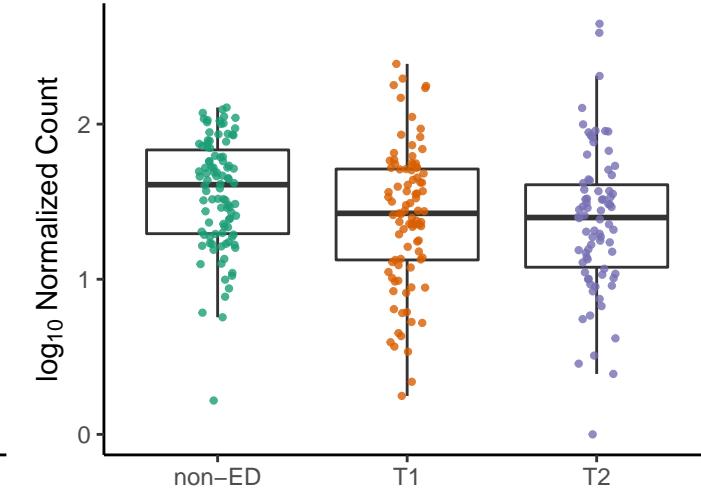
### Enterobacter kobei

non-ED vs. T1 adjusted p = 0.4  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.66



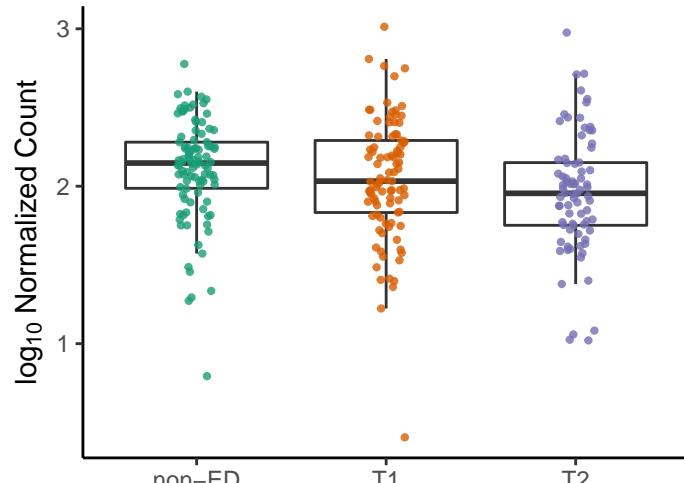
### Campylobacter hyoilealis

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.93



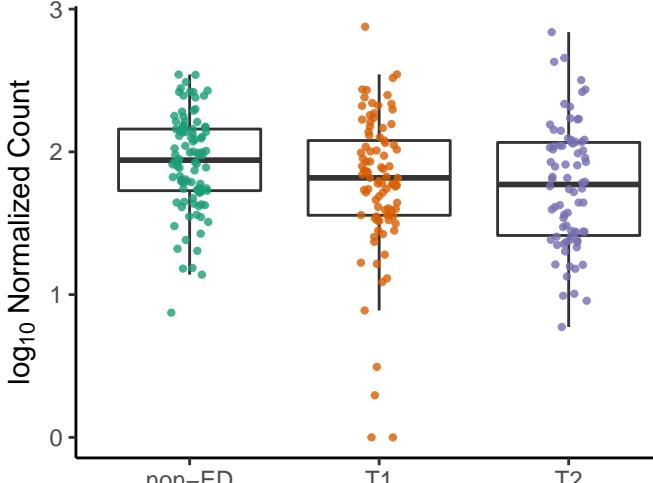
### Lysinibacillus sphaericus

non-ED vs. T1 adjusted p = 0.35  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.56



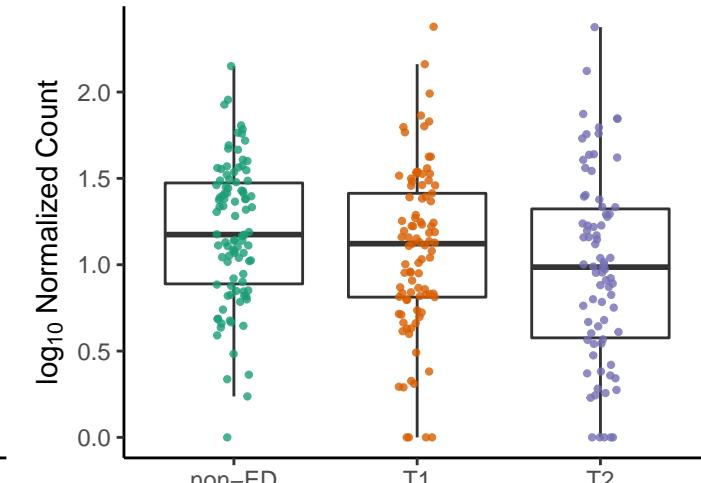
### Isoptericola dokdonensis

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.98



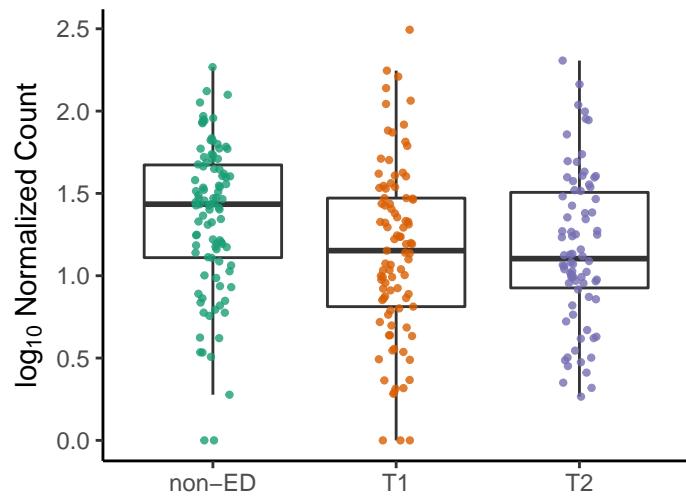
### Unclassified Sulfolobus Genus

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.77



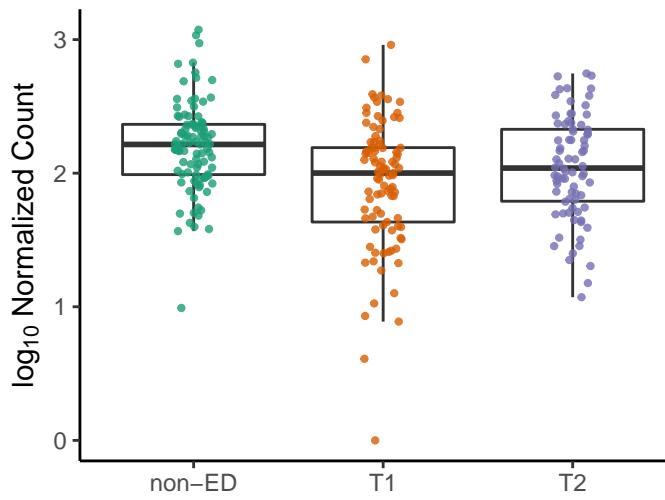
### *Natronolimnobius sulfurireducens*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.88



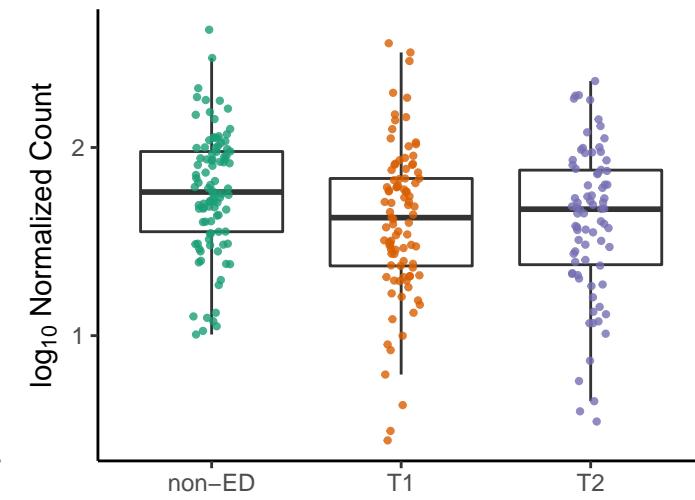
### *Alcanivorax pacificus*

non-ED vs. T1 adjusted p = 0.00045  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.45



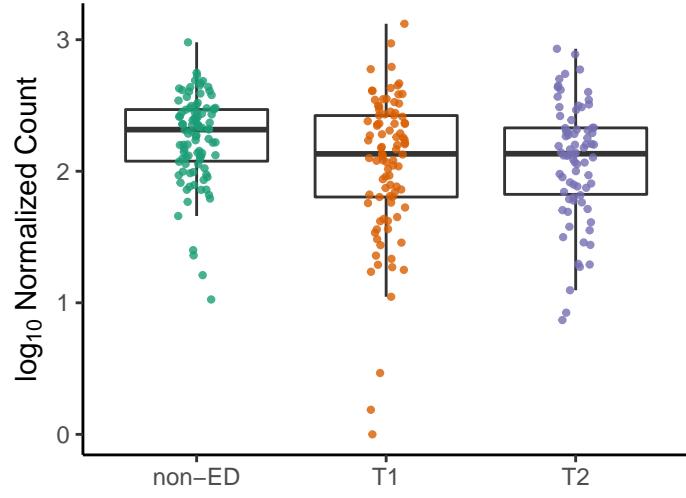
### *Roseobacter litoralis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.86



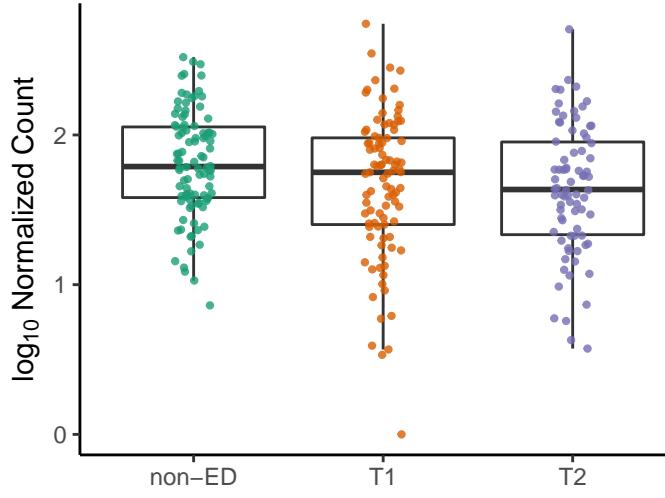
### *Caulobacter flavus*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.74



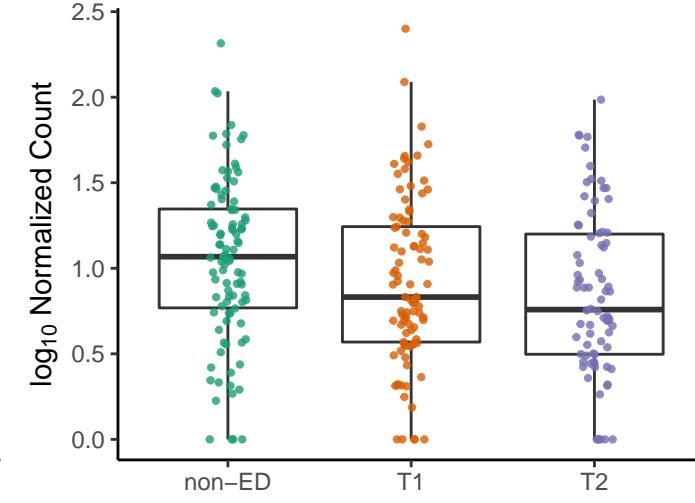
### *Diaminobutyricimonas sp. LJ205*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.95



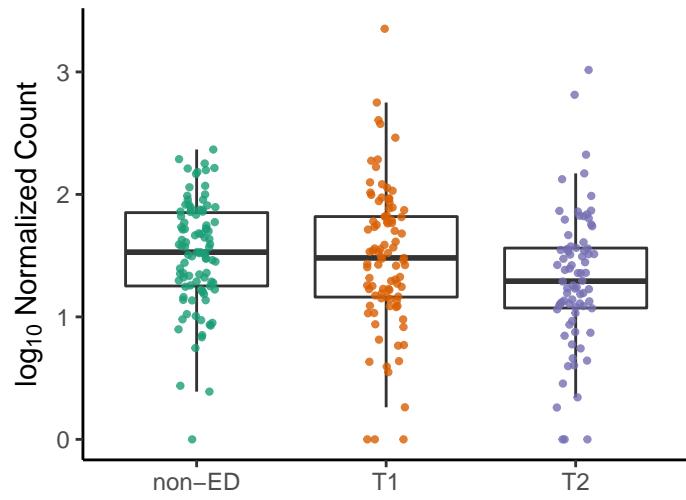
### *Mycobacterium sp. WY10*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



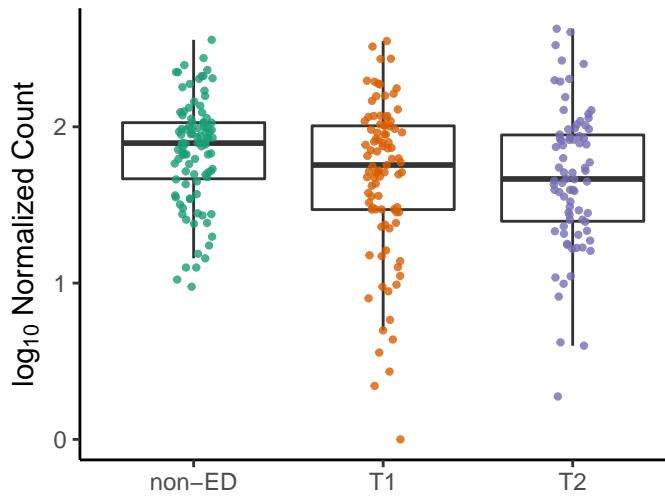
### *Streptococcus periodonticum*

non-ED vs. T1 adjusted p = 0.72  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.46



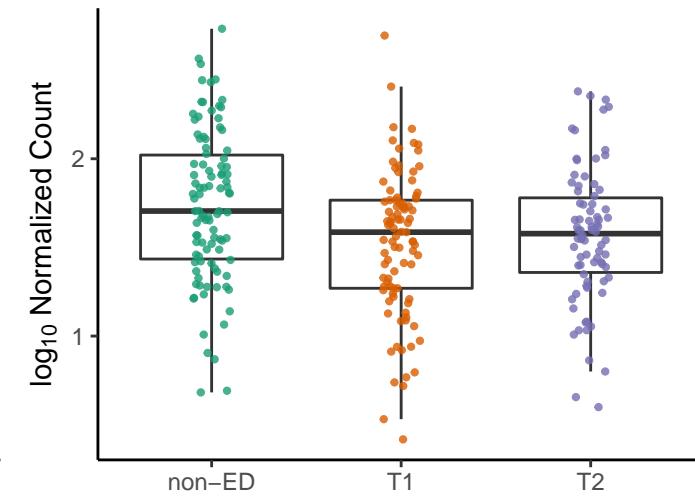
### *Streptomyces noursei*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.87



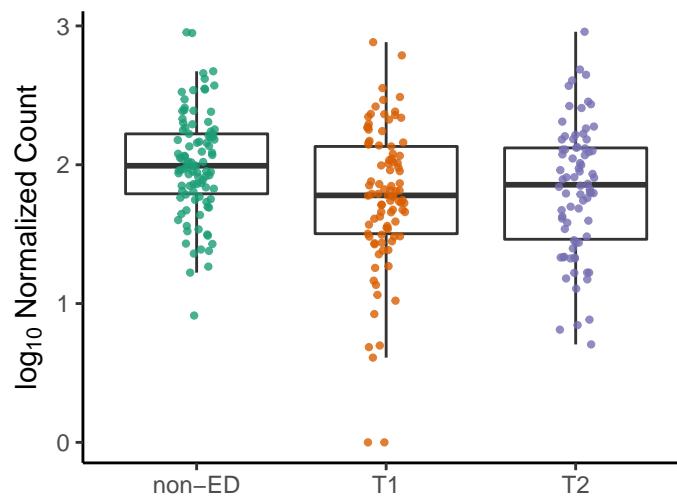
### *Microbacterium sp. CBA3102*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.72



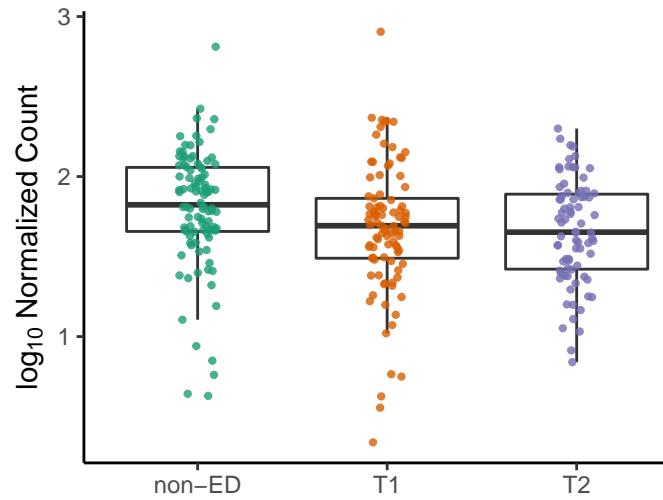
### *Erwinia tasmaniensis*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.67



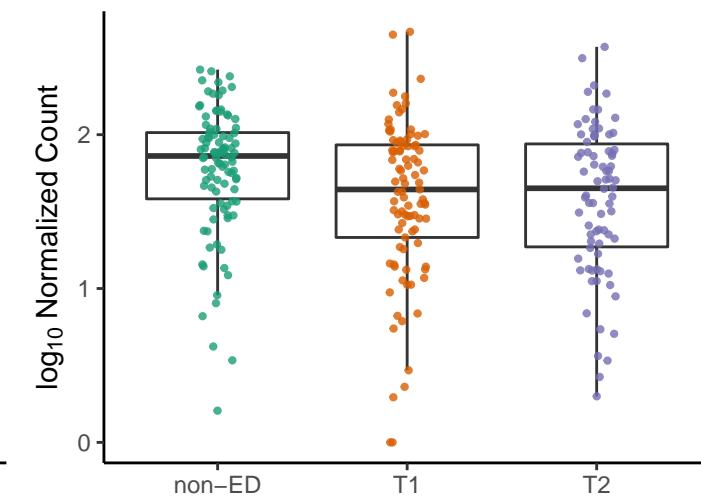
### *Candida orthopsisilosis*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.98



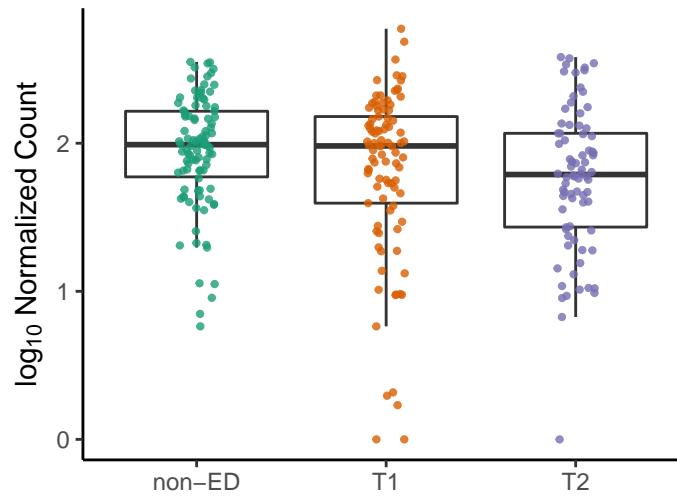
### *Citromicrobium sp. JL477*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.79



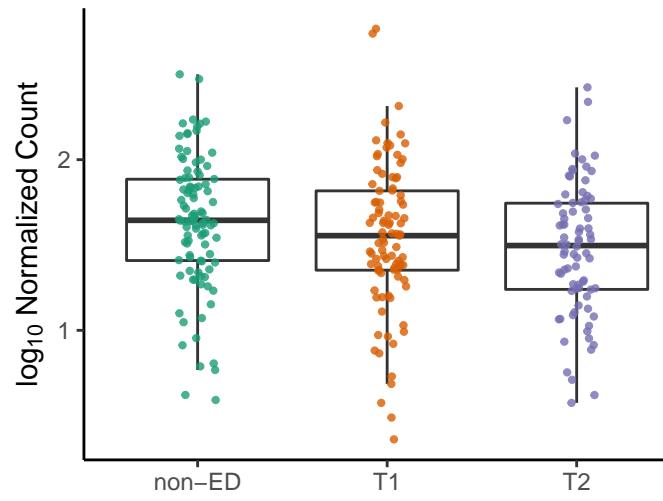
### *Methylobacterium terrae*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.95



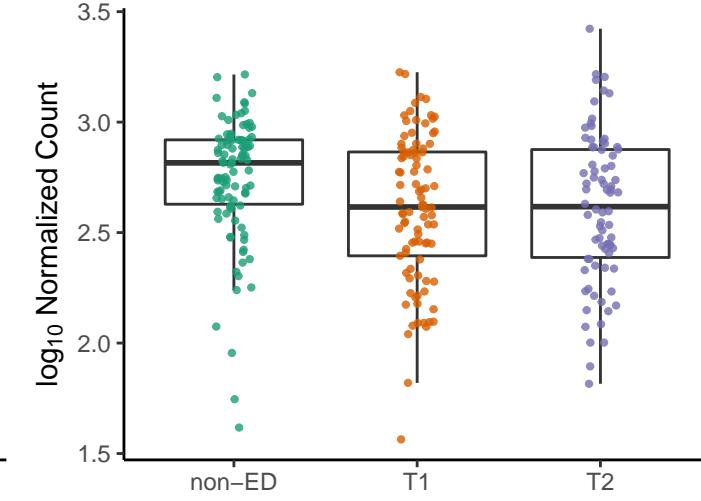
### *Chroococcidiopsis thermalis*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.77



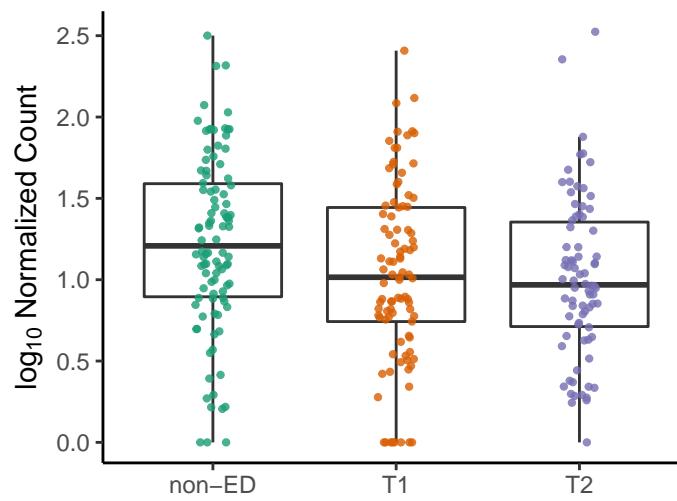
### *Clostridium sp. BNL1100*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.98



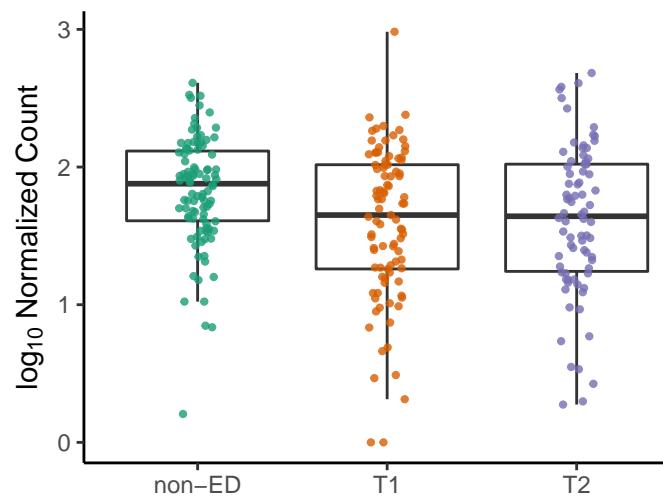
### *Candidatus Atelocyanobacterium thalassum*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.93



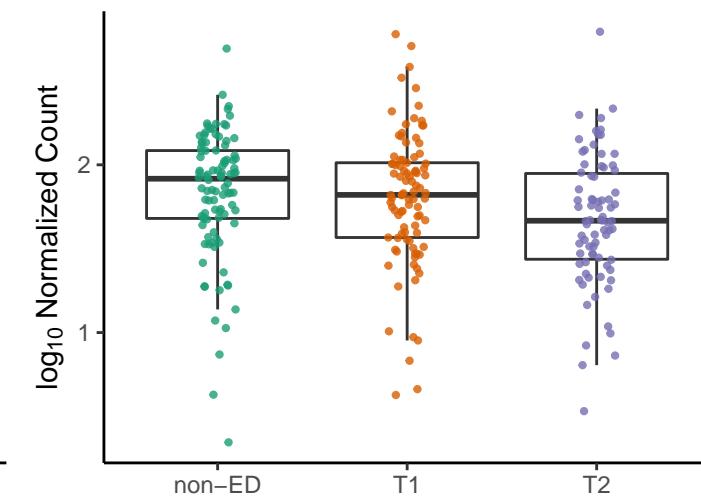
### *Altererythrobacter mangrovi*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.74

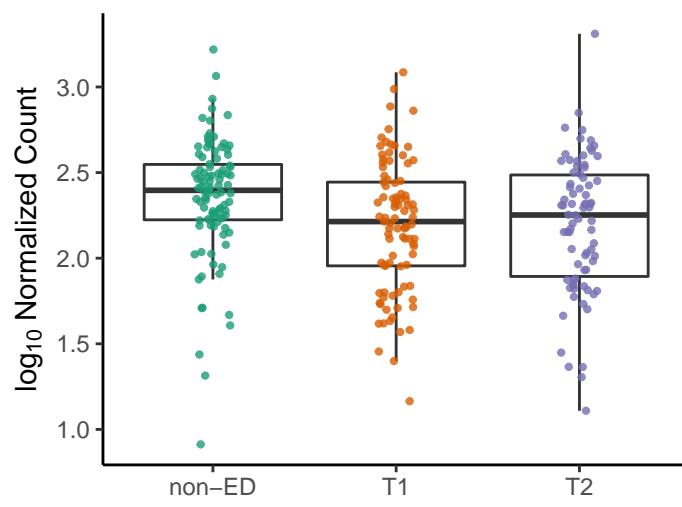


### *Arenibacter algicola*

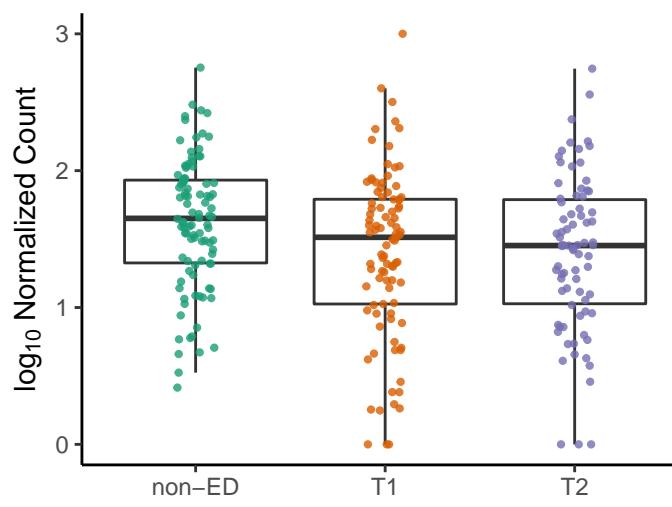
non-ED vs. T1 adjusted p = 0.72  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.16



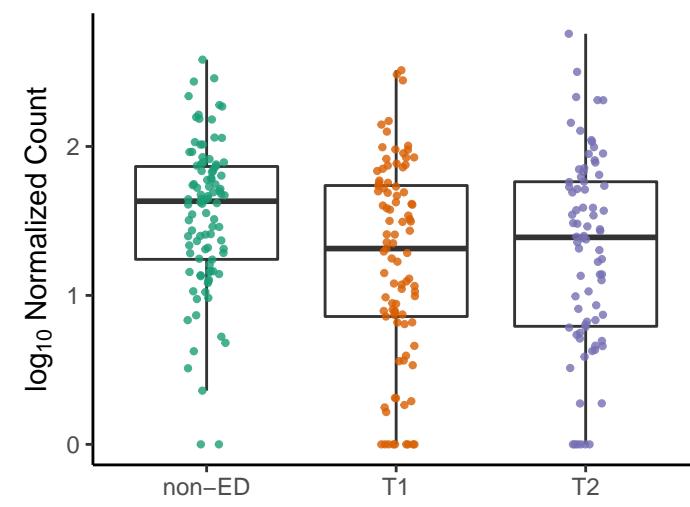
*Jeotgalibacillus malaysiensis*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.92



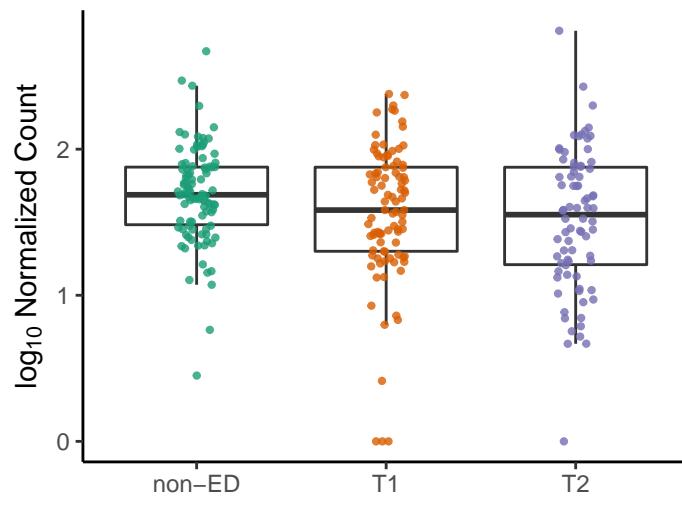
*Rhizobium acidisol*  
non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.96



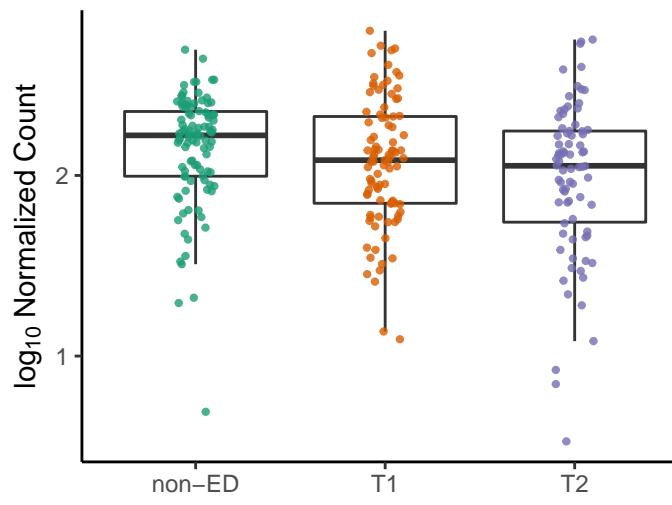
*Unclassified Tsukamurella Genus*  
non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.7



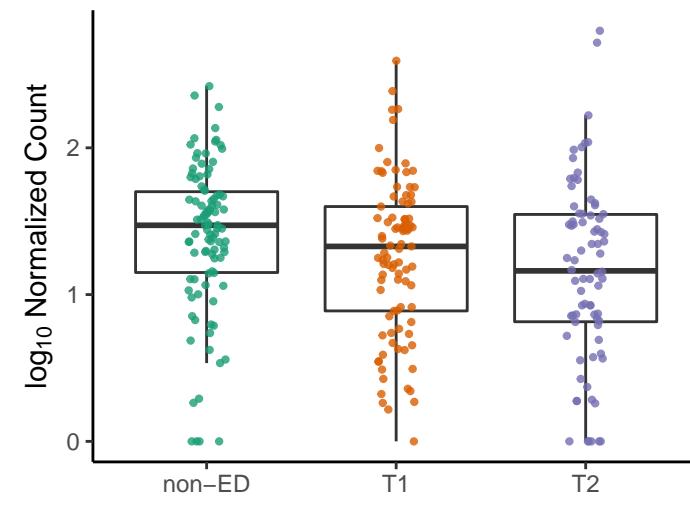
*Croceicoccus naphthovorans*  
non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.92



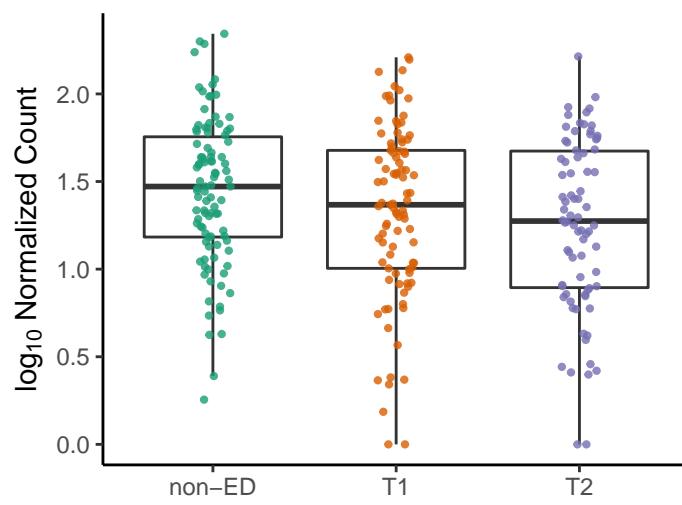
*Clostridium drakei*  
non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.68



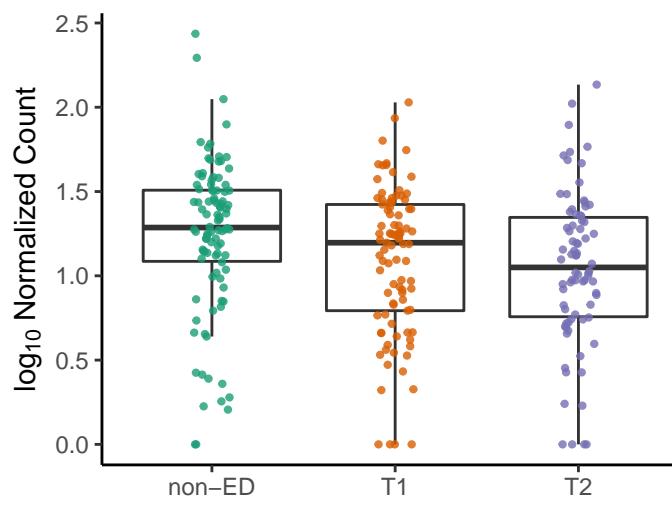
*Eikenella exigua*  
non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.7



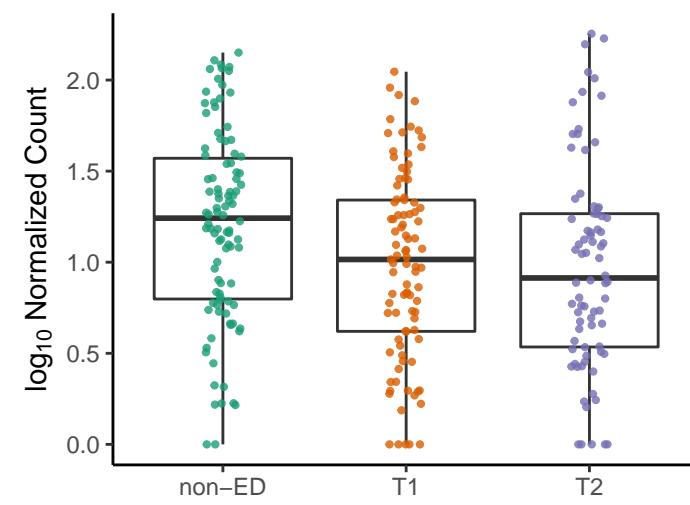
*Haloprofundus sp. MHR1*  
non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.79



*Bartonella claridgeiae*  
non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.8

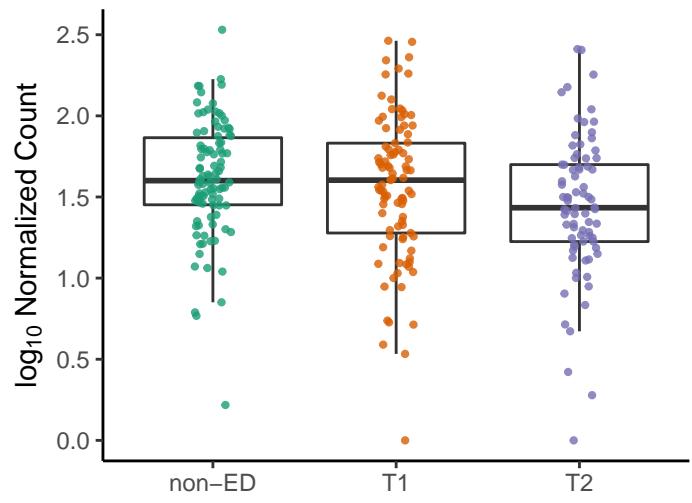


*Candidatus Planktophila limnetica*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.96



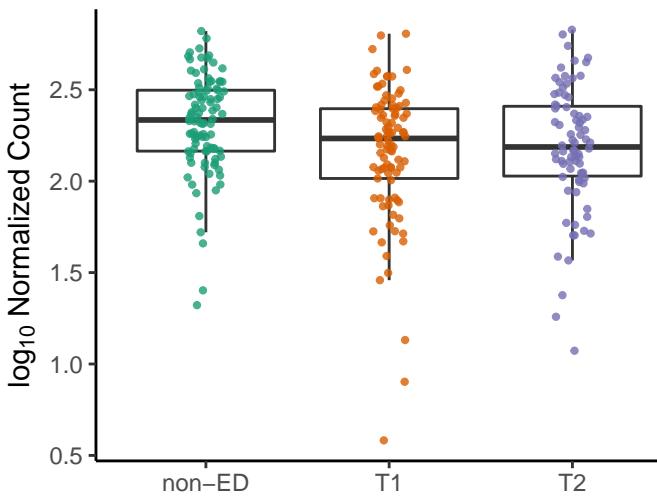
### *Staphylococcus schweitzeri*

non-ED vs. T1 adjusted p = 0.48  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.61



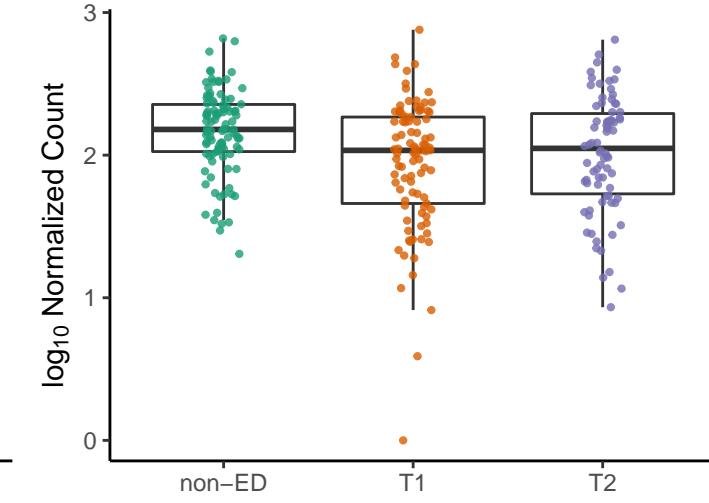
### Unclassified Acetobacter Genus

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.78



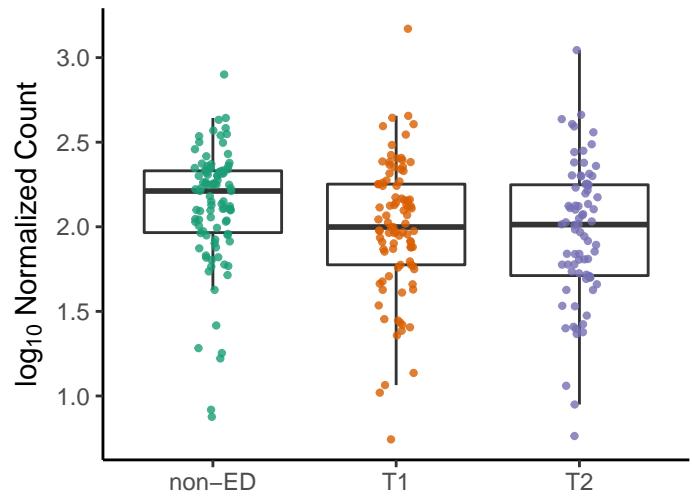
### *Martelella* sp. AD-3

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.67



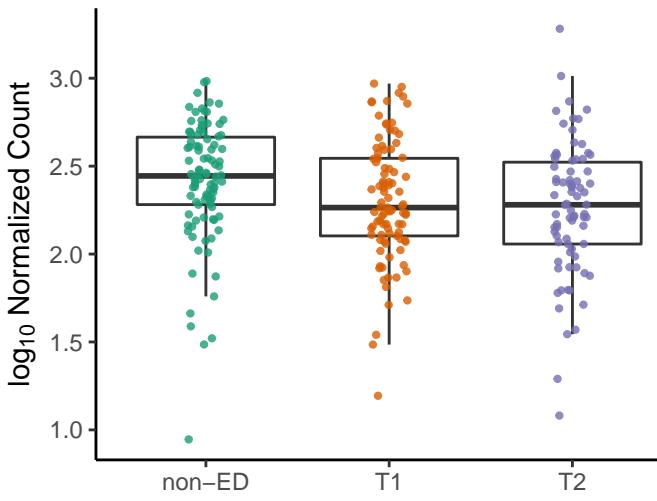
### *Staphylococcus epidermidis*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.9



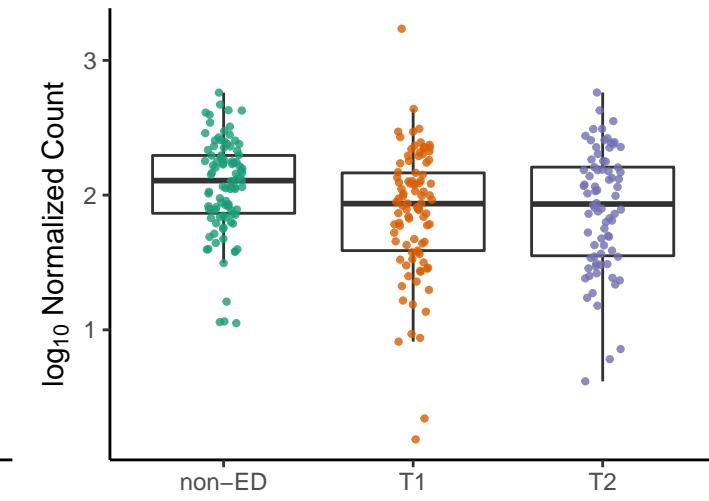
### *Clostridium tyrobutyricum*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.78



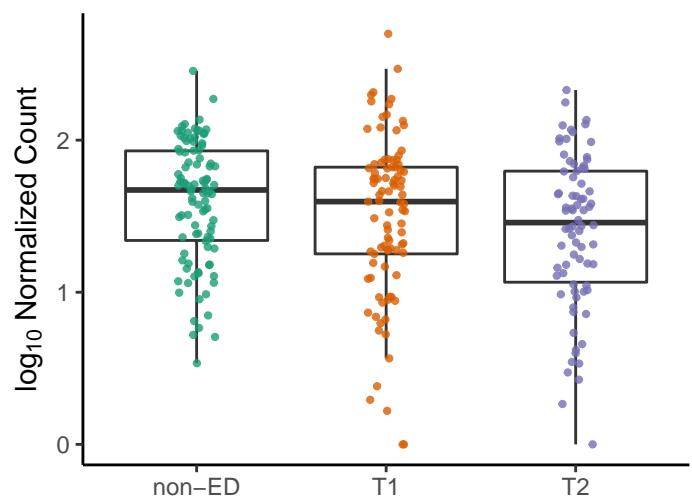
### *Pseudomonas* sp. S-6-2

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.77



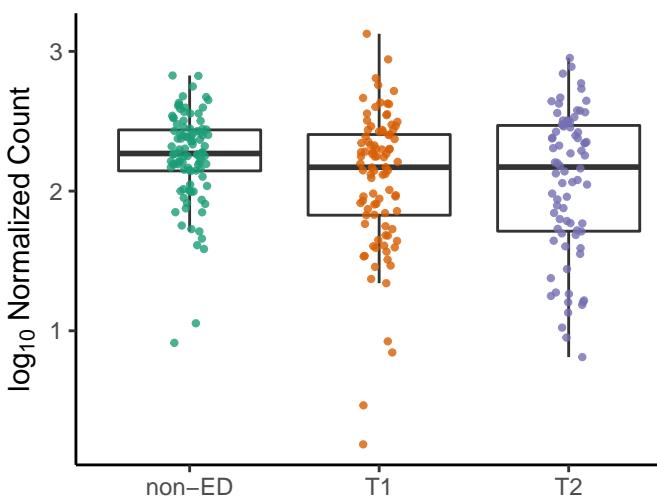
### *Sphingopyxis* sp. PAMC25046

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.7



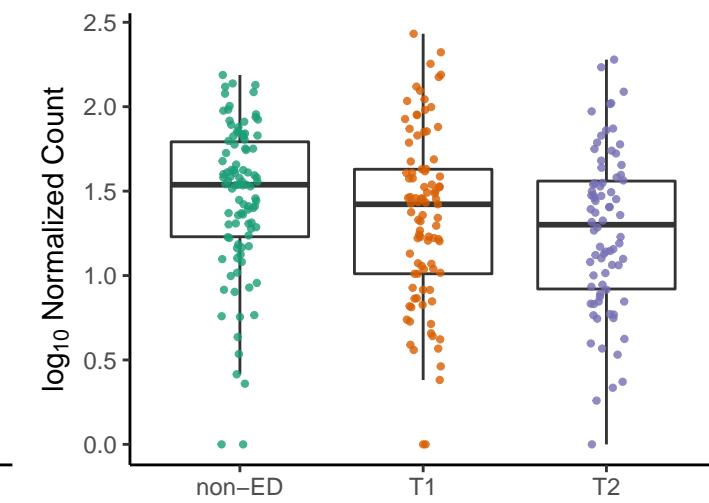
### Unclassified Actinoalloteichus Genus

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.96



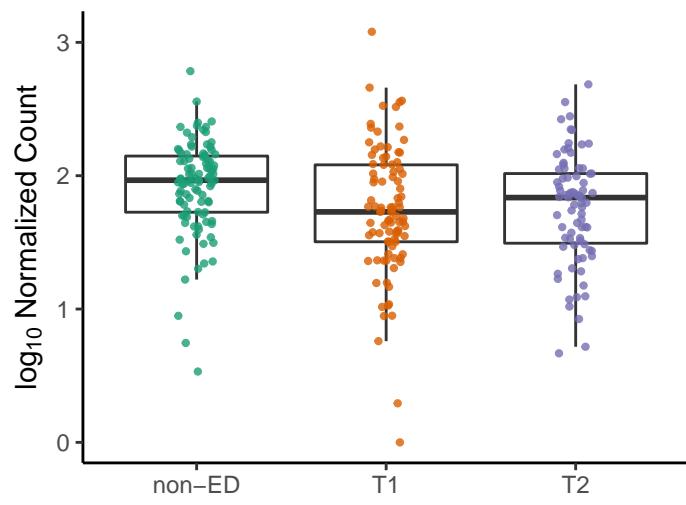
### *Borrelia hermsii*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.72



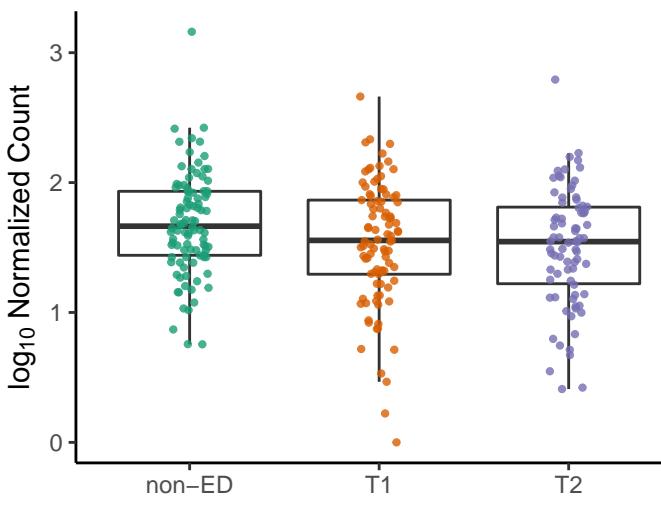
### *Halomonas* sp. NBT06E8

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.78



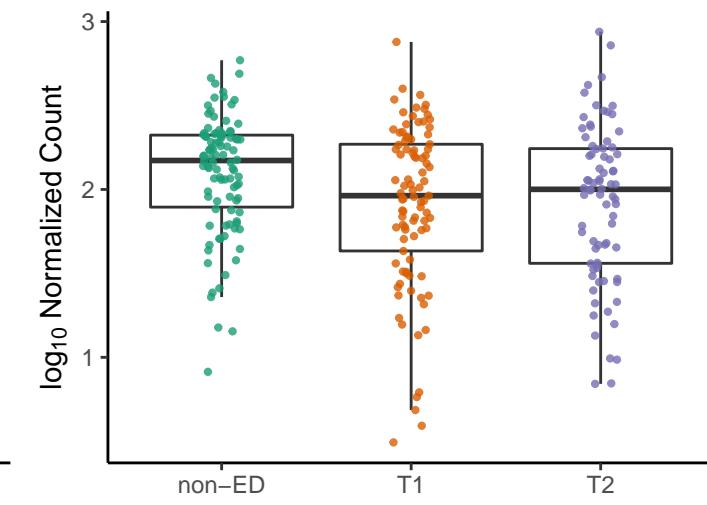
### *Pseudomonas* sp. URMO17WK12:I11

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 1



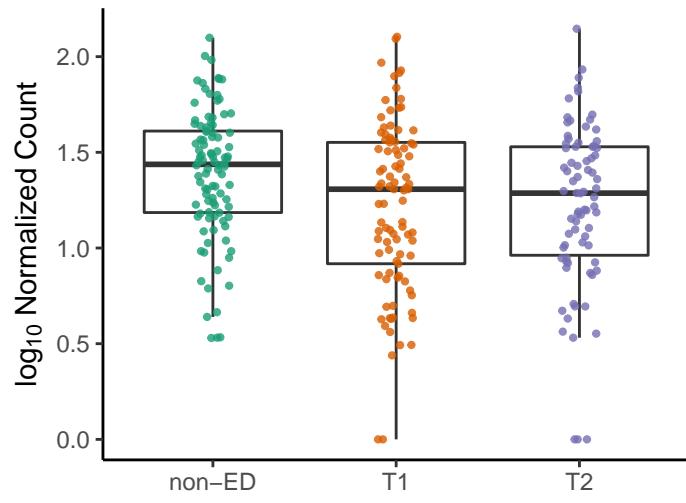
### *Novosphingobium resinovorum*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.84



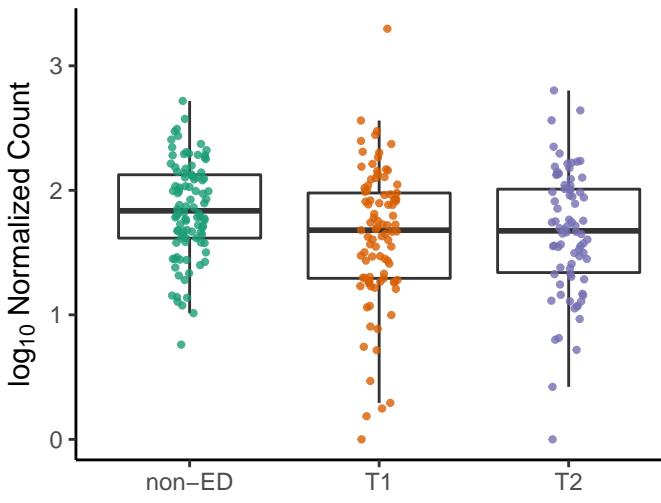
### Unclassified Spirochaetaceae Family

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.95



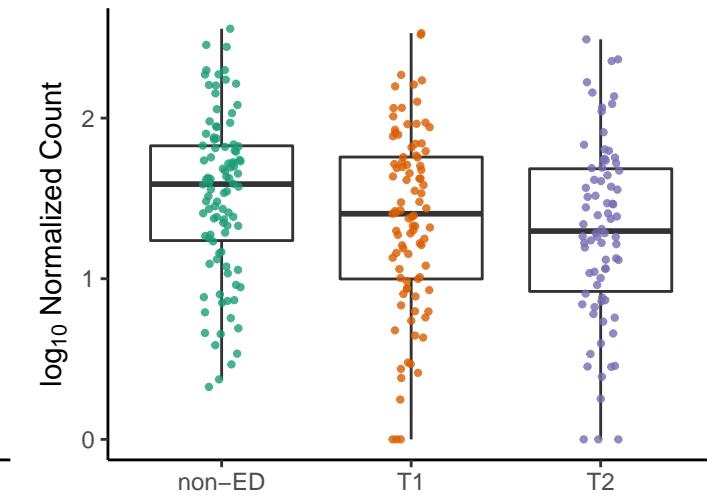
### *Methylovirgula ligni*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.74



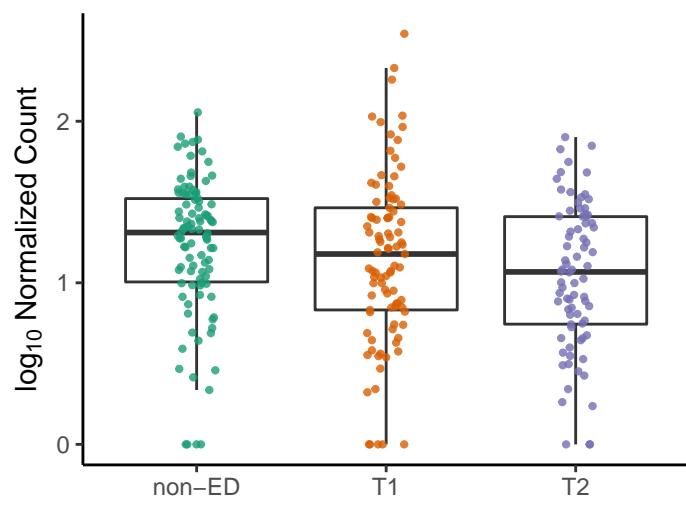
### *Cupriavidus nantongensis*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.8



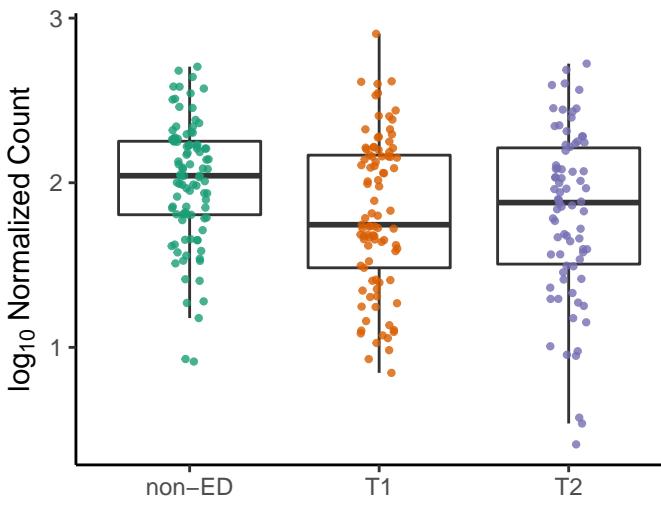
### Unclassified Peptoniphilaceae Family

non-ED vs. T1 adjusted p = 0.37  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.67



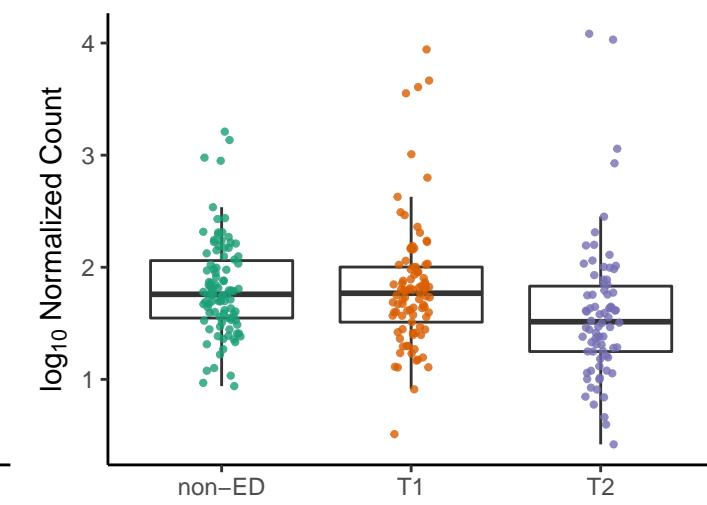
### *Chromobacterium* sp. 257-1

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



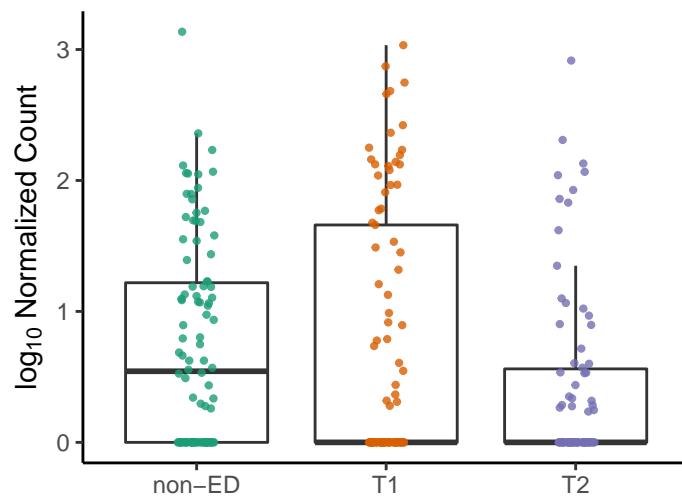
### *Citrobacter farmeri*

non-ED vs. T1 adjusted p = 0.95  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.039



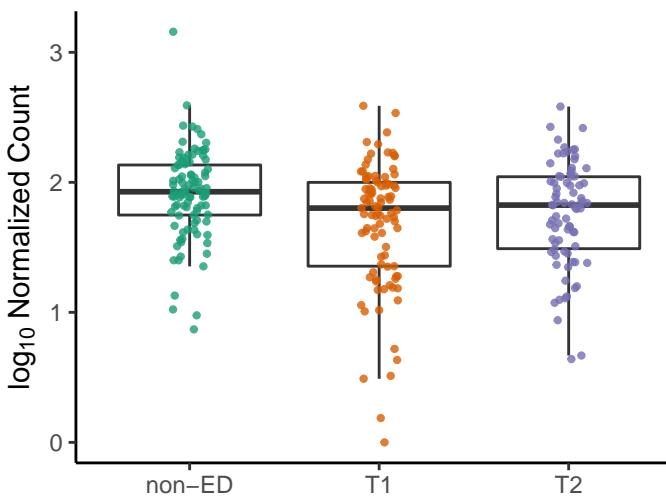
### Unclassified Verrucomicrobiales Order

non-ED vs. T1 adjusted p = 0.95  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.21



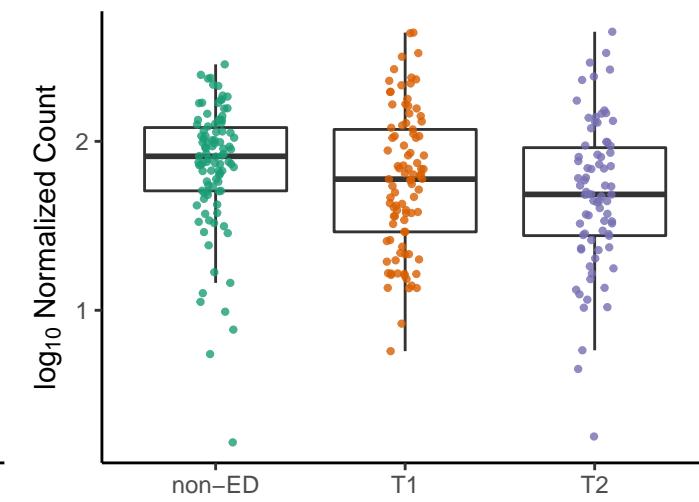
### Pseudomonas sp. DG56-2

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.67



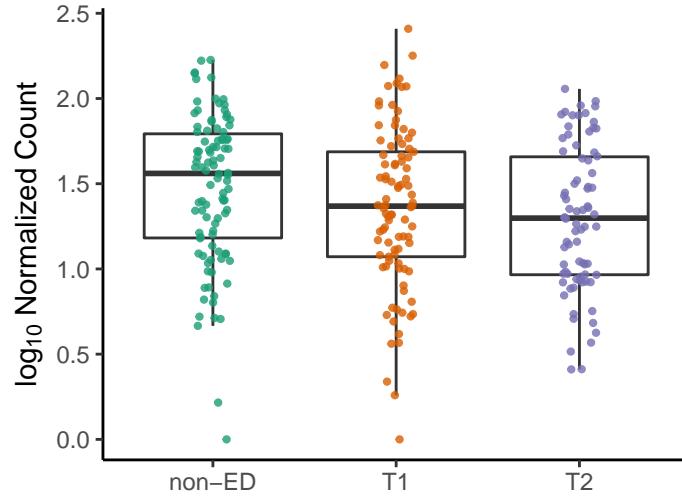
### Francisella philomiragia

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.7



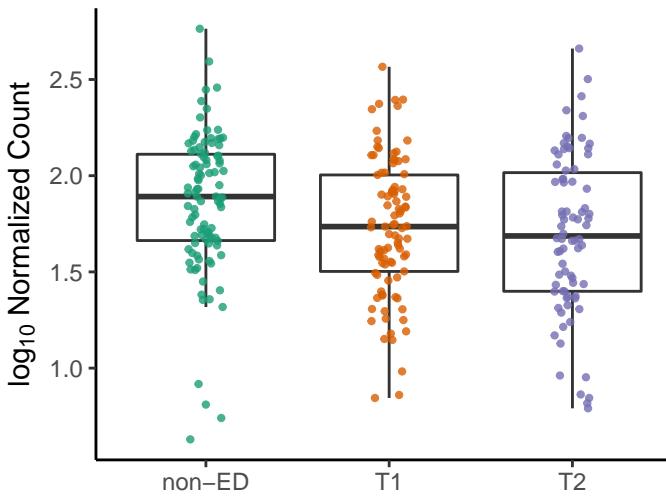
### Unclassified Prochlorococcus Genus

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.75



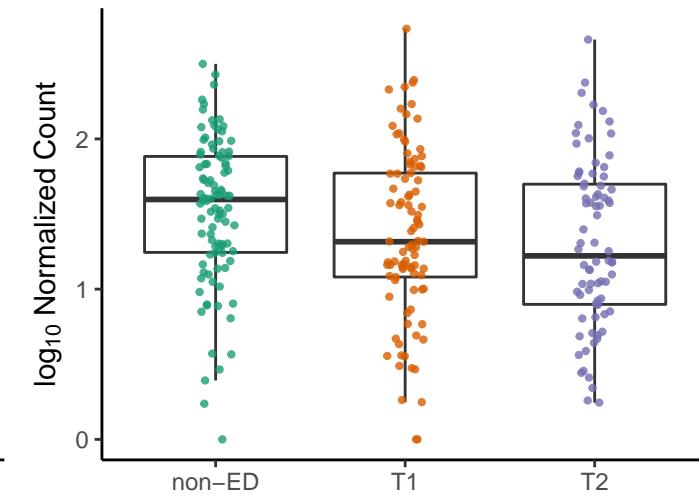
### Carnobacterium inhibens

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.9



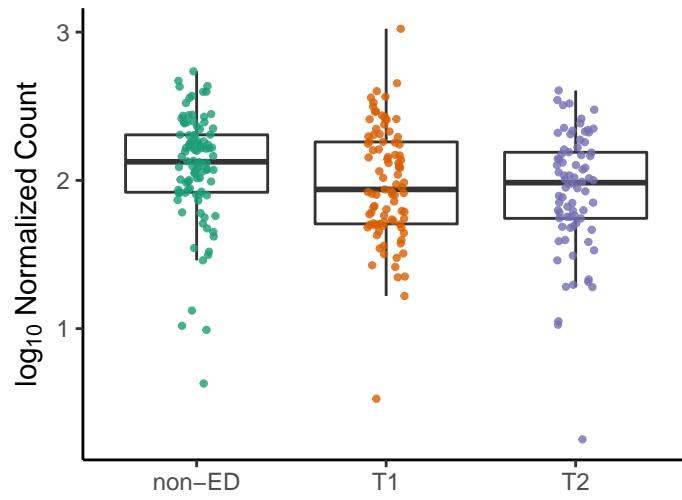
### Arcobacter thereius

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.71



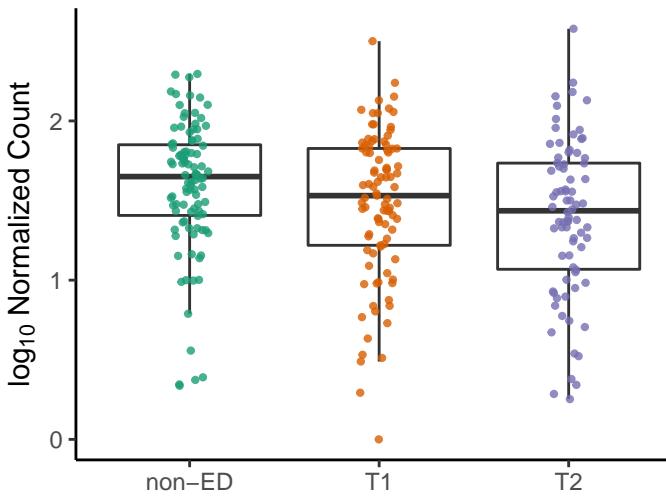
### Ureibacillus thermosphaericus

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.73



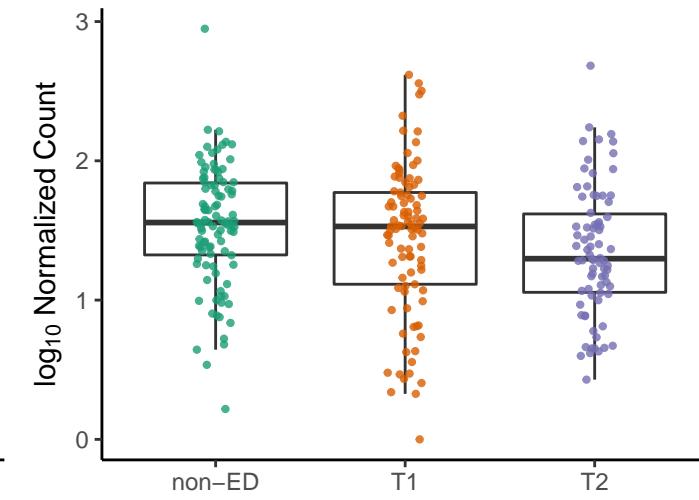
### Wolbachia endosymbiont of Ctenocephala

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.68



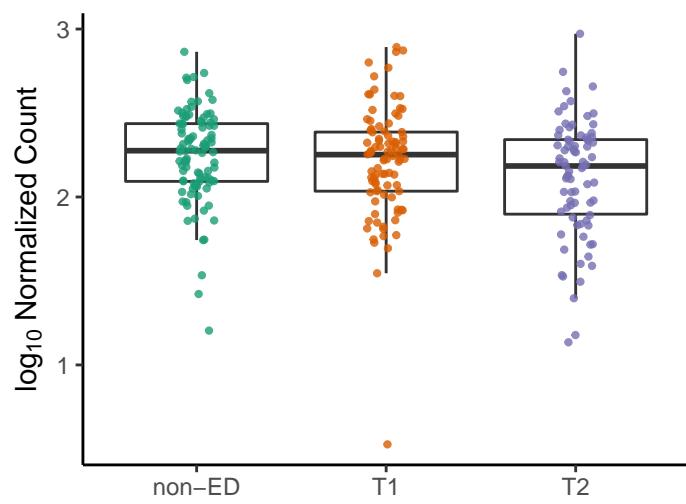
### Candidatus Sulcia muelleri

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.64



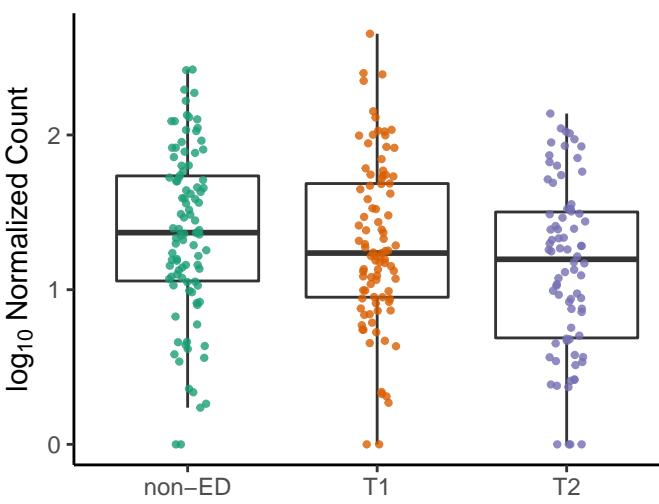
### *Legionella pneumophila*

non-ED vs. T1 adjusted p = 0.56  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.48



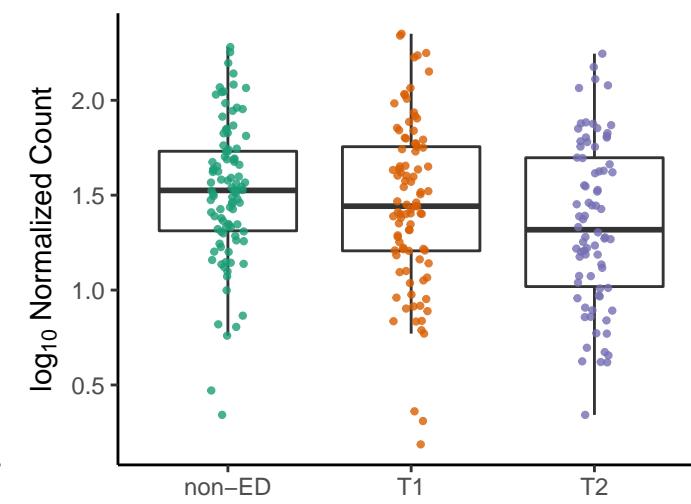
### *Mycoplasma felis*

non-ED vs. T1 adjusted p = 0.5  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.56



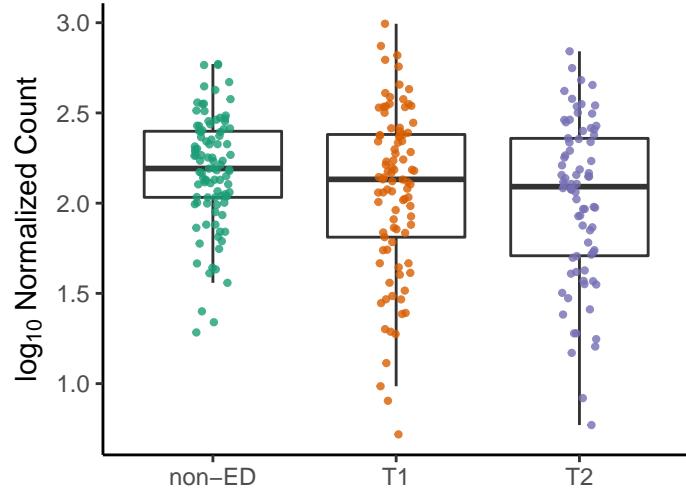
### *Corynebacterium kutscheri*

non-ED vs. T1 adjusted p = 0.37  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.7



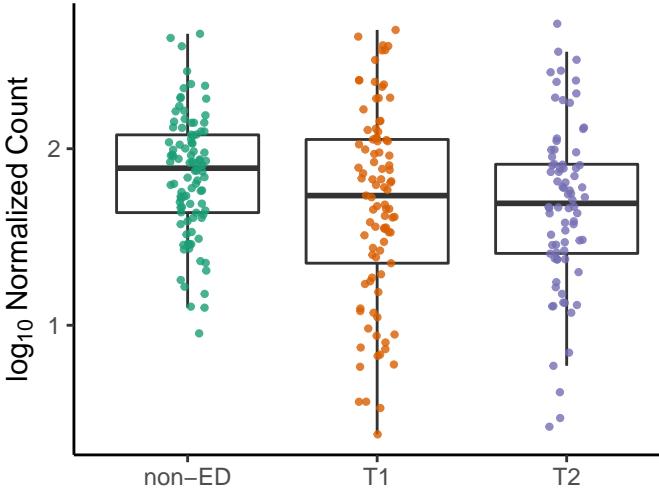
### *Granulicella sp. WH15*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.9



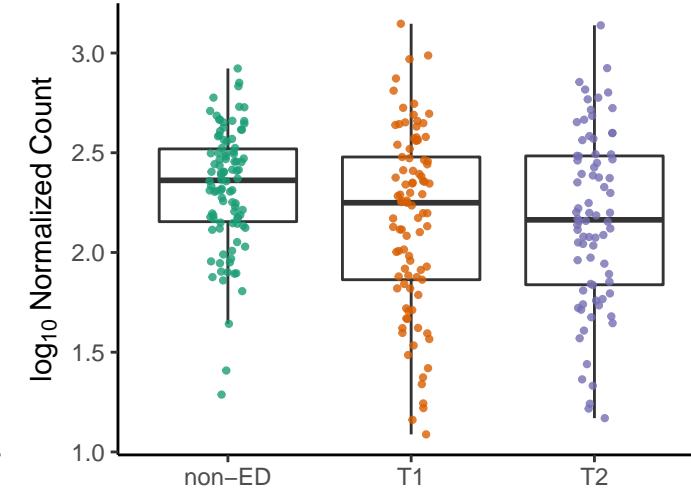
### *Pseudomonas sp. PE08*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.95



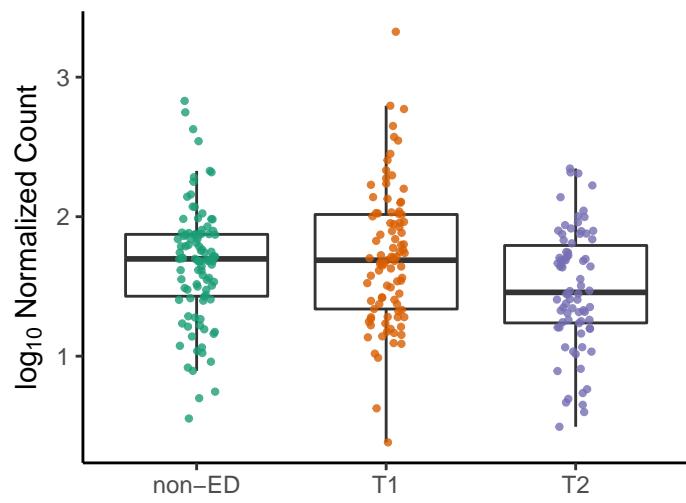
### *Actinoplanes friuliensis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.86



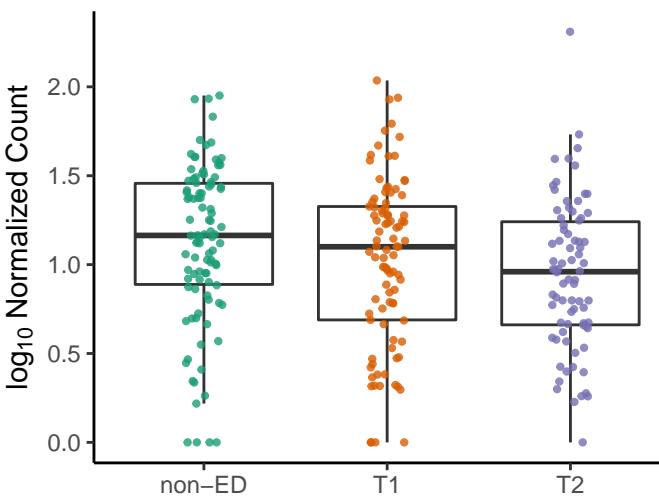
### *Kosakonia arachidis*

non-ED vs. T1 adjusted p = 0.57  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.27



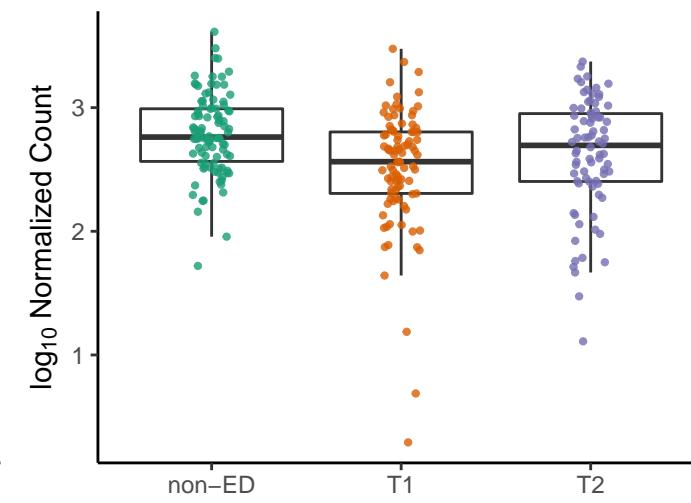
### *Aciduliprofundum boonei*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.84



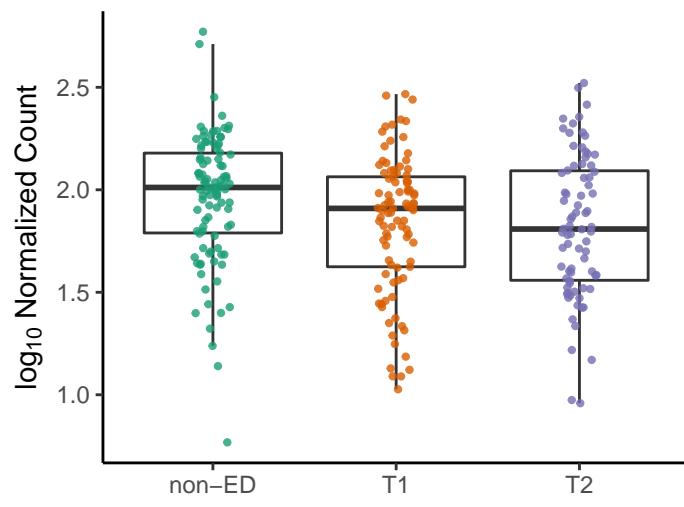
### *Bifidobacterium pseudolongum*

non-ED vs. T1 adjusted p = 0.00052  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.51



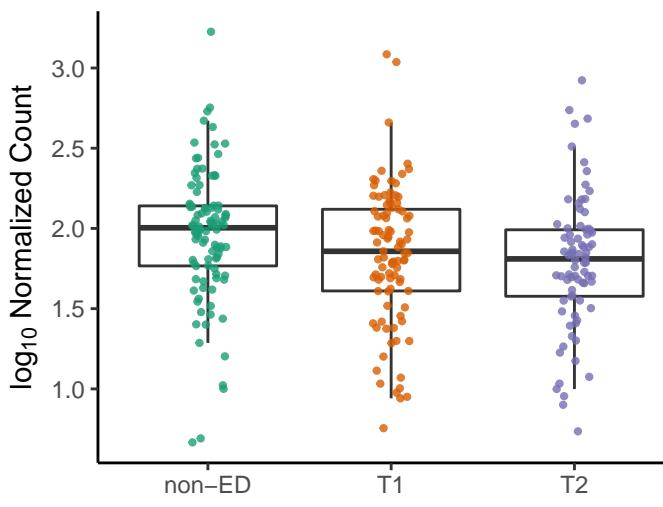
### *Serratia* sp. ATCC 39006

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.95



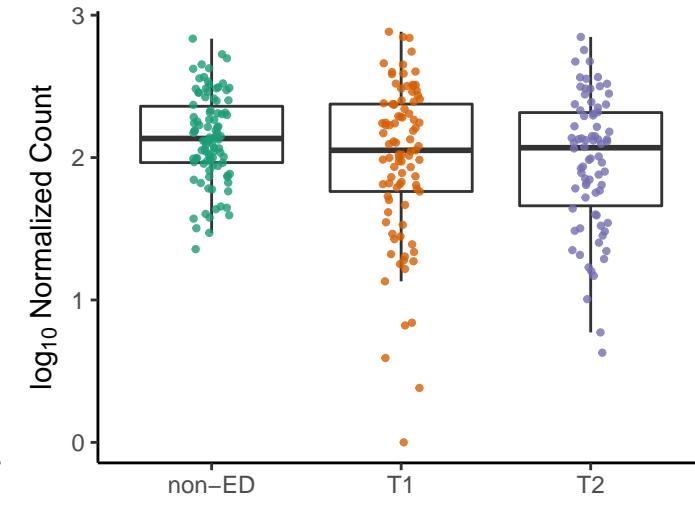
### *Vibrio campbellii*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.77



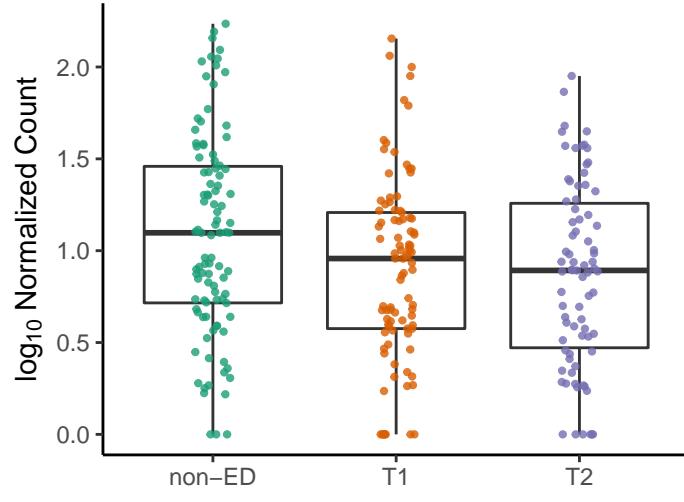
### *Bordetella bronchialis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



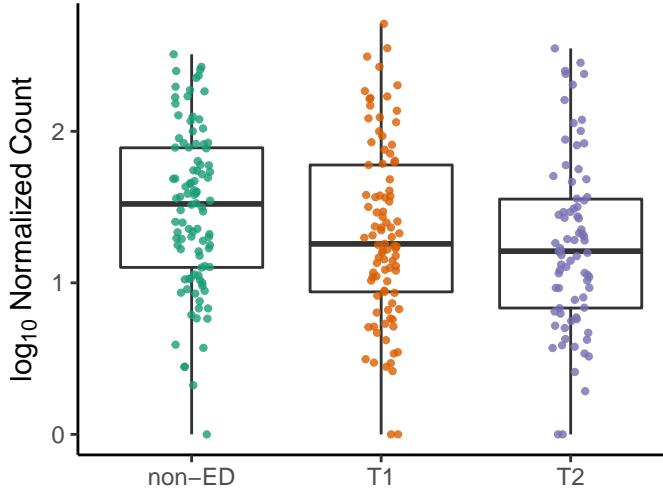
### Unclassified Pelosinus Genus

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



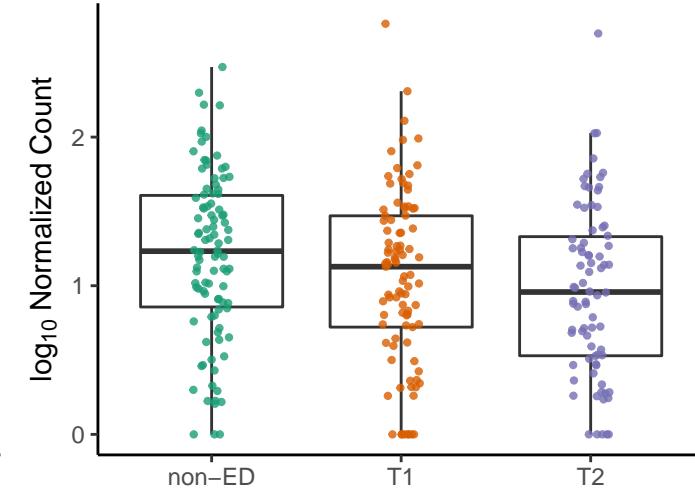
### Unclassified Tenericutes Phylum

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.73



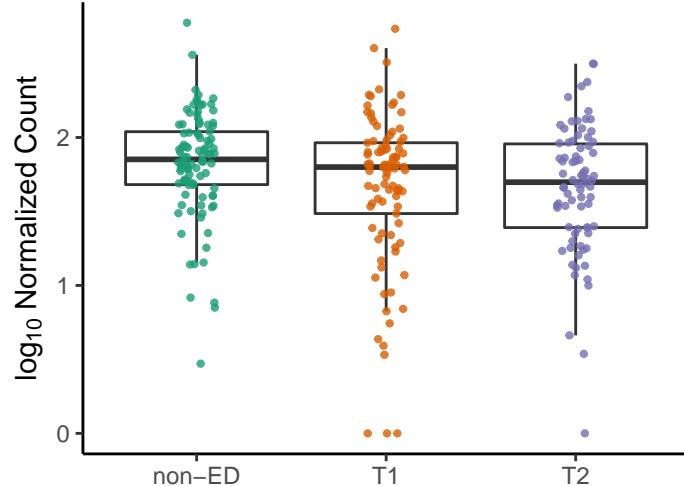
### *Mycoplasma hyosynoviae*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.7



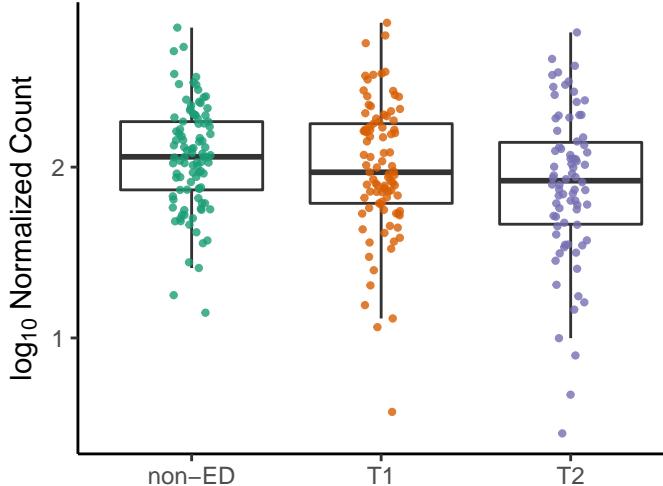
### *Kozakia baliensis*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



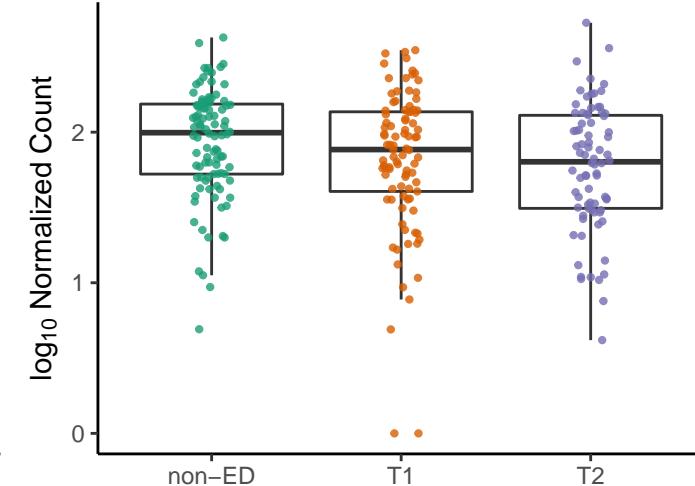
### *Gibbsiella quercinecans*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.77



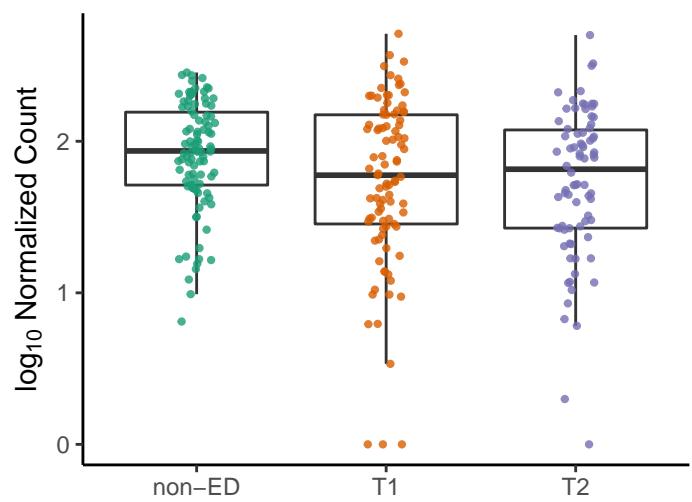
### *Bernardetia litoralis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.76



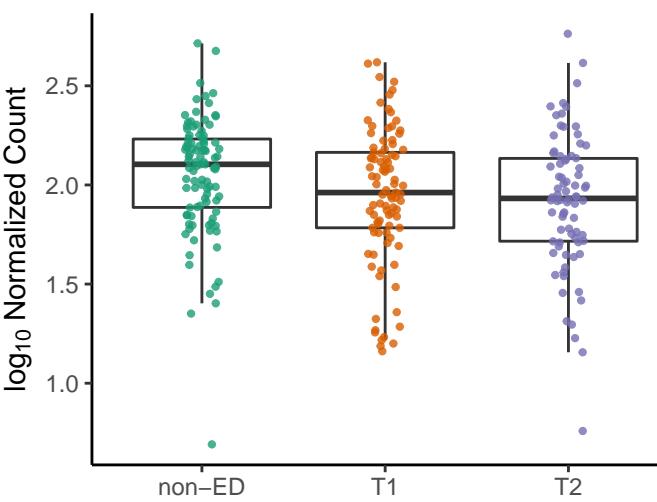
### Unclassified Caulobacteraceae Family

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.91



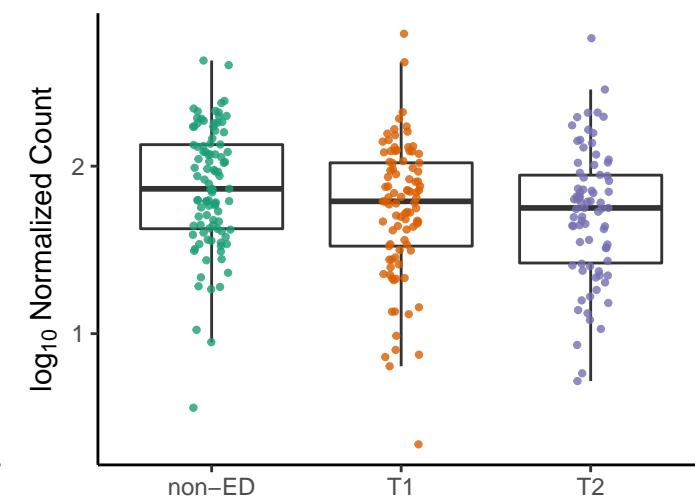
### *Alteromonas macleodii*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.93



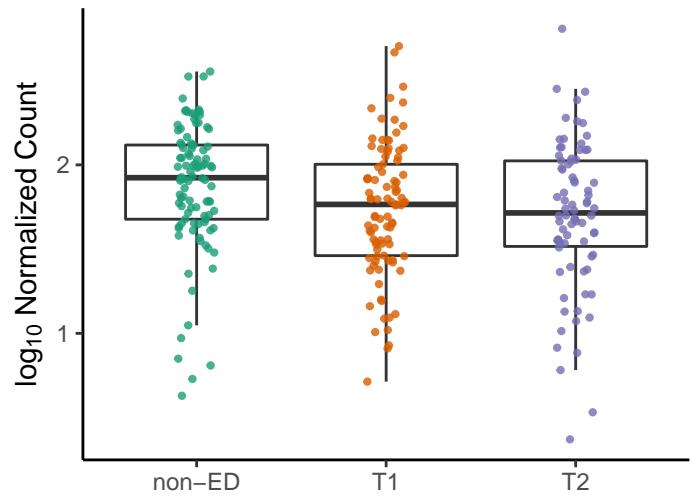
### *Anabaena cylindrica*

non-ED vs. T1 adjusted p = 0.068  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.77



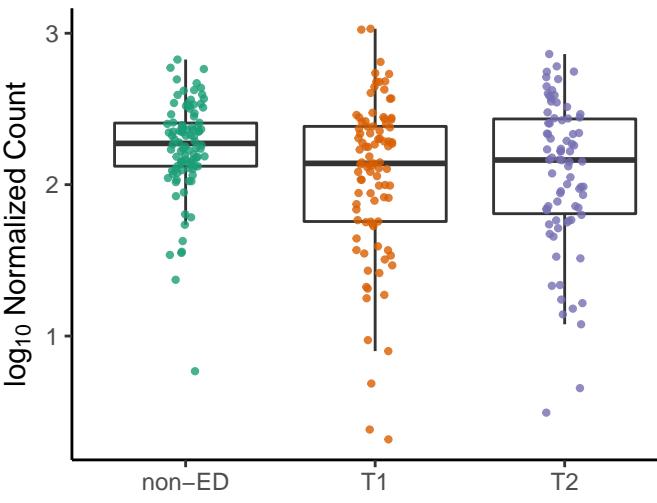
### *Cyclobacterium amurskyense*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.88



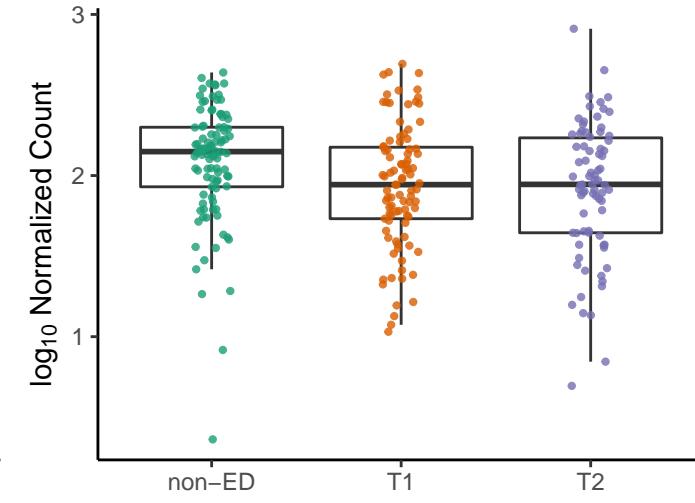
### *Deinococcus sp. AJ005*

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.87



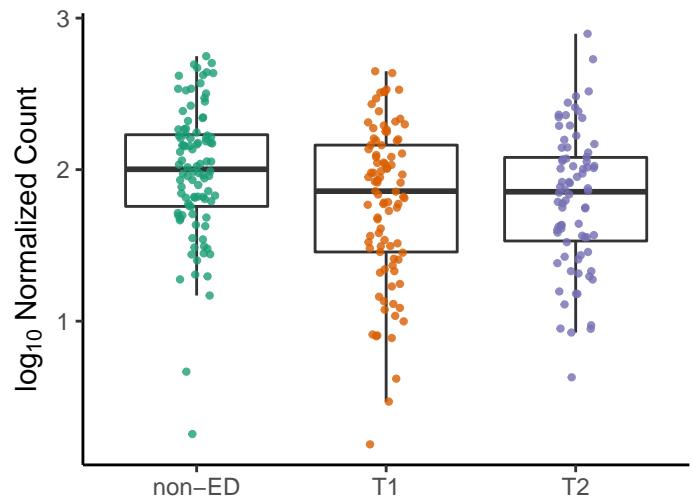
### *Parallobacillus sp. X-1125*

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.87



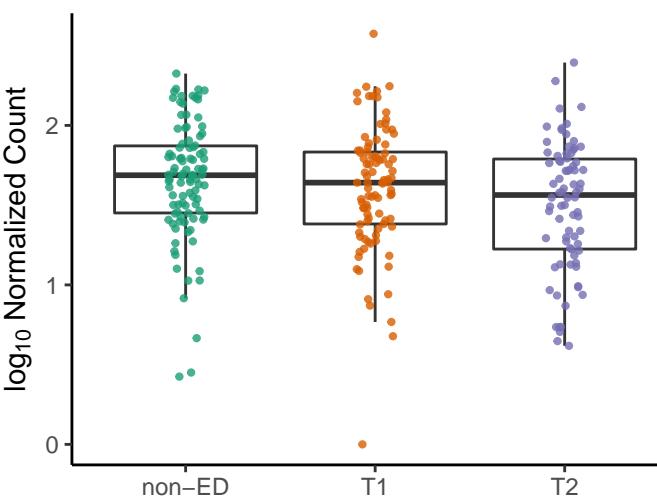
### *Sphingosinicella sp. BN140058*

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.8



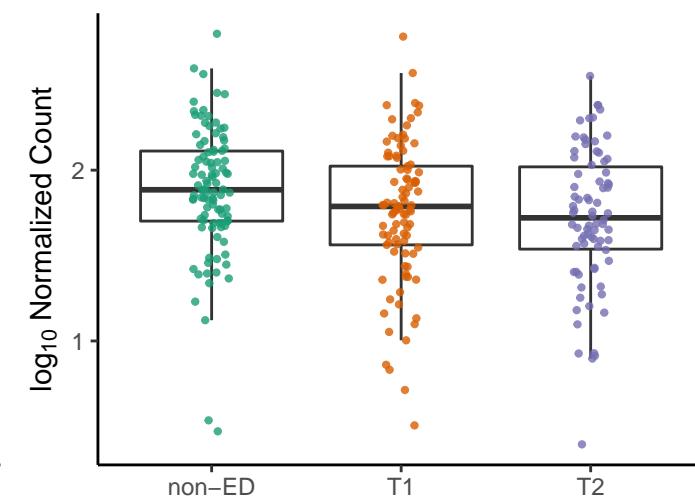
### Unclassified Erwiniaceae Family

non-ED vs. T1 adjusted p = 0.46  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.7



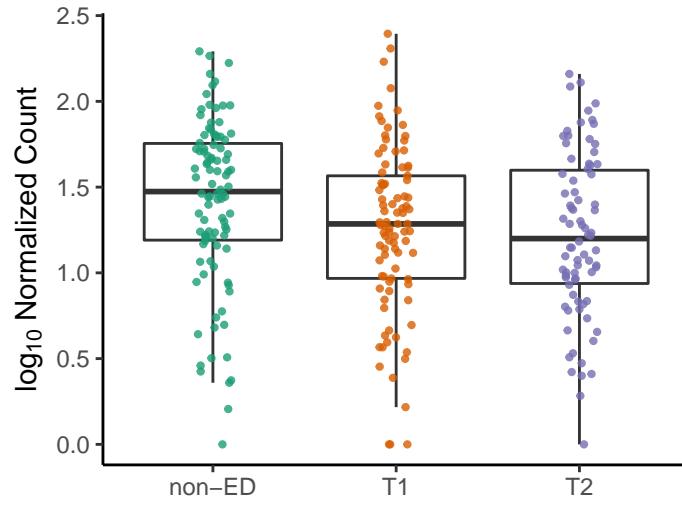
### *Aggregatibacter actinomycetemcomitans*

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.82



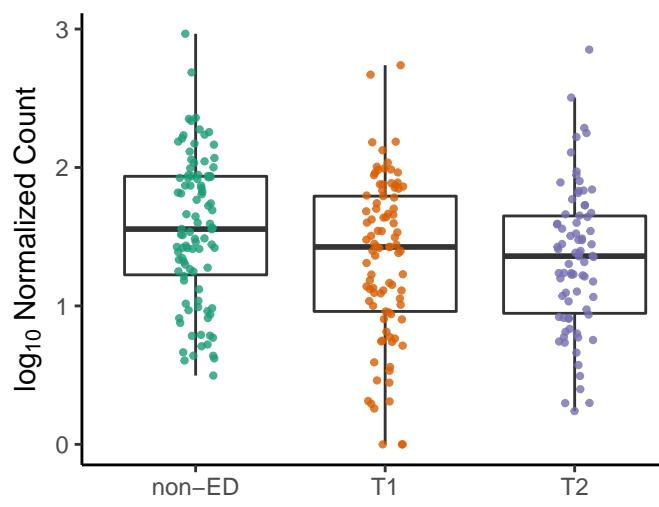
### Orientia tsutsugamushi

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.84



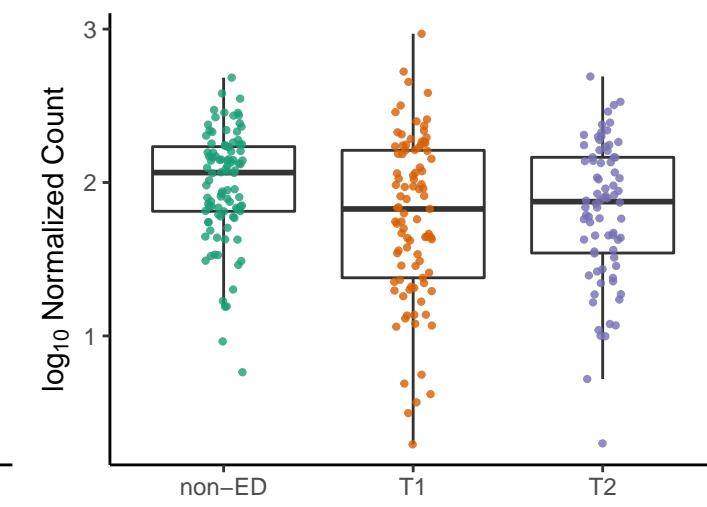
### Pseudomonas poae

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.98



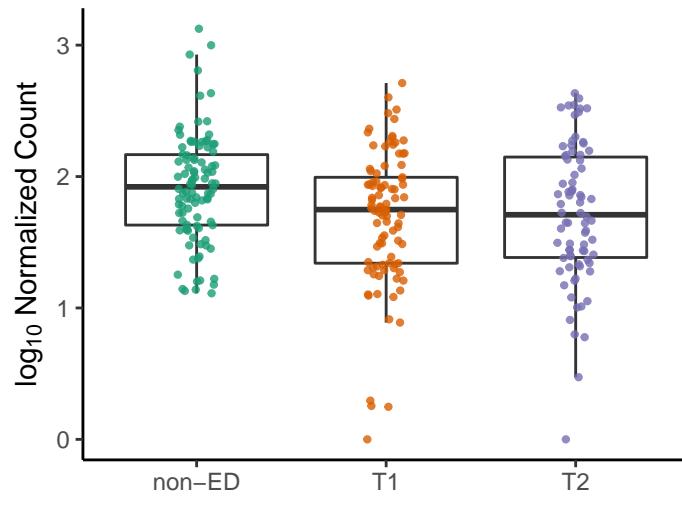
### Microbacterium aurum

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.74



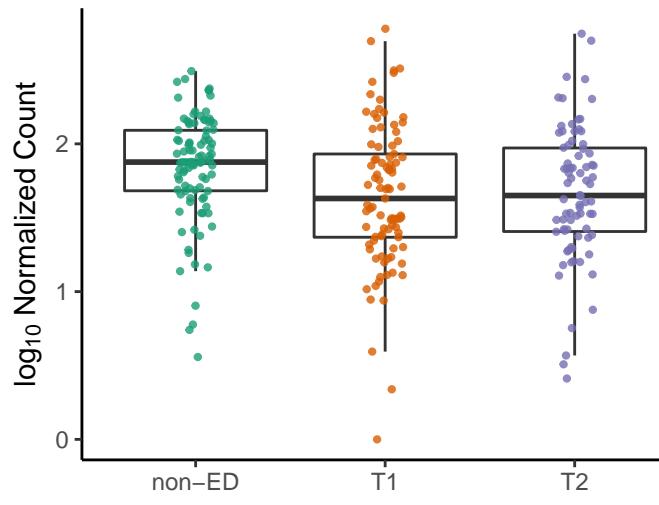
### Corynebacterium maris

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.9



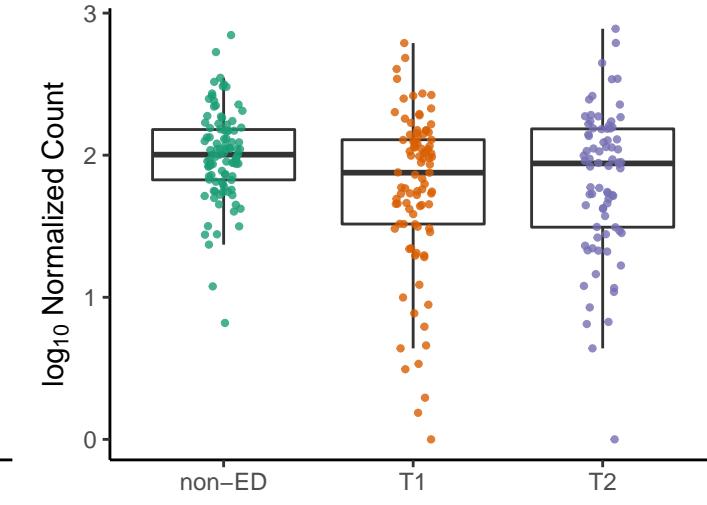
### Jeotgalibaca arthritidis

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.93



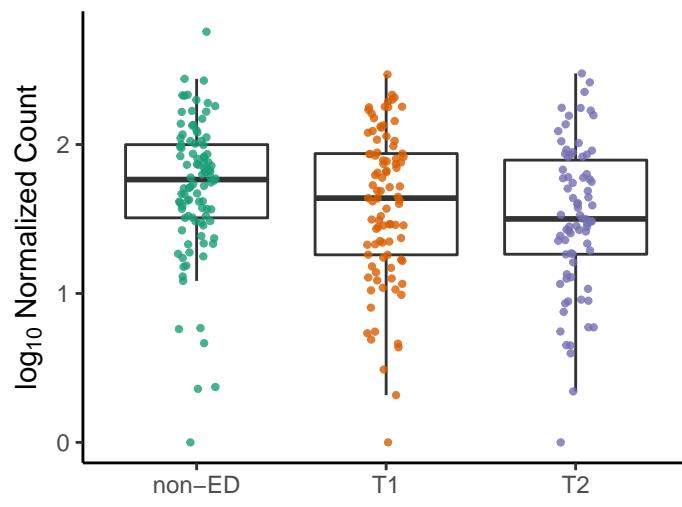
### Neisseria animalis

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.67



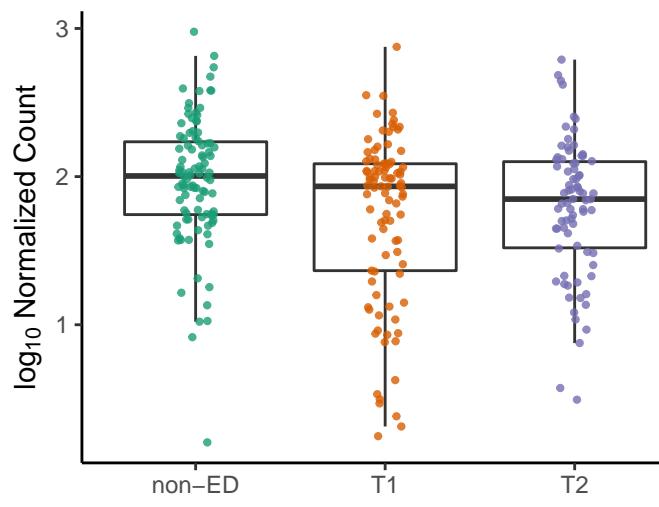
### Unclassified Fervidobacterium Genus

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.68



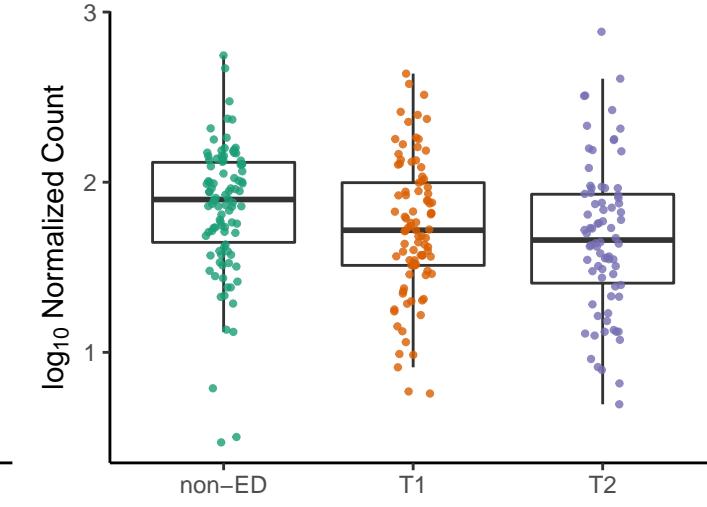
### Vitreoscilla filiformis

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.77



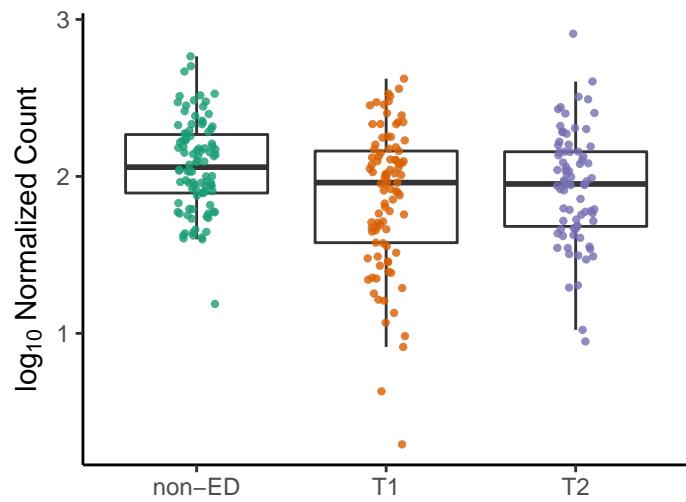
### Lactobacillus allii

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.84



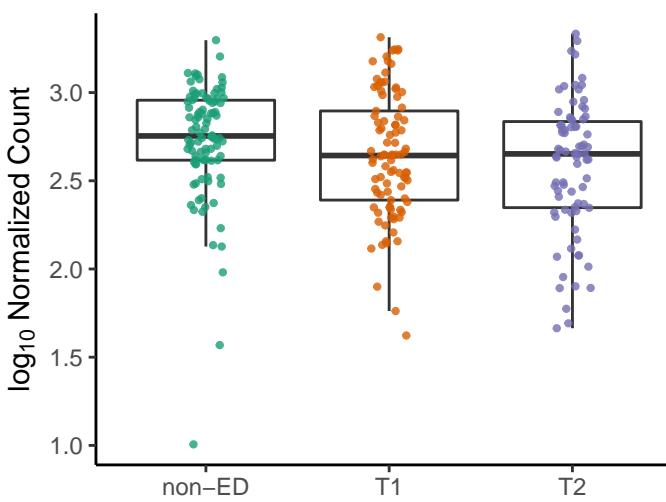
### Paraburkholderia sp. 7Q-K02

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.7



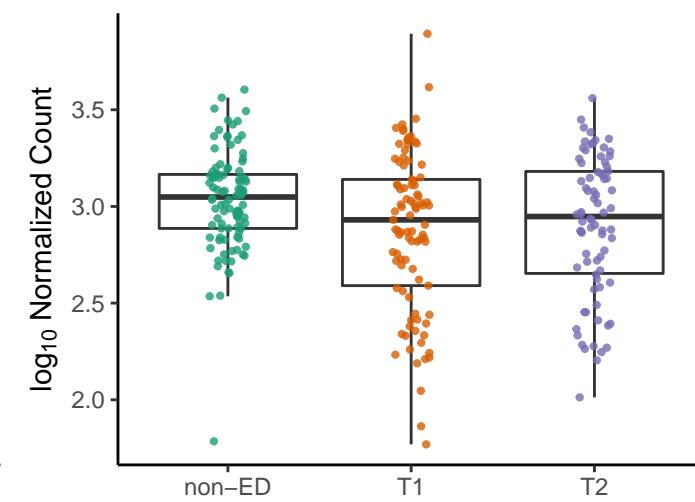
### Clostridium sp. DL-VIII

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.7



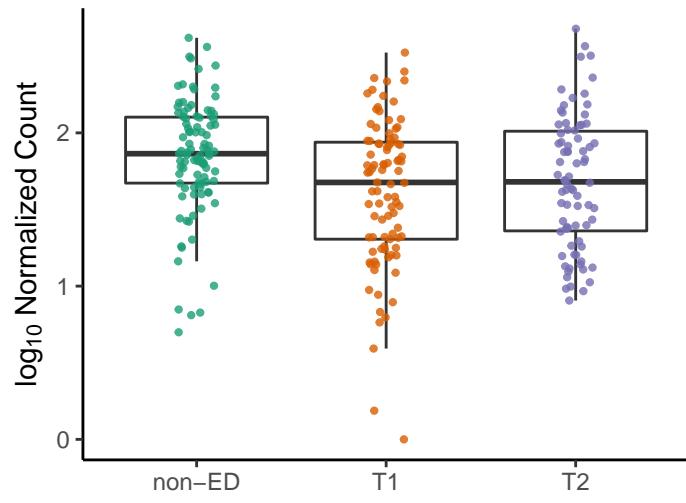
### Unclassified Mycobacteriaceae Family

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.73



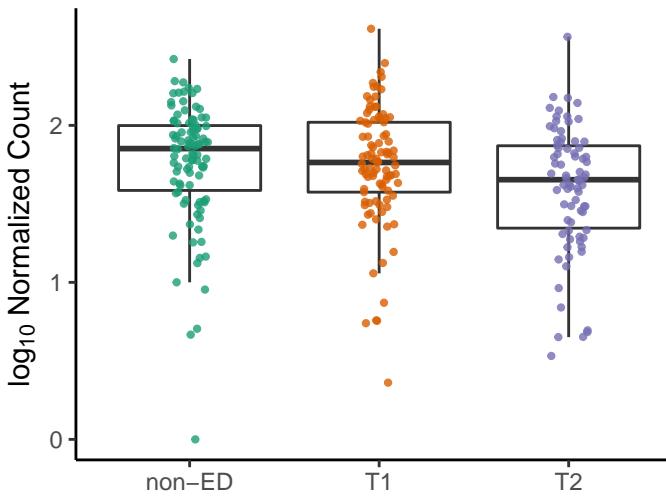
### Synechococcus sp. KORDI-49

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.65



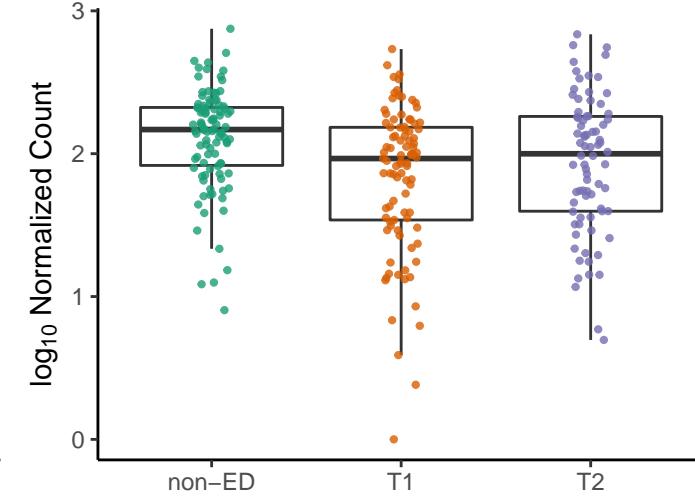
### Fabibacter pacificus

non-ED vs. T1 adjusted p = 0.81  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.22



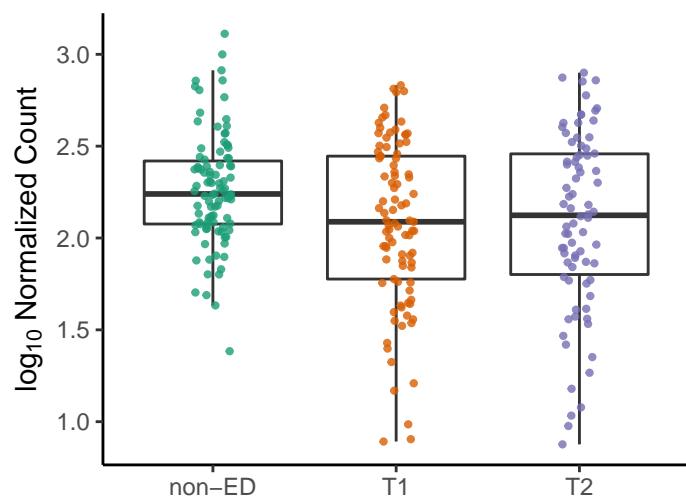
### Magnetospirillum sp. XM-1

non-ED vs. T1 adjusted p = 0.0013  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.47



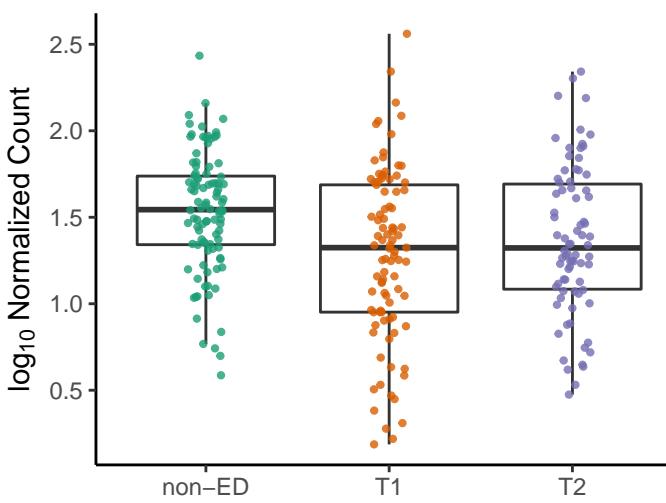
### Nissabacter sp. SGAir0207

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.77



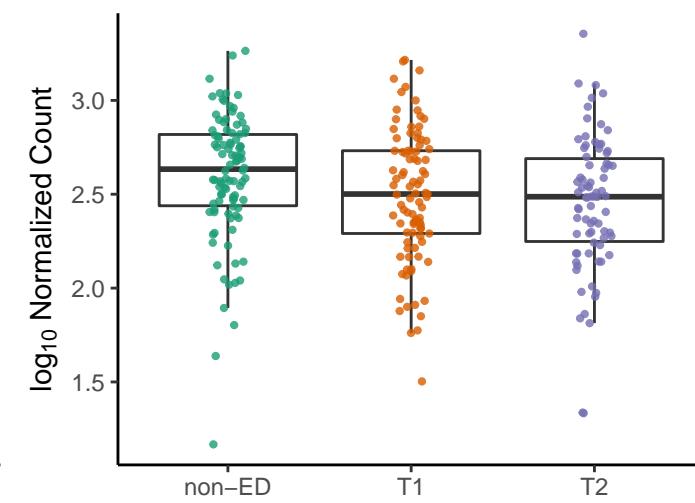
### Rhodococcus sp. WB9

non-ED vs. T1 adjusted p = 0.0027  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.61



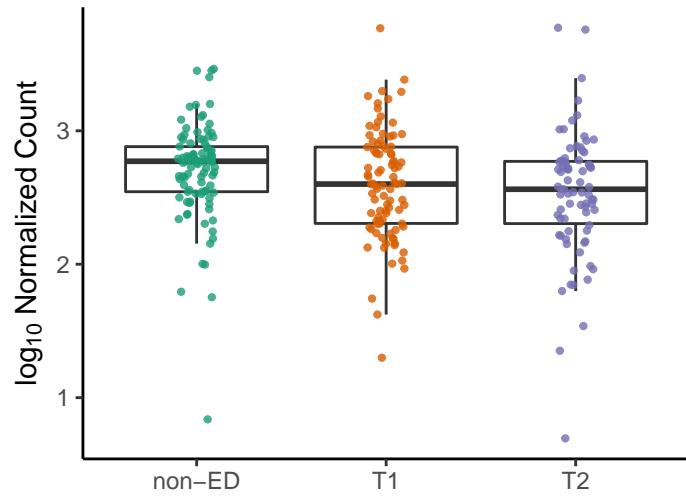
### Unclassified Thermoanaerobacter Genus

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.84



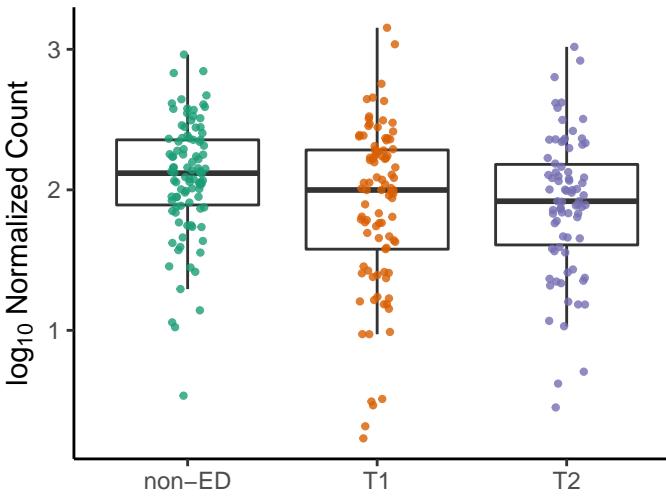
### *Finegoldia magna*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.78



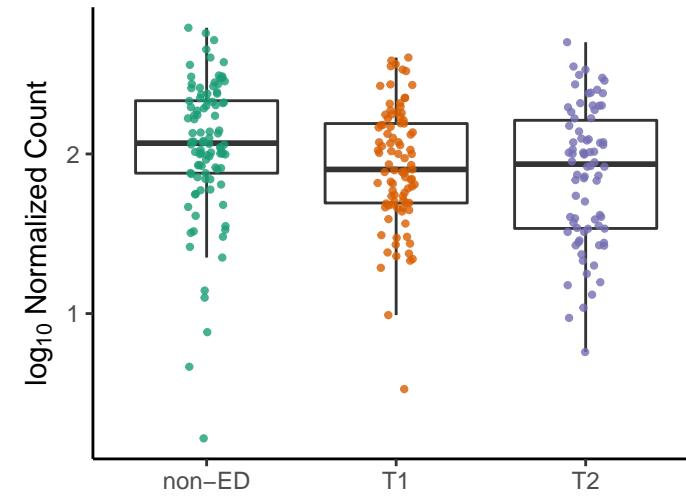
### *Actinosynnema pretiosum*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.89



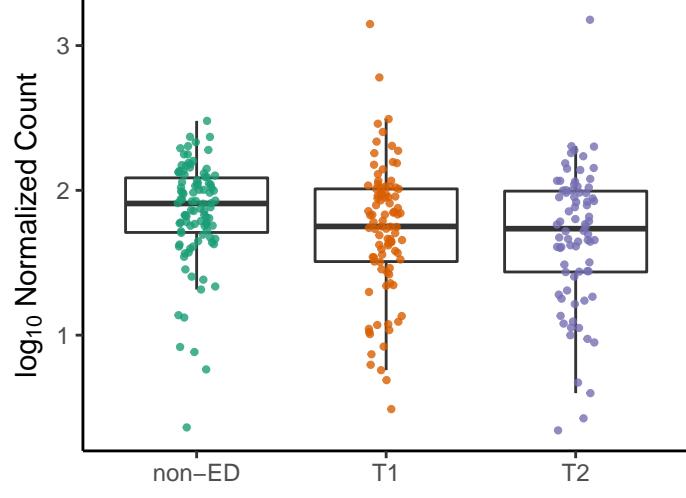
### *Halobacteroides halobius*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.76



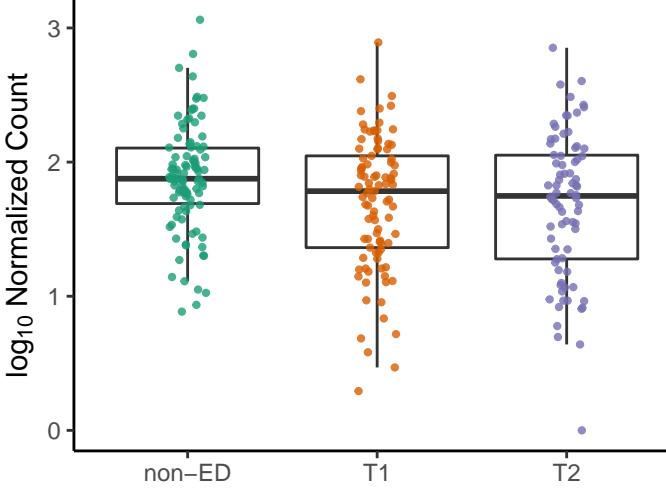
### *Flavobacterium pallidum*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



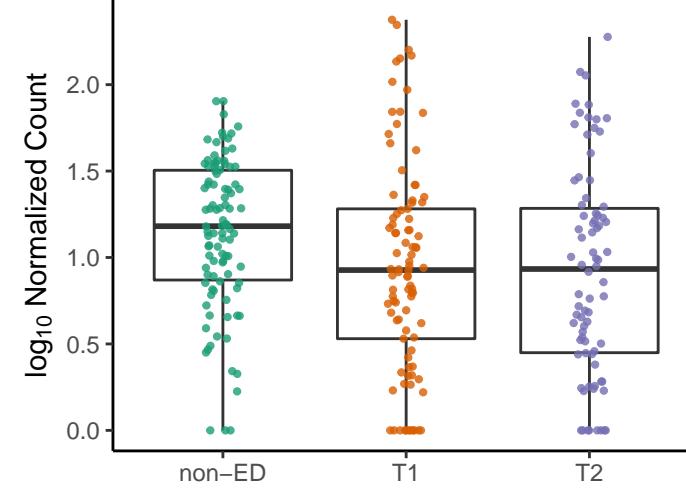
### *Mycobacterium sp. DL90*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.97



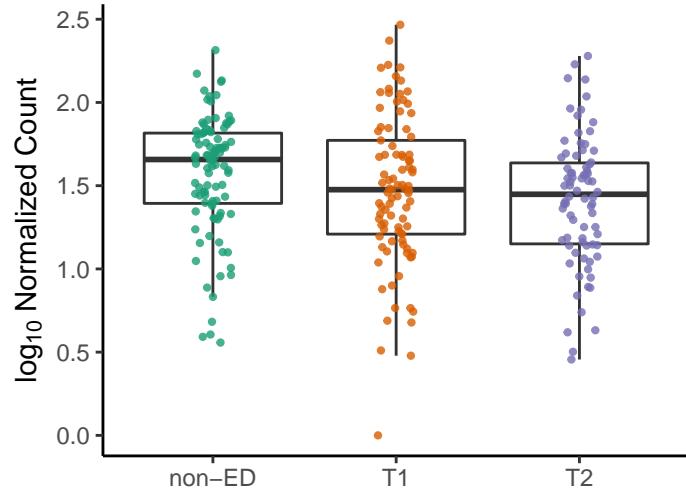
### *Chlamydia felis*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.79



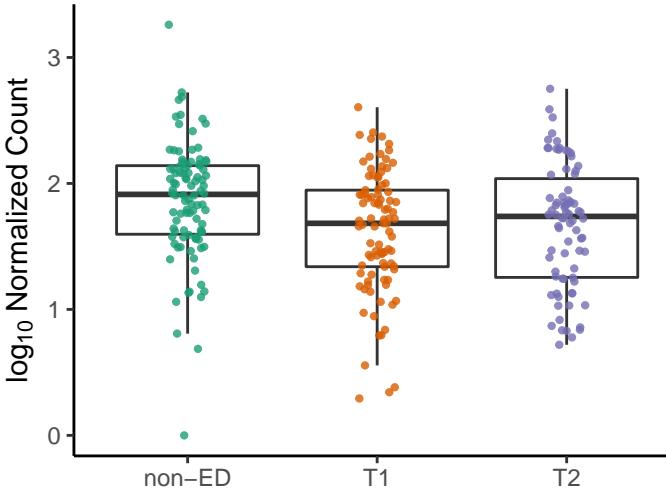
### *Anabaenopsis circularis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.79



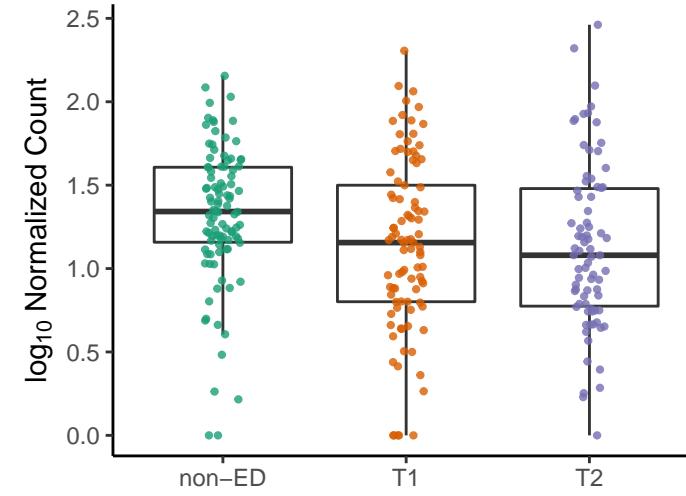
### *Corynebacterium renale*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.74



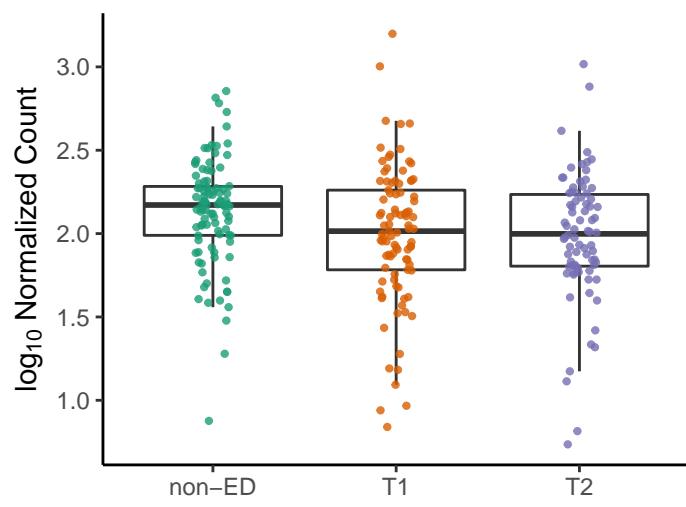
### *Borrelia turcica*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



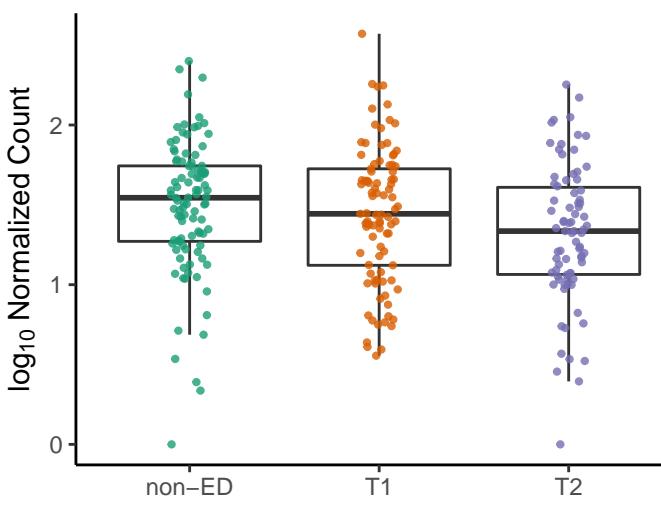
### *Denitrovibrio acetiphilus*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.98



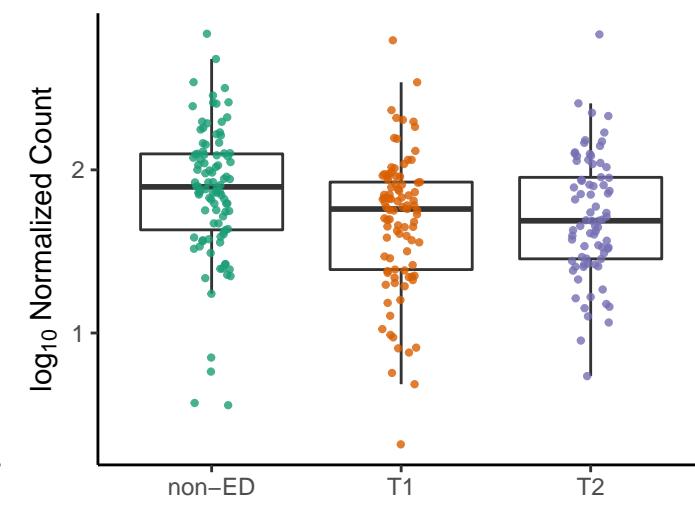
### *Lactobacillus lindneri*

non-ED vs. T1 adjusted p = 0.5  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.63



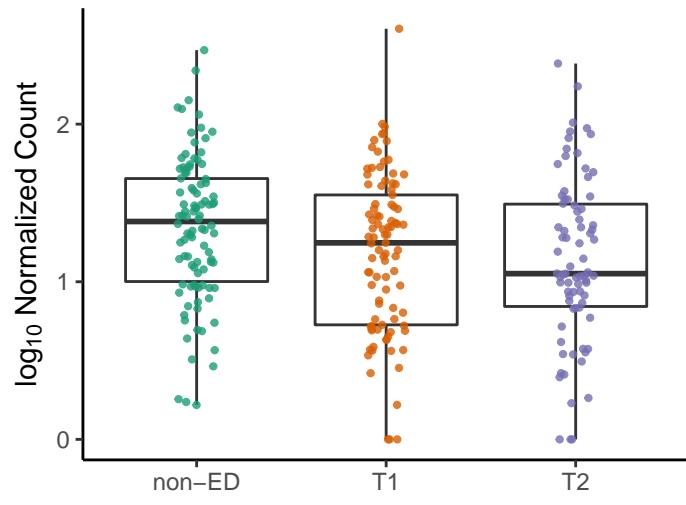
### *Methanosaicina siciliae*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.73



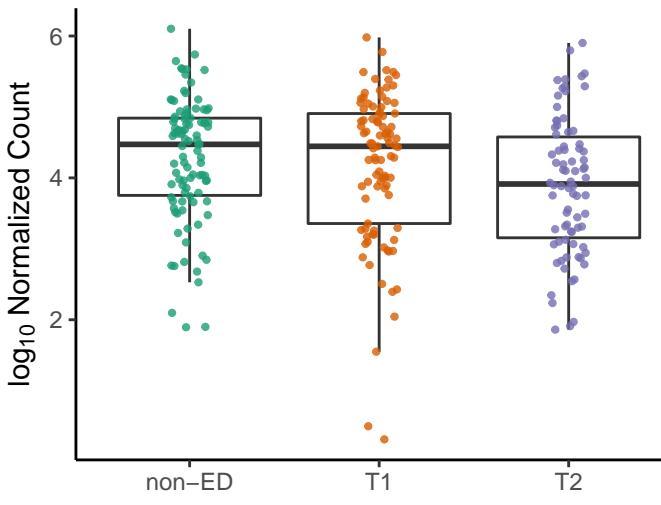
### *Pseudomonas amygdali*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



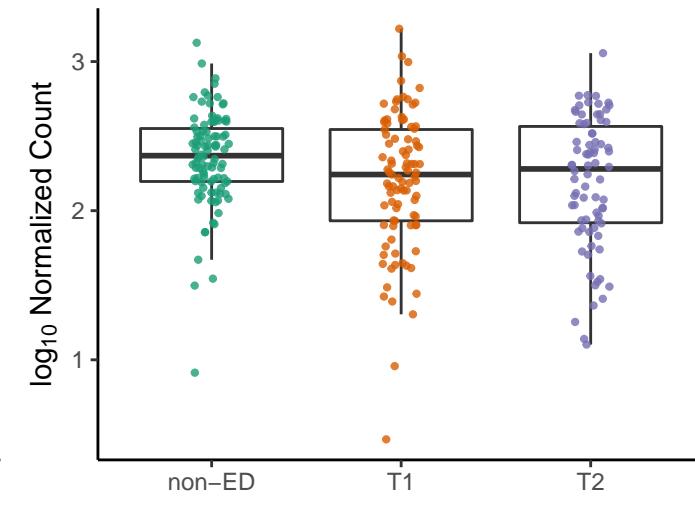
### *Alistipes finegoldii*

non-ED vs. T1 adjusted p = 0.56  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.46



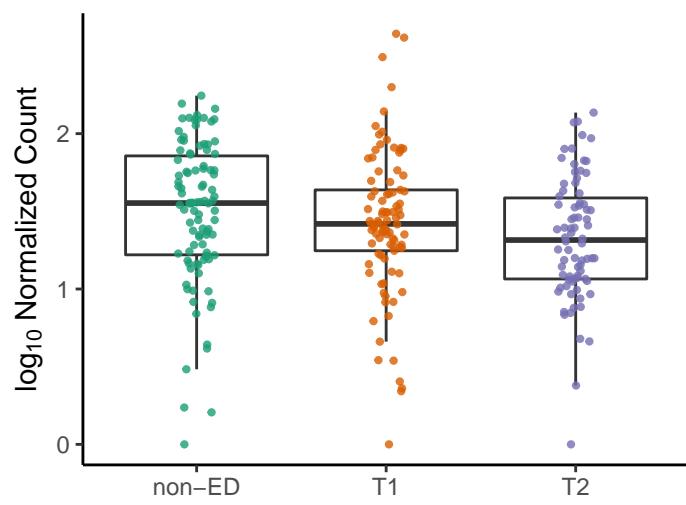
### *Opitutus terrae*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.86



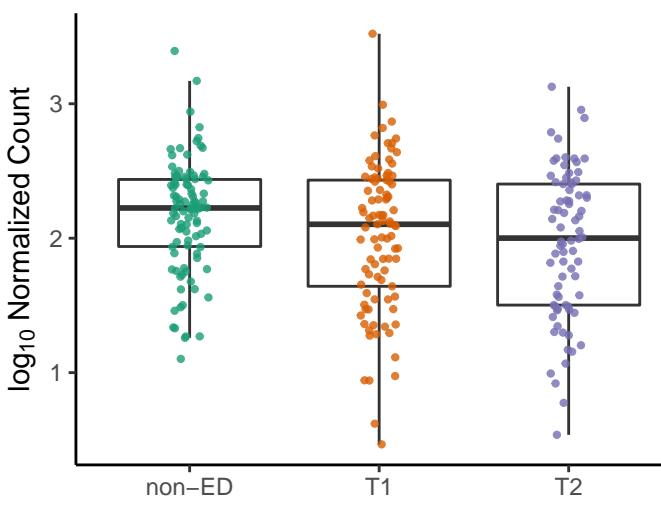
### Unclassified Blattabacterium Genus

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.36



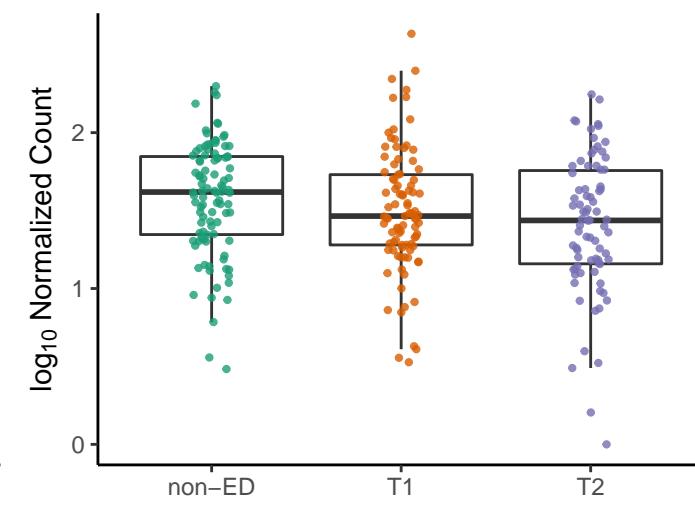
### *Halomonas sp. JS92-SW72*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 1



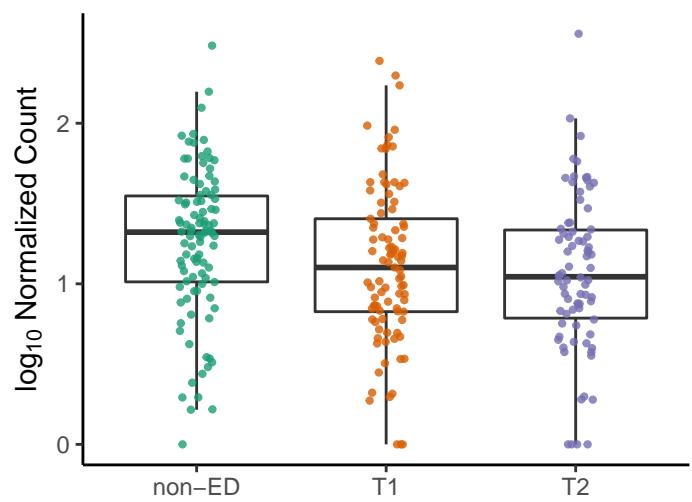
### *Lacinutrix sp. Bg11-31*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.57



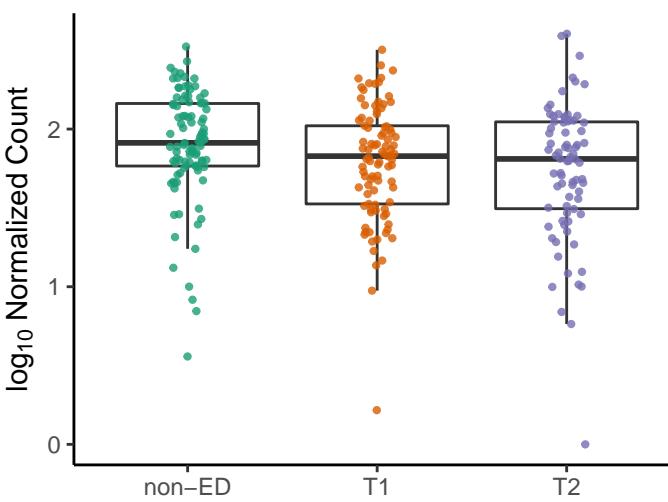
### Candidatus Pelagibacter sp. HIMB1321

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.94



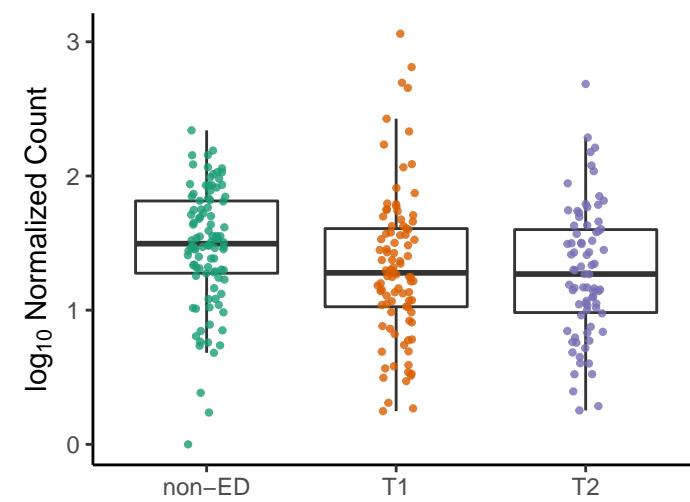
### Listeria seeligeri

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.8



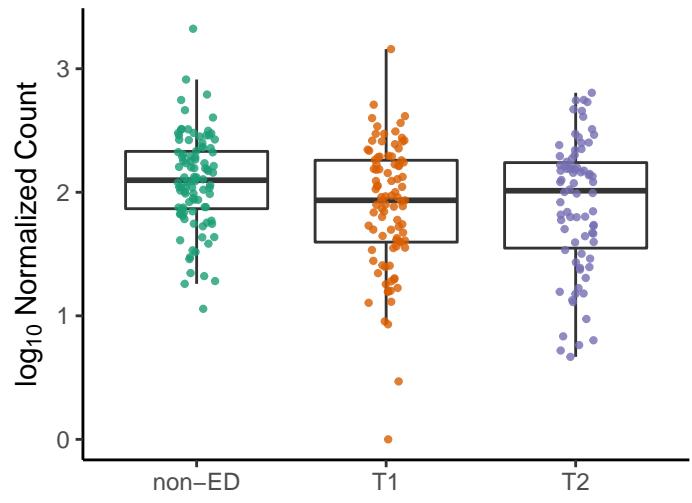
### Methanobacterium lacus

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.94



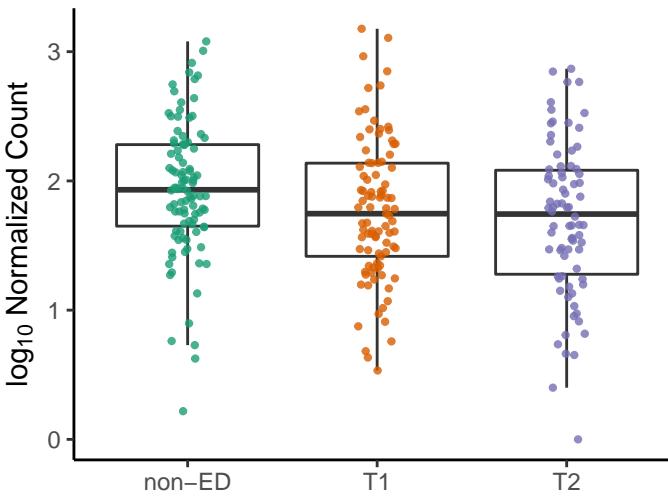
### Aeromicrobium erythreum

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.83



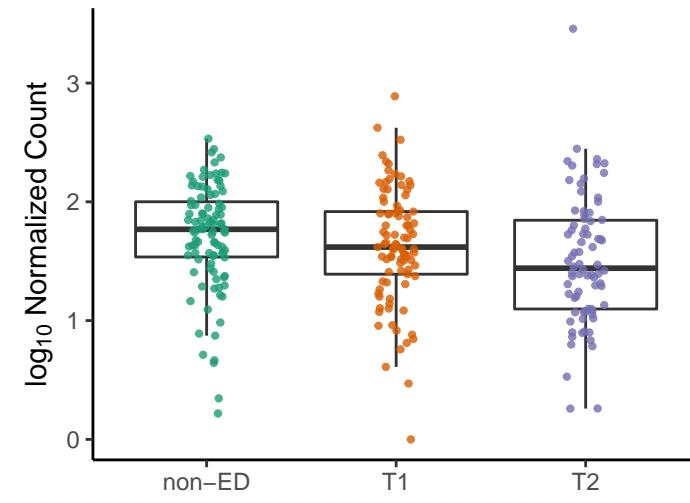
### Streptococcus infantarius

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



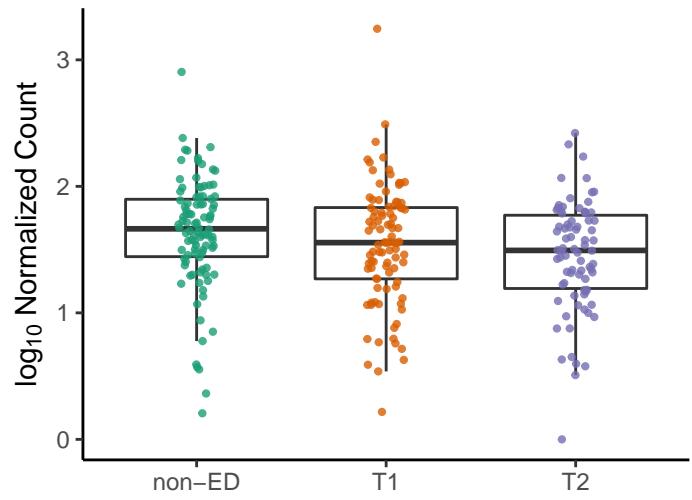
### Polaribacter sp. ALD11

non-ED vs. T1 adjusted p = 0.37  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.63



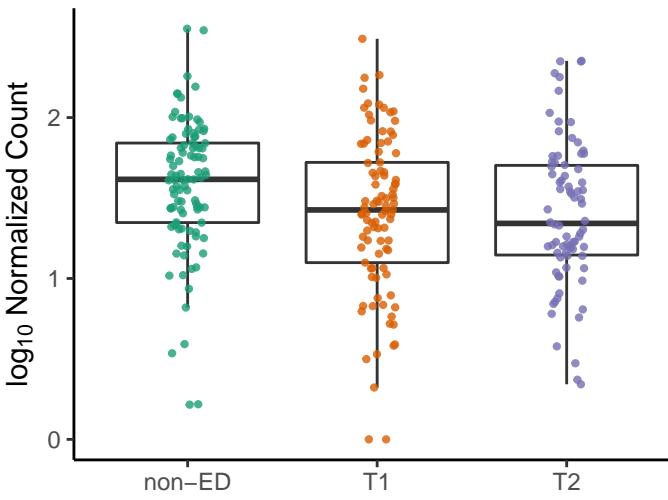
### Lactobacillus kullabergensis

non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.73



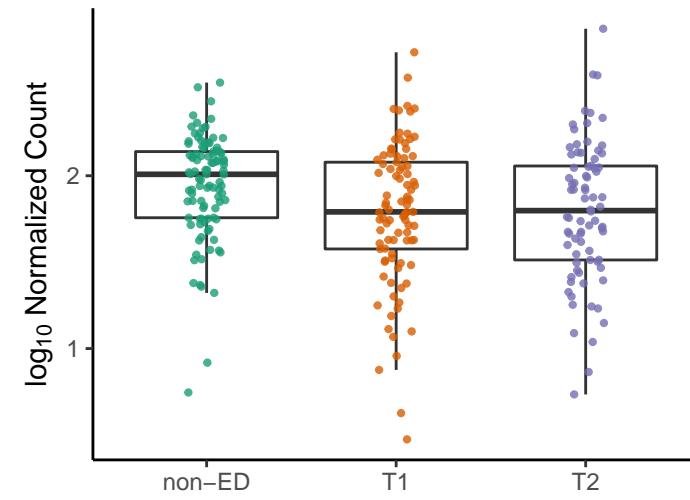
### Legionella longbeachae

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.94



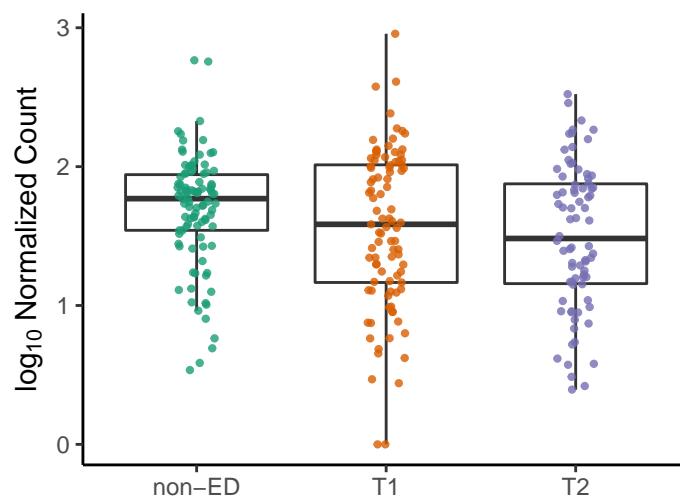
### Rhizobium favelukesii

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.77



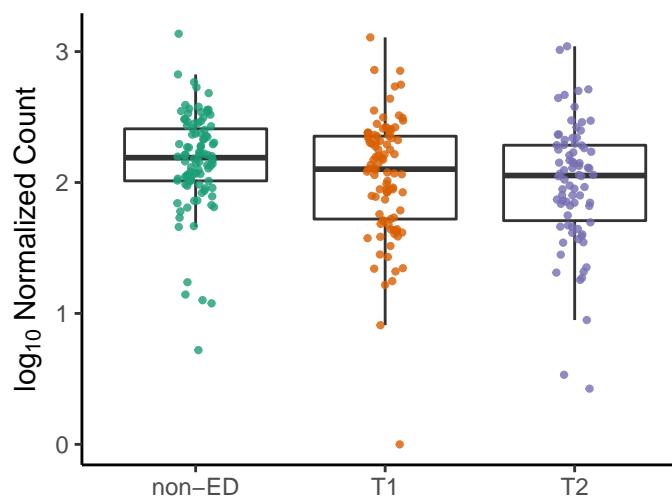
### Pandoraea fibrosis

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.93



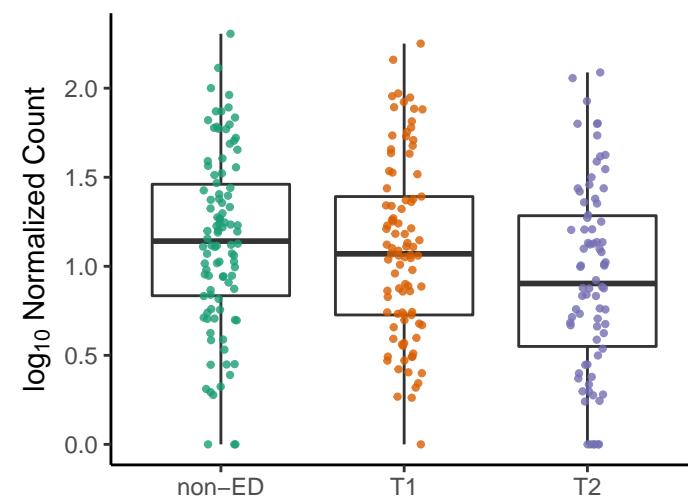
### Bacteroidales bacterium CF

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.77



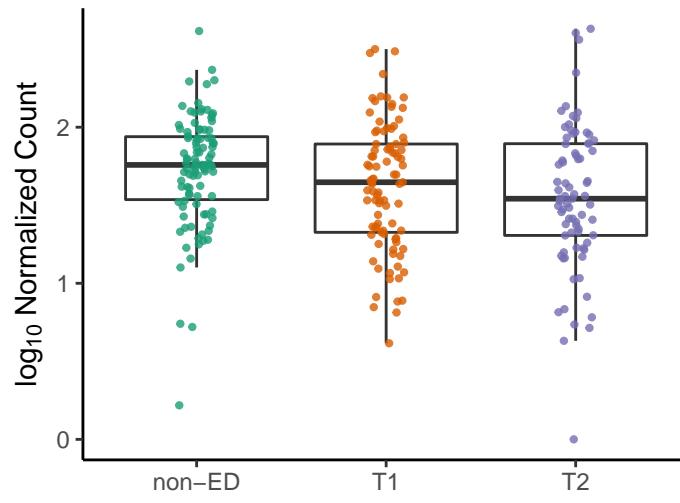
### Mycoplasma orale

non-ED vs. T1 adjusted p = 0.64  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.56



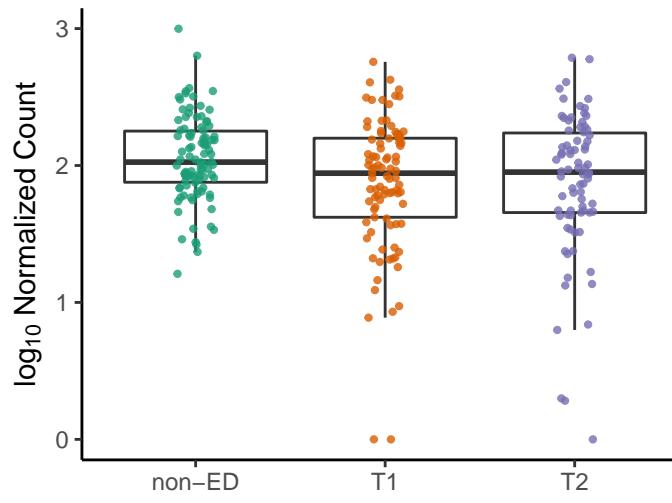
### Weissella ceti

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.76



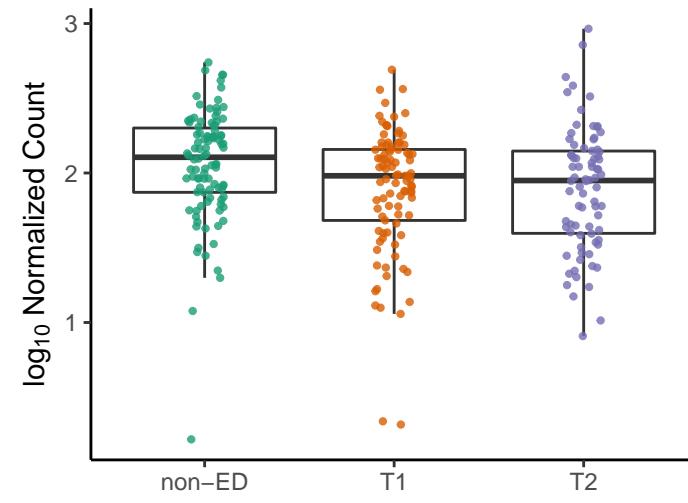
### Sphingobium sp. EP60837

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.9



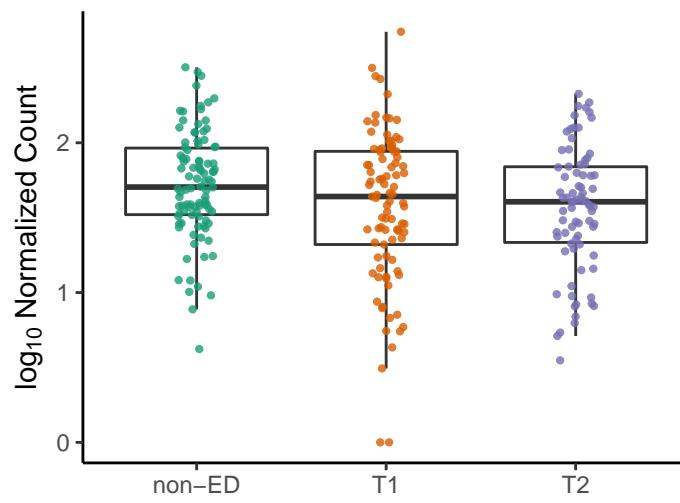
### Pontibacillus sp. HMF3514

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.98



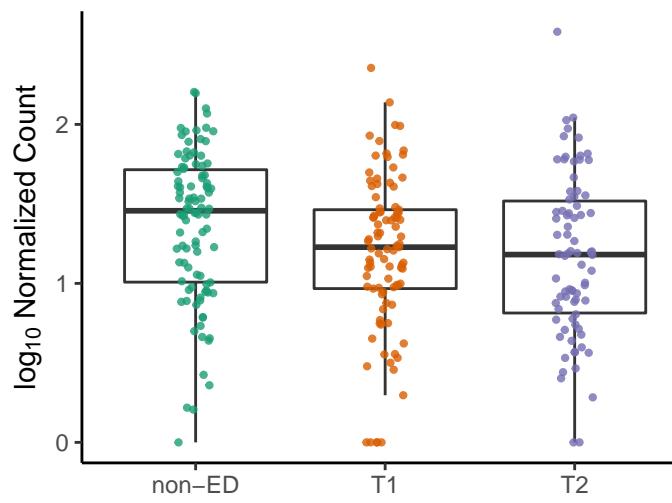
### Microbacterium sp. PM5

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.97



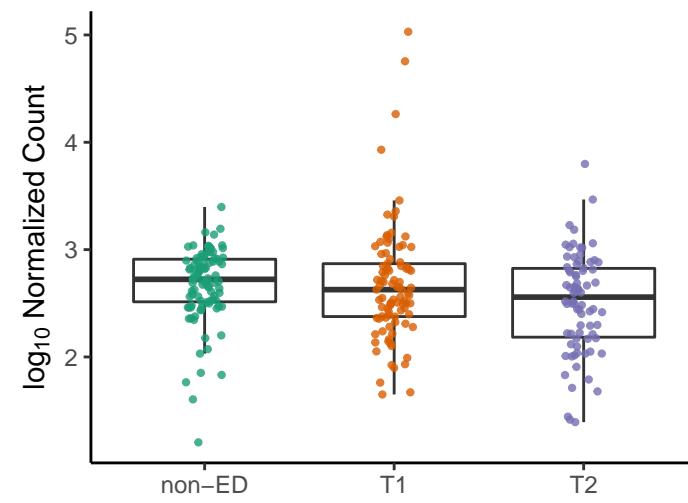
### Colwellia sp. Arc7-D

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.91



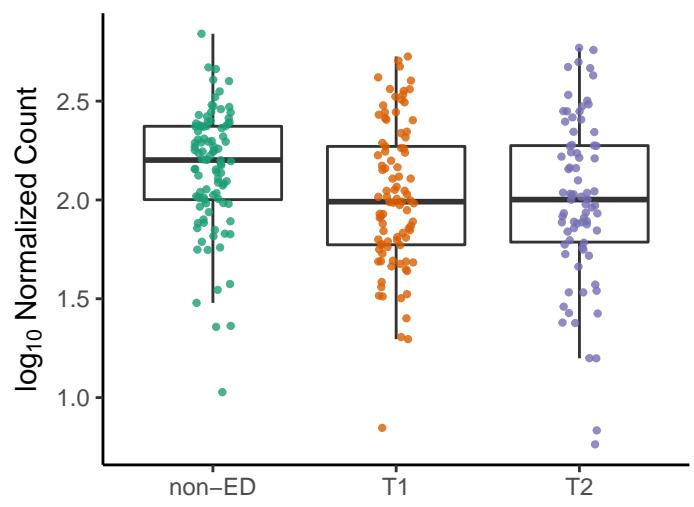
### Fusobacterium nucleatum

non-ED vs. T1 adjusted p = 0.99  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.16



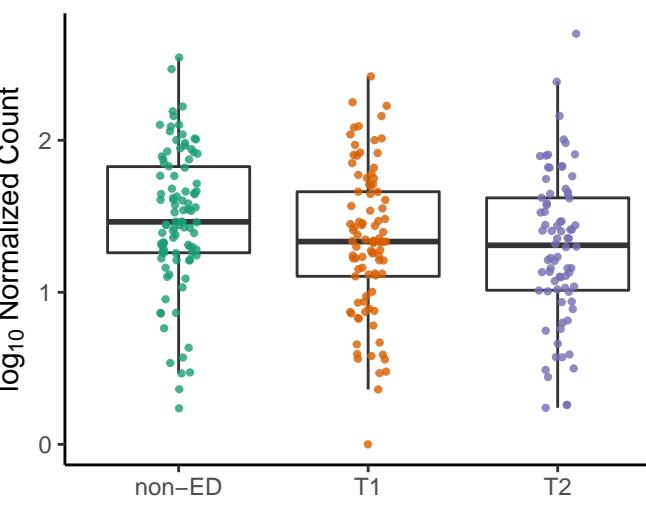
### Kurthia sp. 11kri321

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.92



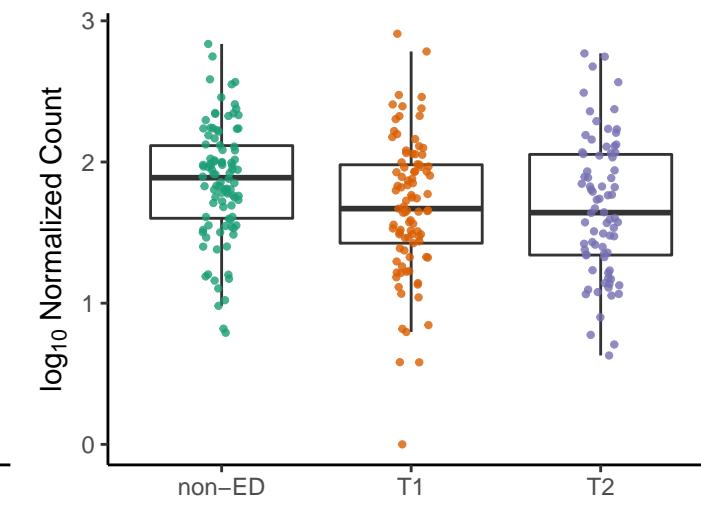
### Leptospira weili

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.97



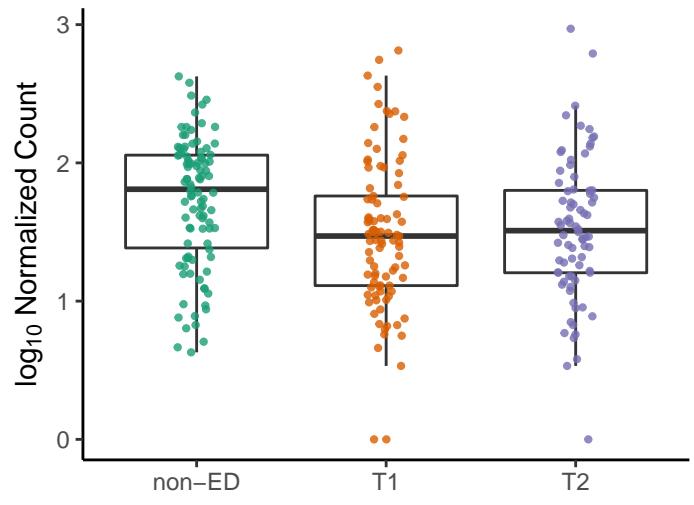
### Streptomyces violaceusniger

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.83



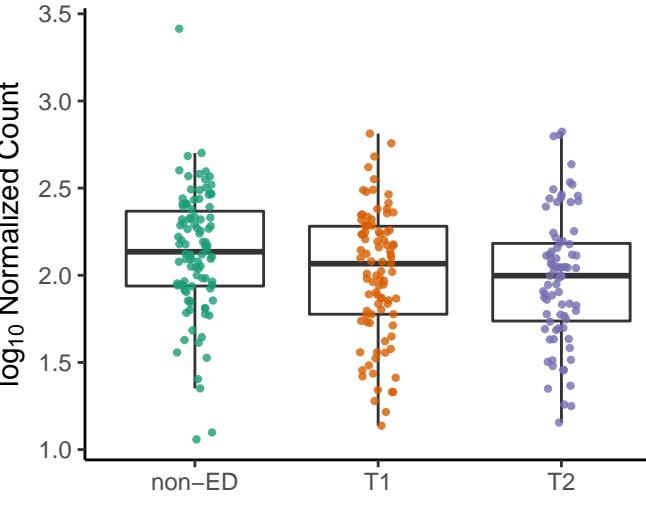
### Kazachstania naganishii

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



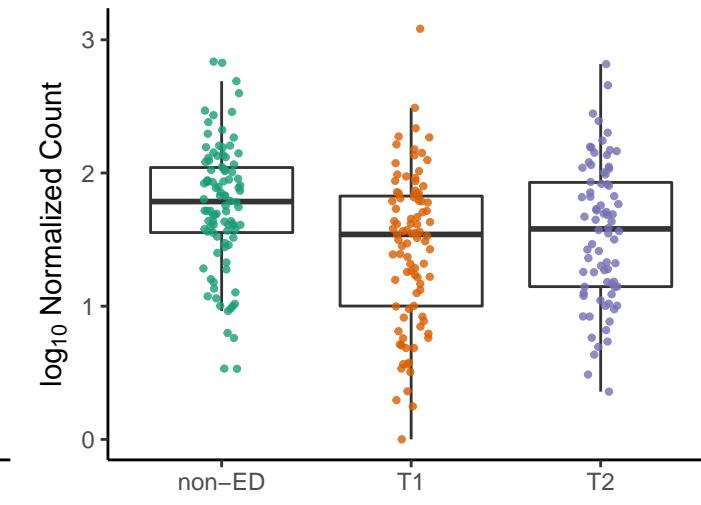
### Pseudomonas orientalis

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.98



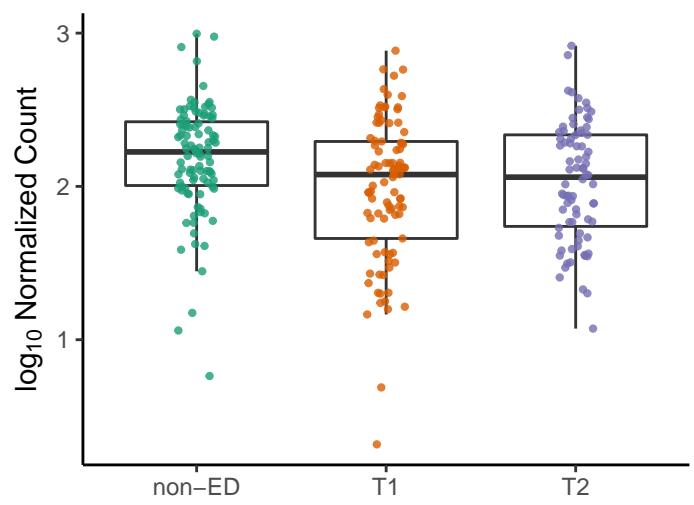
### Natronococcus occultus

non-ED vs. T1 adjusted p = 0.0015  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.45



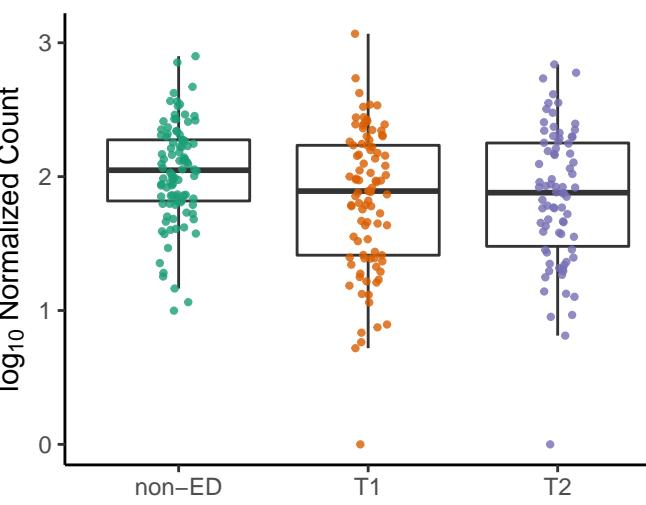
### Tessaracoccus aquimaris

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.66



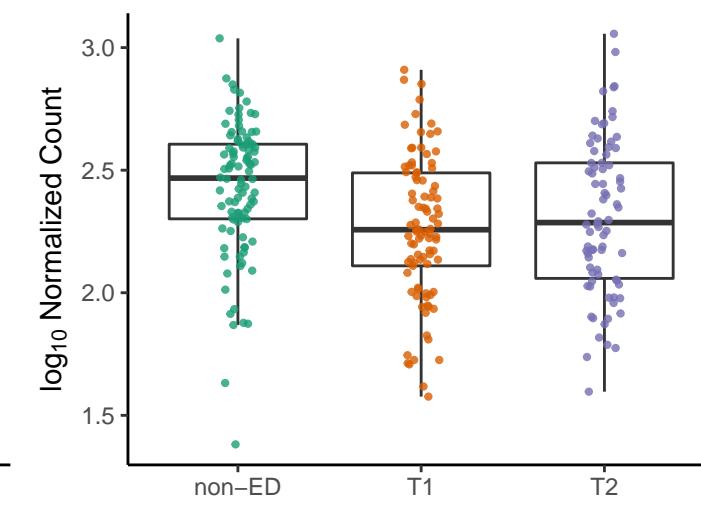
### Sanguibacter sp. HDW7

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.83



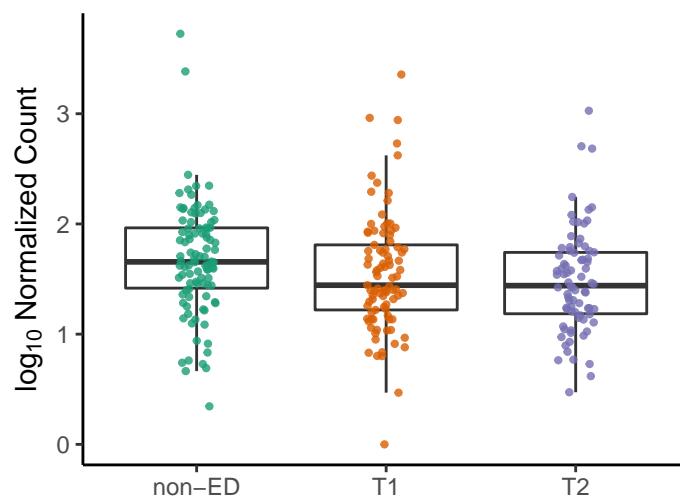
### Unclassified Pseudoalteromonas Genus

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.71



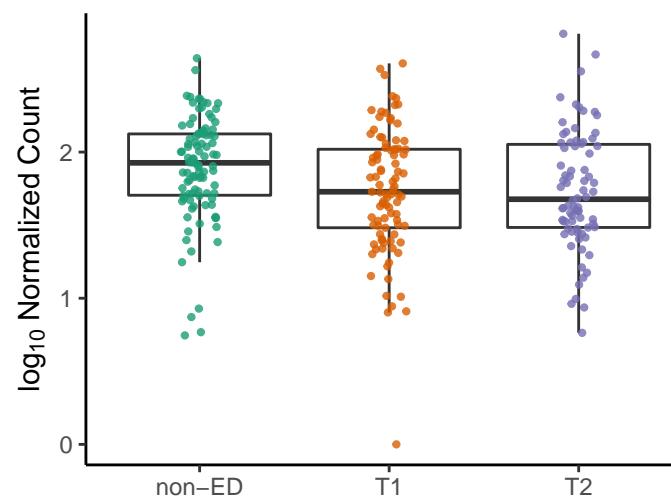
### *Methanospaera stadtmanae*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.77



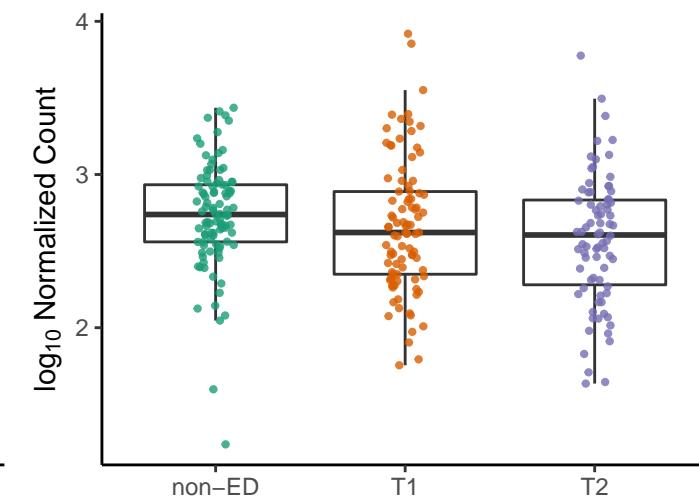
### *Spirochaeta perfilievi*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.89



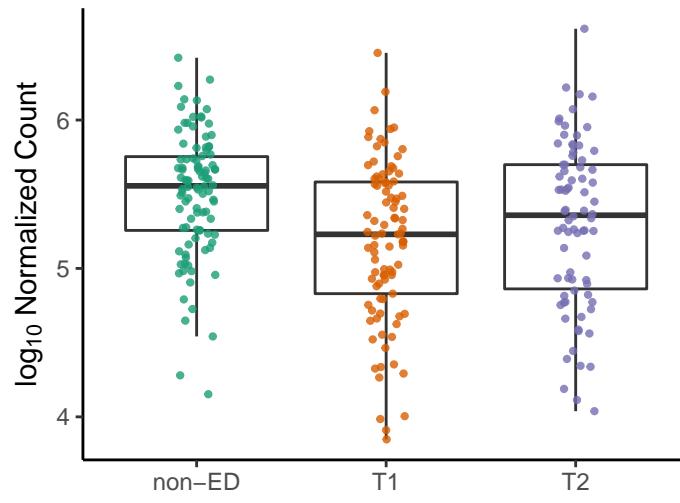
### *Mogibacterium diversum*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.76



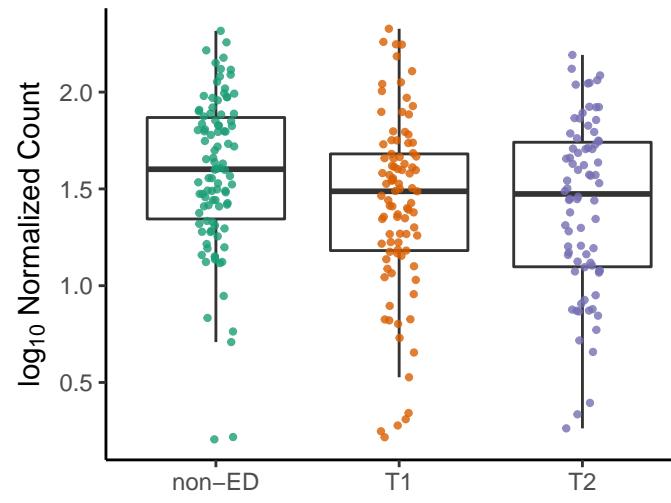
### *Blautia* sp. SC05B48

non-ED vs. T1 adjusted p = 0.00039  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.67



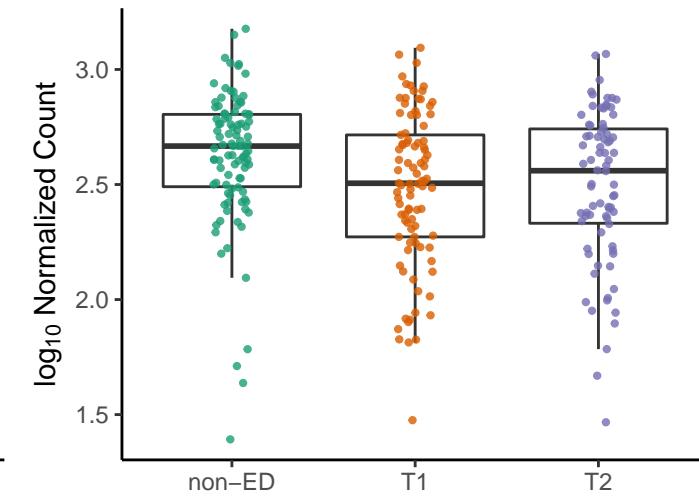
### *Fischerella* sp. NIES-3754

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.97



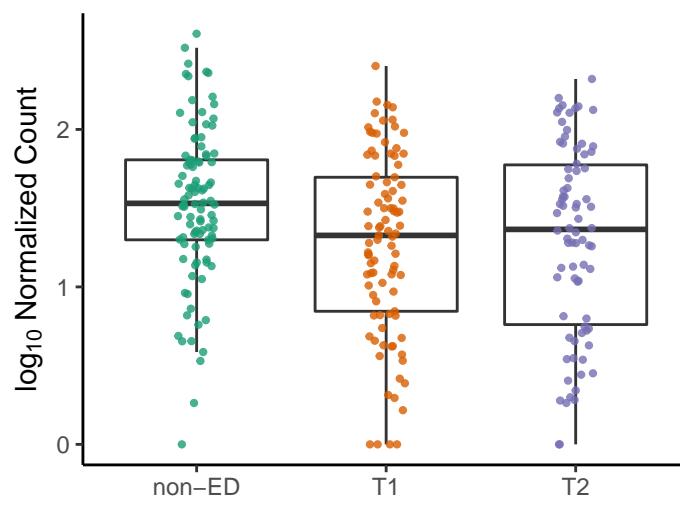
### *Paenibacillus physcomitrella*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



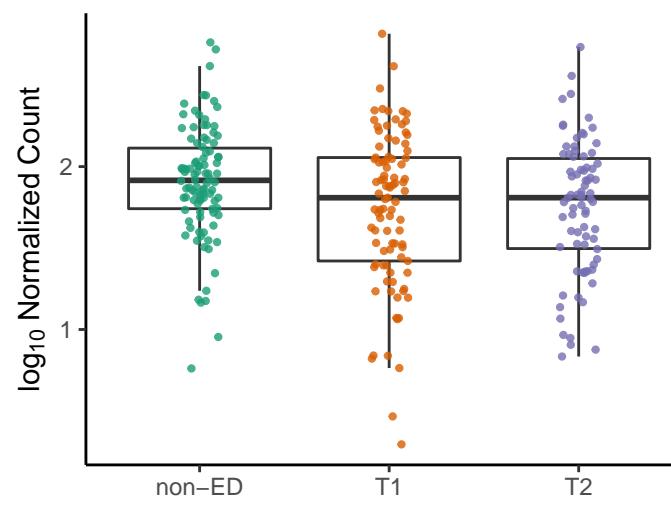
### Unclassified Promicromonosporaceae Fa

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.77



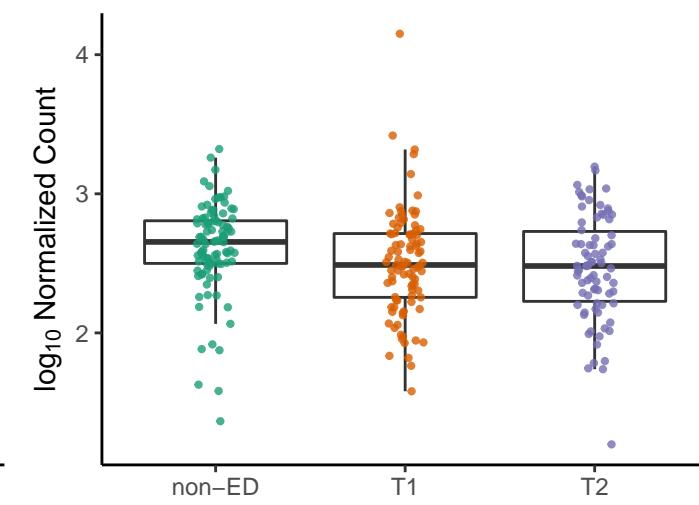
### *Tetrasphaera* sp. HKS02

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



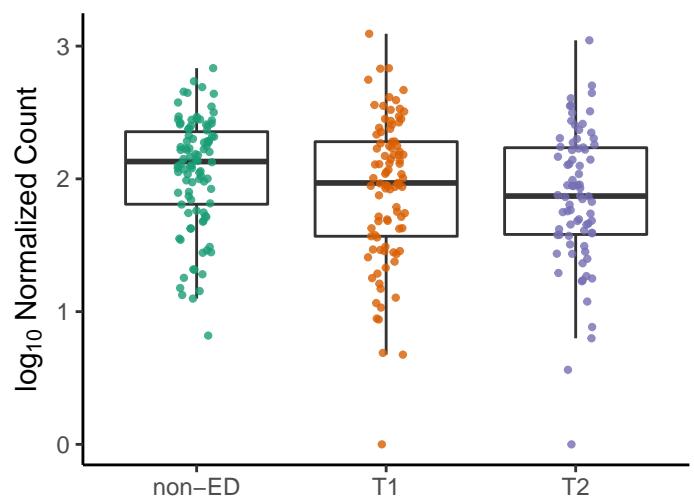
### *Cellulosilyticum* sp. WCF-2

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



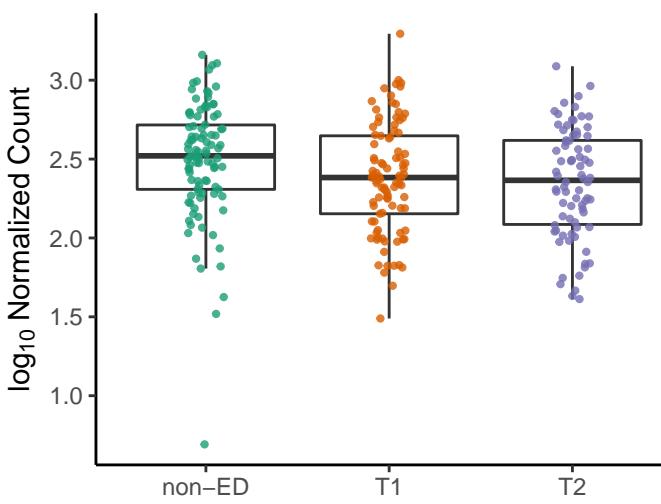
### *Chelatococcus* sp. CO-6

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.84



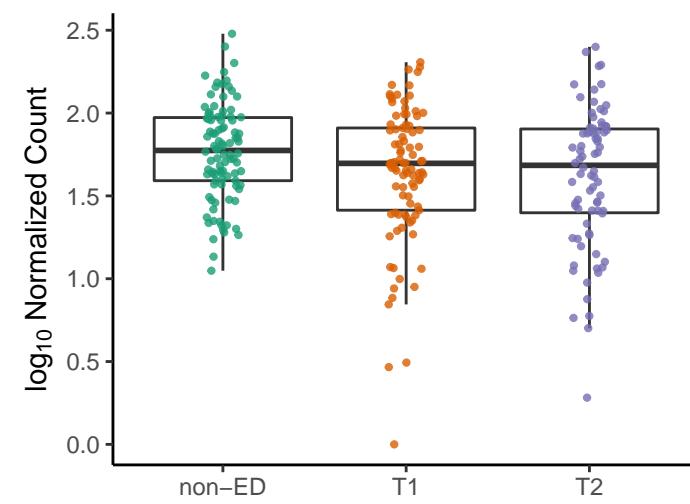
### *Clostridiaceae* bacterium 14S0207

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.78



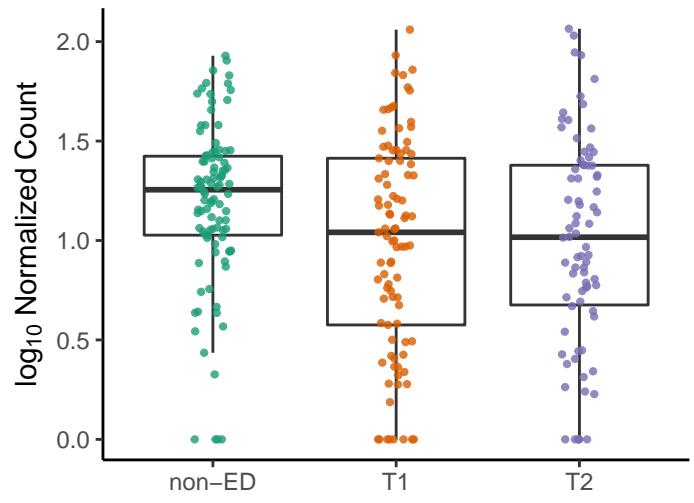
### *Sulfuriflexus* mobilis

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.99



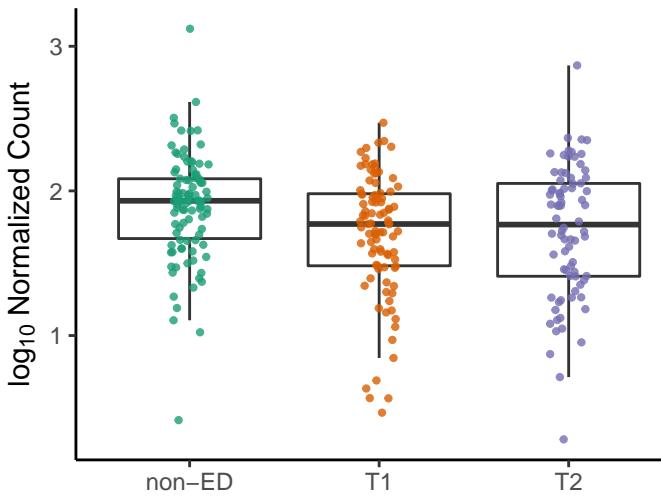
### *Thermococcus* sp. 4557

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.94



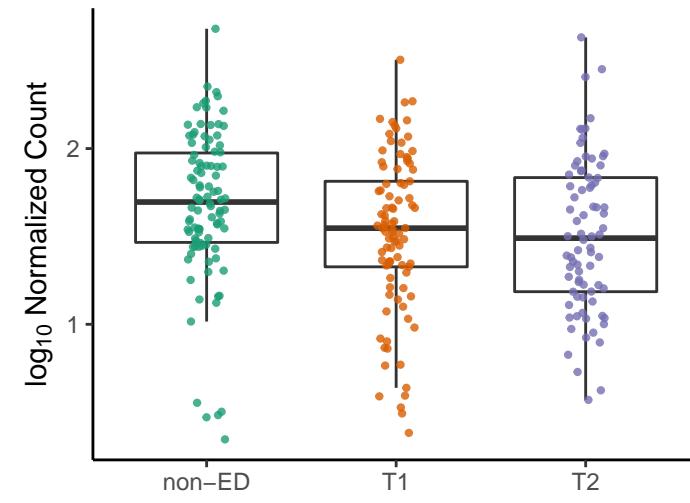
### *Pseudomonas antarctica*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



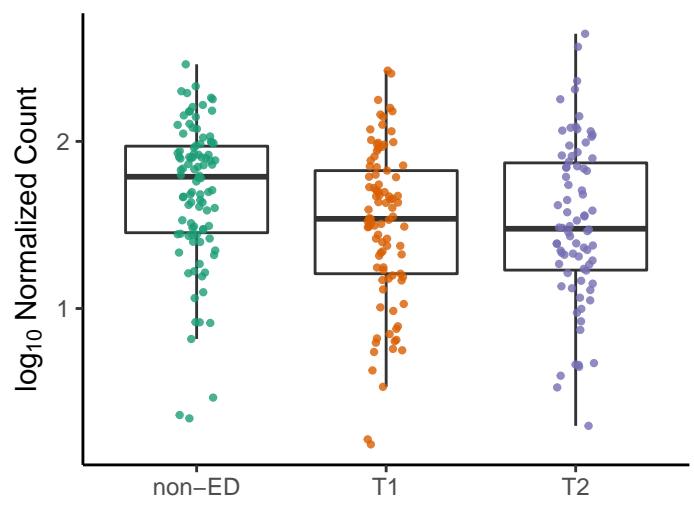
### *Polaribacter* sp. MED152

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.96



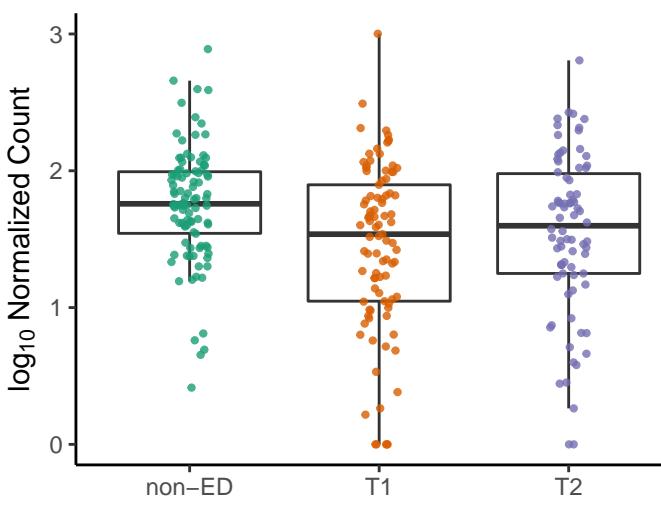
### *Oenococcus* sicerae

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.87



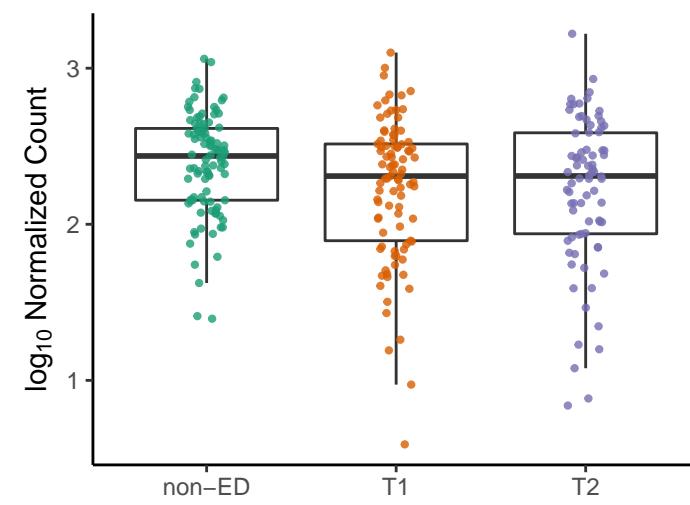
### *Burkholderia* sp. BDU8

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.61



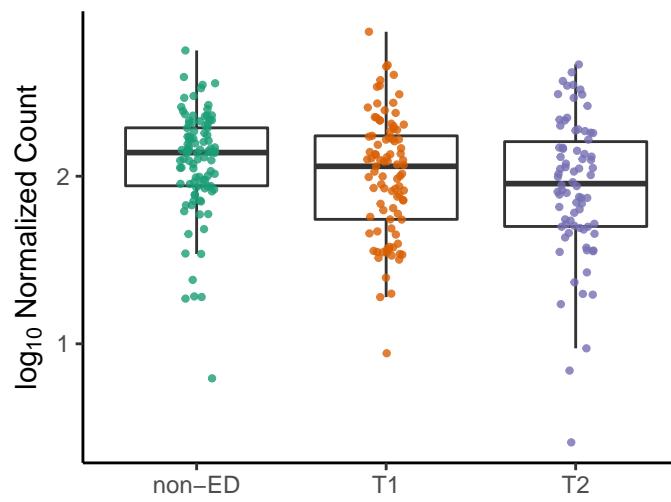
### Lysobacter enzymogenes

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.93



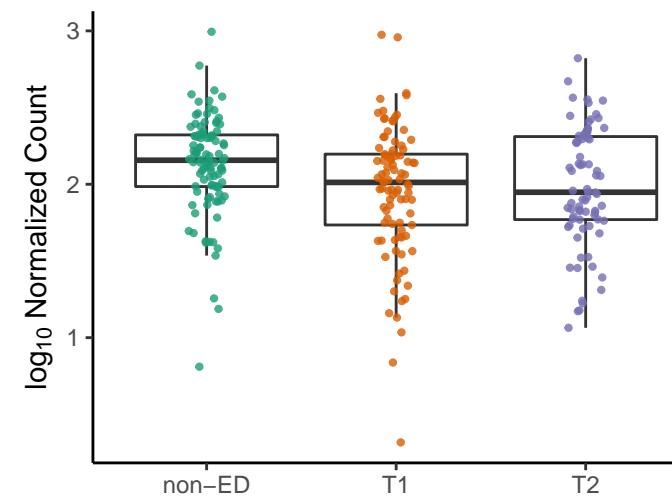
### *Brochothrix thermosphacta*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.7



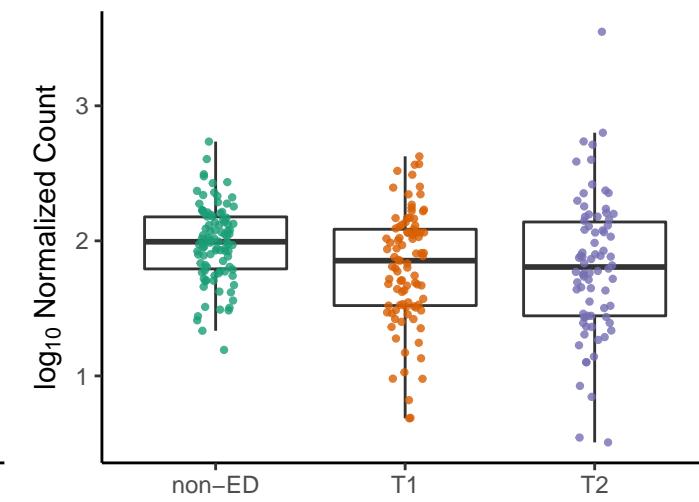
### *Nitratifractor salsuginis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.74



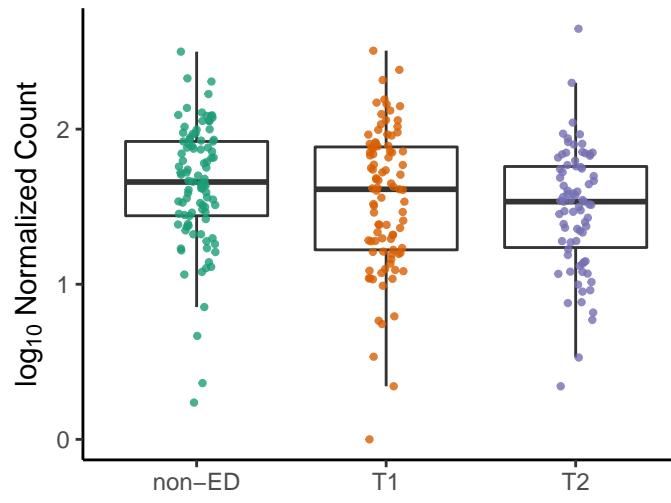
### *Nostoc linckia*

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



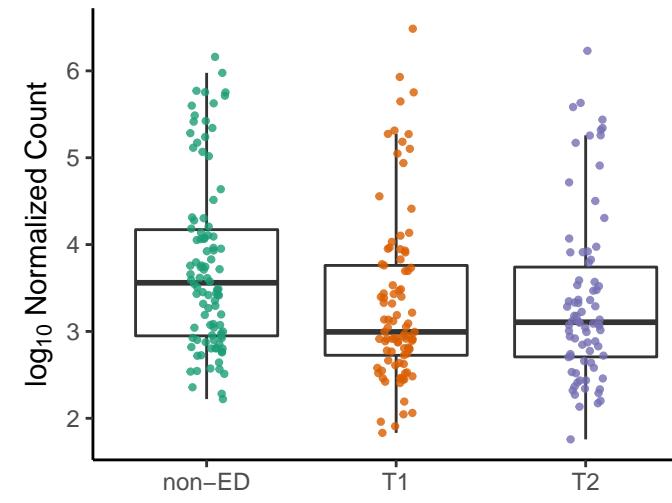
### *Pseudoalteromonas tunicata*

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.62



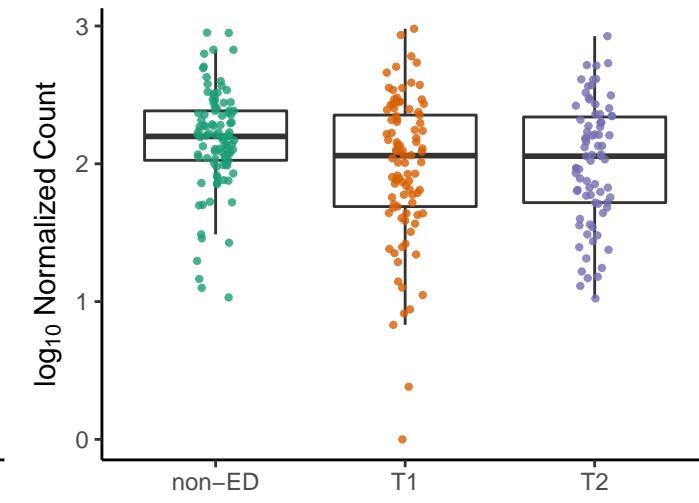
### *Bifidobacterium bifidum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



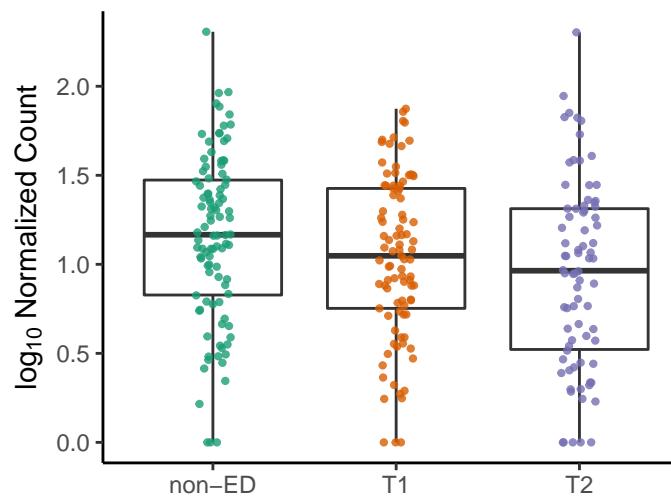
### *Polaromonas sp. JS666*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.77



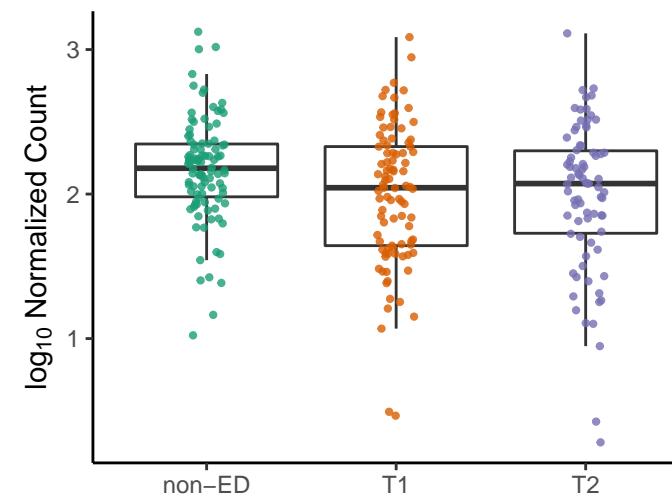
### *Ichthyobacterium seriolicida*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.66



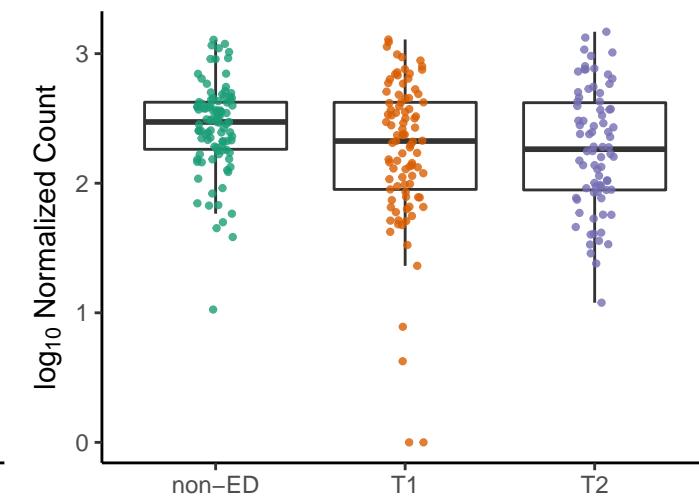
### *Paraburkholderia sp. DHF22*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.88



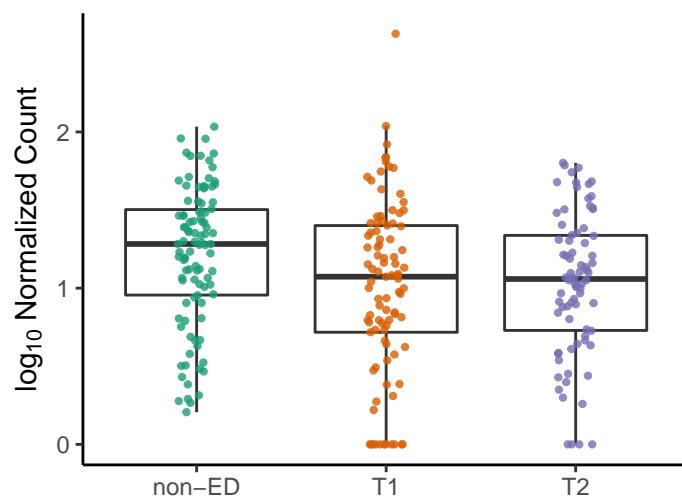
### *Candidatus Promineofilum breve*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.78



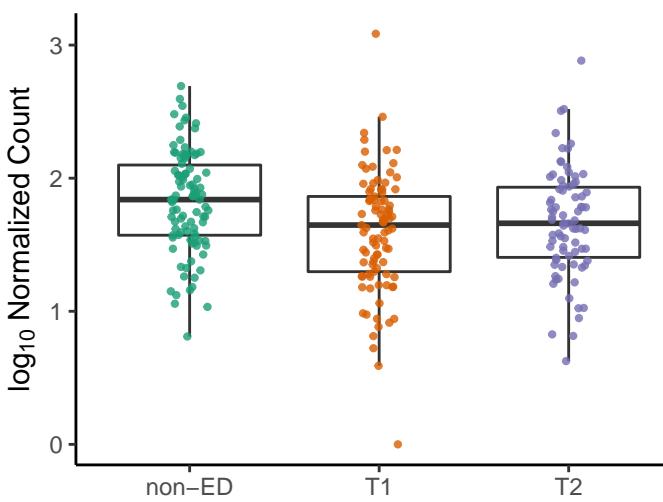
### Unclassified Cutibacterium Genus

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.88



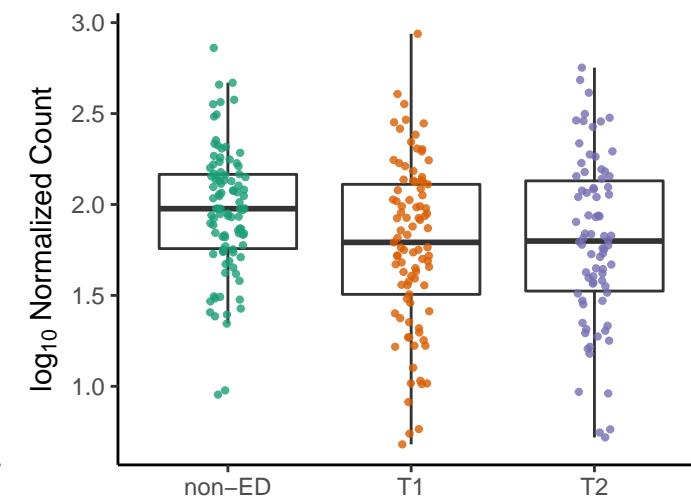
### *Corynebacterium aurimucosum*

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.57



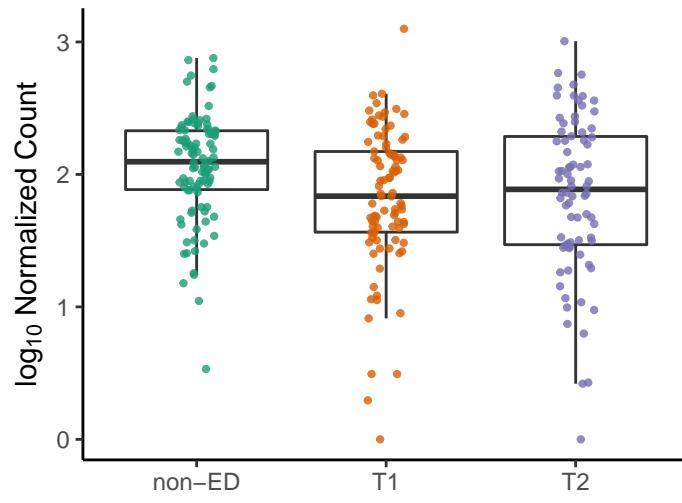
### *Nitrosospira lacus*

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.76



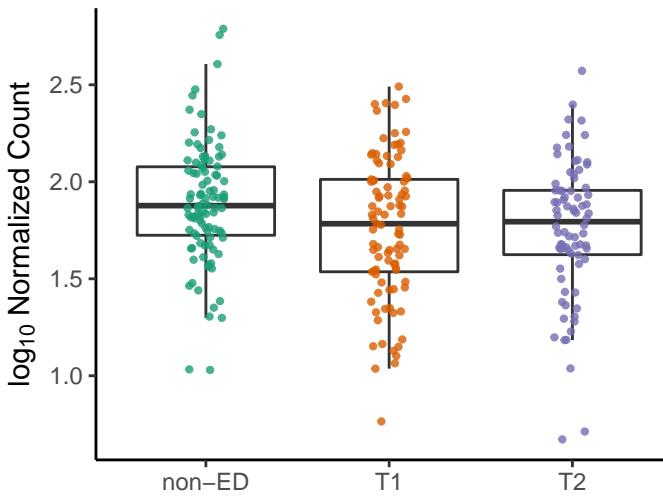
### *Cellulomonas fimi*

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.82



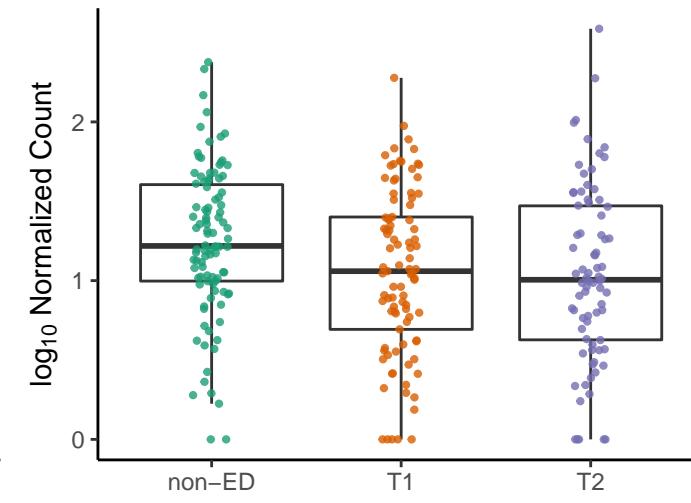
### *Pseudomonas salegens*

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.87



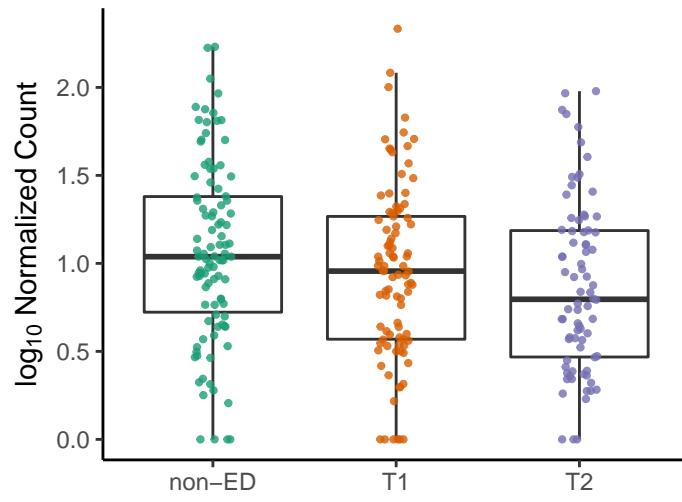
### *Hydrogenobaculum sp. Y04AAS1*

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.86



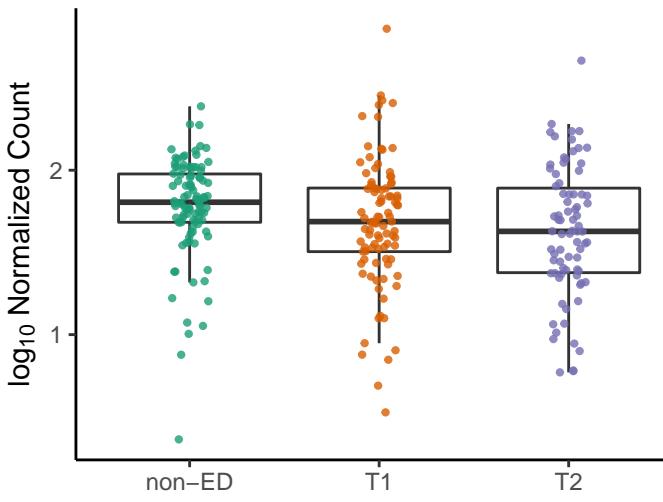
### *Mycoplasma columbinum*

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.7



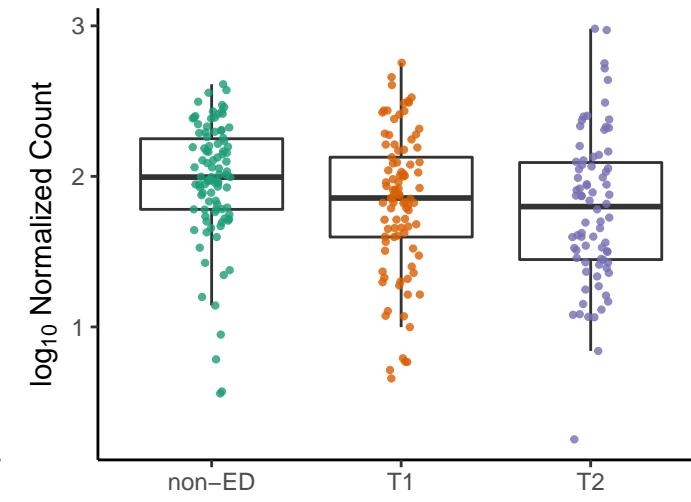
### *Flavobacterium nackdongense*

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.73



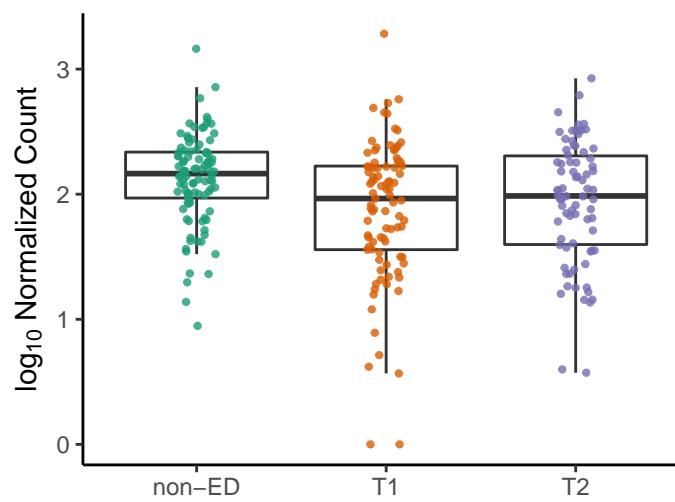
### *Campylobacter lari*

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.84



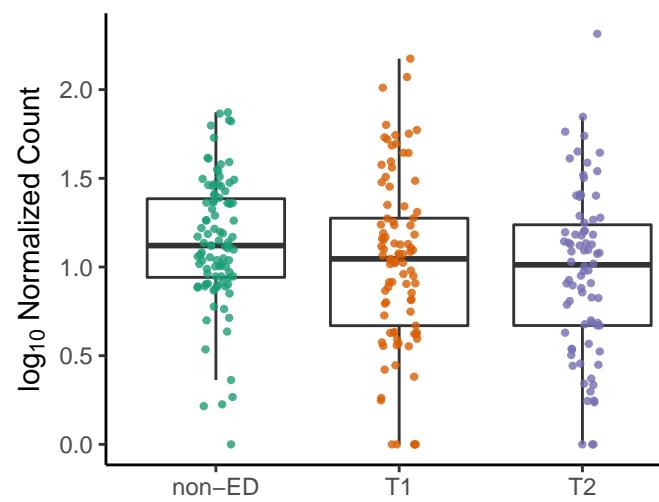
### Cellulomonas sp. H30R-01

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.68



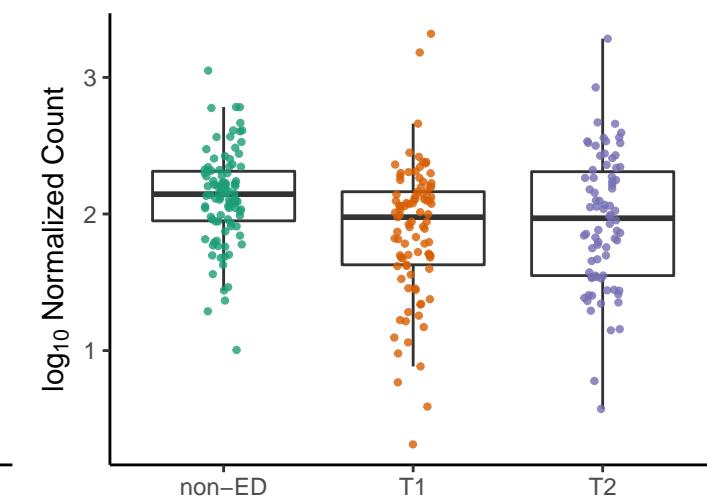
### Mycoplasma pullorum

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.67



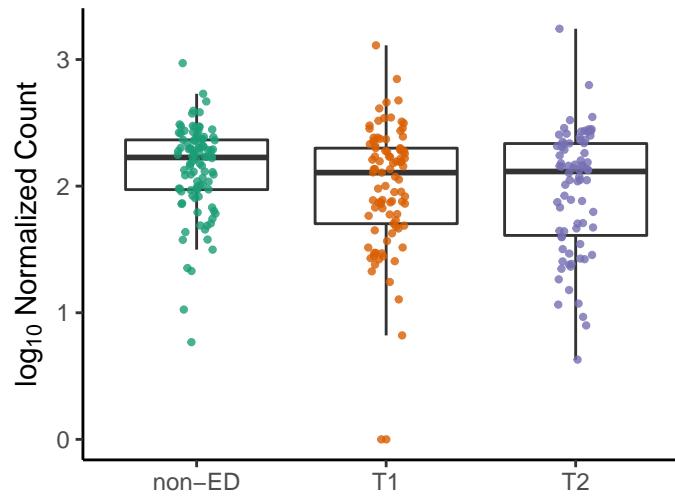
### Xanthomonas citri

non-ED vs. T1 adjusted p = 0.002  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.61



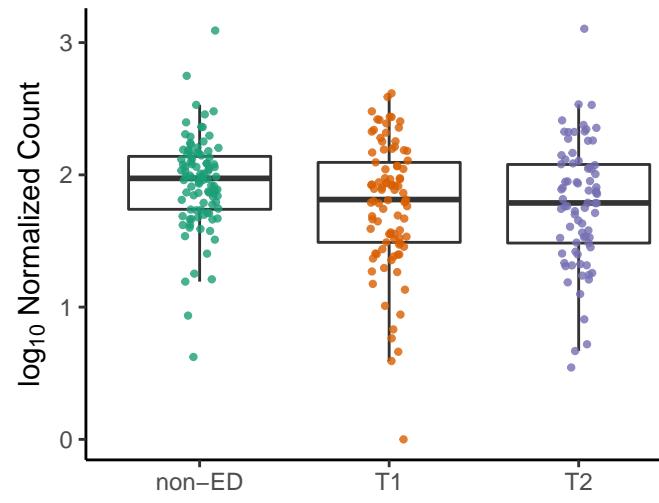
### Unclassified Sphingopyxis Genus

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.98



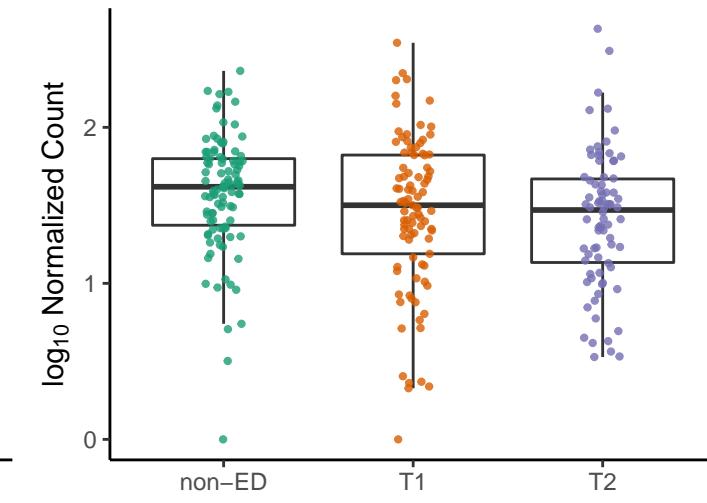
### Gordonia polyisoprenivorans

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.93



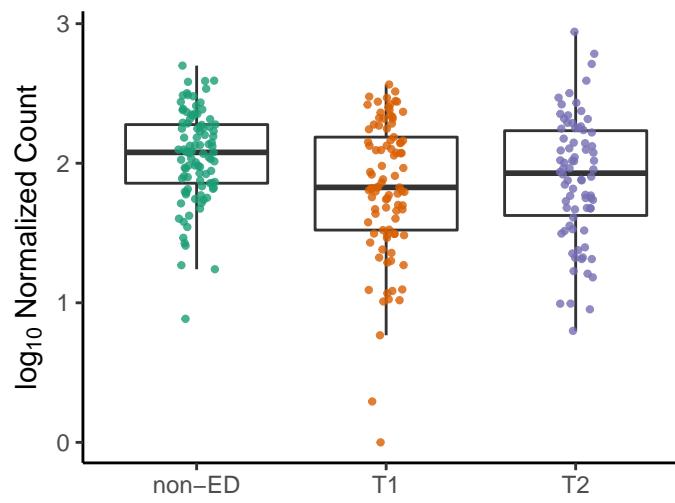
### Unclassified Sulfurimonas Genus

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.77



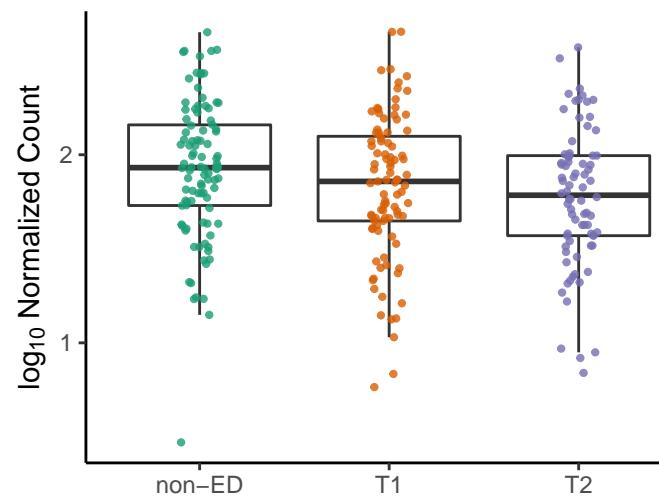
### Arthrobacter sp. ZXY-2

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.7



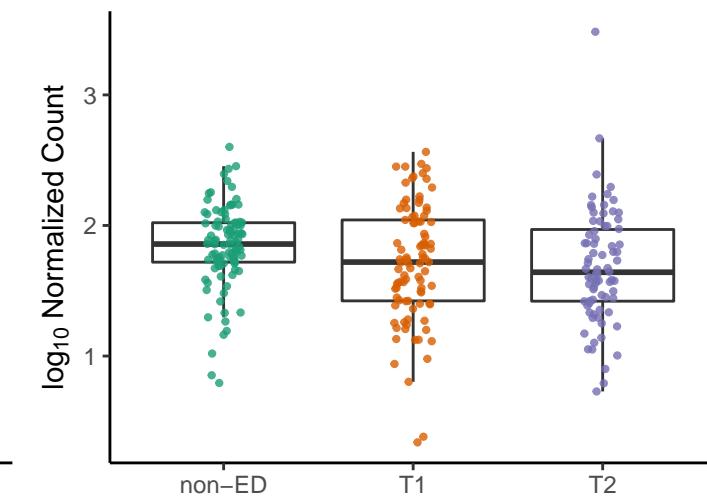
### Endomicrobium proavitum

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.77



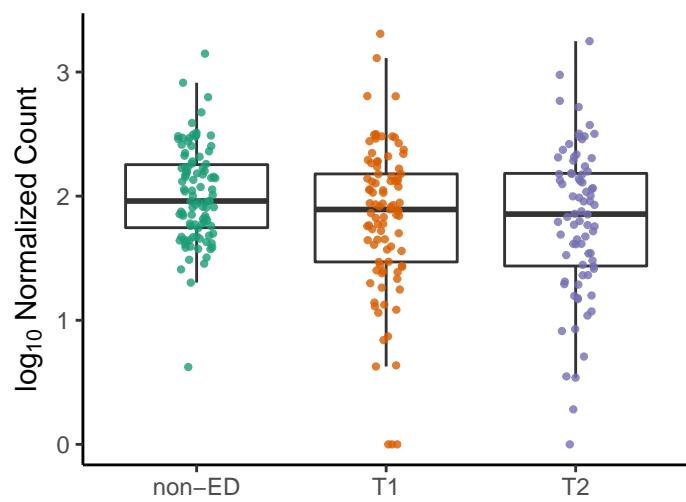
### Petrotoga mobilis

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.74



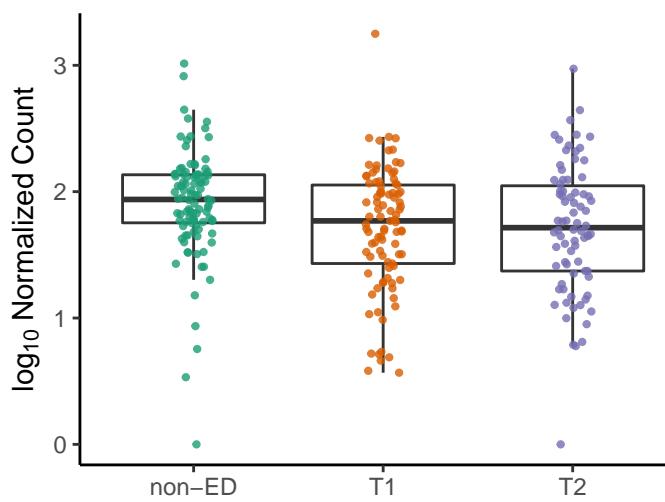
### Rhodanobacter glycinis

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.89



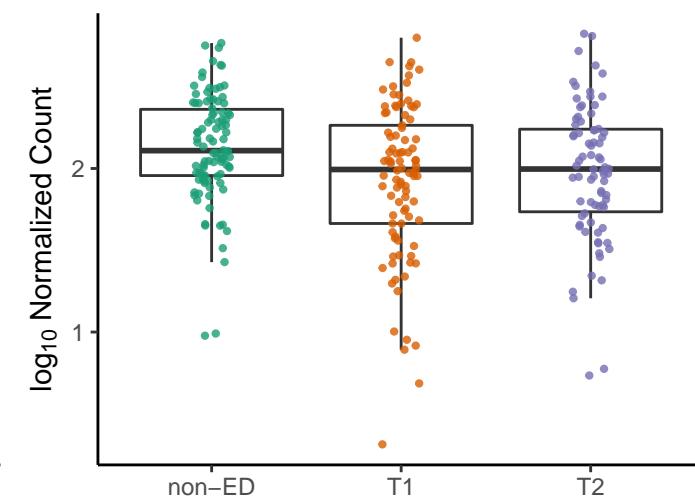
### Sphingomonas ginsengisoli An et al. 201

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.82



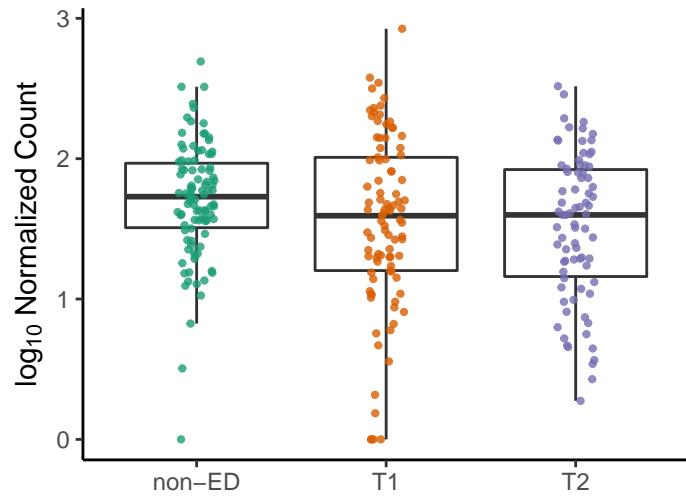
### Lysobacter antibioticus

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.63



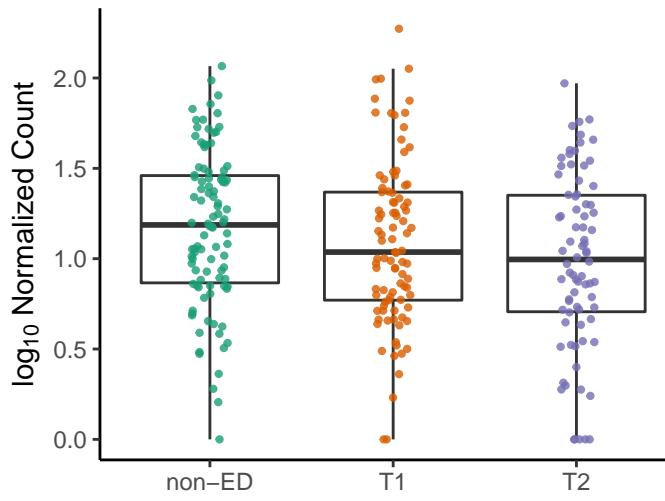
### Rhizobium sp. NXC14

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.98



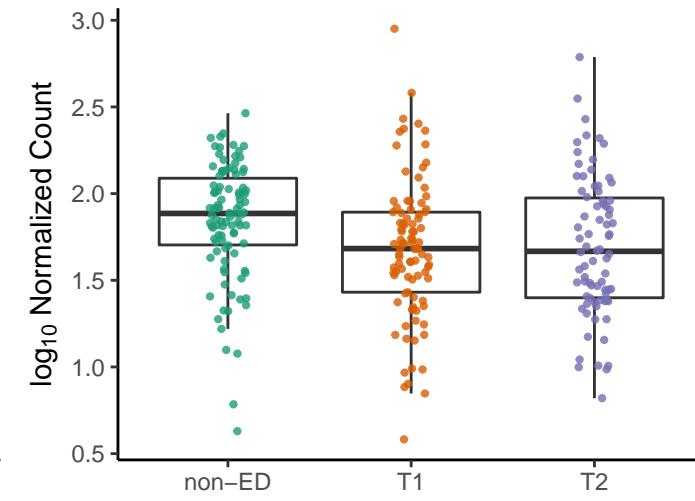
### Shewanella putrefaciens

non-ED vs. T1 adjusted p = 0.32  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.61



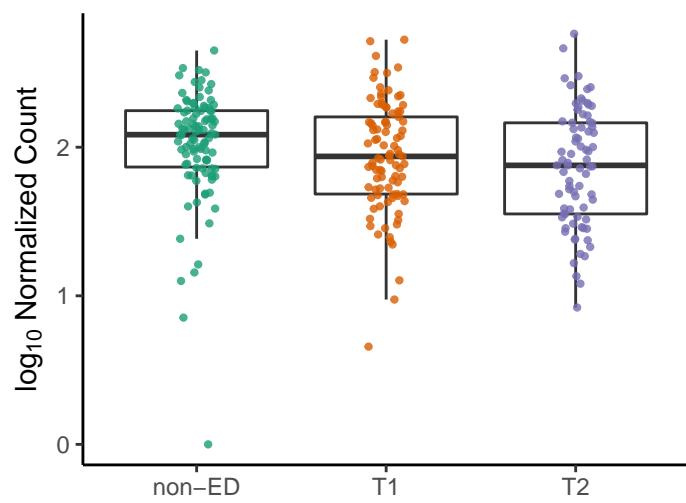
### Legionella israelensis

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.82



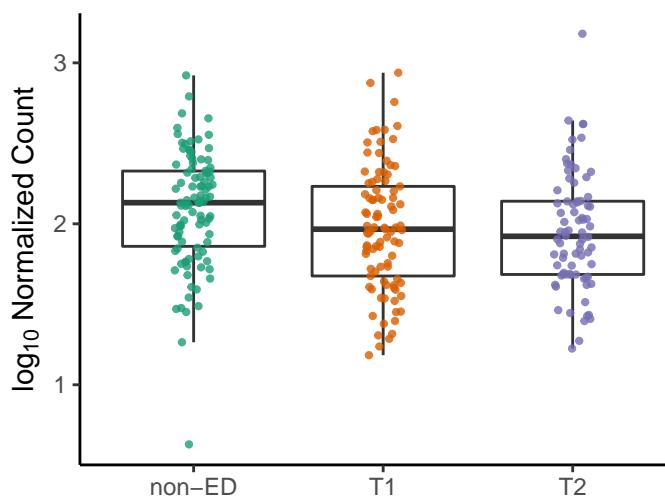
### Acinetobacter baumannii

non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.67



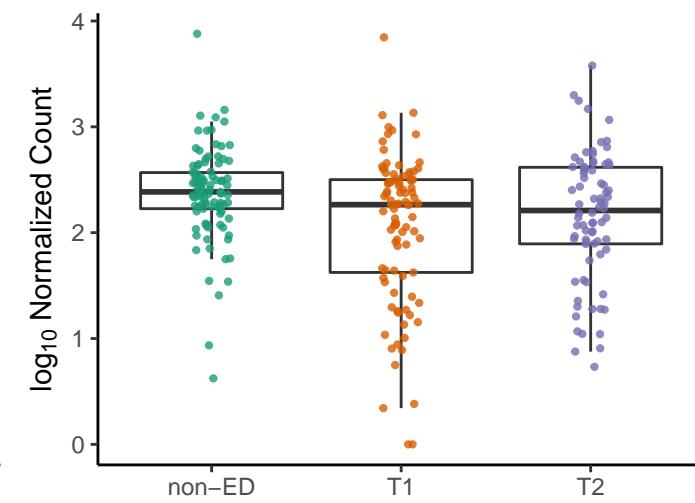
### Vibrio cholerae

non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 1



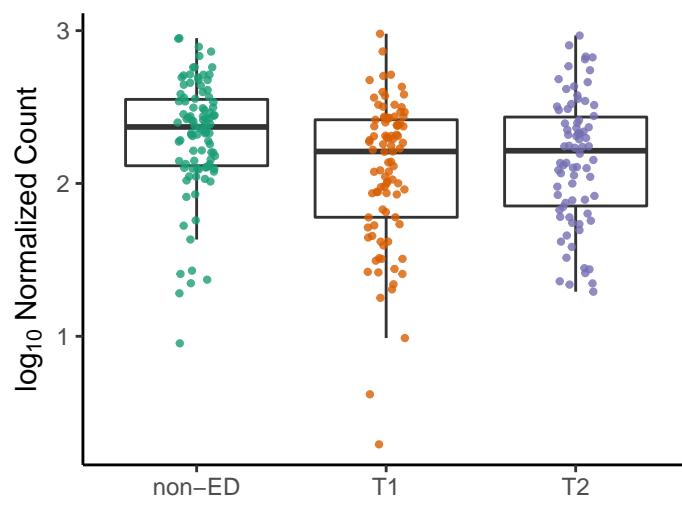
### Unclassified Olsenella Genus

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.66



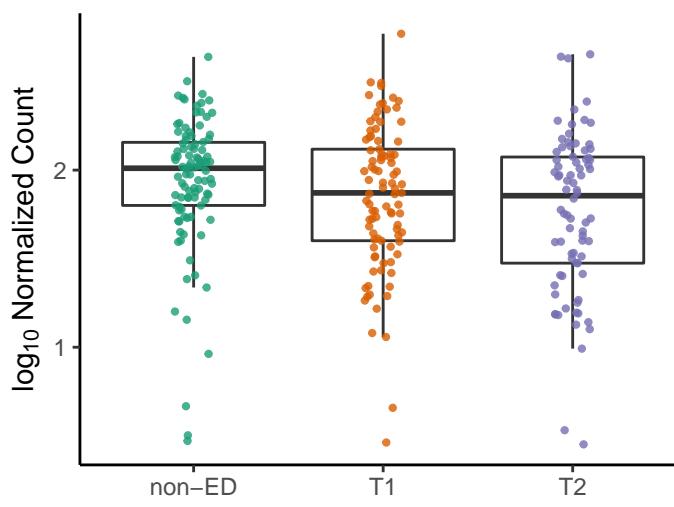
### *Propionibacterium australiense*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.63



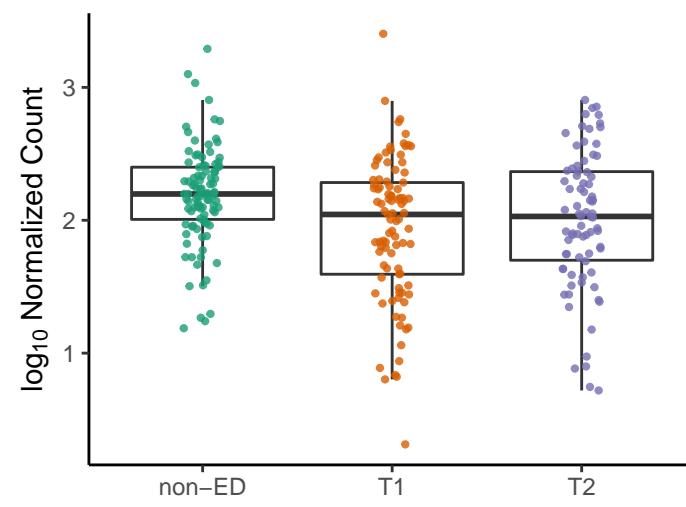
### *Capnocytophaga sputigena*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.66



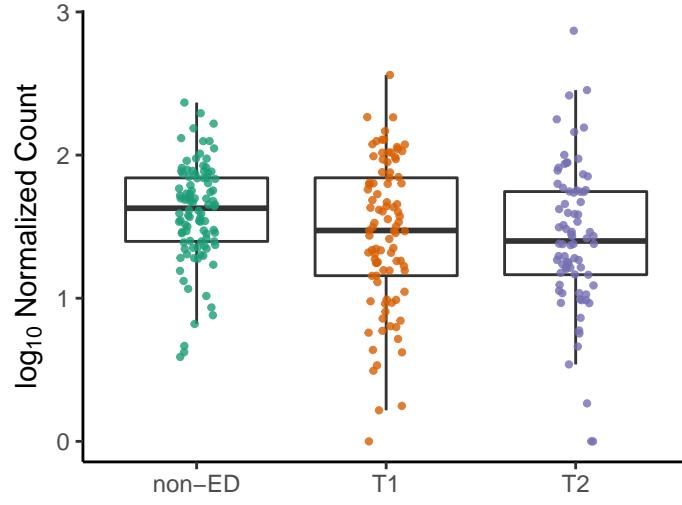
### *Caulobacter vibrioides*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.66



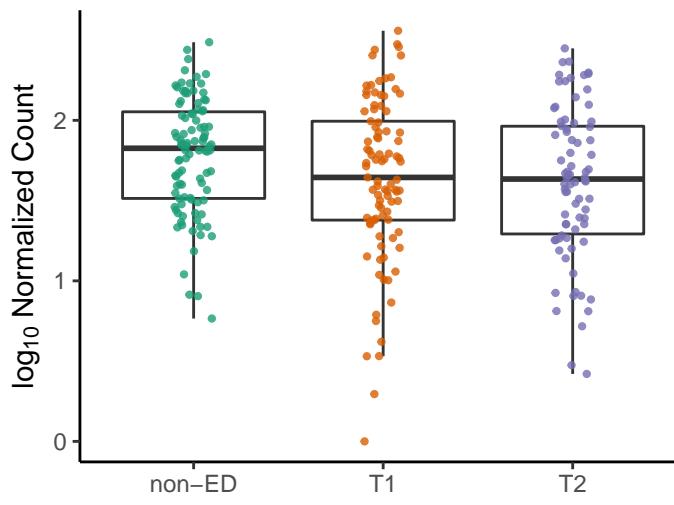
### *Gordonia* sp. 1D

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.98



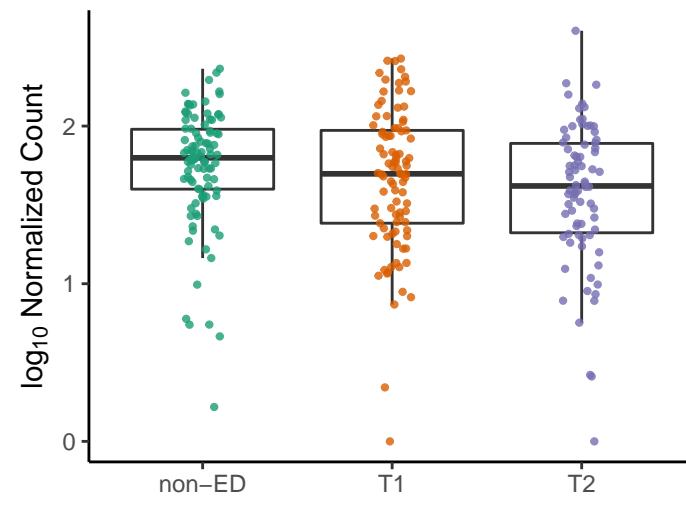
### *Nocardioides* sp. HY056

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.99



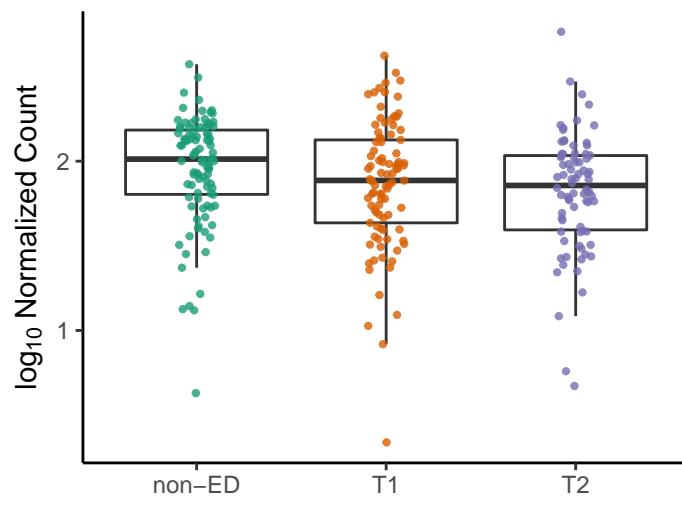
### Unclassified Thermosiphon Genus

non-ED vs. T1 adjusted p = 0.3  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.54



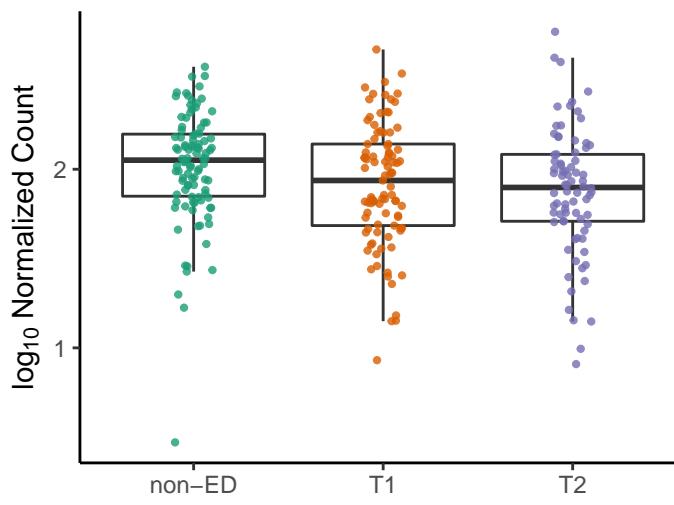
### *Natranaerobius thermophilus*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.76



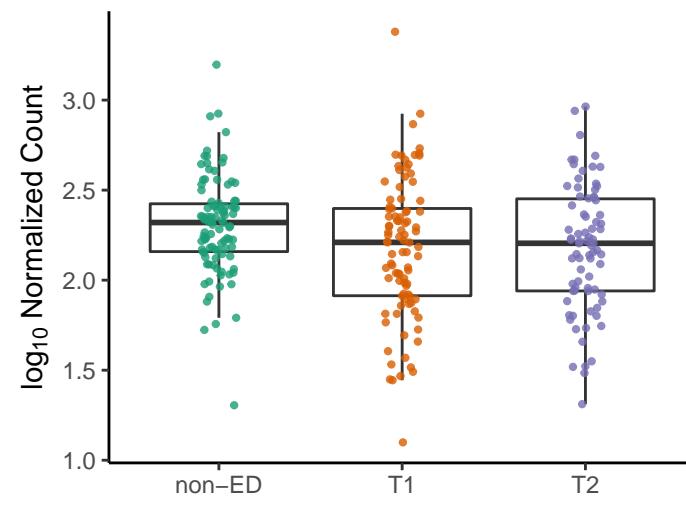
### *Staphylococcus carnosus*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.84



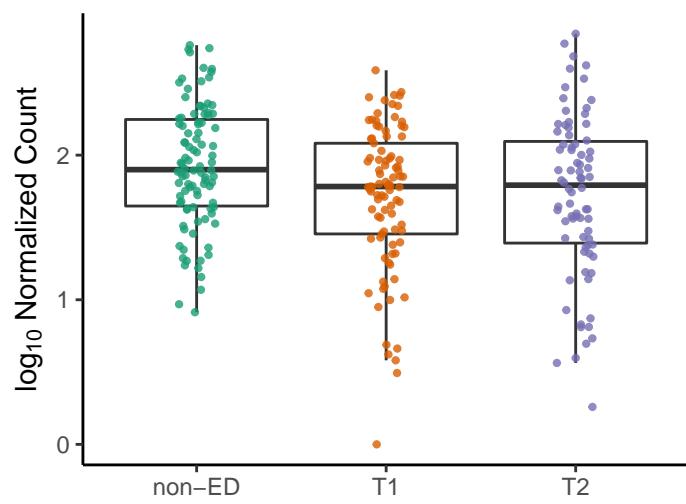
### *Comamonas testosteronei*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



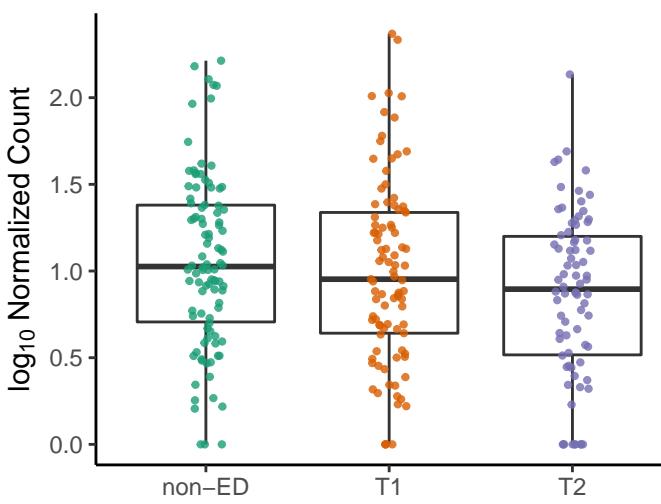
### *Streptomyces* sp. RLB1–33

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.79



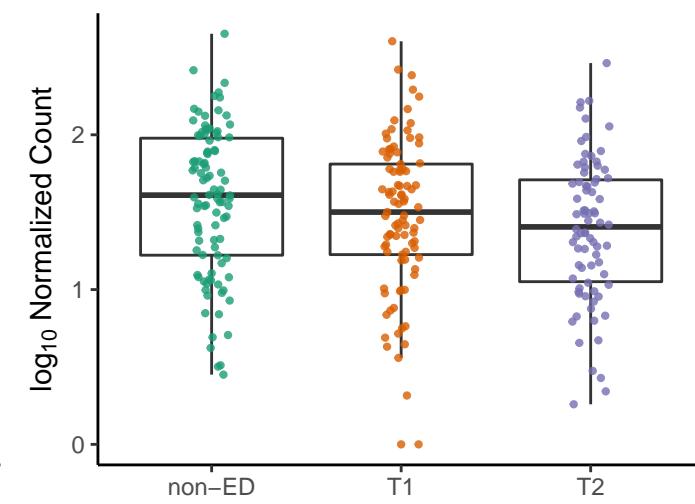
### *Candidatus Ishikawaella capsulata*

non-ED vs. T1 adjusted p = 0.52  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.62



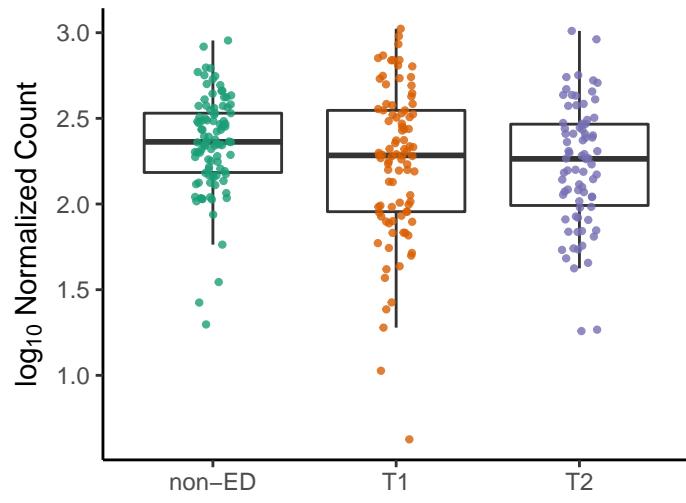
### *Microbulbifer agarilyticus*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.76



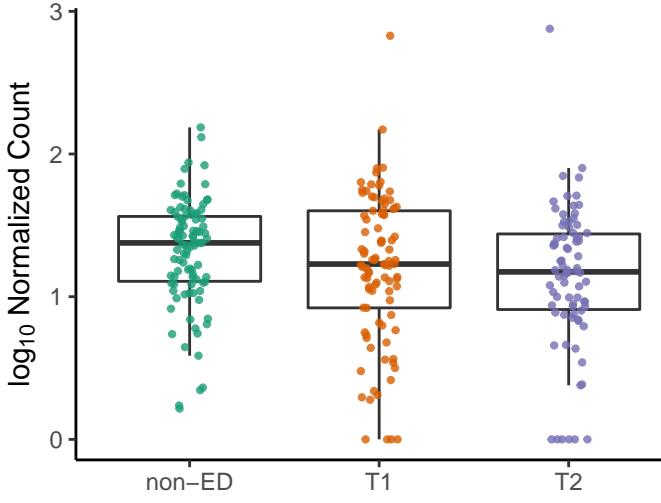
### *Pelobacter acetylenicus*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.99



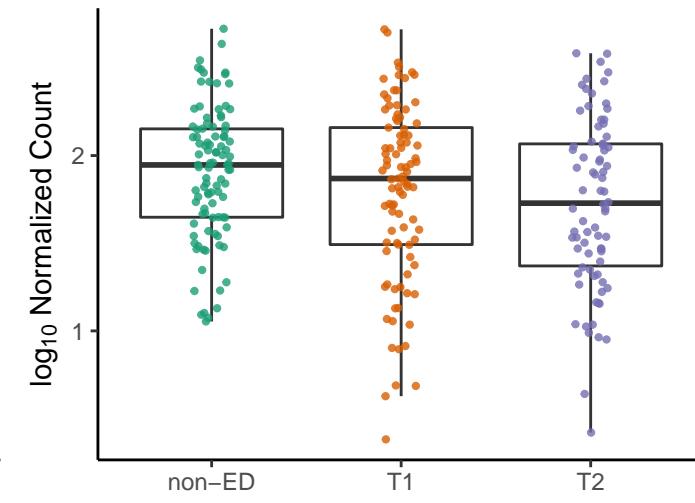
### *Exiguobacterium acetylicum*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.79



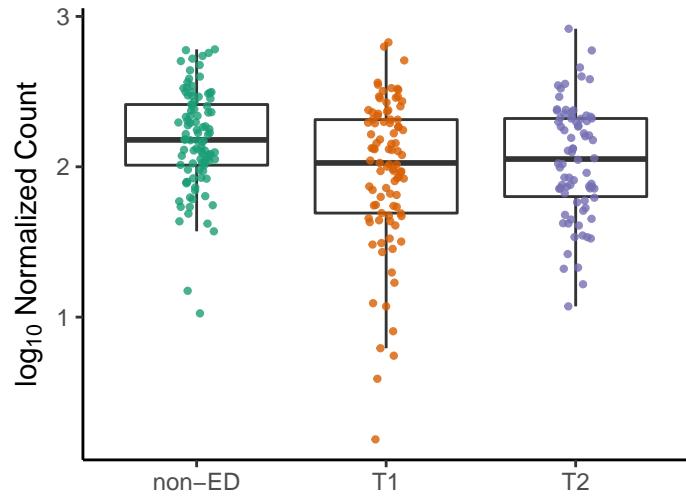
### *Hydrogenophaga* sp. RAC07

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.83



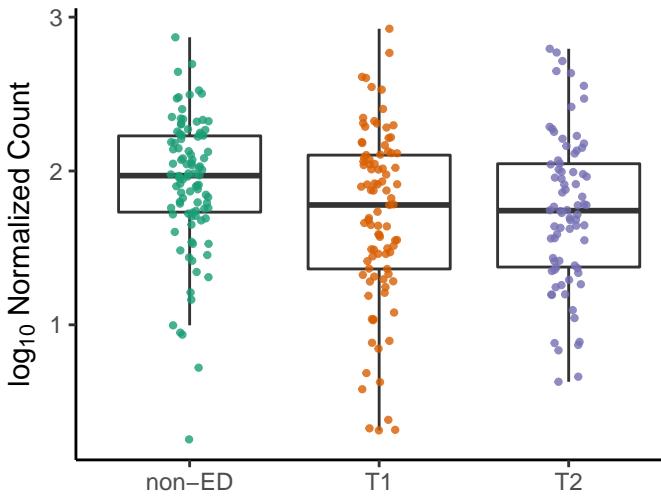
### *Roseiflexus castenholzii*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.66



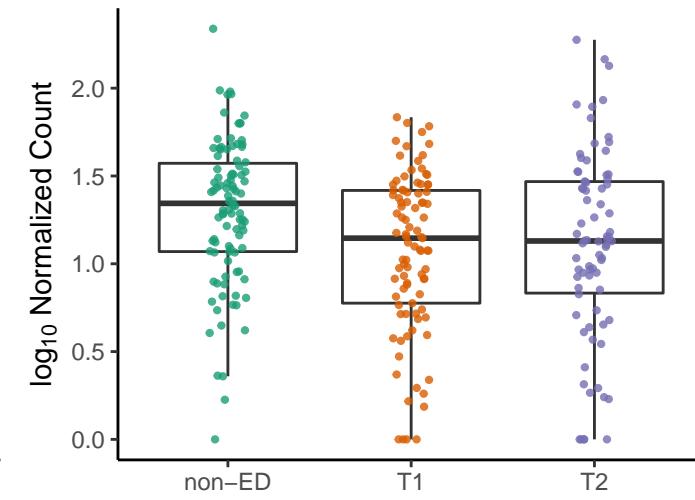
### *Lysobacter soli*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.67



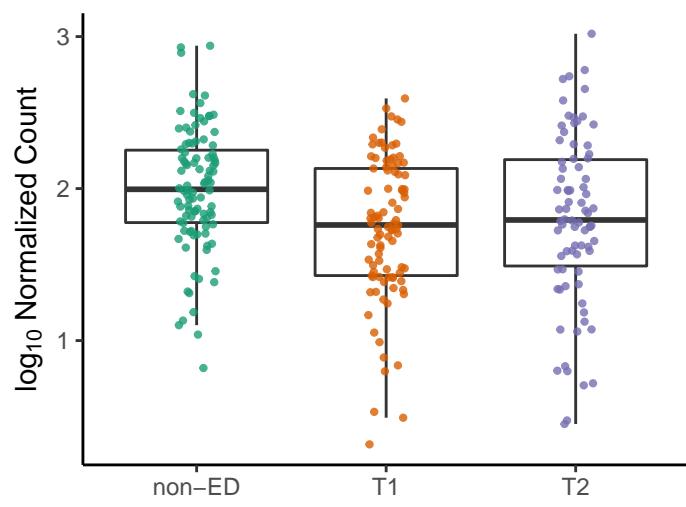
### *Pseudoalteromonas translucida*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 1



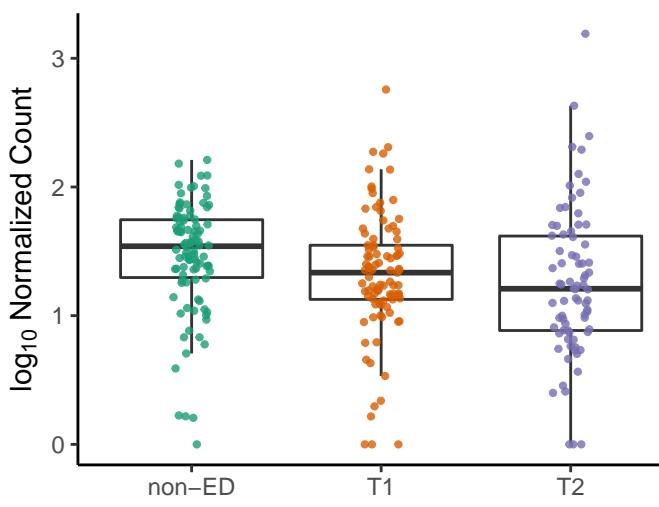
### *Bradyrhizobium* sp. ORS 3257

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.76



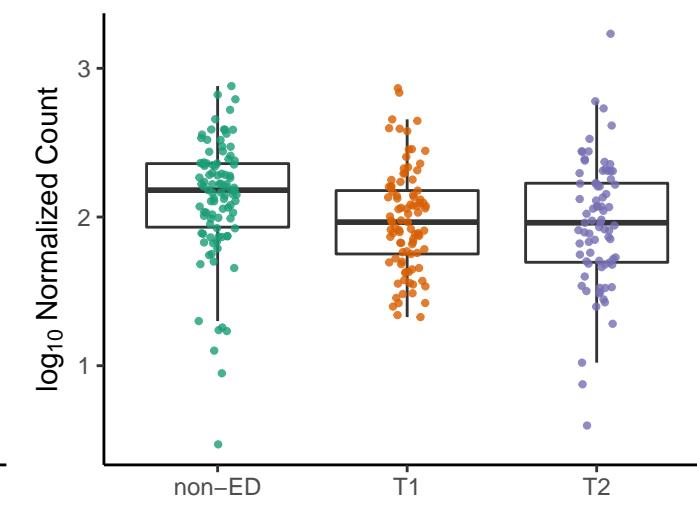
### *Flavobacterium crassostreae*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.7



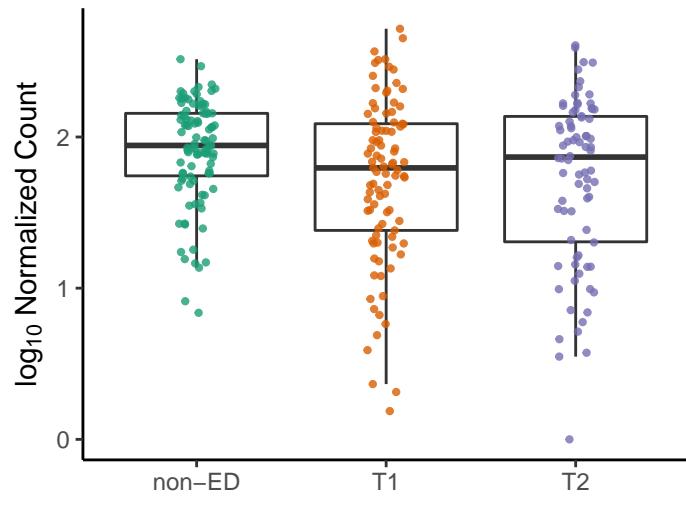
### Unclassified *Francisella* Genus

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.91



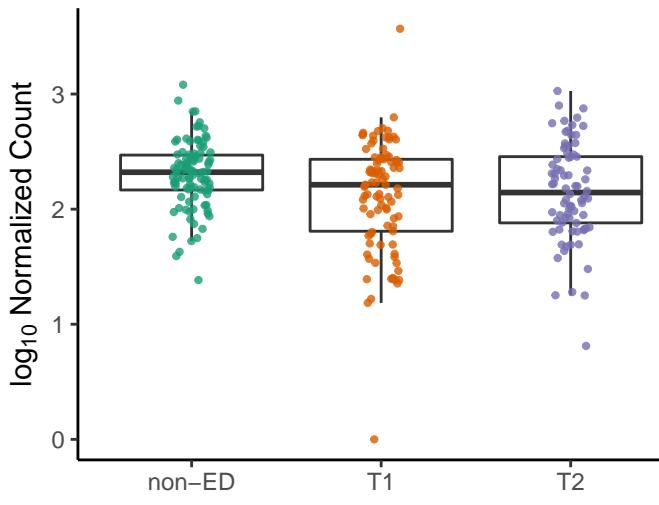
### *Pandoraea apista*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.91



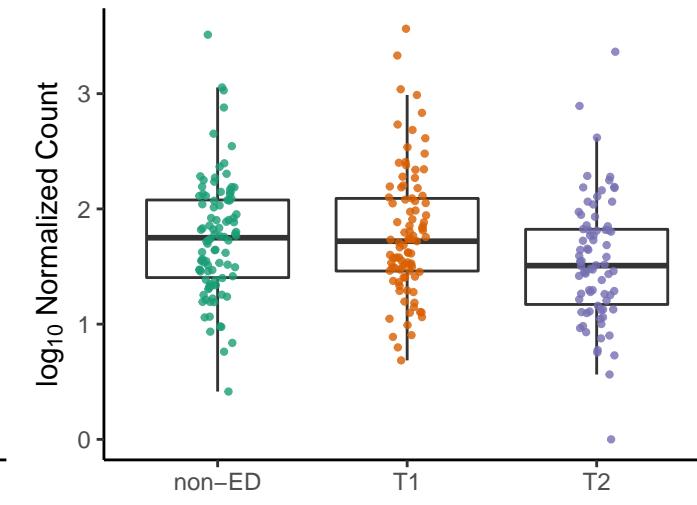
### *Vulgatibacter incomptus*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.7



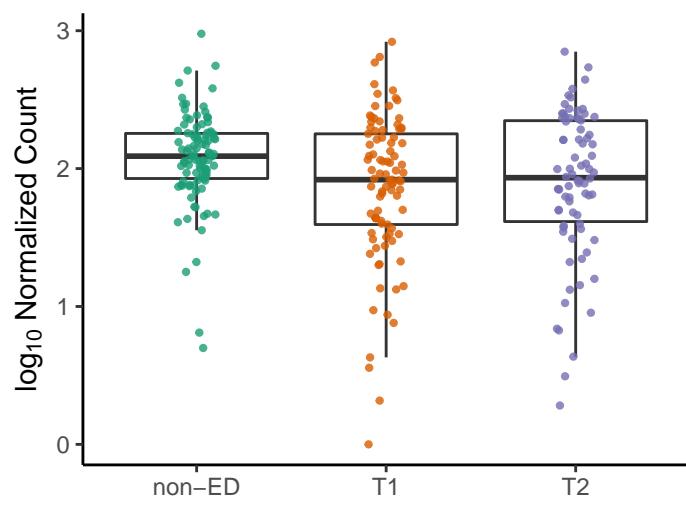
### *Citrobacter* sp. SNU WT2

non-ED vs. T1 adjusted p = 0.76  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.079



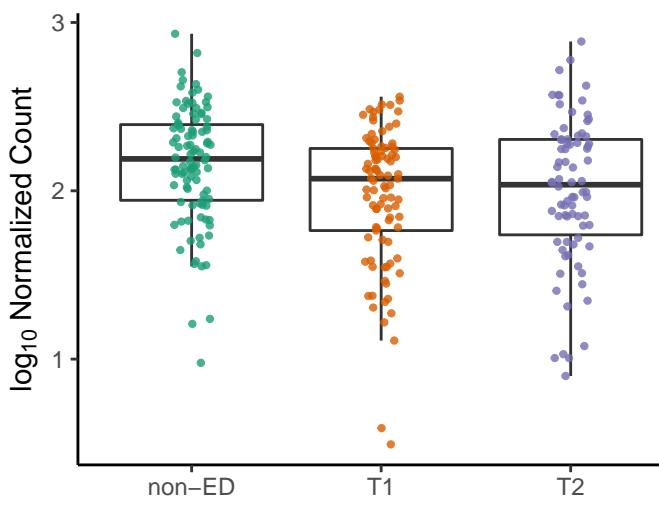
### *Hydrogenophaga* sp. PBL-H3

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.77



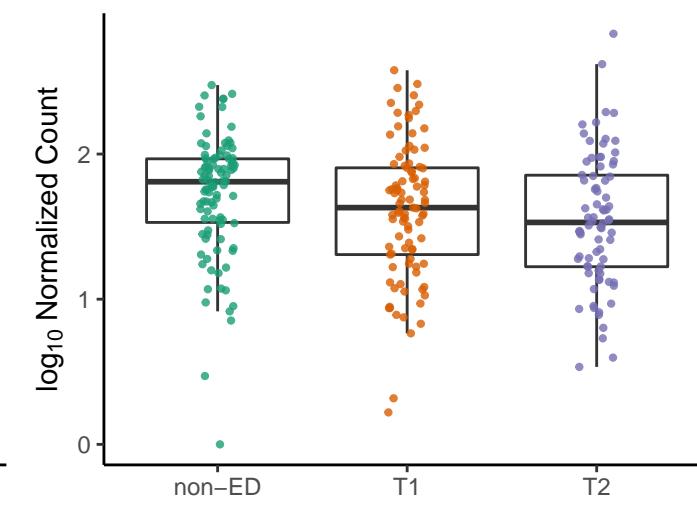
### *Gemmimonas aurantiaca*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.73



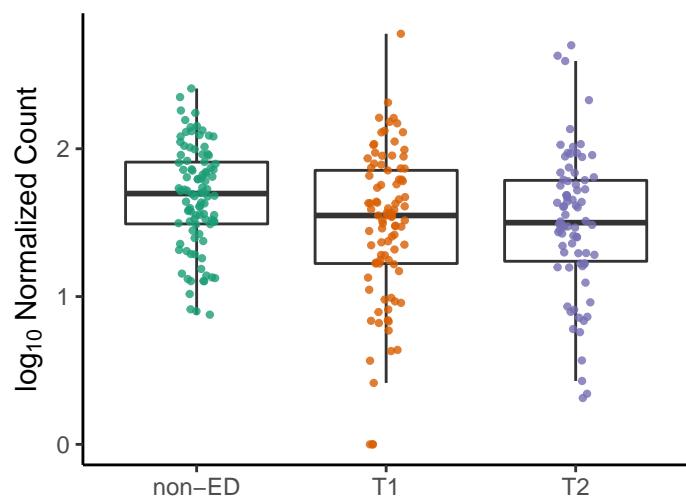
### *Nonlabens marinus*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



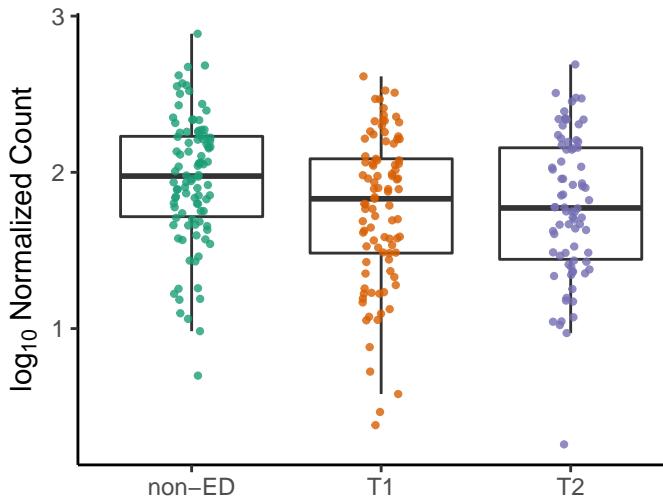
### *Bermanella marisrubri*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.97



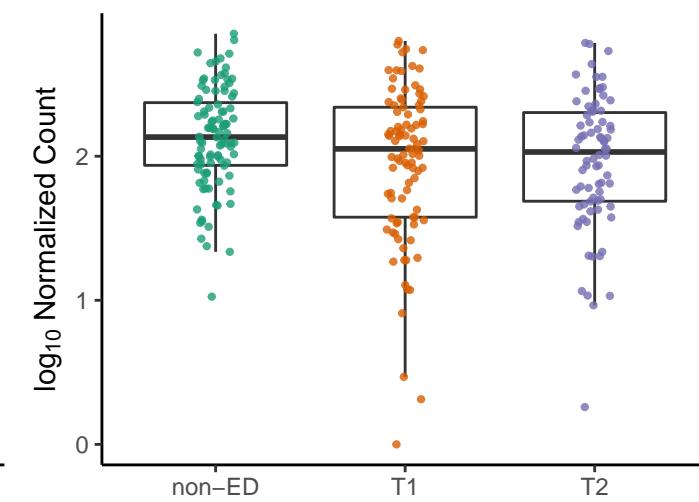
### *Sphingomonas* sp. Cra20

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.7



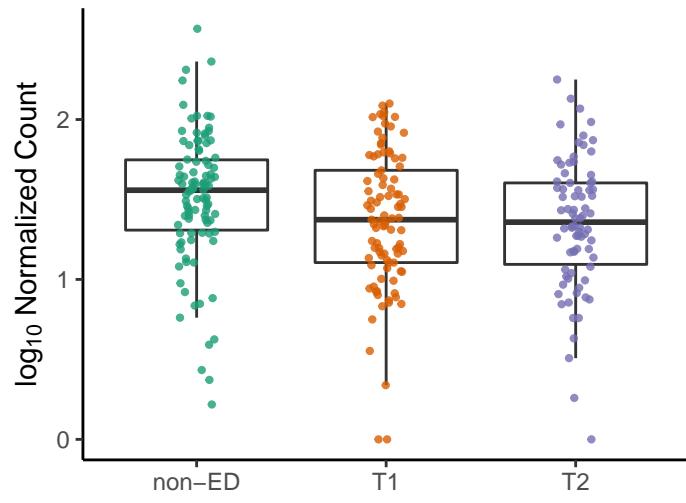
### *Synechococcus* sp. RSCCF101

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



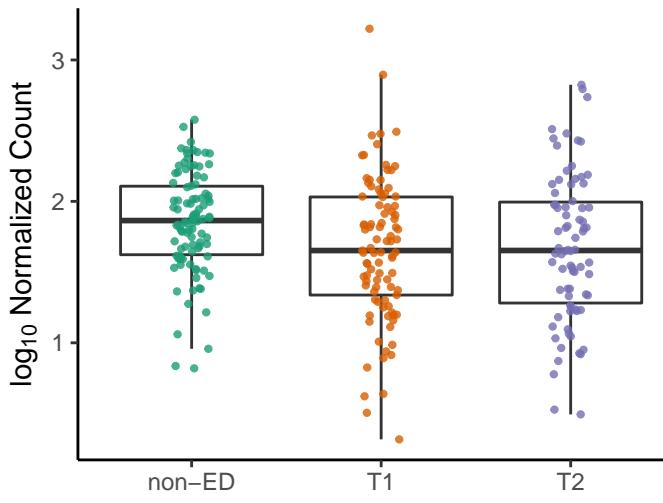
### *Lactobacillus fructivorans*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.88



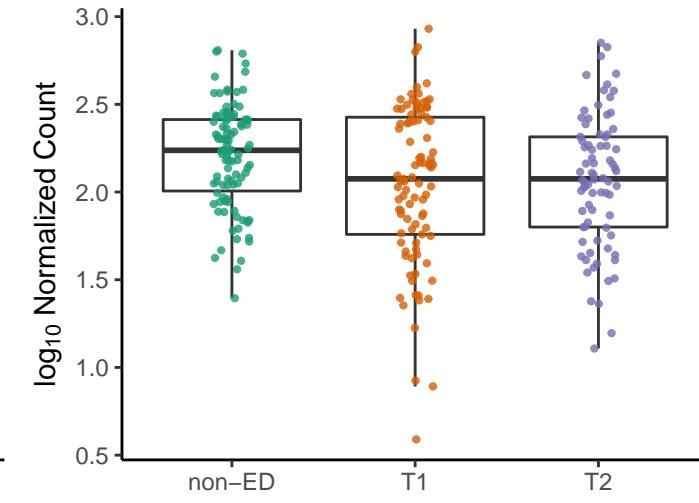
### *Sphingomonas* sp. LM7

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.87



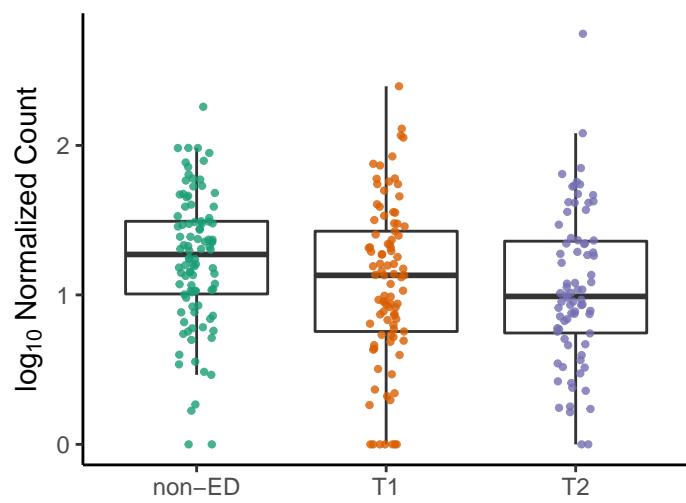
### Unclassified Pseudarthrobacter Genus

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.75



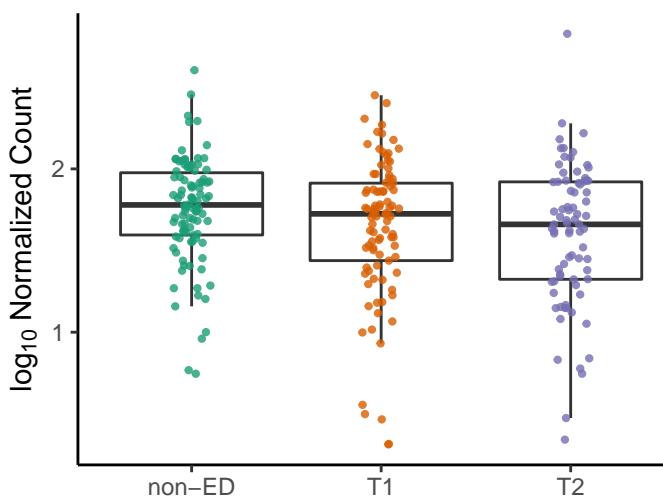
### *Mycoplasma ovipneumoniae*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



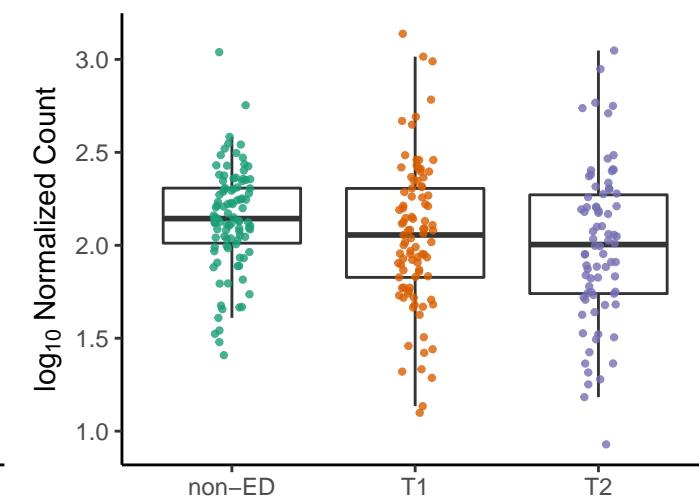
### *Sulfuricurvum kujiente*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.81



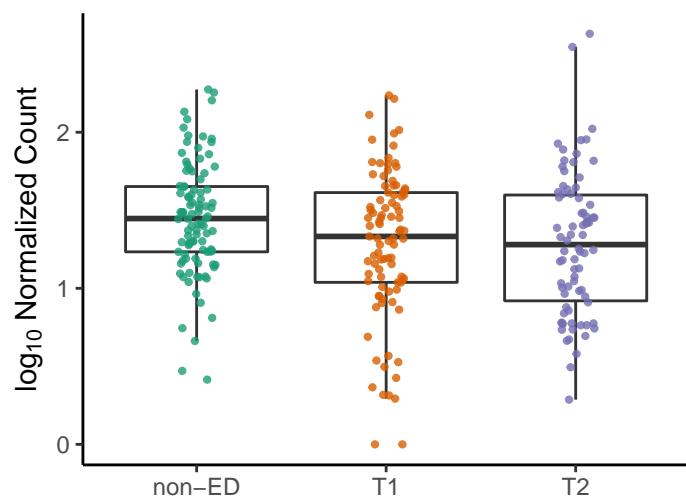
### *Collimonas arenae*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.95



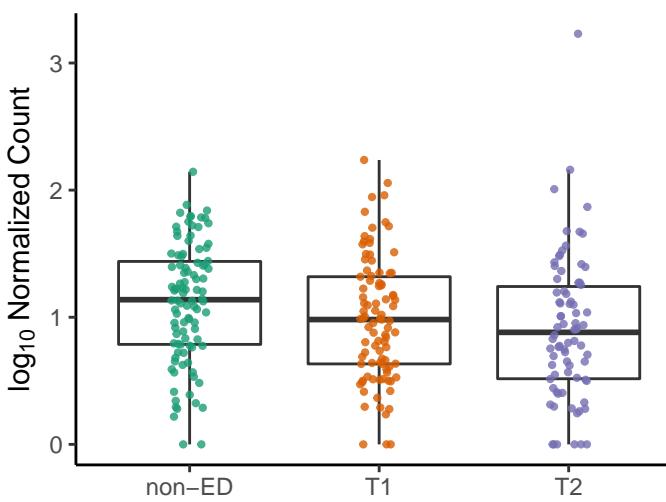
### Aurantimicrobium sp. MWH-Mo1

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 1



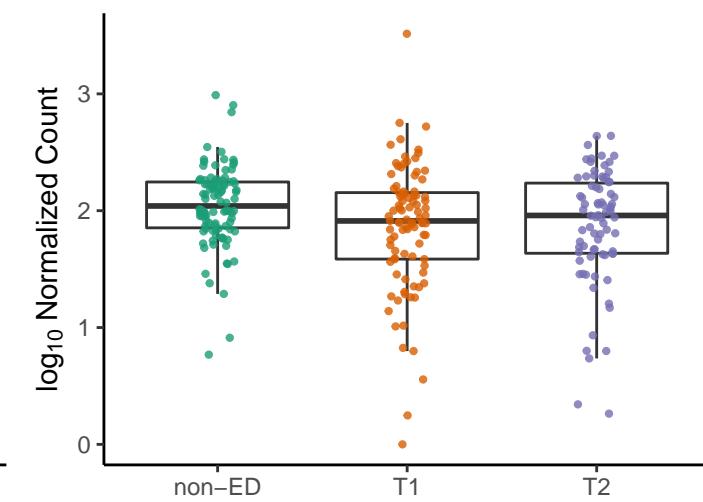
### Candidatus Sneabacter namystus

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.79



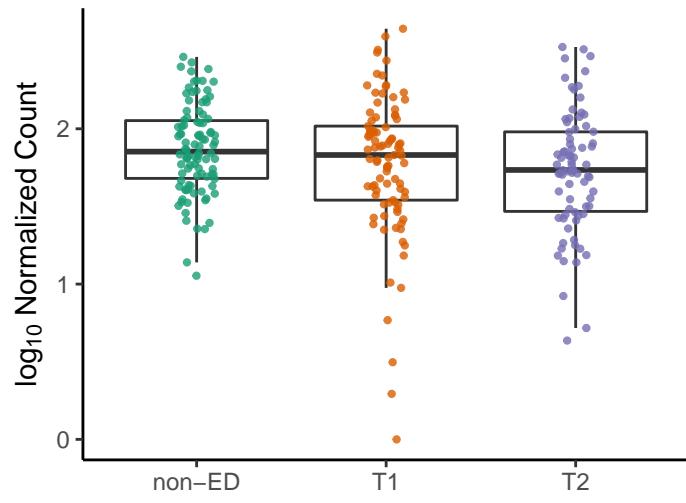
### Flavobacterium album

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.83



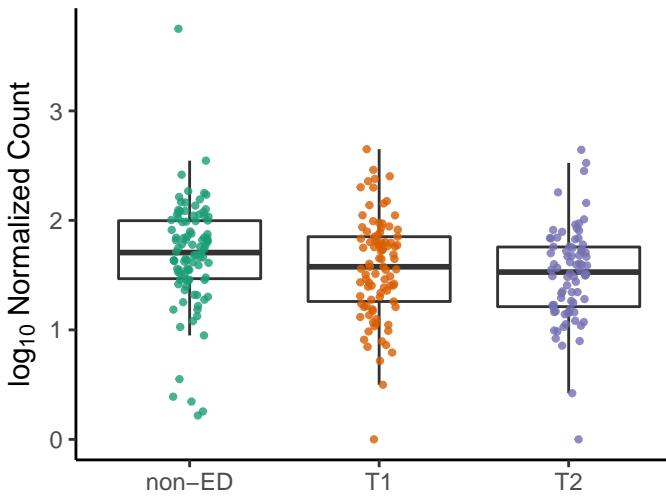
### Halomonas sp. BC-M4-5

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.98



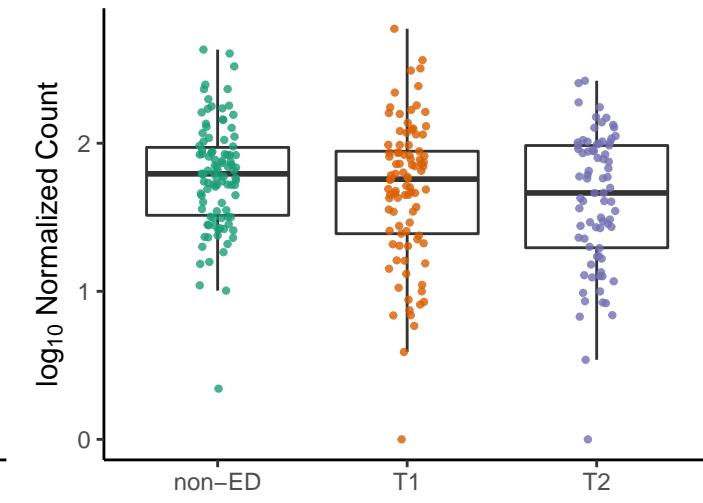
### Methanosarcina sp. MTP4

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.84



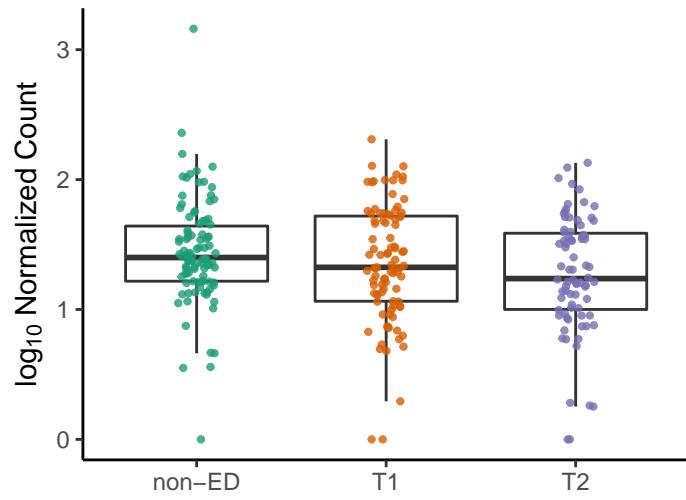
### Neisseria canis

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.85



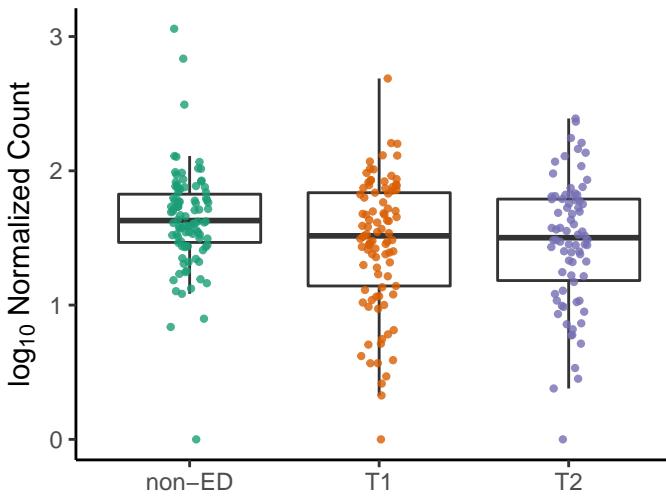
### Pseudomonas mandelii

non-ED vs. T1 adjusted p = 0.28  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.78



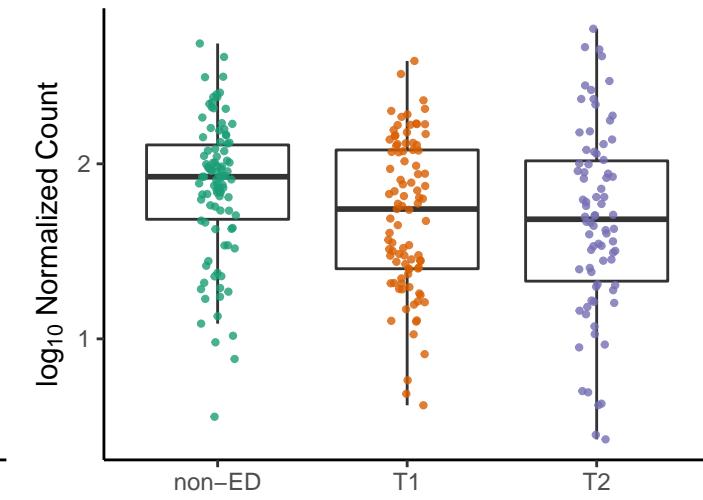
### Pseudomonas sp. R32

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.8

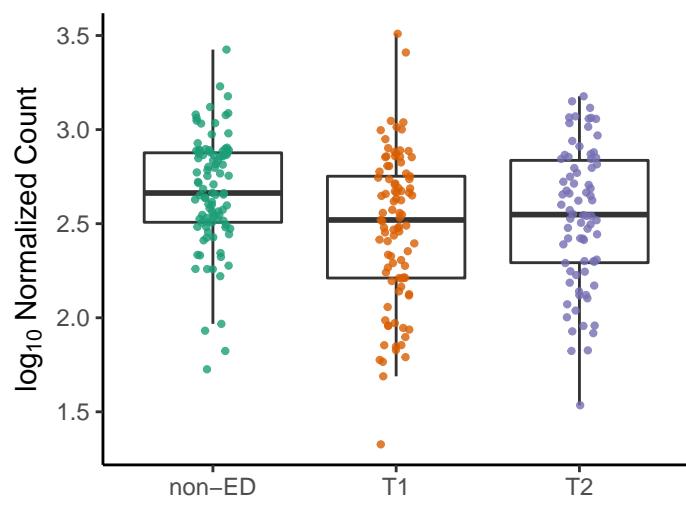


### Roseovarius sp. THAF9

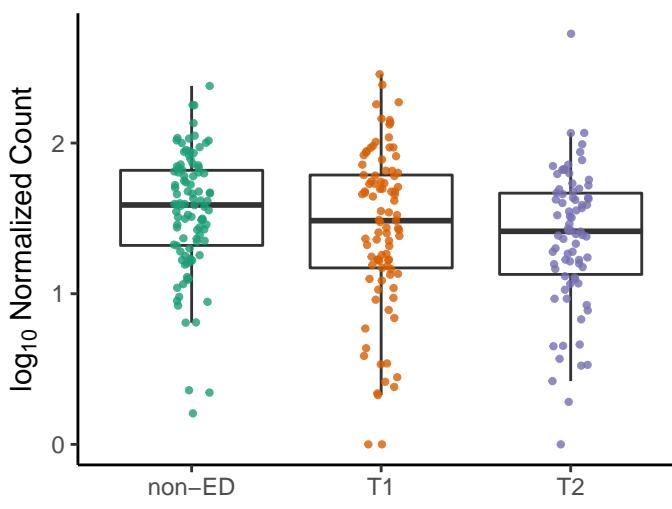
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.96



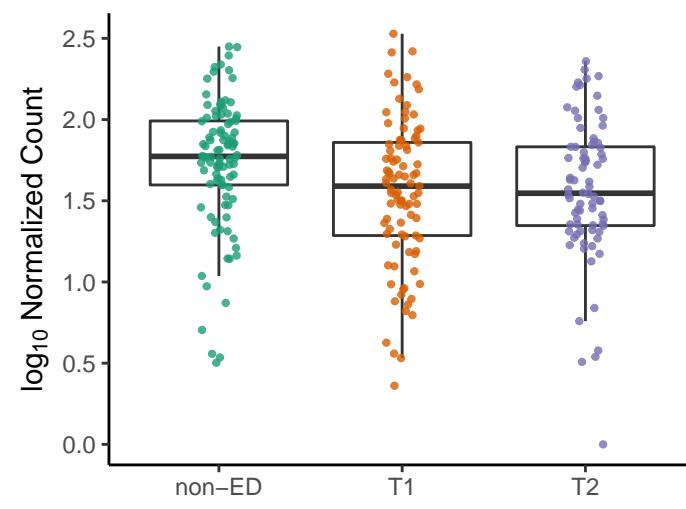
*Selenomonas* sp. oral taxon 920  
non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.63



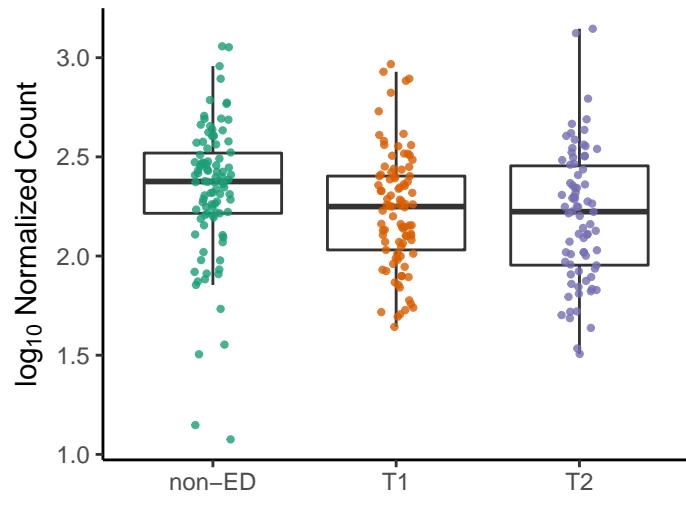
*Sphingobacterium* sp. B29  
non-ED vs. T1 adjusted p = 0.22  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.76



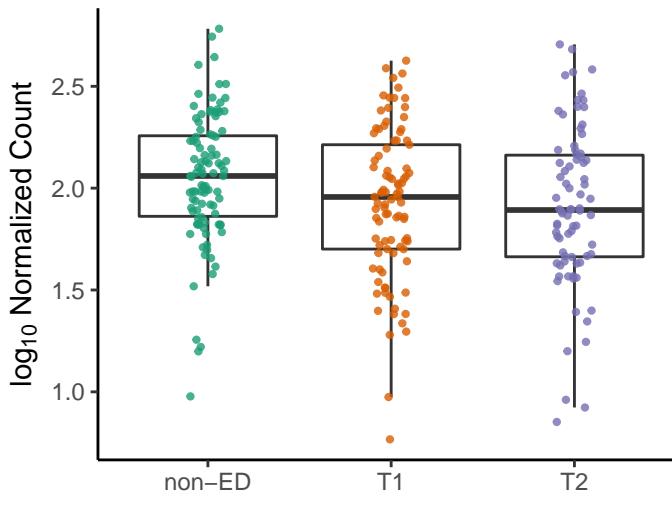
*Staphylococcus arlettae*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.98



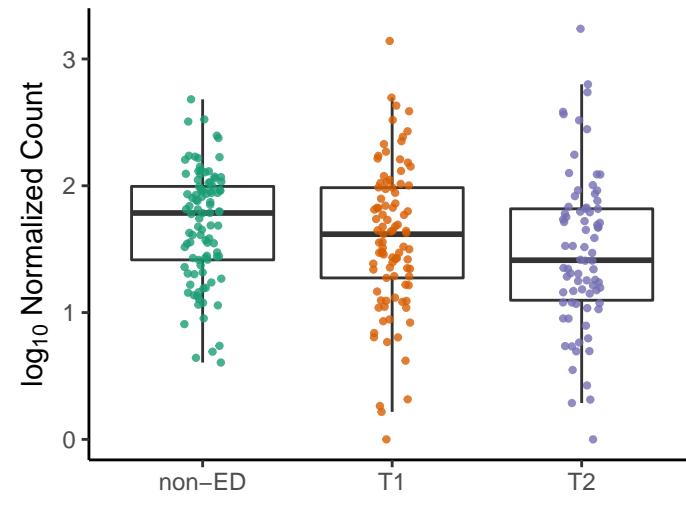
*Streptococcus ratti*  
non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.91



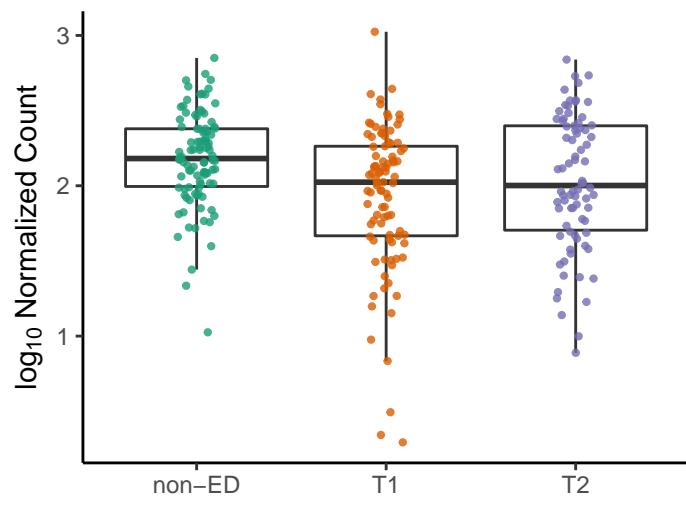
Unclassified *Virgibacillus* Genus  
non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.92



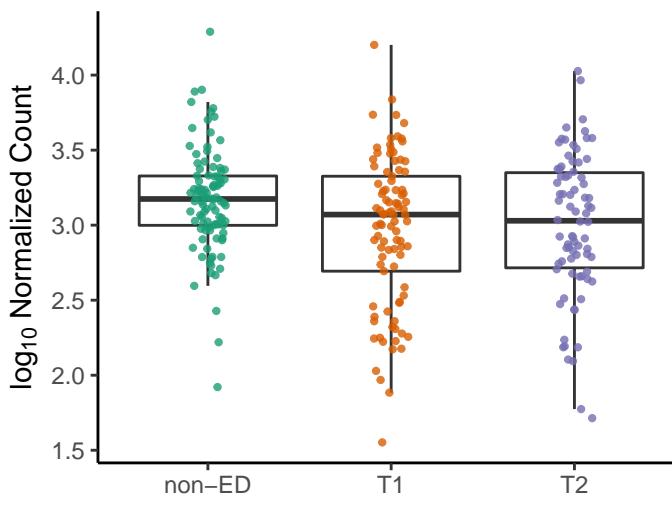
*Sphingopyxis lindanitolerans*  
non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.71



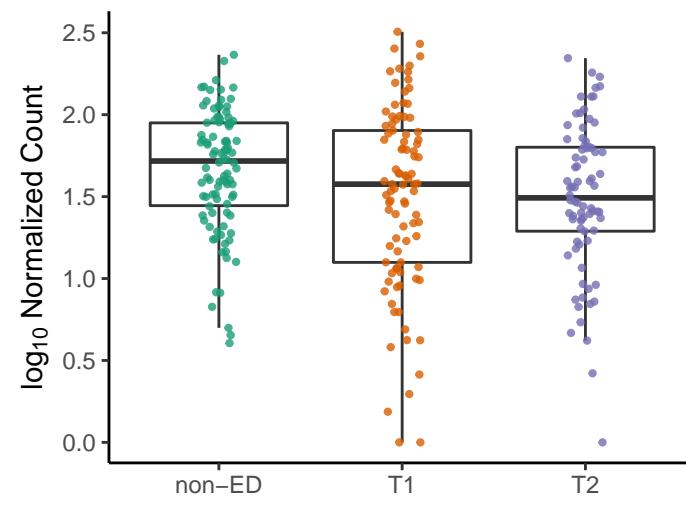
*Marmoricola scoriae*  
non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.61



*Olsenella umbonata*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.75

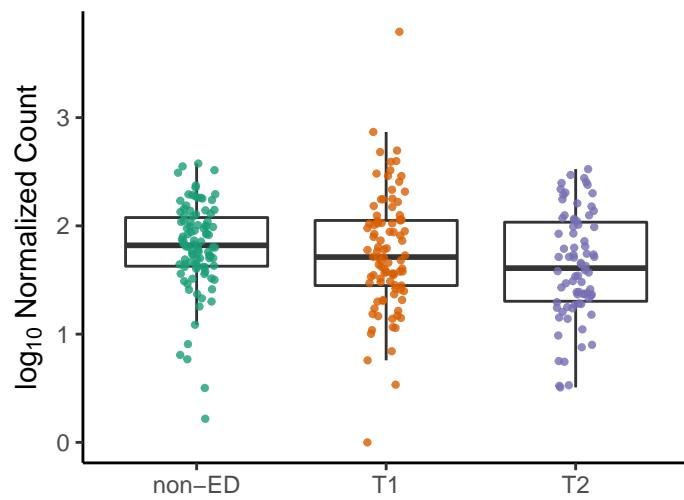


*Mycobacterium* sp. ELW1  
non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.88



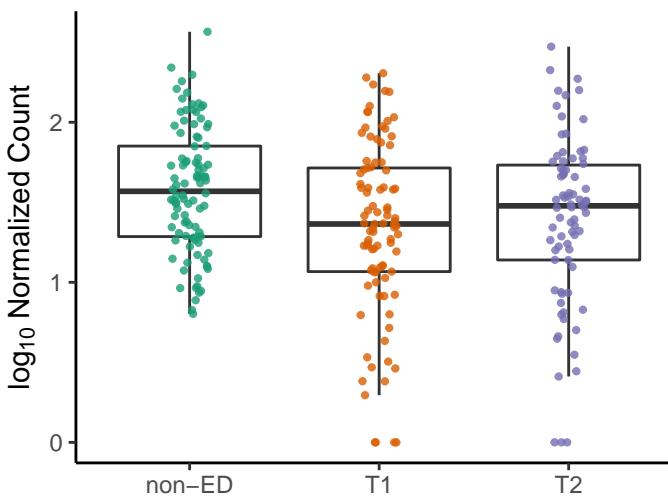
### *Fusobacterium hwasookii*

non-ED vs. T1 adjusted p = 0.53  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.7



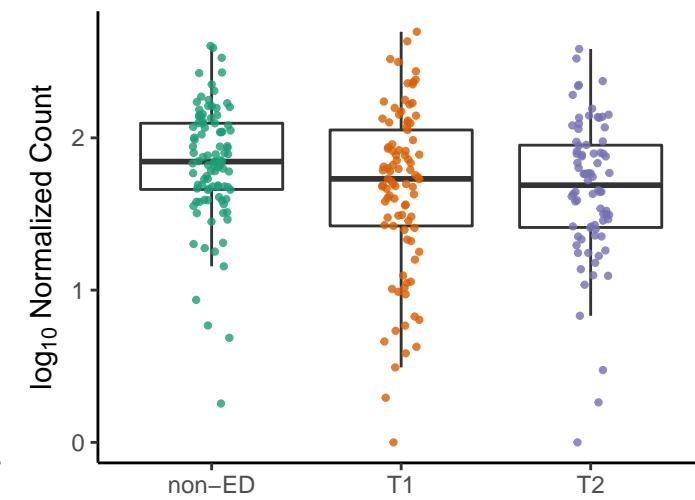
### *Hydrogenophaga pseudoflava*

non-ED vs. T1 adjusted p = 0.0072  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.68



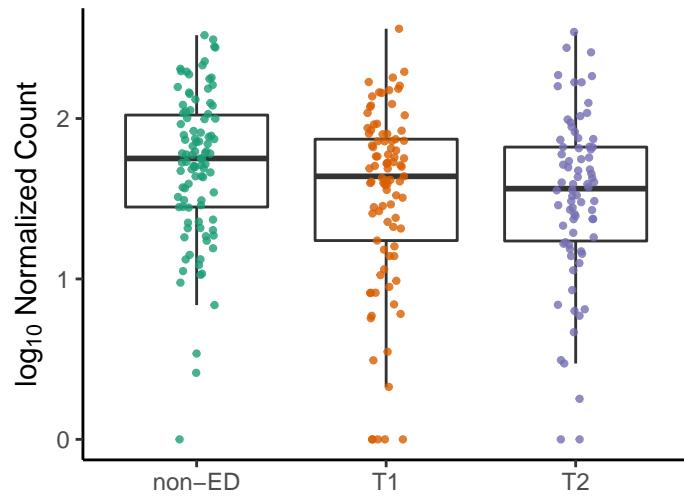
### *Novosphingobium* sp. THN1

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.87



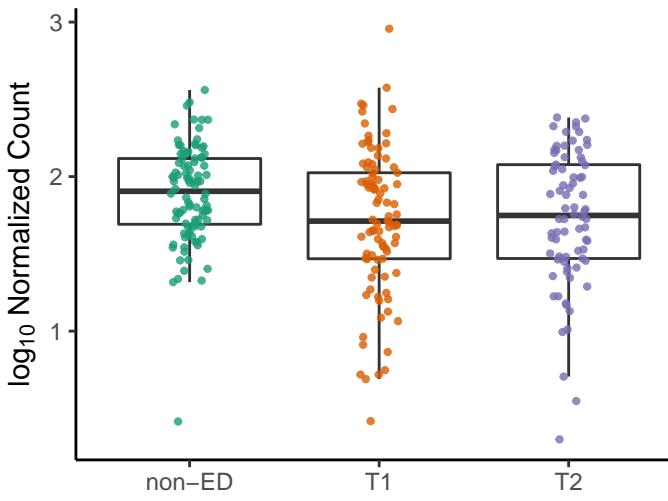
### *Mesorhizobium* sp. AA22

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



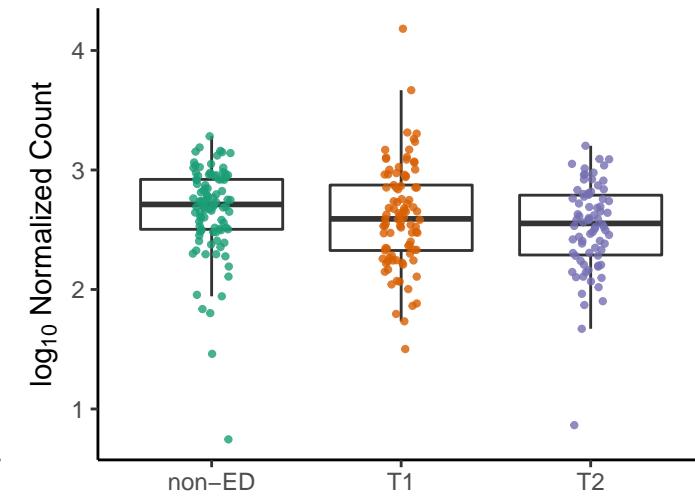
### *Mesorhizobium* sp. M4B.F.Ca.ET.058.02.

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.7



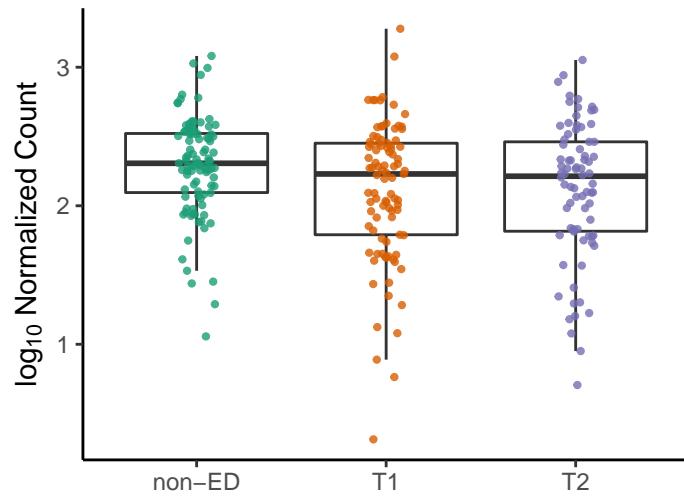
### Unclassified *Fusobacterium* Genus

non-ED vs. T1 adjusted p = 0.49  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.62



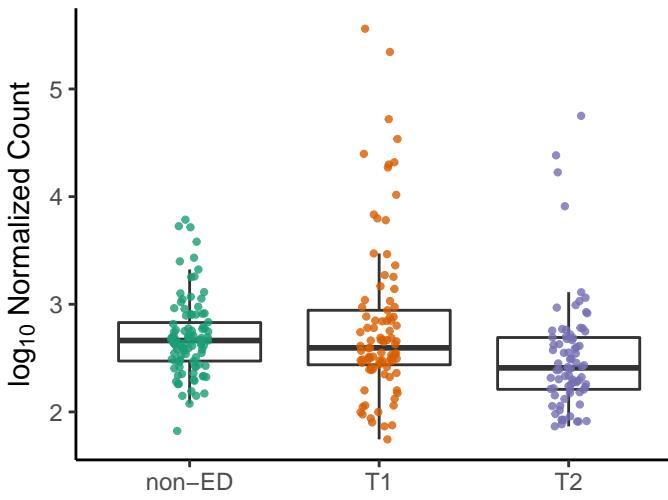
### *Amycolatopsis* sp. YIM 10

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.84



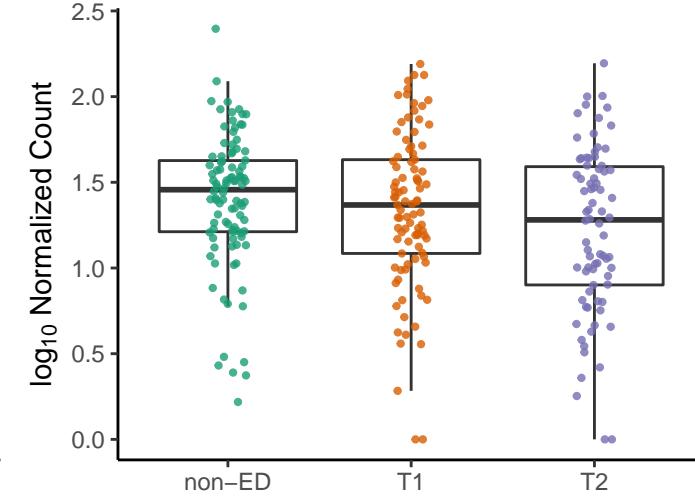
### *Klebsiella pneumoniae*

non-ED vs. T1 adjusted p = 0.3  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.1



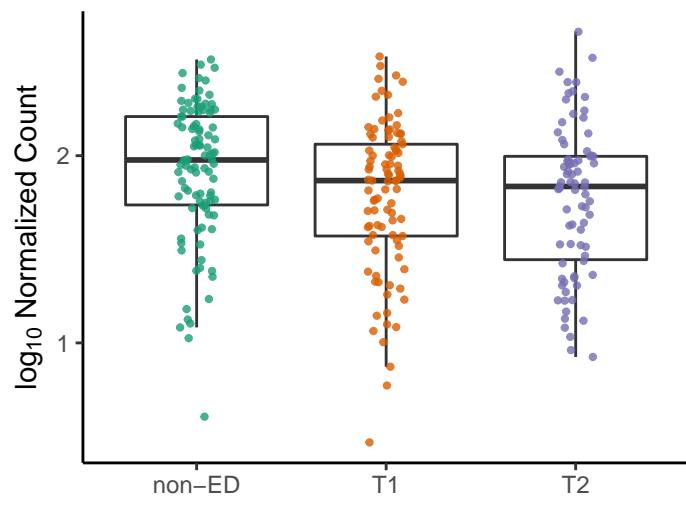
### *Legionella waltersii*

non-ED vs. T1 adjusted p = 0.47  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.66



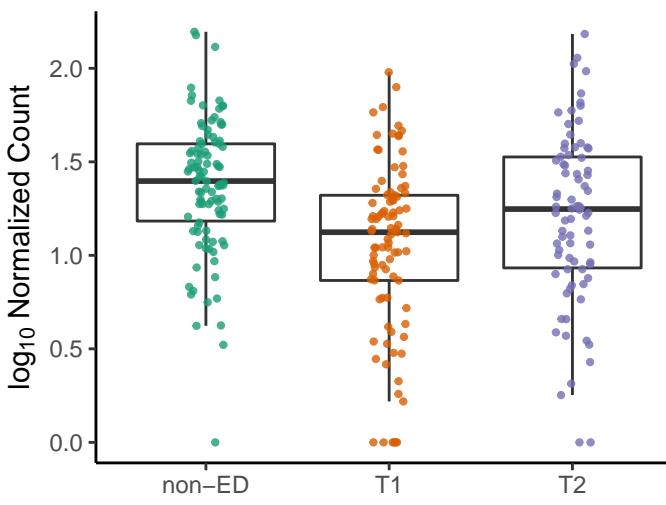
### *Mixta theicola*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.96



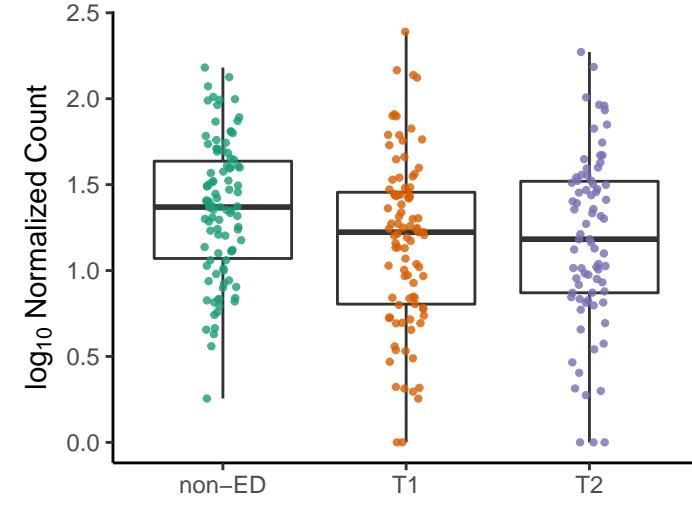
### Unclassified Carnobacteriaceae Family

non-ED vs. T1 adjusted p = 2.8e-05  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.31



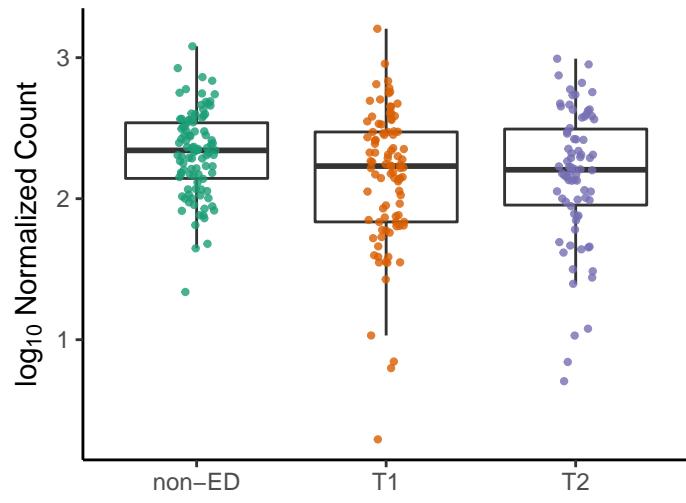
### Unclassified Tessaracoccus Genus

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.82



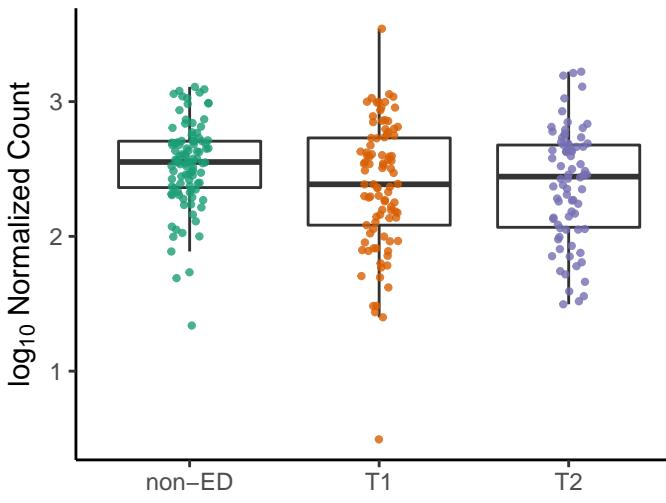
### *Pseudoxanthomonas suwonensis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.86



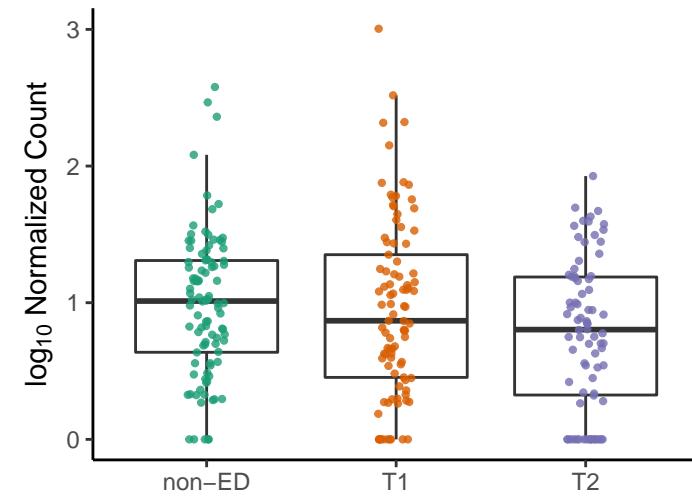
### *Streptomyces albus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.77



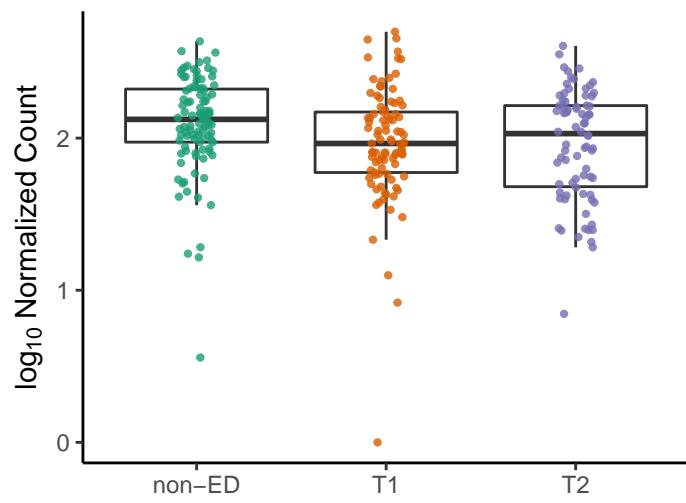
### Unclassified Cedecea Genus

non-ED vs. T1 adjusted p = 0.78  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.55



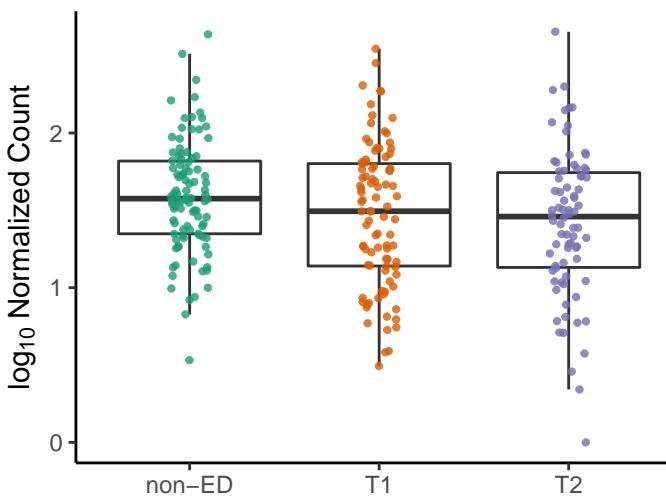
### *Virgibacillus necropolis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.89



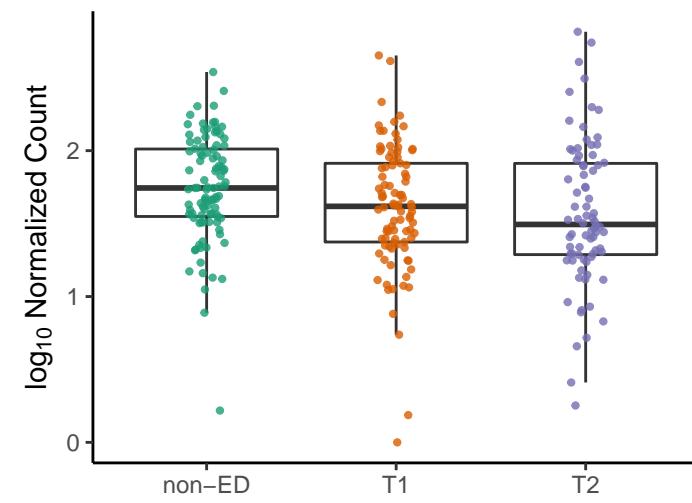
### *Salinibacterium sp. UTAS2018*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



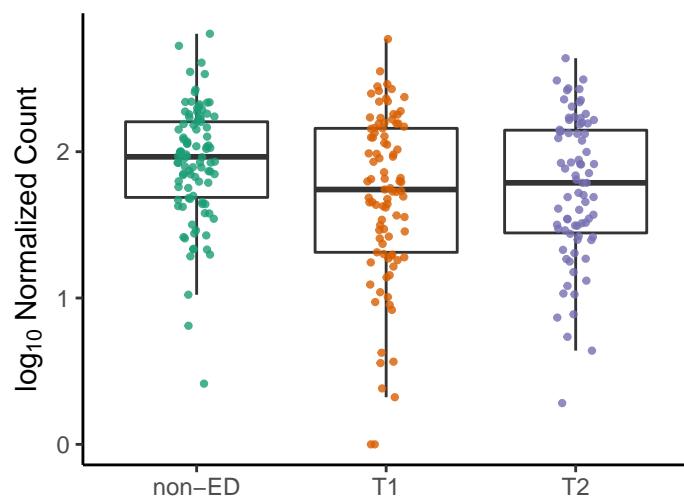
### *Limnobaculum parvum*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.86



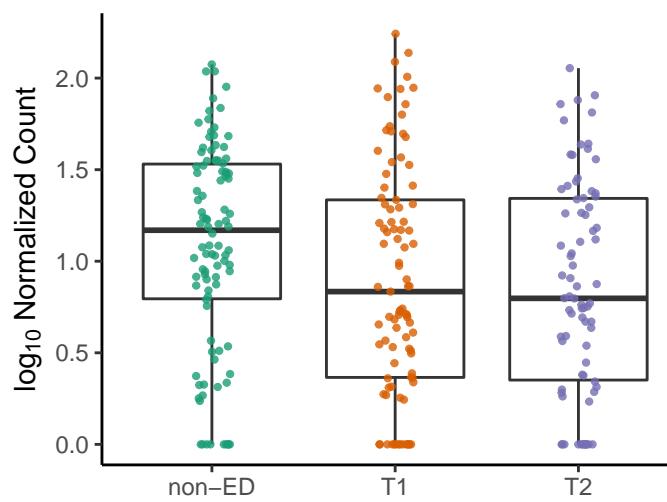
### *Limnohabitans* sp. 63ED37-2

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.66



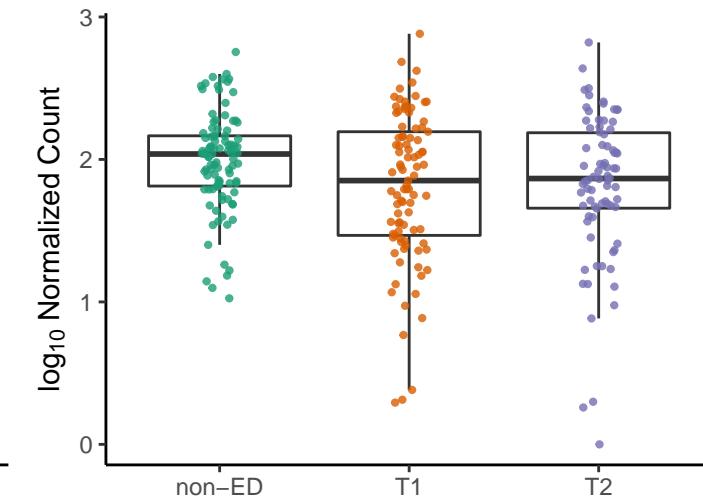
### *Pseudomonas mosselii*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 1



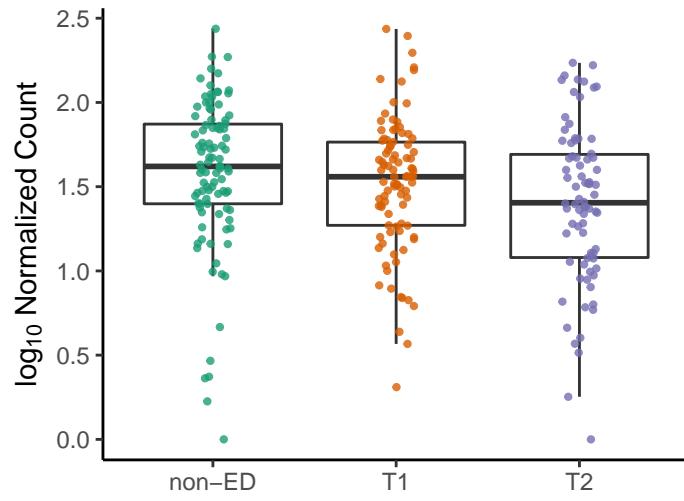
### *Altererythrobacter* sp. B11

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.77



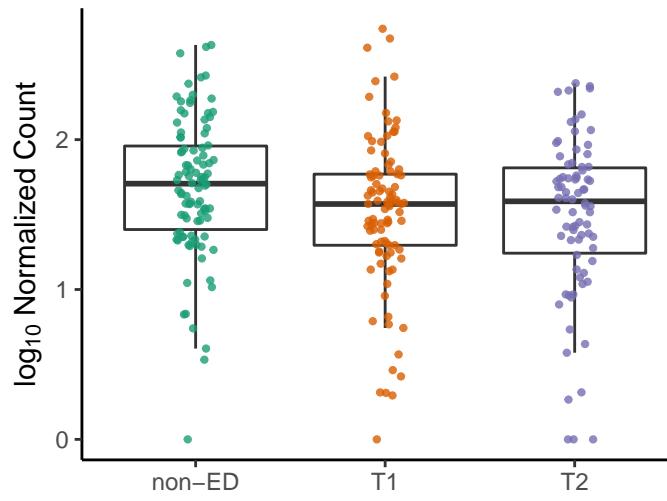
### *Flavobacterium indicum*

non-ED vs. T1 adjusted p = 0.44  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.67



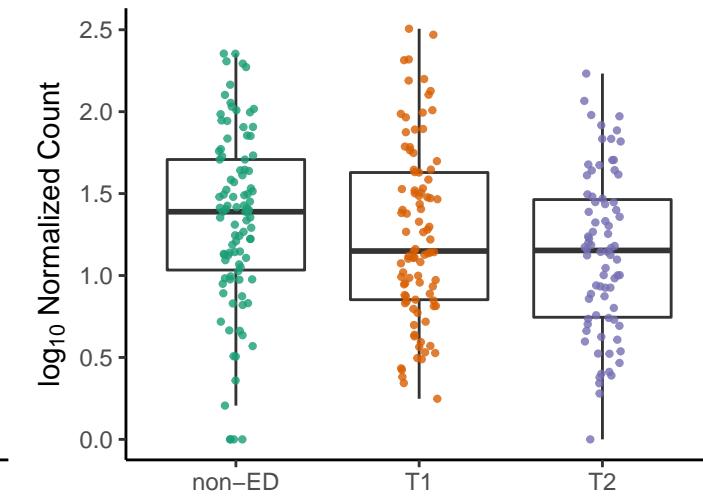
### *Dermabacter jinjuensis*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.95



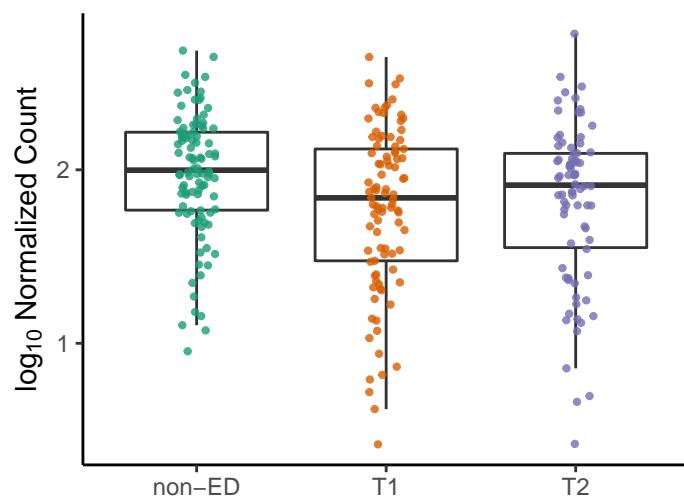
### *Spiroplasma gladiatoris*

non-ED vs. T1 adjusted p = 0.41  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.66



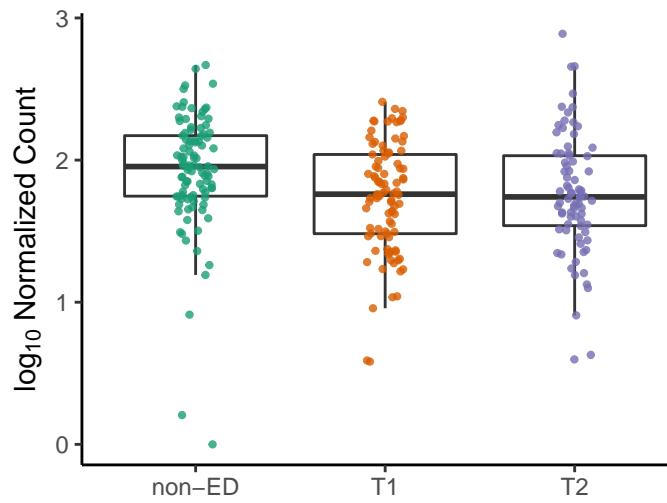
### *Corynebacterium efficiens*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.73



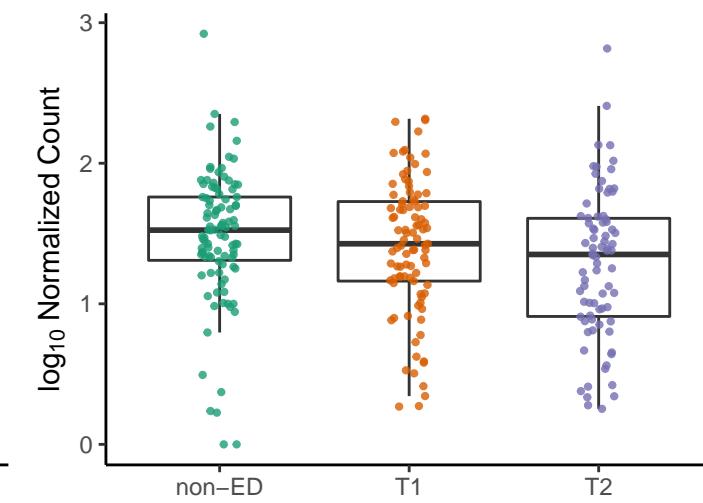
### *Geminocystis herdmanii*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.94



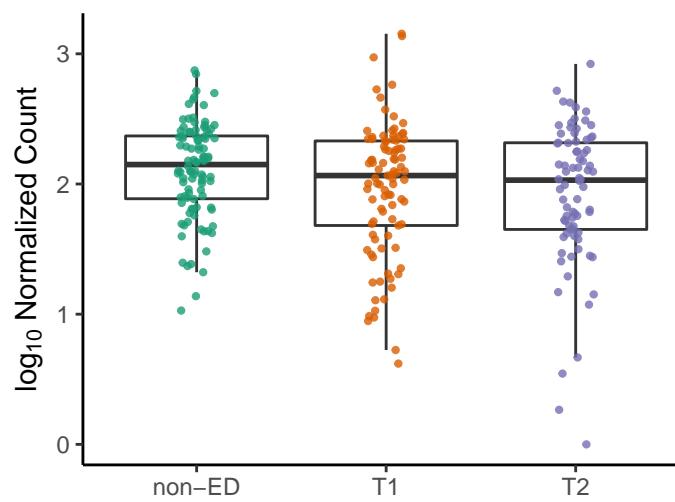
### Unclassified Apibacter Genus

non-ED vs. T1 adjusted p = 0.41  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.42



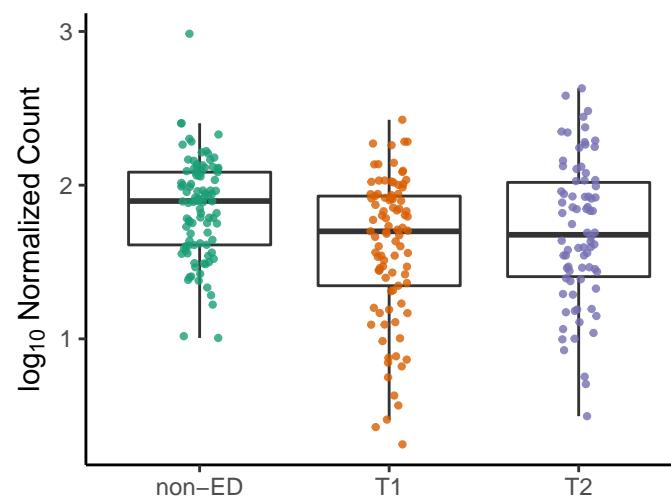
### *Hymenobacter oligotrophus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.93



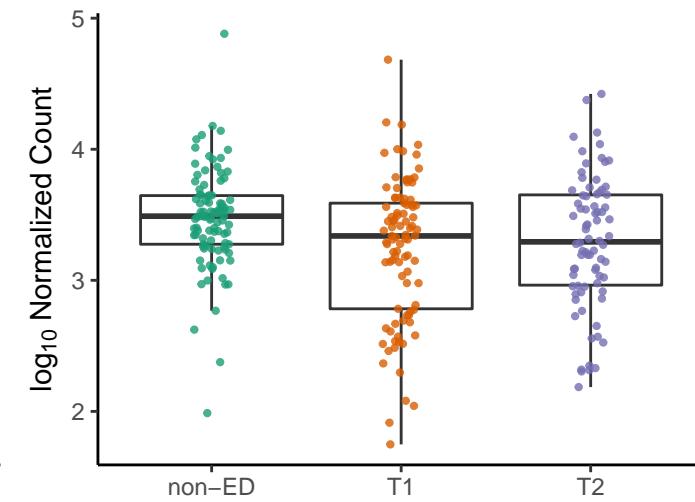
### *Pseudomonas* sp. 7SR1

non-ED vs. T1 adjusted p = 0.00082  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.57



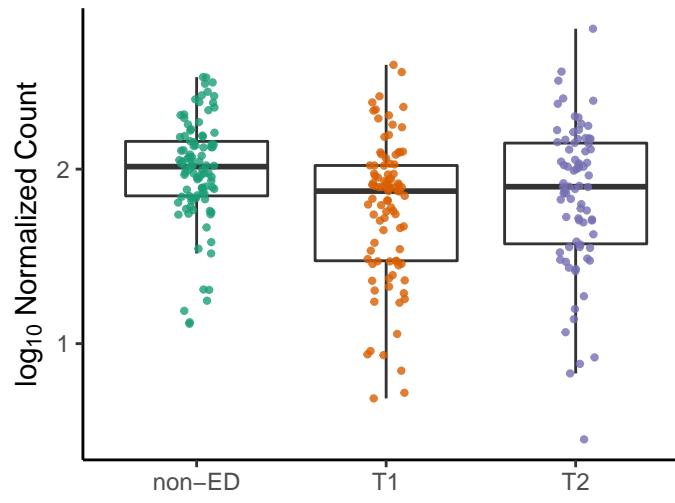
### Unclassified Atopobiaceae Family

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.68



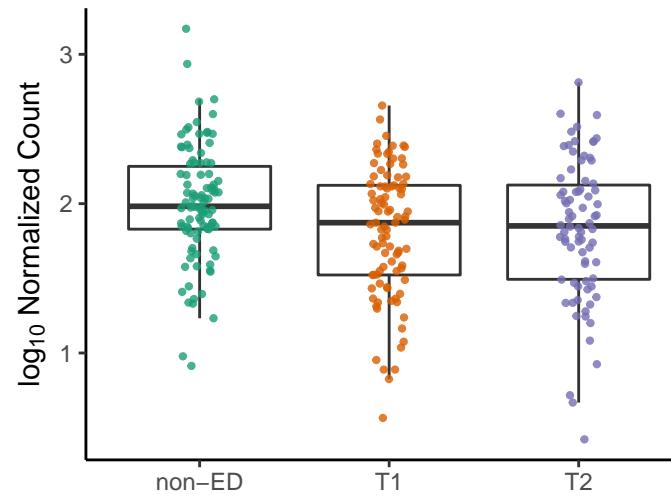
### *Kushneria* sp. YCWA18

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.63



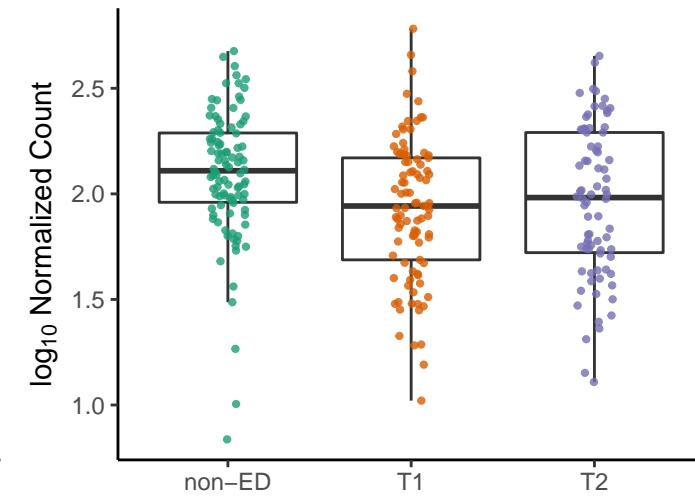
### *Mesorhizobium* sp. M6A.T.Cr.TU.016.01.

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.82



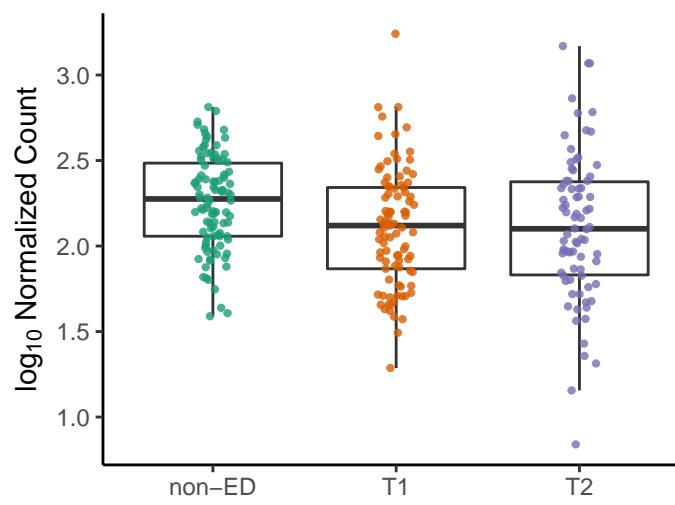
### *Nostoc* sp. CENA543

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.77



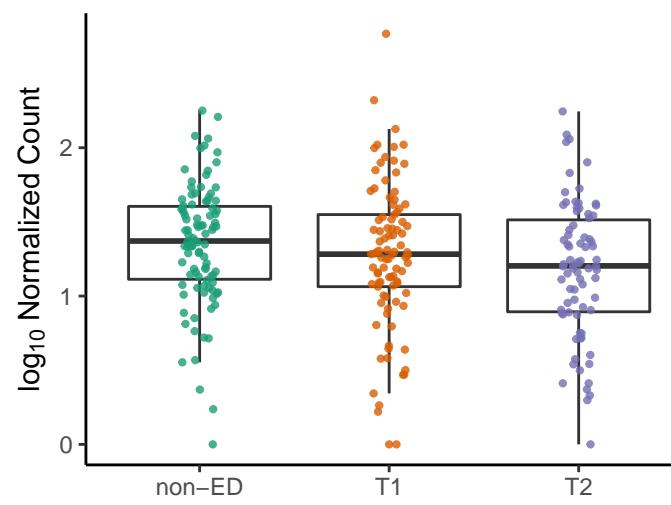
### *Salinicoccus halodurans*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.92



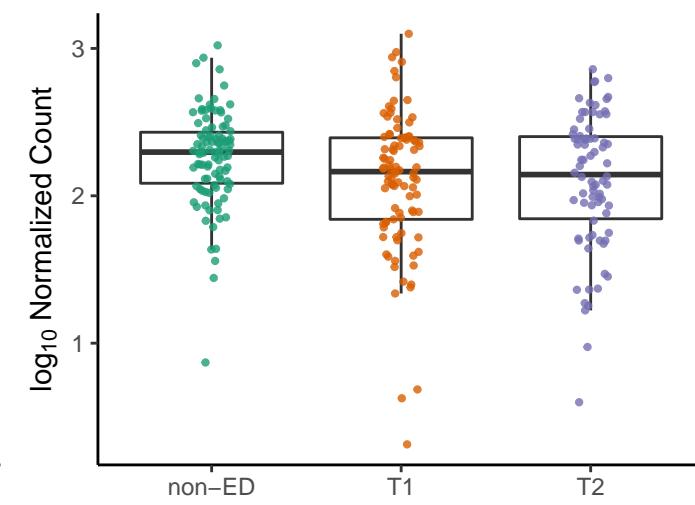
### *Actinobacillus indolicus*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.7



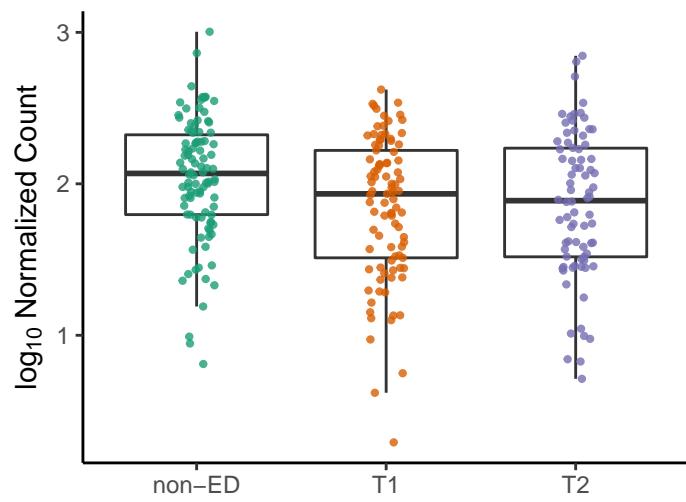
### *Corynebacterium vitaeruminis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.84



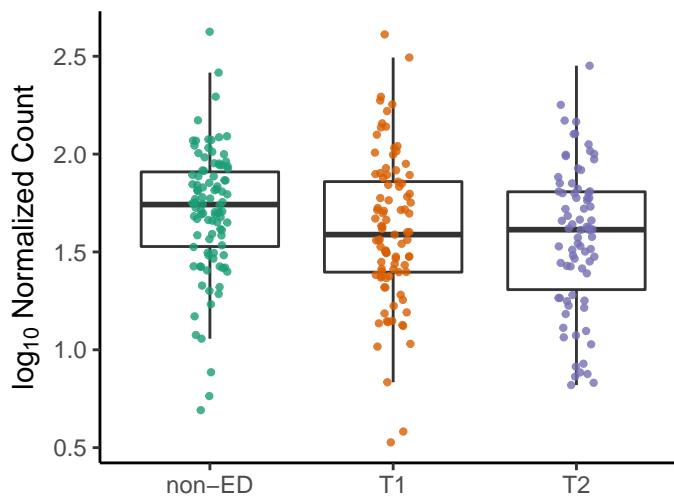
### *Ectothiorhodospira* sp. BSL-9

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.91



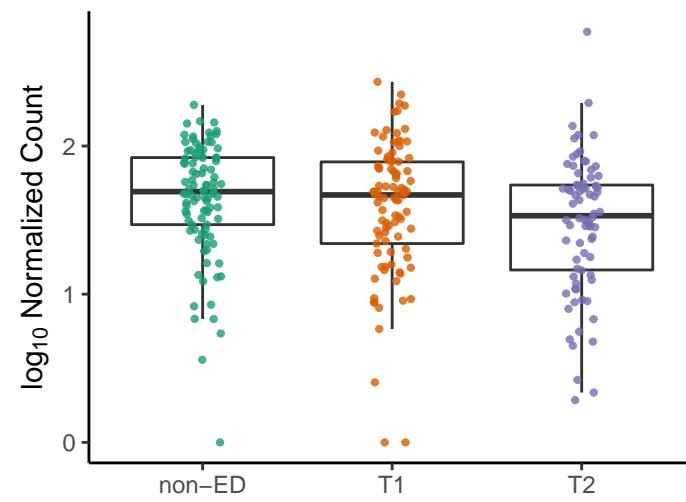
### *Ochrobactrum quorumnocens*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.78



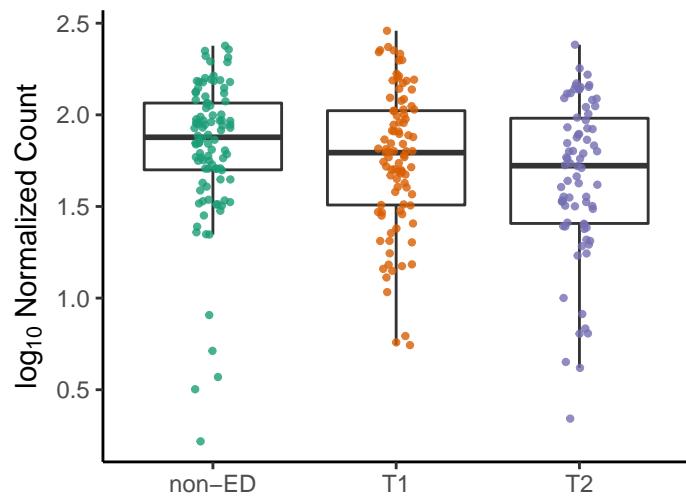
### *Staphylococcus pseudintermedius*

non-ED vs. T1 adjusted p = 0.45  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.67



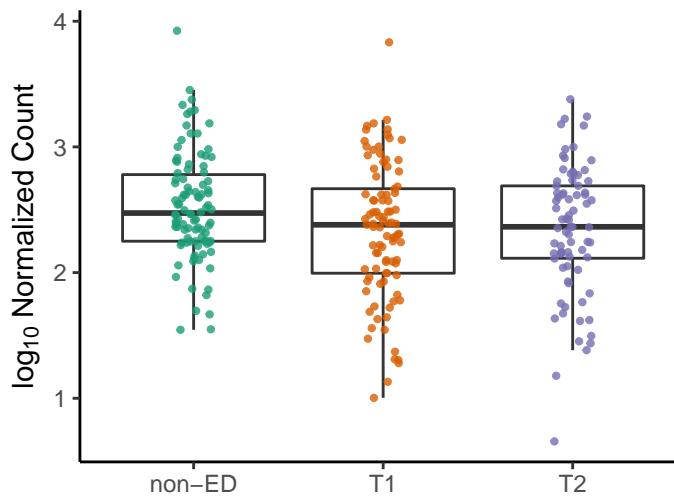
### *Tenacibaculum jejuense*

non-ED vs. T1 adjusted p = 0.38  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.63



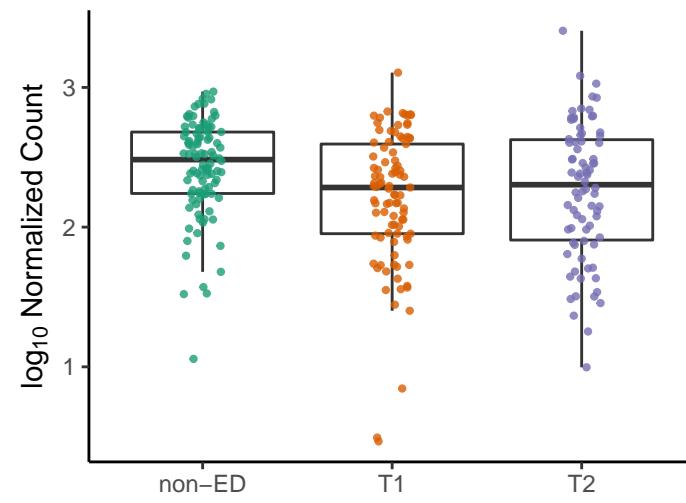
### *Actinomyces hongkongensis*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.73



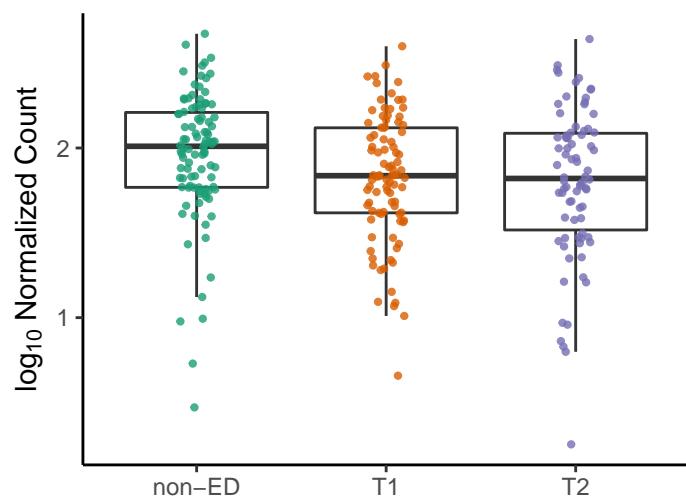
### *Conexibacter woesei*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.73



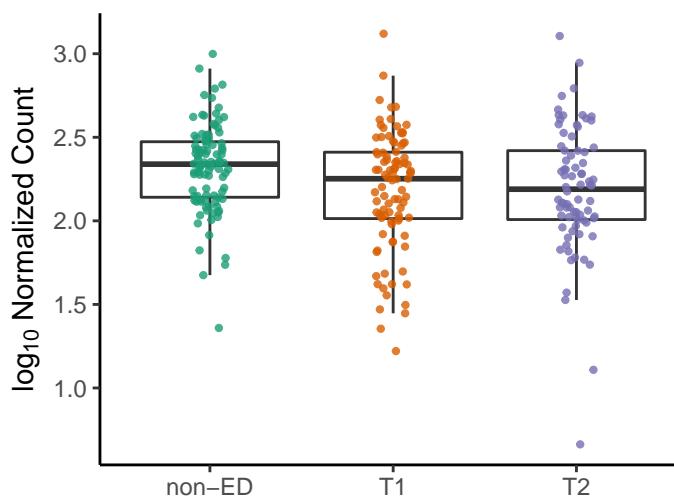
### Unclassified Bartonella Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



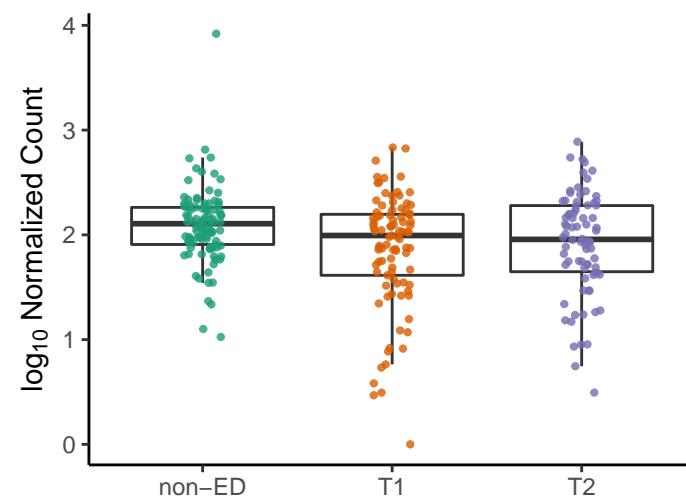
### Unclassified Exiguobacterium Genus

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.81

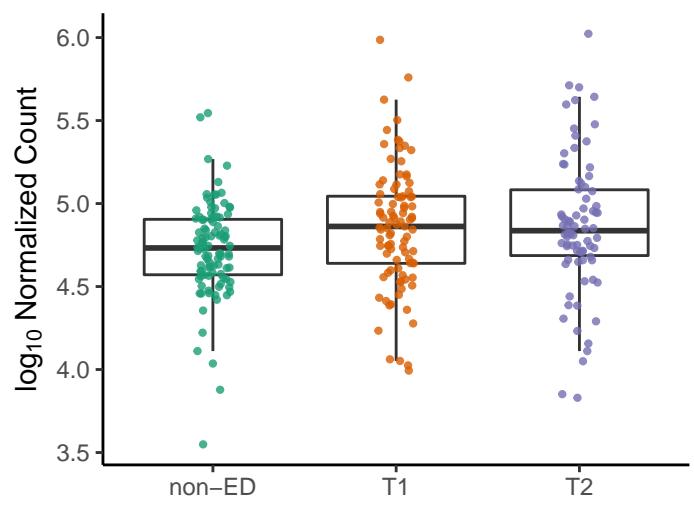


### *Methylobacterium brachiatum*

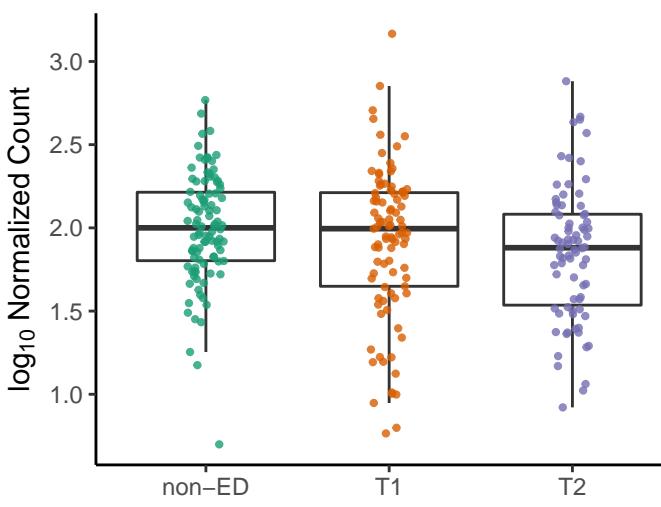
non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



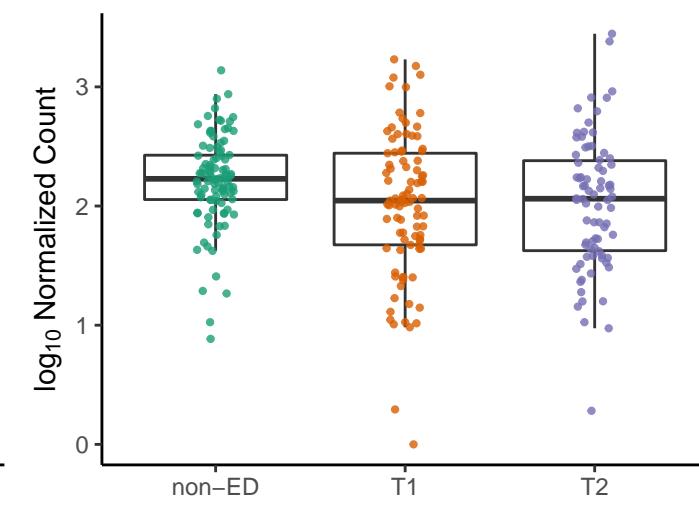
**Clostridiales bacterium CCNA10**  
 non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.86



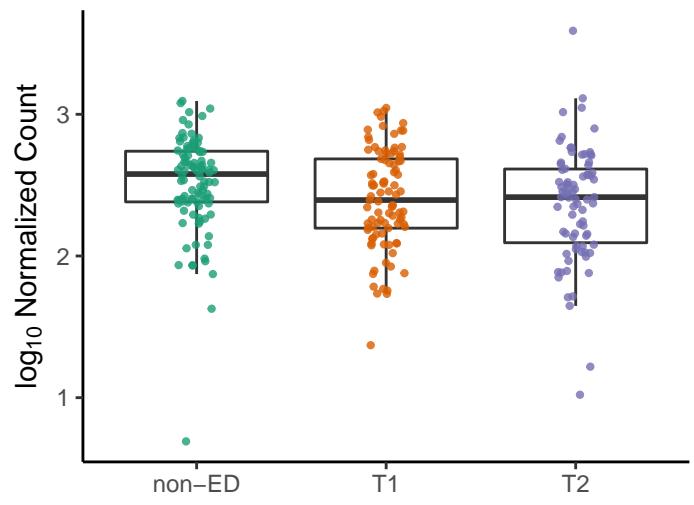
**Streptomyces globisporus**  
 non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.91



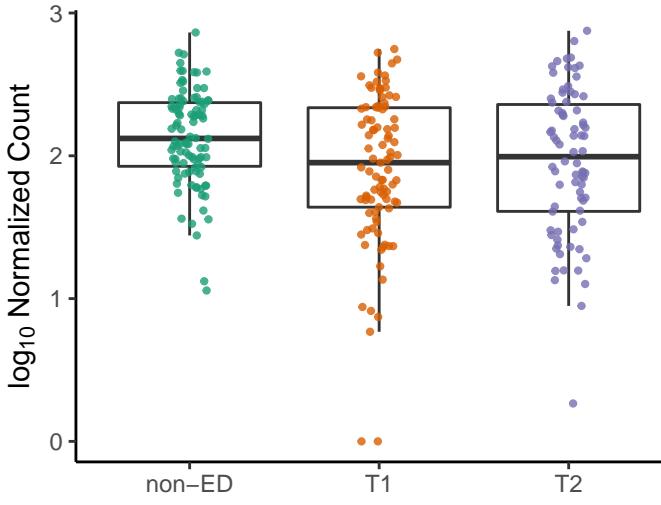
**Thioalkalivibrio versutus**  
 non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.88



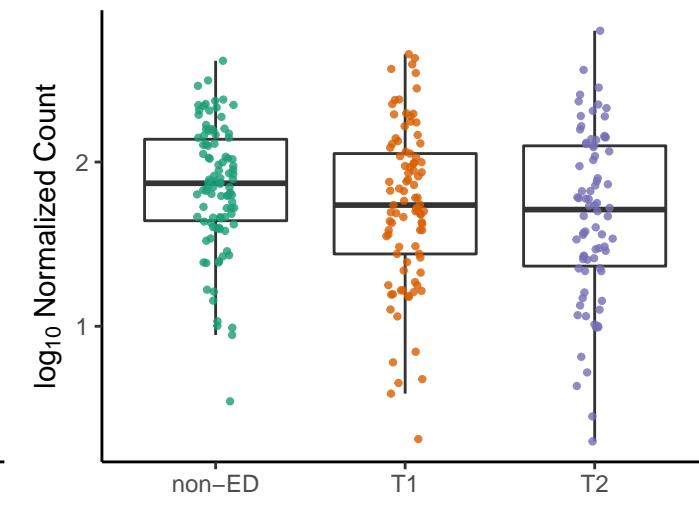
**Clostridium acetobutylicum**  
 non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.79



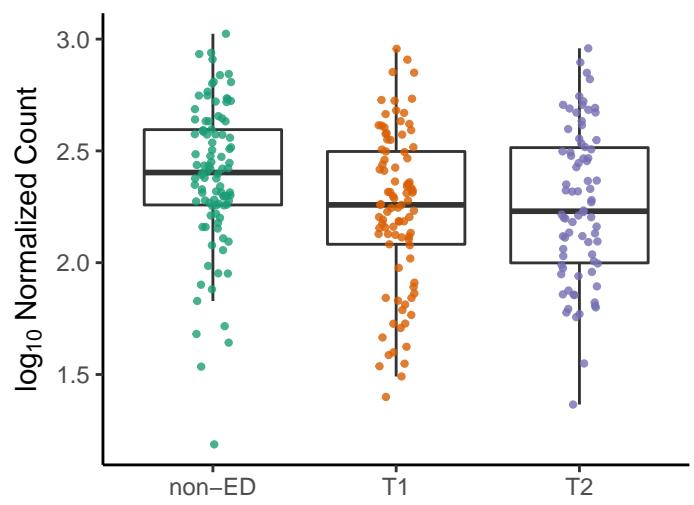
**Ilumatobacter coccineus**  
 non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.71



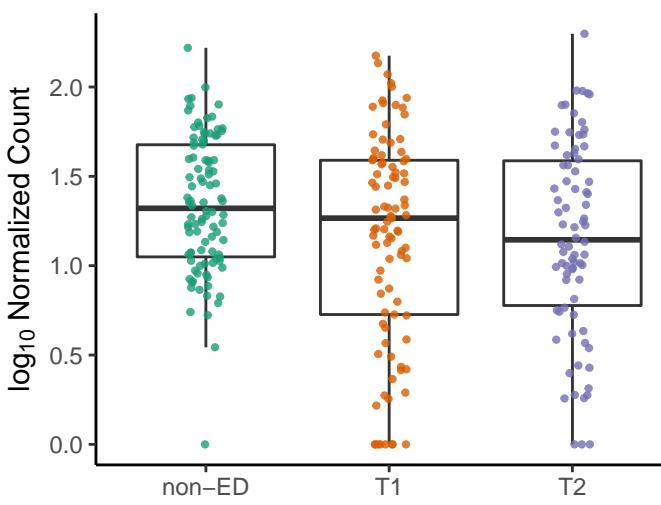
**Sphingomonas sp. C8-2**  
 non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.87



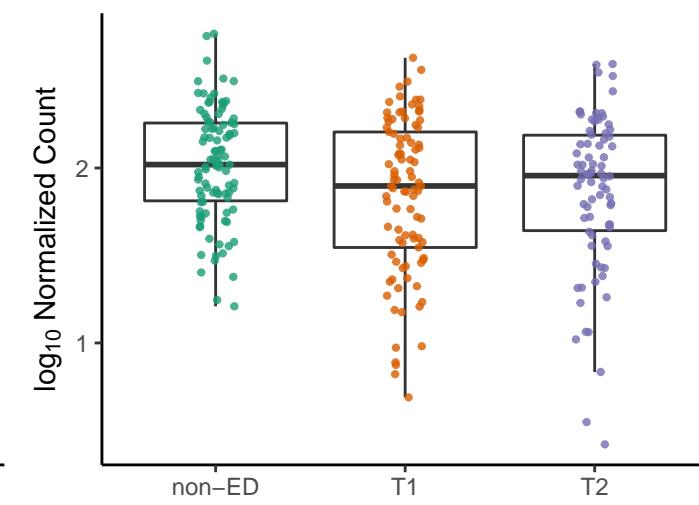
**Paenibacillus sp. Y412MC10**  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



**Unclassified Streptosporangiales Order**  
 non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.79

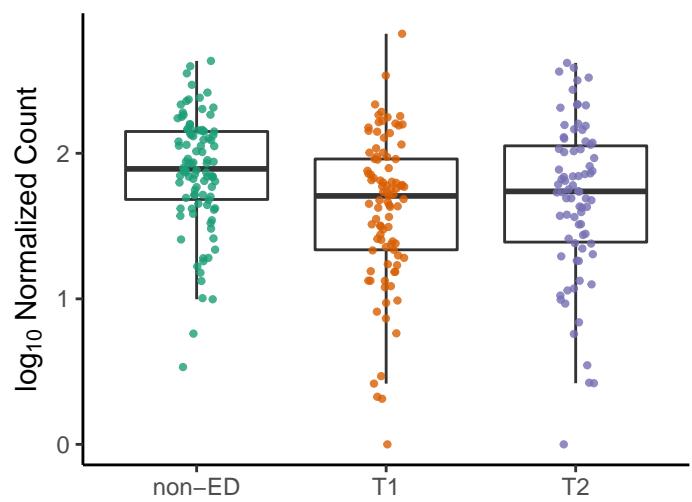


**Aminobacter sp. MSH1**  
 non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.84



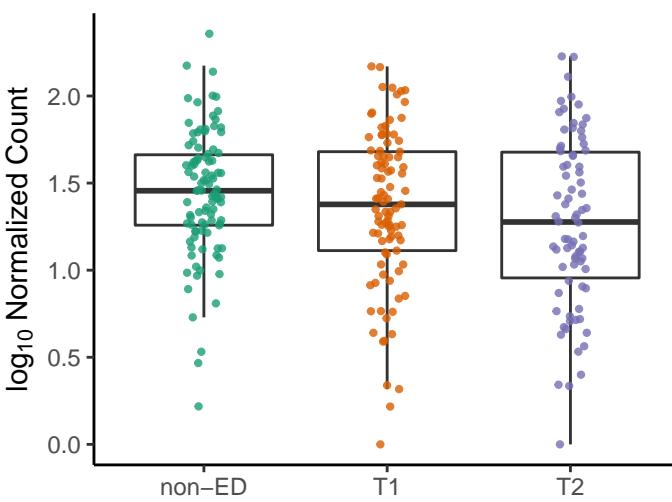
### *Stenotrophomonas* sp. ESTM1D\_MKCIF

non-ED vs. T1 adjusted p = 0.0033  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.67



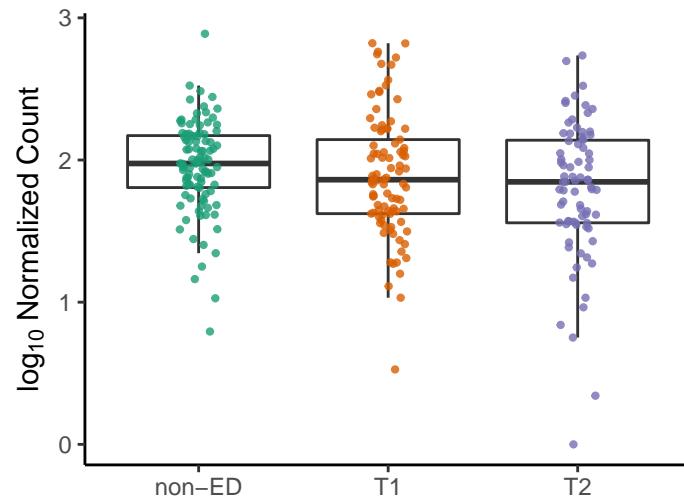
### *Chlamydia suis*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.7



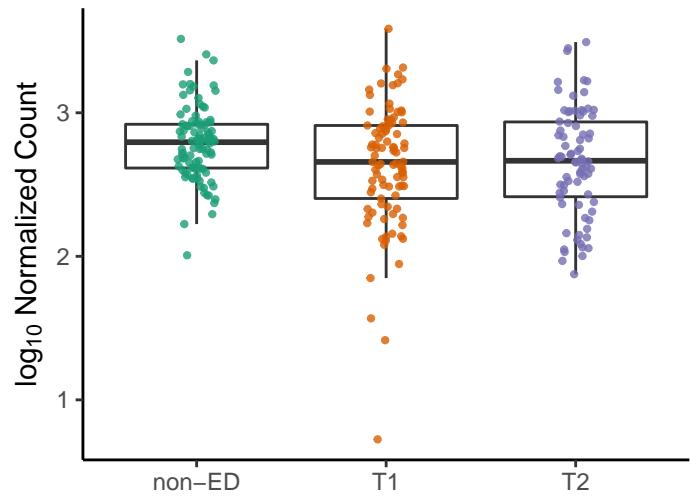
### *Lysinibacillus timonensis*

non-ED vs. T1 adjusted p = 0.38  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.63



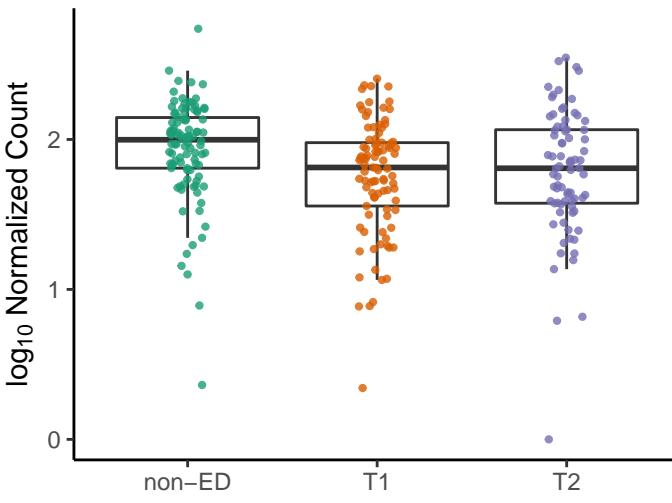
### Unclassified Xanthomonas Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.73



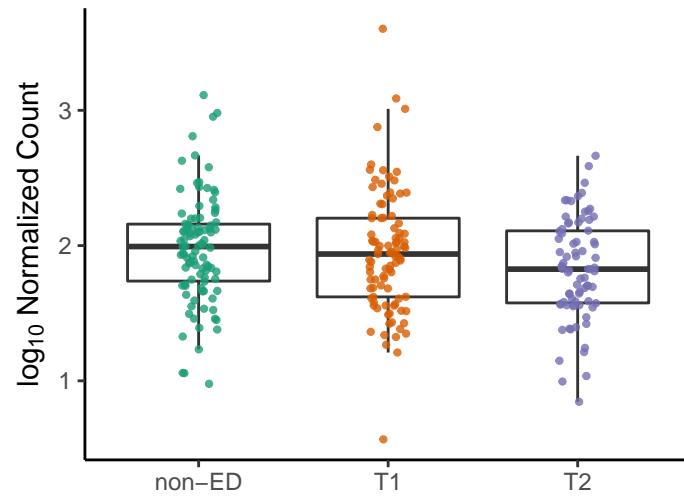
### *Sporosarcina pasteurii*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.9



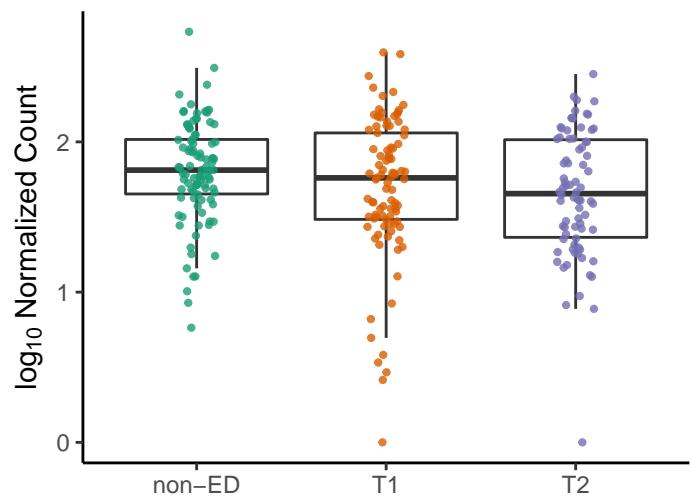
### *Atlantibacter hermannii*

non-ED vs. T1 adjusted p = 0.77  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.68



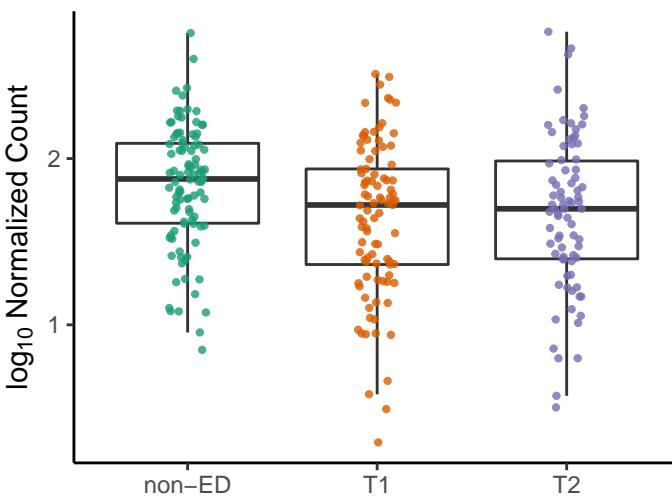
### *Bradyrhizobium* sp. 1(2017)

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.81



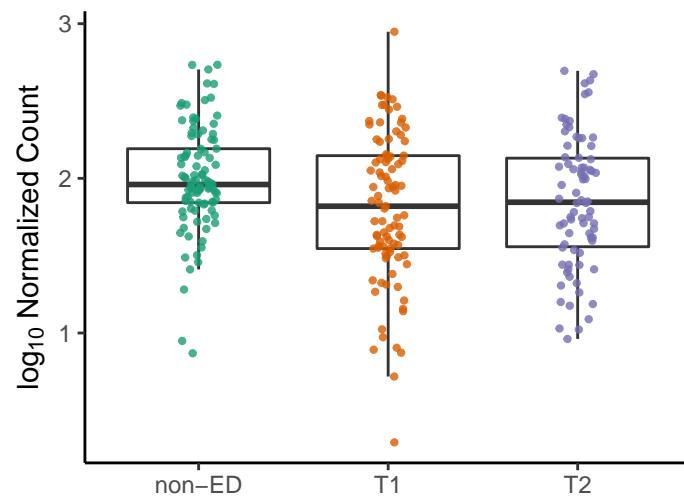
### *Gordonia insulae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.75

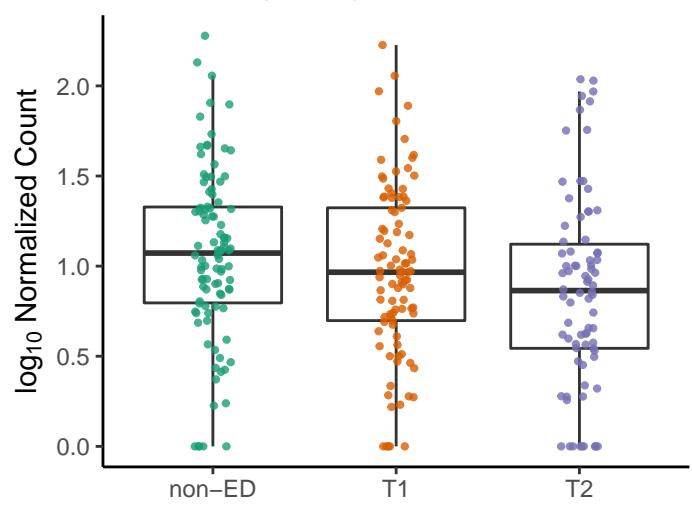


### *Luteimonas* sp. JM171

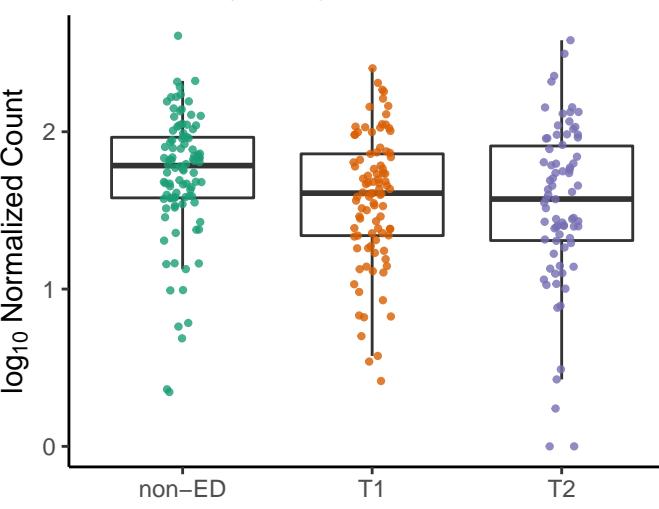
non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.72



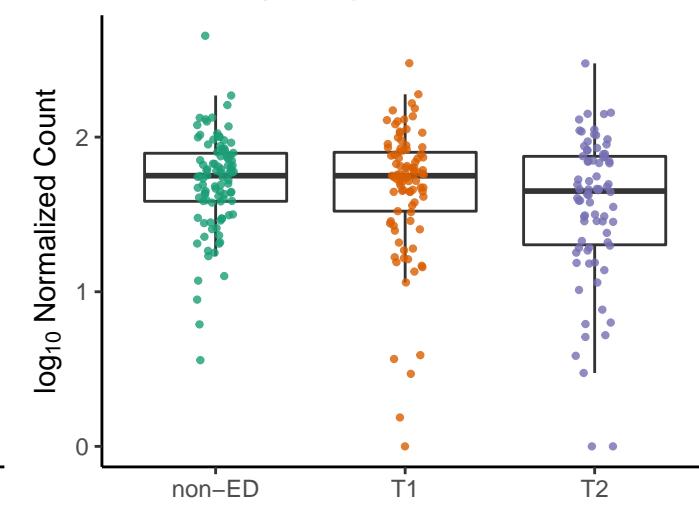
*Pseudoalteromonas* sp. 16-SW-7  
non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.59



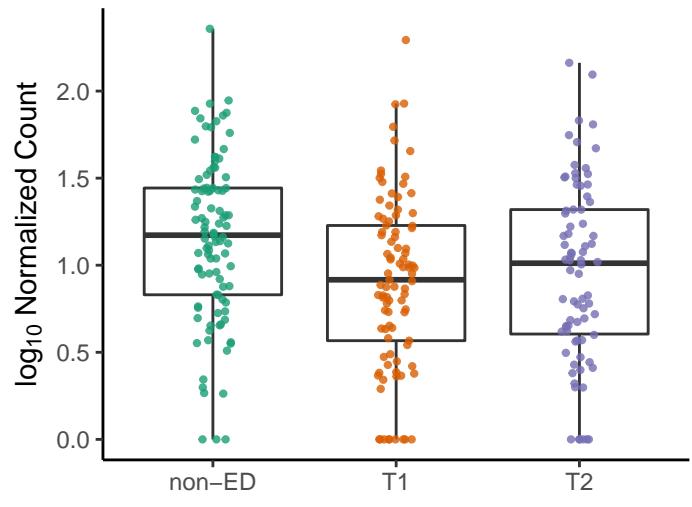
Unclassified Actinobacillus Genus  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.91



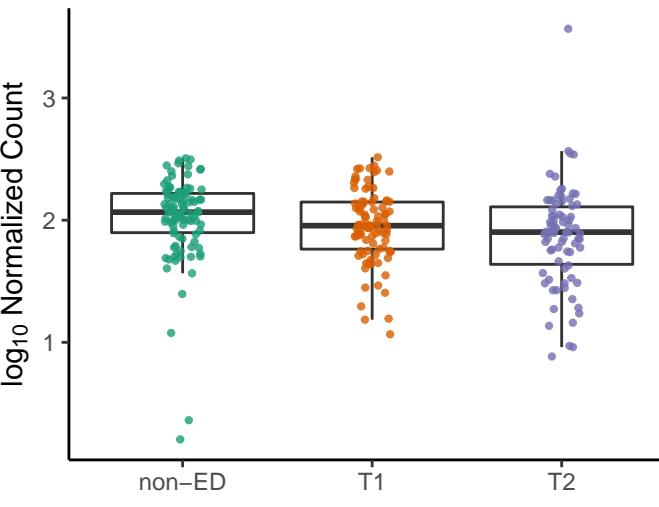
*Idiomarina* sp. OT37-5b  
non-ED vs. T1 adjusted p = 0.54  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.57



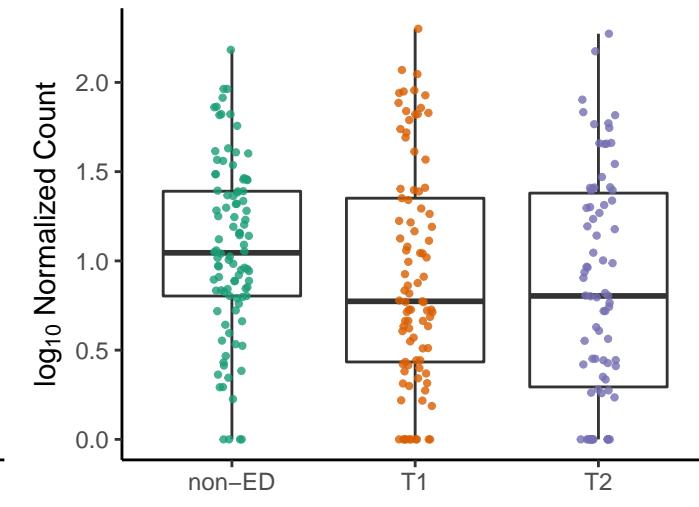
*Thermococcus eurythermalis*  
non-ED vs. T1 adjusted p = 0.0073  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.74



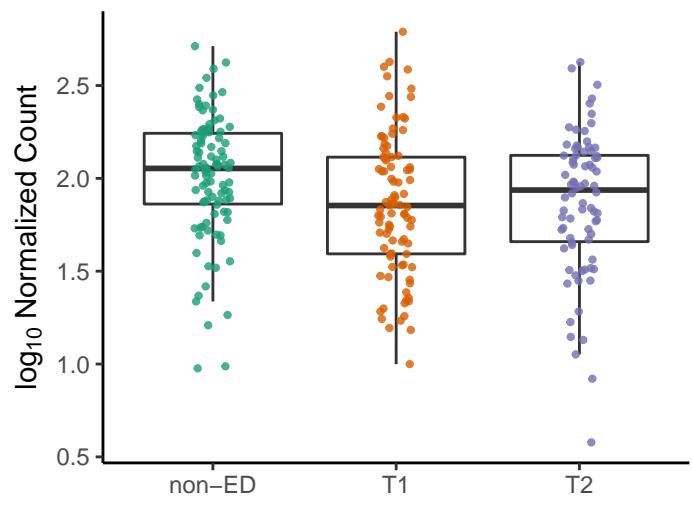
Unclassified Providencia Genus  
non-ED vs. T1 adjusted p = 0.29  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.63



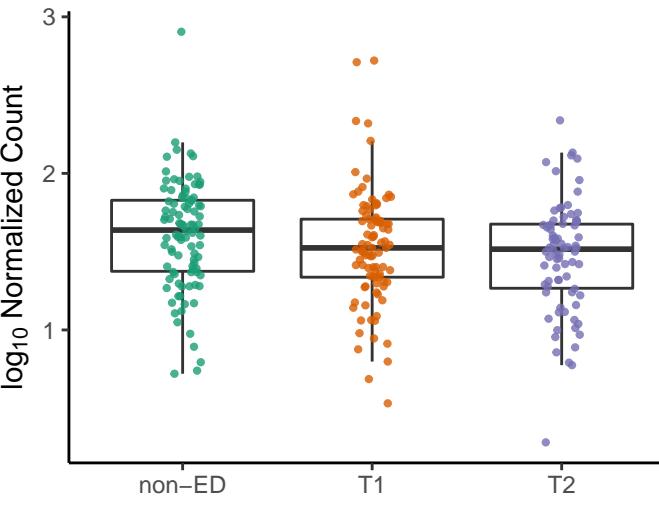
*Rickettsia canadensis*  
non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.81



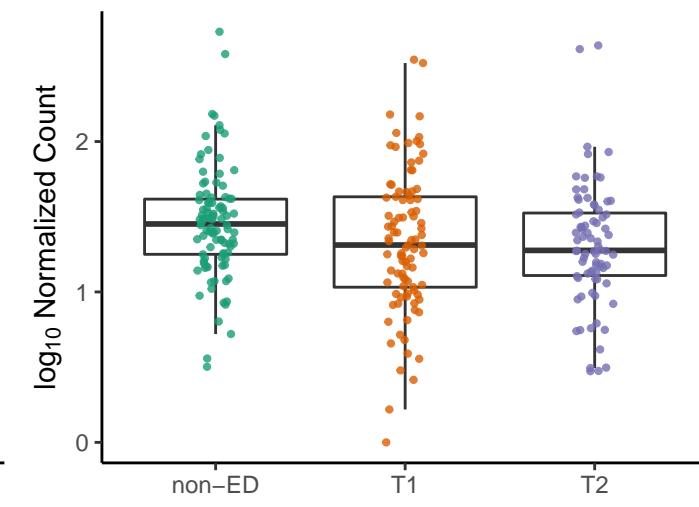
*Campylobacter concisus*  
non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.97



*Brevibacillus formosus*  
non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.83

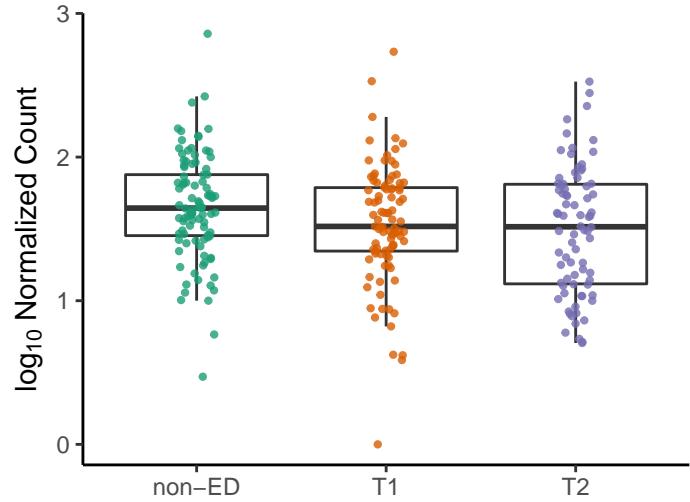


*Oceanisphaera profunda*  
non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.93



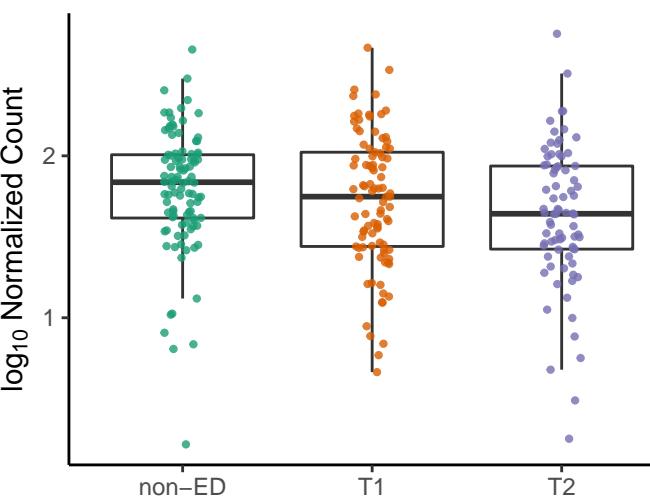
### Dickeya dianthicola

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 1



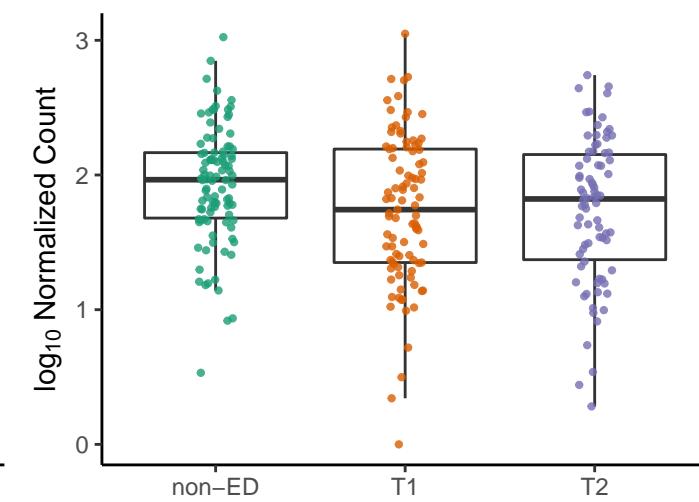
### Leptotrichia shahii

non-ED vs. T1 adjusted p = 0.38  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.69



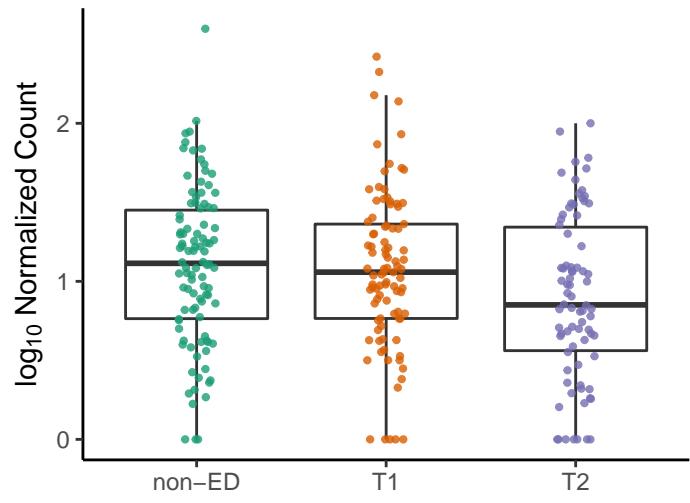
### Rhodobacter capsulatus

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.93



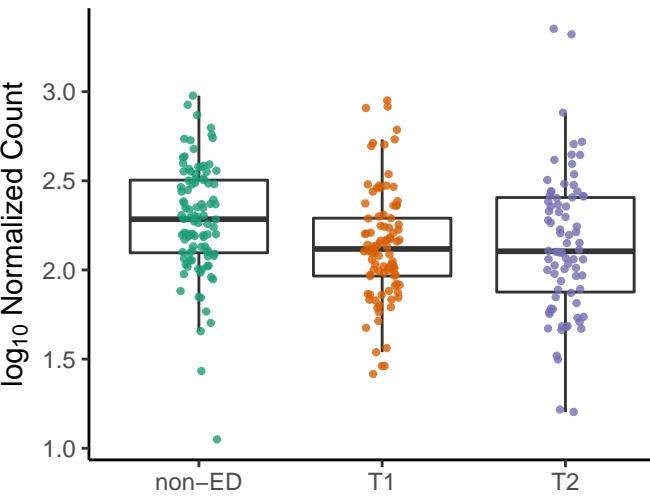
### Spiroplasma syrphidicola

non-ED vs. T1 adjusted p = 0.84  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.4



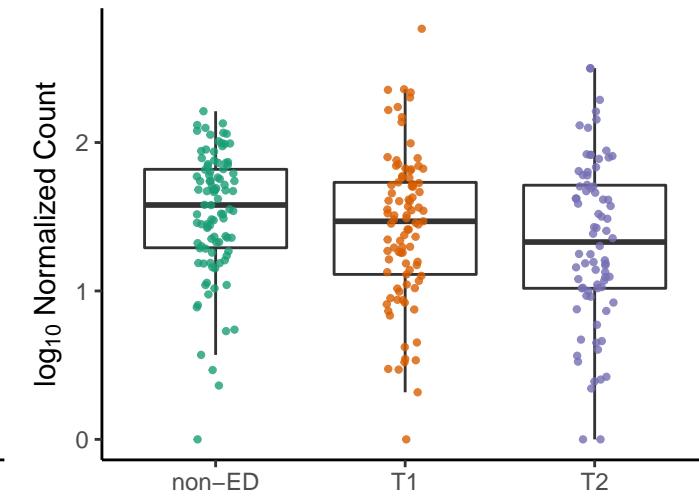
### Bacillus clausii

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.87



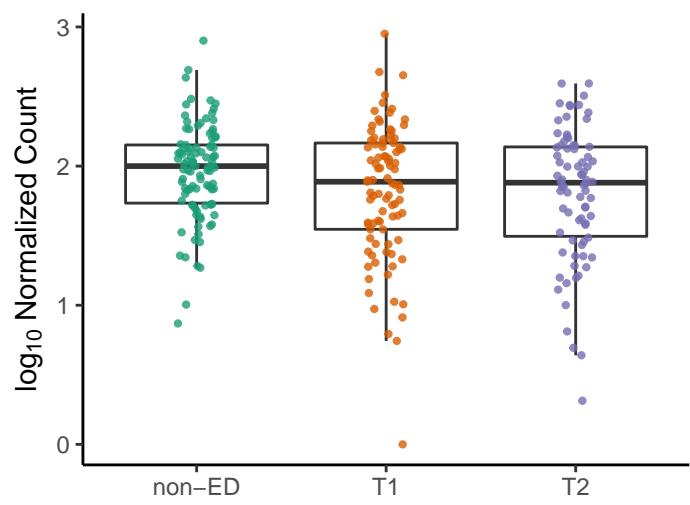
### Mycoplasma yeatsii

non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.67



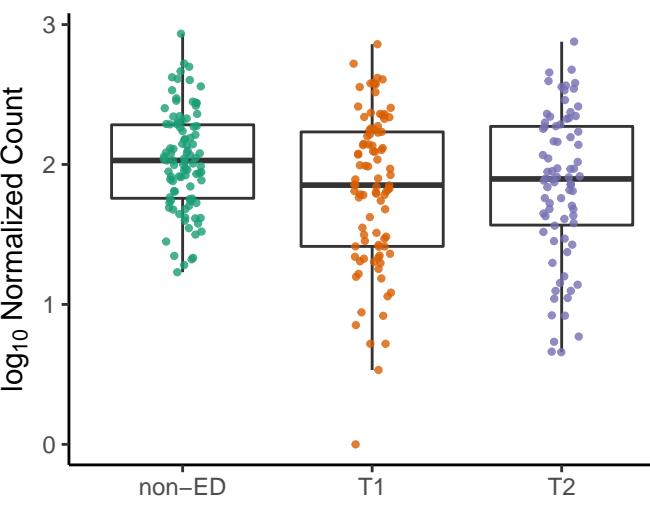
### Neorhizobium sp. SOG26

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.93



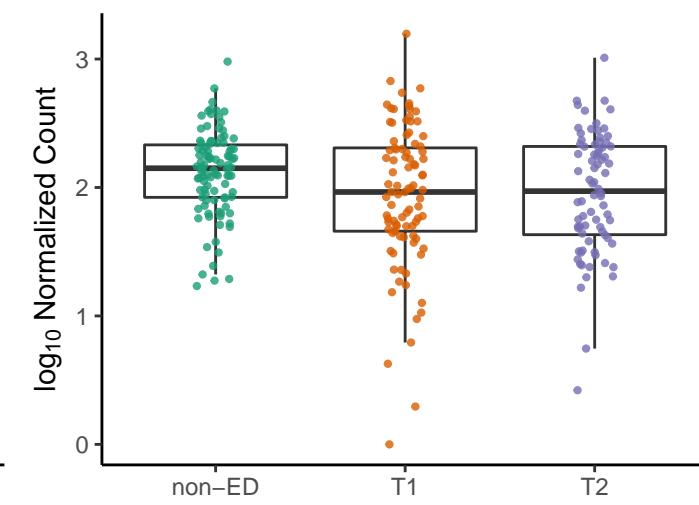
### Streptomyces sp. SAT1

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.71



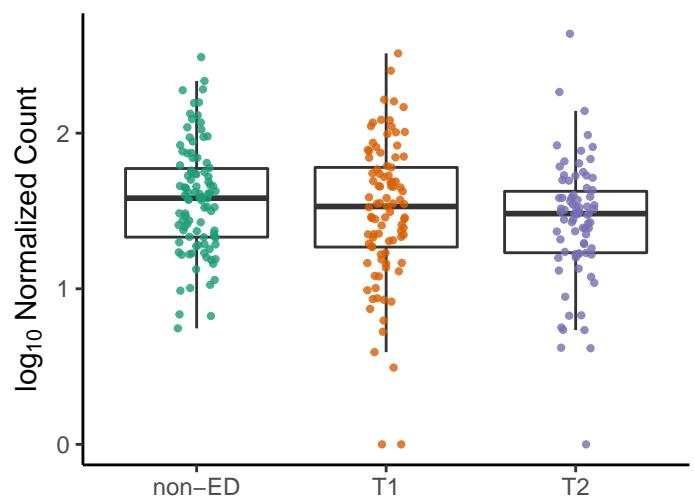
### endosymbiont of unidentified scaly snail

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.77



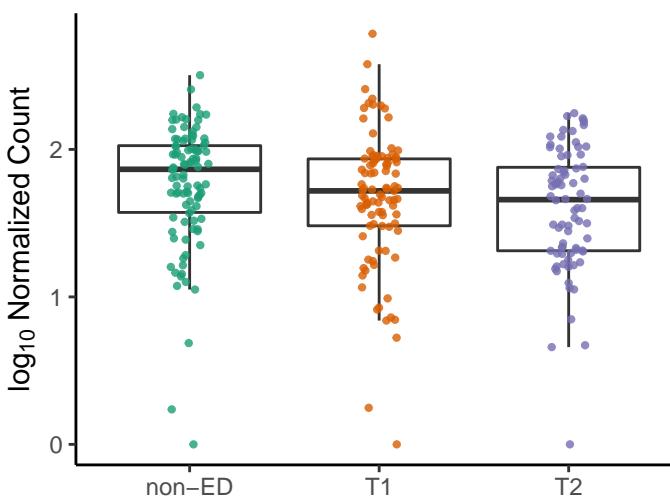
### *Synechocystis* sp. PCC 6714

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.8



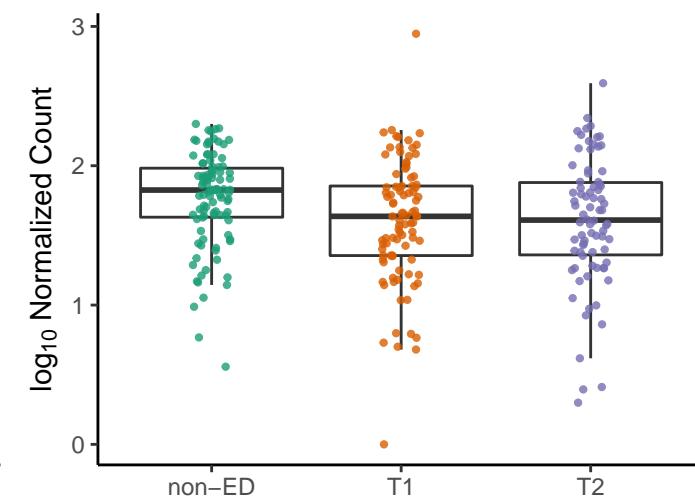
### *Cellulophaga* sp. L1A9

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.66



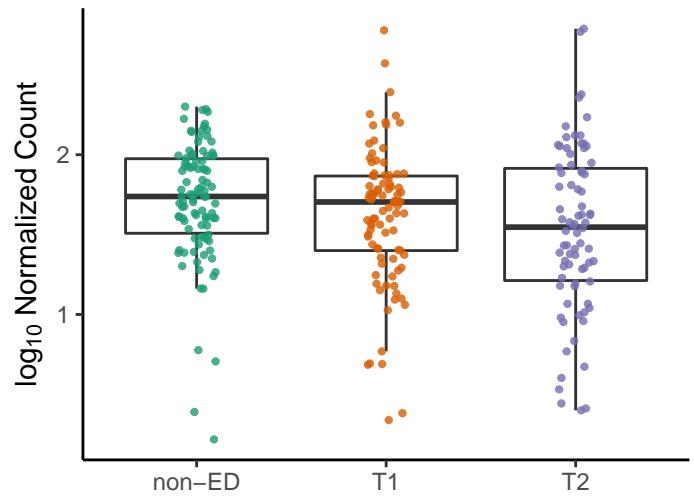
### *Sulfurimonas gotlandica*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.99



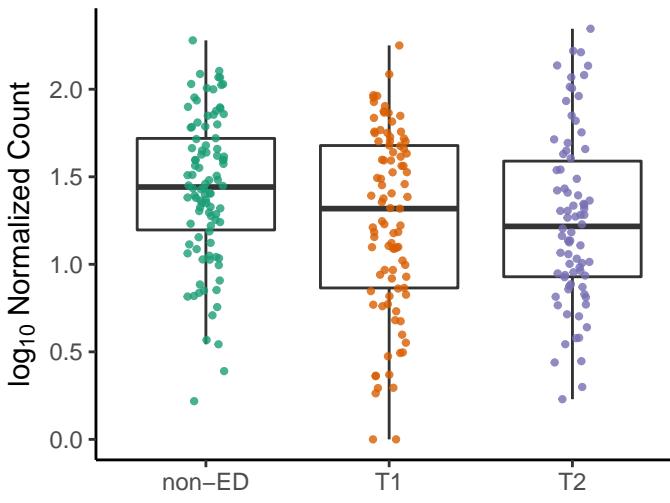
### *Flavivirga eckloniae*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.66



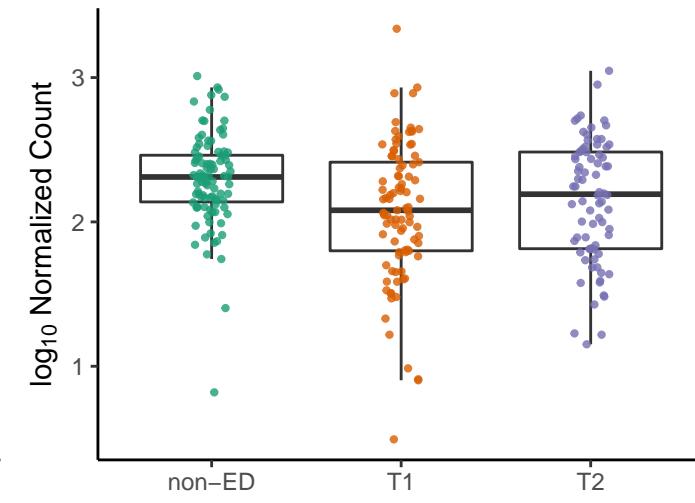
### *Shewanella denitrificans*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



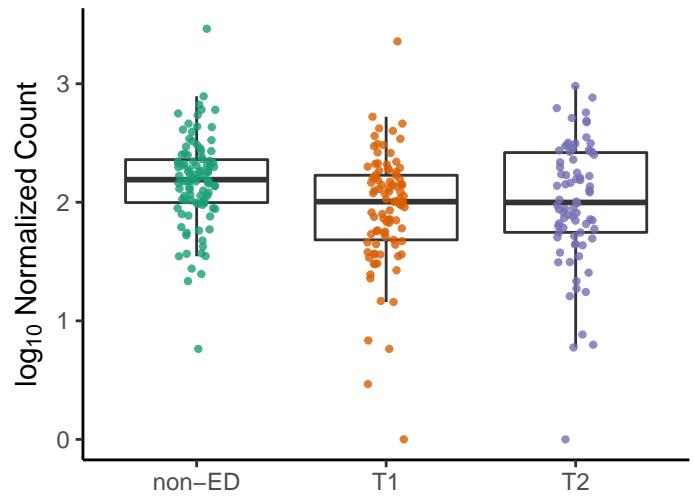
### *Nocardia nova*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.55



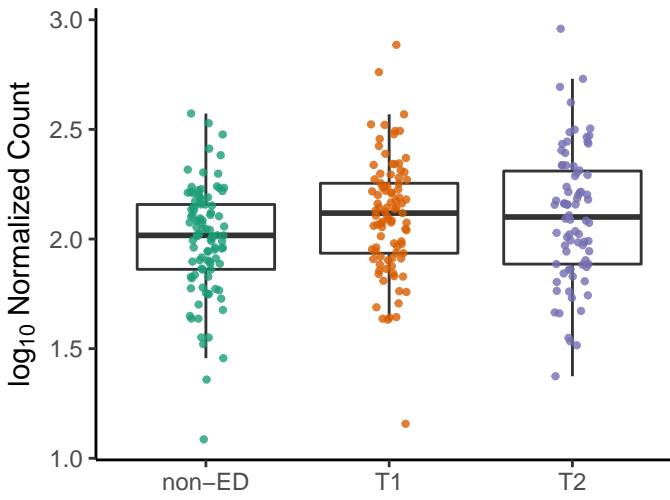
### *Mycolicibacterium duvalii*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.67



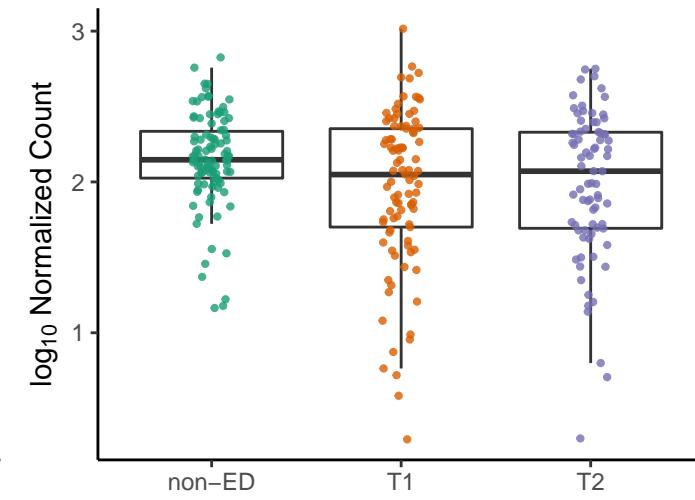
### *Brenneria goodwinii*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.98



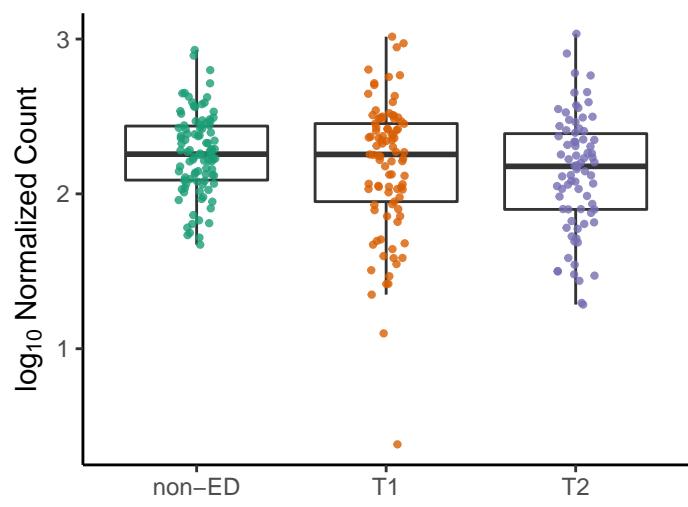
### *Immundisolibacter cernigliae*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.7



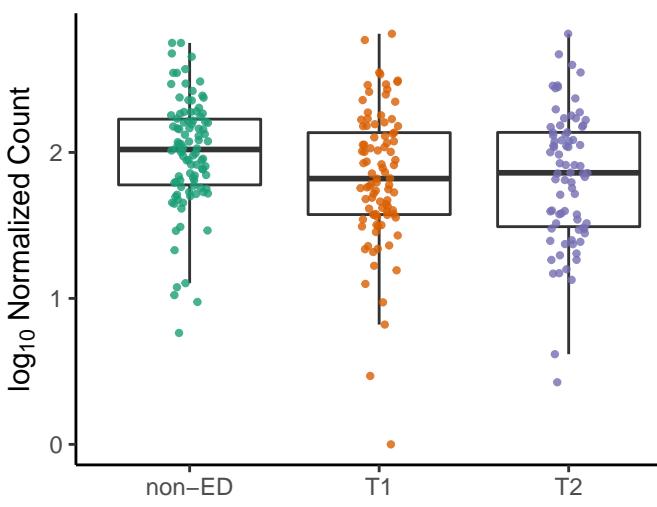
### Pseudodesulfobacter sp. SRB007

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.93



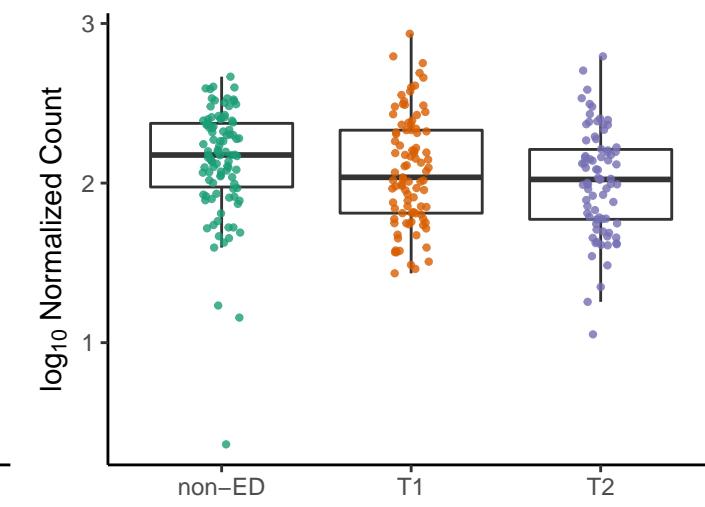
### Lysobacter gummosus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.84



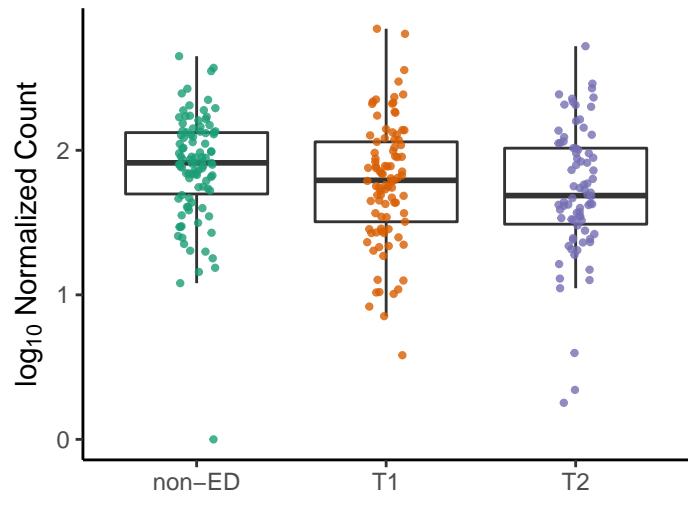
### Aeribacillus pallidus

non-ED vs. T1 adjusted p = 0.34  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.73



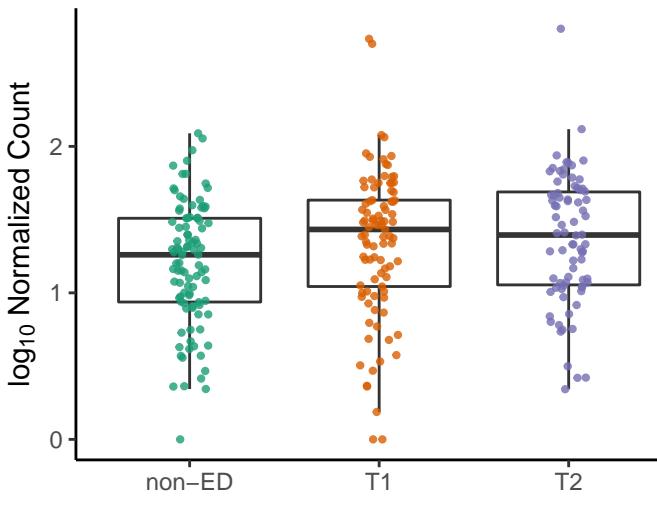
### Halobacteriovorax marinus

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.86



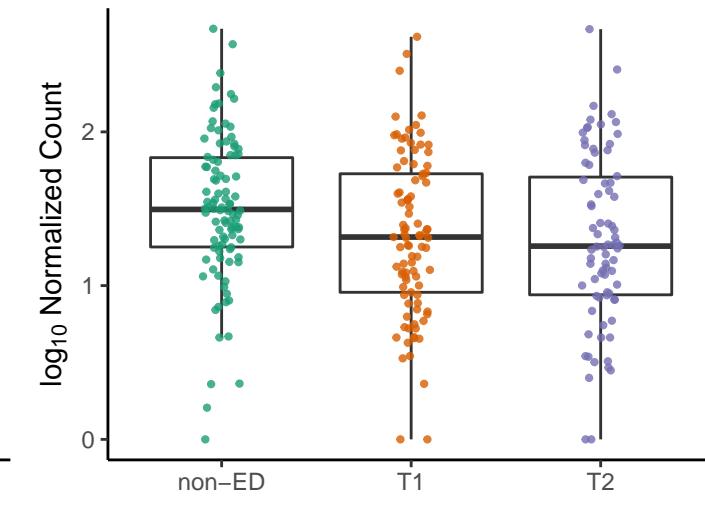
### Thermosynechococcus sp. CL-1

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.81



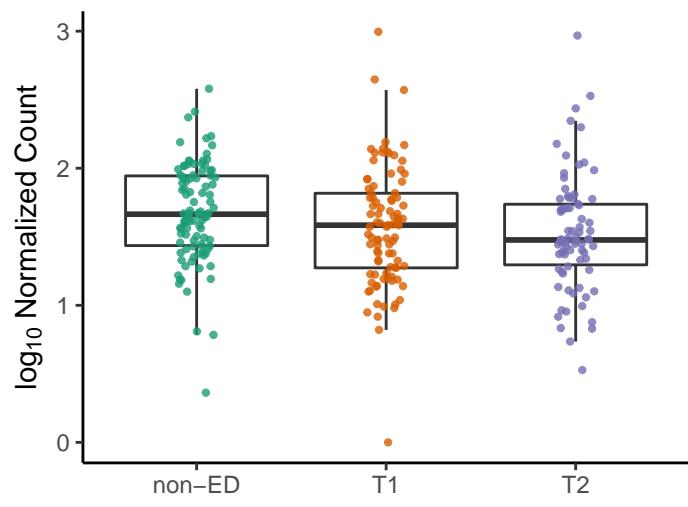
### Candidatus Thioglobus sp. NP1

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.9



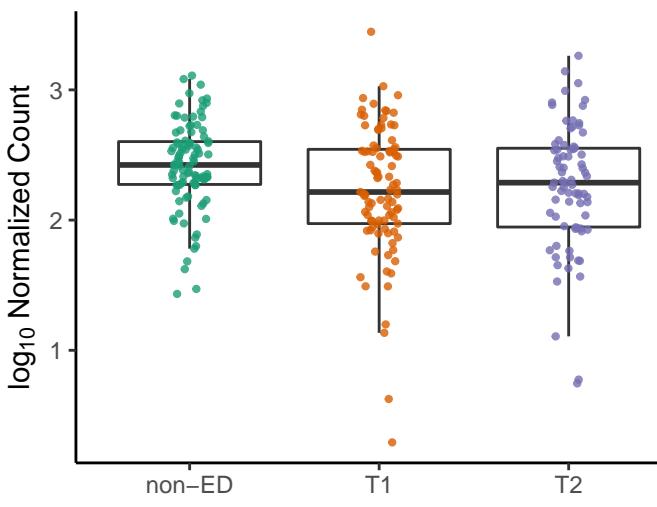
### Clostridium autoethanogenum

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.75



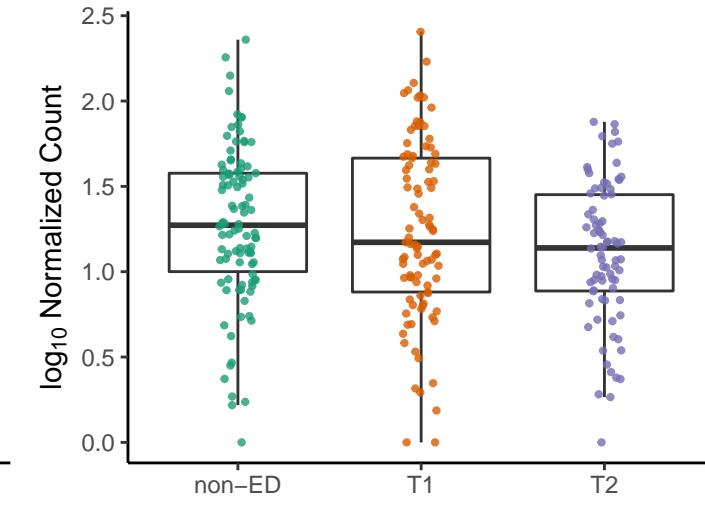
### Kutzneria albida

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.73



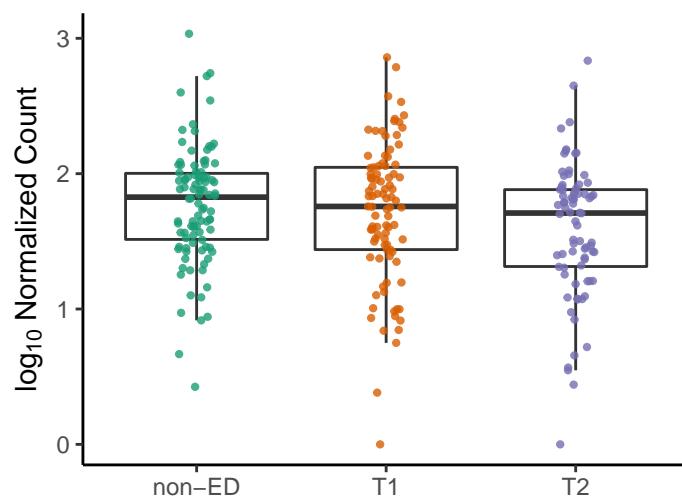
### Unclassified Hydrogenobaculum Genus

non-ED vs. T1 adjusted p = 0.73  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.47



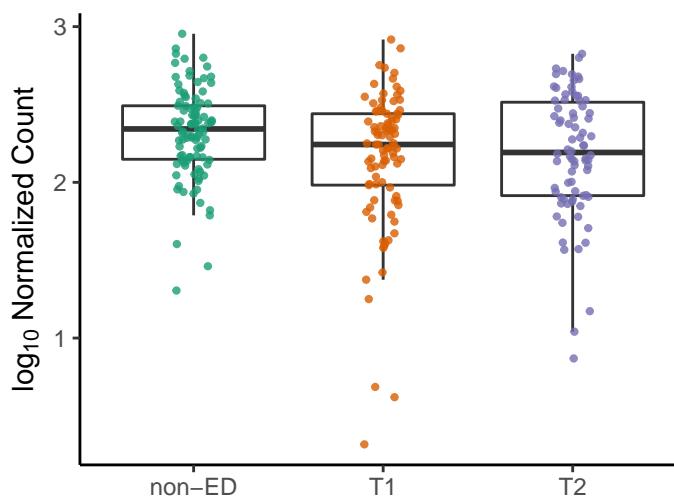
### *Enterobacter chengduensis*

non-ED vs. T1 adjusted p = 0.57  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.67



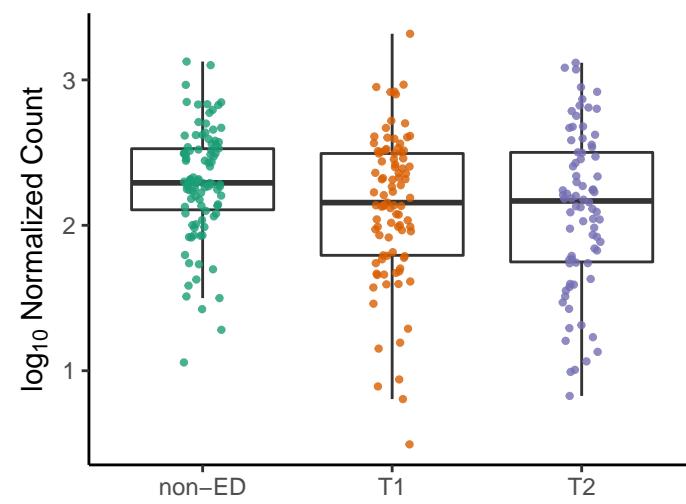
### *Hymenobacter sedentarius*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.76



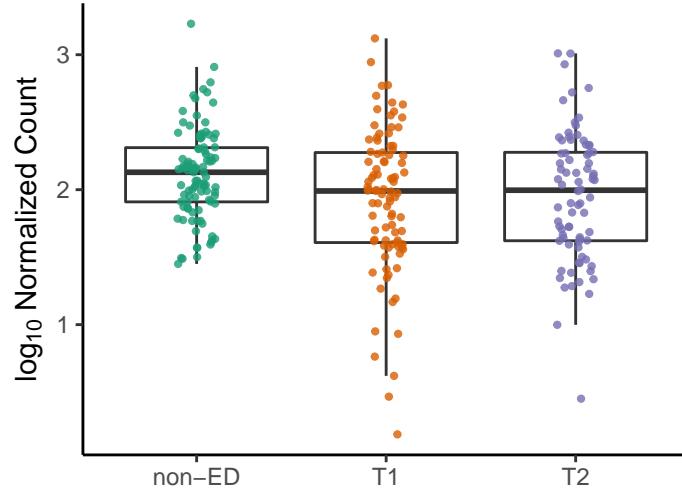
### *Burkholderiales bacterium JOSHI\_001*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.9



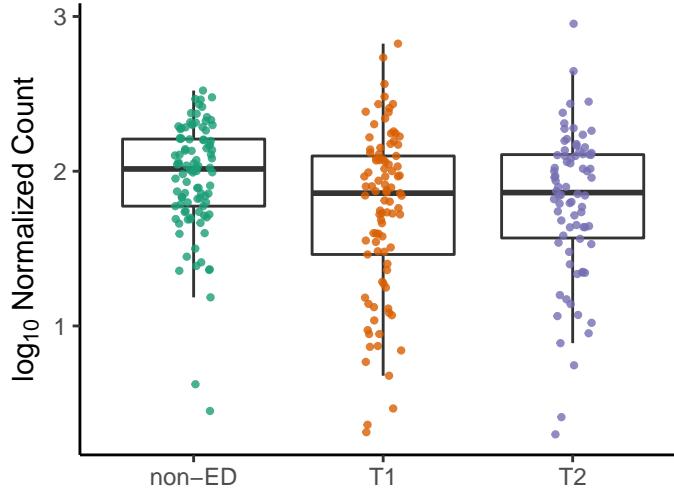
### *Caulobacter rhizosphaerae*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.76



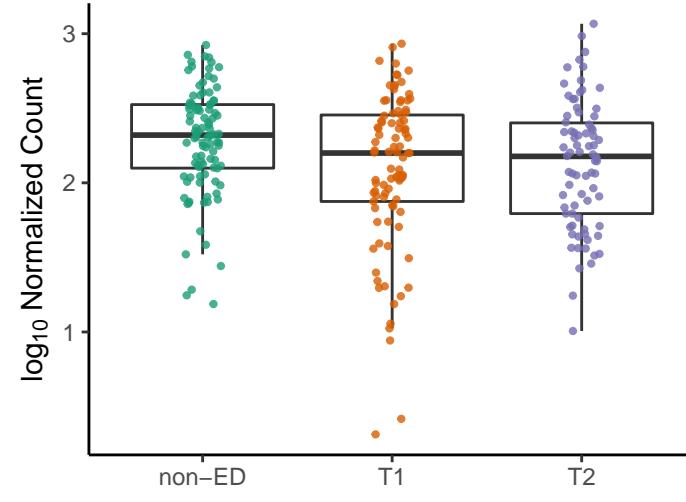
### *Herbaspirillum huttiense*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.67



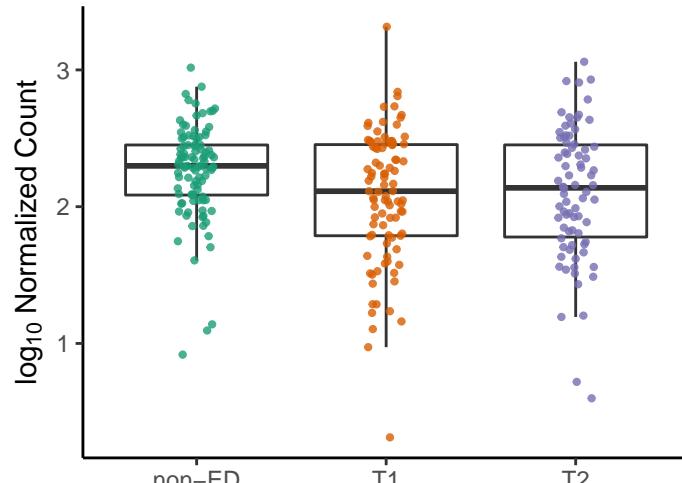
### *Deinococcus wulumuqiensis*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.7



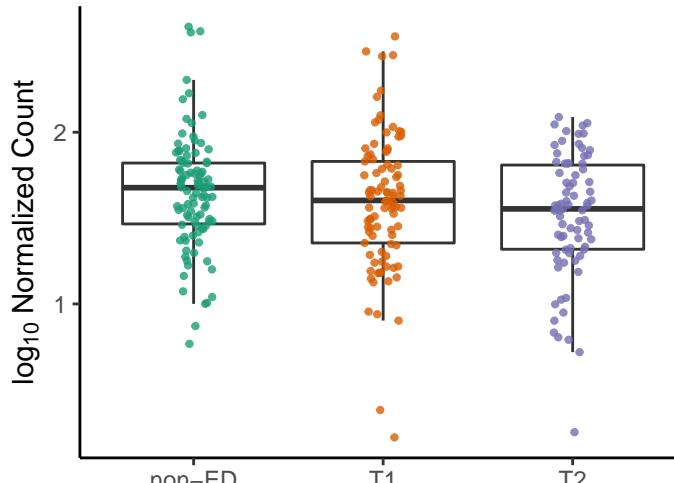
### *Nocardia sp. CS682*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.73



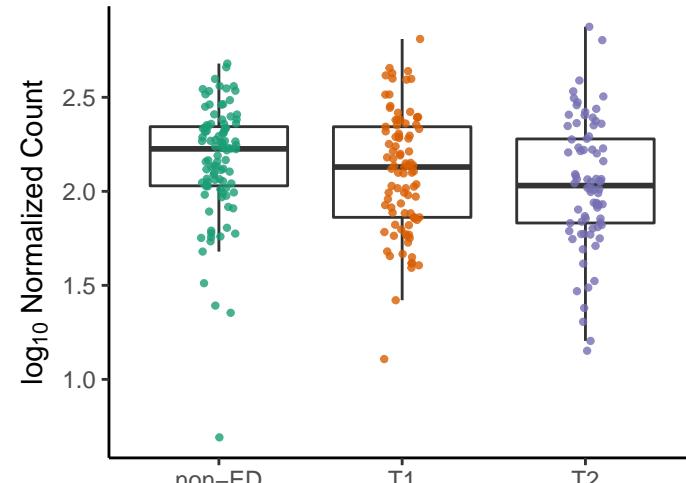
### *Thiomicrorhabdus sp. G1*

non-ED vs. T1 adjusted p = 0.43  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.77



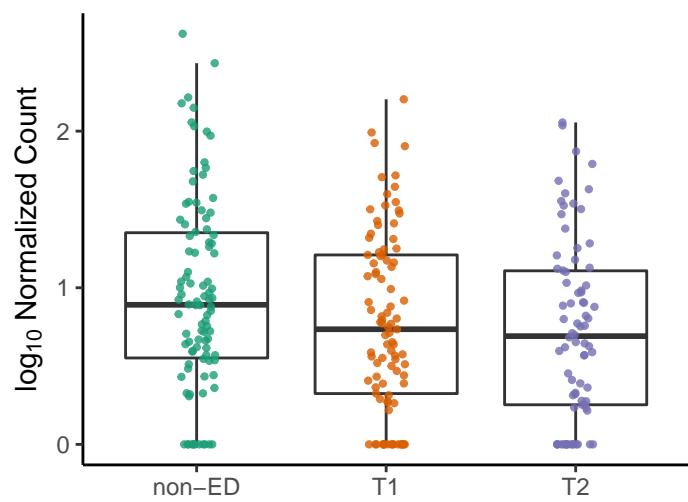
### *Aerococcus urinae*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.77



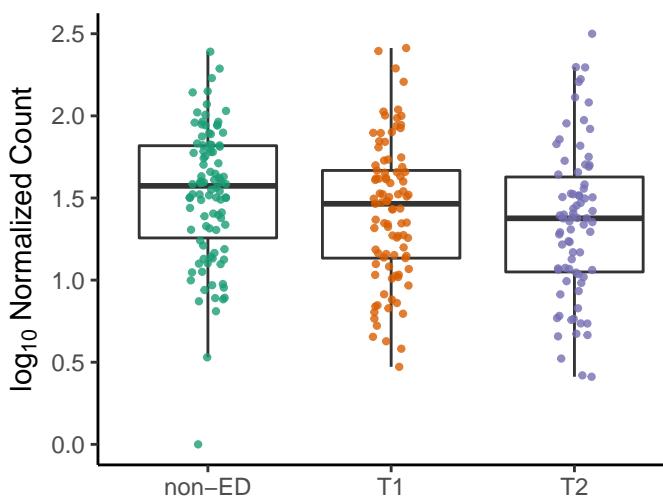
### Mycobacterium sp. QIA-37

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.87



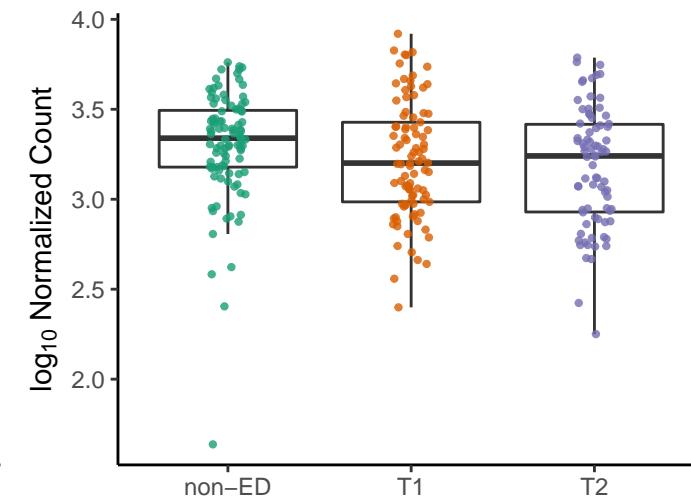
### Agarilytica rhodophyticola

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.71



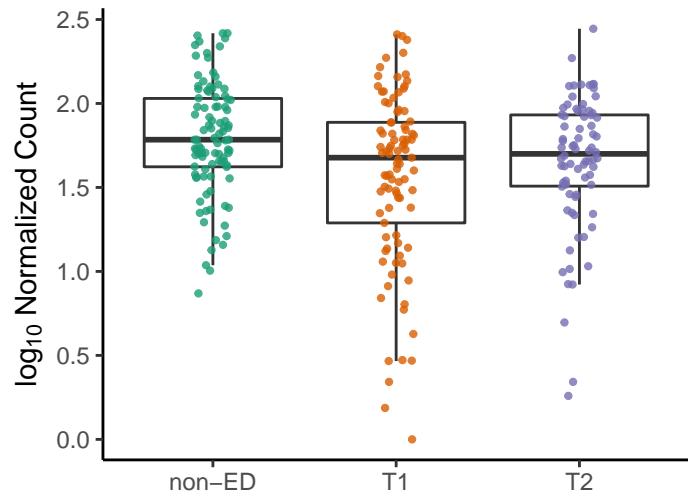
### Clostridium botulinum

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



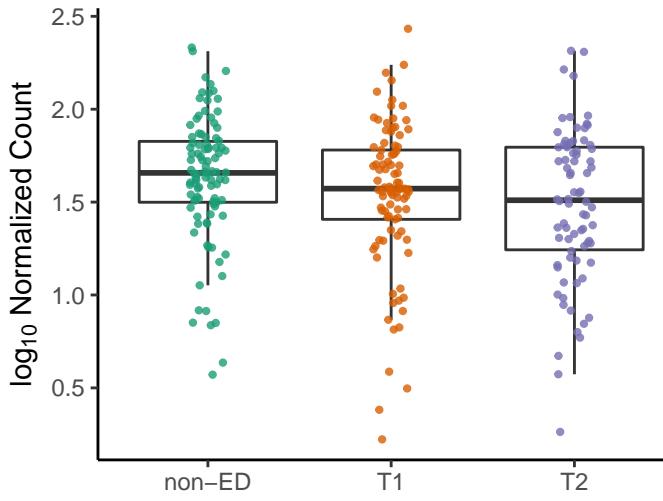
### Sulfitobacter sp. BSw21498

non-ED vs. T1 adjusted p = 0.0061  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.63



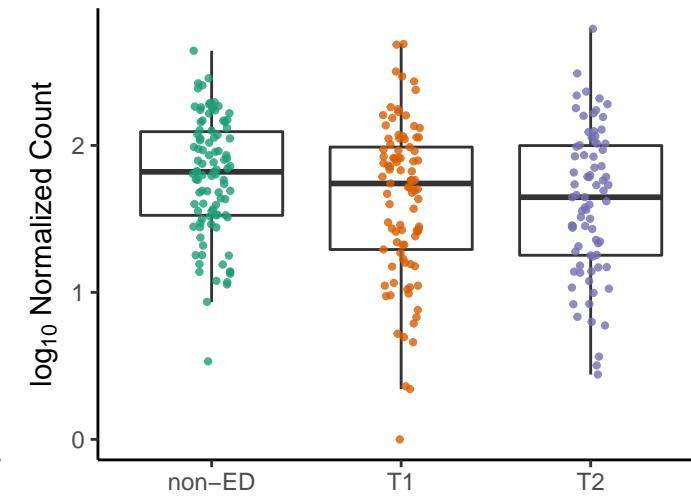
### Methylomonas sp. LW13

non-ED vs. T1 adjusted p = 0.18  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.89



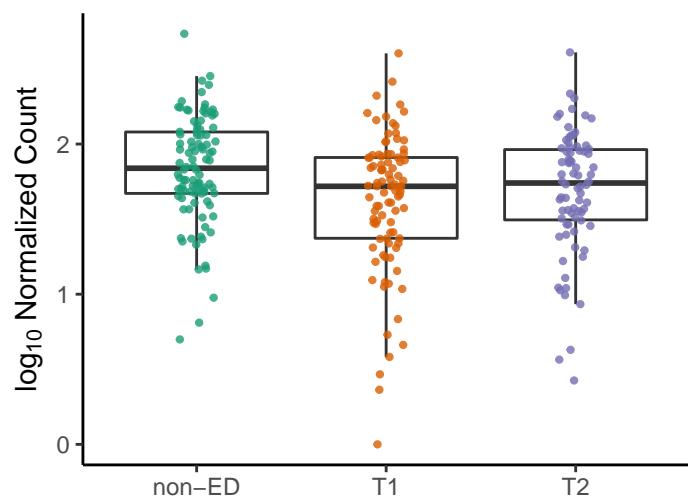
### Microbacterium sp. XT11

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.92



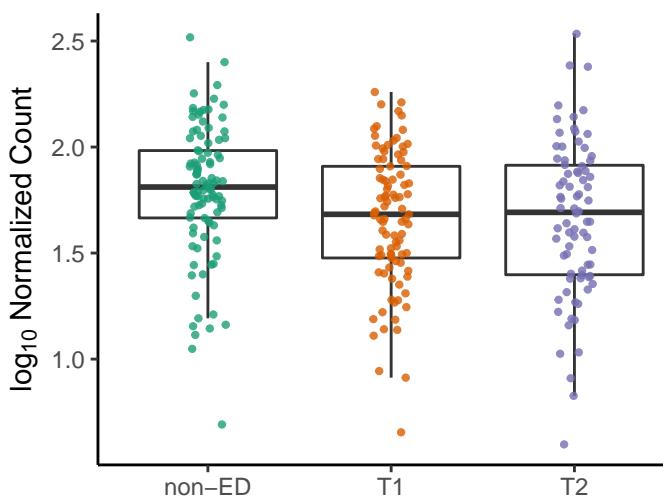
### Nakamurella sp. s14-144

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.66



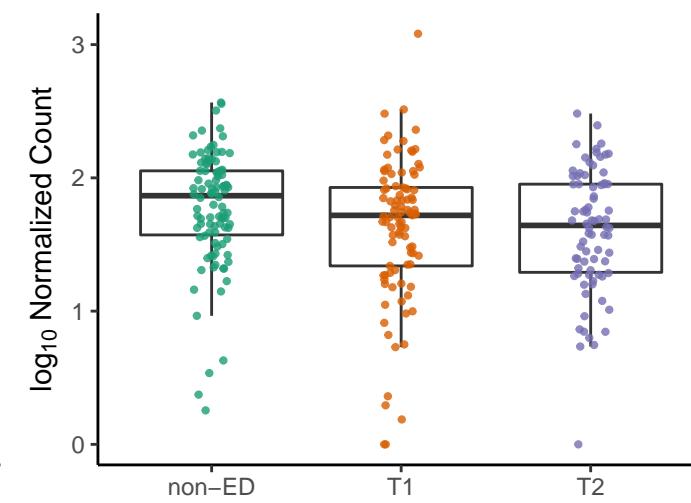
### Tatumella citrea

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.95



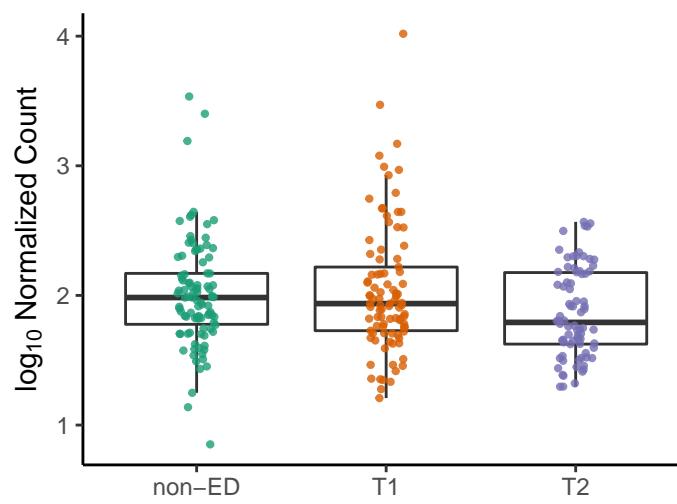
### Unclassified Herbaspirillum Genus

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.91



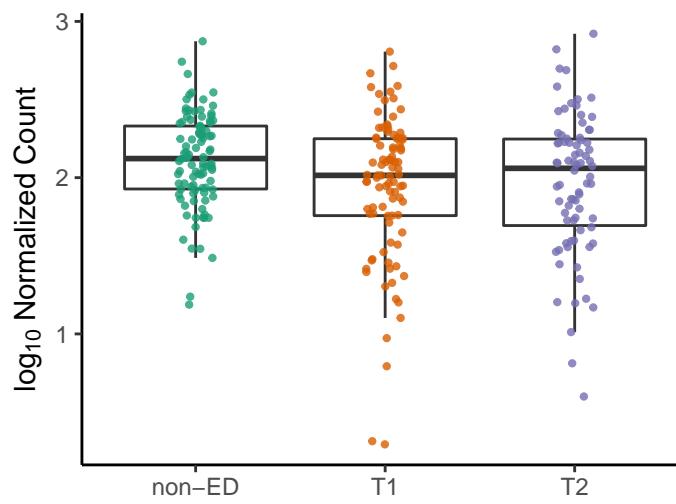
### Unclassified Salmonella Genus

non-ED vs. T1 adjusted p = 0.72  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.36



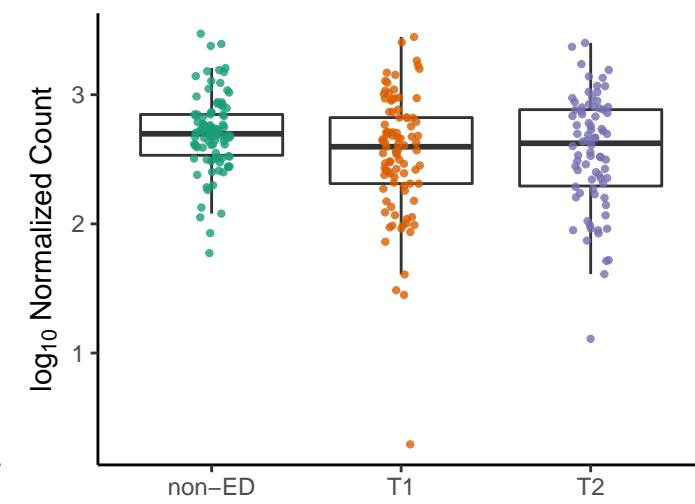
### Janthinobacterium sp. 1\_2014MBL\_MicC

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.77



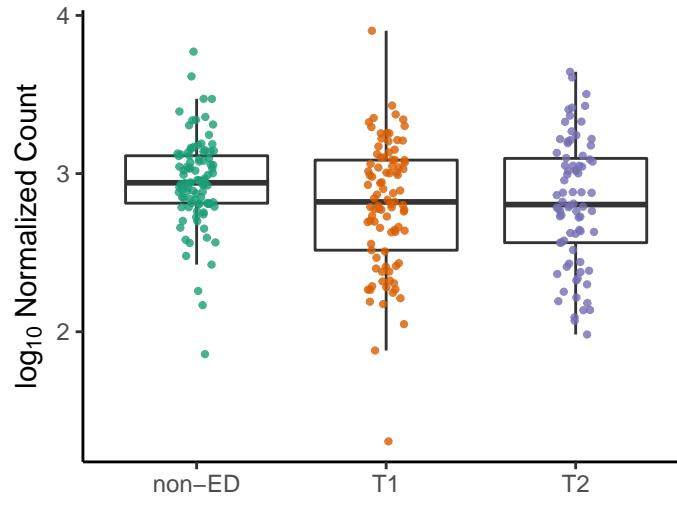
### Unclassified Azospirillum Genus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.77



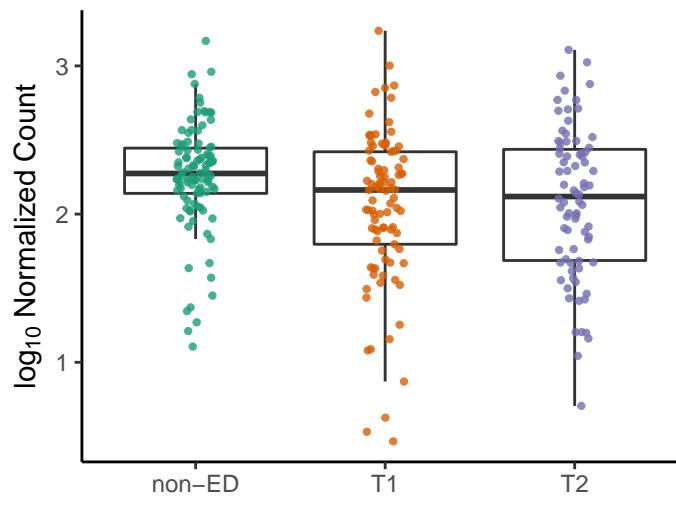
### Unclassified Rhodococcus Genus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.74



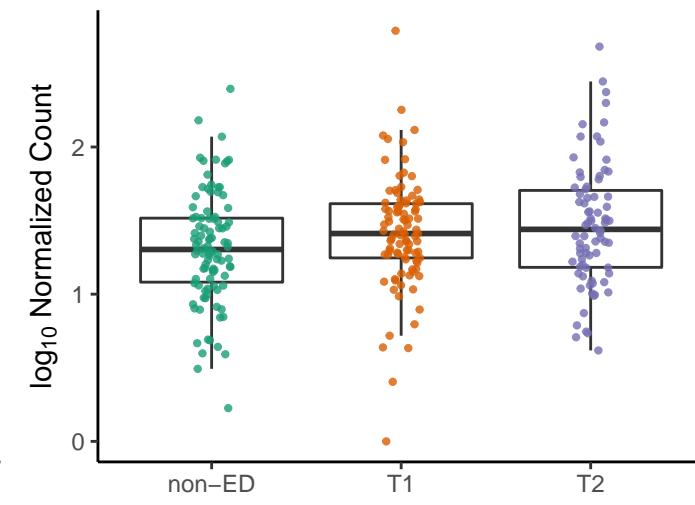
### Massilia albidiflava

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.8



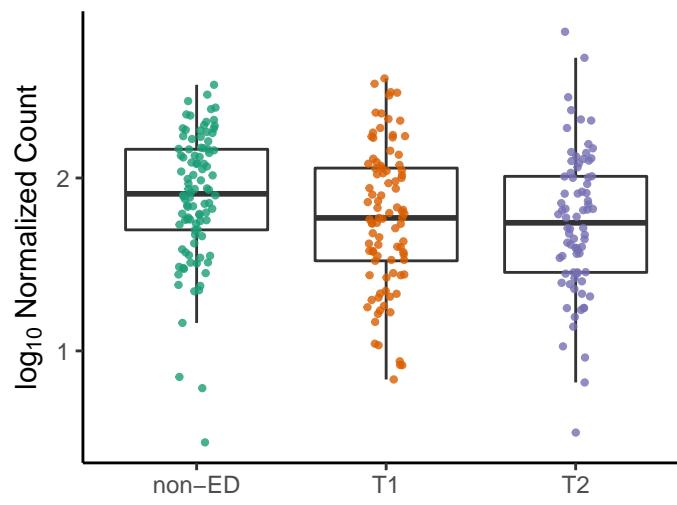
### Shewanella pealeana

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.7



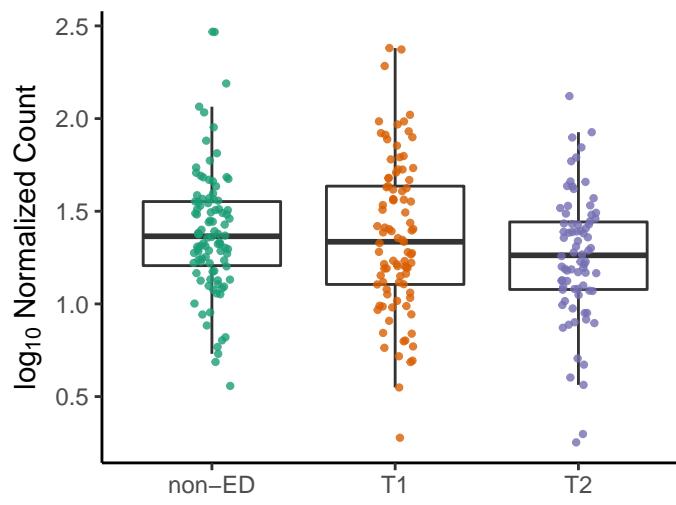
### Lactobacillus acidipiscis

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.92



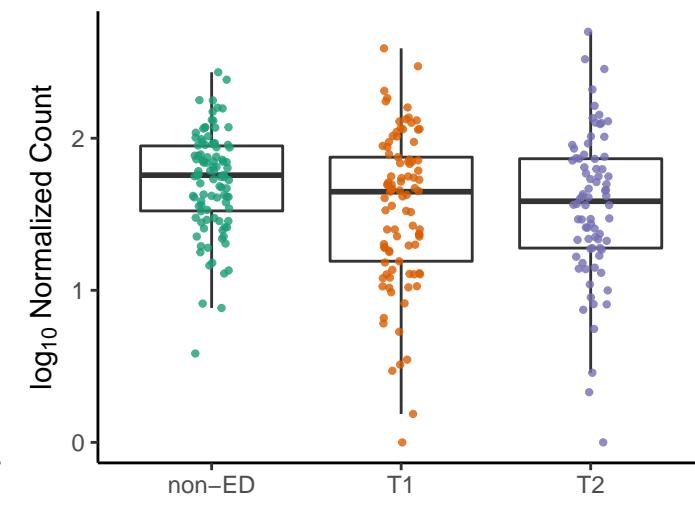
### Bacillus anthracis

non-ED vs. T1 adjusted p = 0.79  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.63



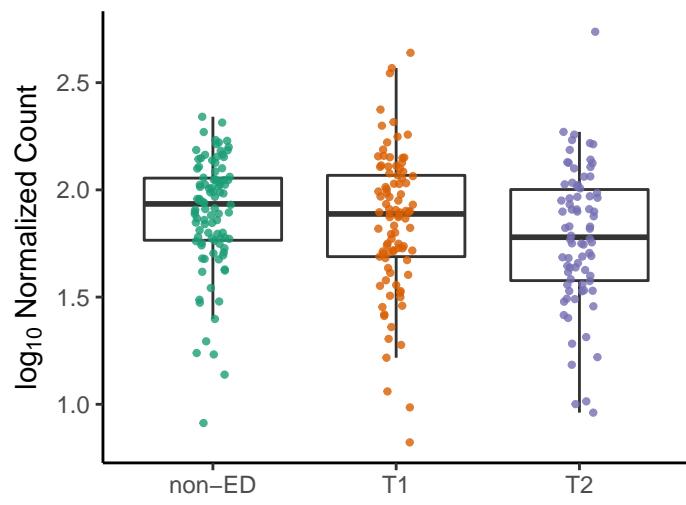
### Methylacidiphilum infernorum

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.93



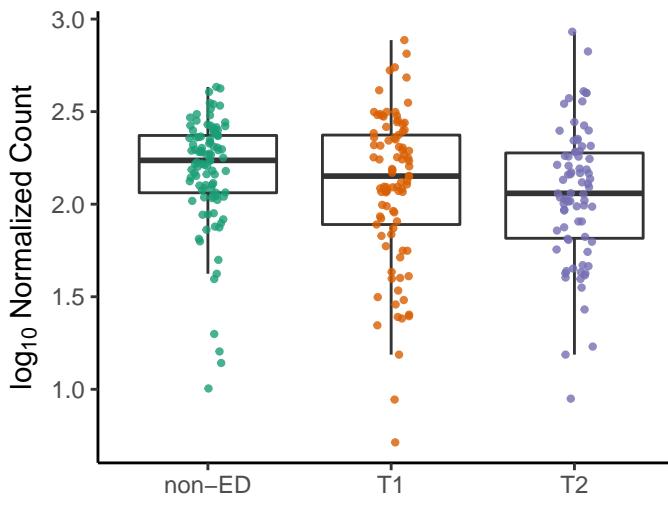
### *Leeuwenhoekia* sp. ZYFB001

non-ED vs. T1 adjusted p = 0.44  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.66



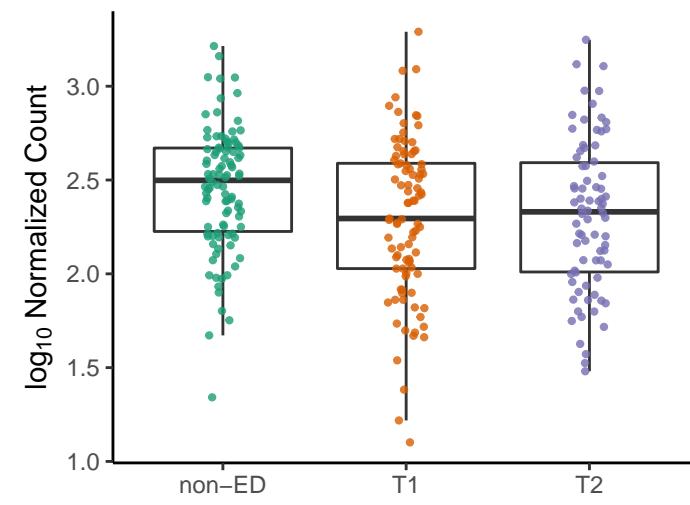
### *Riemerella anatipestifer*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.79



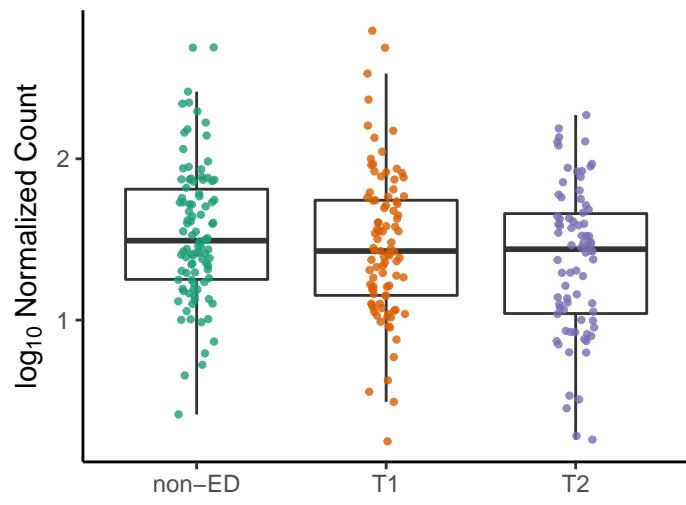
### *Achromobacter spanius*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.79



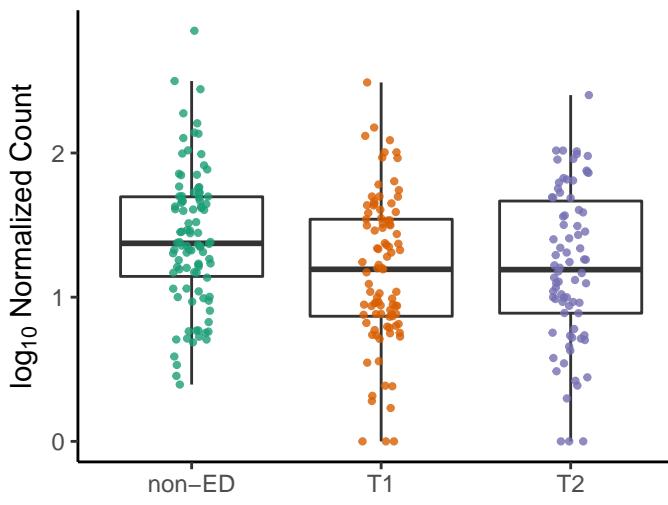
### *Candidatus Sodalis pierantonius*

non-ED vs. T1 adjusted p = 0.38  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.77



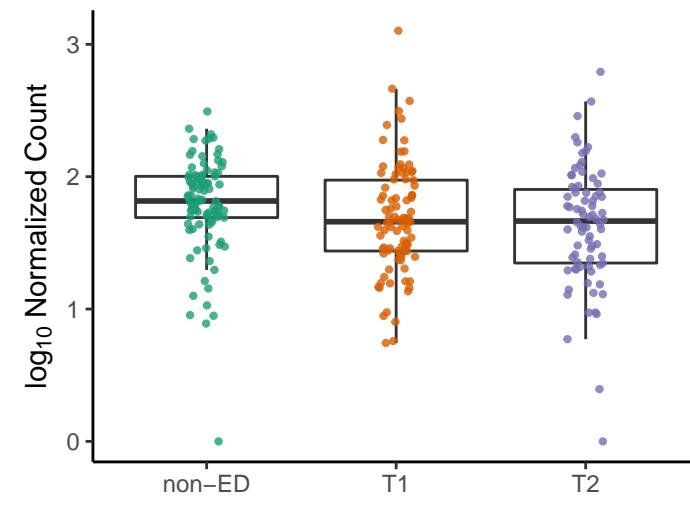
### *Thermococcus celer*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.92



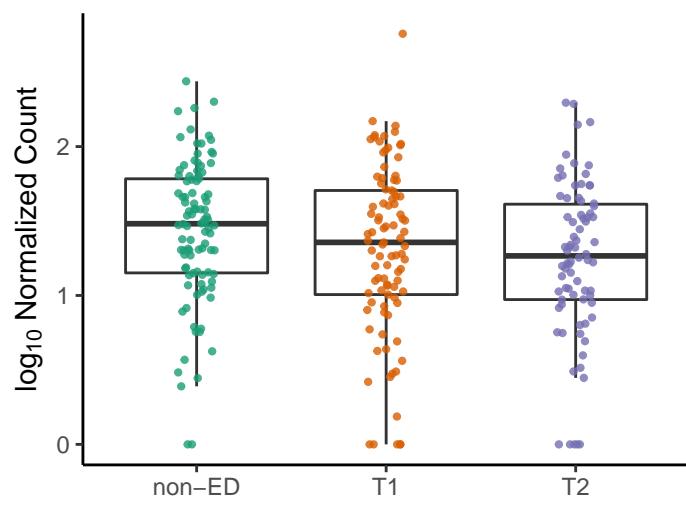
### *Macrococcus* sp. IME1552

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.79



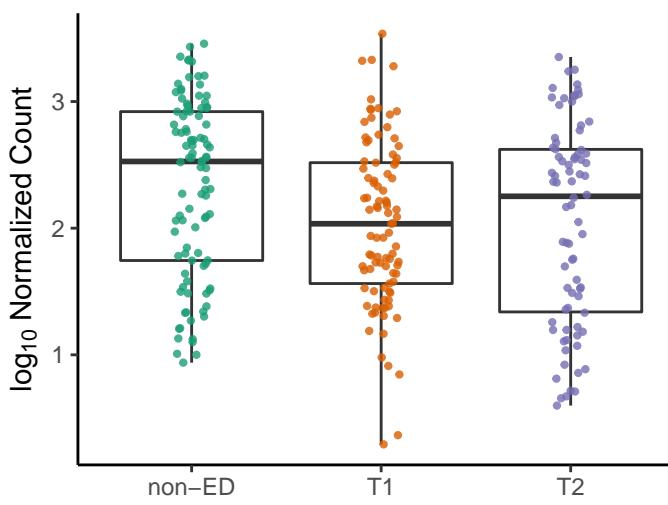
### *Spiroplasma floricola*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.81



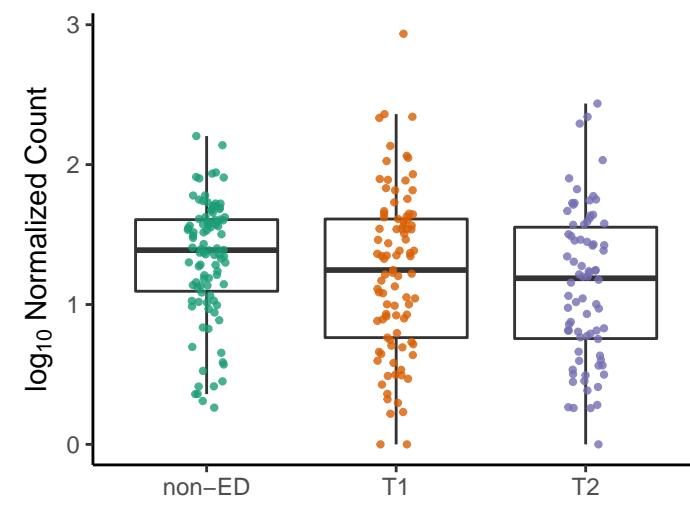
### Unclassified Bifidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.86



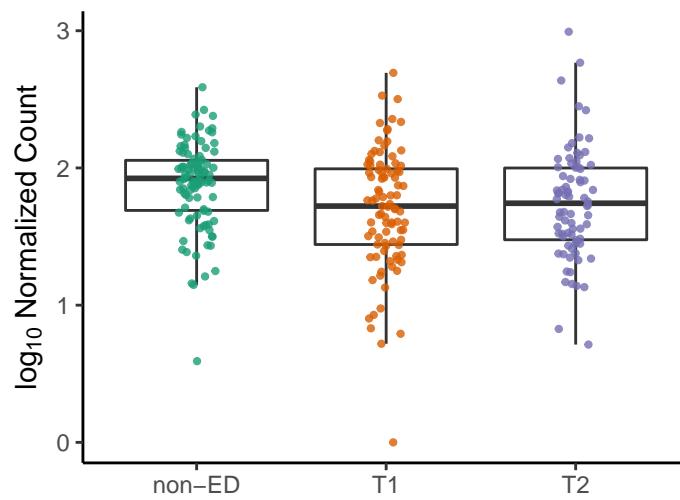
### Unclassified Eubacteriaceae Family

non-ED vs. T1 adjusted p = 0.33  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.8



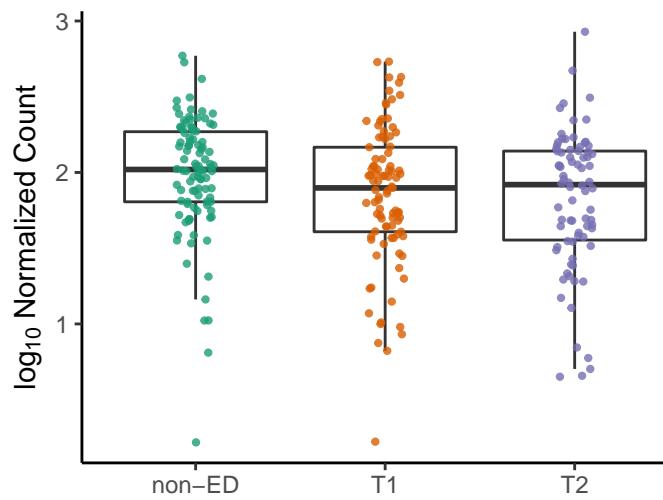
### *Salicibibacter kimchii*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.68



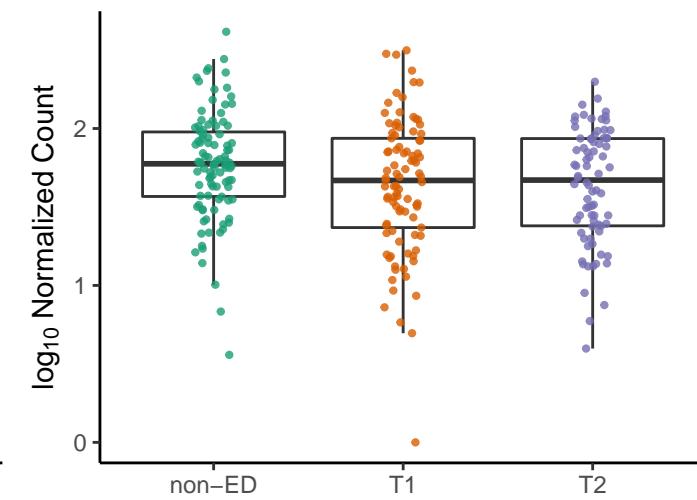
### *Fluviicola taffensis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.86



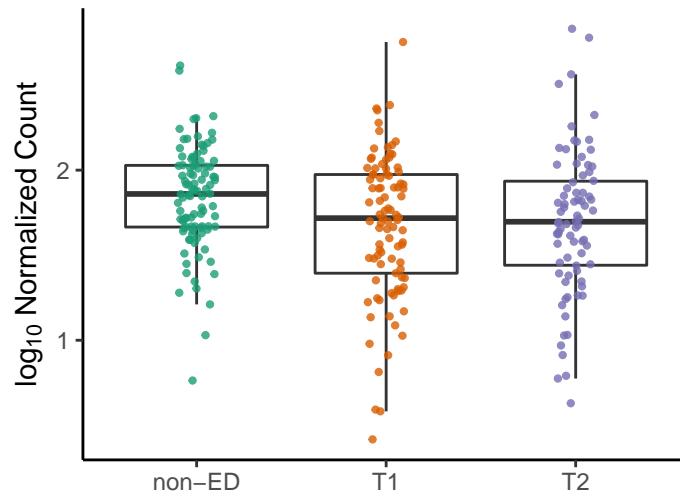
### *Athalassotoga saccharophila*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.91



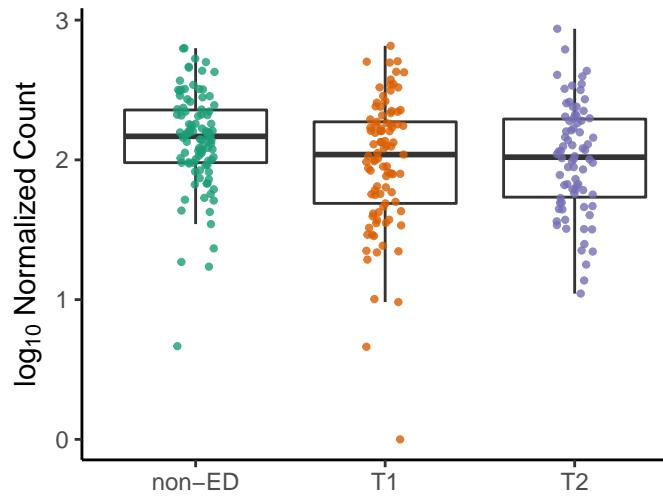
### *Neisseria meningitidis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.84



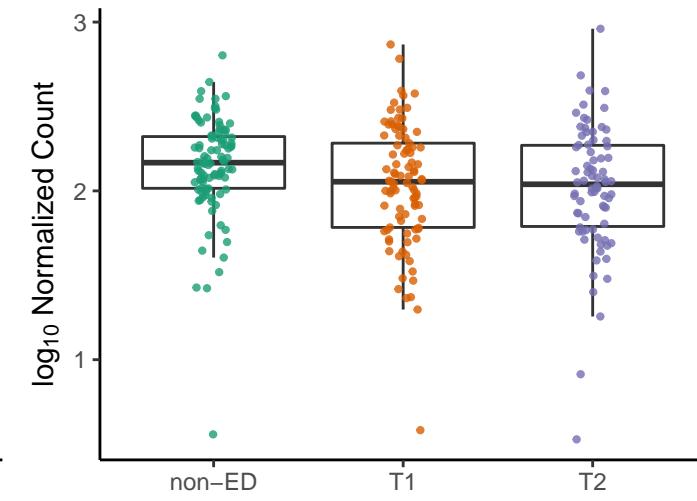
### *Bordetella trematum*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.81



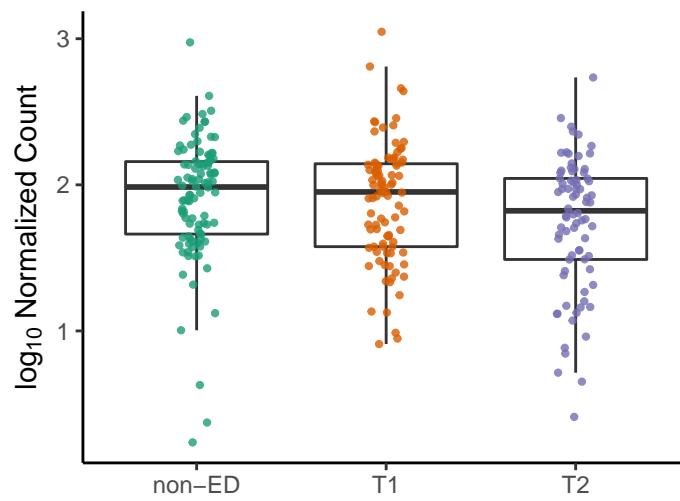
### *Bacillus halodurans*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.89



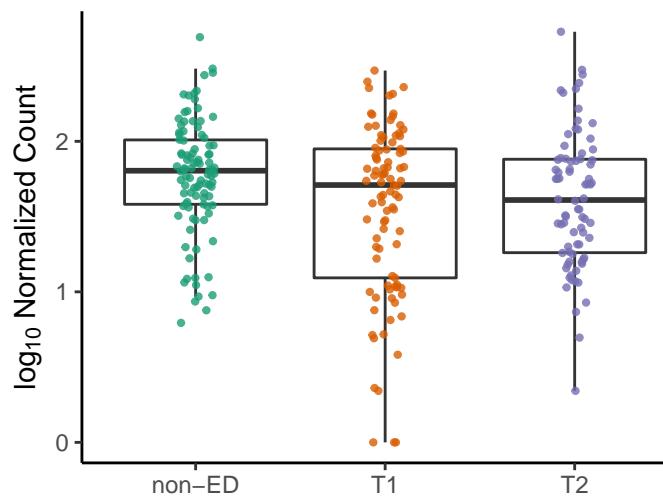
### *Flavobacterium crocicum*

non-ED vs. T1 adjusted p = 0.83  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.42



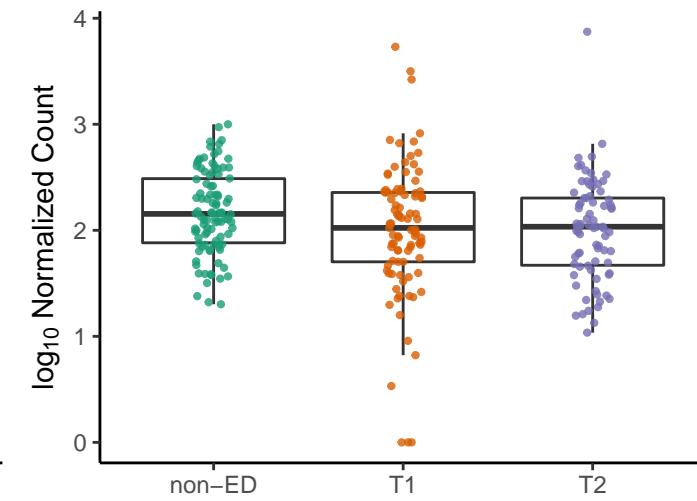
### *Mycobacterium heidelbergense*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.67



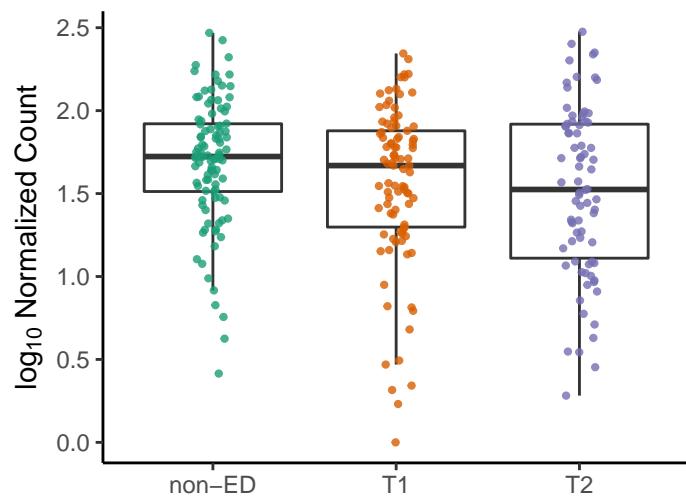
### *Nocardioides sp. 603*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.86



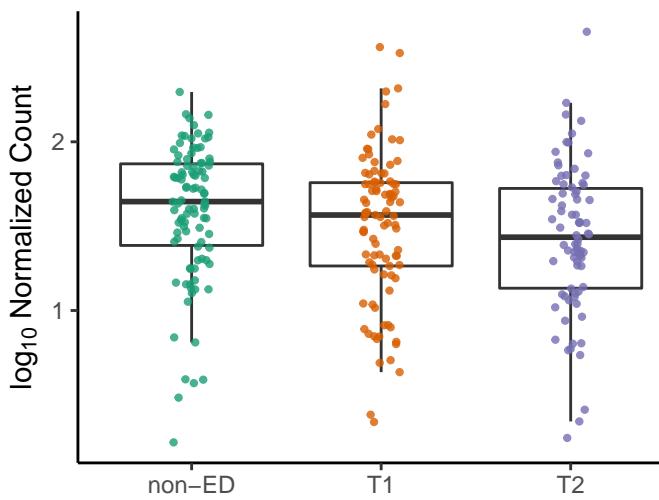
### *Halobellus limi*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.93



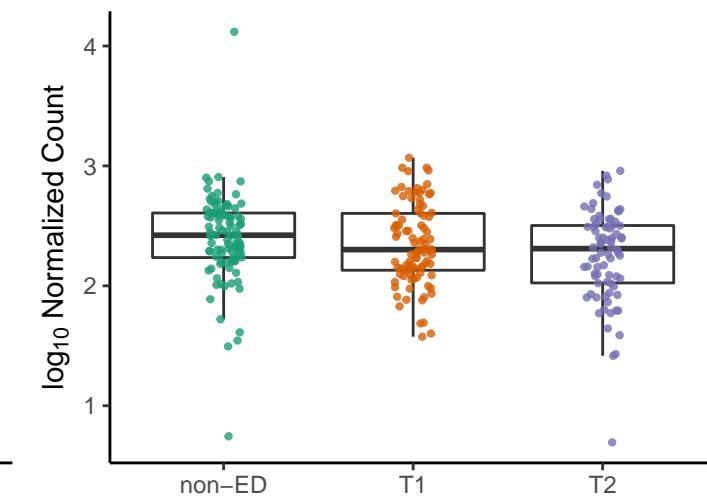
### *Flavobacterium psychrophilum*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.66



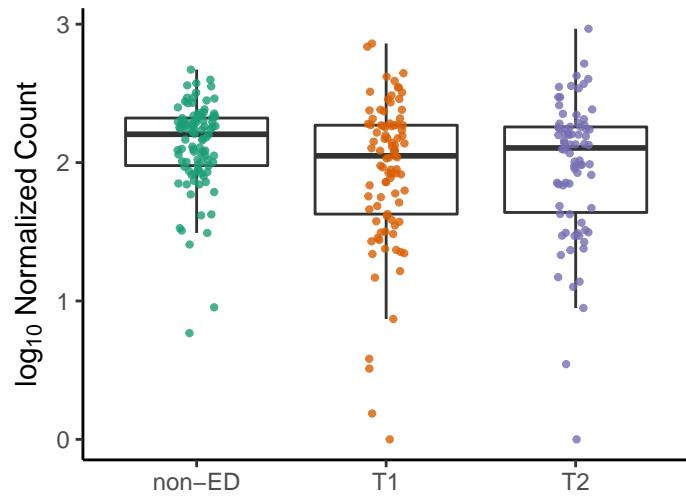
### *Fusobacterium varium*

non-ED vs. T1 adjusted p = 0.45  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.65



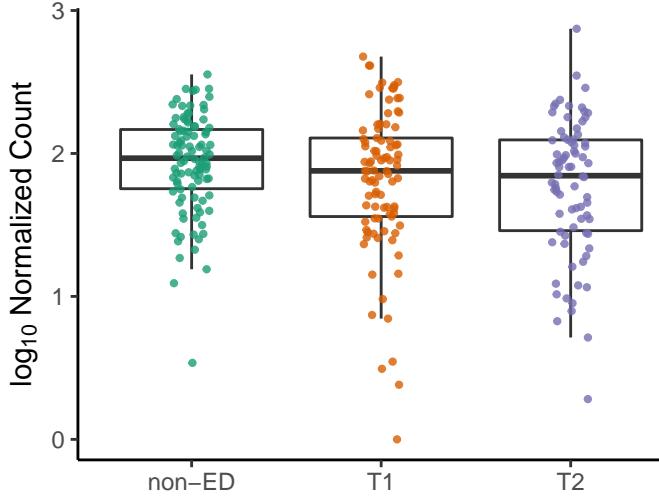
### *Halovulum dunhuangense*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.78



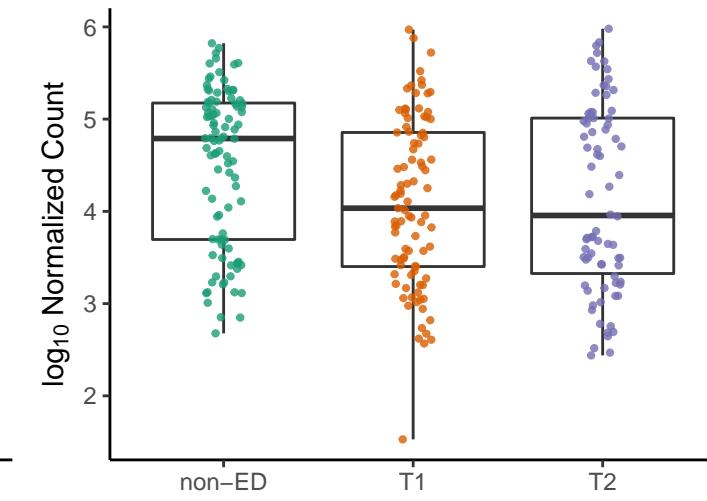
### *Luteibacter pinisoli*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.89



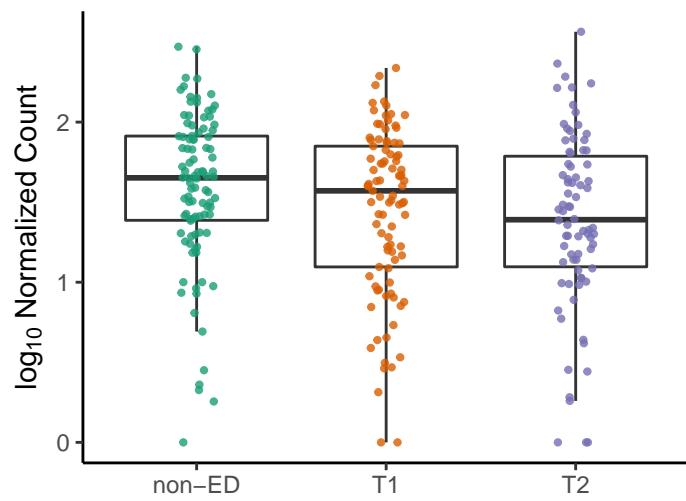
### Unclassified *Bifidobacterium* Genus

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.73



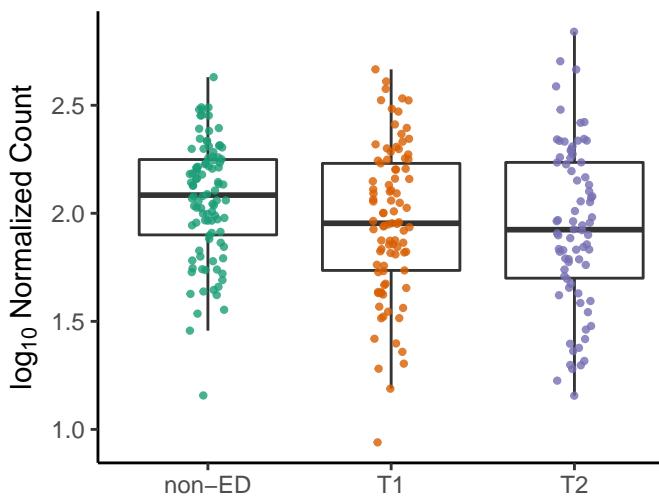
### *Erythrobacter seohaensis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.86



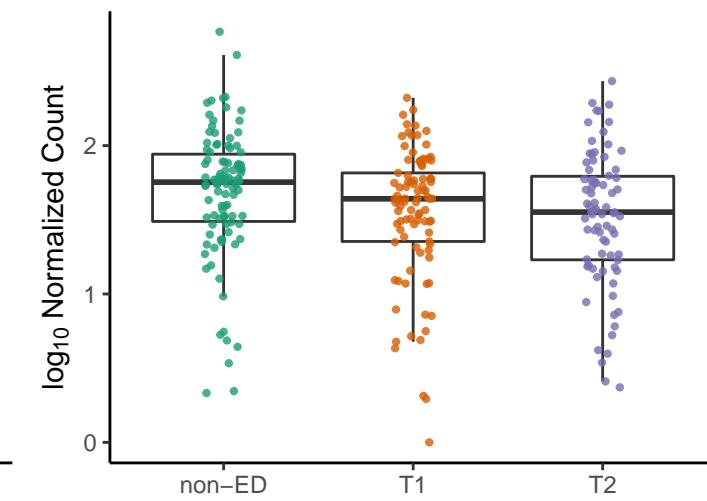
### *Fusarium venenatum*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.97



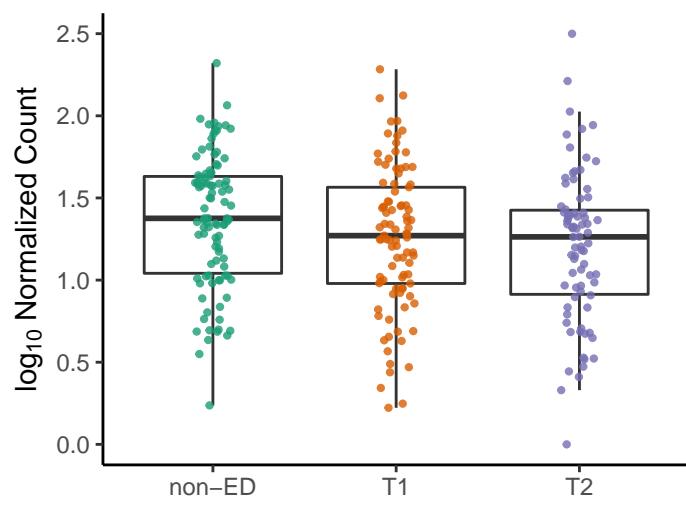
### *Wolinella succinogenes*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.91



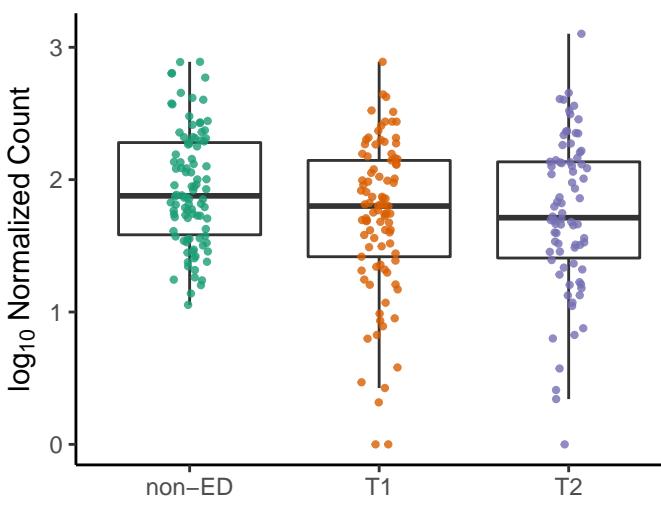
### *Neochlamydia* sp. S13

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.96



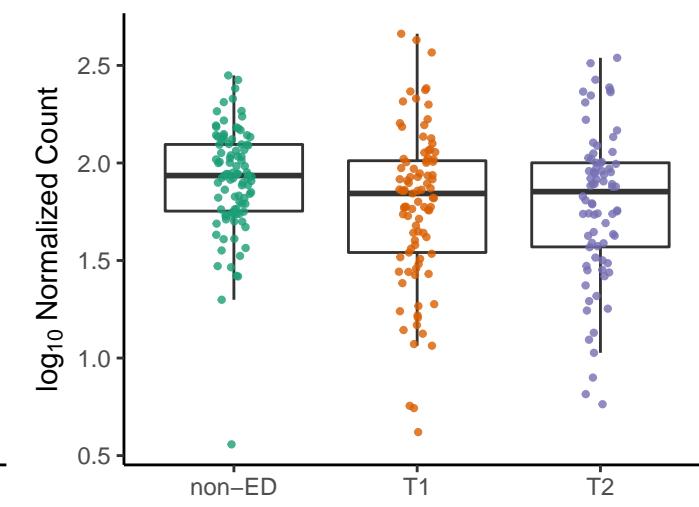
### *Neisseria zoodegmatis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.71



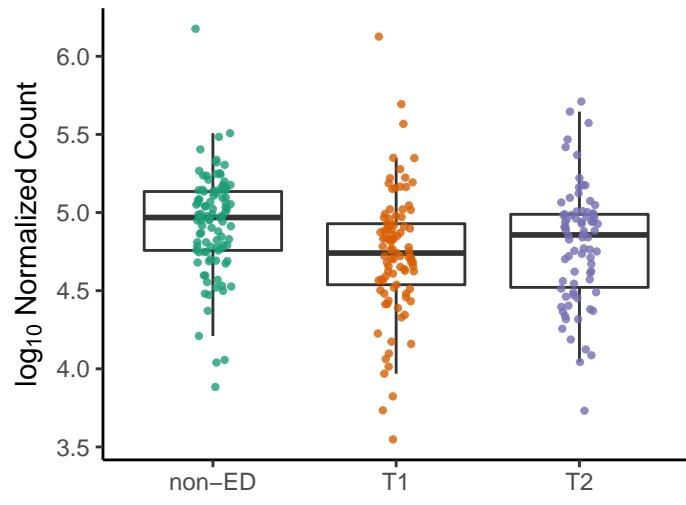
### *Terasakiella* sp. SH-1

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.83



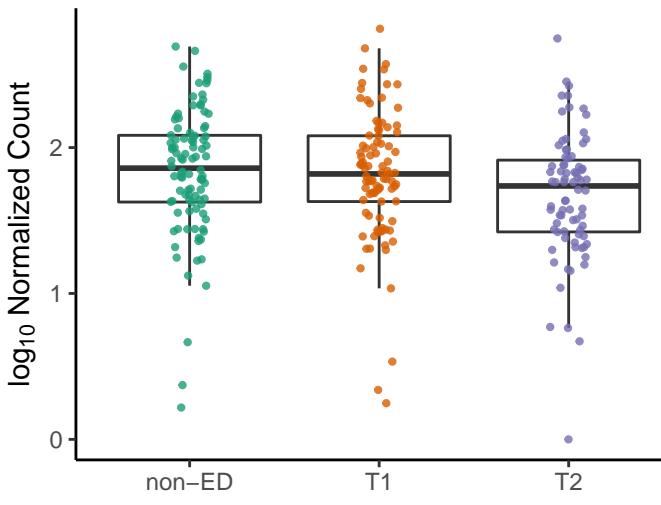
### *Roseburia hominis*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.77



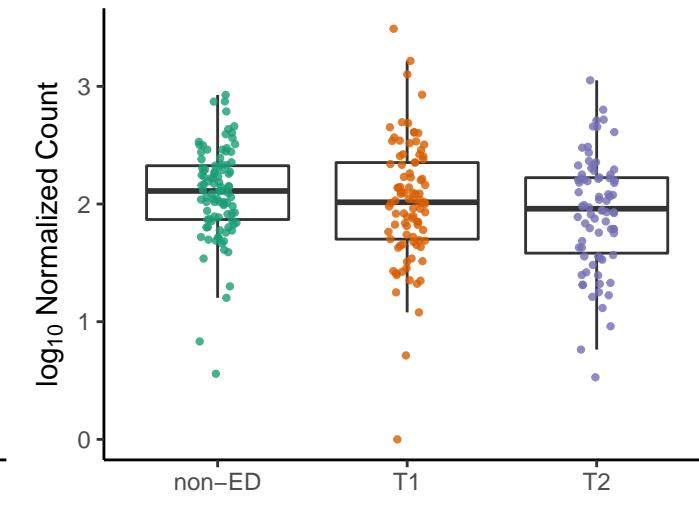
### *Staphylococcus xylosus*

non-ED vs. T1 adjusted p = 0.8  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.26



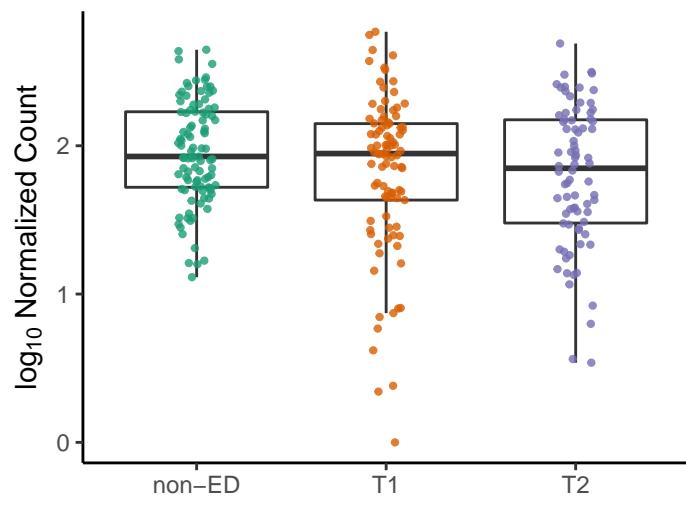
### *Streptococcus* sp. NPS 308

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.67



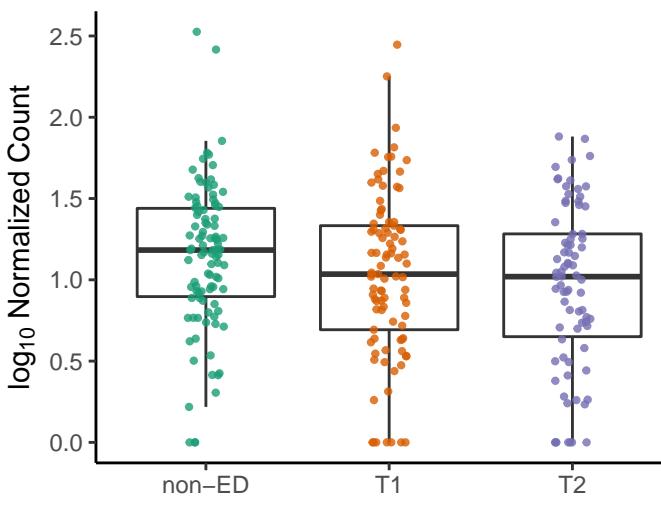
### *Tessaracoccus* sp. T2.5–30

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.99



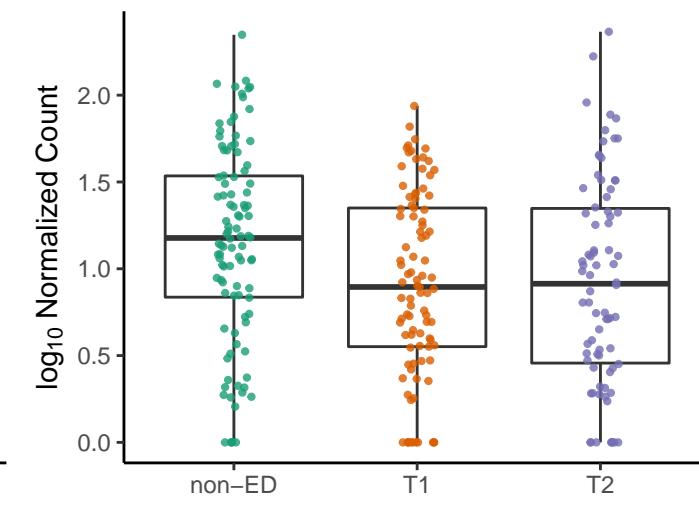
### Unclassified Desulfobacter Genus

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.79



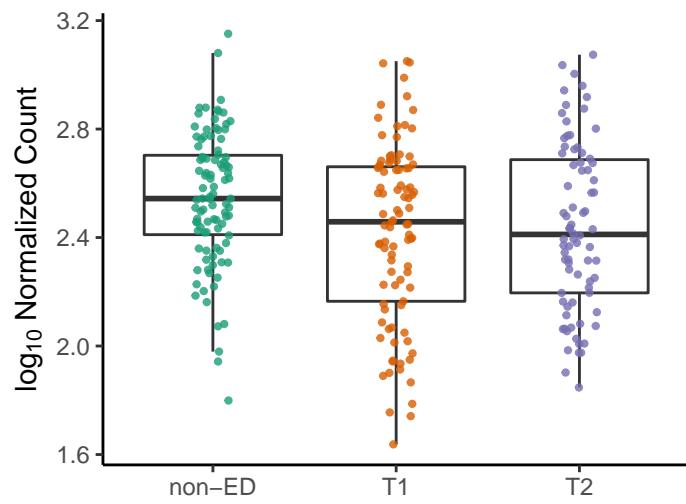
### Unclassified Pelobacter Genus

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.78



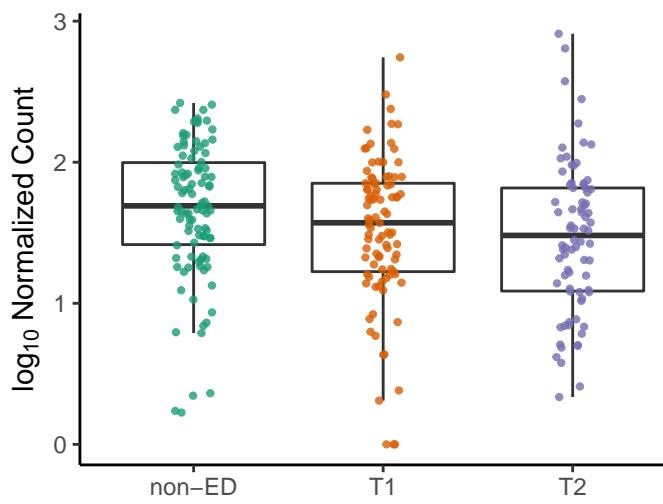
### Unclassified Dickeya Genus

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.73



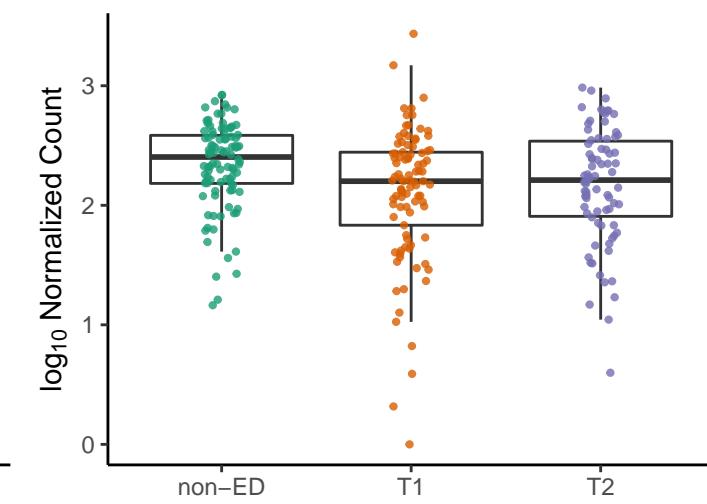
### Polaribacter sp. SA4-10

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.81



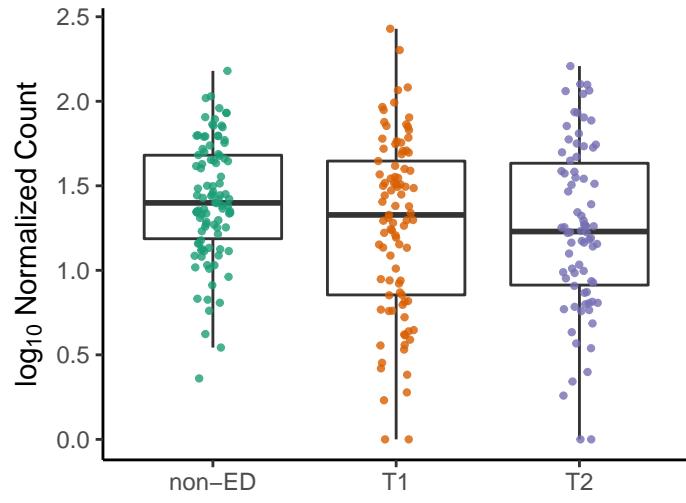
### Rubrivivax gelatinosus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.63



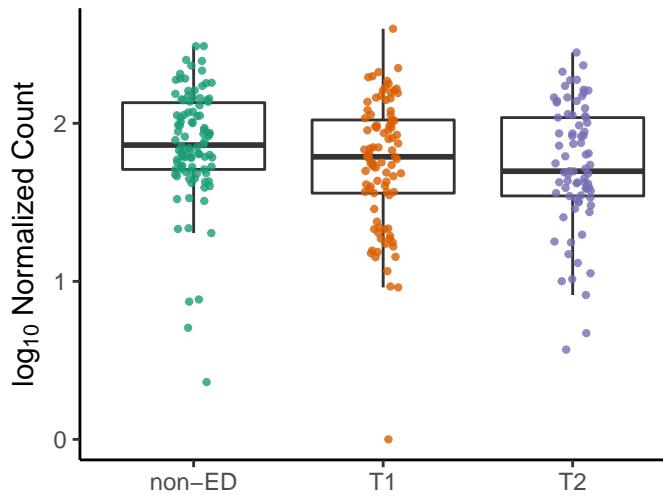
### Unclassified Propionibacterium Genus

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 1



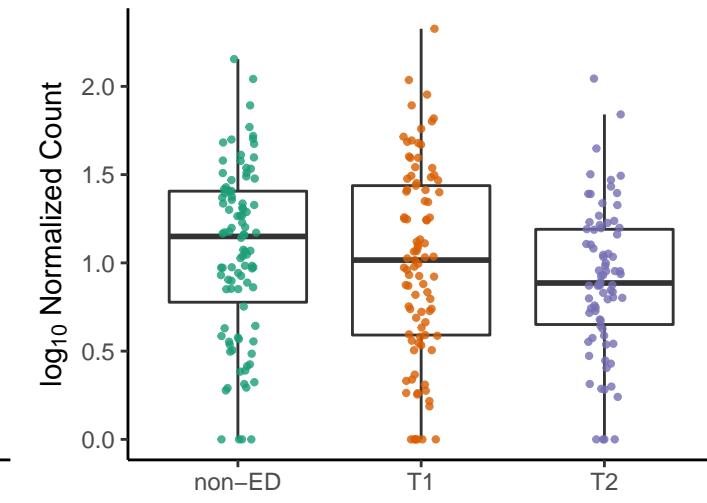
### Providencia heimbachae

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.93



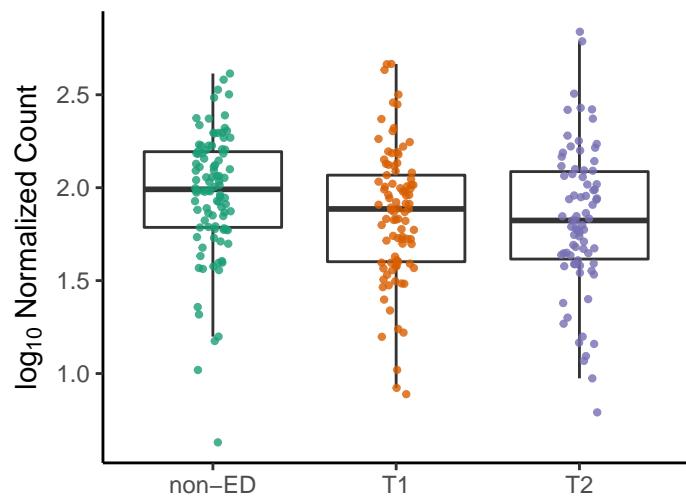
### Candidatus Nitrososphaera evergladen

non-ED vs. T1 adjusted p = 0.53  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.62



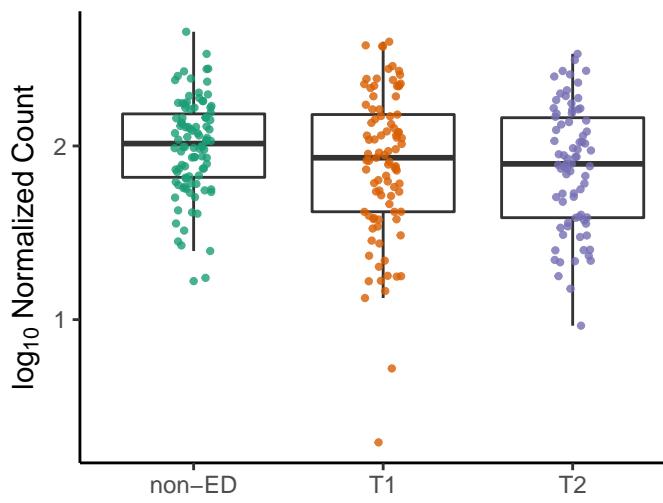
### Chryseobacterium lactis

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.93



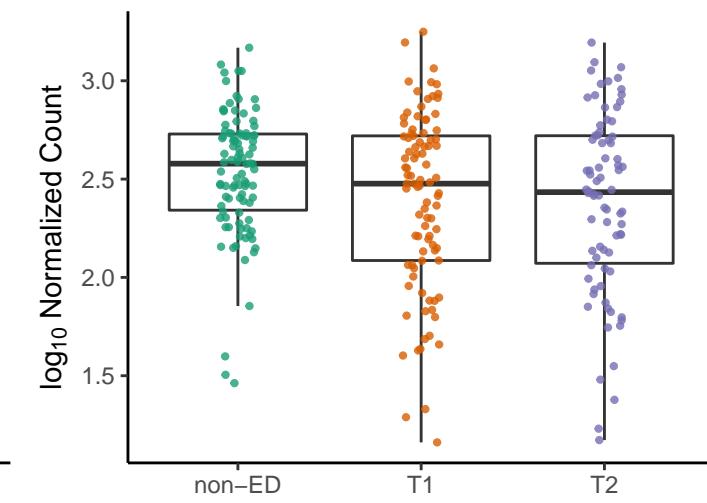
### Unclassified Desulfotomaculum Genus

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.98



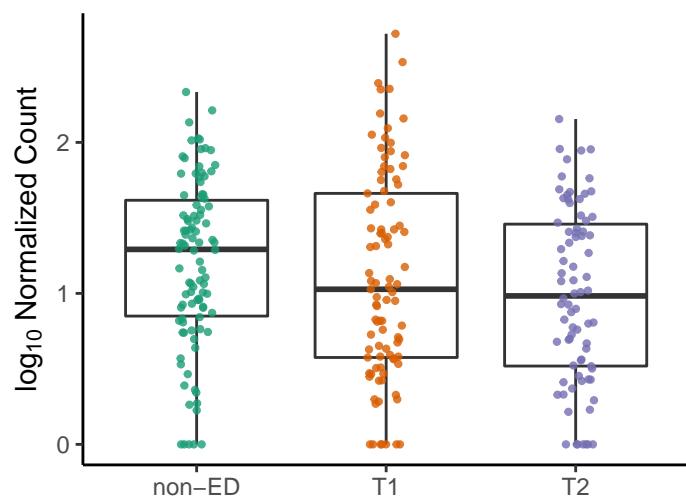
### Haliangium ochraceum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.9



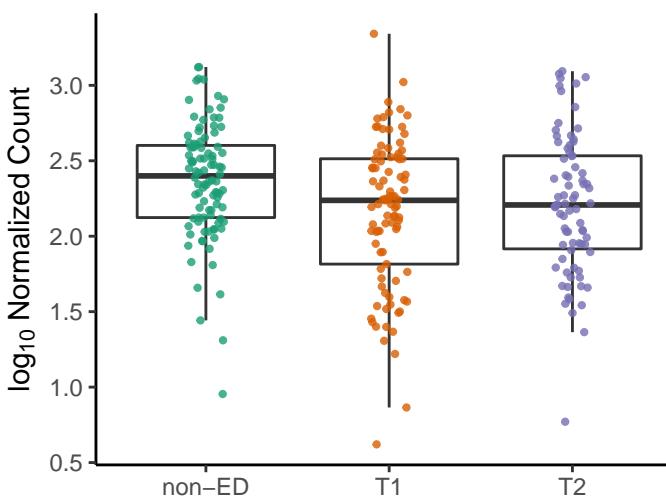
### *Streptococcus pseudoporcinus*

non-ED vs. T1 adjusted p = 0.42  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.68



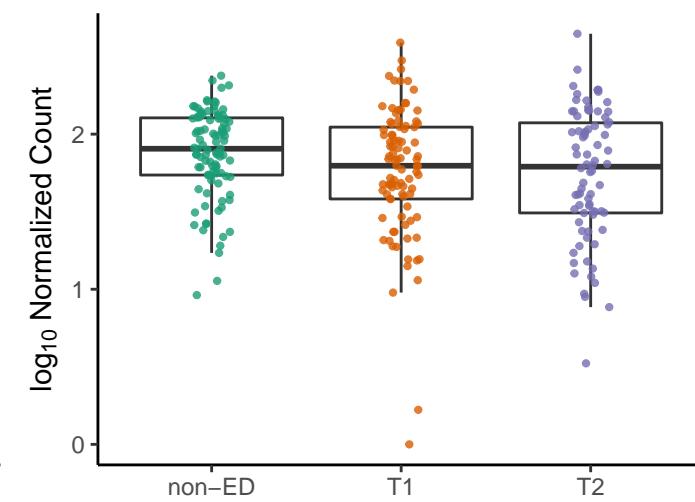
### *Plantactinospora* sp. KBS50

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.67



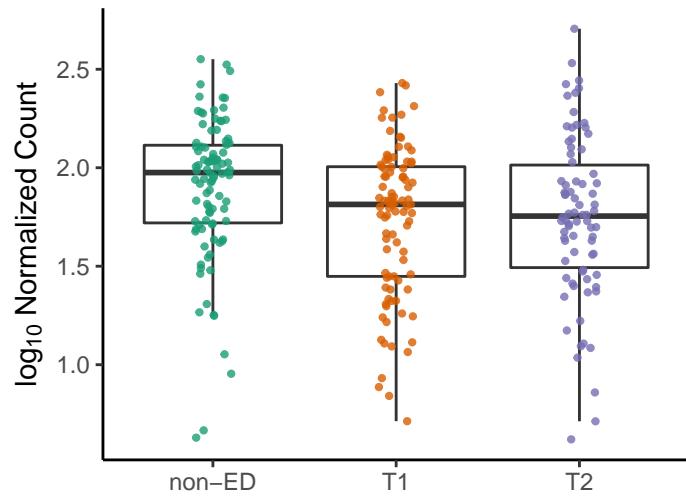
### *Flavobacterium* sp. CJ74

non-ED vs. T1 adjusted p = 0.079  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.96



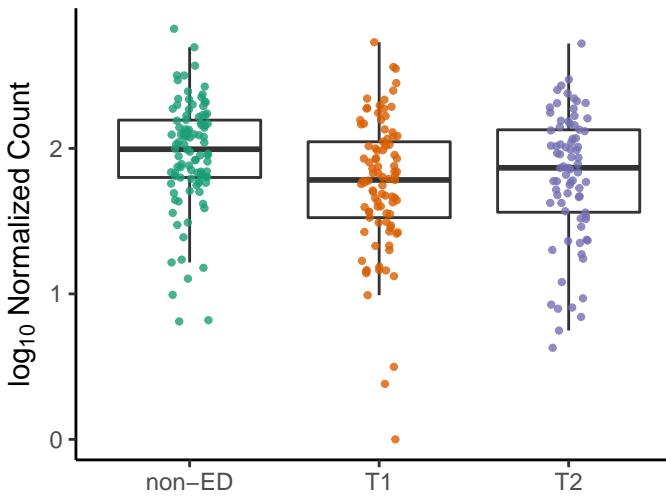
### *Alteromonas* sp. RKMC-009

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.78



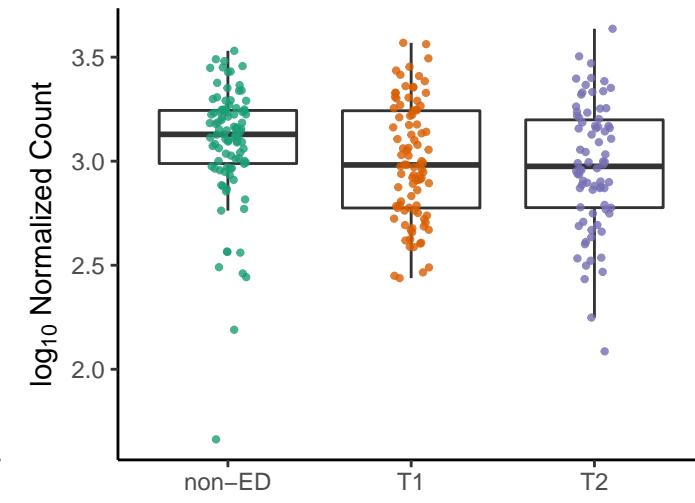
### *Corynebacterium lactis*

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.7



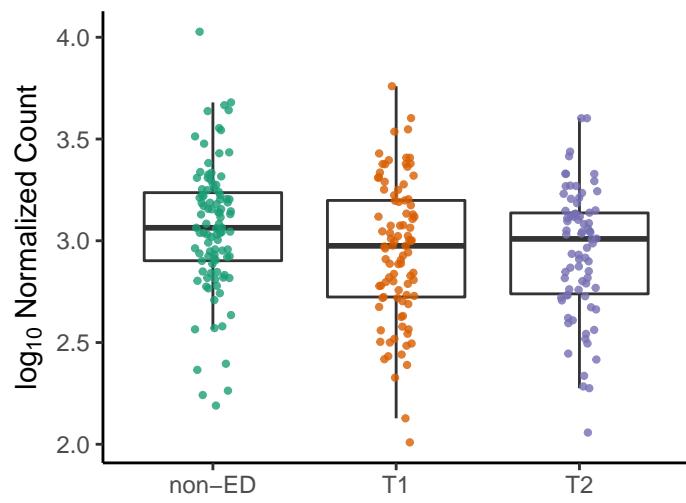
### Unclassified Bacillaceae Family

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.95



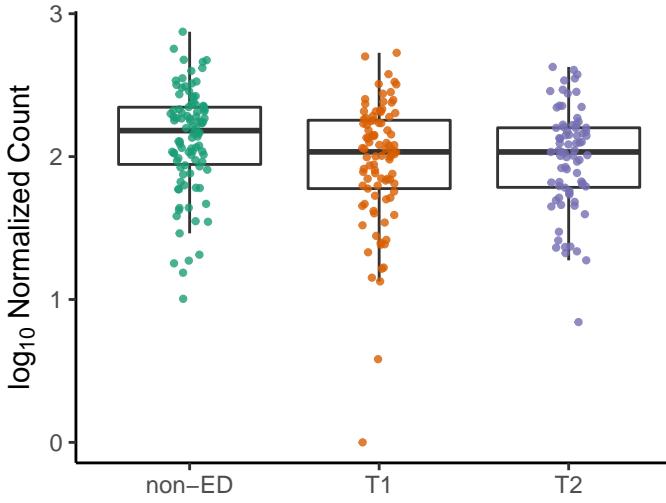
### *Megasphaera stantonii*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.81



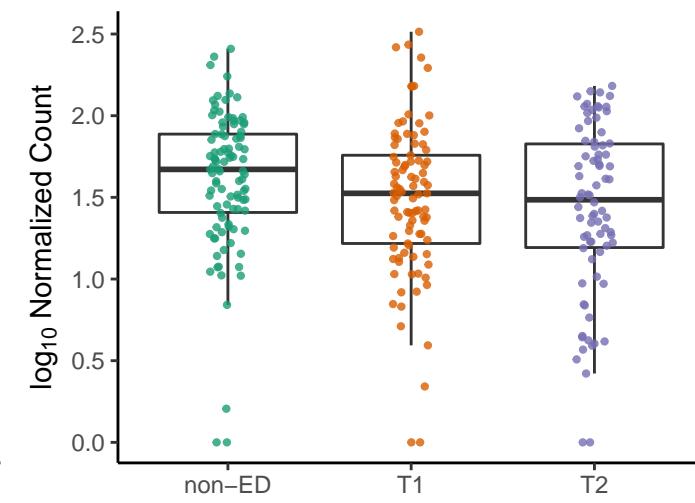
### *Sphingobium yanoikuyae*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.76



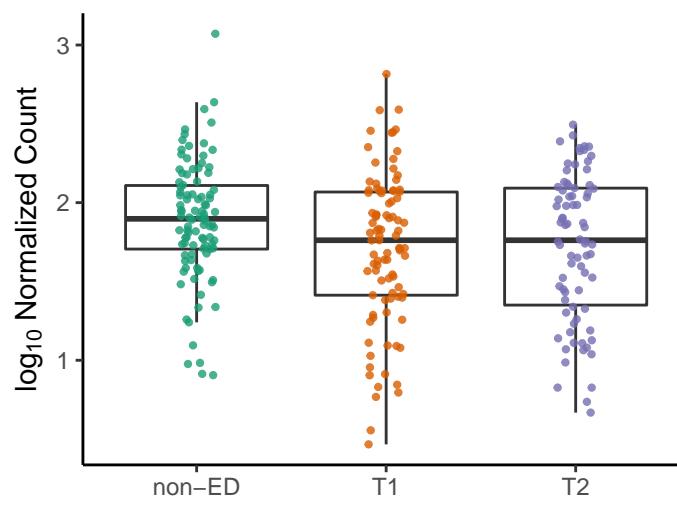
### *Flavobacteriaceae* bacterium

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.64



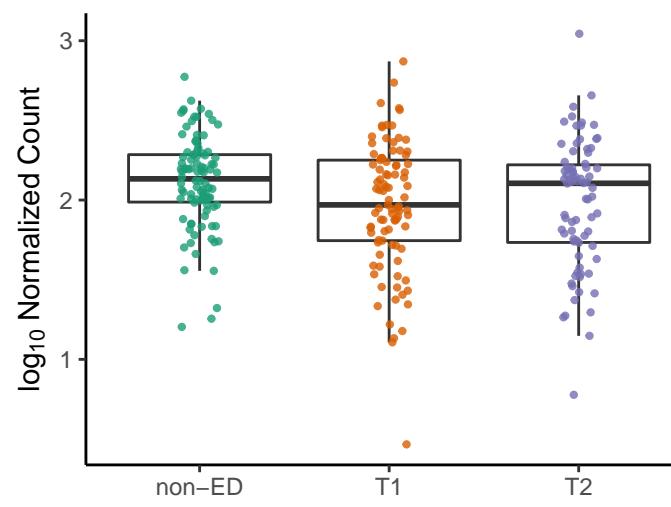
### *Microbacterium oryzae*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.91



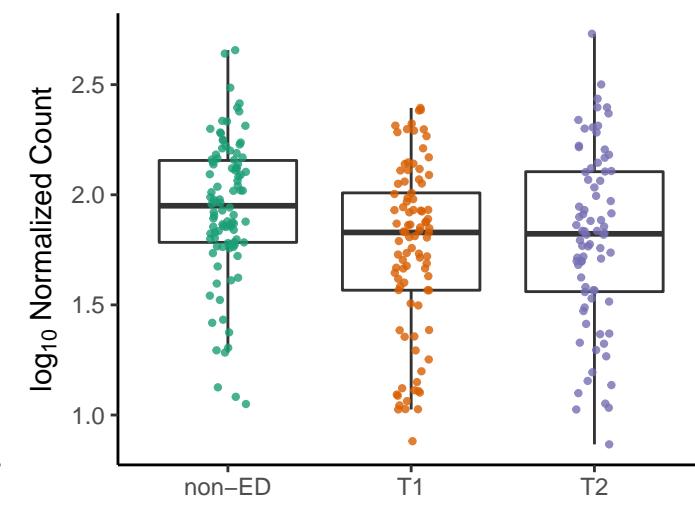
### *Lactobacillus zymae*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.77



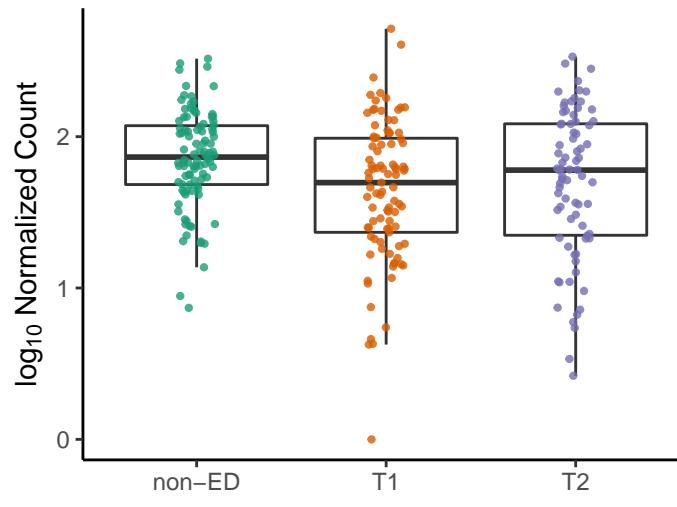
### *Lacimicrobium alkaliphilum*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.67



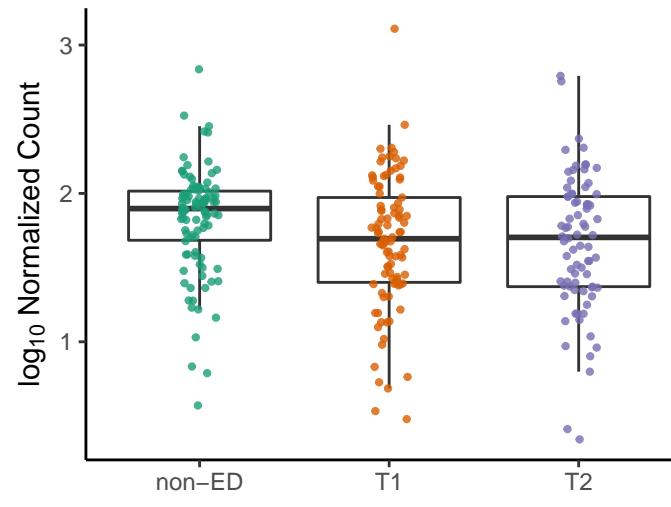
### *Acidiferrobacter sp. SPIII\_3*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.68



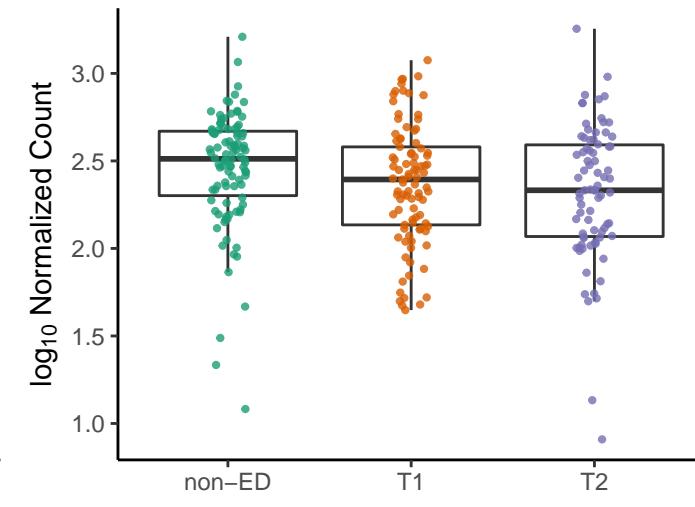
### *Dictyoglomus thermophilum*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.94



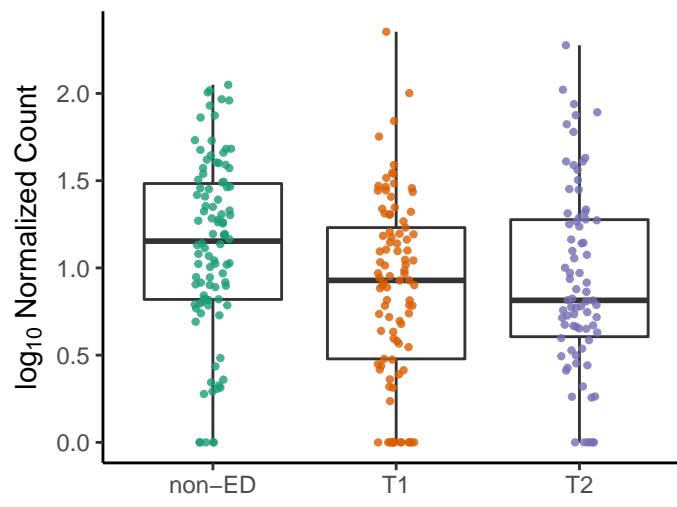
### *Thermoanaerobacterium thermosaccharolyticum*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.78



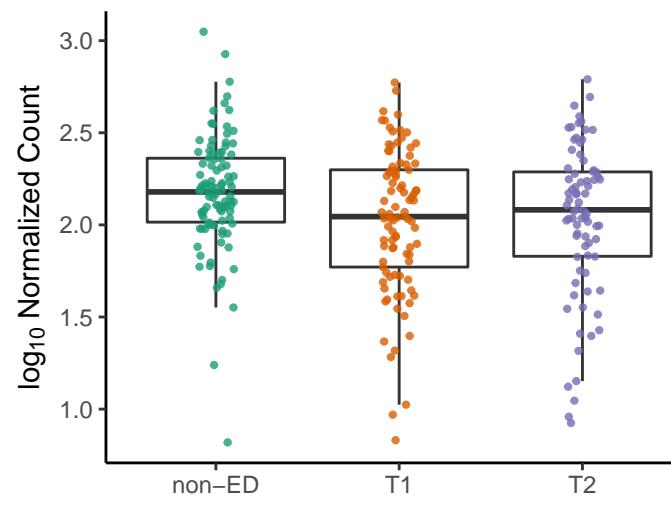
### *Microbacterium paraoxydans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



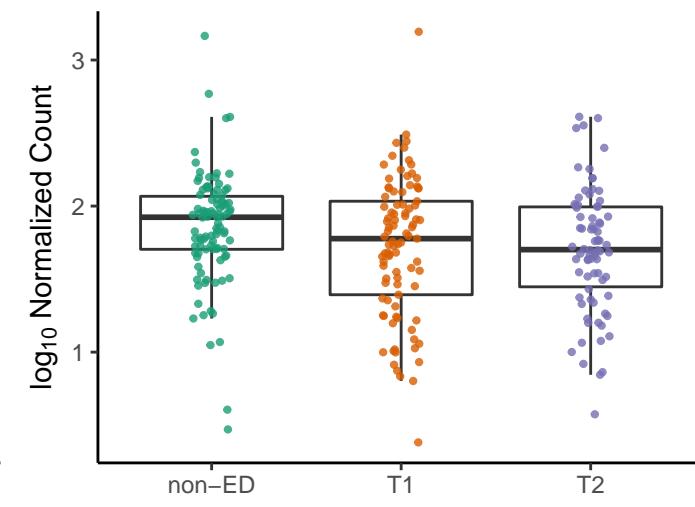
### *Pantoea dispersa*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.81



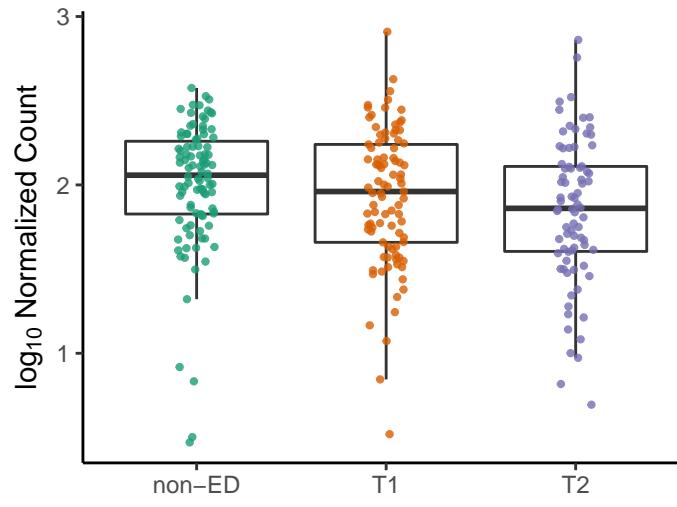
### *Pseudomonas mucidolens*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 1



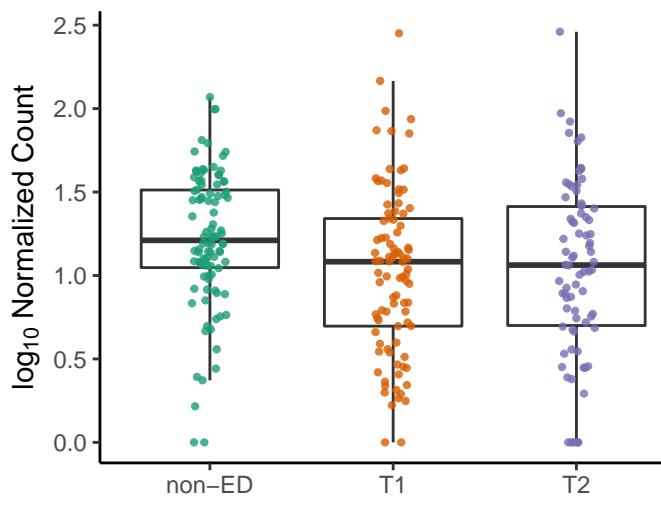
### *Flammeovirga pectinis*

non-ED vs. T1 adjusted  $p = 0.34$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.56$



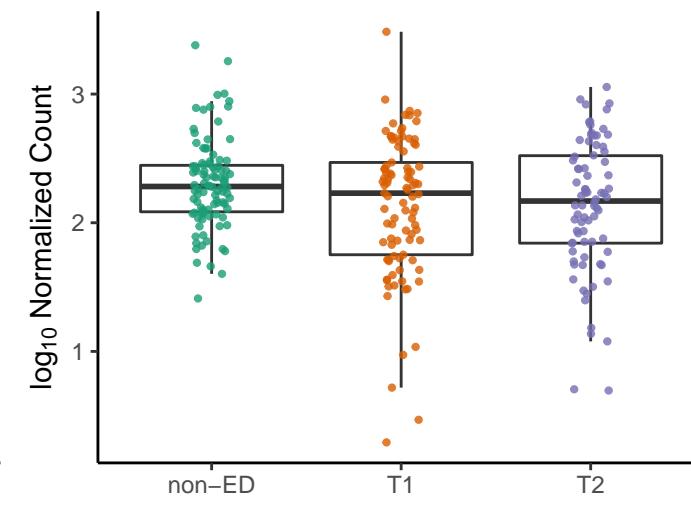
### *Elizabethkingia* sp. 2–6

non-ED vs. T1 adjusted  $p = 0.022$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.98$



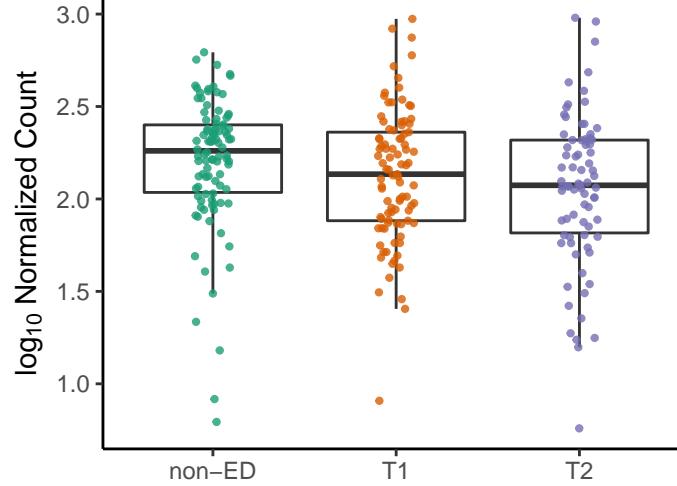
### Unclassified Micromonosporaceae Family

non-ED vs. T1 adjusted  $p = 0.042$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.86$



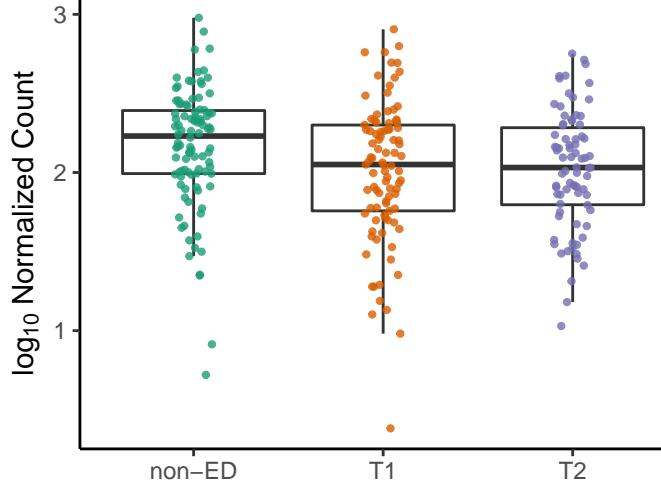
### *Bacillus litoralis*

non-ED vs. T1 adjusted  $p = 0.25$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.73$



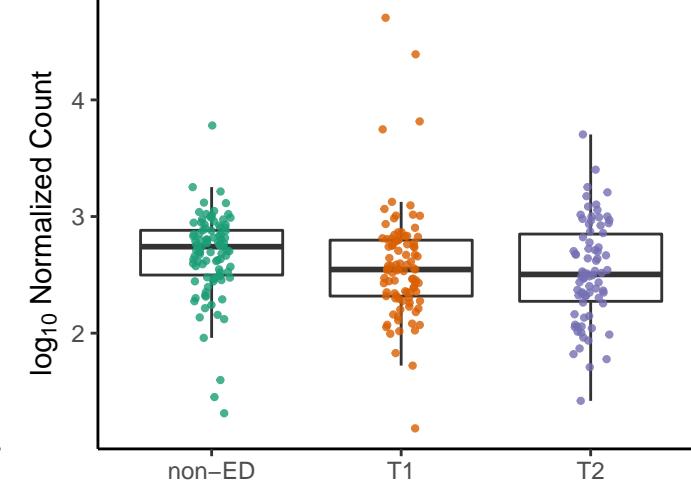
### *Massilia putida*

non-ED vs. T1 adjusted  $p = 0.047$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.8$



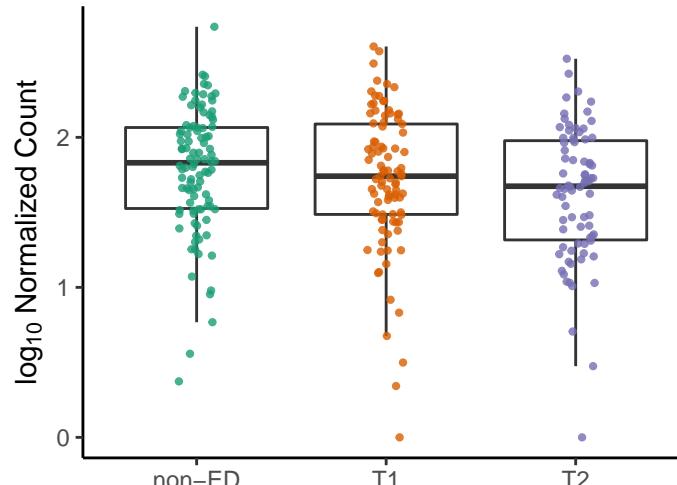
### *Lactobacillus plantarum*

non-ED vs. T1 adjusted  $p = 0.22$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.86$



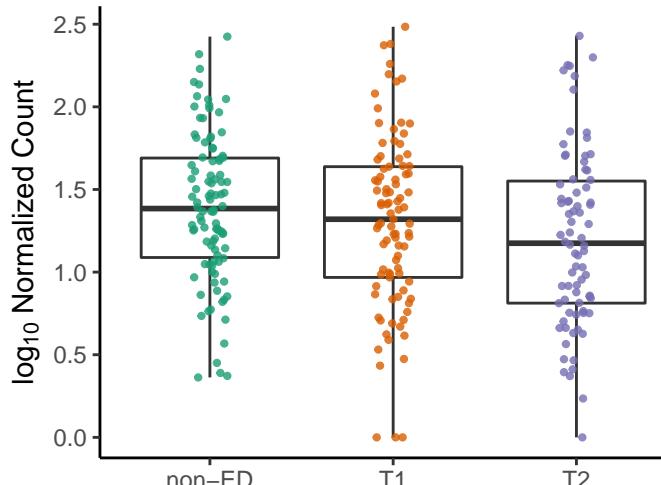
### *Luteimonas* sp. 100111

non-ED vs. T1 adjusted  $p = 0.44$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.7$



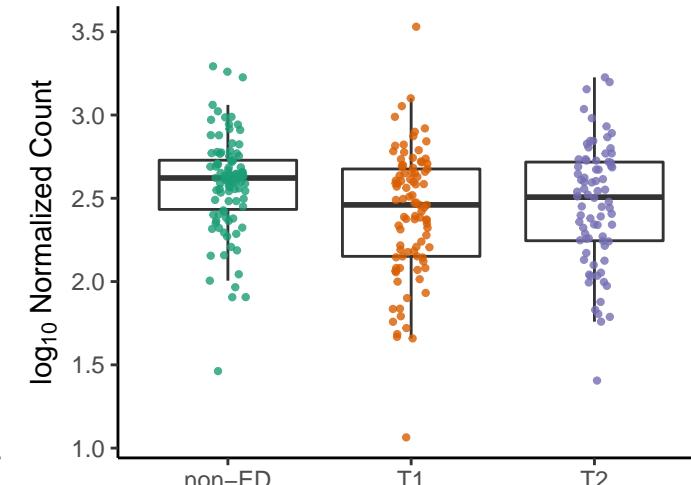
### *Mycoplasma gallinaceum*

non-ED vs. T1 adjusted  $p = 0.36$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.7$



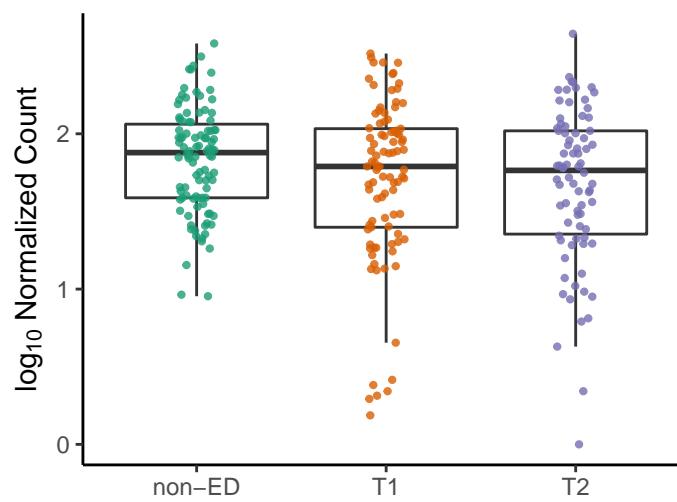
### *Pseudomonas mendocina*

non-ED vs. T1 adjusted  $p = 0.0066$   
 non-ED vs. T2 adjusted  $p = 0.05$   
 T1 vs. T2 adjusted  $p = 0.67$



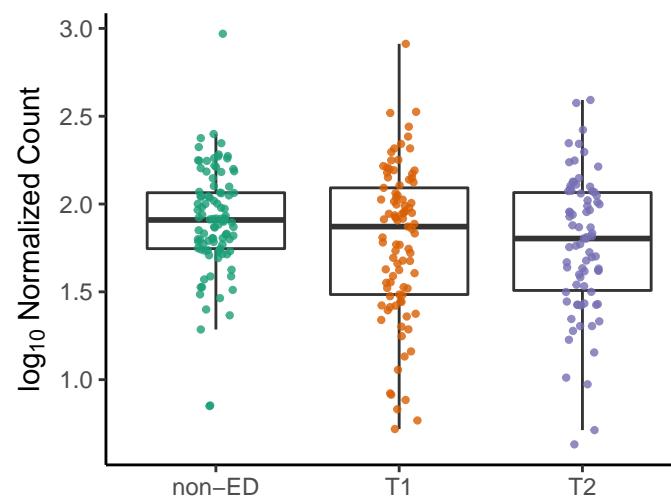
### Sulfitobacter sp. SK025

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.9



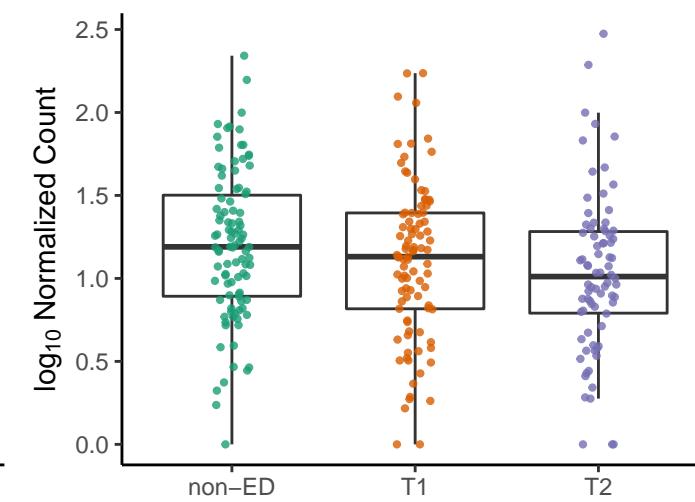
### Ustilago maydis

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.87



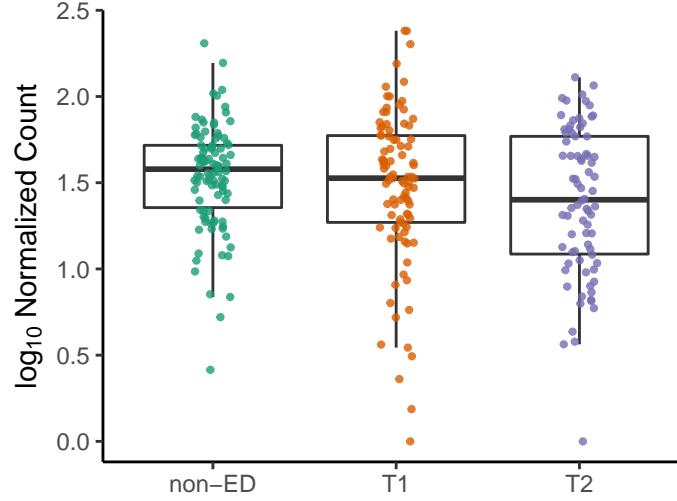
### Vibrio cyclitrophicus

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.63



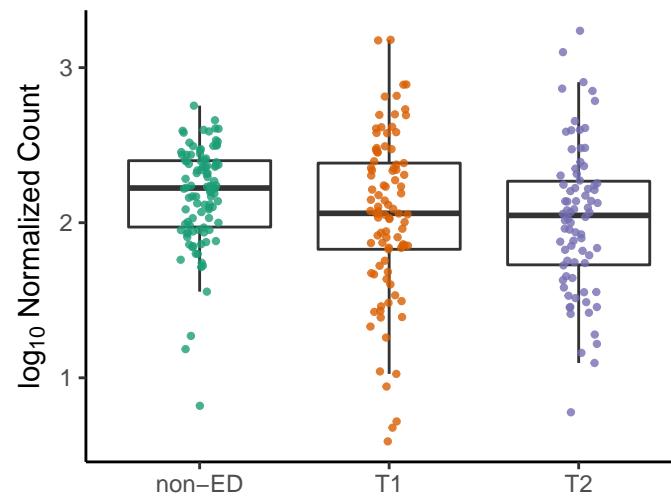
### Jonesia denitrificans

non-ED vs. T1 adjusted p = 0.44  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.8



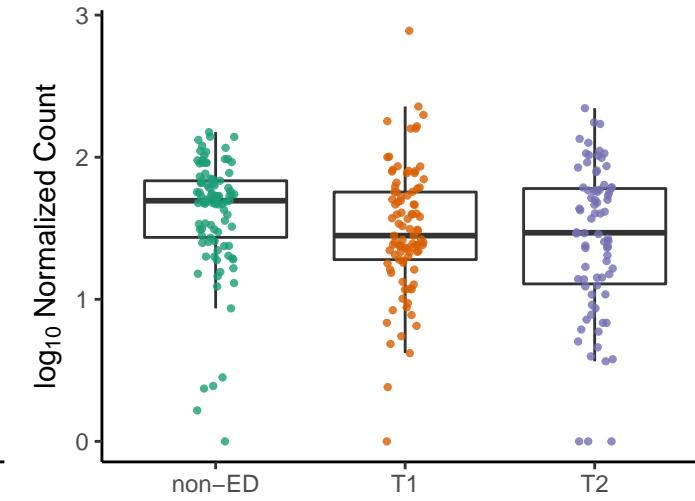
### Candidatus Koribacter versatilis

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.99



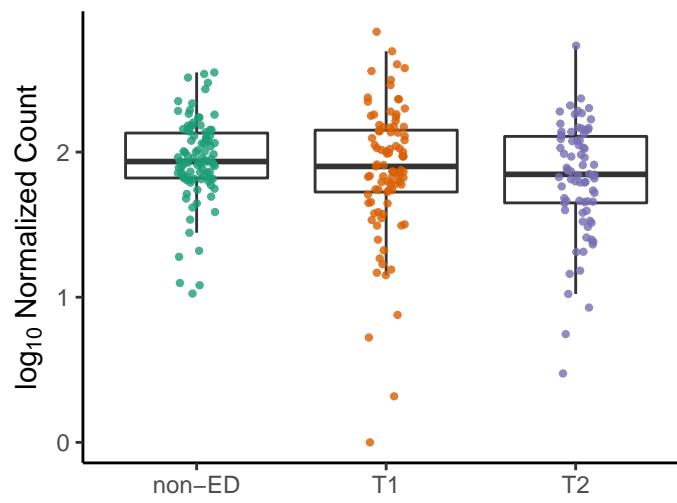
### Winogradskyella sp. PC-19

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.63



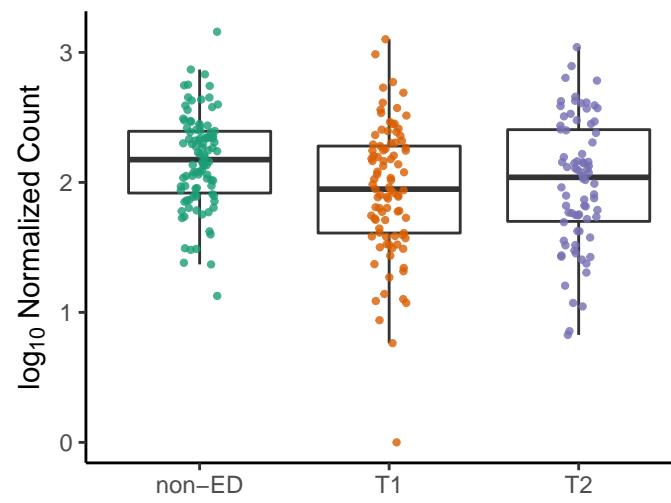
### Pseudarthrobacter phenanthrenivorans

non-ED vs. T1 adjusted p = 0.31  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.76



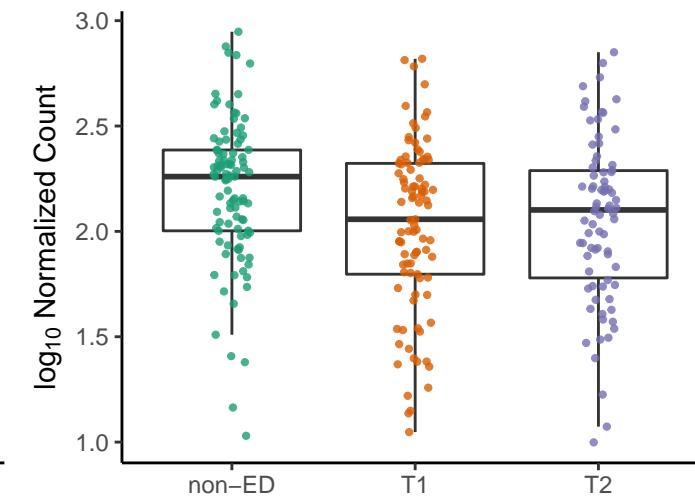
### Streptomyces hundungensis

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.64



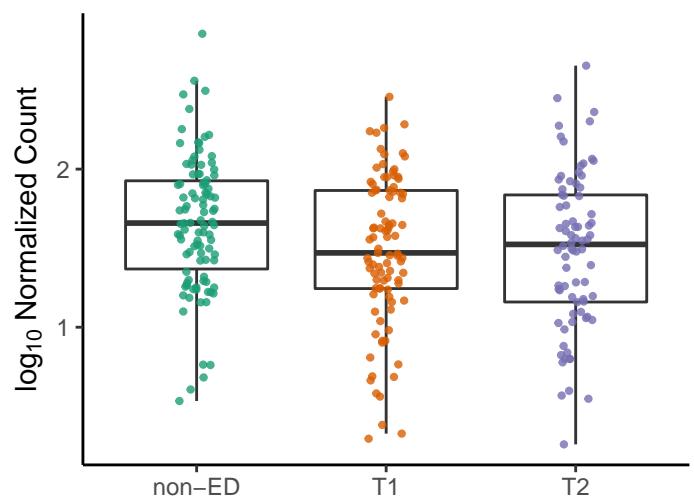
### Herbaspirillum seropedicae

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.78



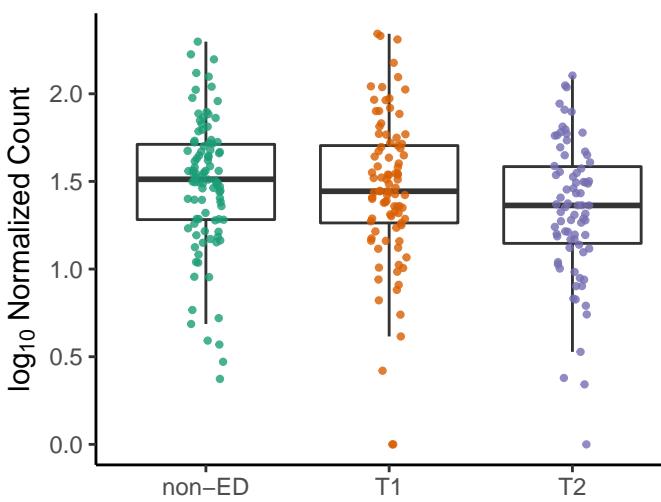
### *Pseudomonas* sp. Leaf58

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.82



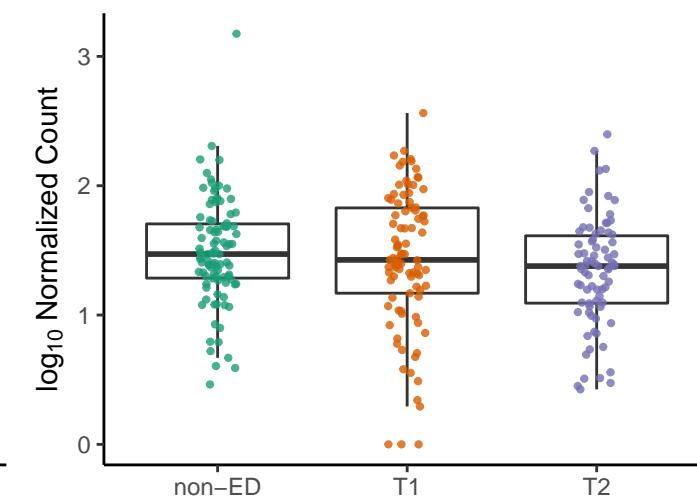
### *Lactobacillus graminis*

non-ED vs. T1 adjusted p = 0.69  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.57



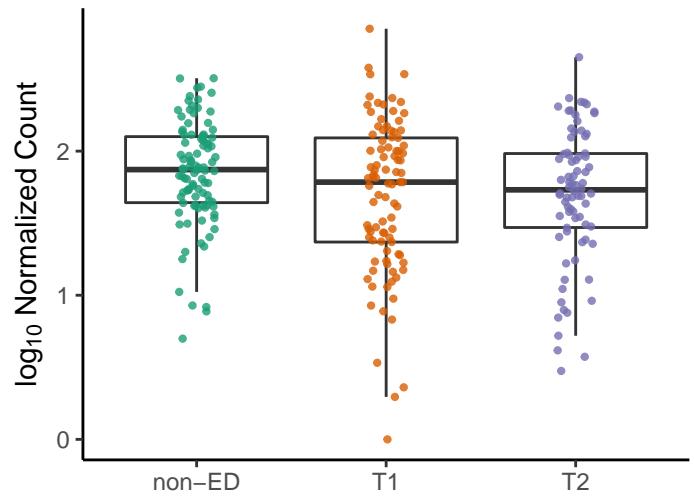
### *Pseudomonas* sp. LAB-08

non-ED vs. T1 adjusted p = 0.5  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.77



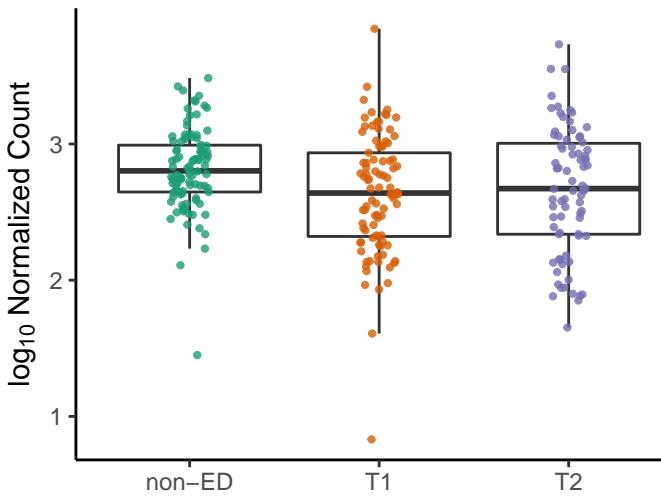
### *Sphingobium* sp. SYK-6

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.95



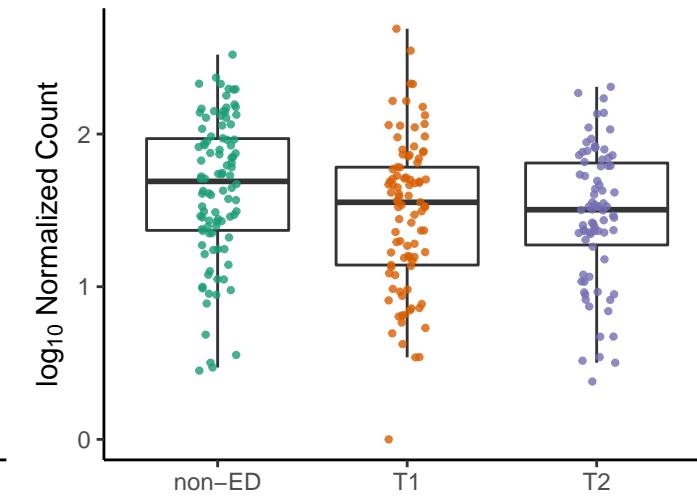
### Unclassified Microbacteriaceae Family

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.74



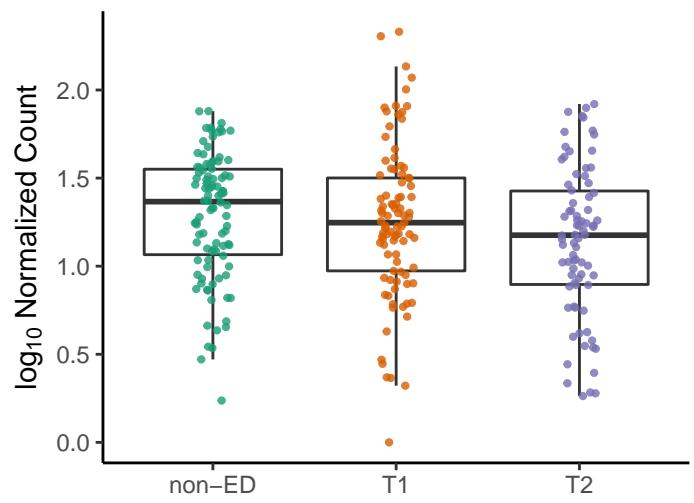
### *Ehrlichia ruminantium*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.97



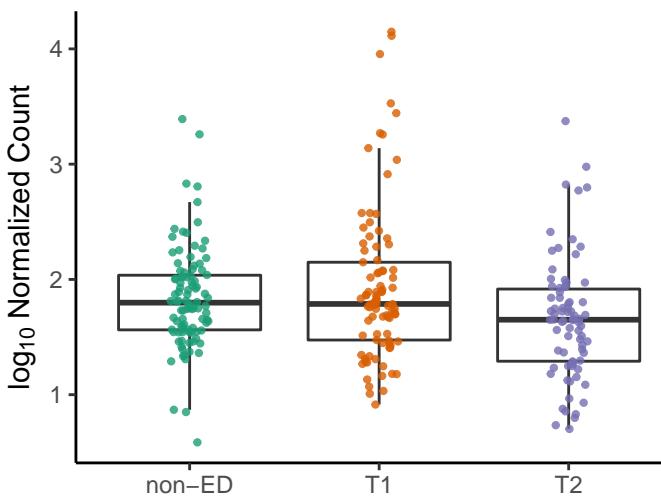
### cyanobacterium endosymbiont of Rhop

non-ED vs. T1 adjusted p = 0.67  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.65



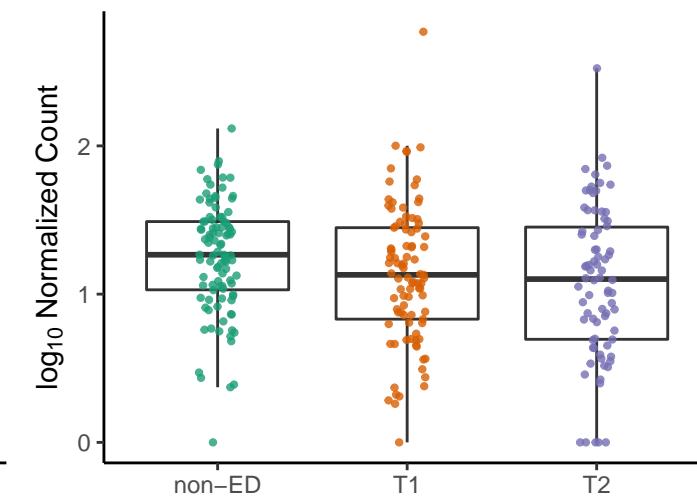
### *Klebsiella variicola*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.21



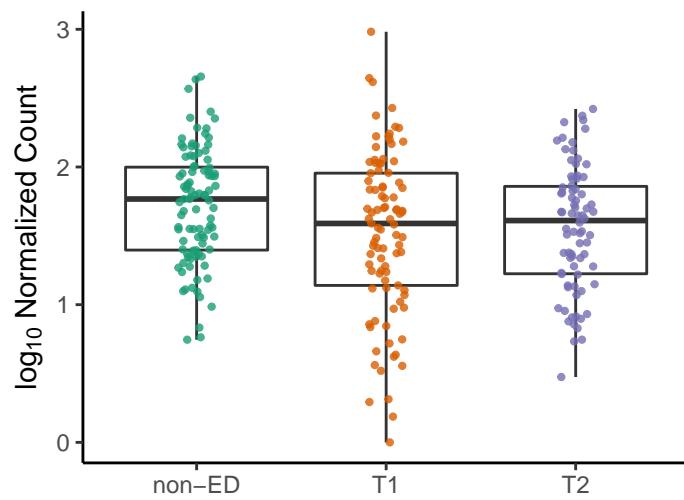
### *Mannheimia granulomatis*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.82



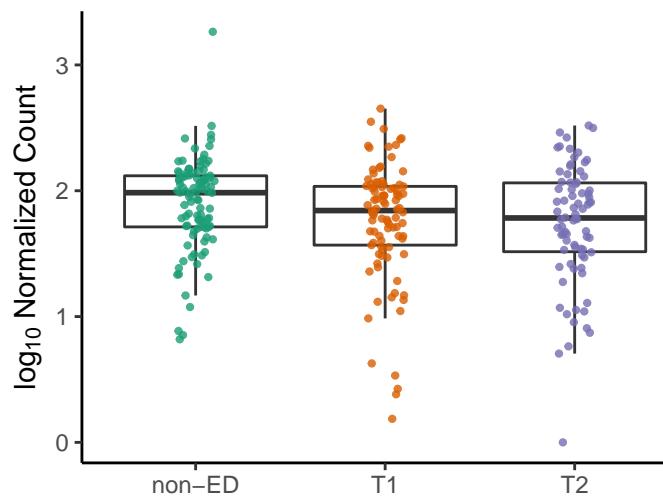
### *Mycolicibacter hiberniae*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.81



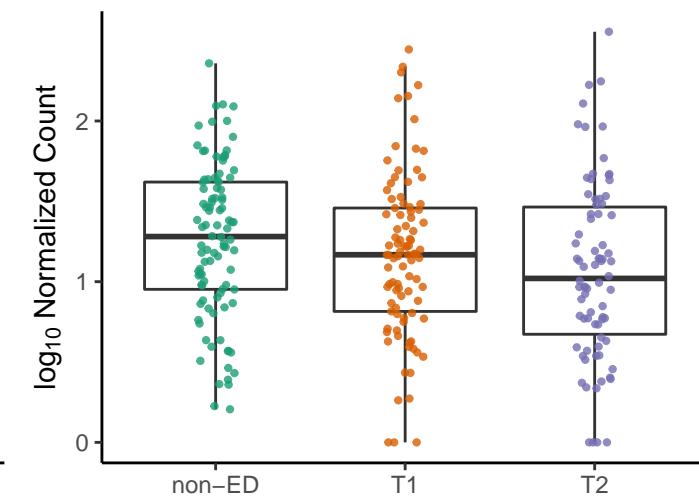
### *Pseudomonas trivialis*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.98



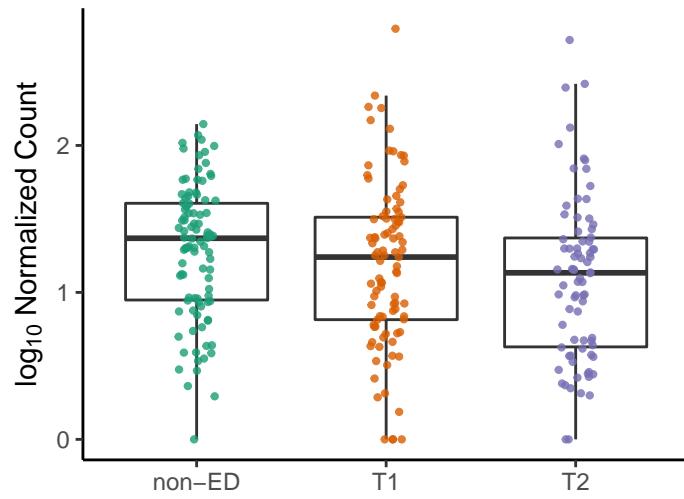
### *Spiroplasma diminutum*

non-ED vs. T1 adjusted p = 0.3  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.63



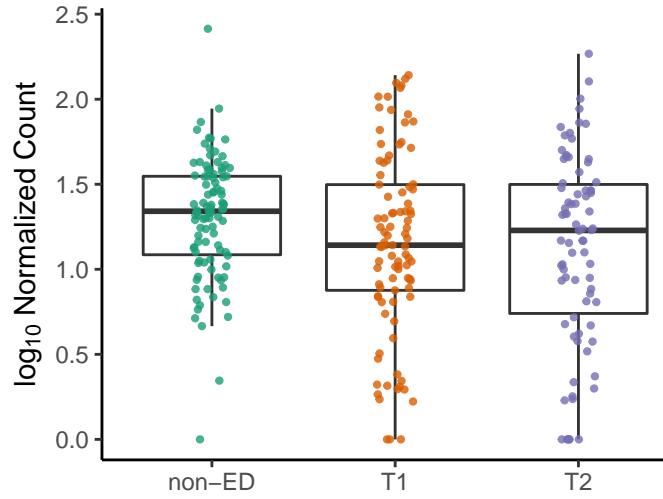
### [Mycobacterium] stephanolepidis

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.64



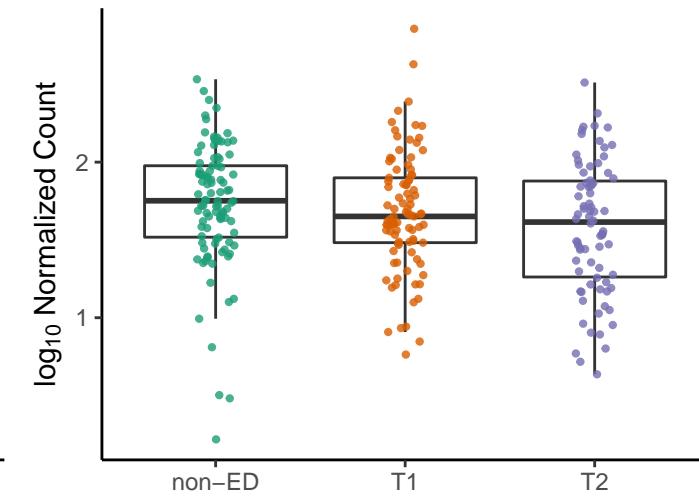
### *Caldisphaera lagunensis*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.8



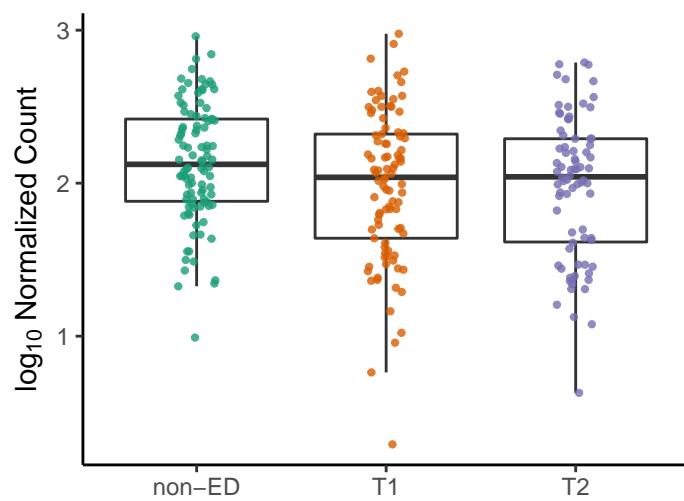
### *Cellulophaga baltica*

non-ED vs. T1 adjusted p = 0.45  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.6



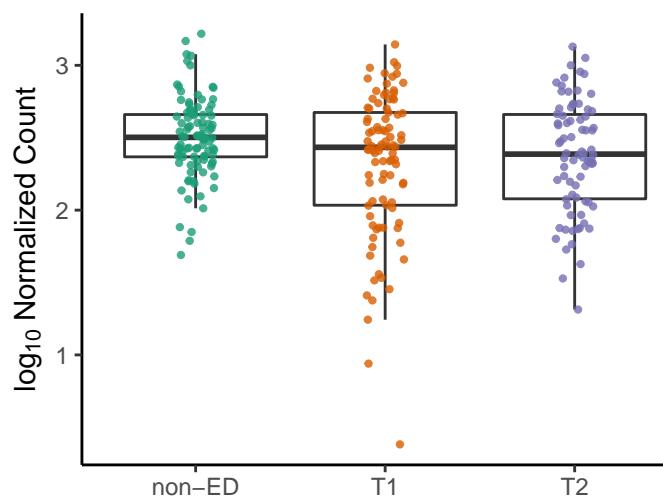
### *Pimelobacter simplex*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.98



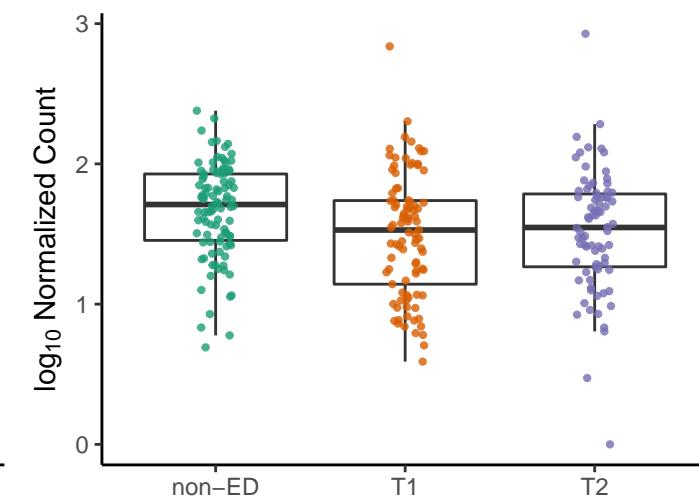
### *Geobacter sp. FeAm09*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



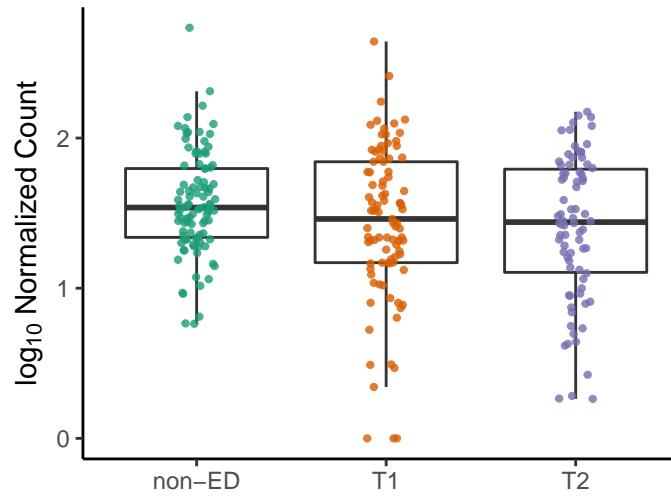
### *Candidatus Planktophila dulcis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.81



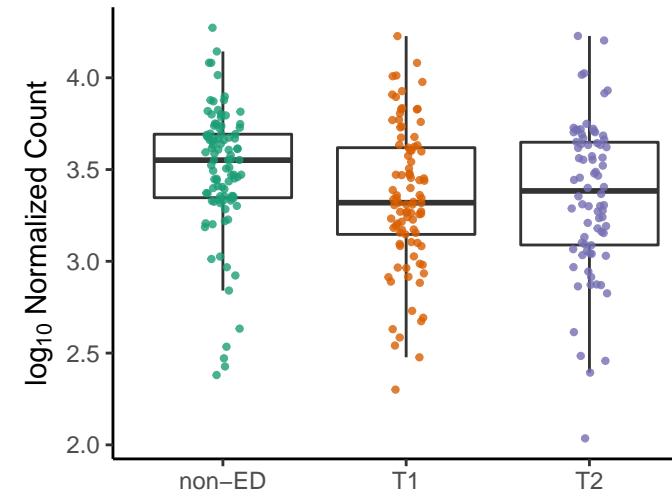
### *Gordonia rubripertincta*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.97



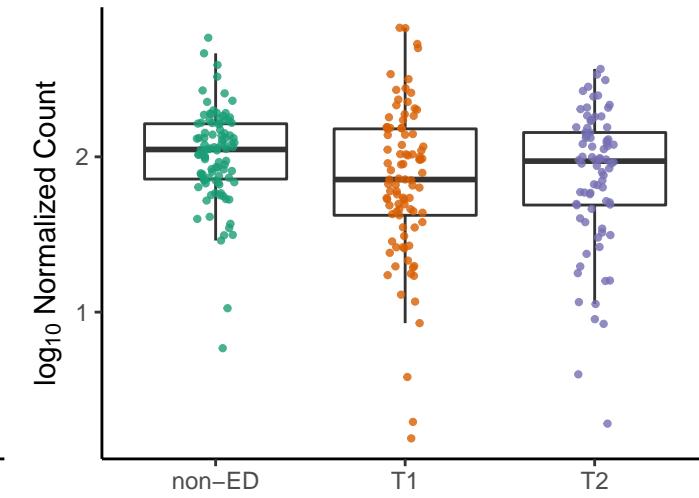
### *Streptococcus pasteurianus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.97



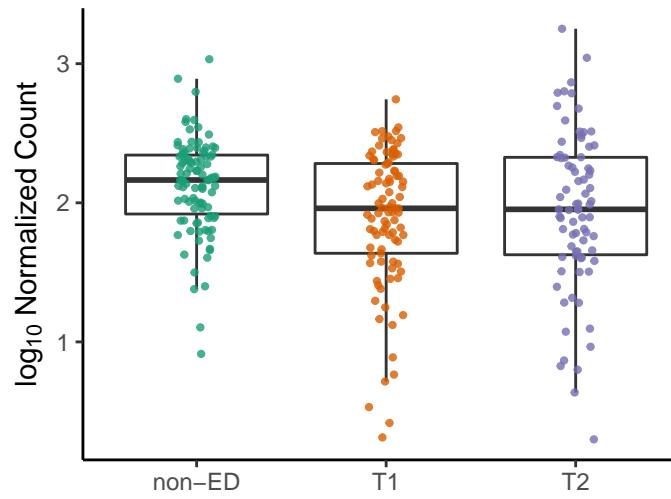
### *Mixta gaviniae*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.73



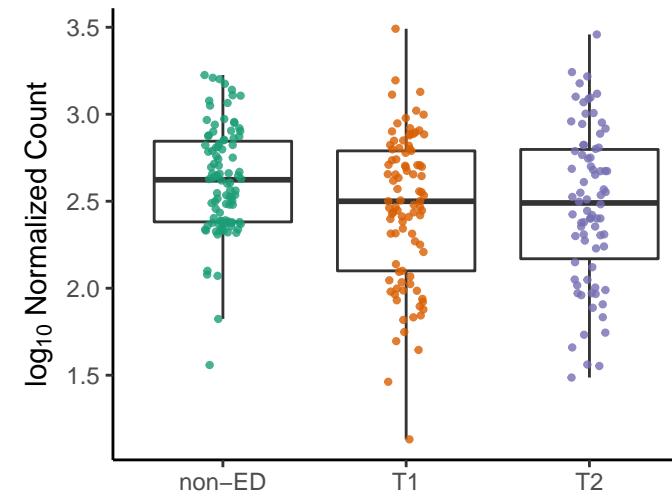
### *Mycolicibacterium pulveris*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



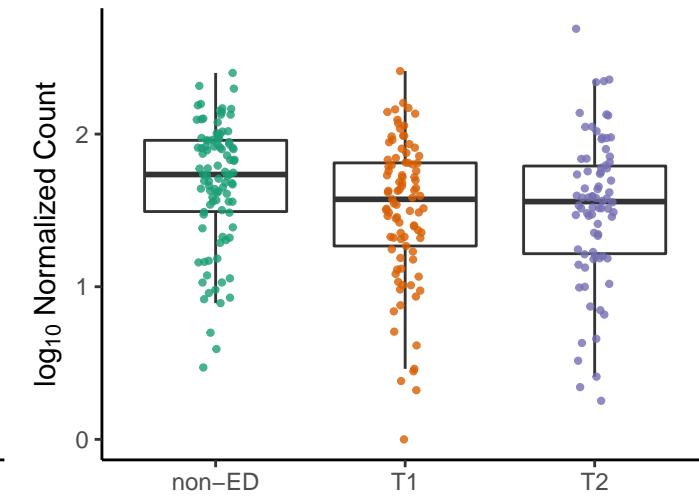
### *Archangium gephyra*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.76



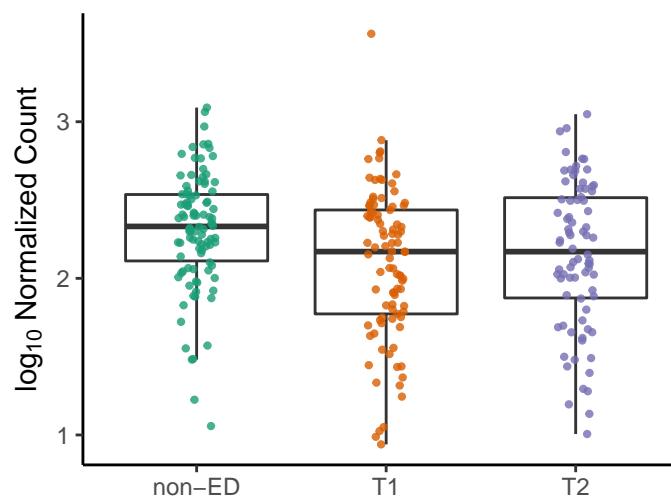
### *Catenovulum sp. CCB-QB4*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.97



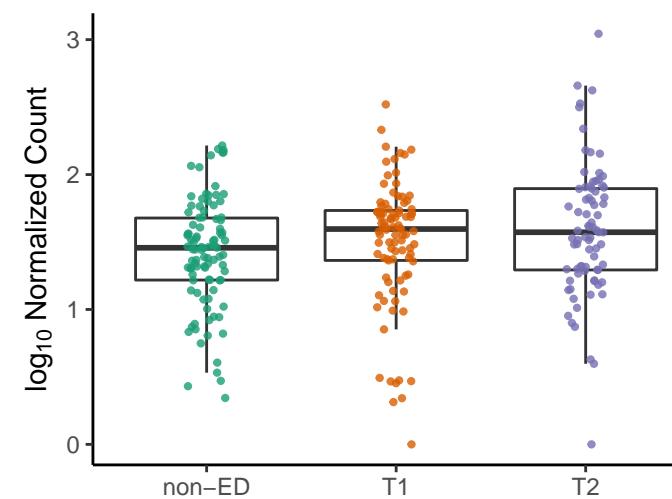
### *Xanthomonas translucens*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



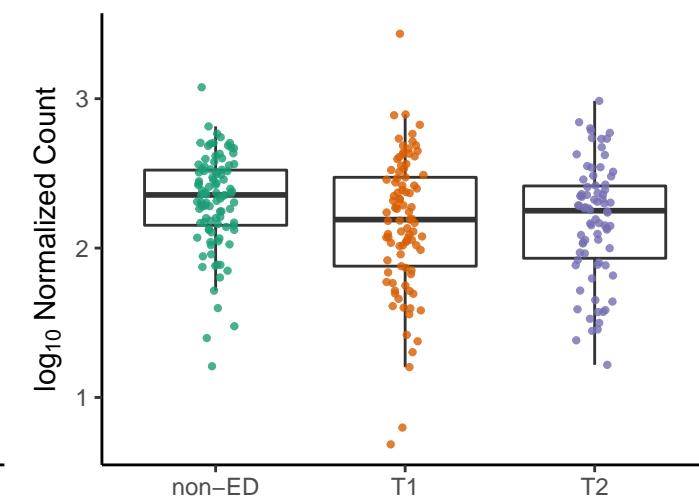
### *Synechococcus sp. CC9605*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.63



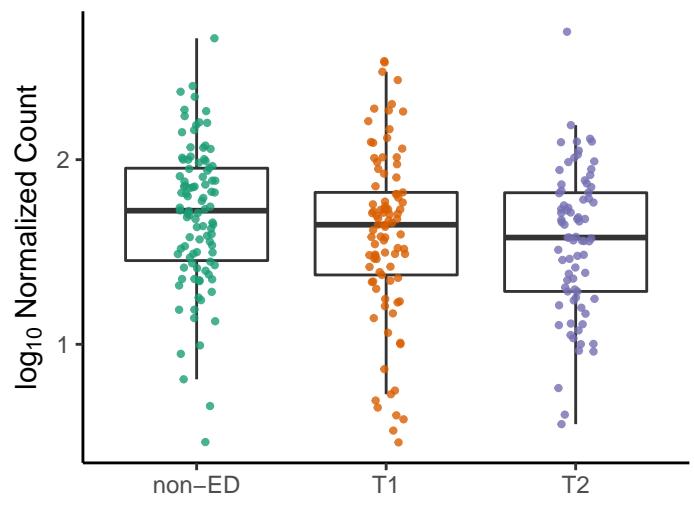
### *Lentzea guizhouensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.82



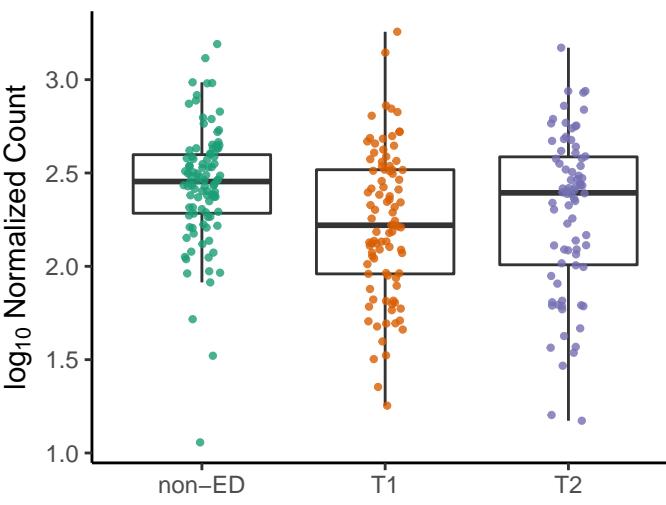
### *Lactobacillus bombi*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.83



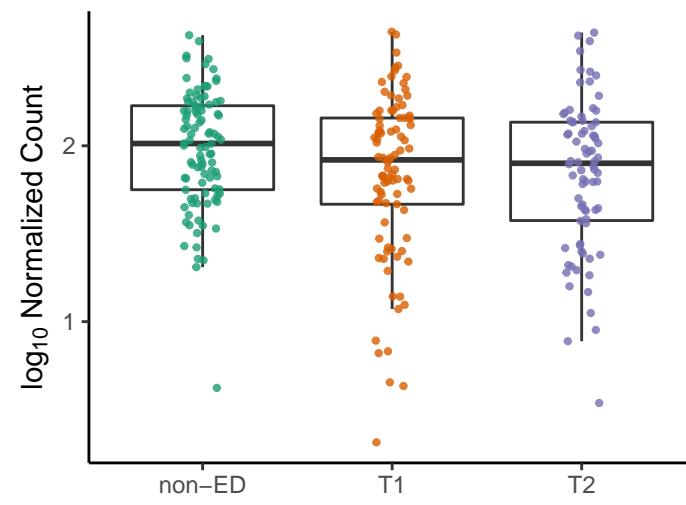
### *Tistrella mobilis*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.64



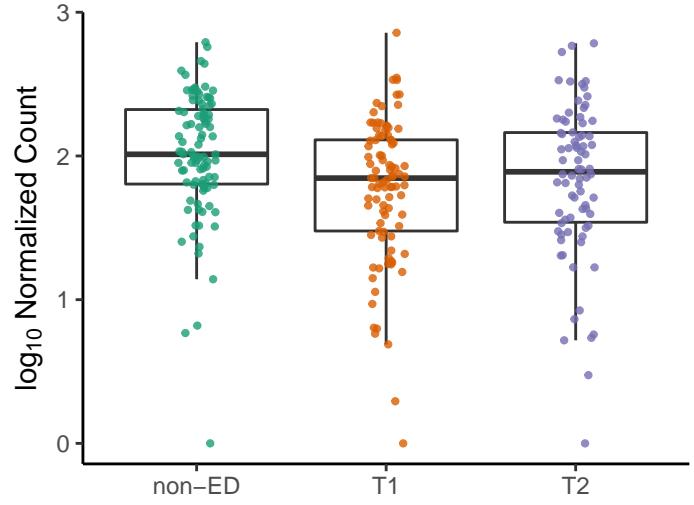
### *Micromonospora purpureochromogenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.79



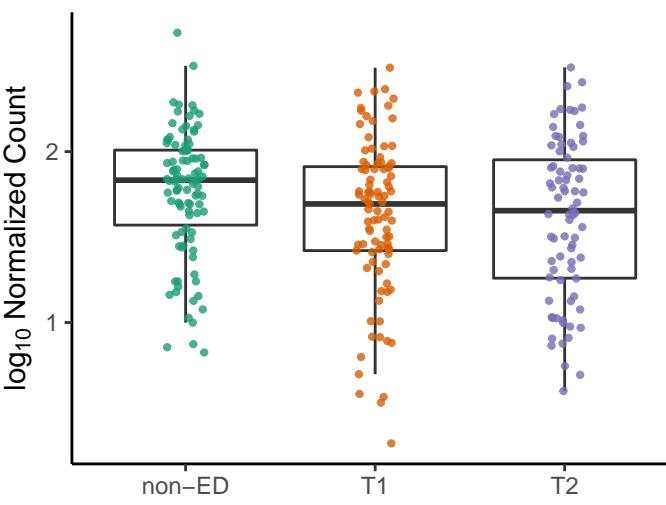
### *Aeromicrobium sp. MF47*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



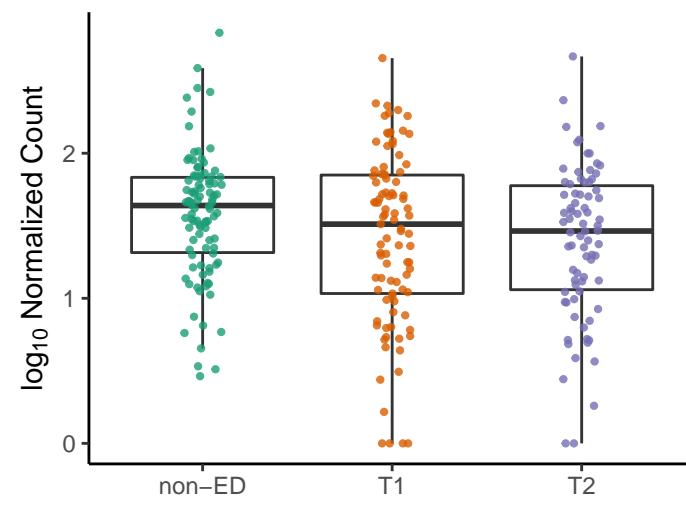
### *Mycobacterium florentinum*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.98



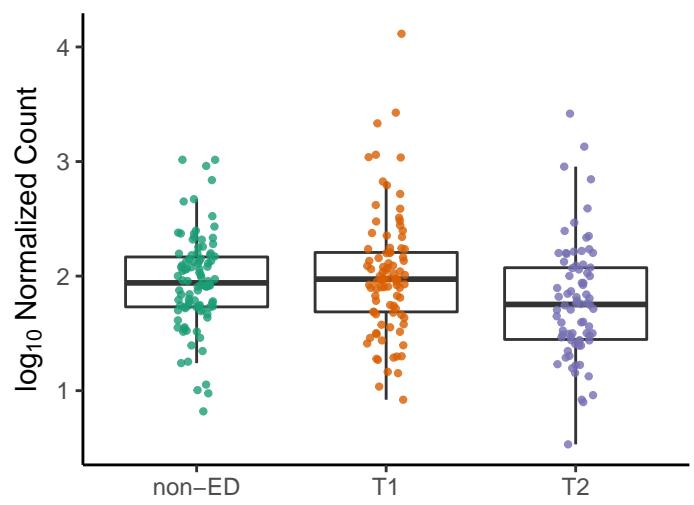
### Unclassified Opitutaceae Family

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.98



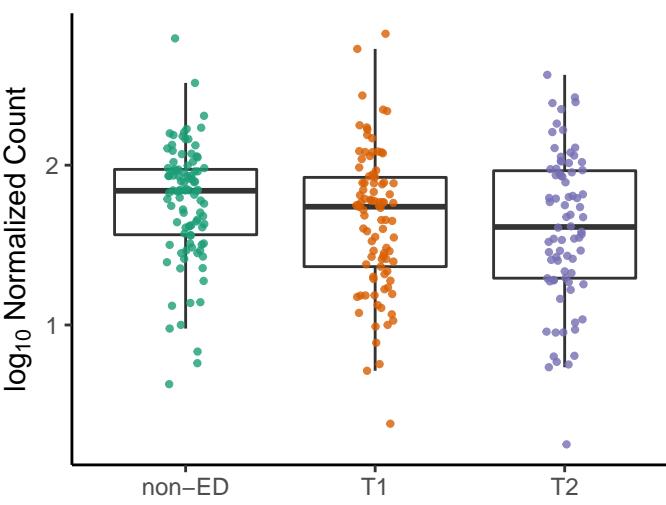
### *Klebsiella huaxiensis*

non-ED vs. T1 adjusted p = 0.52  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.23



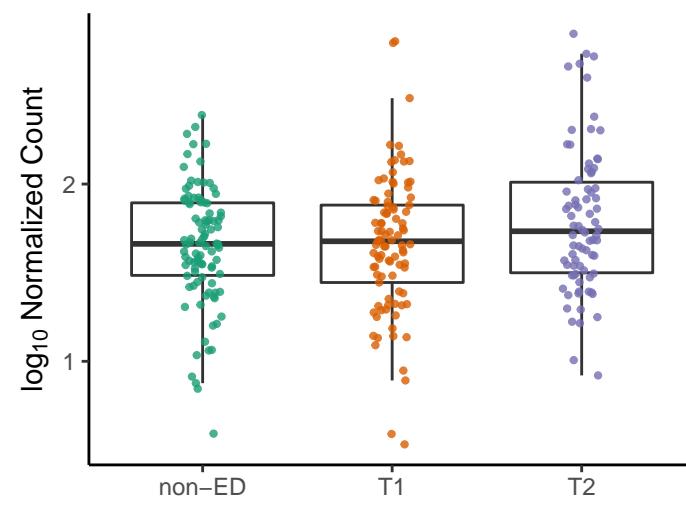
### *Wenyingzhuangia fucanilytica*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.86



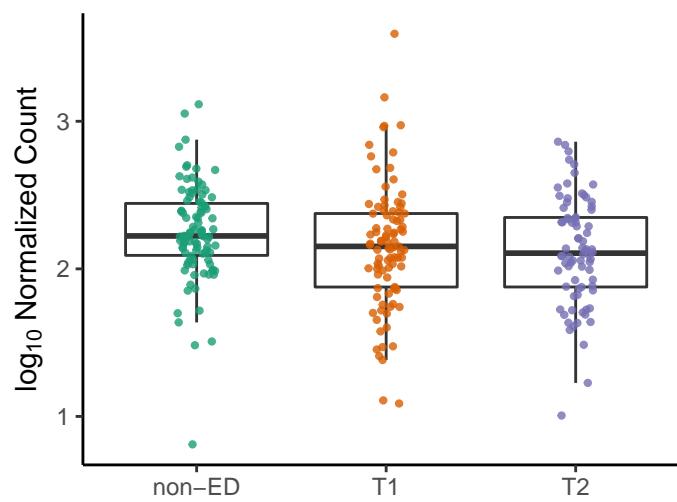
### *Mariniblastus fucicola*

non-ED vs. T1 adjusted p = 0.9  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.15



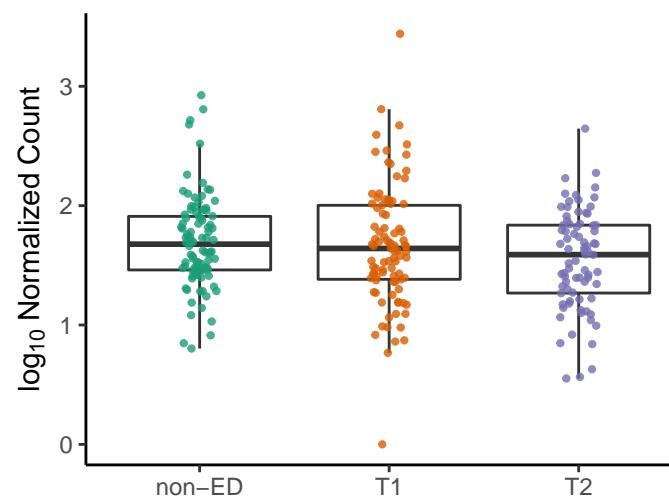
### [Enterobacter] lignolyticus

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.89



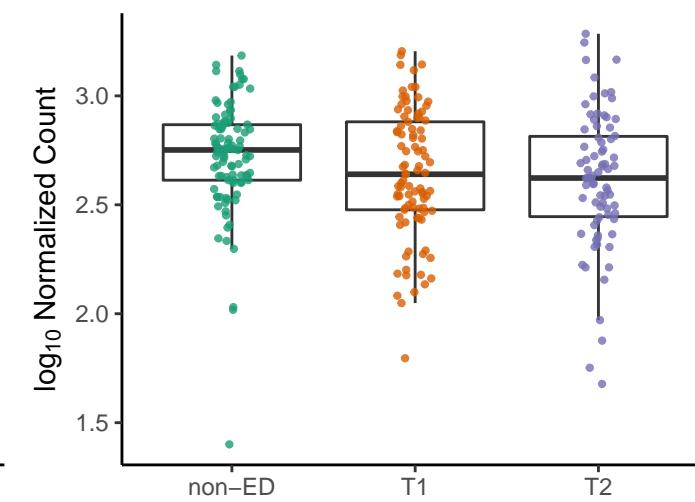
### Enterobacter oligotrophica

non-ED vs. T1 adjusted p = 0.73  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.7



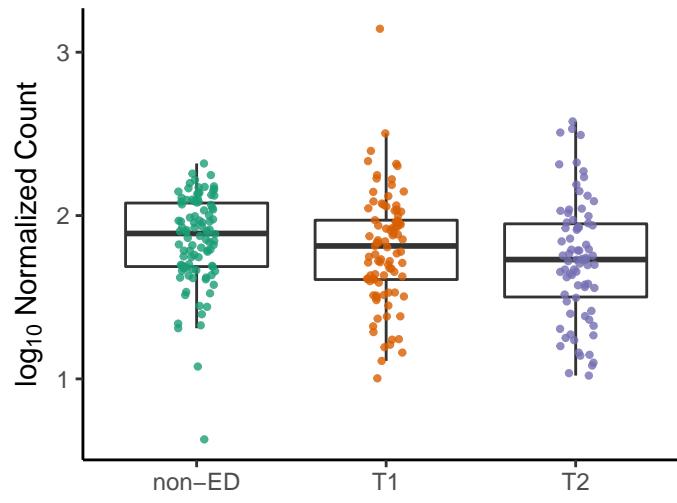
### Unclassified Acinetobacter Genus

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.88



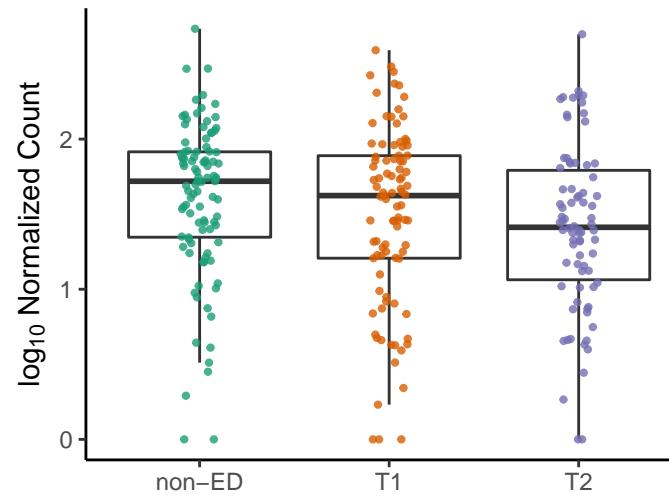
### Xenorhabdus bovienii

non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.76



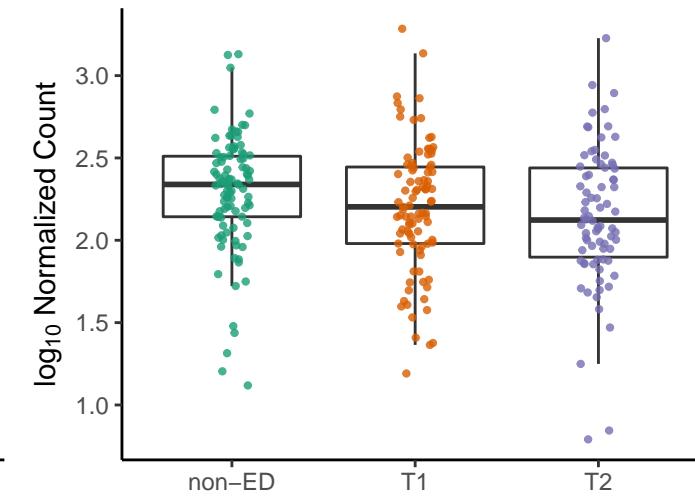
### Streptomyces sp. WAC 06738

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.66



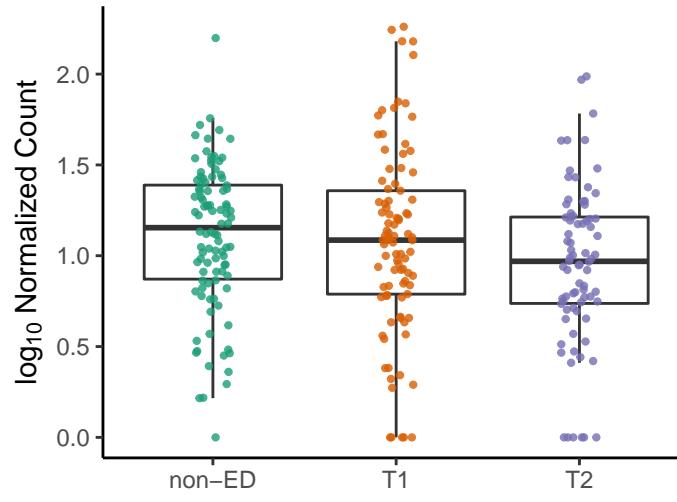
### Unclassified Treponema Genus

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.88



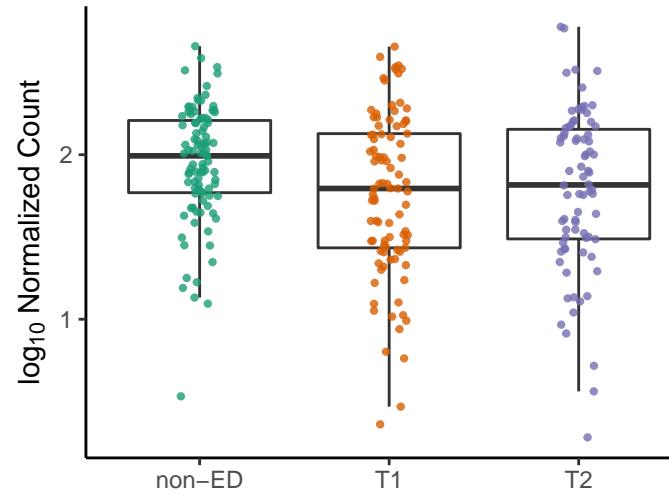
### Candidatus Paracaedibacter acantham

non-ED vs. T1 adjusted p = 0.79  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.61



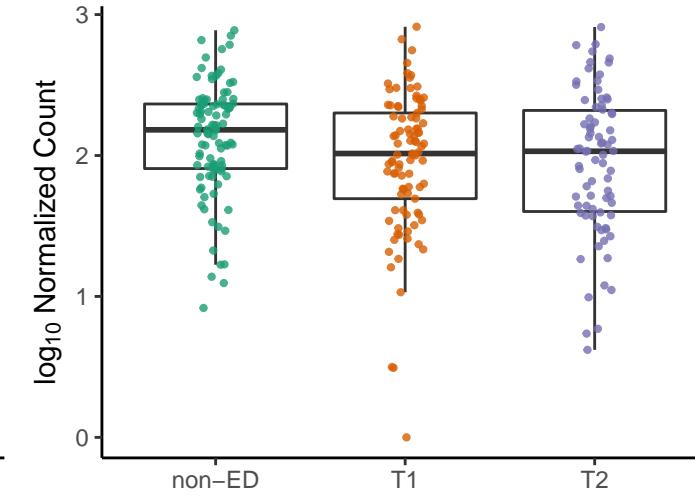
### Sphingopyxis macrogoltabida

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.79



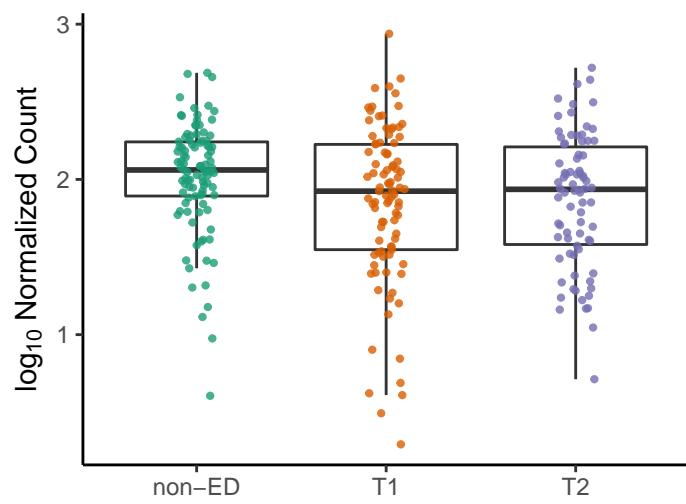
### Phreatobacter stygius

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.88



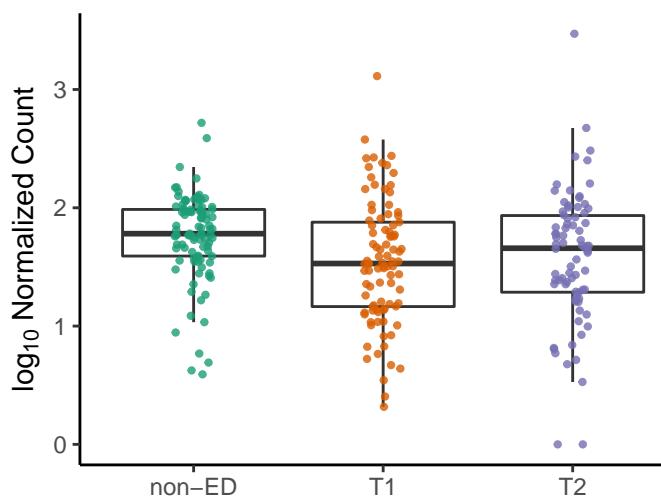
### *Thiocloclava nitratireducens*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.84



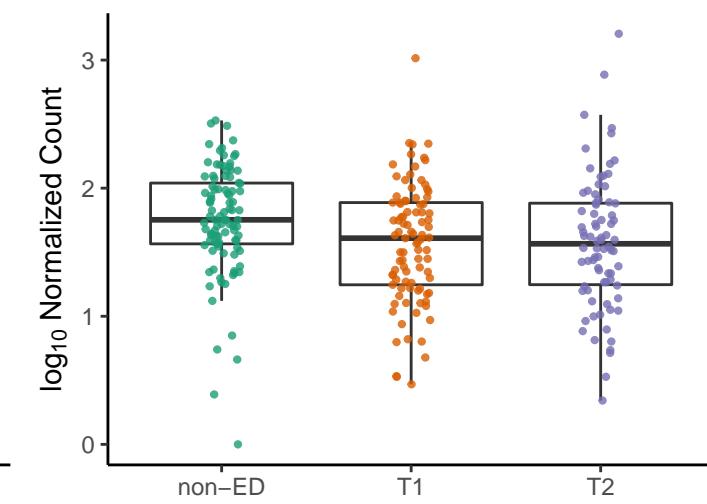
### *Moraxella bovis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



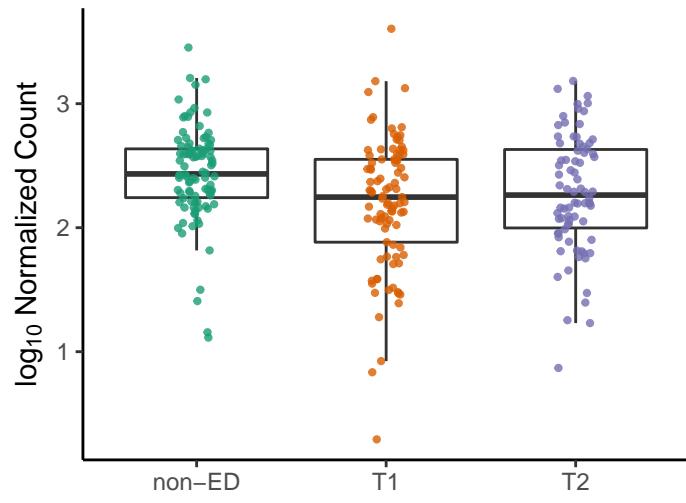
### *Leptotrichia* sp. oral taxon 498

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.93



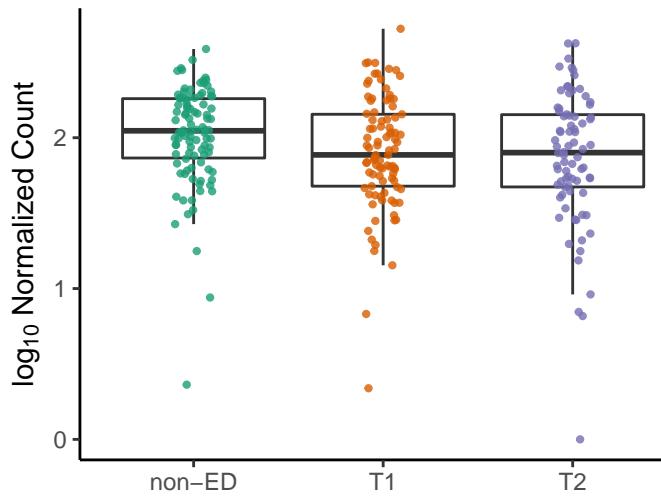
### *Actinomadura* sp. WMMB499

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.62



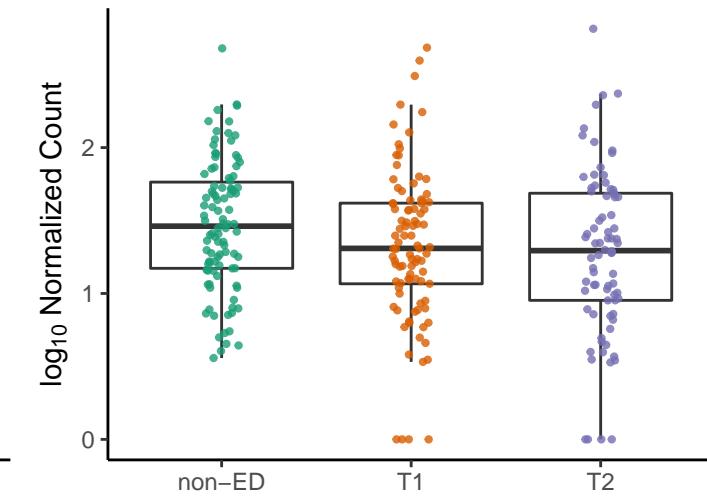
### *Bacillus cytotoxicus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.82



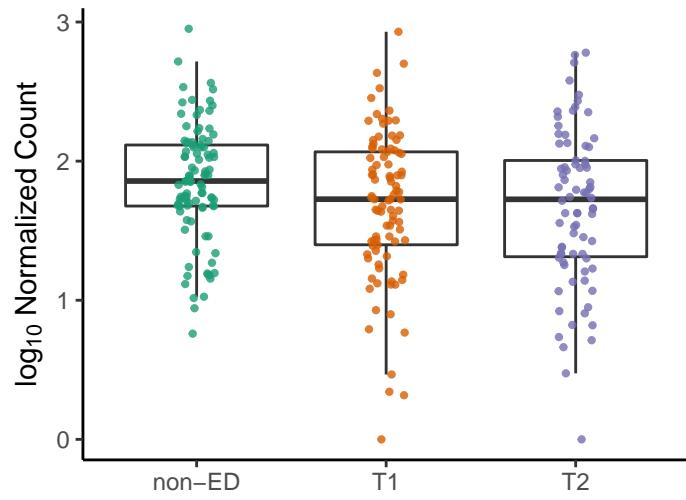
### *Candidatus Saccharibacteria bacterium* Y

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.92



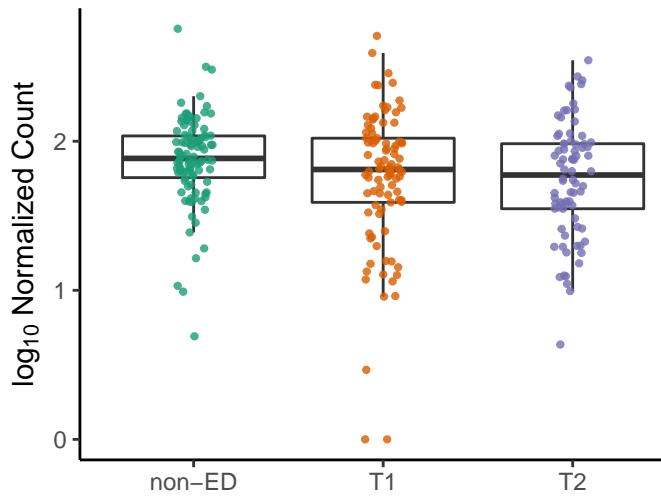
### *Janthinobacterium svalbardensis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.94



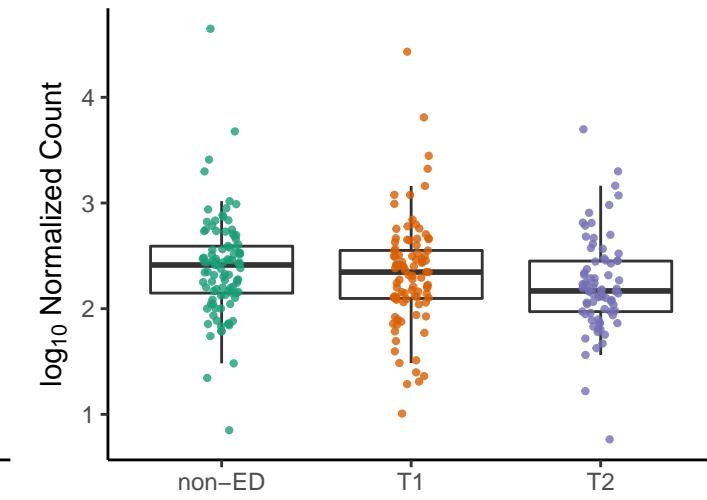
### *Microbulbifer thermotolerans*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.93



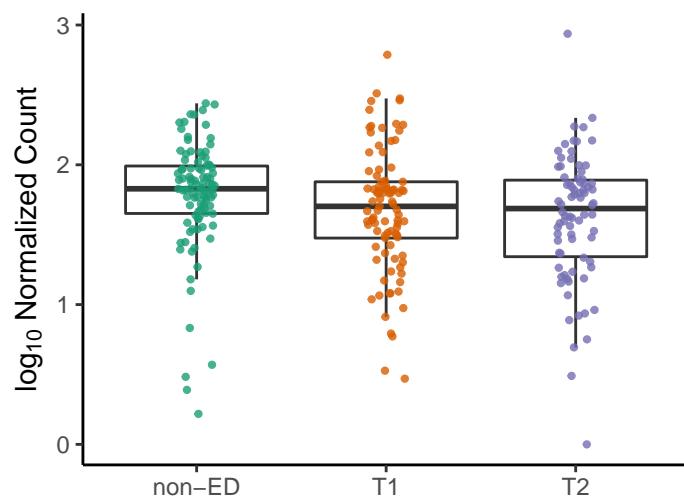
### *Porphyromonas asaccharolytica*

non-ED vs. T1 adjusted p = 0.51  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.68



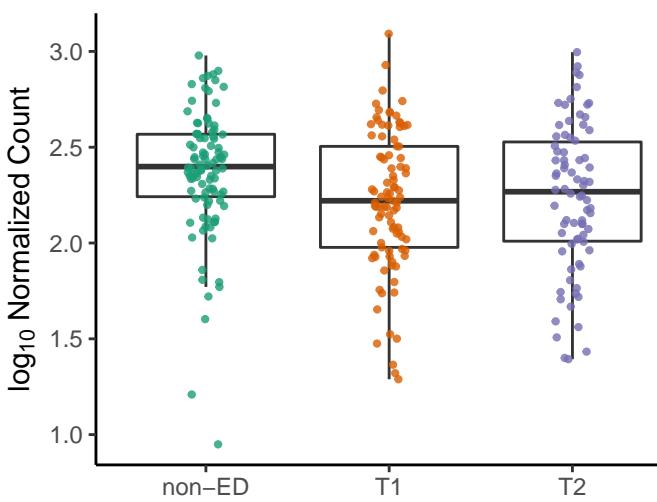
### *Staphylococcus simiae*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.82



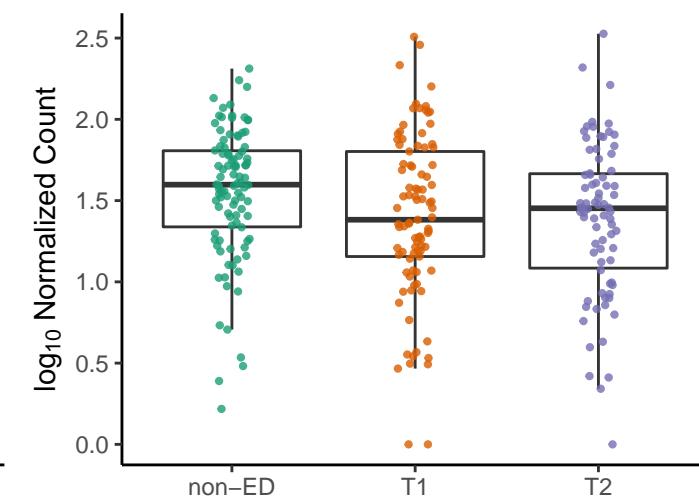
### Unclassified Edwardsiella Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.74



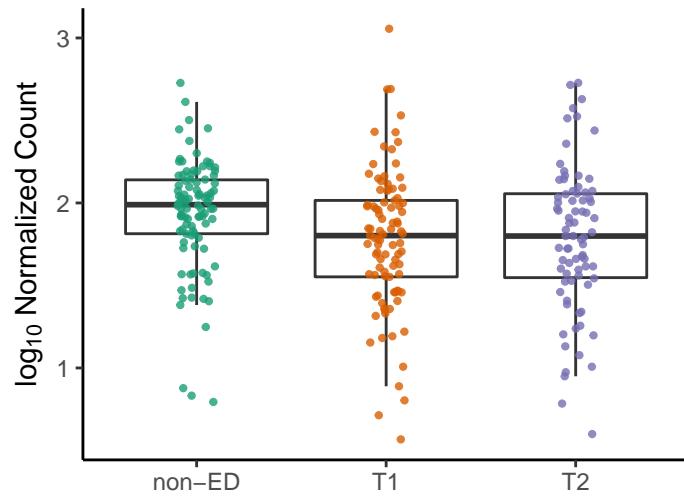
### *Nostoc piscinale*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.91



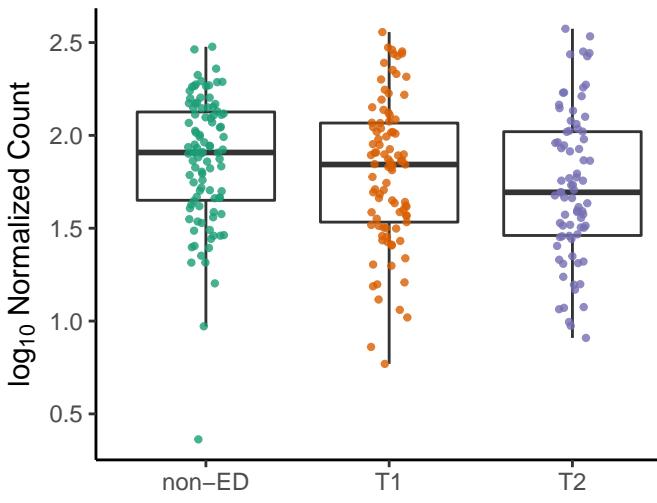
### *Anoxybacillus flavithermus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.87



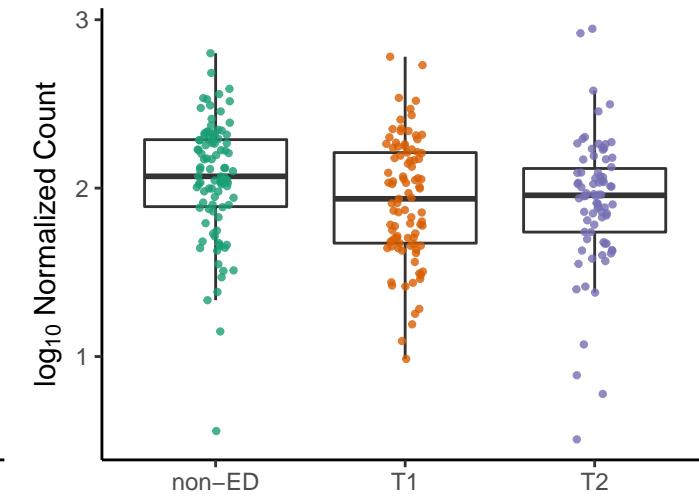
### *Staphylococcus lugdunensis*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.67



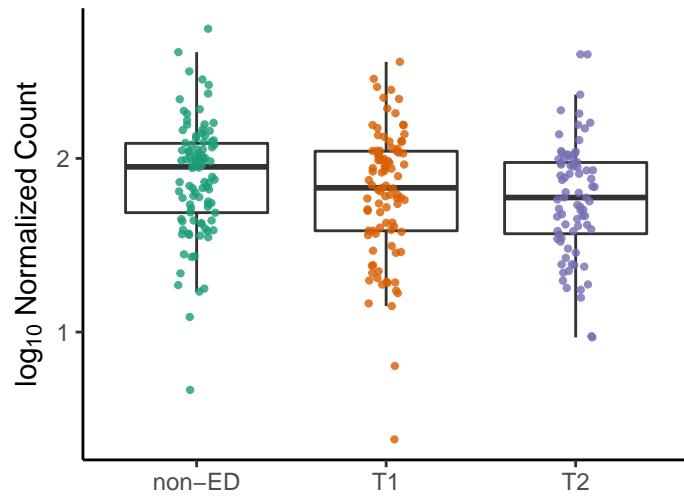
### *Jeotgalicoccus saudimassiliensis*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.96



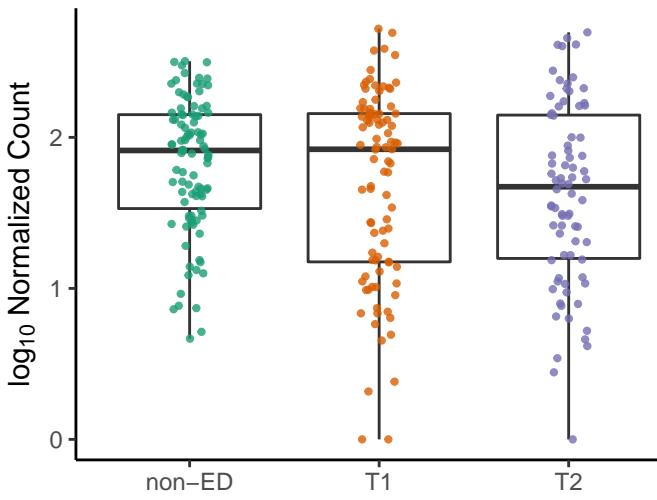
### *Rahnella aquatilis*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.98



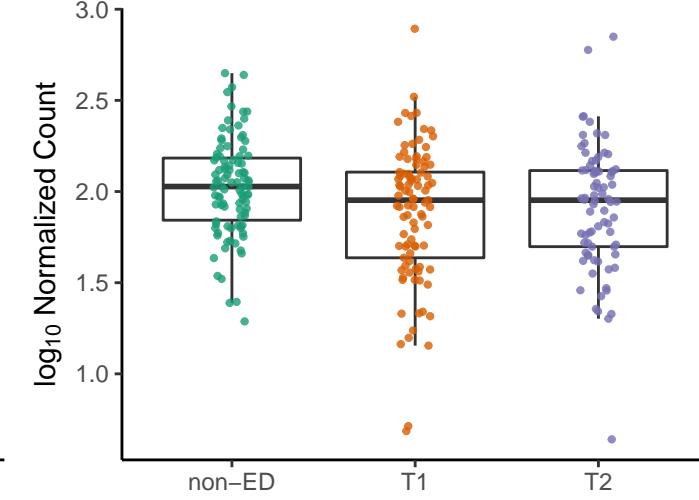
### *Deinococcus soli* Cha et al. 2016

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.96



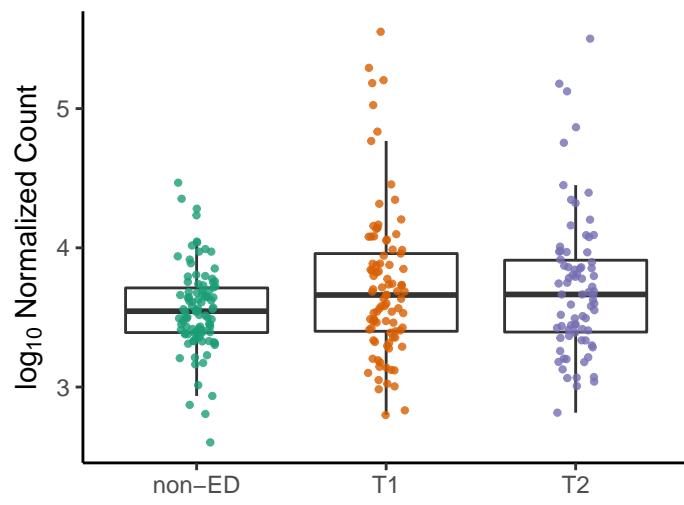
### Unclassified Corynebacteriaceae Family

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.75



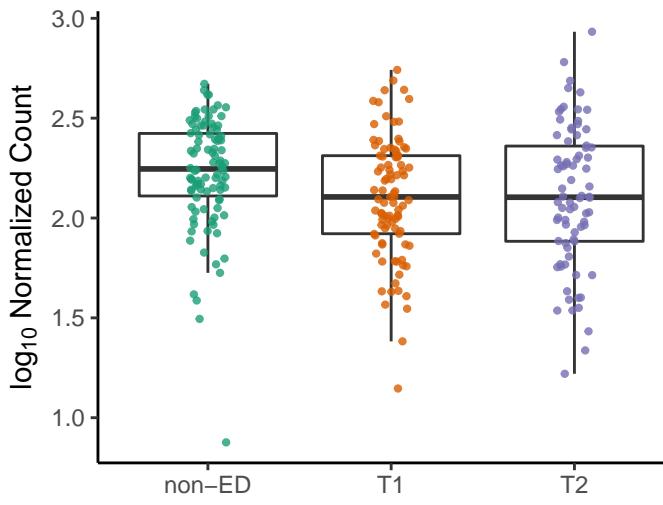
### Unclassified Eubacterium Genus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.89



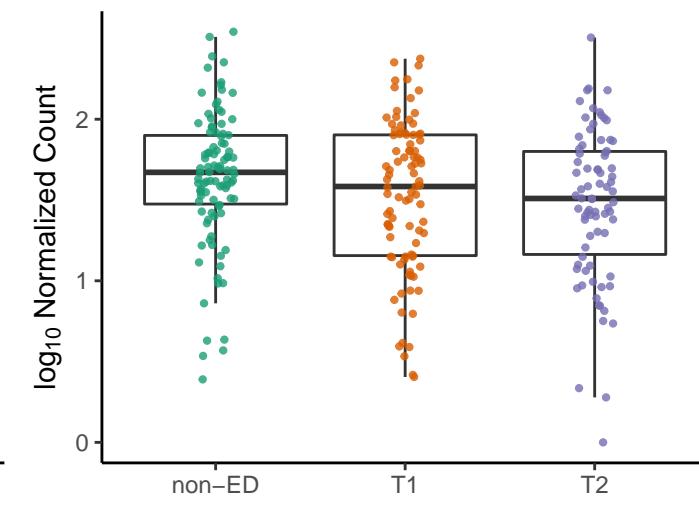
### Unclassified Sporosarcina Genus

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.97



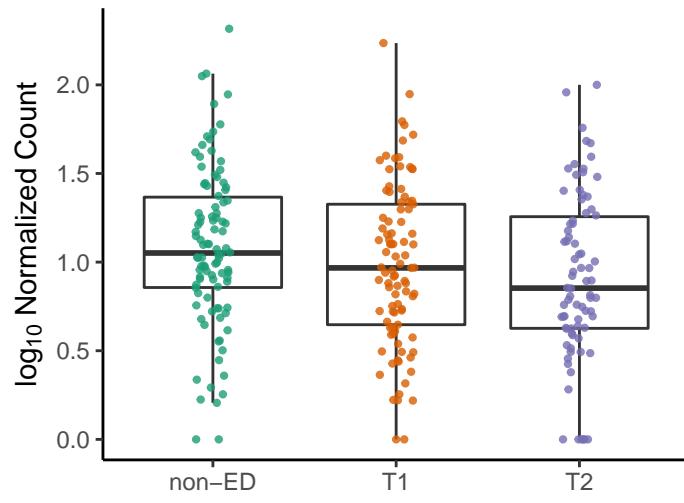
### Campylobacter cuniculorum

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.8



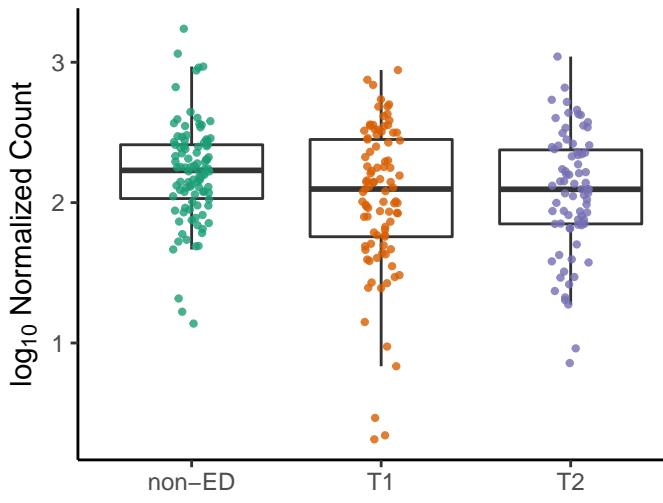
### Acinetobacter sp. WCHA55

non-ED vs. T1 adjusted p = 0.23  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.7



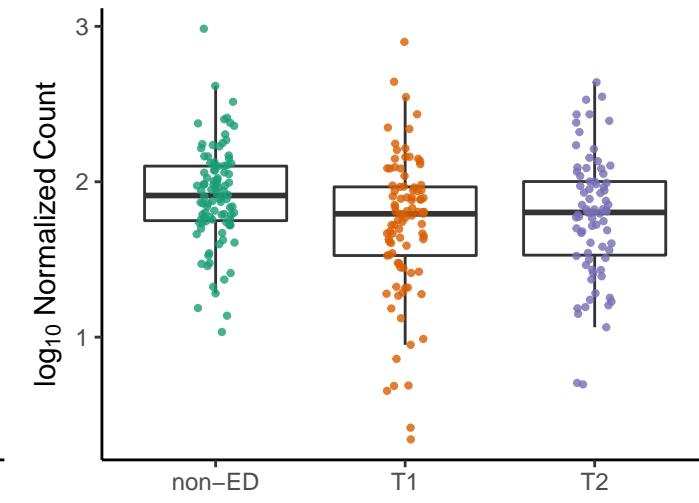
### Stenotrophomonas acidaminiphila

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.76



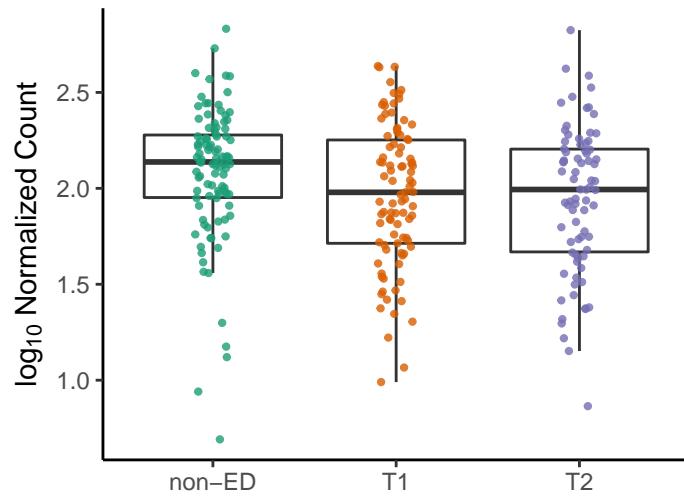
### Glutamicibacter halophytocola

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.61



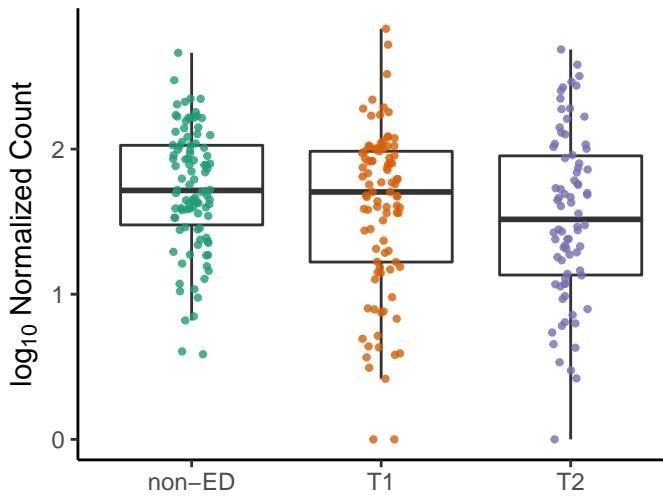
### Ilyobacter polytropus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.94



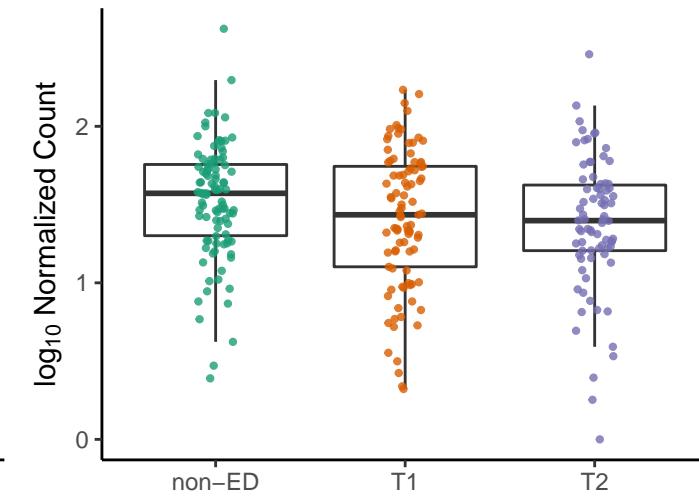
### Streptomyces albidoflavus

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.89



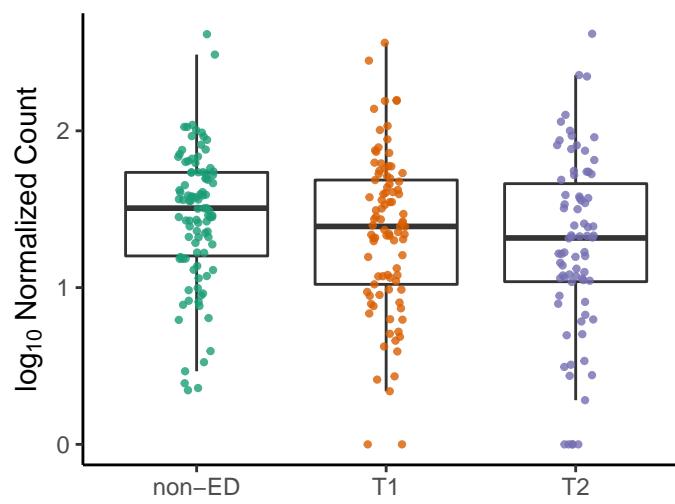
### Eremothecium sinecaudum

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.85



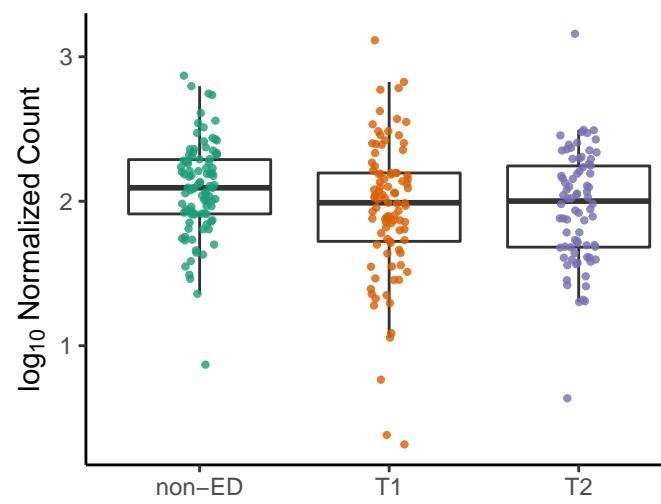
### Lysobacter sp. HDW10

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.68



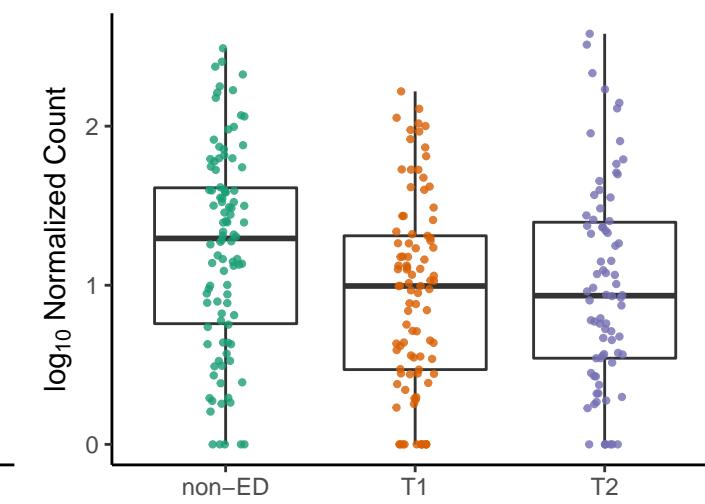
### Unclassified Brucella Genus

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.77



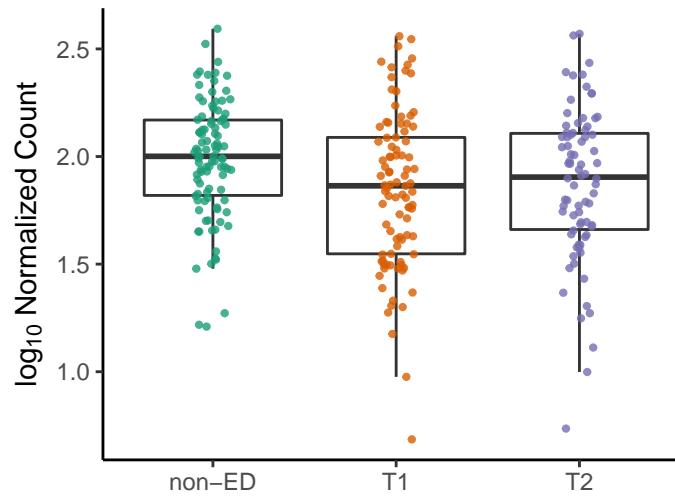
### Unclassified Methyloceanibacter Genus

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.85



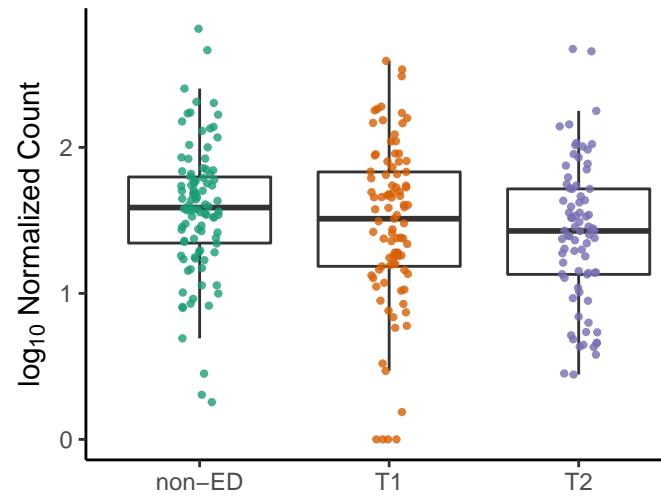
### Desulfotalea psychrophila

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.77



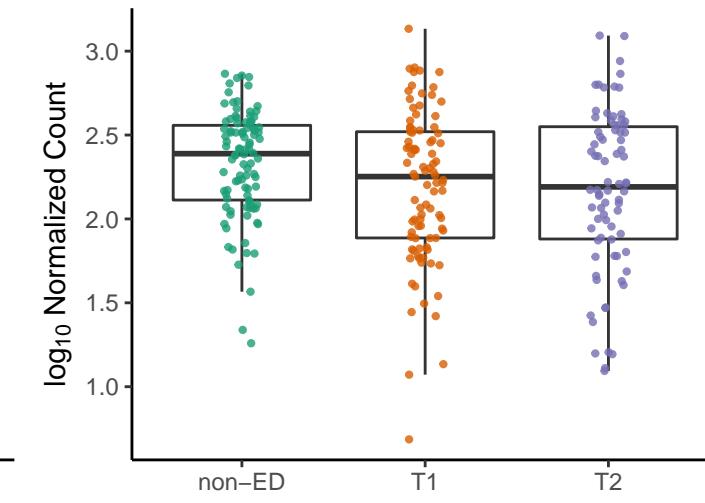
### Altererythrobacter sp. TH136

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.9



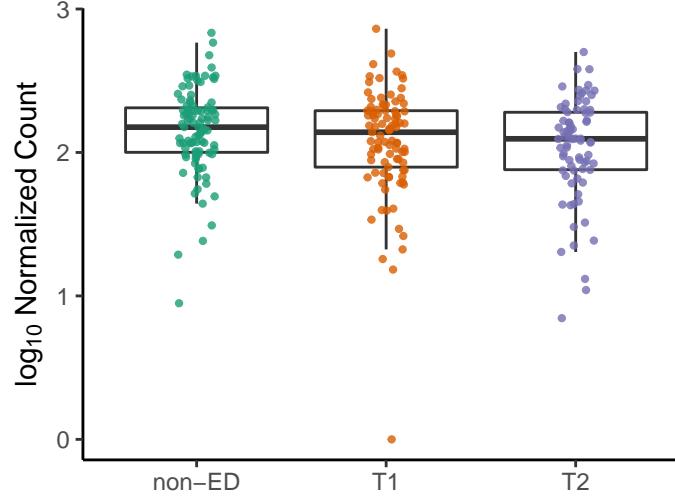
### Actinoplanes derwentensis

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.89



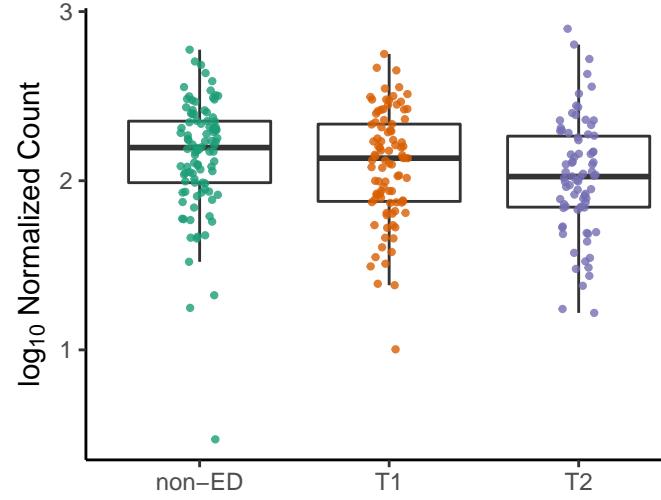
### Chitinophaga sp. H33E-04

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.78



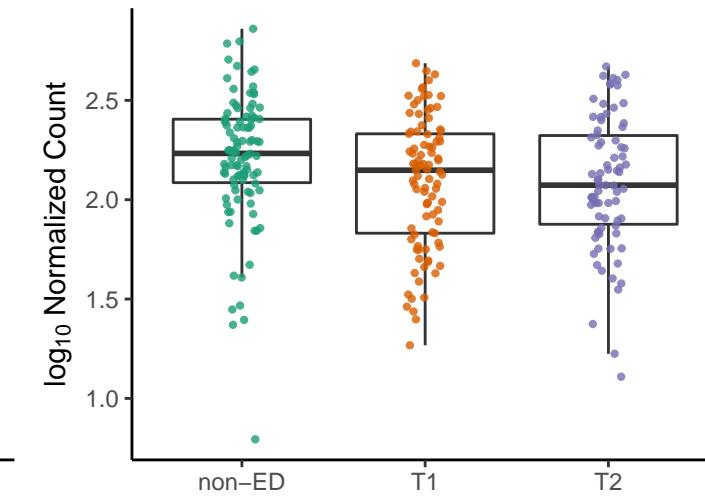
### Vibrio parahaemolyticus

non-ED vs. T1 adjusted p = 0.34  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.7



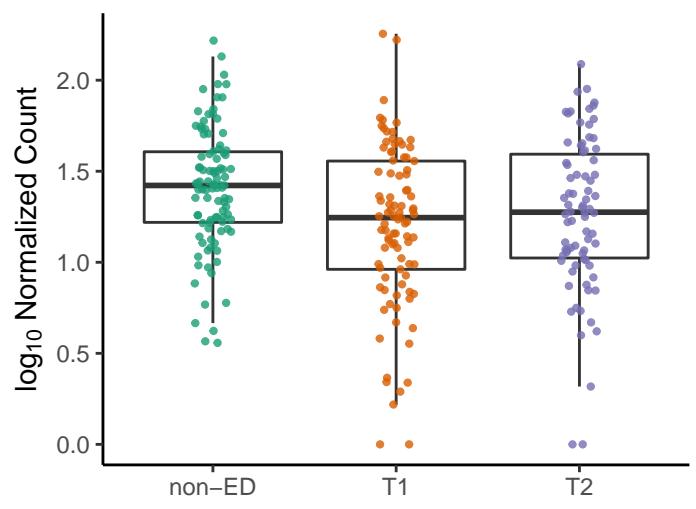
### Bacillus filamentosus

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.98



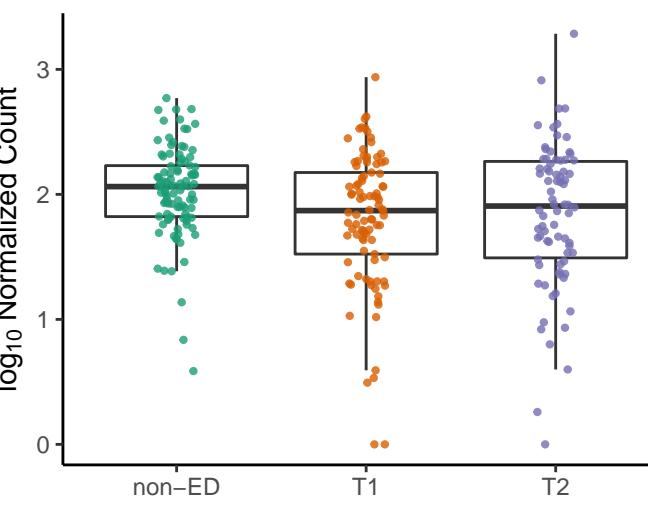
### Methylovorus sp. MP688

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.77



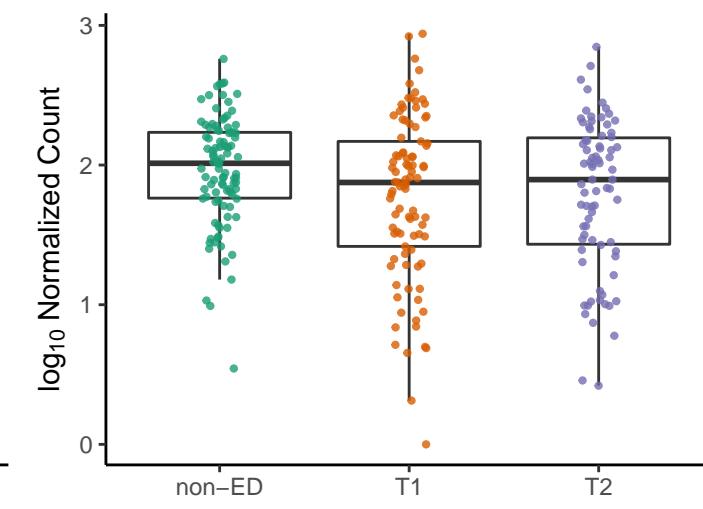
### Microbacterium sediminis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.79



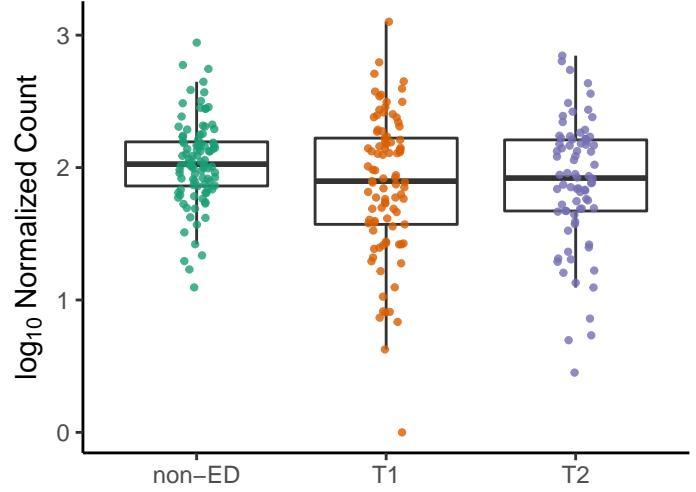
### Saccharomonospora cyanea

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.82



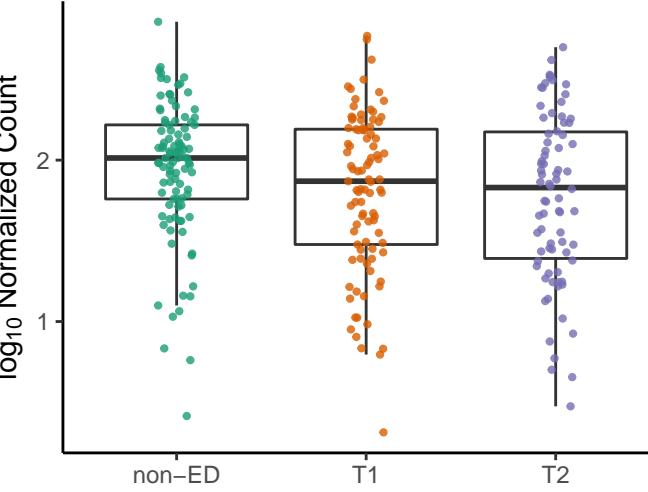
### Salinisphaera sp. LB1

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.76



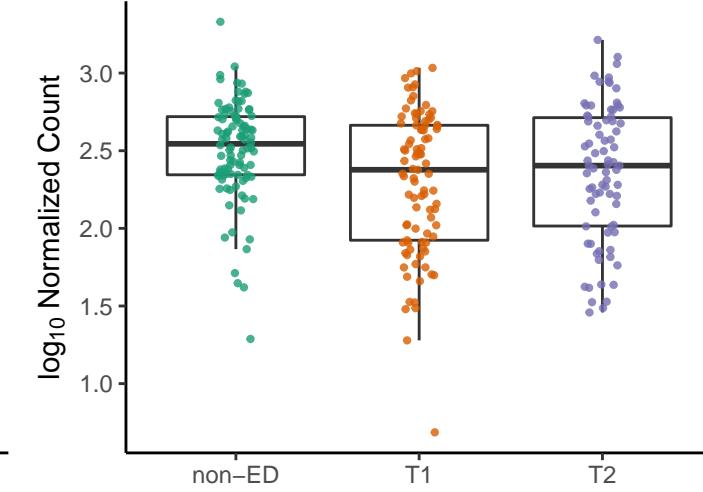
### Streptomyces sp. WAC 01438

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.92



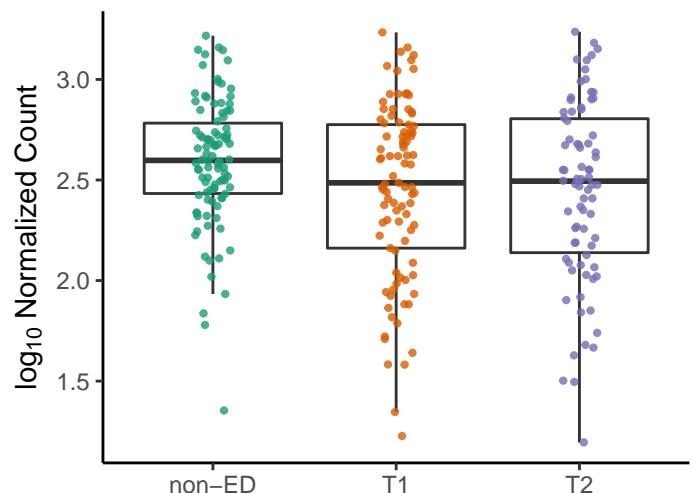
### Nocardia terpenica

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.66



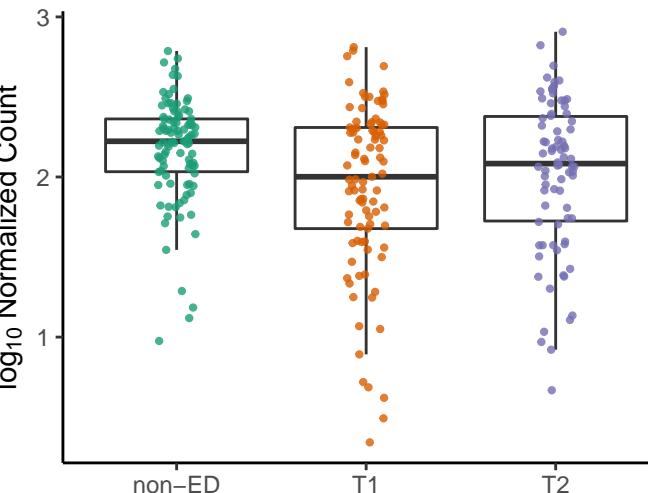
### Unclassified Sphingobium Genus

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.89



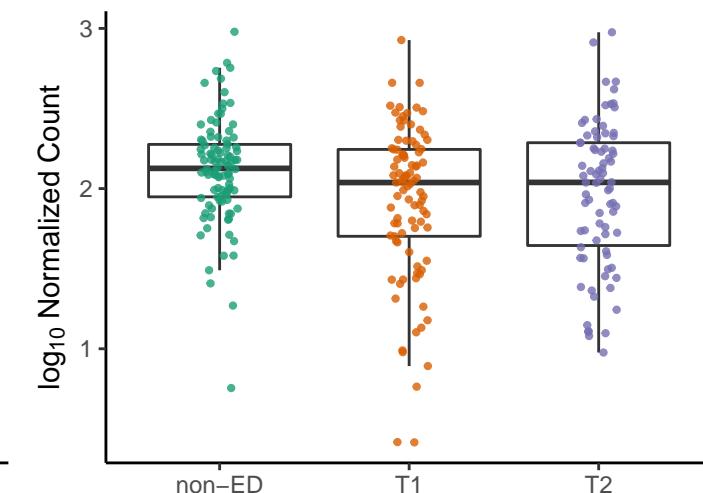
### Laribacter hongkongensis

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.67



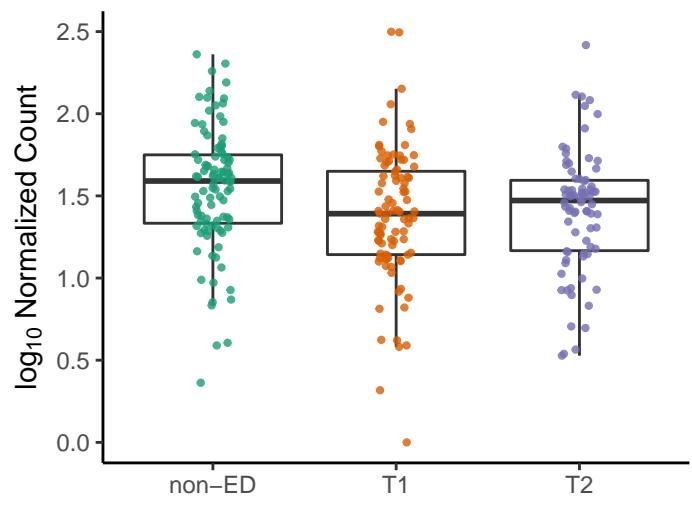
### Brevirhabdus pacifica

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.69



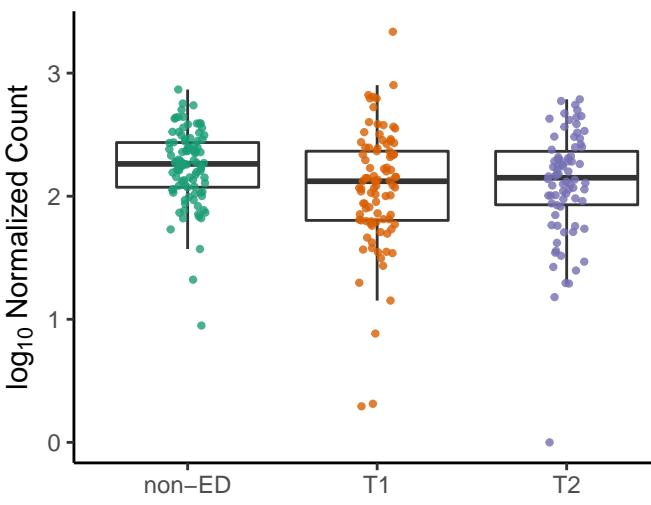
### *Acinetobacter lwoffii*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.98



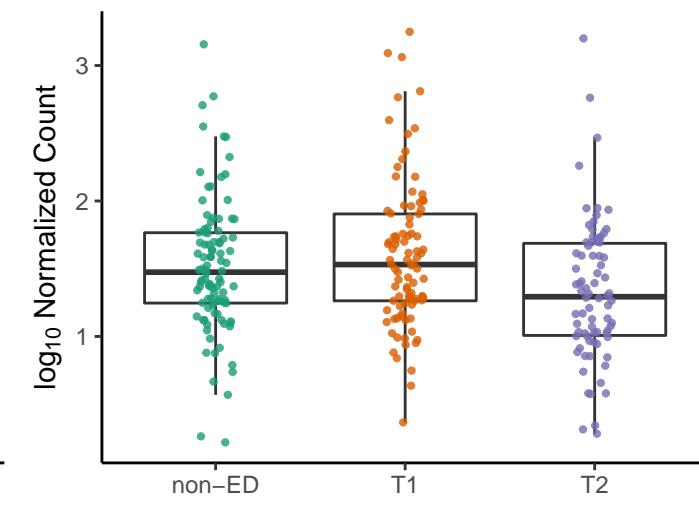
### *Thiocystis violascens*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.75



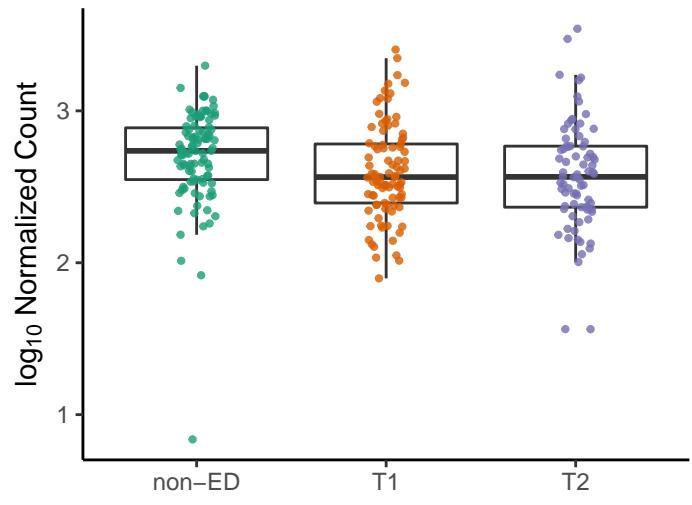
### *Enterobacter cloacae complex sp.*

non-ED vs. T1 adjusted p = 0.39  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.017



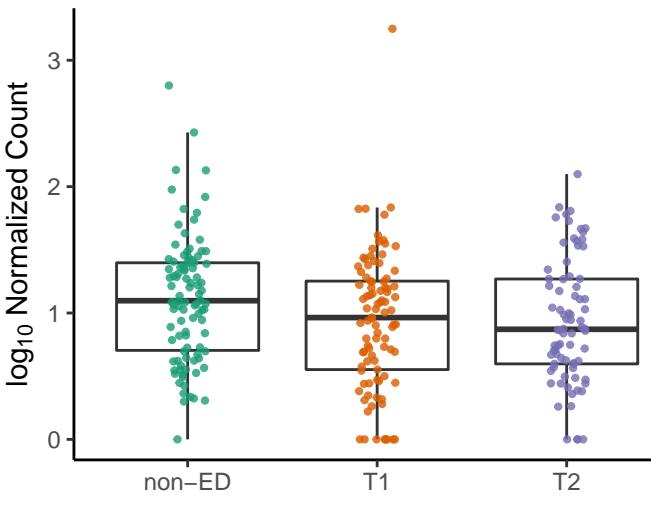
### *Ruminiclostridium cellulolyticum*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.88



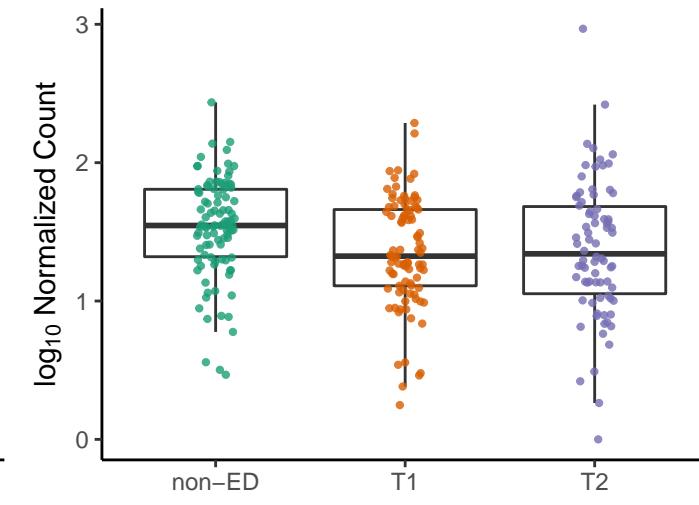
### *Corynebacterium sp. ATCC 6931*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.89



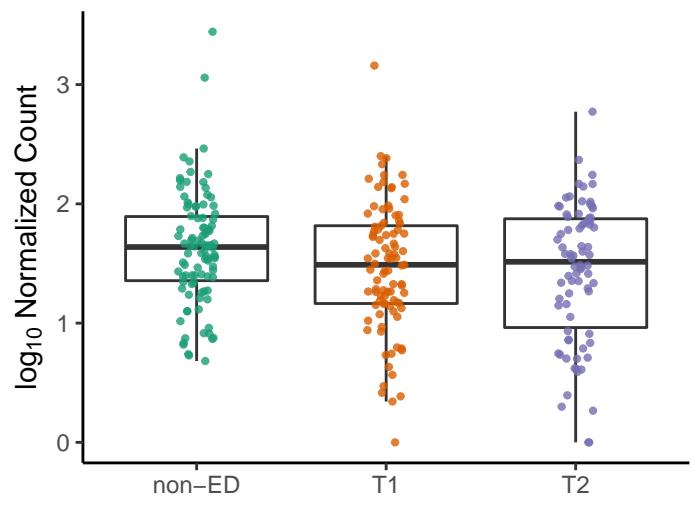
### *Pasteurella dagmatis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.91



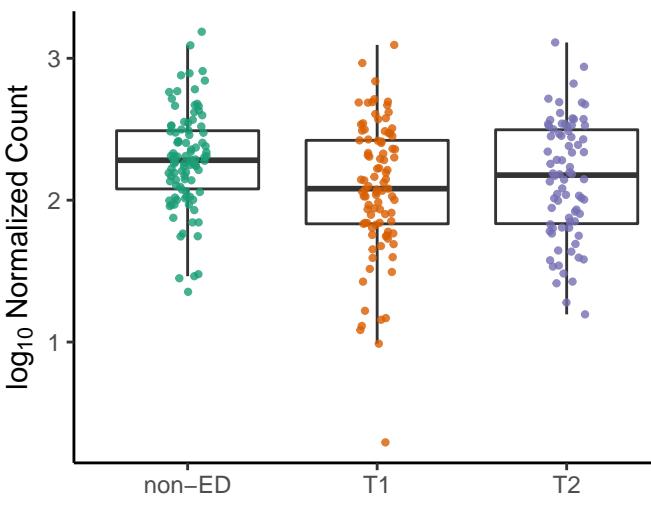
### *Pseudomonas arsenicoxydans*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.98



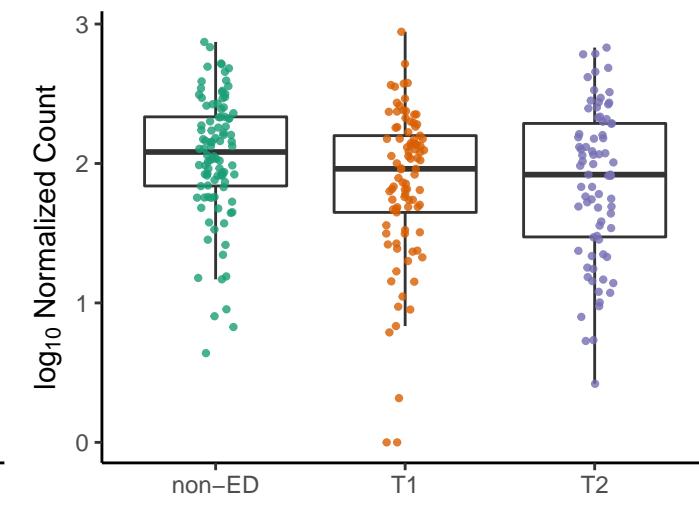
### *Ruania sp. HY168*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.63



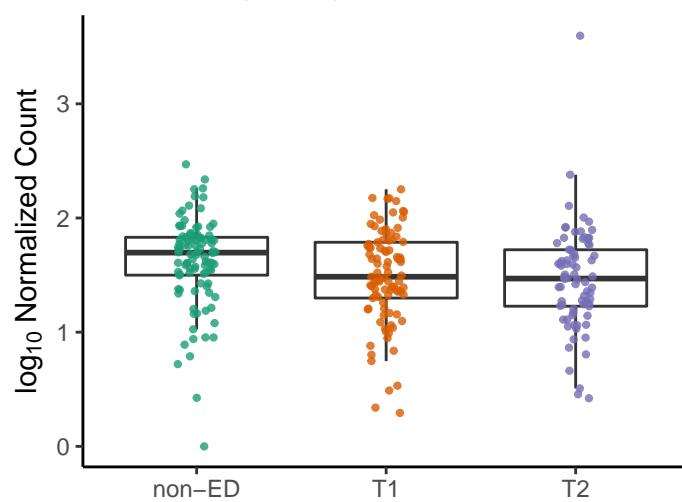
### *Isoptericola variabilis*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.79



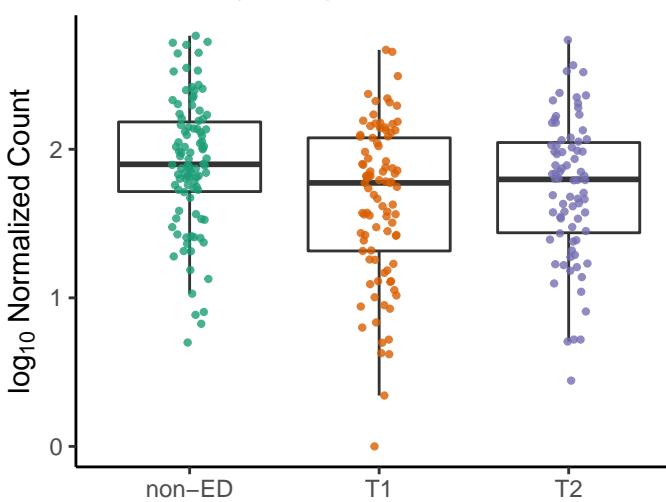
### Oceanospirillales bacterium S2-4-1H

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.82



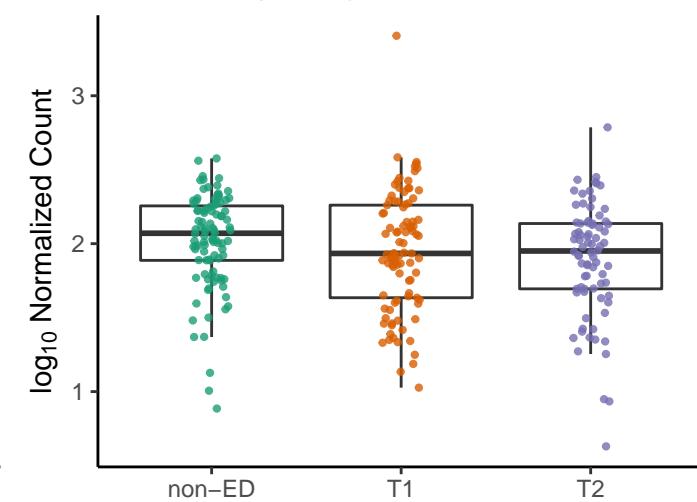
### Unclassified Cryobacterium Genus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.63



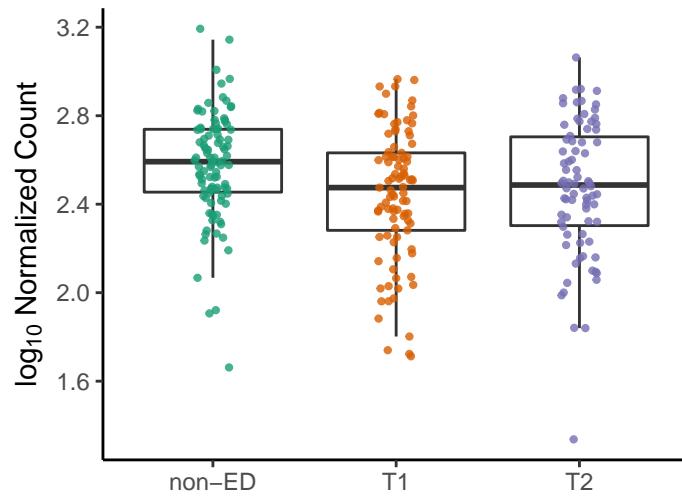
### Eikenella corrodens

non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.78



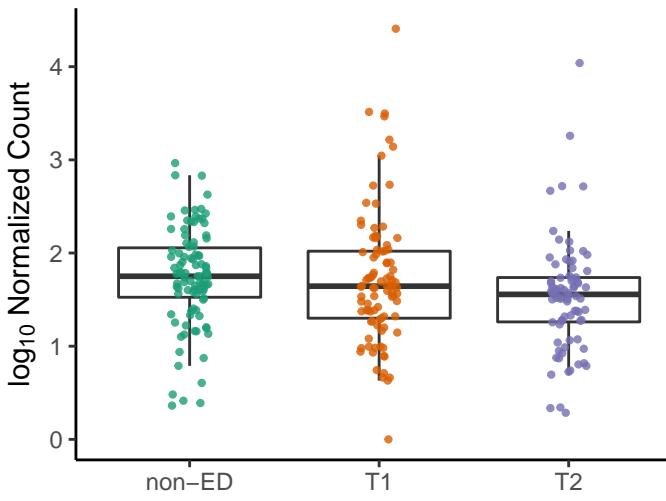
### Paenibacillus sp. JDR-2

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



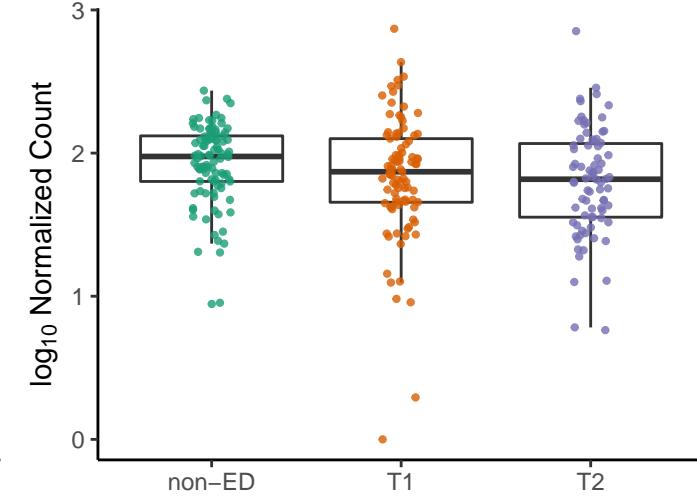
### Methanobrevibacter millerae

non-ED vs. T1 adjusted p = 0.87  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.66



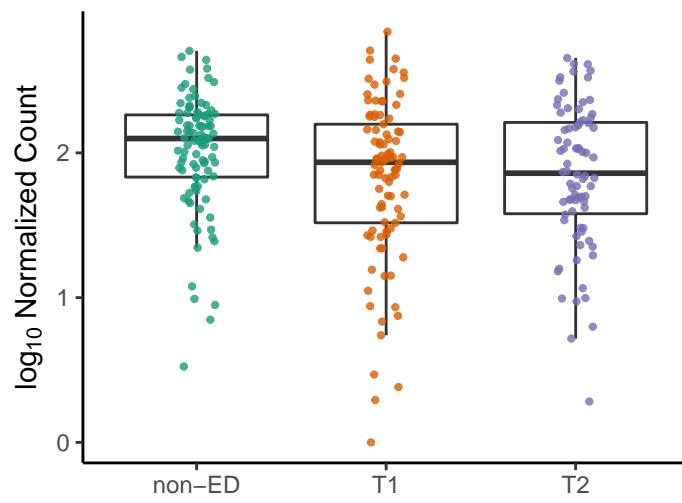
### Flaviflexus sp. H23T48

non-ED vs. T1 adjusted p = 0.2  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.79



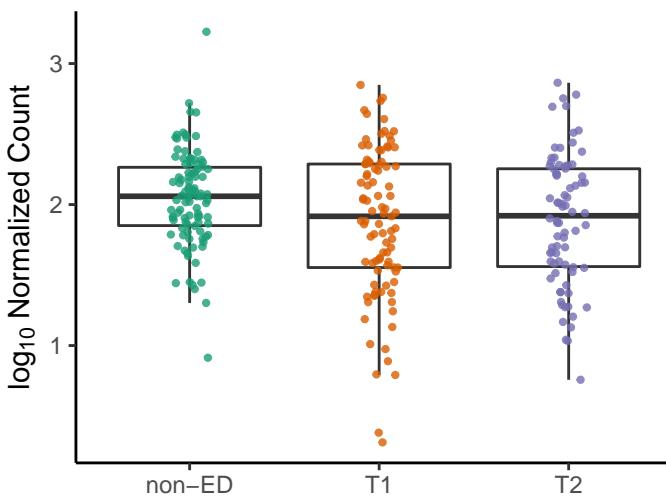
### Unclassified Magnetospirillum Genus

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.76



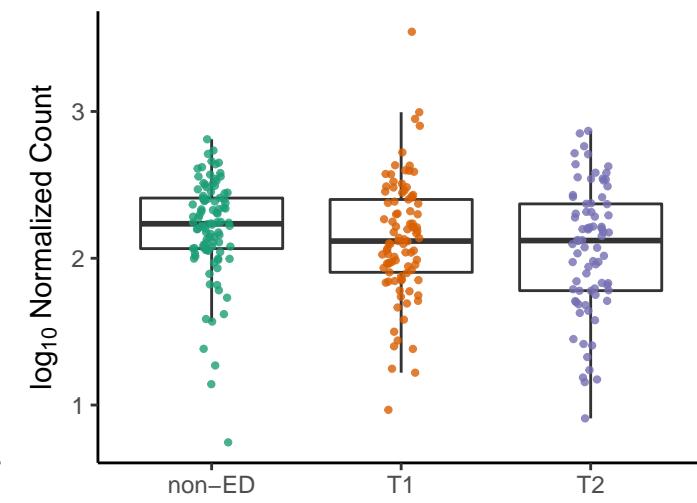
### Yangia pacifica

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.76



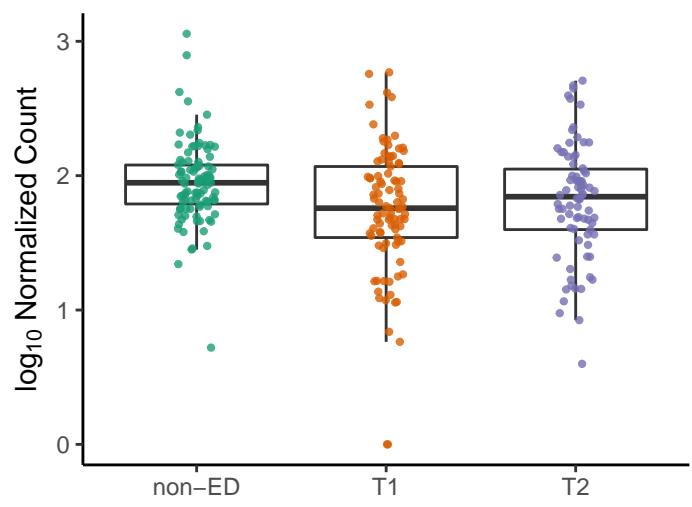
### Erysipelothrix rhusiopathiae

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.73



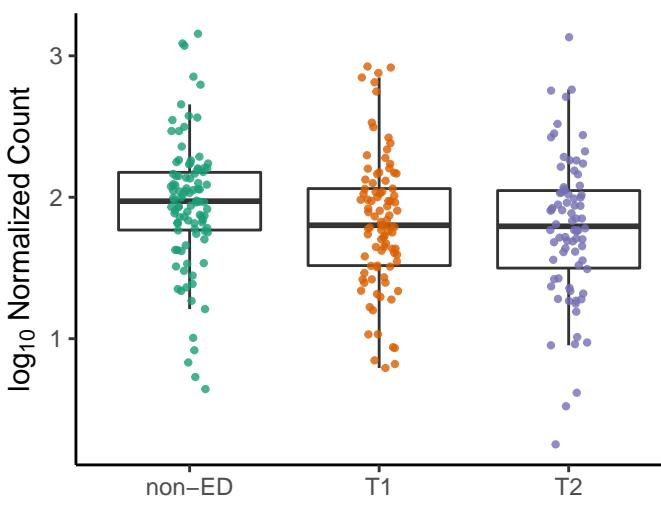
### *Alcanivorax dieselolei*

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.63



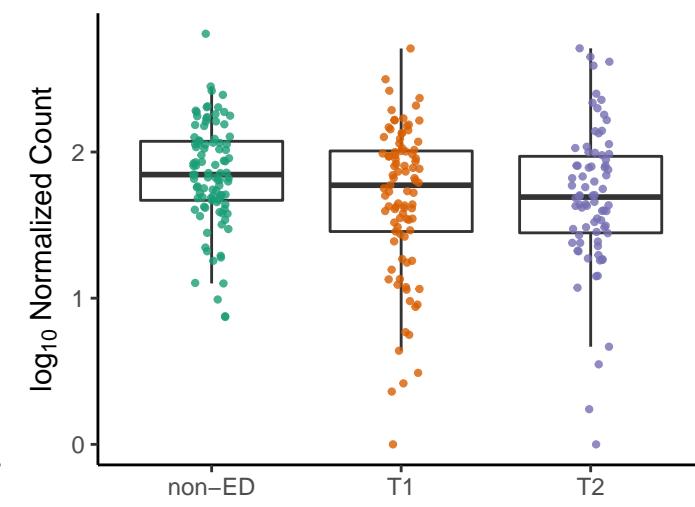
### *Chryseobacterium haifense*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.91



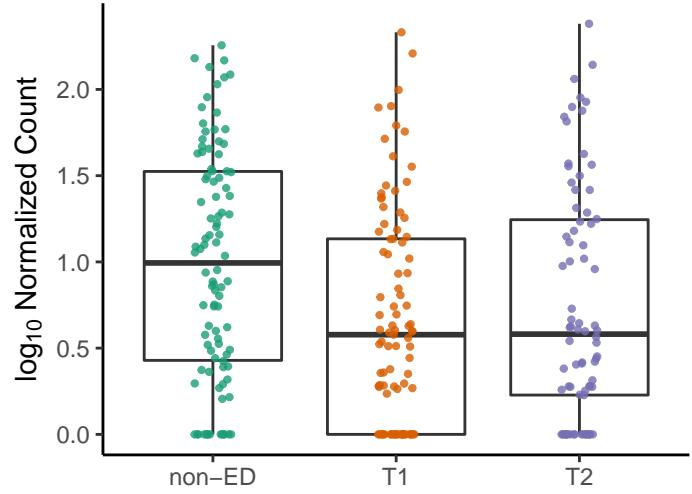
### Unclassified *Ochrobactrum* Genus

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.93



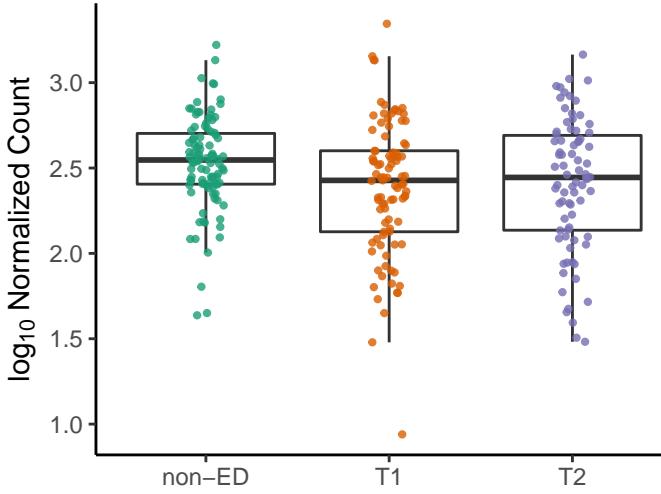
### *Streptomyces* sp. SM17

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.75



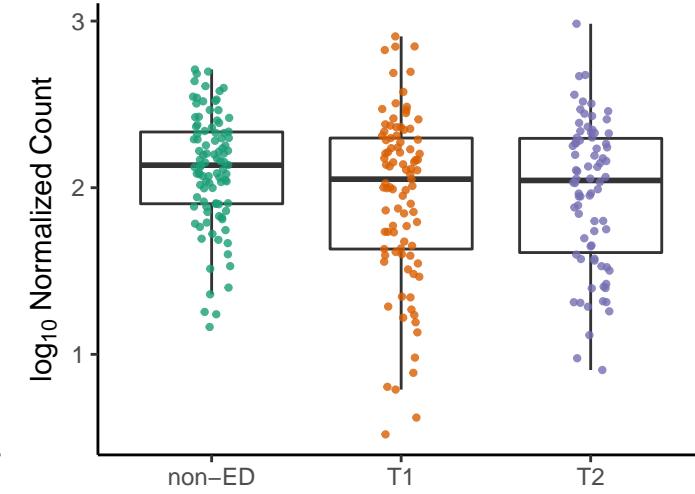
### *Aeromonas veronii*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.73



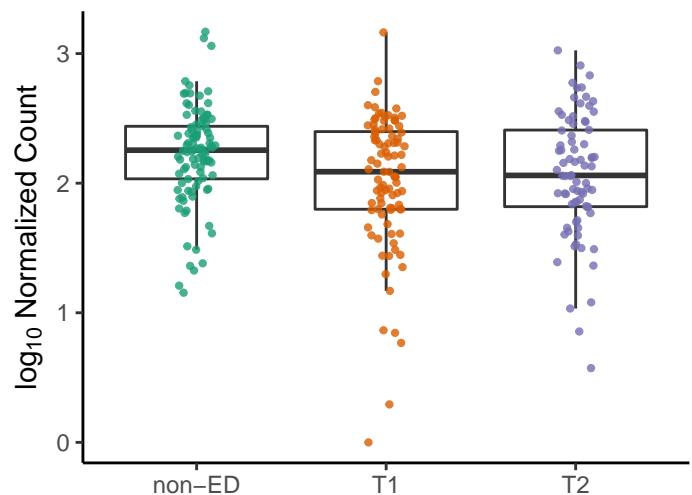
### *Defluviimonas alba*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.89



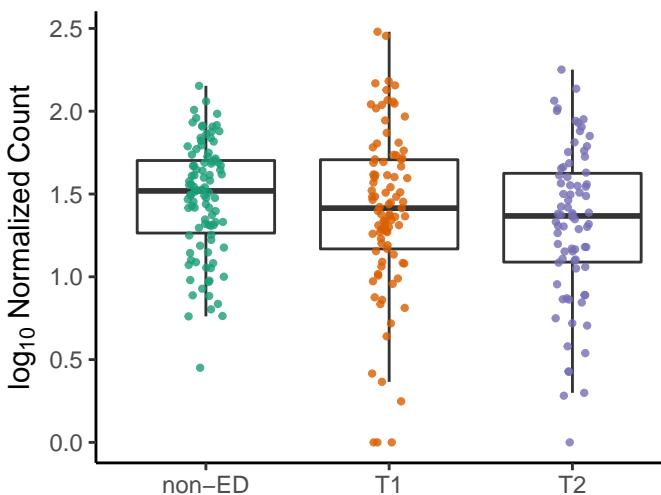
### *Haloactinobacterium* sp. HY164

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.75



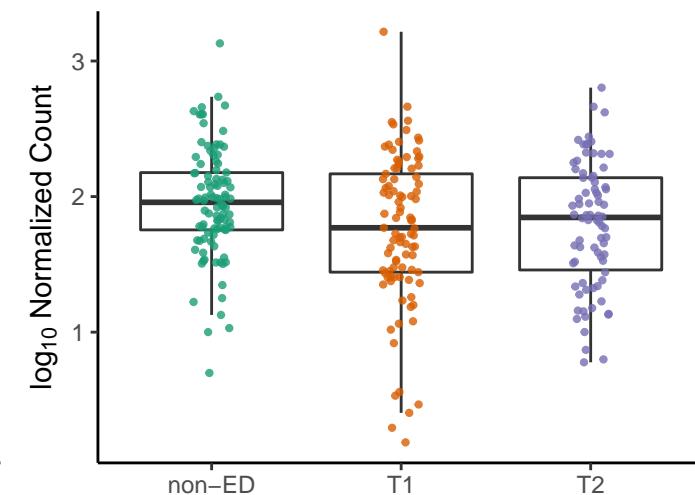
### *Halodesulfurarchaeum formicicum*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.74



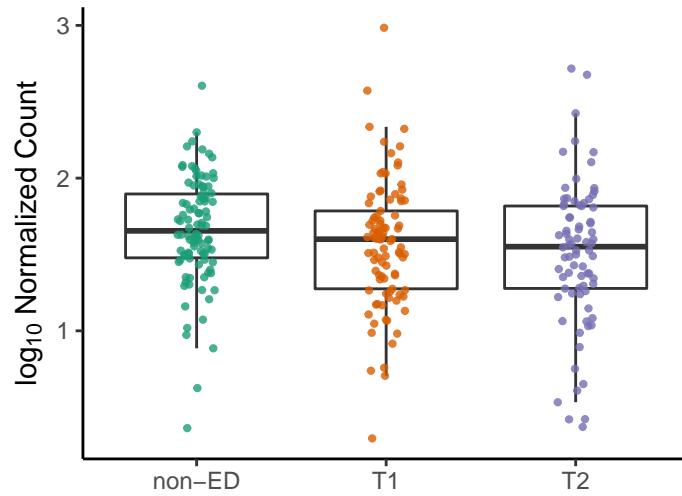
### *Segniliparus rotundus*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.74



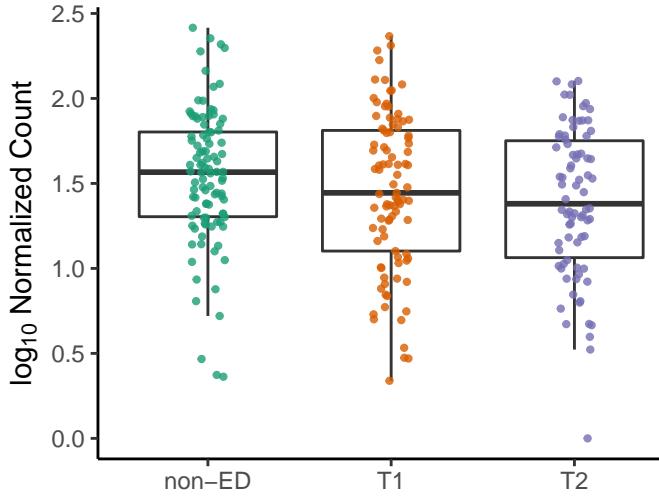
### *Lactobacillus futsaii*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.78



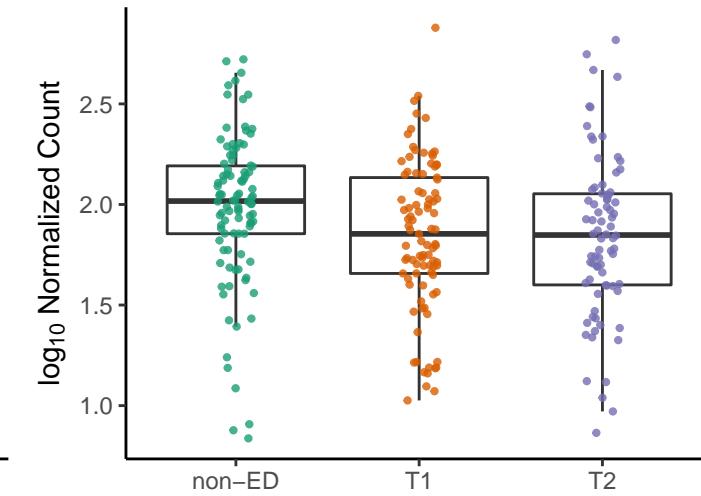
### *Arcobacter trophiarum*

non-ED vs. T1 adjusted p = 0.27  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.7



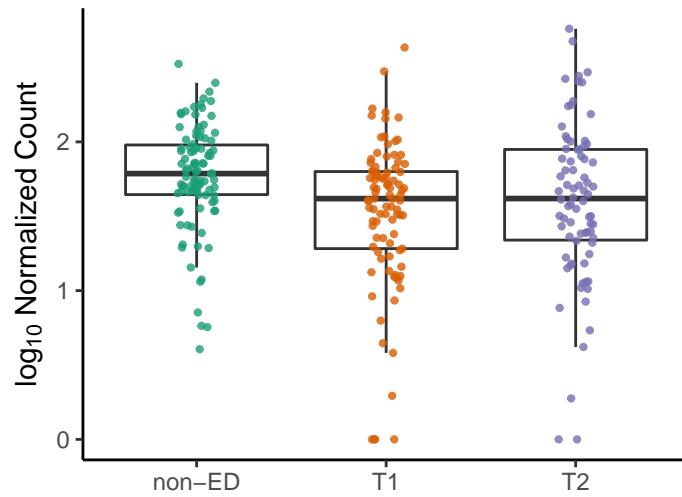
### *Kurthia zopfii*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.95



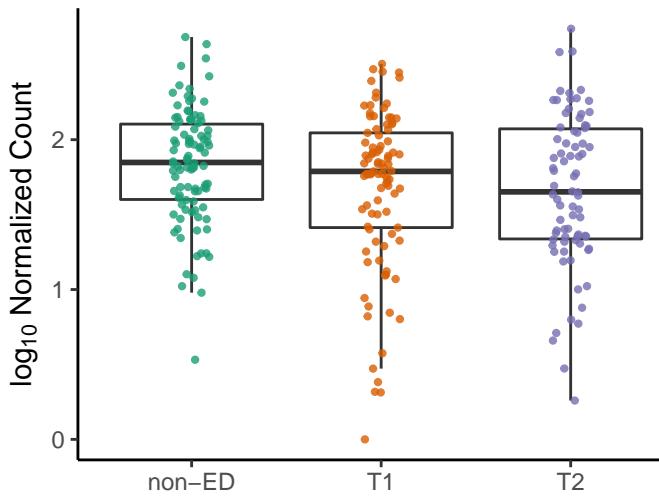
### *Mycobacterium haemophilum*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.67



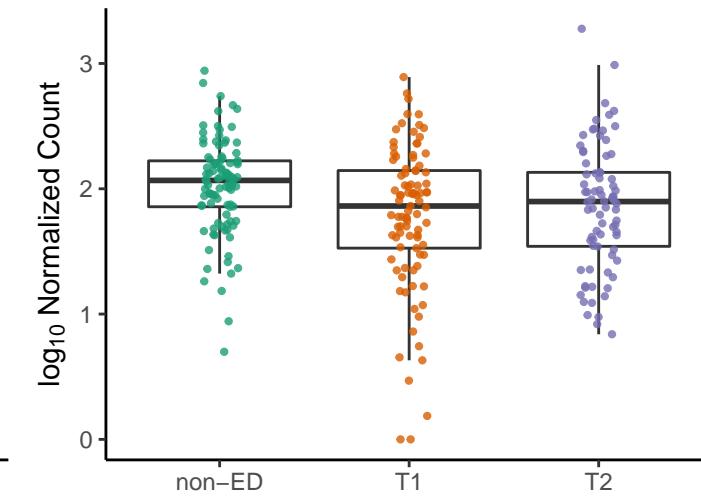
### *Mycolicibacterium rutilum*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.97



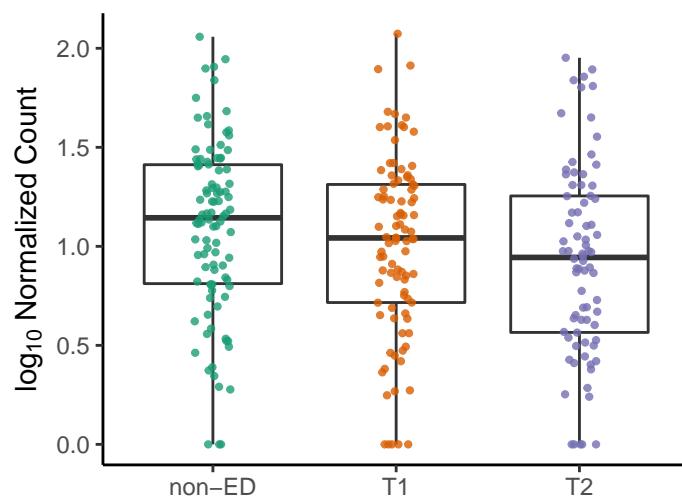
### *Streptomyces viridosporus*

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.59



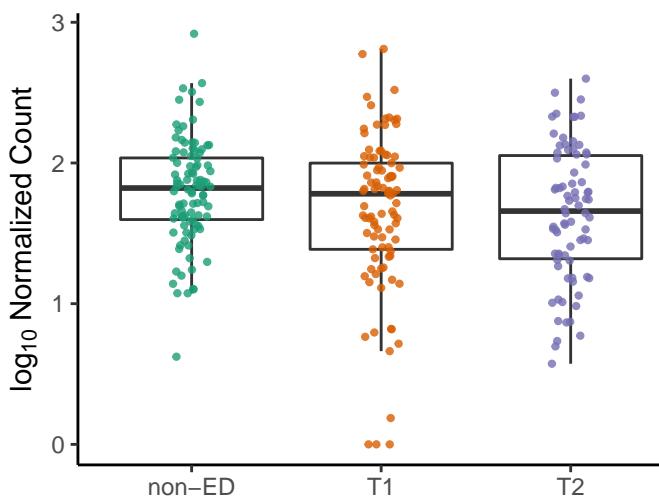
### *Acinetobacter oleivorans*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.62



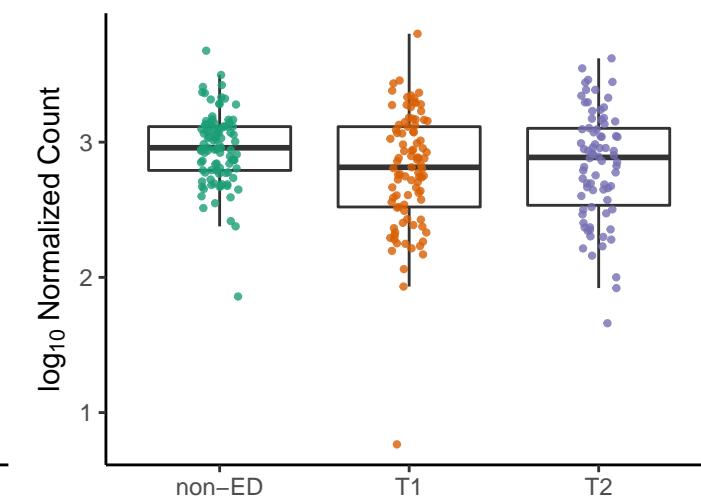
### *Phenylbacterium sp. HYN0004*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.89



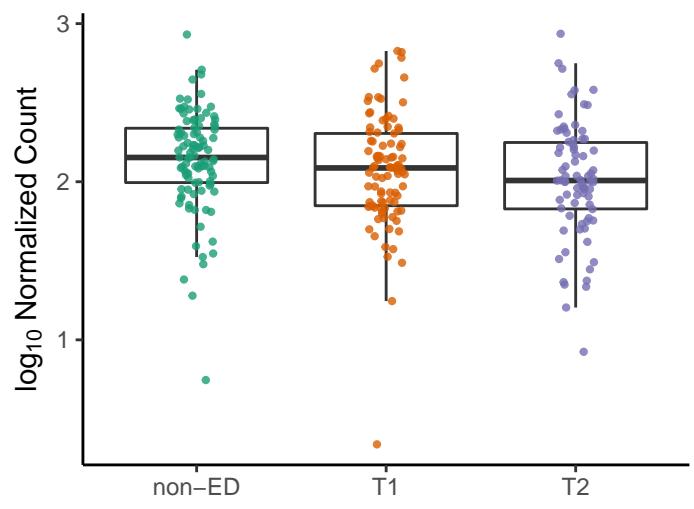
### *Streptomyces venezuelae*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.72



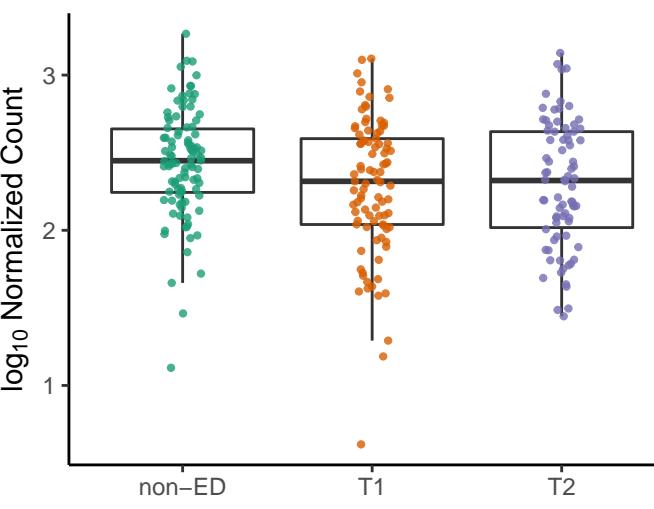
### *Jeotgalibaca* sp. H21T32

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.67



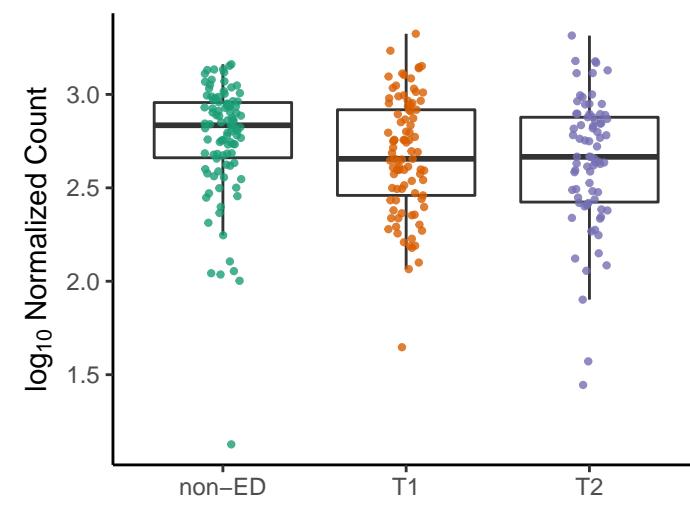
### *Opitutaceae* bacterium TAV5

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.89



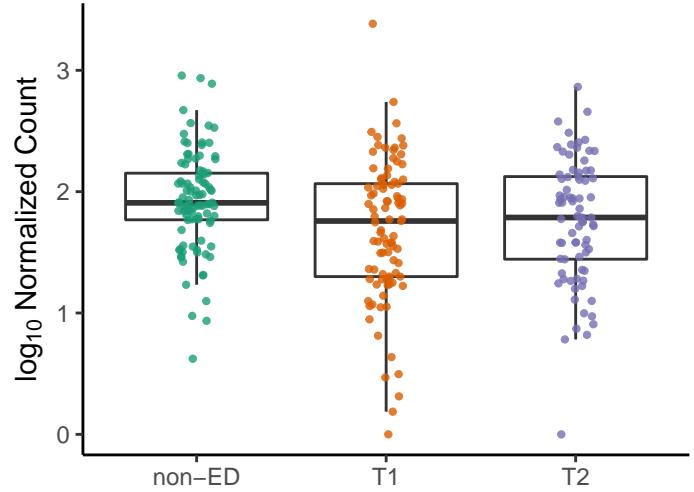
### *Hungateiclostridium clariflavum*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.89



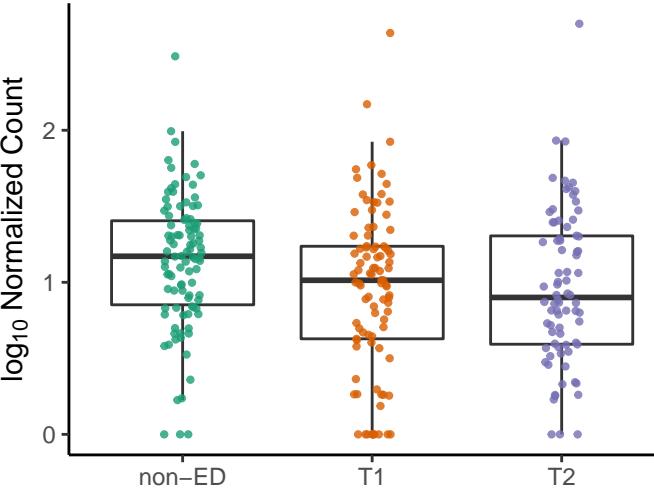
### *Microbacterium wangchenii*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.56



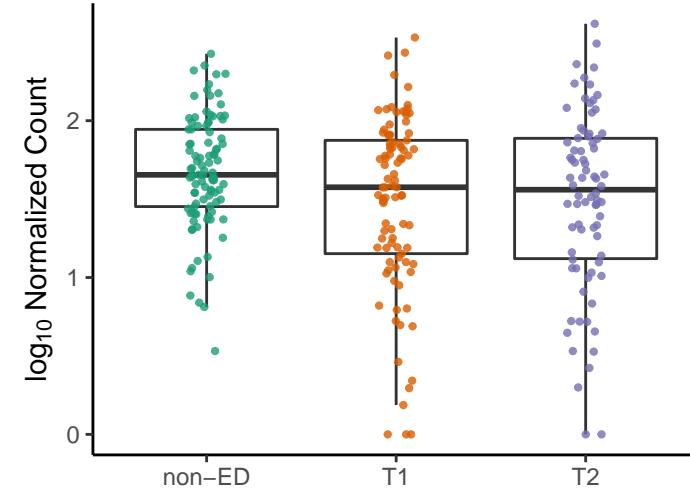
### *Candidatus Nitrosocosmicus exaquare*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.9



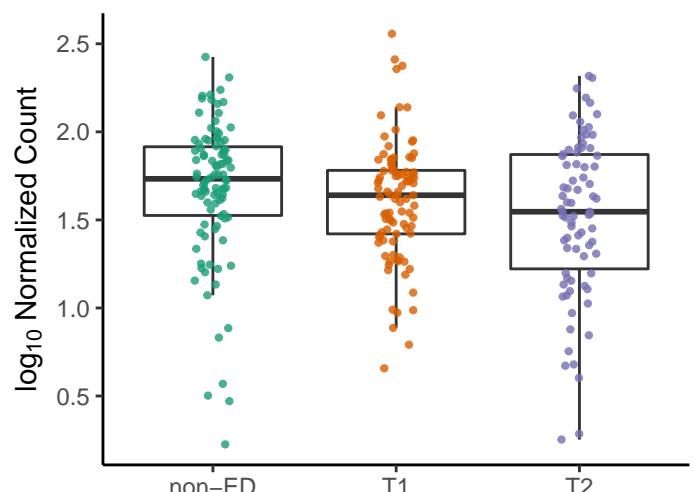
### *Halobiforma lacisalsi*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.8



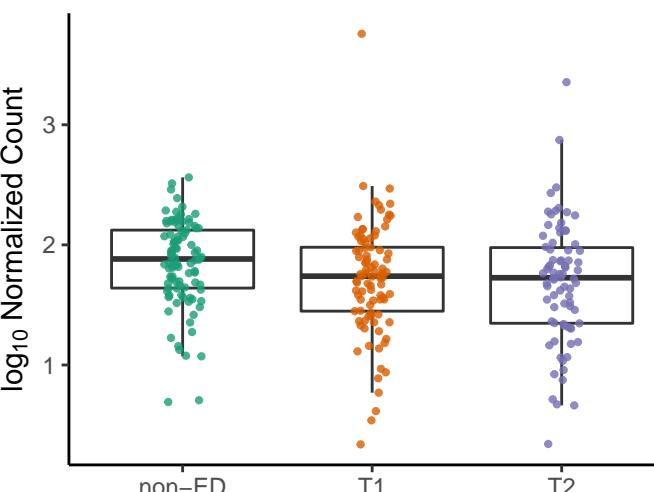
### *Lactobacillus zhachilii*

non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.59



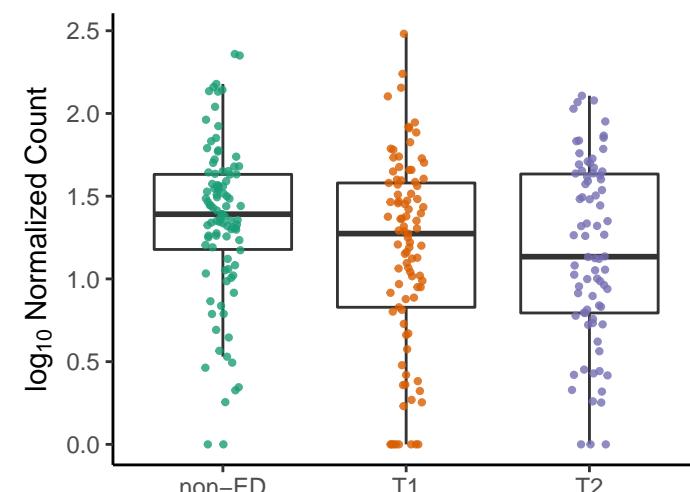
### *Lactobacillus acetotolerans*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.91



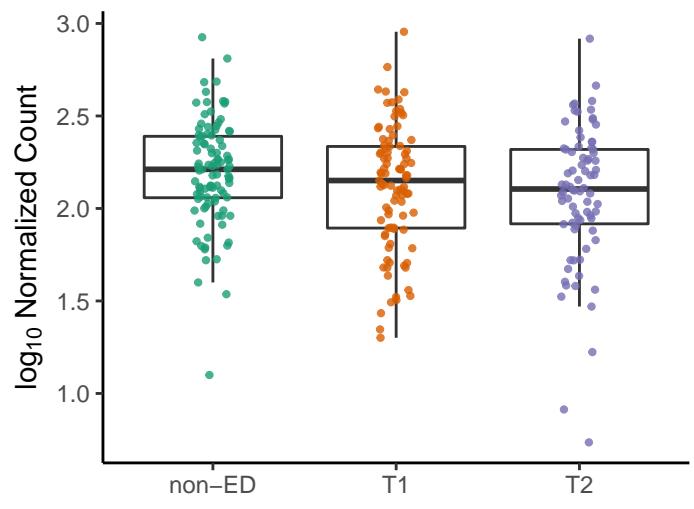
### *Azoarcus* sp. BH72

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.88



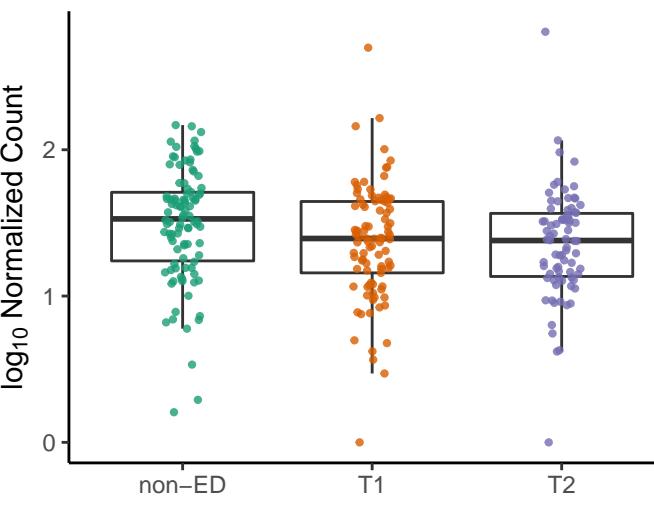
### Bacillus sp. OxB-1

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.83



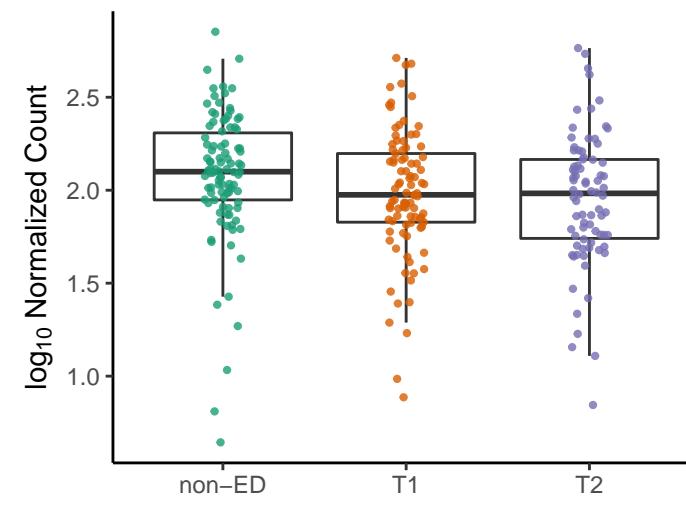
### Agarivorans gilvus

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.99



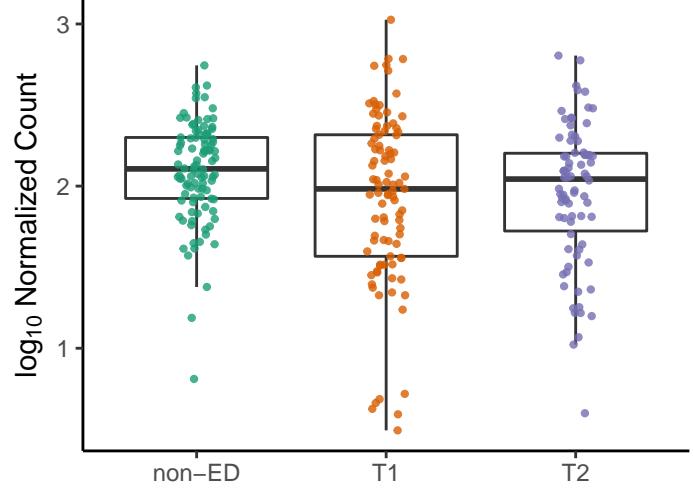
### Arachidicoccus ginsenosidivorans

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.87



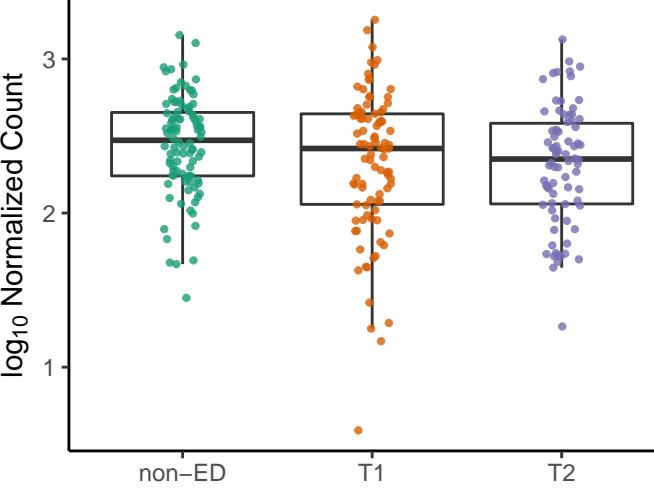
### Bordetella genomosp. 13

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.78



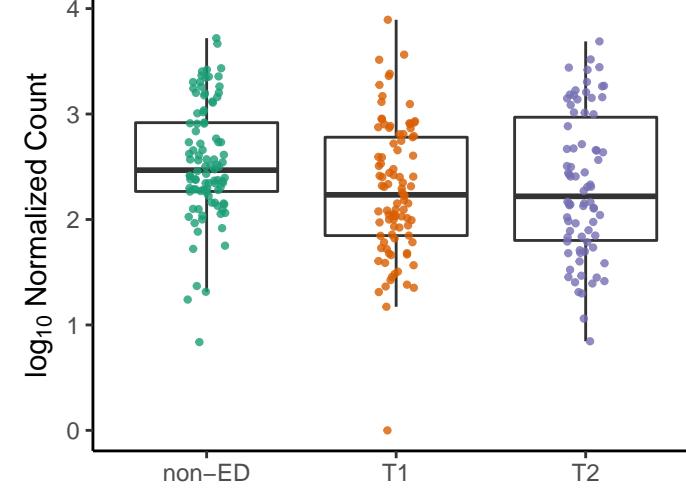
### Ramlibacter tataouinensis

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.94



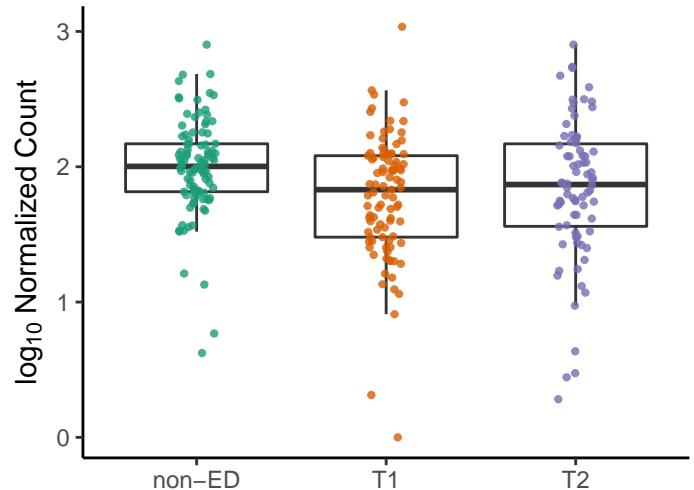
### Dialister pneumosintes

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.91



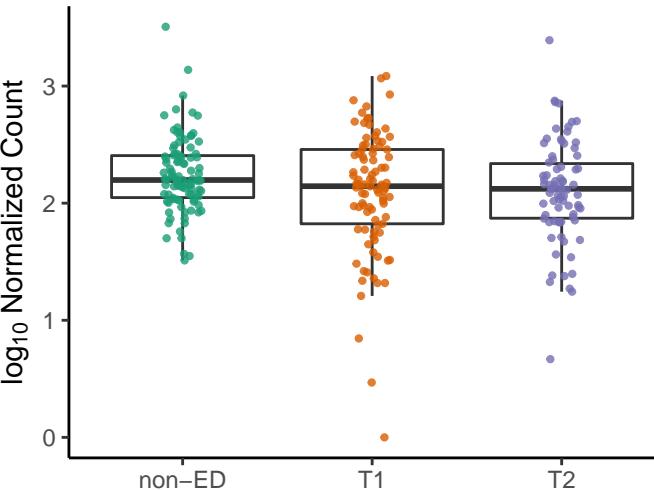
### Pseudomonas sp. ATCC 13867

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.66



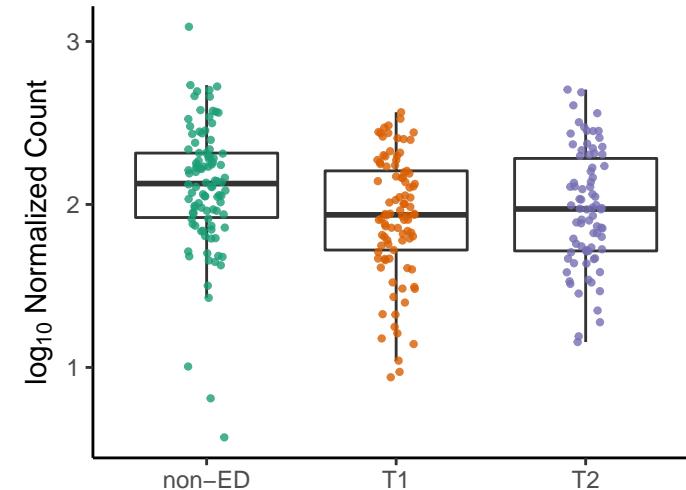
### Actinomyces sp. oral taxon 897

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.87



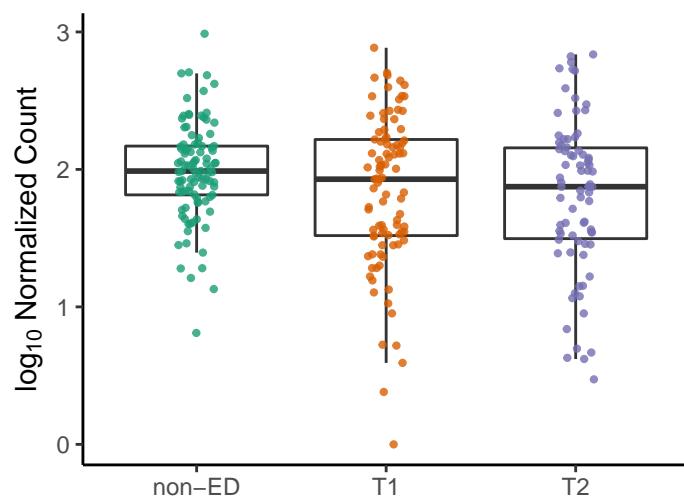
### Calothrix parasitica

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.73



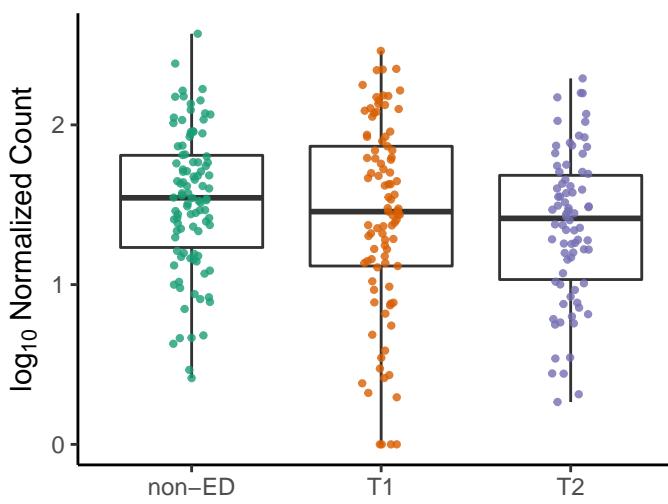
### *Micromonospora inositola*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.93



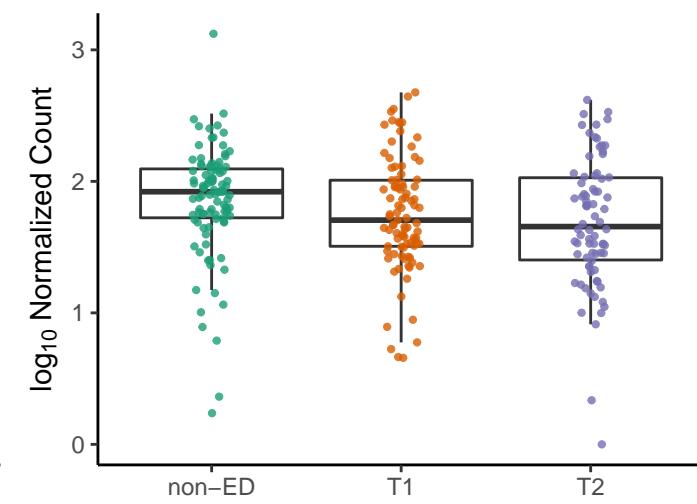
### *Novosphingobium tardaugens*

non-ED vs. T1 adjusted p = 0.27  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.8



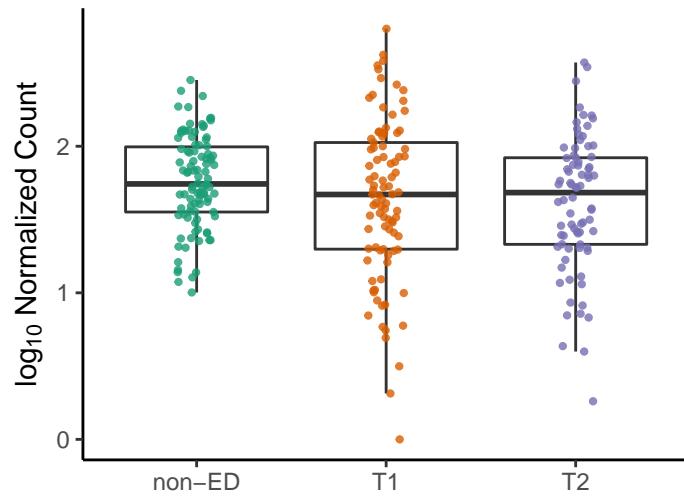
### *Staphylococcus saprophyticus*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.76



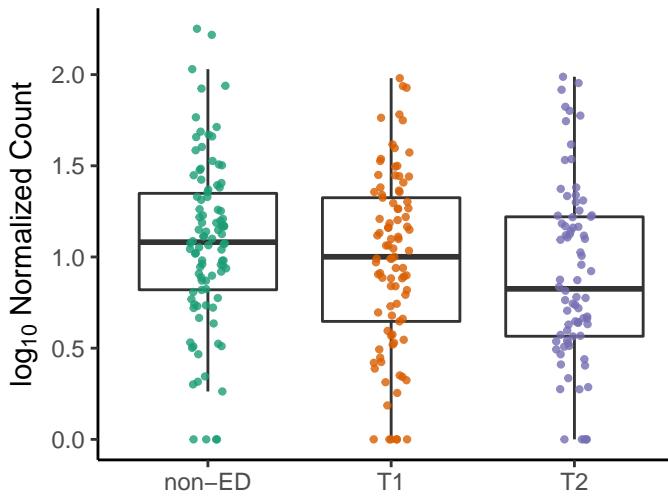
### *Afipia sp. GAS231*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.95



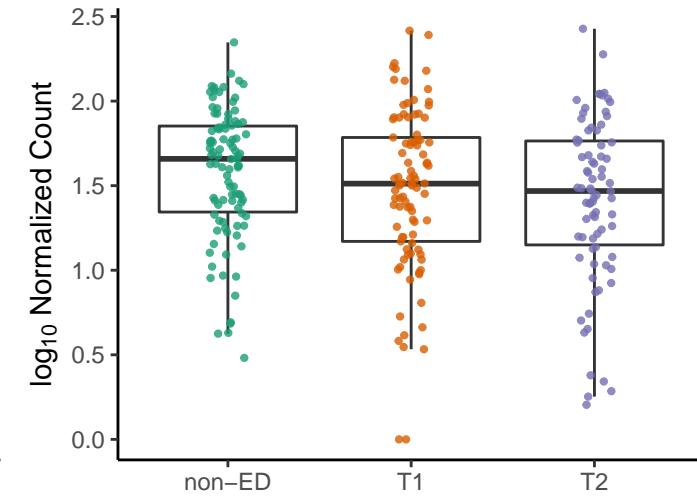
### *Mycolicibacterium monacense*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.68



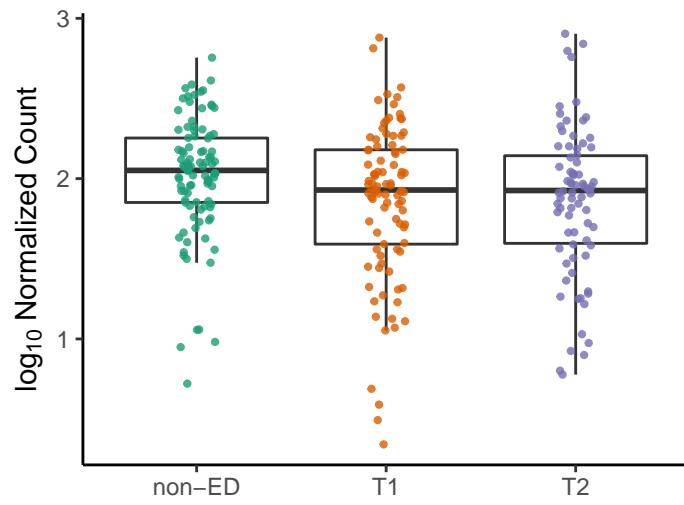
### *Arcobacter suis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.7



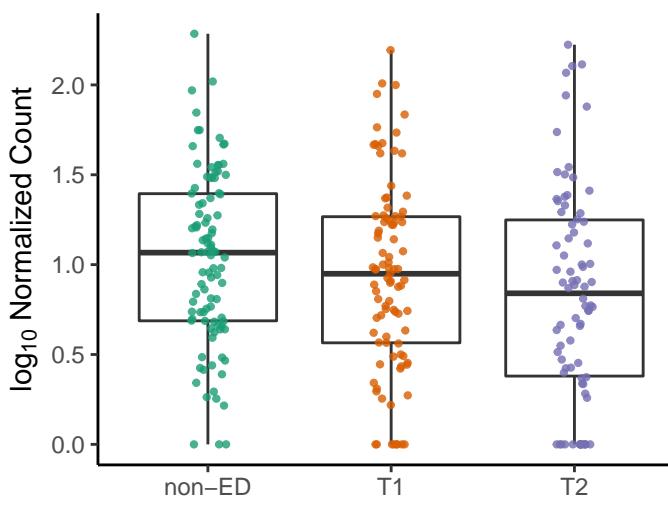
### Unclassified Polaromonas Genus

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.91



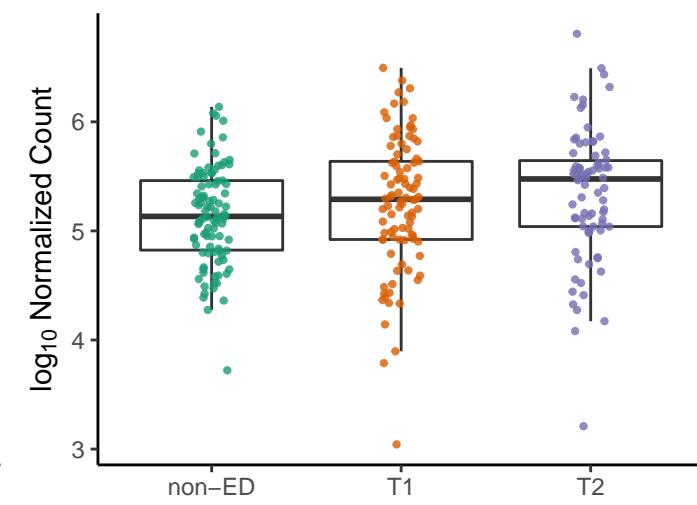
### *Blattabacterium sp. (Mastotermes darwini)*

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.7



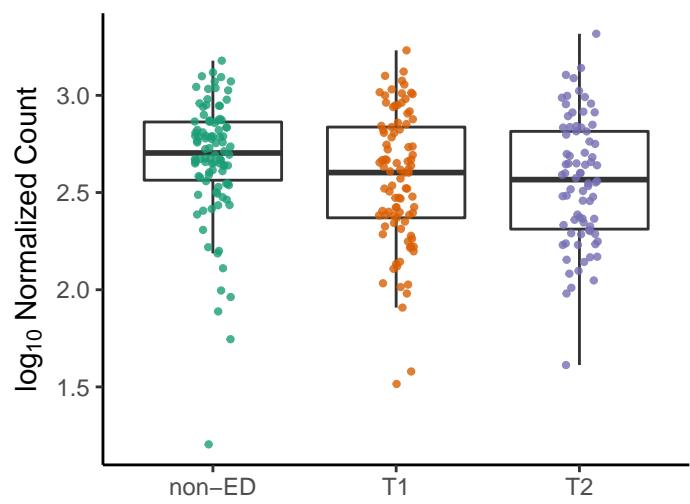
### *Ruthenibacterium lactatiformans*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.72



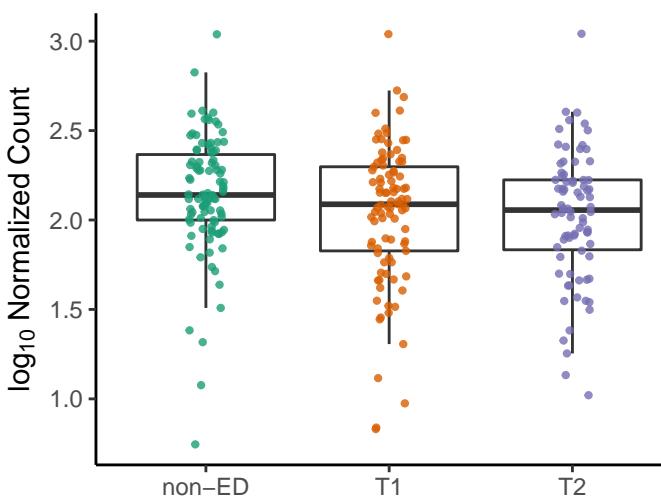
### *Clostridium* sp. SYSU GA15002T

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.98



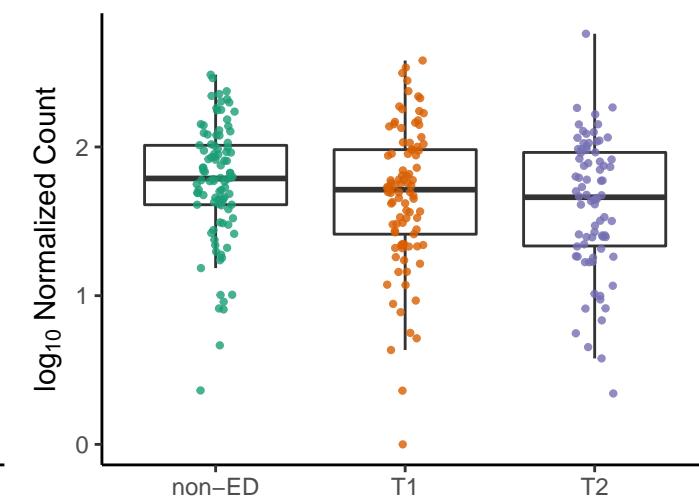
### *Empedobacter brevis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.98



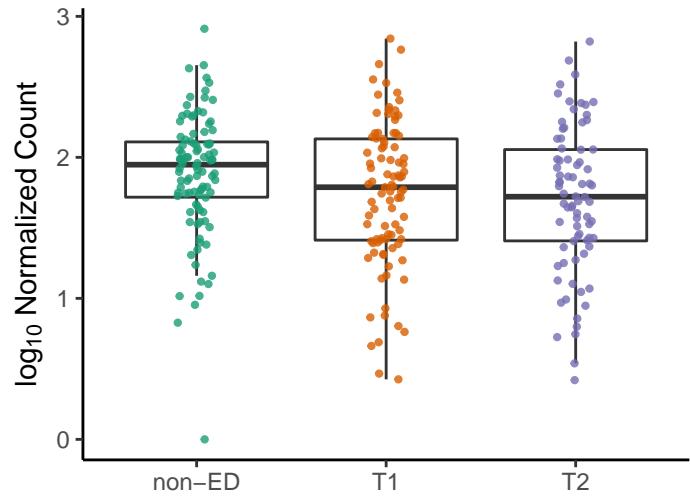
### *Formosa* sp. Hel1\_31\_208

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.7



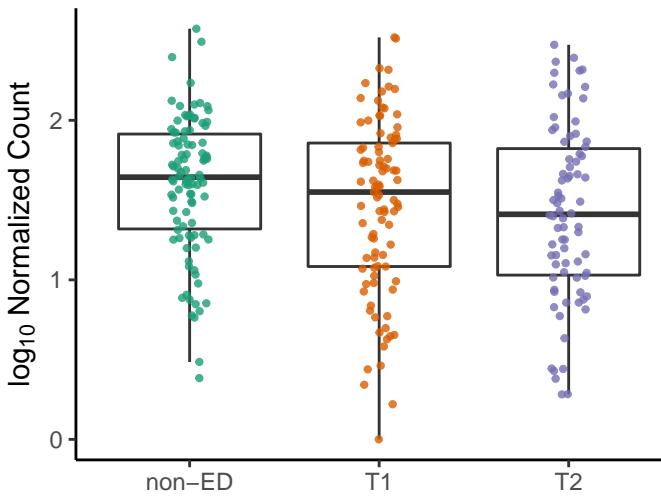
### *Silicimonas algicola*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.98



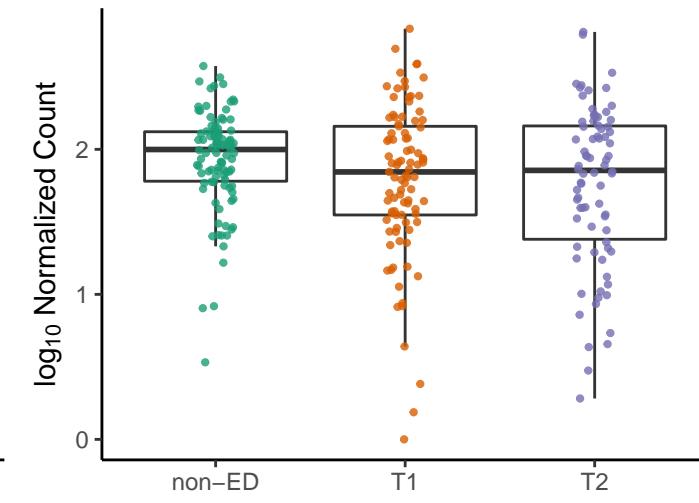
### Unclassified Plantibacter Genus

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.95



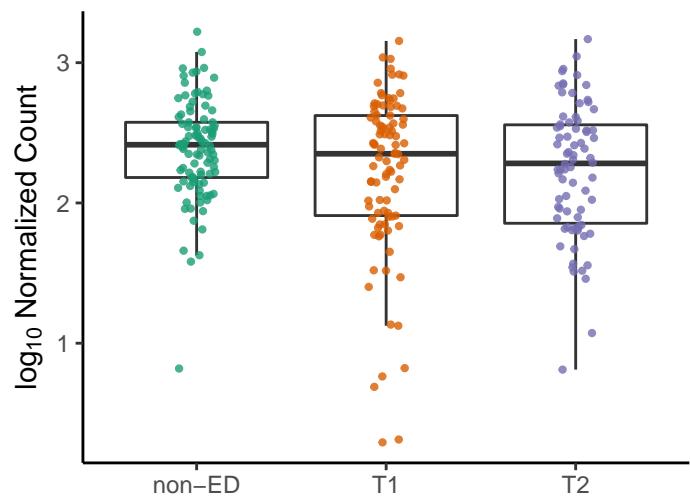
### *Pseudolabrys taiwanensis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.96



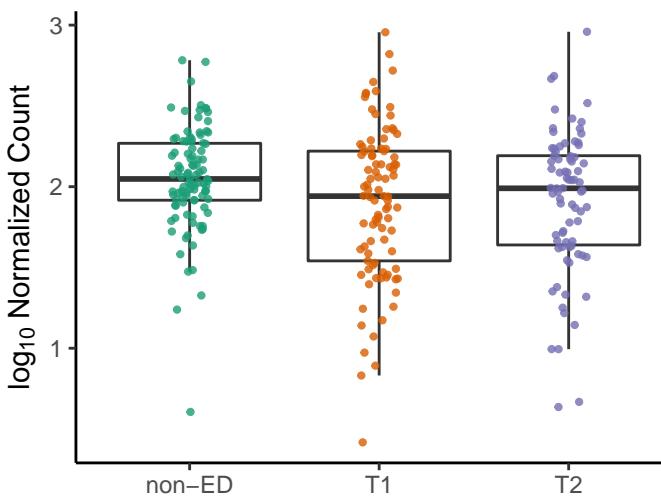
### *Lacunisphaera limnophila*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.86



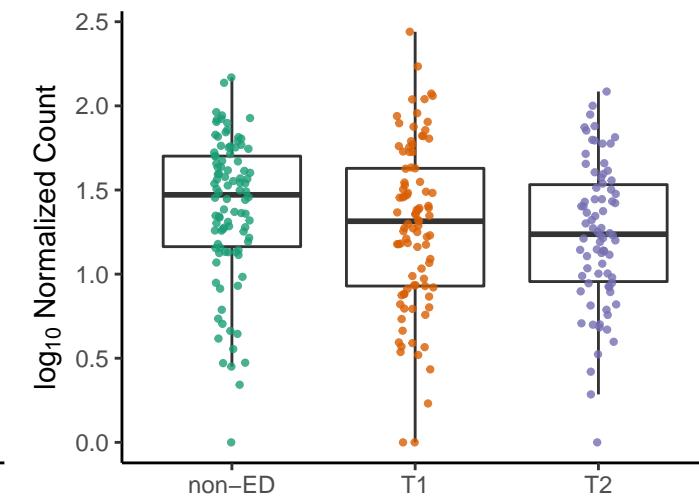
### *Emcibacter congregatus*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.92



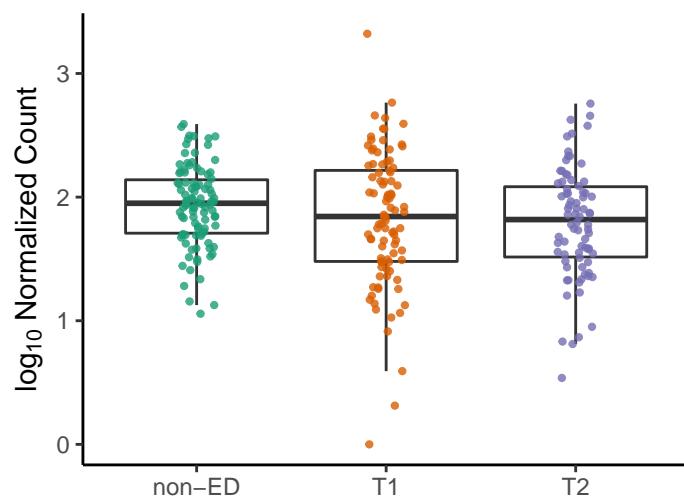
### *Colwellia* sp. PAMC 21821

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.67



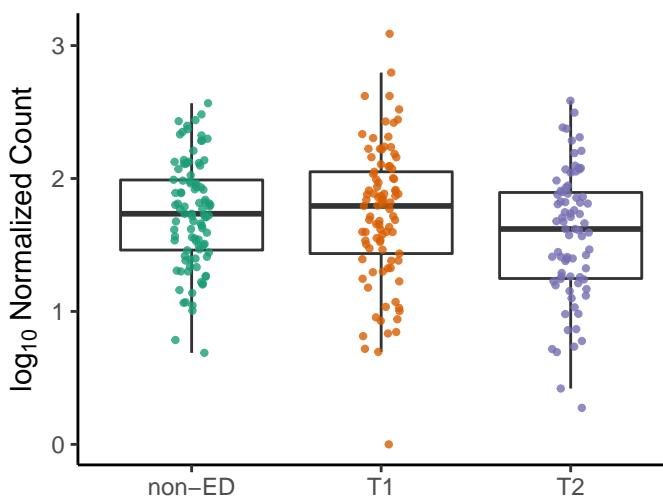
### *Mycolicibacterium sediminis*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.96



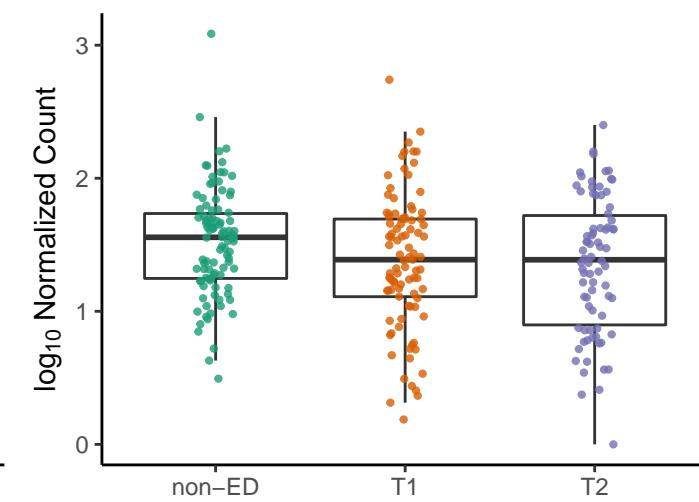
### *Streptomyces* sp. QHH-9511

non-ED vs. T1 adjusted p = 0.9  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.63



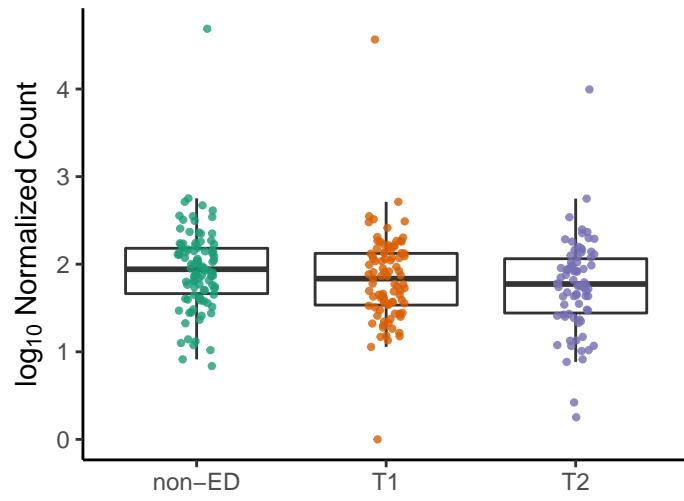
### *Pseudomonas* sp. S35

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.93



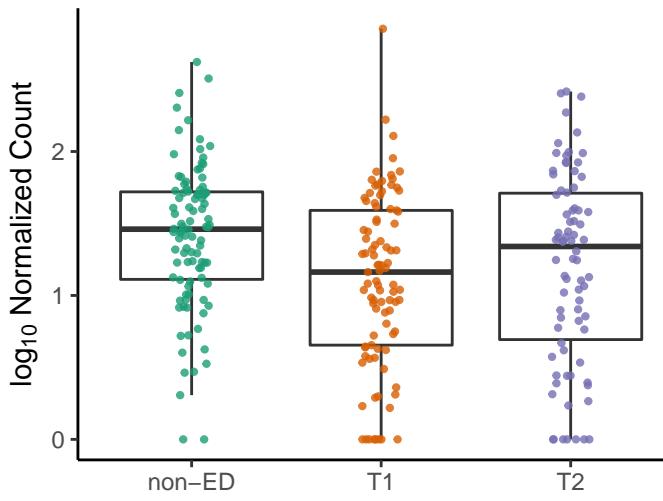
### *Weissella cibaria*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.78



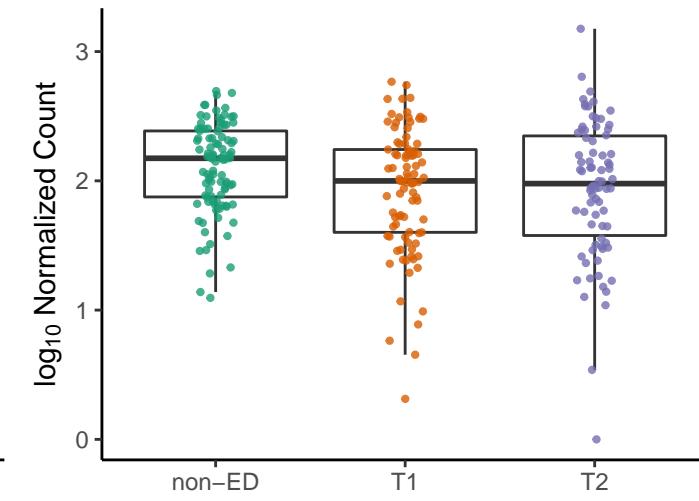
### *Rathayibacter* sp. VKM Ac-2762

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.67



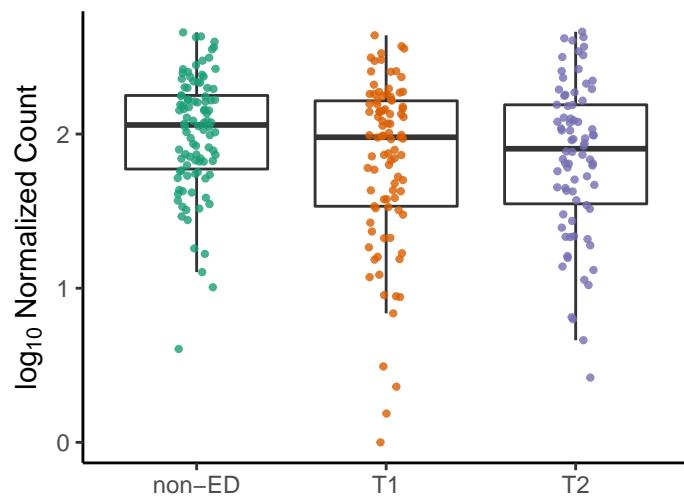
### *Arsenicicoccus* sp. oral taxon 190

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.89



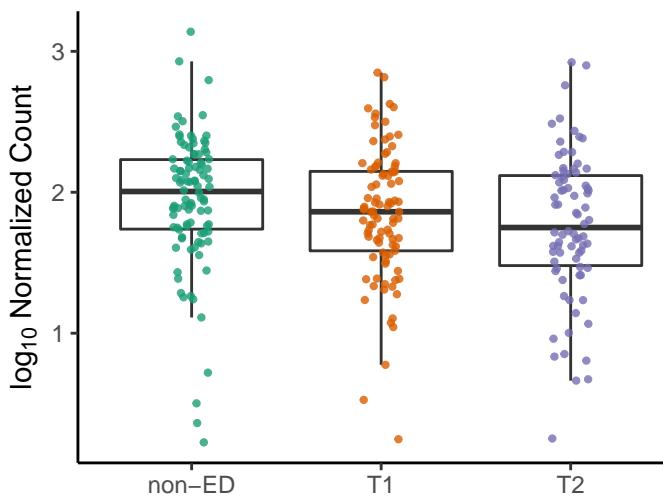
### *Burkholderiales bacterium GJ-E10*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.84



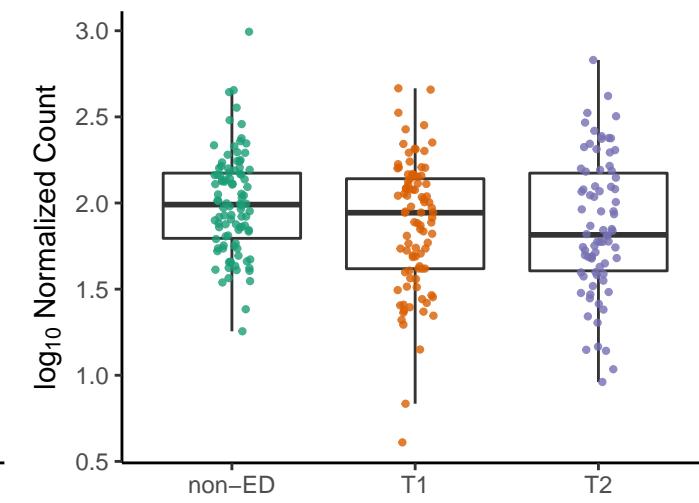
### *Flavobacterium* sp. 140616W15

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.63



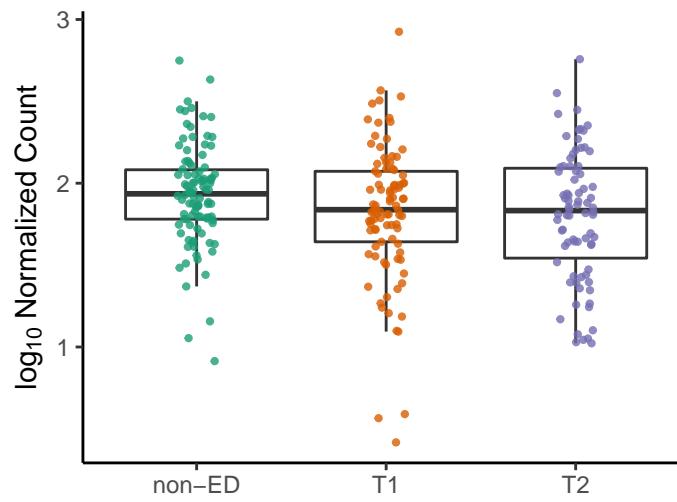
### *Suicoccus acidiformans*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.94



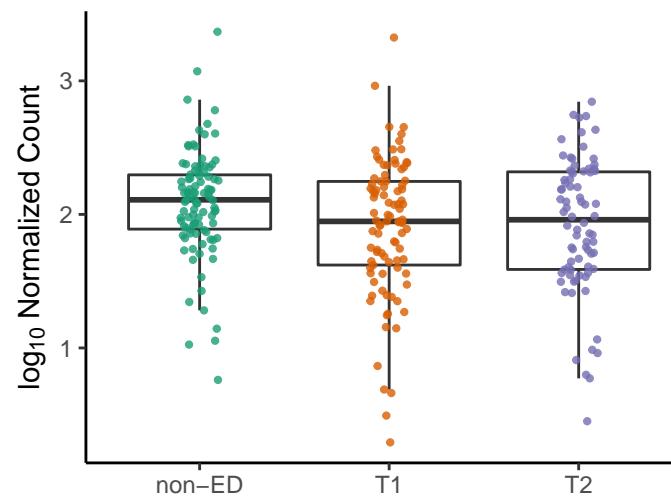
### Rhizobium grahamii

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.98



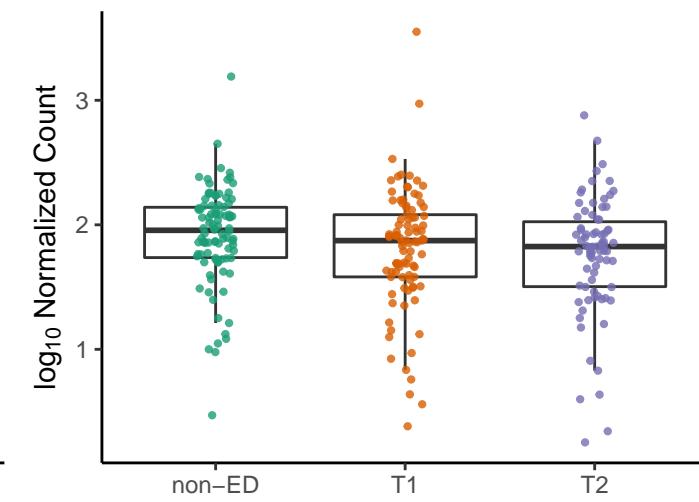
### Streptomyces collinus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.81



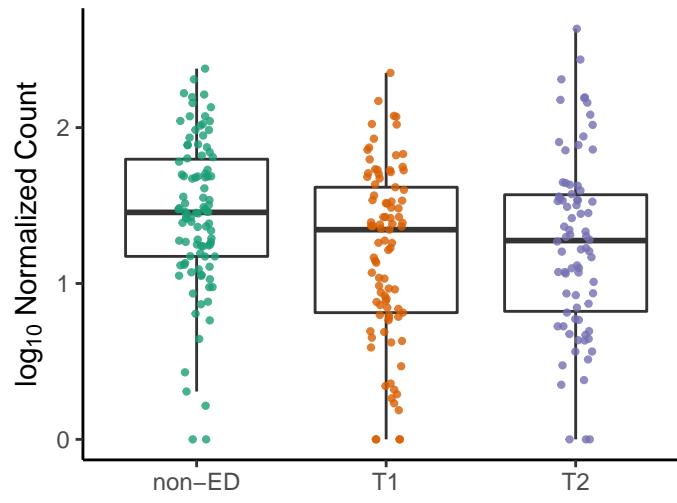
### Leadbetterella byssophila

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.77



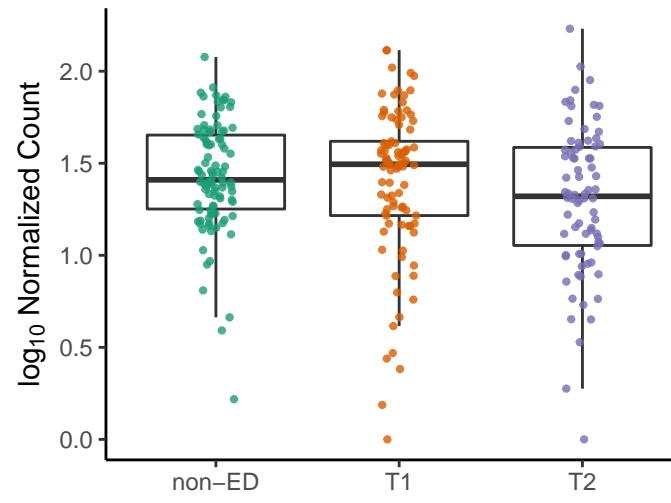
### Unclassified Halorubrum Genus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.73



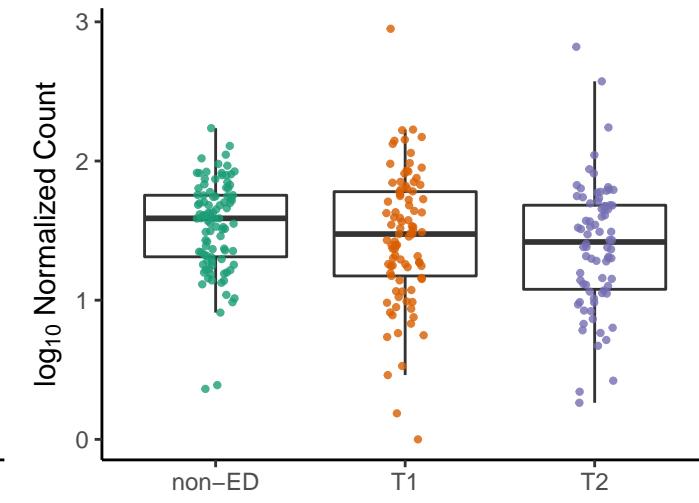
### Acinetobacter bereziniae

non-ED vs. T1 adjusted p = 0.71  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.66



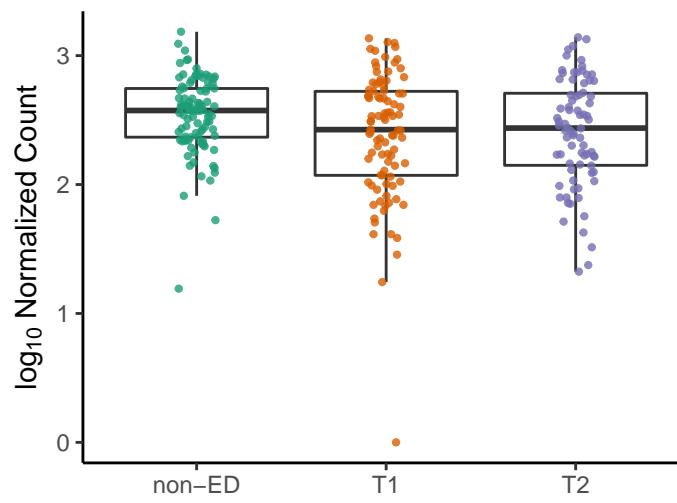
### Actinobacillus pleuropneumoniae

non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.95



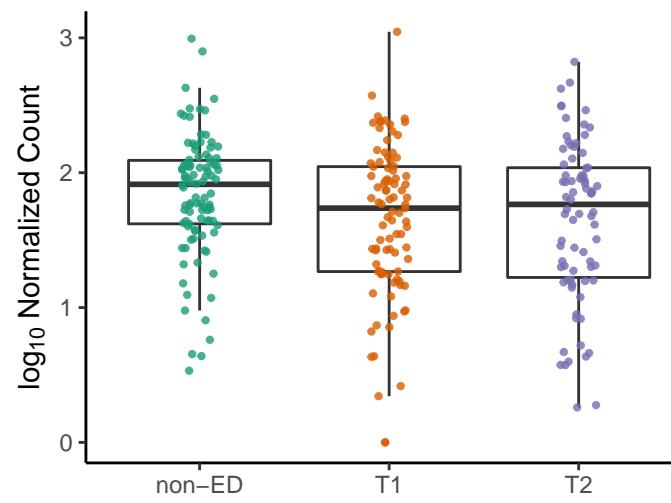
### Unclassified Sphingomonadales Order

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.79



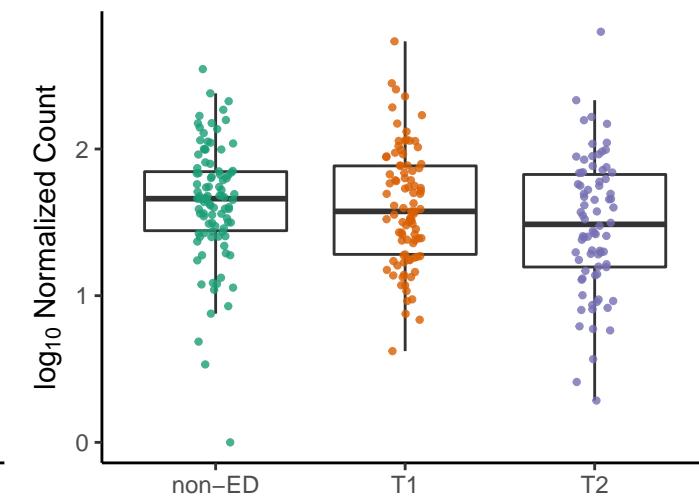
### Dietzia timorensis

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.97

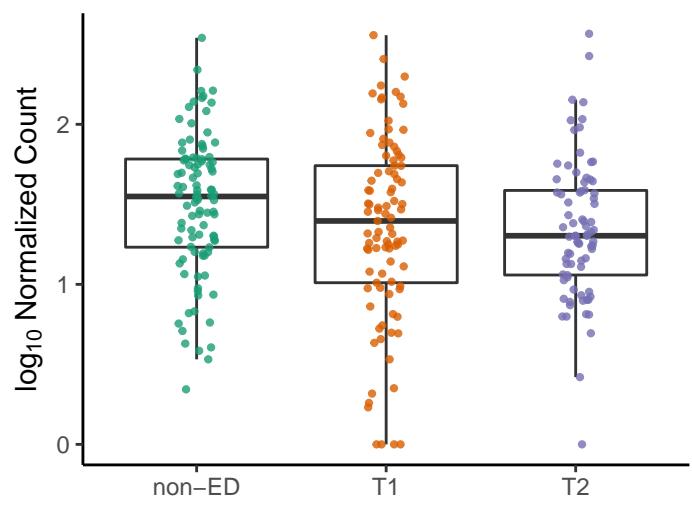


### Oenococcus sp. UCMA 16435

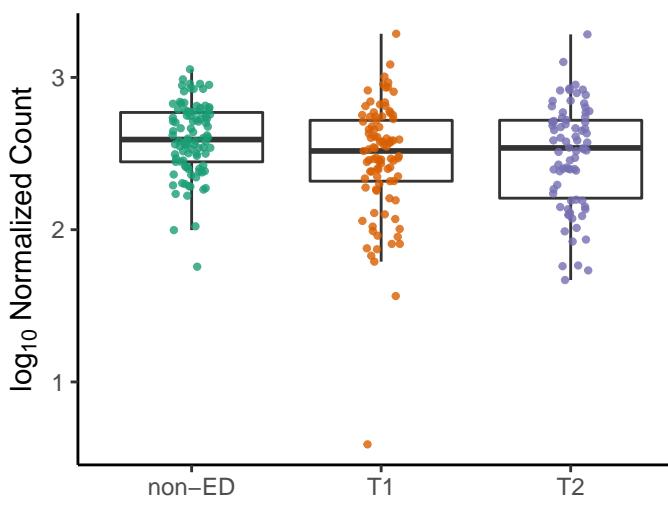
non-ED vs. T1 adjusted p = 0.67  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.65



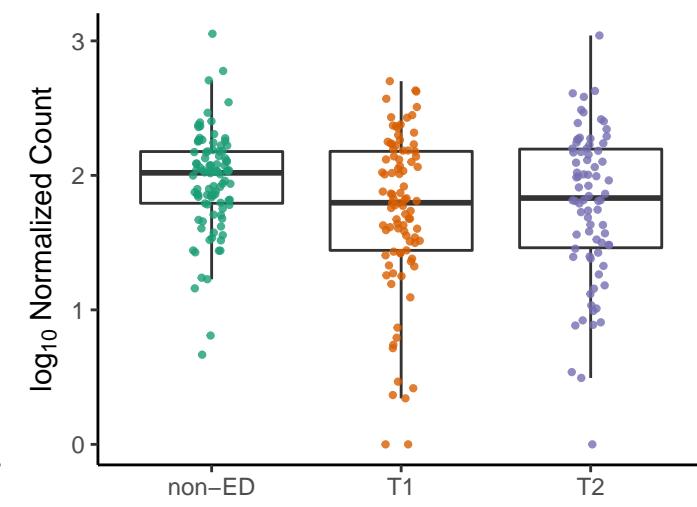
**Streptomyces cyaneogriseus**  
 non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.95



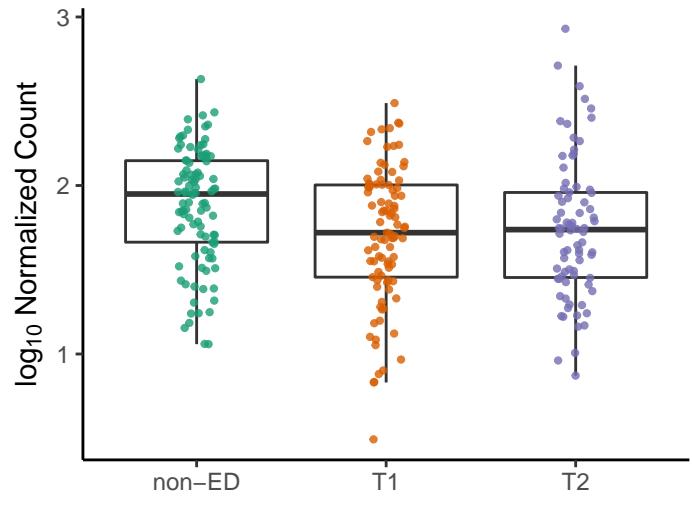
**Unclassified Sphingomonadaceae Family**  
 non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.77



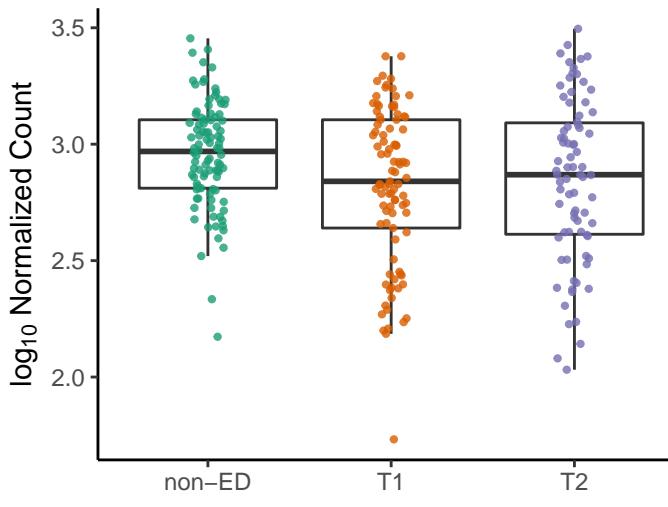
**Pseudomonas rhizosphaerae**  
 non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.68



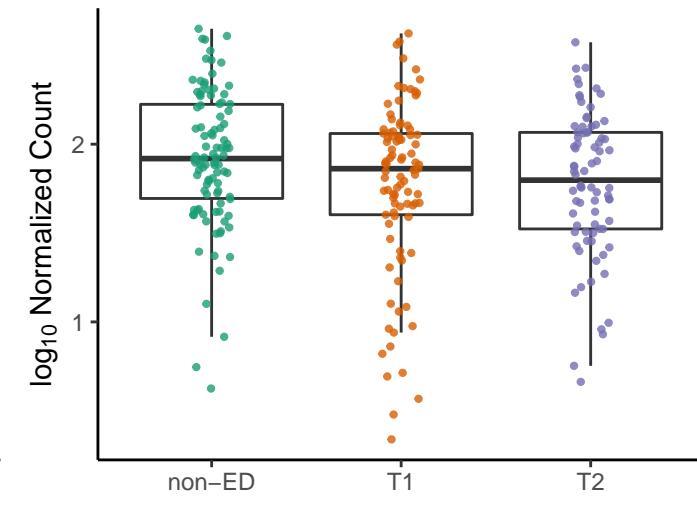
**Pseudohalocynthiaibacter aestuariivivens**  
 non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.76



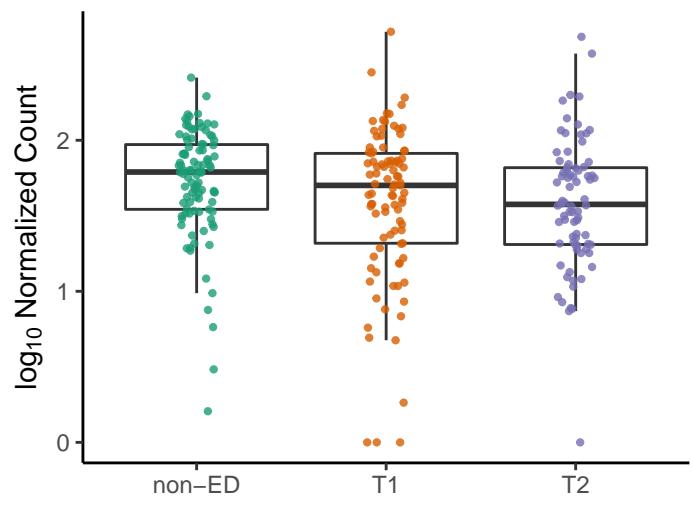
**Rhizobium leguminosarum**  
 non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.76



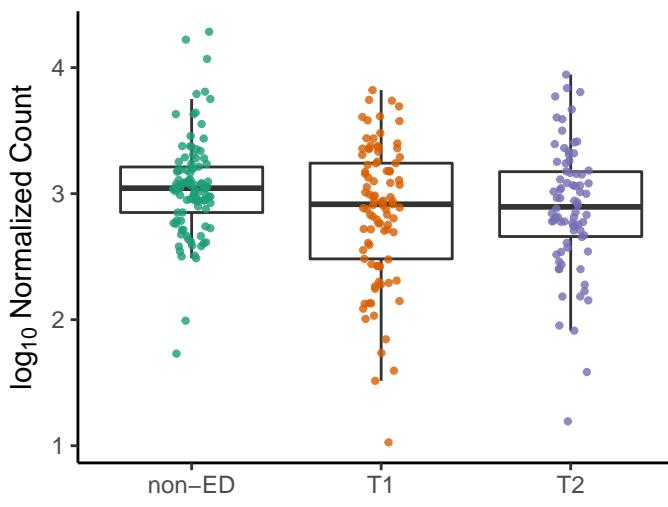
**Unclassified Chitinophagaceae Family**  
 non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.97



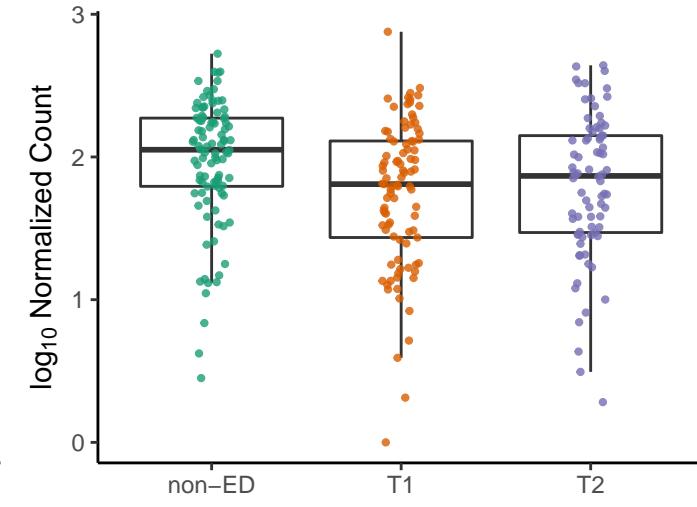
**Woeseia oceanii**  
 non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.94



**Coriobacteriaceae bacterium 68-1-3**  
 non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.81

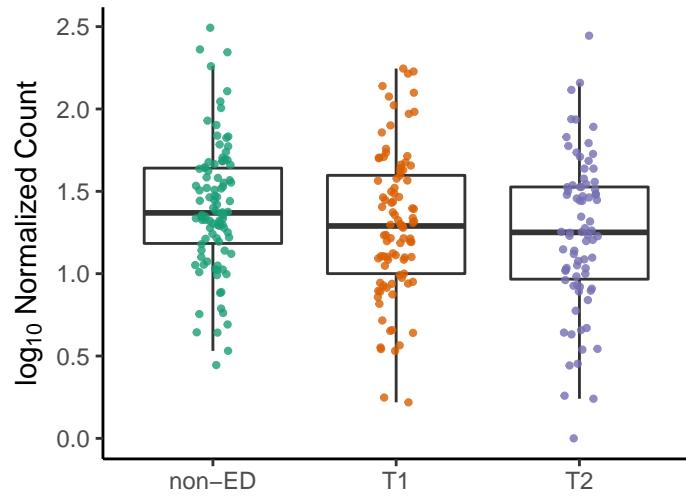


**Sphingosinicella microcystinivorans**  
 non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.63



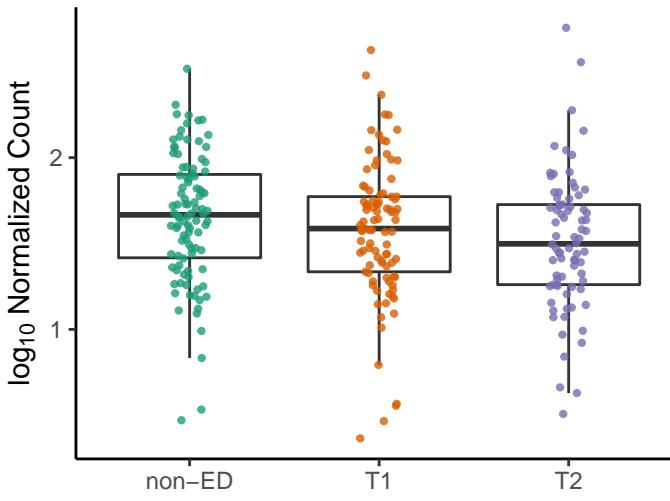
### *Pseudomonas* sp. C27(2019)

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.73



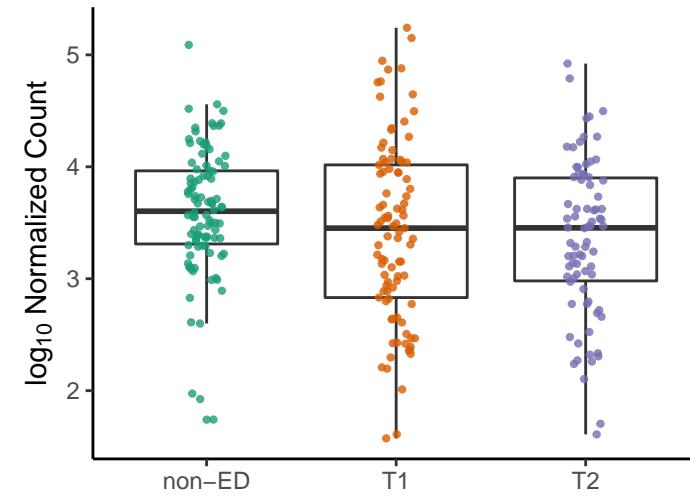
### *Elusimicrobium minutum*

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.83



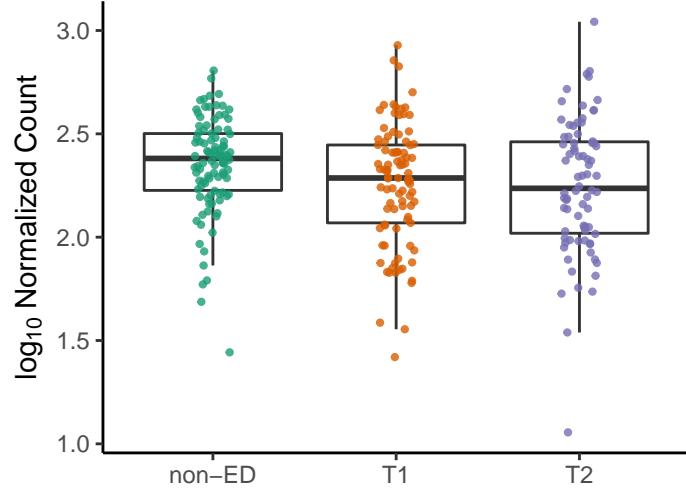
### *Streptococcus parasanguinis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.79



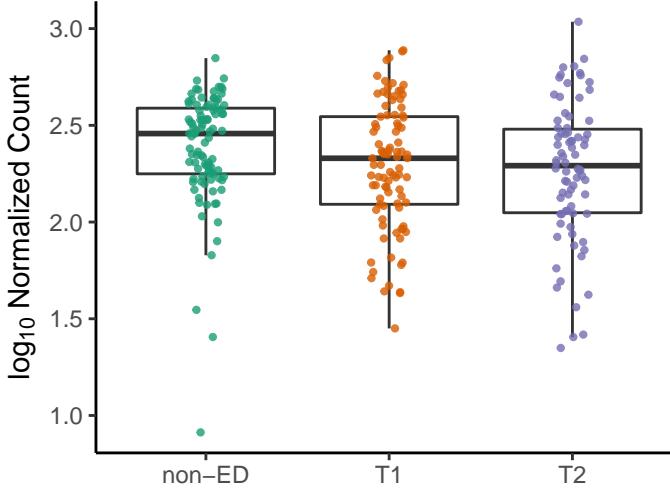
### *Paenibacillus* sp. DCT19

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



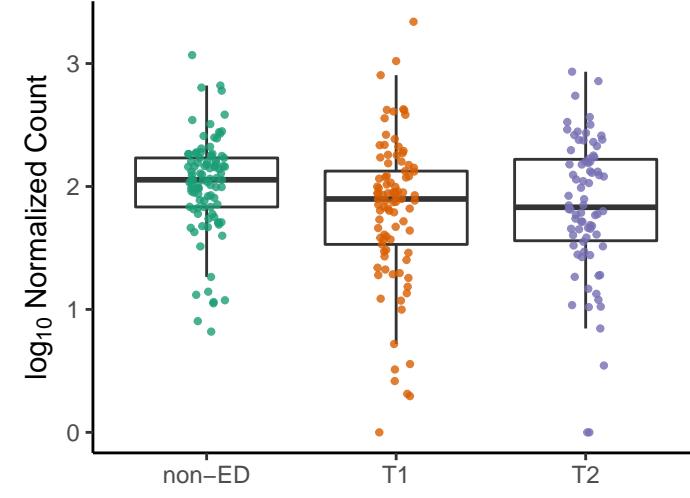
### *Clostridium aceticum*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.89



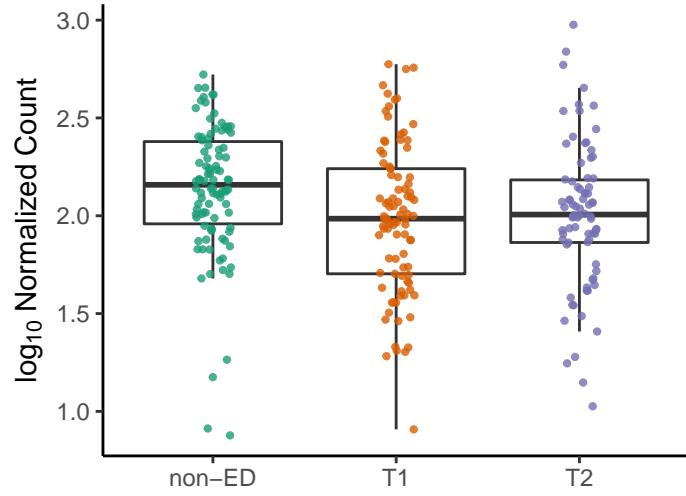
### *Serpentinomonas raichei*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.69



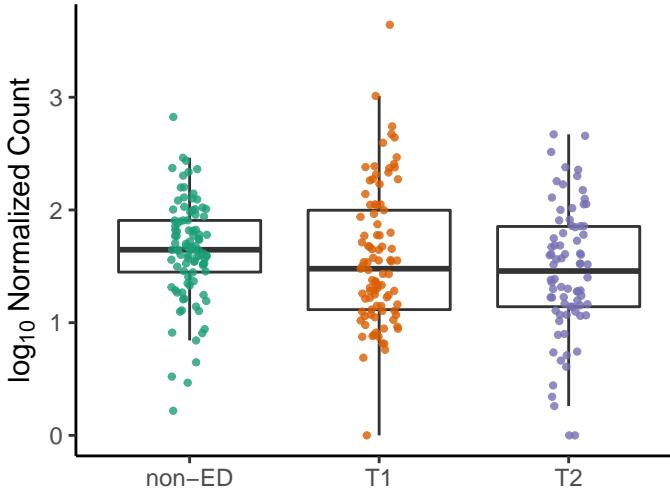
### *Halanaerobium hydrogeniformans*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.86



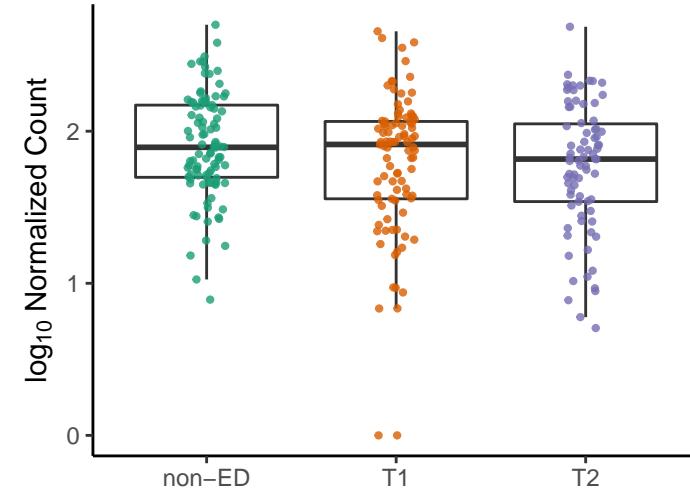
### *Streptococcus* sp. oral taxon 064

non-ED vs. T1 adjusted p = 0.53  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.64



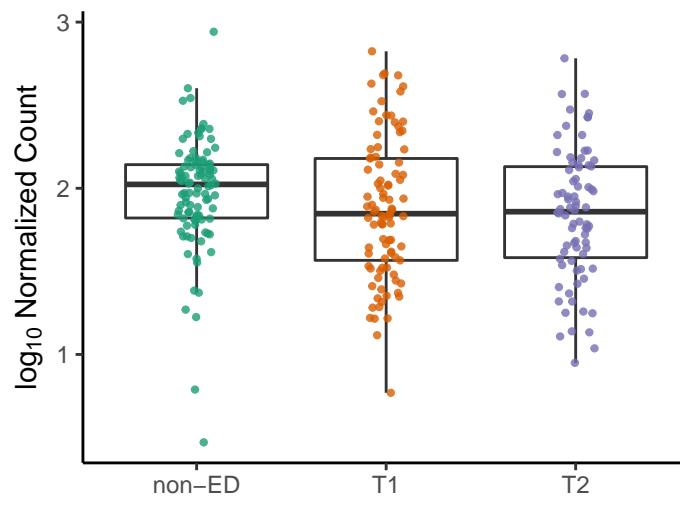
### *Terriglobus saanensis*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.89



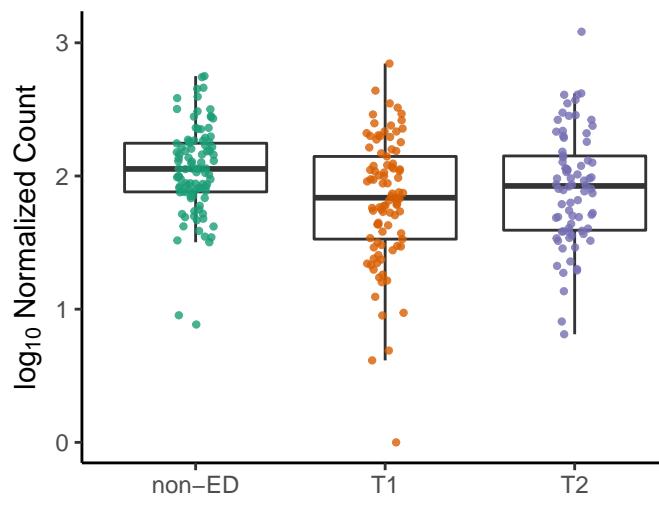
### *Vagococcus penaei*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.82



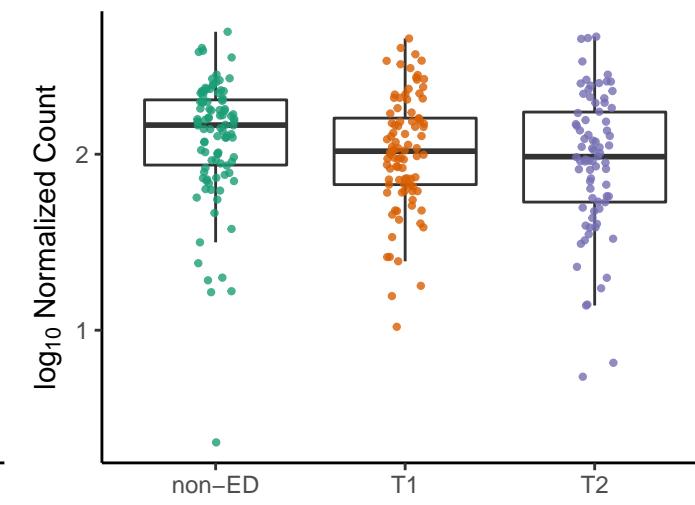
### *Actinomyces* sp. 299

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.5



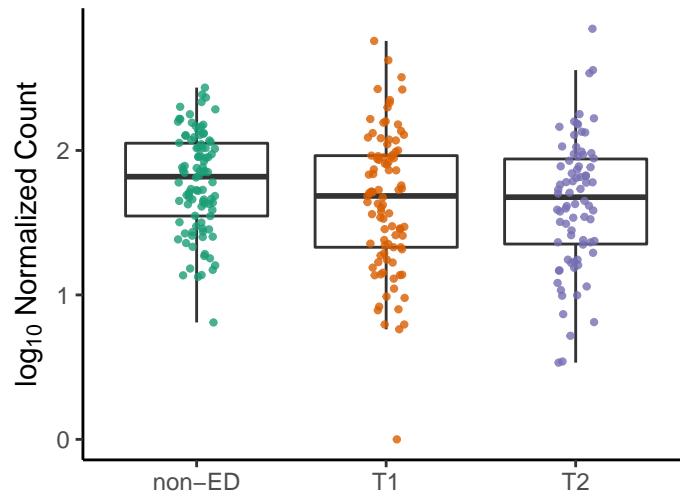
### *Amphibacillus xylanus*

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.72



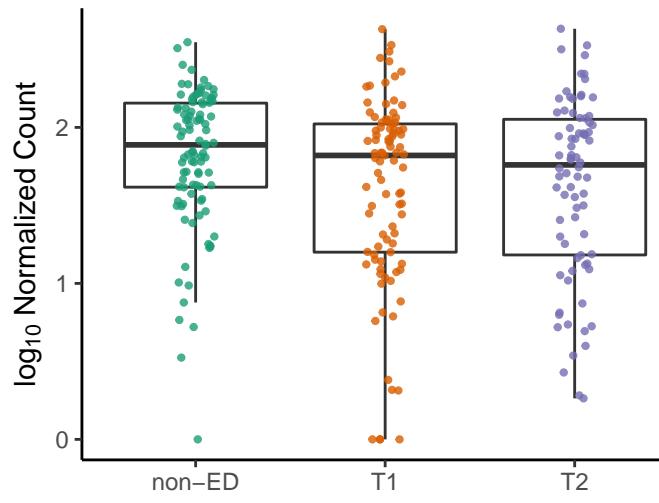
### *Erythrobacter atlanticus*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.98



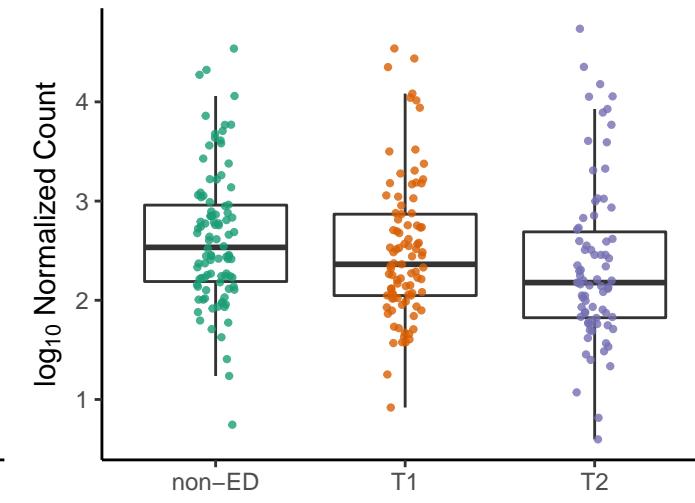
### *Novosphingobium aromaticivorans*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.86



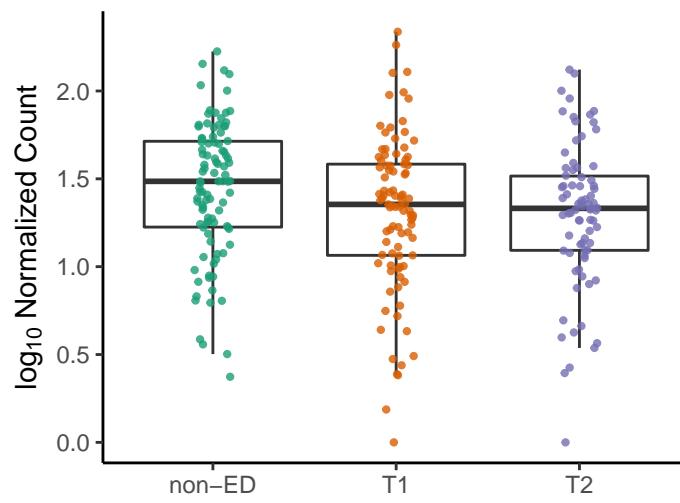
### *Haemophilus parainfluenzae*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.73



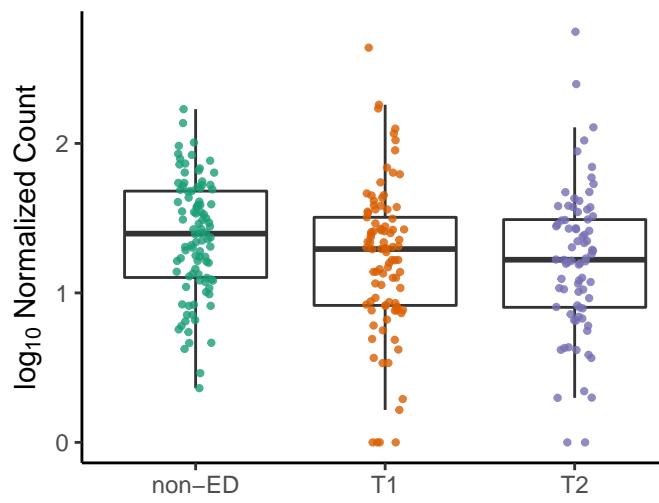
### Unclassified Cycloclasticus Genus

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



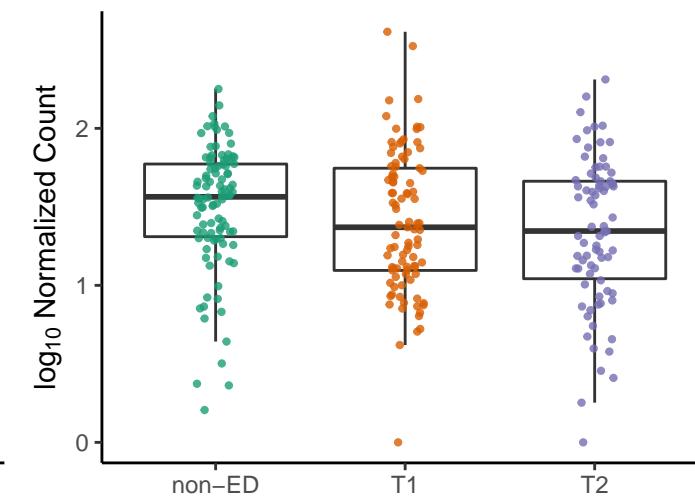
### *Vibrio crassostreae*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.98



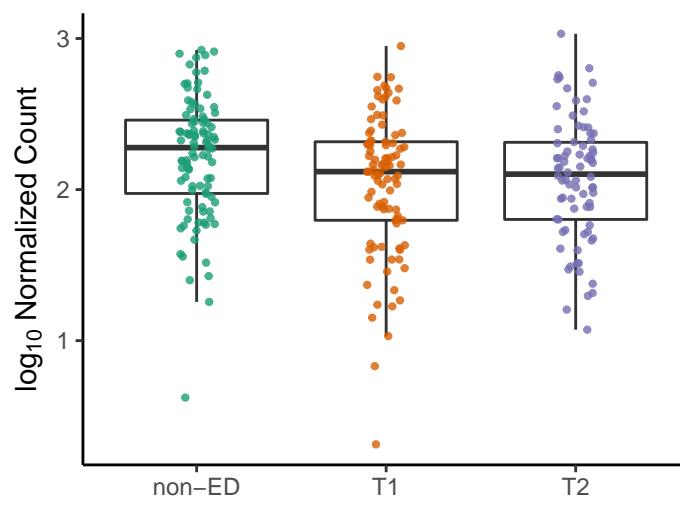
### *Formosa* sp. Hel1\_33\_131

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.84



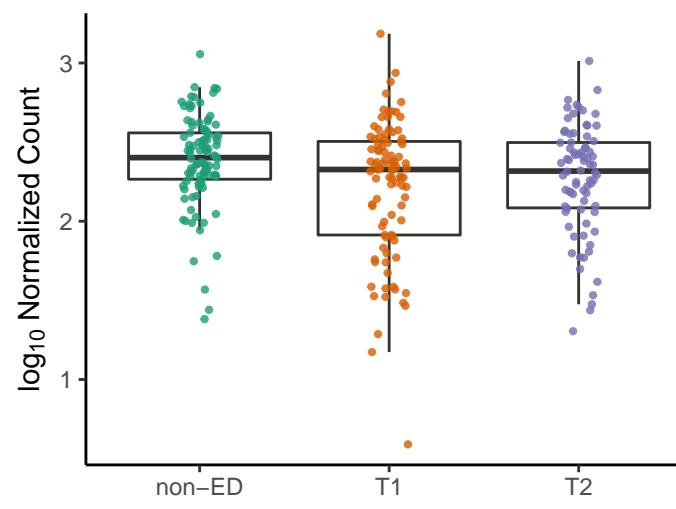
### *Arhrobacter crystallopoites*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.74



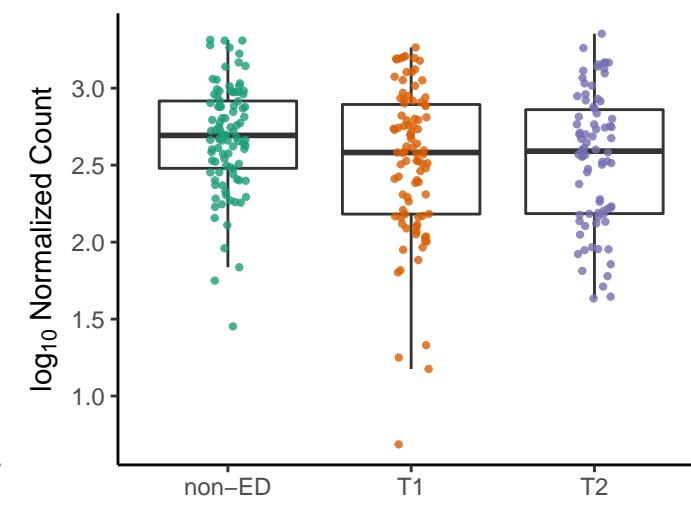
### *Asticcacaulis excentricus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.71



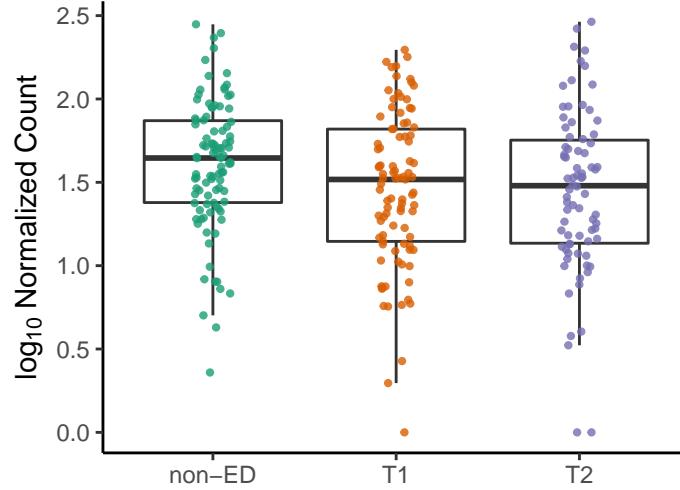
### Unclassified Deinococcus Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.82



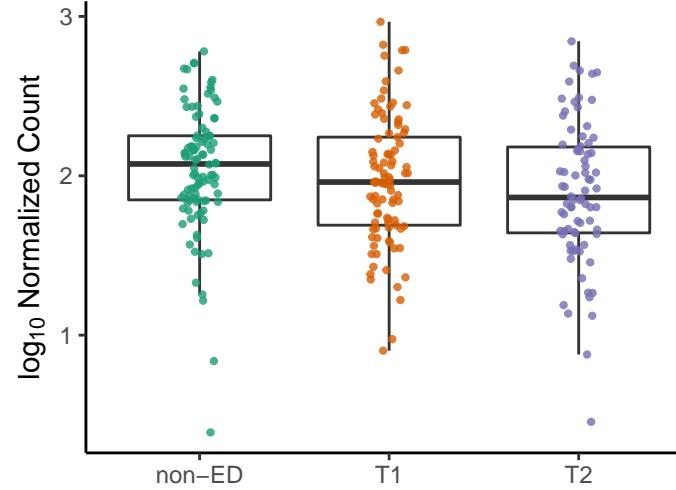
### *Candidatus Riesia pediculicola*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



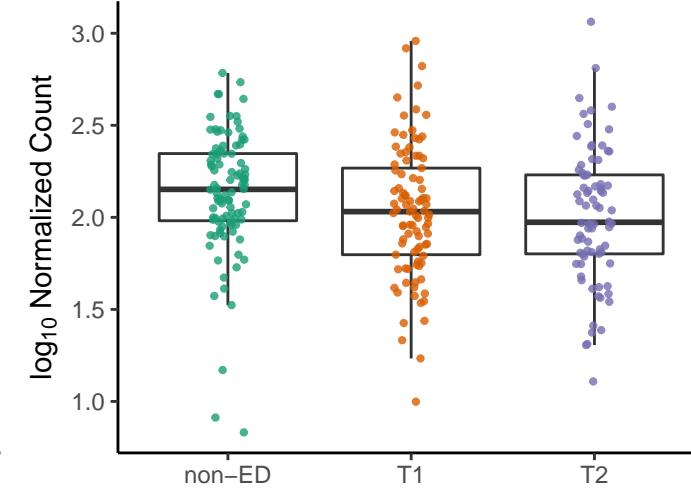
### *Erysipelothrix* sp. HDW6A

non-ED vs. T1 adjusted p = 0.33  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.73



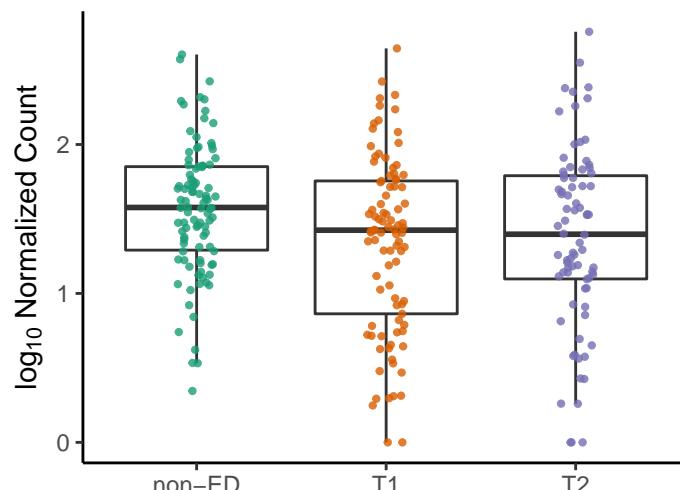
### *Bacillus methanolicus*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.93



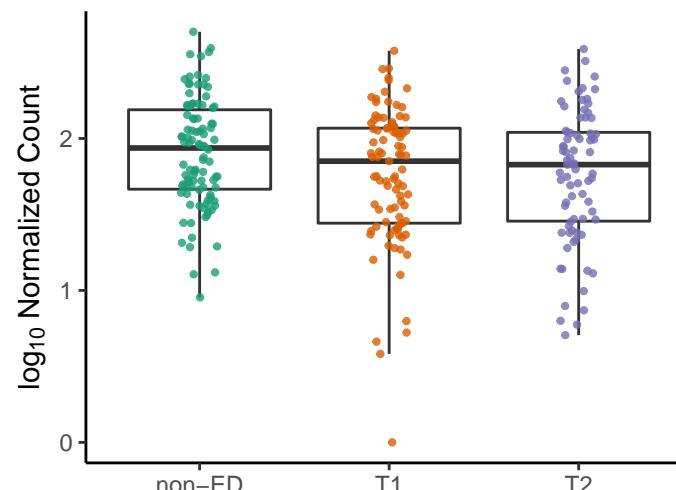
### *Brevundimonas* sp. SGAir0440

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.79



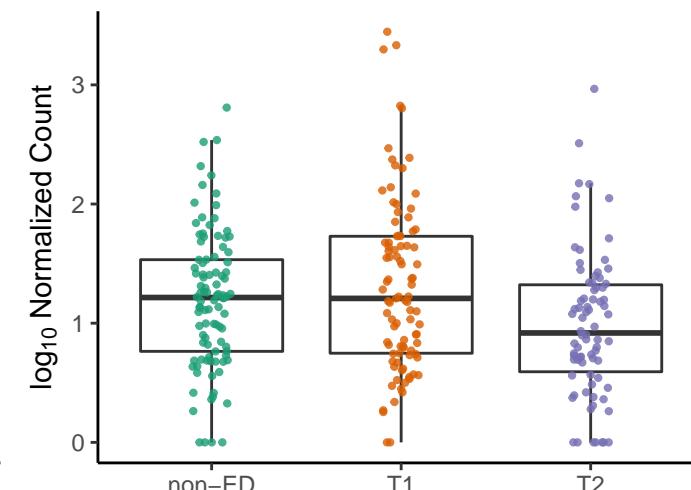
### *Neisseria* sp. KEM232

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.91

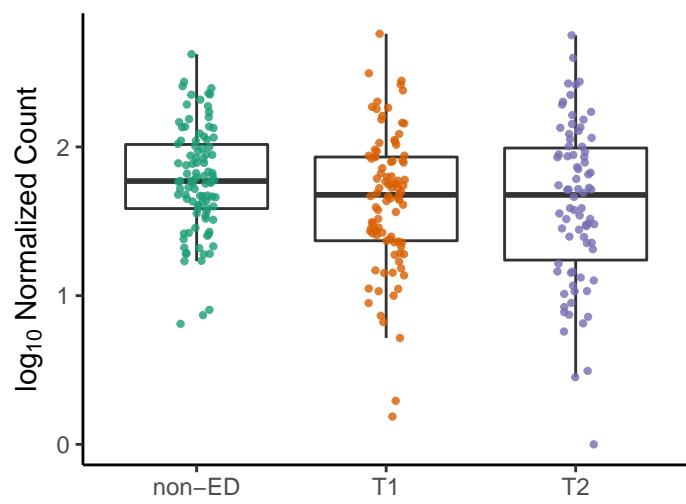


### *Citrobacter braakii*

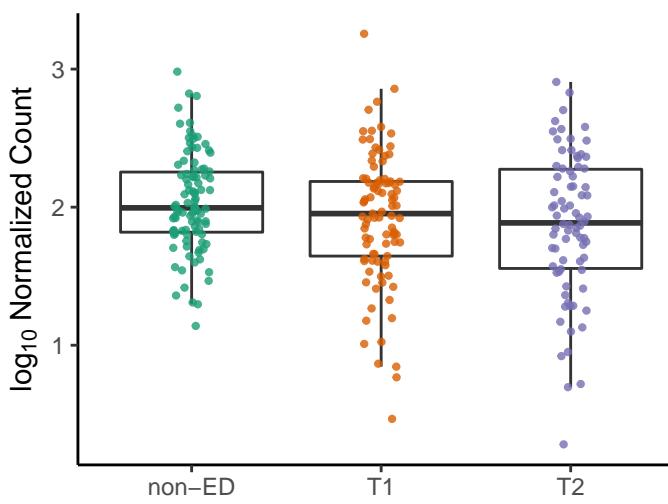
non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.052



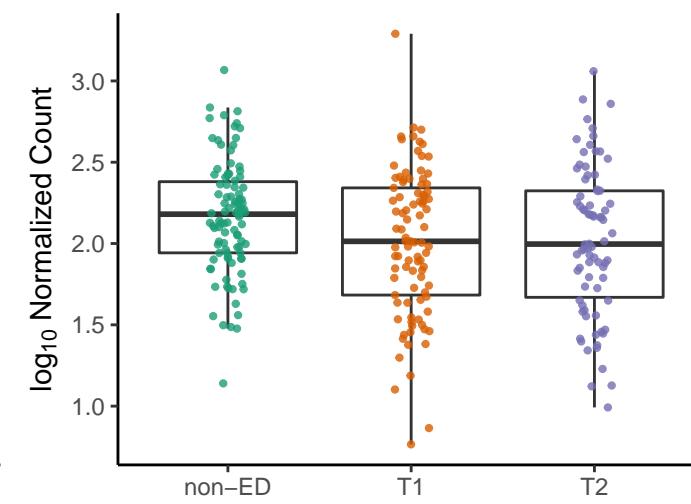
**Paraburkholderia dokdonella**  
non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.97



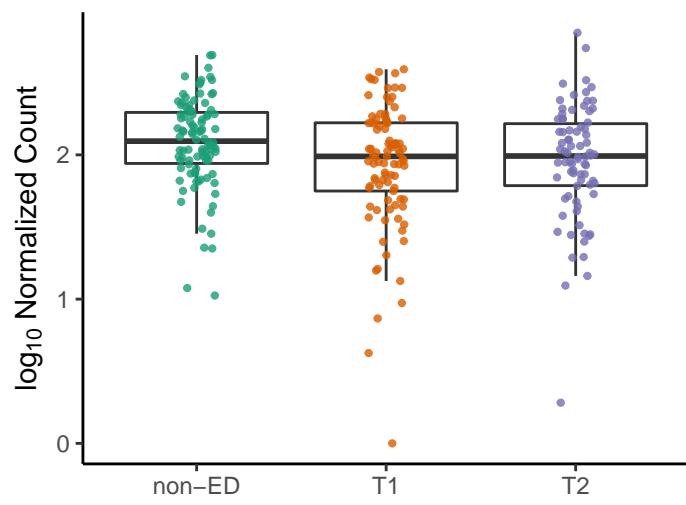
**Phycicoccus dokdonensis**  
non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.91



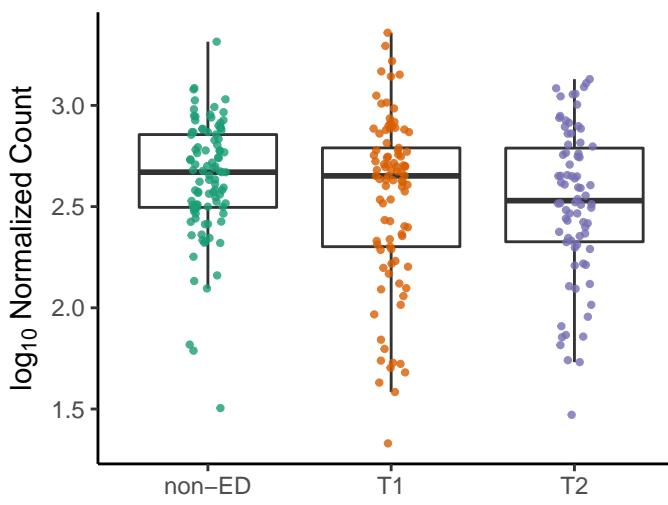
**Streptomyces scabiei**  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.83



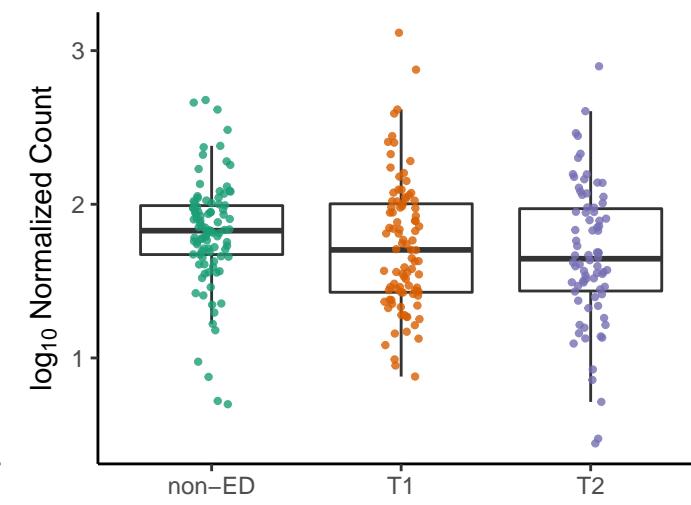
**Thioflavicoccus mobilis**  
non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.8



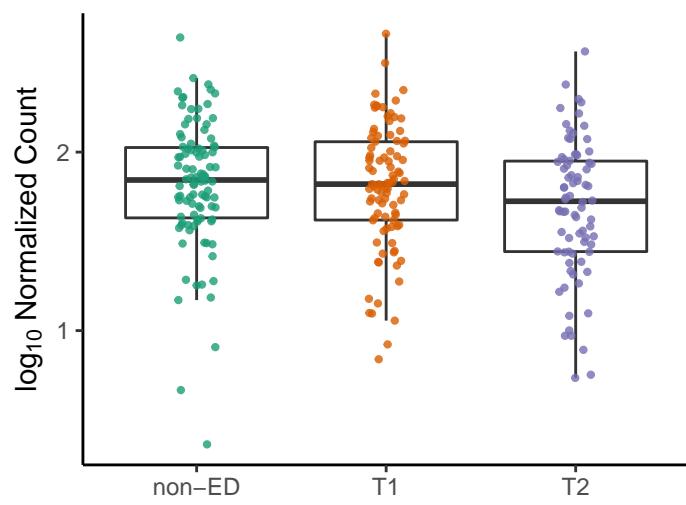
**Unclassified Hymenobacter Genus**  
non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.89



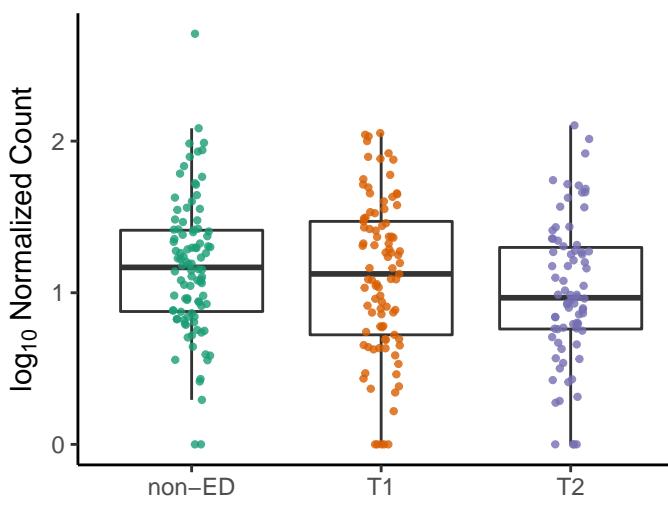
**Enterobacteriaceae bacterium ENNIH1**  
non-ED vs. T1 adjusted p = 0.23  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.97



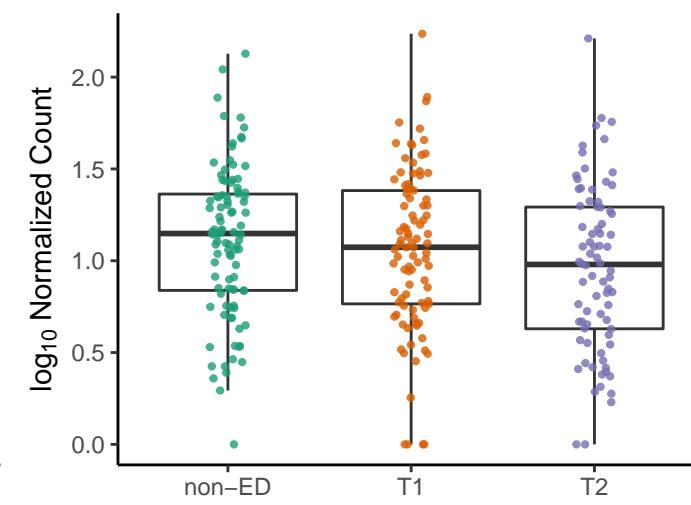
**Gramella fulva**  
non-ED vs. T1 adjusted p = 0.88  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.47



**Methylobacterium sp. DM1**  
non-ED vs. T1 adjusted p = 0.49  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.71

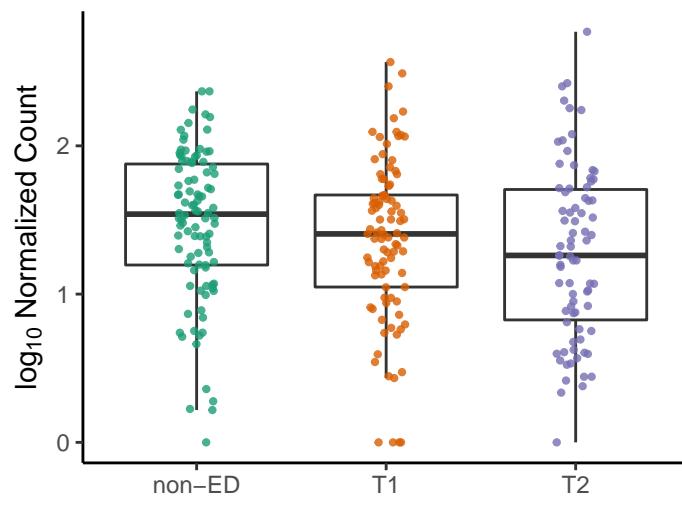


**Geoglobus ahangari**  
non-ED vs. T1 adjusted p = 0.51  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.34



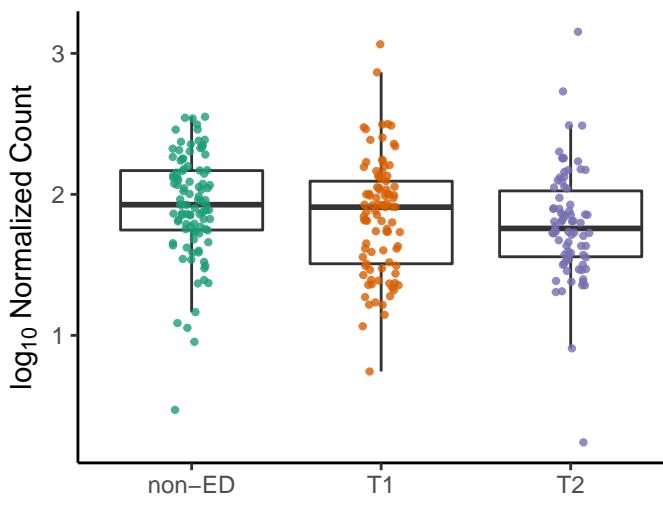
### *Spiroplasma culicicola*

non-ED vs. T1 adjusted p = 0.28  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.73



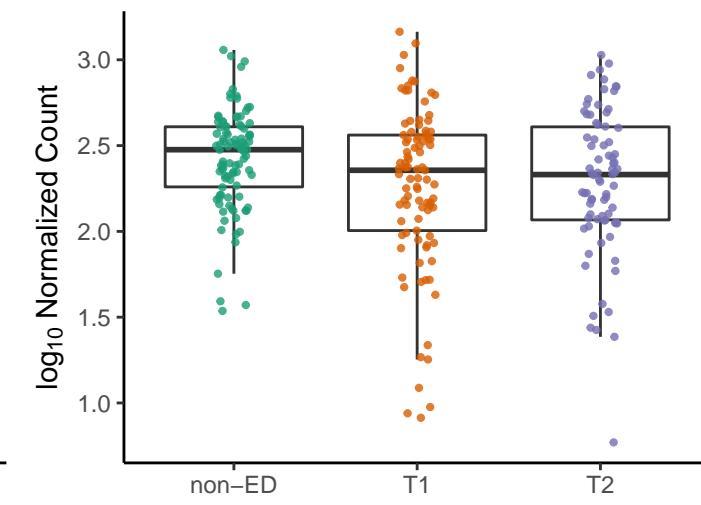
### *Gloeothece citriformis*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.86



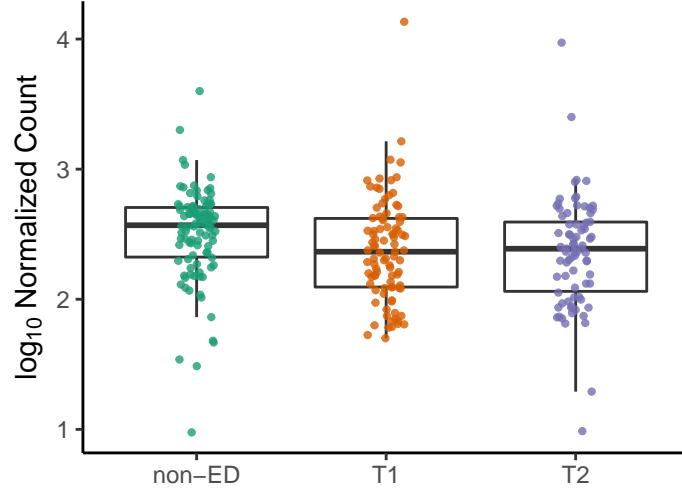
### *Pseudodesulfovibrio aespoensis*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.78



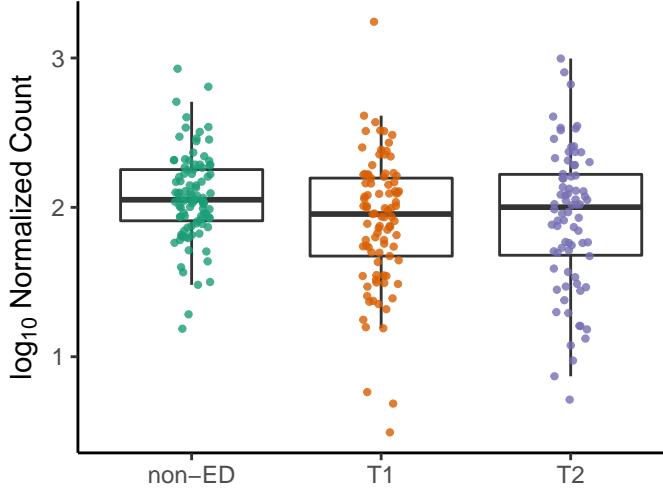
### *Megamonas hypermegale*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.97



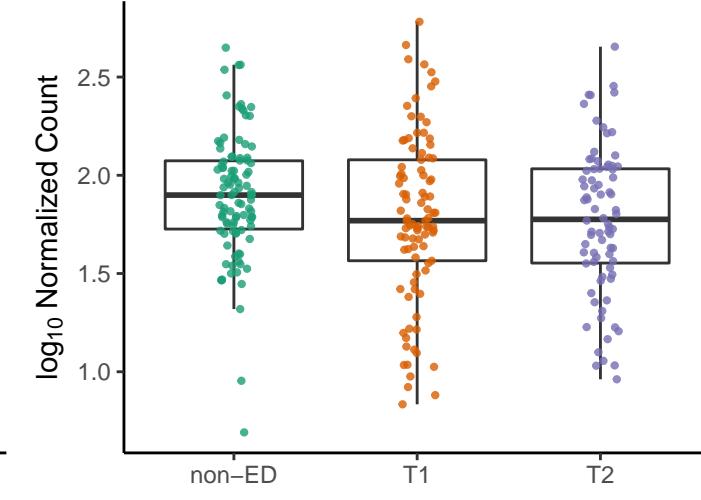
### *Burkholderia glumae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.71



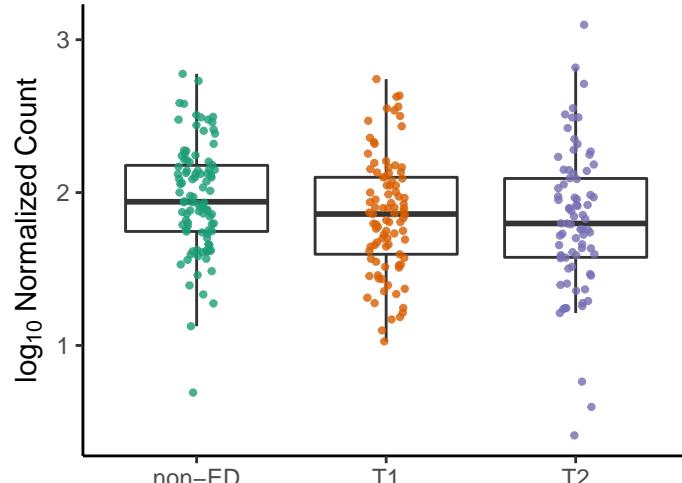
### *Corynebacterium matruchotii*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.96



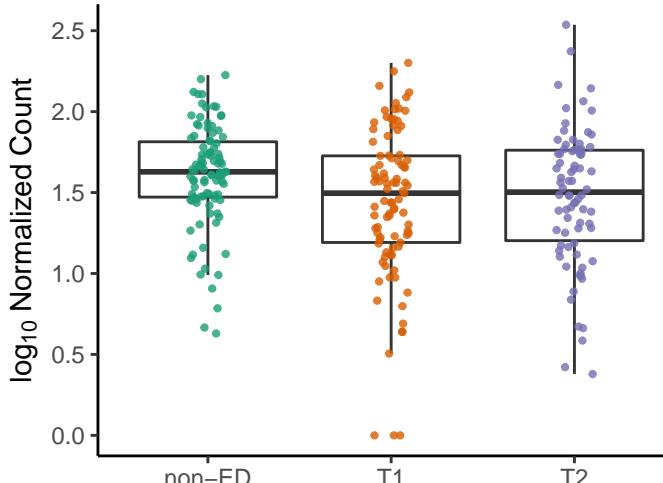
### *Pseudoalteromonas luteoviolacea*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.9



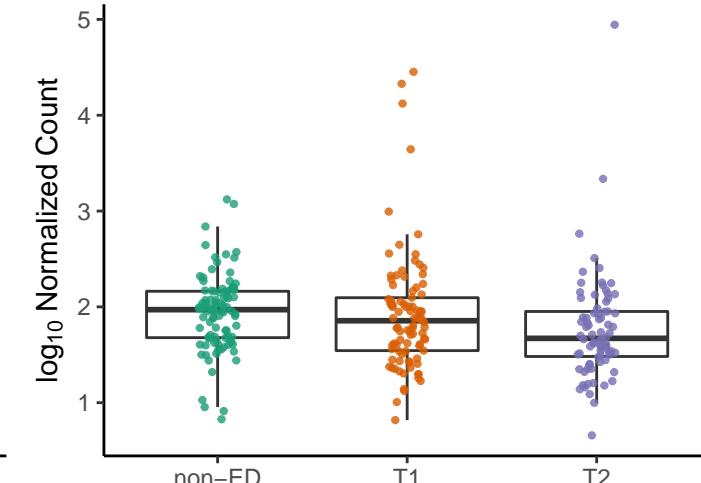
### *Shewanella aestuarii*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.82



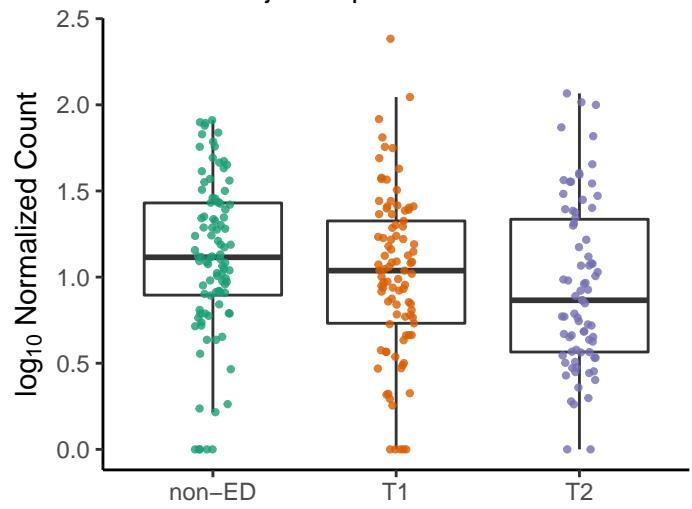
### *Citrobacter amalonaticus*

non-ED vs. T1 adjusted p = 0.89  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.63



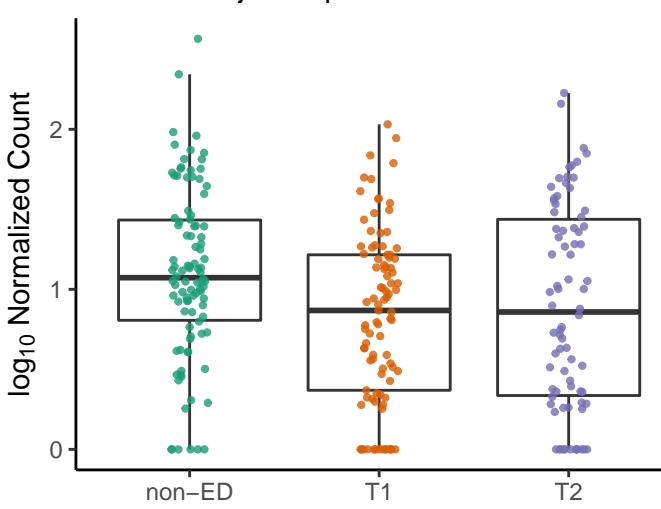
### *Wigglesworthia glossinidia*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.76



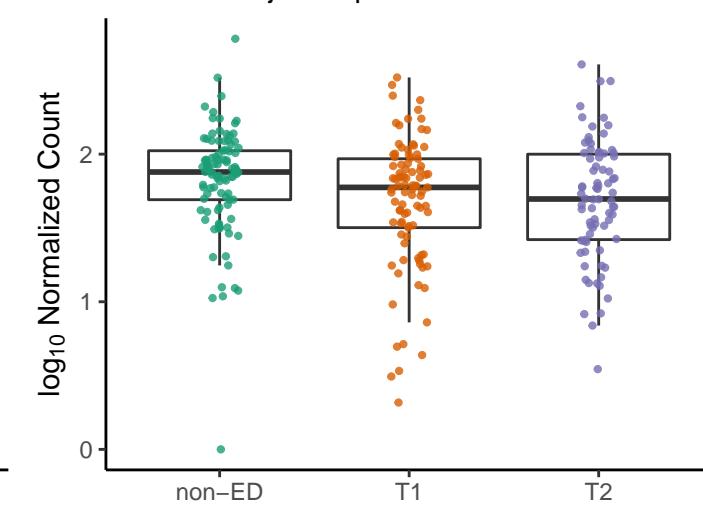
### *Salinivibrio costicola*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.75



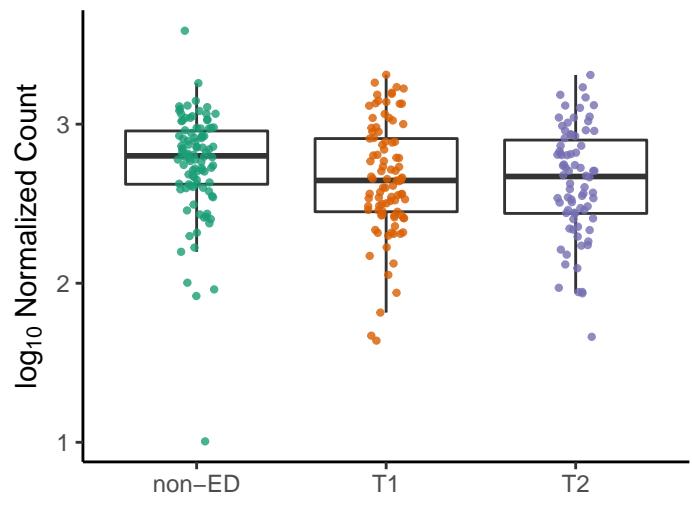
### *Bordetella* sp. HZ20

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.85



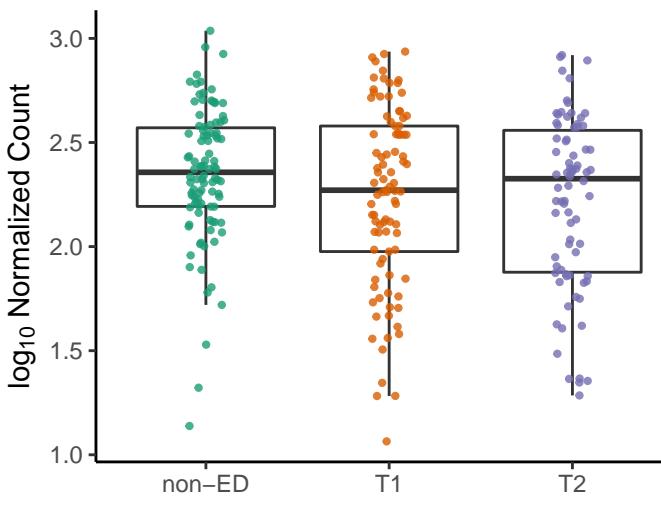
### *Clostridium beijerinckii*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.83



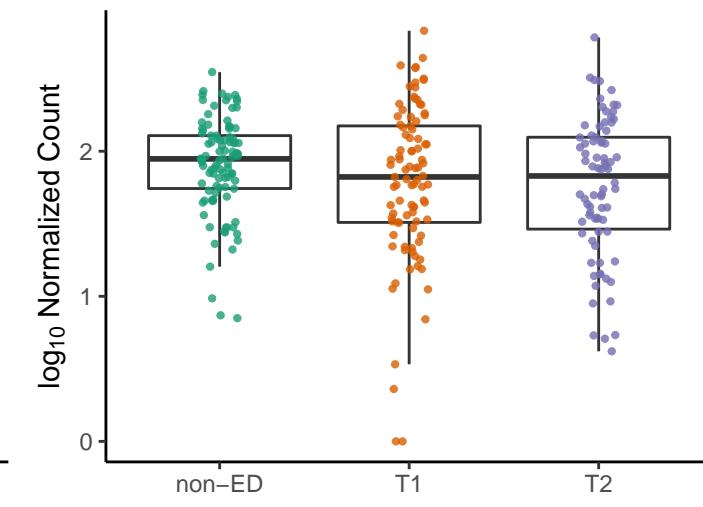
### *Desulfuromonas* sp. DDH964

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.99



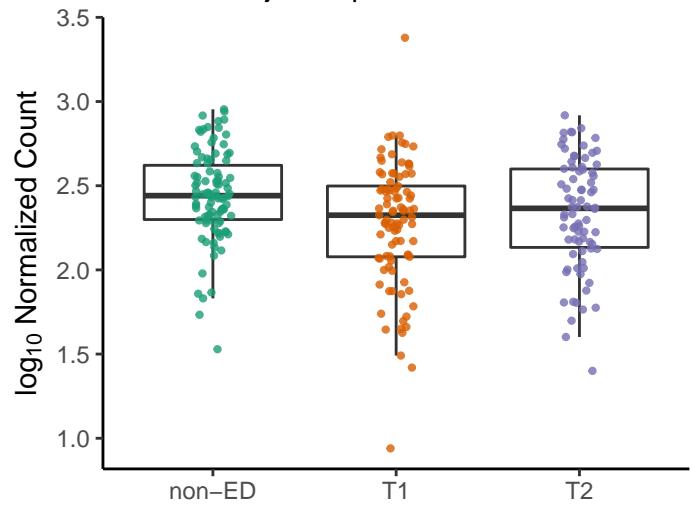
### *Streptomyces* sp. WAC 01529

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 1



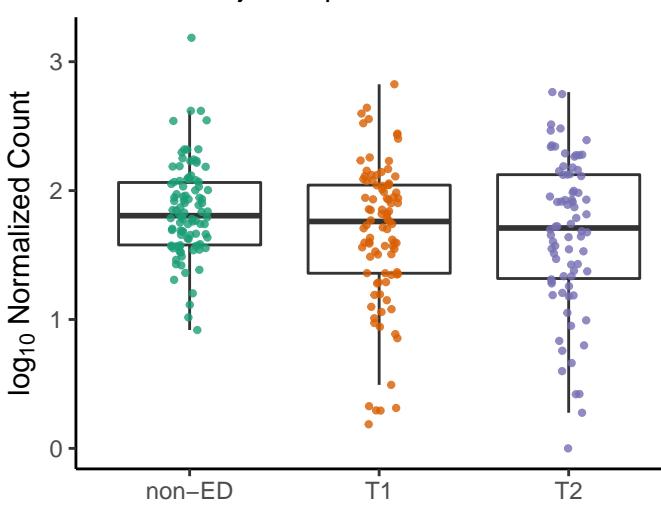
### *Granulibacter bethesdensis*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.55



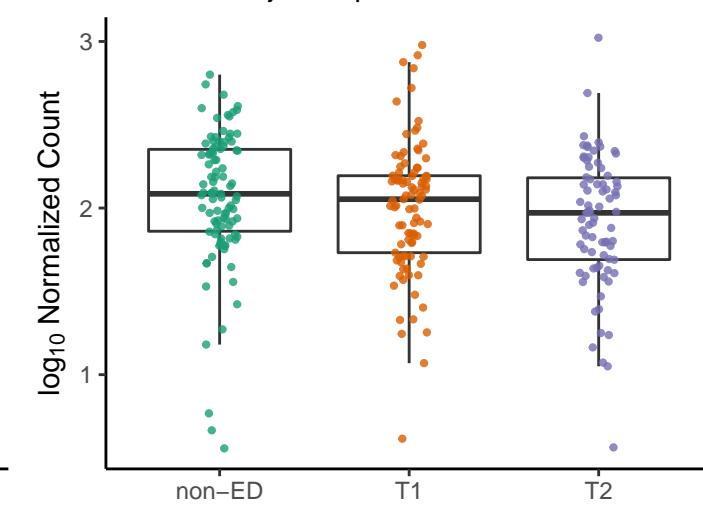
### *Chelatococcus daeguensis*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.8



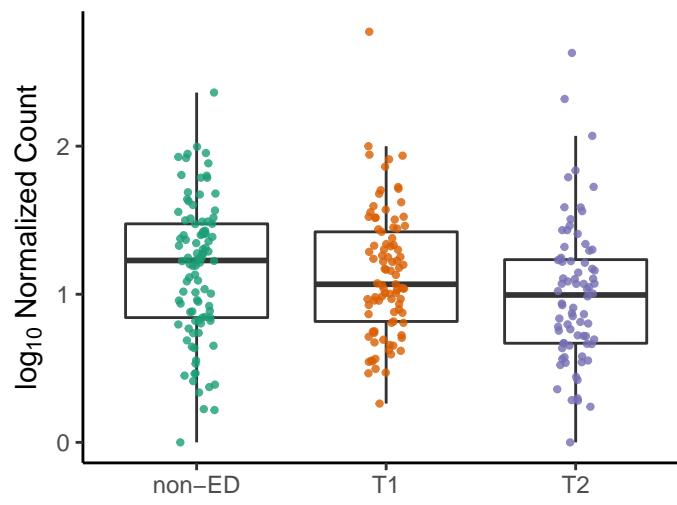
### *Chryseobacterium* sp. T16E-39

non-ED vs. T1 adjusted p = 0.43  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.71



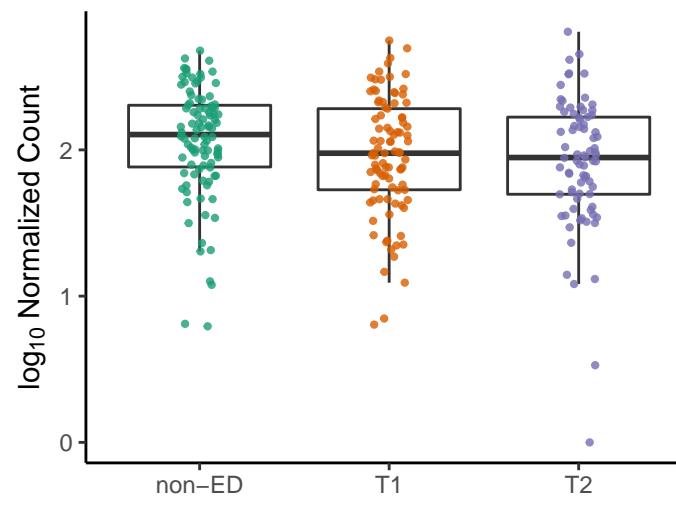
### *Colwellia beringensis*

non-ED vs. T1 adjusted p = 0.7  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.6



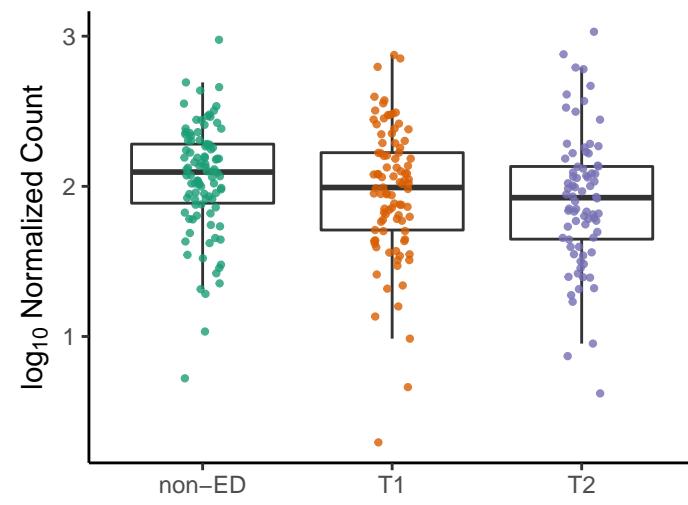
### *Halanaerobium praevalens*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.83



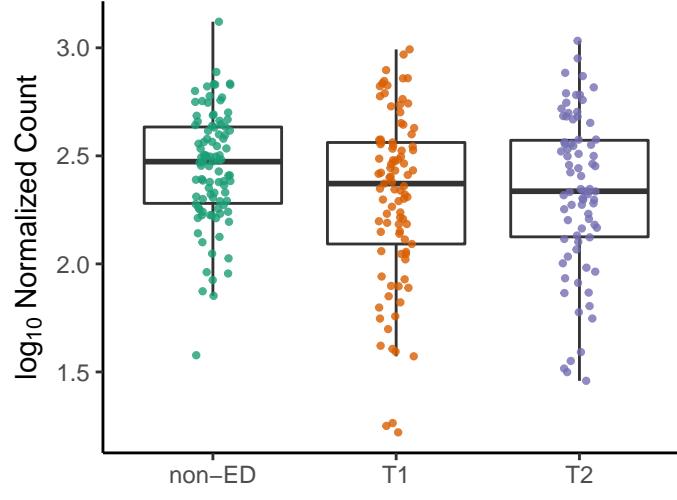
### *Chloracidobacterium thermophilum*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.91



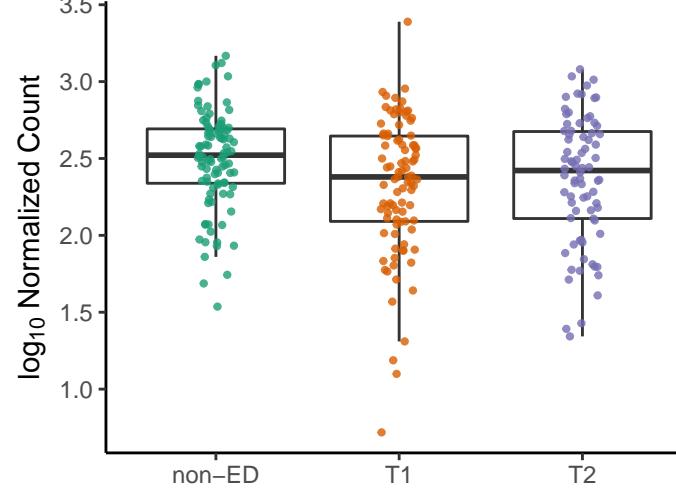
### *Nocardia cyriacigeorgica*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.74



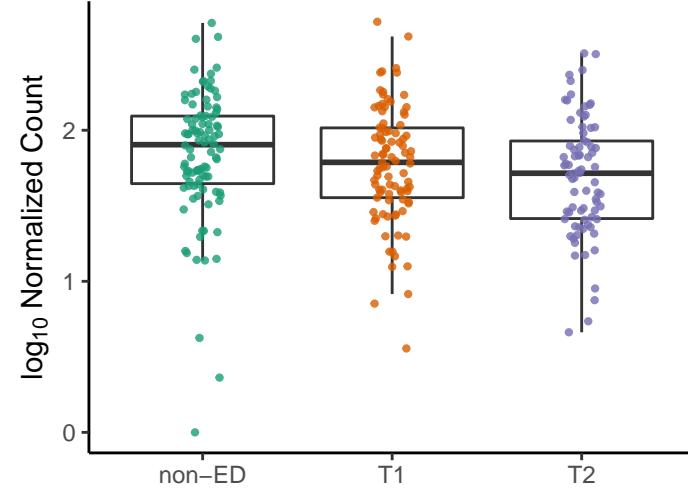
### Unclassified Alcaligenaceae Family

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.7



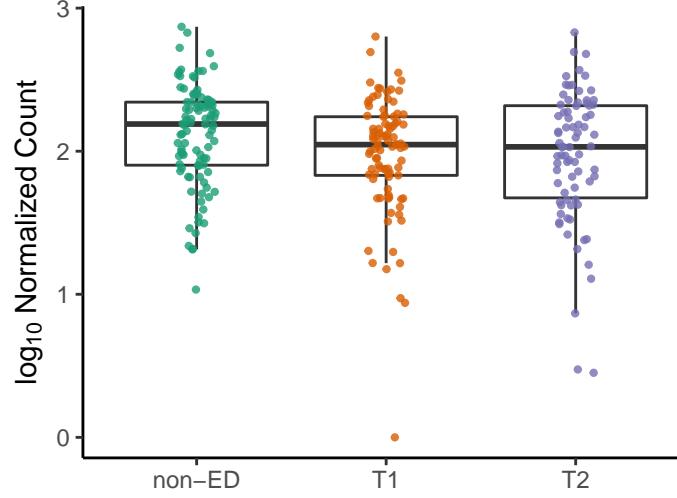
### *Macrococcus caseolyticus*

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.81



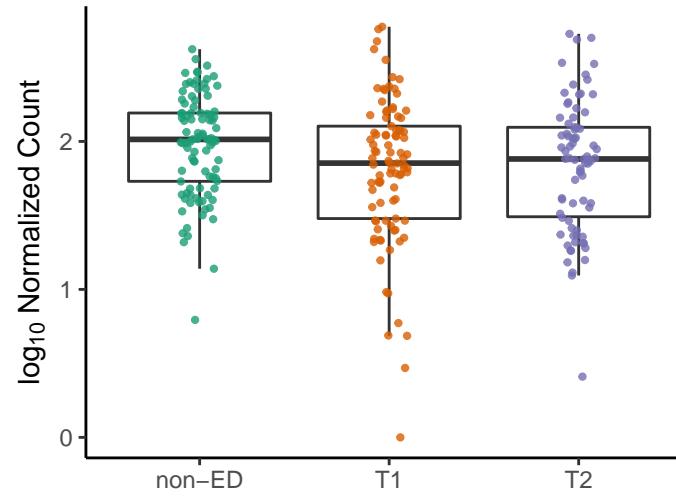
### *Bosea* sp. Tri-49

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.95



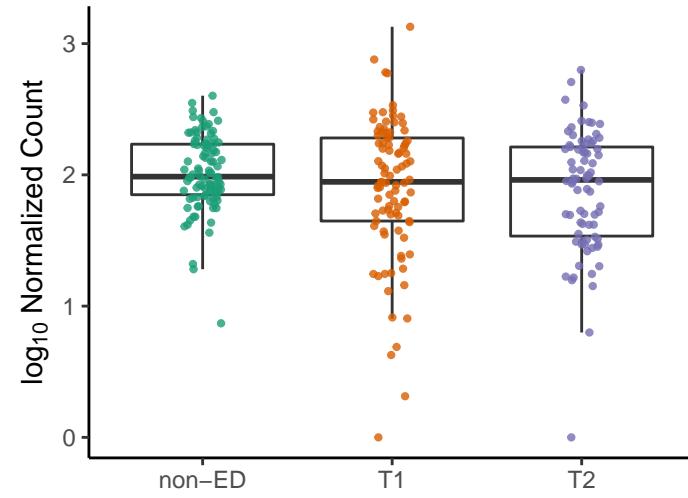
### *Cupriavidus pinatubonensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.77



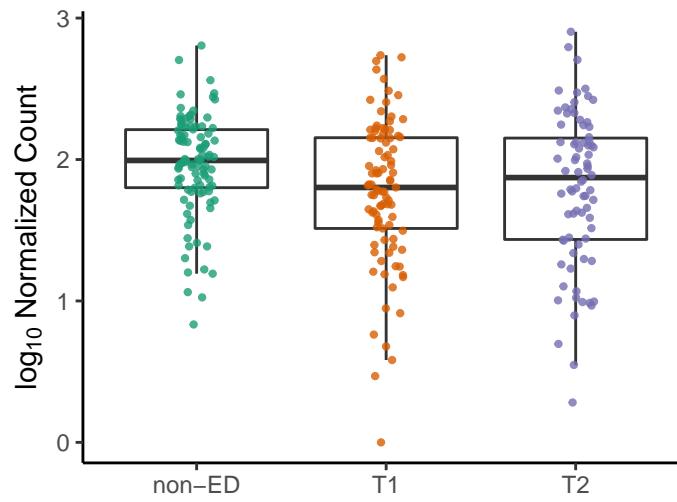
### *Streptomyces nodosus*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.98



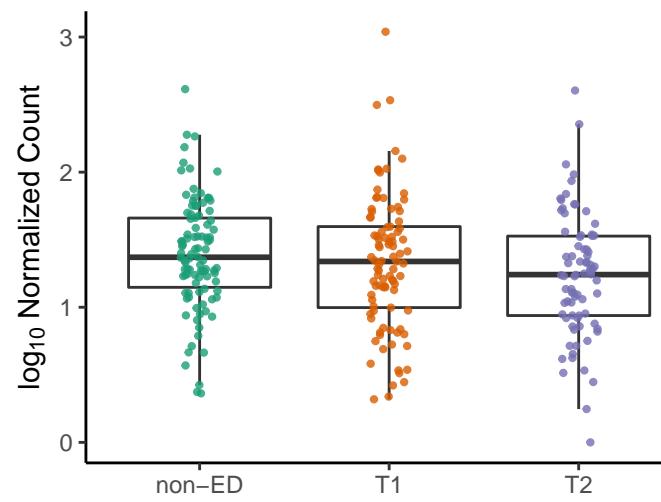
### *Serinicoccus* sp. JLT9

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.79



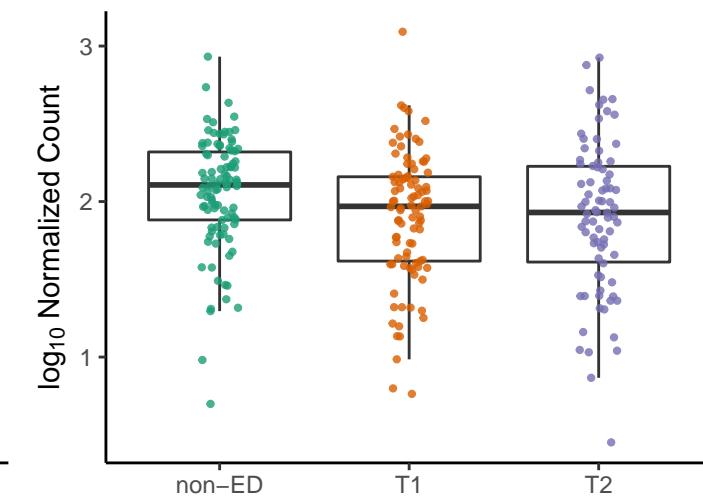
### *Chryseobacterium* nakagawai

non-ED vs. T1 adjusted p = 0.49  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.67



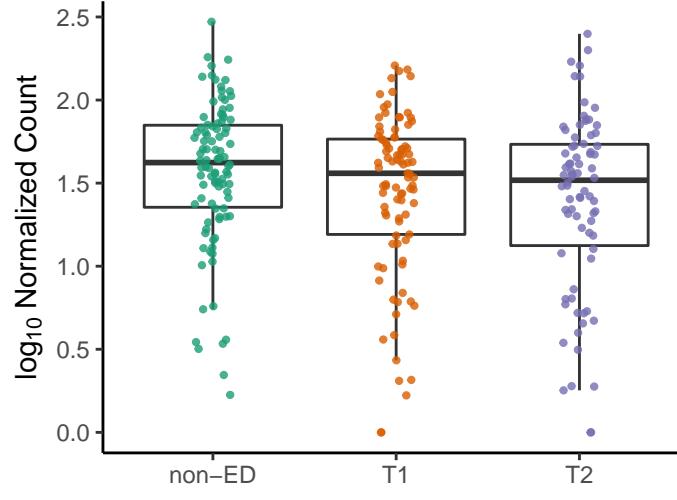
### *Sinorhizobium* sp. RAC02

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.96



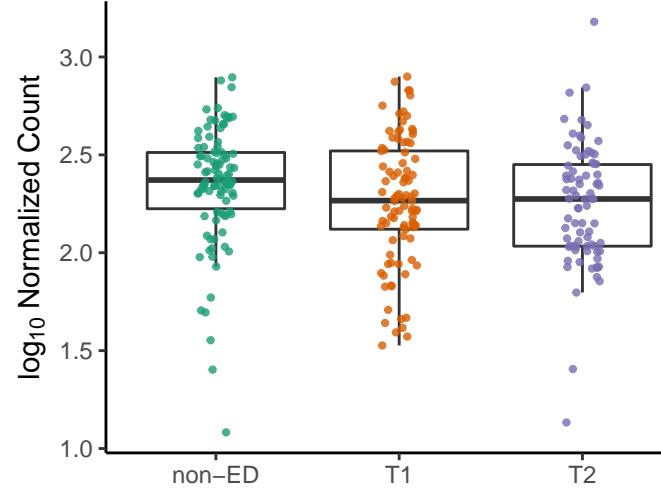
### *Nonlabens* sp. Hel1\_33\_55

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.71



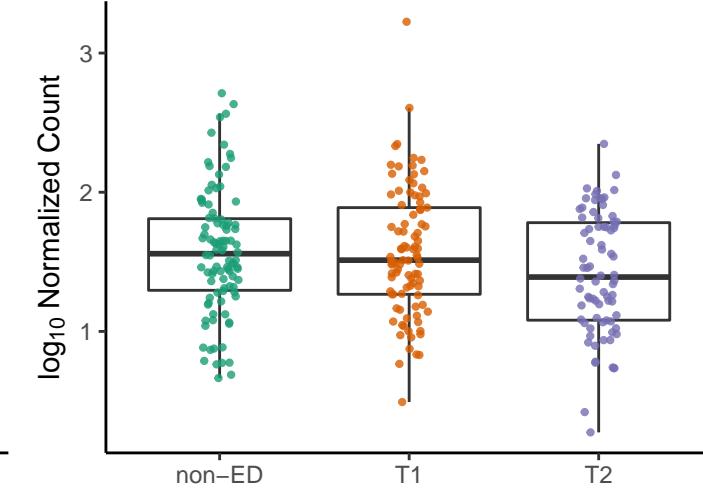
### Unclassified Anoxybacillus Genus

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.98



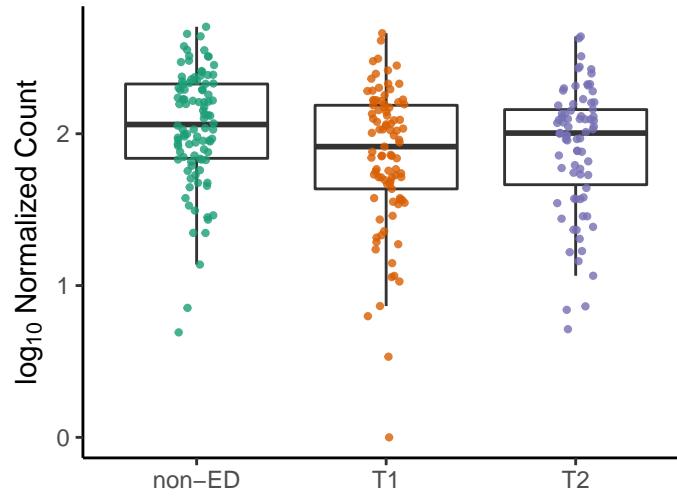
### *Cronobacter* condimenti

non-ED vs. T1 adjusted p = 0.99  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.66



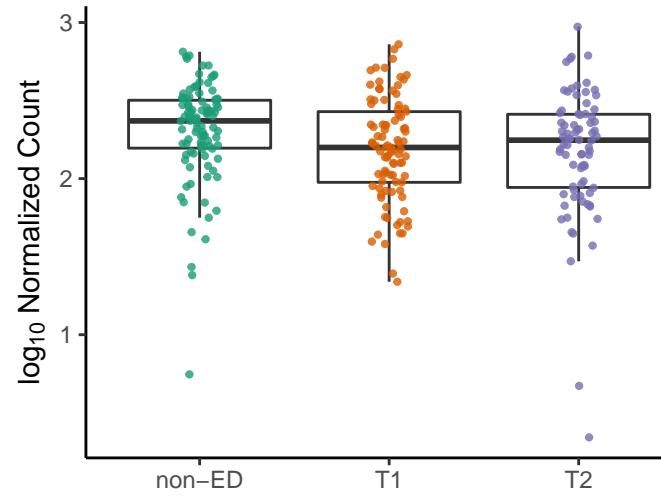
### *Arachidicoccus* sp. BS20

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.74



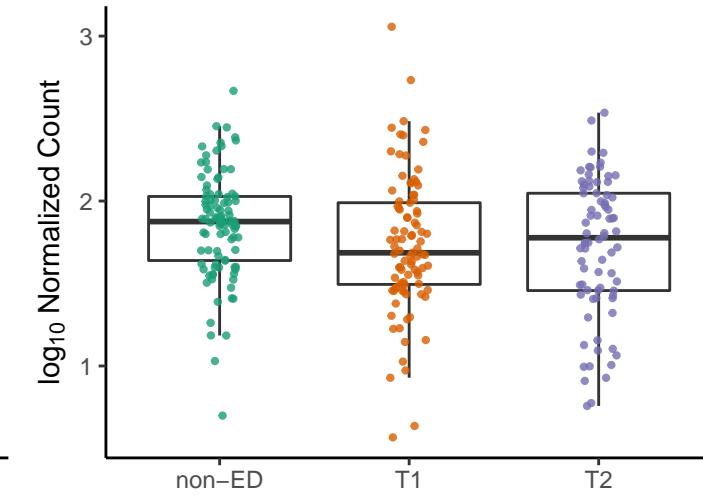
### *Anaerococcus* prevotii

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.93

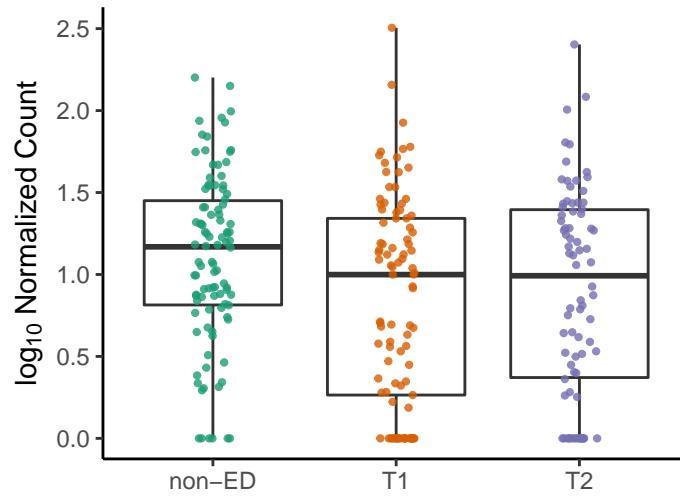


### *Corynebacterium* camporealensis

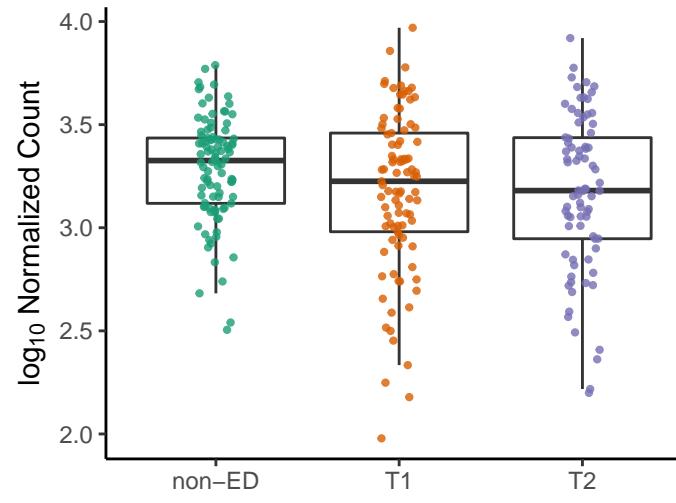
non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.97



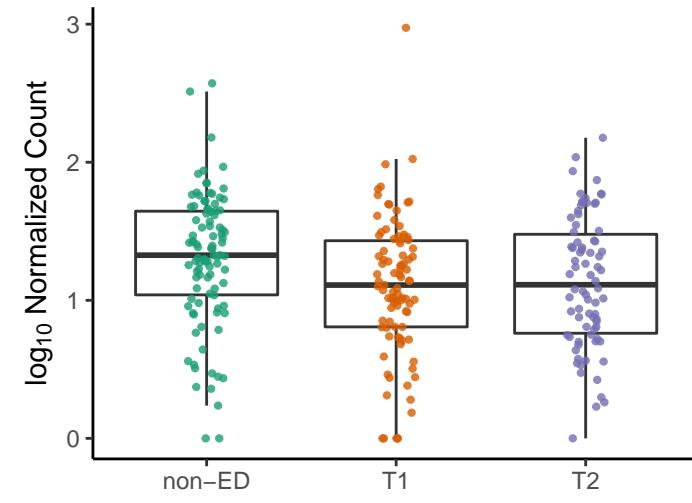
**Ralstonia pseudosolanacearum**  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.8



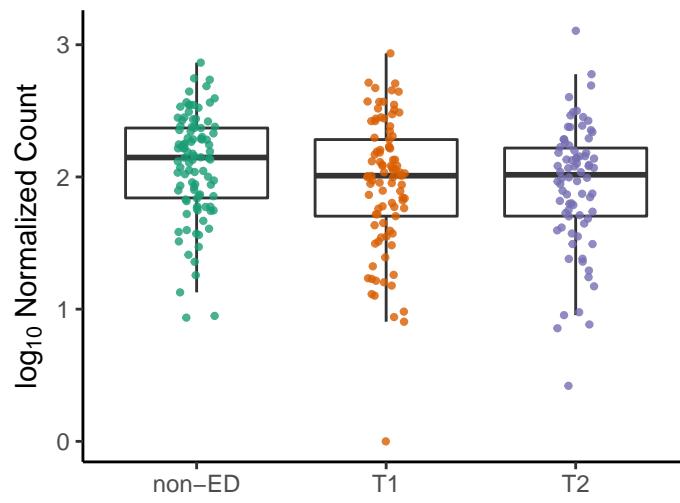
**Unclassified Burkholderiales Order**  
non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.91



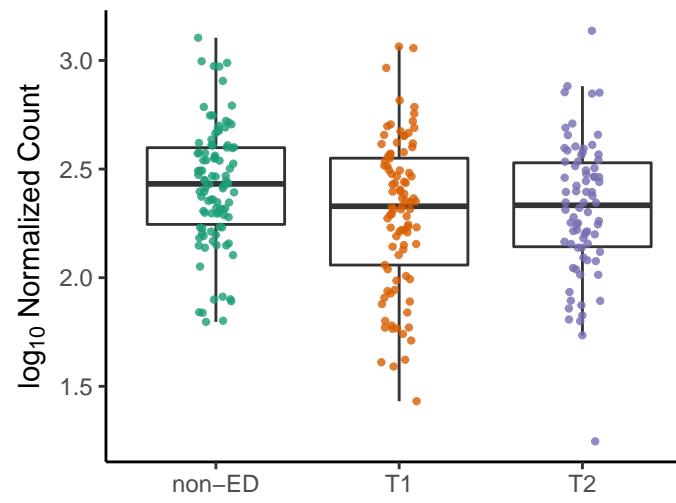
**Sodalis endosymbiont of Henestaris halophila**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



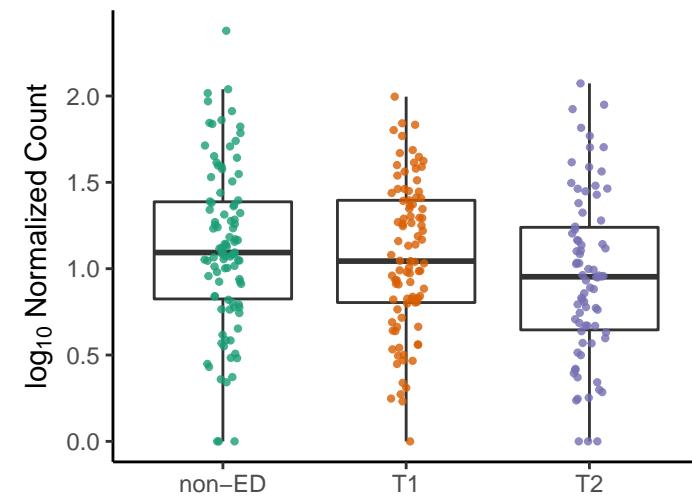
**Bradyomonas sediminis**  
non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.95



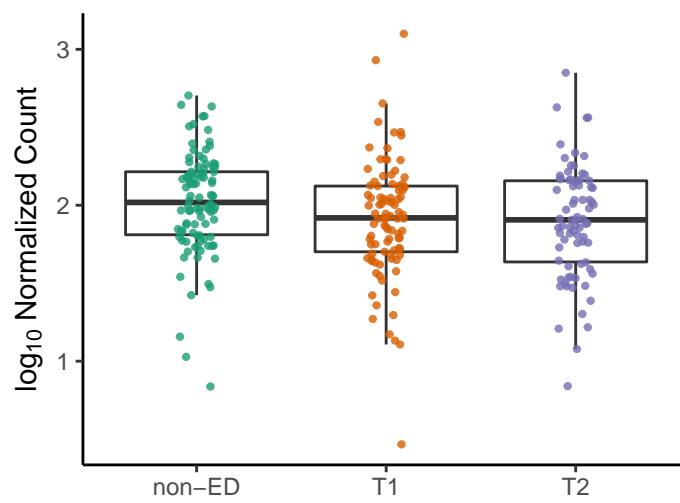
**Brevibacillus agri**  
non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.75



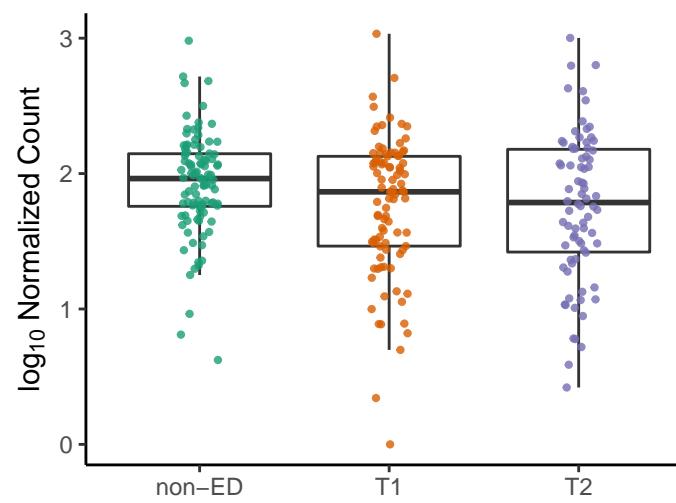
**Entomoplasma freundtii**  
non-ED vs. T1 adjusted p = 0.53  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.57



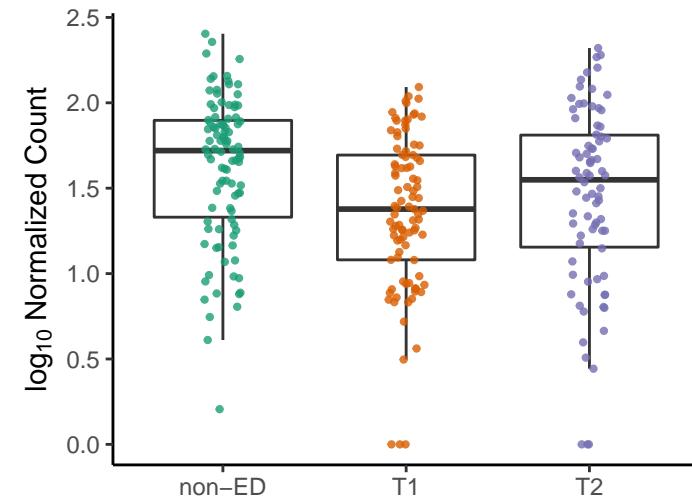
**Methanocorpusculum labreanum**  
non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.99



**Mycolicibacterium gilvum**  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.88

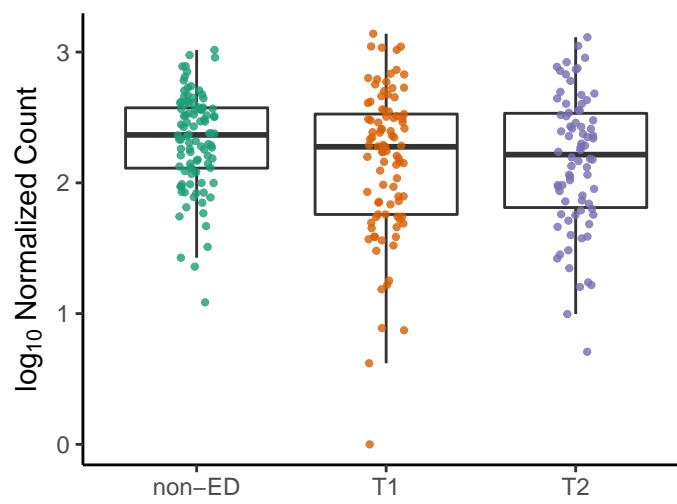


**Tatlockia micdadei**  
non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.76



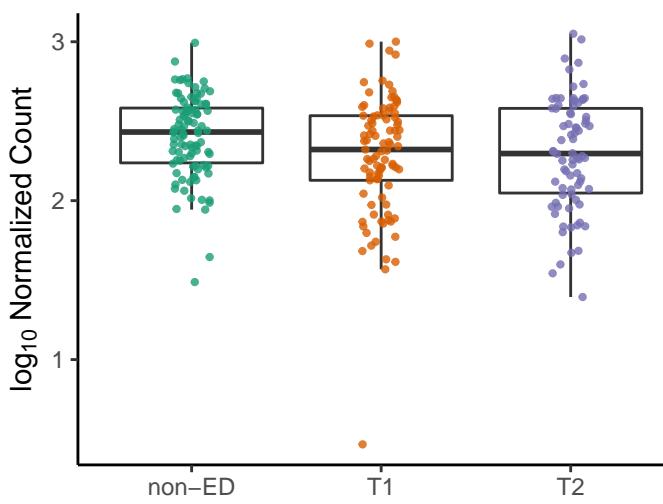
### Unclassified Actinosynnema Genus

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



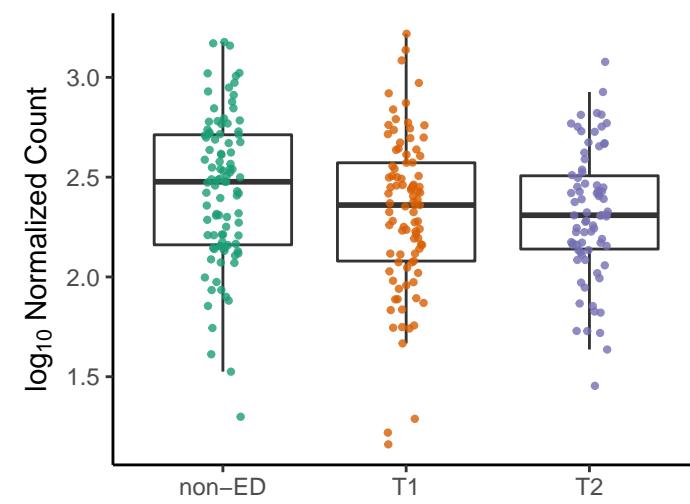
### Unclassified Paraburkholderia Genus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.8



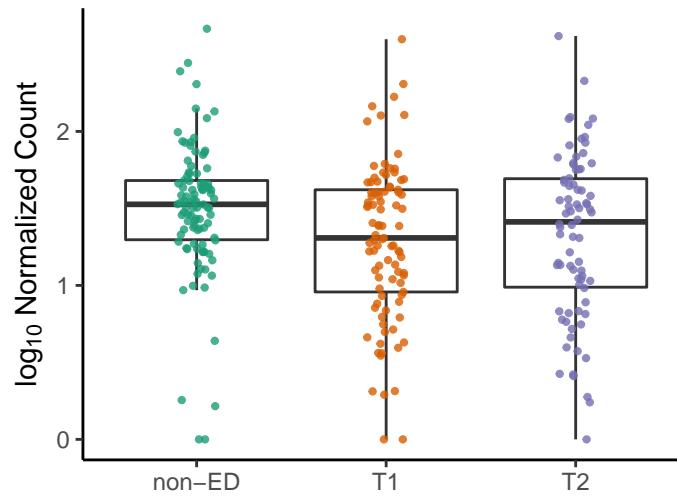
### Corynebacterium sp. NML98–0116

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.92



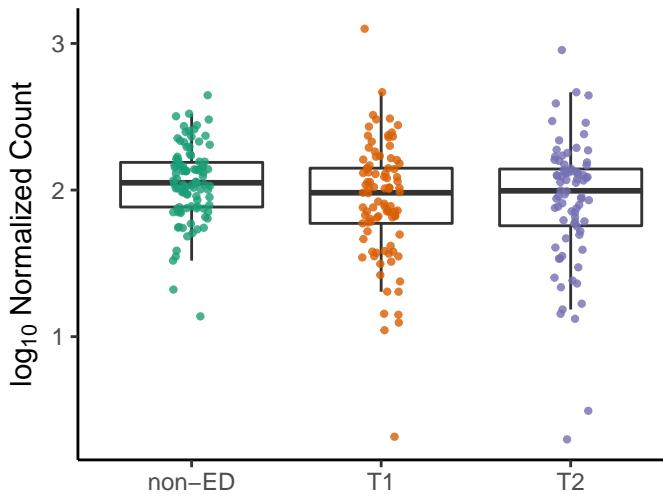
### Marivivens sp. JLT3646

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.77



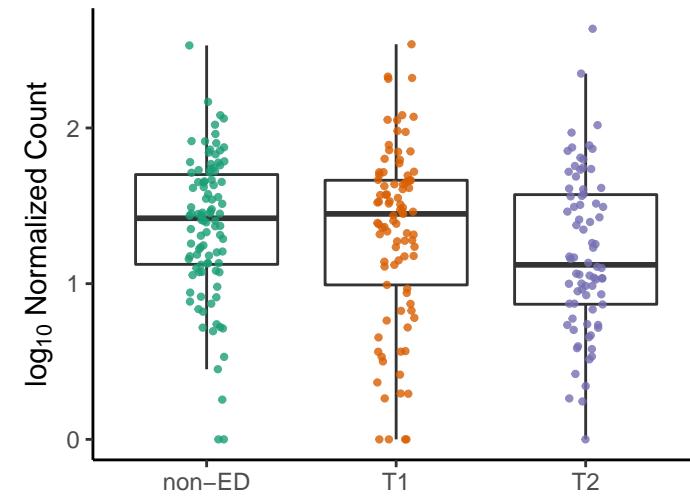
### Planococcus sp. MB-3u-03

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.99



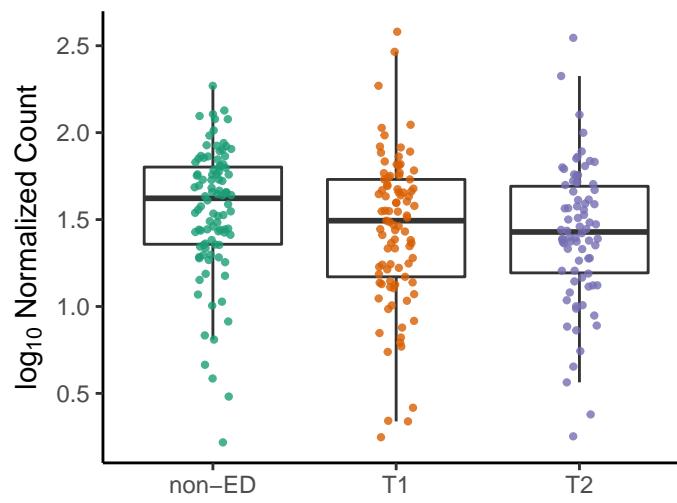
### Unclassified Oceanospirillales Order

non-ED vs. T1 adjusted p = 0.67  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.68



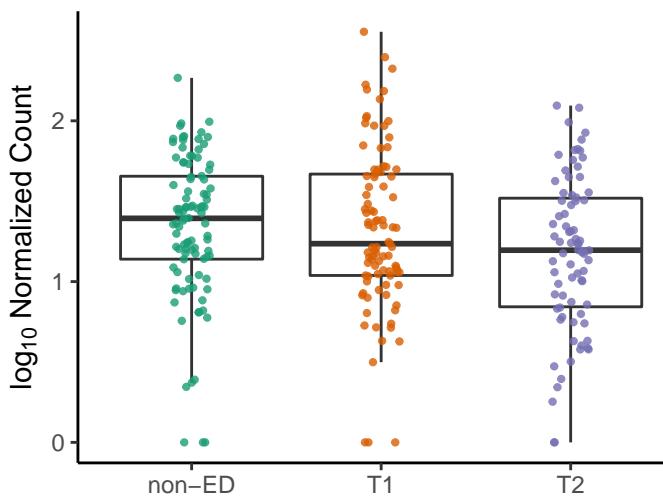
### Chryseobacterium sp. SNU WT5

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.84



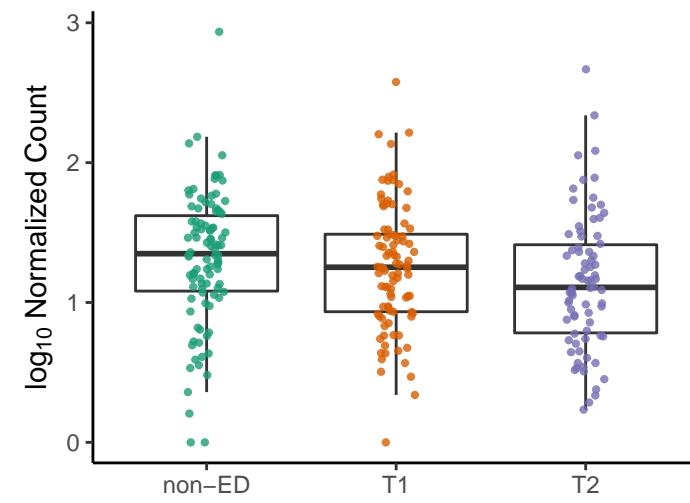
### Entomoplasma luminosum

non-ED vs. T1 adjusted p = 0.87  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.54



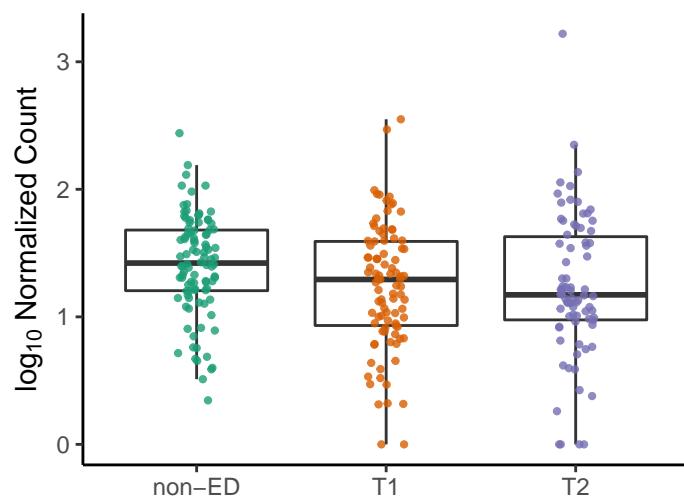
### Helicobacter canadensis

non-ED vs. T1 adjusted p = 0.49  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.67



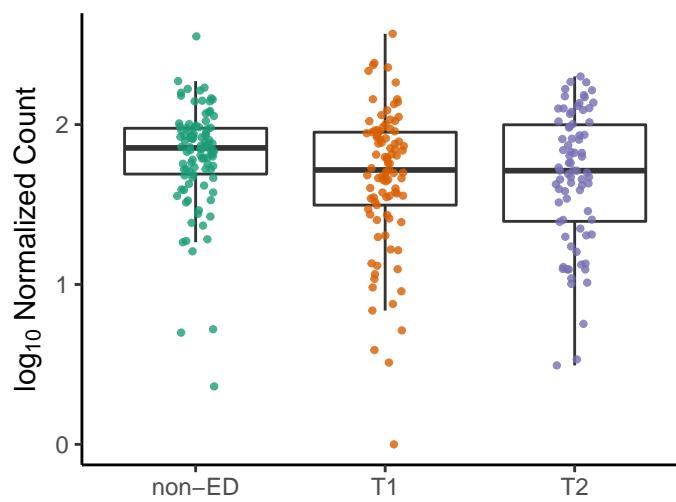
### *Methylomicrobium buryatense*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.99



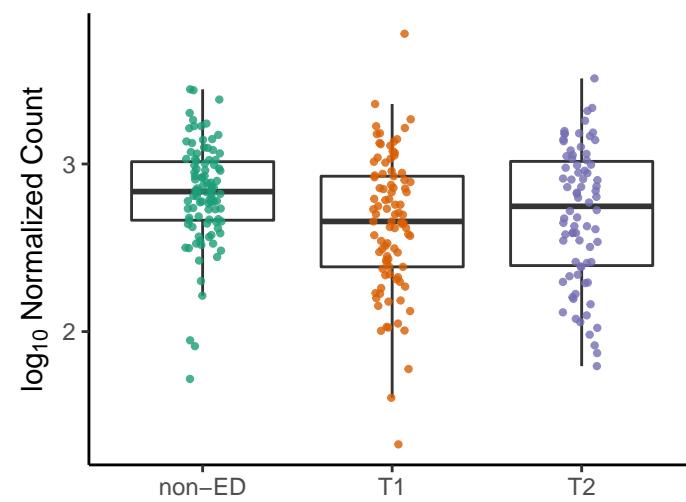
### *Planctomycetes bacterium Pan161*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.82



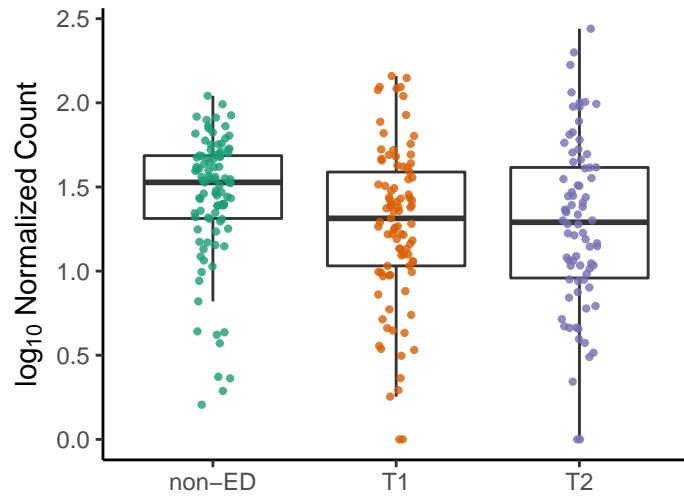
### *Variovorax paradoxus*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.64



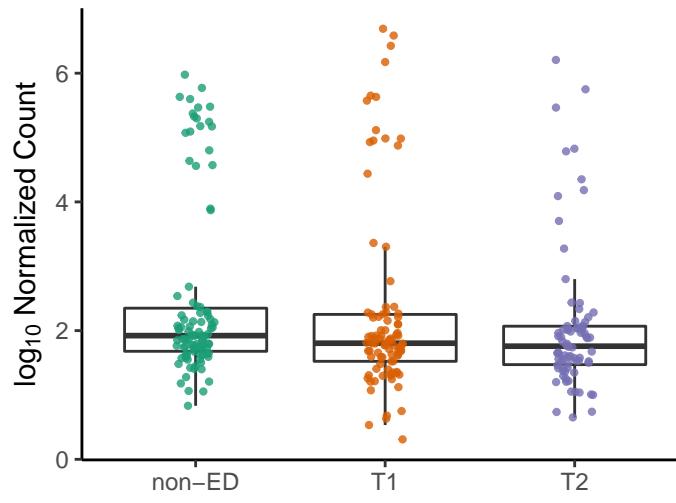
### *Campylobacter armoricus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.89



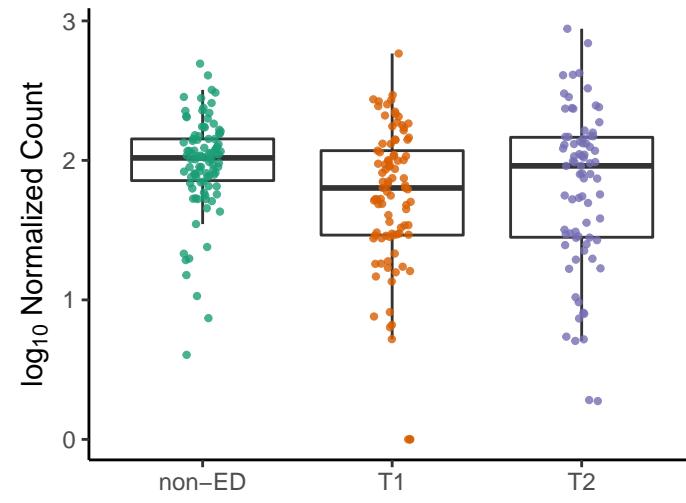
### *Methanobrevibacter smithii*

non-ED vs. T1 adjusted p = 0.47  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.7



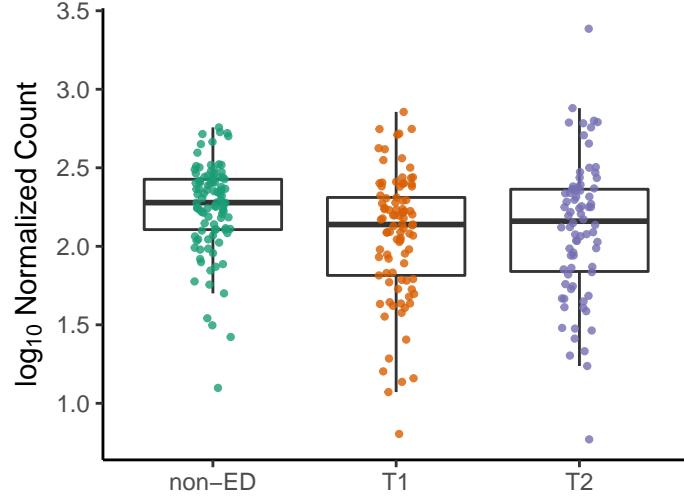
### *Serpentinomonas mccroryi*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.72



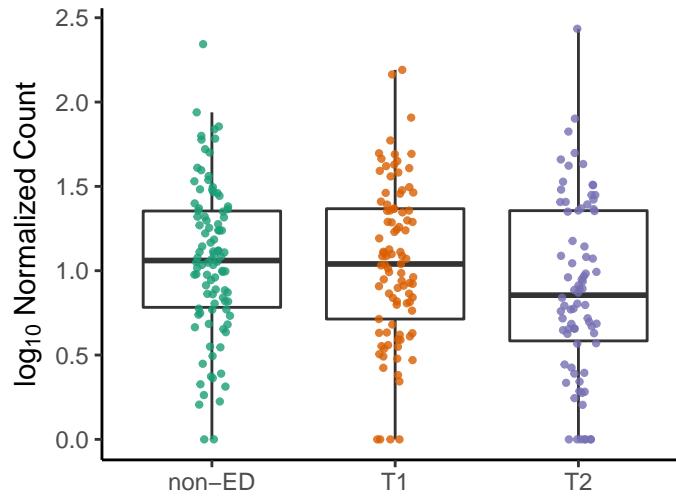
### *Aspergillus oryzae*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.73



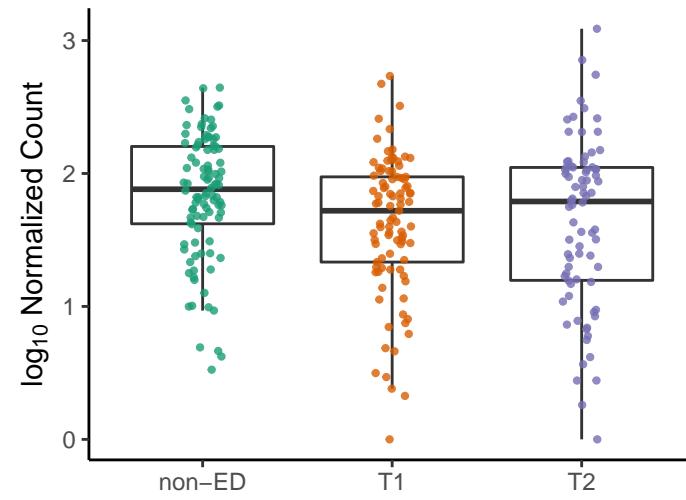
### *Candidatus Nanopelagicus limnes*

non-ED vs. T1 adjusted p = 0.89  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.56



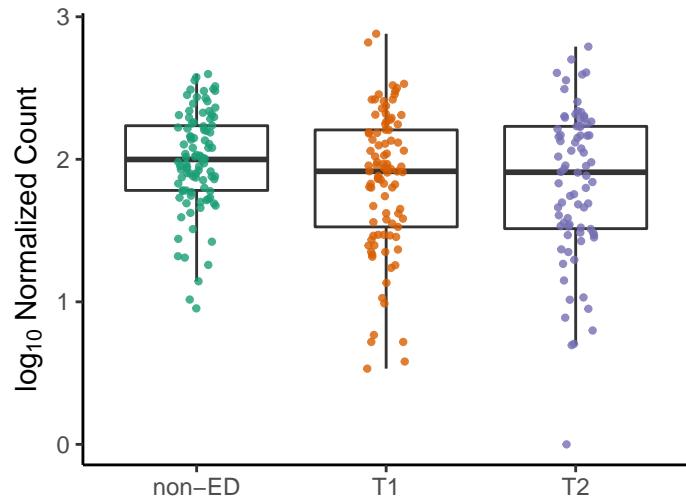
### *Methylobacterium sp. AMS5*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.79



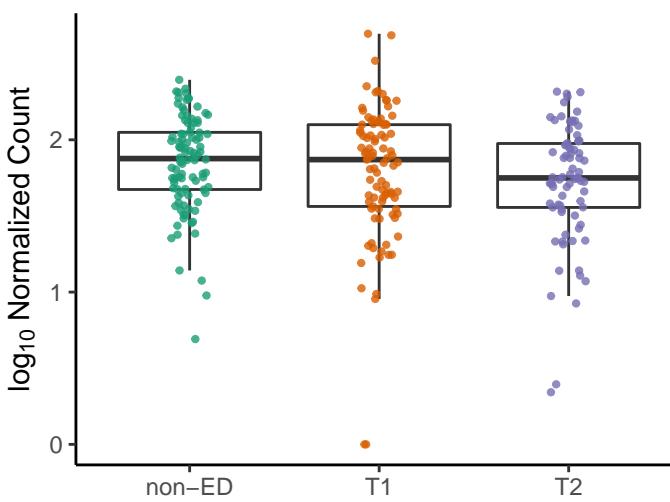
### *Streptomyces vietnamensis*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.95



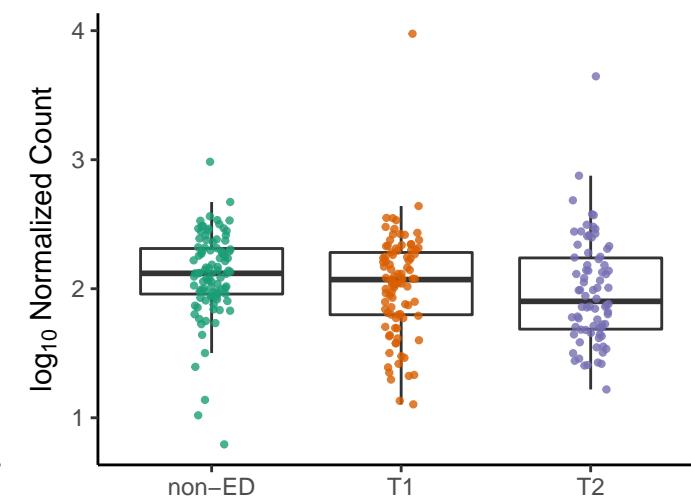
### *Caldicellulosiruptor owensensis*

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.76



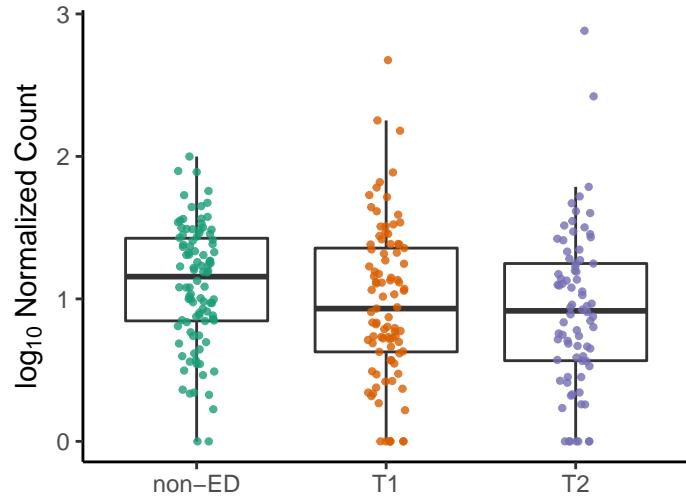
### *Lactobacillus amylovorus*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.77



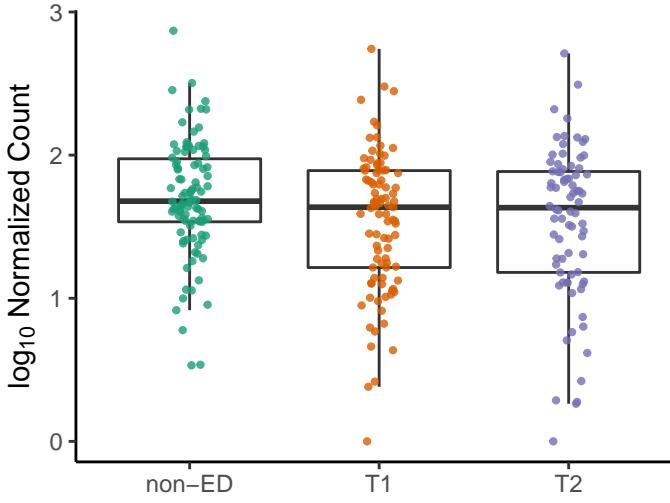
### *Sulfuracidifex tepidarius*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.83



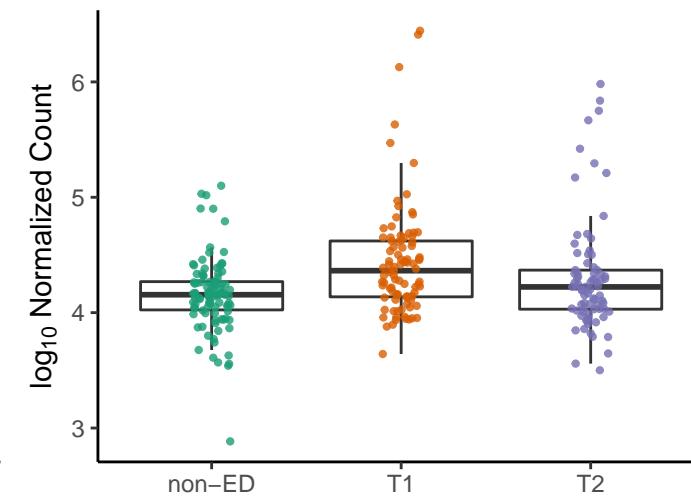
### *Erythrobacter sp. KY5*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.8



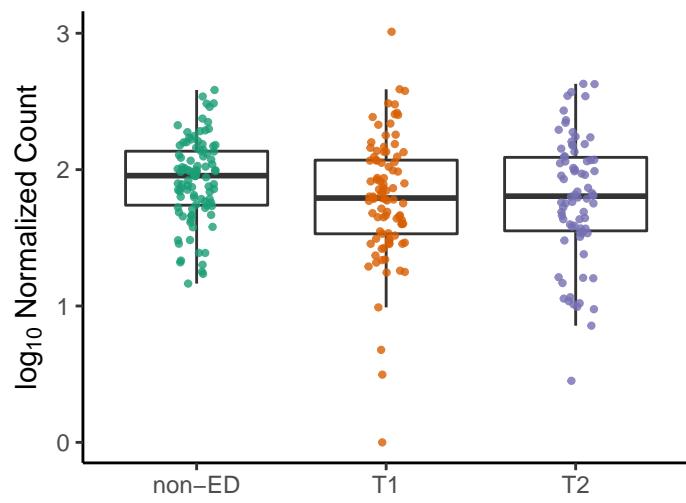
### *Lachnoclostridium sp. YL32*

non-ED vs. T1 adjusted p = 0.00041  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.23



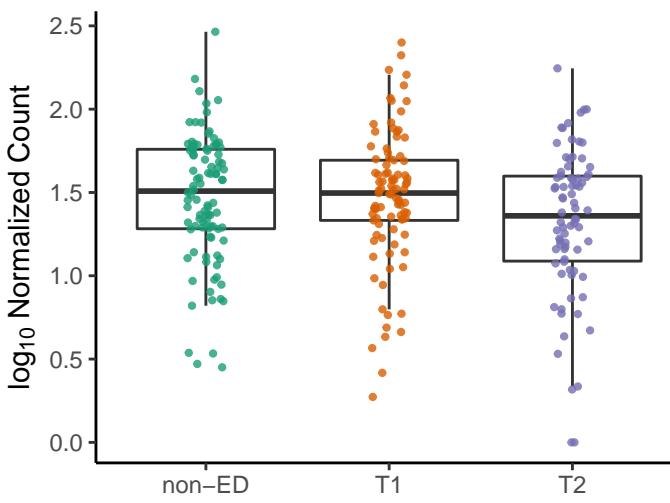
### *Yangia sp. CCB-MM3*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.98



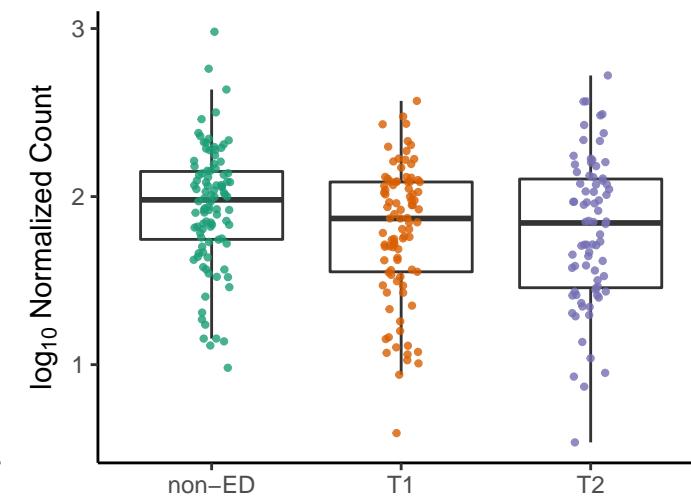
### *Paenacaligenes hominis*

non-ED vs. T1 adjusted p = 0.97  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.51



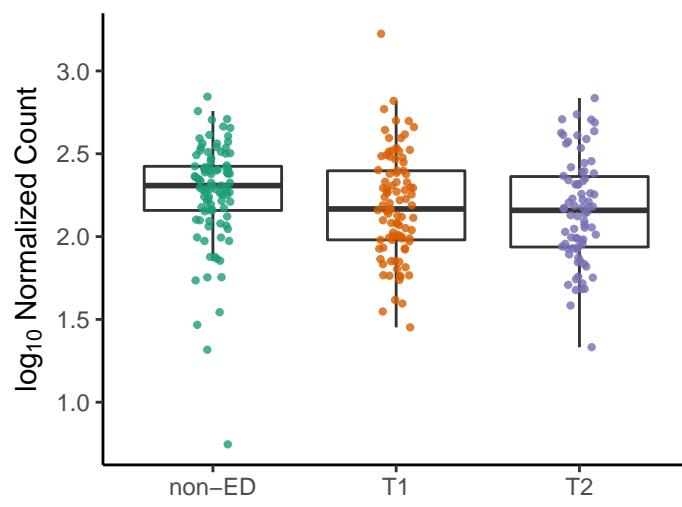
### *Pseudomonas fulva*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.84



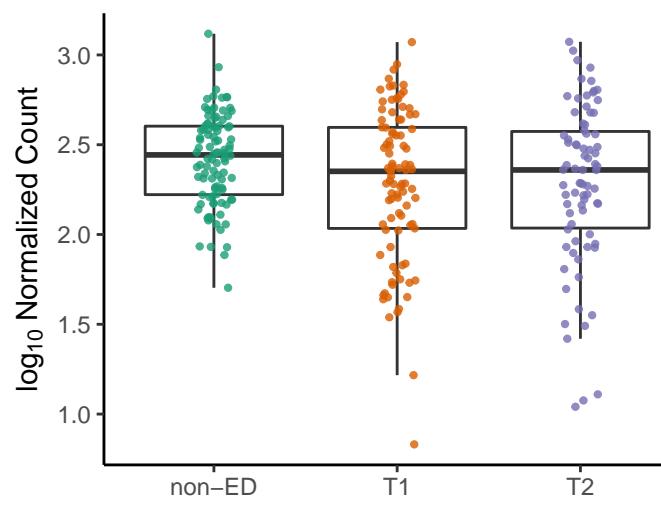
### *Paenibacillus psychroresistens*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.86



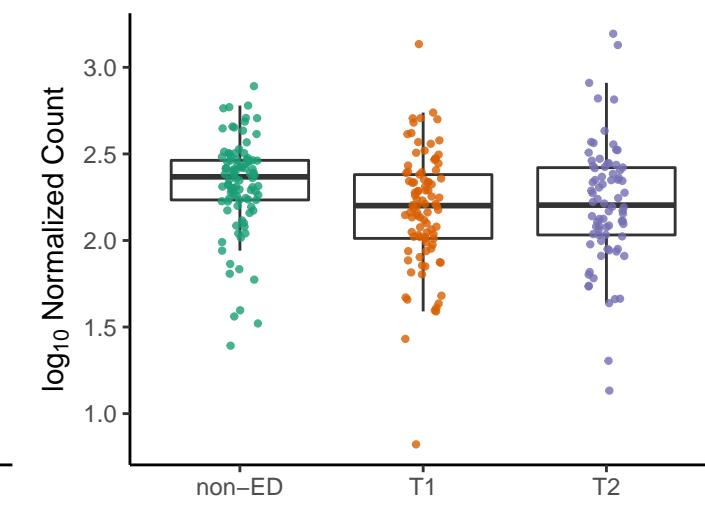
### *Geobacter sp. M18*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.83



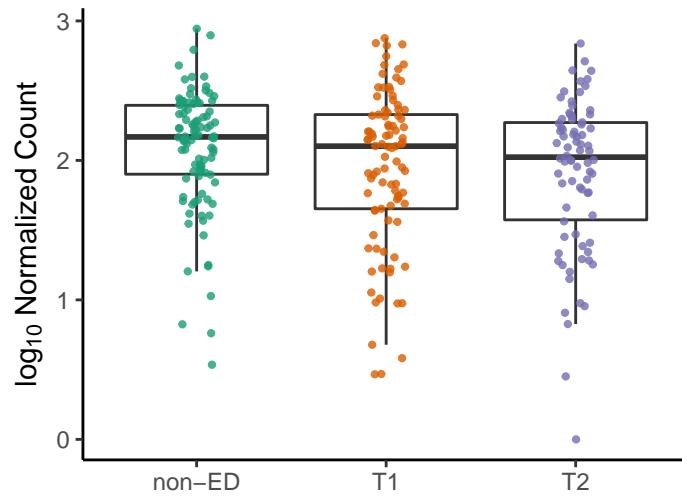
### *Bacillus jeotgali*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.77



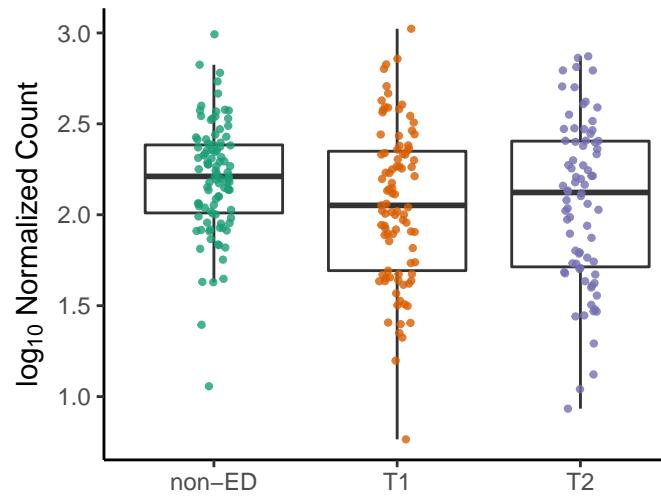
### Unclassified Thermaerobacter Genus

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.99



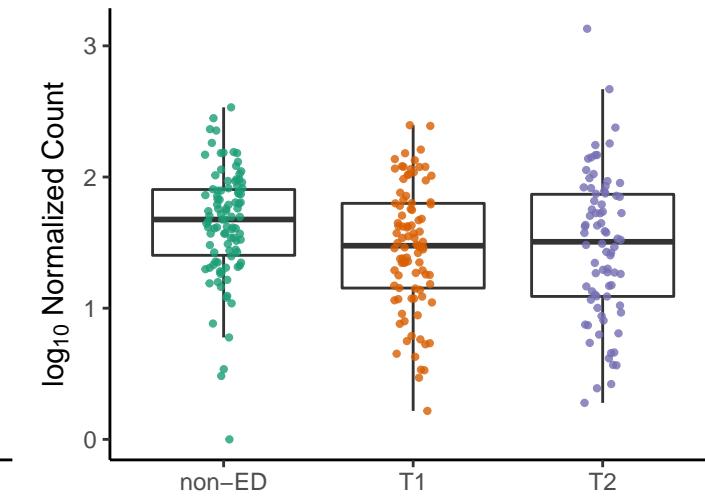
### *Acidihalobacter prosperus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.78



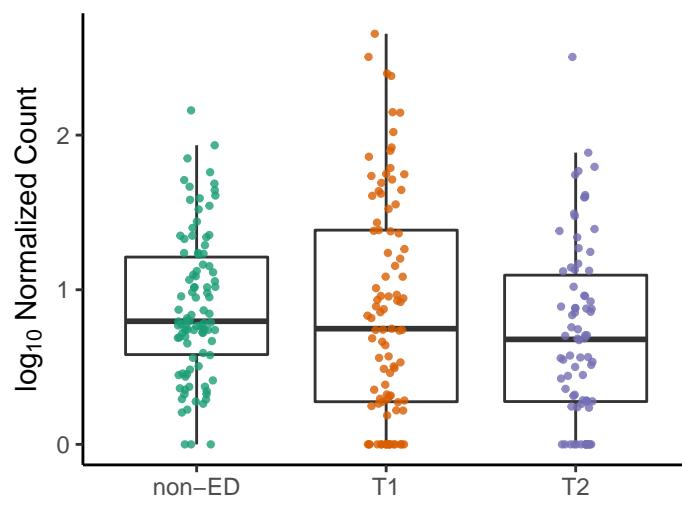
### *Paraphotobacterium marinum*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.91



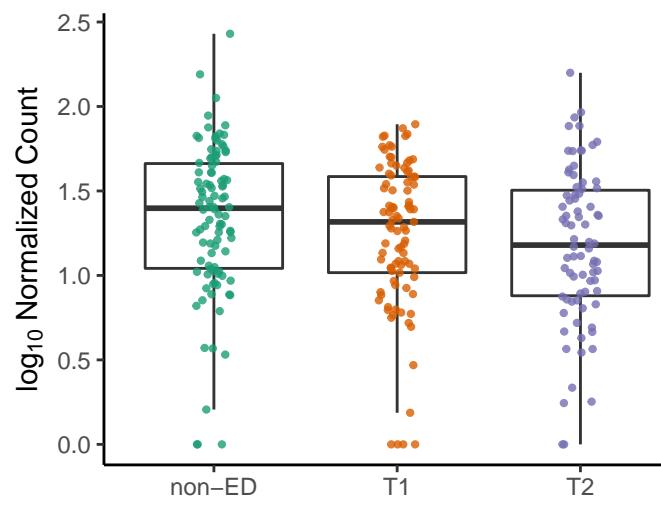
### Unclassified Sordariomycetes Class

non-ED vs. T1 adjusted p = 0.88  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.61



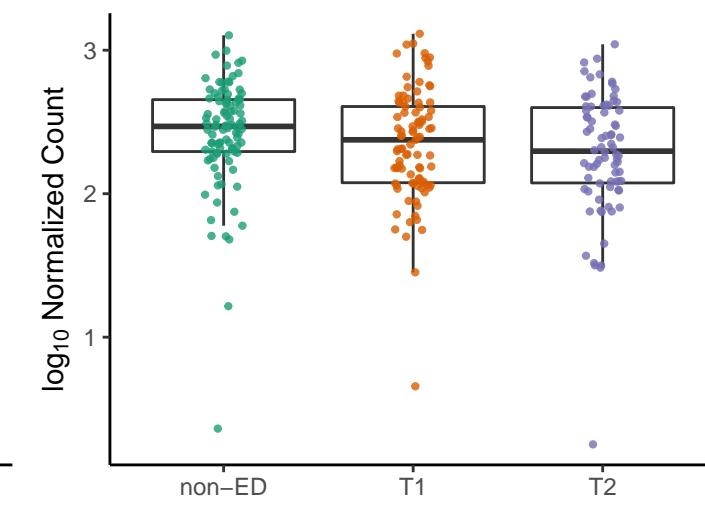
### *Candidatus Enterovibrio luxaltus*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.68



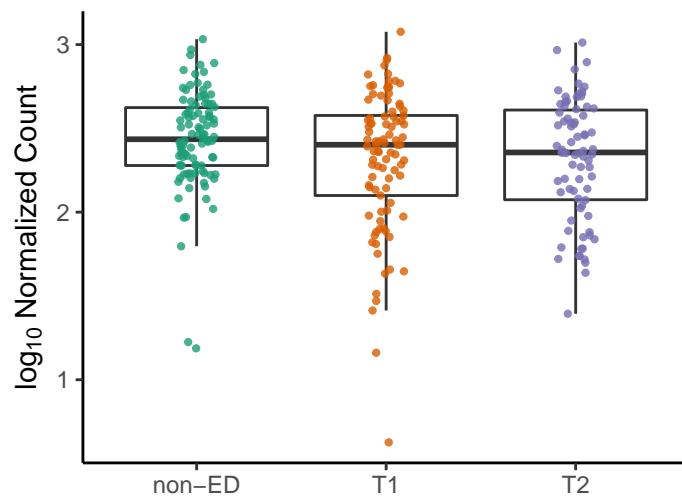
### *Clostridium carboxidivorans*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



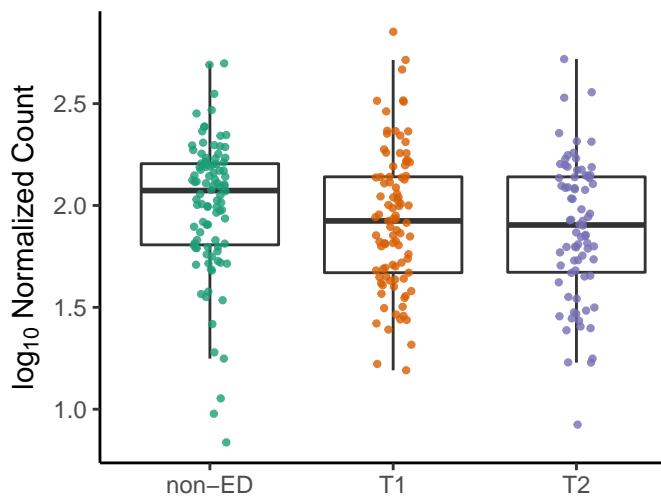
### *Pelobacter propionicus*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.84



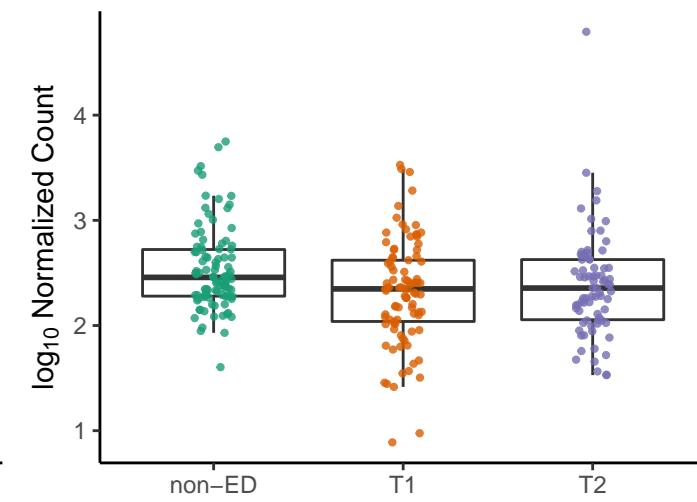
### *Proteus mirabilis*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.95



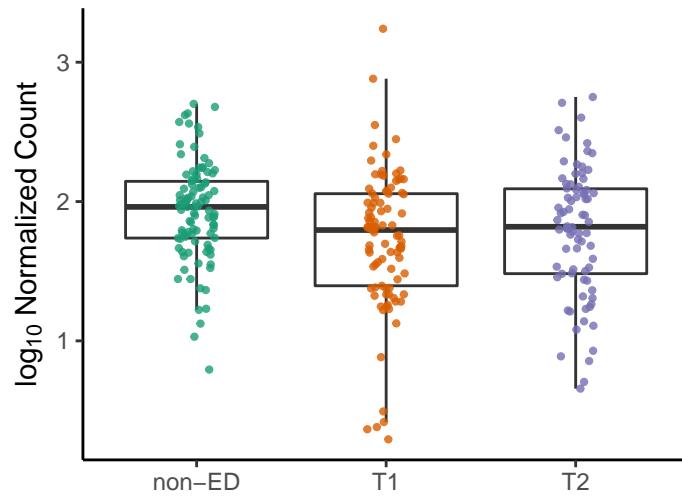
### *Pseudopropionibacterium propionicum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.67



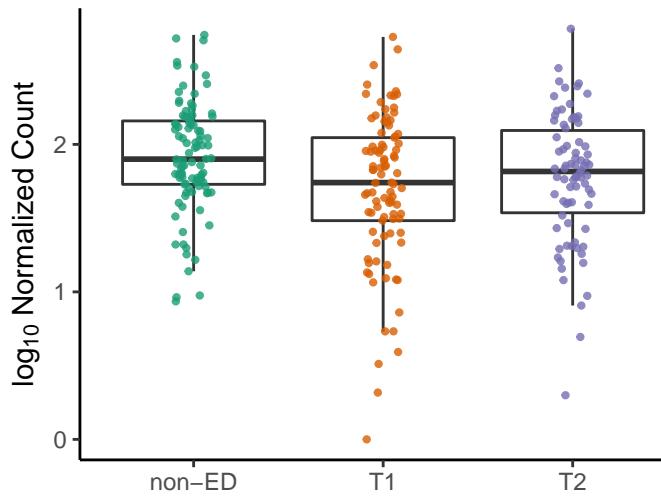
### *Rhodococcus* sp. ABRD24

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.63



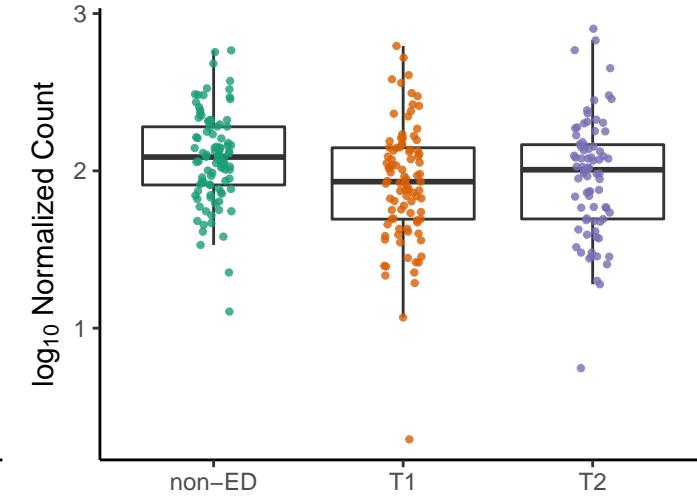
### *Rhodococcus* sp. WAY2

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.57



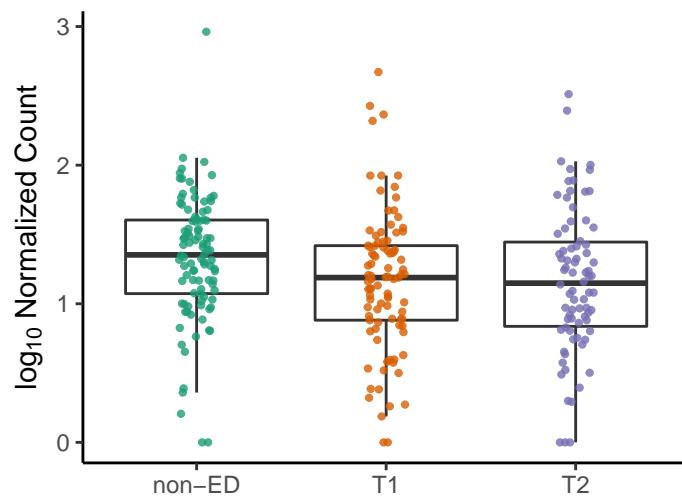
### *Sedimenticola thiotaurini*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



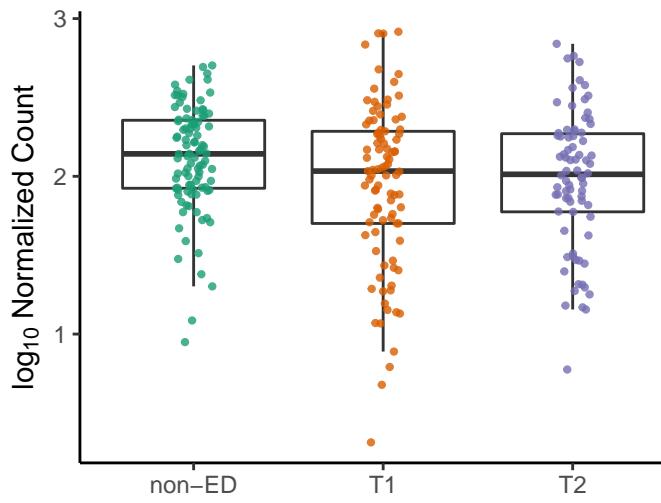
### *Staphylococcus* sp. M0911

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.99



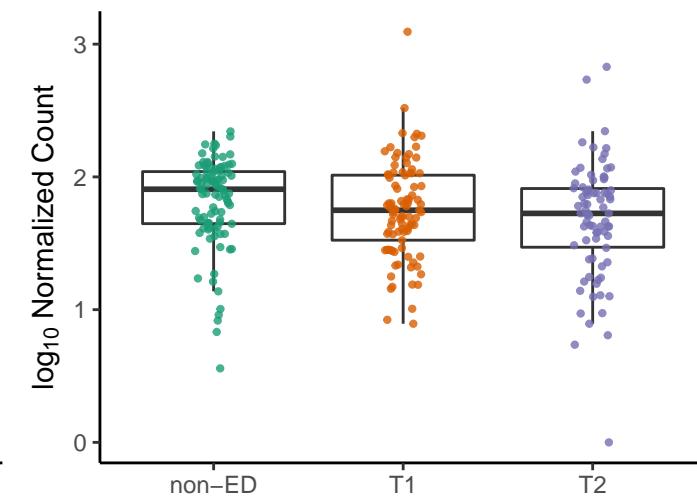
### *Streptomyces lincolnensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.75



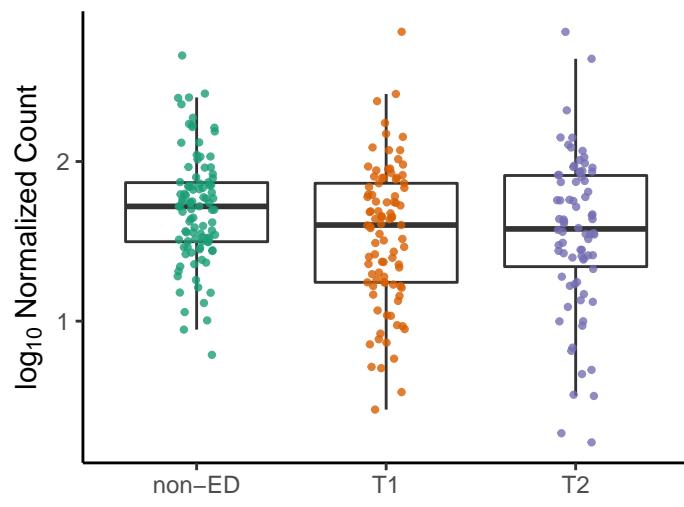
### Unclassified Jeotgalibaca Genus

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



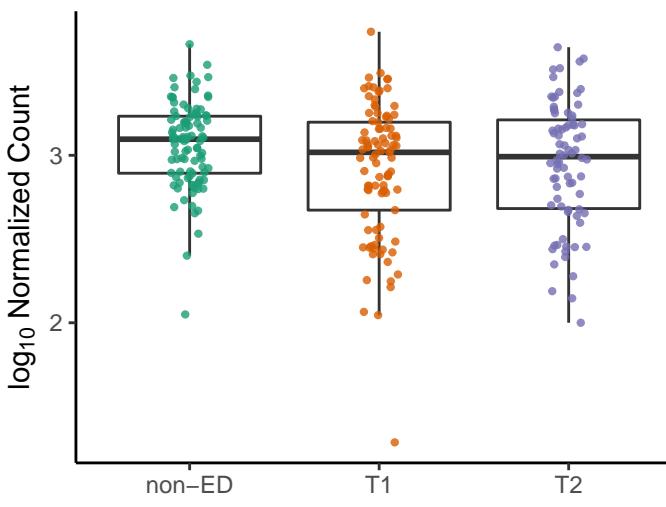
### Weissella soli

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.89



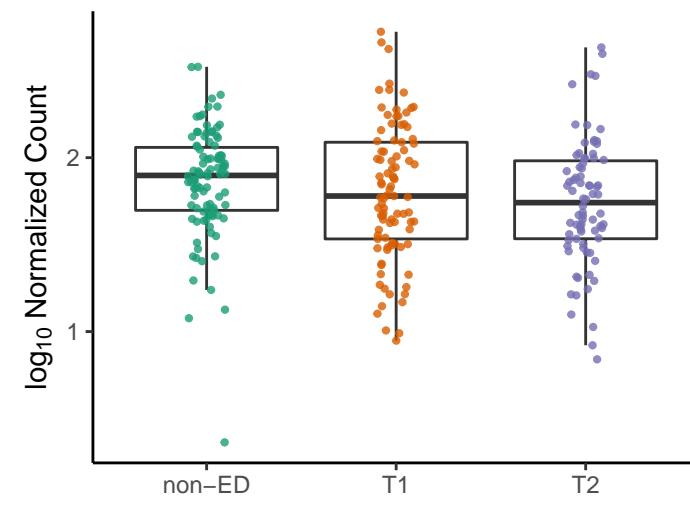
### Unclassified Bradyrhizobium Genus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.7



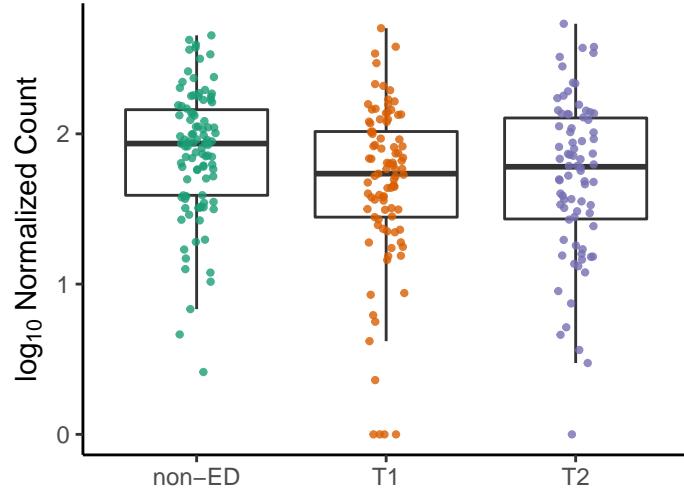
### Acinetobacter schindleri

non-ED vs. T1 adjusted p = 0.37  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.77



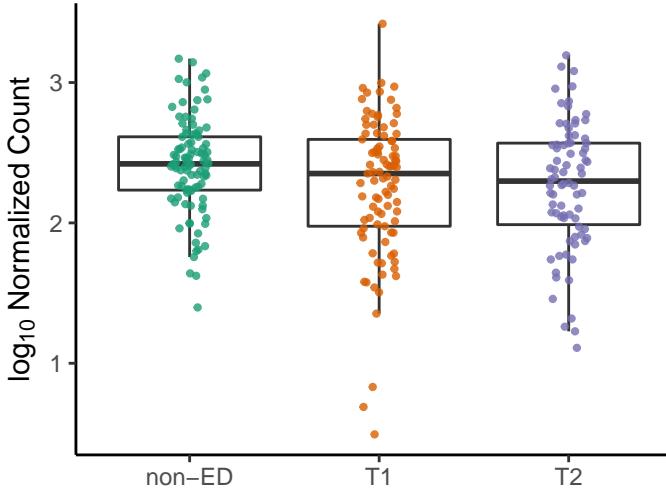
### Brevundimonas sp. MF30-B

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.74



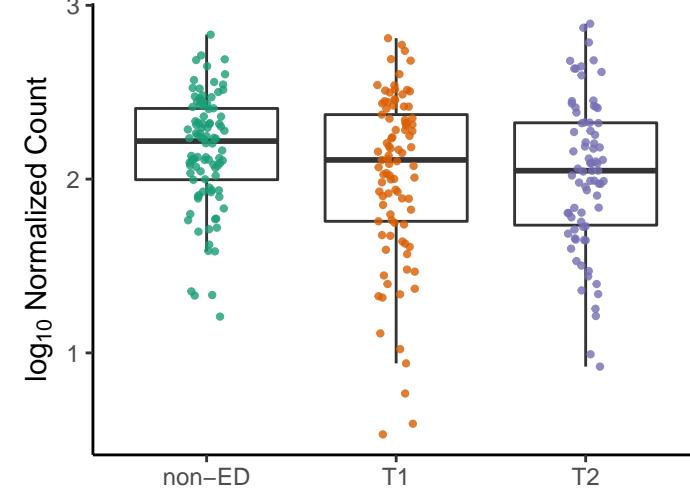
### Planctomycetes bacterium EIP

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.83



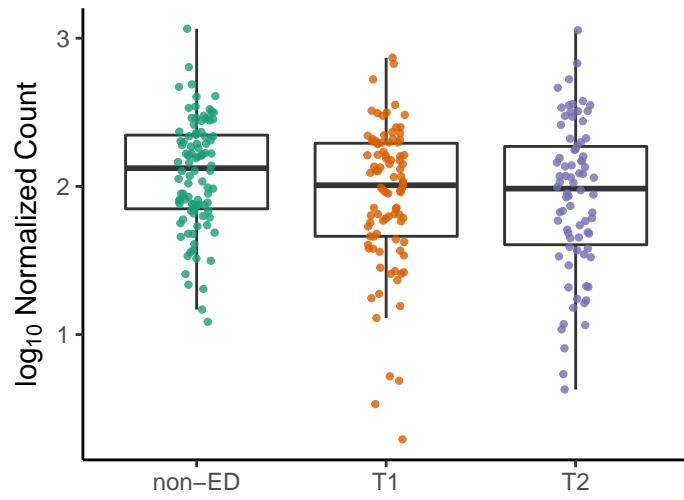
### Roseateles depolymerans

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.93



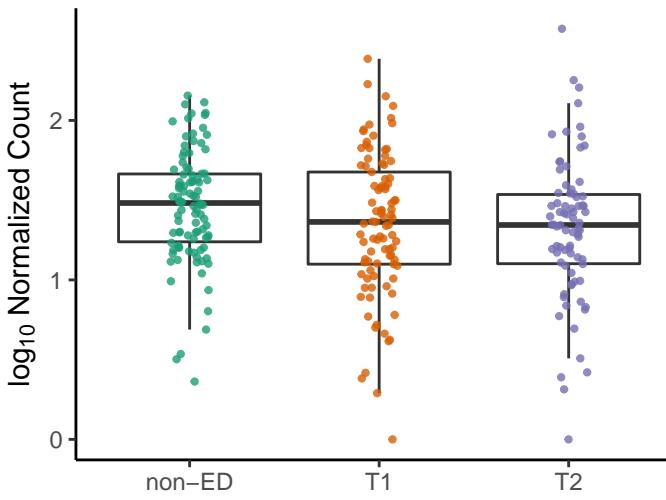
### Actinopolyspora erythraea

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.99



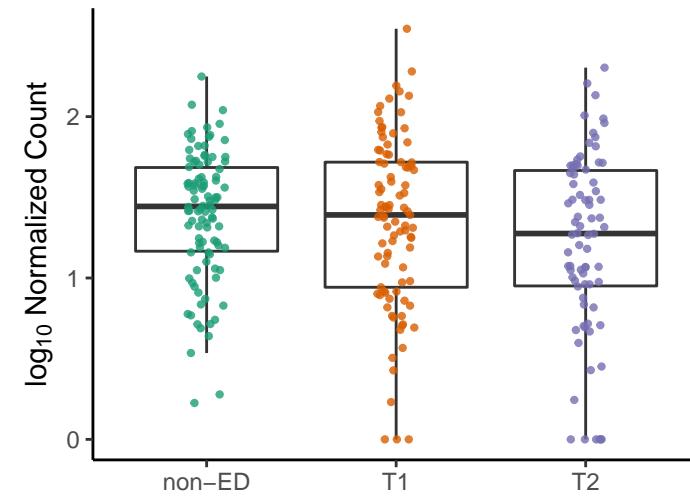
### Candidatus Aquiluna sp. UB-MaderosW

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.94



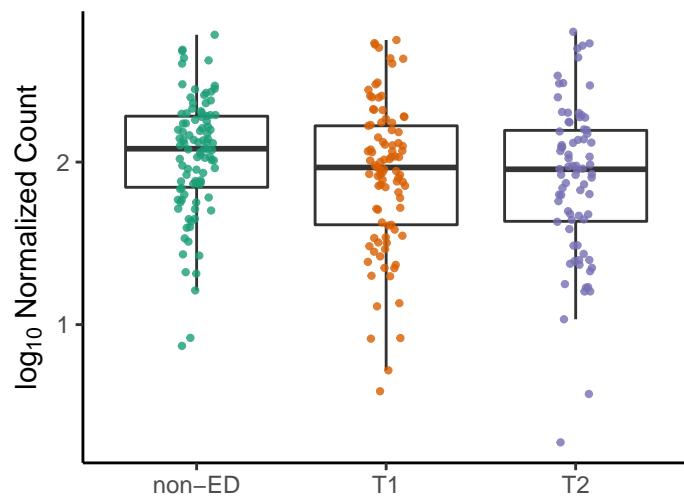
### Candidatus Liberibacter solanacearum

non-ED vs. T1 adjusted p = 0.65  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.57



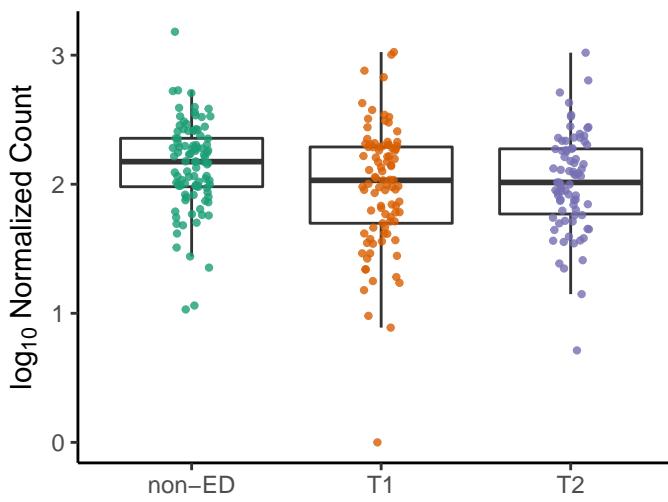
### *Kocuria palustris*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.99



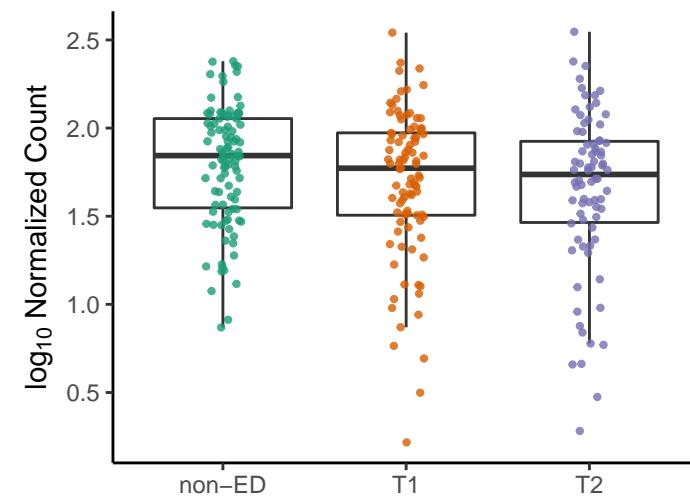
### *Rhizobium sp. 11515TR*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



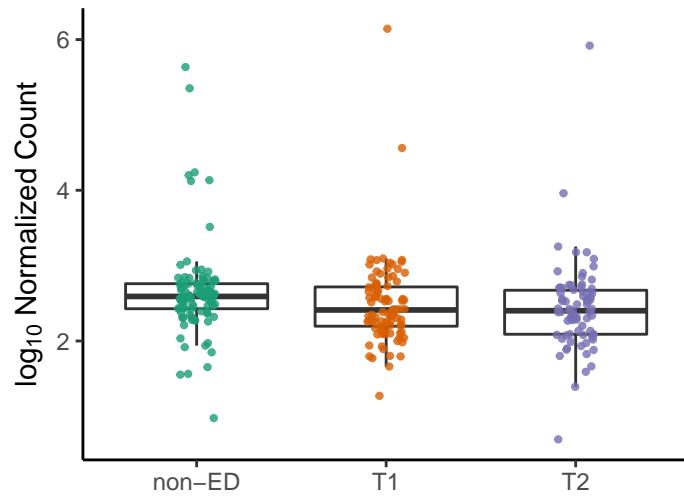
### *Saliniradius amylolyticus*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.98



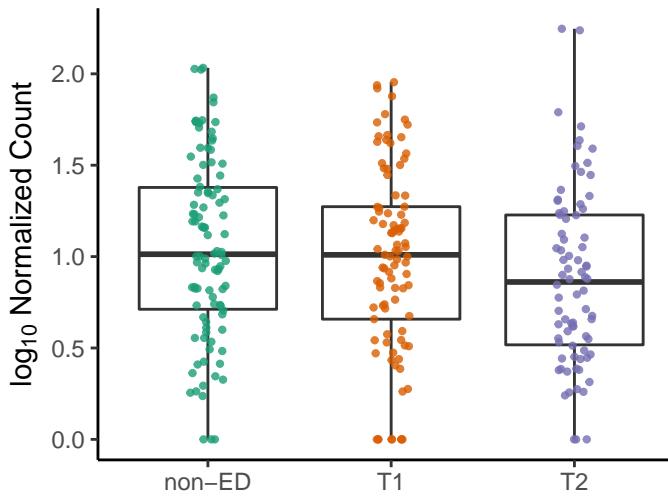
### *Megamonas funiformis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.84



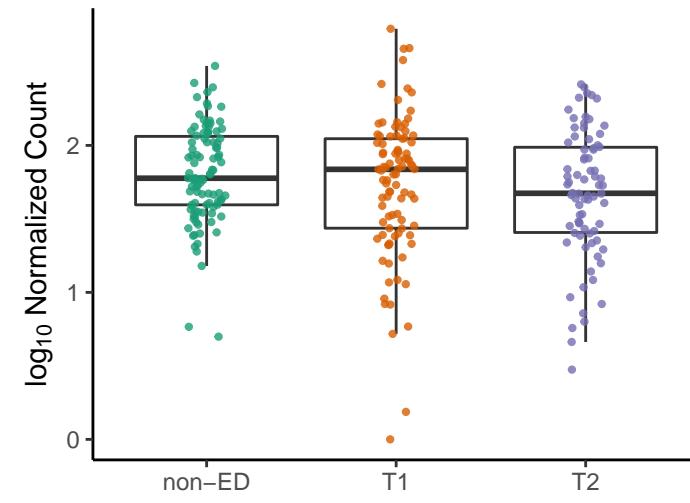
### *Leisingera sp. NJS204*

non-ED vs. T1 adjusted p = 0.53  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



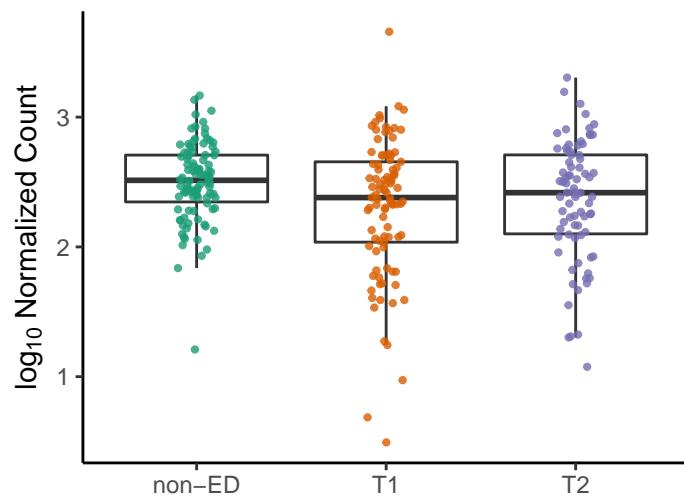
### *Mycolicibacter sinensis*

non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.96



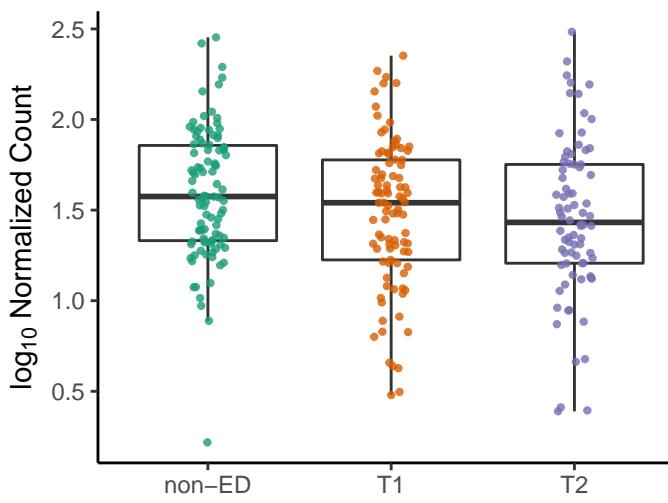
### *Streptomyces tsukubensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.67



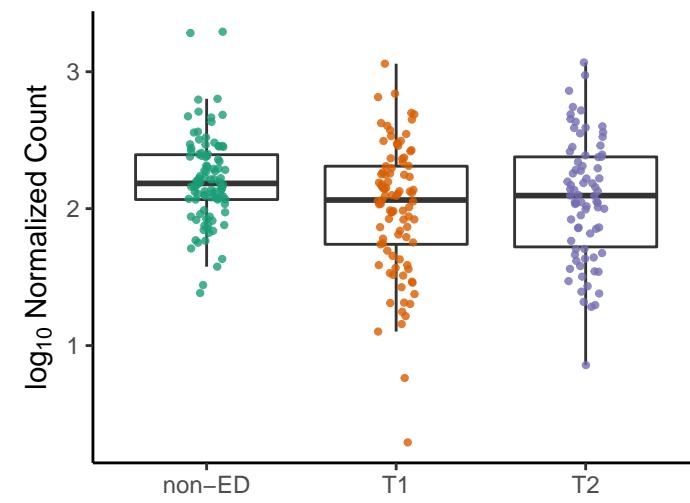
### *Unclassified Basfia Genus*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.96



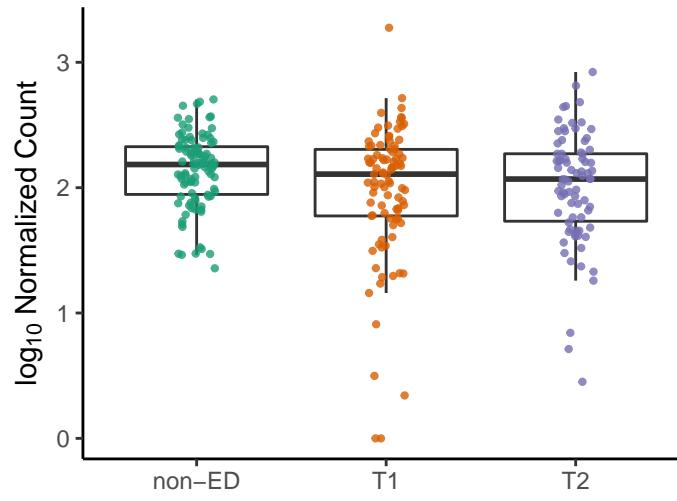
### *Actinomyces sp. 432*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.63



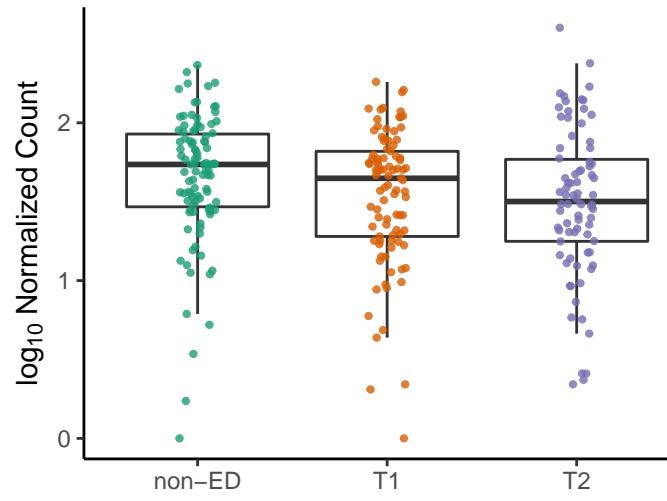
### *Streptomyces avermitilis*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.72



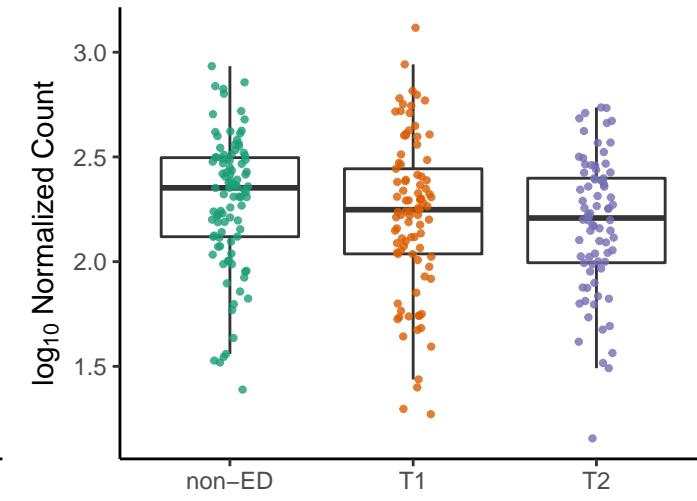
### *Tenacibaculum maritimum*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.71



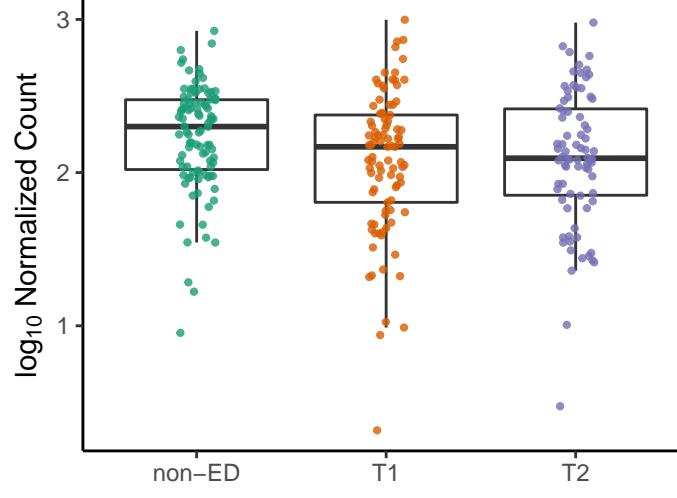
### Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.84



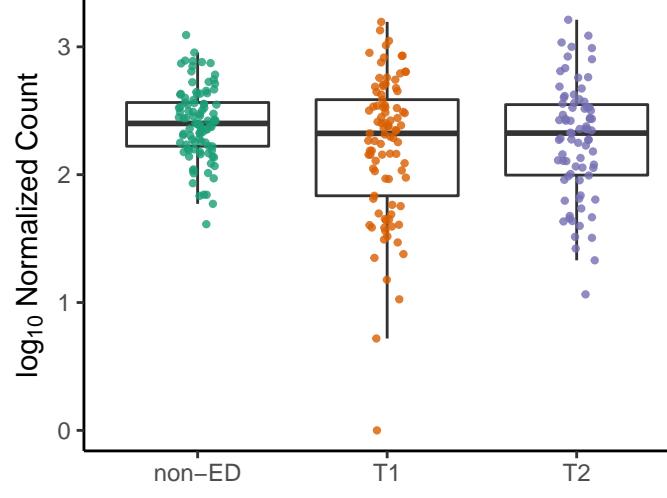
### *Massilia* sp. NR 4–1

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.79



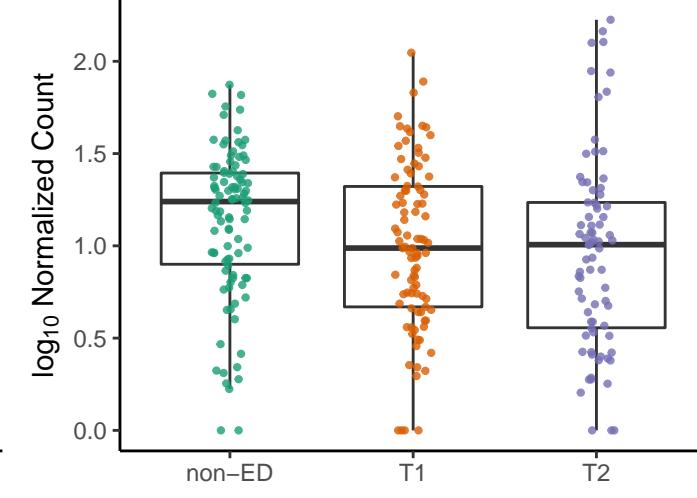
### *Myxococcus stipitatus*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.7



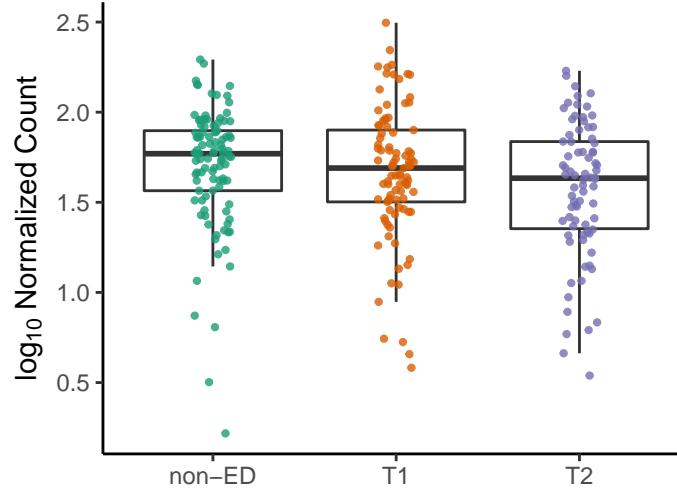
### *Planococcus kocurii*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.91



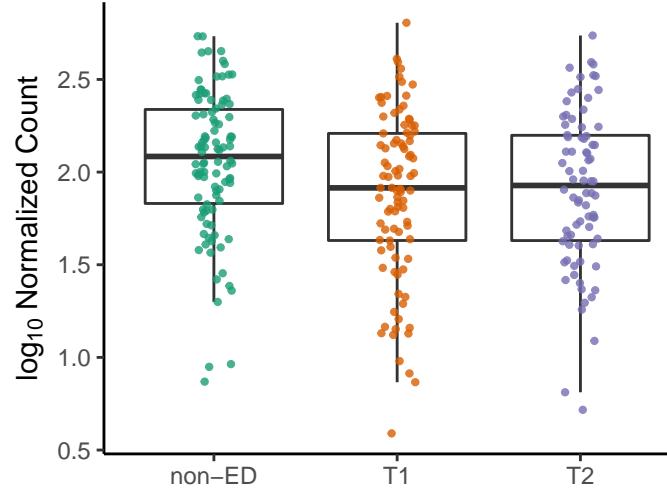
### *Staphylococcus pettenkoferi*

non-ED vs. T1 adjusted p = 0.65  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.63



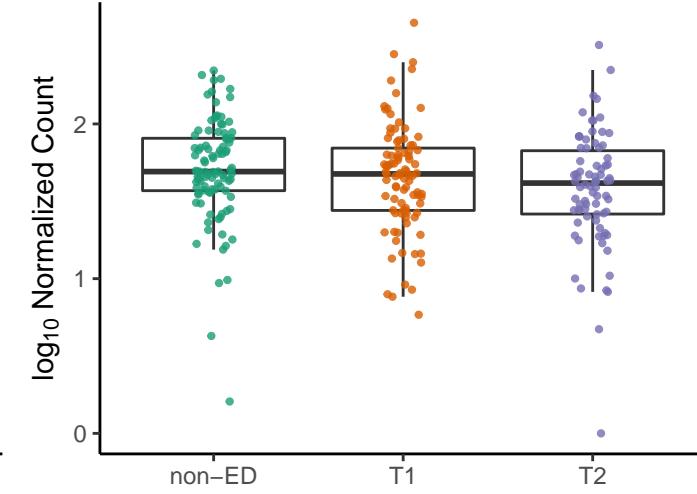
### *Nocardioides* sp. HDW12B

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.77



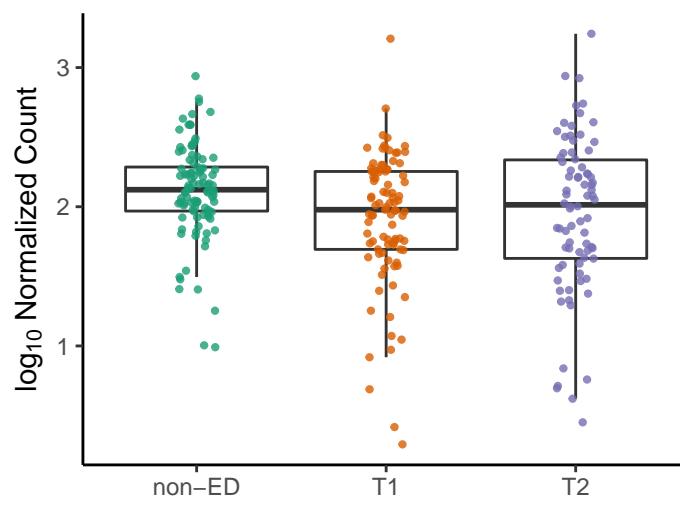
### *Providencia alcalifaciens*

non-ED vs. T1 adjusted p = 0.46  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.71



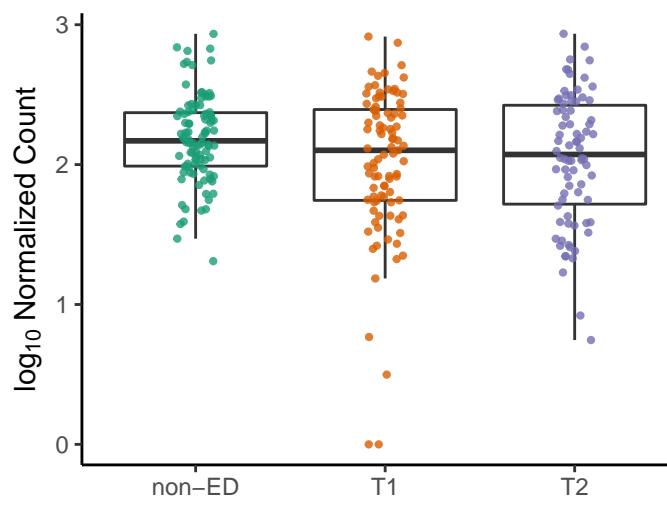
### Burkholderia insecticola

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.75



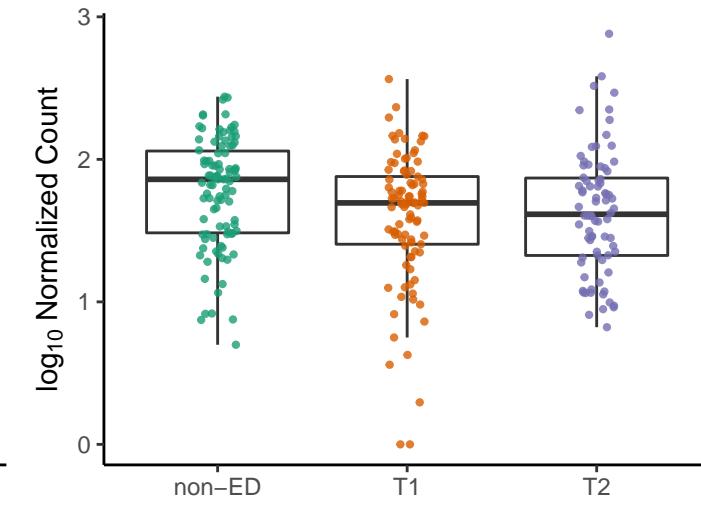
### Nocardiopsis gilva

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.76



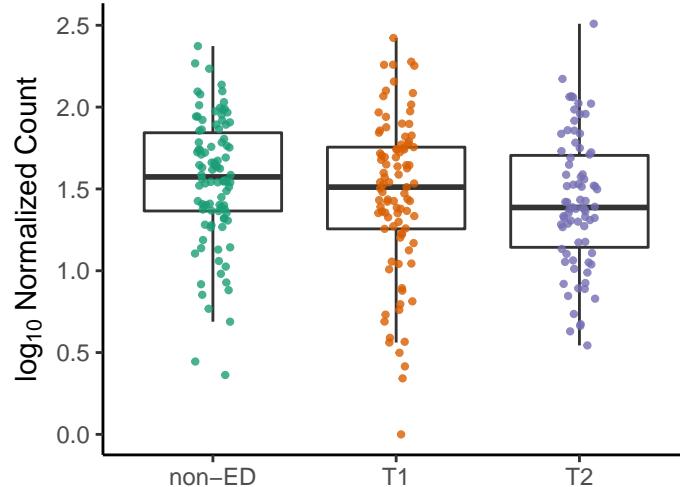
### Mycobacterium lacus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.75



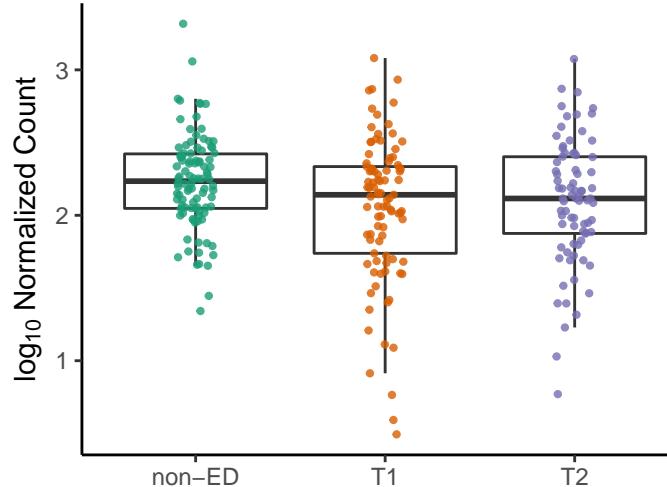
### Oceanicoccus sagamiensis

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.77



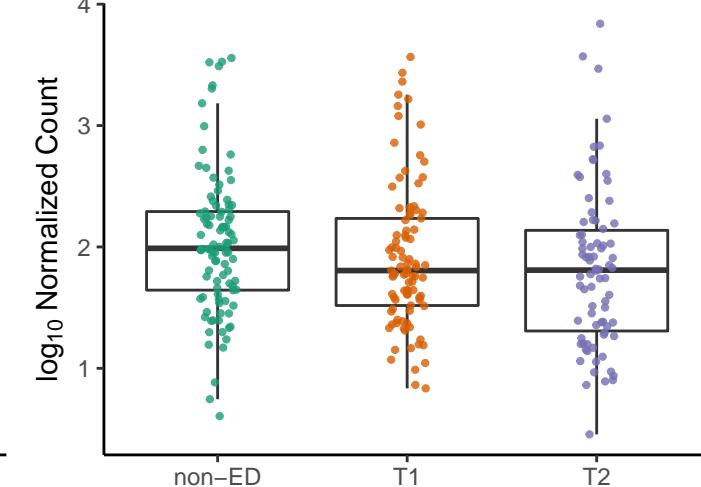
### Nocardia seriolae

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.67



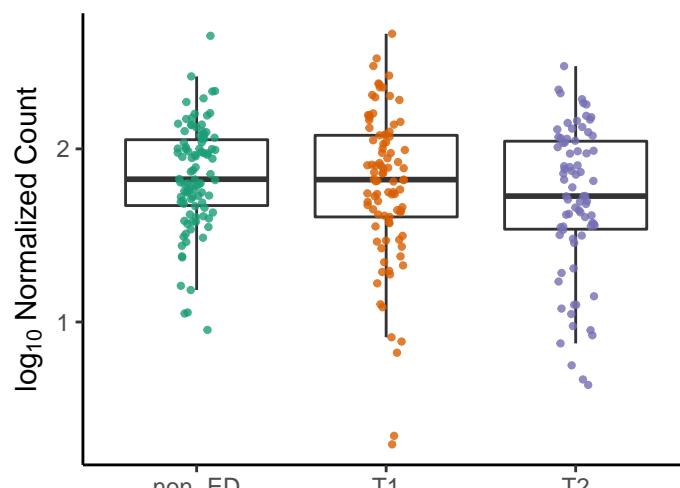
### Saccharomyces cerevisiae

non-ED vs. T1 adjusted p = 0.29  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.67



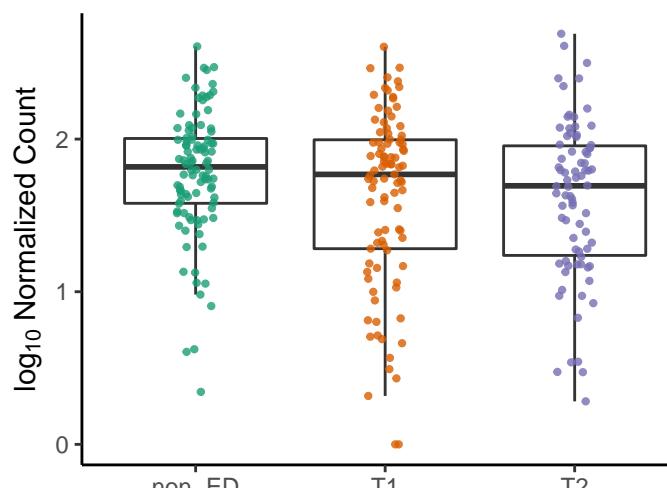
### Halotalea alkalilenta

non-ED vs. T1 adjusted p = 0.48  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.75



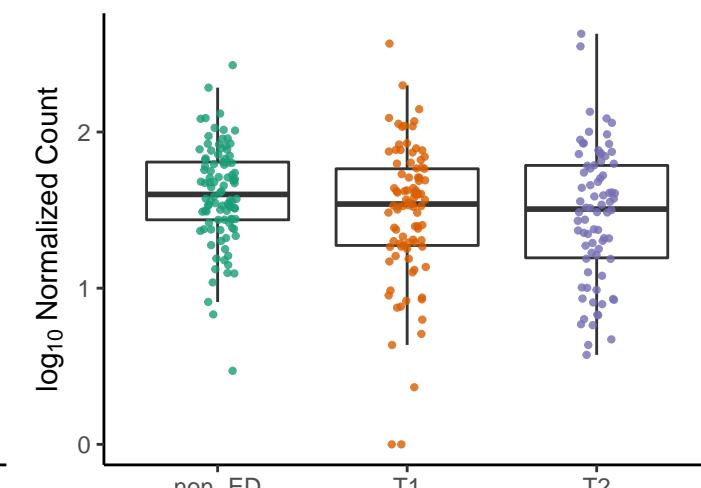
### Streptomyces leeuwenhoekii

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.98



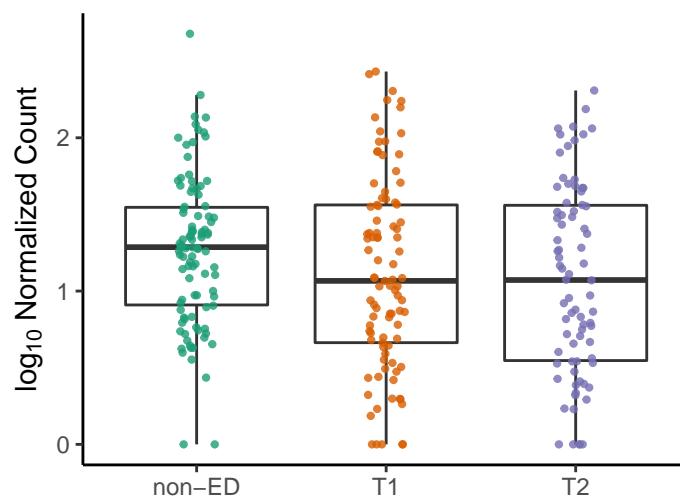
### Yersinia frederiksenii

non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.79



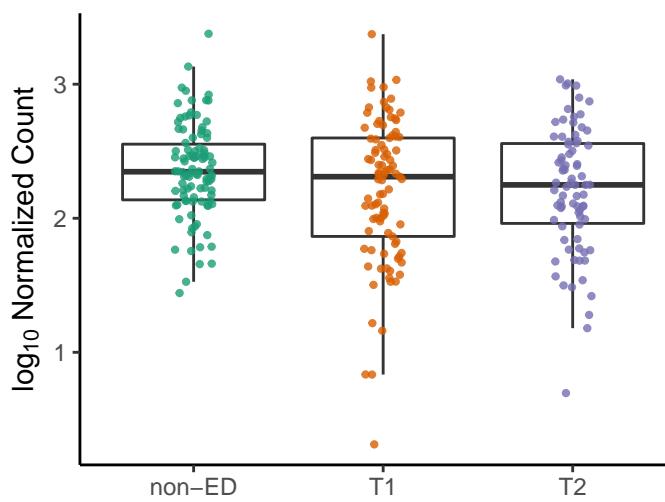
### *Sphingobium fuliginis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.86



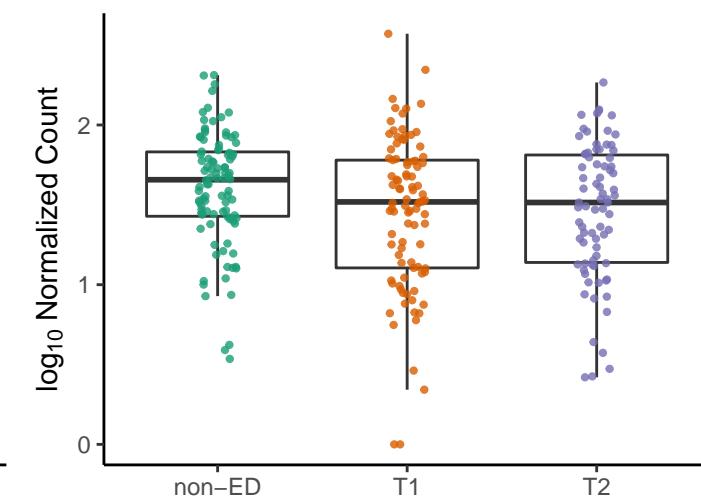
### *Melittangium boletus*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.79



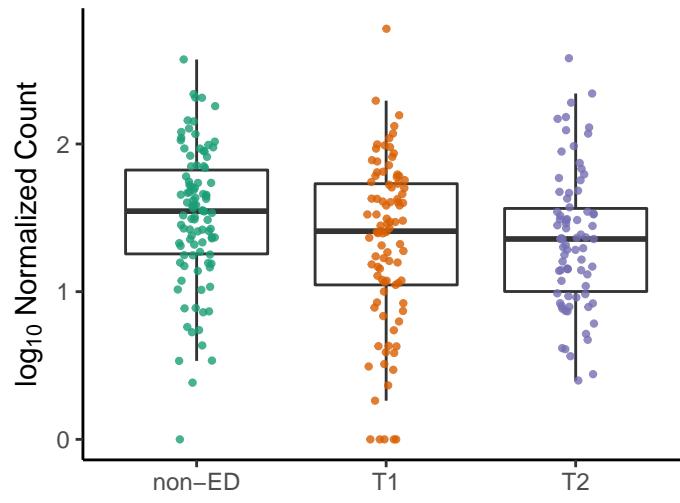
### *Porphyrobacter* sp. LM 6

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.85



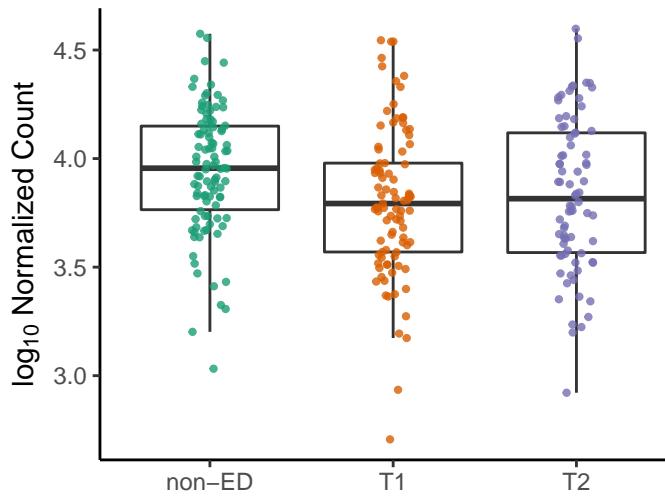
### *Streptomyces* sp. CFMR 7

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.88



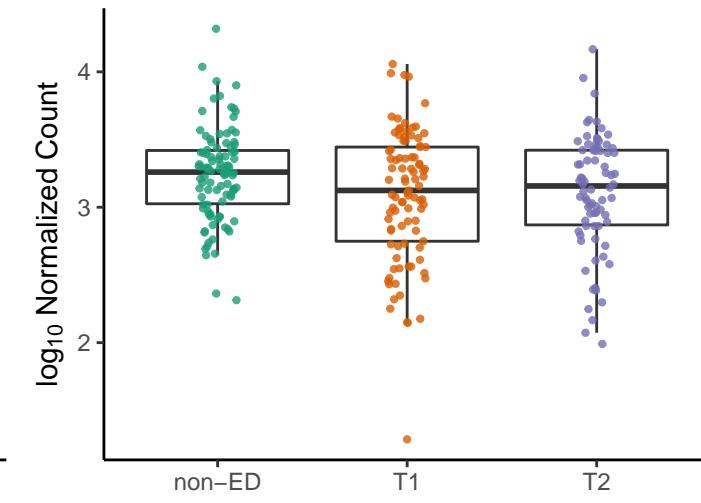
### *Clostridium* sp. SY8519

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.74



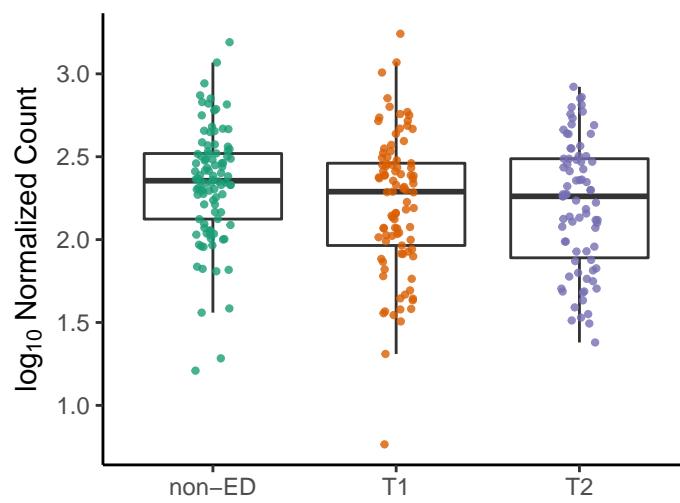
### *Slackia heliotrinireducens*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.79



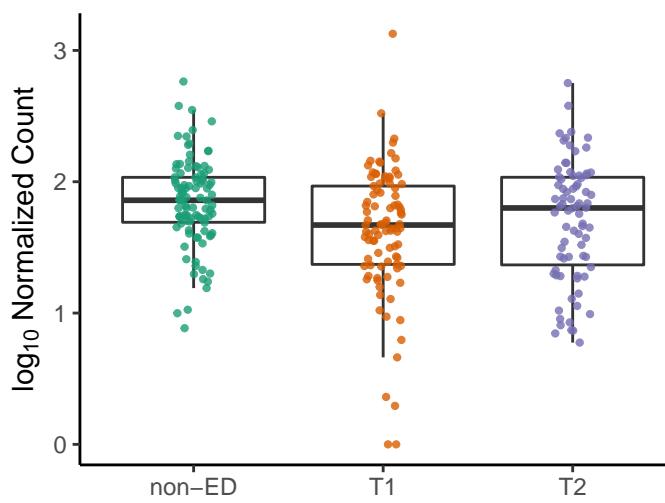
### *Ensifer adhaerens*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.88



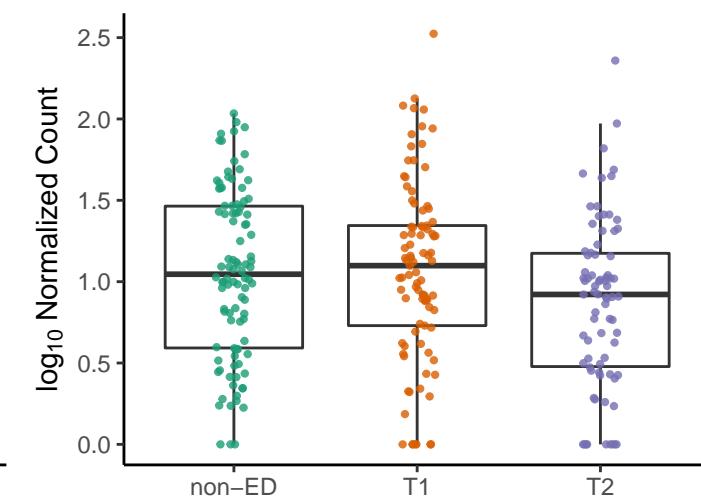
### *Ferriphaselus amnicola*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.47



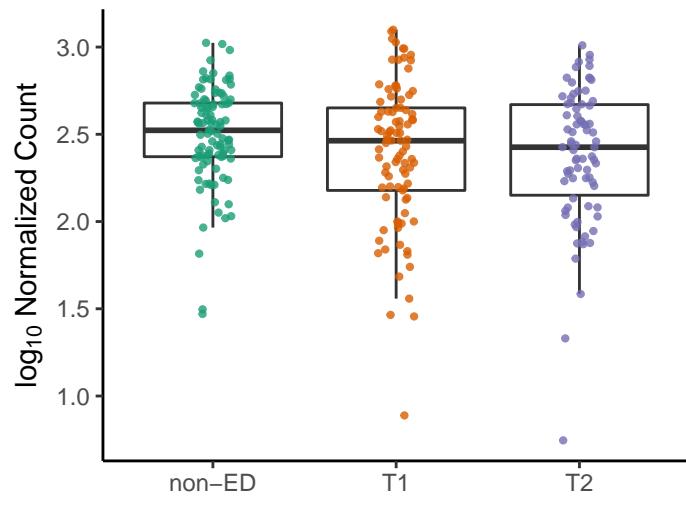
### Unclassified *Kushneria* Genus

non-ED vs. T1 adjusted p = 0.86  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.07



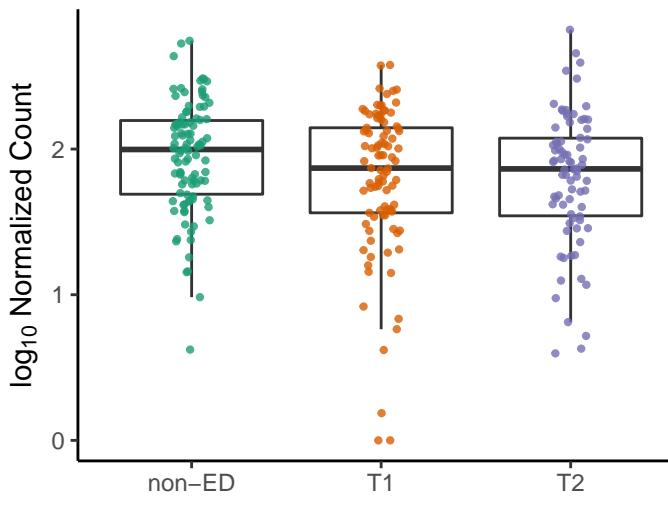
### Unclassified Ralstonia Genus

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.98



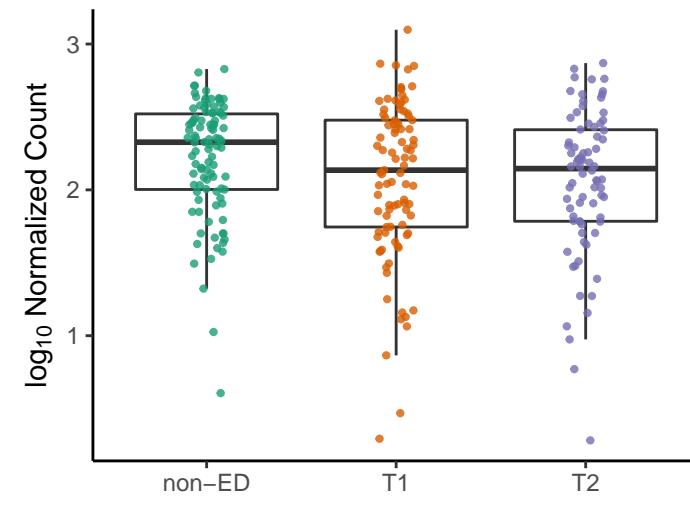
### Armatimonadetes bacterium Uphvl-Ar2

non-ED vs. T1 adjusted p = 0.059  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.98



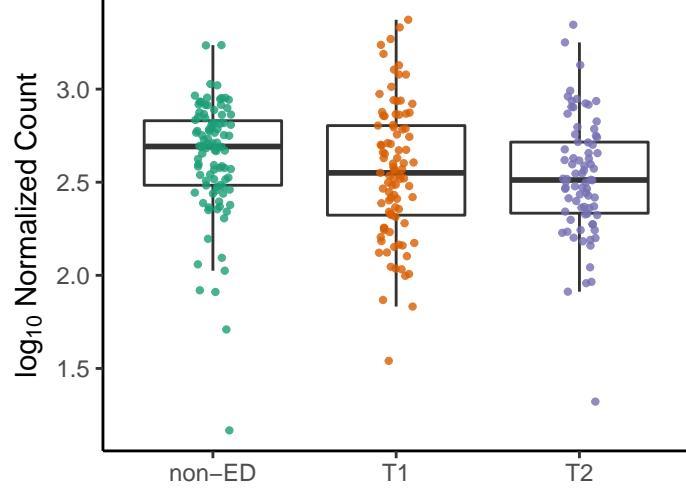
### Phycisphaera mikurensis

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.98



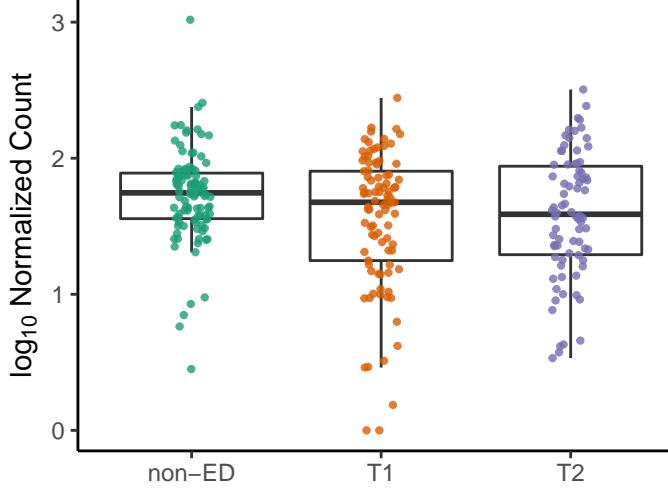
### Peptoclostridium acidaminophilum

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.93



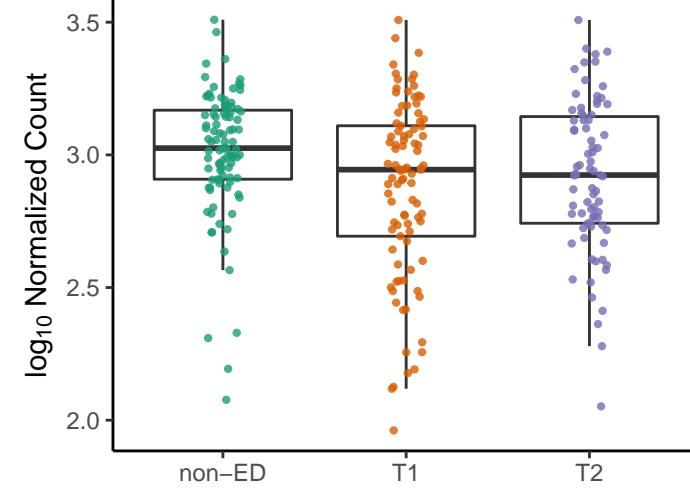
### Pseudomonas reinekei

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.73



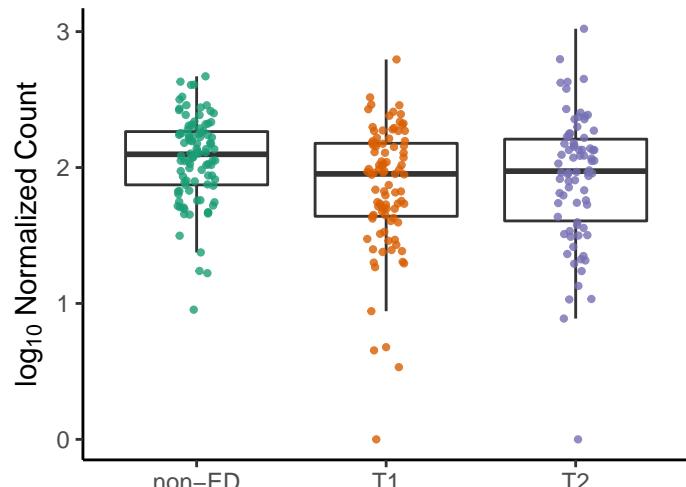
### Selenomonas ruminantium

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.7



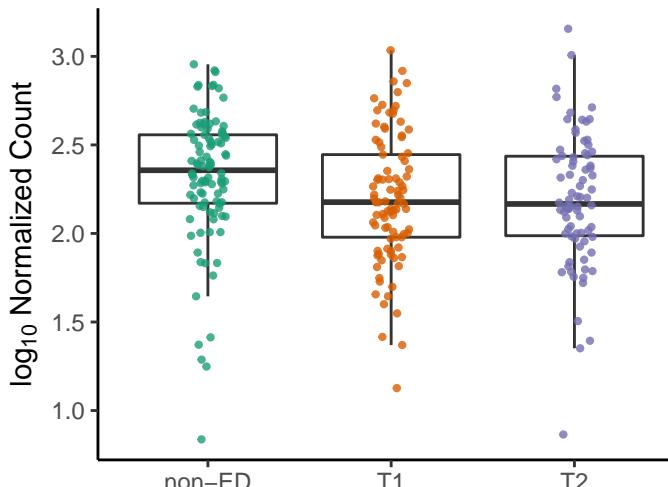
### Streptomyces coeruleorubidus

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.68



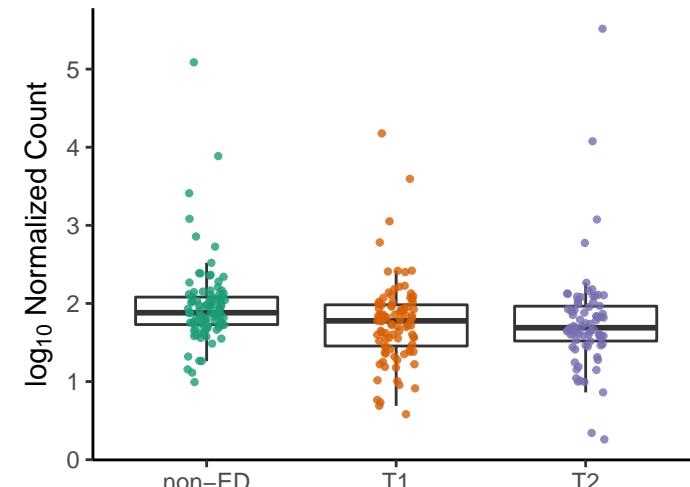
### Unclassified Lysinibacillus Genus

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.97



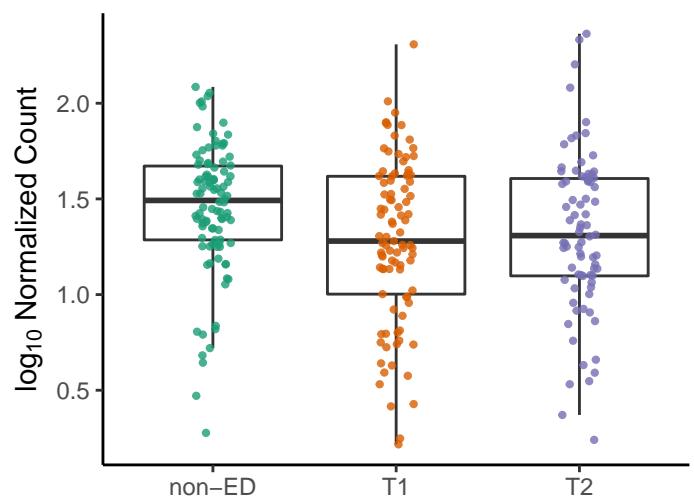
### Weissella confusa

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.99



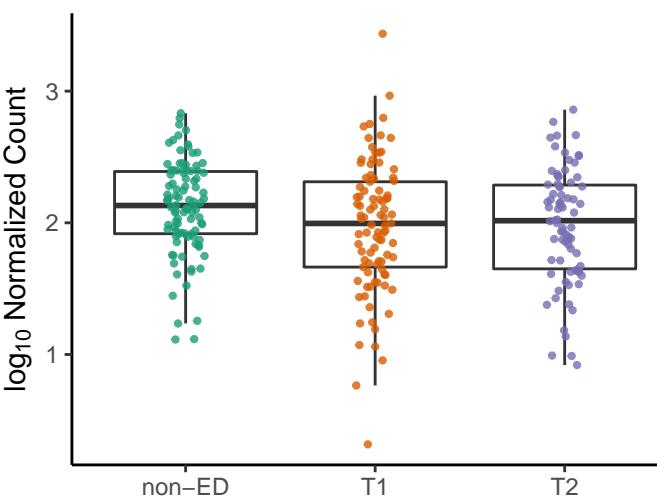
### *Shewanella* sp. SNU WT4

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.88



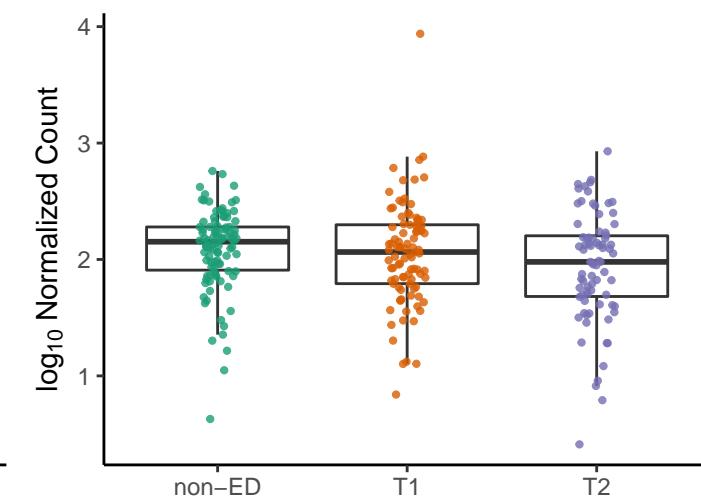
### Unclassified Plantactinospora Genus

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.86



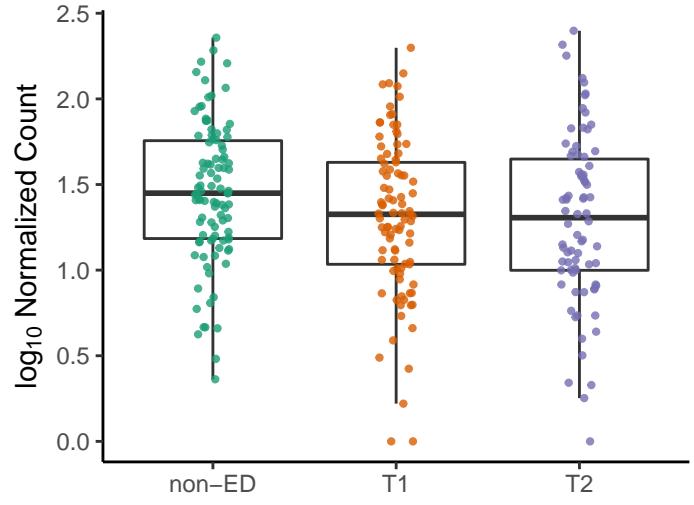
### *Leptotrichia* wadei

non-ED vs. T1 adjusted p = 0.62  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.7



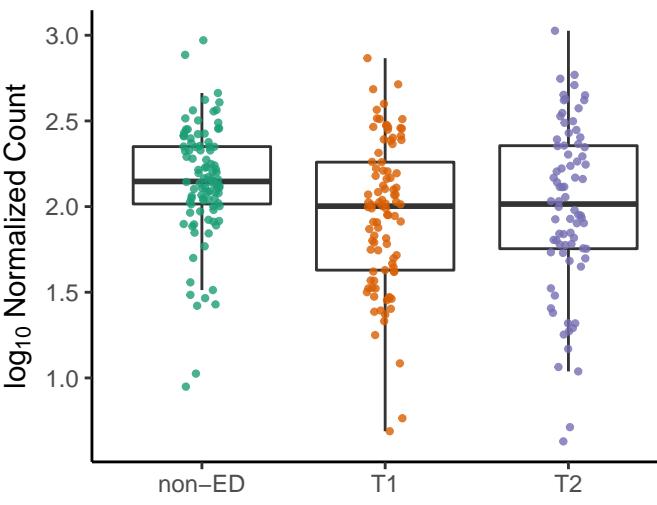
### *Yersinia hibernica*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.99



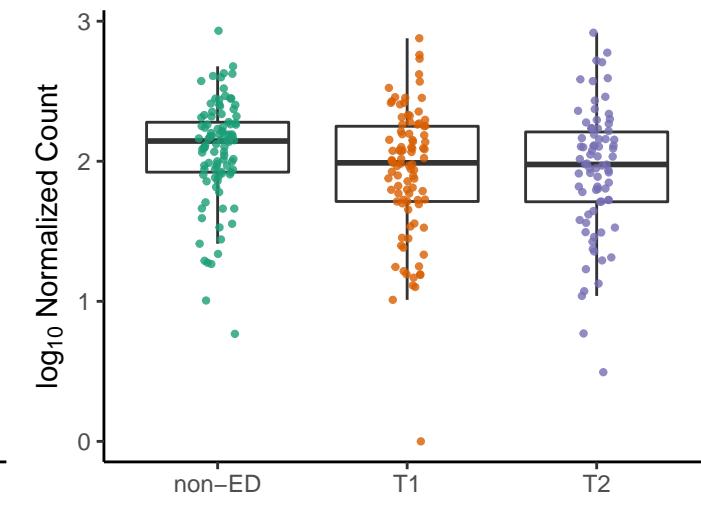
### *Azospirillum* sp. M2T2B2

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.7



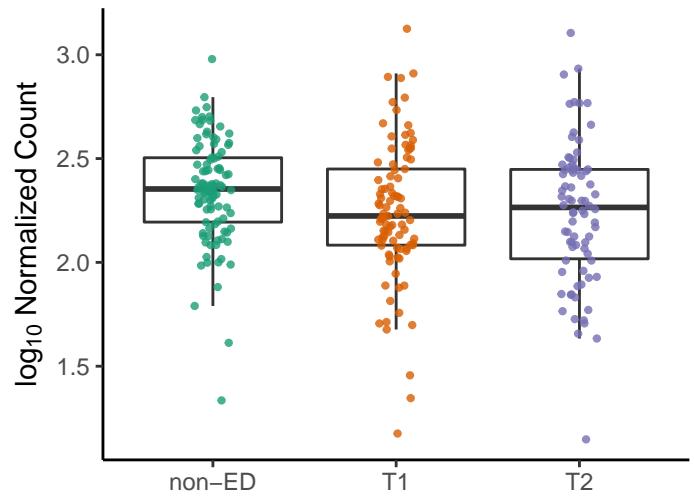
### Unclassified Pandoraea Genus

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.93



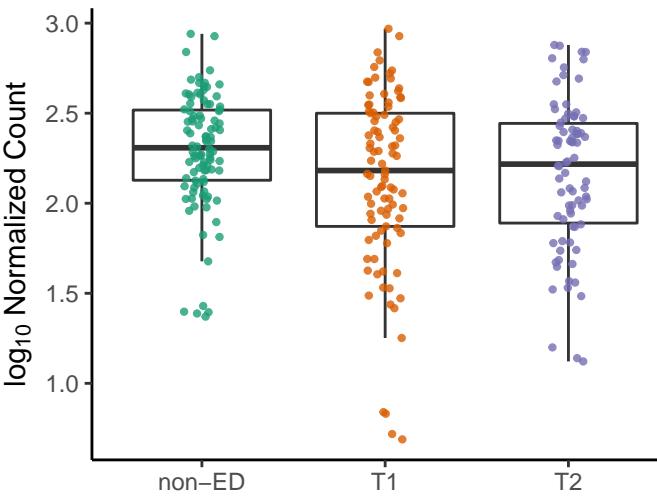
### *Paenibacillus* graminis

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.92



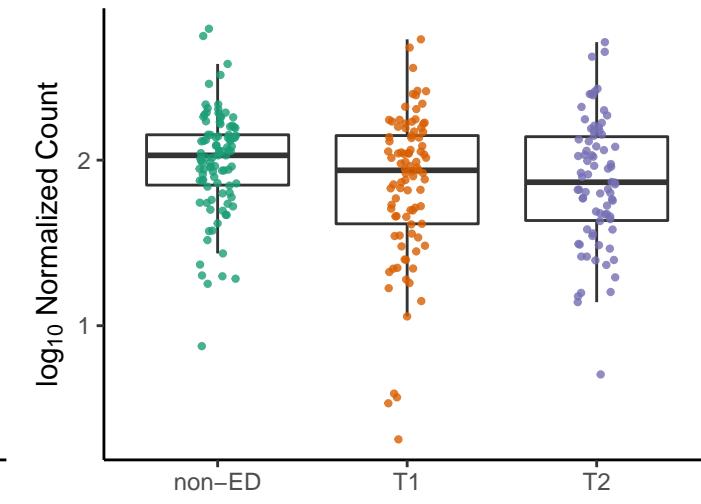
### *Actinomadura* amylolytica

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.77



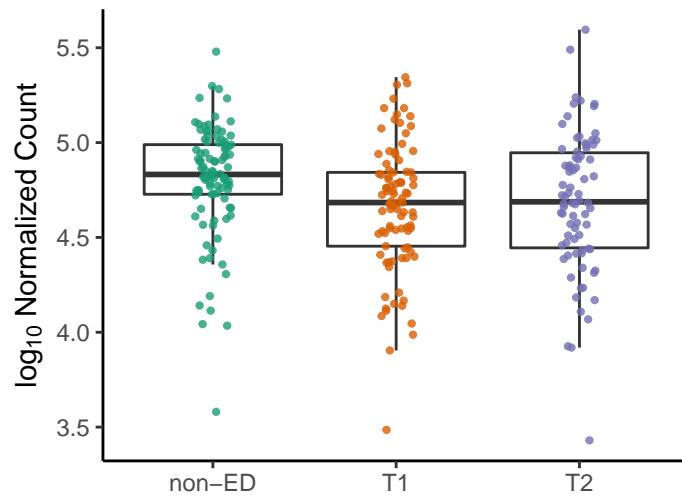
### *Desulfohalobium*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.87



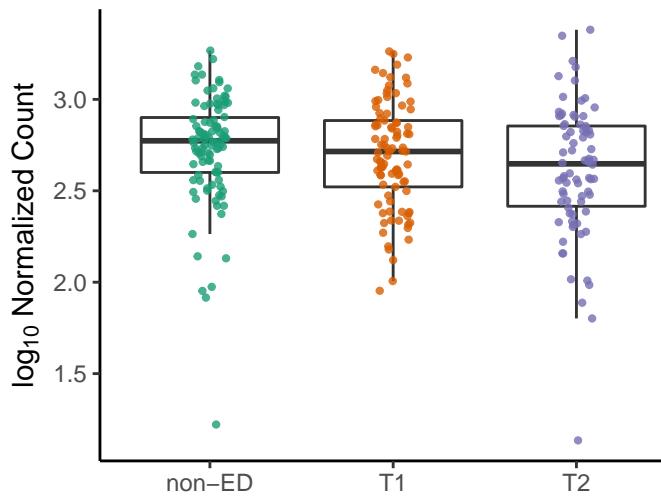
### Lachnospiraceae bacterium Choco86

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.91



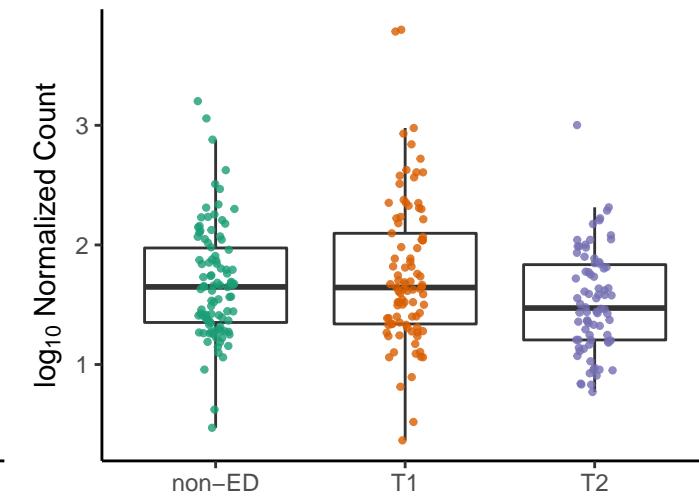
### Bacillus cereus

non-ED vs. T1 adjusted p = 0.57  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.66



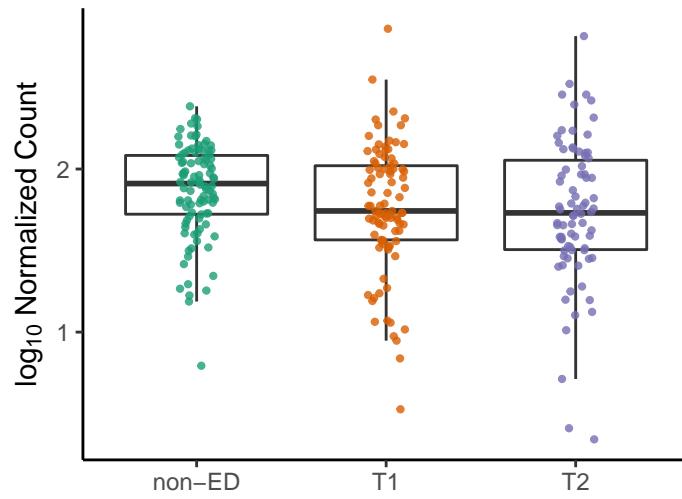
### Citrobacter koseri

non-ED vs. T1 adjusted p = 0.42  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.32



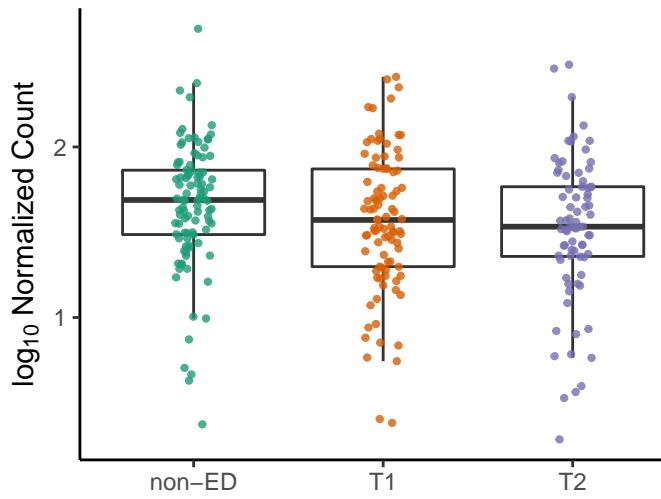
### Leptolyngbya boryana

non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.97



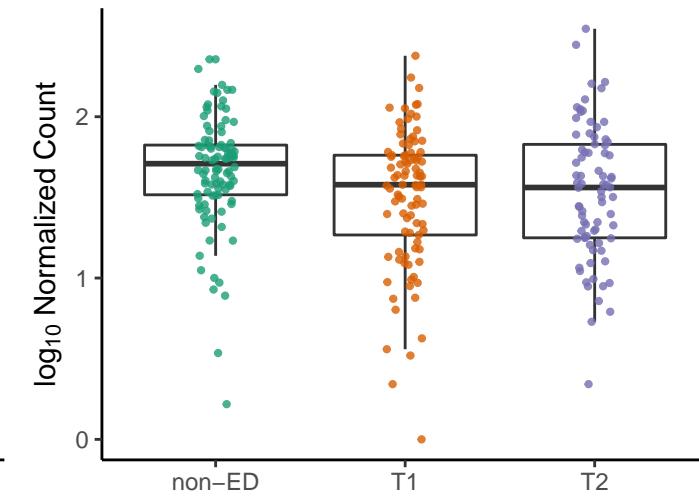
### Staphylococcus succinus

non-ED vs. T1 adjusted p = 0.21  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.91



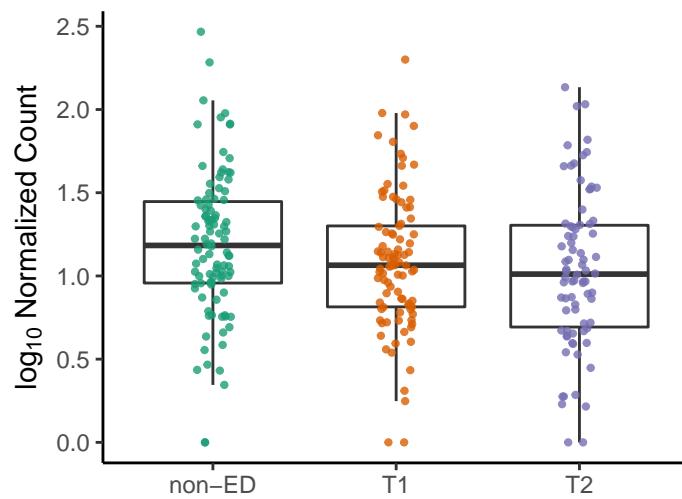
### Colwellia sp. 20A7

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.79



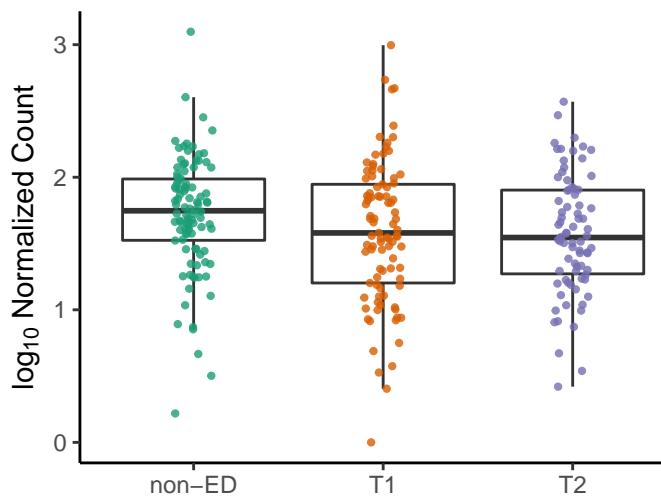
### Candidatus Phytoplasma ziziphi

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.88



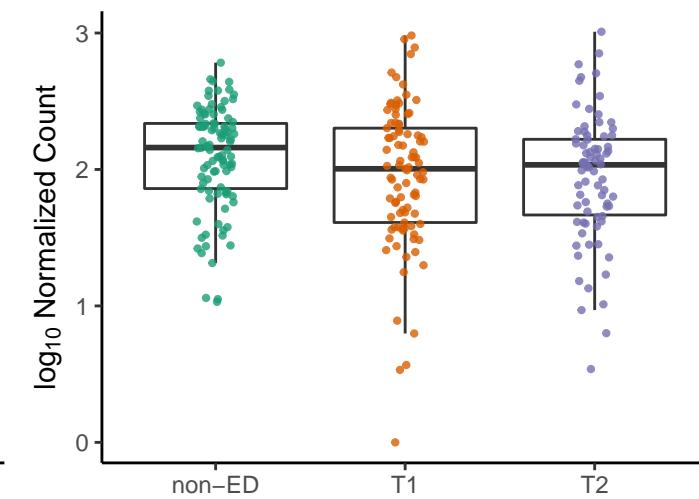
### Unclassified Thermoanaerobacterales O

non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.98



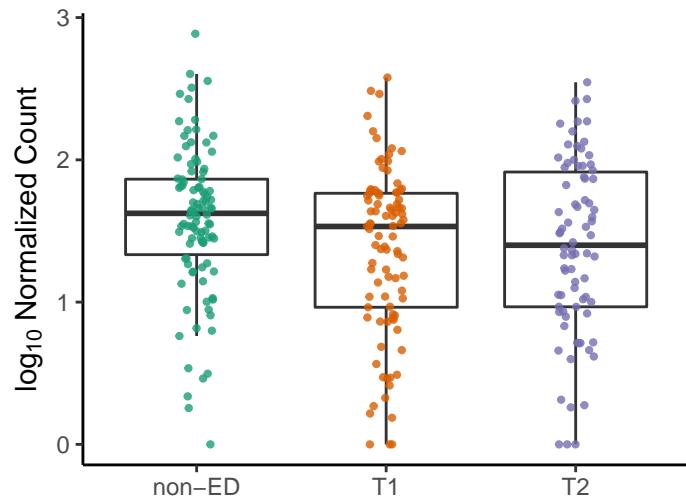
### Deinococcus geothermalis

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.92



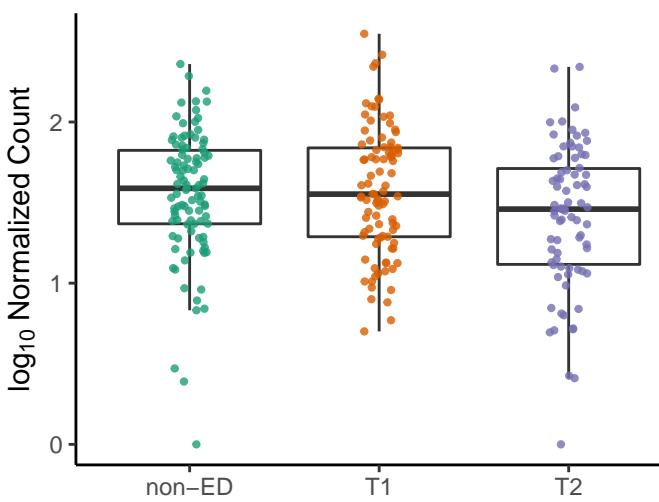
### *Halorubrum trapanicum*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.76



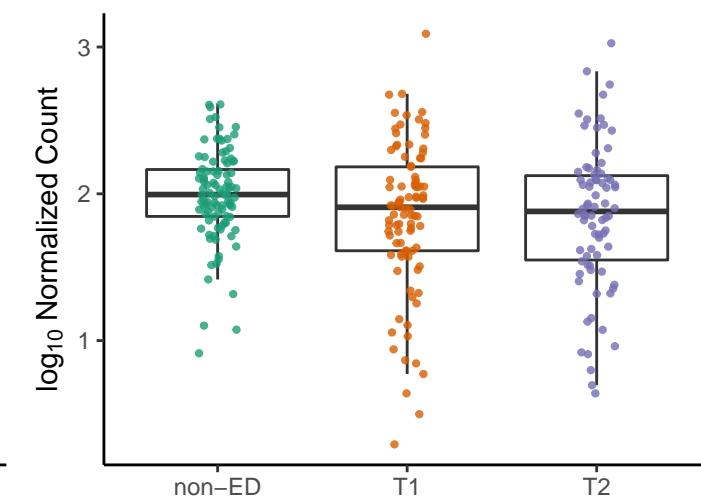
### *Capnocytophaga gingivalis*

non-ED vs. T1 adjusted p = 0.83  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.25



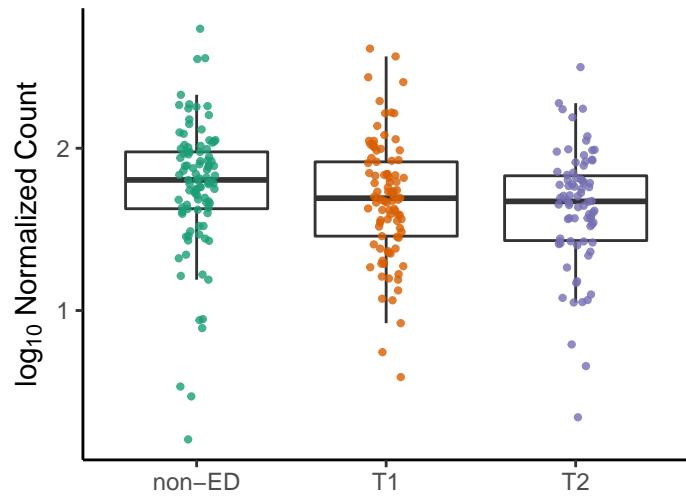
### *Caulobacter* sp. K31

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.89



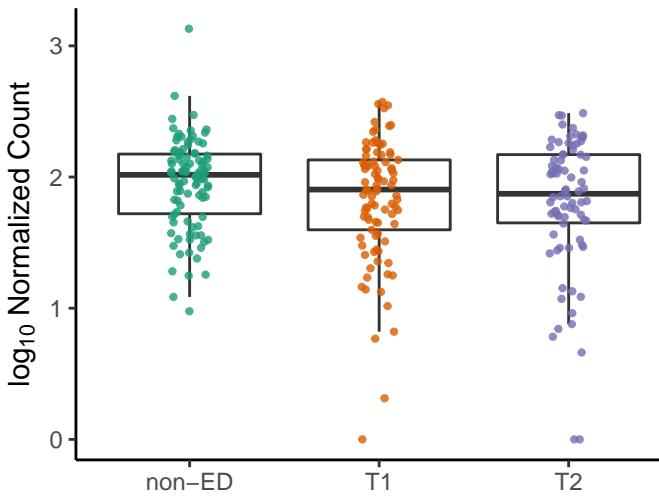
### *Lactobacillus rossiae*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.86



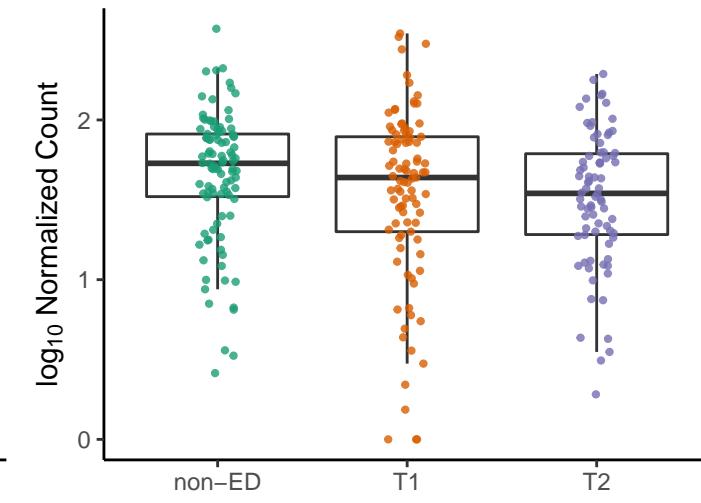
### *Pseudomonas* sp. StFLB209

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.92



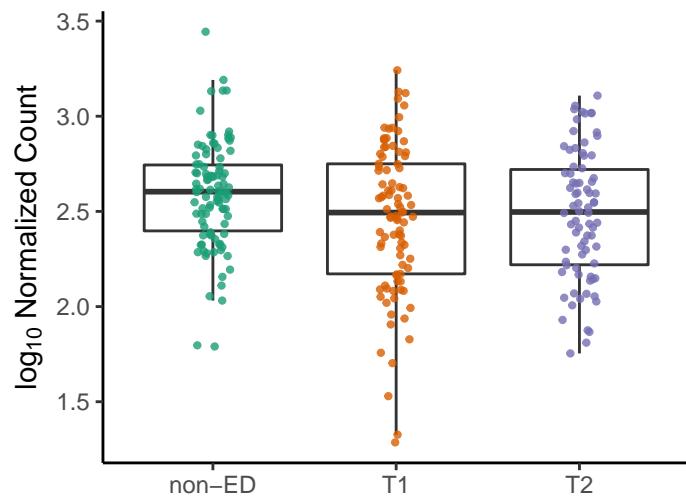
### *Streptomyces* sp. Tue 6075

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.94



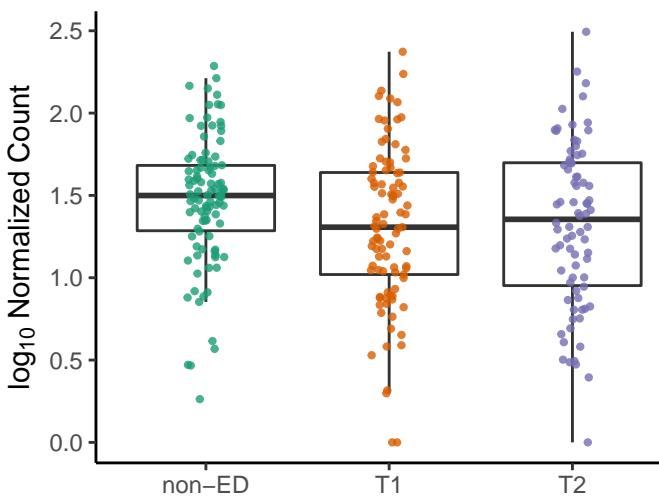
### *Desulfosarcina ovata*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.77



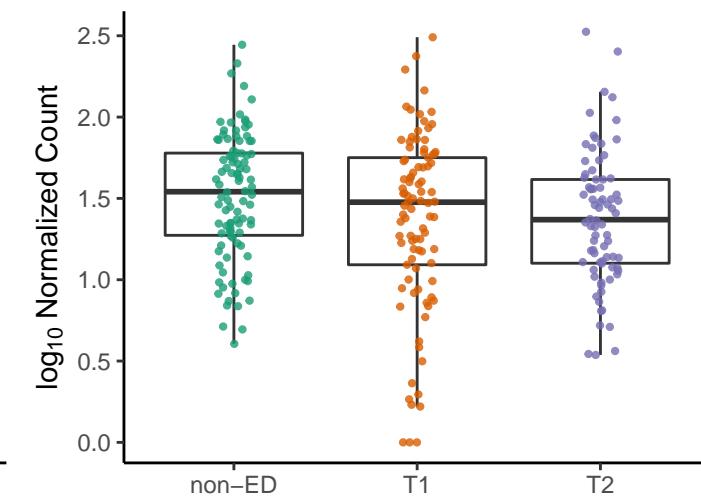
### *Dokdonia* sp. Dokd-P16

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.95



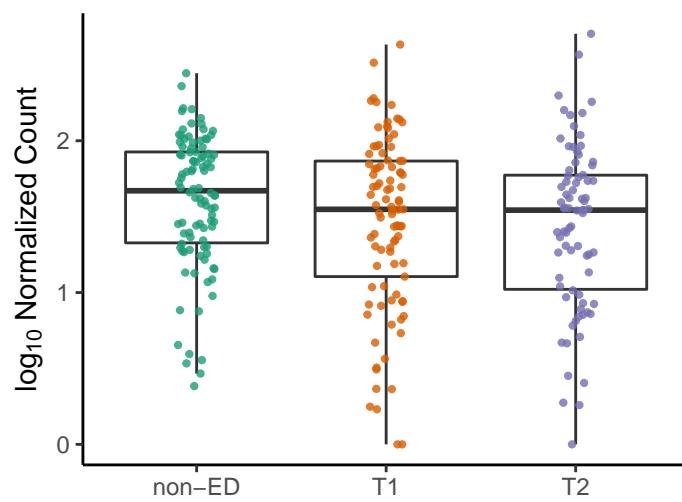
### *Altererythrobacter ishigakiensis*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.97



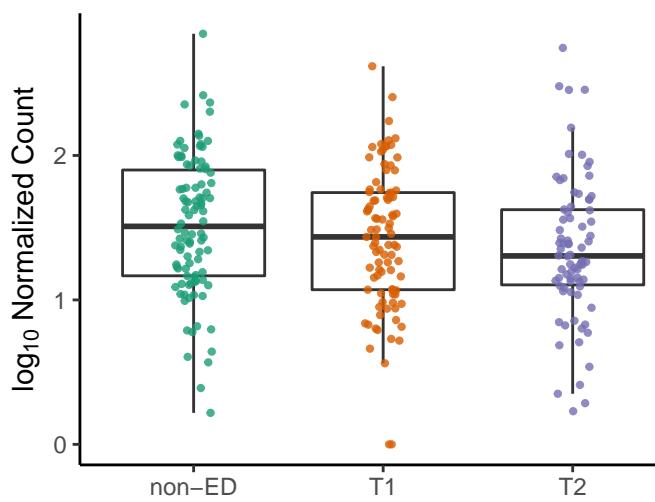
### Dietzia psychralcaliphila

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.95



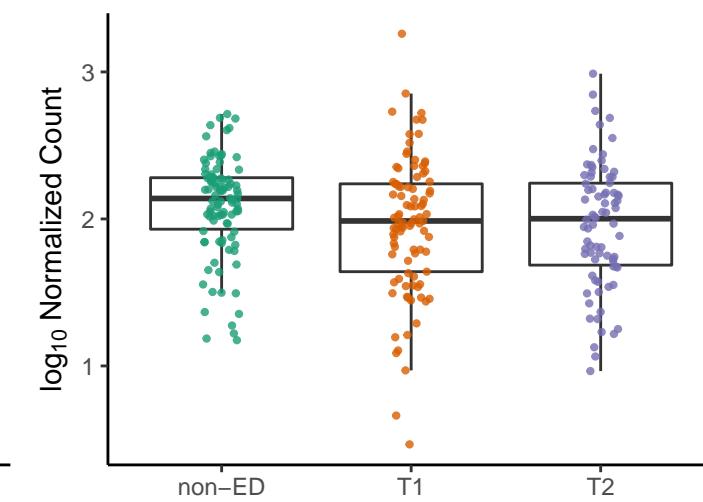
### Mycoplasma californicum

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.67



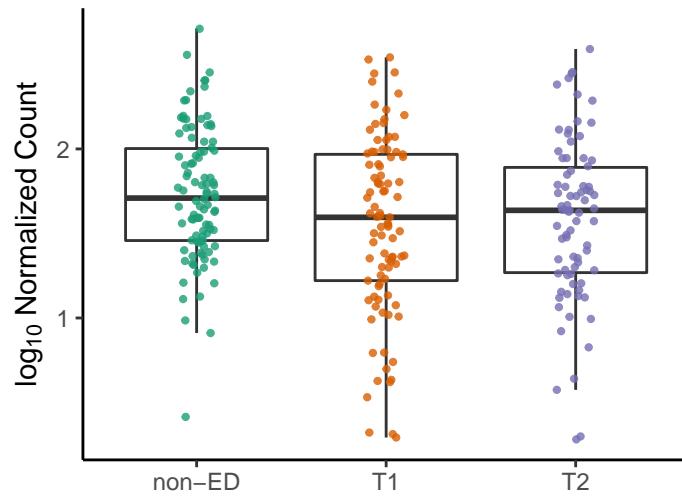
### Verrucosispora maris

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.85



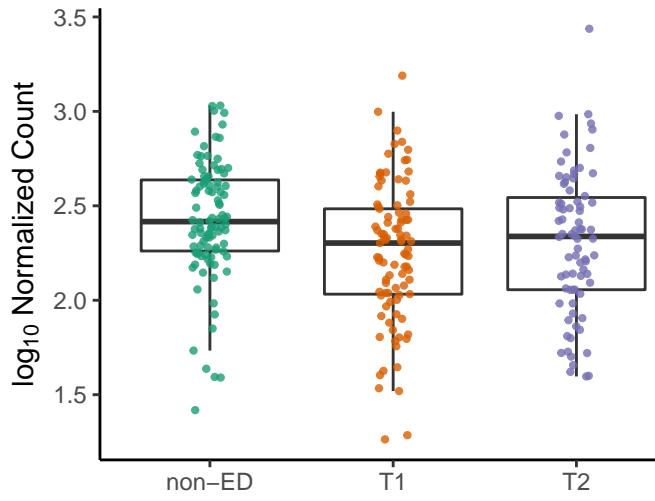
### Gordonia iterans

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.86



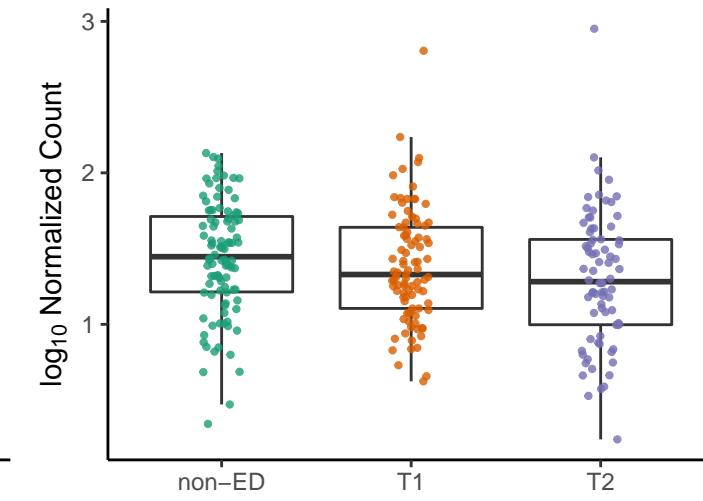
### Thermincola potens

non-ED vs. T1 adjusted p = 0.0073  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.67



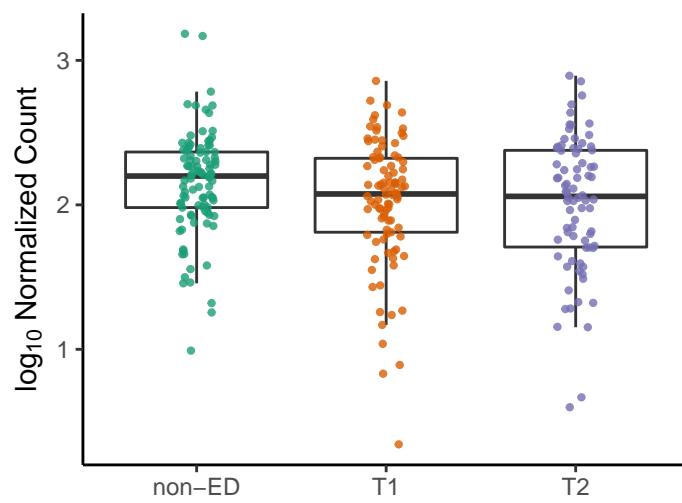
### Marinomonas primoryensis

non-ED vs. T1 adjusted p = 0.43  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.64



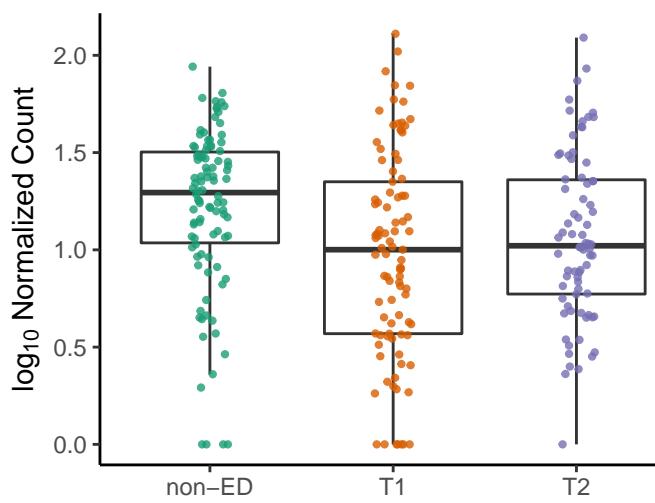
### Massilia armeniaca

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.94



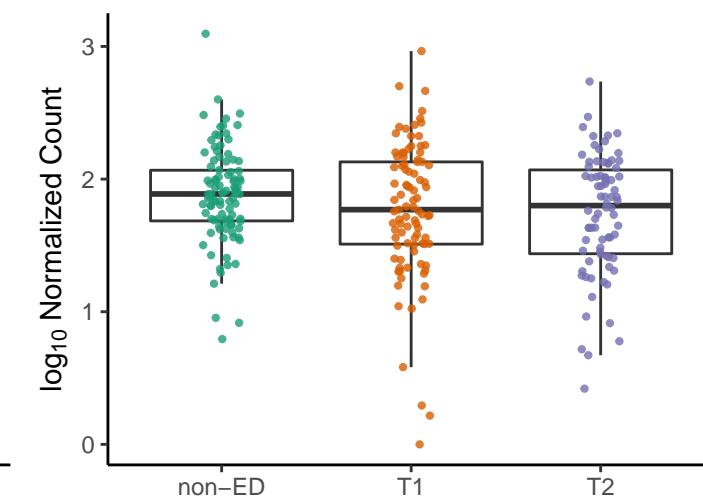
### Methanofervidicoccus sp. A16

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.77



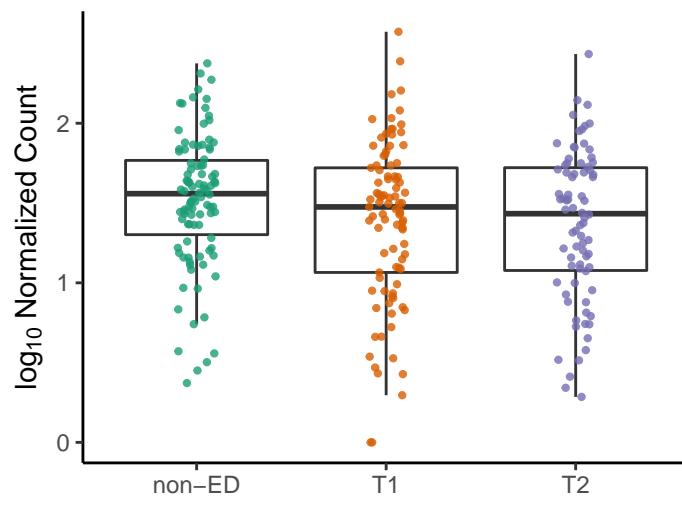
### Unclassified Acetobacteraceae Family

non-ED vs. T1 adjusted p = 0.2  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.95



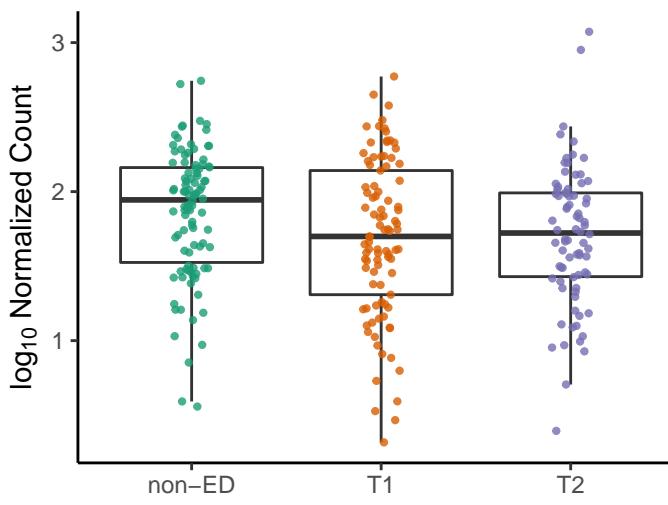
### *Helicobacter apodemus*

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.82



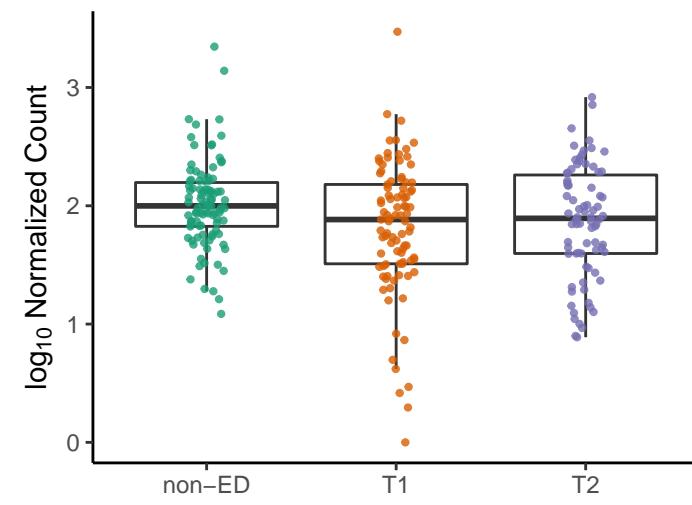
### *Methylophaga nitratireducenscrescens*

non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.97



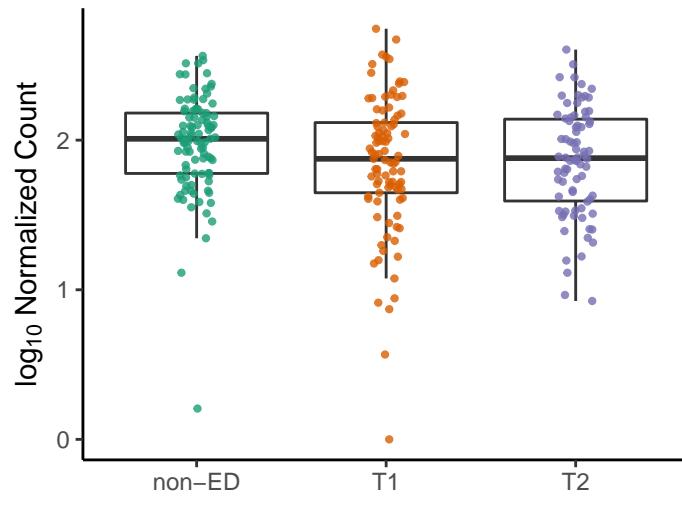
### *Pseudonocardia* sp. HH130629-09

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.68



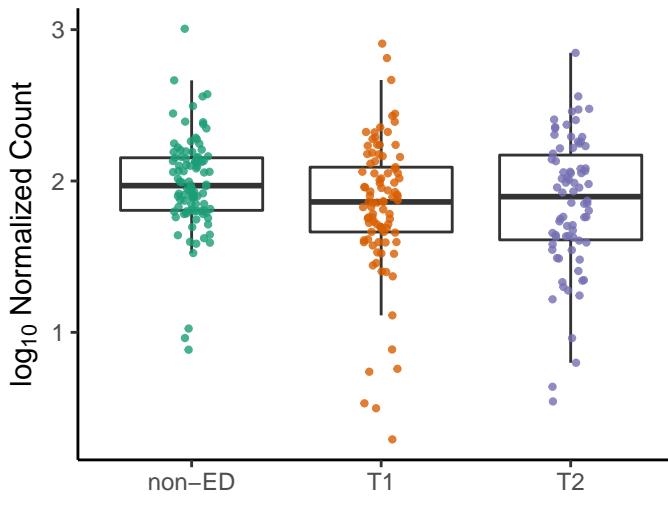
### *Thalassospira marina*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.84



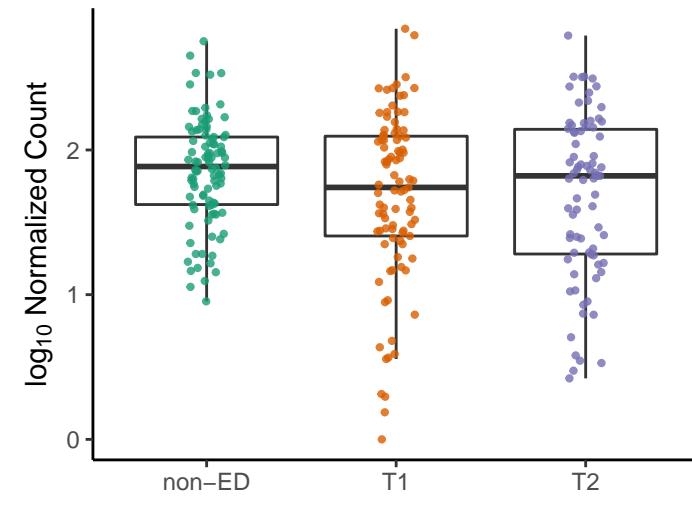
### *Stappia* sp. ES.058

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.82



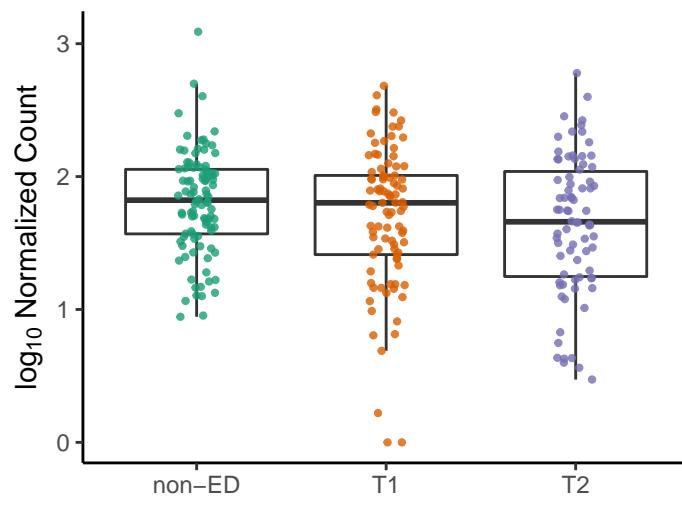
### *Sterolibacteriaceae bacterium J5B*

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.86



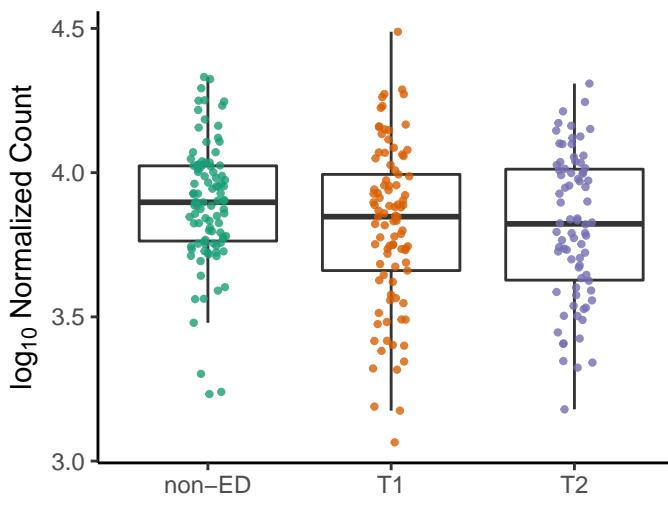
### *Curtobacterium pusillum*

non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.88



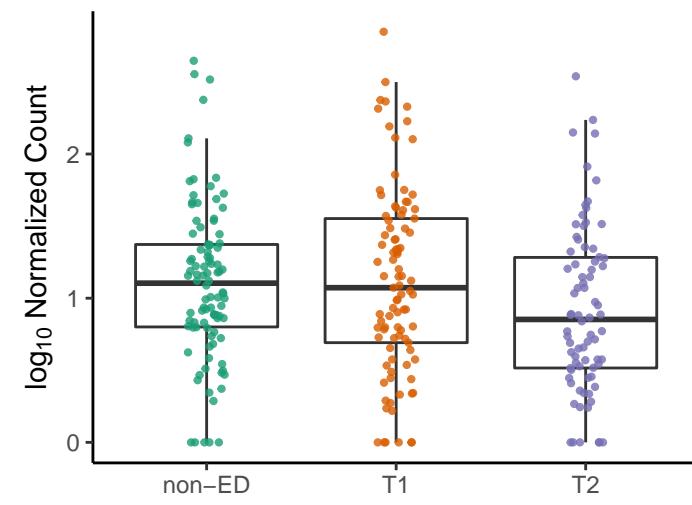
### Unclassified Gammaproteobacteria Cla

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.79



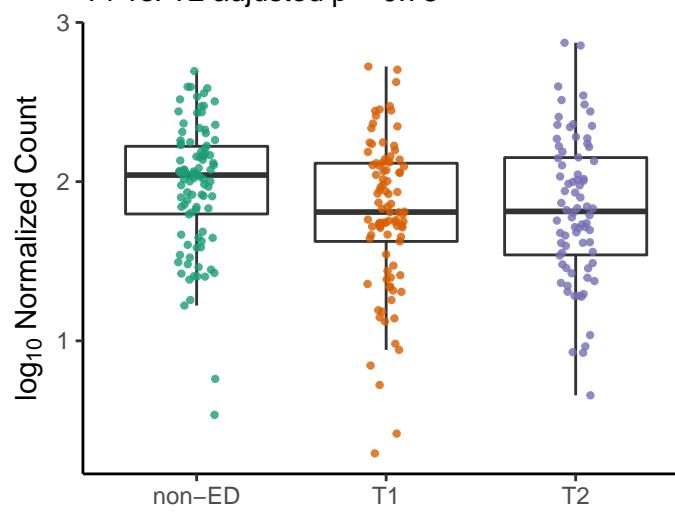
### *Lactobacillus* sp. C25

non-ED vs. T1 adjusted p = 0.94  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.38



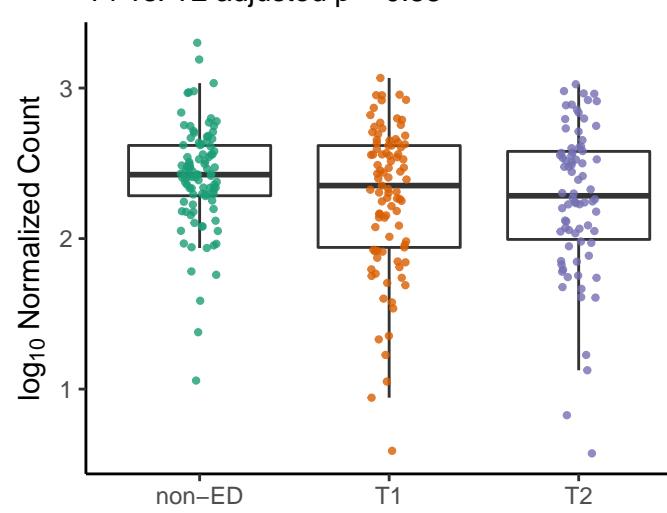
### *Chitinolyticbacter meiyuanensis*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.78



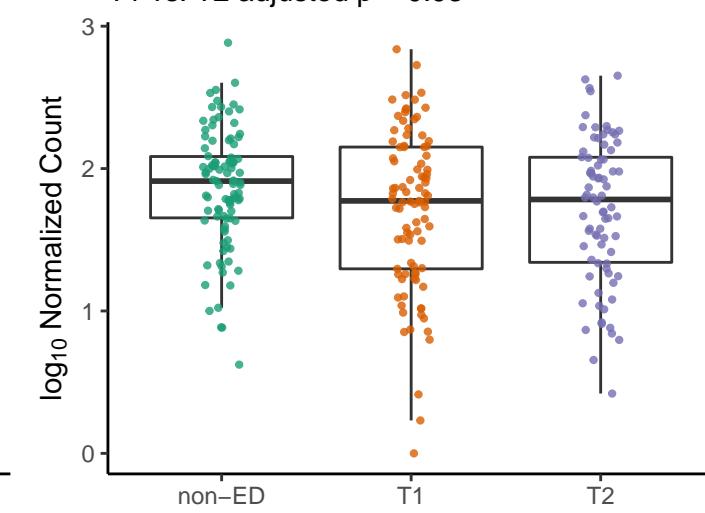
### *Saccharothrix syringae*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.88



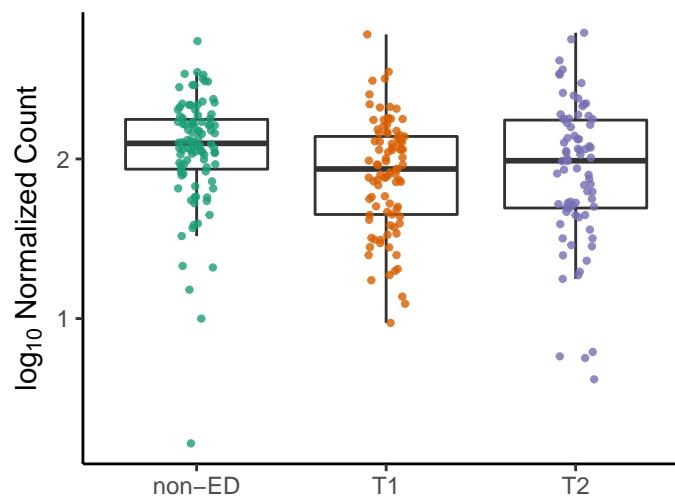
### *Oerskovia* sp. KBS0722

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.93



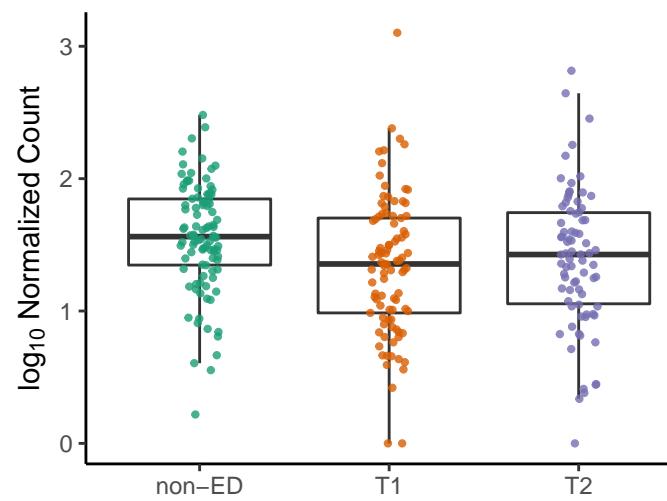
### *Chryseobacterium* sp. NEB161

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.99



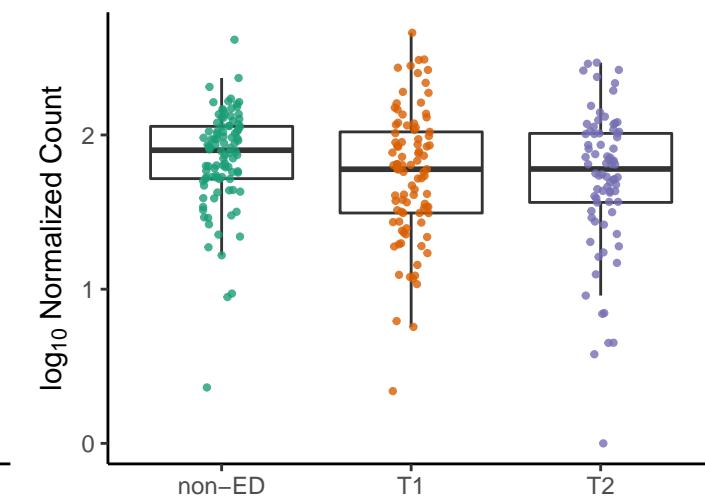
### Unclassified Mannheimia Genus

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.81



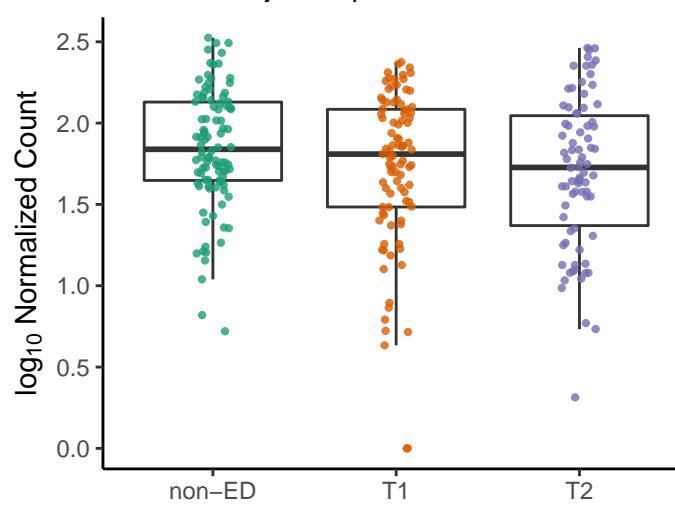
### *Polaribacter* sp. Hel1\_33\_78

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.78



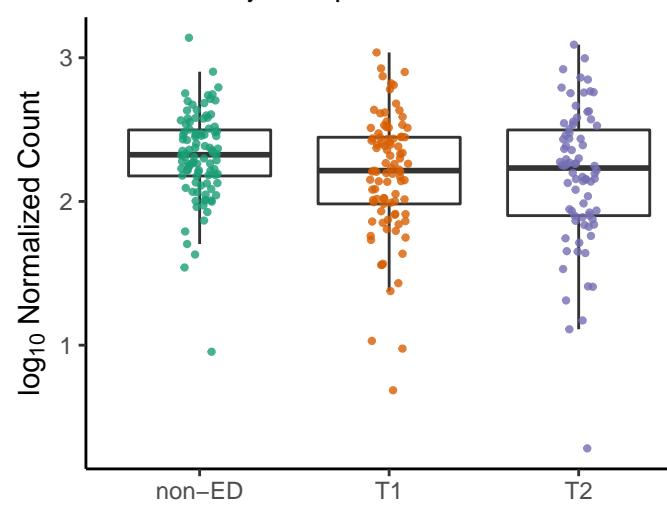
### *Saccharopolyspora* sp. E2A

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.95



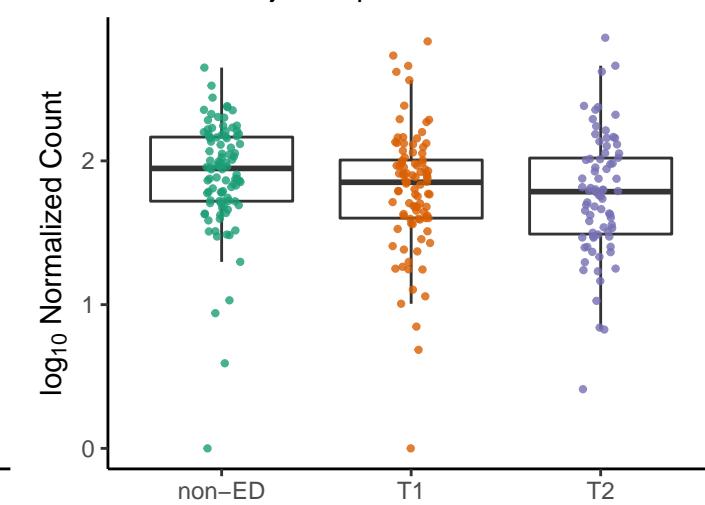
### *Streptomyces* sp. TLI\_053

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.91



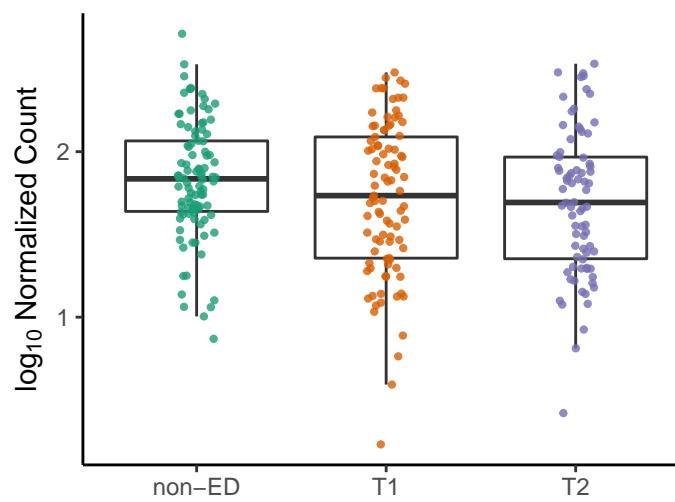
### *Vagococcus teuberi*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.78



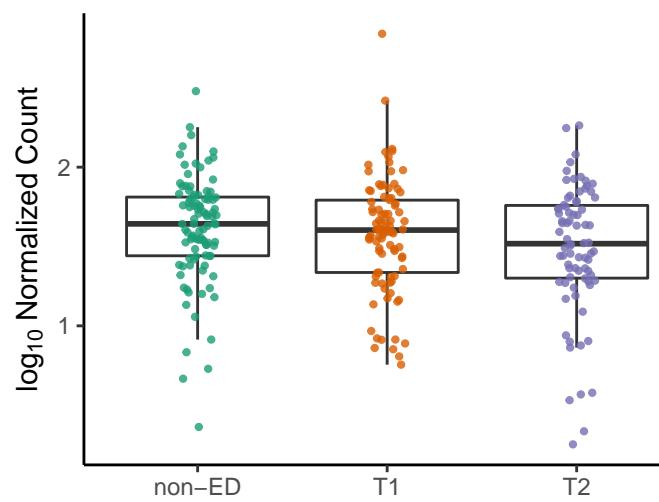
### *Salinibacterium* sp. dk2585

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.97



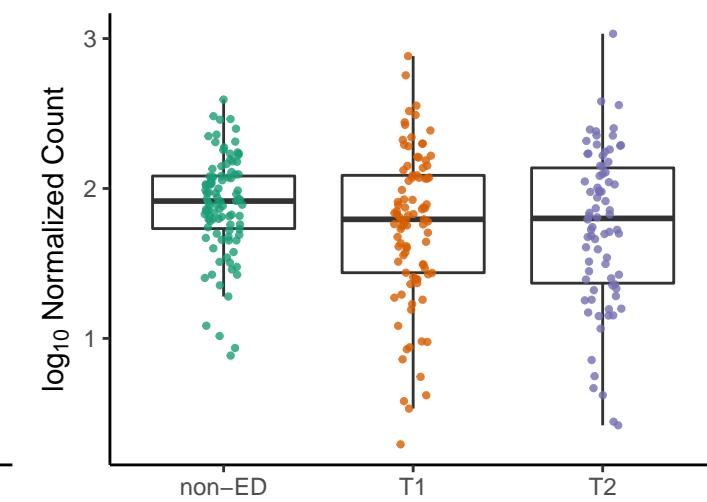
### *Gillisia* sp. Hel1\_33\_143

non-ED vs. T1 adjusted p = 0.54  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.63



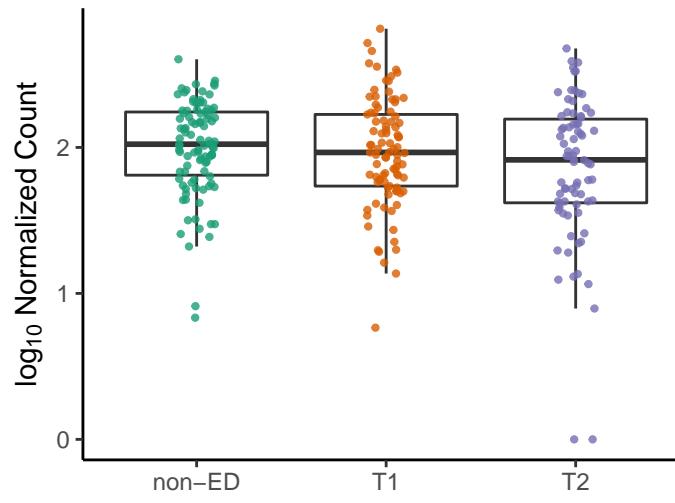
### *Cellulomonas* gilvus

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.98



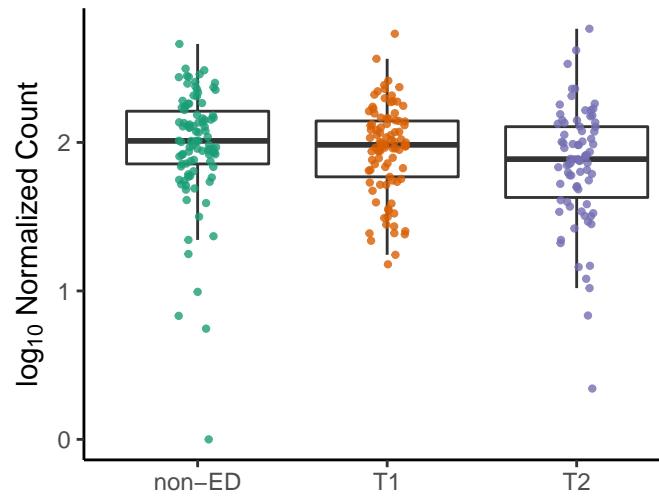
### *Oceanobacillus* kimchii

non-ED vs. T1 adjusted p = 0.65  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.63



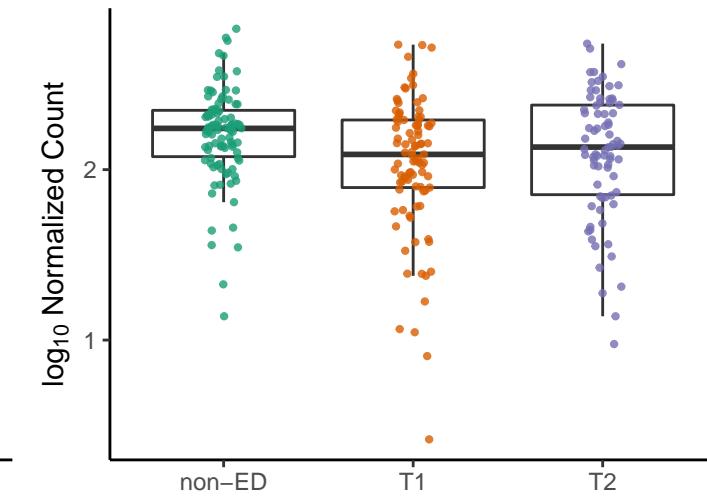
### *Sphingobacterium* sp. ML3W

non-ED vs. T1 adjusted p = 0.67  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.43



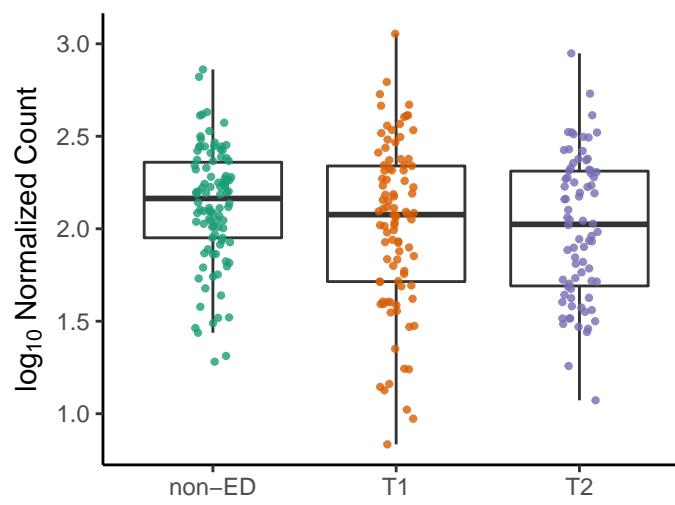
### Unclassified Pantoea Genus

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.63



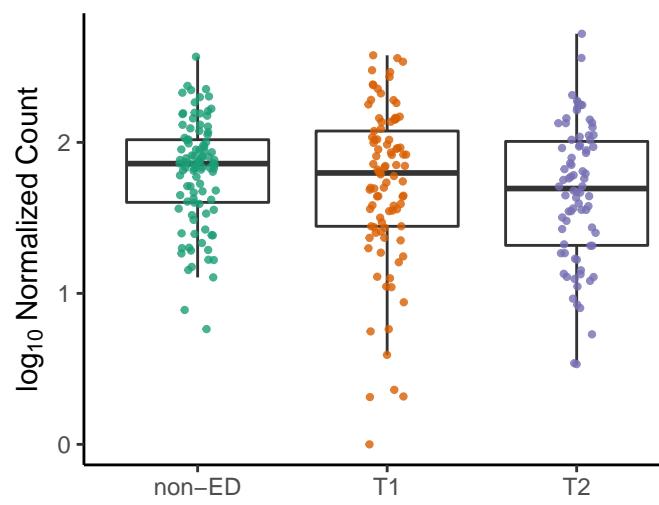
### *Mycobacteroides* abscessus

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.99



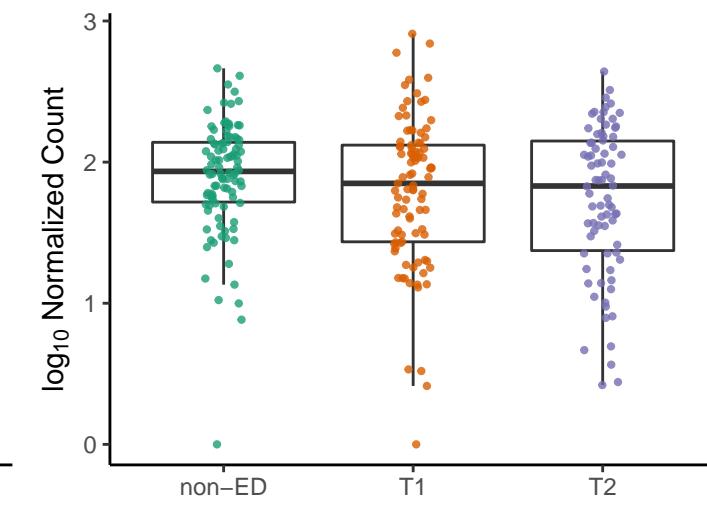
### *Corynebacterium* aquilae

non-ED vs. T1 adjusted p = 0.3  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.87



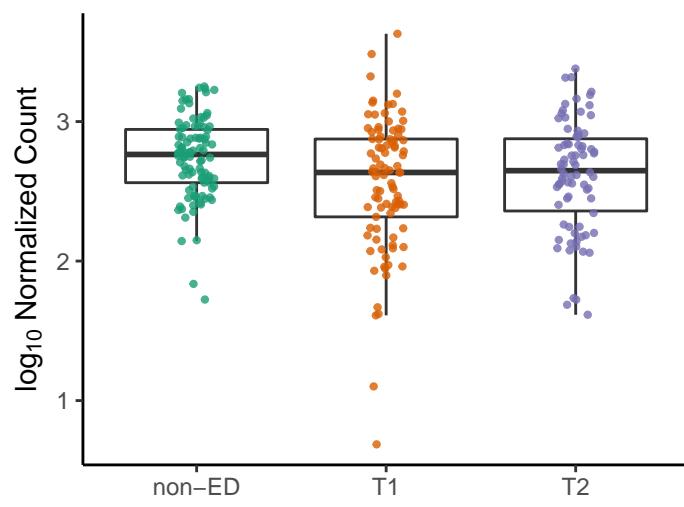
### *Cellulomonas* shaoxiangyii

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.85



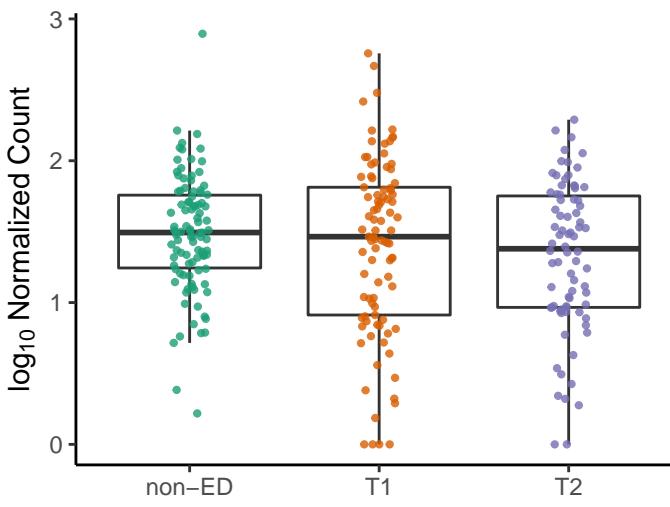
### Unclassified Micromonospora Genus

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.67



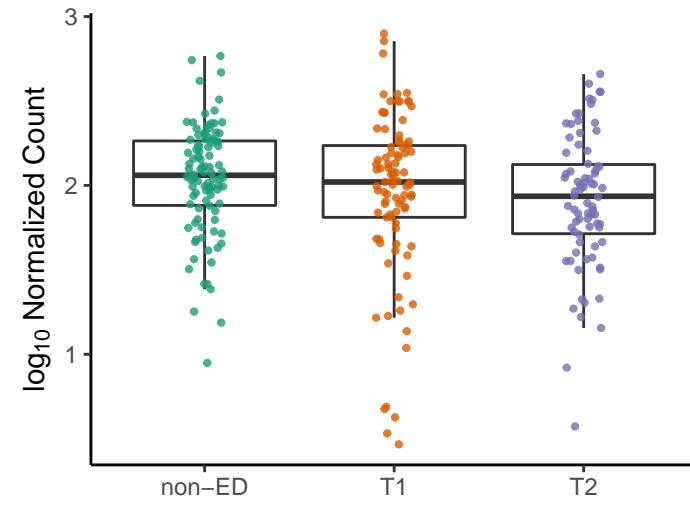
### Unclassified Mycobacteroides Genus

non-ED vs. T1 adjusted p = 0.4  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.79



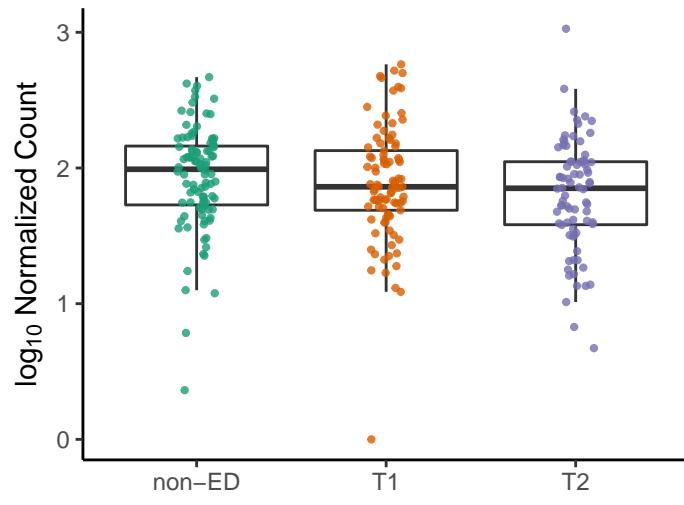
### Azoarcus sp. KH32C

non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.89



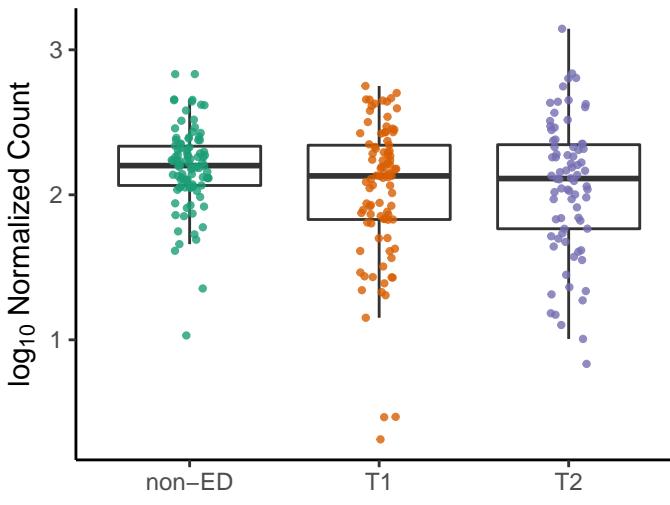
### Bacillus cohnii

non-ED vs. T1 adjusted p = 0.57  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.63



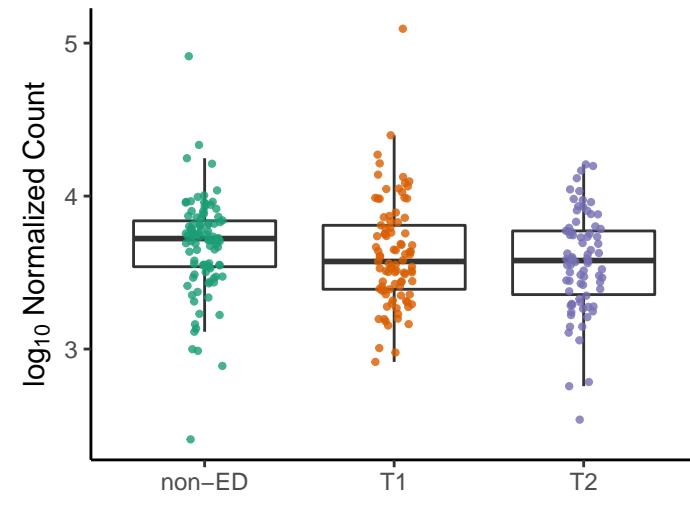
### Bosea vaviloviae

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.77



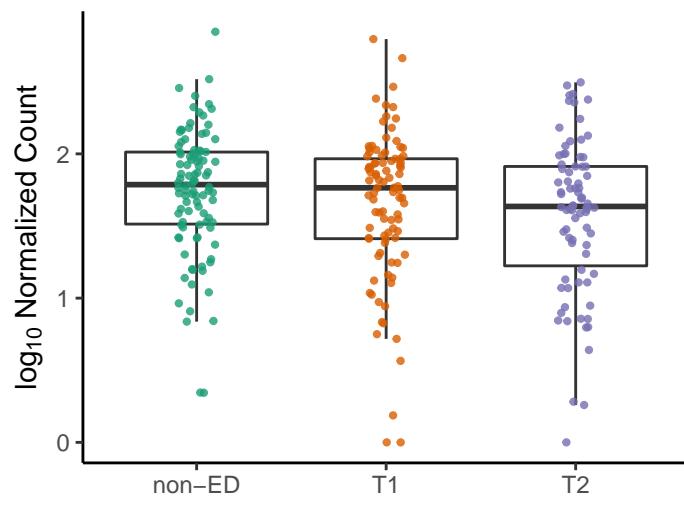
### Enterococcus faecium

non-ED vs. T1 adjusted p = 0.36  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.8



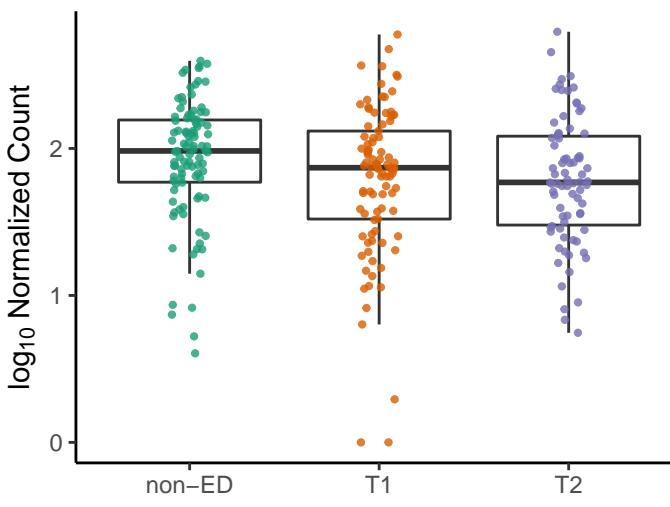
### Sphingomonas sp. C33

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.78



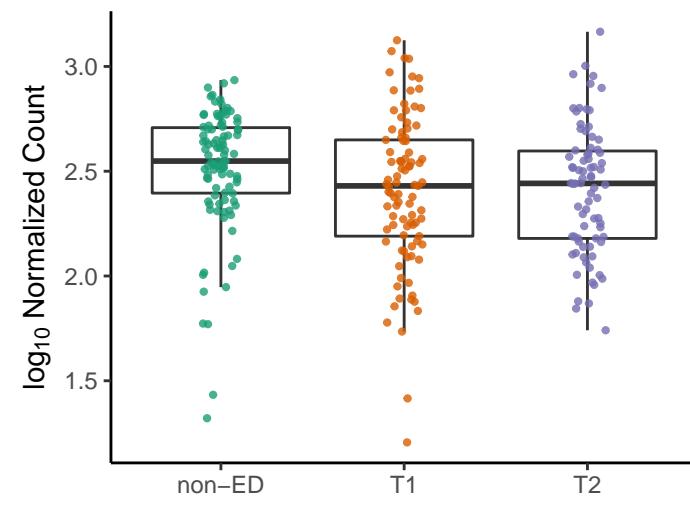
### Achromobacter sp. B7

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.91



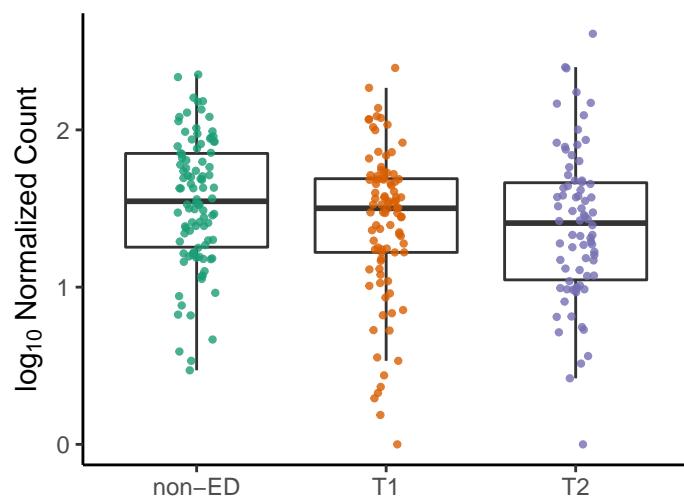
### Gudongella oleilytica

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.86



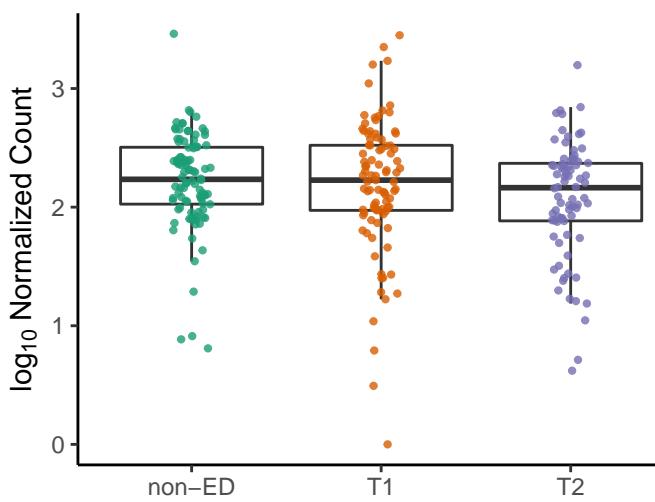
### halophilic archaeon DL31

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.96



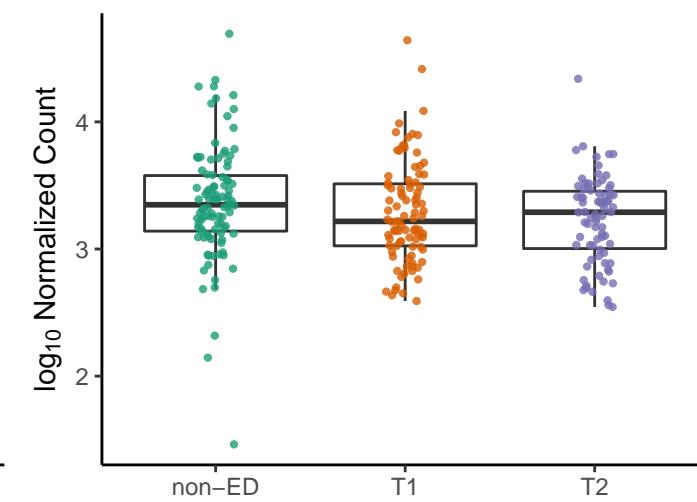
### Roseimicrobium sp. ORNL1

non-ED vs. T1 adjusted p = 0.73  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.67



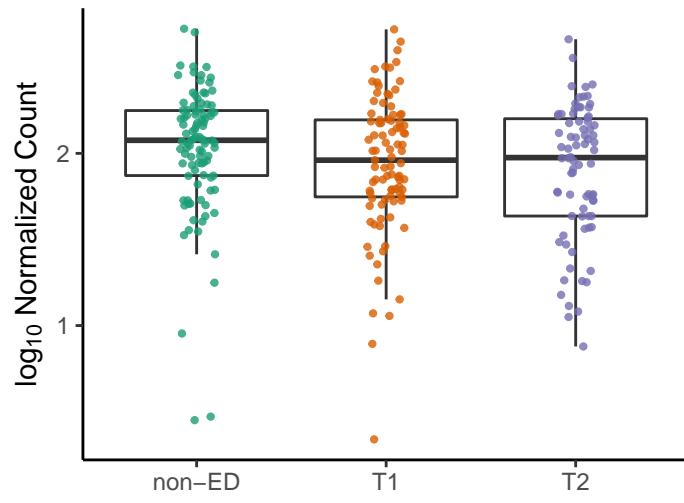
### Streptococcus suis

non-ED vs. T1 adjusted p = 0.31  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.83



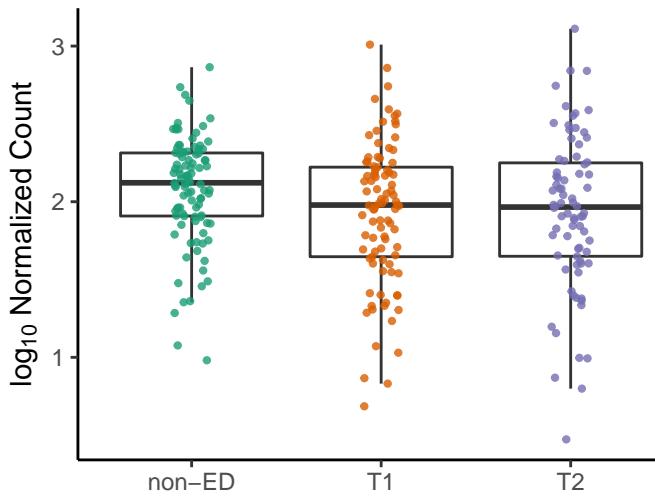
### Tetrapisispora blattae

non-ED vs. T1 adjusted p = 0.23  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.7



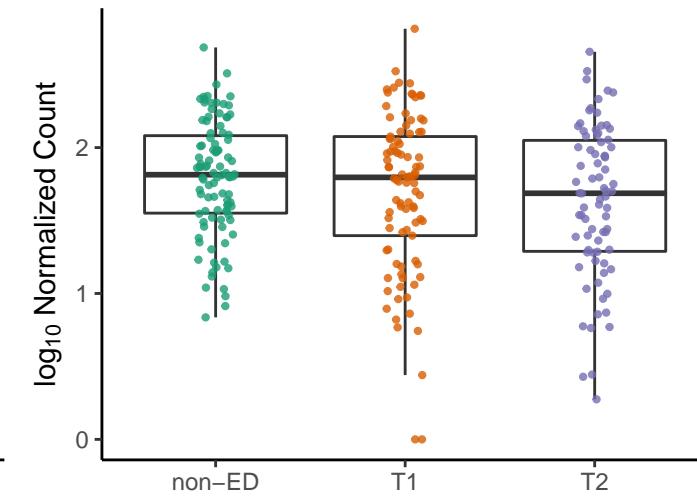
### Arthrobacter dokdonellae

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.87



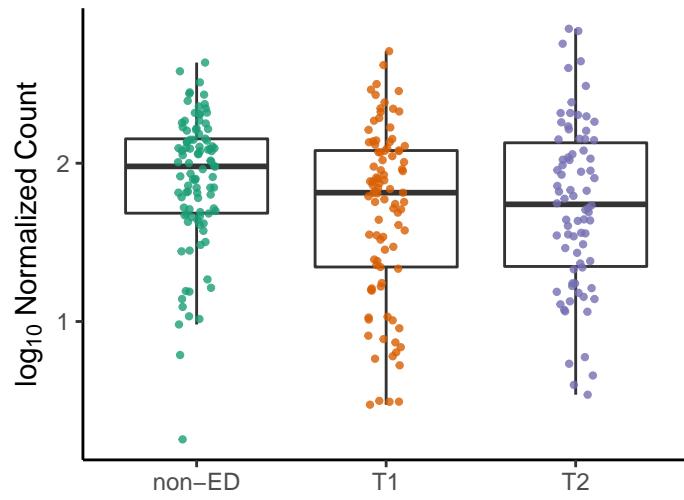
### Sericicoccus chungangensis

non-ED vs. T1 adjusted p = 0.26  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.97



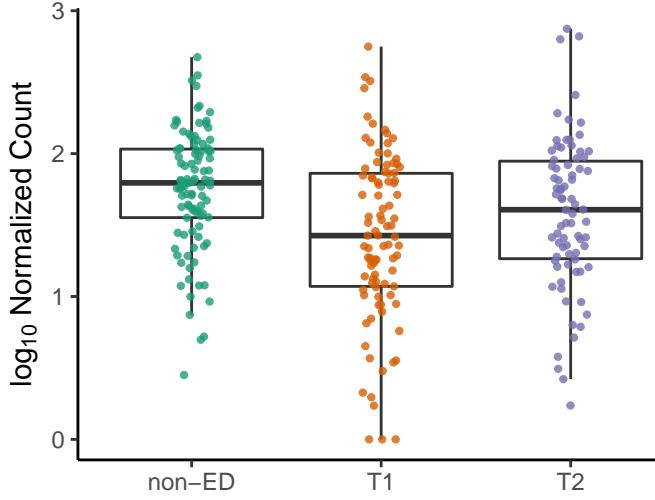
### Microbacterium sp. BH-3-3-3

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.74



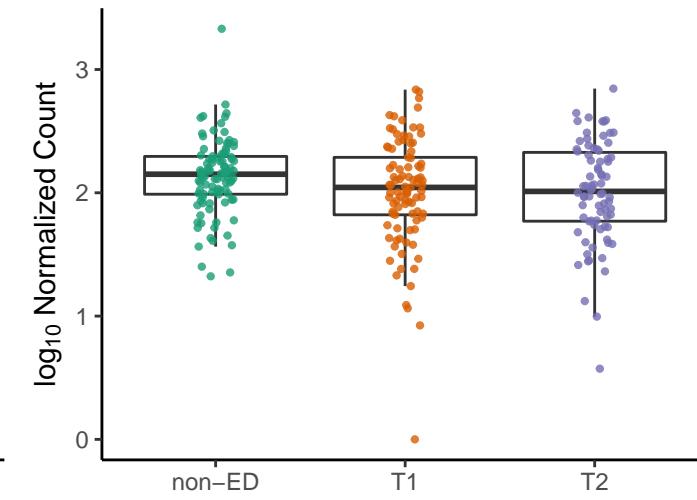
### Dichelobacter nodosus

non-ED vs. T1 adjusted p = 0.00073  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.27



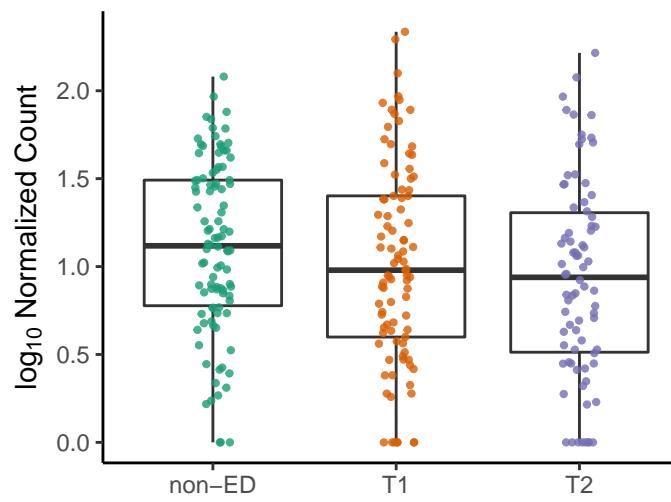
### Cupriavidus basilensis

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.88



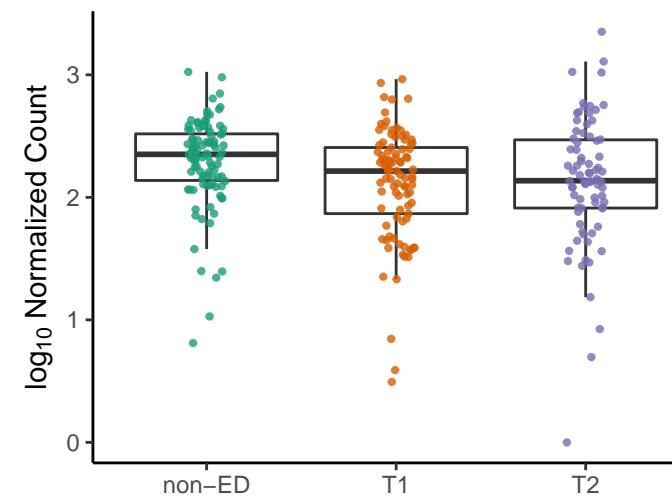
### *Mycoplasma struthionis*

non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.71



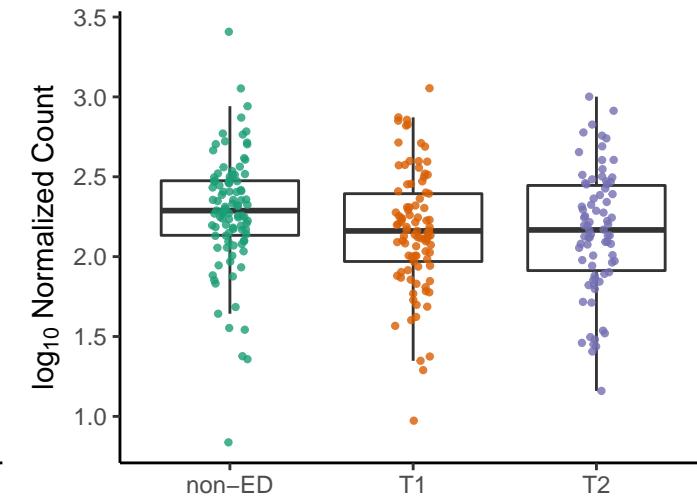
### *Vogesella sp. LIG4*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.86



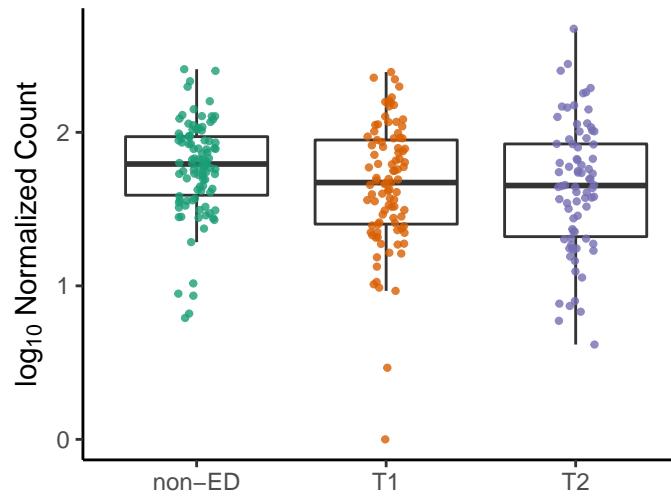
### *Tetragenococcus halophilus*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.87



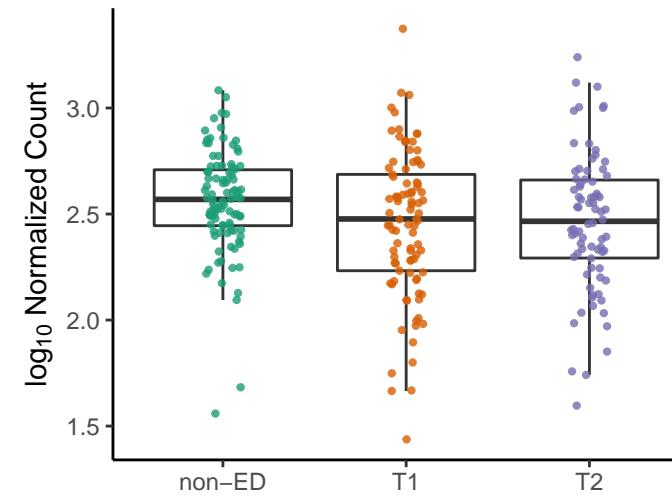
### *Burkholderia pyrrocinia*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.91



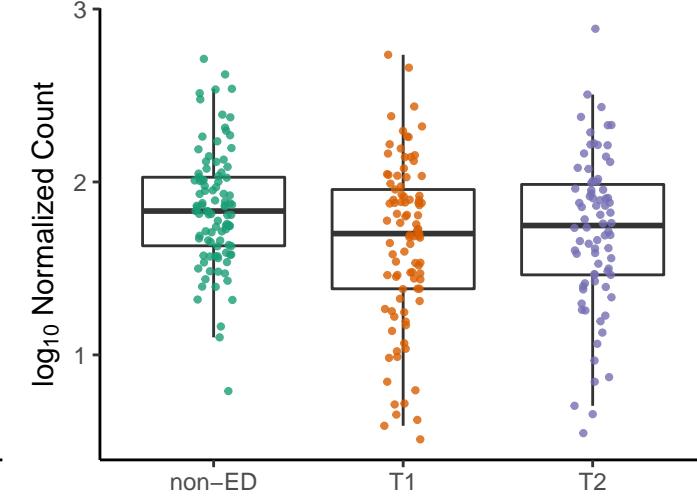
### *Desulfallas gibsoniae*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.94



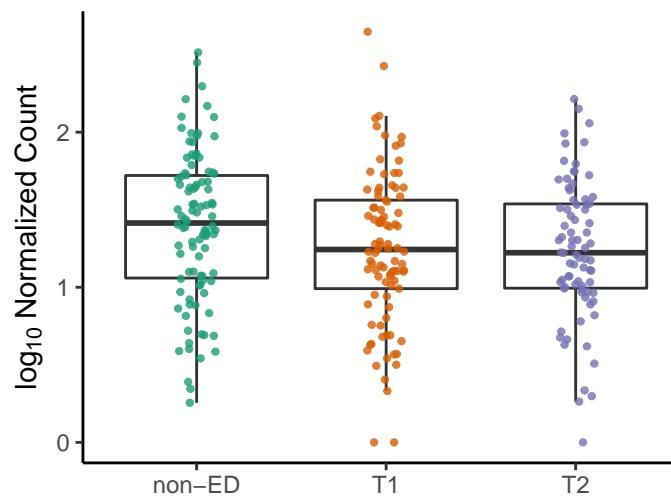
### *Mycobacteroides salmoniphilum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.67



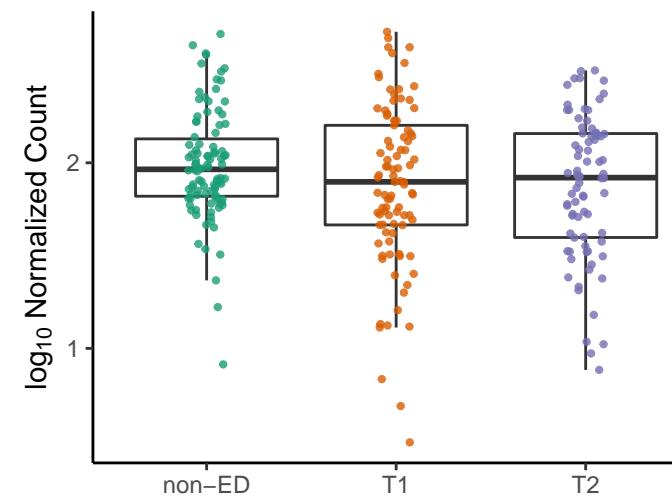
### *Rhodoluna lacicola*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 1



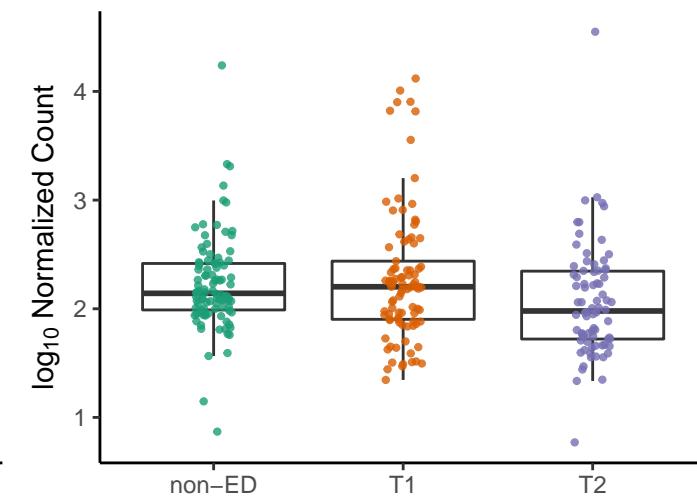
### *Methylococcus capsulatus*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.86

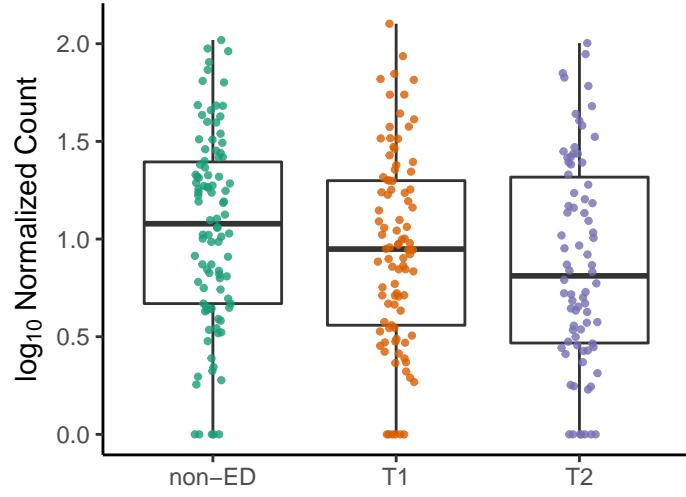


### *Citrobacter freundii*

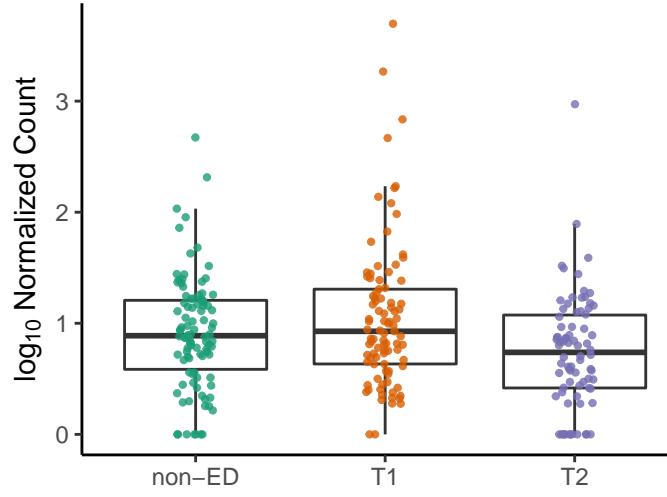
non-ED vs. T1 adjusted p = 0.57  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.16



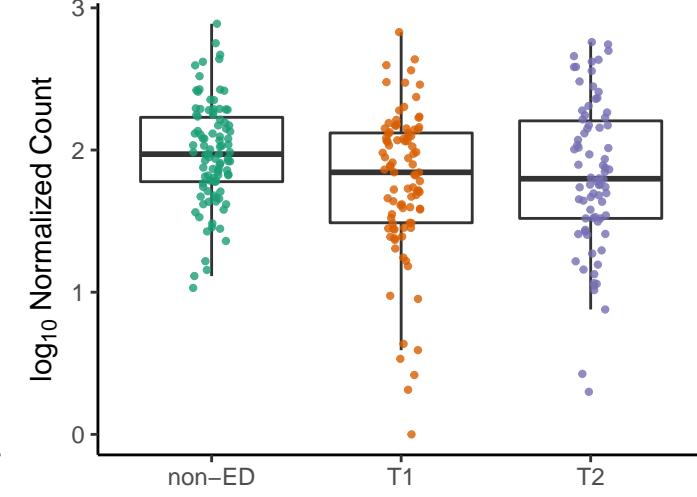
**Bartonella schoenbuchensis**  
non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.77



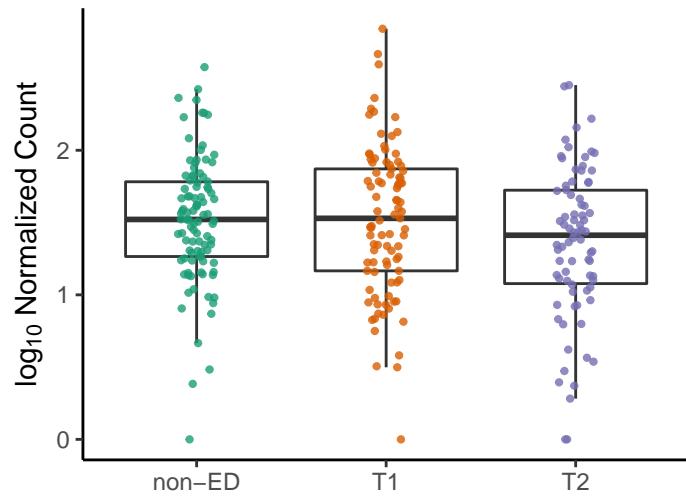
**Citrobacter youngae**  
non-ED vs. T1 adjusted p = 0.2  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.037



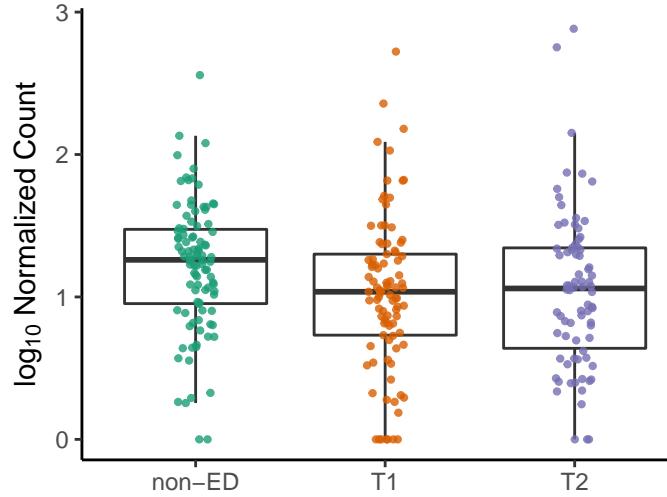
**Ensifer sojae**  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.71



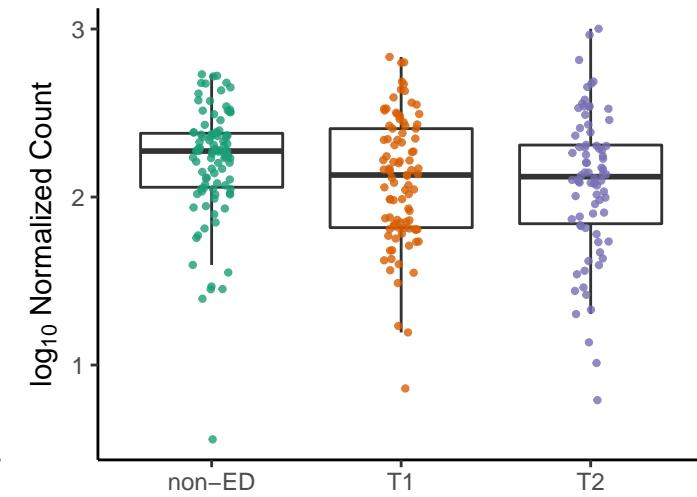
**Tardibacter chloracetamidivorans**  
non-ED vs. T1 adjusted p = 0.97  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.64



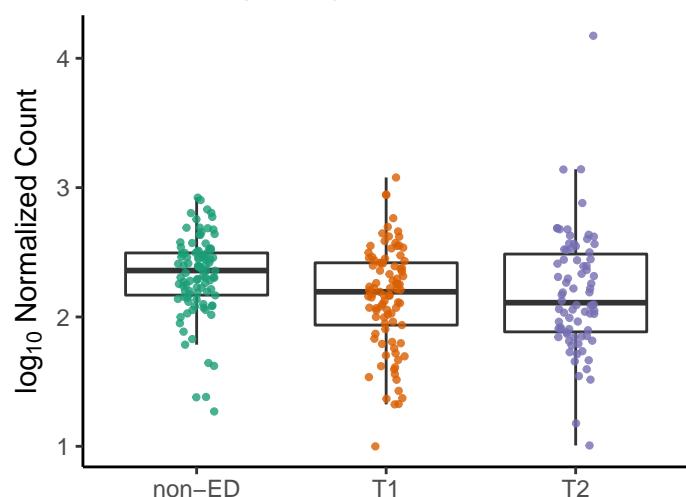
**Unclassified Epsilonproteobacteria Class**  
non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.93



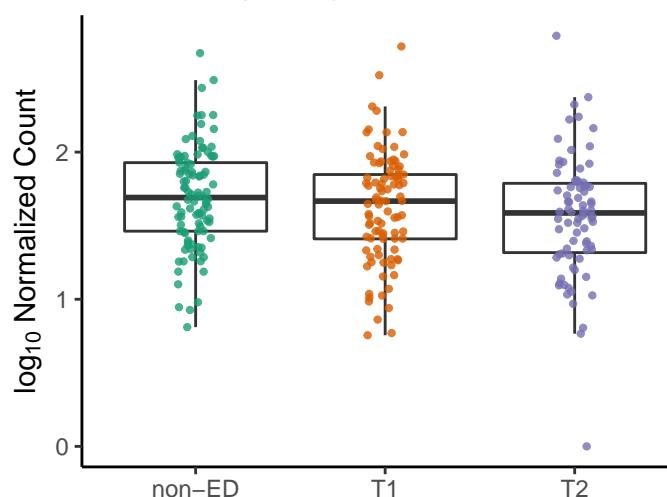
**Streptococcus porcinus**  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.95



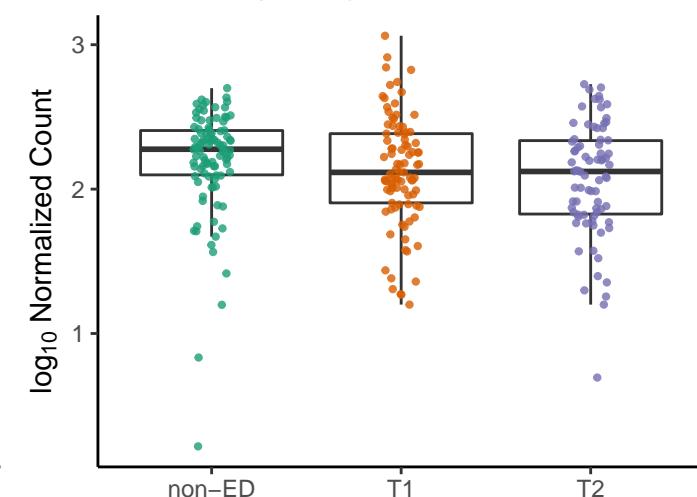
**Geobacter daltonii**  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.7



**Pseudoalteromonas spongiae**  
non-ED vs. T1 adjusted p = 0.31  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.77

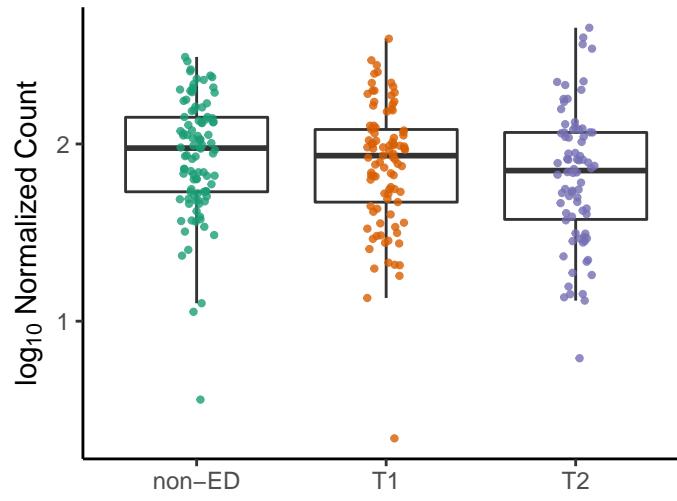


**Clostridium sp. AWRP**  
non-ED vs. T1 adjusted p = 0.33  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.73



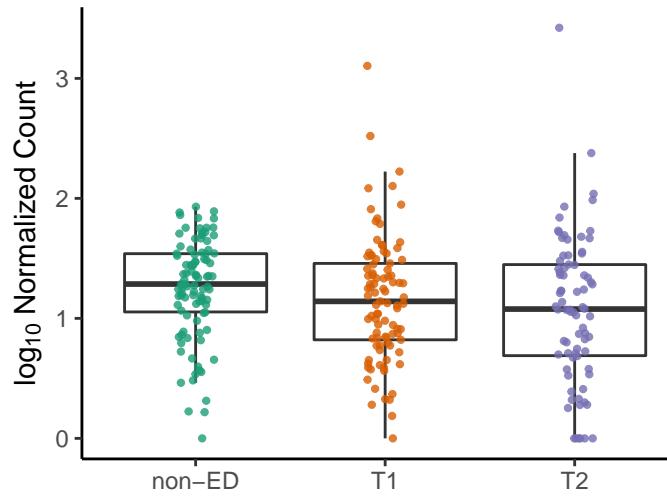
### *Bacillus butanolivorans*

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.72



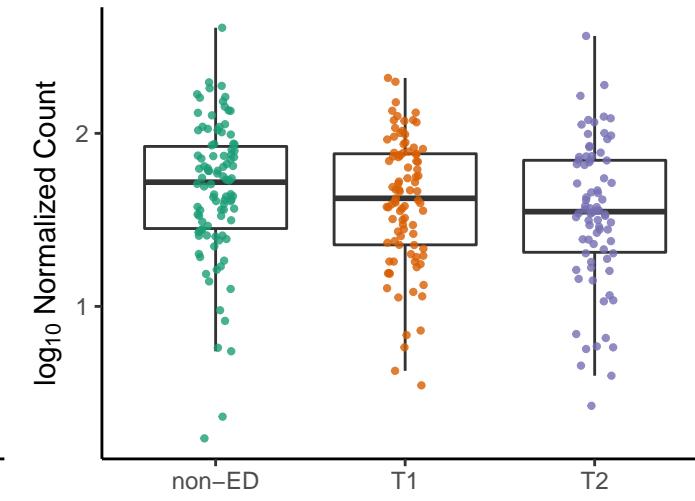
### *Acidianus sulfidivorans*

non-ED vs. T1 adjusted p = 0.28  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.7



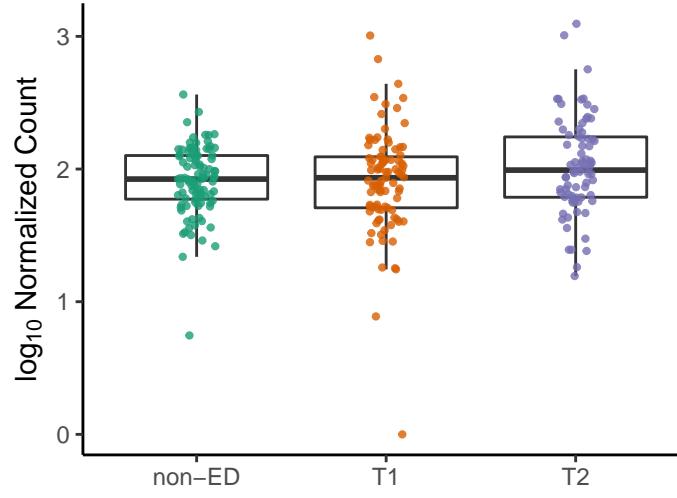
### *Algiphagus sanaruensis*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.71



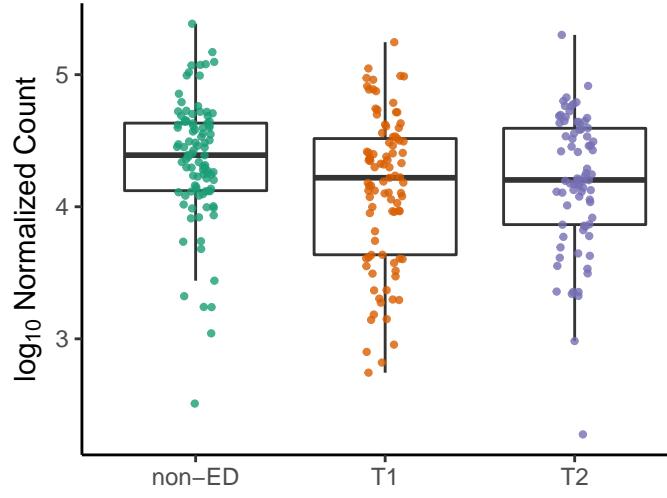
### *Tolumonas auensis*

non-ED vs. T1 adjusted p = 0.94  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.62



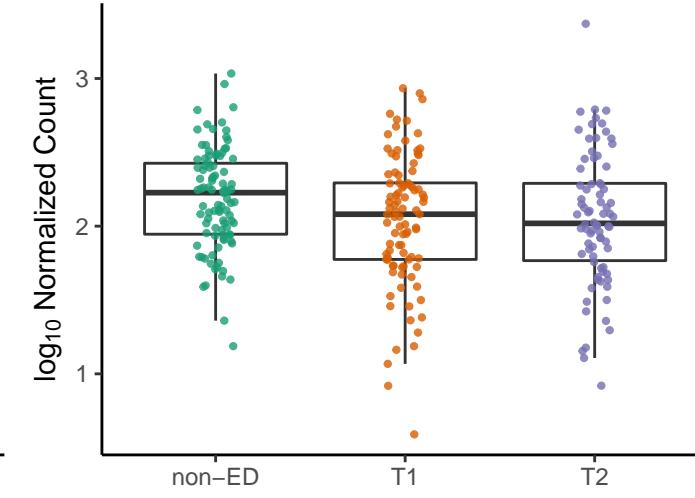
### *Christensenella minuta*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.77



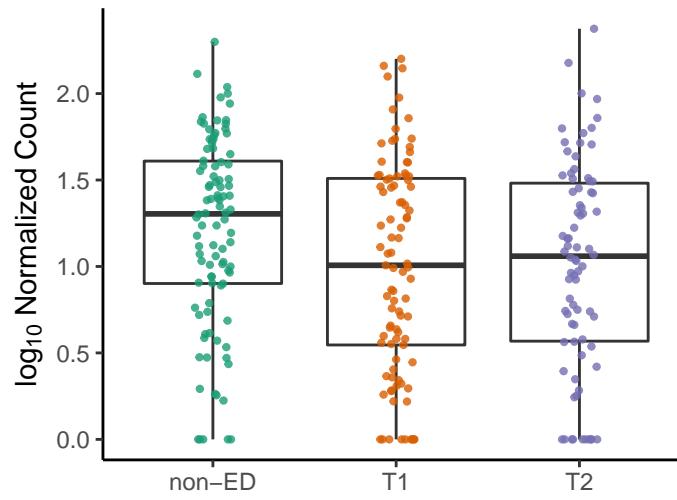
### *Actinomyces radicidentis*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.78



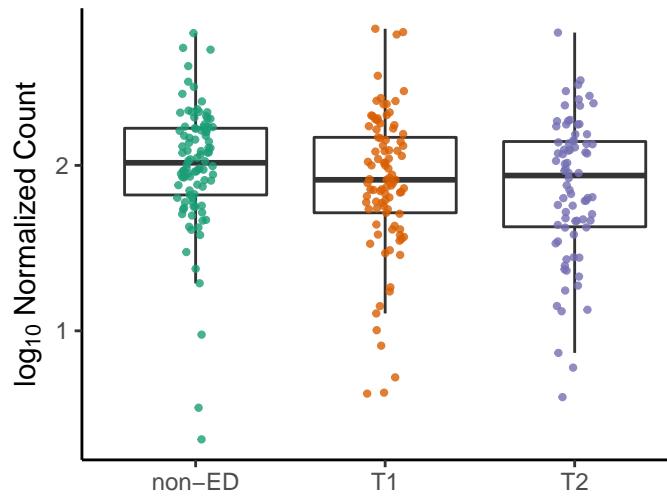
### *Chromobacterium rhizoryzae*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.97



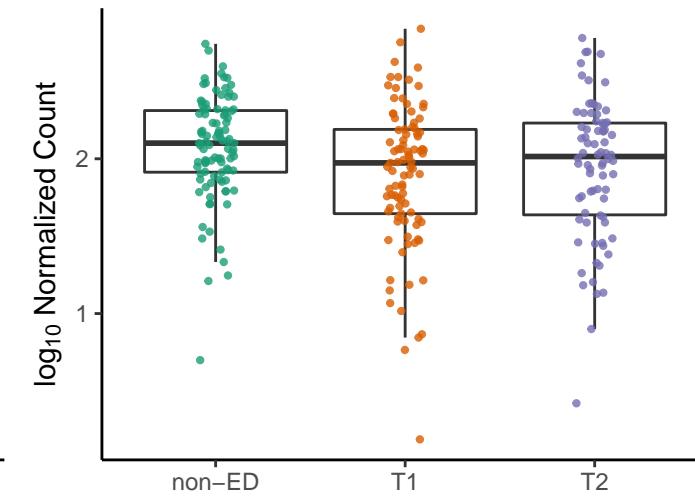
### *Fibrella sp. ES10-3-2-2*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.9



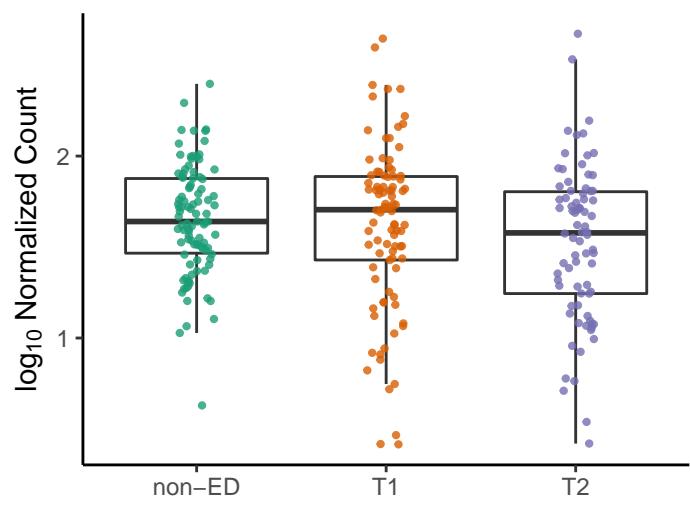
### *Antarctobacter heliothermus*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.72



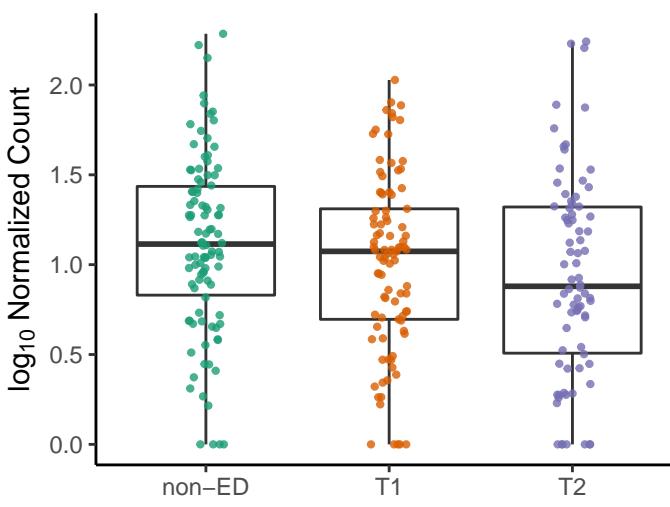
### *Bradyomonadales* bacterium V1718

non-ED vs. T1 adjusted p = 0.71  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.67



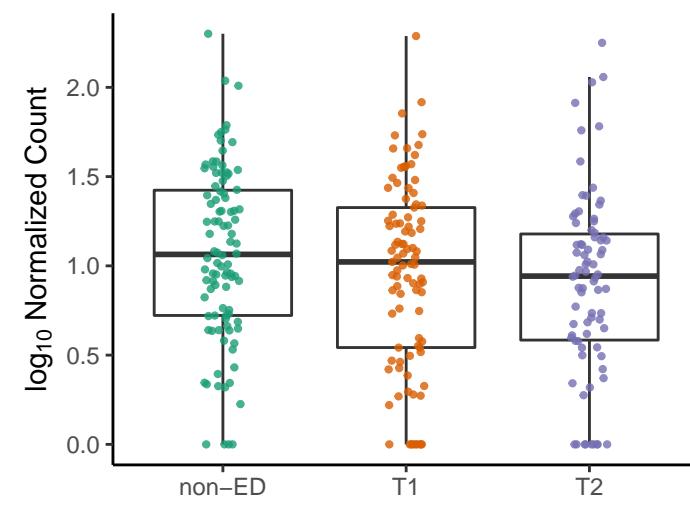
### *Campylobacter lanienae*

non-ED vs. T1 adjusted p = 0.27  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.76



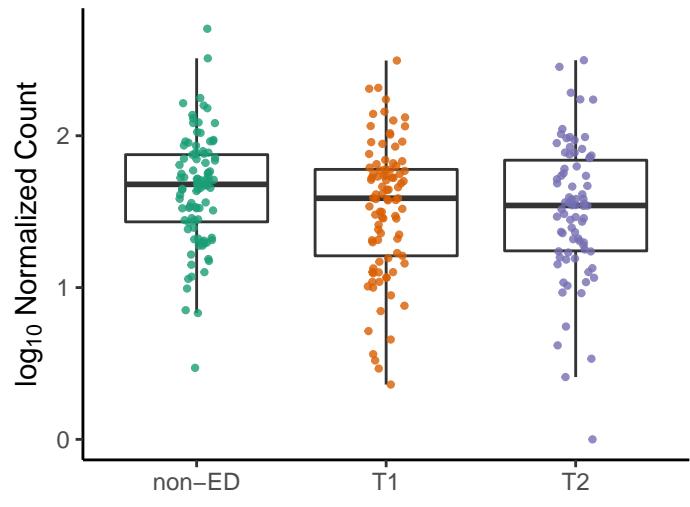
### *Cupriavidus* sp. USMAA2–4

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.91



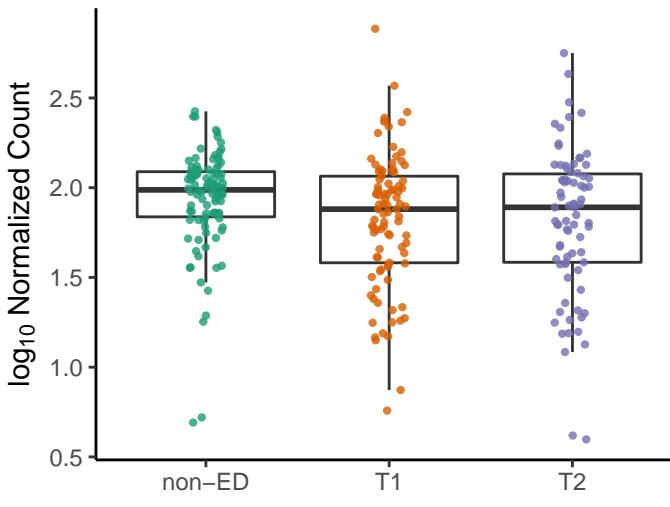
### *Francisella adeliensis*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.93



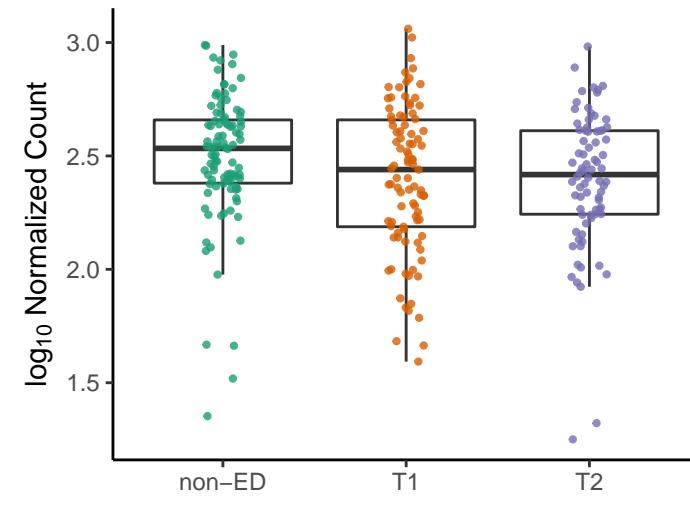
### *Photobacterium damselae*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.92



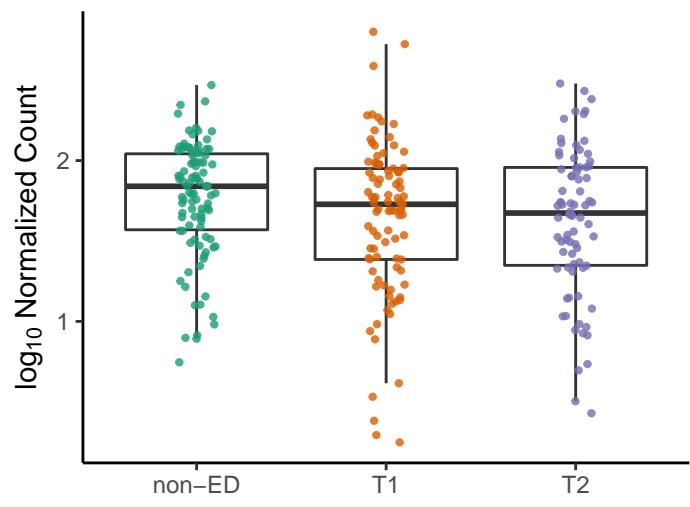
### *Sporosarcina ureae*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.93



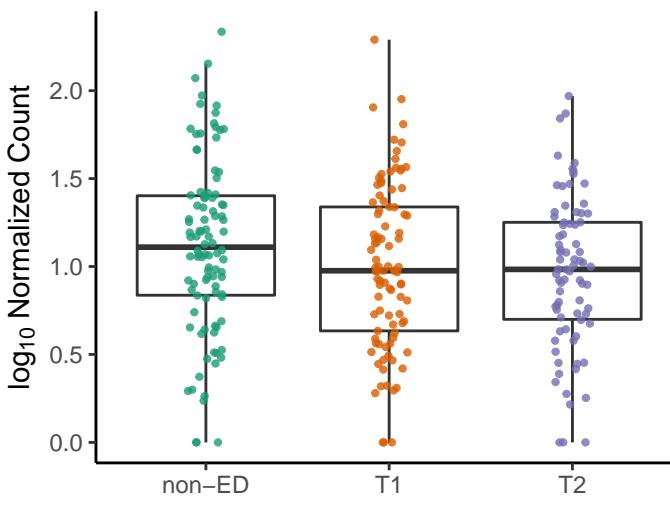
### *Nocardioides* sp. dk3136

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.98



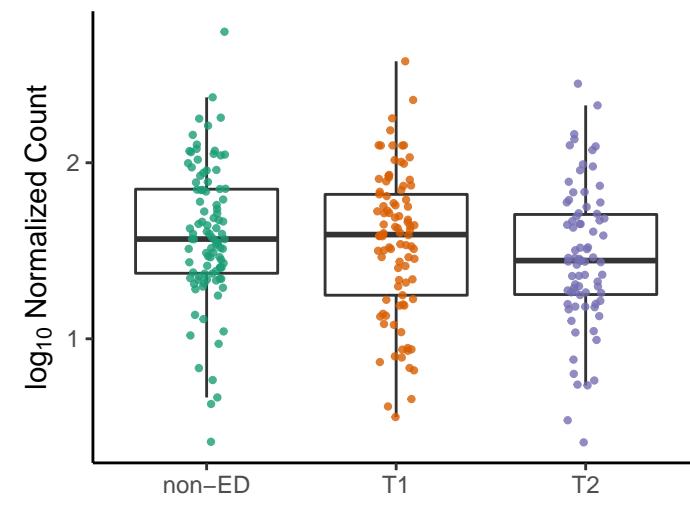
### *Campylobacter peloridis*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 1



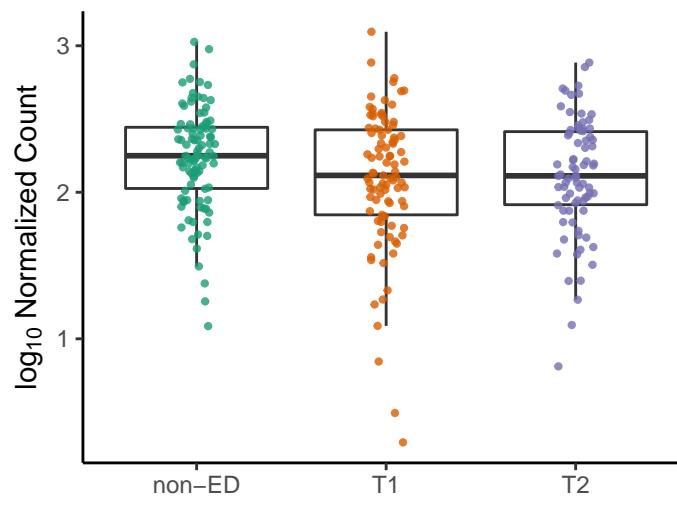
### *Rheinheimera* sp. LHK132

non-ED vs. T1 adjusted p = 0.5  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.71



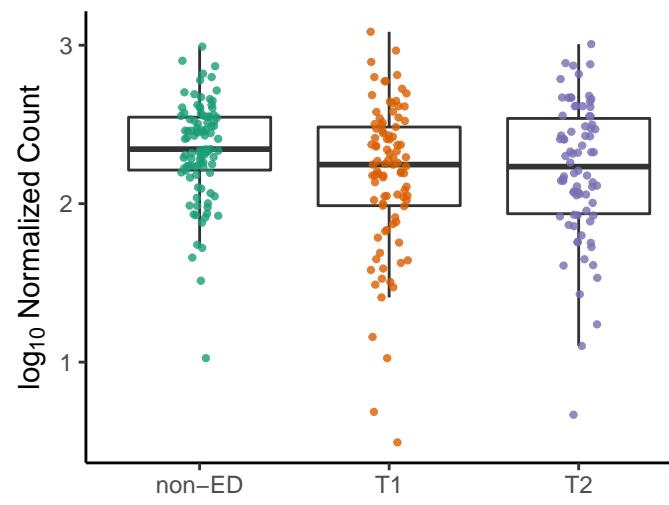
### Rhodoferax koreense

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.77



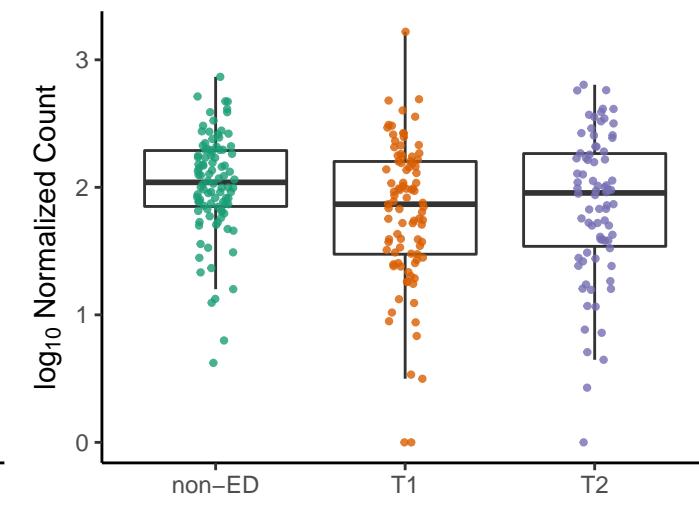
### Salinibacter ruber

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.8



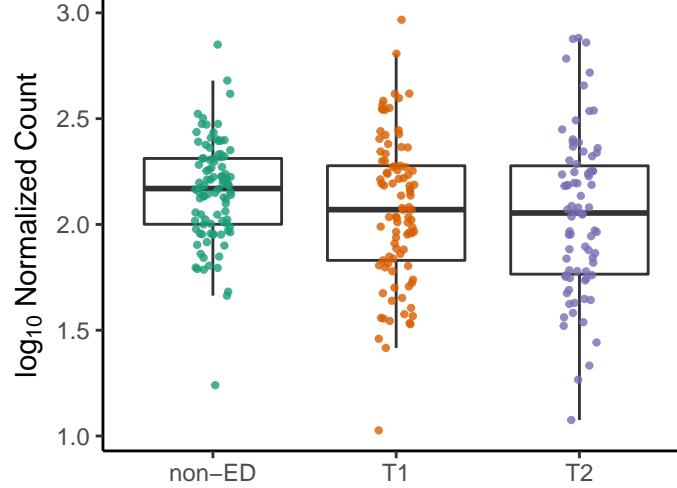
### Agrococcus jejuensis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.71



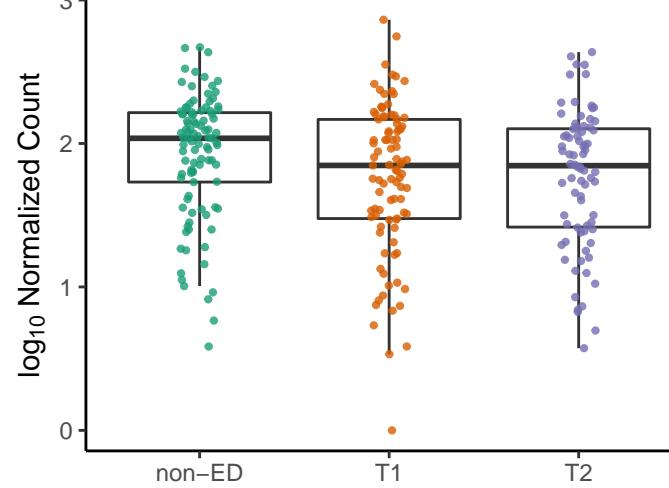
### Unclassified Brenneria Genus

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.88



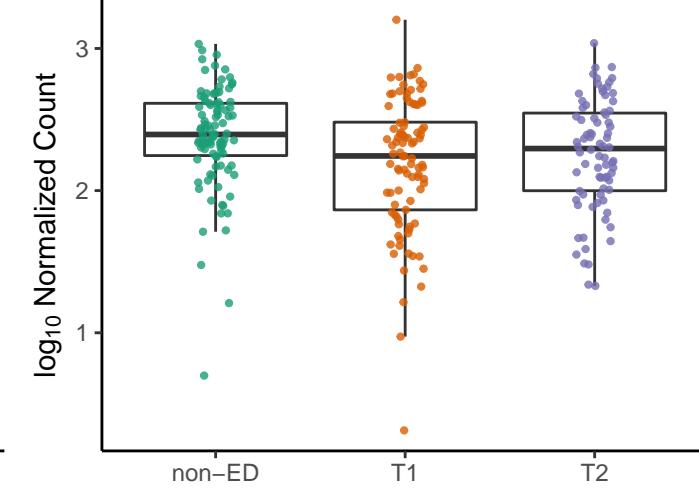
### Mycolicibacterium parafortuitum

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.83



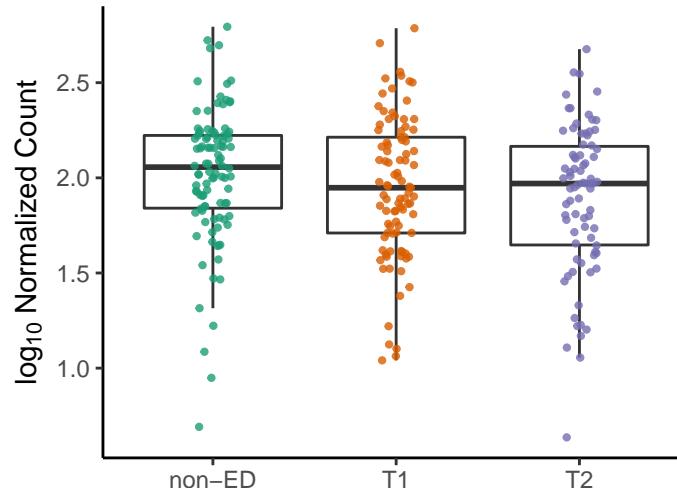
### Tepidiforma bonchoscsmolovskayae

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.55



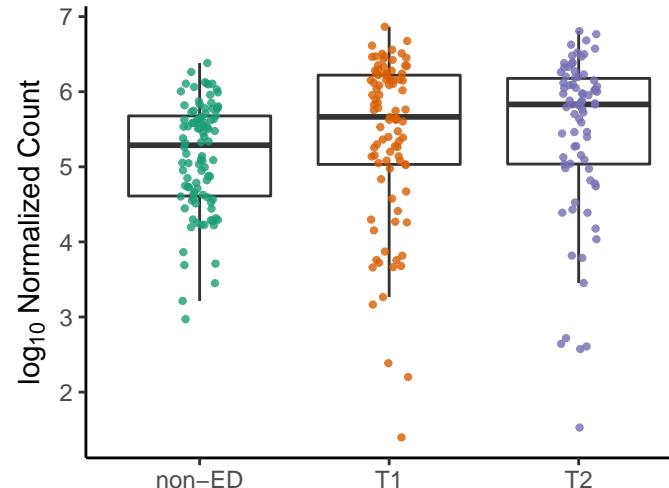
### Pseudodesulfovibrio piezophilus

non-ED vs. T1 adjusted p = 0.29  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.89



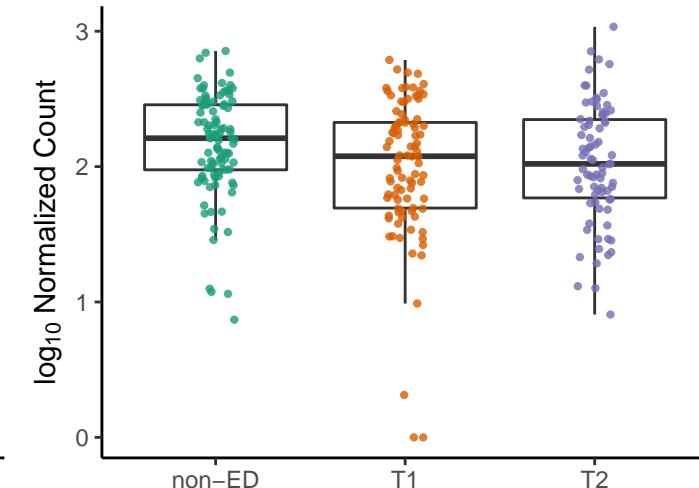
### Bacteroides vulgatus

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.92



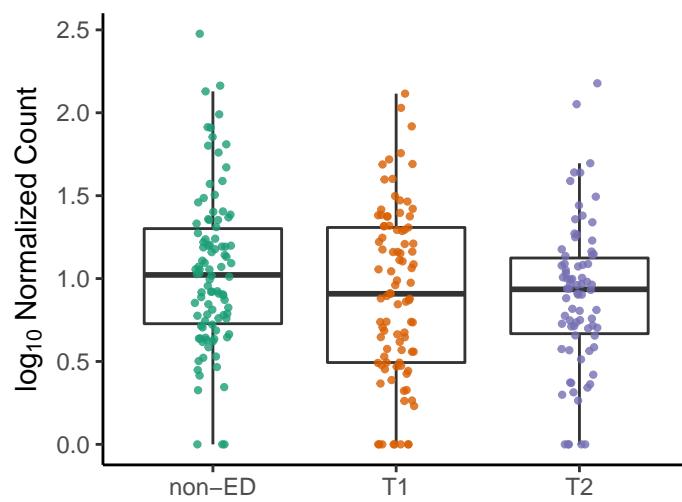
### Deinococcus actinoscleris

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.77



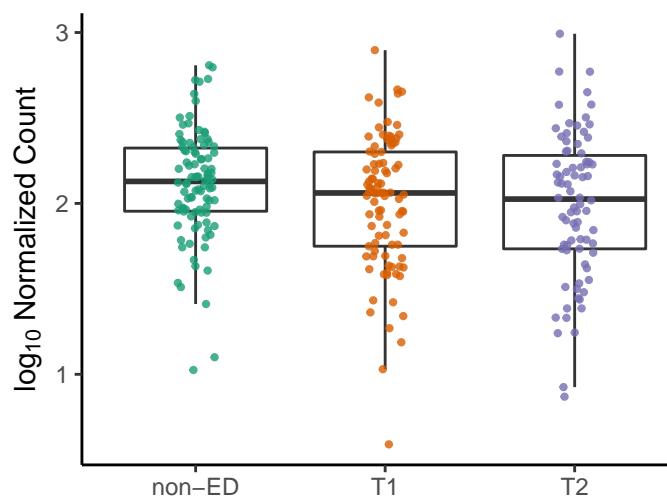
### *Hydrogenovibrio thermophilus*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.95



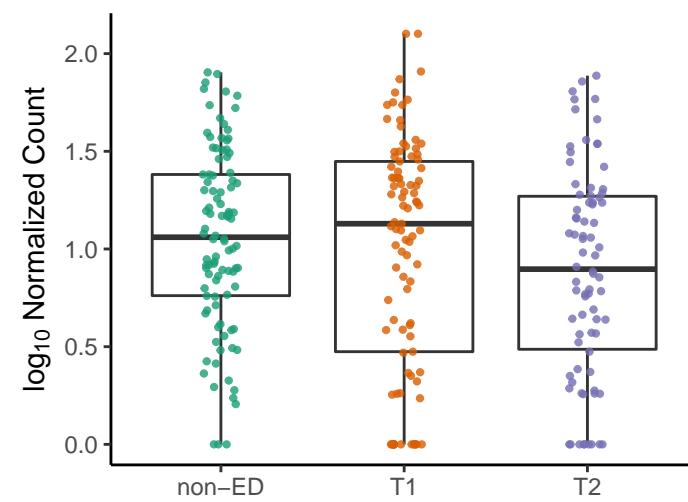
### *Brevibacterium aurantiacum*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.94



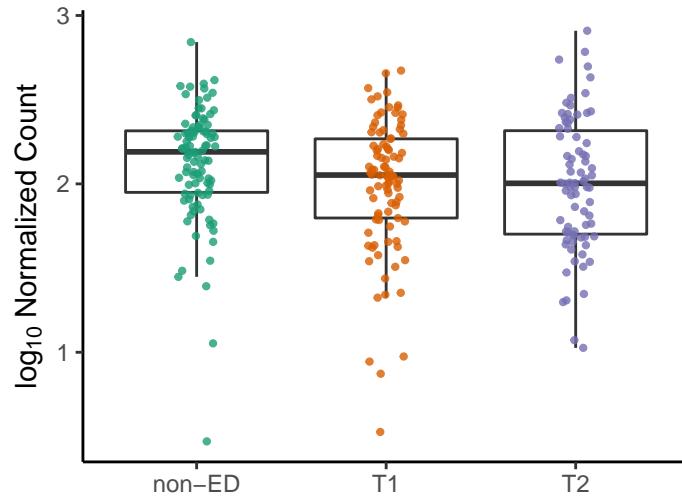
### *Xanthomonas phaseoli*

non-ED vs. T1 adjusted p = 0.54  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.7



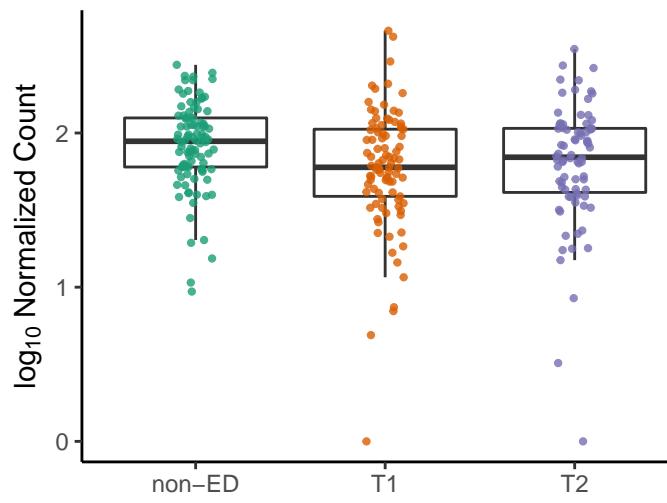
### *Bacillus sp. X1(2014)*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.98



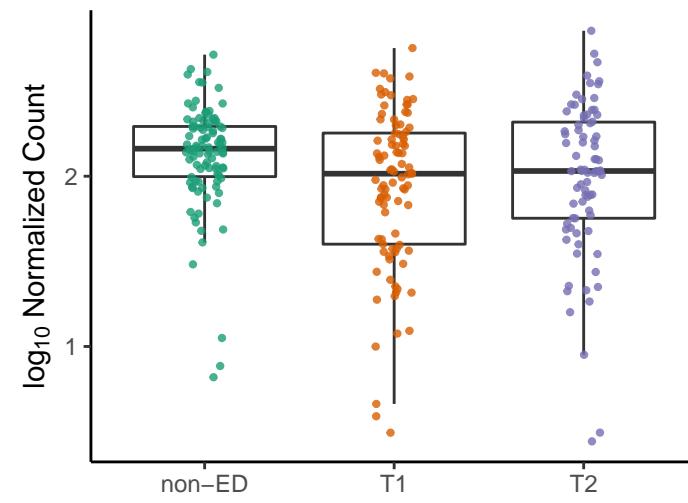
### *Bacillus tequilensis*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.89



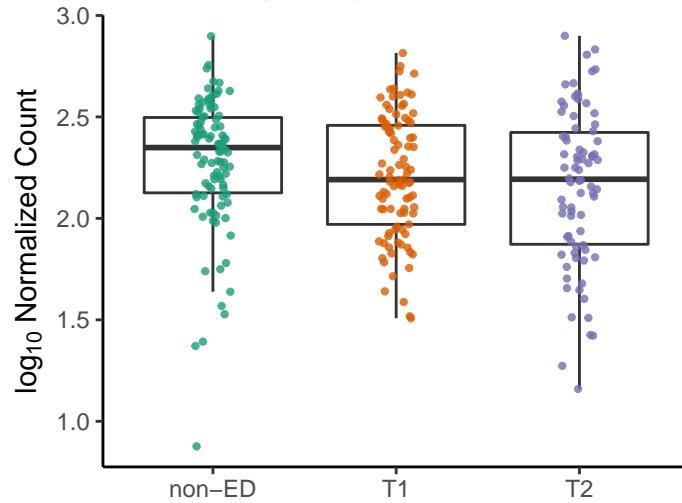
### *Verminephrobacter eiseniae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.66



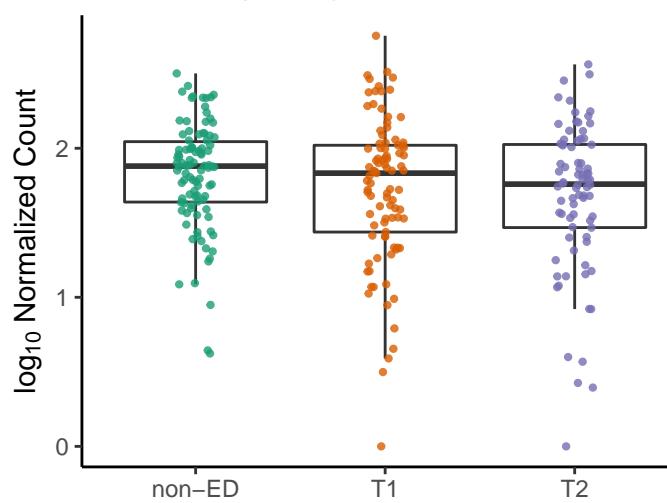
### *Bacillus circulans*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.77



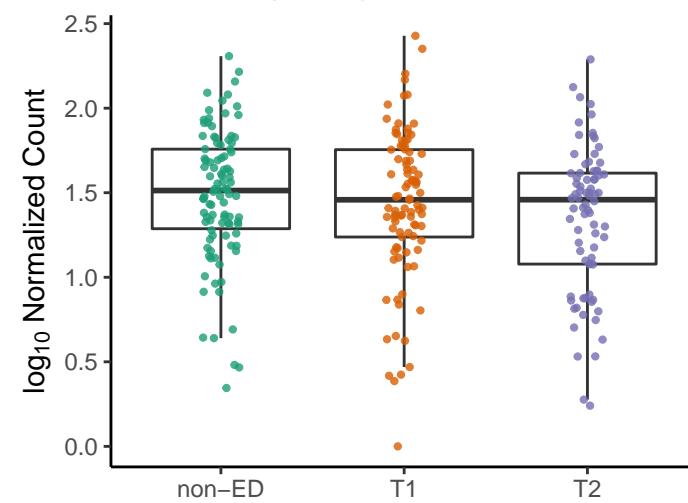
### *Brevefilum fermentans*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.95



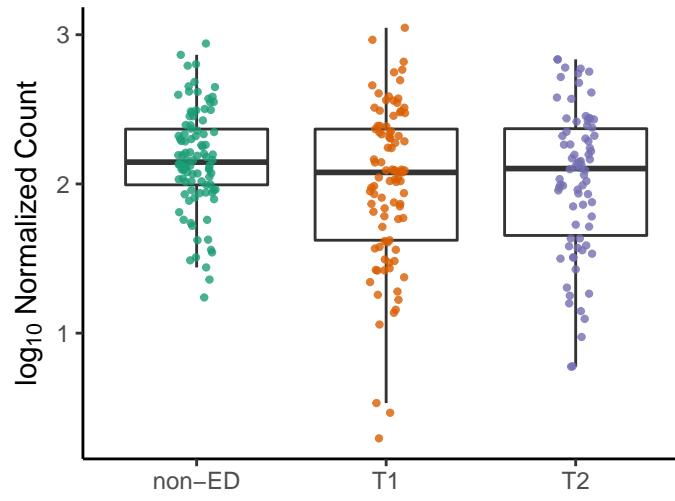
### *Paraglaciecola mesophila*

non-ED vs. T1 adjusted p = 0.51  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.67



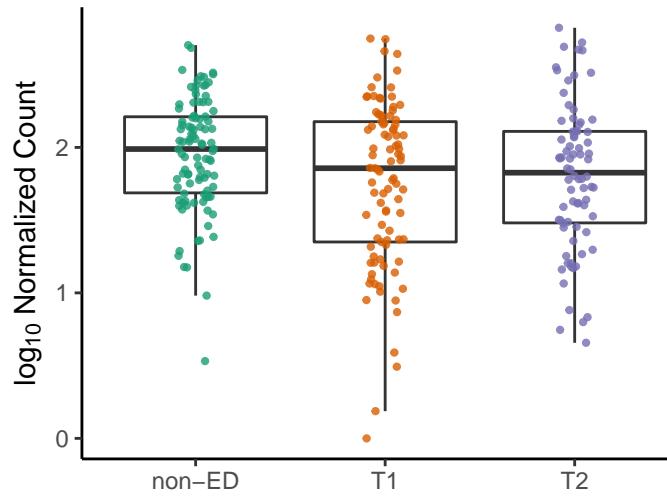
### *Chromobacterium* sp. ATCC 53434

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.74



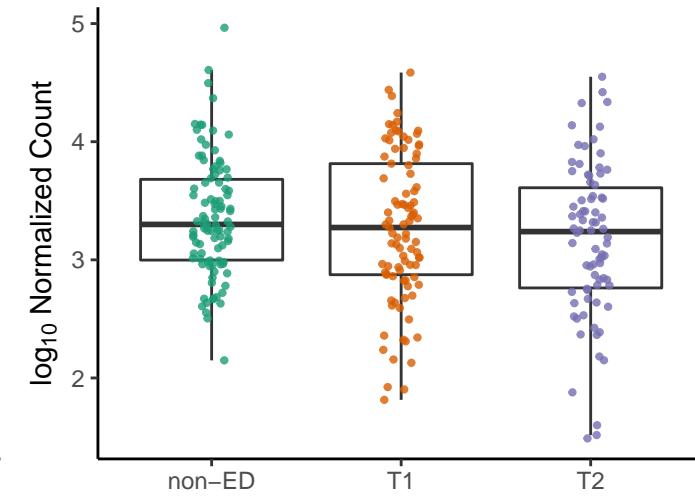
### *Pseudonocardia* sp. AL041005–10

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.68



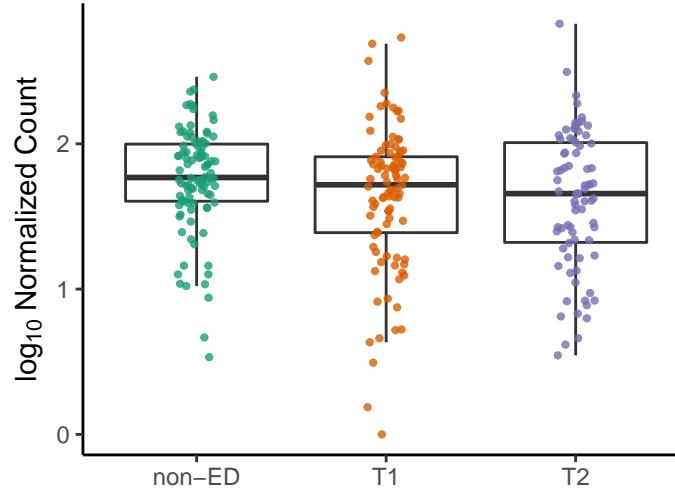
### *Rothia* mucilaginosa

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.86



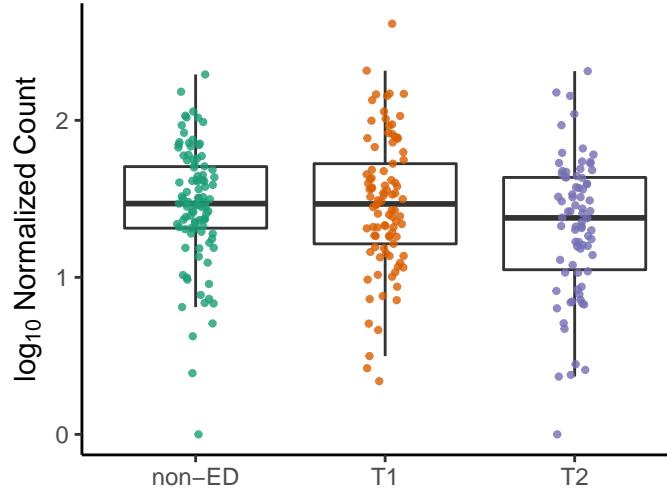
### *Sphingorhabdus* sp. SMR4y

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.97



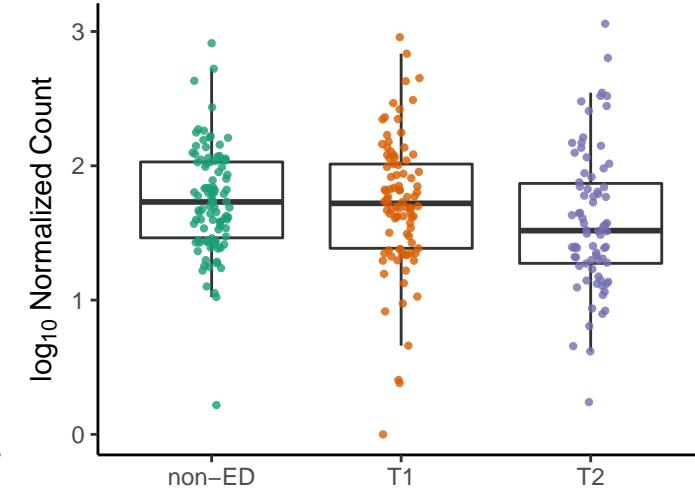
### *Aerococcus urinaceae* equi

non-ED vs. T1 adjusted p = 0.93  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.46



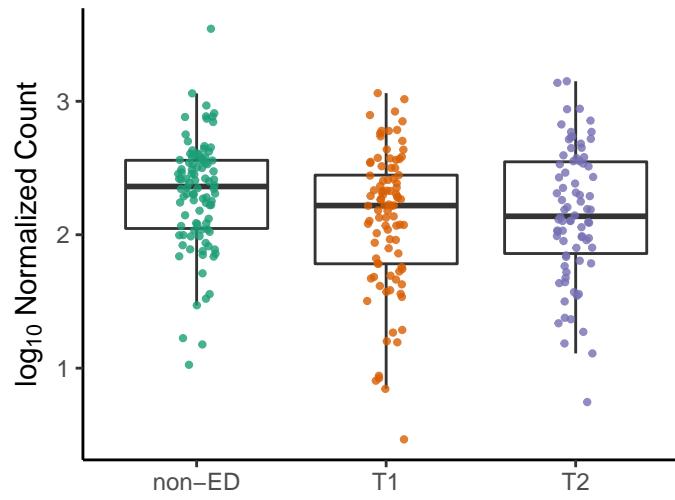
### *Haemophilus haemolyticus*

non-ED vs. T1 adjusted p = 0.78  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.54



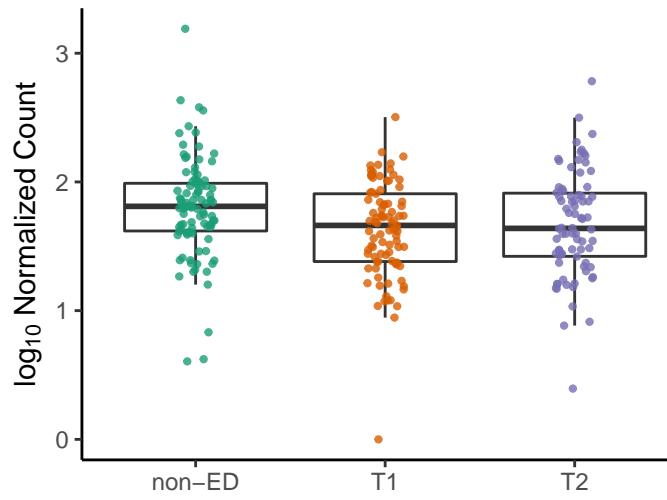
### *Phenylbacterium zucineum*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.72



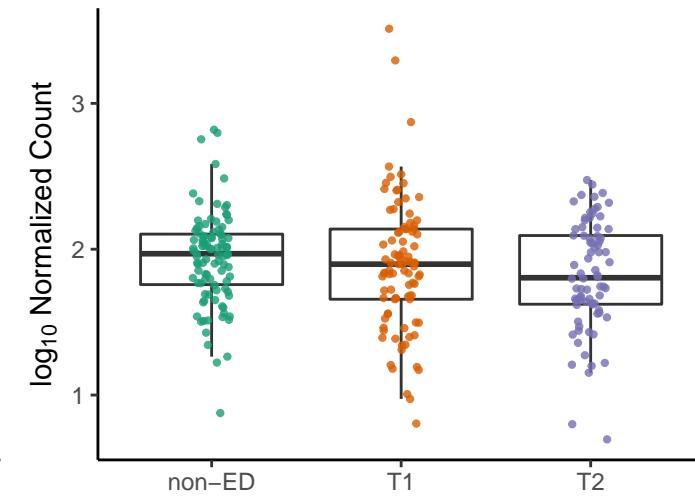
### *Xenorhabdus poinarii*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.8



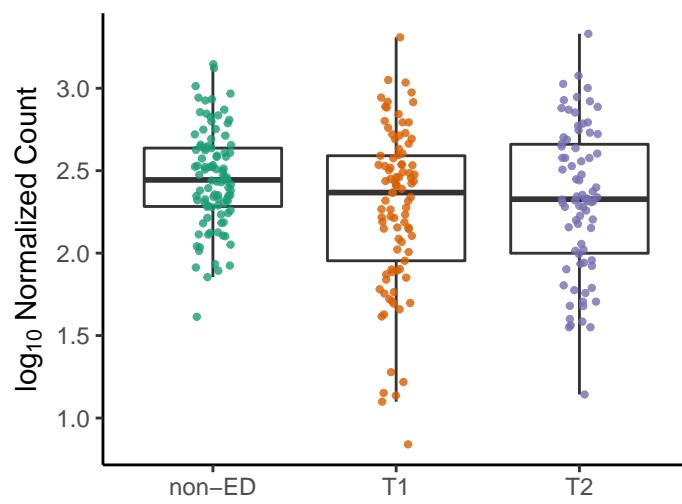
### *Cronobacter sakazakii*

non-ED vs. T1 adjusted p = 0.49  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.81



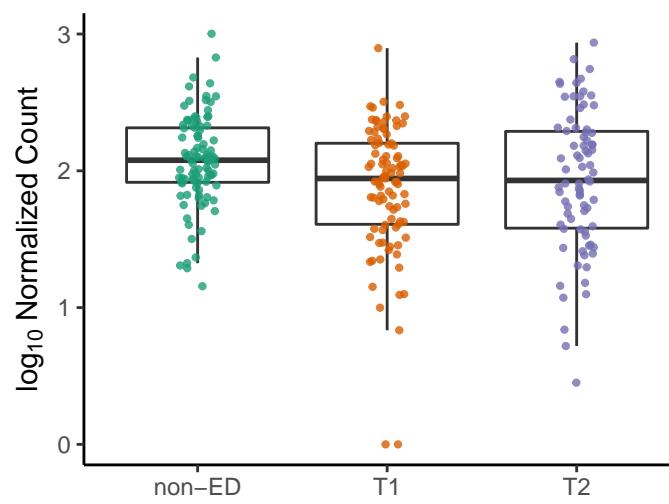
### *Aquisphaera giovannonii*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.67



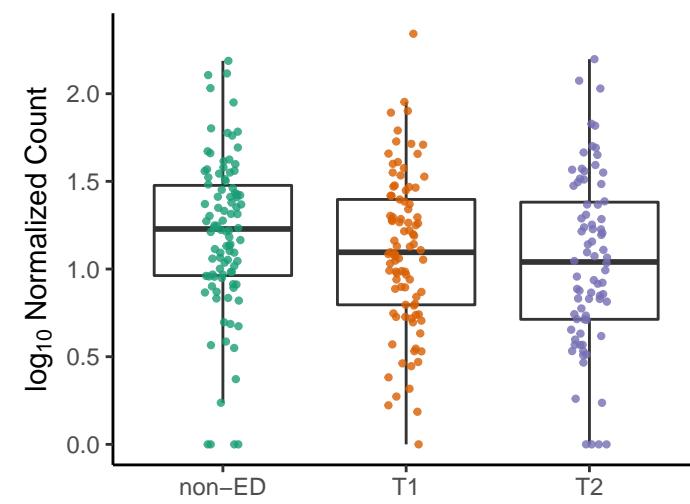
### *Microbacterium oleivorans*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.67



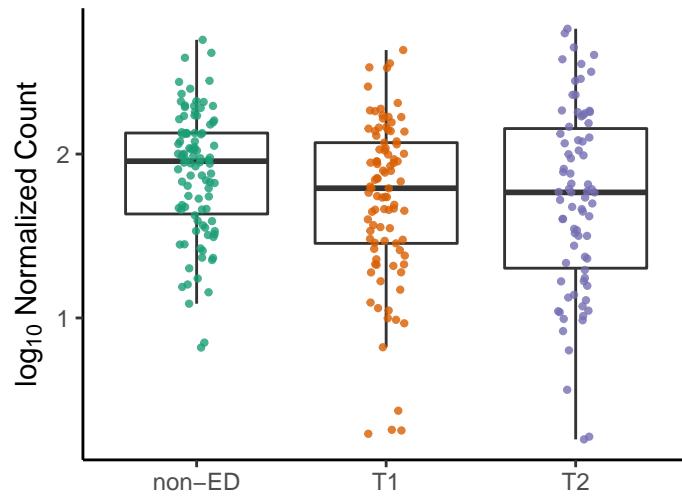
### *Mycoplasma alkalescens*

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.84



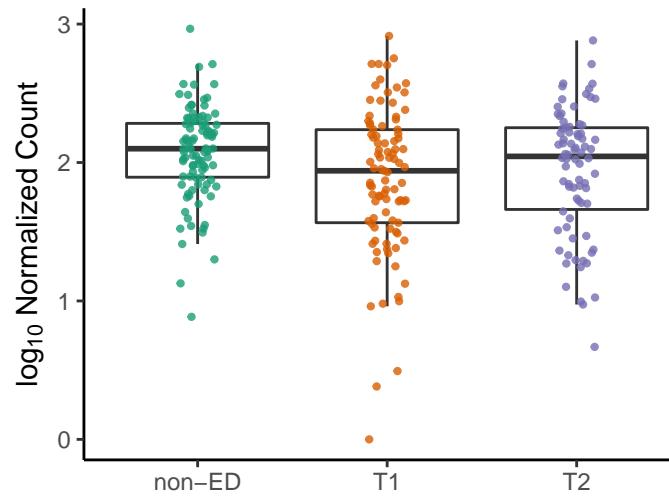
### *Nocardioides euryhalodurans*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.82



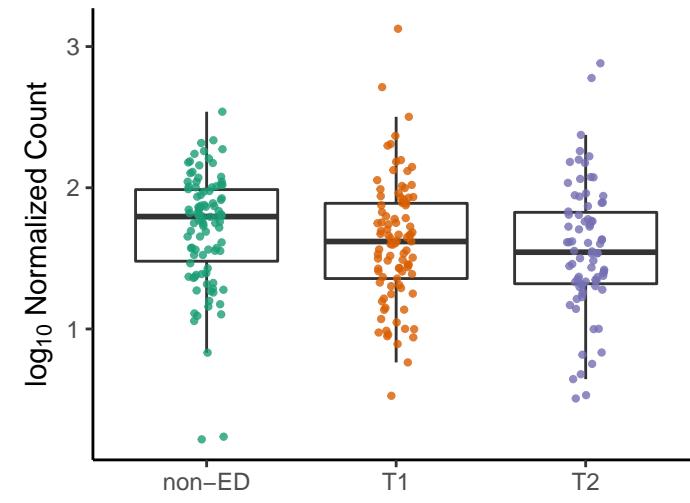
### *Pseudomonas monteili*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.7



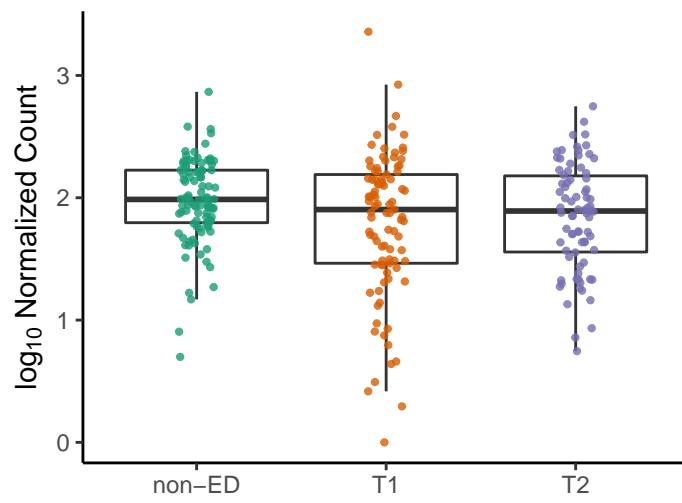
### *Staphylococcus muscae*

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.7



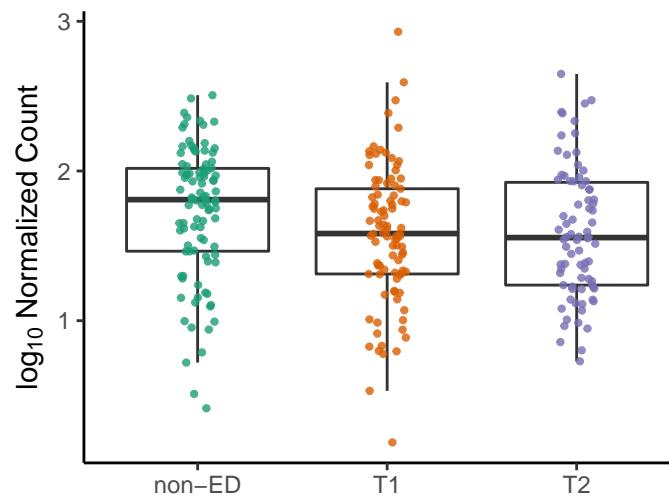
### *Nocardioides sp. JS614*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.69



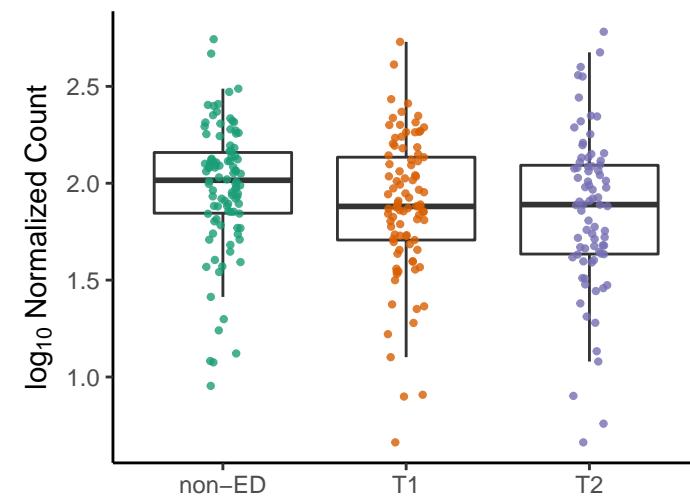
### *Pasteurellaceae bacterium RH1A*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.78



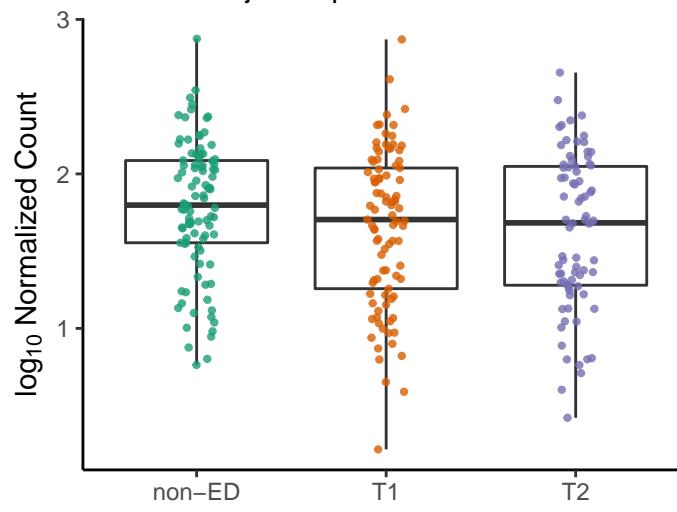
### *Flavobacterium gilvum*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.77



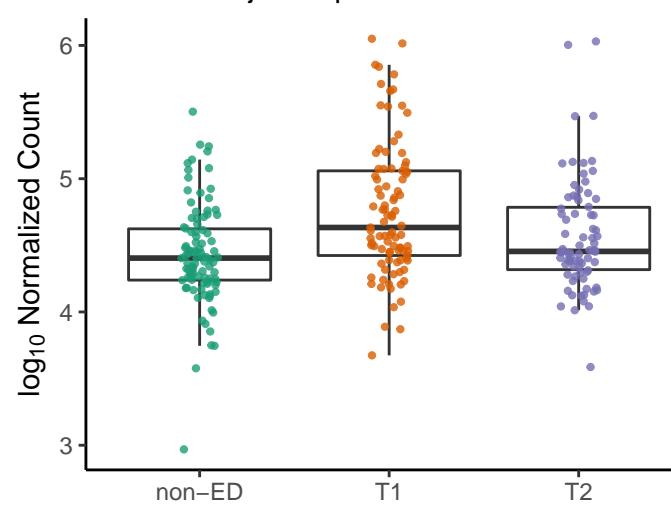
### *Micromonospora tulbaghiae*

non-ED vs. T1 adjusted p = 0.14  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.92



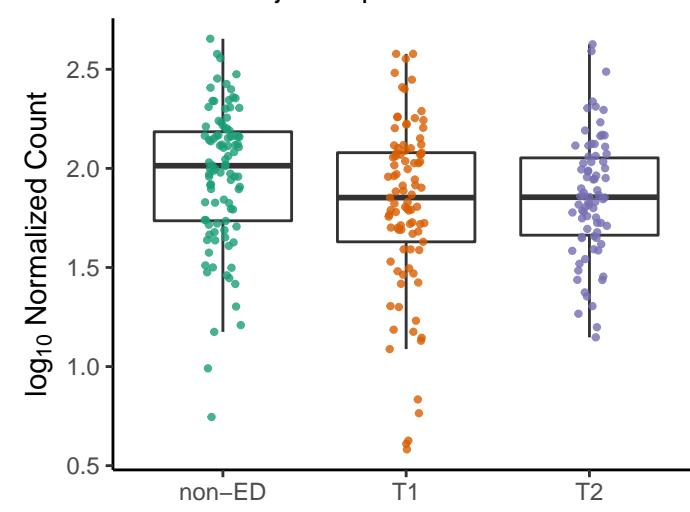
### *Enterocloster bolteae*

non-ED vs. T1 adjusted p = 0.00013  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.084



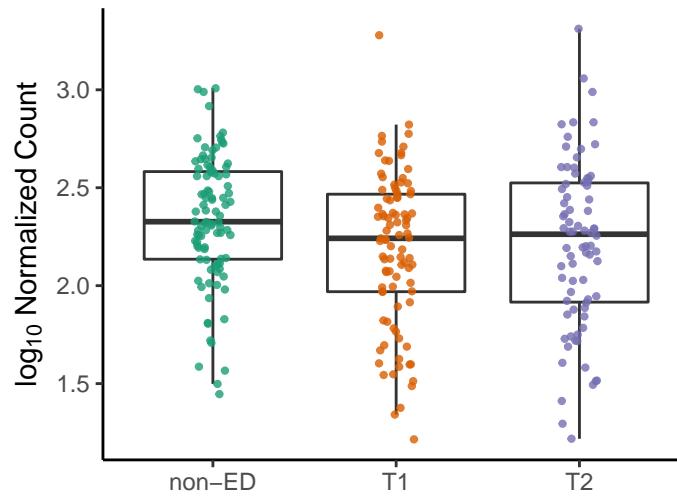
### *Sulfuriferula* sp. AH1

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.75



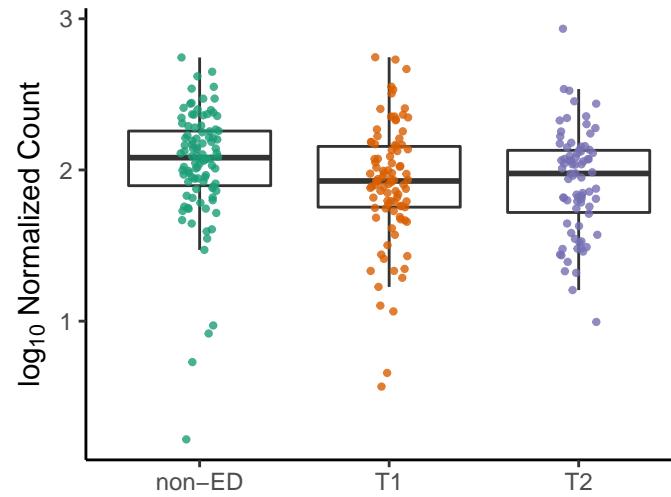
### *Komagataeibacter xylinus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.77



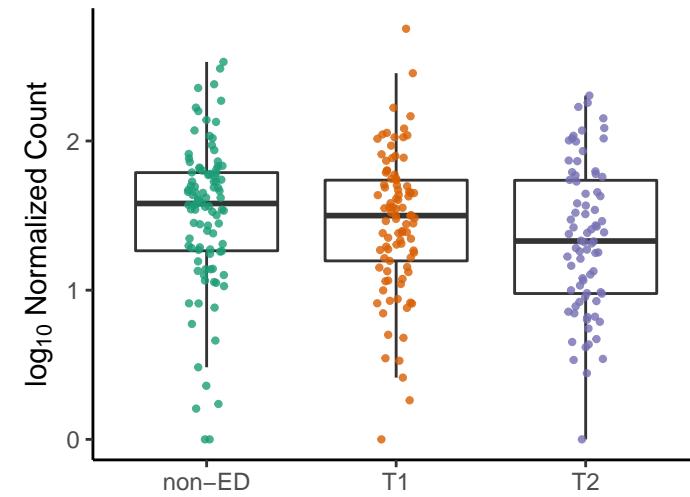
### *Virgibacillus phasianinus*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.83



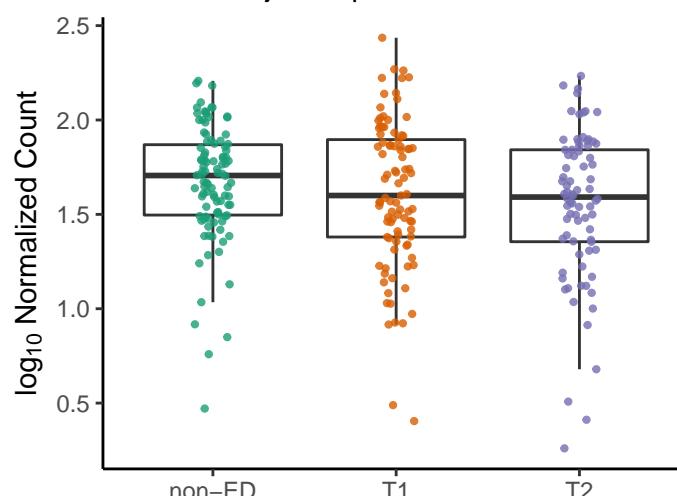
### *Flavobacterium arcticum*

non-ED vs. T1 adjusted p = 0.54  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.63



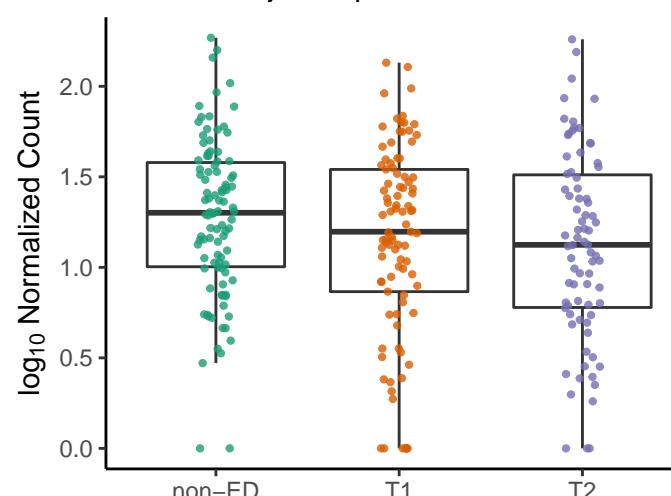
### *Vibrio rumoensis*

non-ED vs. T1 adjusted p = 0.4  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.71



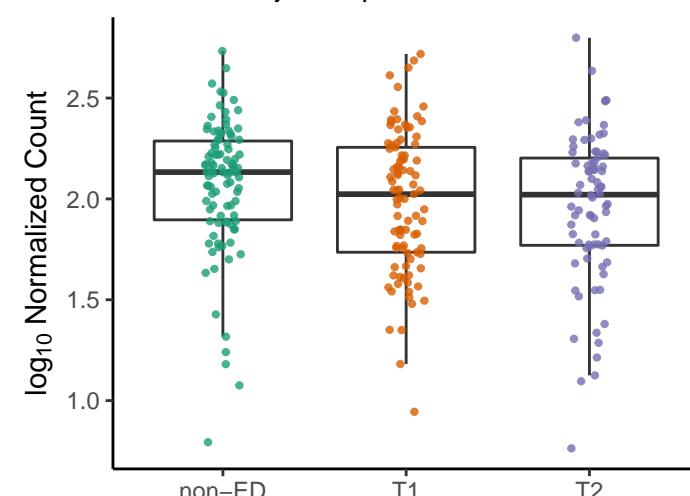
### *Pseudomonas alcaliphila*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.97



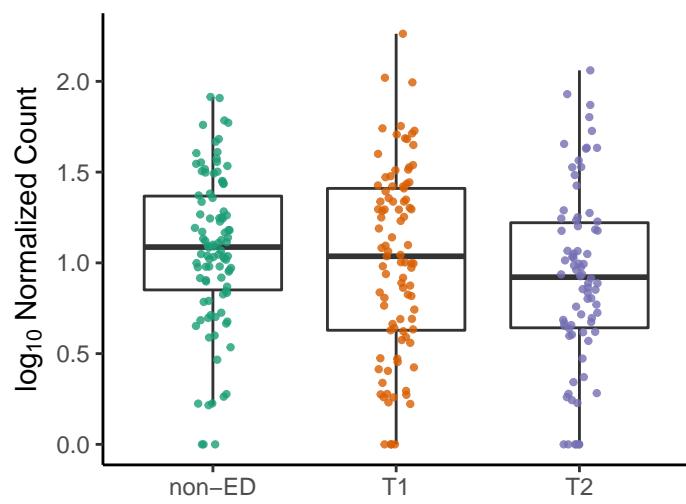
### *Paenibacillus crassostreae*

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.86



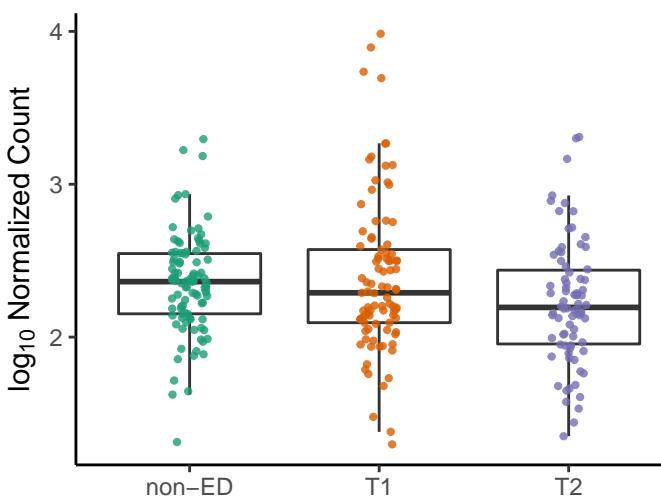
### Blochmannia endosymbiont of Camponotus

non-ED vs. T1 adjusted p = 0.52  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.7



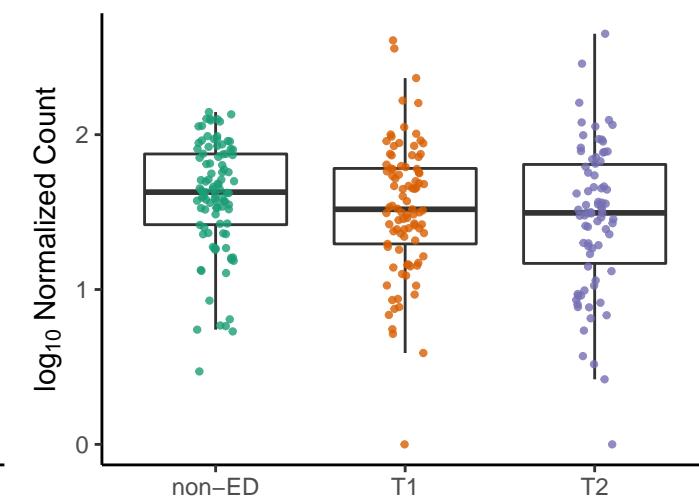
### Klebsiella aerogenes

non-ED vs. T1 adjusted p = 0.64  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.45



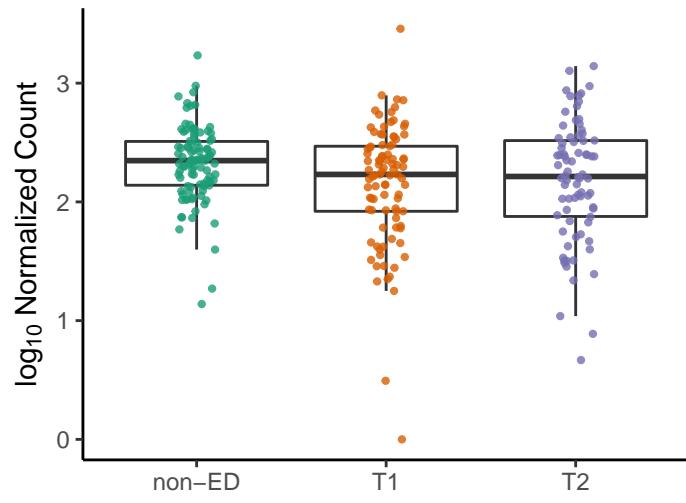
### Weissella koreensis

non-ED vs. T1 adjusted p = 0.28  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.7



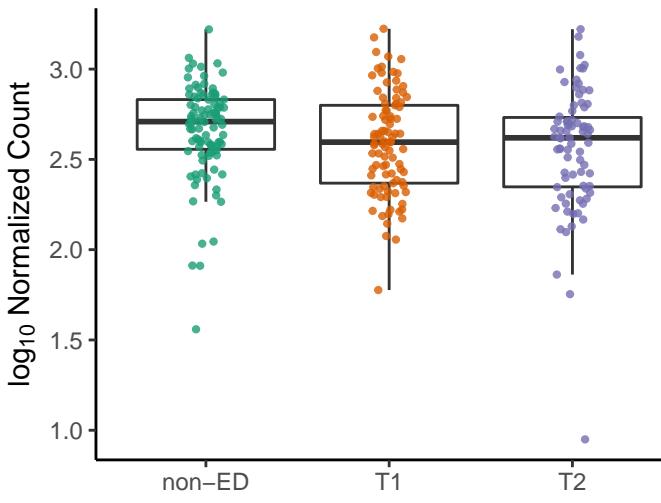
### Actinoplanes missouriensis

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.7



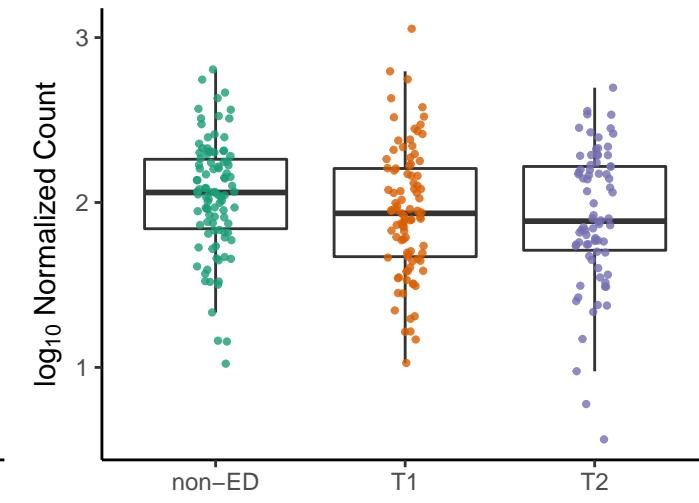
### Bacillus megaterium

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.79



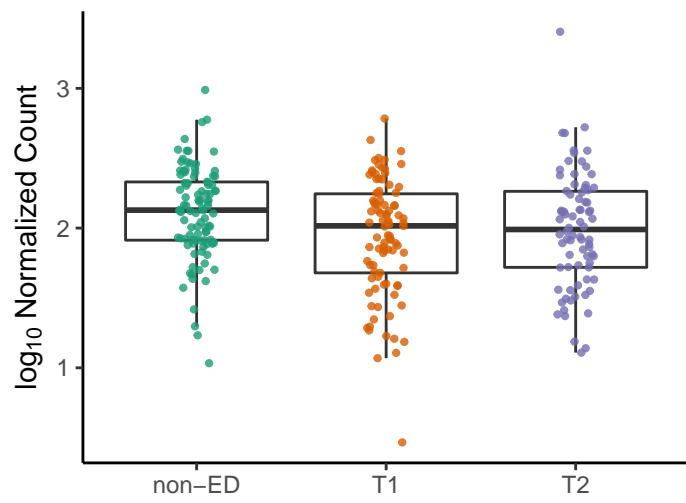
### Echinicola vietnamensis

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.97



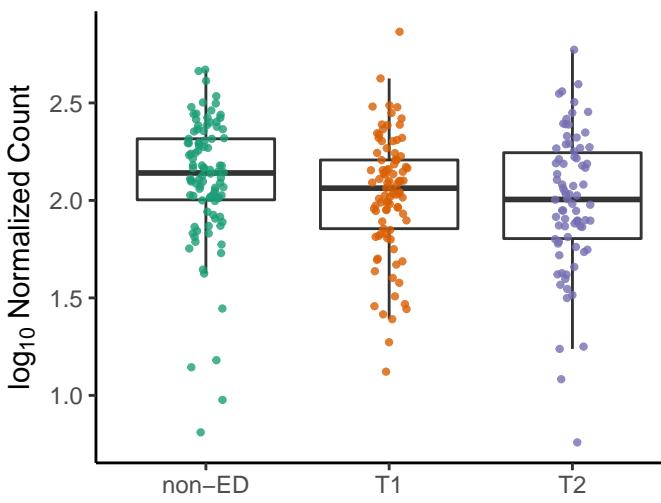
### Scardovia inopinata

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.71



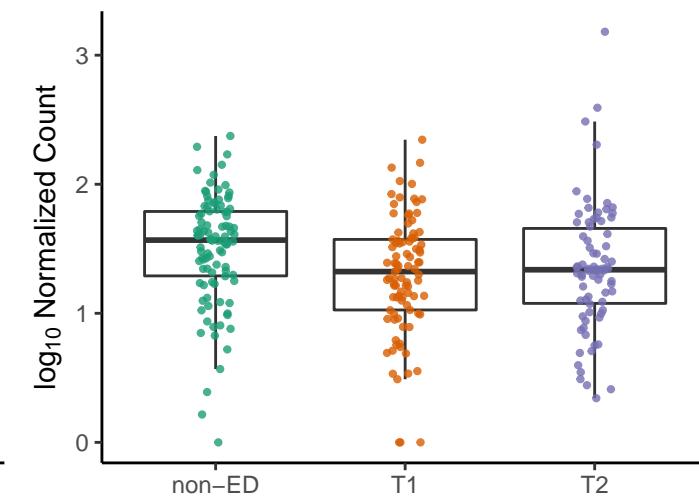
### Lactobacillus coryniformis

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.91



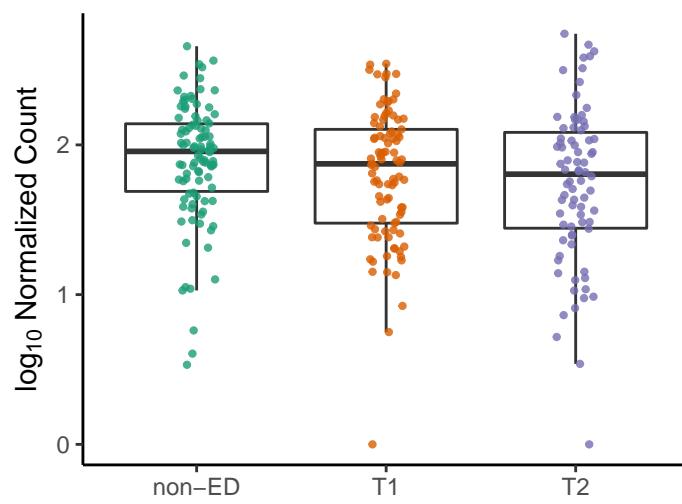
### Helicobacter cinaedi

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.79



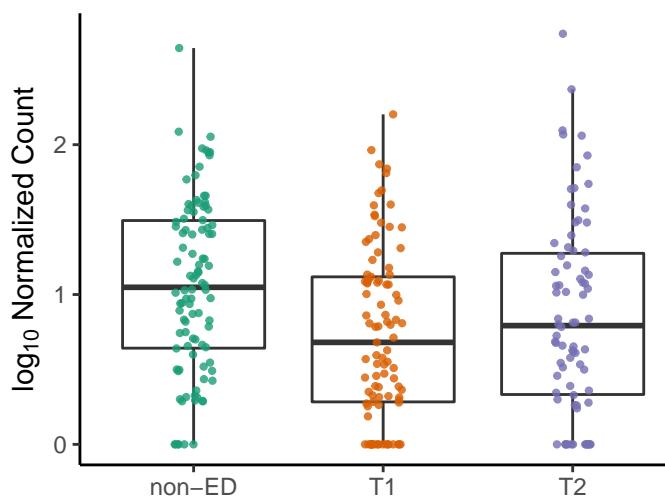
### *Sphingobium* sp. YG1

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.86



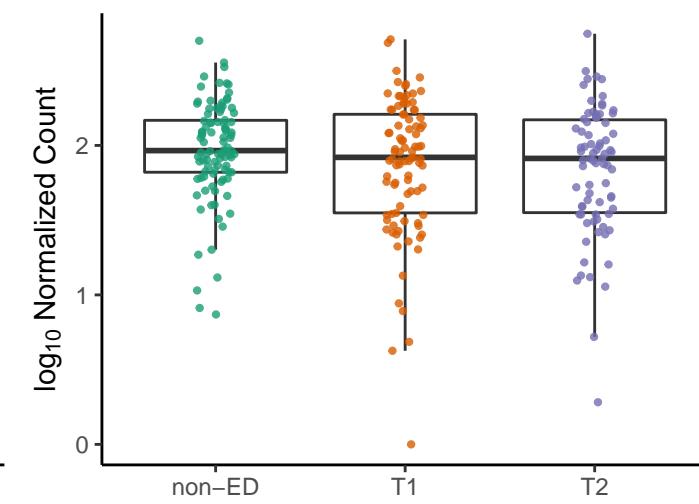
### *Streptomyces* sp. FR-008

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.66



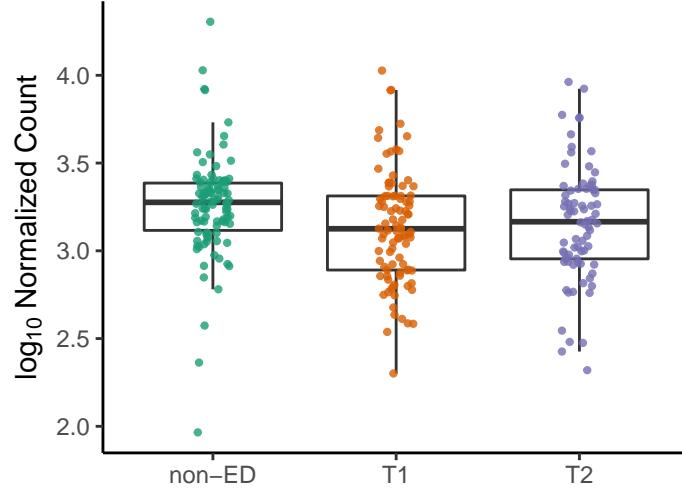
### *Microbulbifer* sp. SH-1

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.95



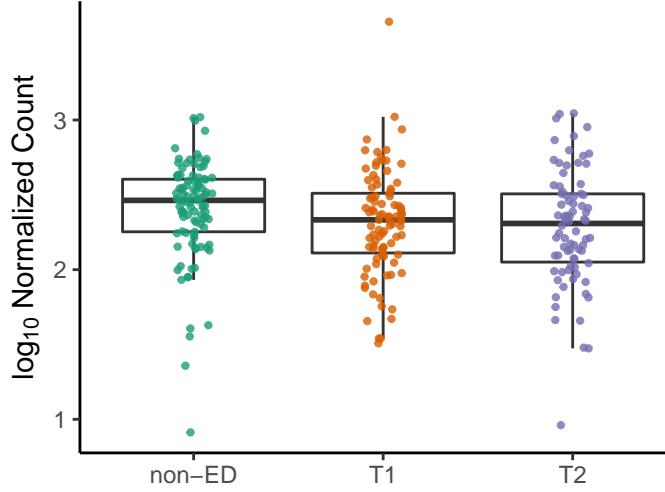
### *Intestinibaculum porci*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.81



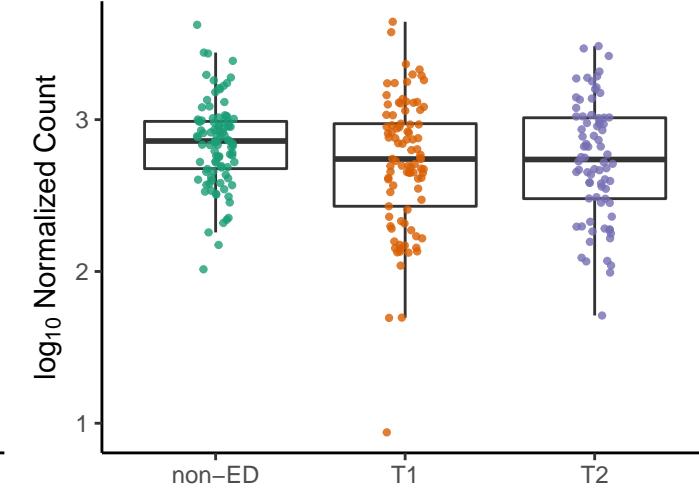
### Unclassified Pasteurellaceae Family

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 1



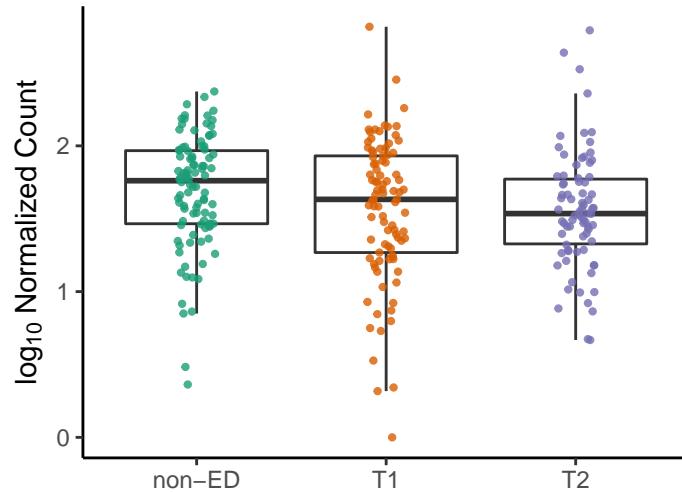
### *Cupriavidus taiwanensis*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.73



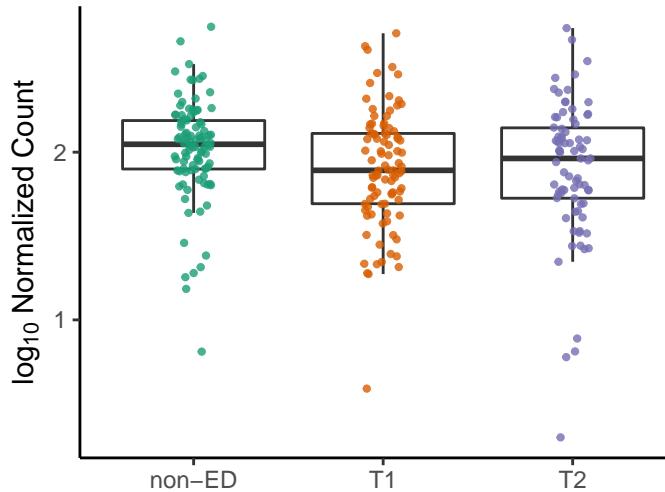
### *Legionella spiritensis*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.97



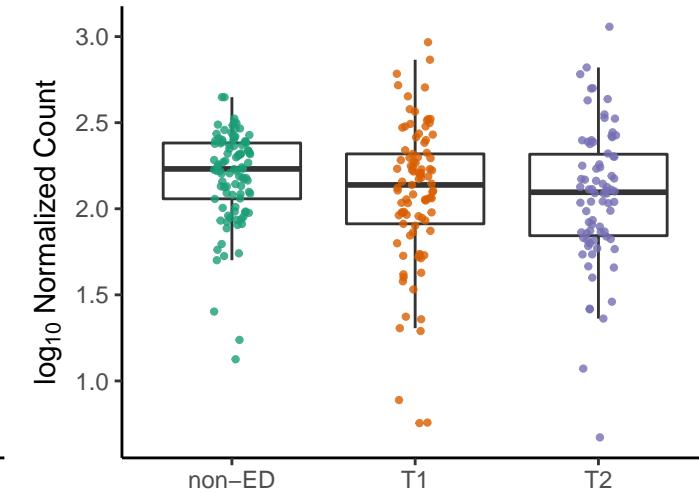
### *Methylomonas denitrificans*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.86



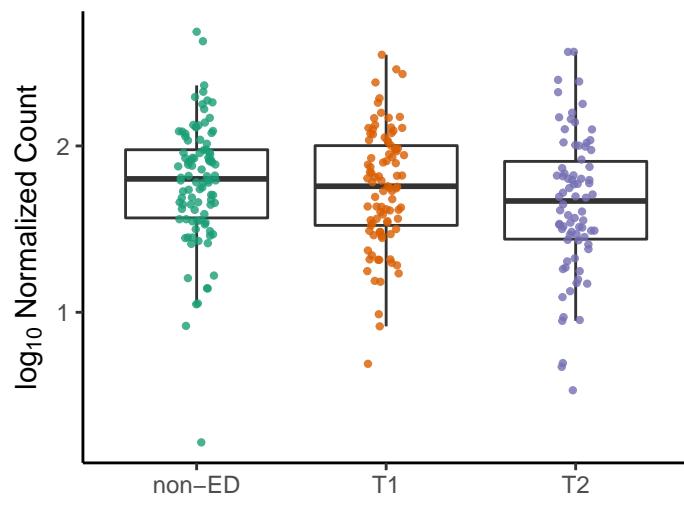
### *Chryseobacterium* sp. 17S1E7

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.89



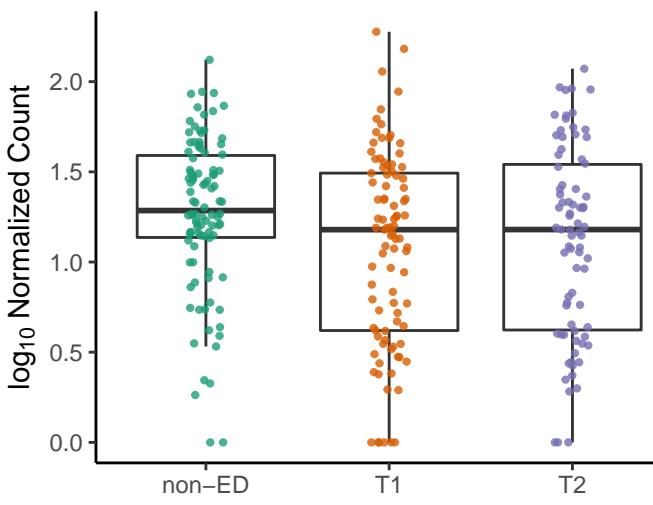
### *Crinalium epipsammum*

non-ED vs. T1 adjusted p = 0.65  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.68



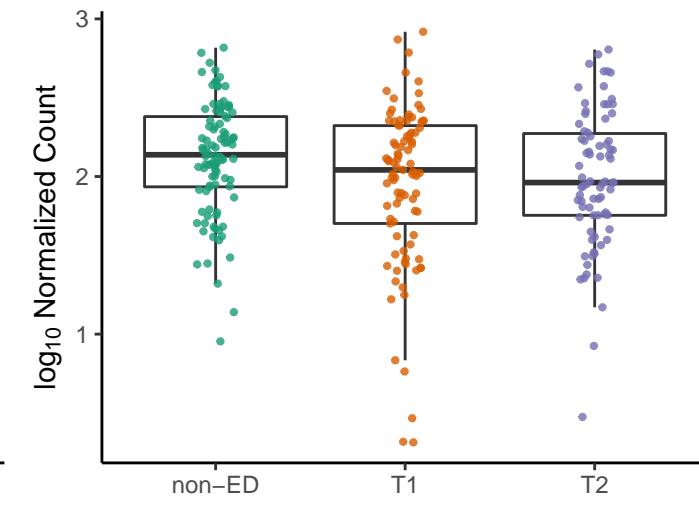
### *Cupriavidus malaysiensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.84



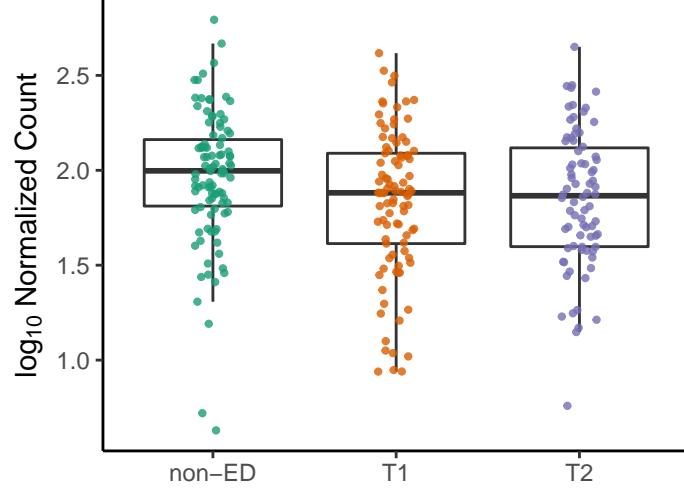
### *Devosia* sp. A16

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.73



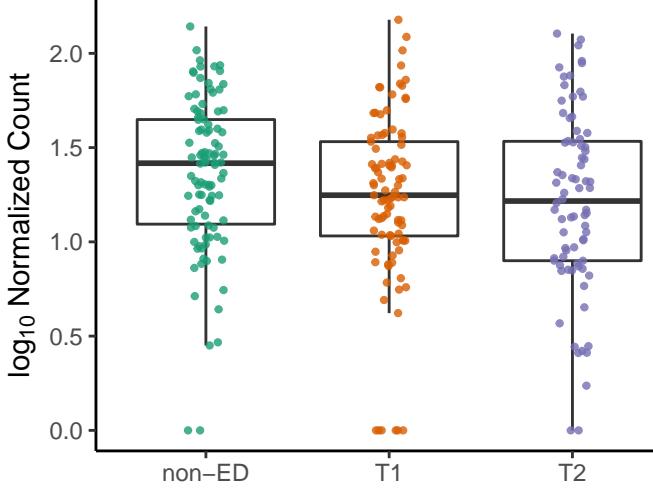
### *Moorea producens*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.97



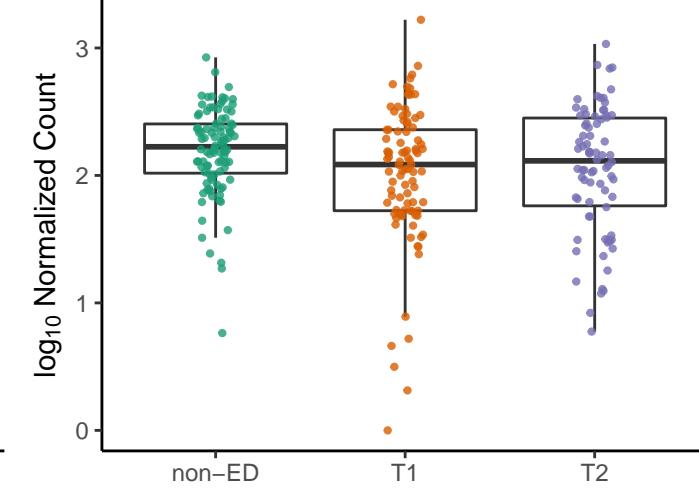
### *Mycoplasma hyopneumoniae*

non-ED vs. T1 adjusted p = 0.12  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.97



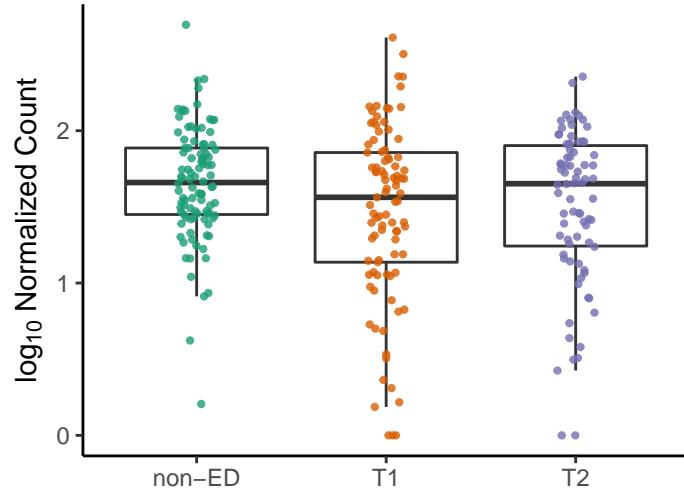
### *Paludisphaera borealis*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.74



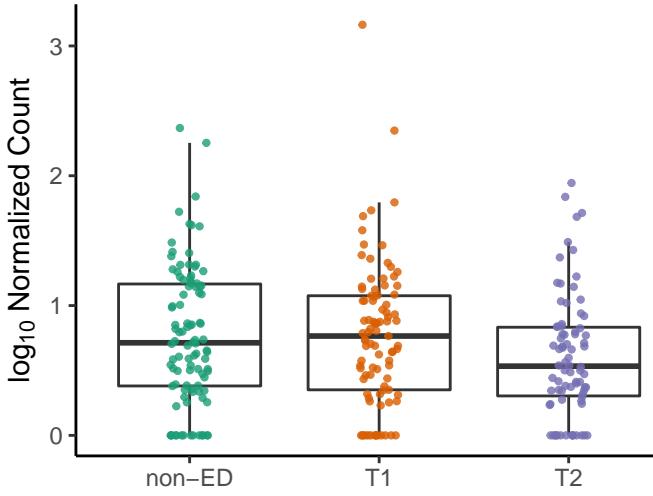
### Unclassified Acidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.82



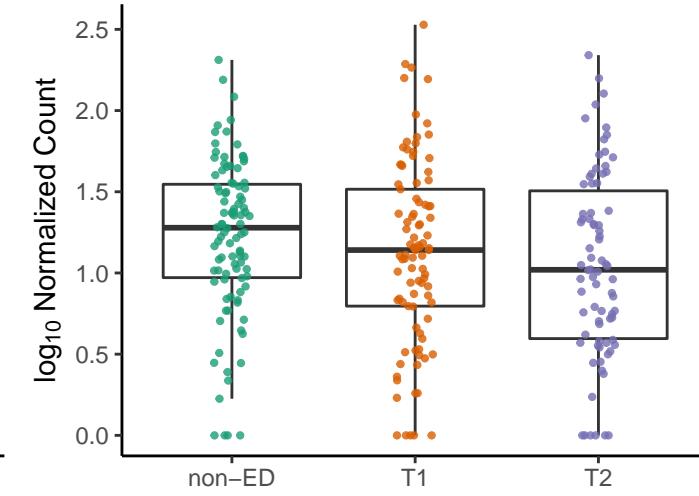
### *Raoultella* sp. NCTC 9189

non-ED vs. T1 adjusted p = 0.99  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.52



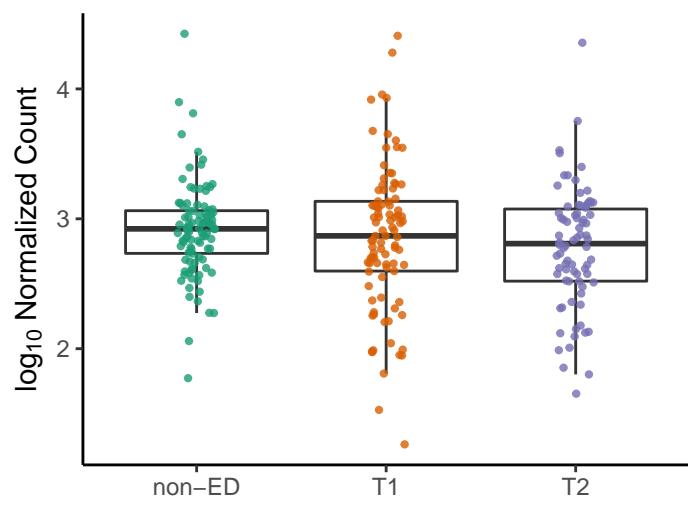
### *Mycoplasma canadense*

non-ED vs. T1 adjusted p = 0.34  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.73



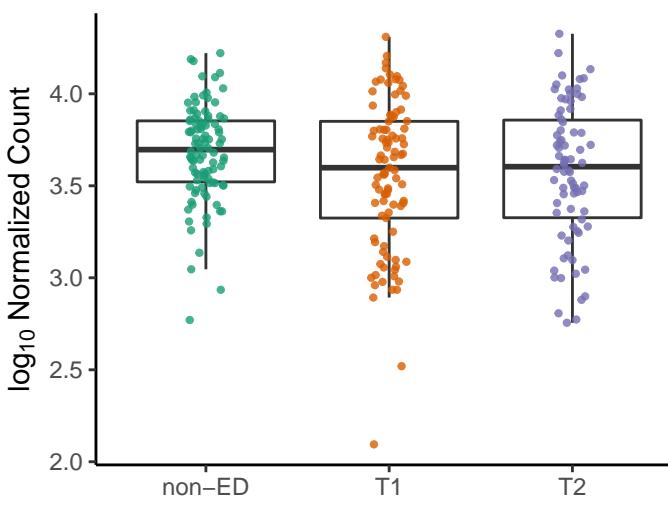
### *Desulfovibrio desulfuricans*

non-ED vs. T1 adjusted p = 0.54  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.78



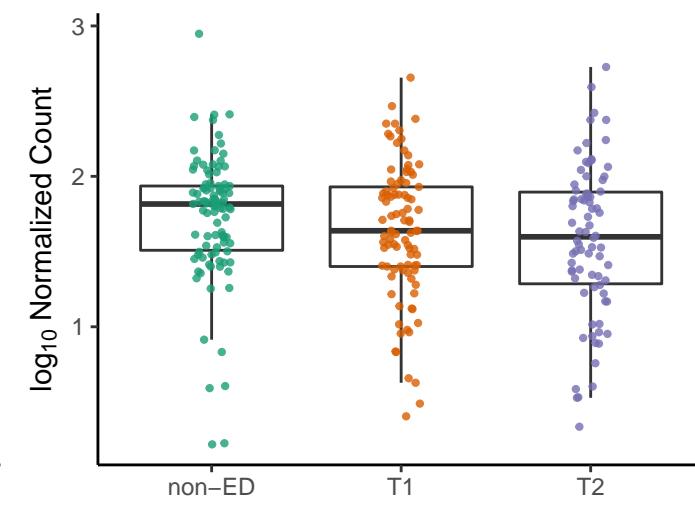
### Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.8



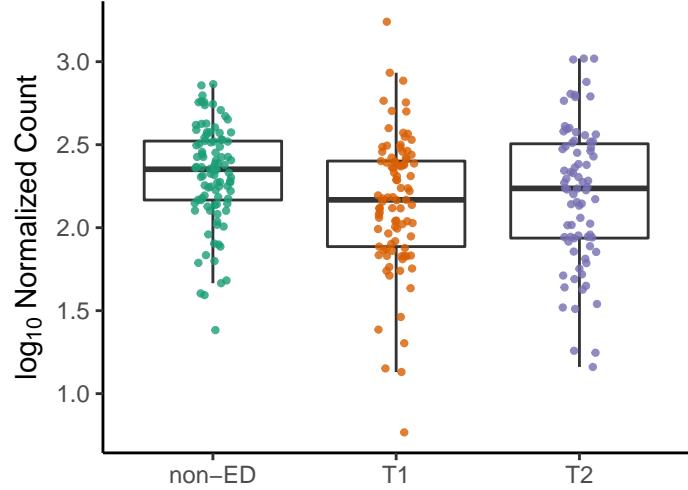
### *Cellulophaga algicola*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.68



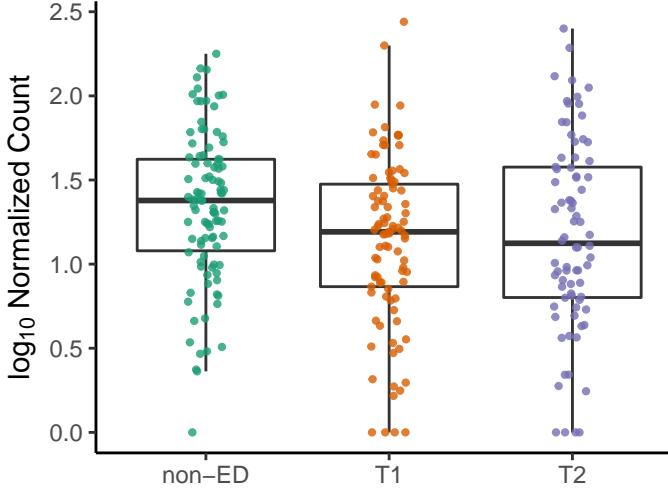
### *Selenomonas* sp. oral taxon 136

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.68



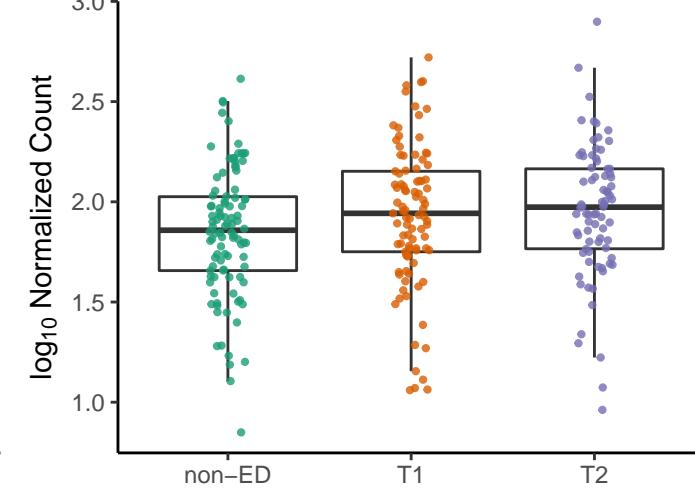
### *Acidianus brierleyi*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.96



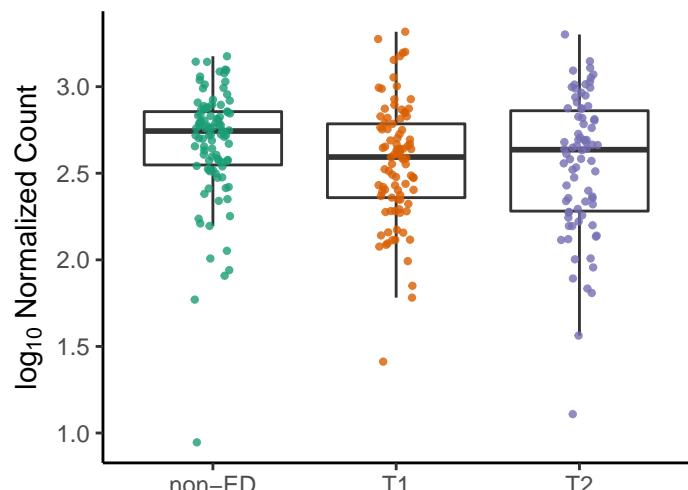
### *Kypridia tusciæ*

non-ED vs. T1 adjusted p = 0.19  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.77



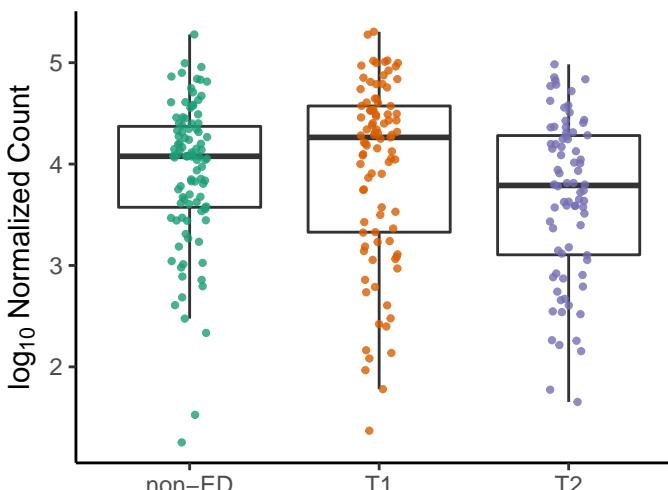
### *Clostridium argentinense*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.9



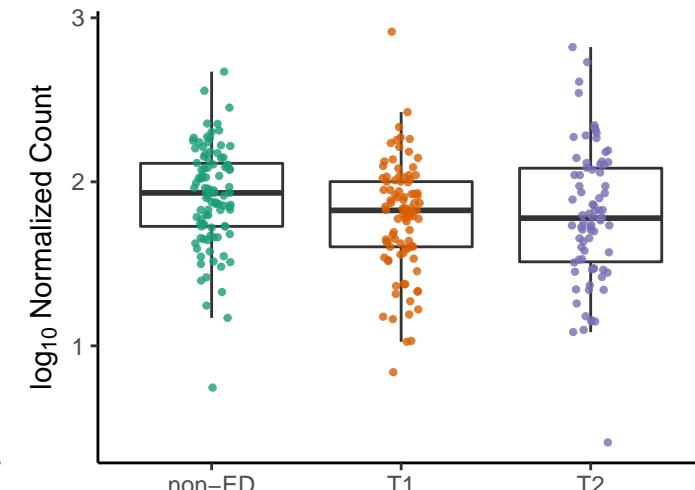
### Unclassified Alistipes Genus

non-ED vs. T1 adjusted p = 0.77  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.037



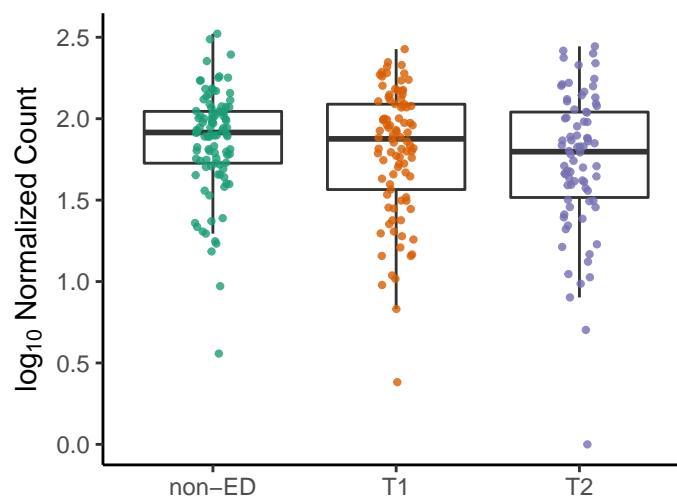
### *Chryseobacterium arthrosphaerae*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.99



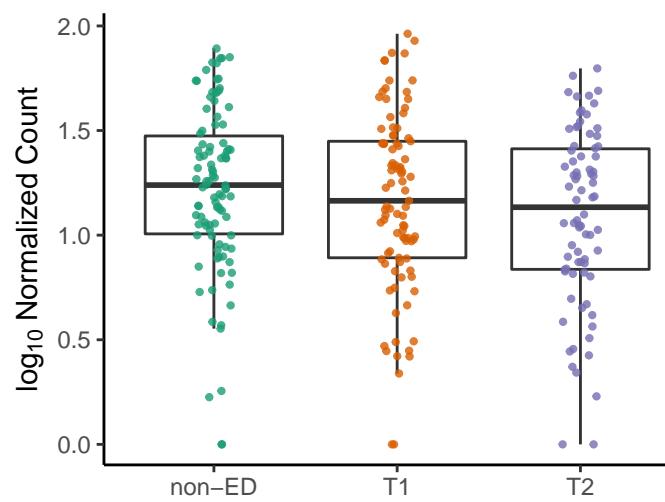
### *Gloeothece verrucosa*

non-ED vs. T1 adjusted p = 0.32  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.73



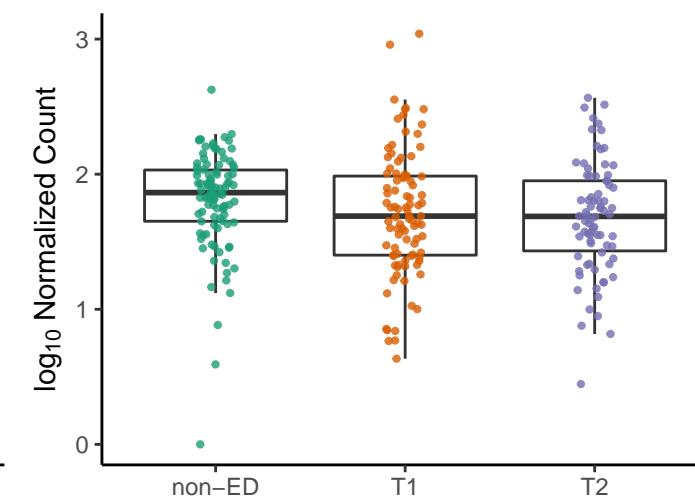
### *Methanohalophilus portocalensis*

non-ED vs. T1 adjusted p = 0.44  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.78



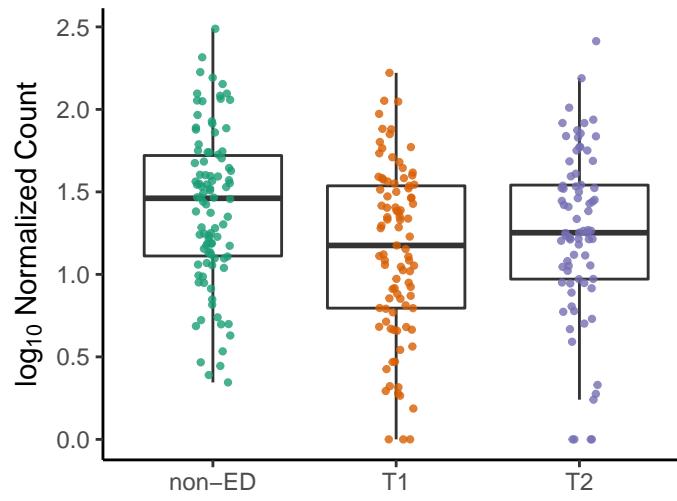
### *Staphylococcus capitis*

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.77



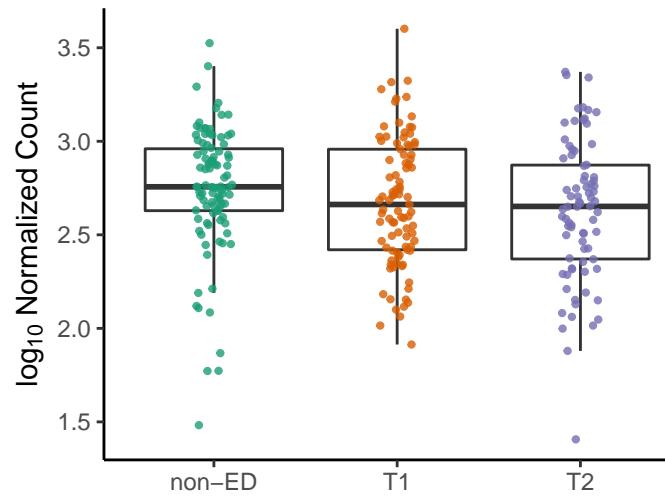
### *Pseudomonas* sp. THAF7b

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.63



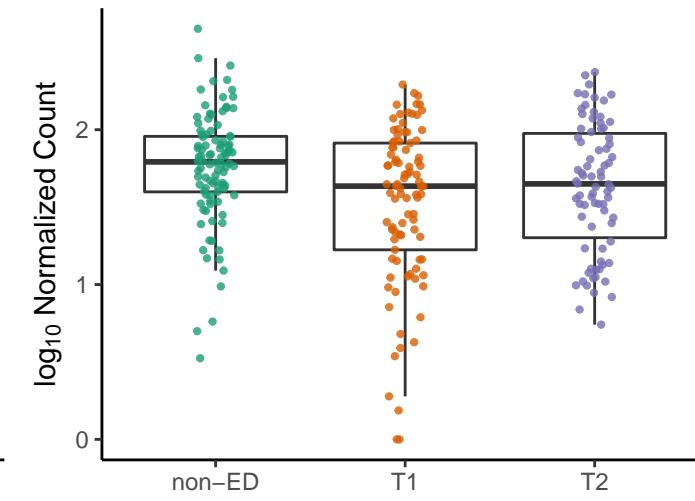
### Unclassified *Staphylococcus* Genus

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.77



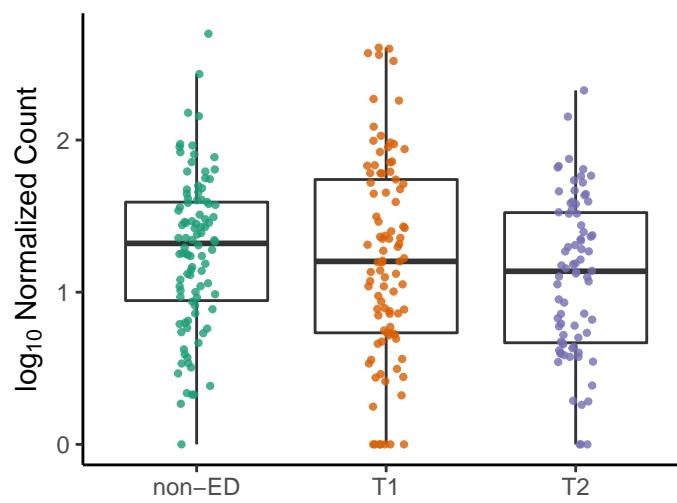
### *Corynebacterium geronticis*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.45



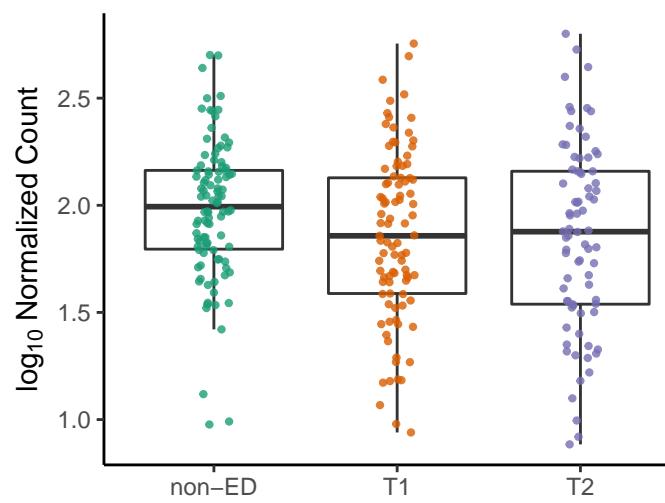
### Unclassified Rubrobacter Genus

non-ED vs. T1 adjusted p = 0.7  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.7



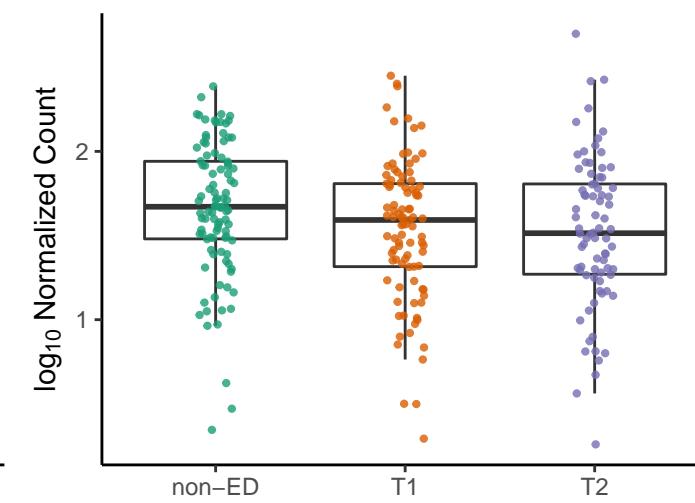
### *Ahniella affigens*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.94



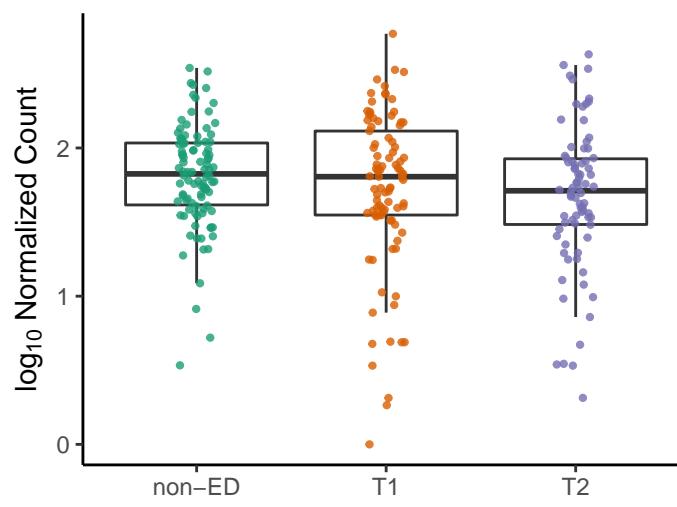
### *Octadecabacter antarcticus*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.98



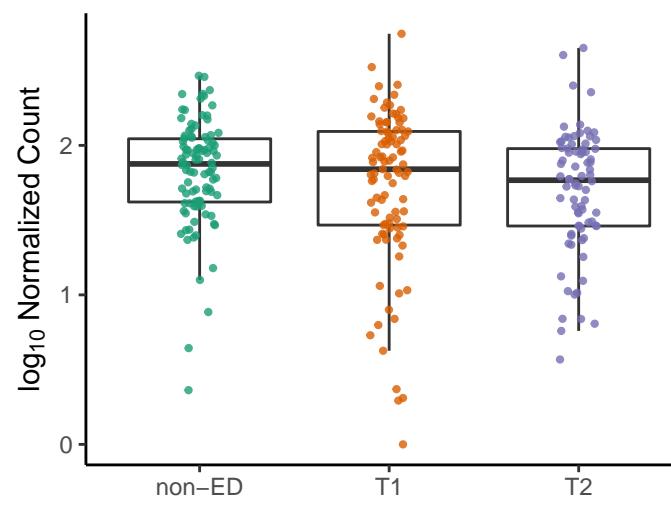
### Unclassified Aquitalea Genus

non-ED vs. T1 adjusted p = 0.3  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.97



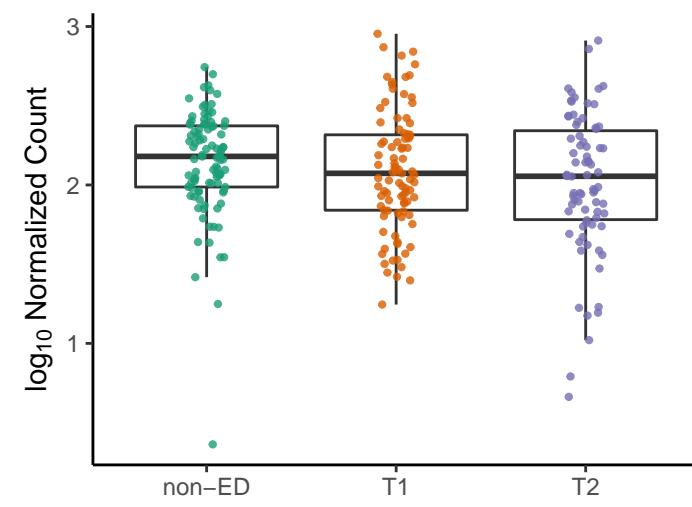
### Unclassified Vibrionaceae Family

non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.85



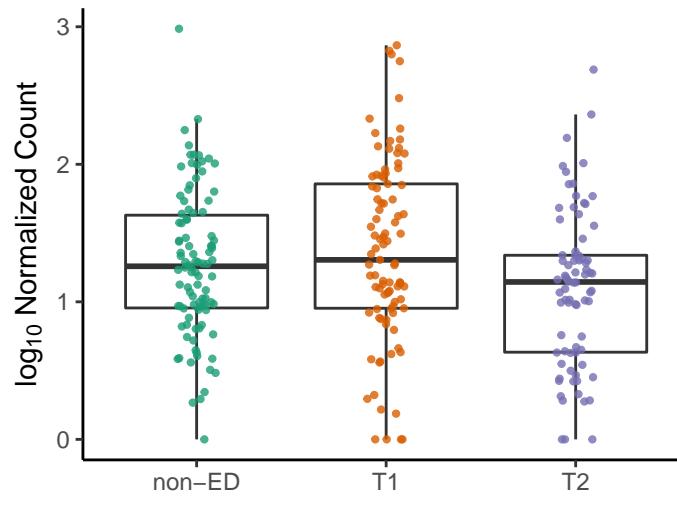
### Bacillus cellulosilyticus

non-ED vs. T1 adjusted p = 0.45  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.7



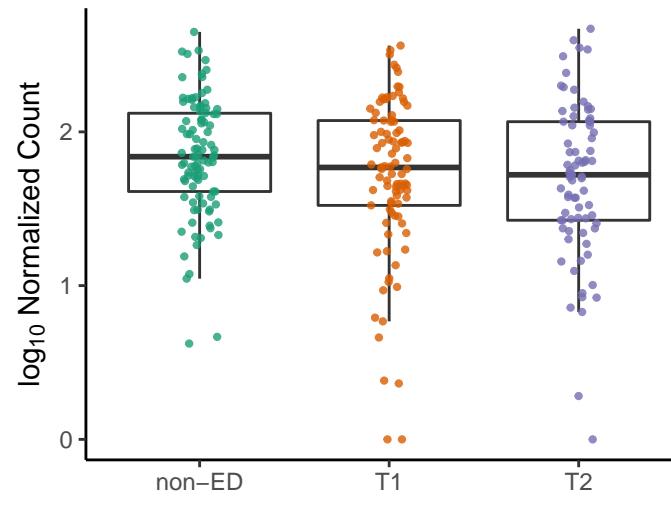
### Unclassified Verrucomicrobia Phylum

non-ED vs. T1 adjusted p = 0.39  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.076



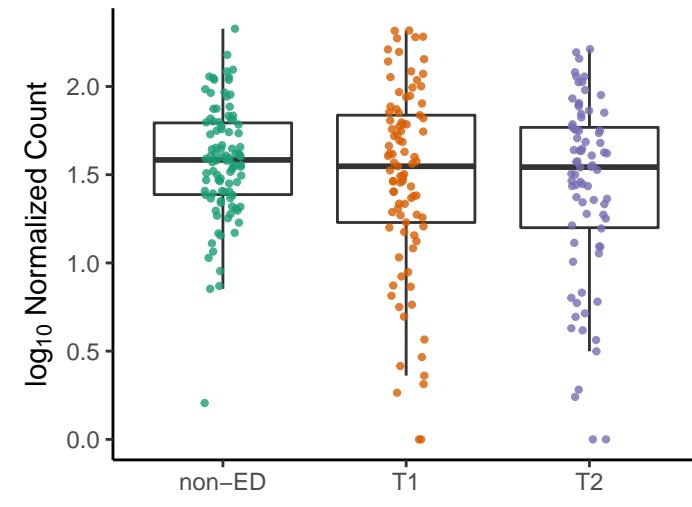
### Caulobacter henricii

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.95



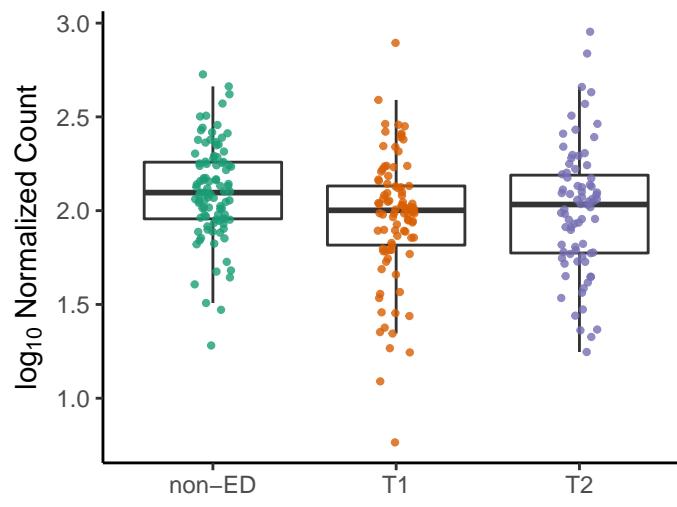
### Unclassified Neisseriales Order

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.88



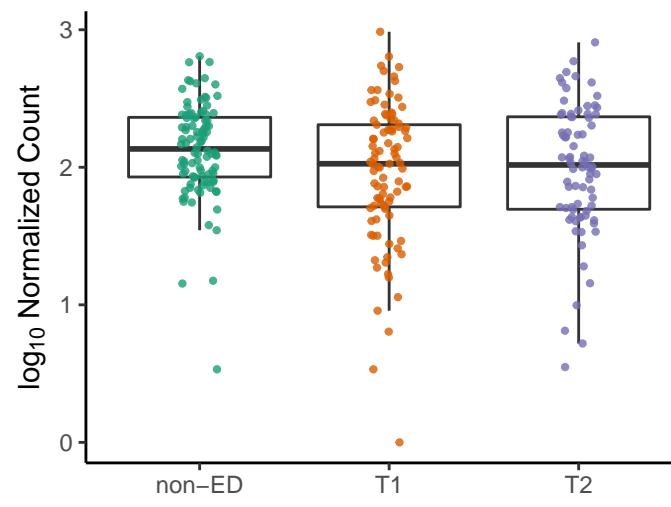
### Thermaeaeromonas toyohensis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.68



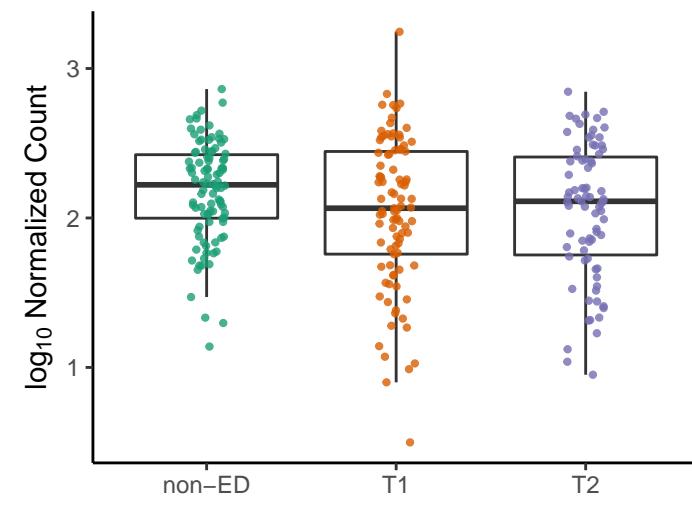
### Streptomyces clavuligerus

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.76



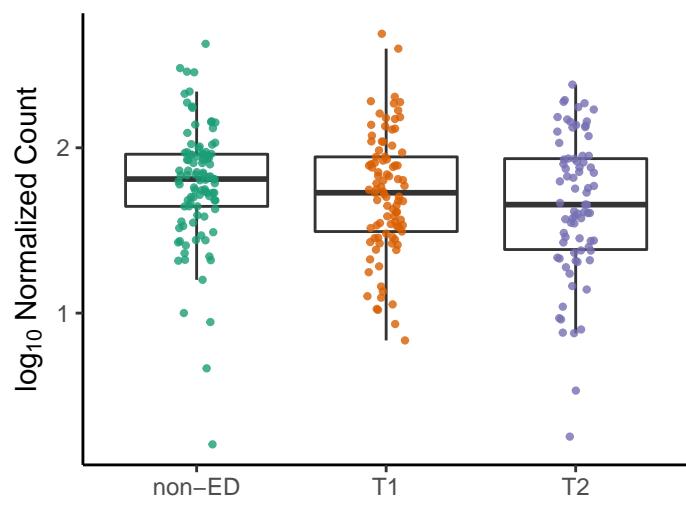
### Mitsuaria sp. 7

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.81



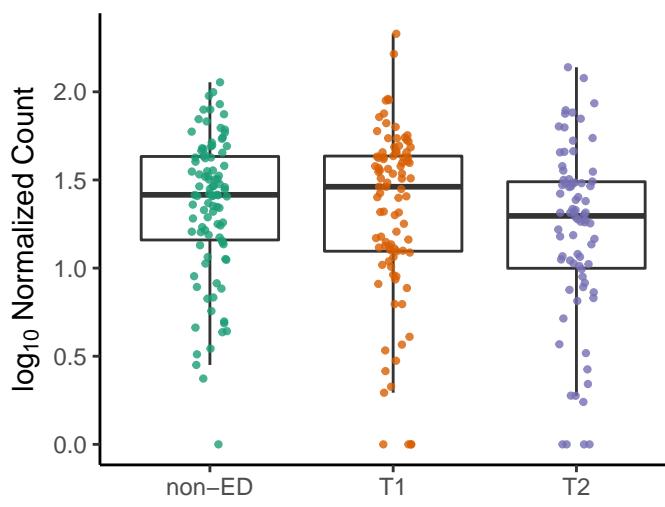
### *Flavobacterium nitrogenifigens*

non-ED vs. T1 adjusted p = 0.36  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.74



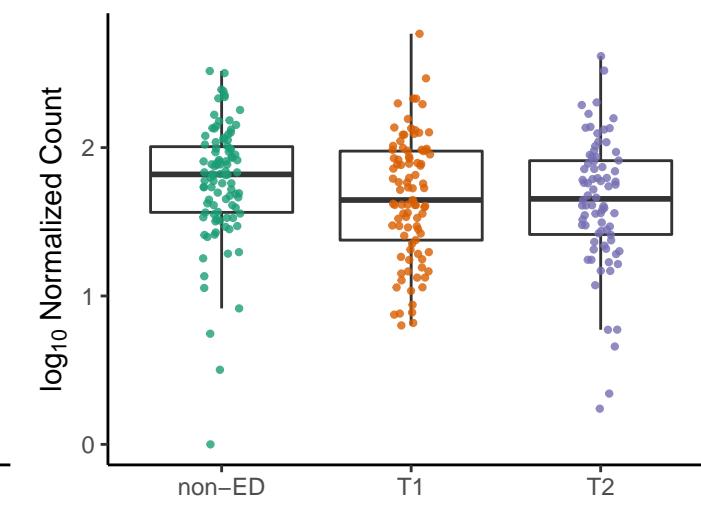
### *Campylobacter* sp. RM6137

non-ED vs. T1 adjusted p = 0.68  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.63



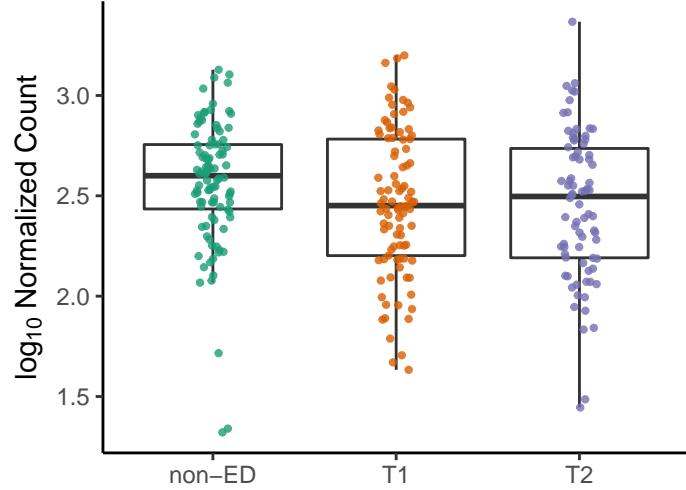
### *Lactobacillus amylophilus*

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.93



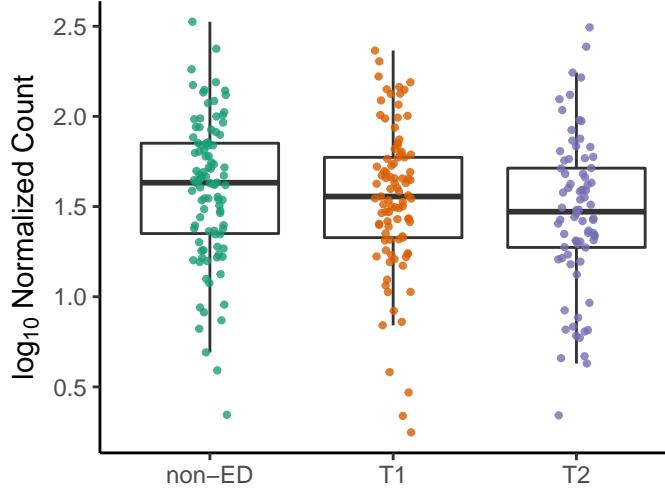
### *Caloramator* sp. E03

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.94



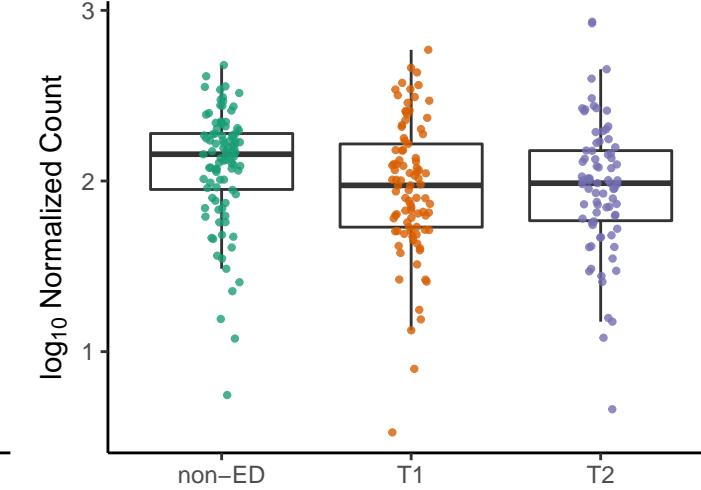
### *Oenococcus kitaharae*

non-ED vs. T1 adjusted p = 0.5  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.63



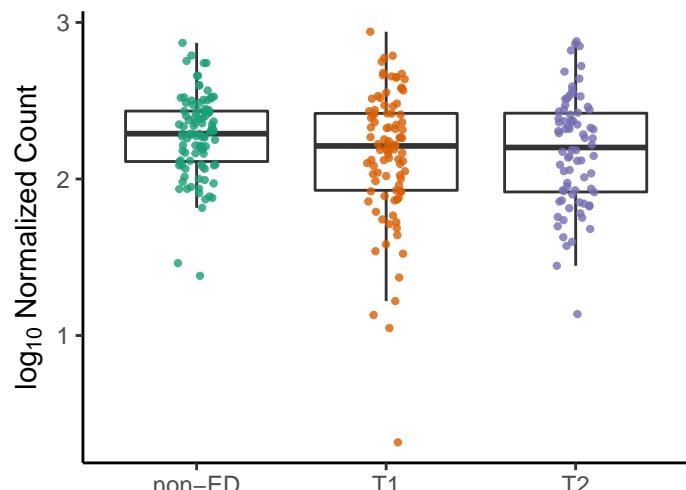
### *Virgibacillus* sp. 6R

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.96



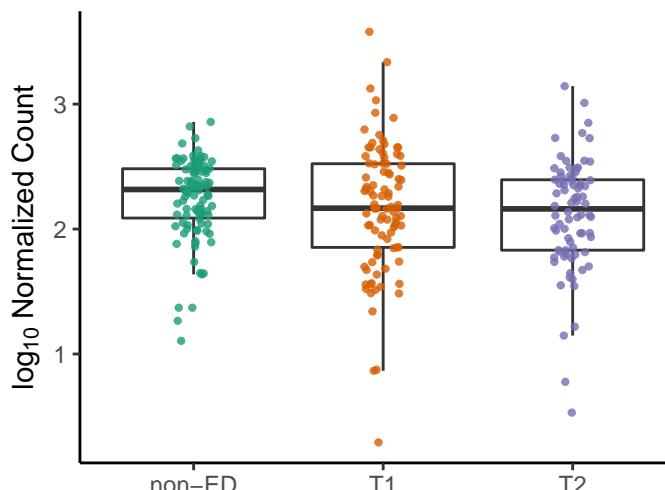
### *Paraoceanicella profunda*

non-ED vs. T1 adjusted p = 0.059  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.8



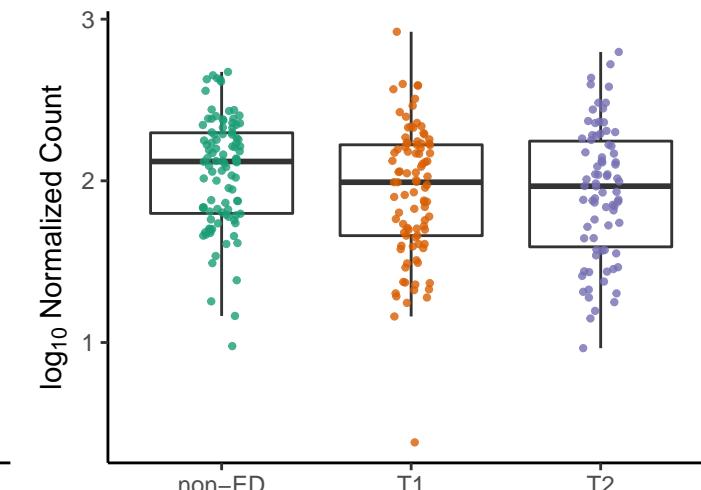
### Unclassified *Mogibacterium* Genus

non-ED vs. T1 adjusted p = 0.35  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.76

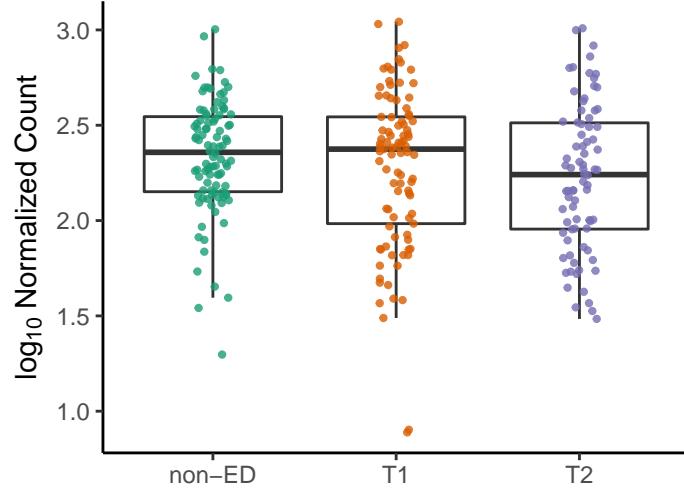


### *Bordetella* sp. N

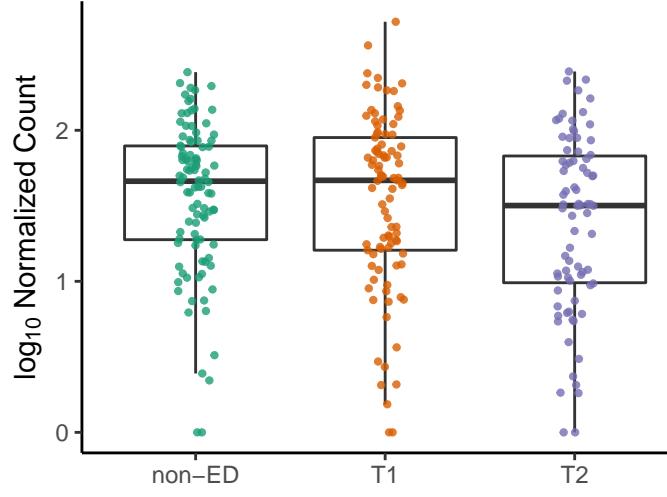
non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.89



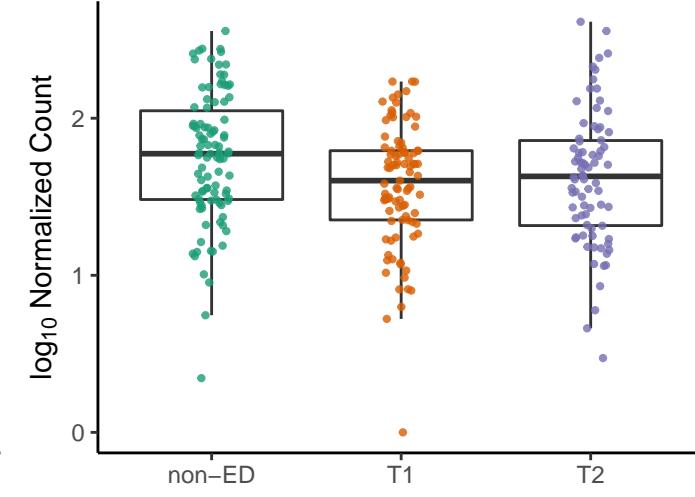
**Desulfomicrobium baculum**  
non-ED vs. T1 adjusted p = 0.35  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.88



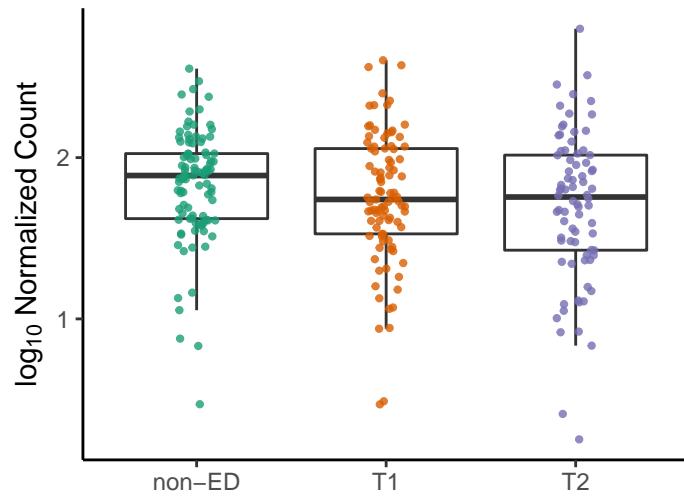
**Mesorhizobium sp. M2A.F.Ca.ET.043.05.**  
non-ED vs. T1 adjusted p = 0.78  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.59



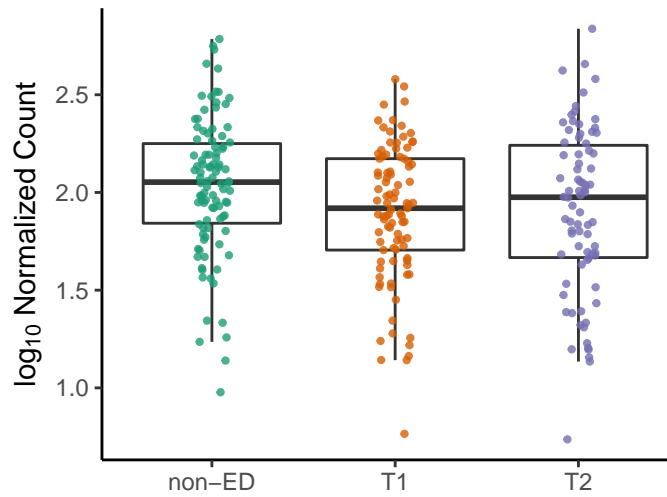
**Xenorhabdus doucetiae**  
non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.77



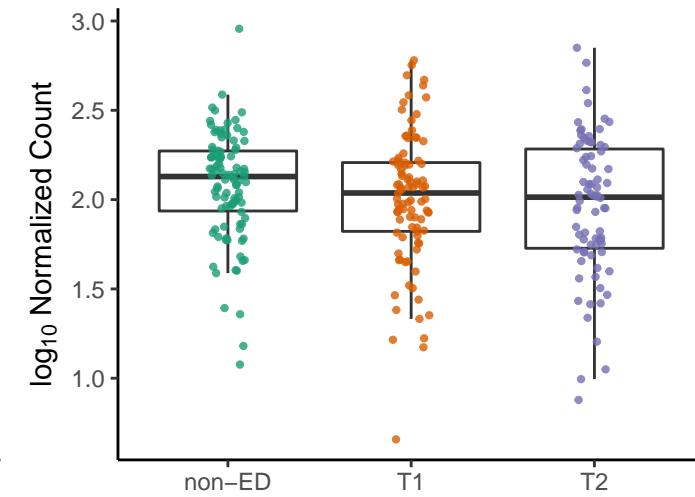
**Trichodesmium erythraeum**  
non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.75



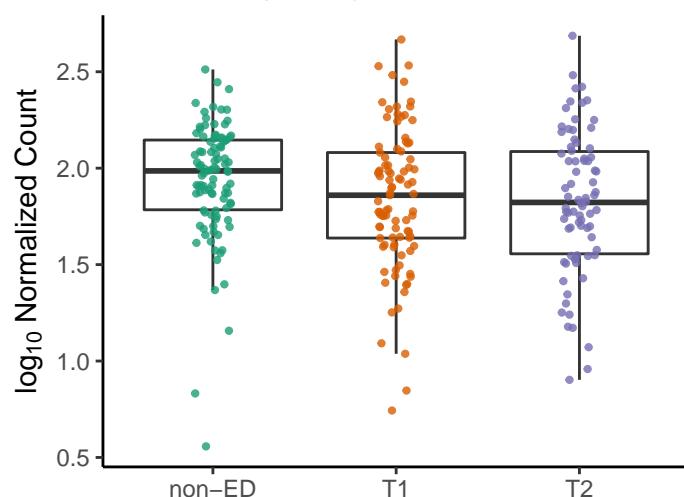
**Sporisorium graminicola**  
non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.77



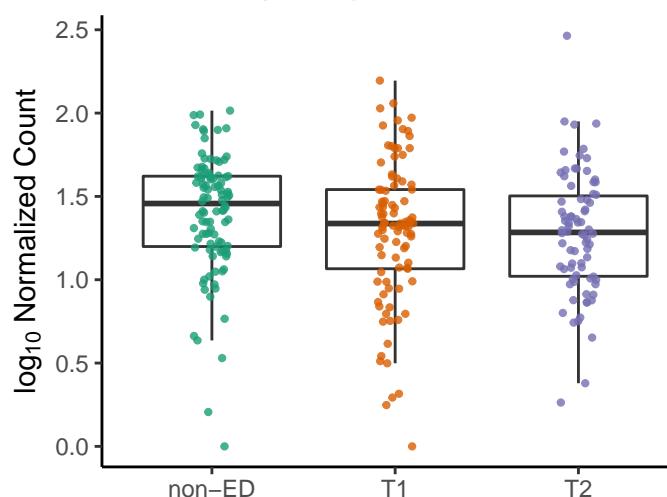
**Bacillus sp. FJAT-45348**  
non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.78



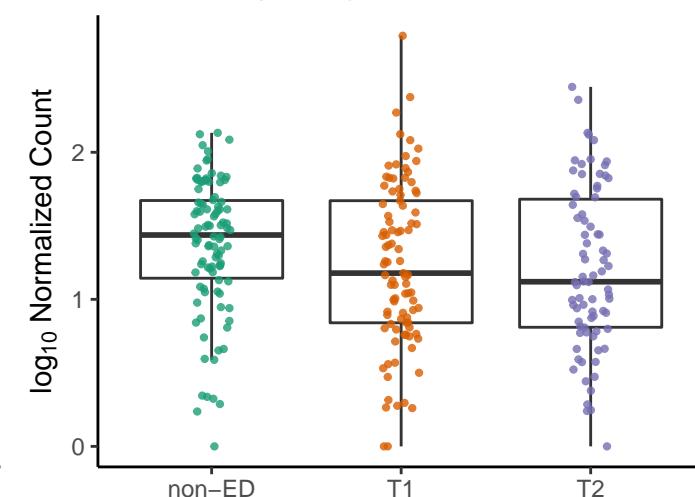
**Planococcus versutus**  
non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.97



**Acinetobacter gyllenbergsii**  
non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.8

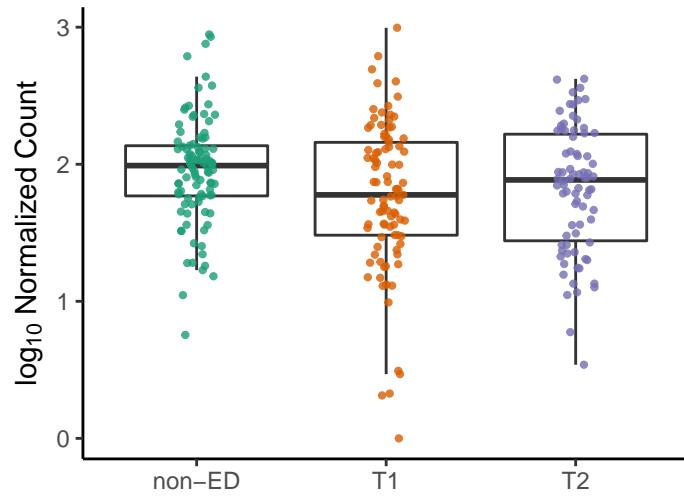


**Candidatus Pelagibacter sp. IMCC9063**  
non-ED vs. T1 adjusted p = 0.15  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.98



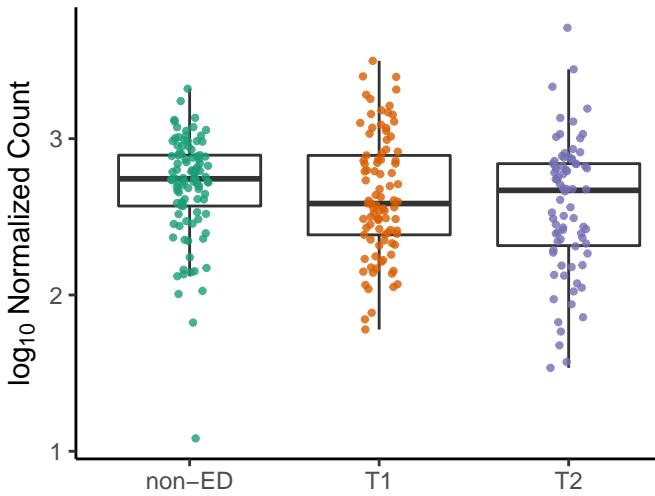
### *Pulveribacter suum*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.73



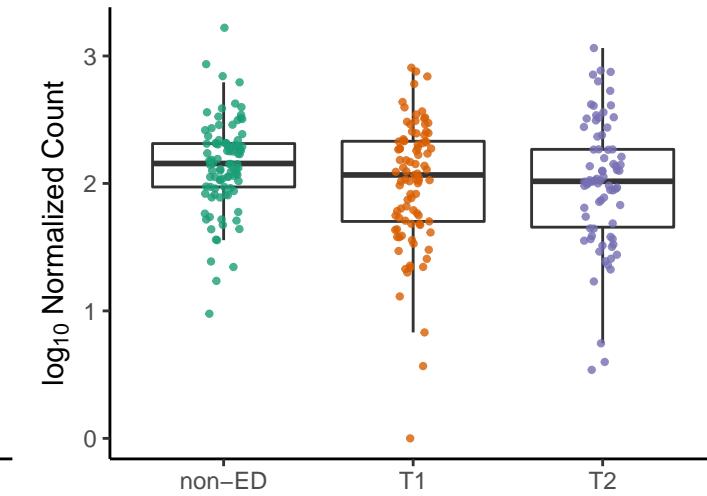
### *Clostridium bornimense*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.73



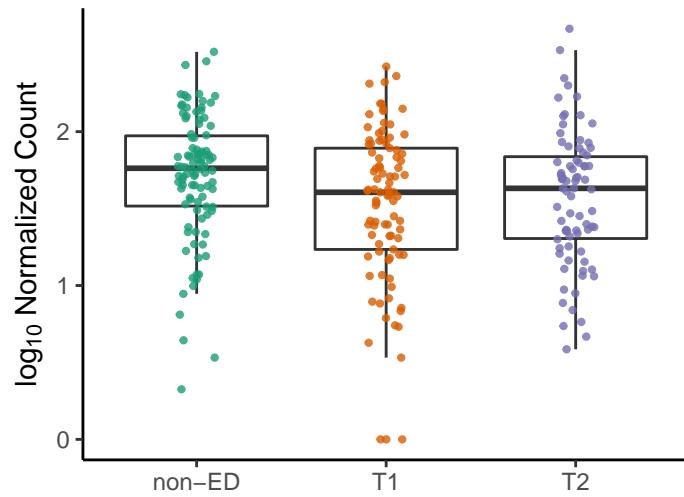
### *Rhodococcus* sp. X156

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.9



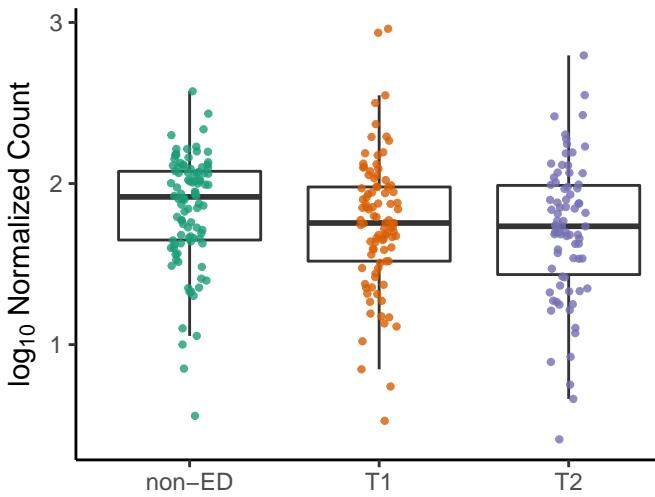
### *Corynebacterium pelargi*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.72



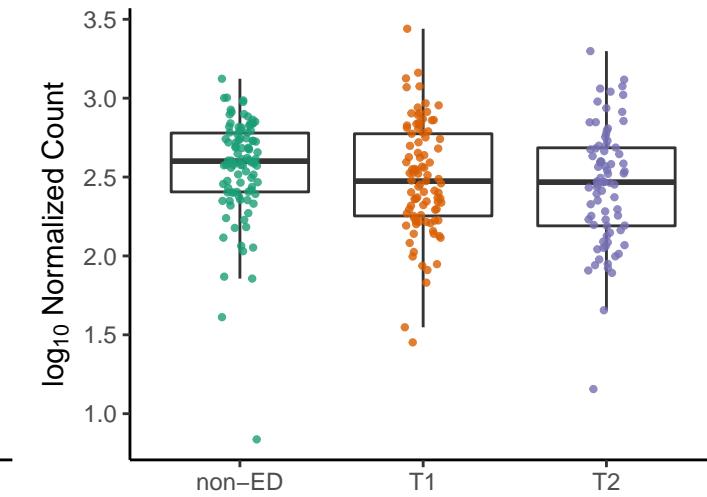
### *Flavobacterium* sp. HYN0086

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.74



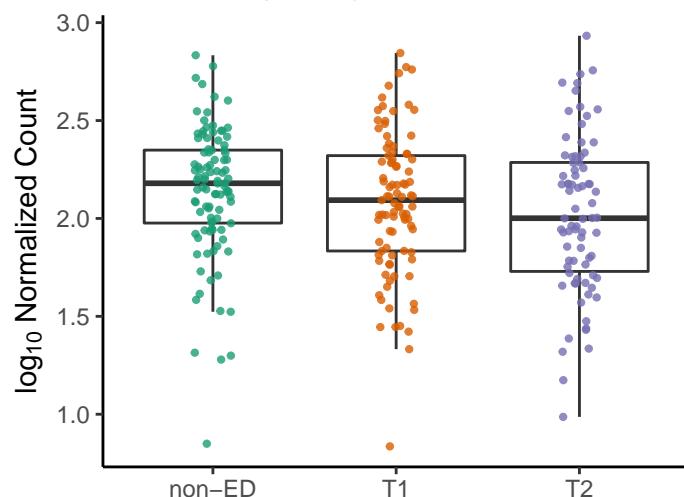
### *Clostridium* sp. JN-9

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.79



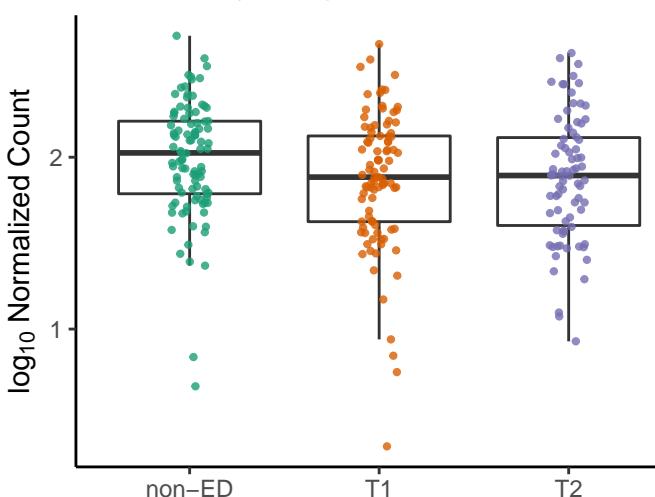
### *Listeria ivanovii*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.79



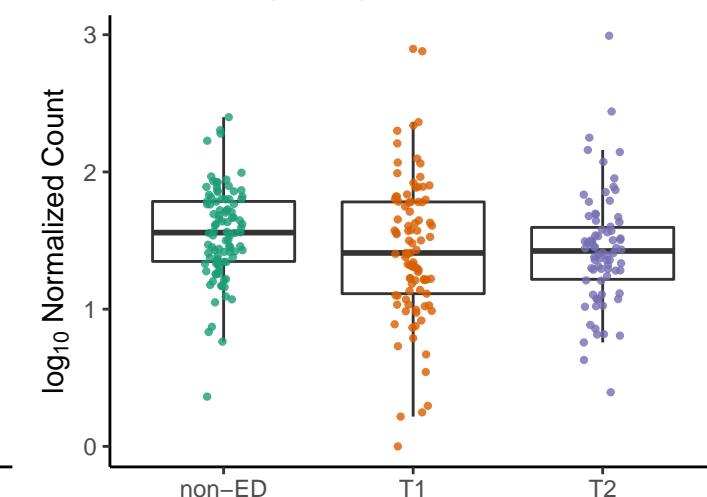
### *Vibrio furnissii*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.86



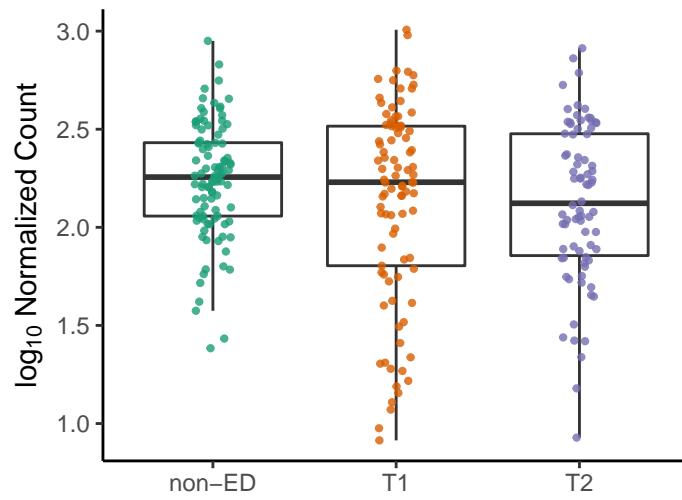
### *Lactobacillus kefiri*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.97



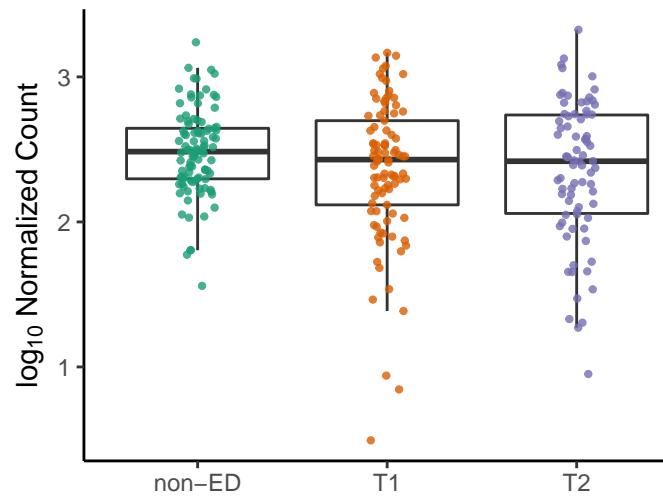
### Pontibacter sp. BT326

non-ED vs. T1 adjusted p = 0.17  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.98



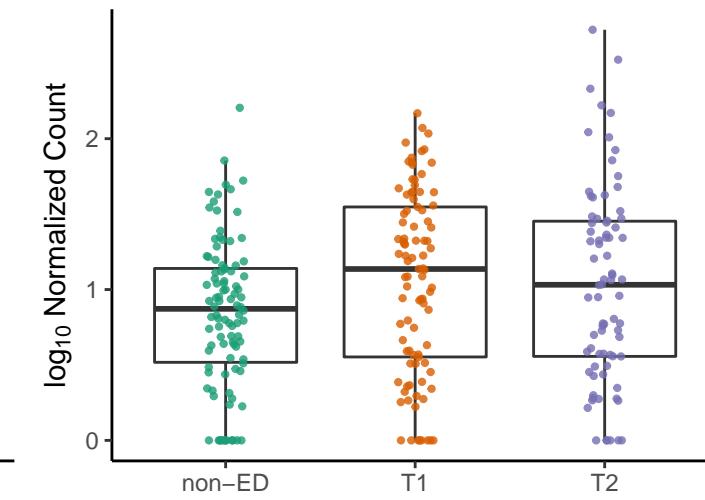
### Pseudodesulfovibrio indicus

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.91



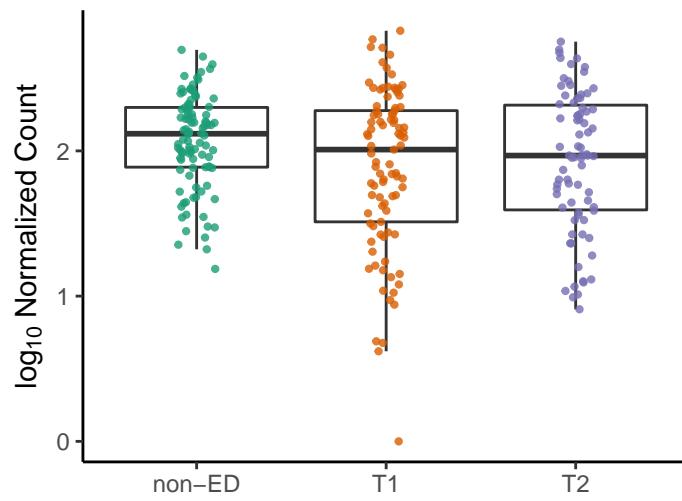
### Pseudomonas sp. FGI182

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.99



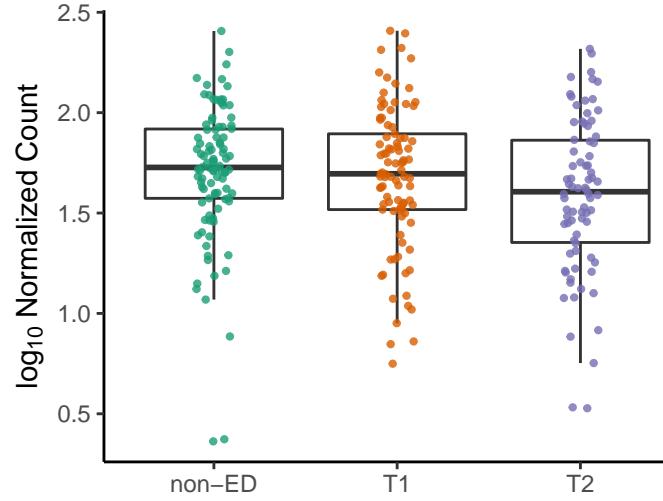
### Unclassified Nocardioides Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.7



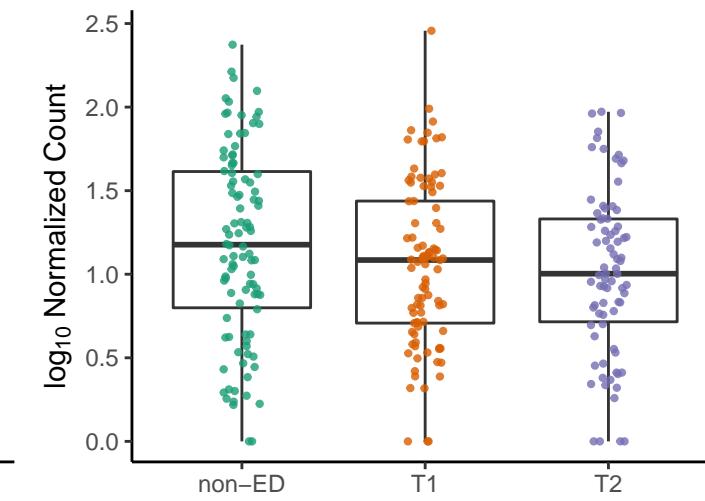
### Chryseobacterium carnis

non-ED vs. T1 adjusted p = 0.75  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.46



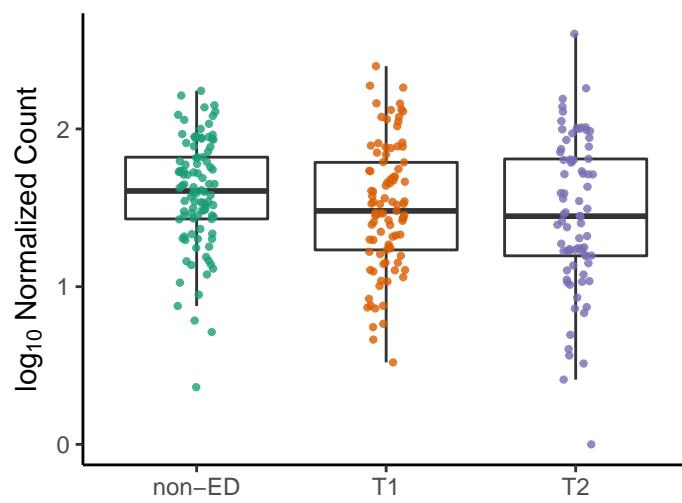
### Vibrio hyugaensis

non-ED vs. T1 adjusted p = 0.2  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.8



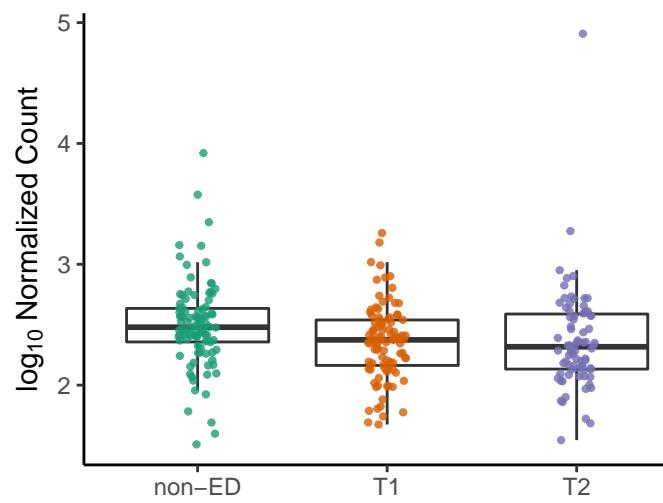
### Sulfurospirillum sp. UCH001

non-ED vs. T1 adjusted p = 0.2  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.79



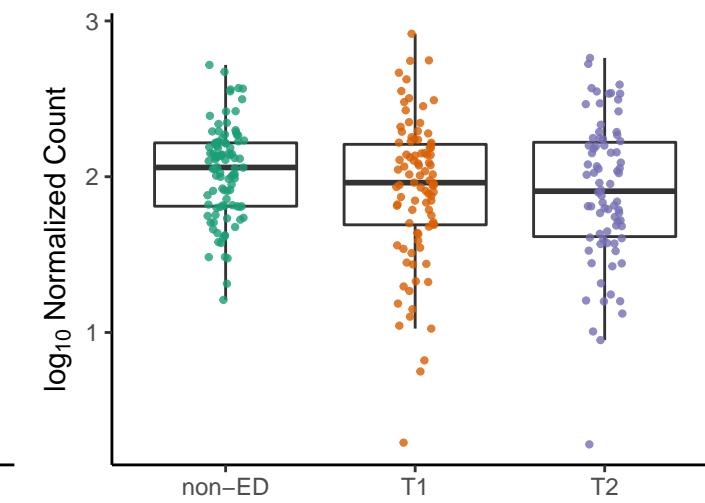
### Lactobacillus curvatus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.87



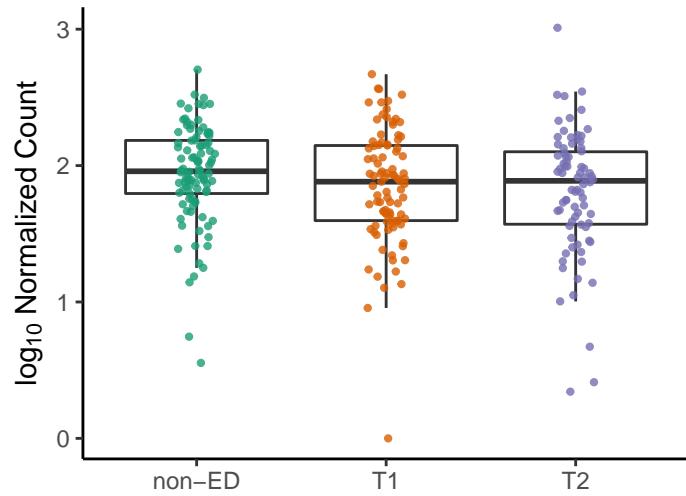
### Bradyrhizobium sp. 6(2017)

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.9



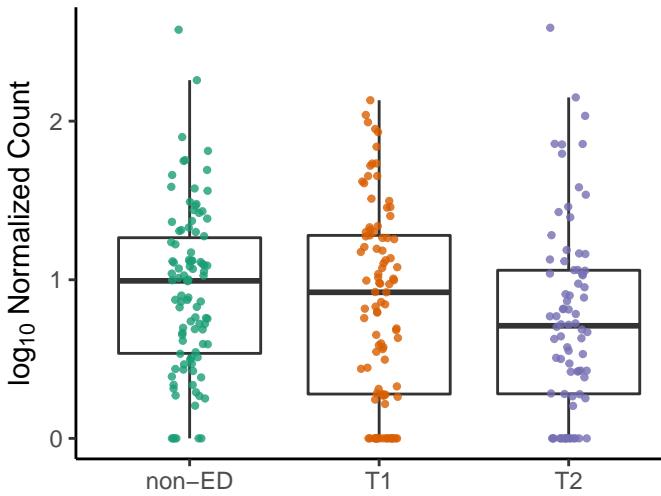
### *Caldicellulosiruptor obsidiansis*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.77



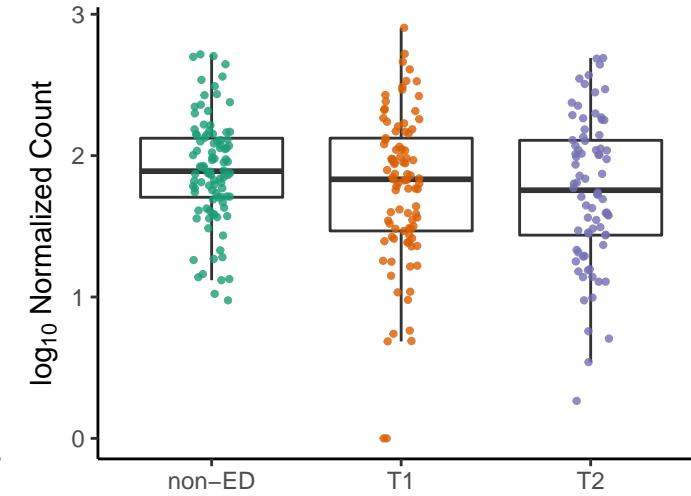
### *Roseomonas mucosa*

non-ED vs. T1 adjusted p = 0.48  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.68



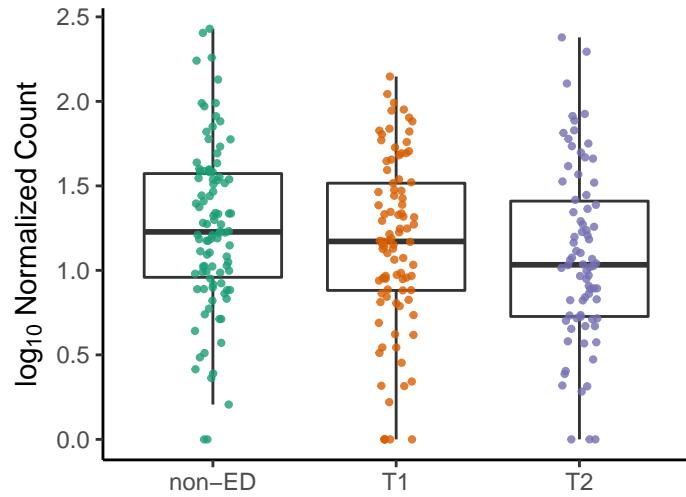
### *Halomonas* sp. 1513

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.99



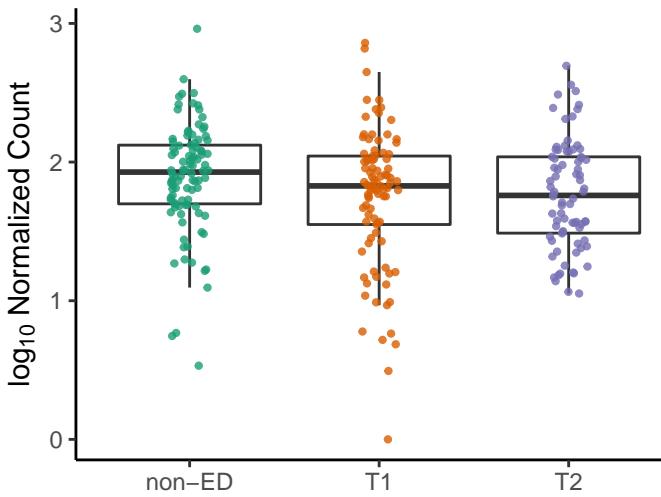
### *Acidithiobacillus ferrooxidans*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.8



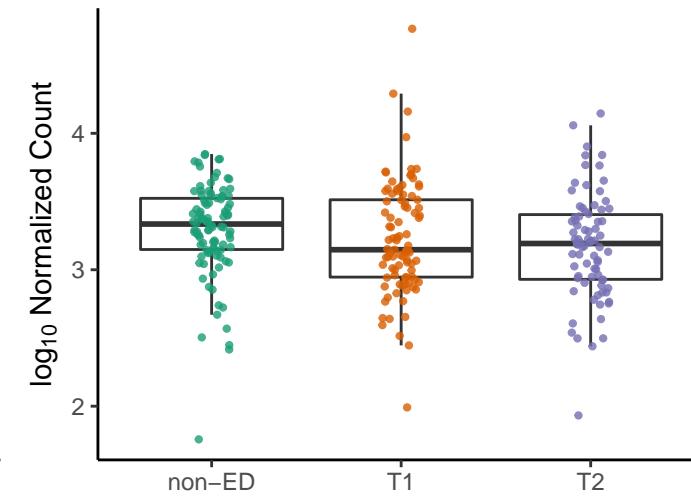
### *Nocardioides* sp. dk884

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.8



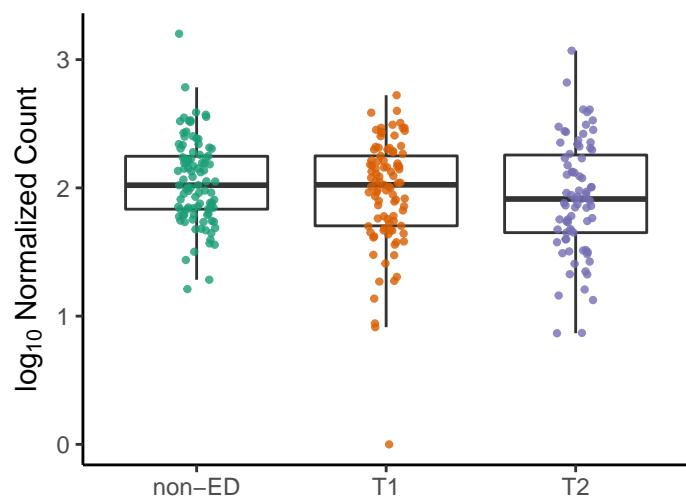
### *Clostridium perfringens*

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.68



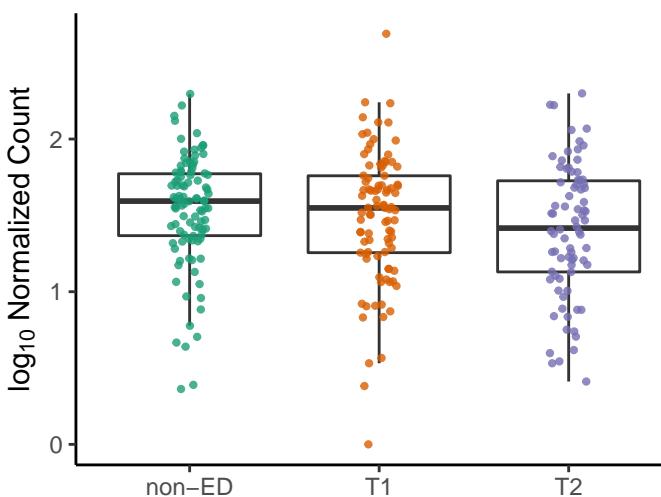
### Unclassified *Brevibacterium* Genus

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.87



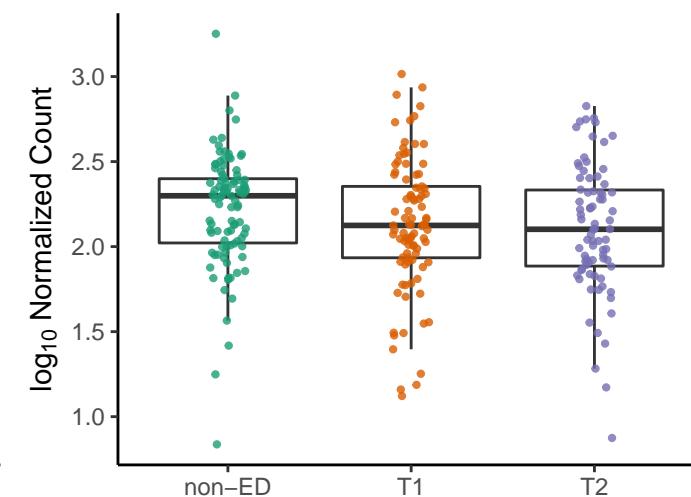
### *Chryseobacterium antarcticum*

non-ED vs. T1 adjusted p = 0.61  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.67



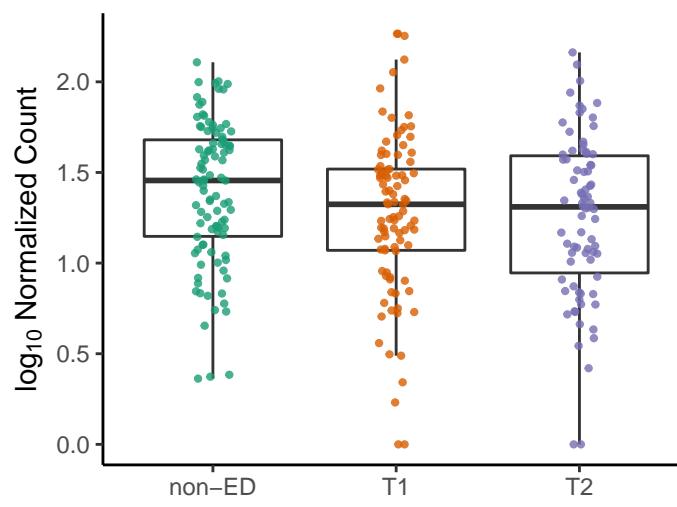
### *Erysipelothrix* sp. 15TAL0474

non-ED vs. T1 adjusted p = 0.18  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.88



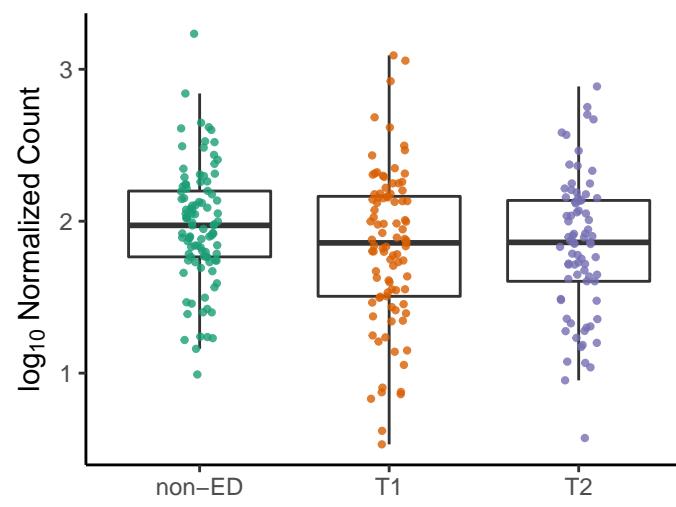
### *Methylomonas koyamae*

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.95



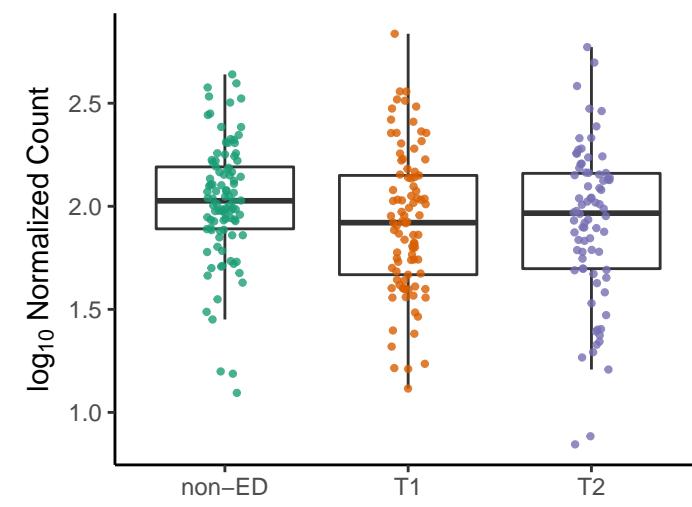
### *Micromonospora* sp. WMMC415

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.9



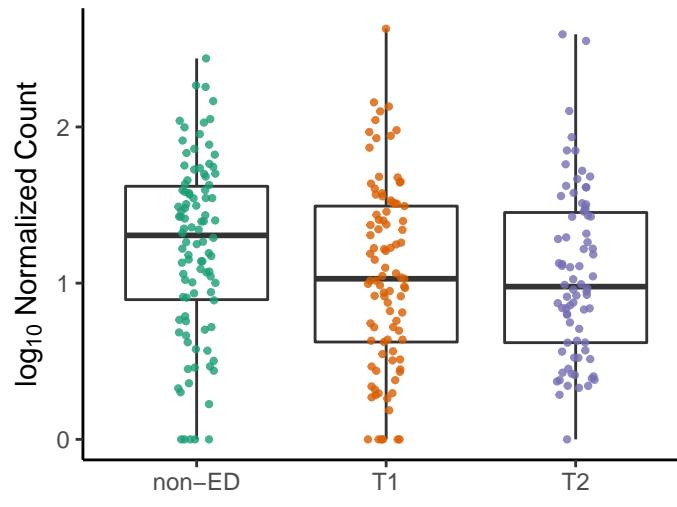
### *Streptococcus respiraculi*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.91



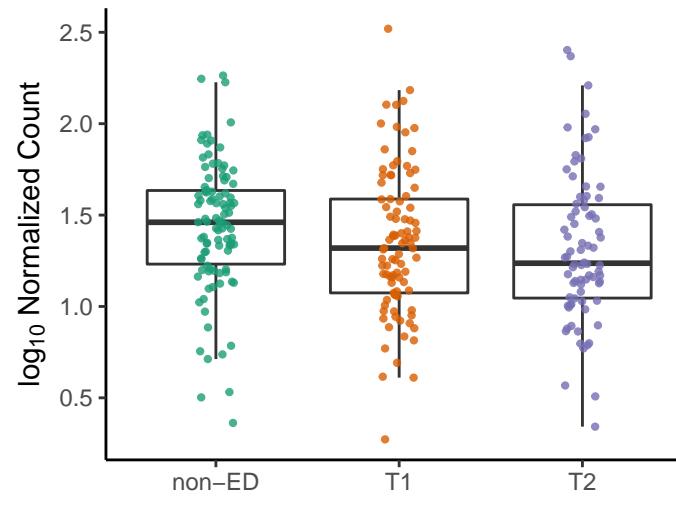
### Arsenophonus endosymbiont of Aleurodi

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.91



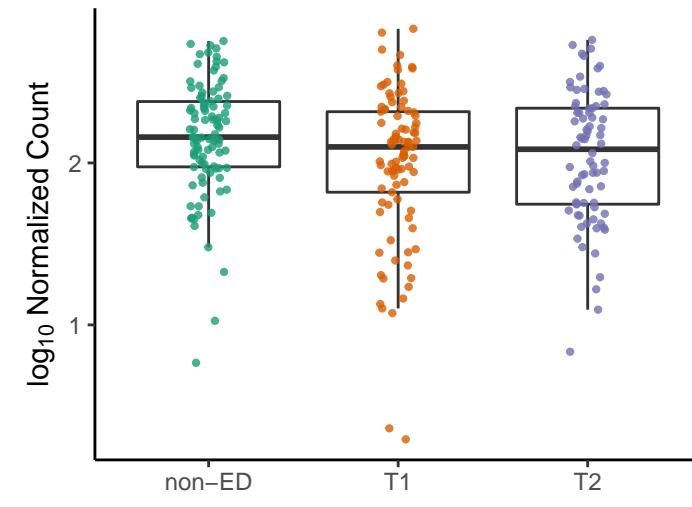
### *Staphylococcus equorum*

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.89



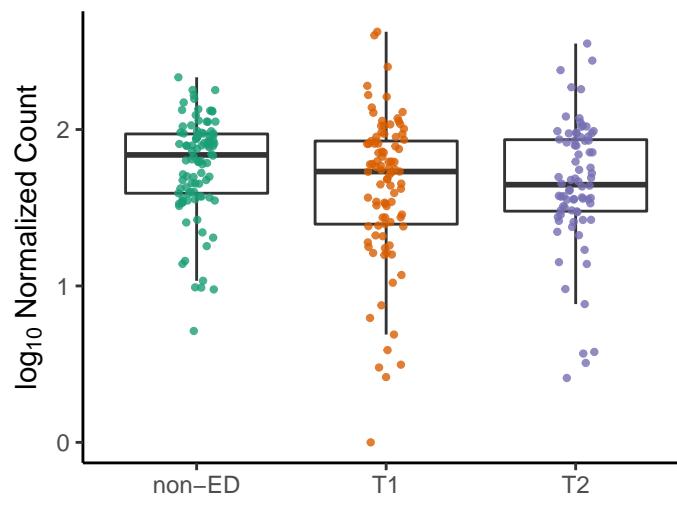
### *Hymenobacter* sp. BT18

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.73



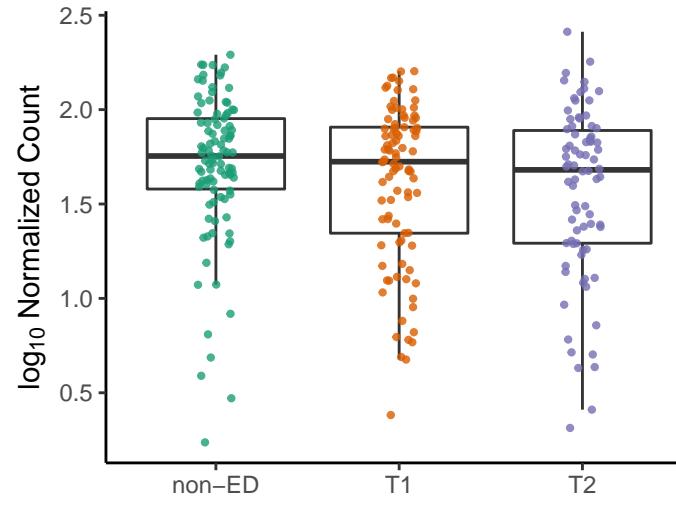
### *Chryseobacterium* sp. H3001

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.87



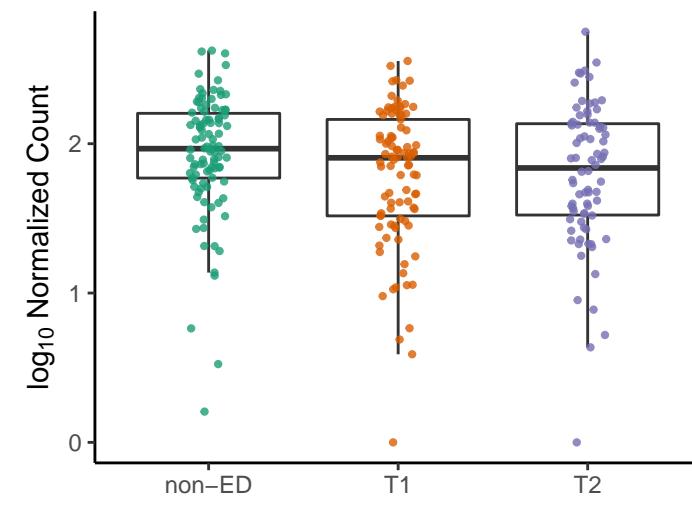
### *Ogataea parapolymerpha*

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.85



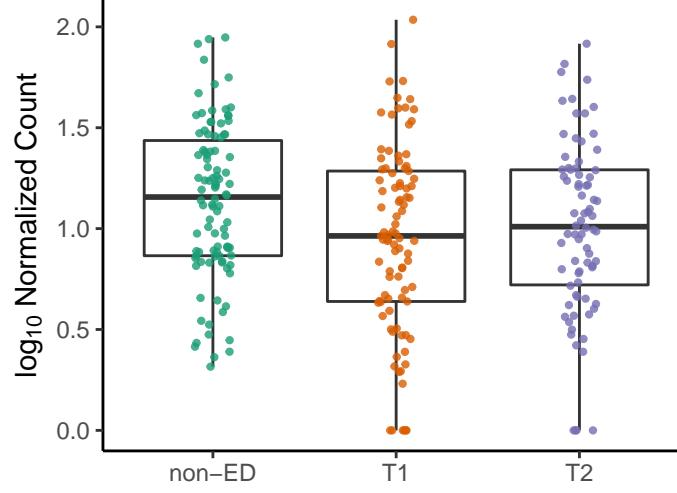
### *Pandorea pulmonicola*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.89



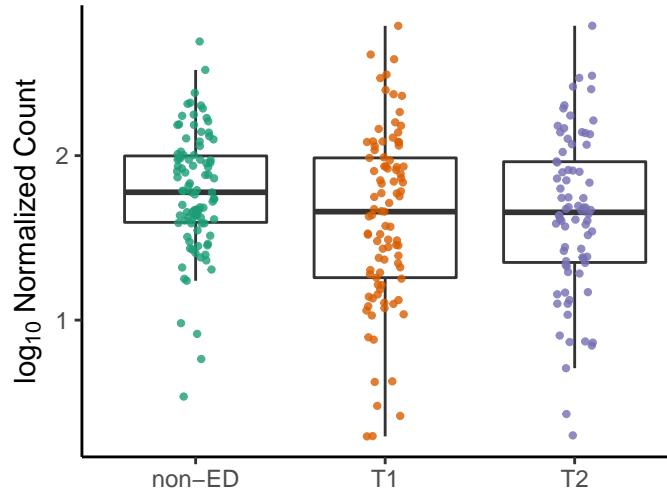
### Planctomycetes bacterium Mal35

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.73



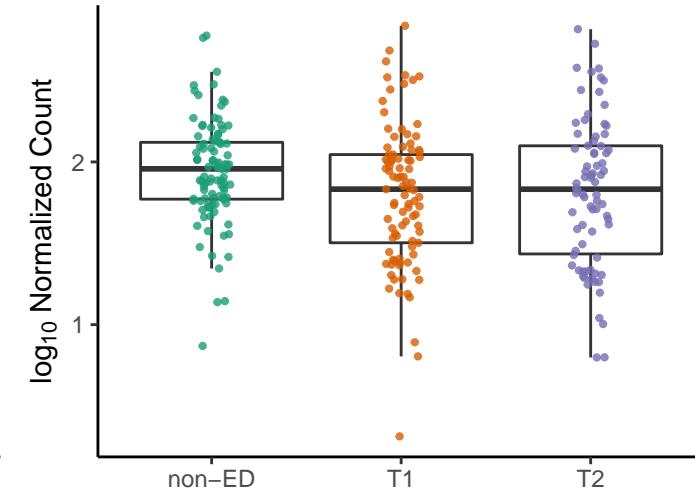
### Bordetella pseudohinzipii

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.73



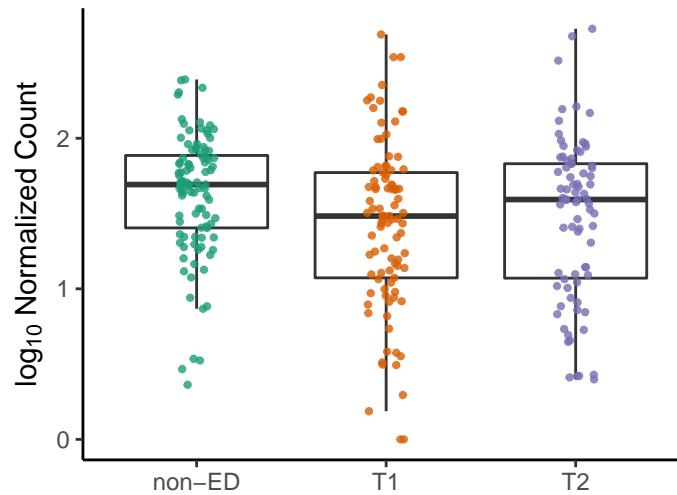
### Streptomyces atratus

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.85



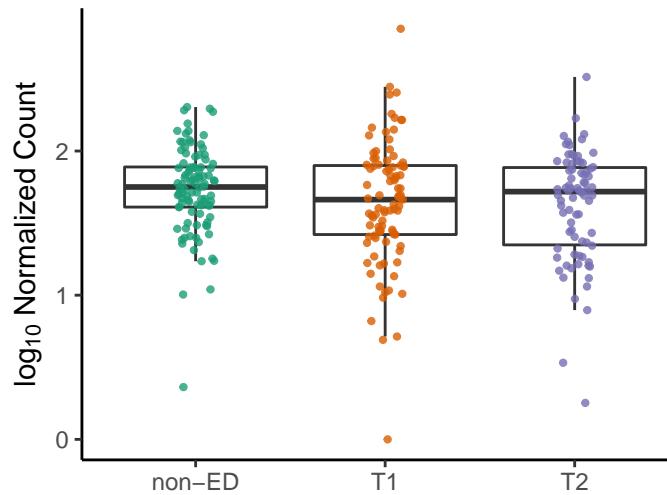
### [Pseudomonas] mesoacidophila

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.7



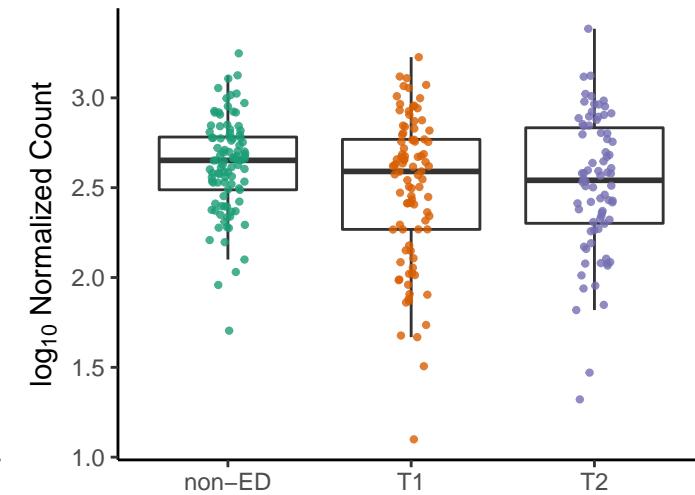
### Orbus sp. IPMB12

non-ED vs. T1 adjusted p = 0.19  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.97



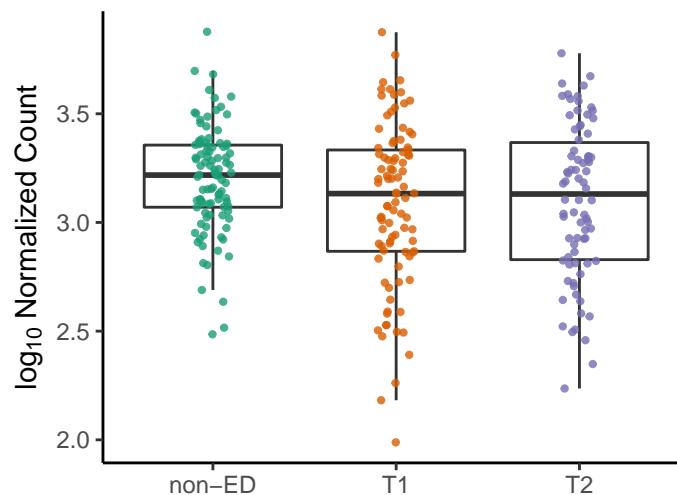
### Tumebacillus avium

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.77



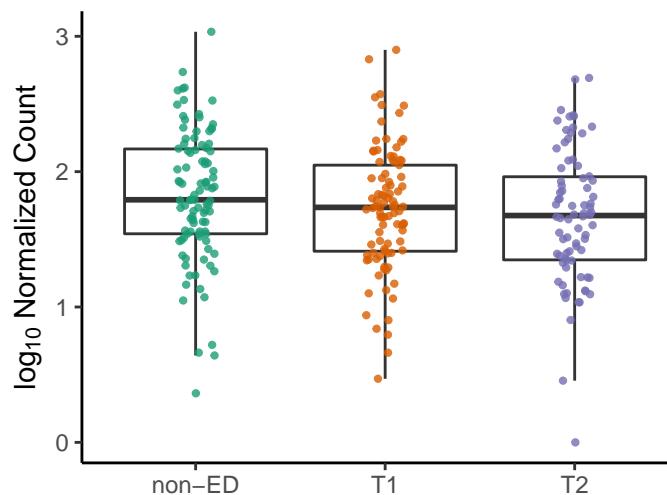
### Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.76



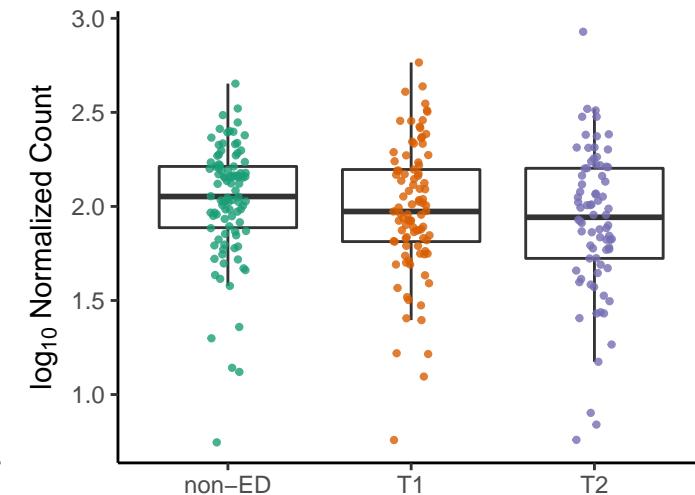
### Unclassified Mollicutes Class

non-ED vs. T1 adjusted p = 0.25  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.79



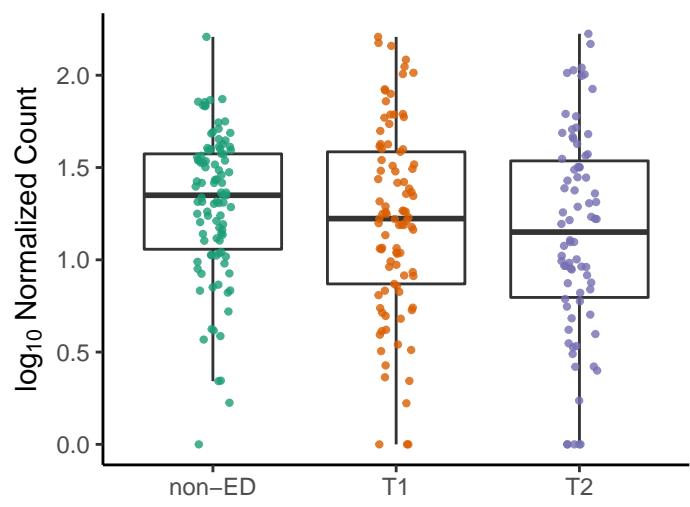
### Macrococcus canis

non-ED vs. T1 adjusted p = 0.46  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.67



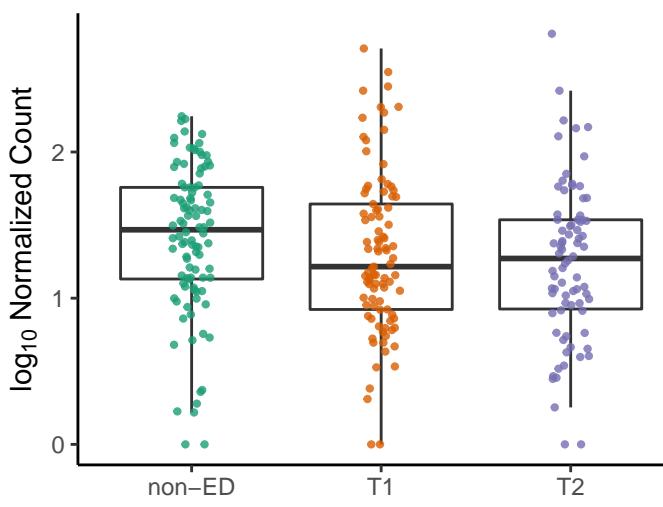
### *Thermoanaerobacter mathranii*

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.75



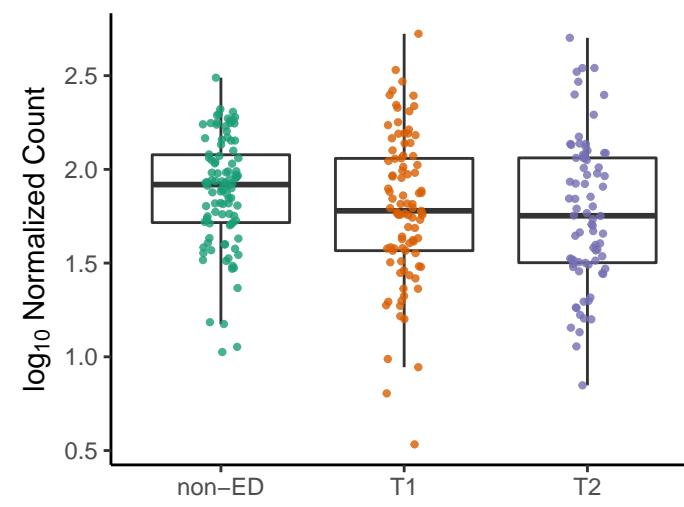
### *Mycoplasma penetrans*

non-ED vs. T1 adjusted p = 0.29  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.8



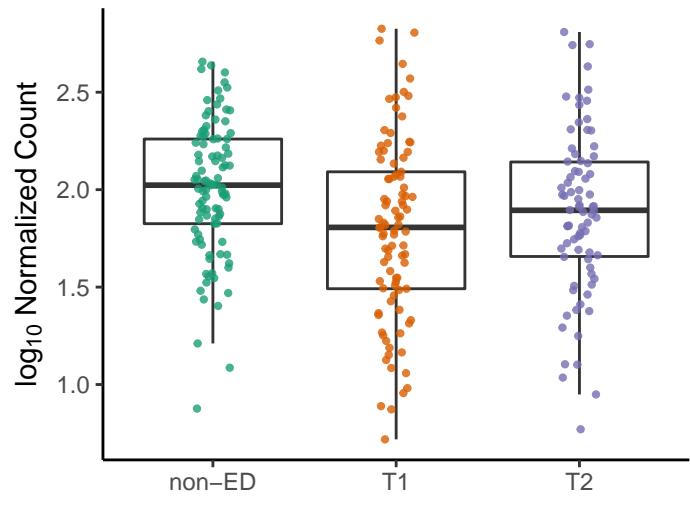
### *Listeria innocua*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.95



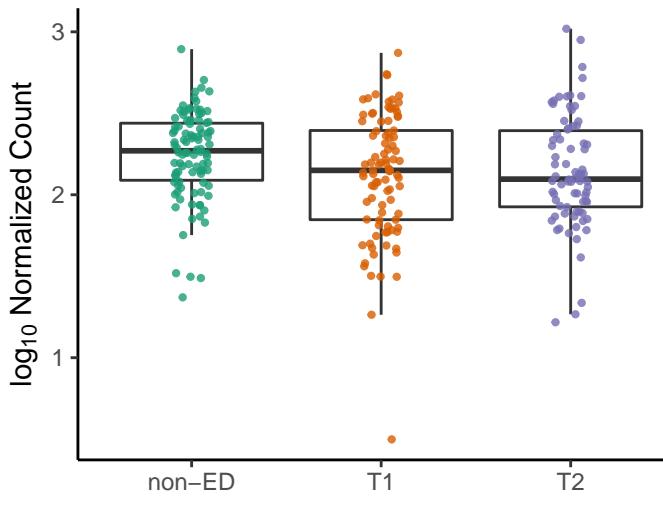
### *Roseobacter denitrificans*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.62



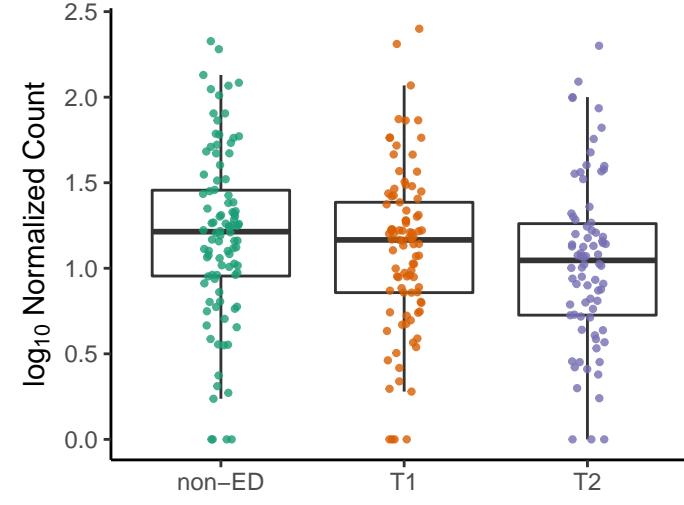
### *Desulfobacterium autotrophicum*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.75



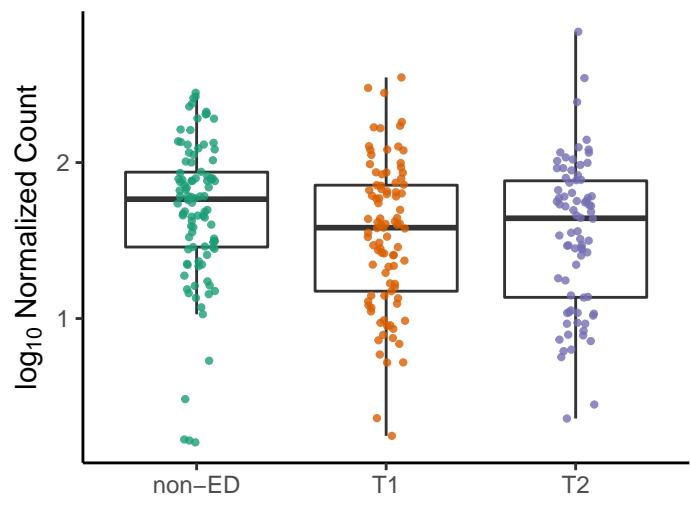
### *Caldicellulosiruptor bescii*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.72



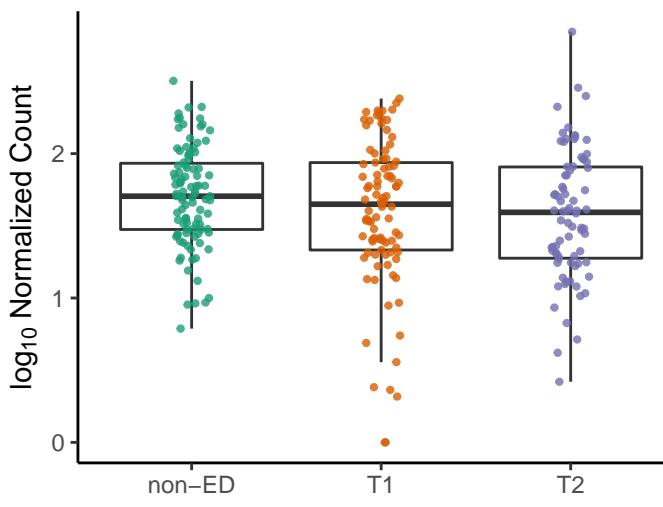
### *Polaribacter reichenbachii*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 1



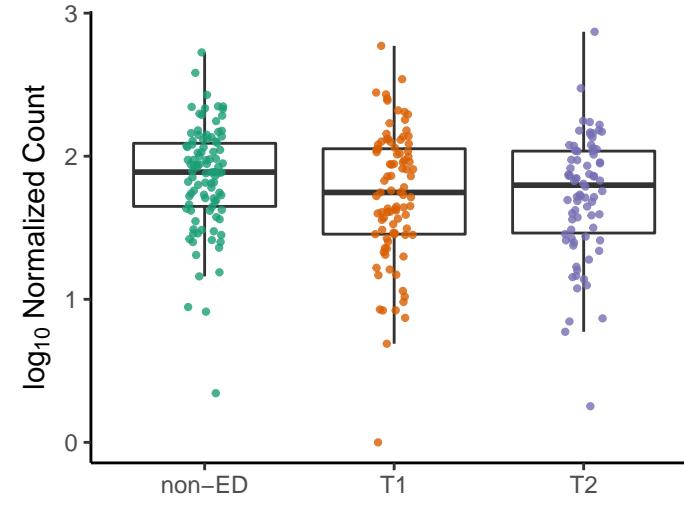
### *Paracoccus sp. BM15*

non-ED vs. T1 adjusted p = 0.17  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.93



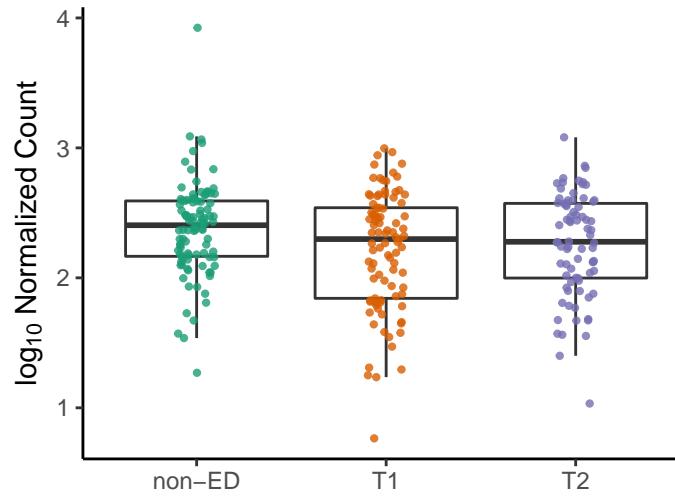
### *Pseudomonas sp. OIL-1*

non-ED vs. T1 adjusted p = 0.1  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.86



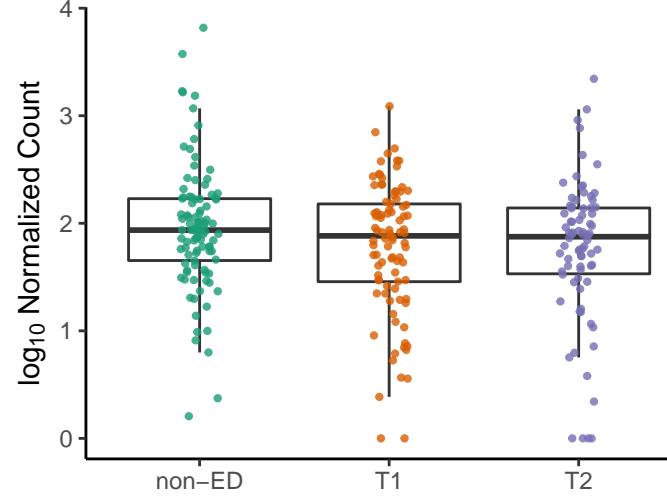
### *Cupriavidus necator*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.72



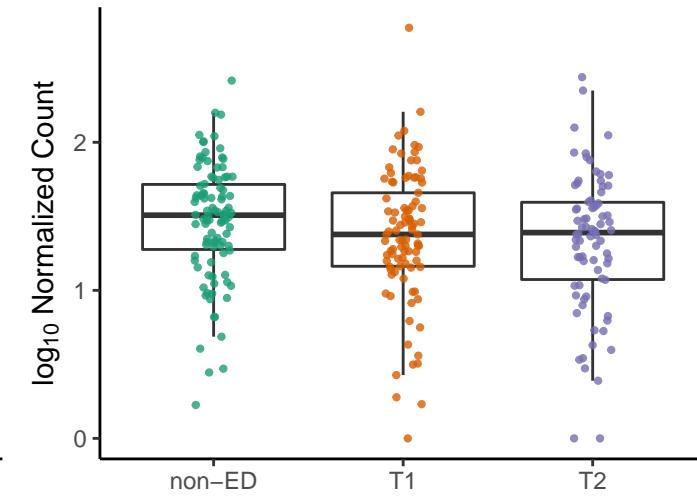
### Unclassified Muribaculaceae Family

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.86



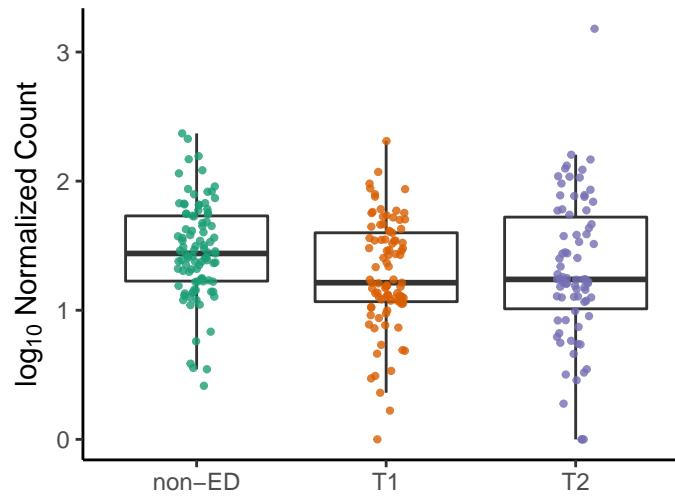
### Unclassified Legionella Genus

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.81



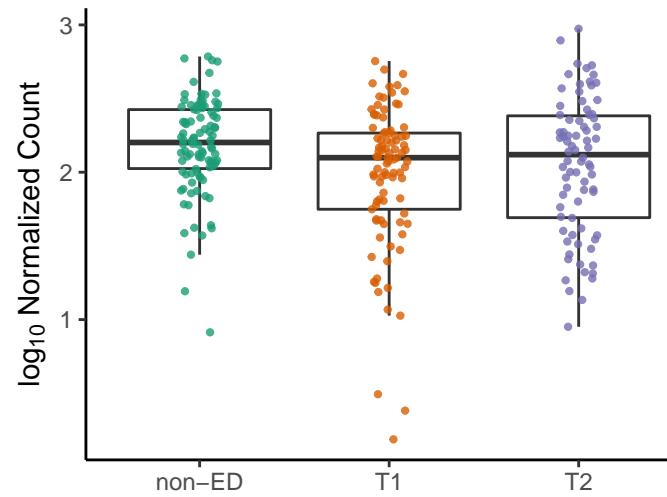
### *Candidatus Nitrosoglobus terrae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.79



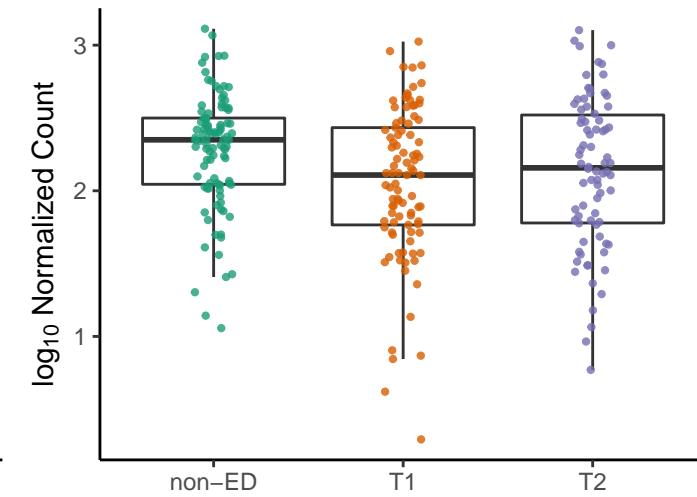
### *Hymenobacter nivis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.67



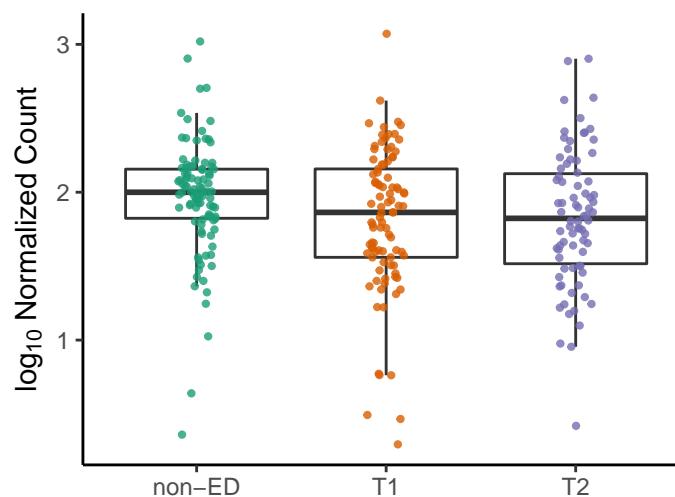
### *Kineococcus radiotolerans*

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.67



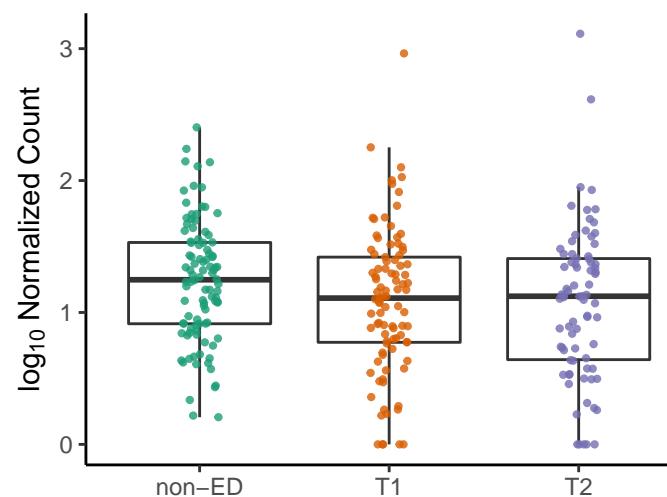
### *Rhodococcus ruber*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.78



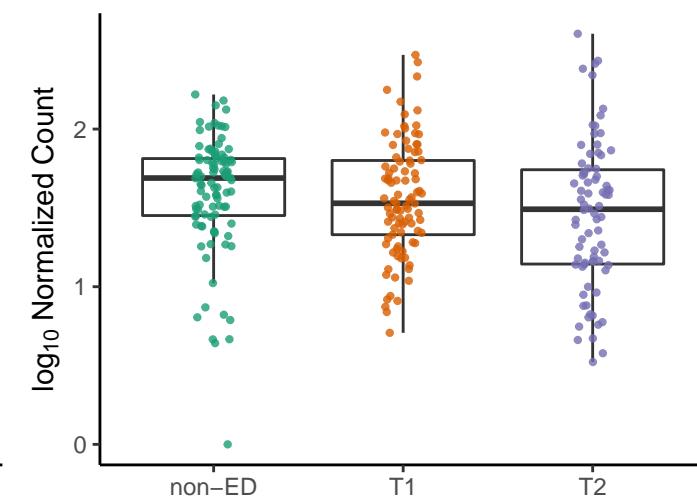
### *Thermococcus cleftensis*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.95



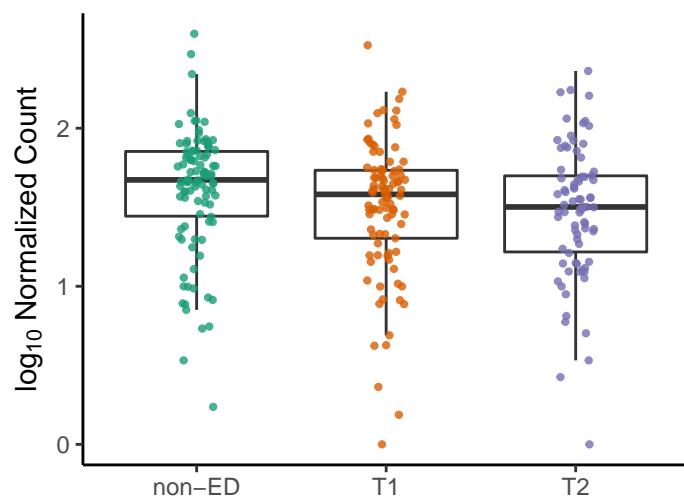
### *Arsenophonus nasoniae*

non-ED vs. T1 adjusted p = 0.61  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.66



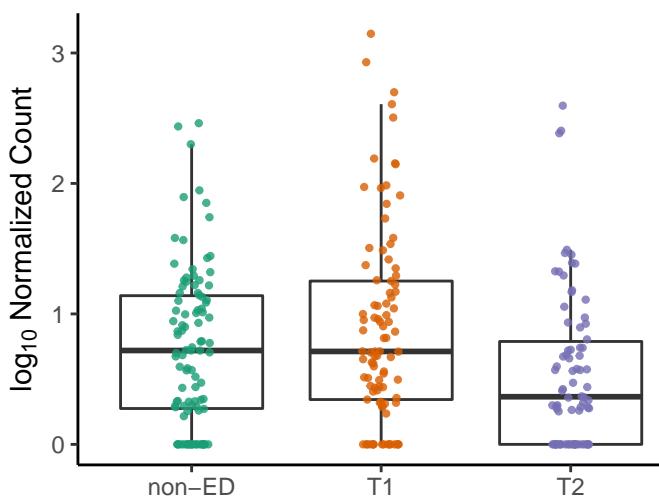
### *Kingella kingae*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.91



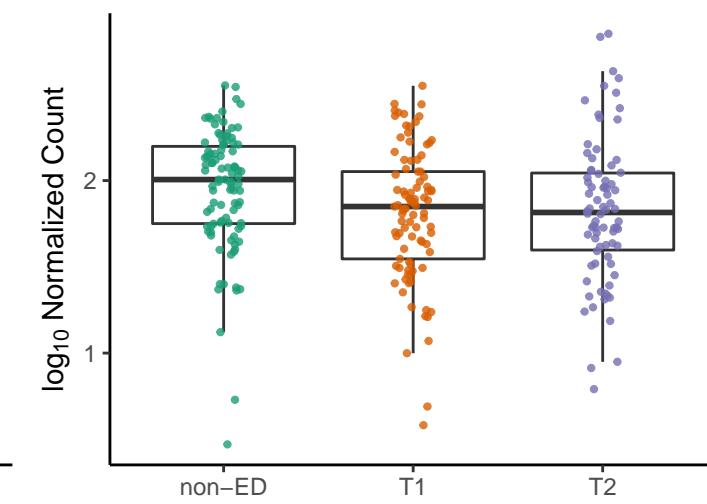
### *Citrobacter sp. CRE-46*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.017



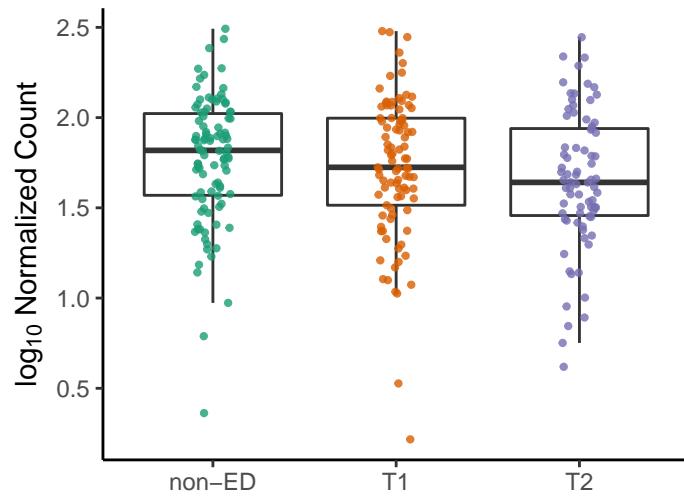
### *Listeria sp. PSOL-1*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.95



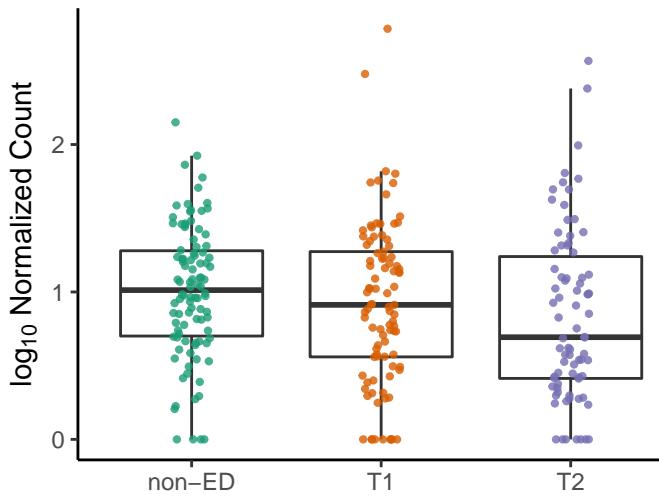
### [*Brevibacterium*] frigoritolerans

non-ED vs. T1 adjusted p = 0.5  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.7



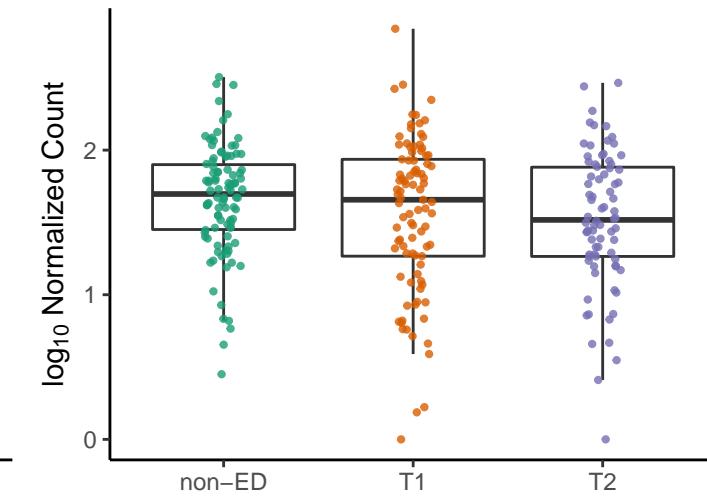
### *Pseudomonas* sp. BJP69

non-ED vs. T1 adjusted p = 0.36  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.77



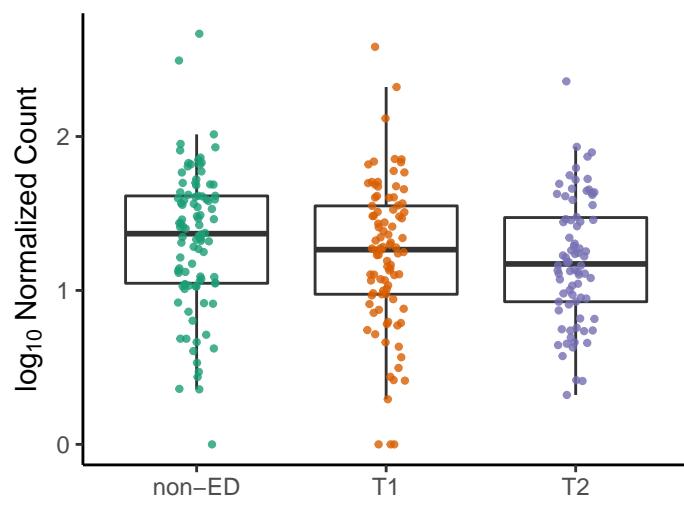
### Unclassified Chlorobaculum Genus

non-ED vs. T1 adjusted p = 0.24  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.9



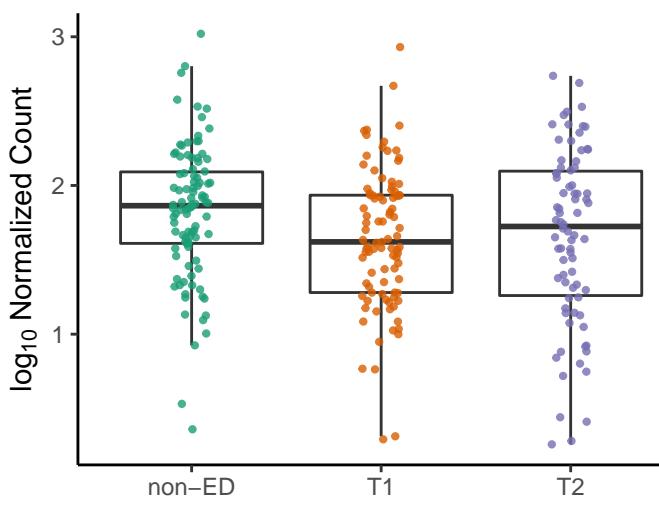
### Unclassified Piscirickettsiaceae Family

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.97



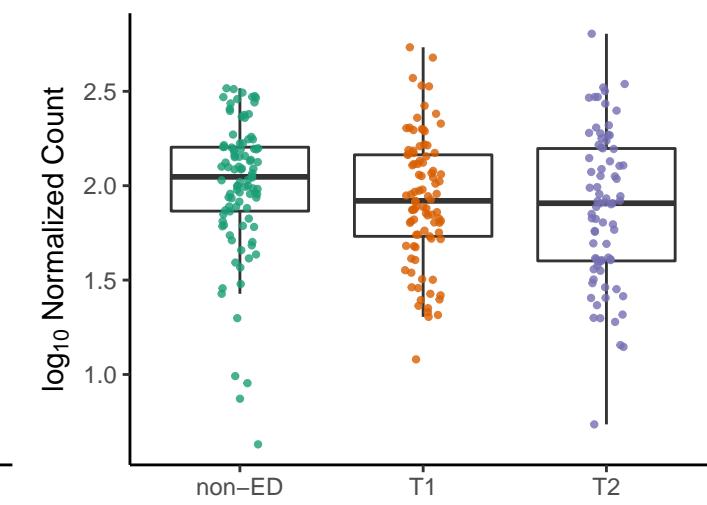
### *Salinigranum rubrum*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.88



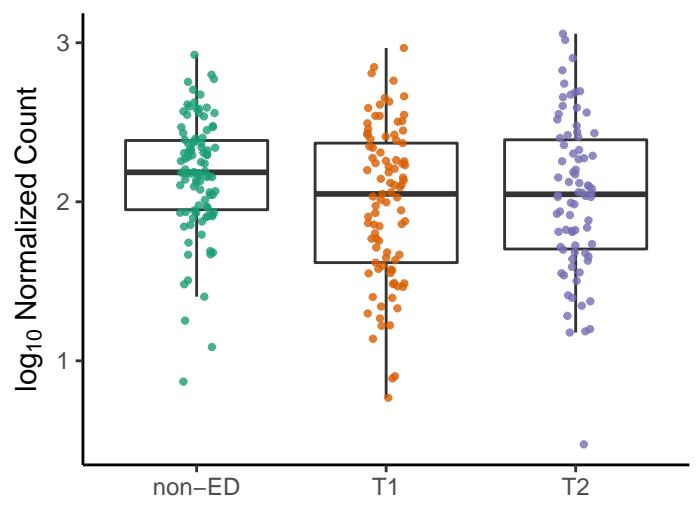
### Bacillaceae bacterium TKL69

non-ED vs. T1 adjusted p = 0.23  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.81



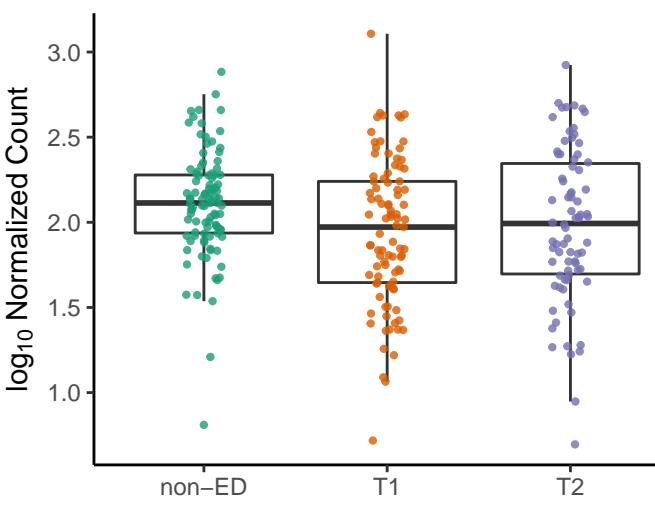
### *Propioniciclava* sp. HDW11

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.73



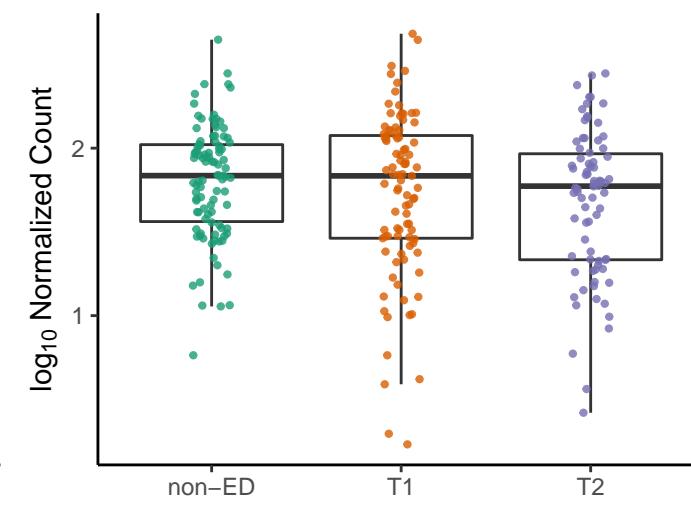
### *Diaphorobacter* sp. HDW4A

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.66



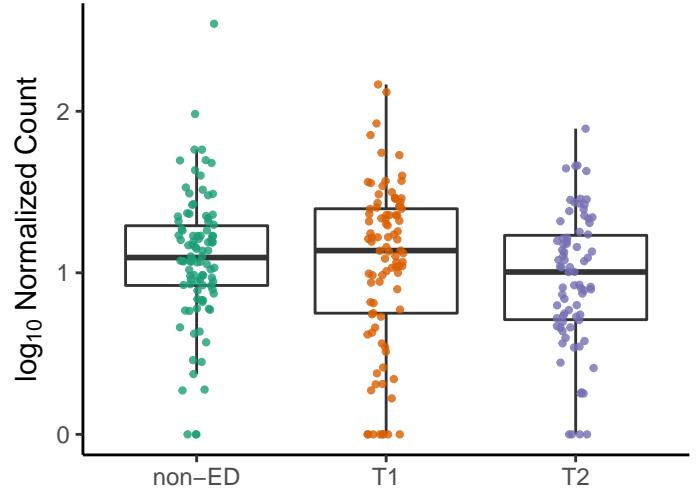
### *Pseudactinotalea* sp. HY158

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.94



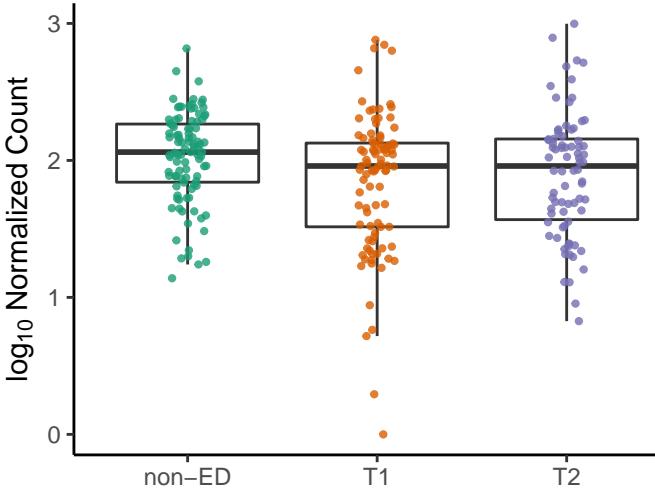
### *Pseudomonas* sp. J380

non-ED vs. T1 adjusted p = 0.67  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.67



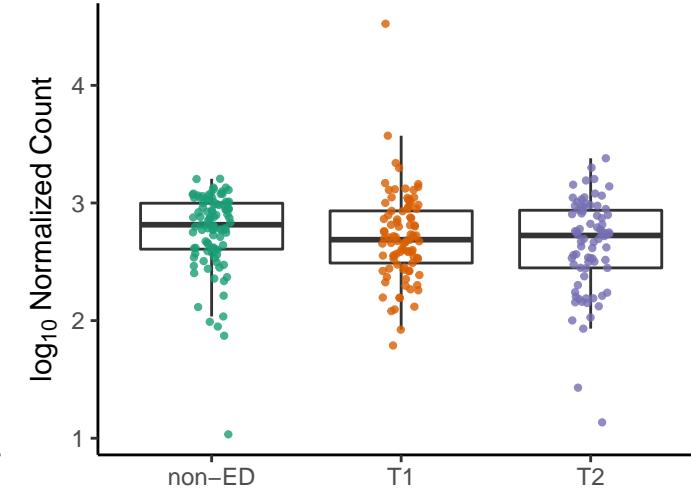
### *Rubrobacter radiotolerans*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.68



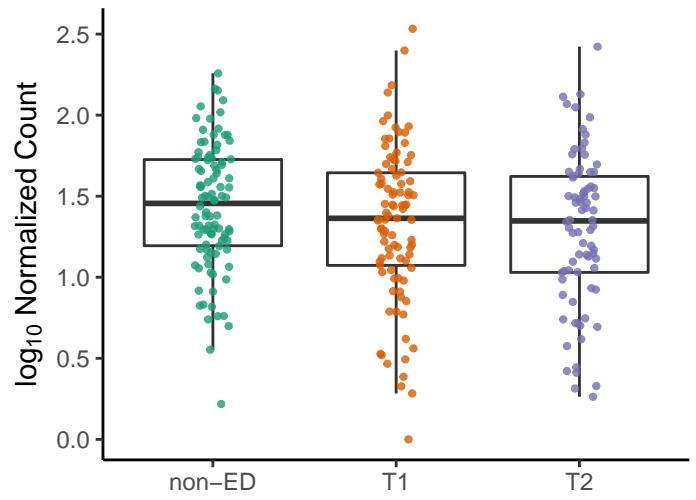
### Unclassified Cellulosilyticum Genus

non-ED vs. T1 adjusted p = 0.44  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.7



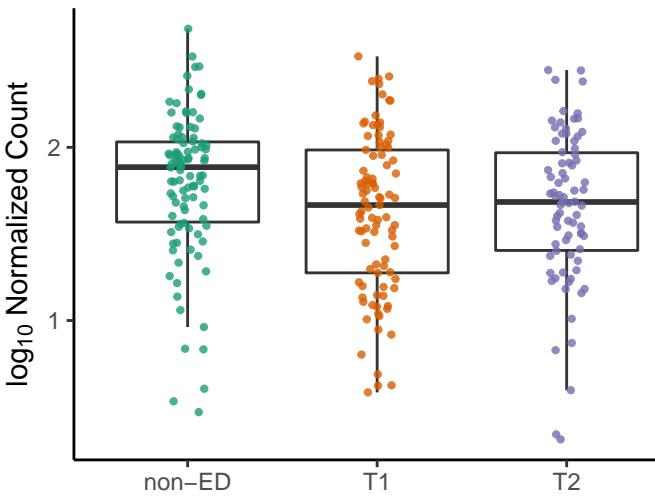
### Unclassified Methylomicrobium Genus

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.97



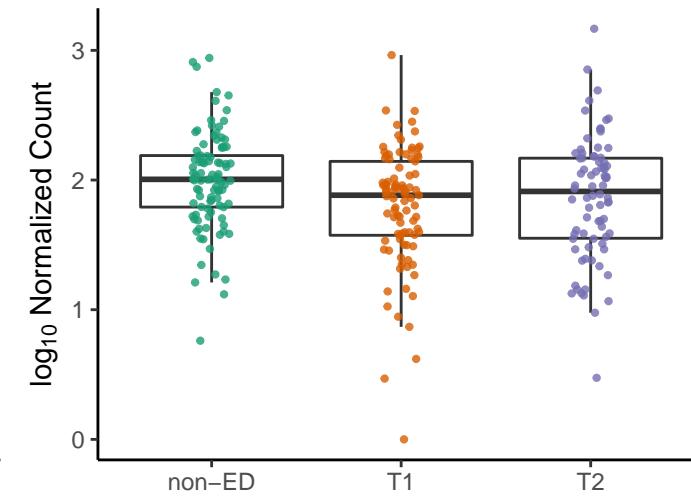
### *Coraliomargarita akajimensis*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.78



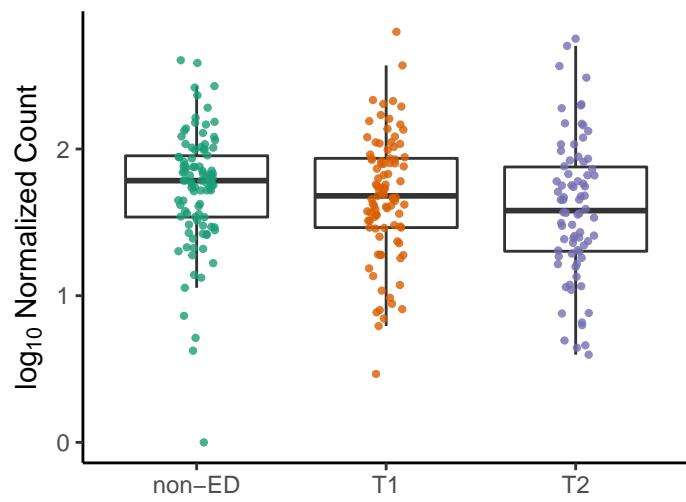
### *Ketogulonicigenium robustum*

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.61



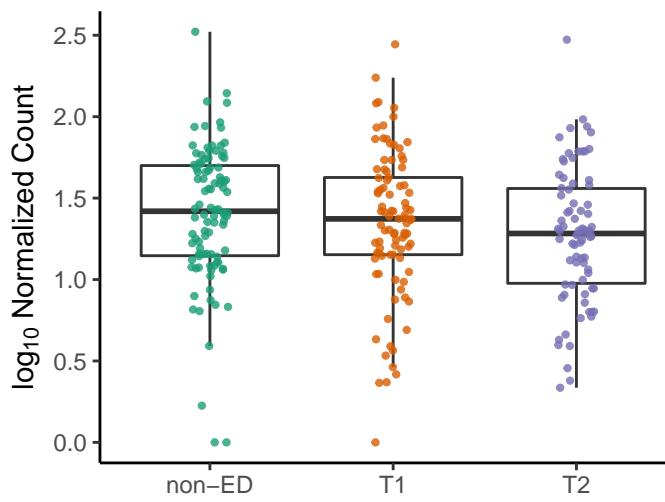
### Sulfurihydrogenibium azorense

non-ED vs. T1 adjusted p = 0.47  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.69



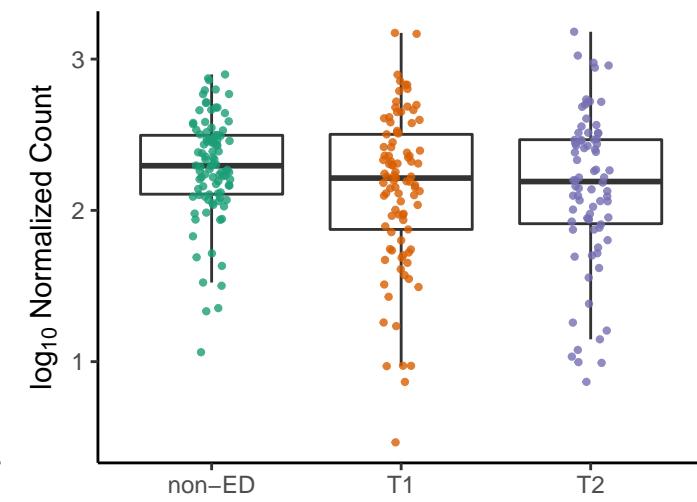
### Acinetobacter calcoaceticus

non-ED vs. T1 adjusted p = 0.47  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.86



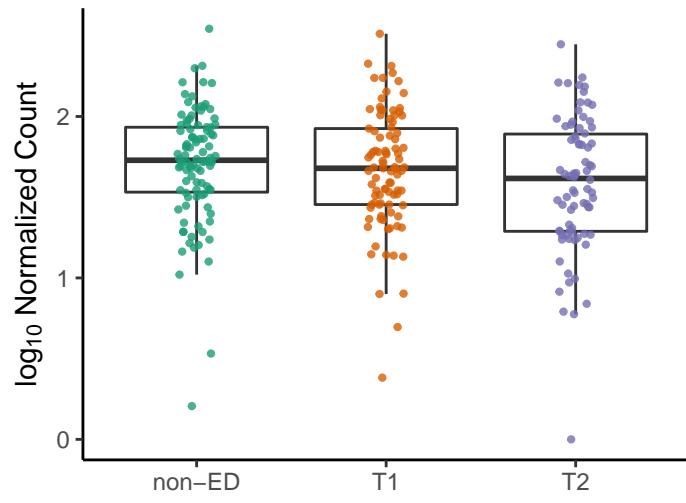
### Actinoplanes sp. OR16

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.89



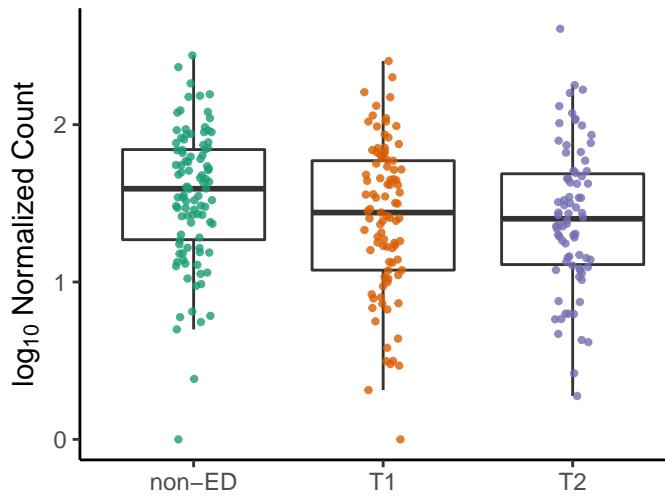
### Pectobacterium polaris

non-ED vs. T1 adjusted p = 0.61  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.7



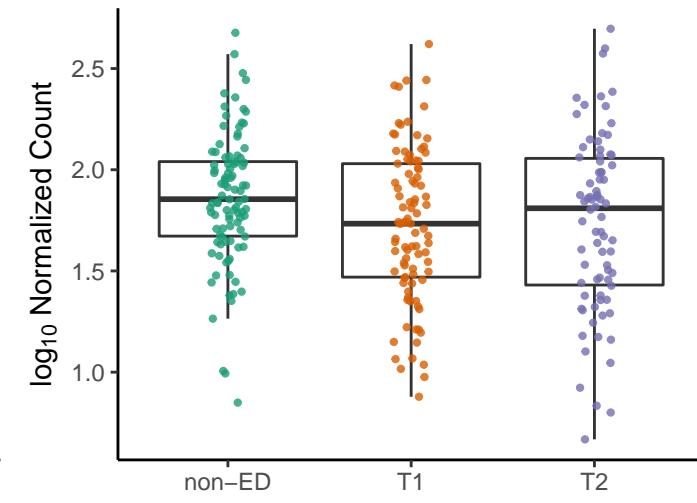
### Janthinobacterium sp. SNU WT3

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.91



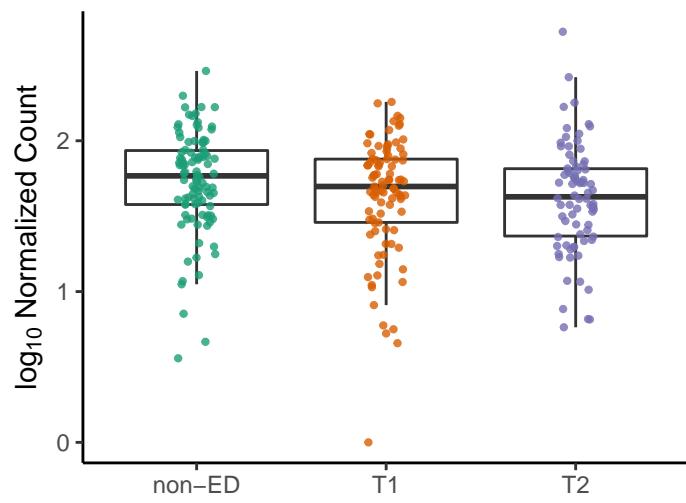
### Acinetobacter haemolyticus

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.9



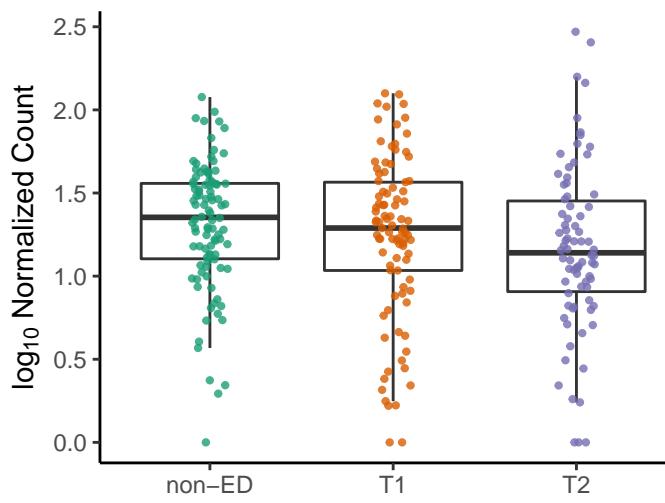
### Cylindrospermum stagnale

non-ED vs. T1 adjusted p = 0.14  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.92



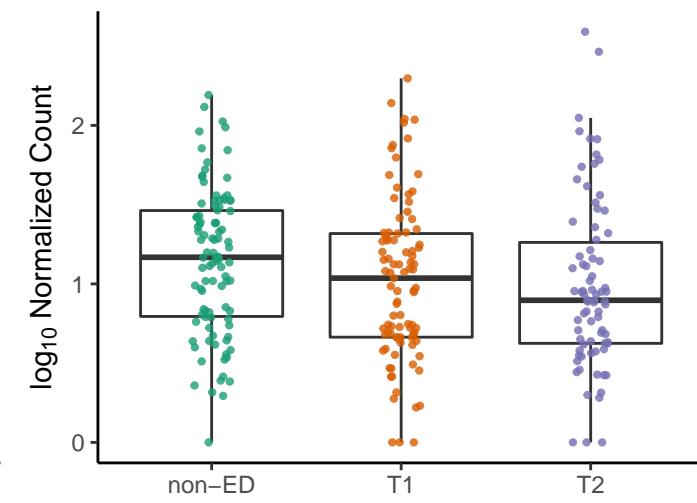
### Methanolinea tarda

non-ED vs. T1 adjusted p = 0.41  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.68



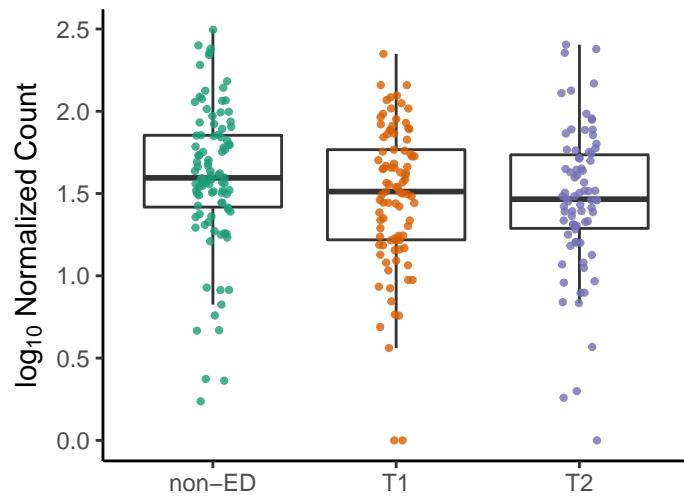
### Burkholderia anthina

non-ED vs. T1 adjusted p = 0.16  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.95



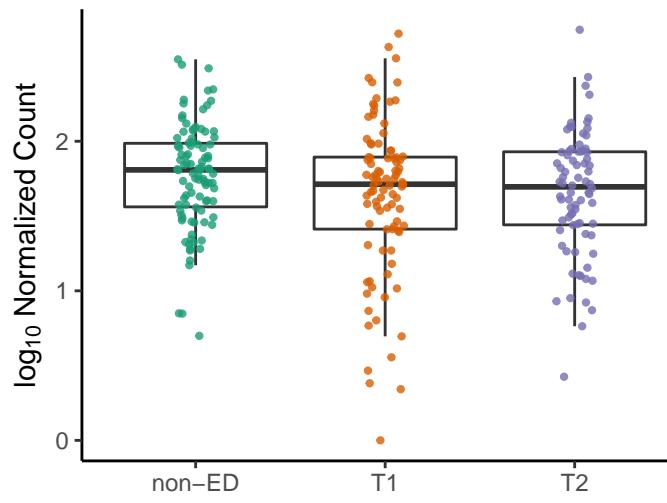
### *Neptunomonas concharum*

non-ED vs. T1 adjusted p = 0.15  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.89



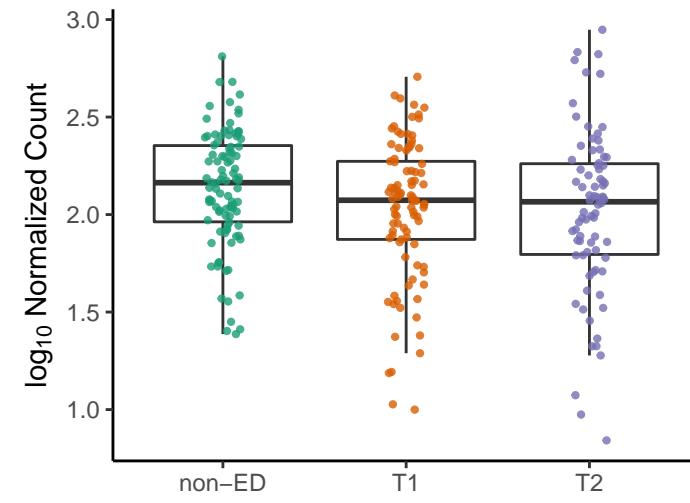
### *Asaia bogorensis*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.93



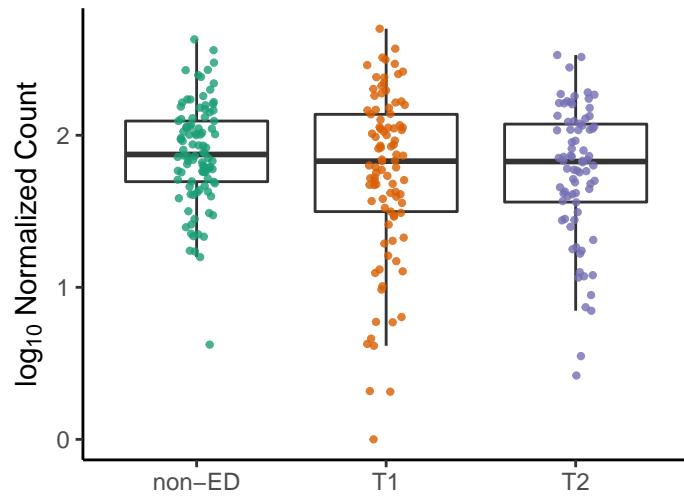
### *Rhizobium rhizoryzae*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.98



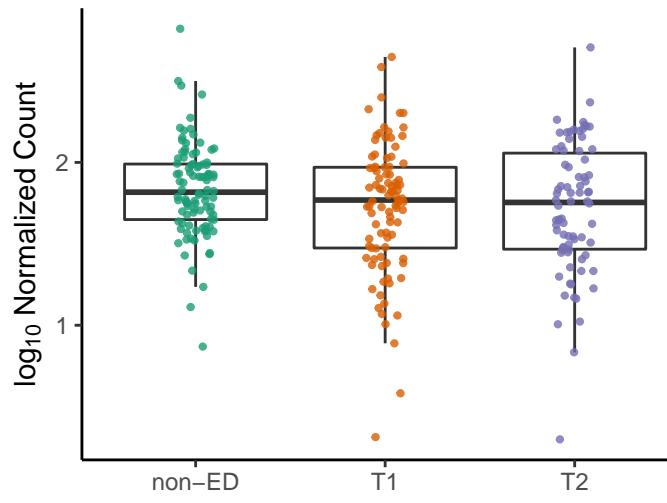
### *Nocardioides sp. HDW12A*

non-ED vs. T1 adjusted p = 0.11  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.84



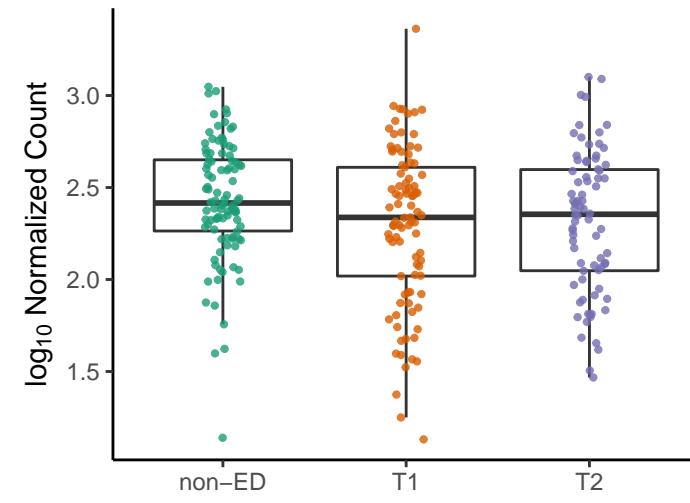
### *Rhizobium sp. WL3*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.82



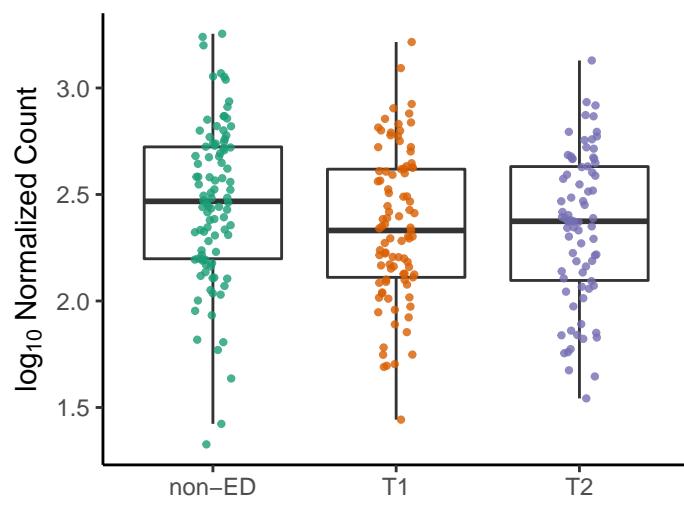
### *Stigmatella aurantiaca*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.79



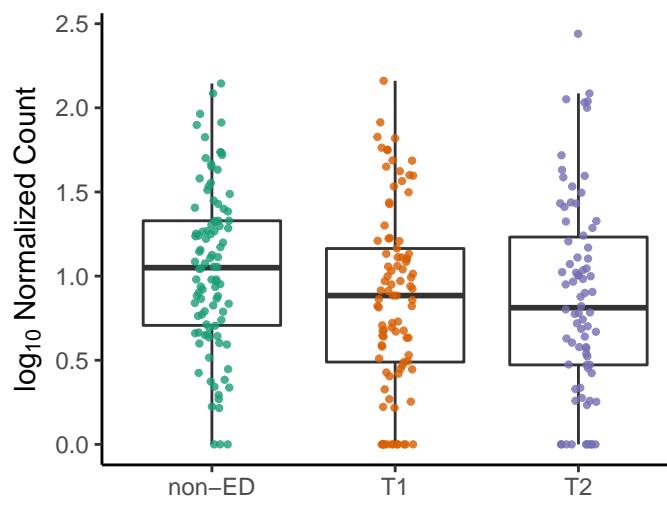
### Unclassified Negativicutes Class

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.91



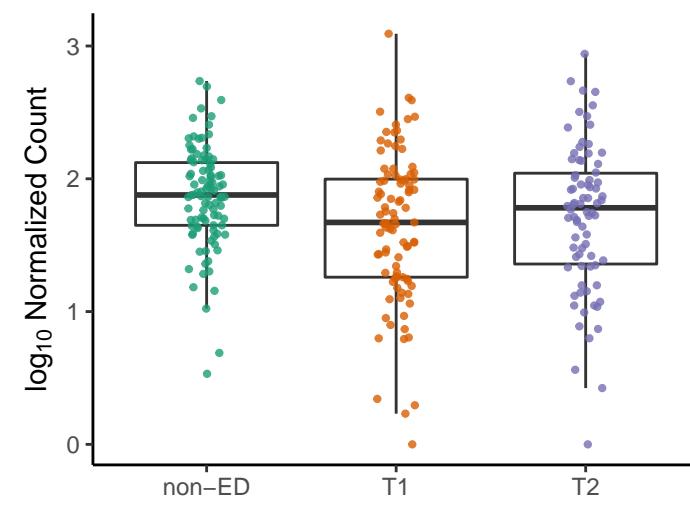
### *Candidatus Kinetoplastibacterium blast*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.98



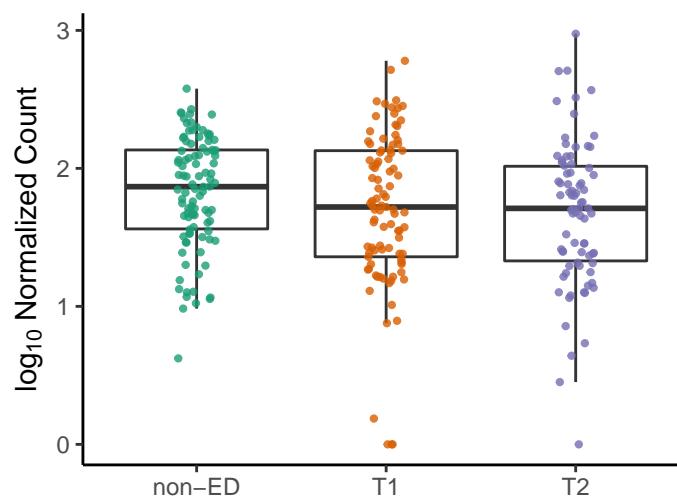
### *Cellulomonas sp. PSBB021*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.68



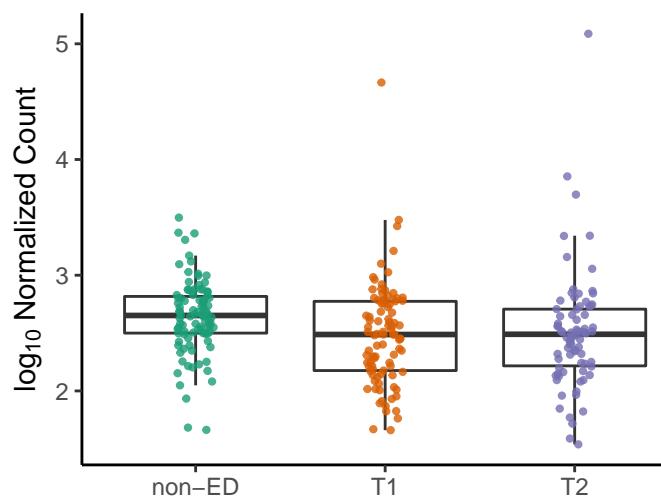
### *Sphingomonas wittichii*

non-ED vs. T1 adjusted p = 0.16  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.97



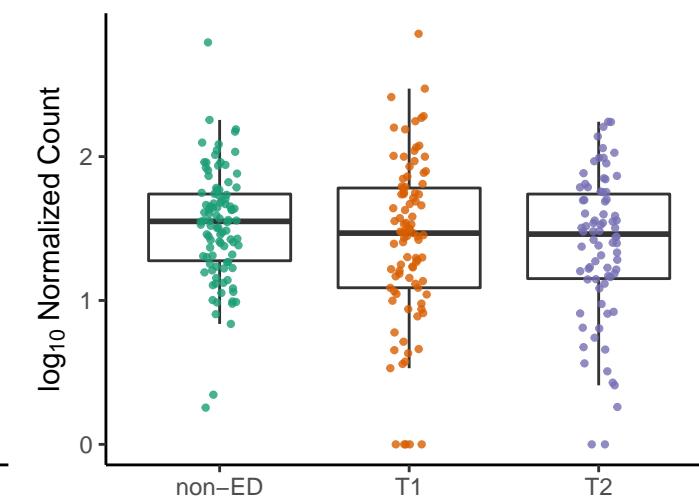
### *Atopobium parvulum*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.85



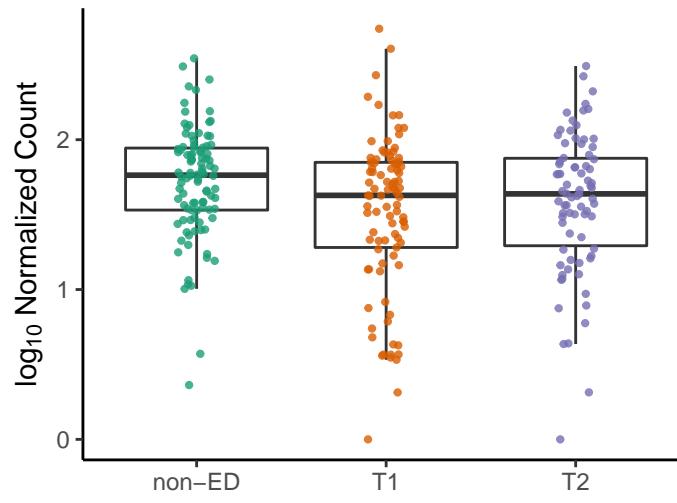
### *Xanthomonas vasicola*

non-ED vs. T1 adjusted p = 0.22  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.94



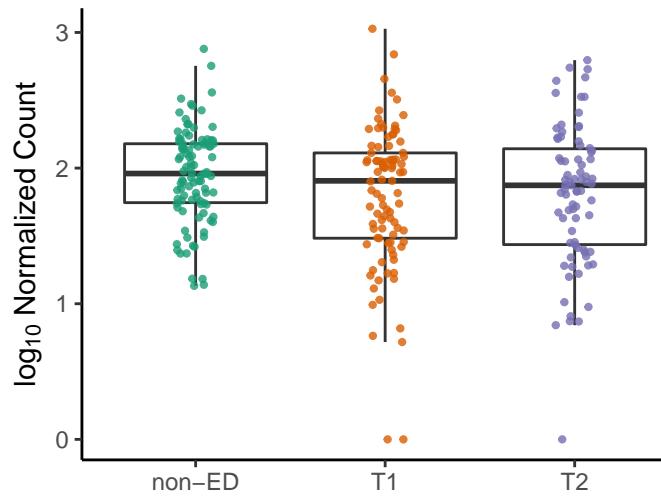
### *Spongiibacter sp. IMCC21906*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.79



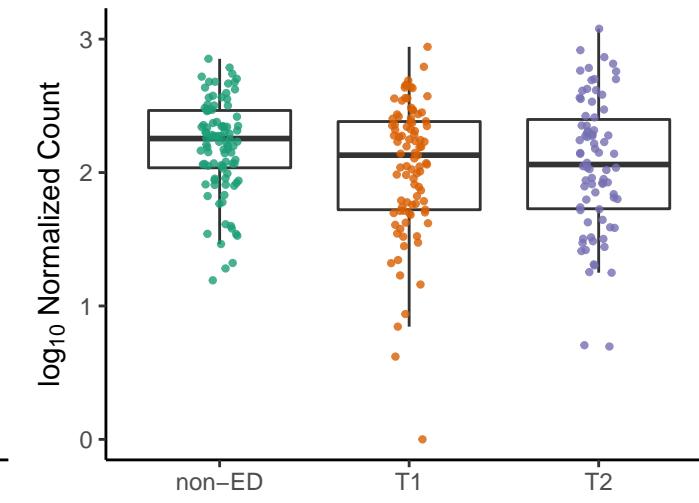
### *Georgenia sp. ZLJ0423*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.77



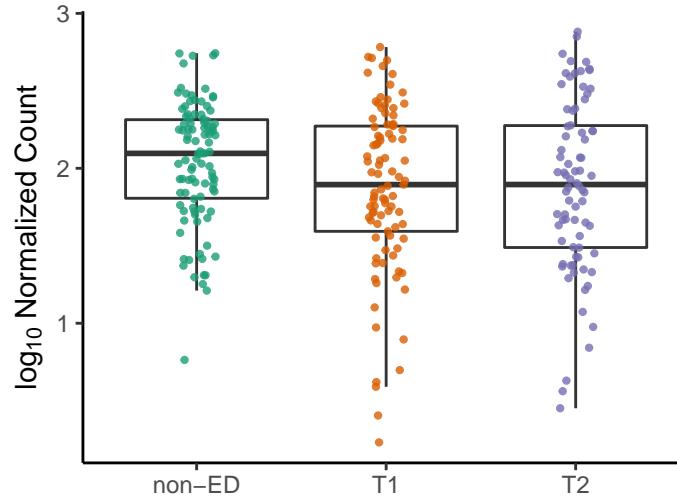
### *Methylobacterium nodulans*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.77



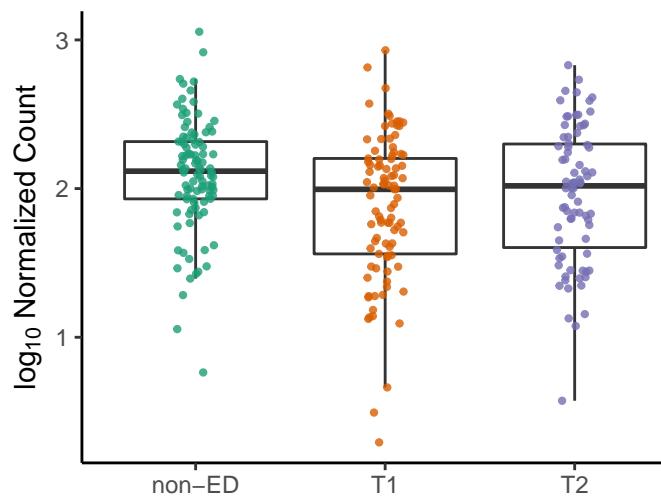
### *Streptomyces subrutilus*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.91



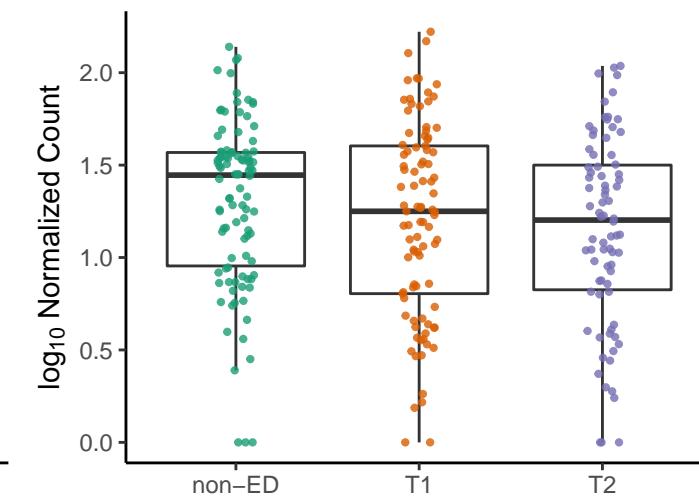
### Unclassified Caulobacter Genus

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.57



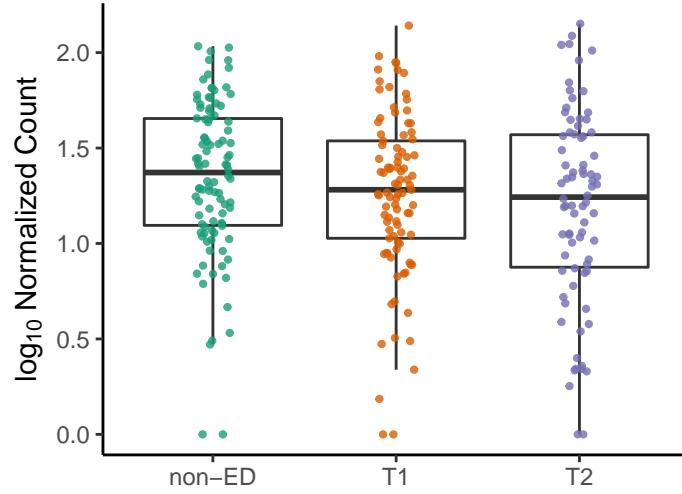
### *Helicobacter felis*

non-ED vs. T1 adjusted p = 0.31  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.74



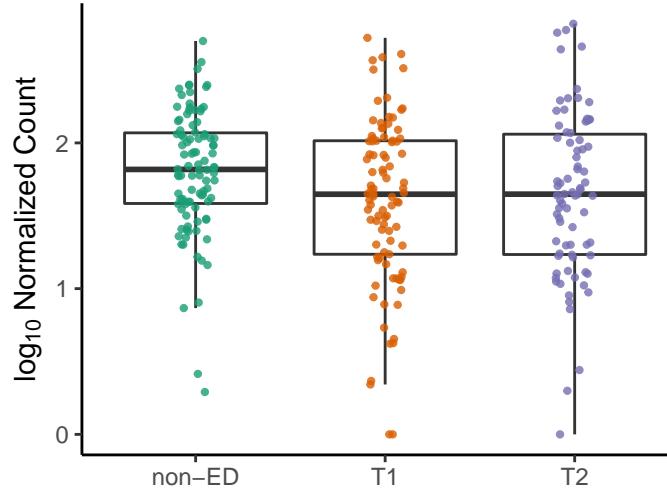
### Dokdonia sp. 4H-3-7-5

non-ED vs. T1 adjusted p = 0.27  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.69



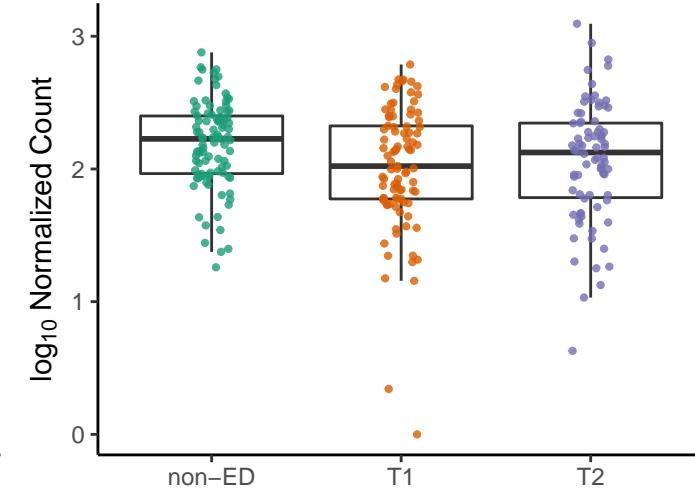
### Agrococcus sp. SGAir0287

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.73



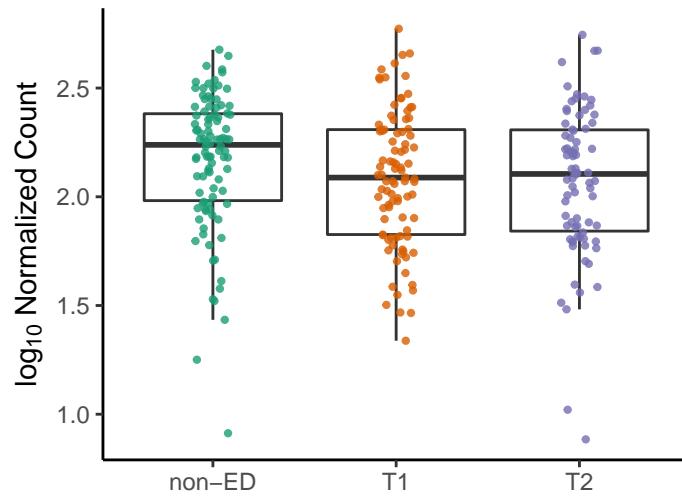
### Amycolatopsis sp. AA4

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.76



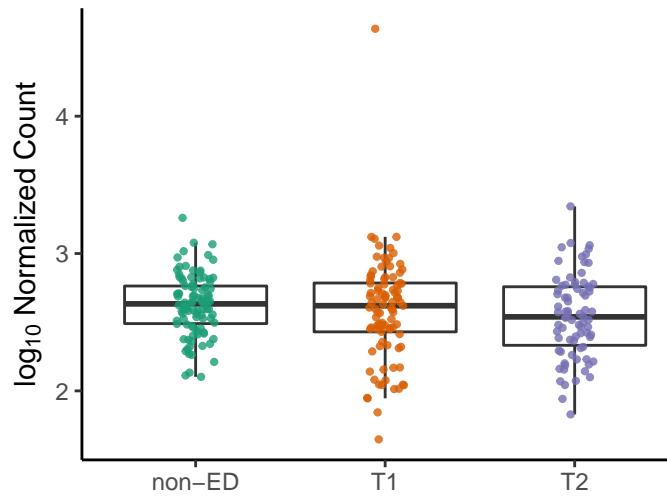
### Thermoanaerobacterium aotearoense

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.98



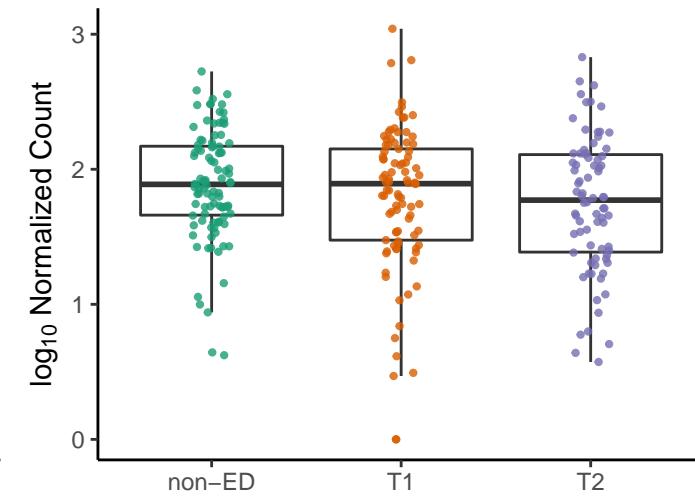
### Serratia marcescens

non-ED vs. T1 adjusted p = 0.52  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 1



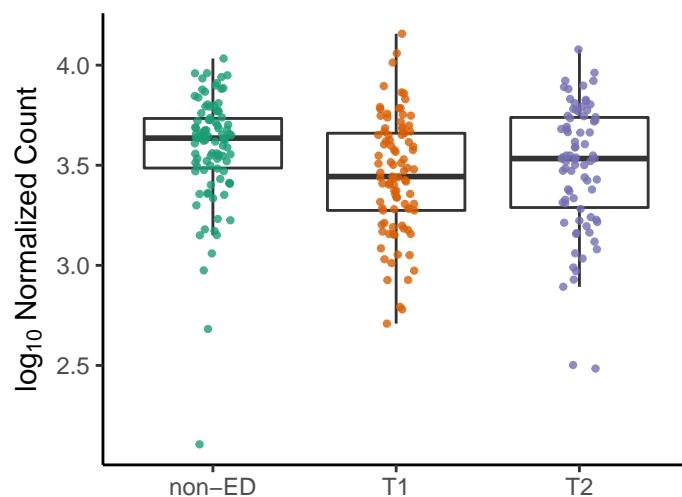
### Streptomyces sp. JB150

non-ED vs. T1 adjusted p = 0.24  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.96



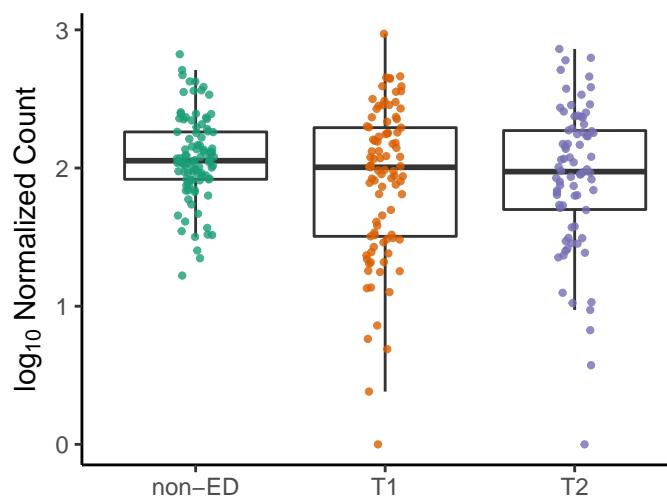
### Pseudobutyrivibrio xylanivorans

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.78



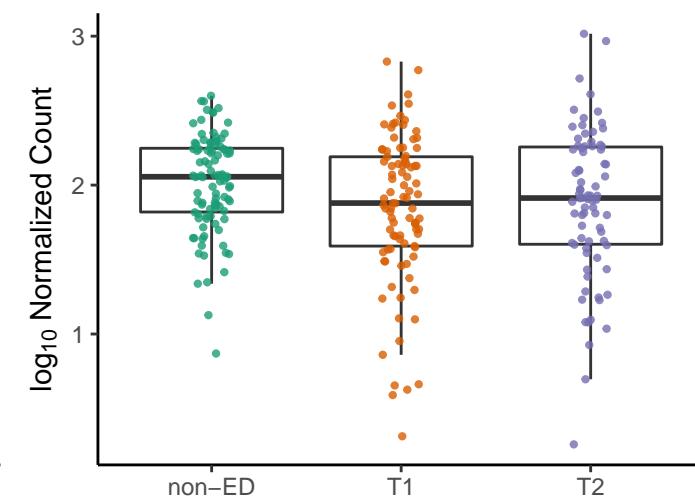
### Thiomonas sp. X19

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.78



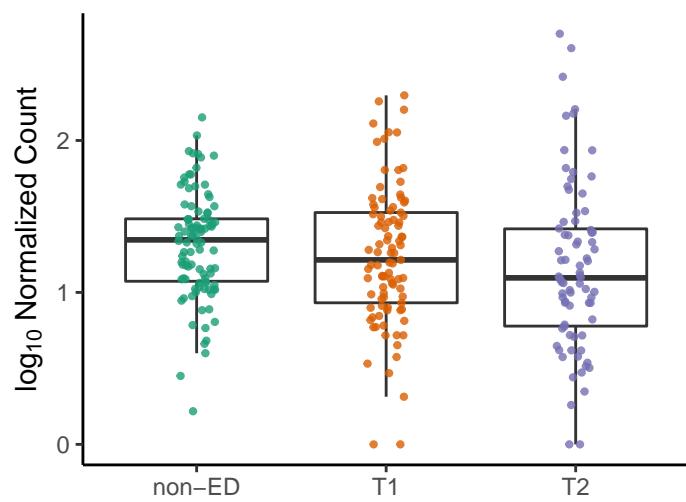
### Cellulomonas sp. JZ18

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.79



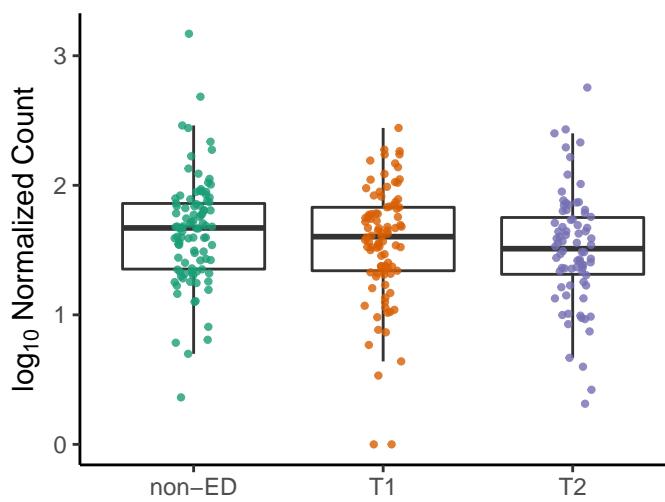
### *Halostagnicola larsenii*

non-ED vs. T1 adjusted p = 0.35  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.77



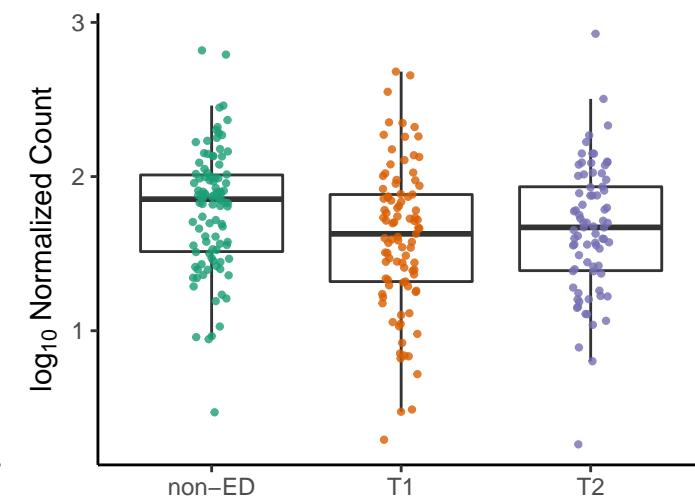
### *Pseudomonas sp. HLS-6*

non-ED vs. T1 adjusted p = 0.26  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.86



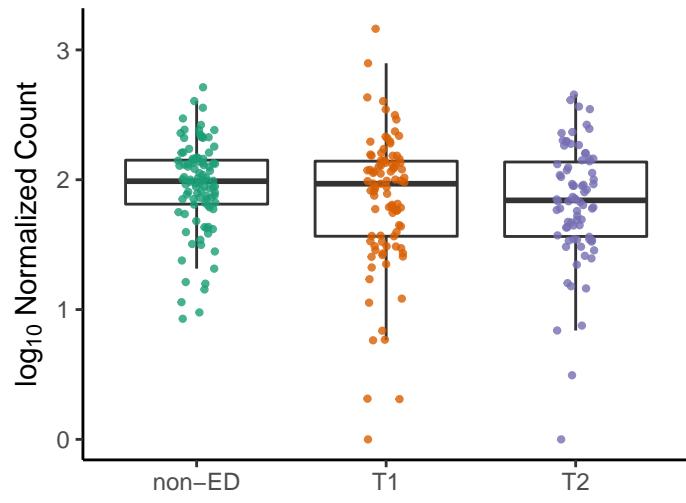
### Unclassified Helicobacter Genus

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.63



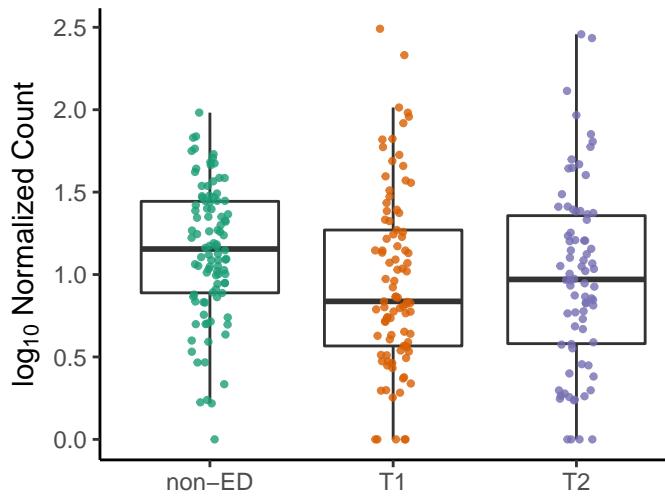
### *Aromatoleum aromaticum*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.98



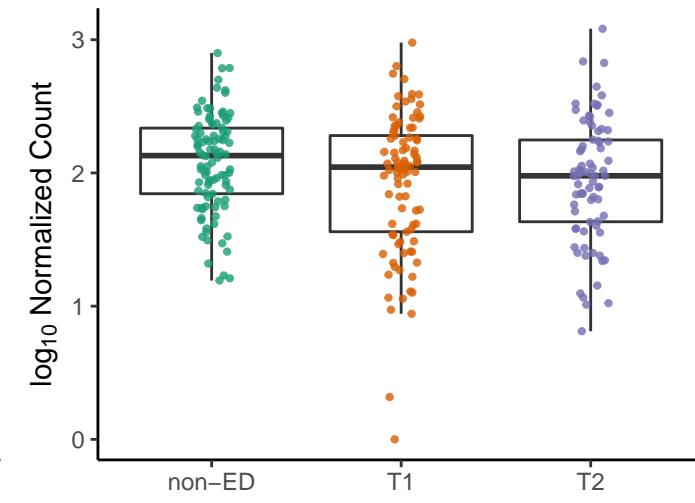
### *Stygiolobus azoricus*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.98



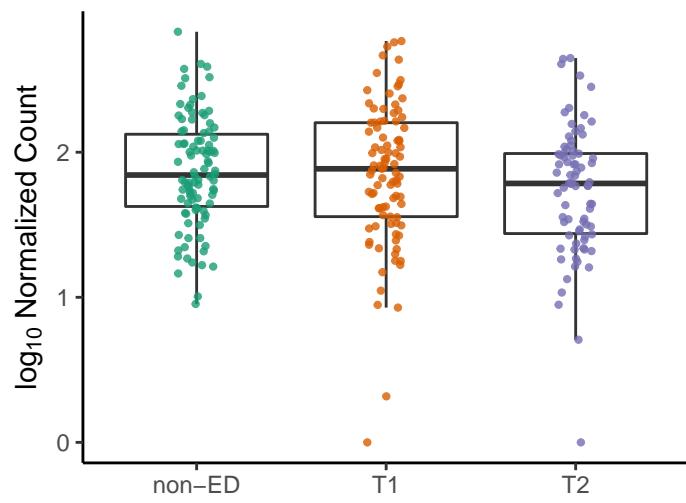
### Unclassified Leifsonia Genus

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.77



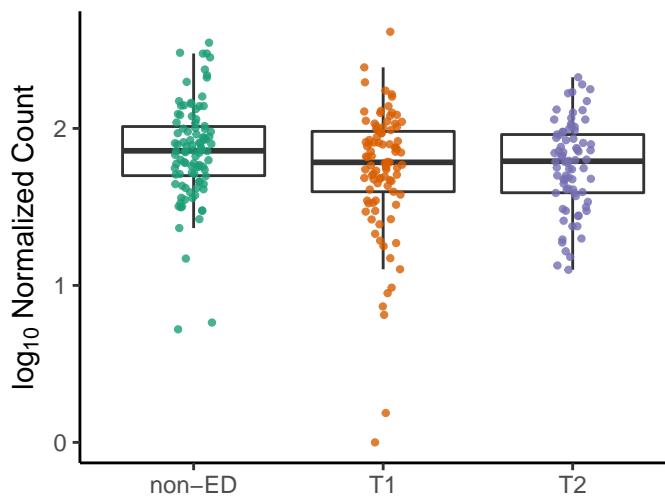
### *Azotobacter chroococcum*

non-ED vs. T1 adjusted p = 0.84  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.7



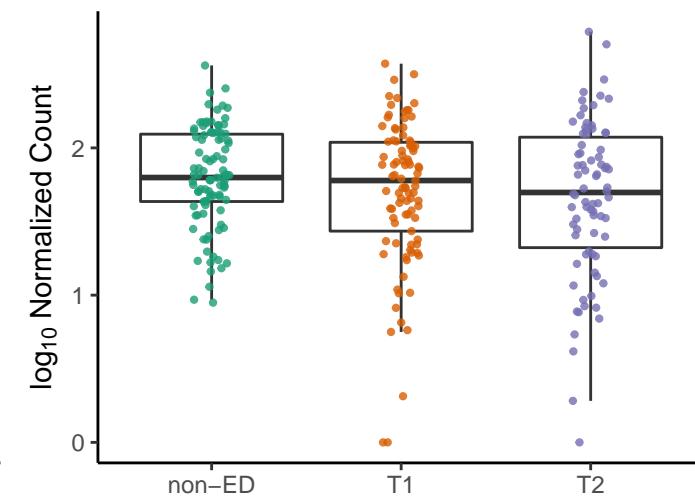
### *Grimontia hollisae*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.74



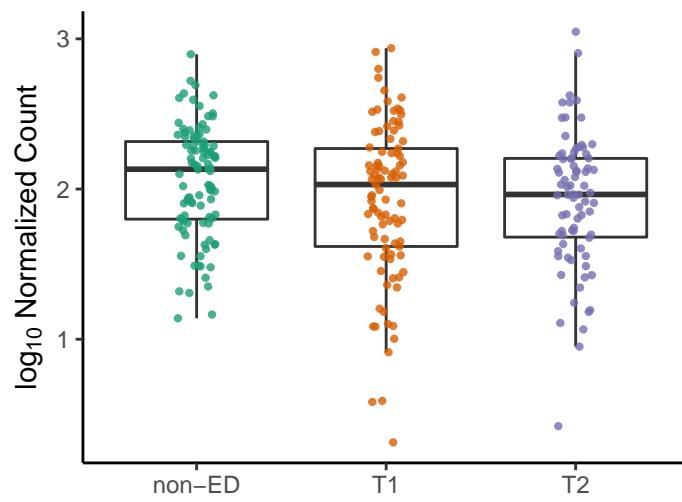
### *Microbacterium sp. ABRD\_28*

non-ED vs. T1 adjusted p = 0.2  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.94



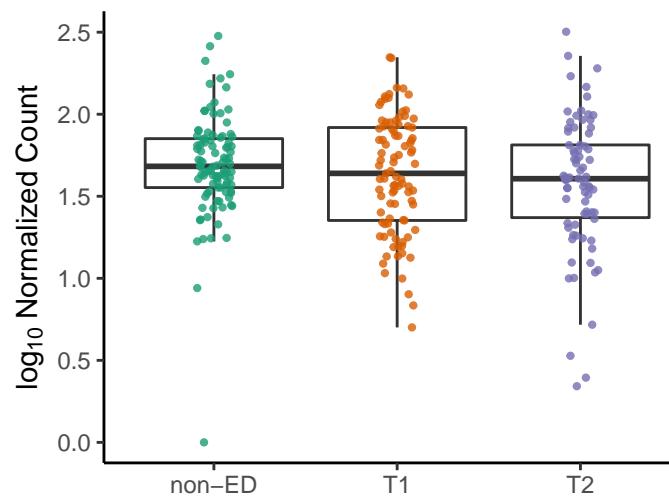
### Rubrobacter sp. SCSIO 52915

non-ED vs. T1 adjusted p = 0.13  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.89



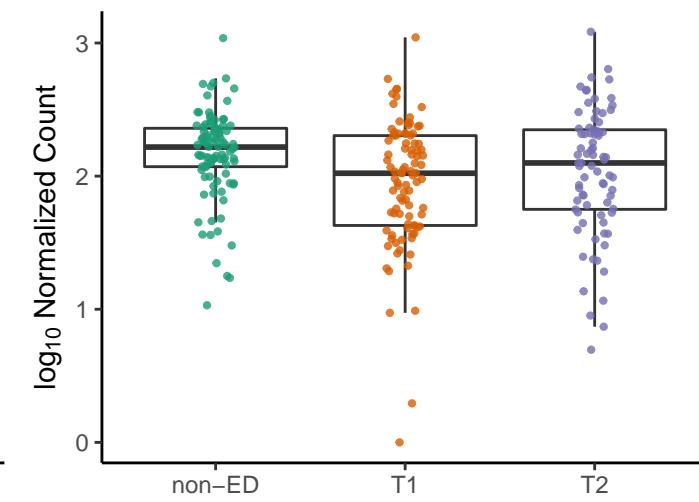
### Vibrio taketomensis

non-ED vs. T1 adjusted p = 0.32  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.93



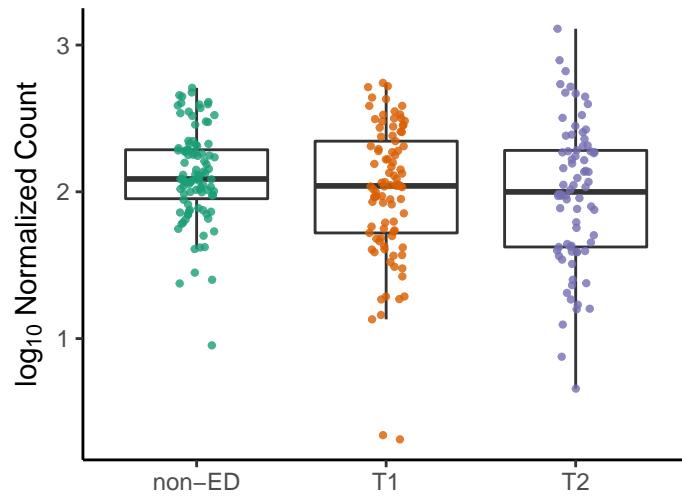
### Hylemonella gracilis

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.56



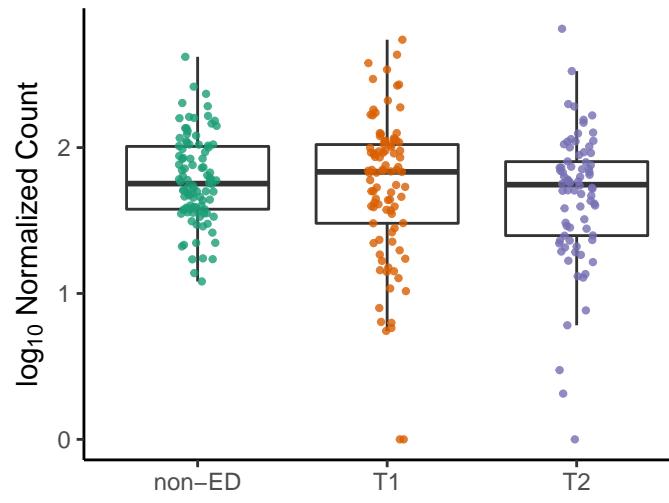
### Methanomassiliicoccaceae archaeon DC

non-ED vs. T1 adjusted p = 0.12  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.98



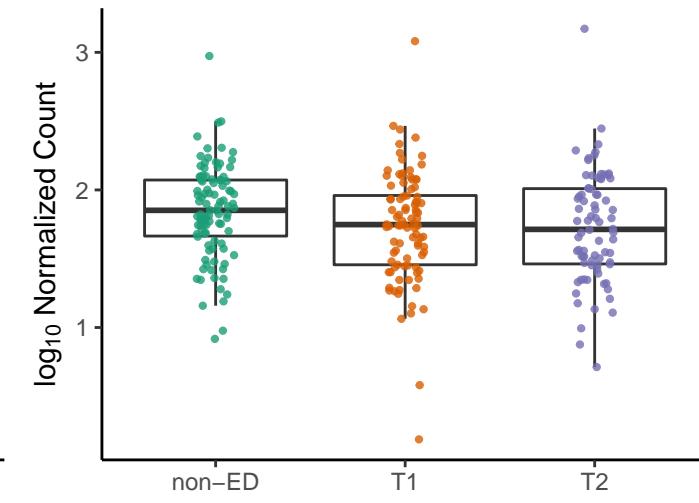
### Brevibacterium sandarakinum

non-ED vs. T1 adjusted p = 0.45  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.79



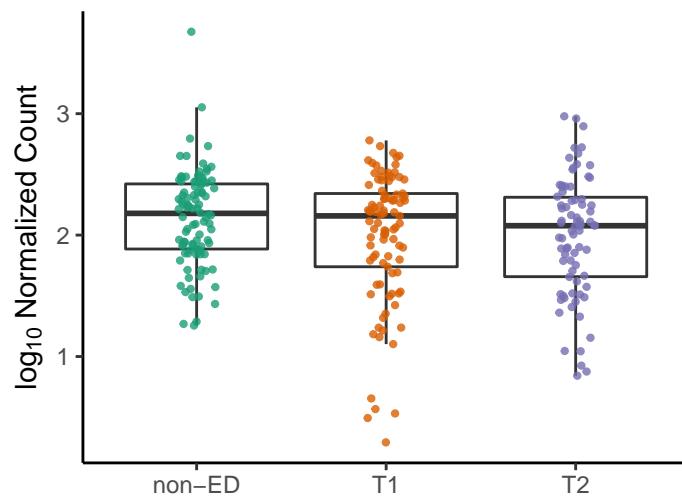
### Neisseria animaloris

non-ED vs. T1 adjusted p = 0.11  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.89



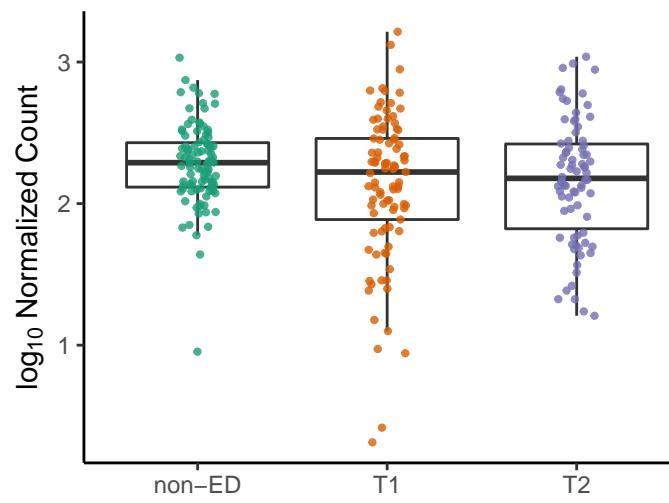
### Streptomyces olivoreticuli

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.95



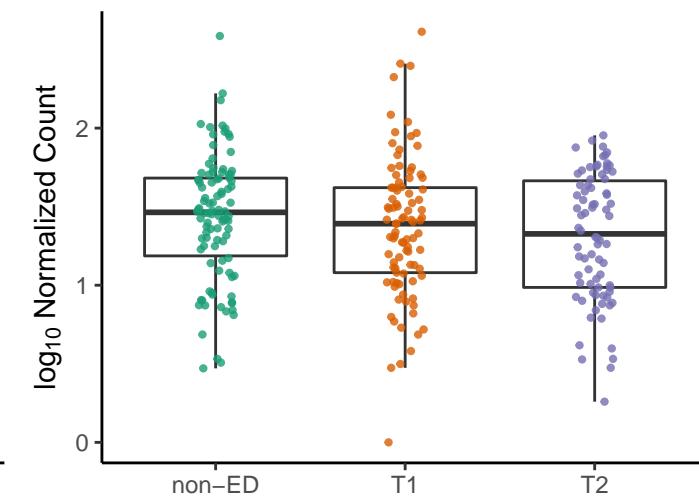
### Streptosporangium sp. caverna

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.73



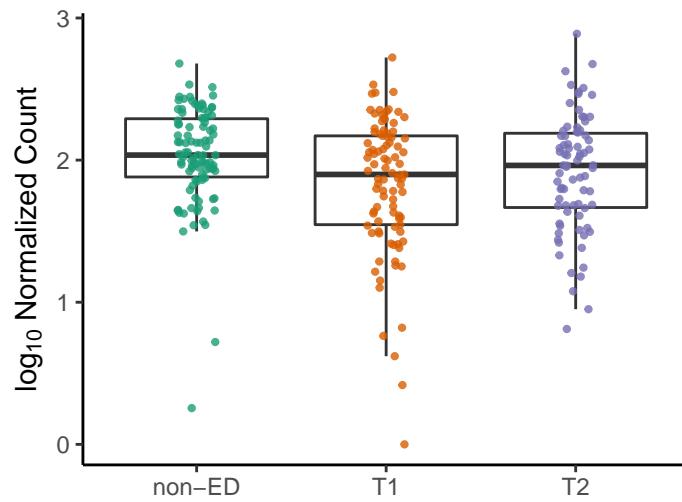
### Yersinia aldovae

non-ED vs. T1 adjusted p = 0.44  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.95



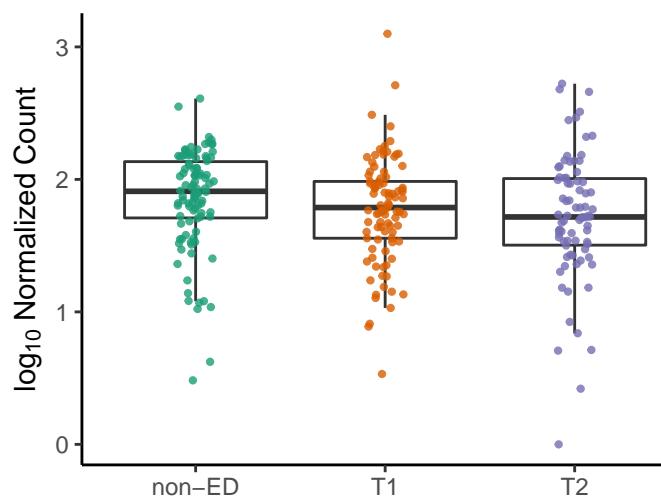
### *Roseitalea porphyridii*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.64



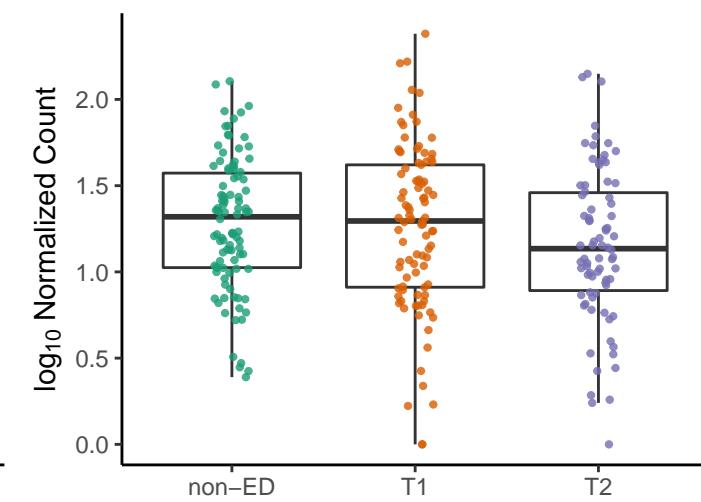
### *Kushneria konosiri*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.84



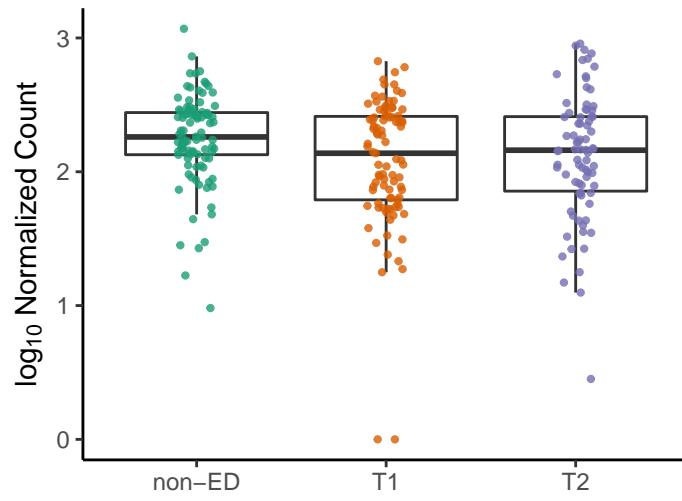
### *Raphidiopsis curvata*

non-ED vs. T1 adjusted p = 0.81  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.62



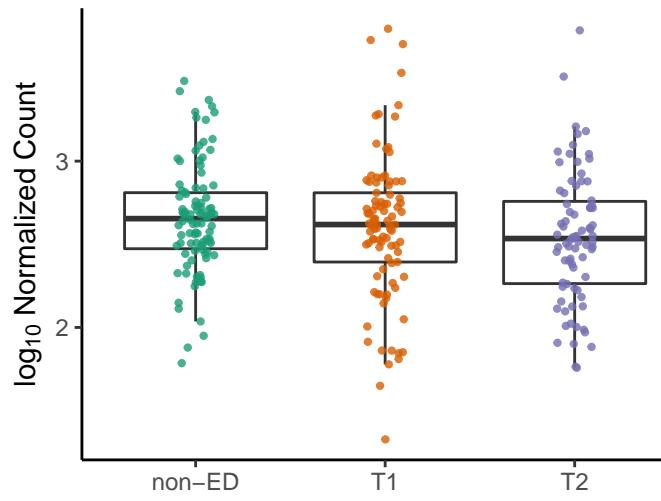
### *Massilia flava*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.77



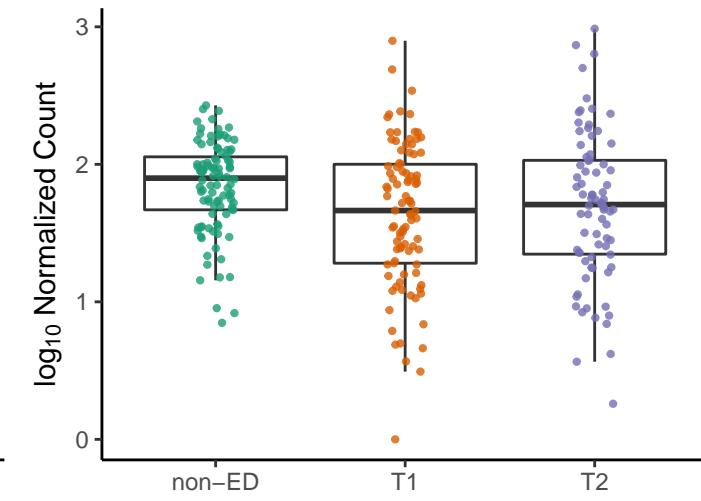
### *Trueperella pyogenes*

non-ED vs. T1 adjusted p = 0.48  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.95



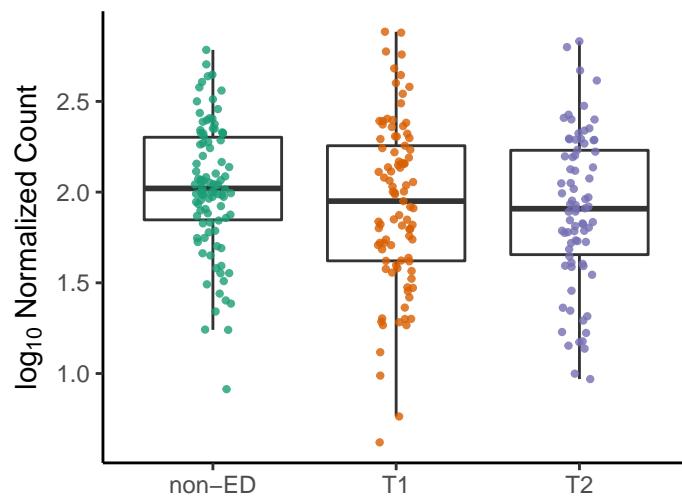
### Unclassified Chromobacteriaceae Family

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.76



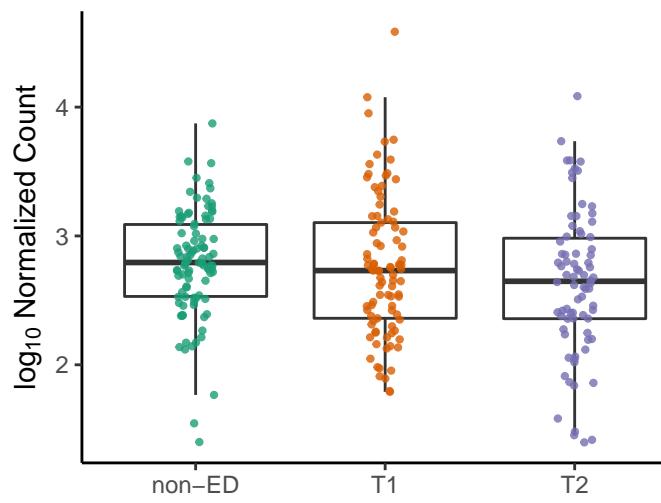
### *Streptomyces* sp. P3

non-ED vs. T1 adjusted p = 0.21  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.99



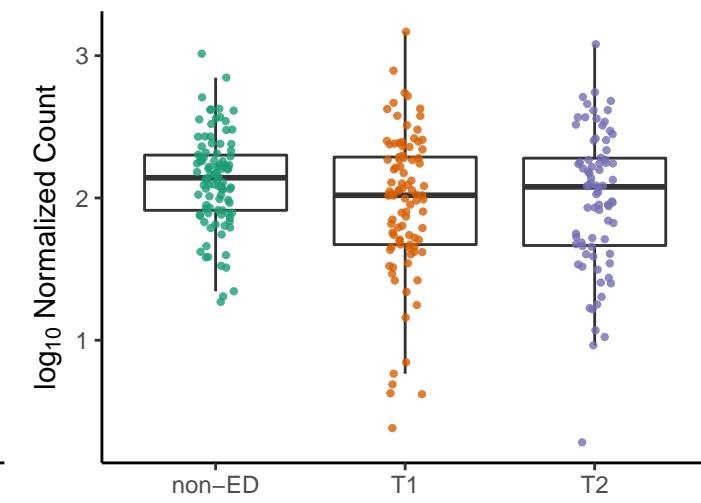
### *Streptococcus oralis*

non-ED vs. T1 adjusted p = 0.76  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.65



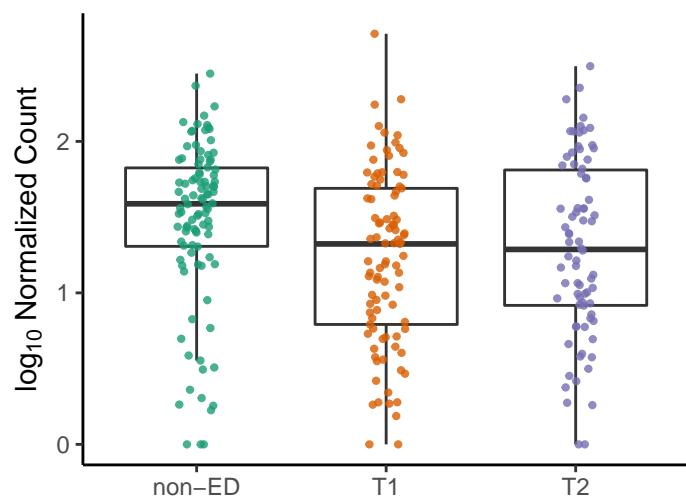
### *Pandorea pnomenusa*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.75



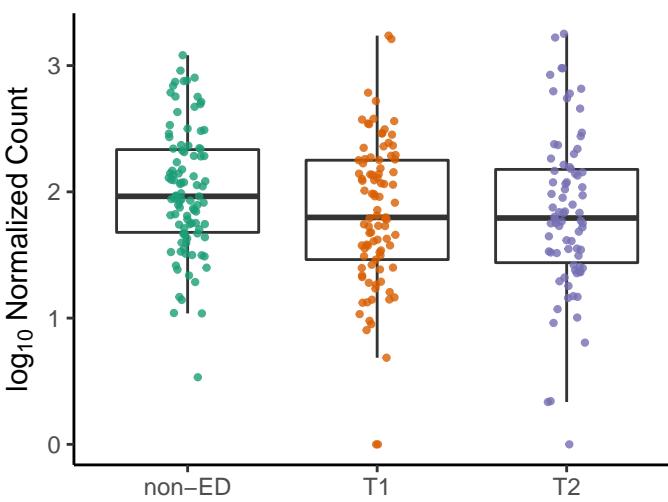
### *Pseudomonas* sp. PONIH3

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.76



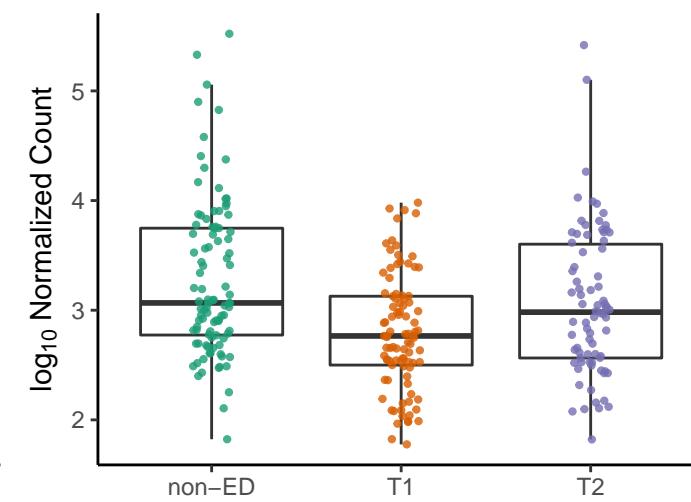
### *Polynucleobacter paneuropaeus*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 1



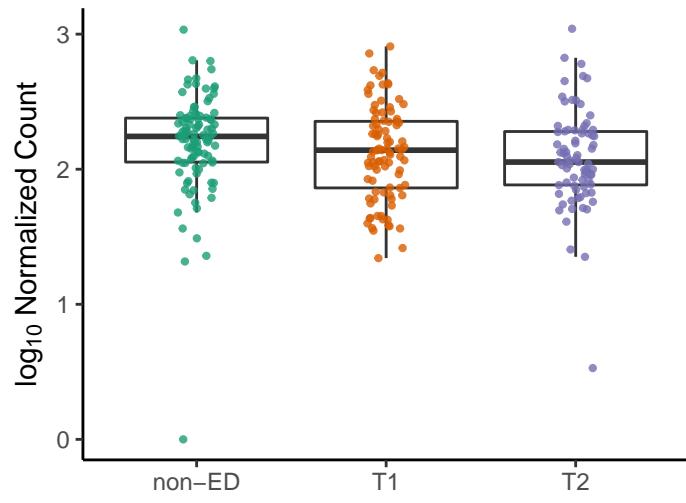
### Unclassified Dialister Genus

non-ED vs. T1 adjusted p = 5e-05  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.086



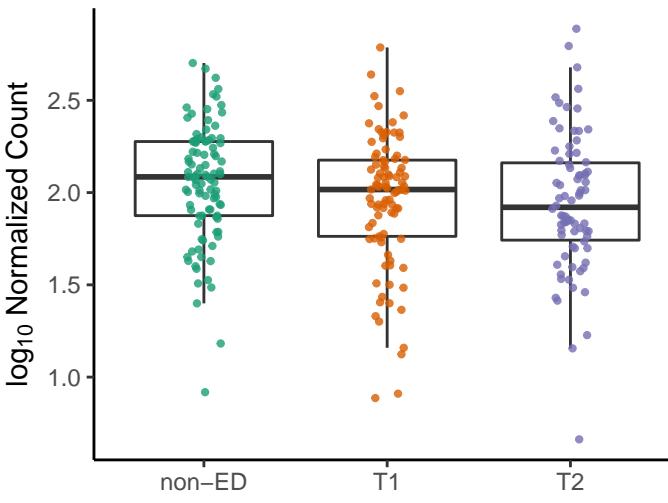
### *Bacillus simplex*

non-ED vs. T1 adjusted p = 0.25  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.9



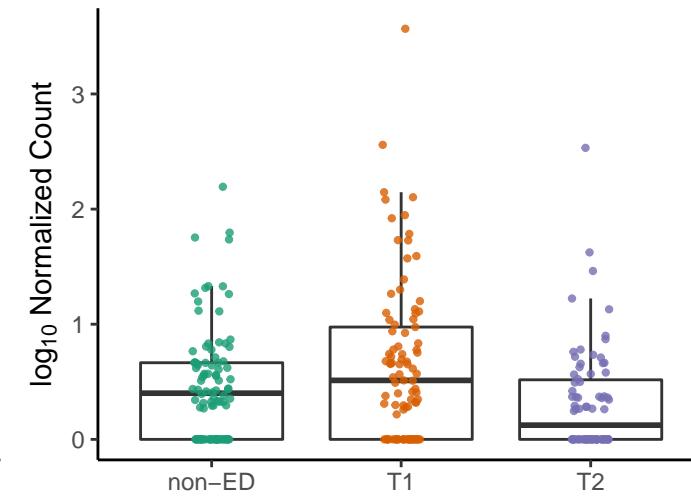
### *Spirosoma* sp. KCTC 42546

non-ED vs. T1 adjusted p = 0.13  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.94



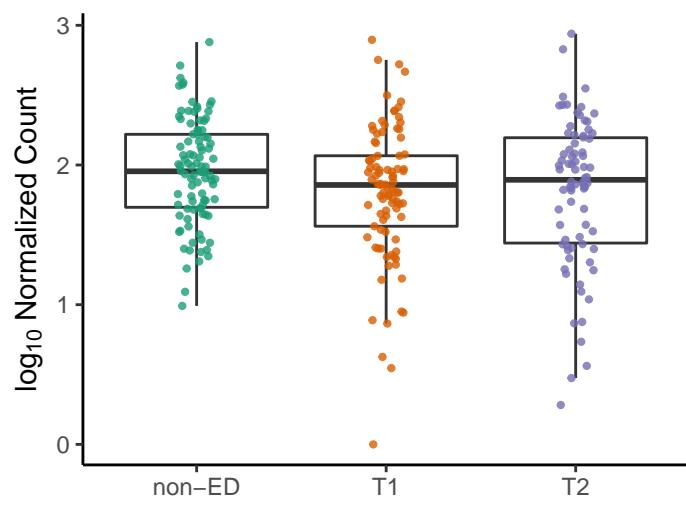
### *Citrobacter freundii* complex sp. CFNIH9

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.015



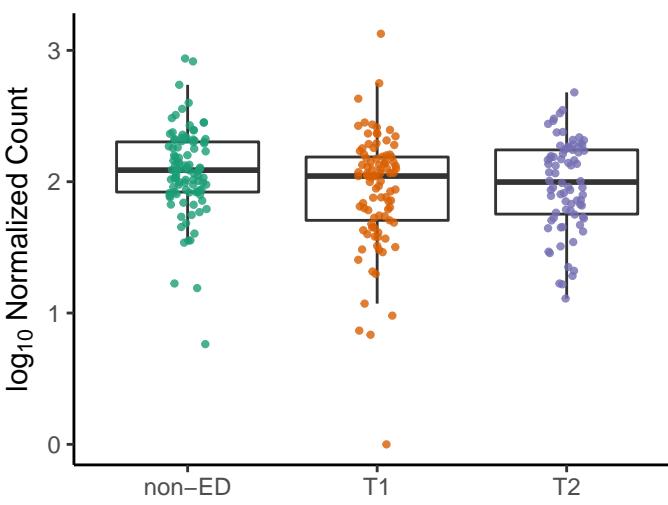
### *Micromonospora zamorensis*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.83



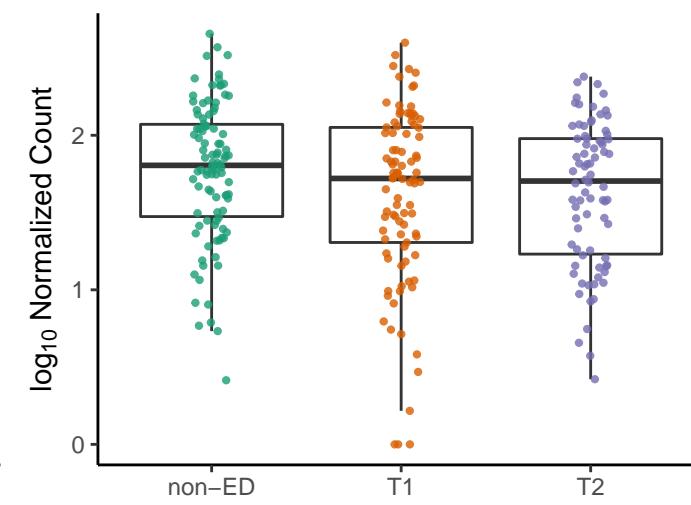
### *Pseudomonas parafulva*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.7



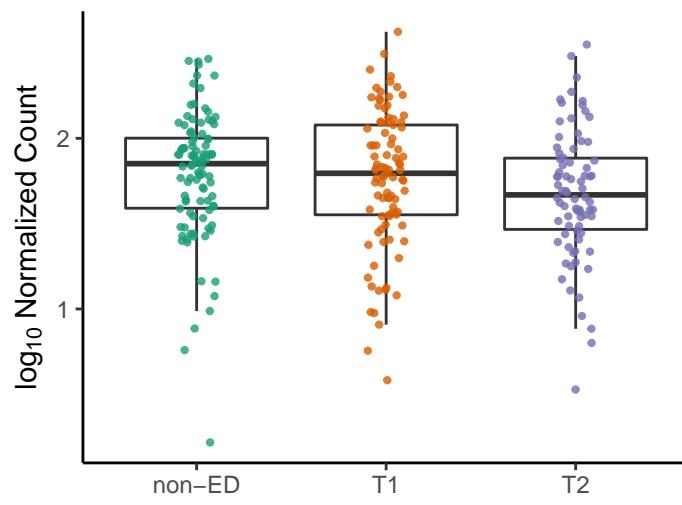
### *Agrococcus carbonis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.9



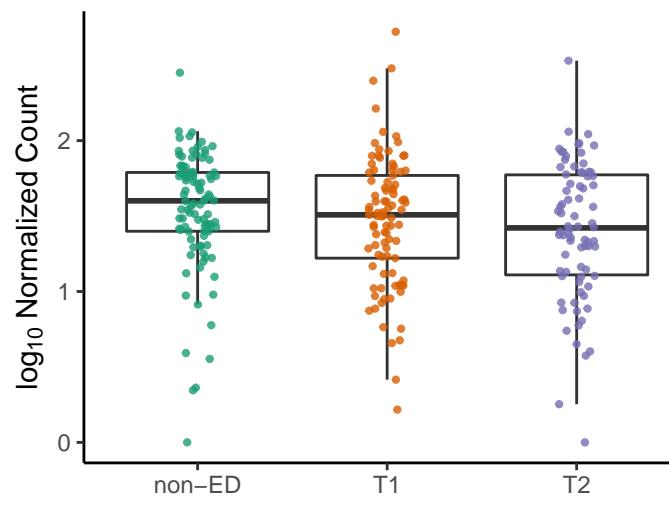
### *Sphingobacterium mizutaii*

non-ED vs. T1 adjusted  $p = 0.73$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.63$



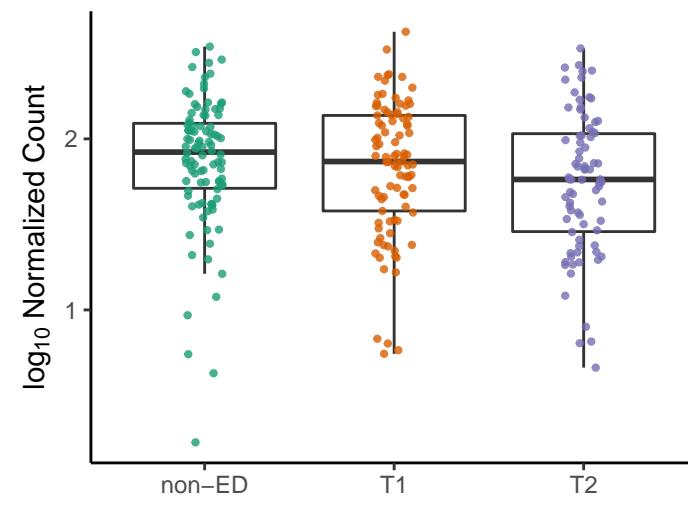
### *Acinetobacter johnsonii*

non-ED vs. T1 adjusted  $p = 0.4$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.67$



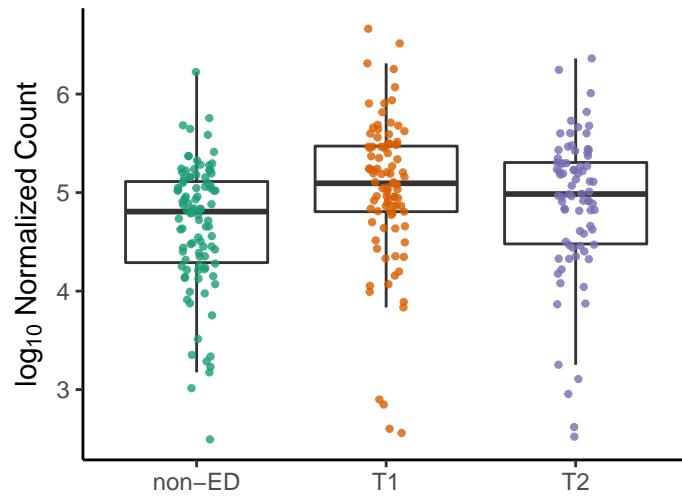
### *Chryseobacterium* sp. G0201

non-ED vs. T1 adjusted  $p = 0.64$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.63$



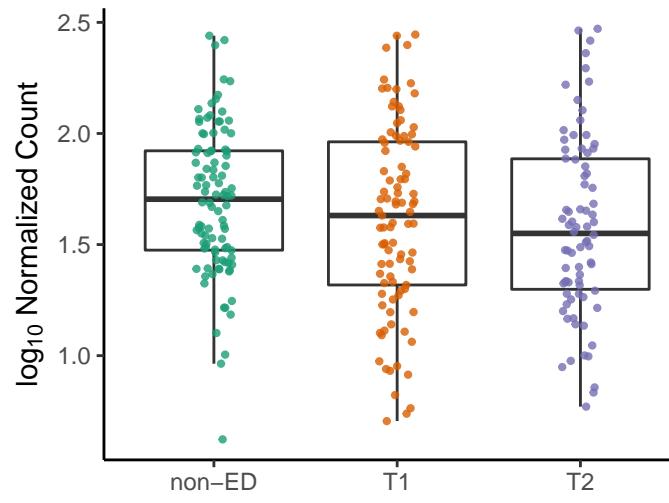
### *Bacteroides fragilis*

non-ED vs. T1 adjusted  $p = 0.0053$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.56$



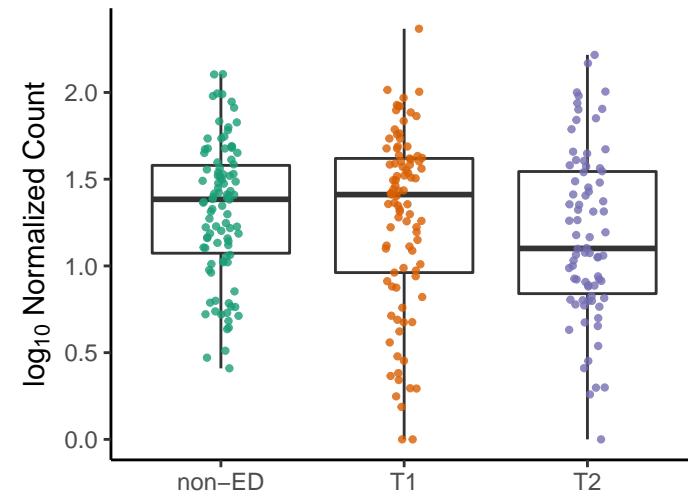
### *Streptomyces* sp. CMB-StM0423

non-ED vs. T1 adjusted  $p = 0.24$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.99$



### *Natronolimnobius aegyptiacus*

non-ED vs. T1 adjusted  $p = 0.59$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.69$



### *Legionella lansingensis*

non-ED vs. T1 adjusted  $p = 0.47$   
 non-ED vs. T2 adjusted  $p = 0.1$   
 T1 vs. T2 adjusted  $p = 0.68$

