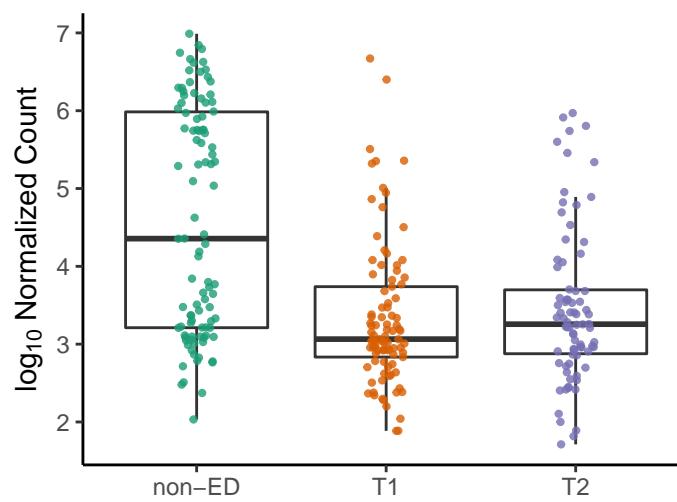


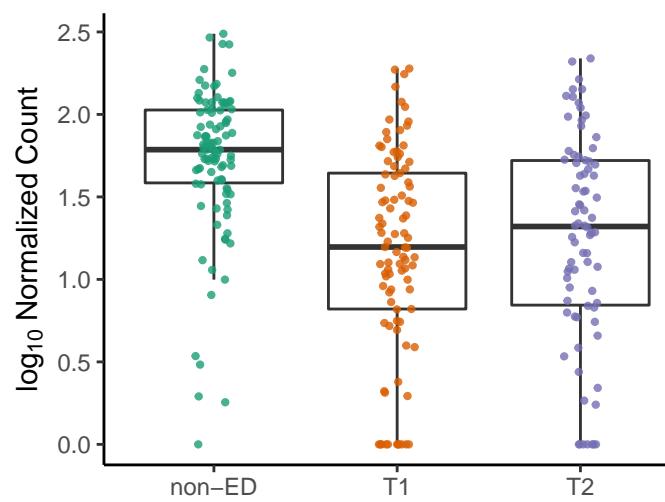
### *Bifidobacterium adolescentis*

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



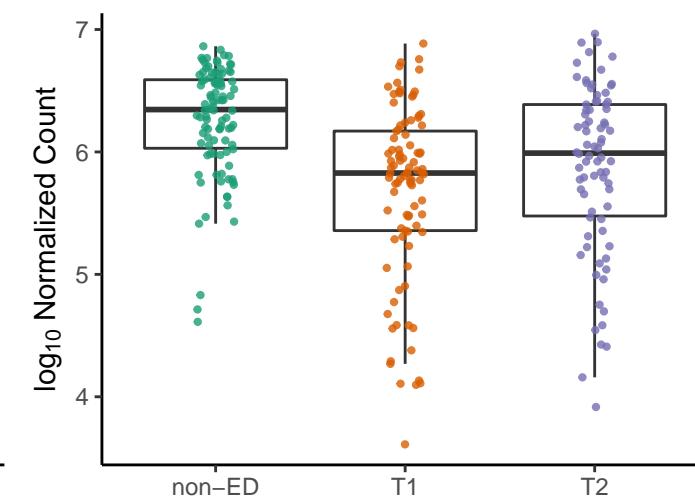
### *Blattabacterium clevelandi*

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



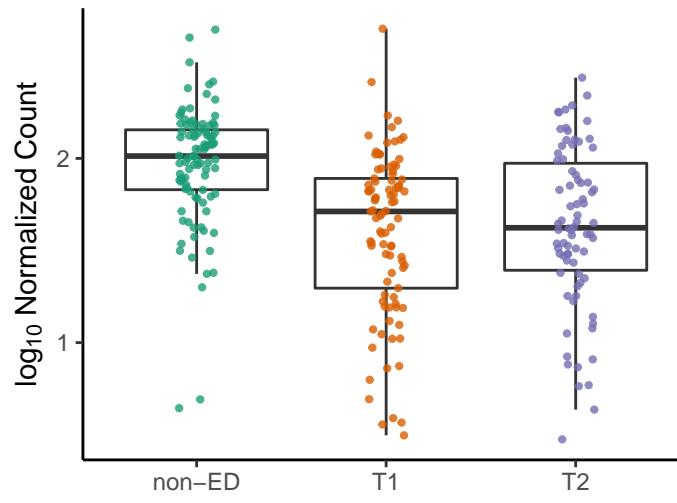
### *Faecalibacterium prausnitzii*

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



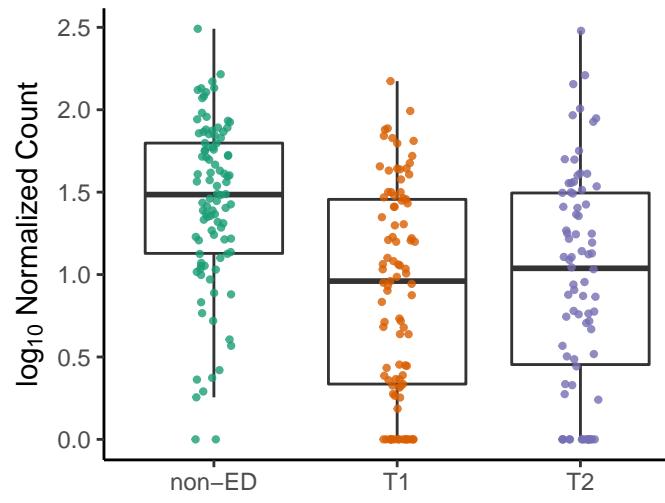
### *Candidatus Planktophila versatilis*

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



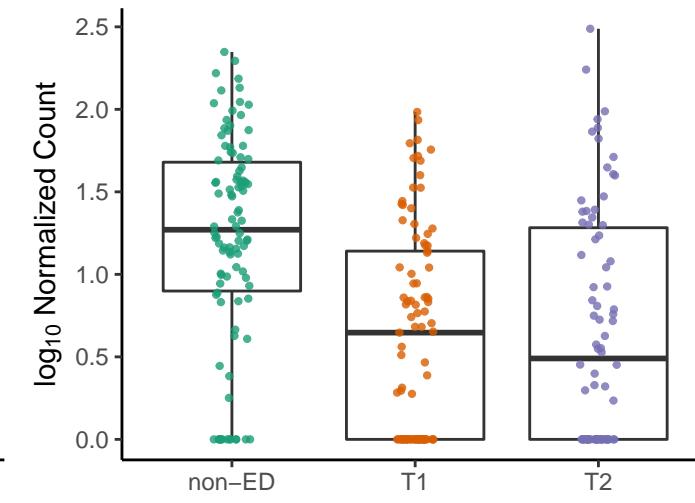
### *Pseudomonas sp. VLB120*

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



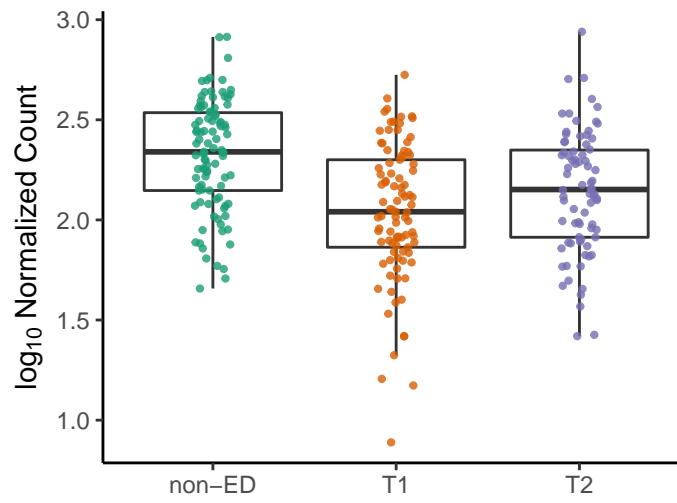
### Unclassified Xylella Genus

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



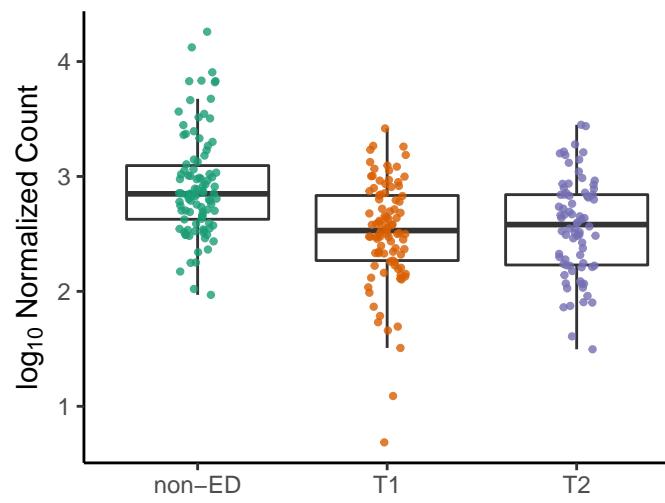
### *Brevibacterium sp. YB235*

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



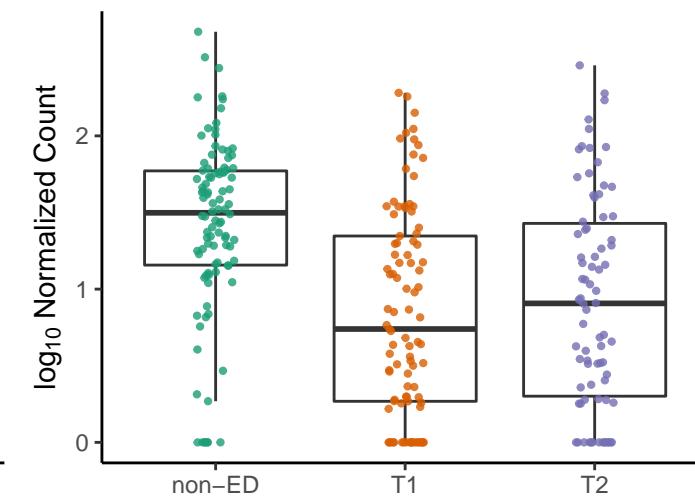
### *Bifidobacterium thermophilum*

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



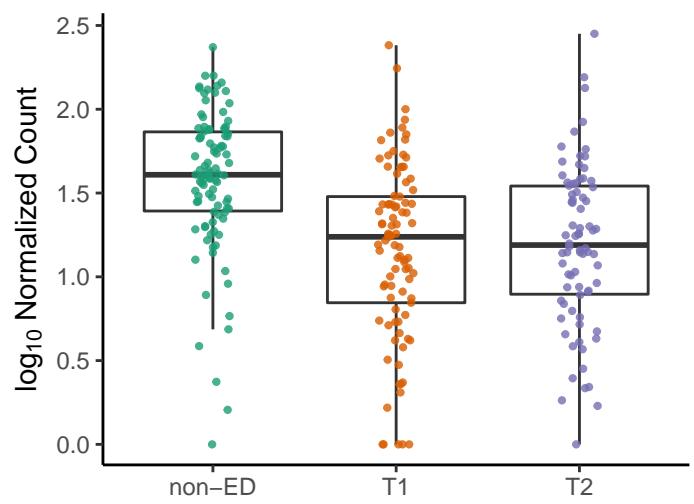
### *Burkholderia sp. MSMB1588*

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



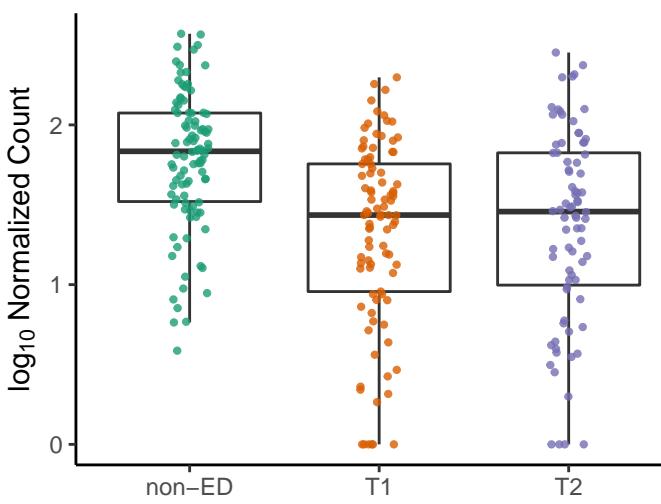
### *Candidatus Rickettsiella viridis*

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



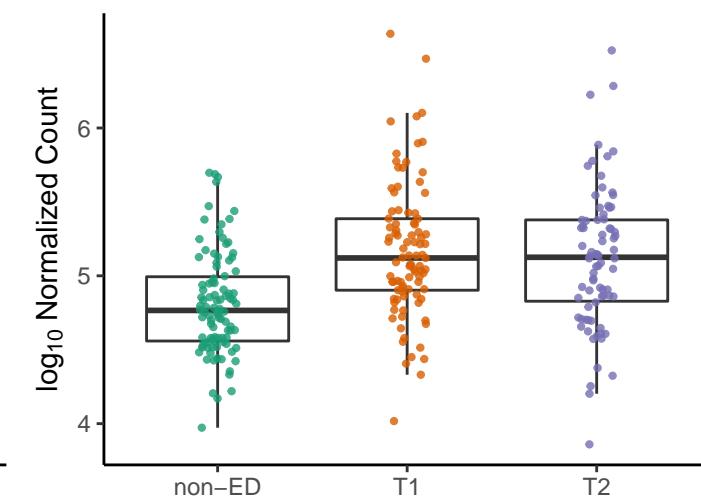
### *Sphingobium* sp. PAMC28499

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



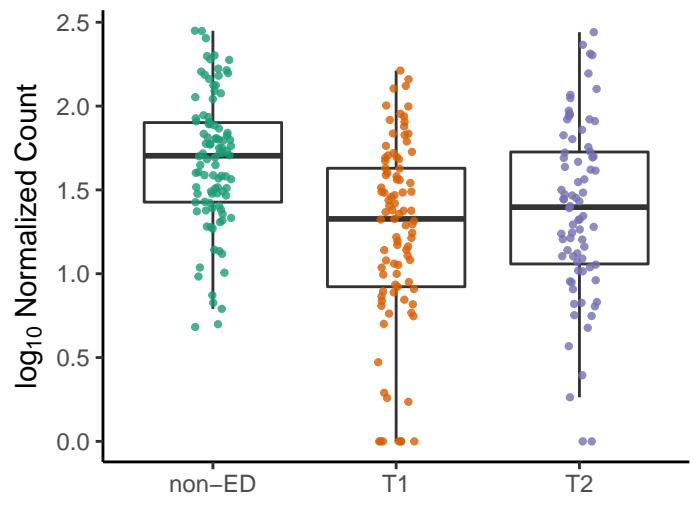
### *Flavonifractor plautii*

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



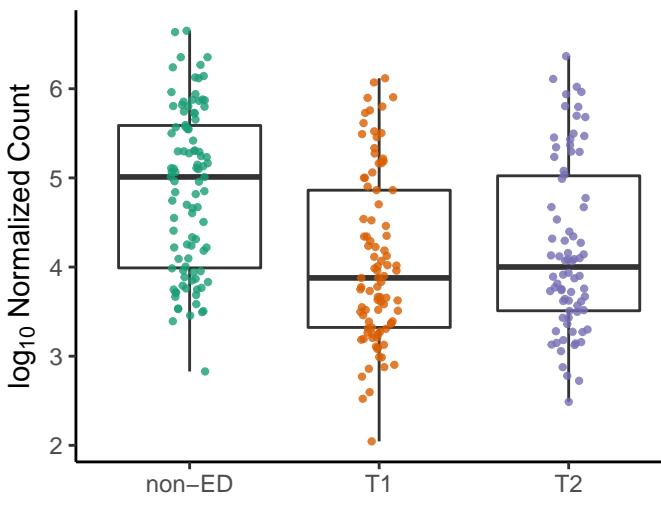
### Unclassified Saccharomycetales Order

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



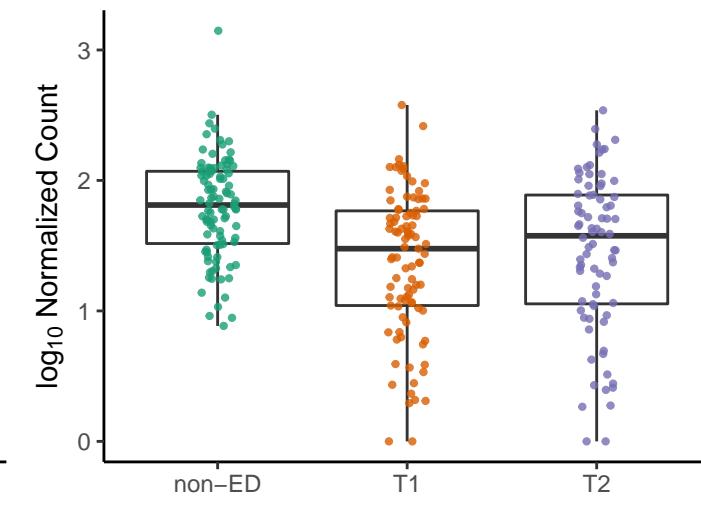
### *Ruminococcus bicirculans*

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



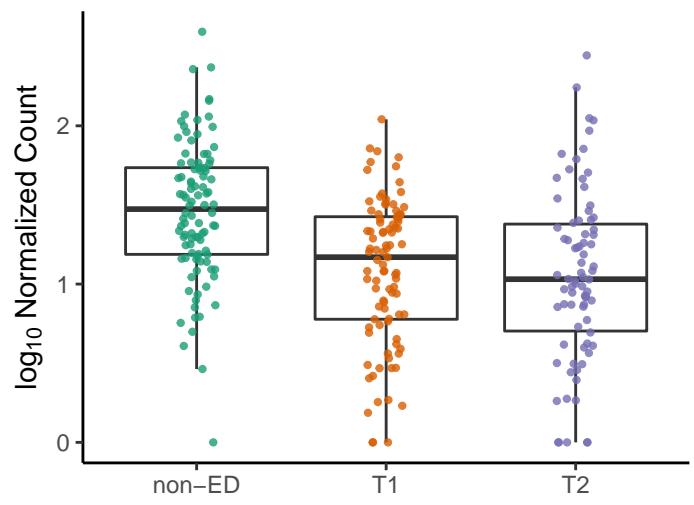
### *Bifidobacterium indicum*

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



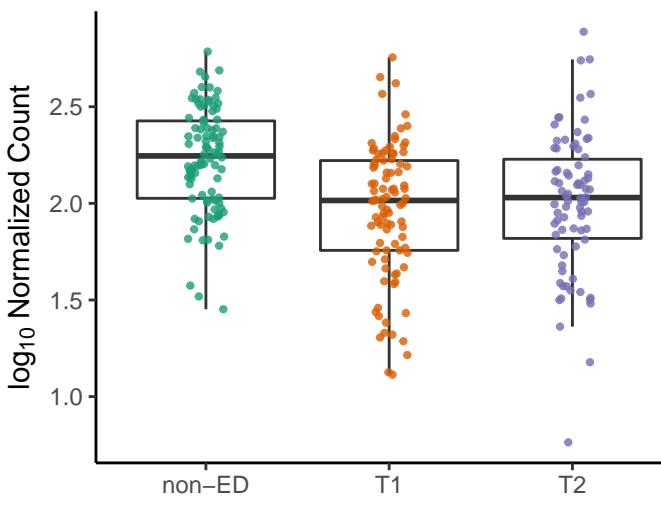
### *Aurantimicrobium minutum*

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



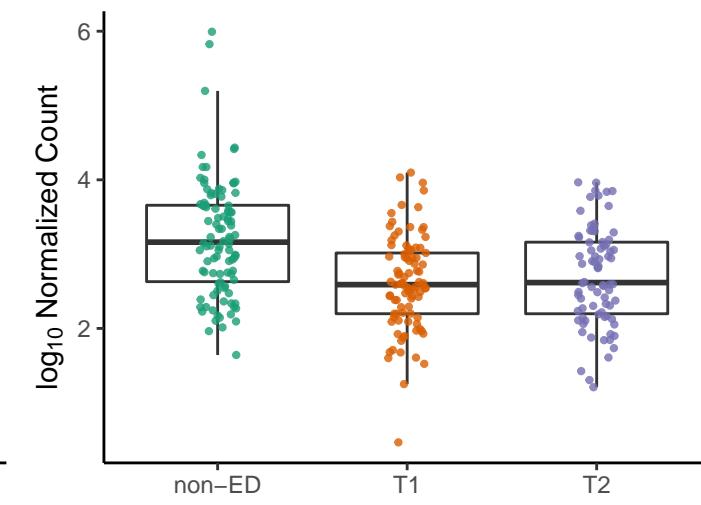
### Unclassified Psychrobacter Genus

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



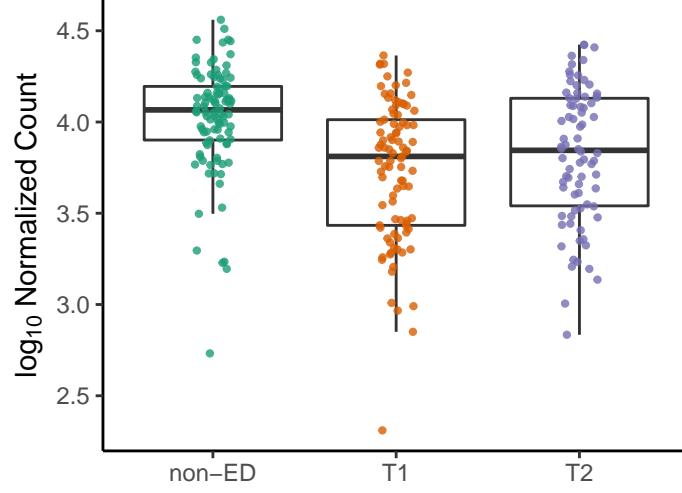
### *Bifidobacterium angulatum*

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



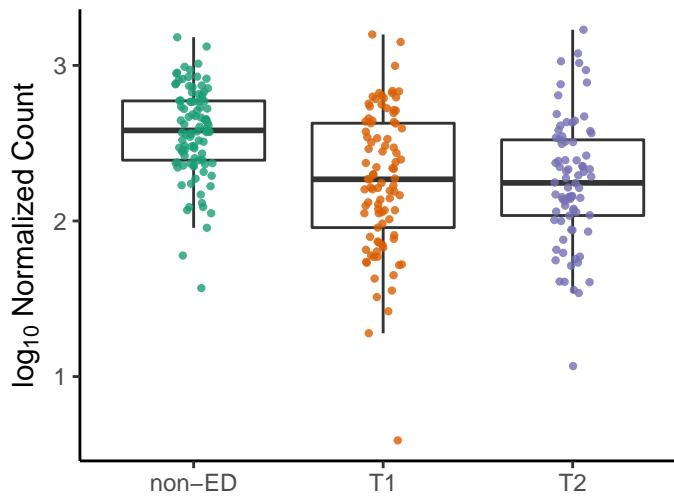
### Unclassified Ruminococcaceae Family

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



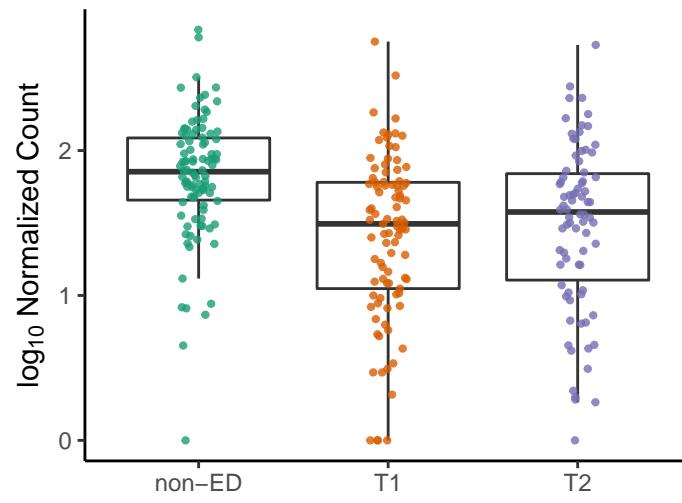
### Unclassified Candidatus Saccharibacteri

non-ED vs. T1 adjusted p = 1.2e-05  
non-ED vs. T2 adjusted p = 1.1e-05  
T1 vs. T2 adjusted p = 1



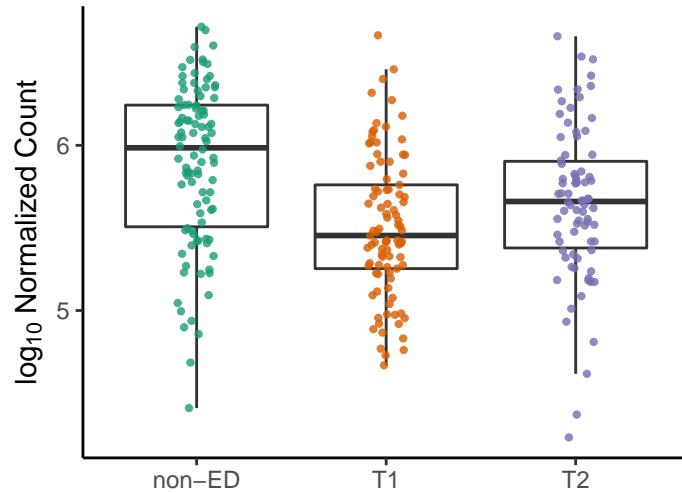
### Burkholderia sp. JP2-270

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



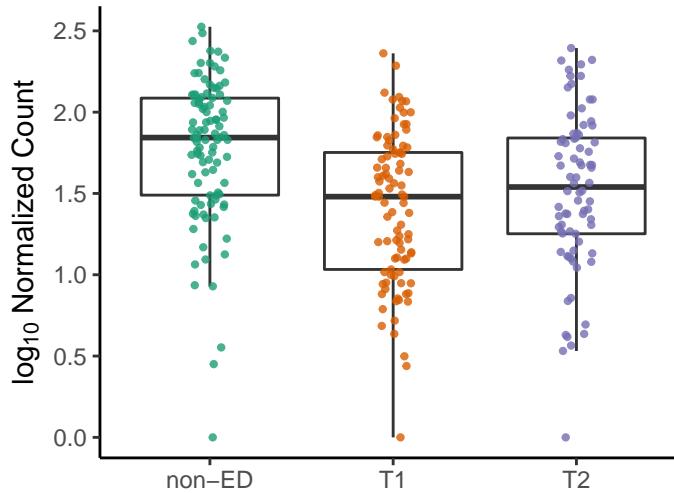
### Unclassified Lachnospiraceae Family

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



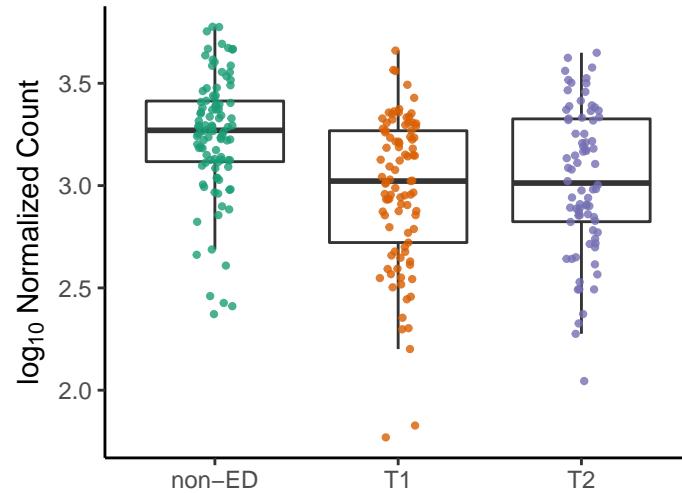
### Corynebacterium casei

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



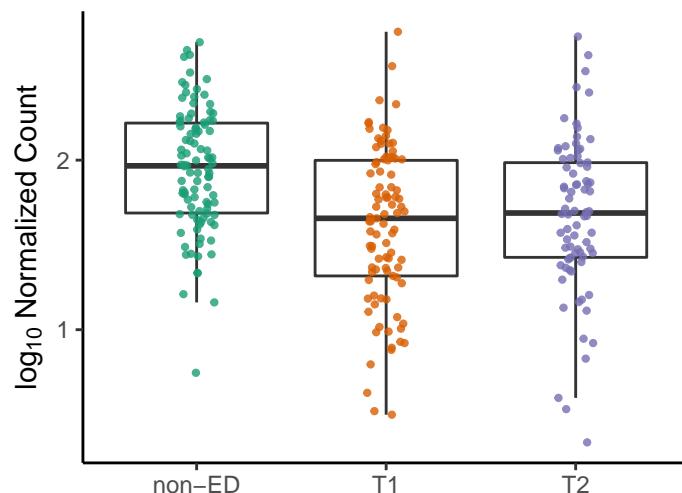
### Faecalibaculum rodentium

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



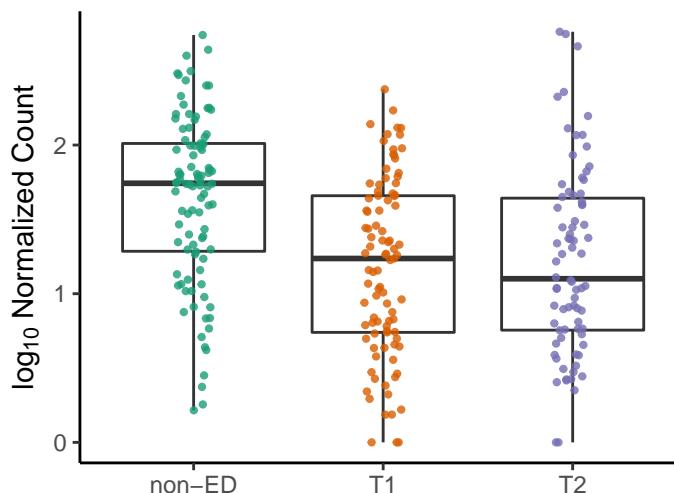
### Lentilitoribacter sp. Alg239-R112

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



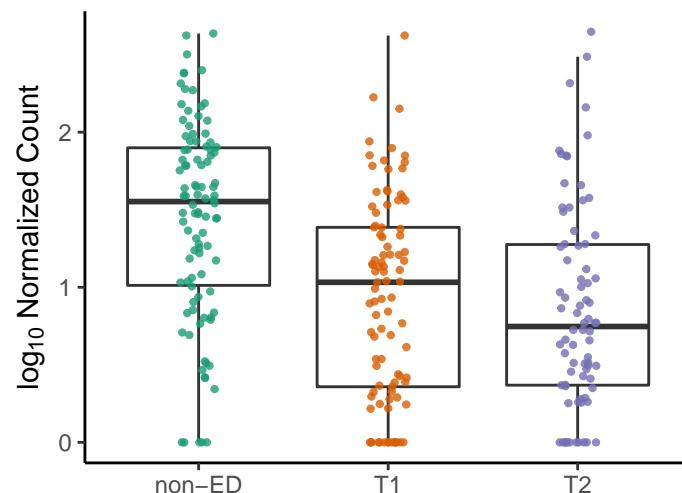
### Unclassified Synechococcales Order

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



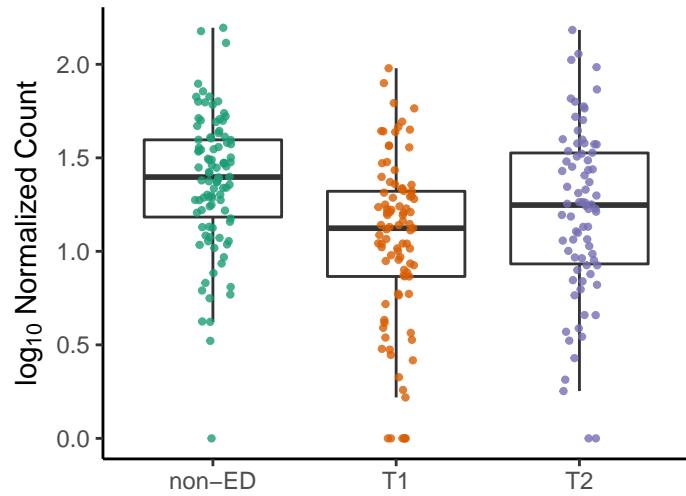
### Methanoculleus bourgensis

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



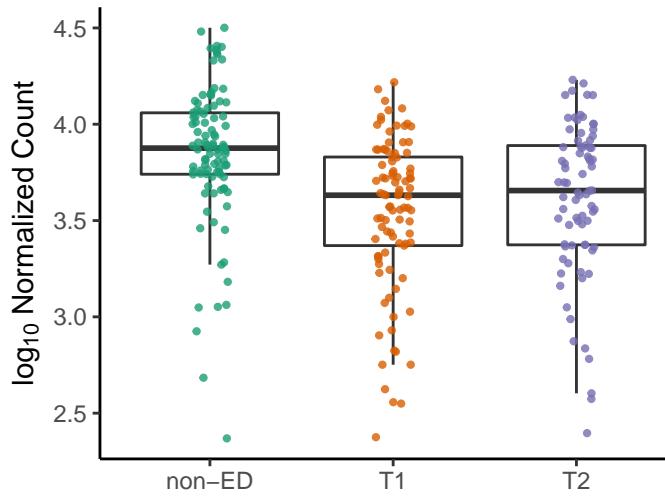
### Unclassified Carnobacteriaceae Family

non-ED vs. T1 adjusted p = 2.8e-05  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.31



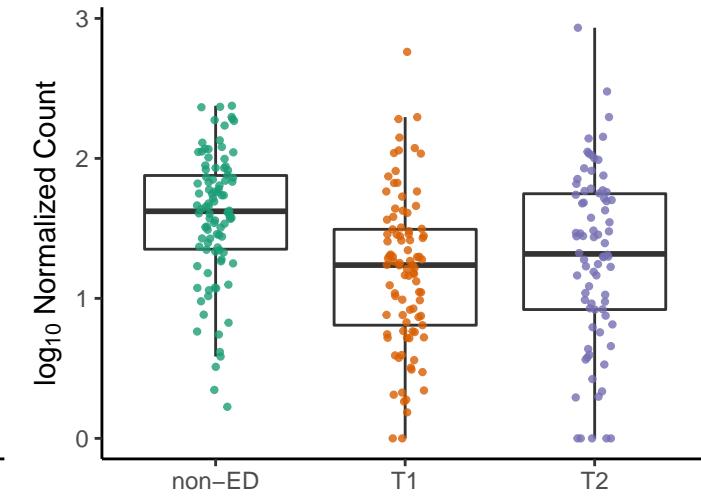
### Unclassified Roseburia Genus

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



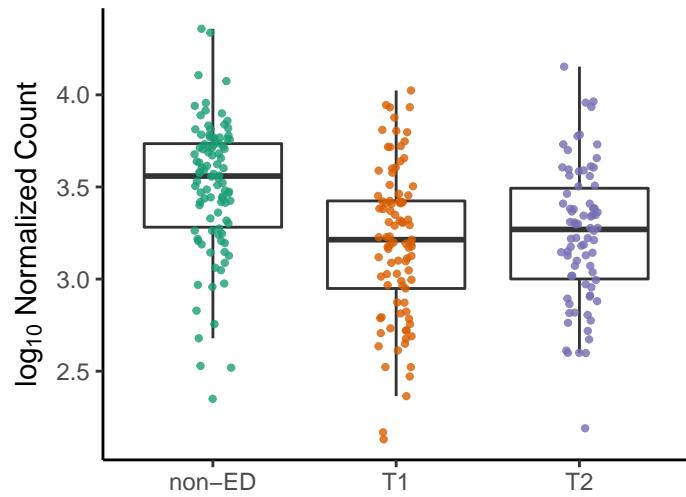
### Unclassified Veillonellaceae Family

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



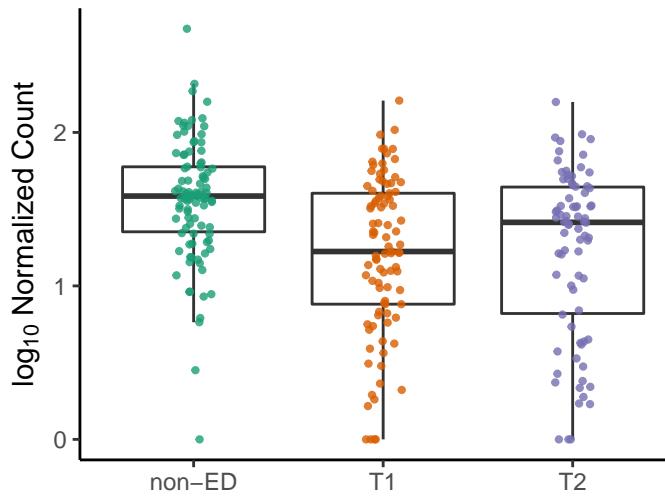
### Ruminococcus albus

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



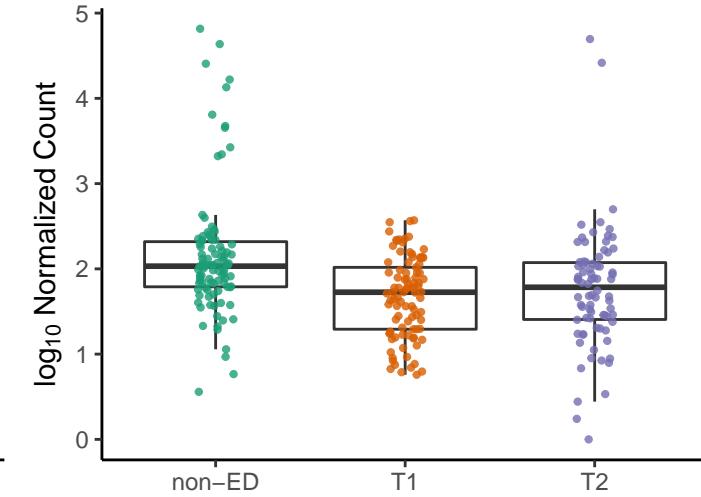
### Pseudomonas sp. Z003-0.4C(8344-21)

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



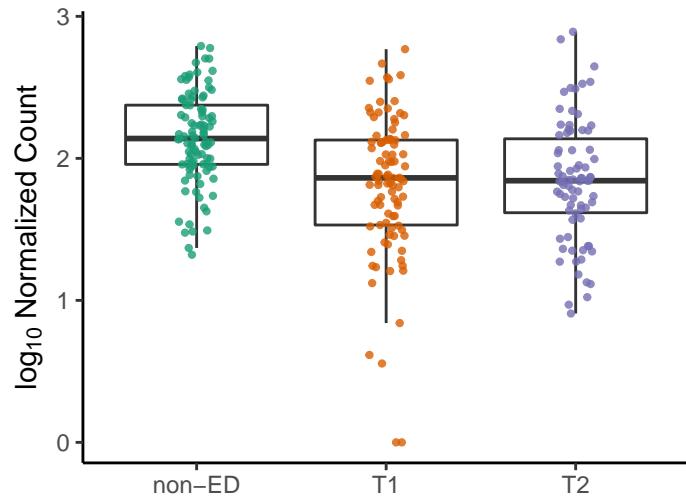
### Dialister hominis

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



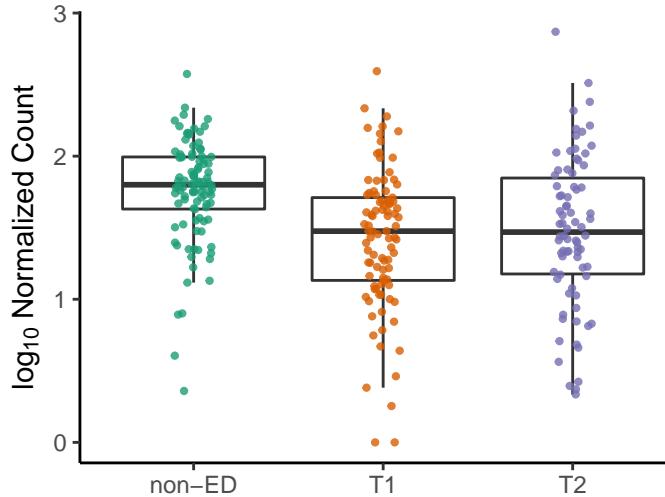
### Tessaracoccus timonensis

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



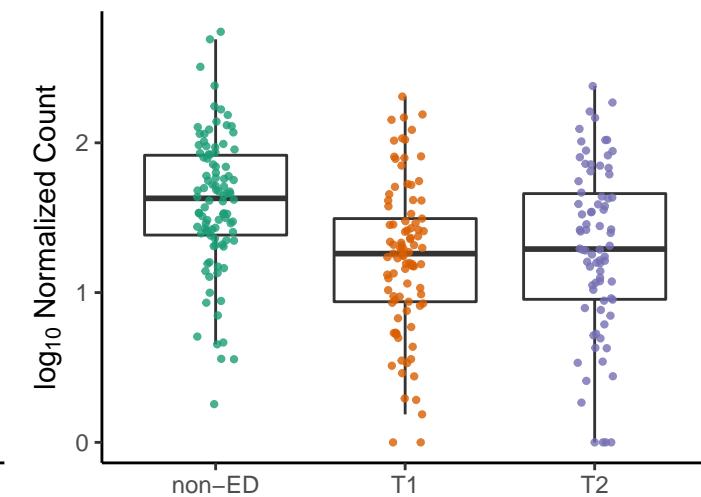
### Methanococcus vannielii

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



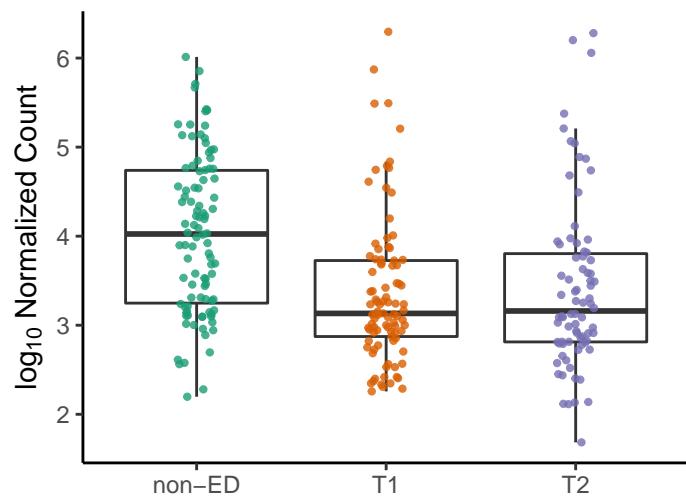
### Pseudomonas asplenii

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



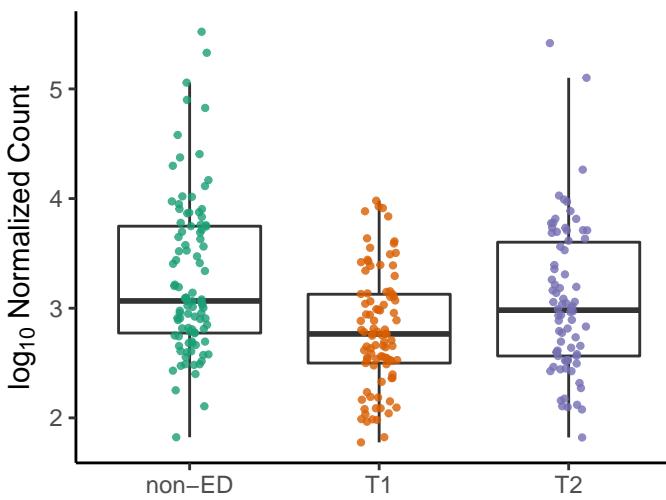
### *Bifidobacterium catenulatum*

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



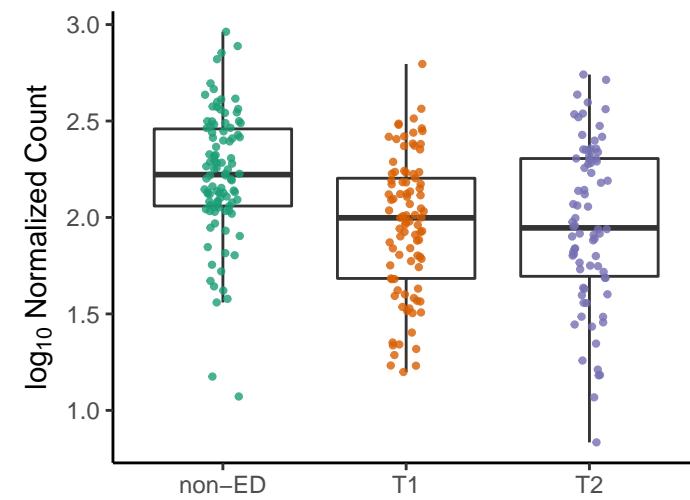
### Unclassified Dialister Genus

non-ED vs. T1 adjusted p = 5e-05  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.086



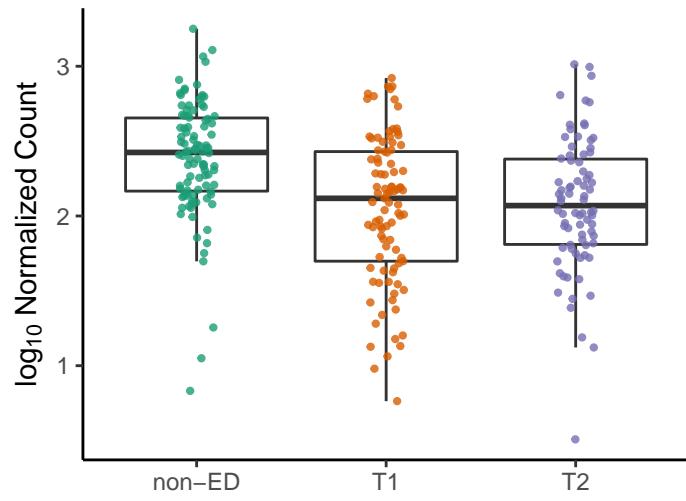
### *Flavisolibacter ginsenosidimutans*

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



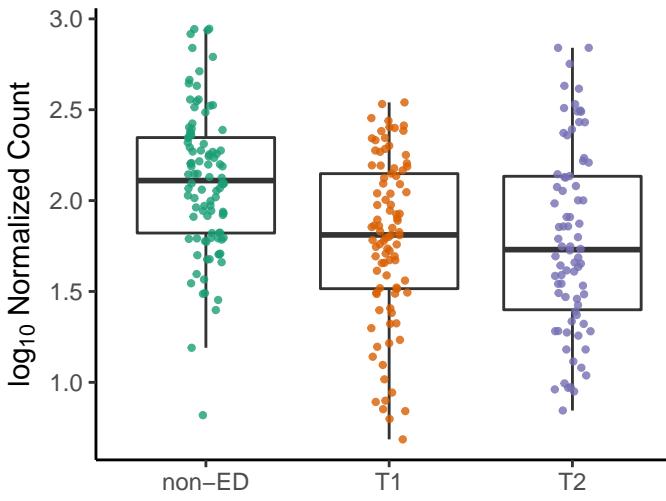
### *Acholeplasma brassicae*

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



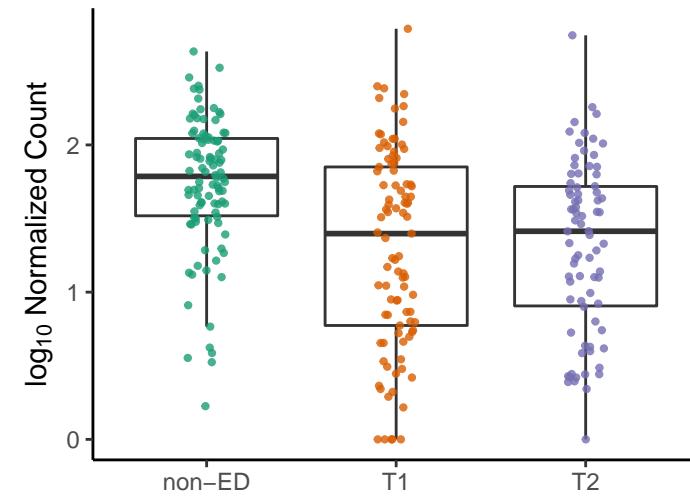
### *Pectobacterium brasiliense*

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



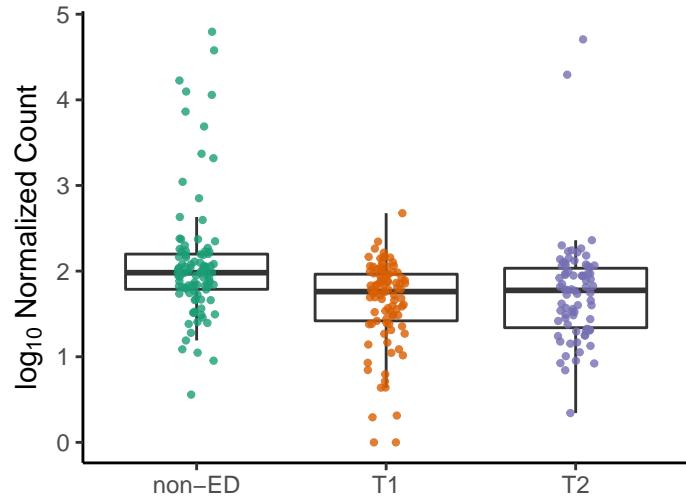
### Unclassified Acidobacteria Phylum

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



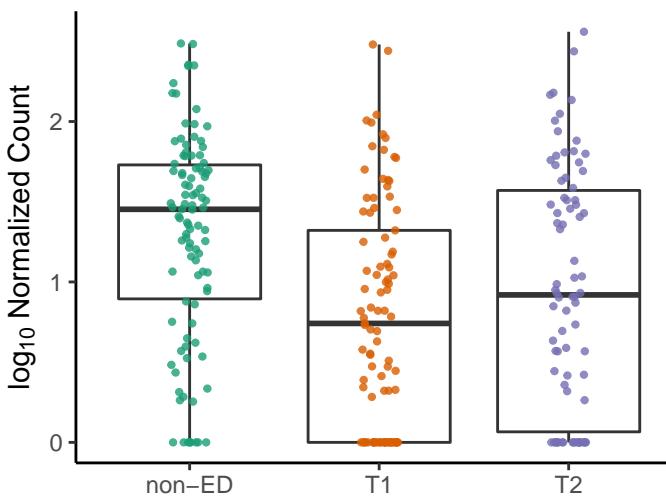
### *Dialister massiliensis*

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



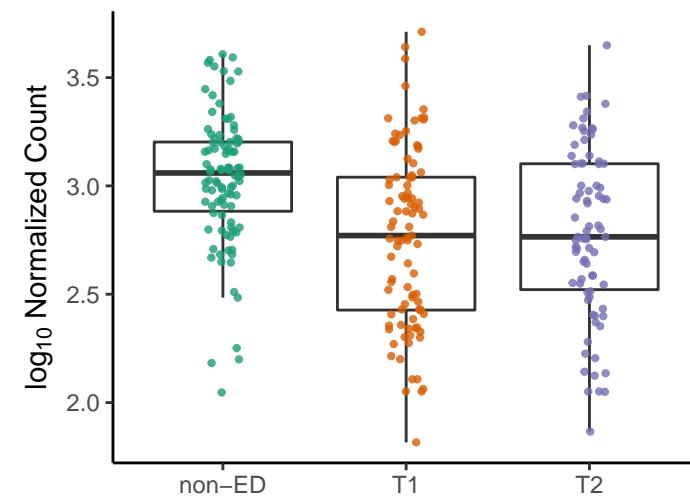
### Unclassified Georgenia Genus

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



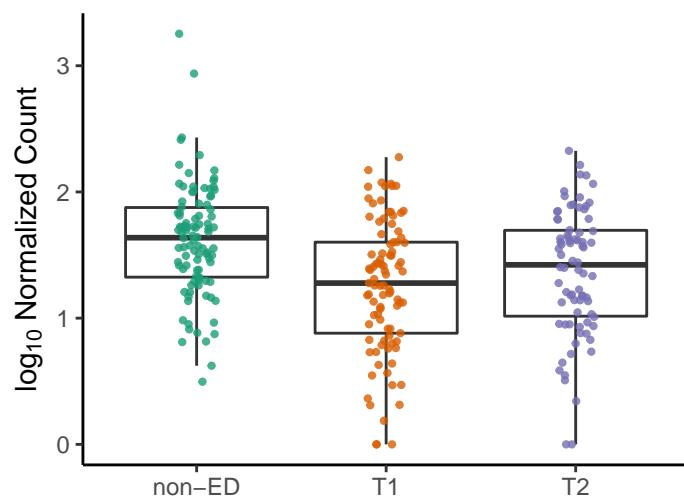
### *Mageeibacillus indolicus*

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



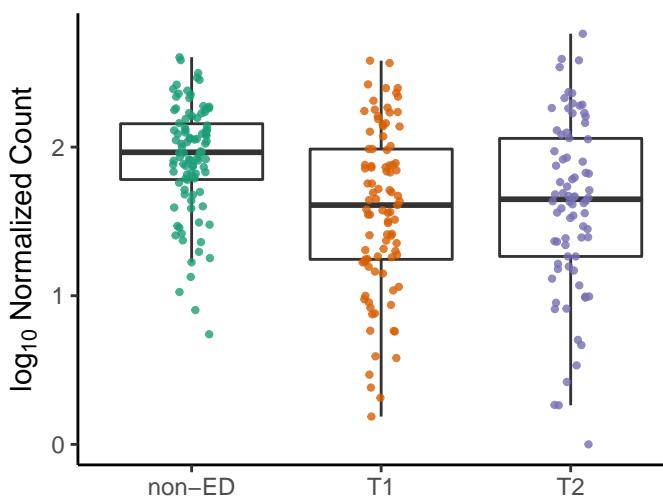
### Pseudomonas sp. R84

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



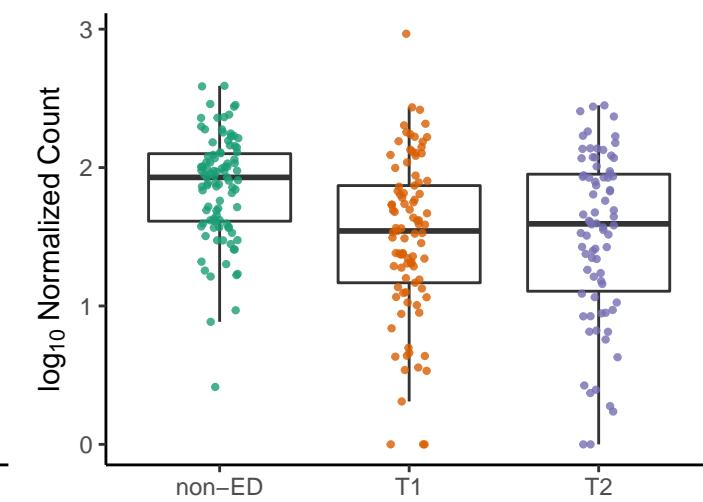
### Xanthomonas fragariae

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



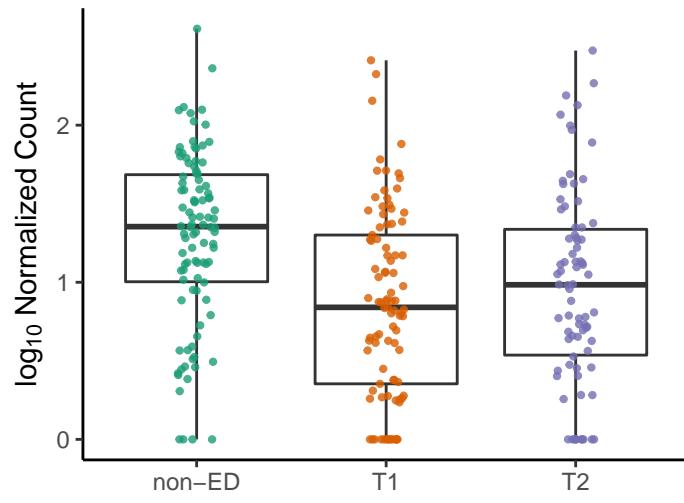
### Planctomycetes bacterium Poly24

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



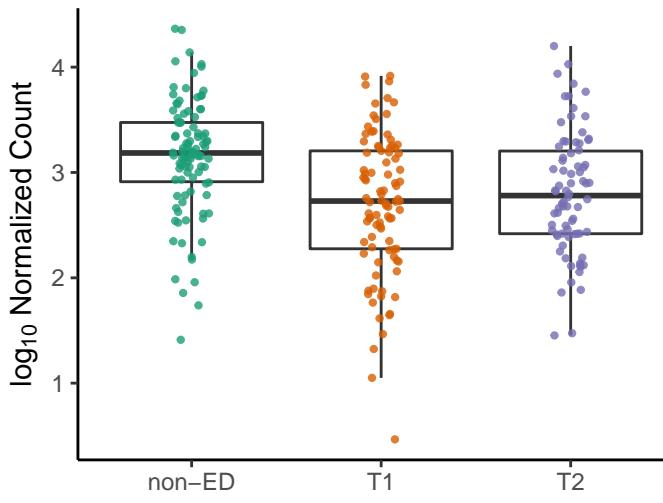
### Pseudomonas sp. FDAARGOS\_380

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



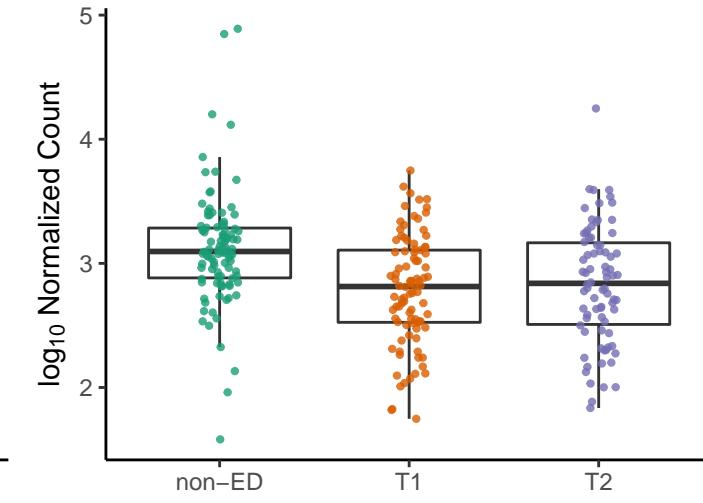
### Unclassified Ruminococcus Genus

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



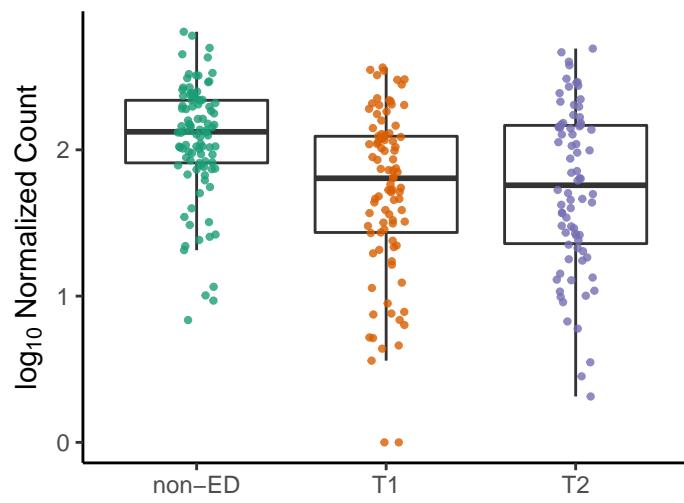
### Lactobacillus ruminis

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



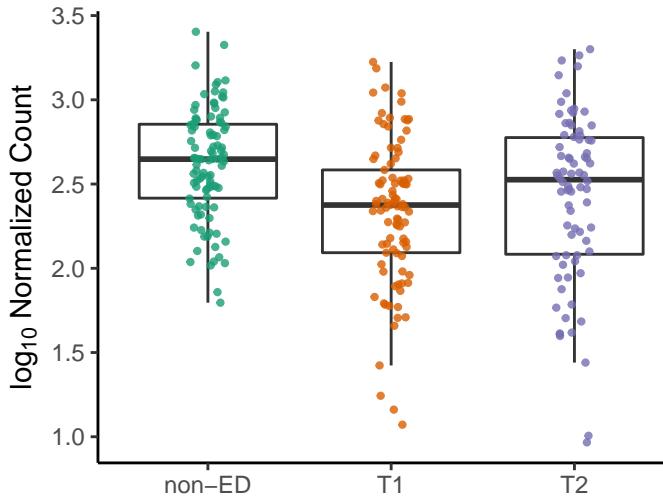
### Unclassified Leisingera Genus

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



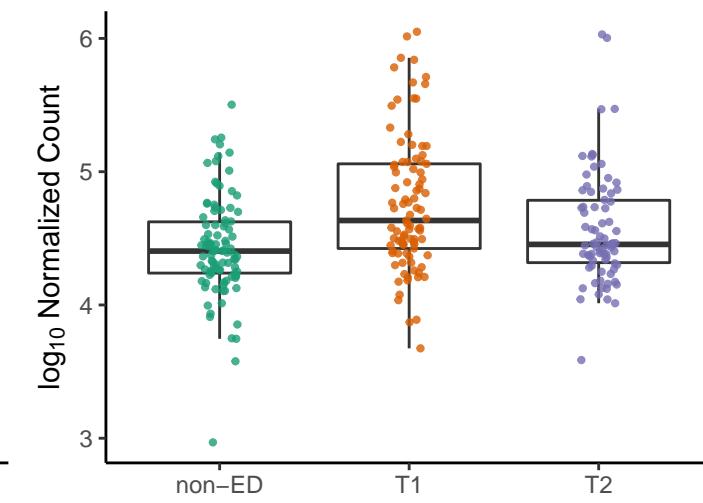
### Bifidobacterium choerinum

non-ED vs. T1 adjusted p = 0.00013  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.55



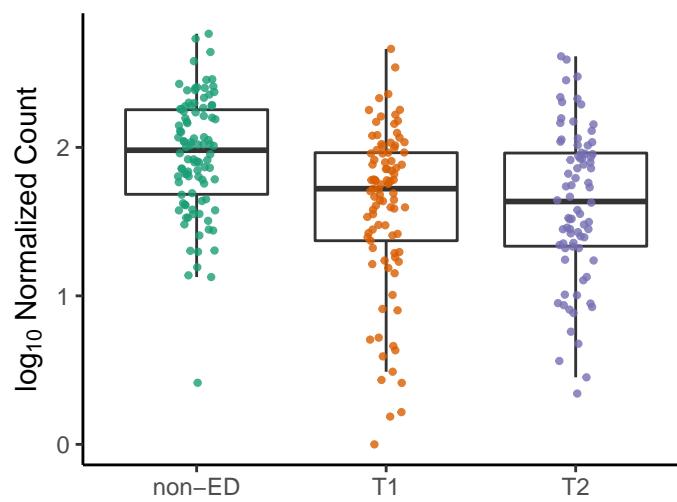
### Enterocloster bolteae

non-ED vs. T1 adjusted p = 0.00013  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.084



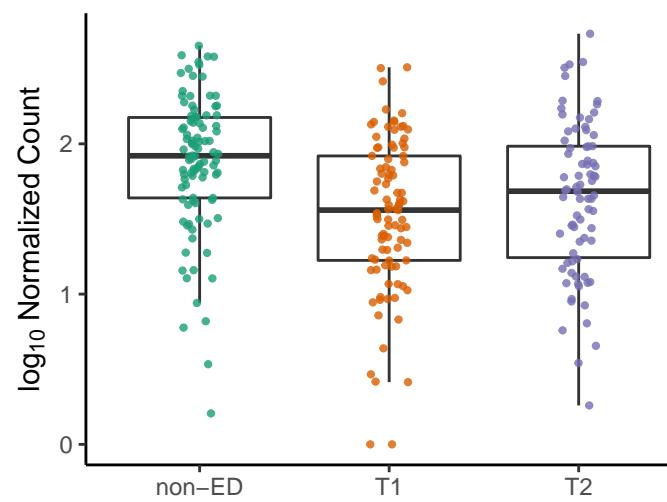
### *Corynebacterium minutissimum*

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



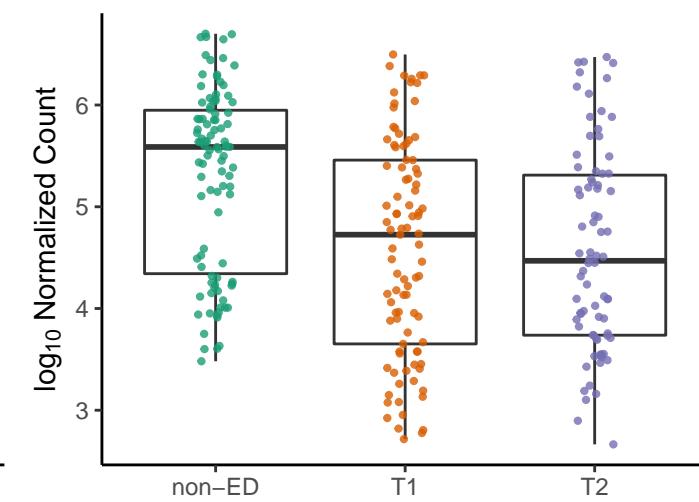
### *Erwinia billingiae*

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



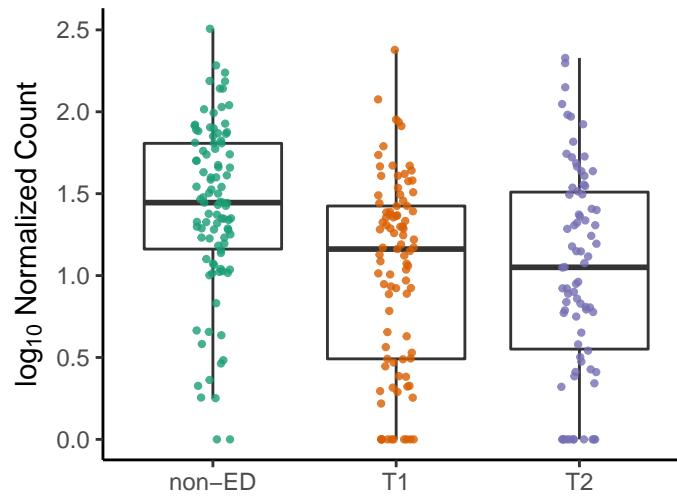
### *Collinsella aerofaciens*

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



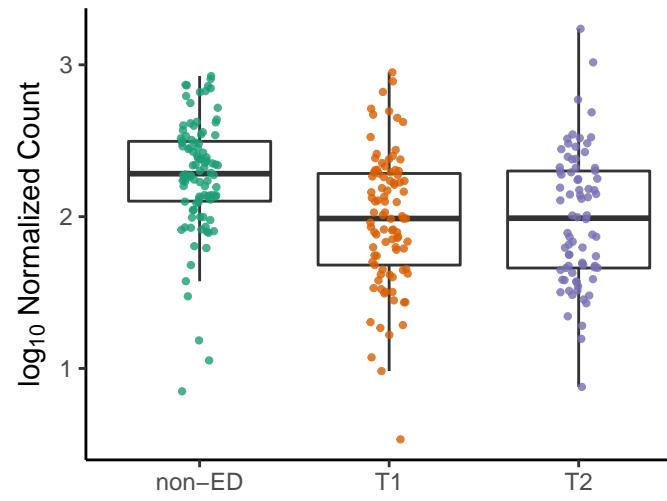
### *Rathayibacter sp. VKM Ac-2805*

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



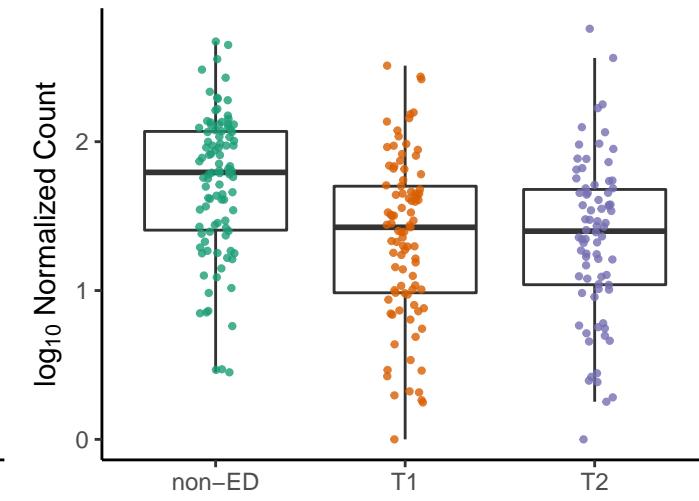
### Unclassified Campylobacteraceae Family

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



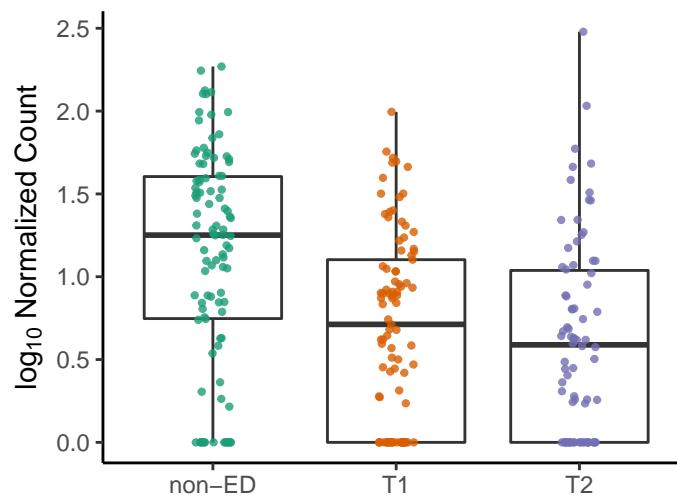
### *Rheinheimera sp. D18*

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



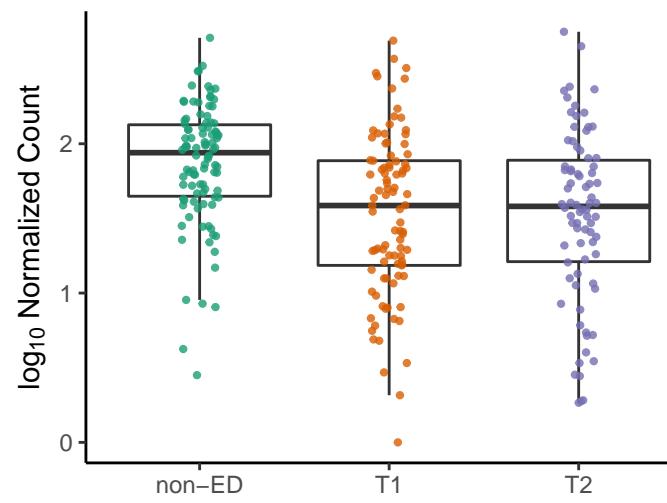
### Unclassified Desulfobacterales Order

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



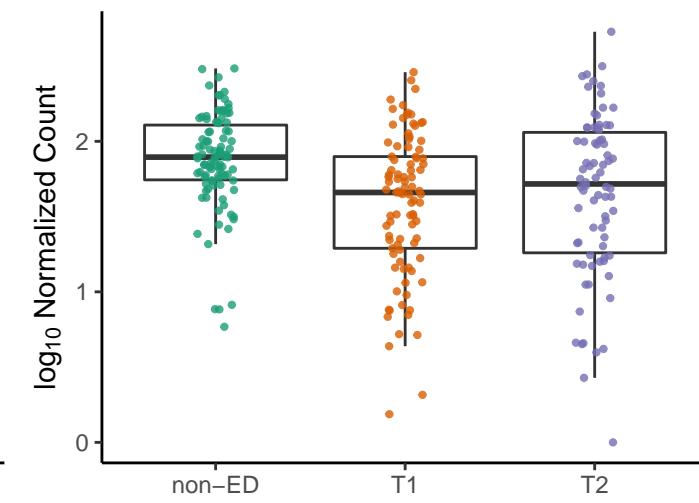
### *Coprothermobacter proteolyticus*

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



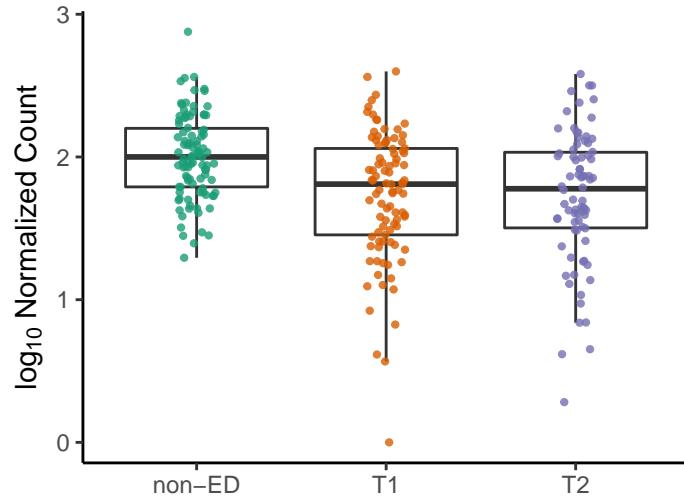
### *Lachancea thermotolerans*

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



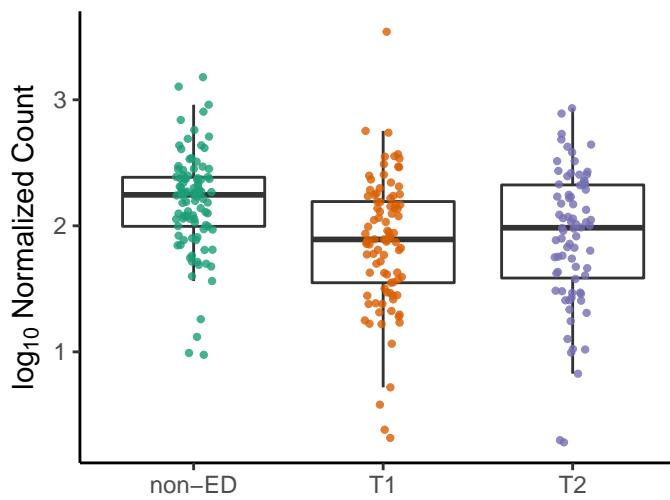
### Mesotoga prima

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



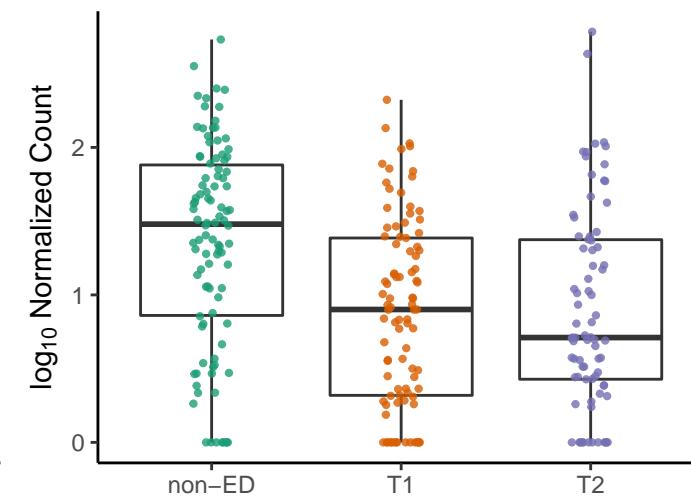
### Acidovorax sp. RAC01

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



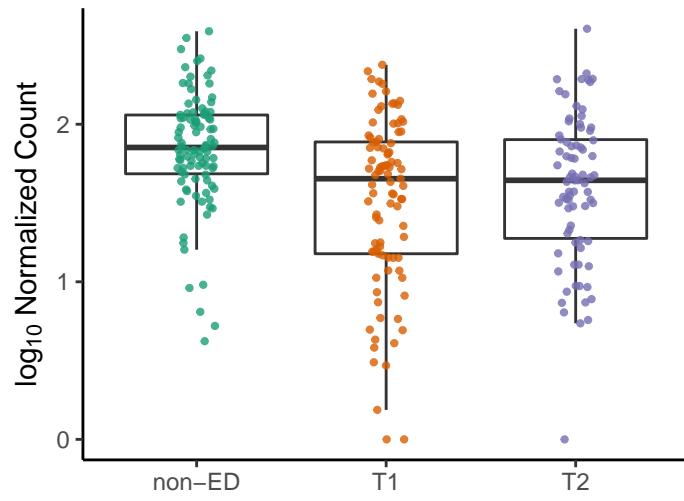
### Unclassified Chroococcales Order

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



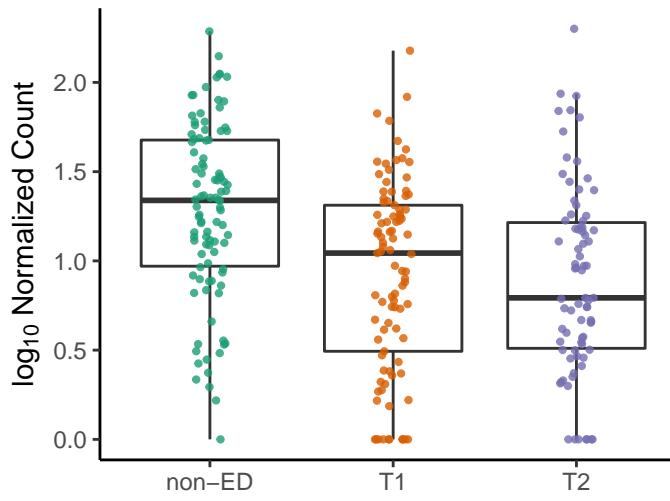
### Sulfitobacter sp. SK011

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



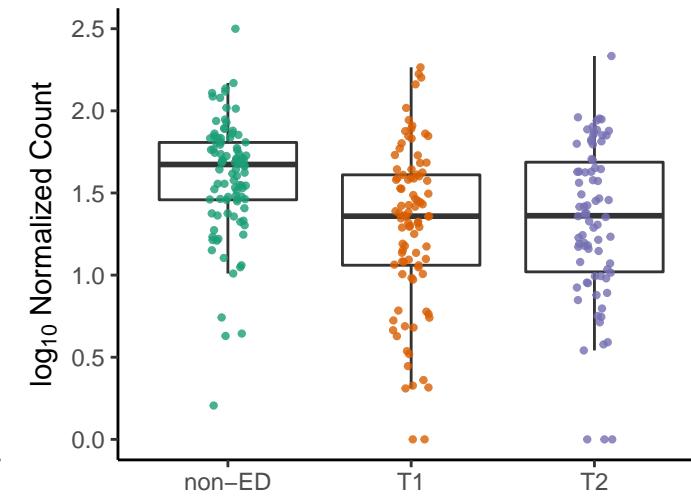
### Unclassified Planctopirus Genus

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



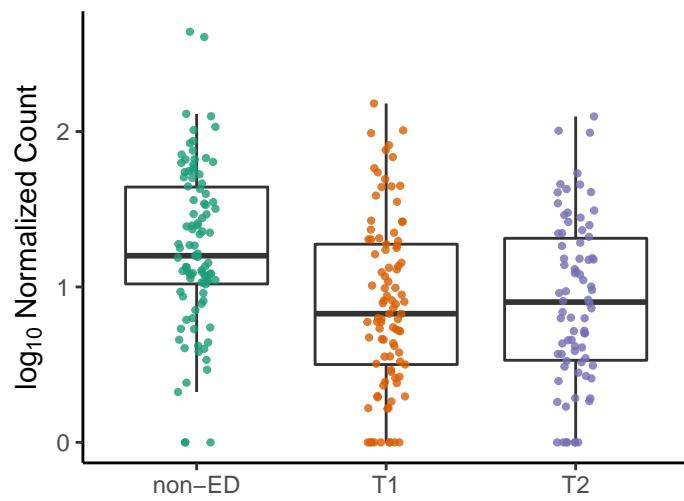
### Formosa sp. Hel3\_A1\_48

non-ED vs. T1 adjusted p = 0.00026  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.96



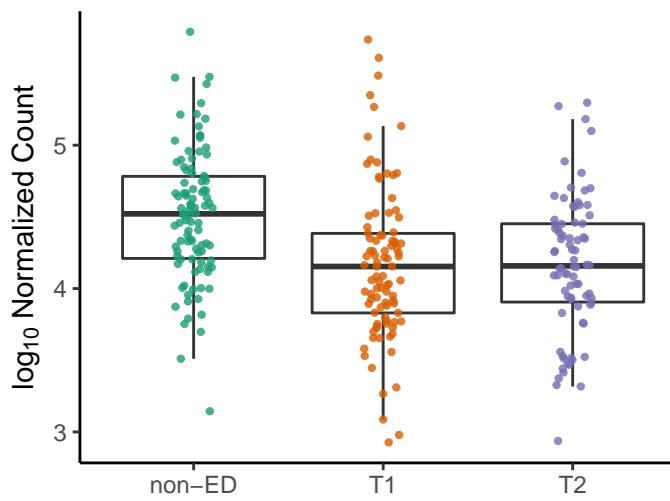
### Sulfurisphaera tokodaii

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



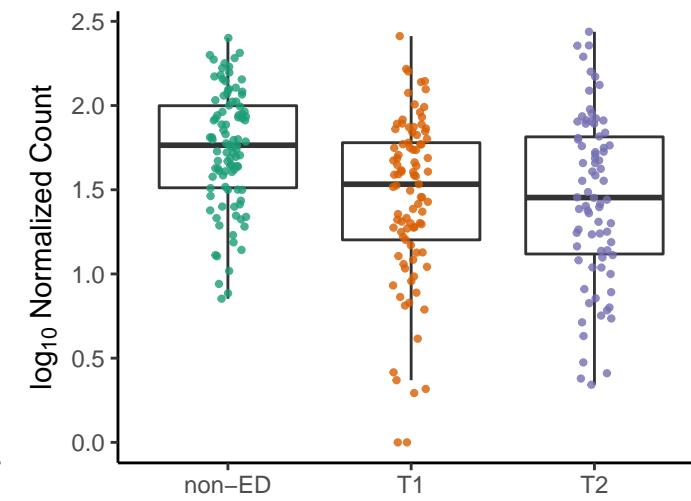
### Longibaculum sp. KGMB06250

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



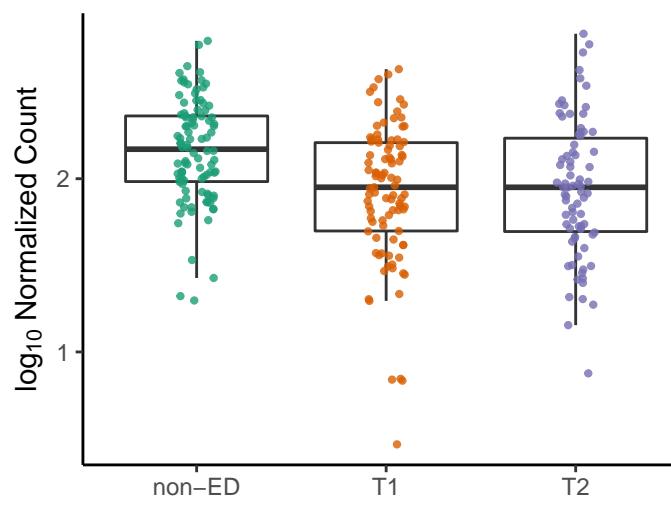
### Vibrio casei

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



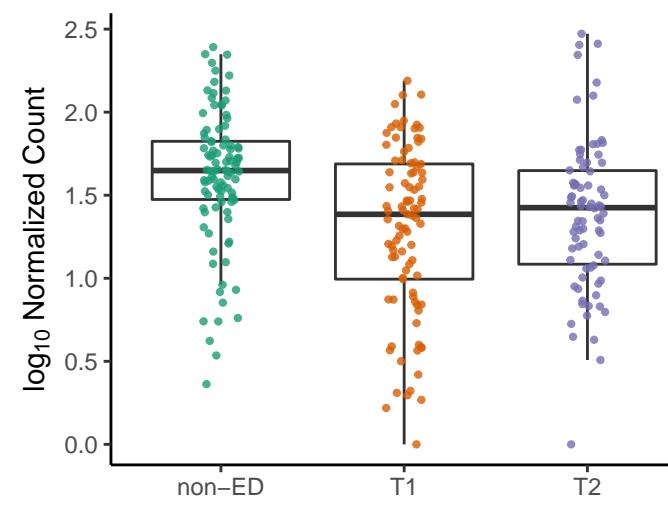
### *Cohaesibacter* sp. ES.047

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



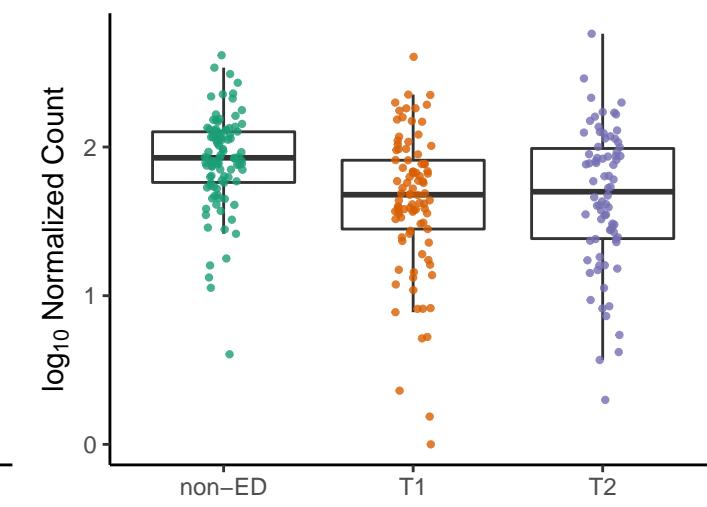
### Unclassified Oceanobacillus Genus

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



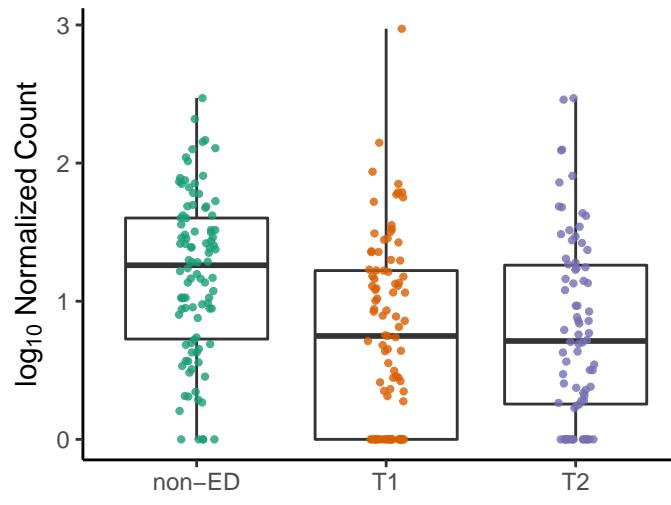
### *Pantoea* rwandensis

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



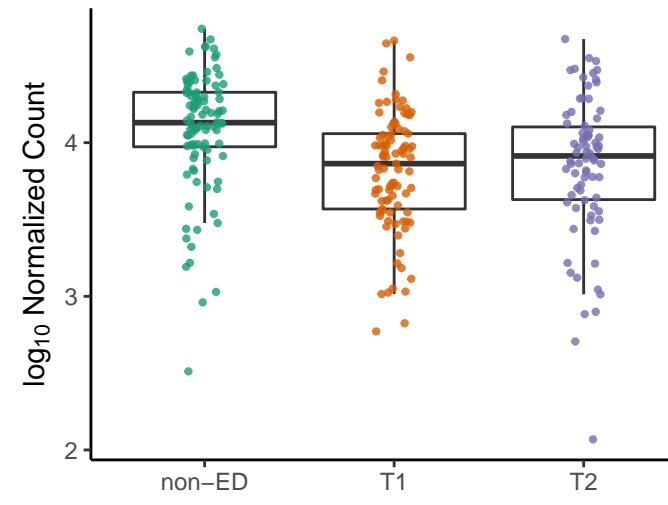
### *Pseudomonas* sp. R3-18-08

non-ED vs. T1 adjusted p = 0.00032  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.77



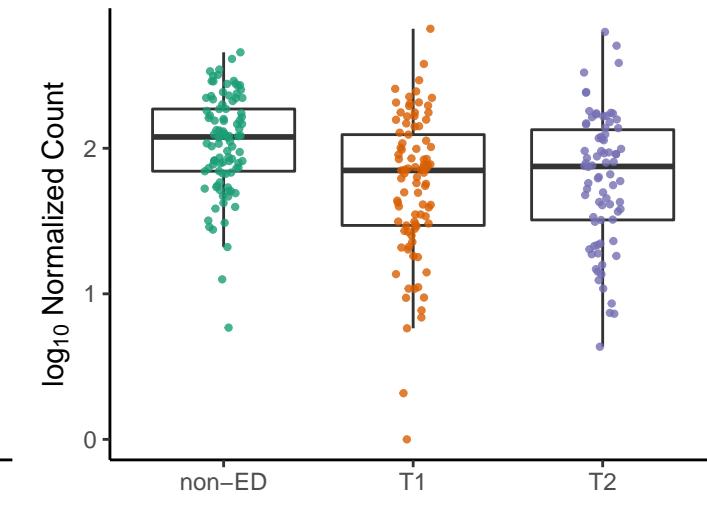
### Lachnospiraceae bacterium KM106-2

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



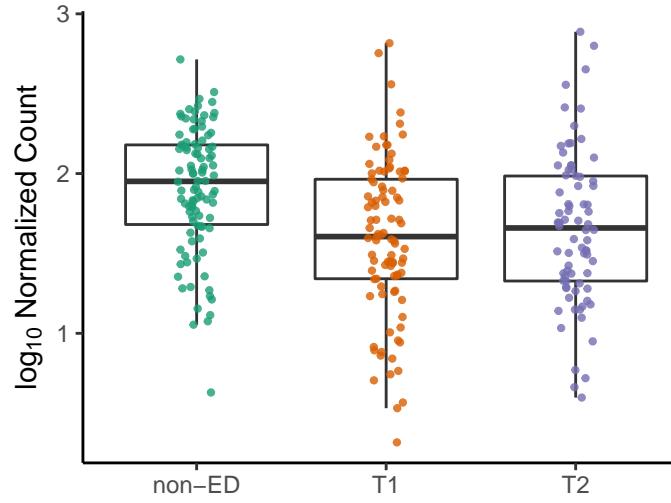
### *Synechococcus* sp. PCC 7336

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



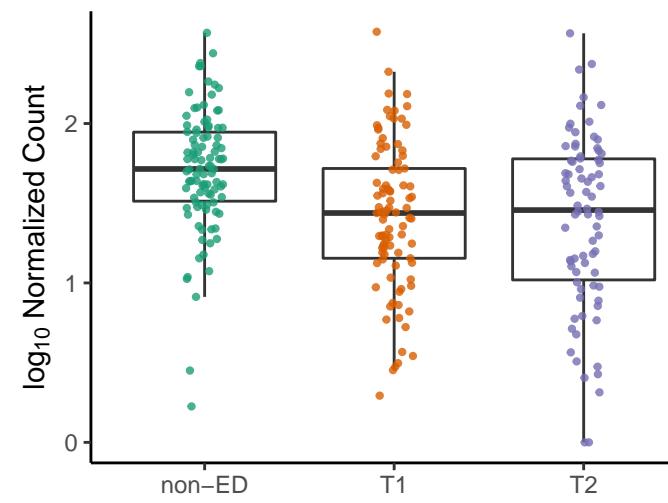
### *Arcanobacterium phocae*

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



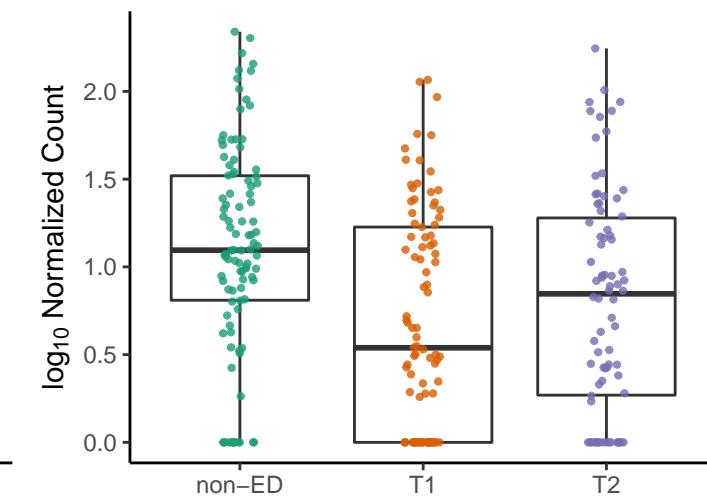
### *Ephemeroptericola cinctostellae*

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



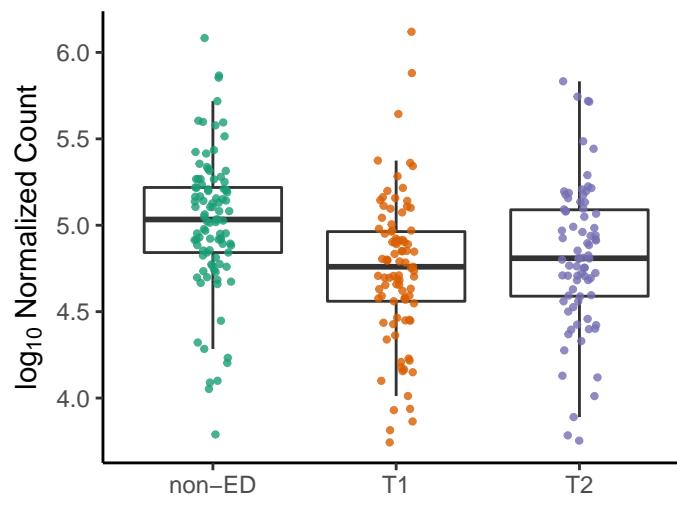
### *Pseudoalteromonas haloplanktis*

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



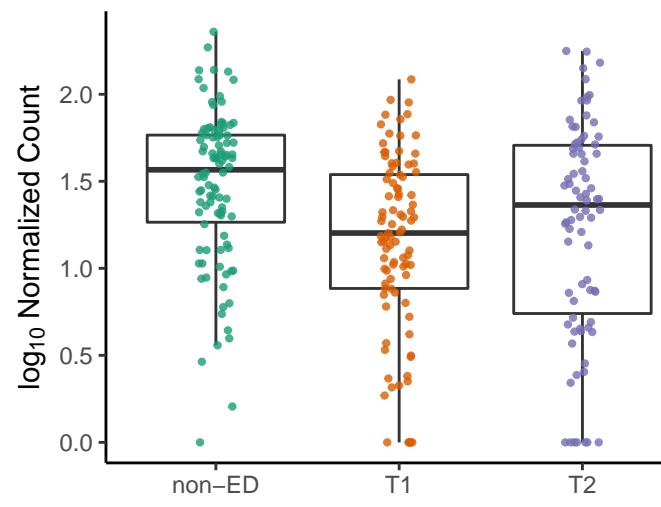
### *Roseburia intestinalis*

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



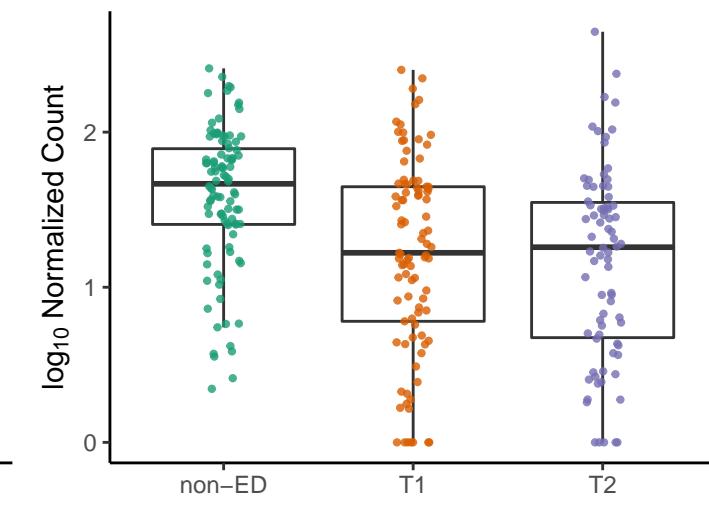
### *Streptomyces* sp. DUT11

non-ED vs. T1 adjusted p = 0.00034  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.67



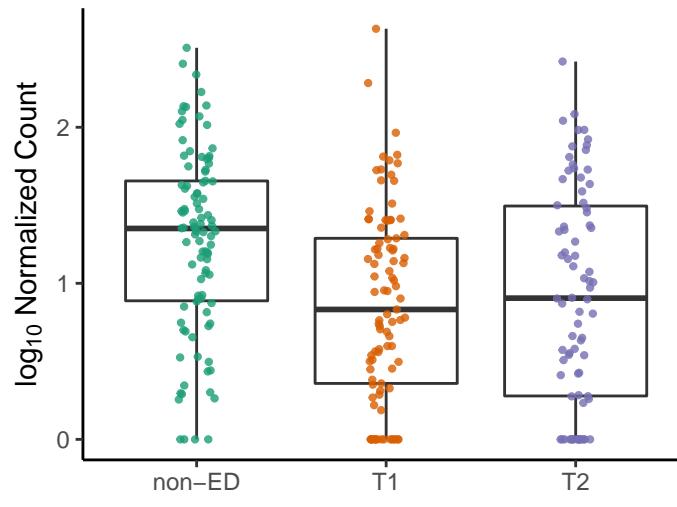
### Actinobacteria bacterium IMCC26077

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



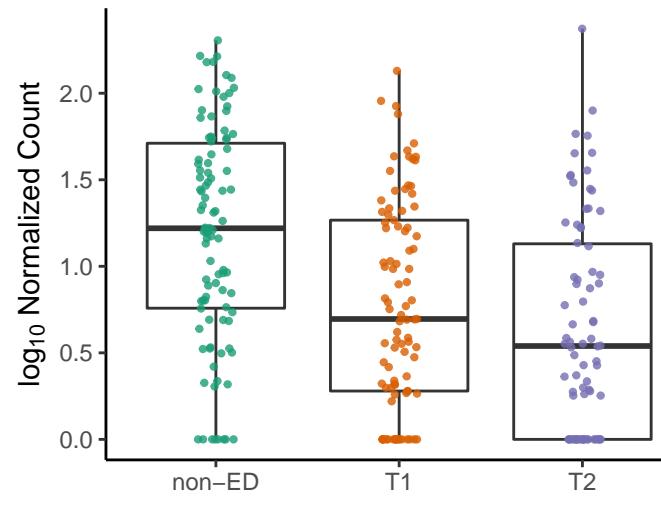
### *Microbacterium paludicola*

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



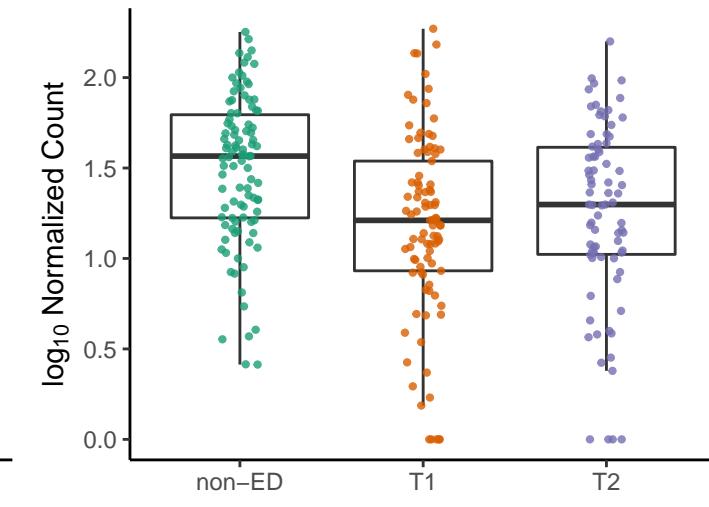
### *Nonlabens* sp. MIC269

non-ED vs. T1 adjusted p = 0.00037  
 non-ED vs. T2 adjusted p = 1.3e-05  
 T1 vs. T2 adjusted p = 0.63



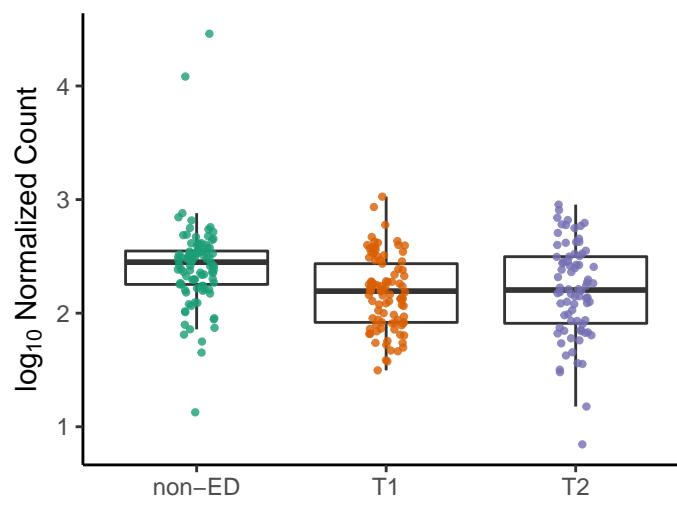
### *Polynucleobacter difficile*

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



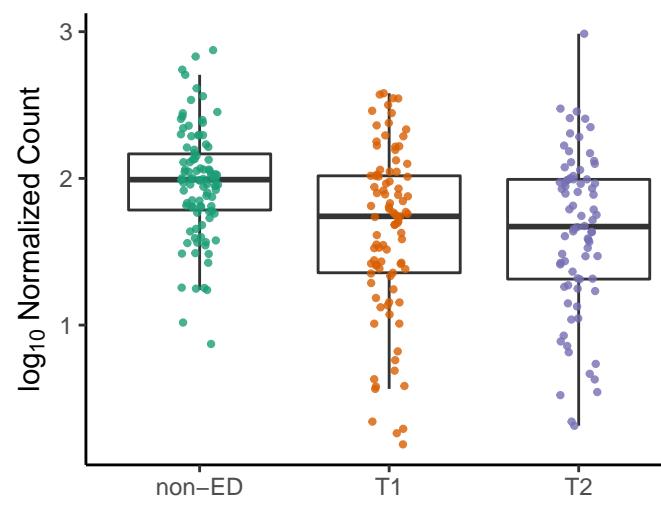
### *Succinivibrio dextrinosolvens*

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



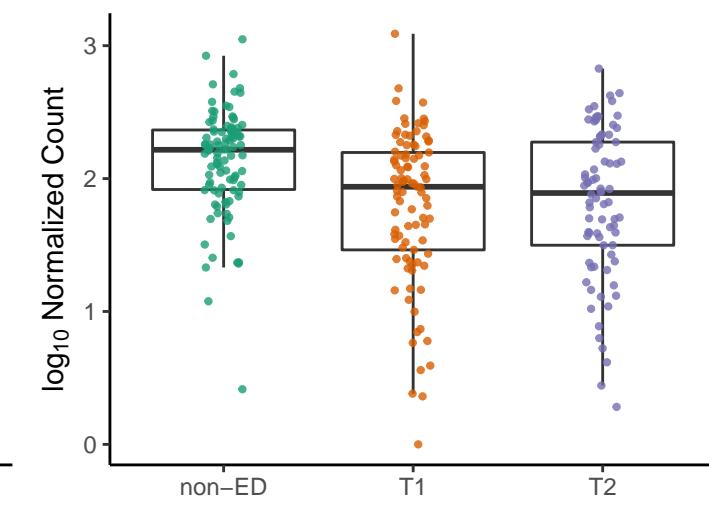
### *Neisseria zalophi*

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



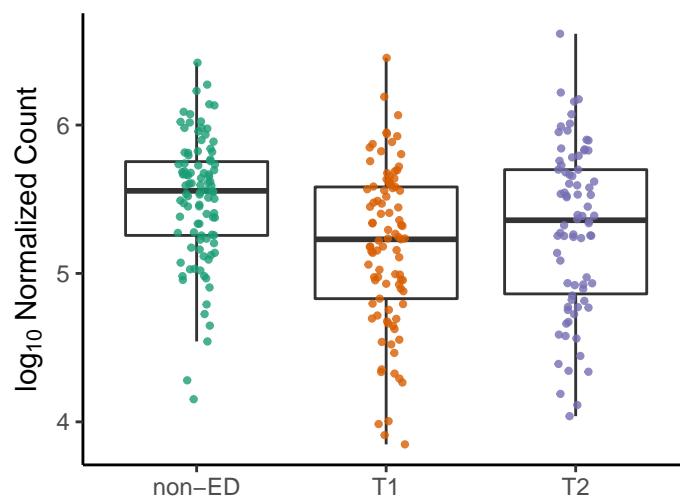
### *Acidovorax* sp. HDW3

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



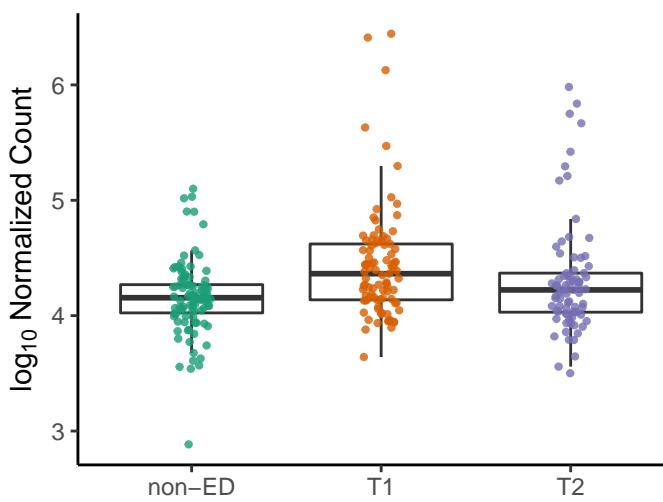
### *Blautia* sp. SC05B48

non-ED vs. T1 adjusted p = 0.00039  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.67



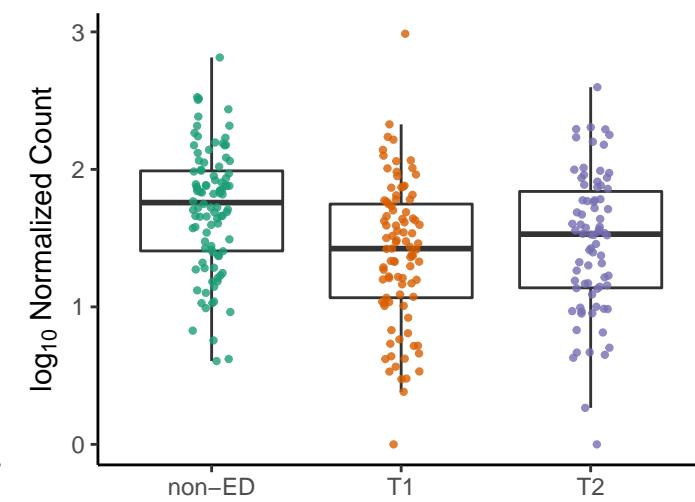
### *Lachnoclostridium* sp. YL32

non-ED vs. T1 adjusted p = 0.00041  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.23



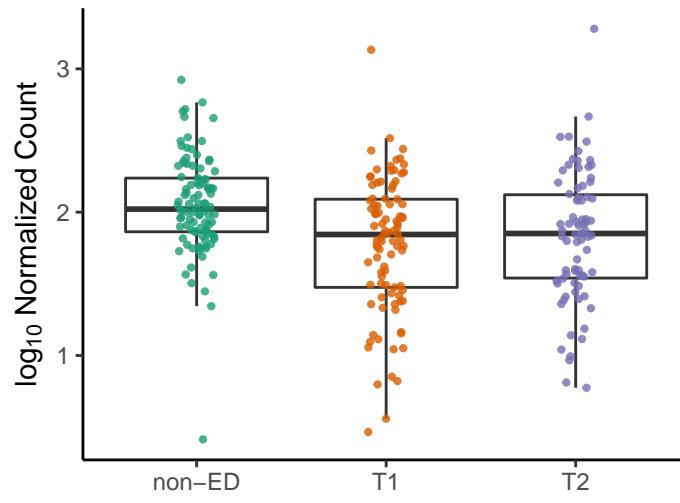
### *Pseudomonas* sp. LPH1

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



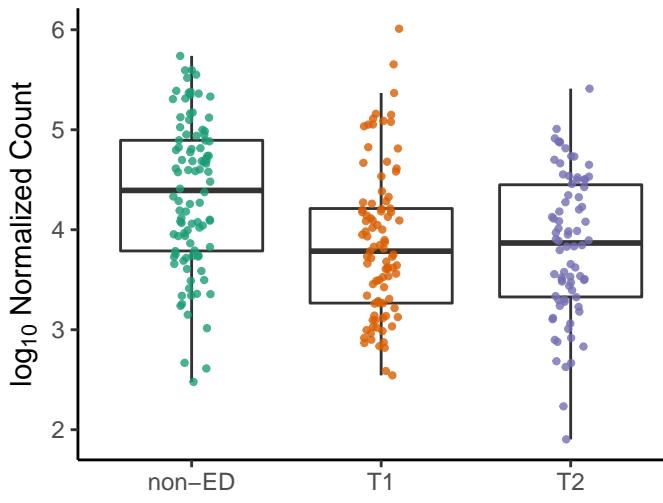
### *Sinorhizobium americanum*

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



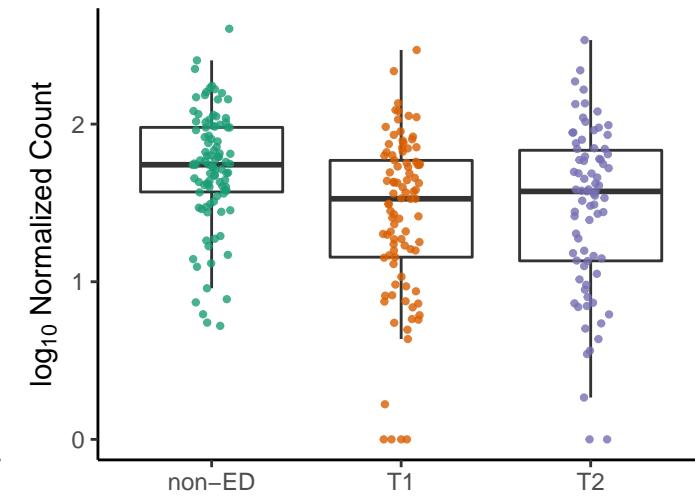
### *Erysipelotrichaceae bacterium GAM147*

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



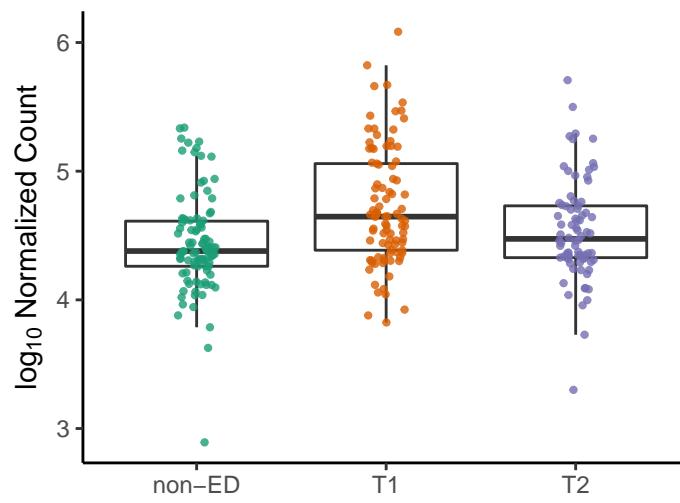
### *Leisingera* sp. NJS201

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



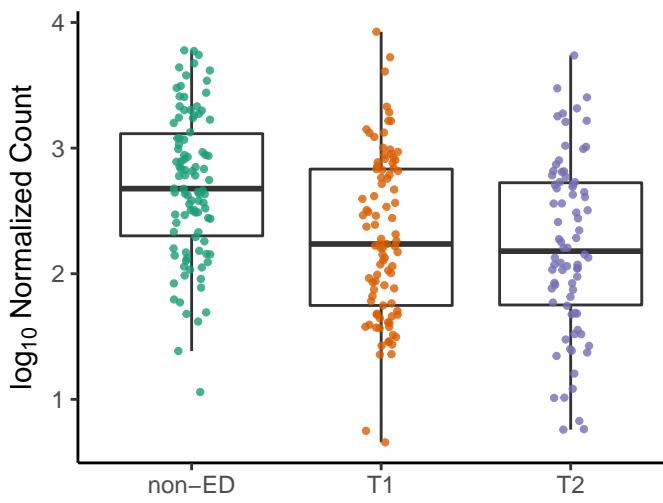
### [*Clostridium*] scindens

non-ED vs. T1 adjusted p = 0.00044  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.086



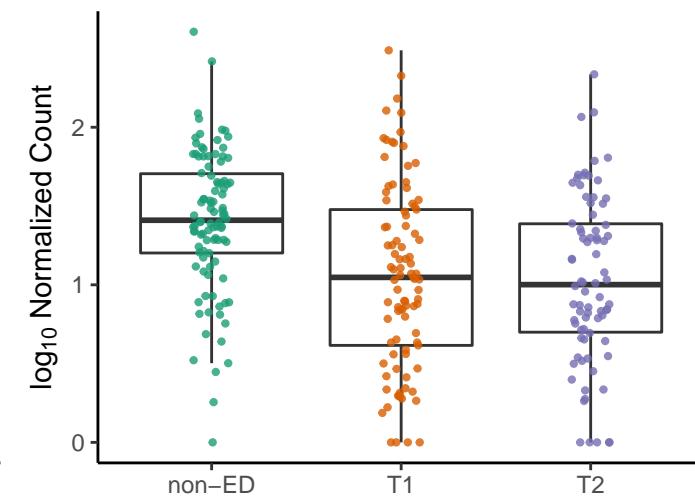
### *Gemella sanguinis*

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



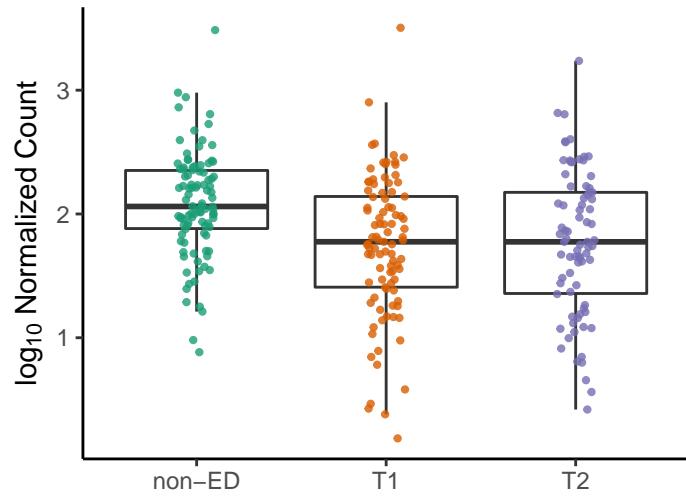
### *Methanocaldococcus jannaschii*

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



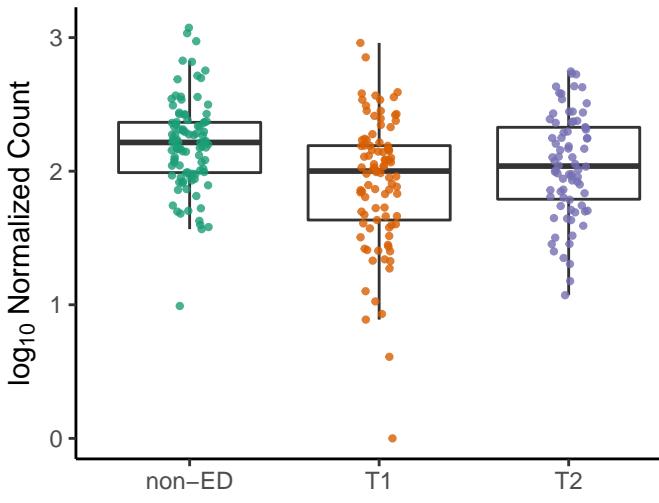
### *Bradyrhizobium* sp.

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



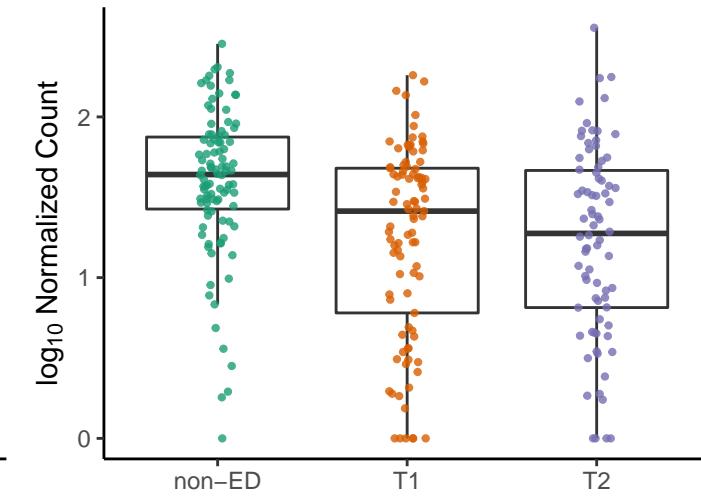
### *Alcanivorax pacificus*

non-ED vs. T1 adjusted p = 0.00045  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.45



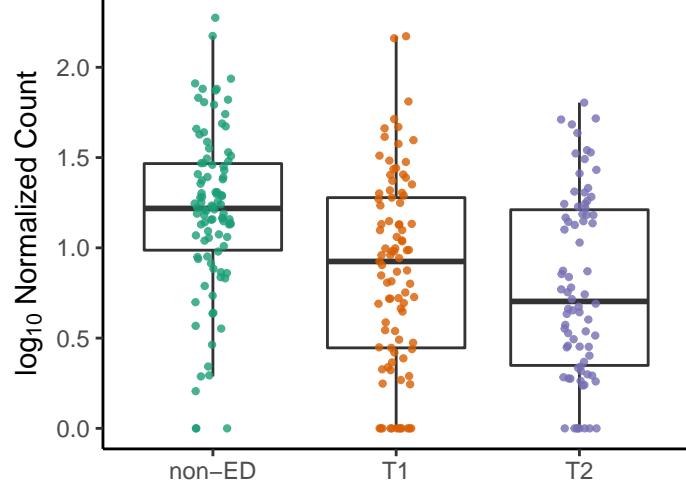
### *Sphingobium* sp. YBL2

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



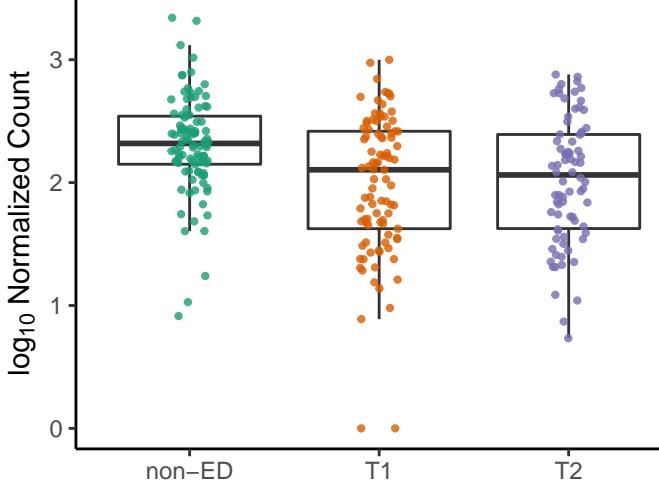
### *Candidatus Nesciobacter abundans*

non-ED vs. T1 adjusted p = 0.00045  
 non-ED vs. T2 adjusted p = 2.8e-05  
 T1 vs. T2 adjusted p = 0.77



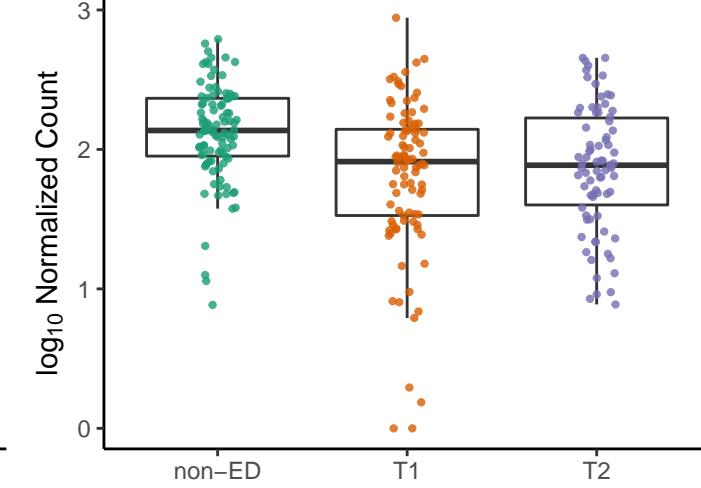
### *Arthrobacter* sp. QXT-31

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



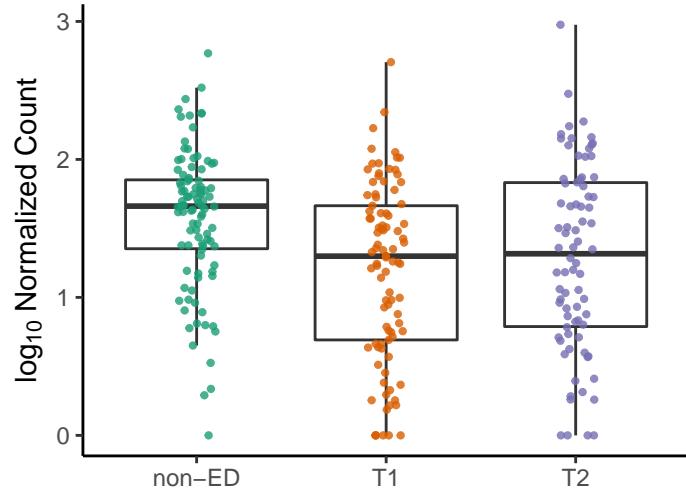
### *Ketogulonicigenium vulgare*

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



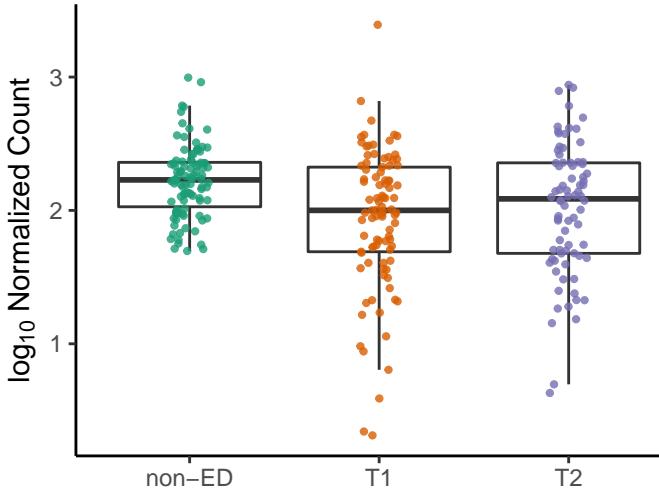
### *Streptomyces* sp. M56

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



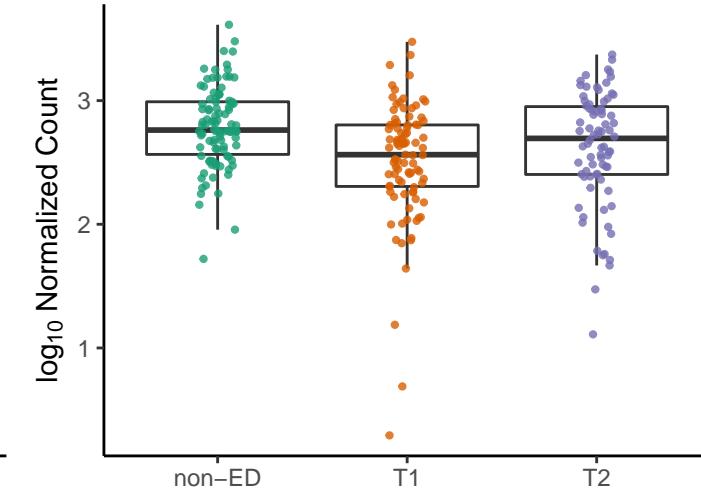
### *Ornithinimicrobium* sp. AMA3305

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



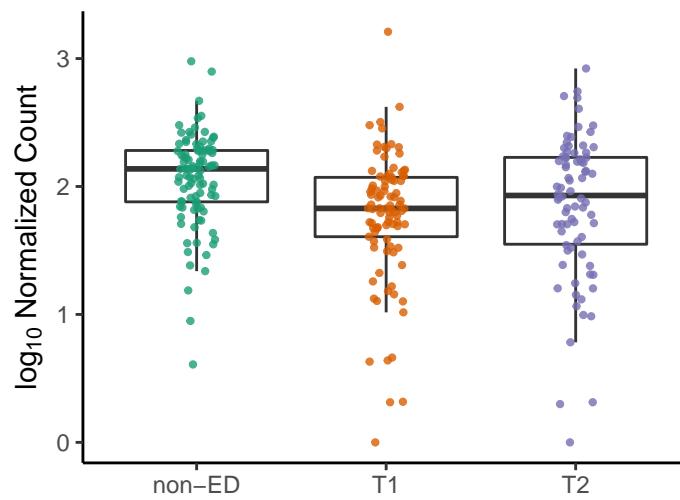
### *Bifidobacterium pseudolongum*

non-ED vs. T1 adjusted p = 0.00052  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.51



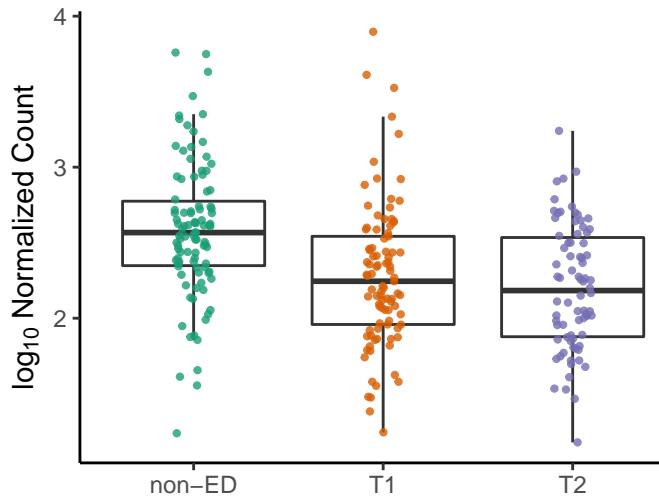
### Haloarcula sp. JP-L23

non-ED vs. T1 adjusted p = 0.00054  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.63



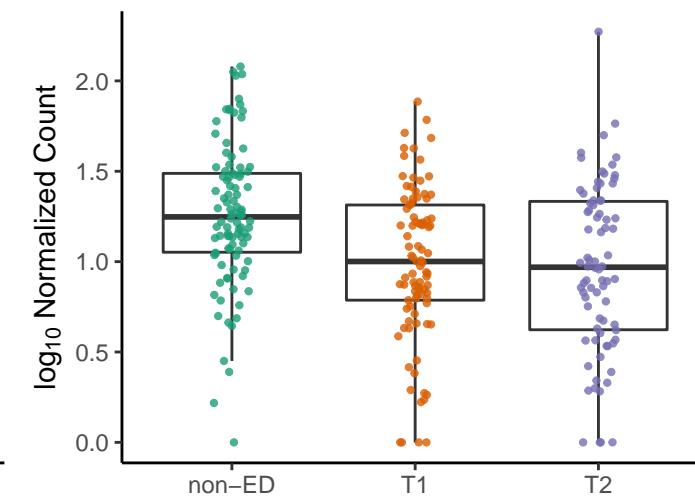
### Peptostreptococcaceae bacterium oral ta

non-ED vs. T1 adjusted p = 0.00055  
non-ED vs. T2 adjusted p = 1.1e-05  
T1 vs. T2 adjusted p = 0.68



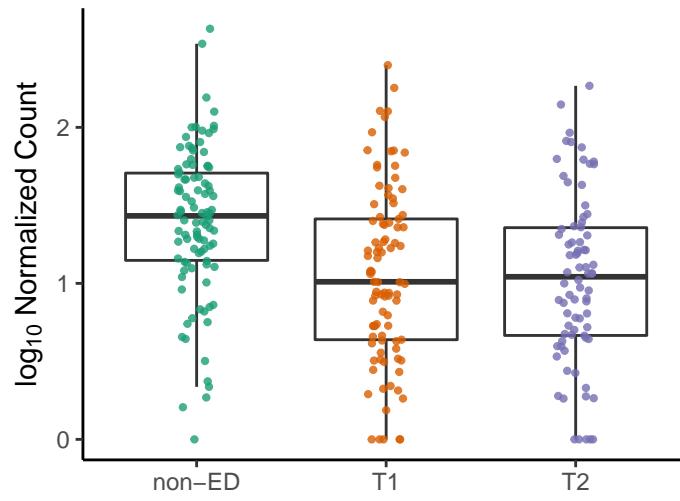
### Frederiksenia canicola

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



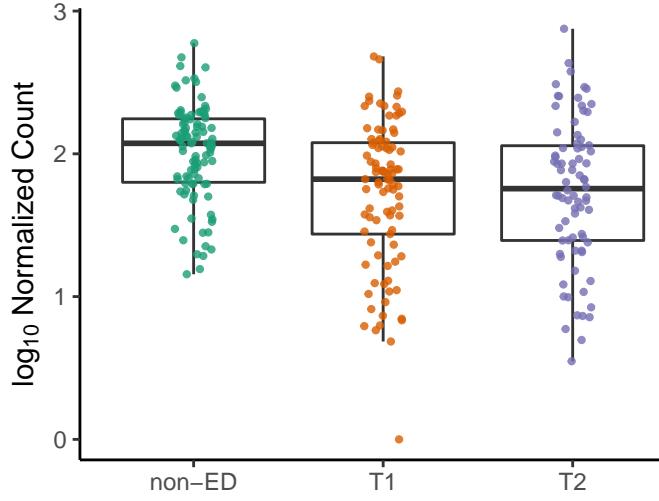
### Methanocaldococcus bathoardescens

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



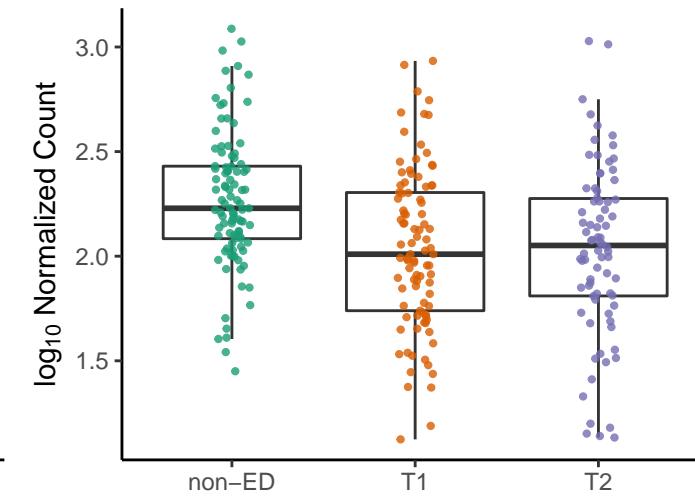
### Mycolicibacterium phocaicum

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



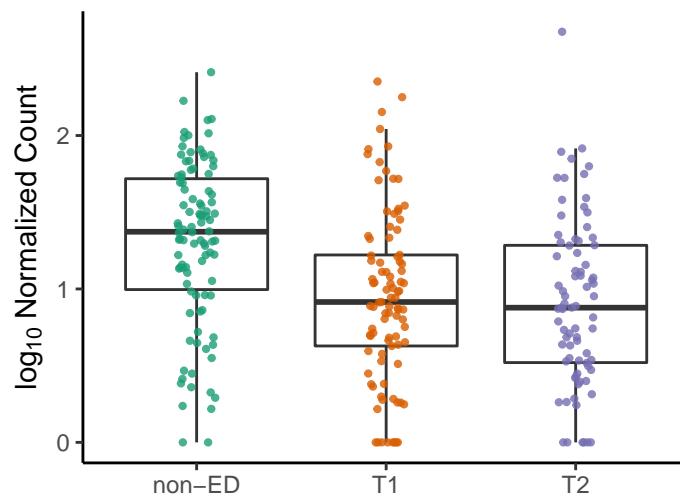
### Phaeobacter inhibens

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



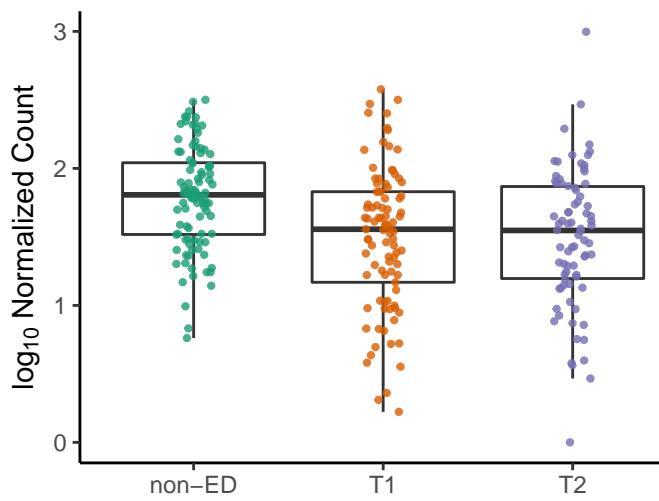
### Borrelia sp. CA690

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



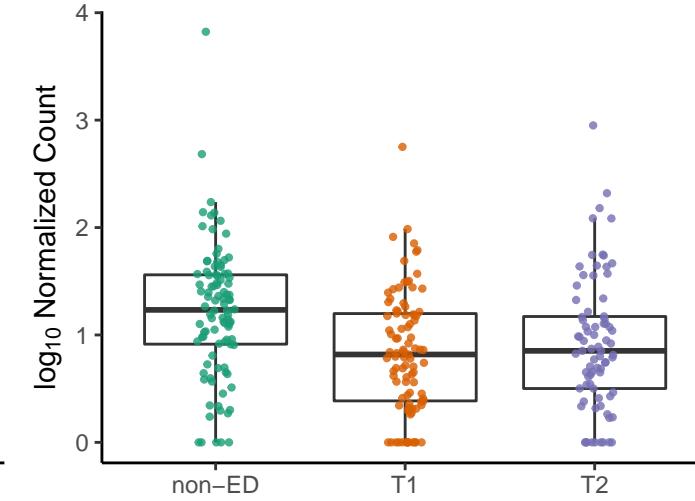
### Bergeyella cardium

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



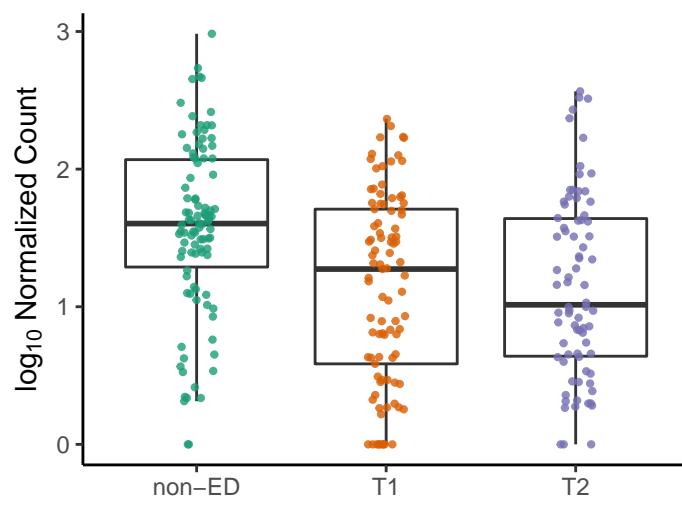
### Pseudomonas sp. TMW 2.1634

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



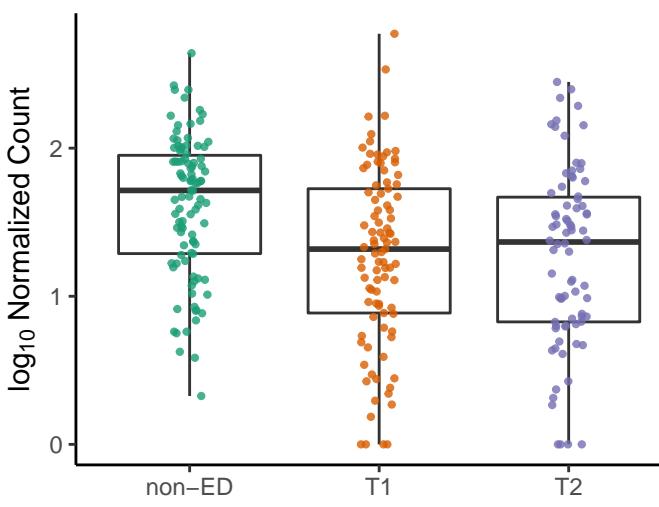
### *Streptomyces* sp. Tu6071

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



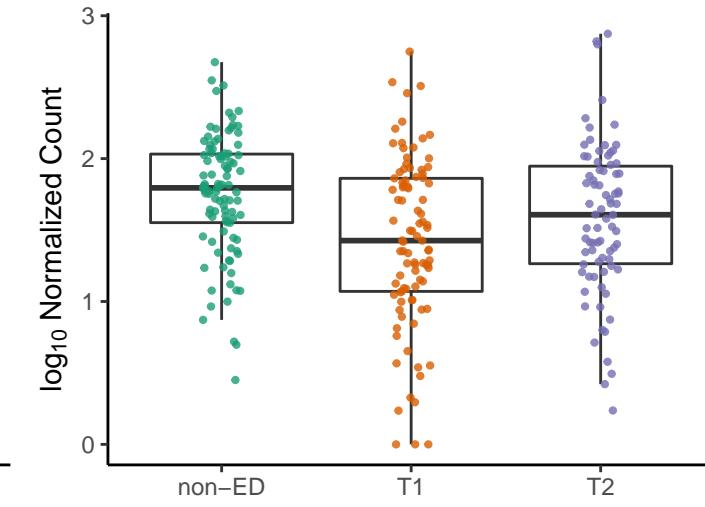
### *Plantactinospora* sp. BB1

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



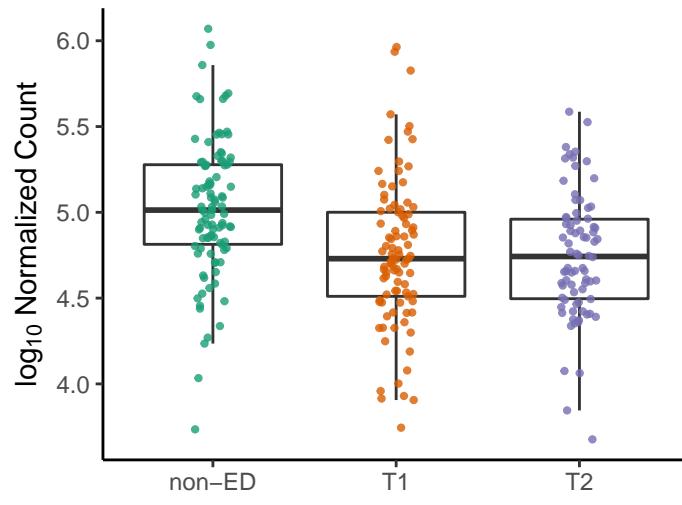
### *Dichelobacter* nodosus

non-ED vs. T1 adjusted  $p = 0.00073$   
 non-ED vs. T2 adjusted  $p = 0.076$   
 T1 vs. T2 adjusted  $p = 0.27$



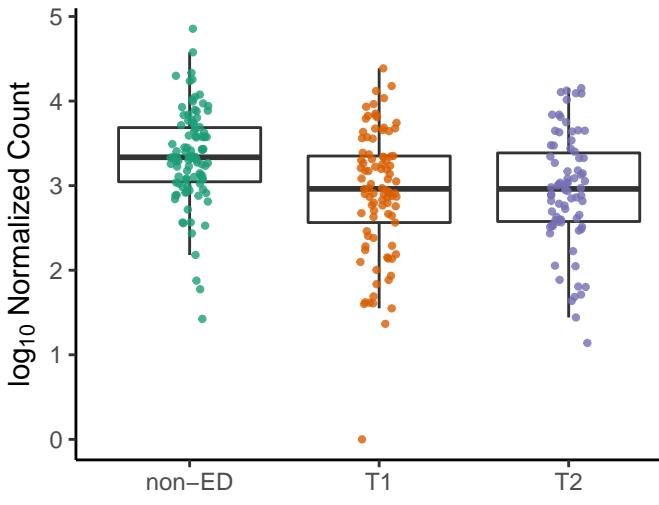
### Lachnospiraceae bacterium GAM79

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



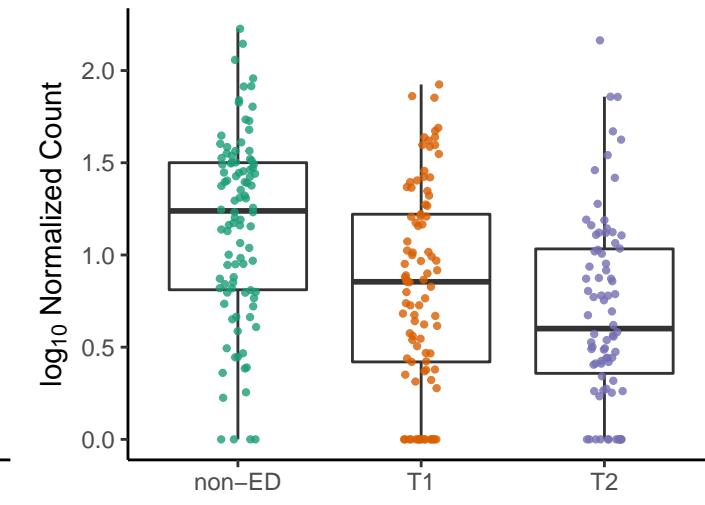
### Unclassified Coriobacteriales Order

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



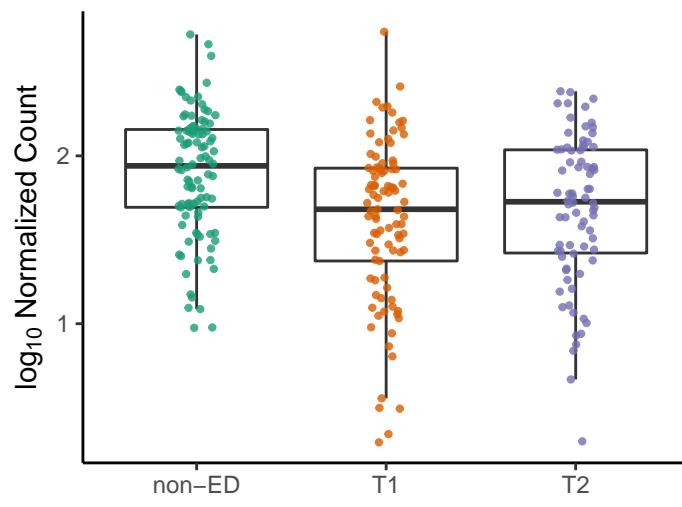
### *Pseudoalteromonas* agarivorans

non-ED vs. T1 adjusted  $p = 0.00078$   
 non-ED vs. T2 adjusted  $p = 8.5e-06$   
 T1 vs. T2 adjusted  $p = 0.61$



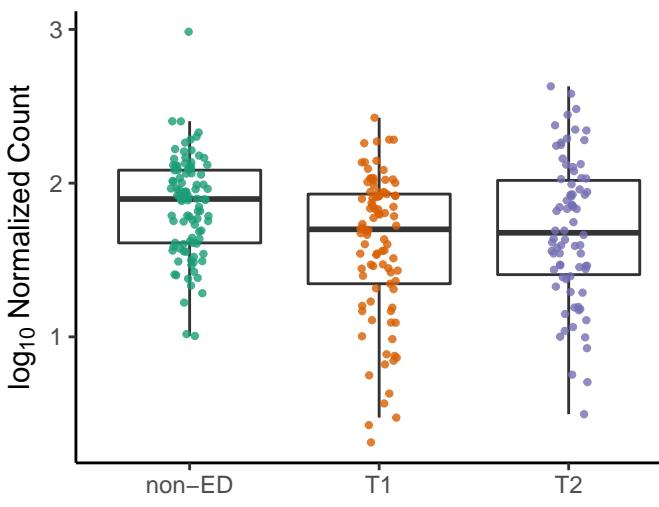
### *Streptomyces* sp. Mg1

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



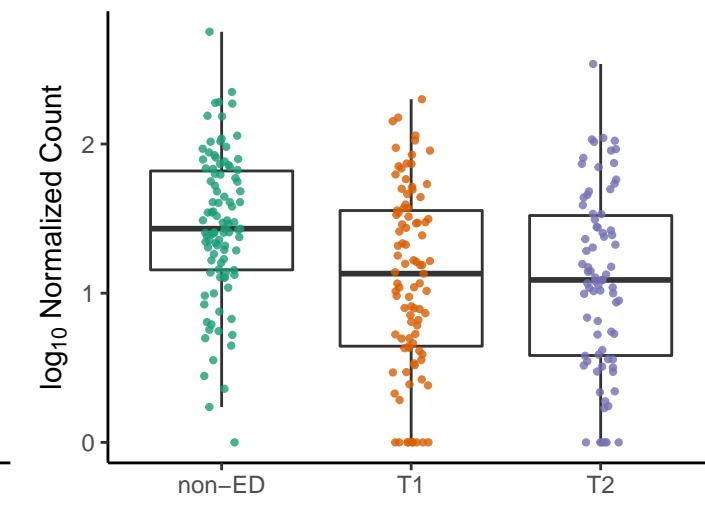
### *Pseudomonas* sp. 7SR1

non-ED vs. T1 adjusted  $p = 0.00082$   
 non-ED vs. T2 adjusted  $p = 0.041$   
 T1 vs. T2 adjusted  $p = 0.57$



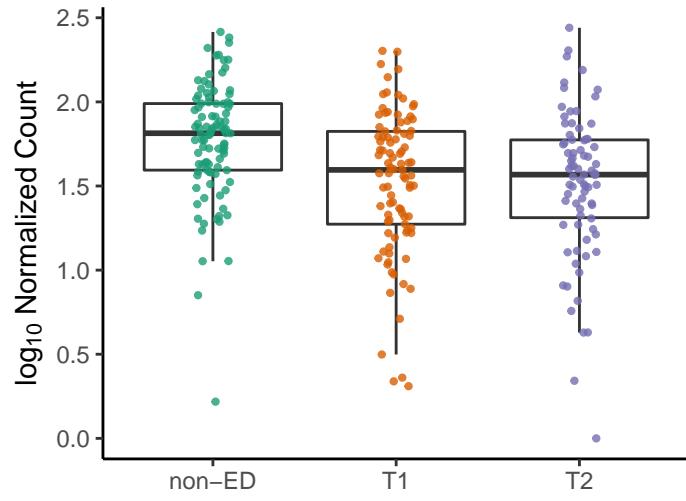
### Unclassified Ferroplasma Genus

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



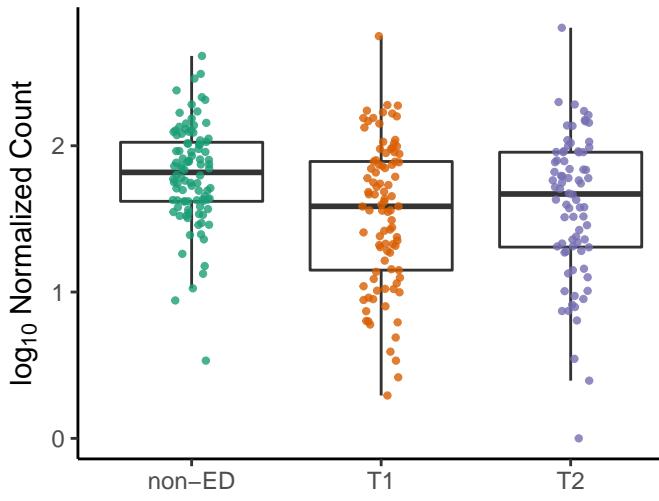
### *Vagococcus* sp. HDW17A

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



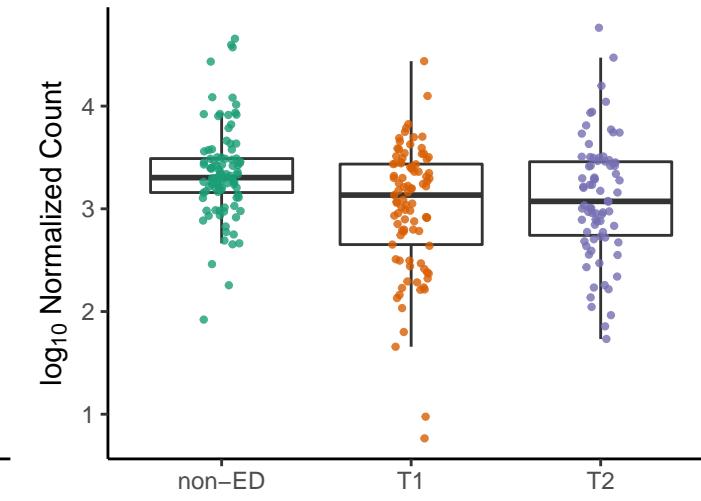
### *Corynebacterium mustelae*

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



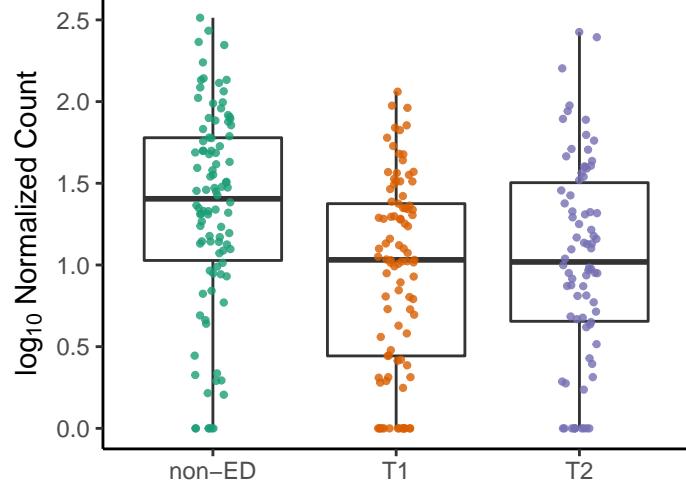
### *Olsenella* sp. GAM18

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



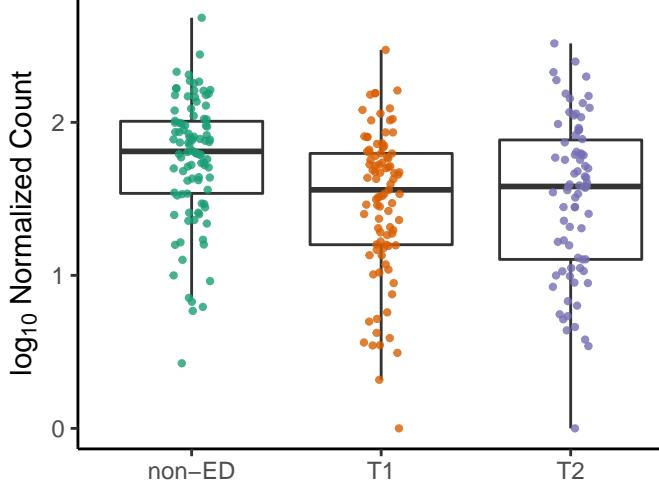
### *Pseudomonas* sp. DTU12.1

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



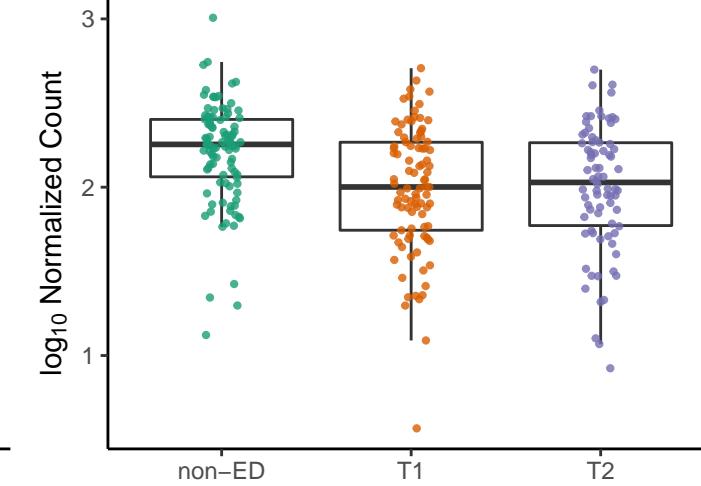
### *Marinobacter* sp. es.042

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



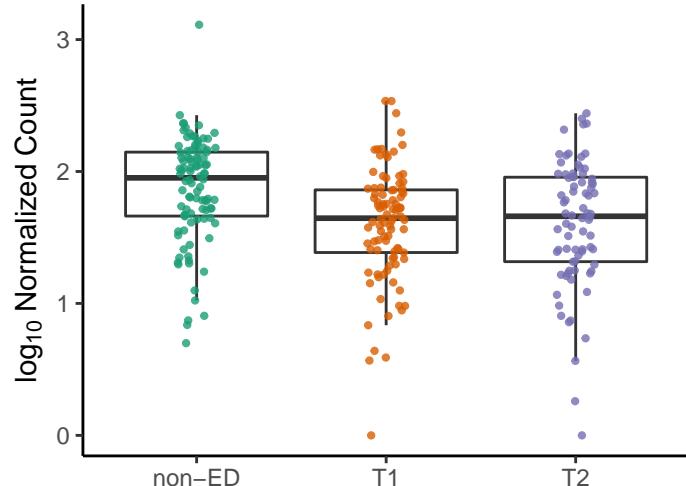
### Unclassified *Sulfurospirillum* Genus

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



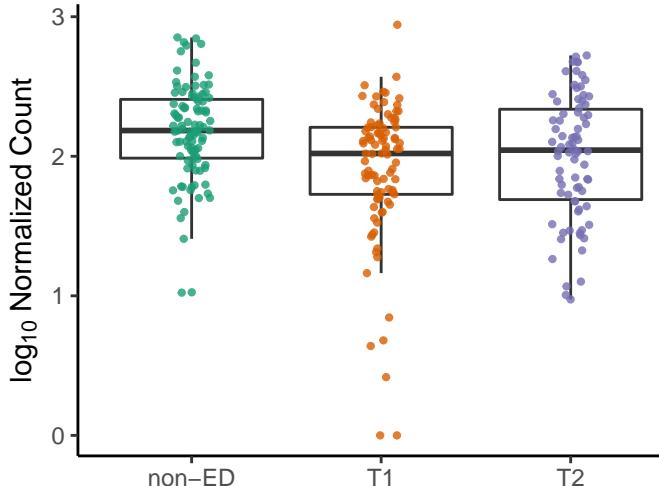
### *Pseudomonas asturiensis*

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



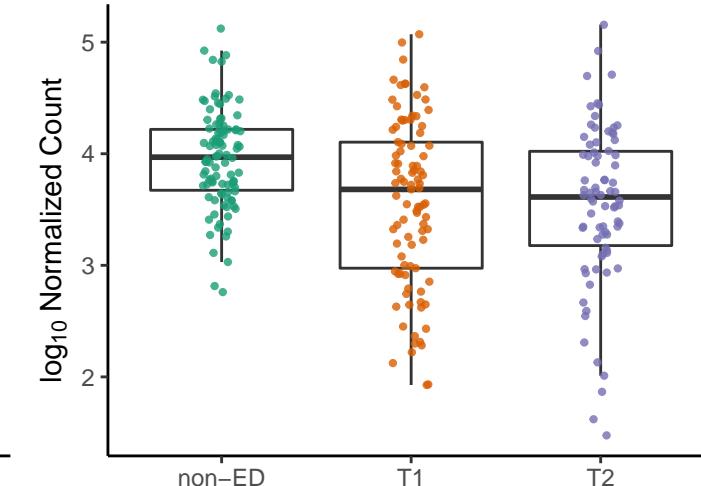
### *Bradyrhizobium guangdongense*

non-ED vs. T1 adjusted p = 0.00093  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.61



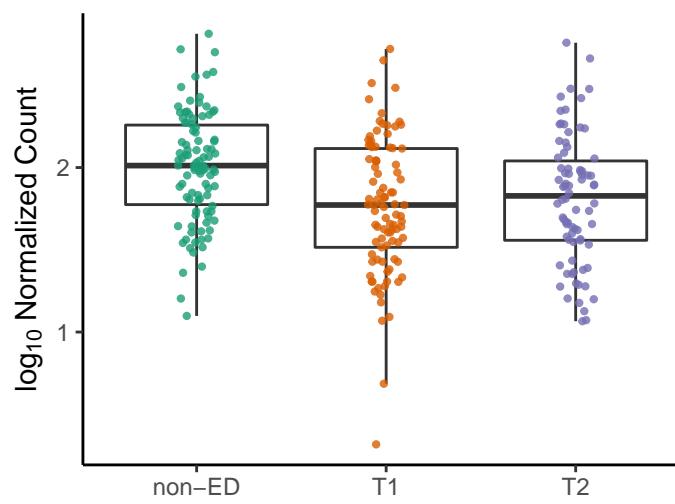
### *Schaalia odontolytica*

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



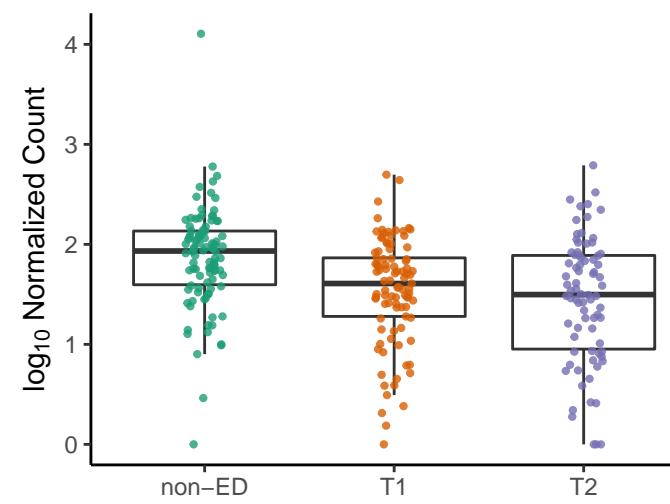
### Unclassified Alcaligenes Genus

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



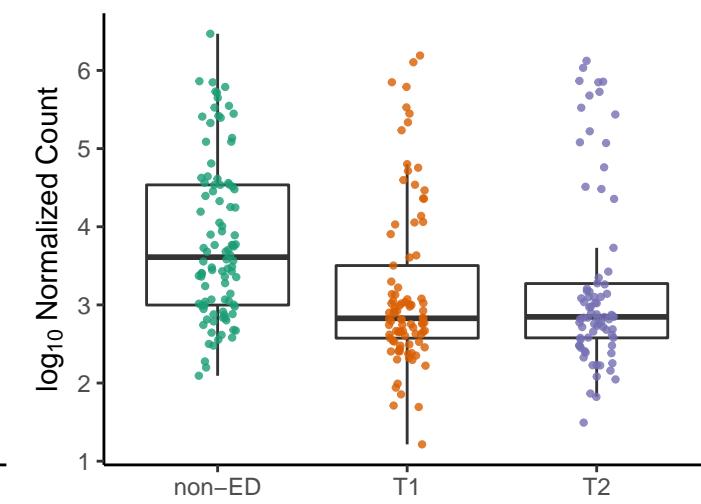
### *Pseudomonas lundensis*

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



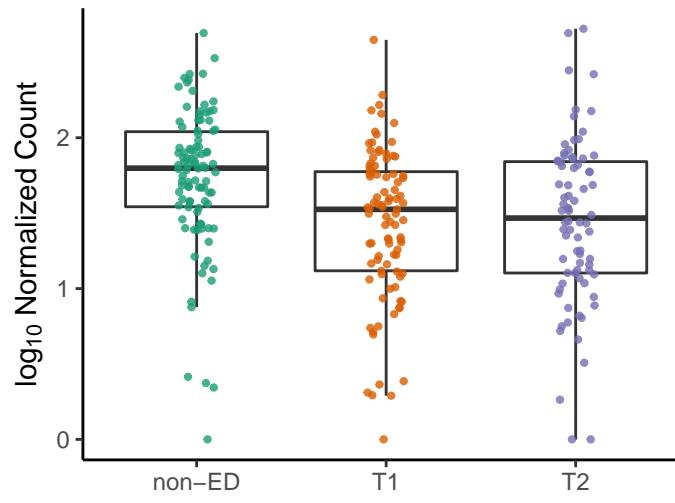
### *Bifidobacterium pseudocatenulatum*

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



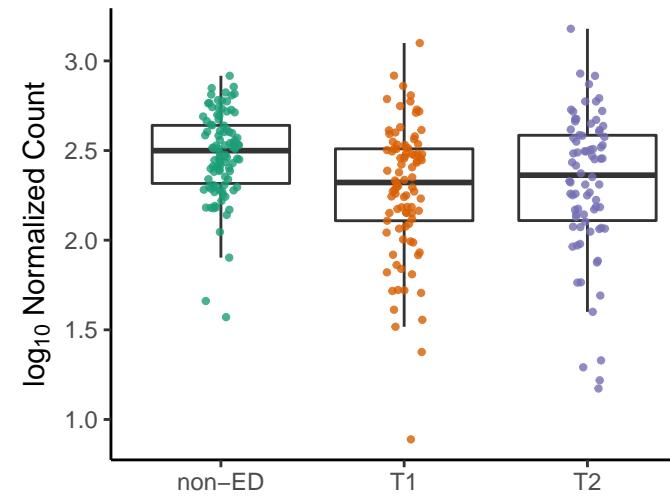
### *Glutamicibacter nicotianae*

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



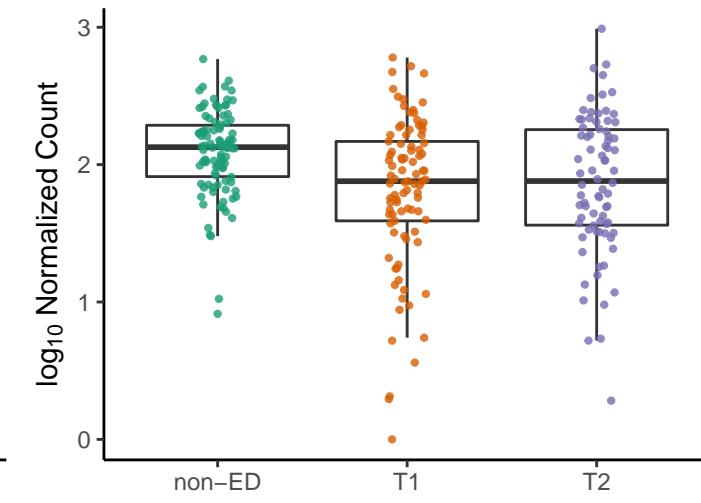
### *Bifidobacterium asteroides*

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



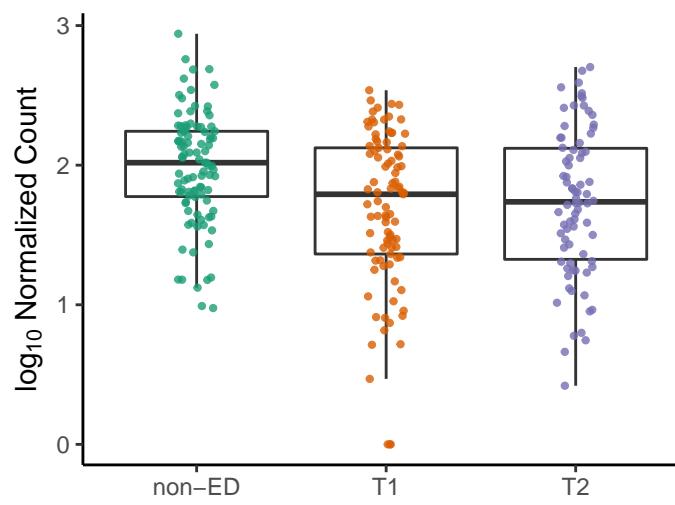
### *Azoarcus* sp. SY39

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



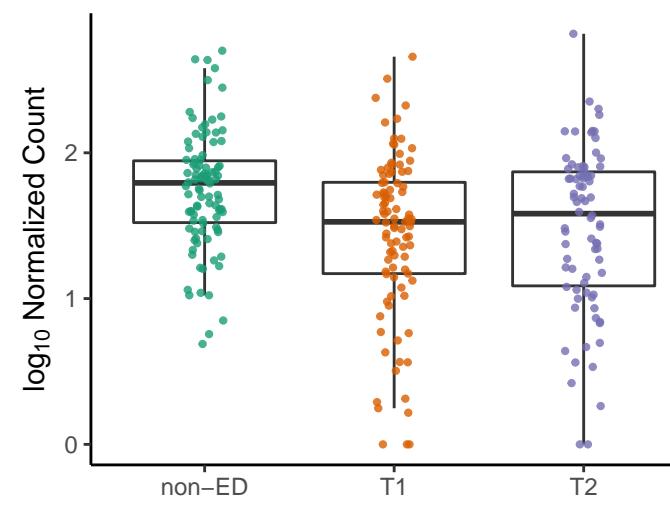
### *Brevundimonas mediterranea*

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



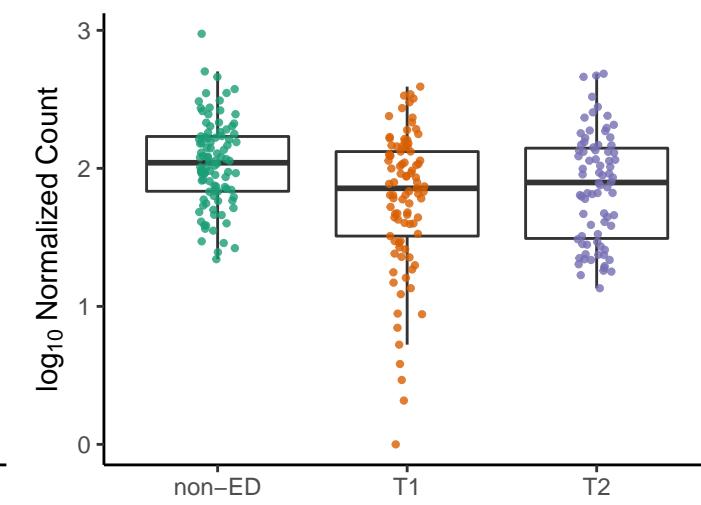
### *Burkholderia diffusa*

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



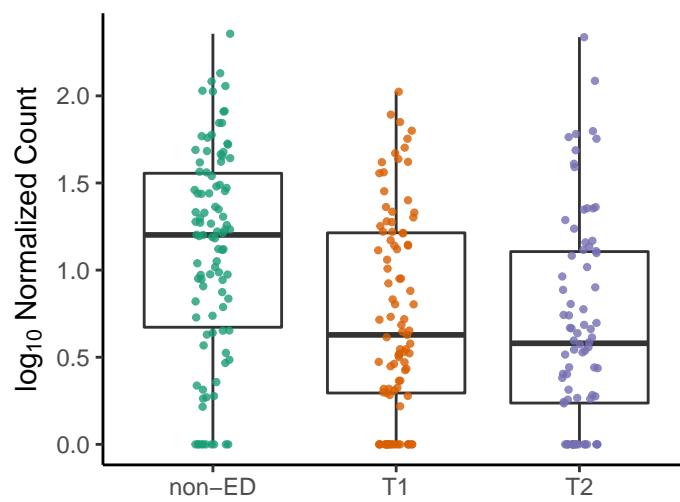
### *Paracoccus jeotgali*

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



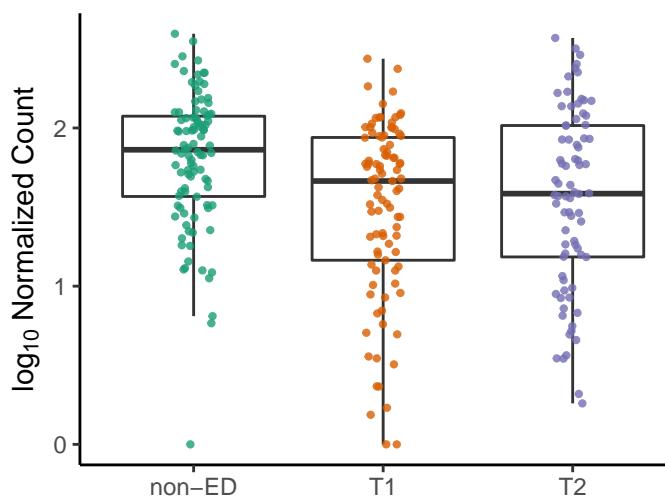
### *Serratia ficaria*

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



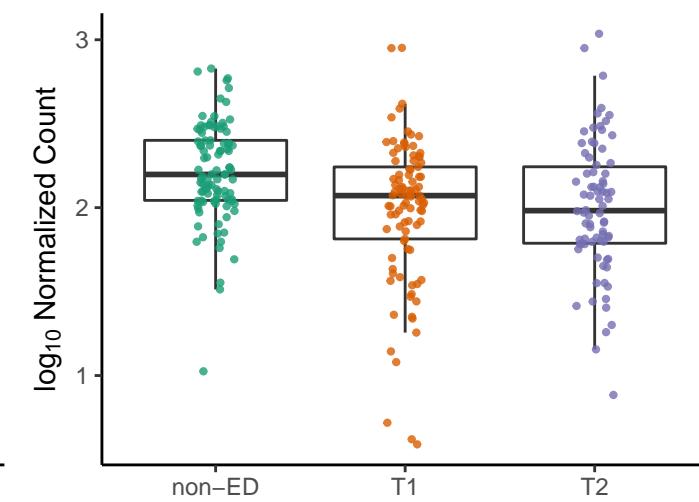
### *Burkholderia* sp. IDO3

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



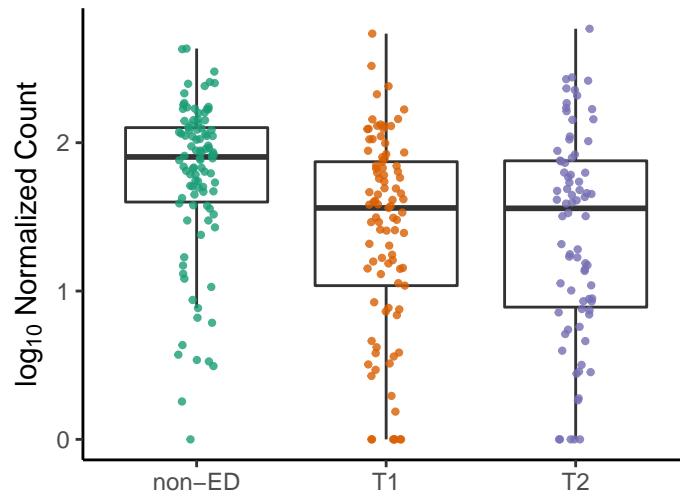
### *Corynebacterium ulcerans*

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



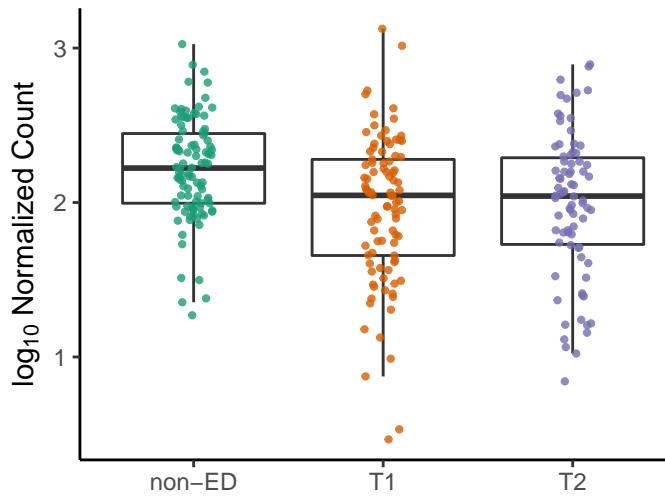
### *Pseudomonas* sp. R2A2

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



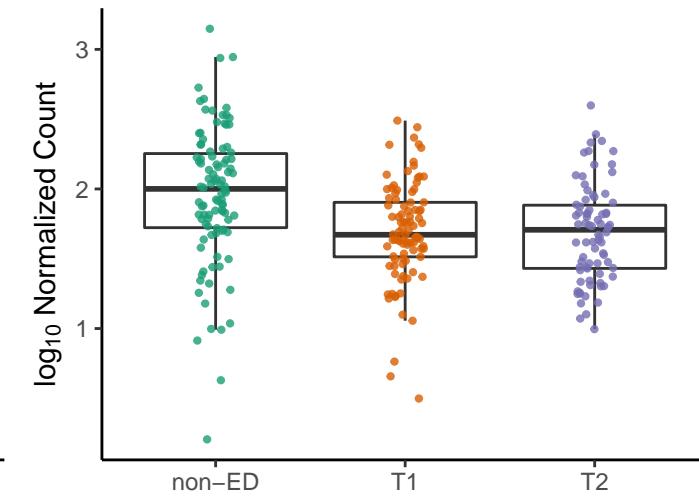
### *Thauera* sp. K11

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



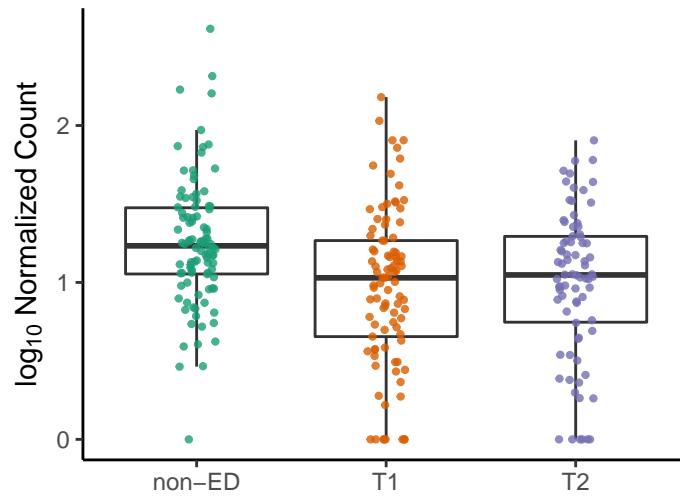
### *Aerococcus urinaehominis*

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



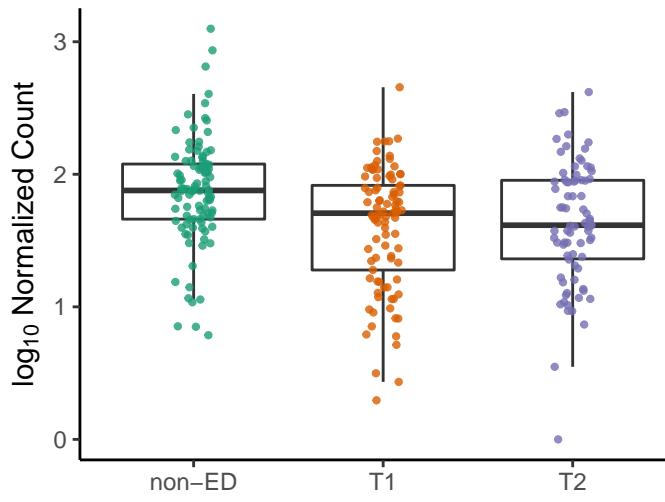
### *Labrenzia aggregata*

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



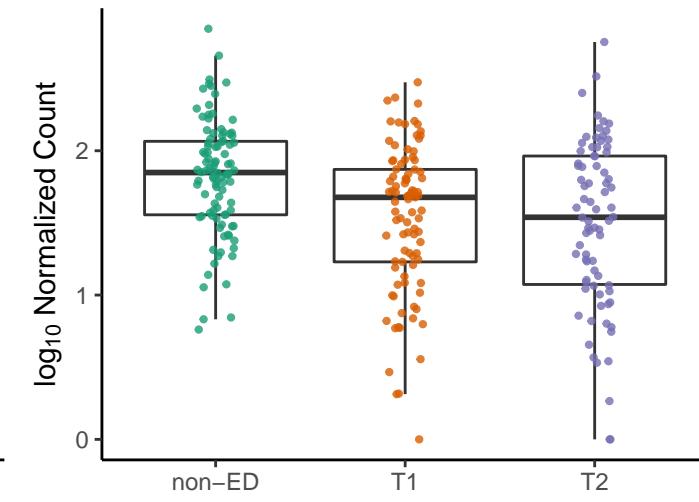
### *Pseudomonas* sp. R5-89-07

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



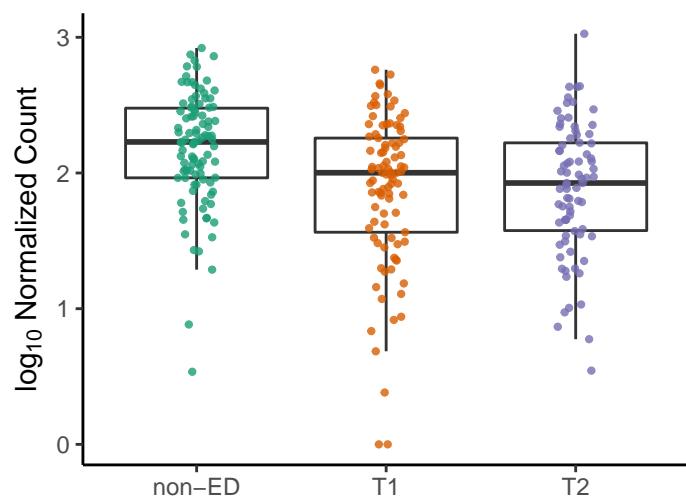
### Unclassified *Gluconobacter* Genus

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



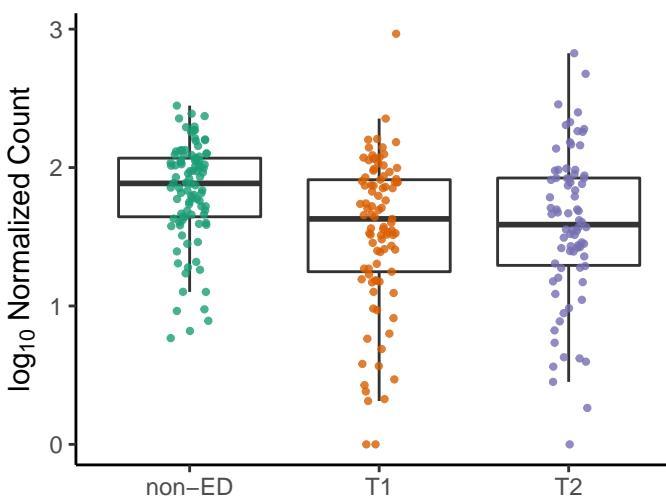
### Pseudorhodoplanes sinuspersici

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



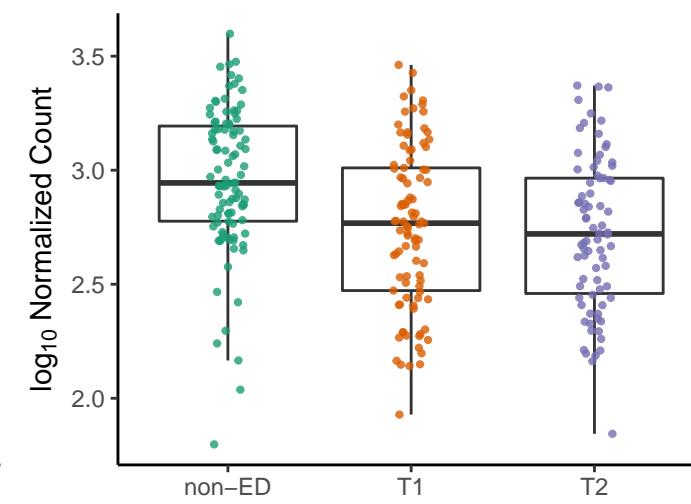
### Streptomyces sp. HF10

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



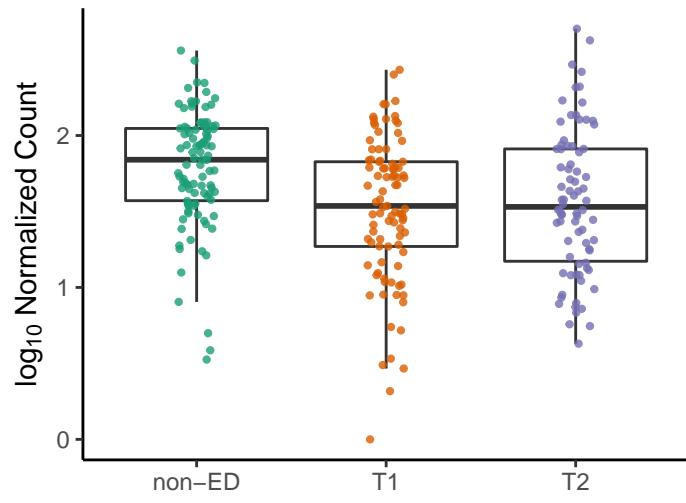
### Unclassified Clostridiaceae Family

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



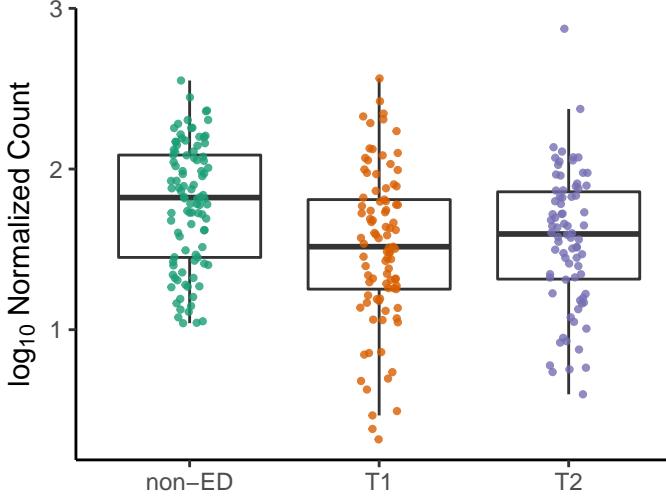
### Unclassified Natrialbaceae Family

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



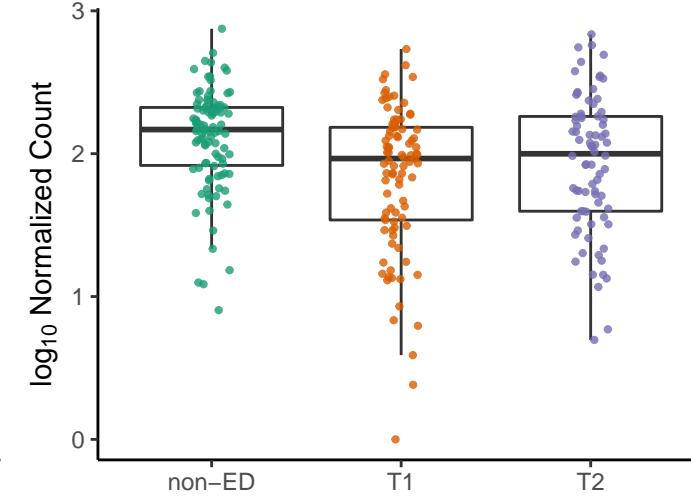
### Corynebacterium kroppenstedtii

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



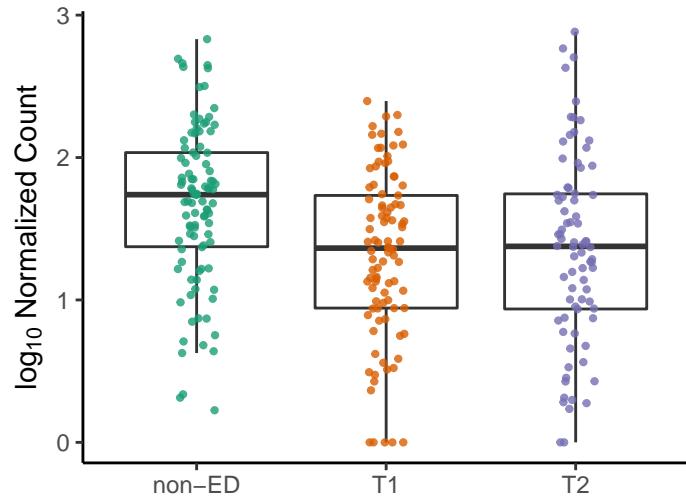
### Magnetospirillum sp. XM-1

non-ED vs. T1 adjusted p = 0.0013  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.47



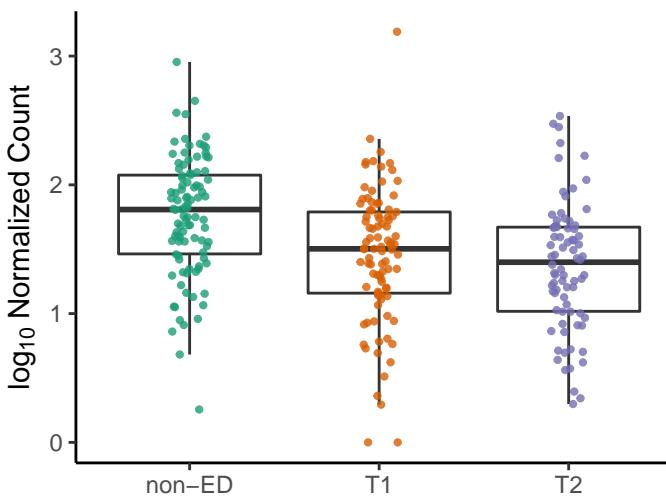
### Burkholderia sp. LA-2-3-30-S1-D2

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



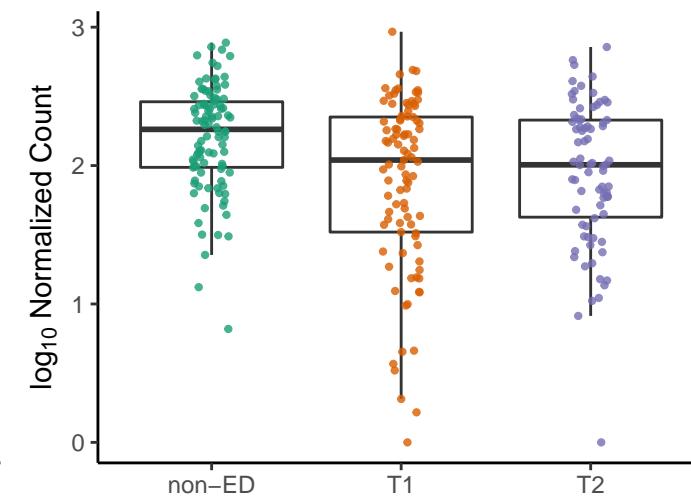
### Pseudomonas coronafaciens

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



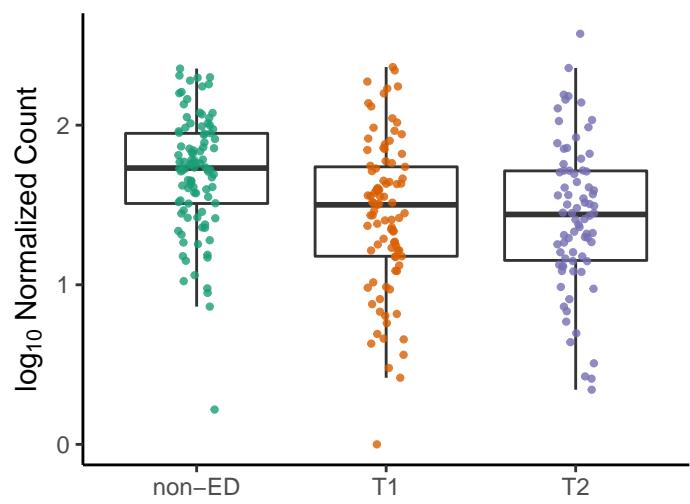
### Kocuria rosea

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



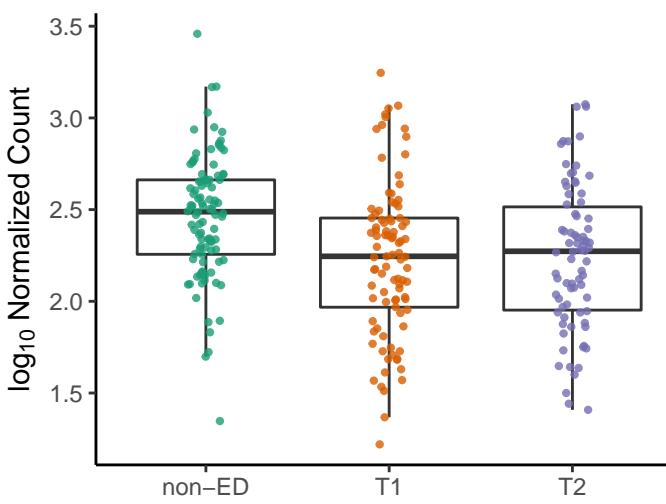
### *Actinobacillus porcitonsillarum*

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



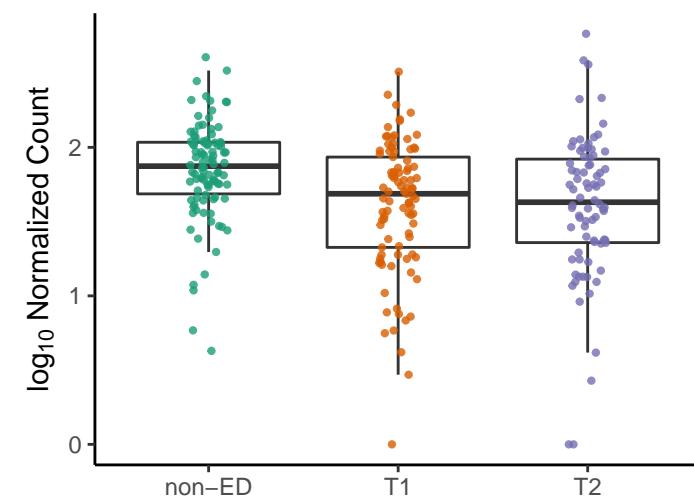
### Unclassified Mycoplasma Genus

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.003  
 T1 vs. T2 adjusted p = 1



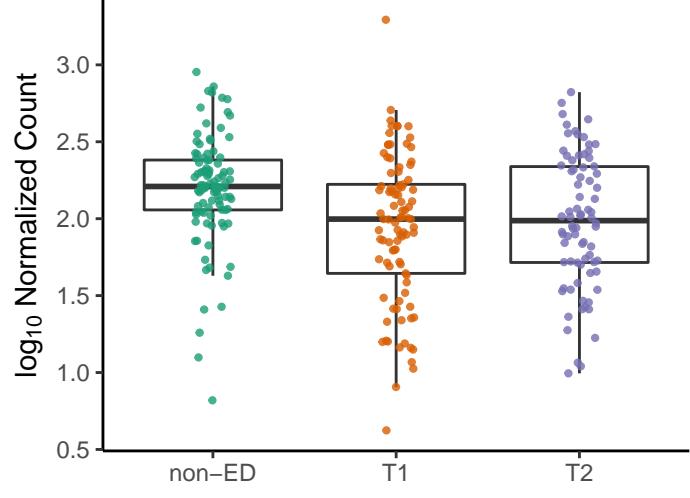
### *Nitrosomonas europaea*

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



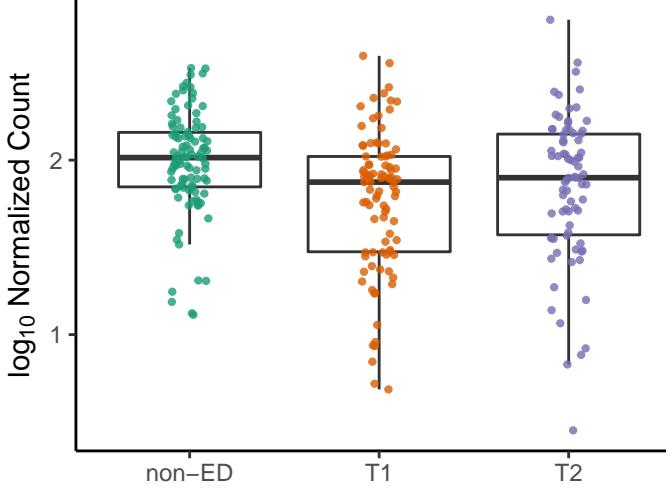
### *Mesorhizobium amorphae*

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



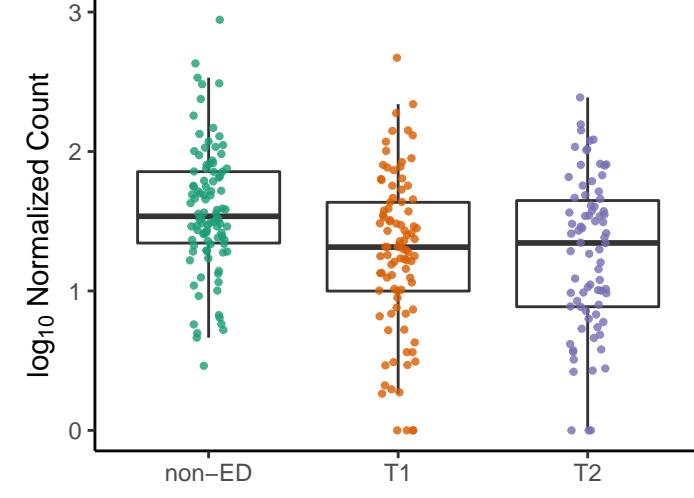
### *Kushneria* sp. YCWA18

non-ED vs. T1 adjusted p = 0.0013  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.63



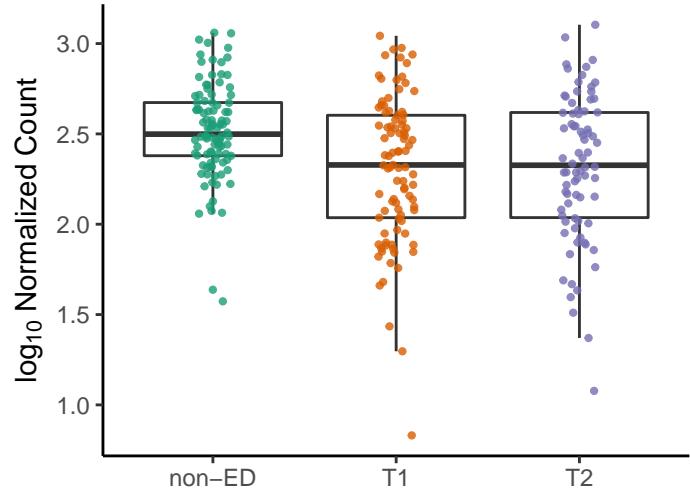
### Unclassified Collimonas Genus

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



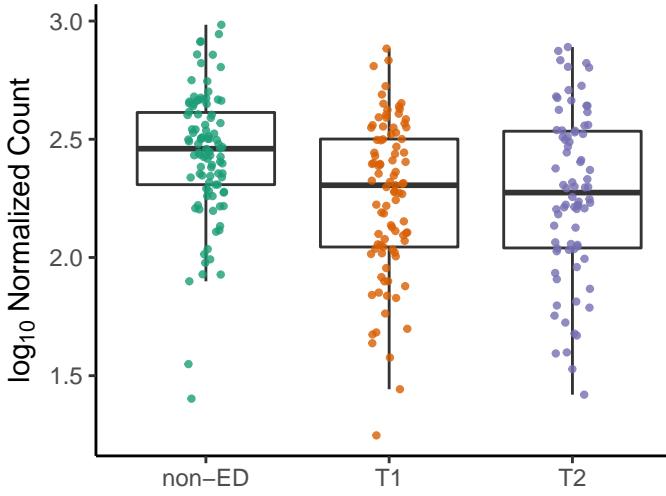
### *Terriglobus roseus*

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



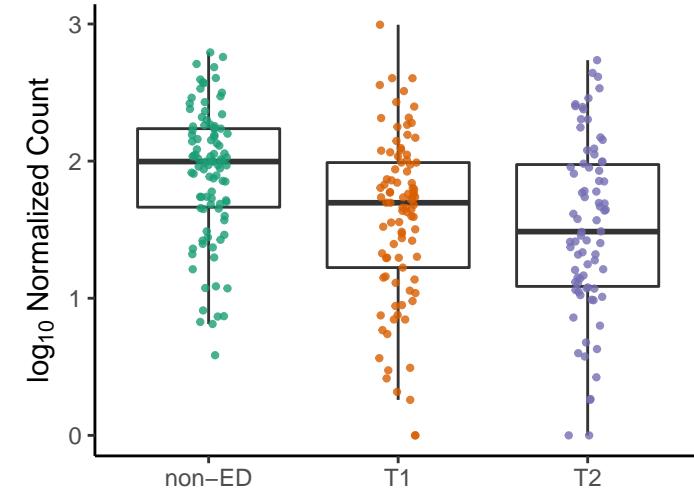
### Unclassified Yersinia Genus

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



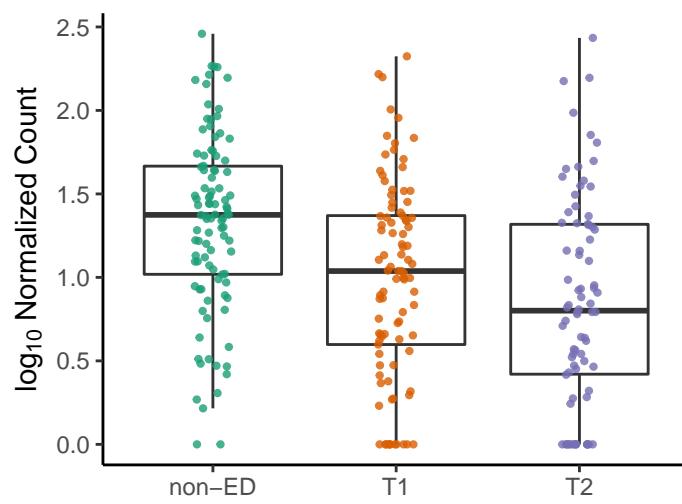
### *Halobacterium hubiense*

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



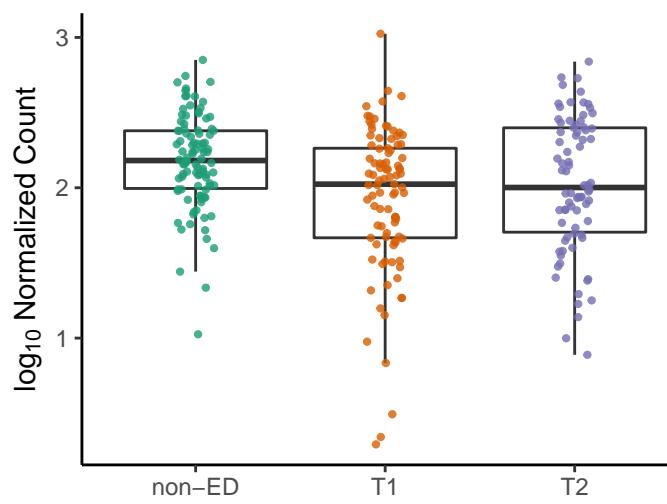
### *Aeromonas* sp. ASNIH5

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



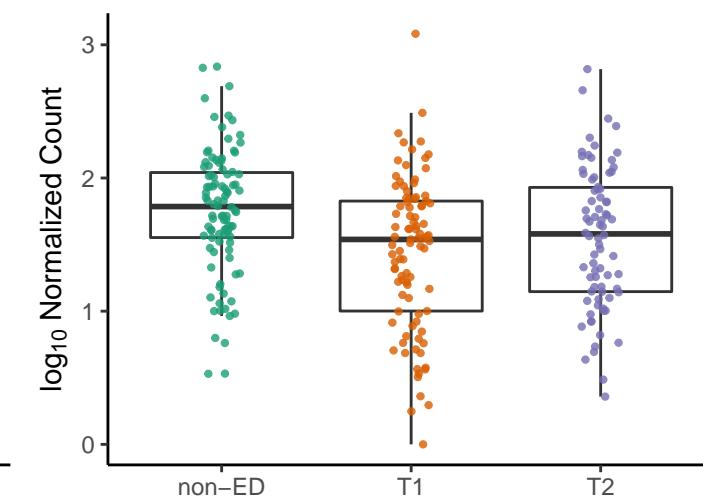
### *Marmoricola scoriae*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.61



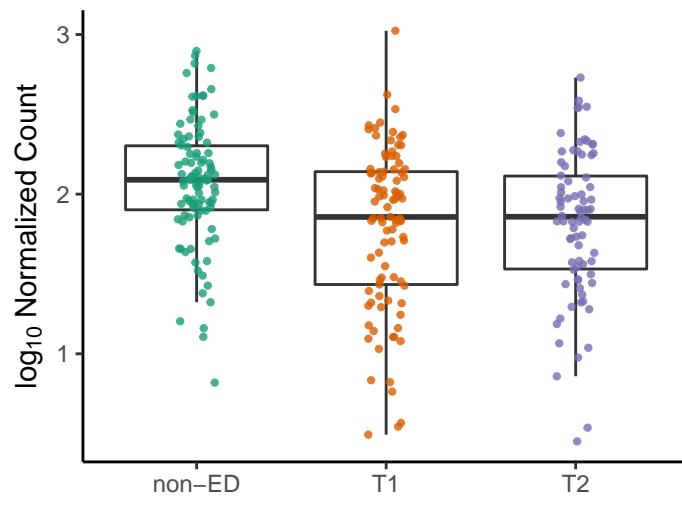
### *Natronococcus occultus*

non-ED vs. T1 adjusted p = 0.0015  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.45



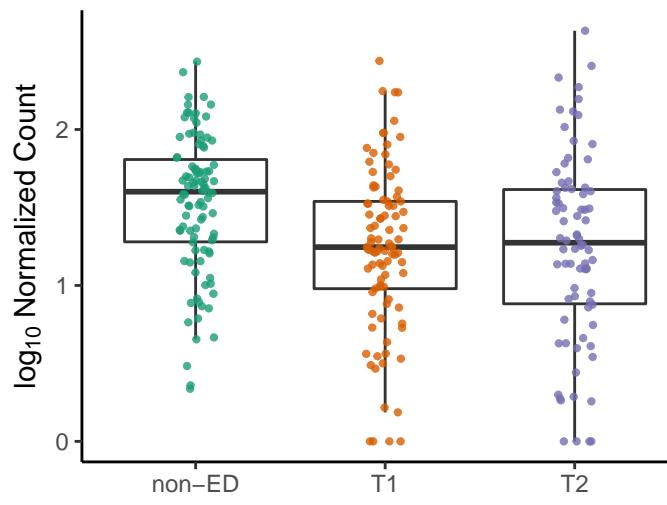
### *Paracoccus denitrificans*

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



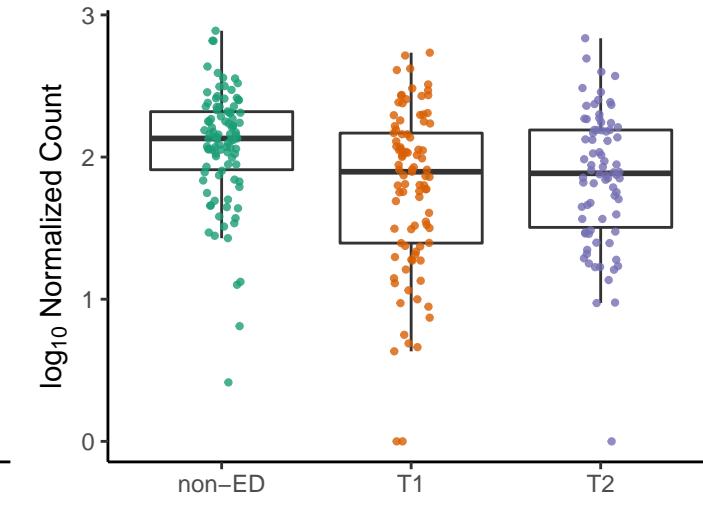
### *Halomonas* sp. PA16-9

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



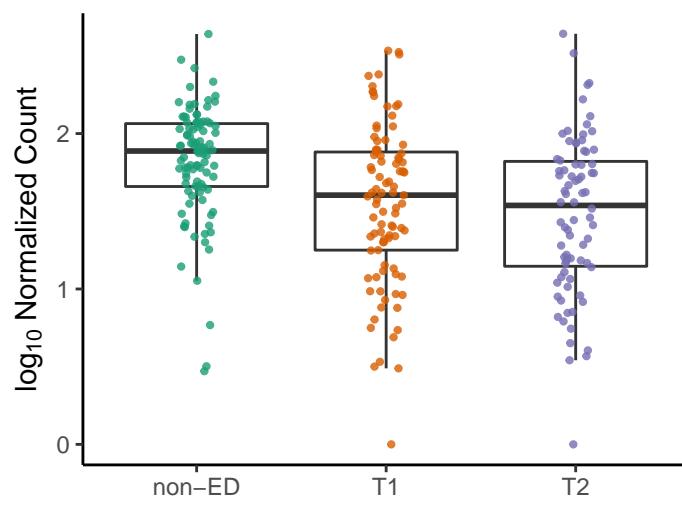
### *Mycobacterium phlei*

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



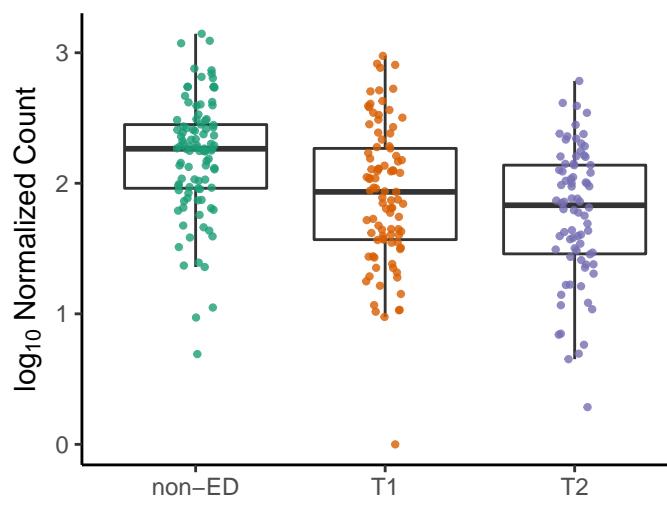
### *Arcobacter ellisii*

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



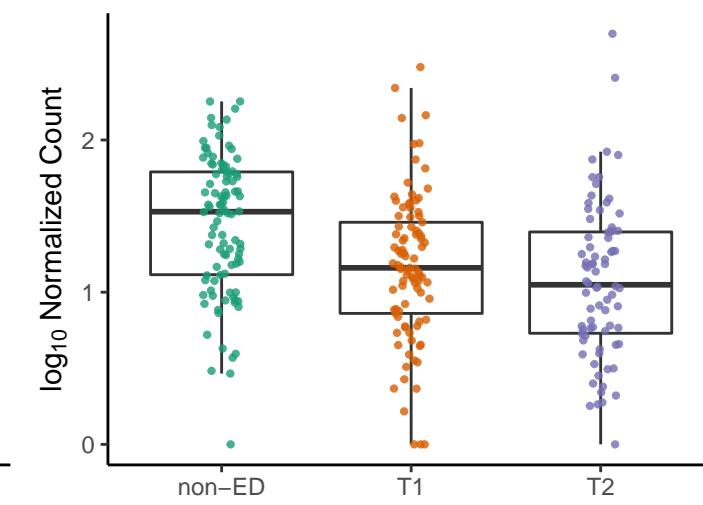
### *Gemella haemolysans*

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



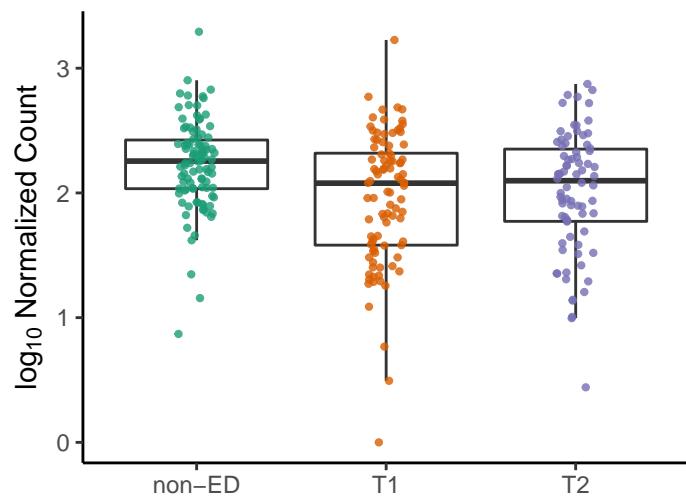
### *Taylorella asinigenitalis*

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



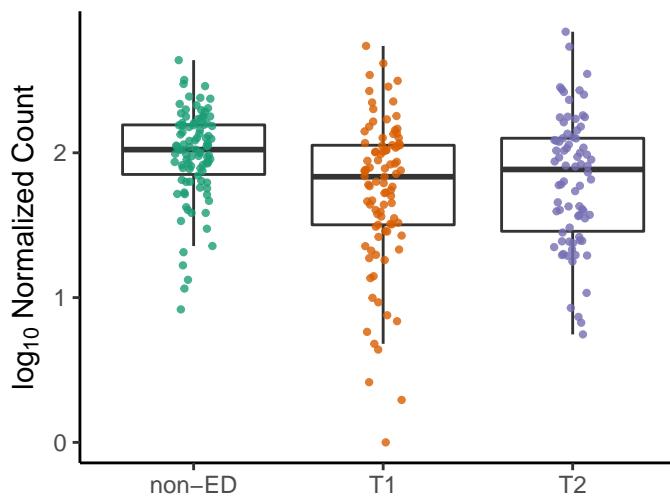
### *Phreatobacter cathodiphilus*

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



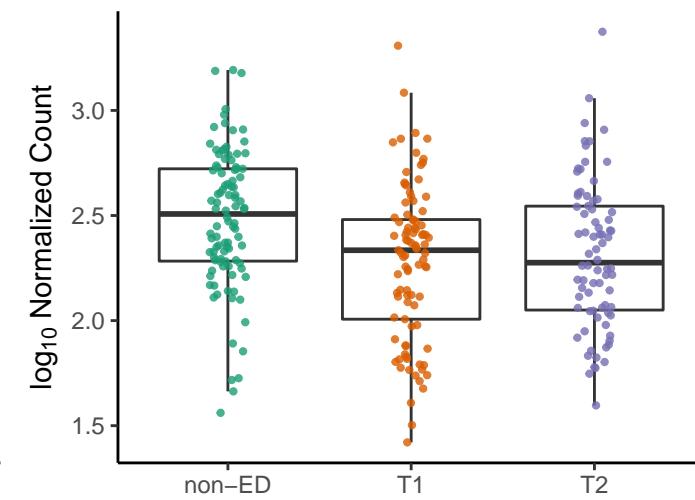
### *Thiobacillus denitrificans*

non-ED vs. T1 adjusted p = 0.0017  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.67



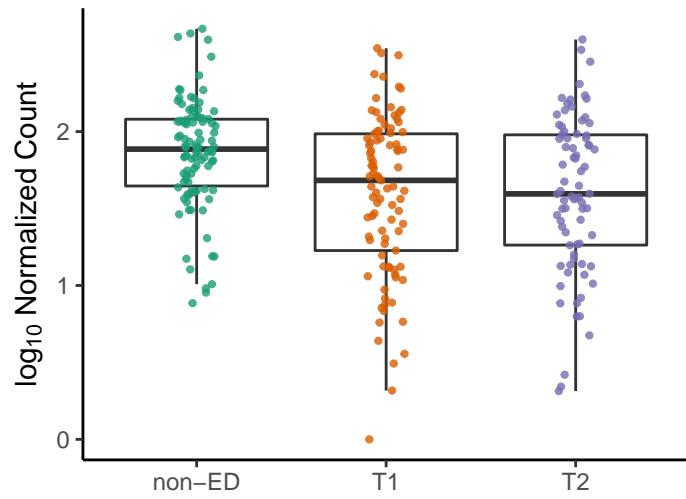
### *Heliolestis convoluta*

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



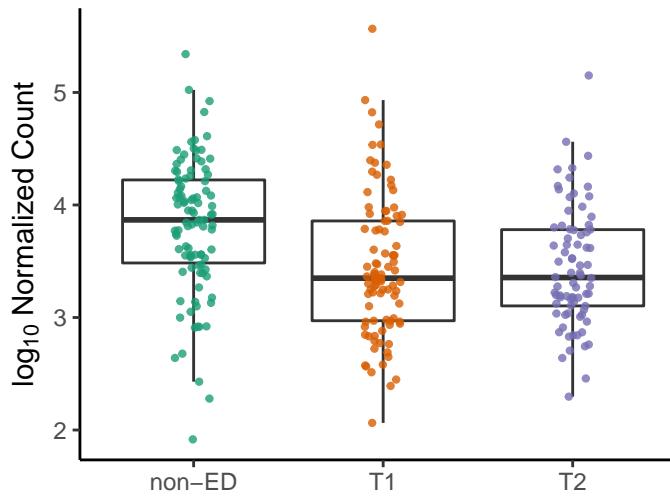
### *Rhodococcus coprophilus*

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



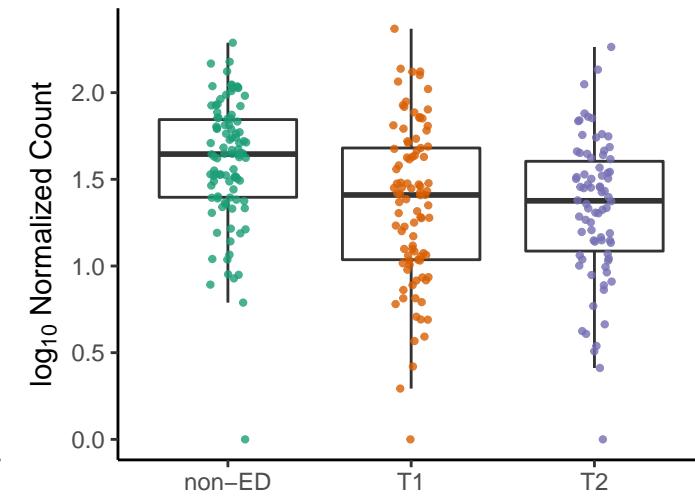
### *Ruminococcus sp. JE7A12*

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



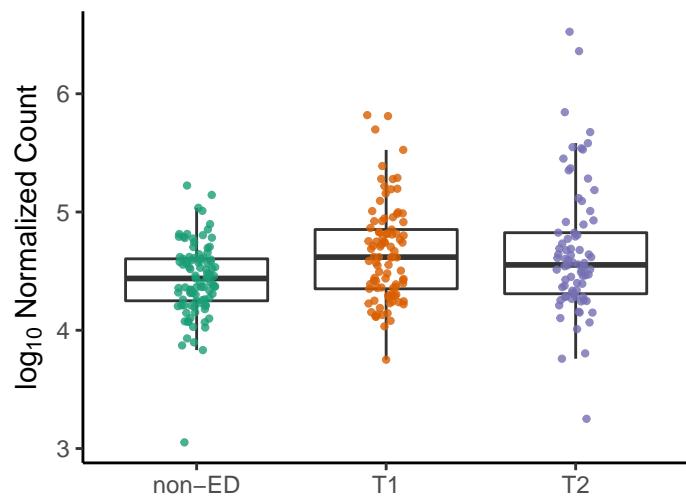
### Unclassified Staphylococcaceae Family

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



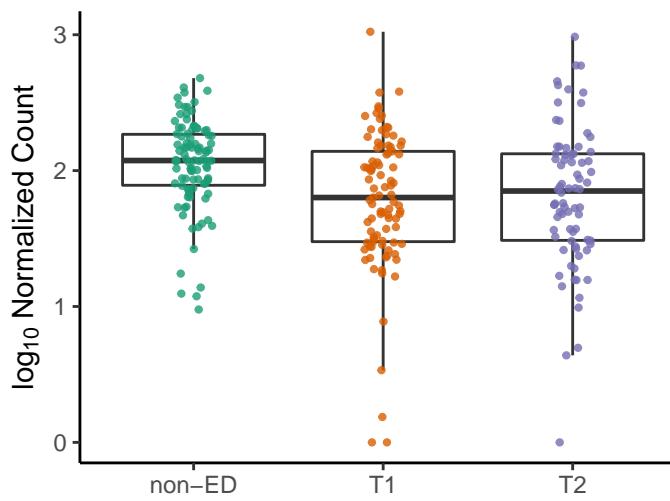
### *Blautia producta*

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



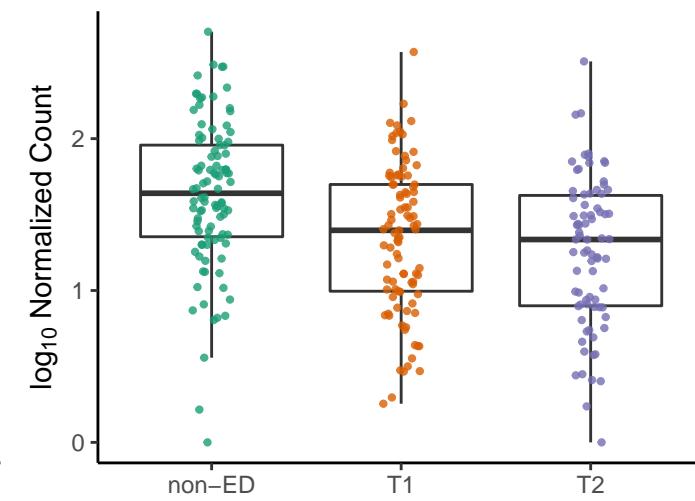
### *Paracoccus sp. AK26*

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



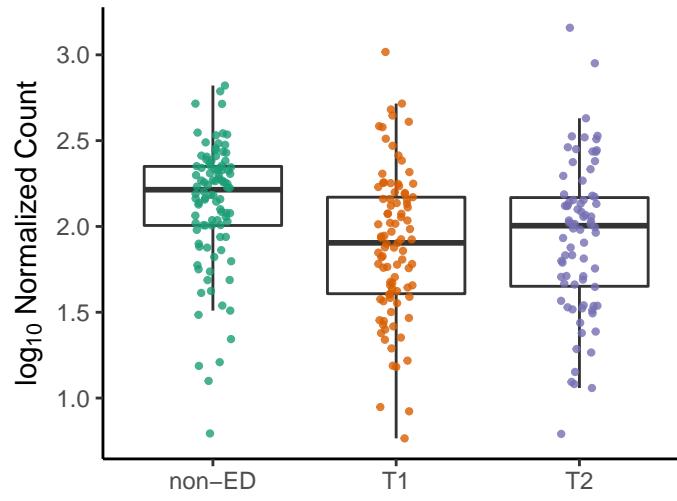
### *Spiroplasma corruscae*

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



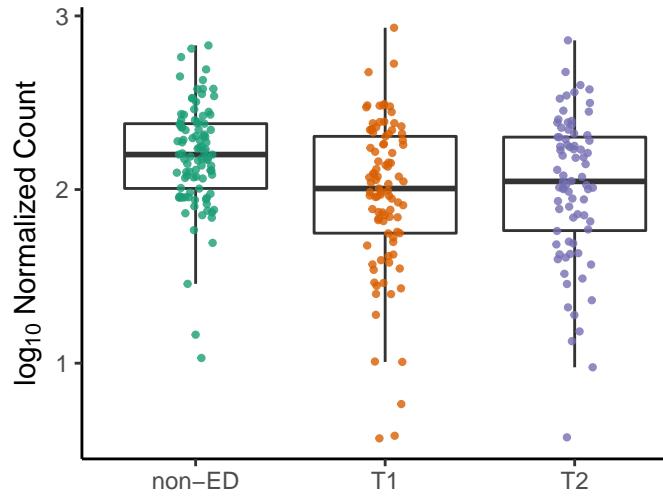
### *Ignavibacterium album*

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



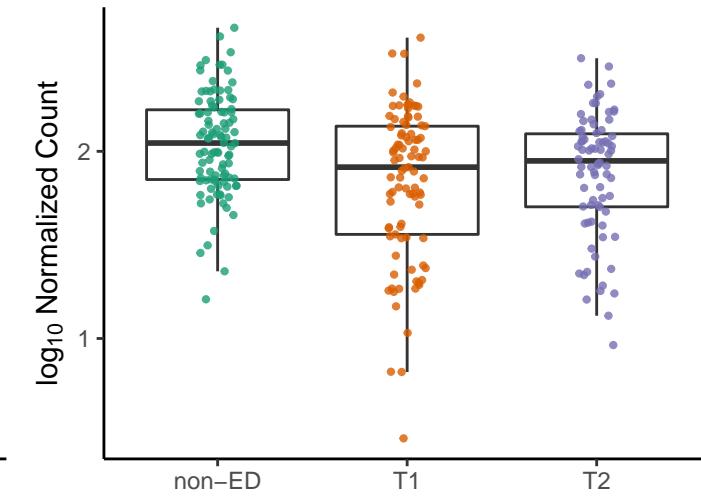
### *Chitinimonas sp. R3-44*

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



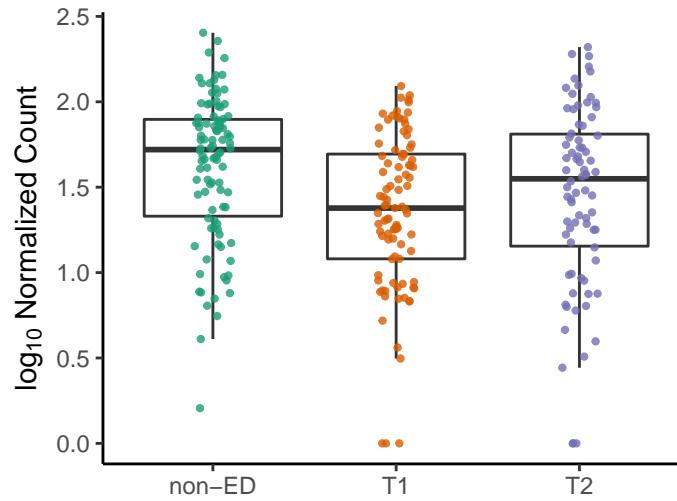
### *Ensifer alkalisoli*

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



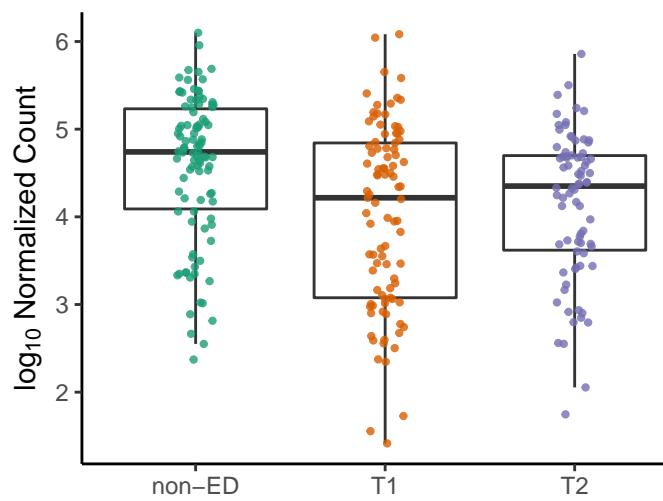
### *Tatlockia micdadei*

non-ED vs. T1 adjusted p = 0.0018  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.76



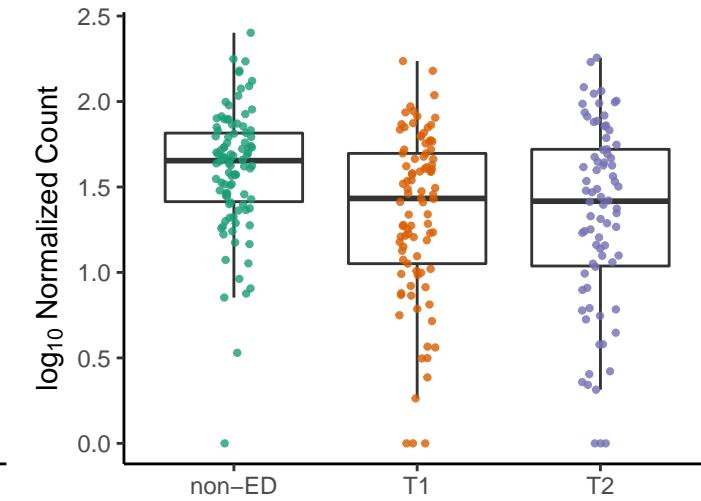
### *Adlercreutzia equolifaciens*

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



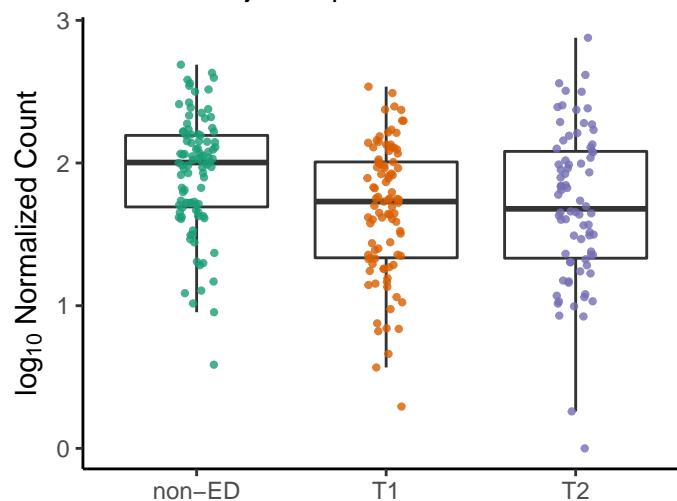
### *Planctomycetes bacterium Pan258*

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



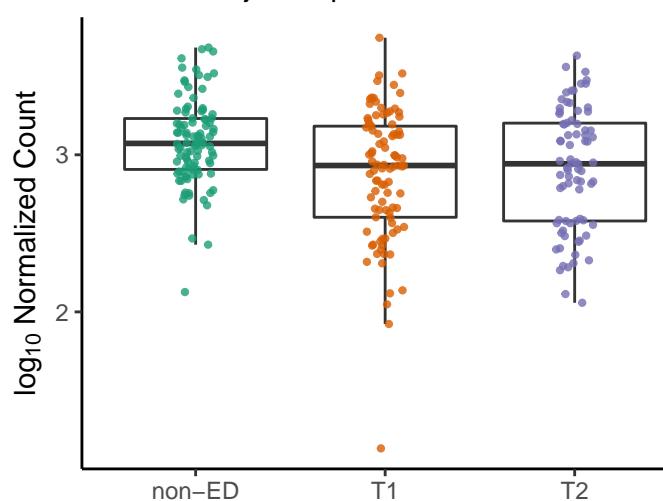
### *Corynebacterium imitans*

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



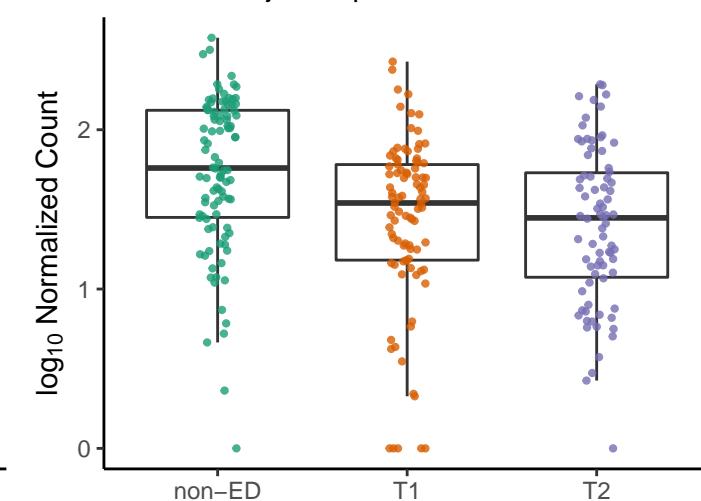
### Unclassified *Corynebacterium* Genus

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



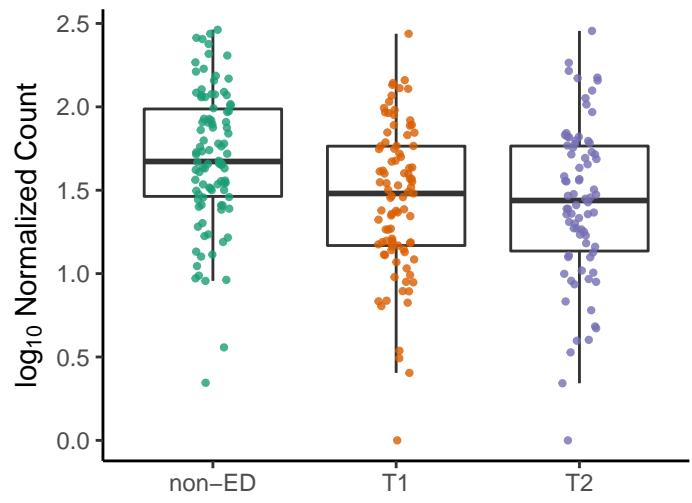
### Unclassified Desulfobacteraceae Family

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



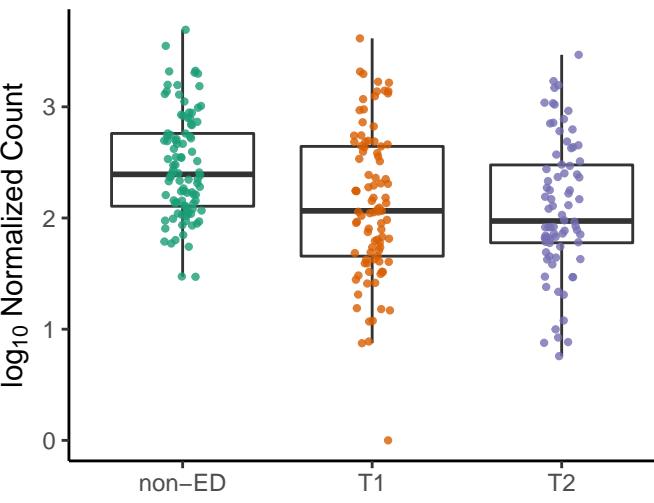
### *Sulfurimonas autotrophica*

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



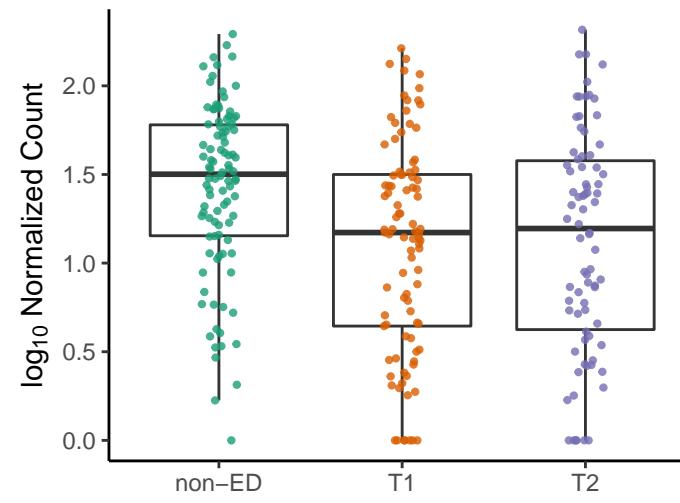
### *Burkholderiales bacterium YL45*

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



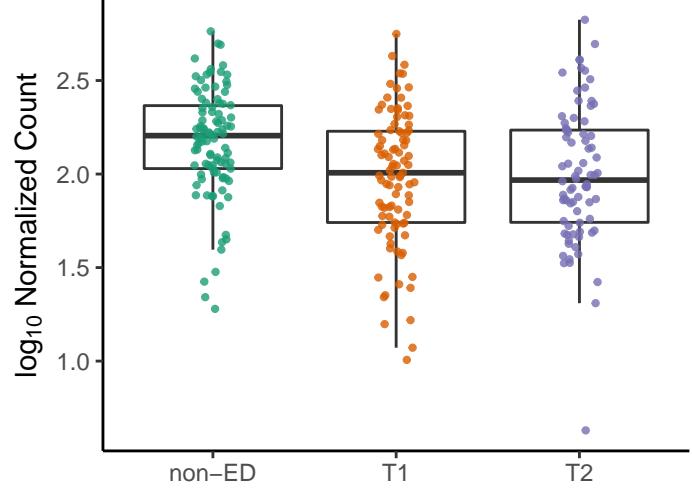
### *Aeromonas sp. ASNIH4*

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



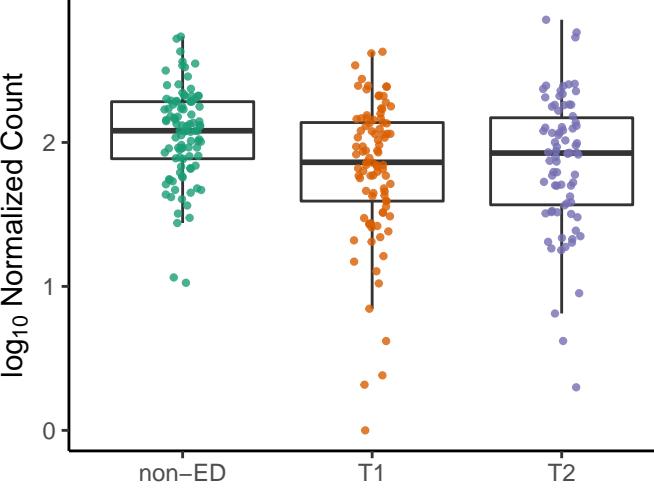
### *Aerococcus sanguinicola*

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



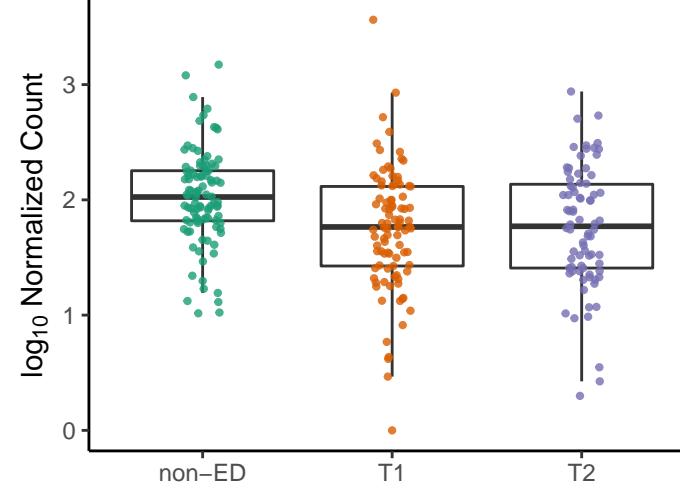
### *Corynebacterium halotolerans*

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



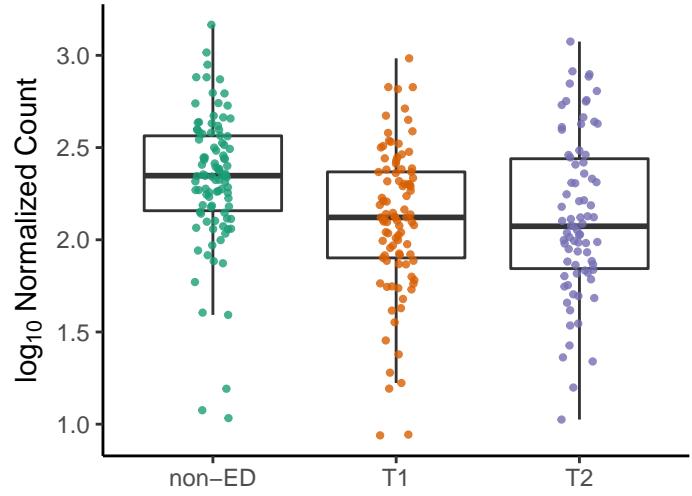
### *Gordonia terrae*

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



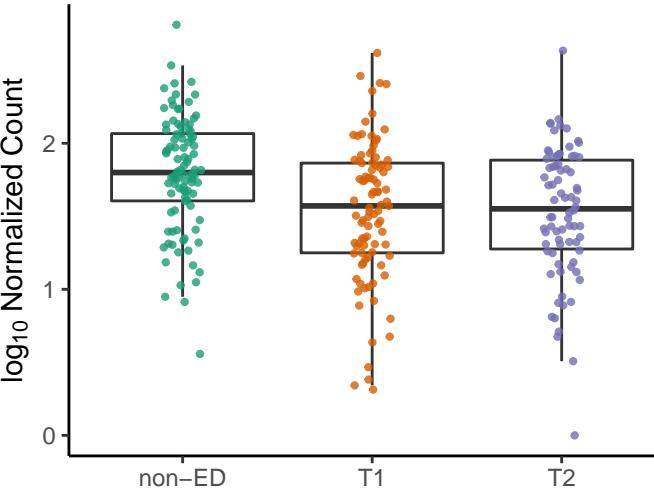
### *Leptotrichia trevisanii*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.92



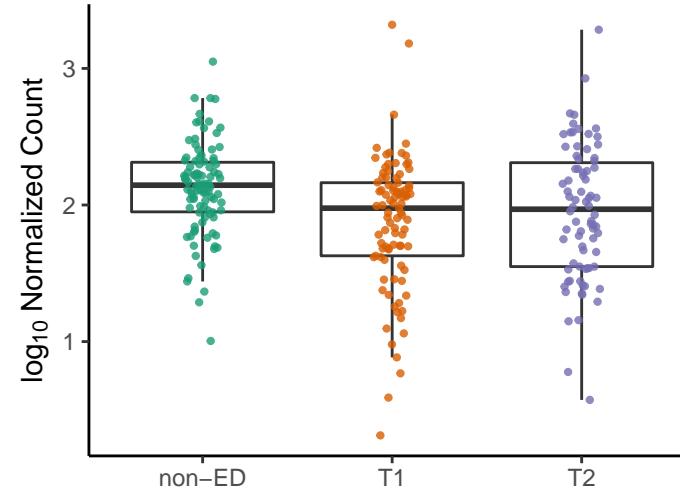
### *Pseudomonas sp. M30-35*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 1

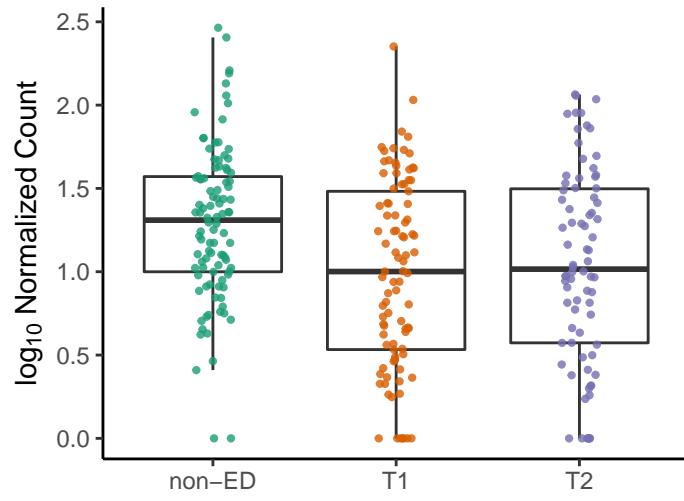


### *Xanthomonas citri*

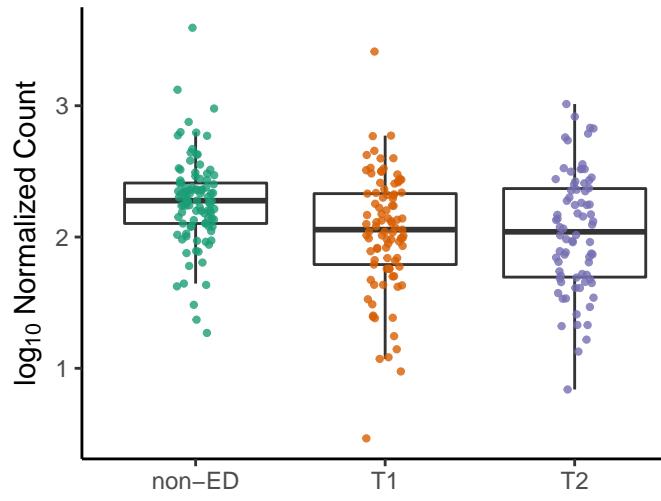
non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.61



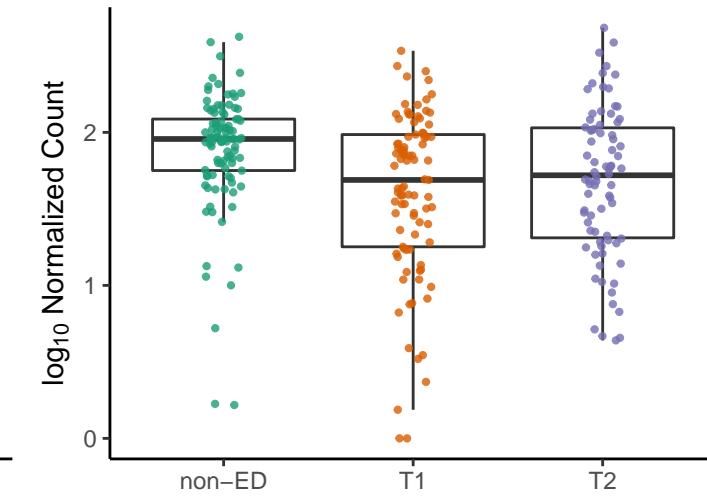
**Unclassified Anaplasma Genus**  
 non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.7



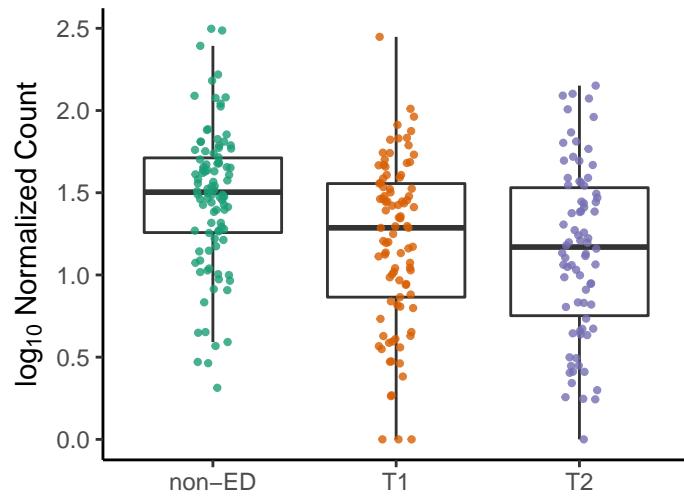
**Orrella dioscoreae**  
 non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.8



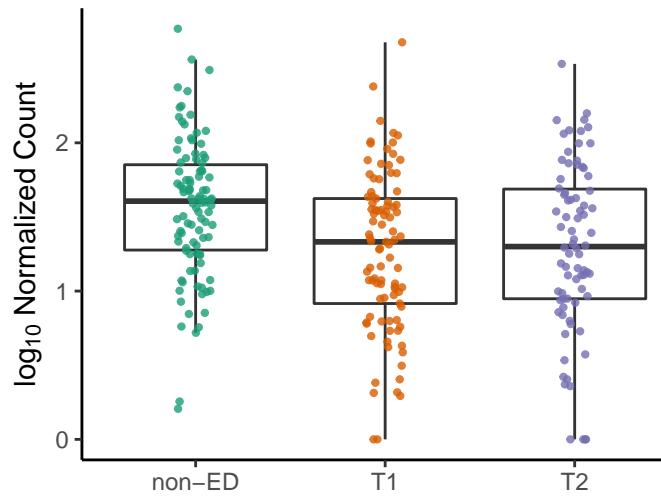
**Unclassified Chlorobiaceae Family**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.63



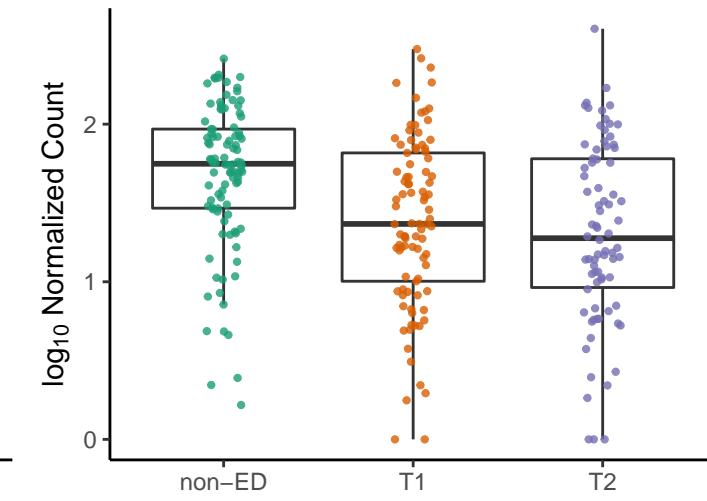
**Candidatus Pantoea carbekii**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.00084  
 T1 vs. T2 adjusted p = 0.86



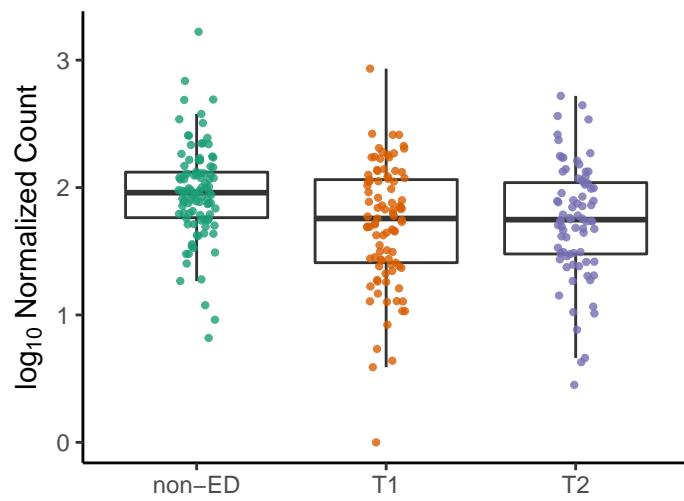
**Pseudarthrobacter sp. NIBRBAC000502**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.8



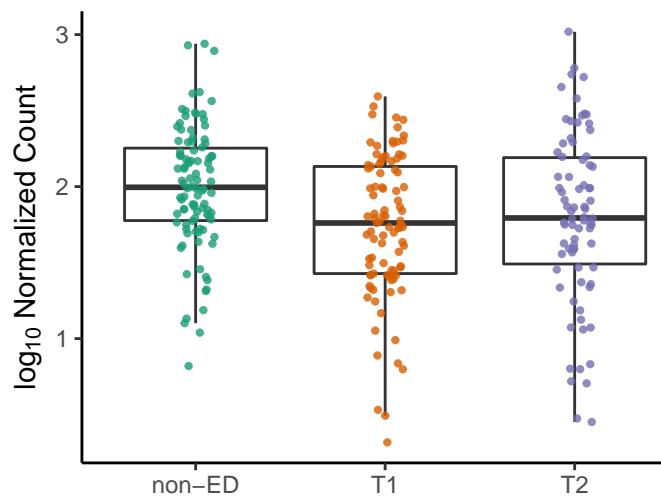
**Francisella sp. FSC1006**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 6e-04  
 T1 vs. T2 adjusted p = 0.72



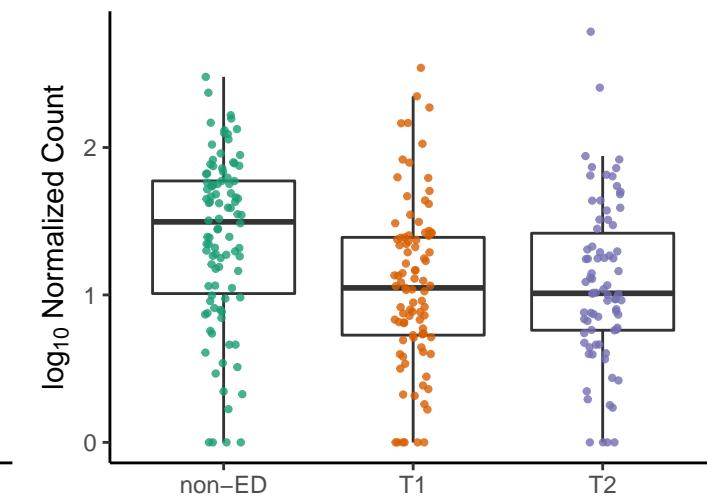
**Pantoea sp. PSNIH1**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0079  
 T1 vs. T2 adjusted p = 0.66



**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

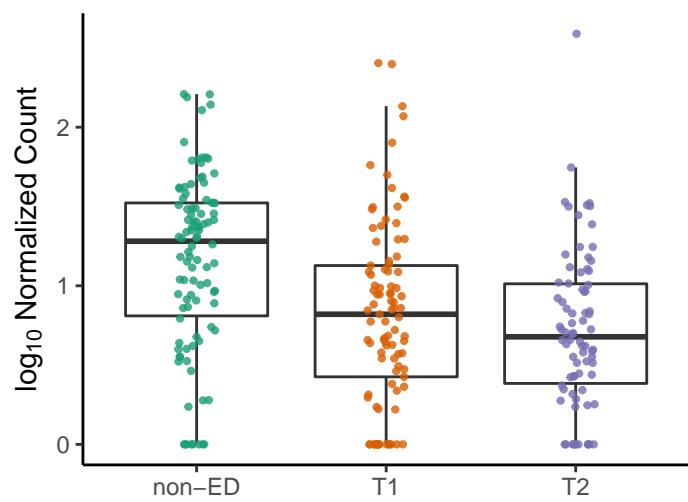


**Psychrobacter sp. P11G5**  
 non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.91



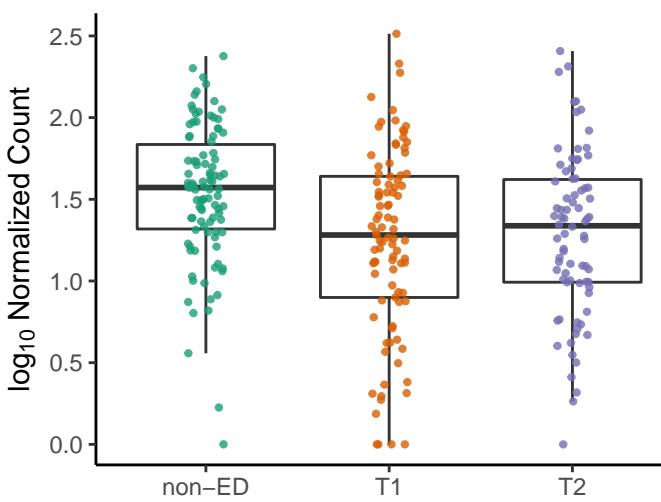
### Unclassified Methylacidiphilum Genus

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



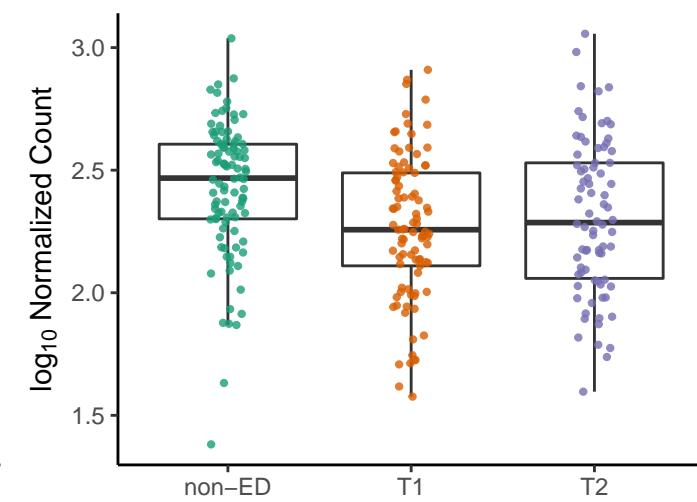
### Unclassified Tumebacillus Genus

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



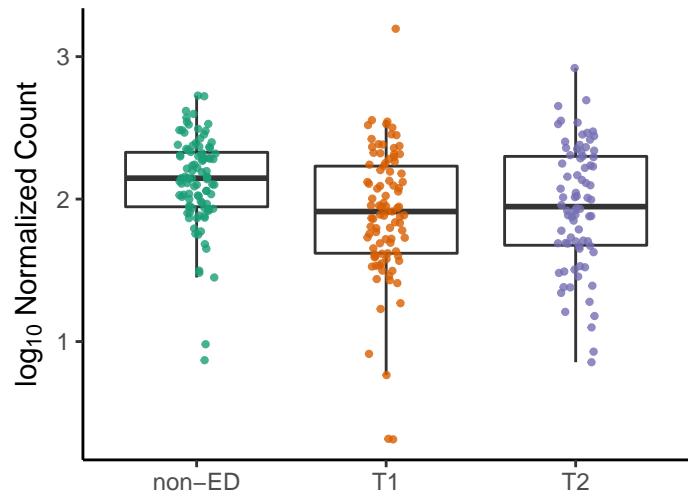
### Unclassified Pseudoalteromonas Genus

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.71



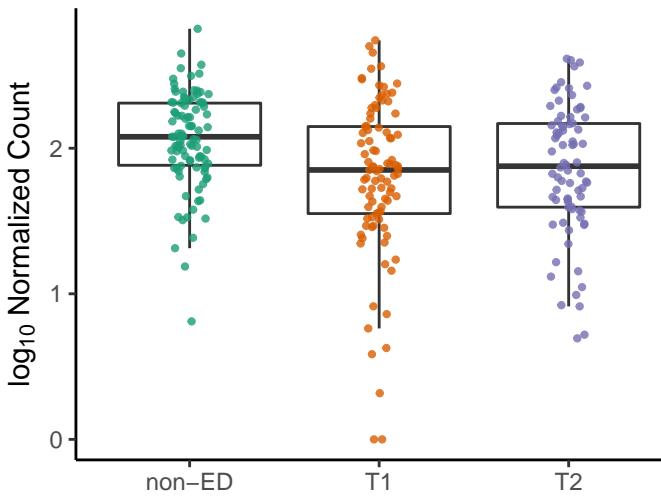
### Nitratireductor sp. OM-1

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.72



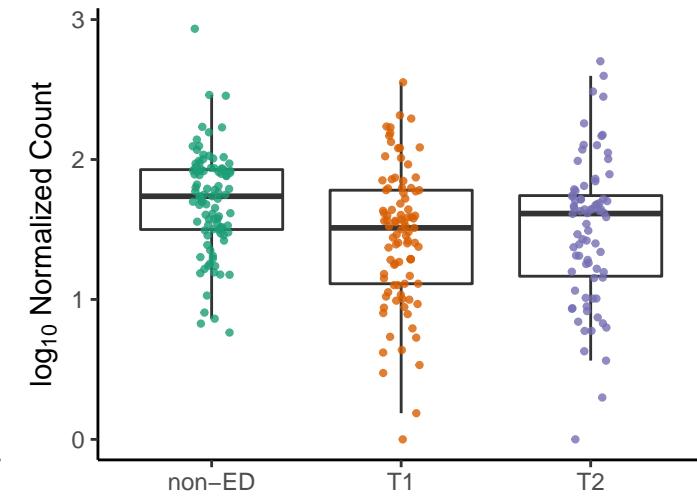
### Variovorax sp. WDL1

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



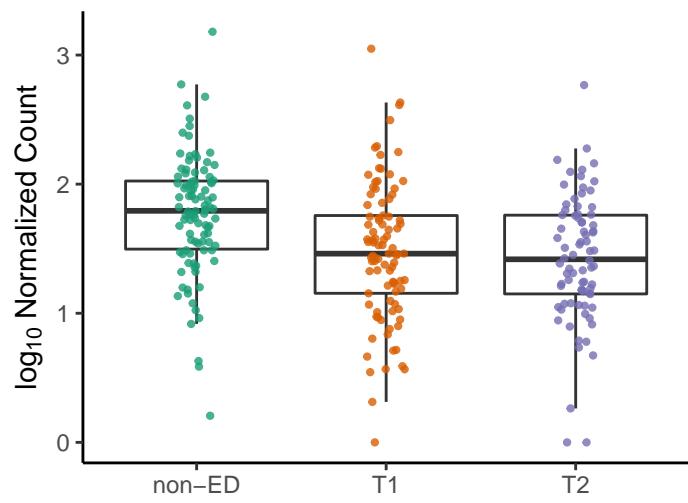
### Pseudomonas lurida

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.77



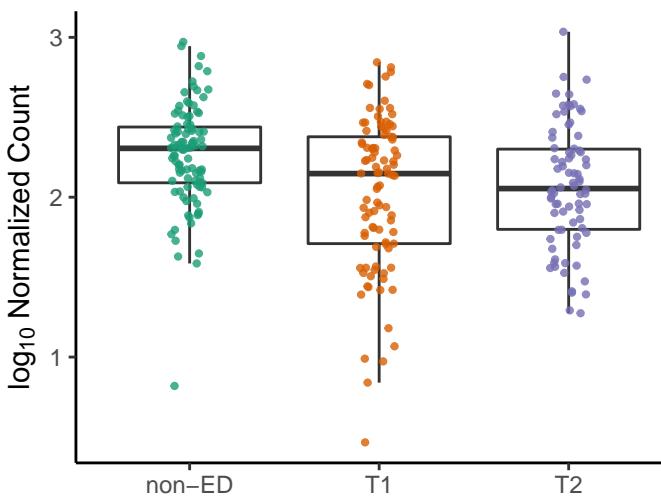
### Campylobacter hominis

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



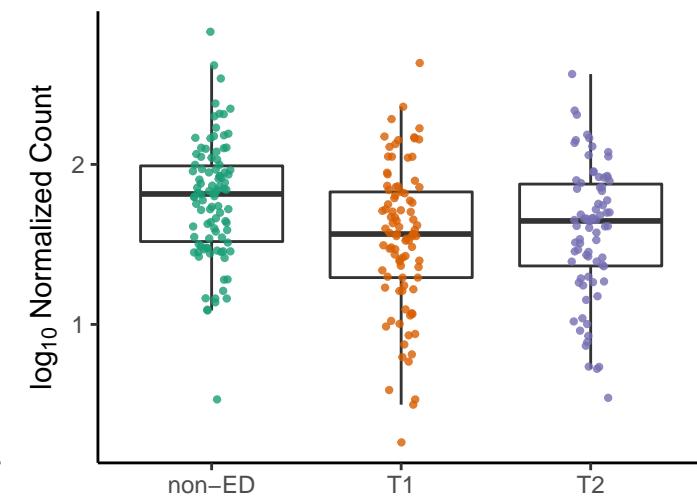
### Acidipropionibacterium acidipropionici

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



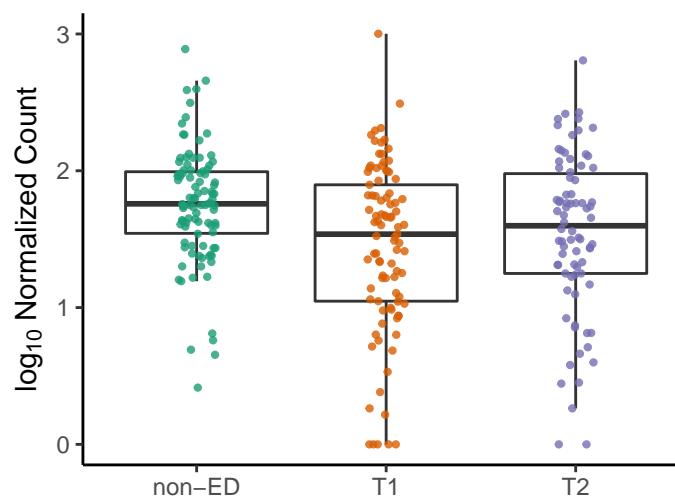
### Paraburkholderia sp. Msb3

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



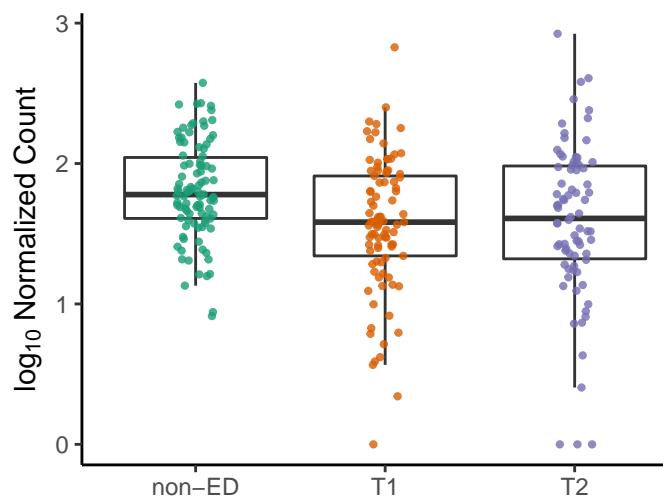
### Burkholderia sp. BDU8

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.61



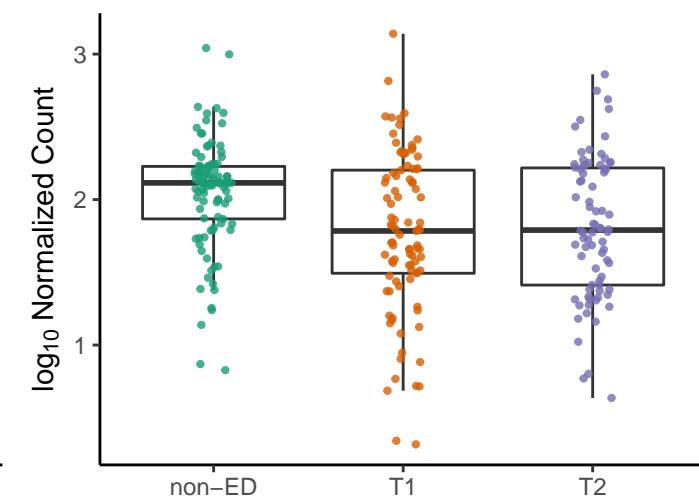
### Plantibacter sp. M259

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.8



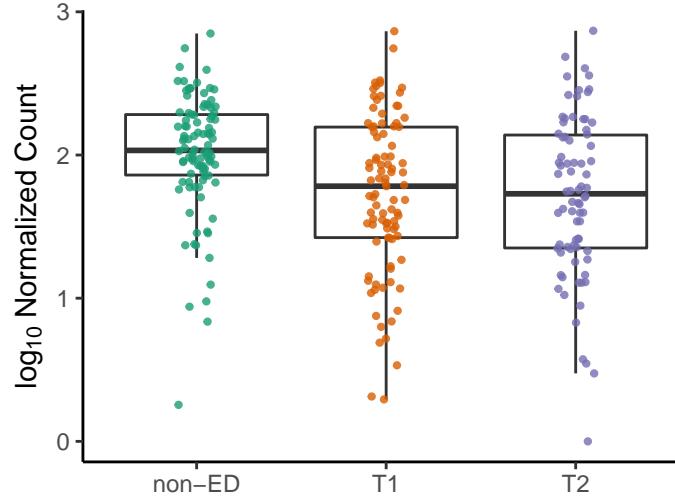
### Geobacillus stearothermophilus

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



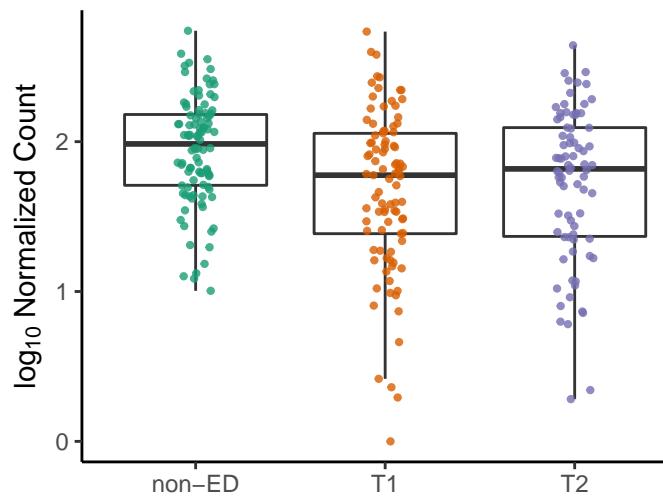
### Microbacterium sp. 10M-3C3

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



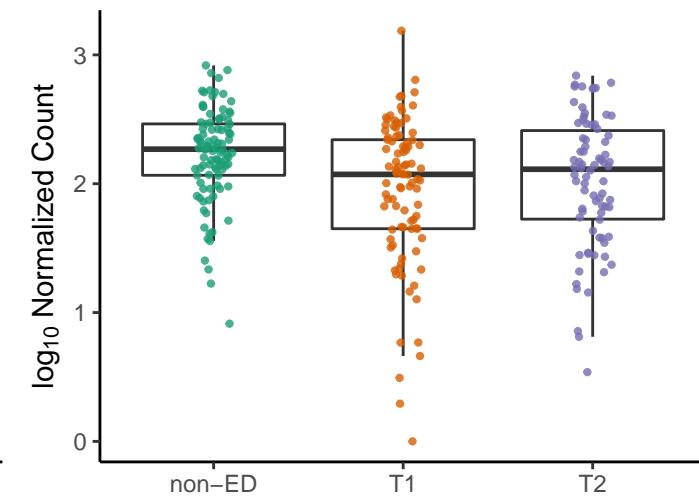
### Rhodococcus sp. PBTS 1

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



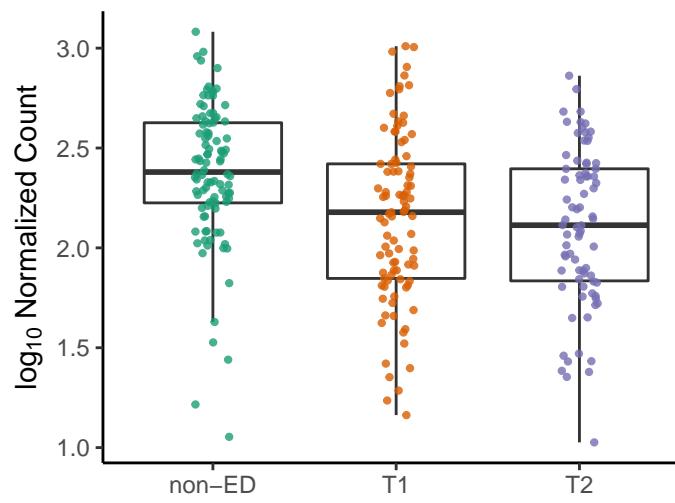
### Minimonas sp. S16

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.67



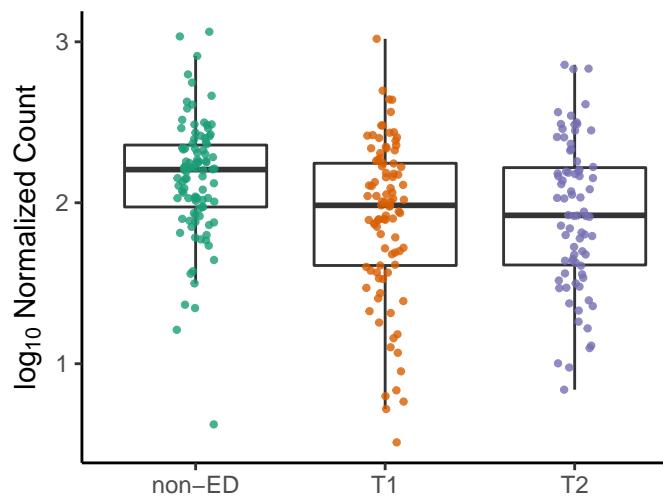
### Gottschalkia acidurici

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



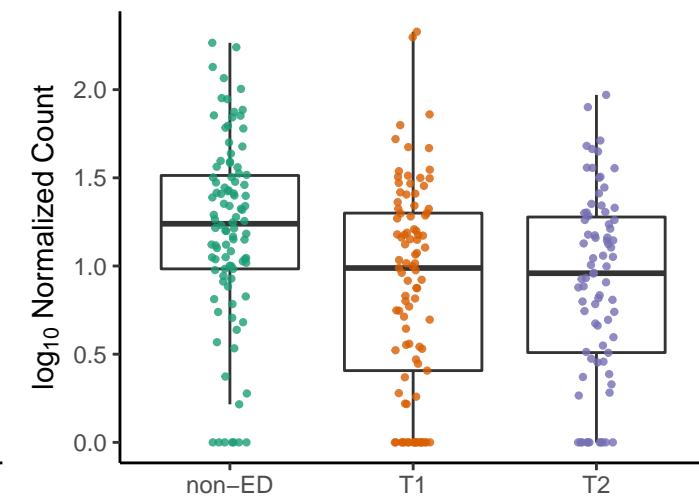
### Methylobacterium sp. 17Sr1-43

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



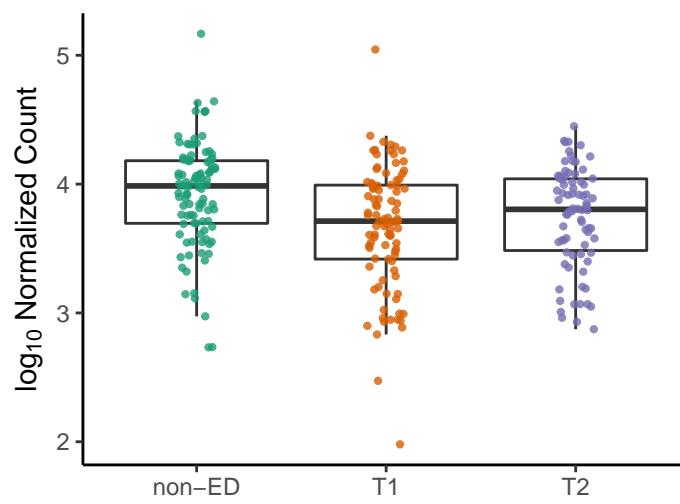
### Pseudomonas sp. A214

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



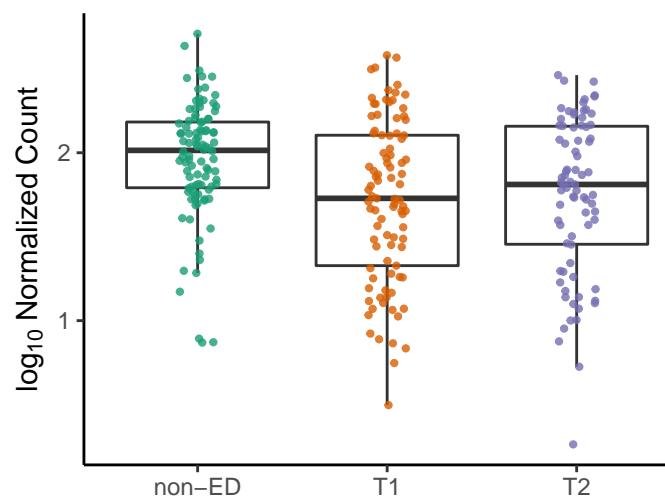
### *Ruminococcus champanellensis*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.66



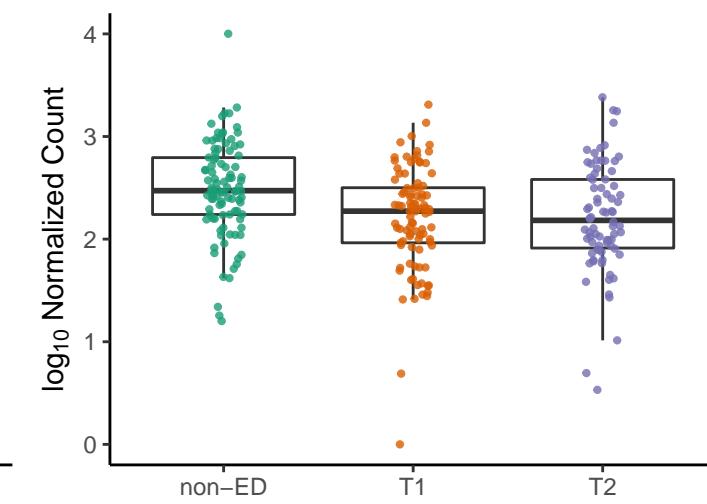
### *Sedimentitalea* sp. W43

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



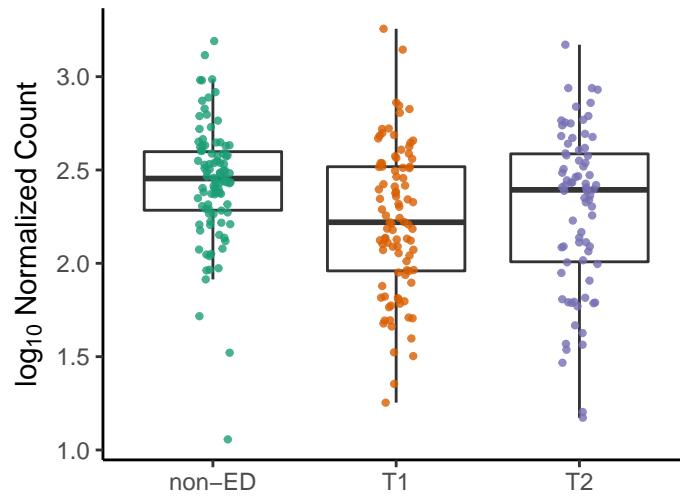
### *Streptococcus canis*

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



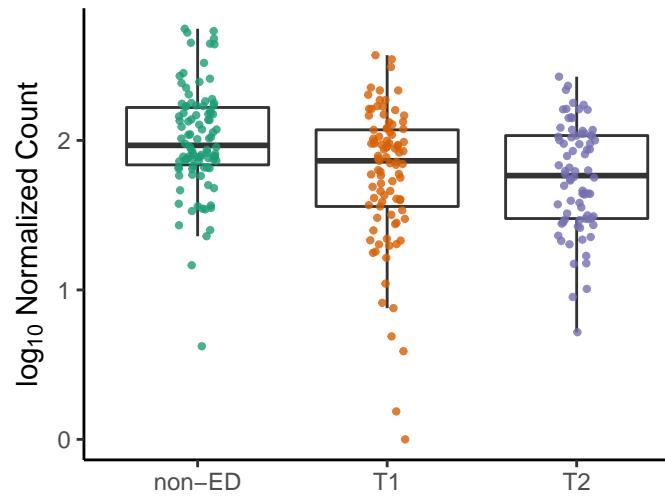
### *Tistrella mobilis*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.64



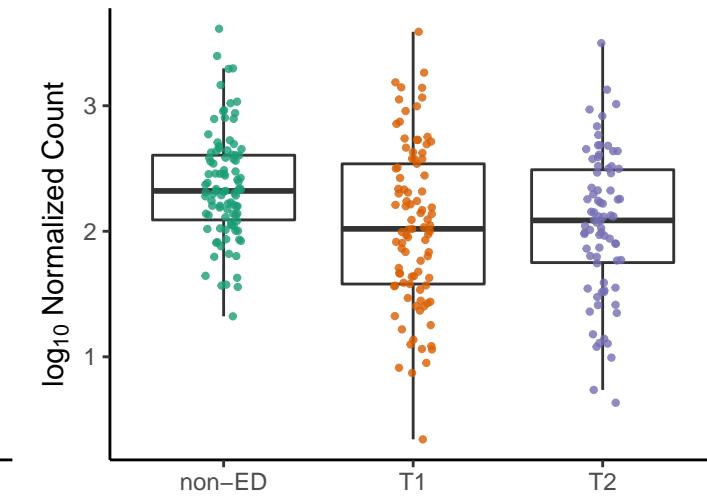
### *Tuwongella immobilis*

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



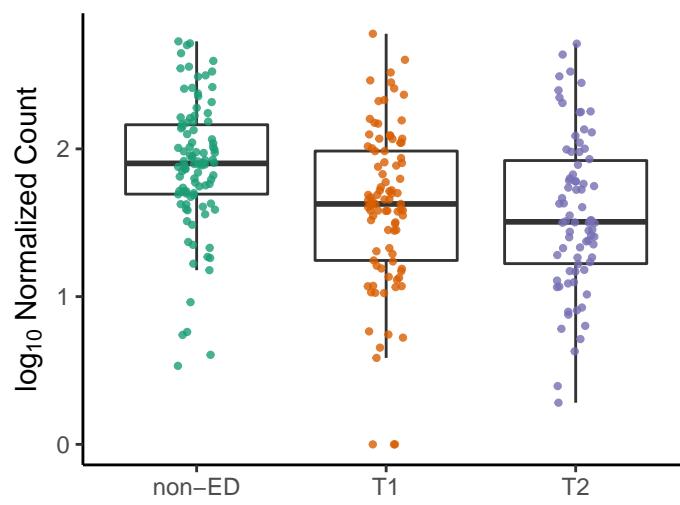
### Unclassified Schaalia Genus

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



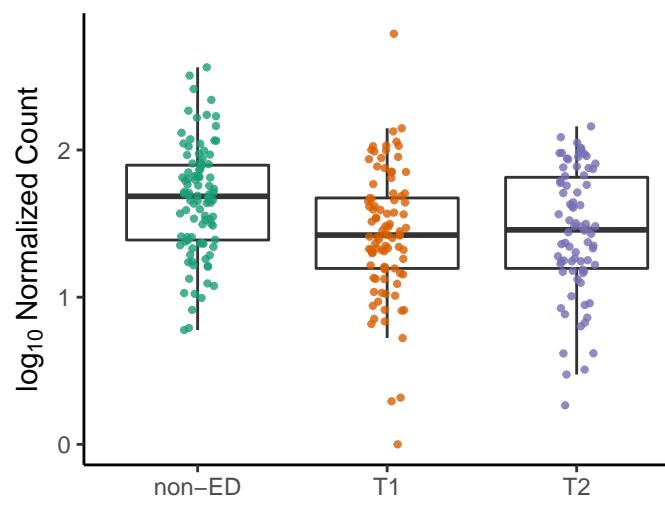
### *Neisseria brasiliensis*

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



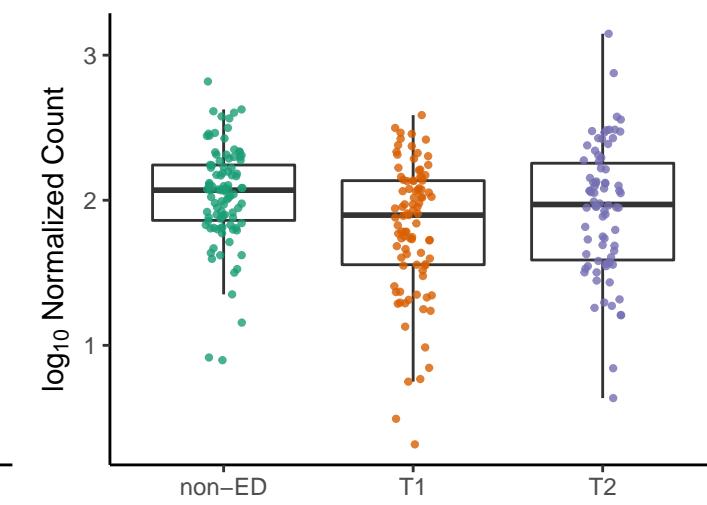
### *Pseudomonas xanthomarina*

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



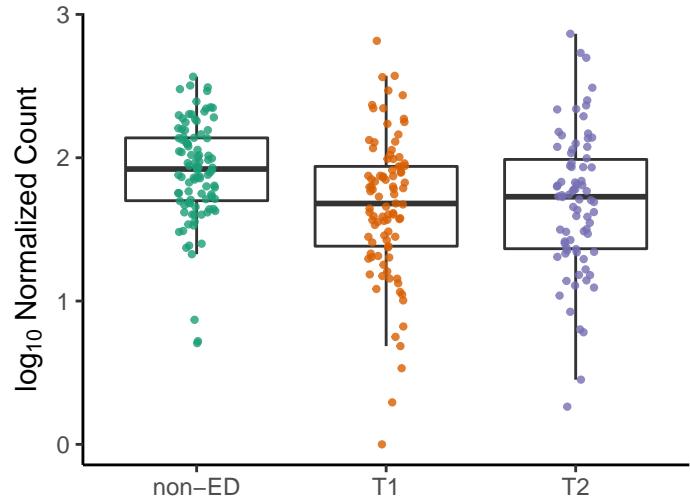
### *Leisingera methylohalidivorans*

non-ED vs. T1 adjusted p = 0.0025  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.41



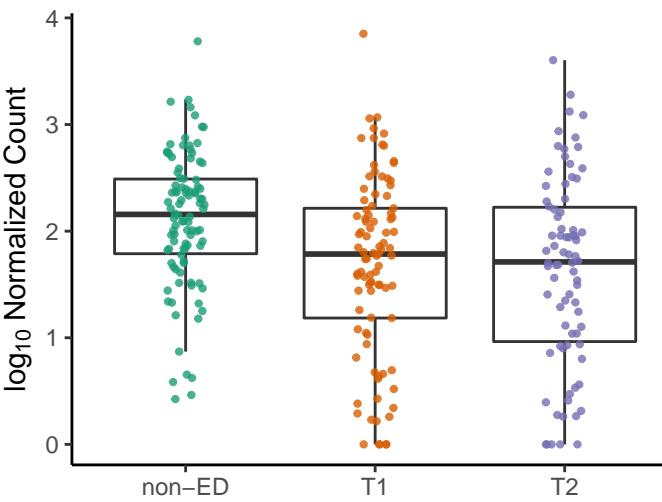
### Aquitalea sp. USM4

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.88



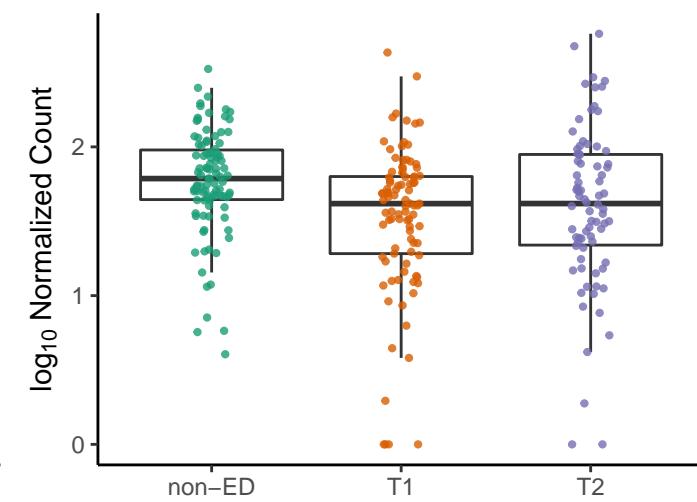
### Unclassified Coriobacteriaceae Family

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



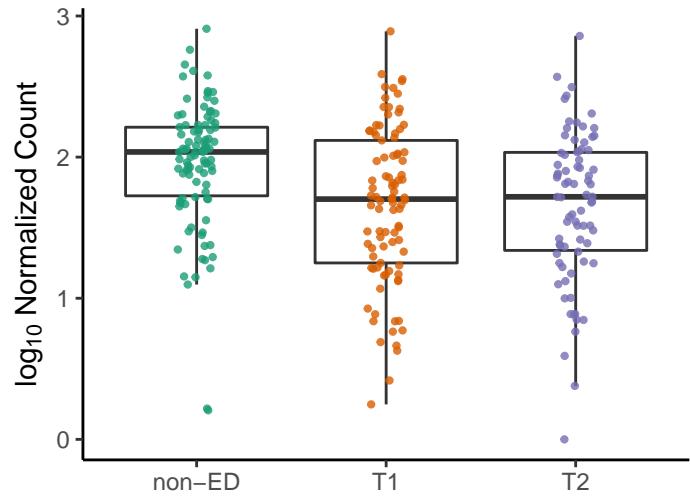
### Mycobacterium haemophilum

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.67



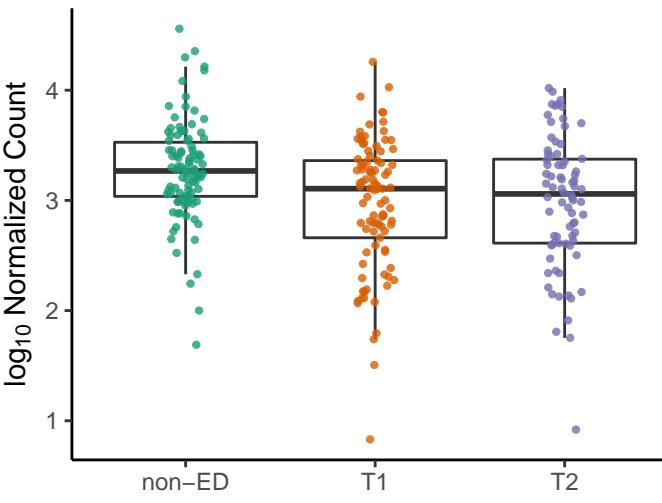
### Arcobacter sp. L

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



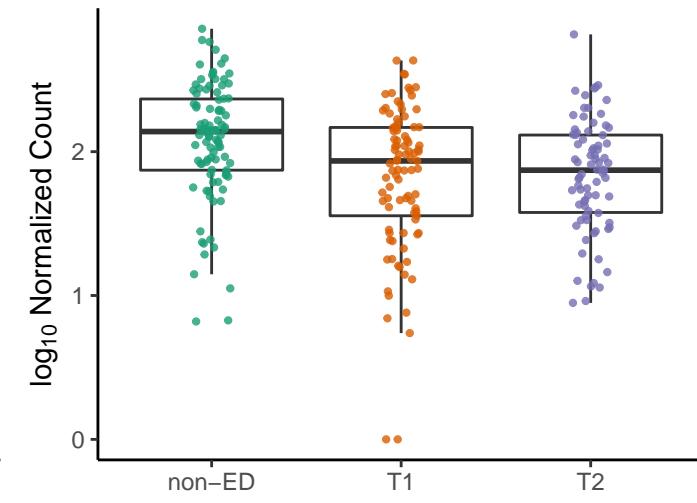
### Parolsenella catena

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



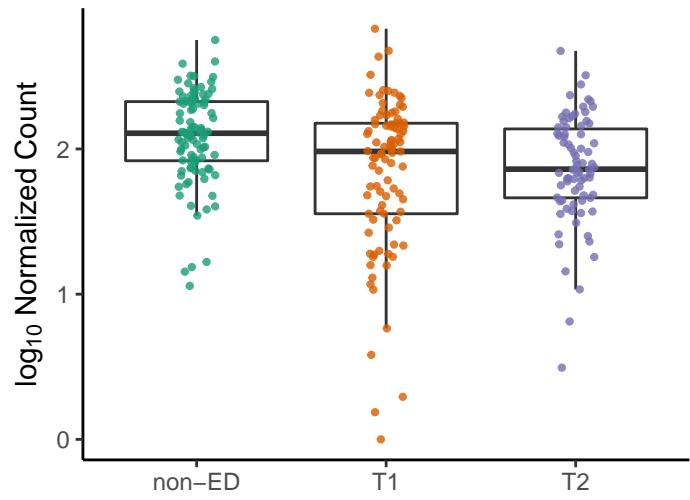
### Arcanobacterium haemolyticum

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



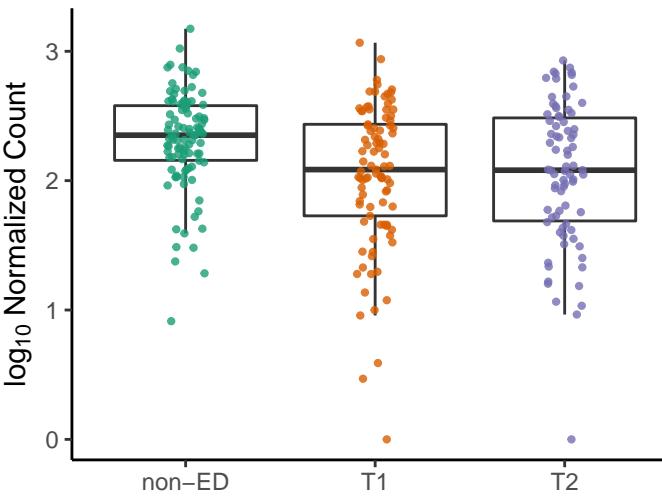
### Gemmobacter sp. HYN0069

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



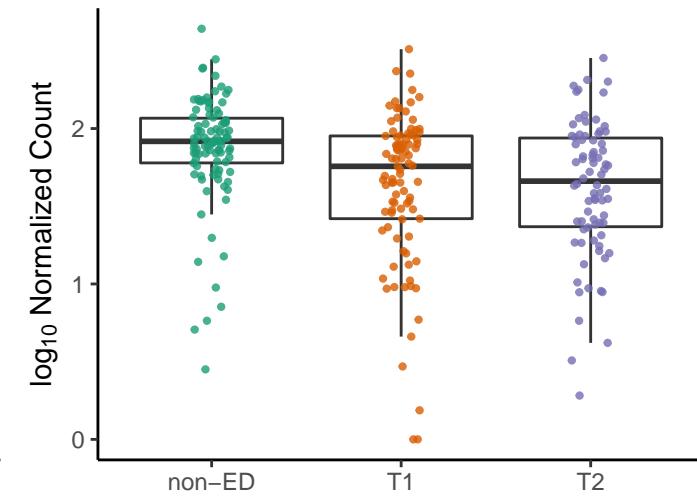
### Deinococcus gobiensis

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



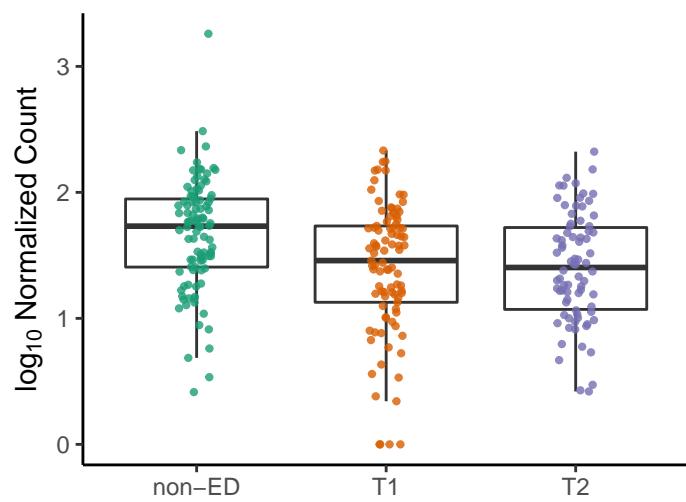
### Halomonas meridiana

non-ED vs. T1 adjusted p = 0.0027  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.96



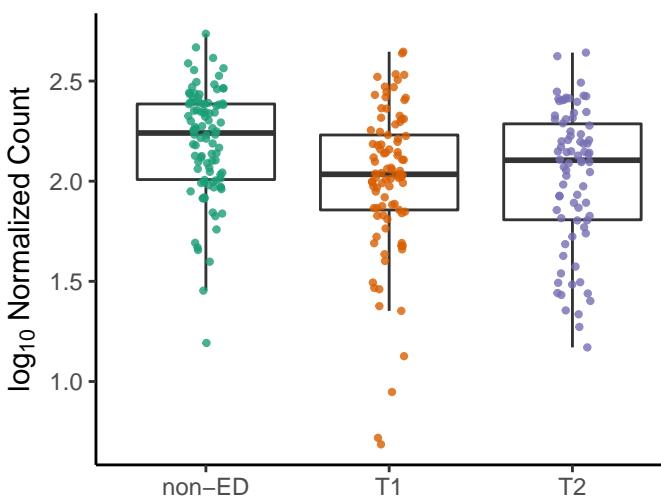
### *Pseudomonas* sp. MPC6

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



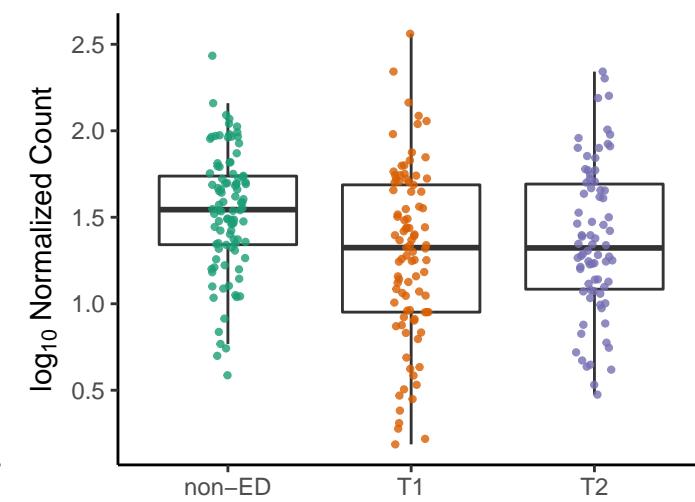
### *Pyricularia* grisea

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



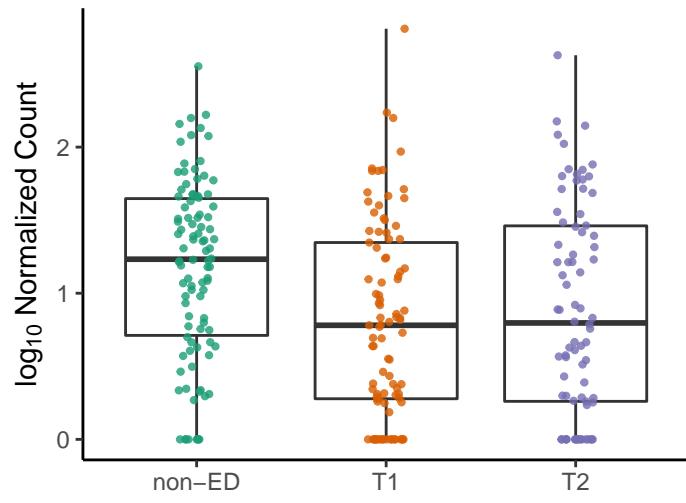
### *Rhodococcus* sp. WB9

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.61



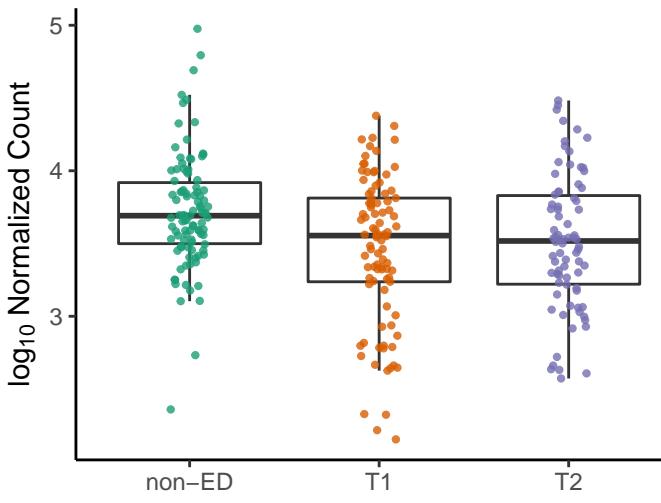
### *Sphingopyxis* sp. MG

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.73



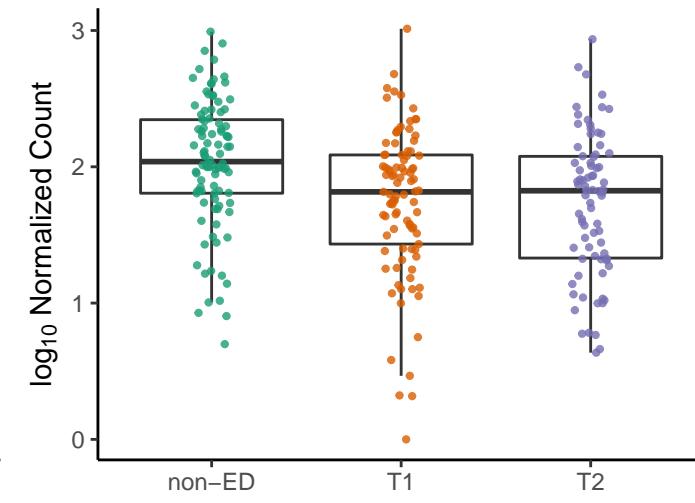
### Unclassified Actinobacteria Phylum

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



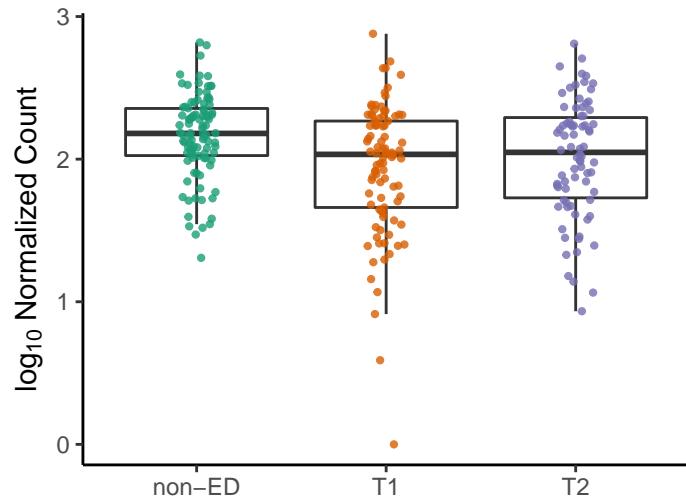
### Unclassified Dermabacter Genus

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



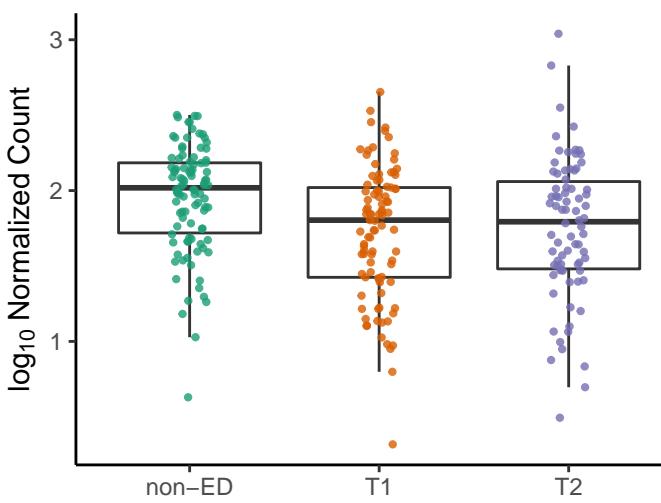
### *Martelella* sp. AD-3

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.67



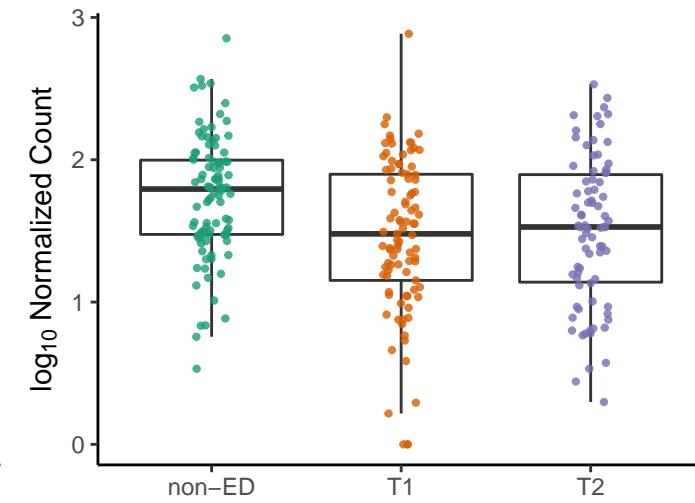
### *Pantoea* sp. SO10

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.88



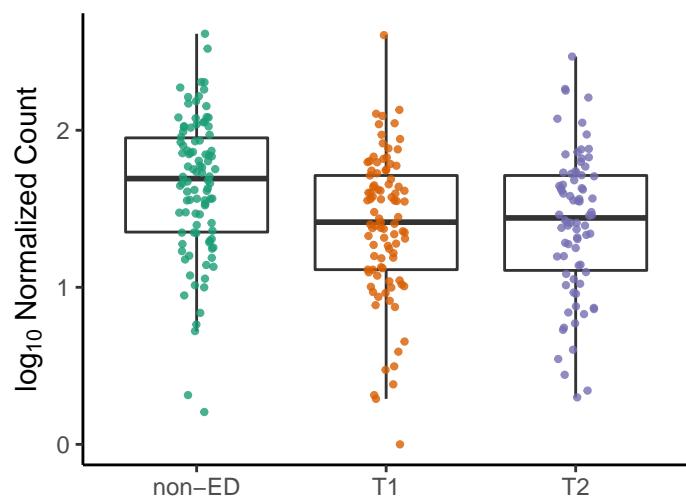
### *Plantibacter* sp. PA-3-X8

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



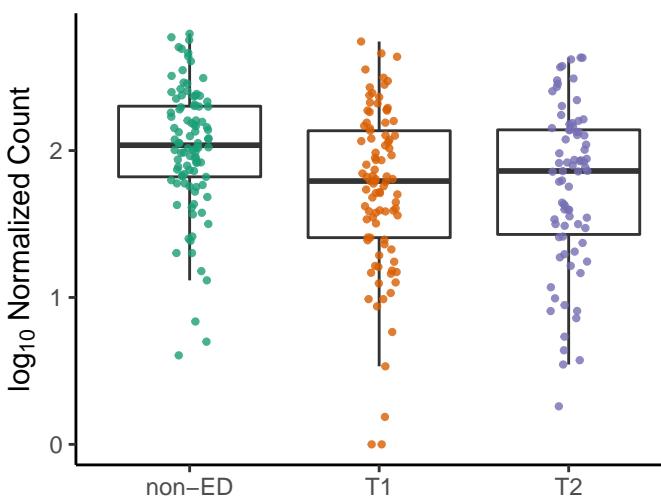
### Unclassified Methylovorus Genus

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



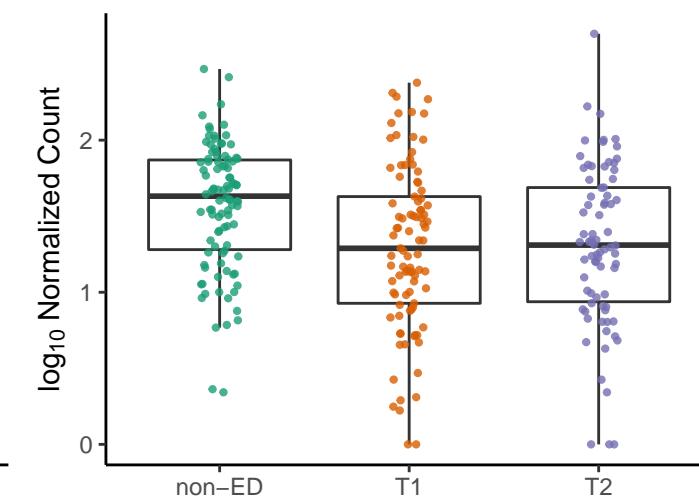
### Acidovorax sp. T1

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



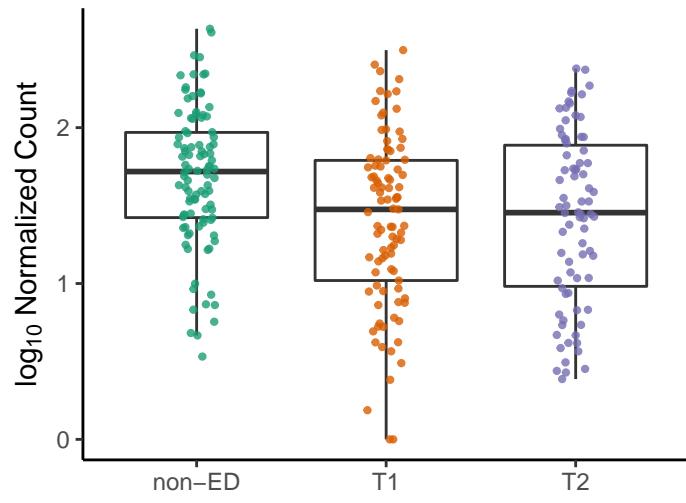
### Methanococcoides burtonii

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



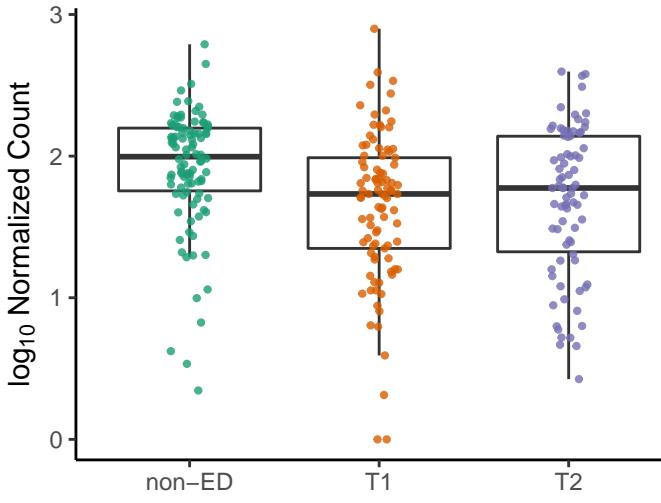
### Microbacterium sp. PAMC 28756

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



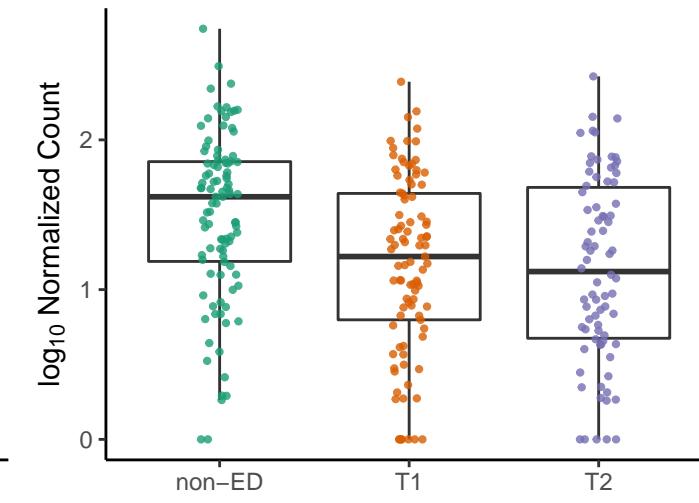
### Planctomycetes bacterium Pan189

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



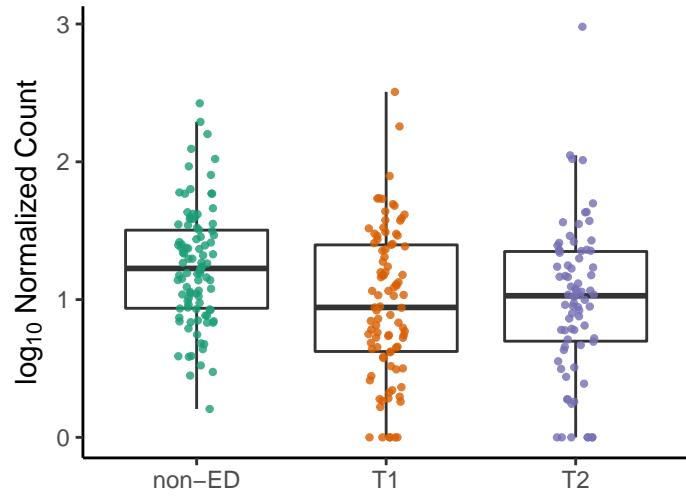
### Unclassified Serinicoccus Genus

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



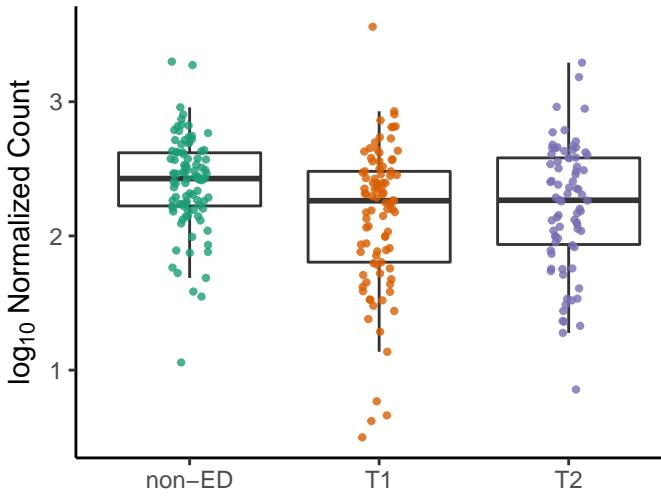
### Methylovorus glucosotrophus

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



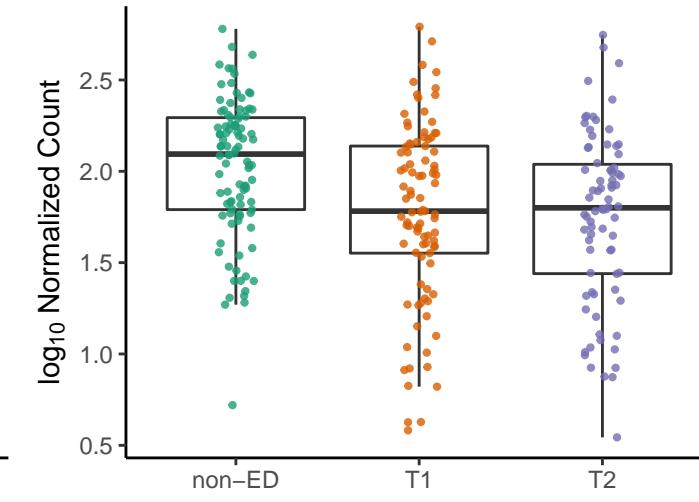
### Streptacidiphilus sp. DSM 106435

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.67



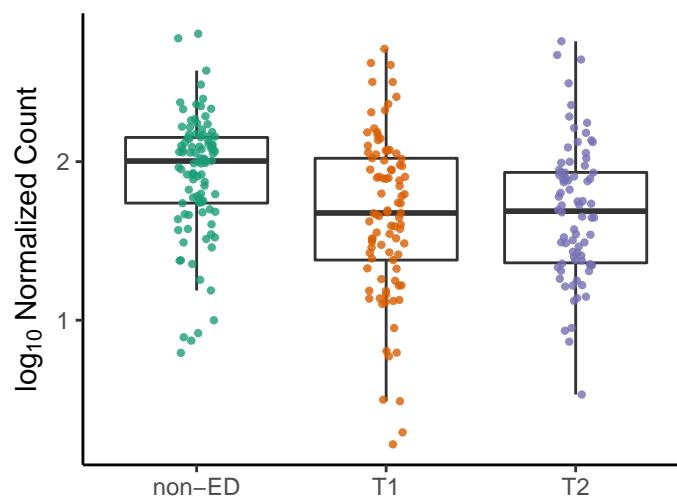
### Variovorax sp. PAMC 28711

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



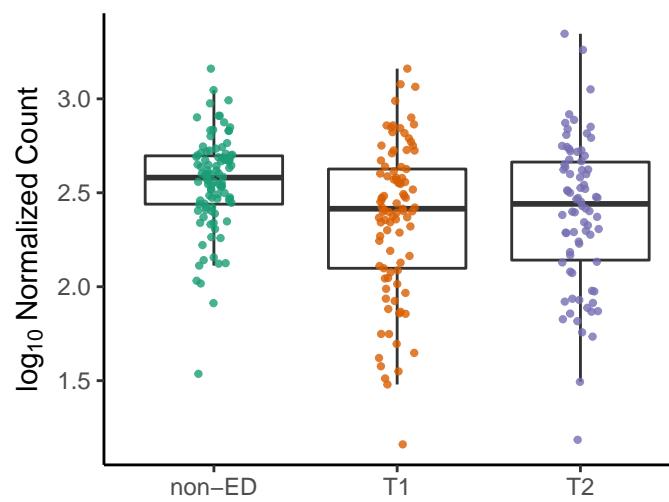
### Acetobacteraceae bacterium

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



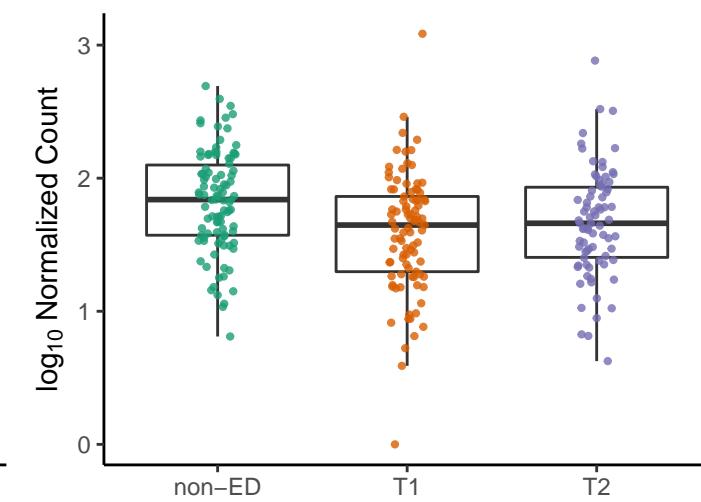
### Fibrobacter succinogenes

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



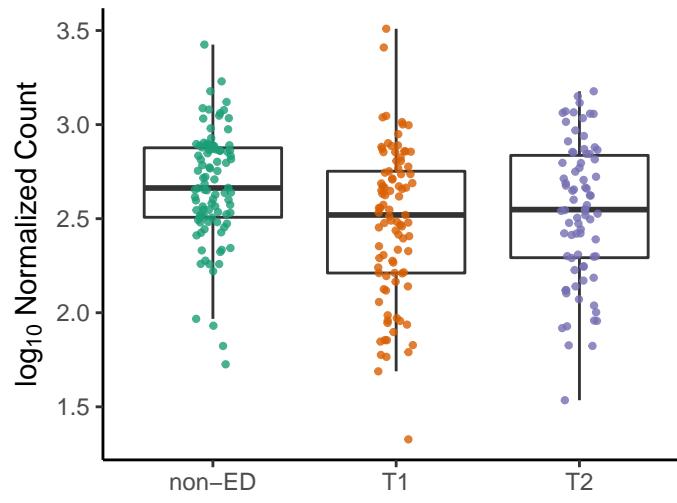
### Corynebacterium aurimucosum

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.57



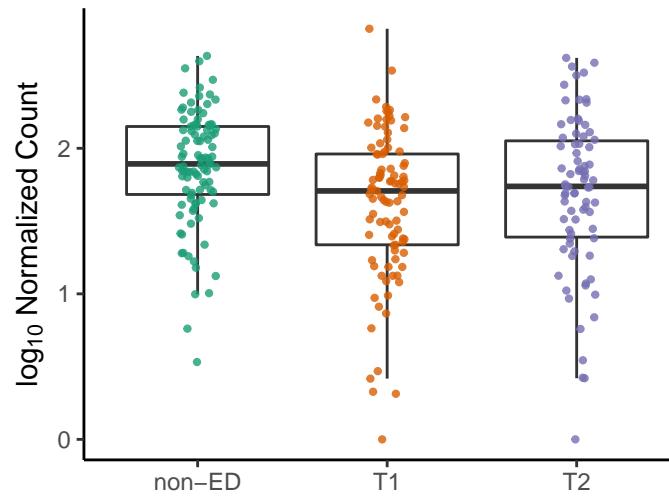
### Selenomonas sp. oral taxon 920

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.63



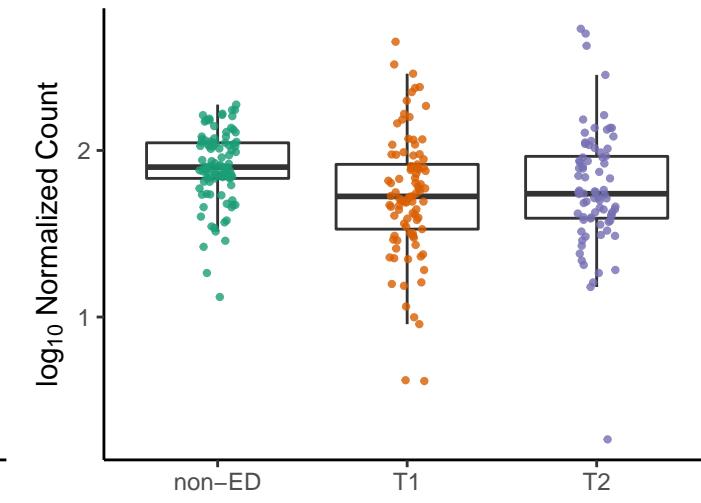
### Stenotrophomonas sp. ESTM1D\_MKCIF

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.67



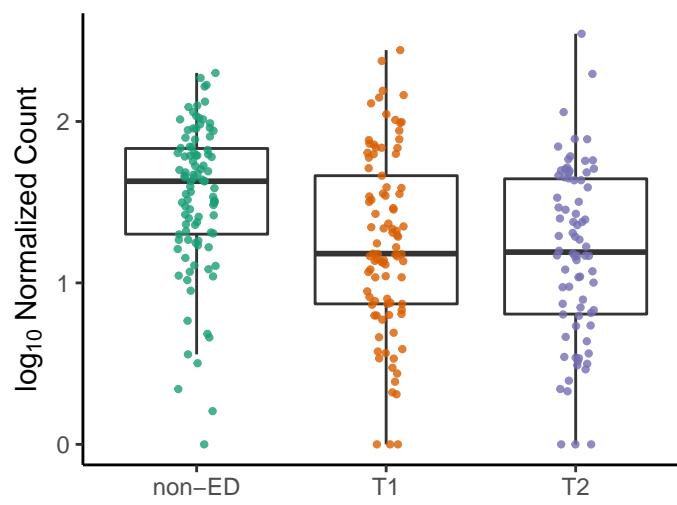
### Devriesea agamarum

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.74



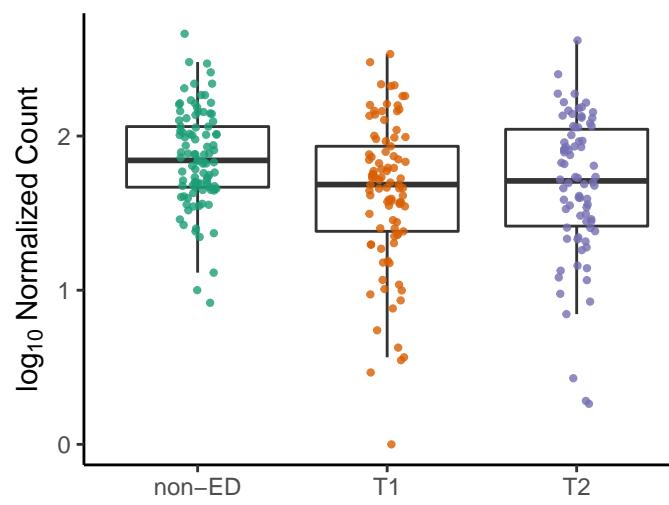
### Mycoplasma canis

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



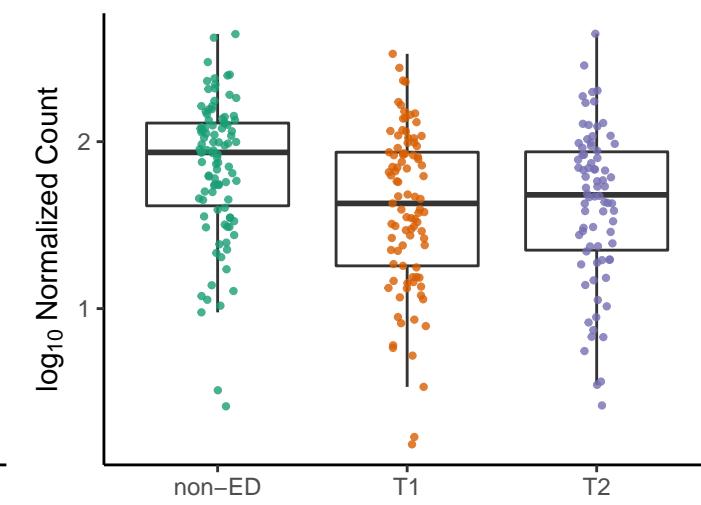
### Spiribacter curvatus

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.7



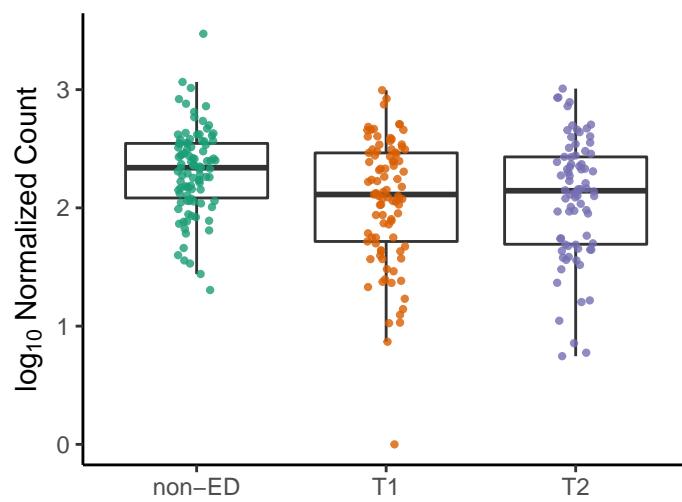
### Gluconobacter albidus

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



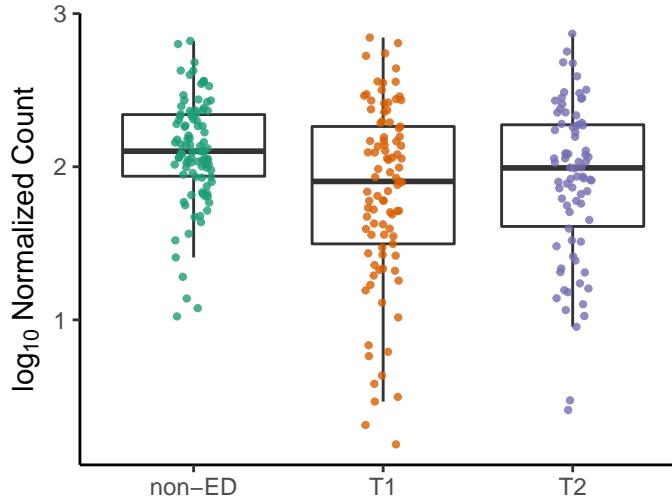
### *Saccharopolyspora erythraea*

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



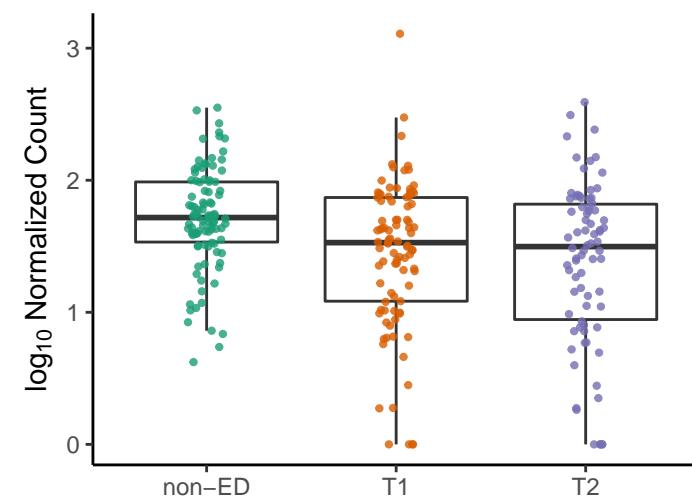
### *Paracoccus pantotrophus*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.66



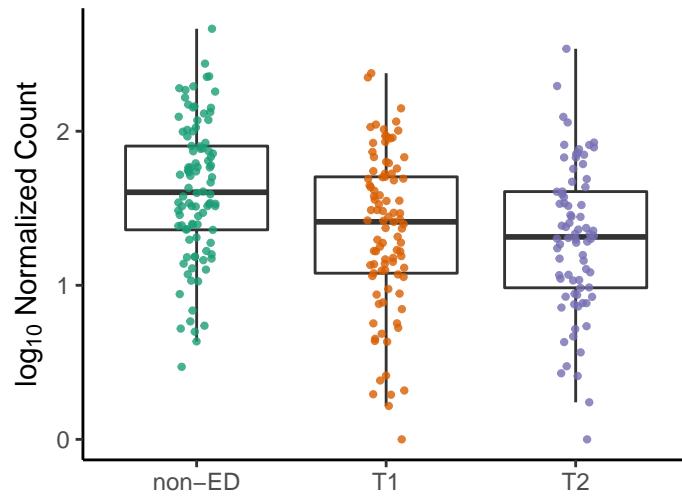
### *Candidatus Saccharibacteria bacterium*

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



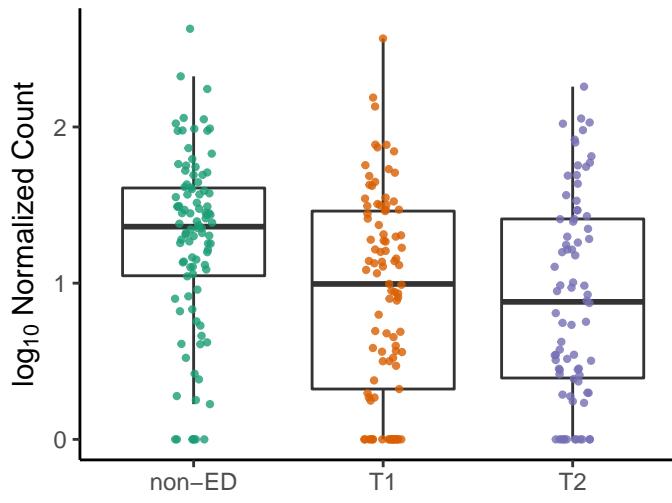
### *Serratia quinivorans*

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



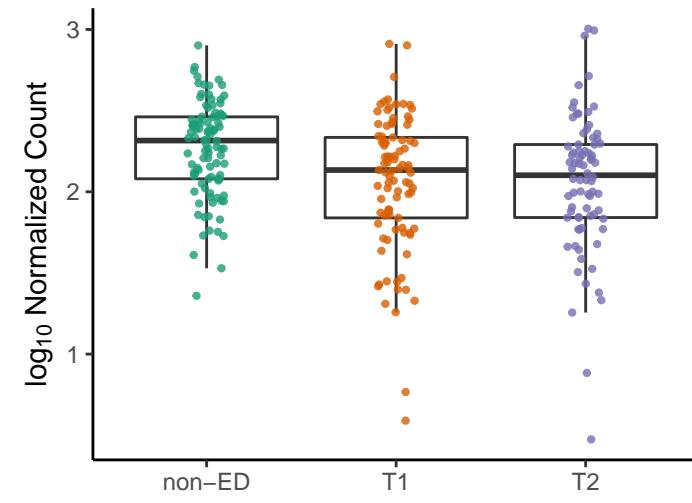
### *Streptomyces* sp. S1A1-7

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



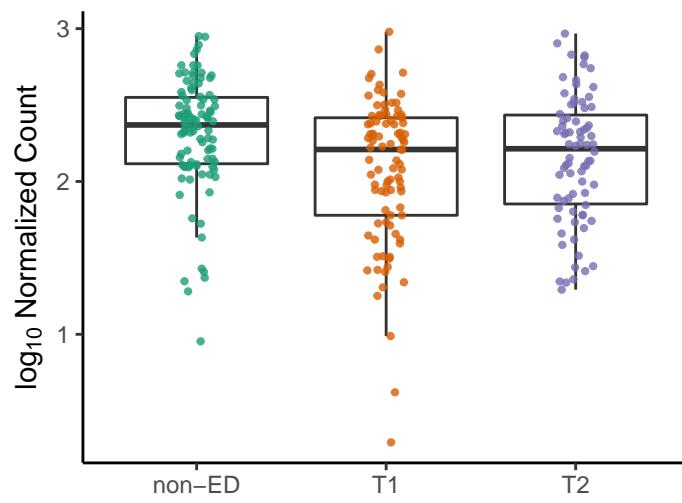
### *Rhizobium etli*

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



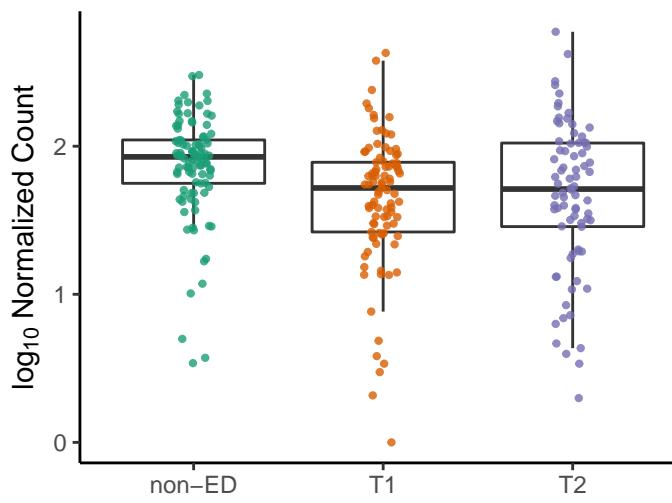
### *Propionibacterium australiense*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.63



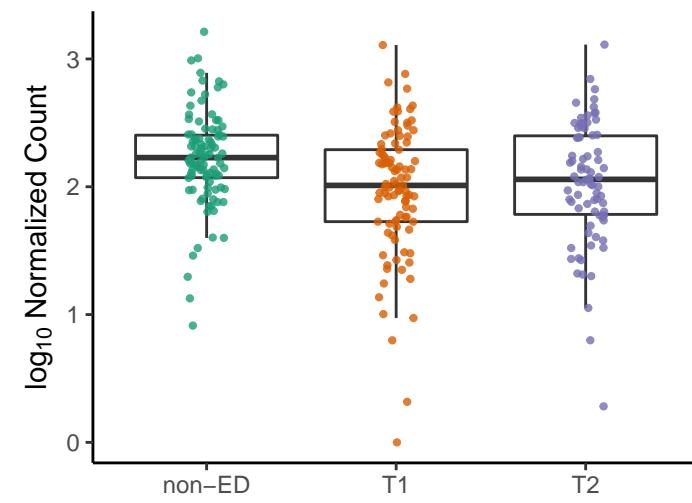
### *Planctopirus ephydiae*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.77



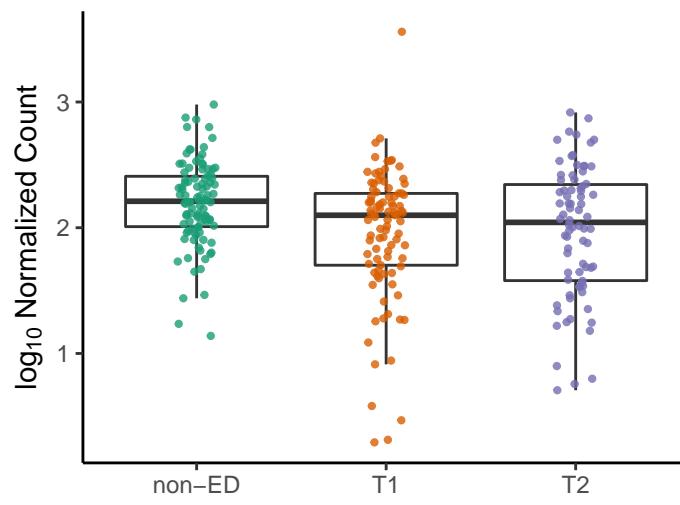
### *Streptomyces* sp. ZFG47

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.67



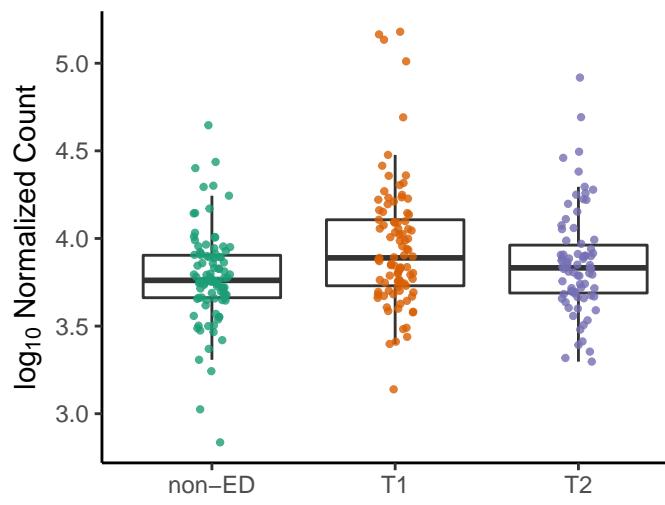
### Rhodovulum sulfidophilum

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



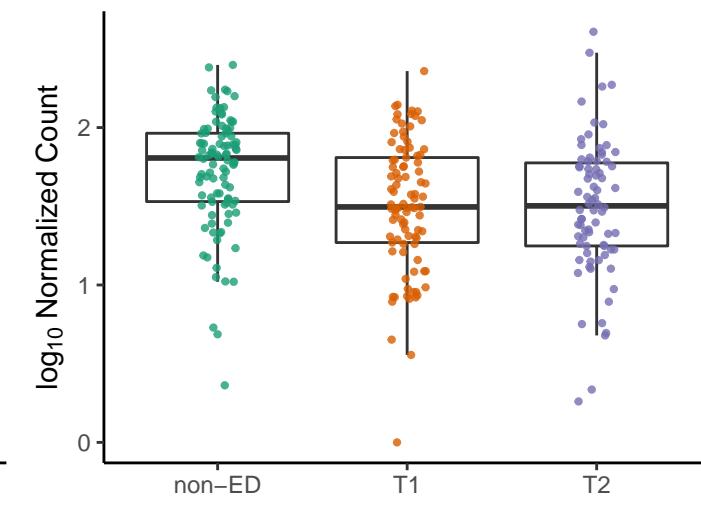
### Hungatella hathewayi

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.63



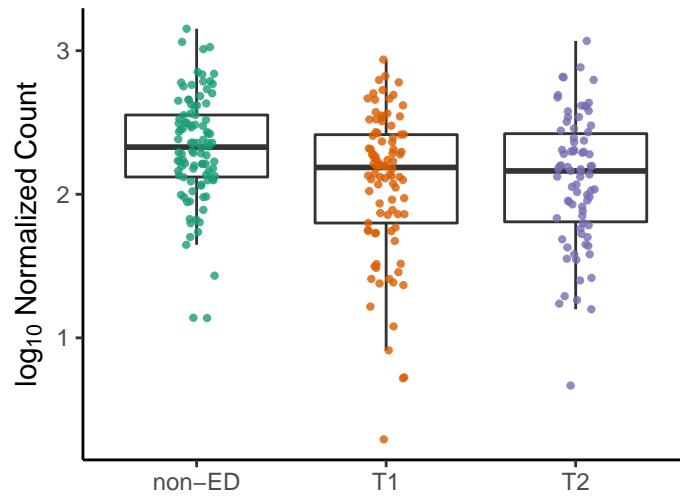
### Leptotrichia hofstadii

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



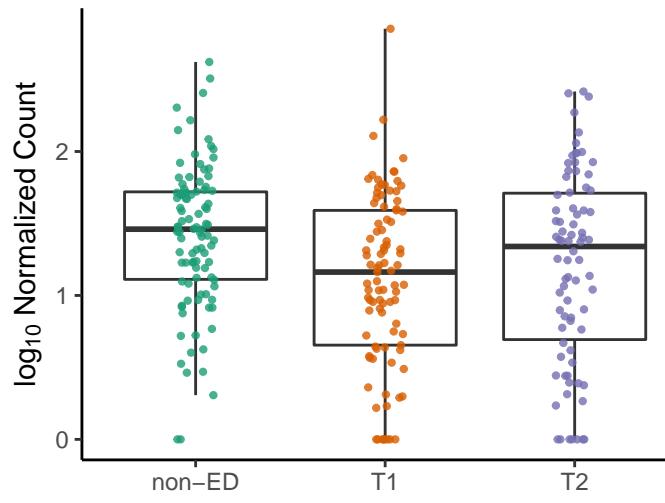
### Pseudomonas entomophila

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



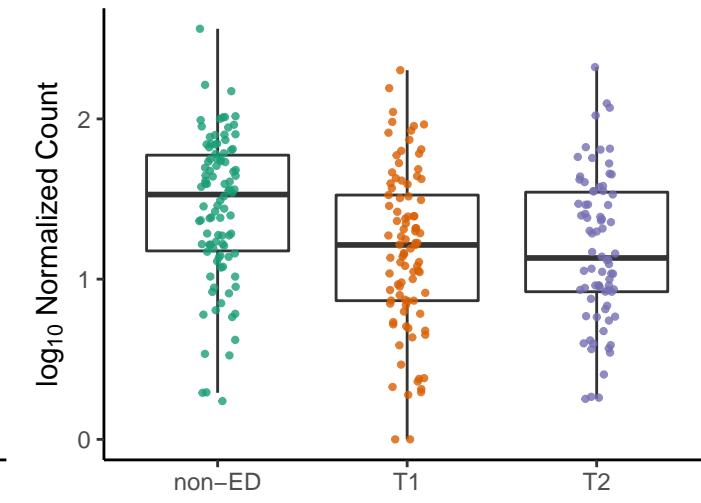
### Rathayibacter sp. VKM Ac-2762

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.67



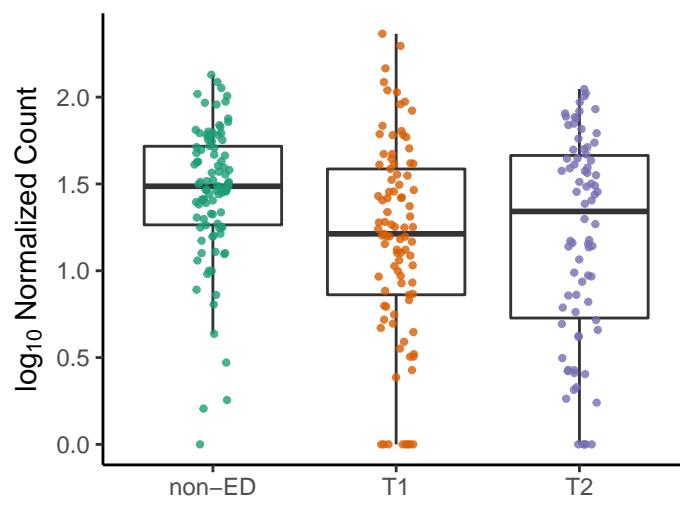
### Roseovarius sp. THAF8

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



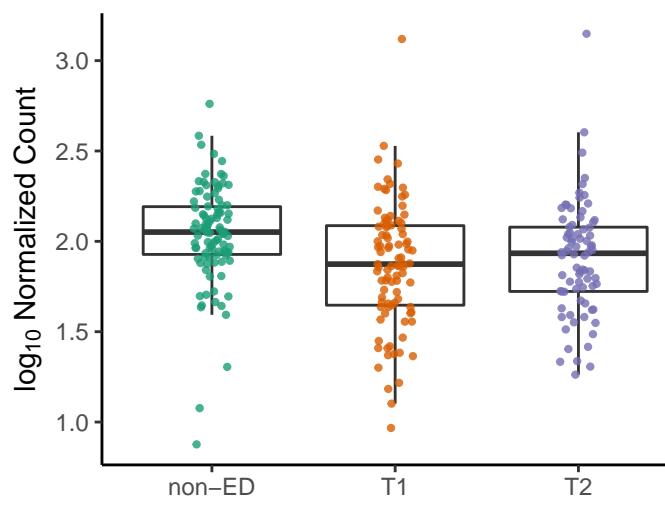
### Unclassified Desulfomicrobium Genus

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



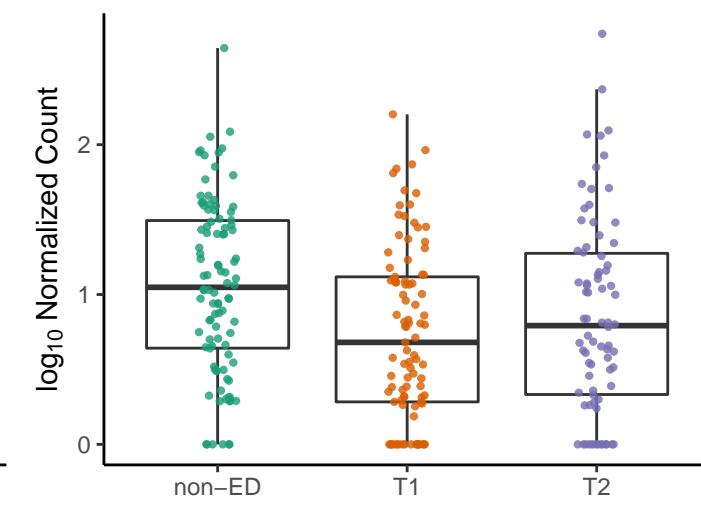
### Vibrio mediterranei

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.77



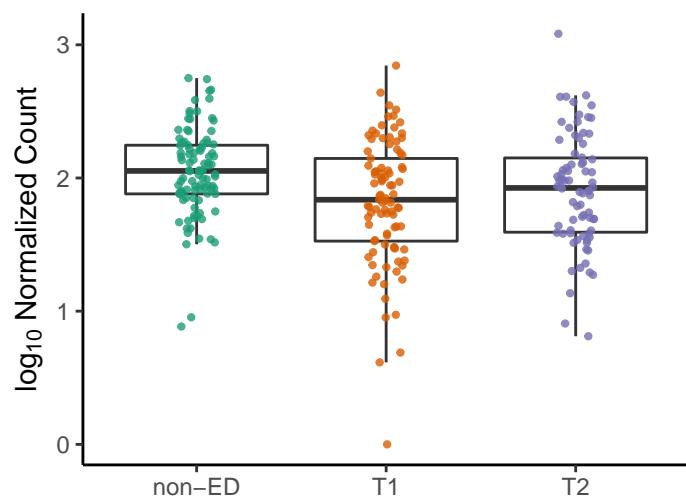
### Streptomyces sp. FR-008

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.66



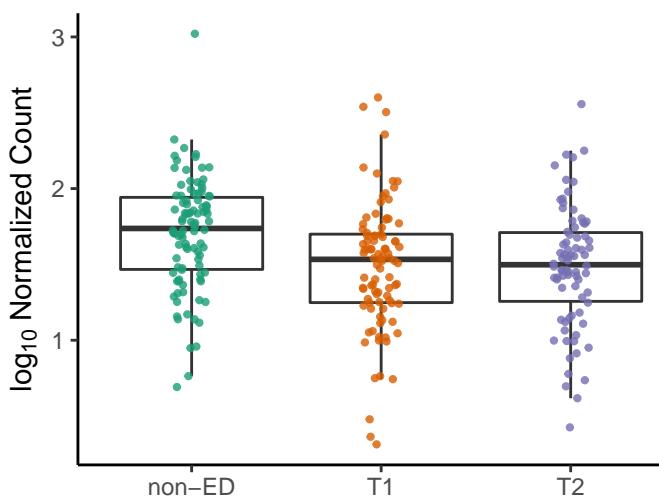
### *Actinomyces* sp. 299

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.5



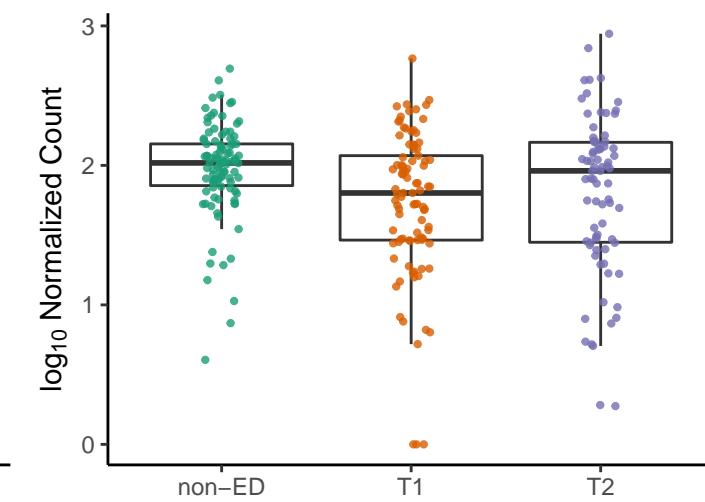
### *Pseudomonas marincola*

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



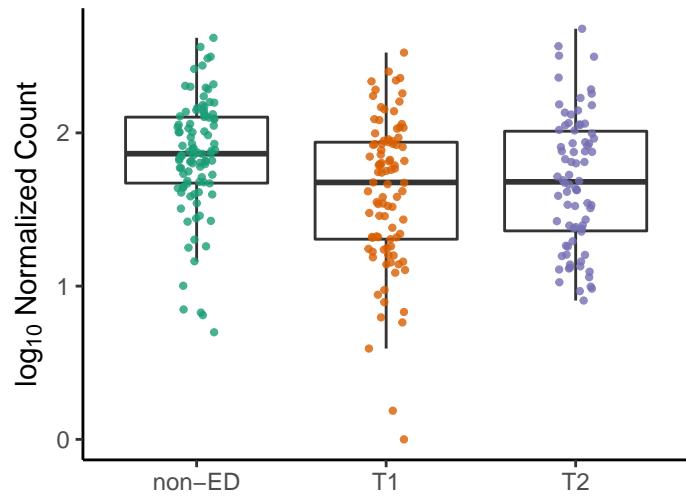
### *Serpentinomonas mcccroyi*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.72



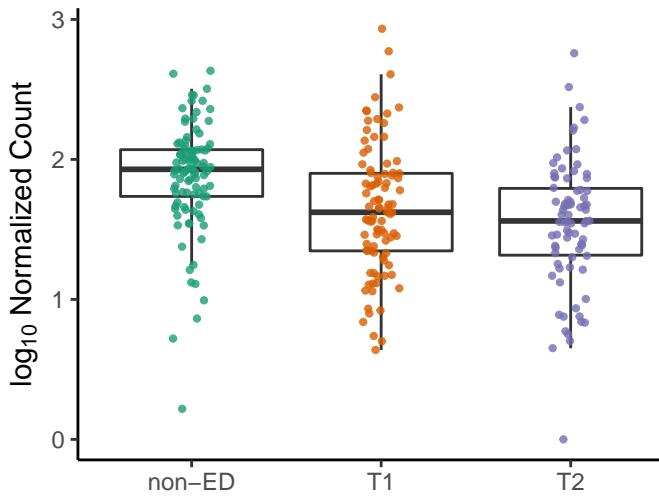
### *Synechococcus* sp. KORDI-49

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.65



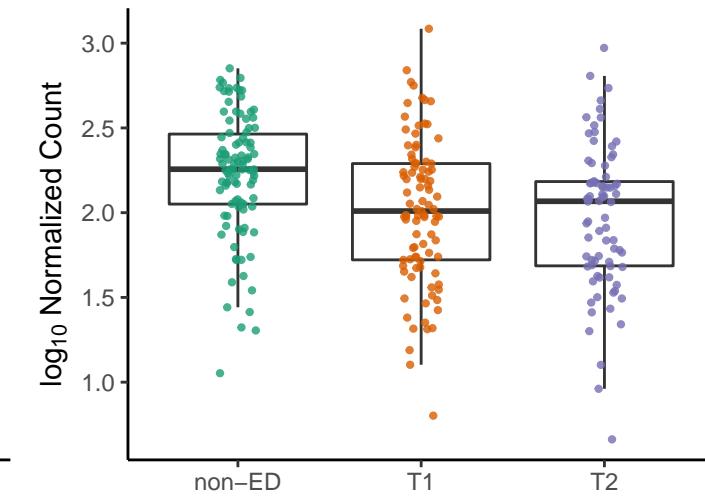
### *Borrelia miyamotoi*

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



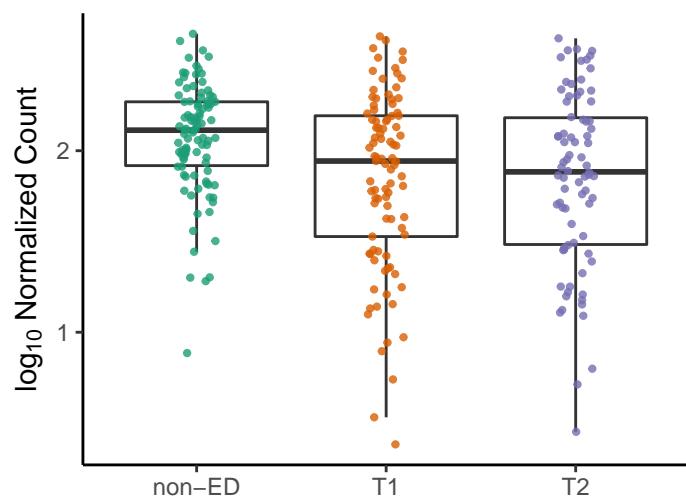
### *Lactobacillus manihotivorans*

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



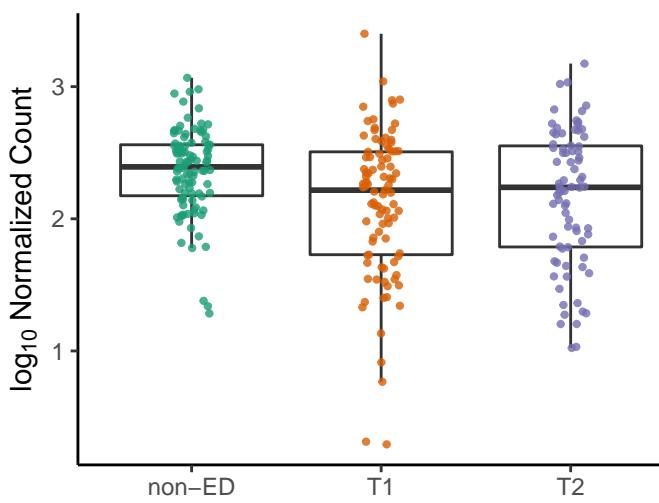
### *Rhodoferax antarcticus*

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



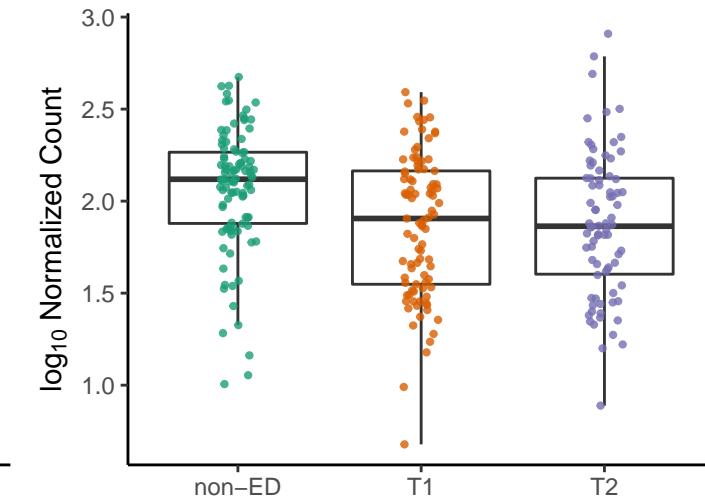
### *Jiangella alkaliphila*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.66



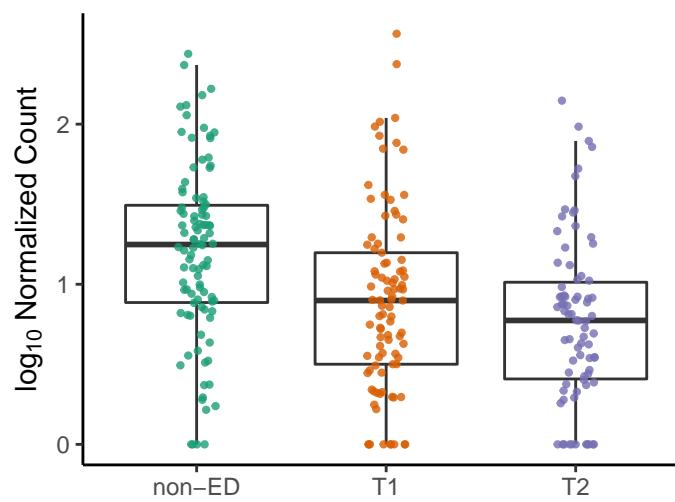
### *Lysinibacillus* sp. YS11

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



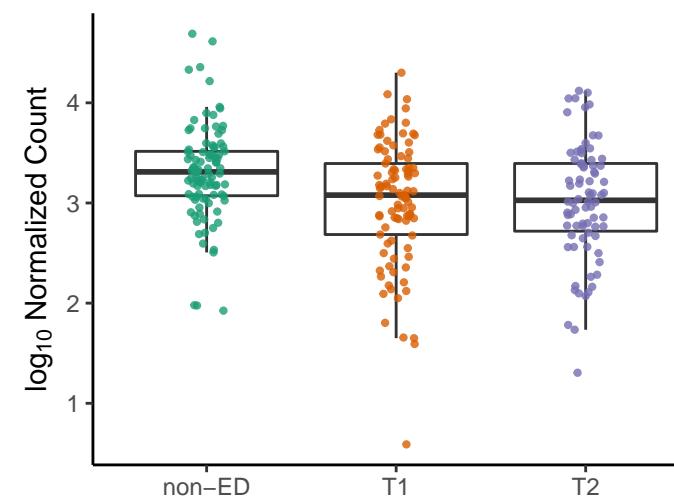
### *Entomoplasma somnilux*

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



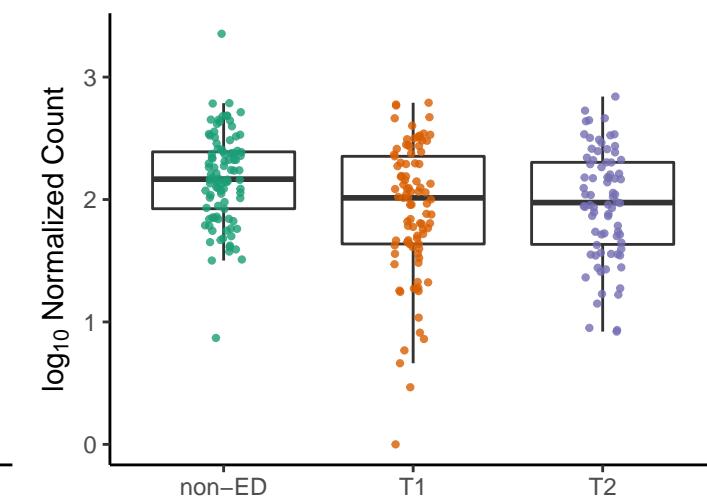
### *Libanicoccus massiliensis*

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



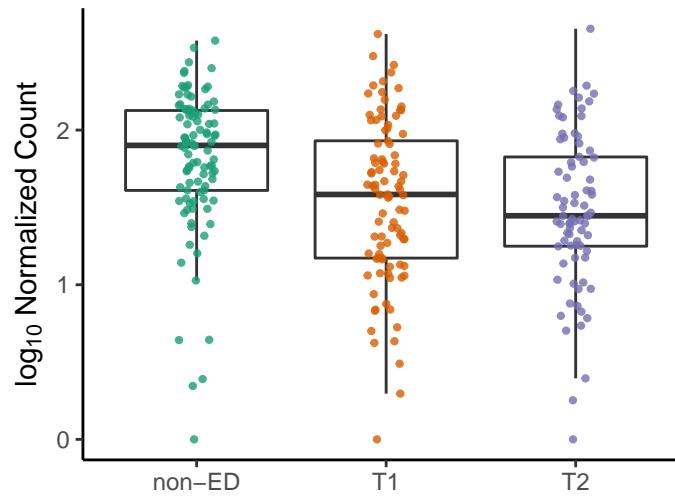
### *Sanguibacter keddieii*

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



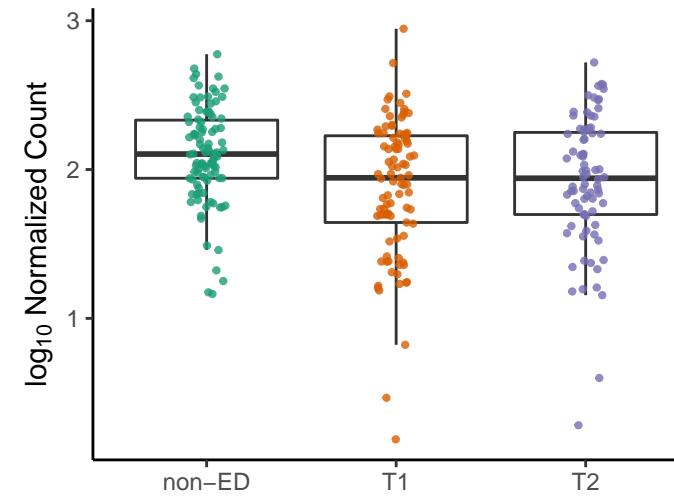
### Unclassified Borrelia Genus

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



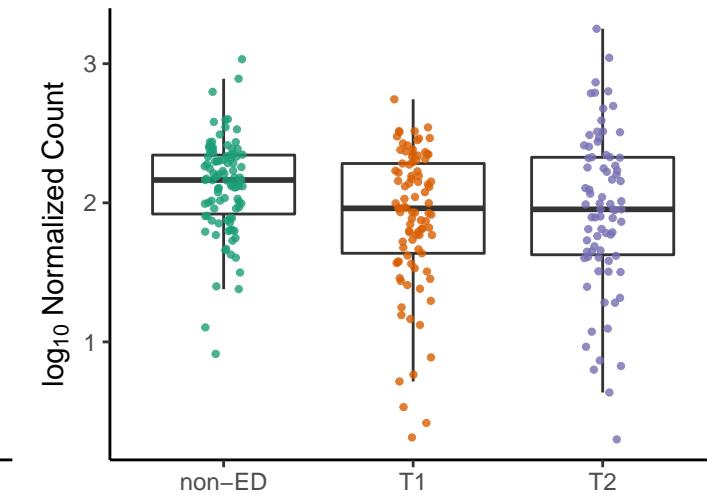
### *Rhodobacter blasticus*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.7



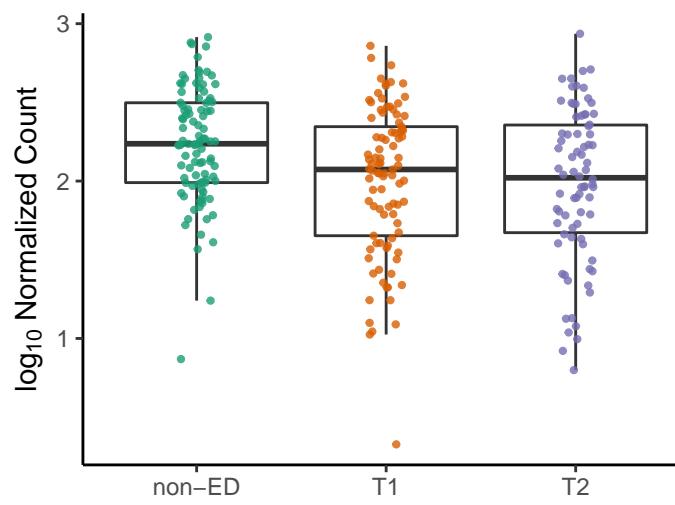
### *Mycolicibacterium pulveris*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



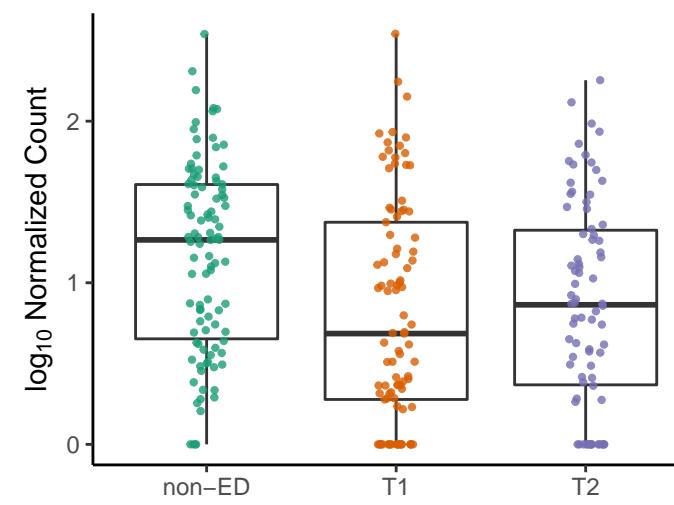
### *Singulisphaera acidiphila*

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



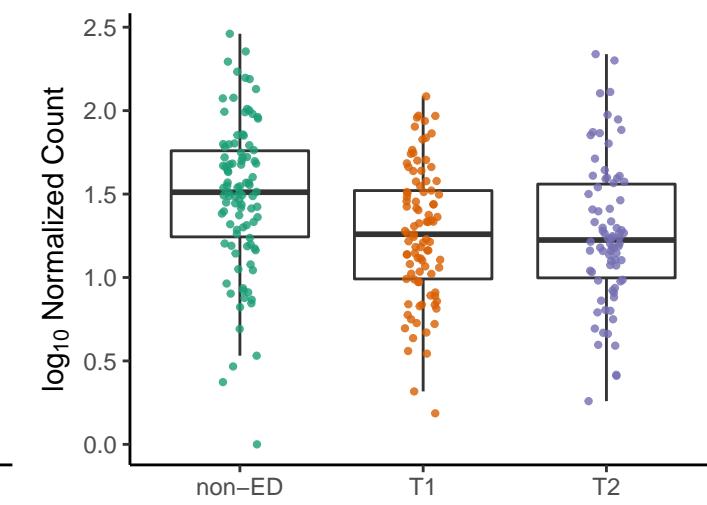
### Unclassified Rhodoluna Genus

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

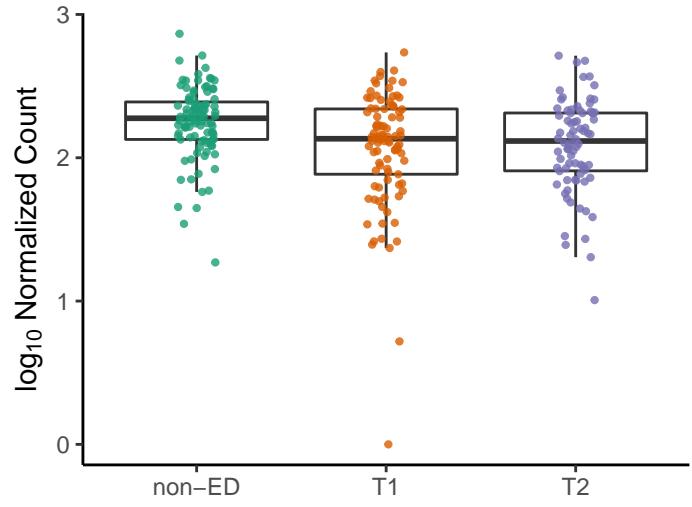


### *Yersinia canariae*

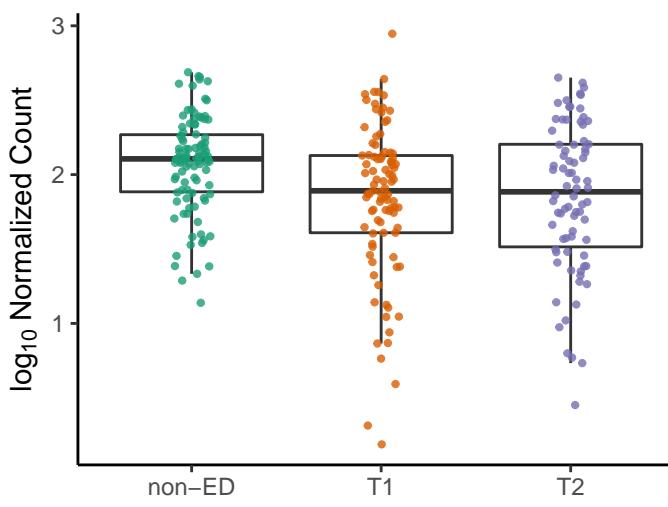
non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.88



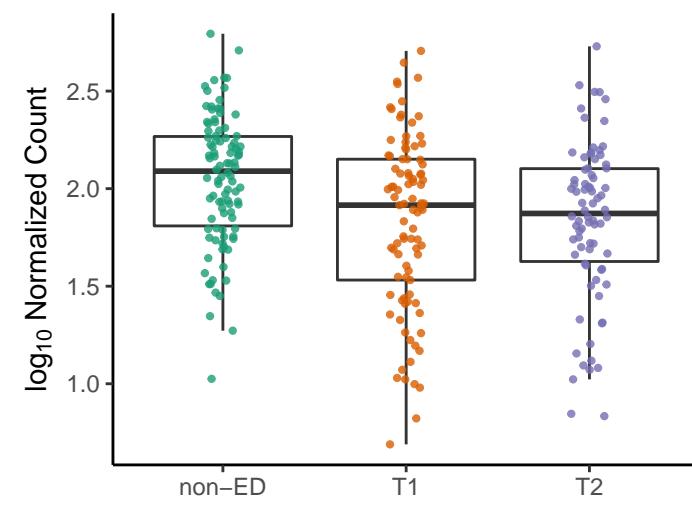
**Chlorobium phaeobacteroides**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0053  
T1 vs. T2 adjusted p = 0.74



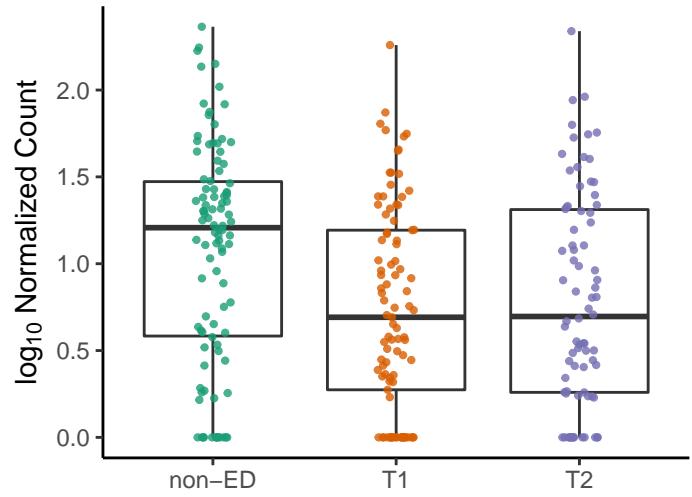
**Acidovorax sp. KKS102**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.79



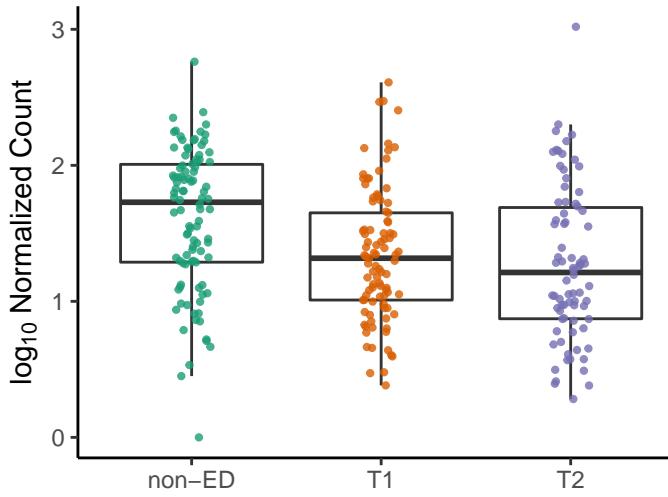
**Agrobacterium fabrum**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0046  
T1 vs. T2 adjusted p = 0.97



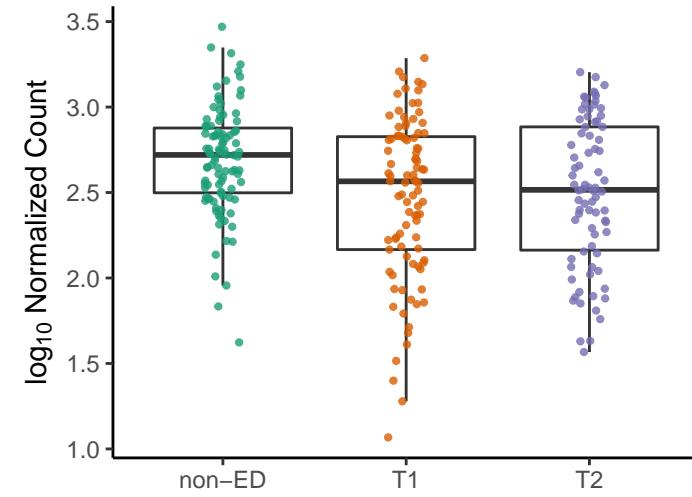
**Unclassified Thermaerovibrio Genus**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.7



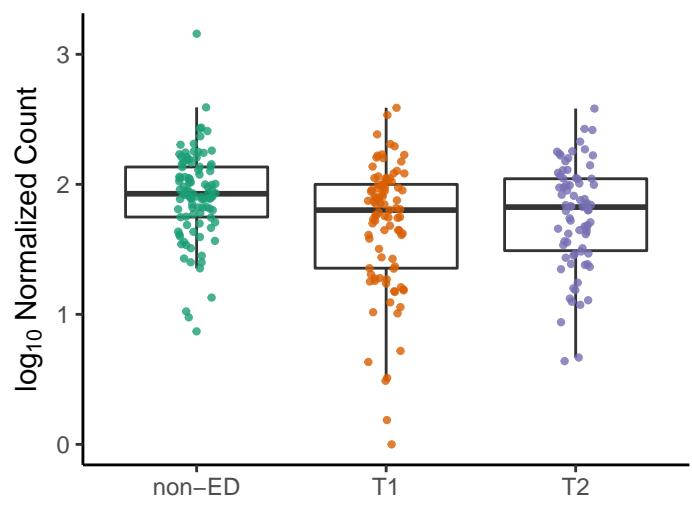
**Acinetobacter cumulans**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.77



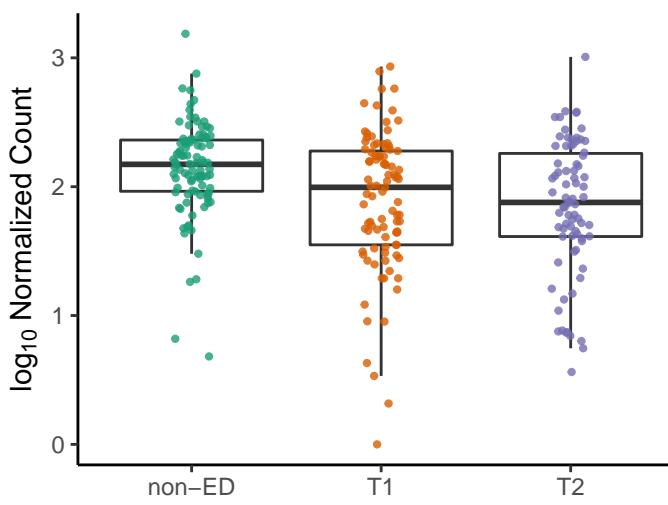
**Unclassified Xanthomonadaceae Family**  
non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.74



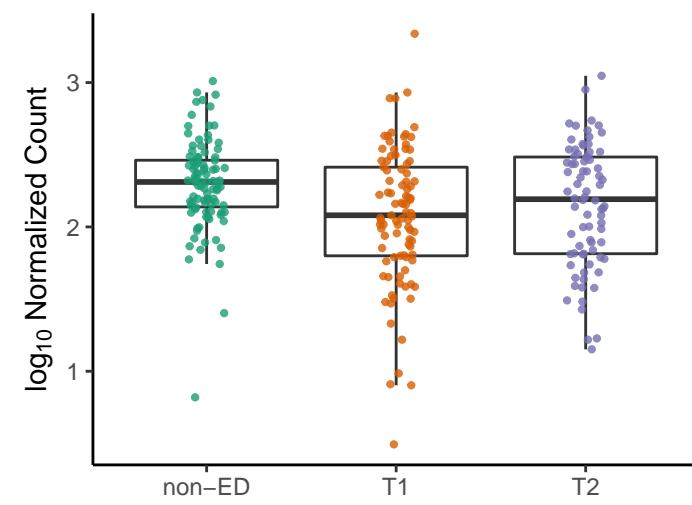
**Pseudomonas sp. DG56-2**  
non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.67



**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

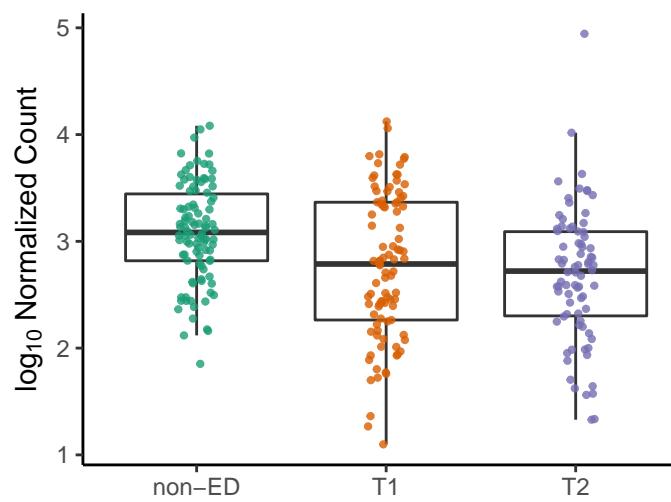


**Nocardia nova**  
non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.55



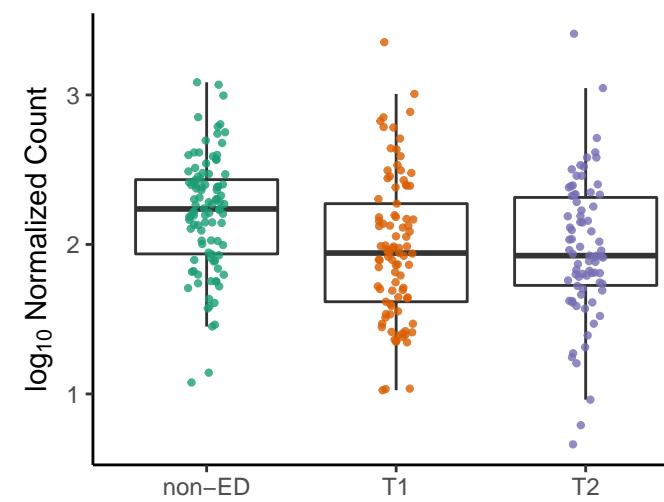
### *Actinomyces pacaensis*

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



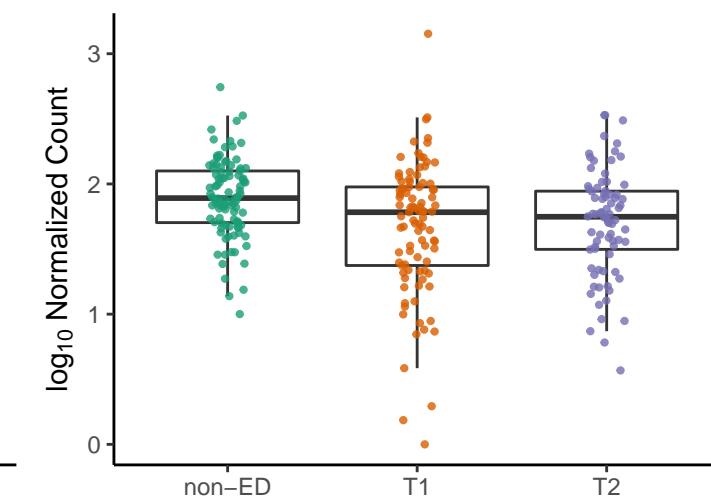
### *Lactococcus garvieae*

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



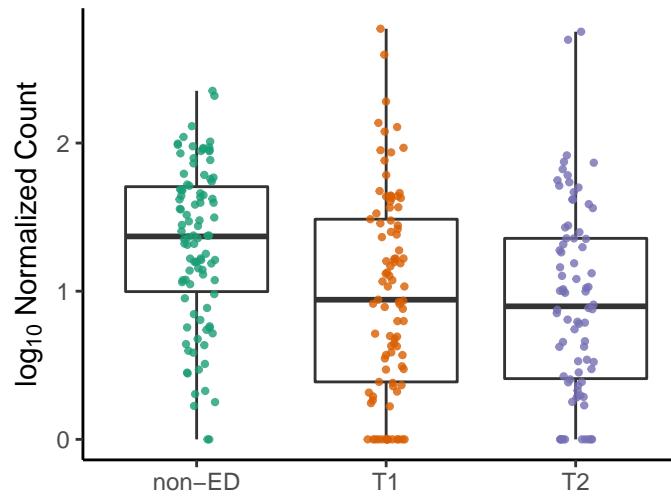
### *Neisseria lactamica*

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



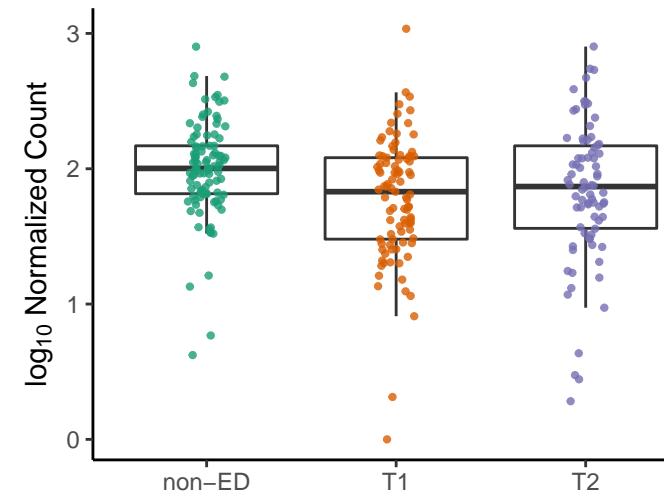
### *Pyrococcus abyssi*

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



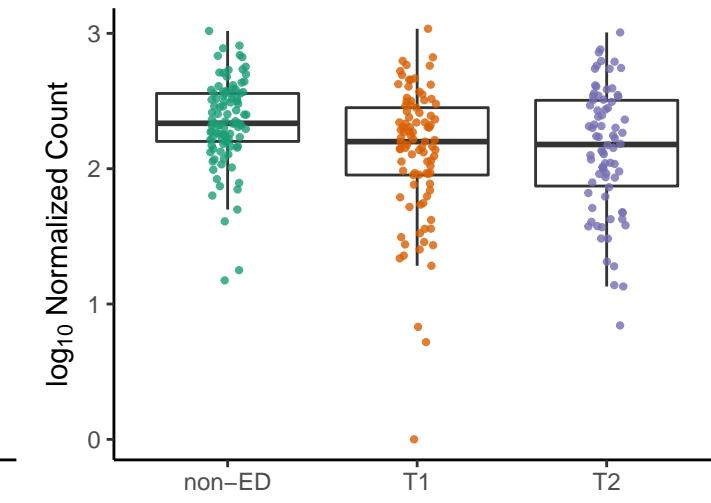
### *Pseudomonas sp. ATCC 13867*

non-ED vs. T1 adjusted  $p = 0.0043$   
 non-ED vs. T2 adjusted  $p = 0.059$   
 T1 vs. T2 adjusted  $p = 0.66$



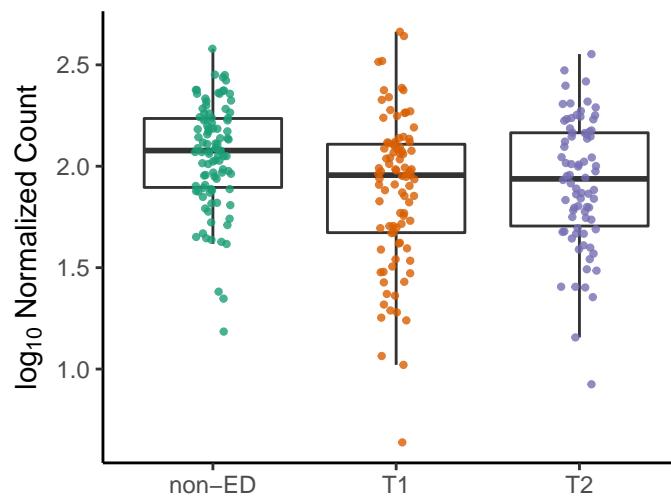
### Unclassified Sphingomonas Genus

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



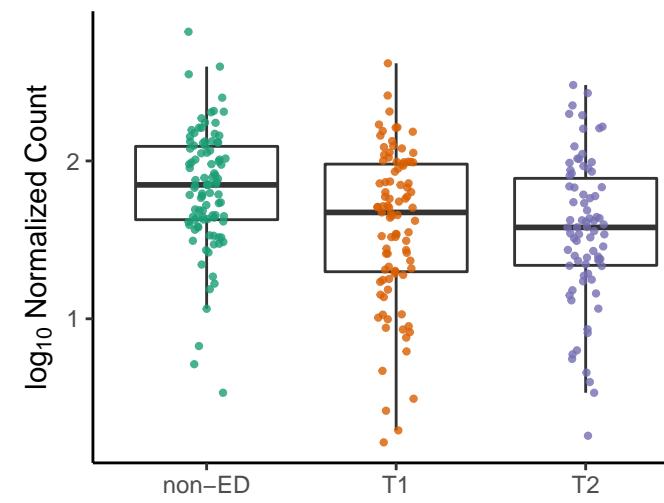
### *Lactobacillus mucosae*

non-ED vs. T1 adjusted  $p = 0.0043$   
 non-ED vs. T2 adjusted  $p = 0.016$   
 T1 vs. T2 adjusted  $p = 0.73$



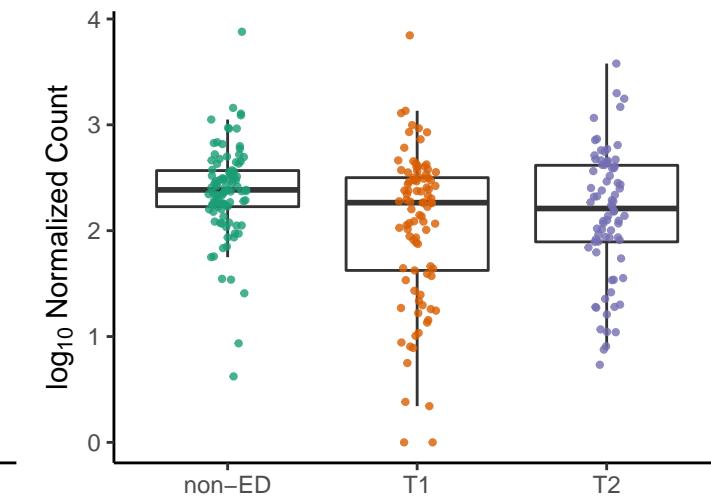
### *Paraoerskovia marina*

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



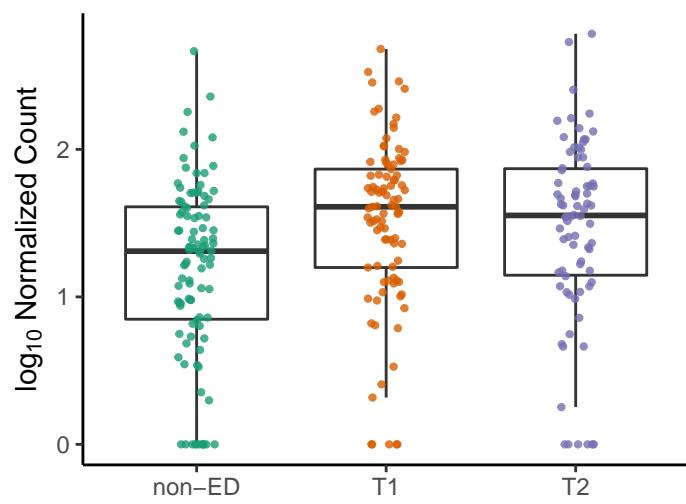
### Unclassified Olsenella Genus

non-ED vs. T1 adjusted  $p = 0.0043$   
 non-ED vs. T2 adjusted  $p = 0.037$   
 T1 vs. T2 adjusted  $p = 0.66$



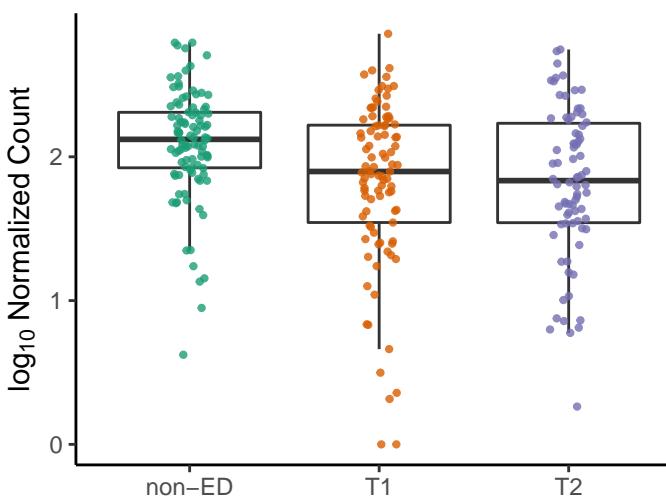
### Unclassified Aequorivita Genus

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.76



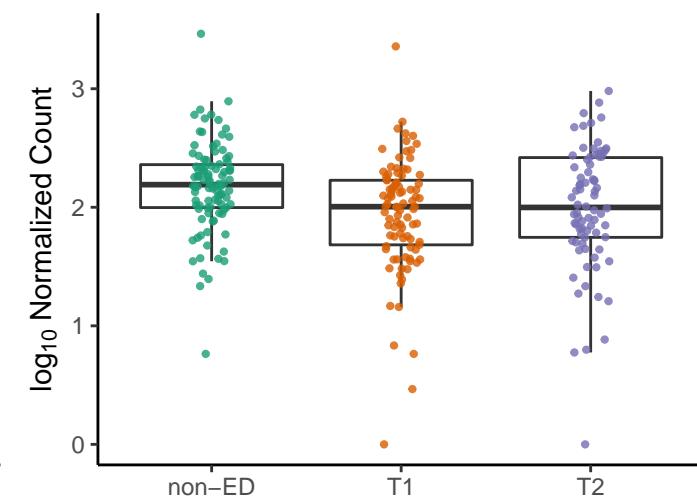
### Rhodobacteraceae bacterium BAR1

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



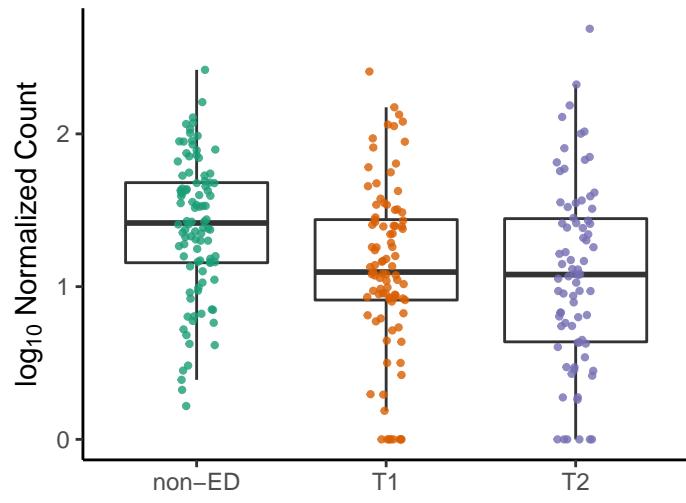
### Mycolicibacterium duvalii

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.67



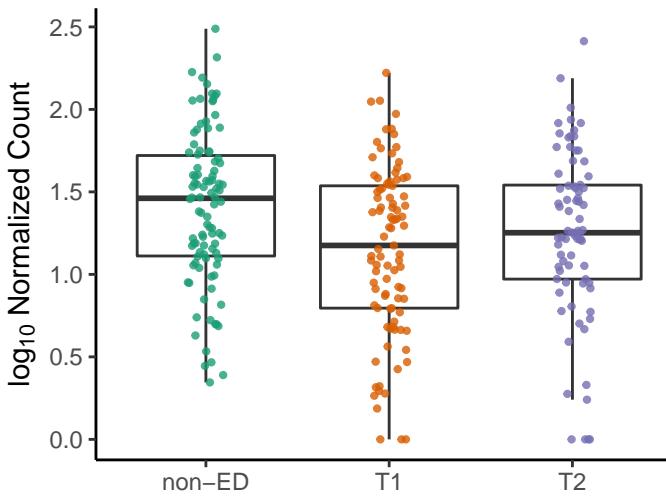
### Mycoplasma agalactiae

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



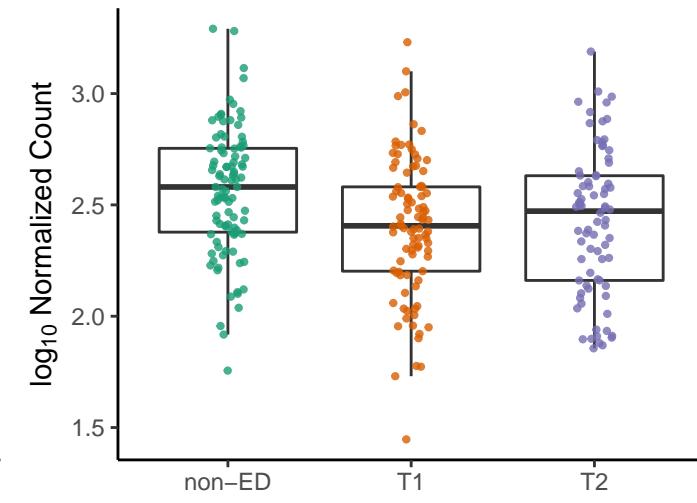
### Pseudomonas sp. THAF7b

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.63



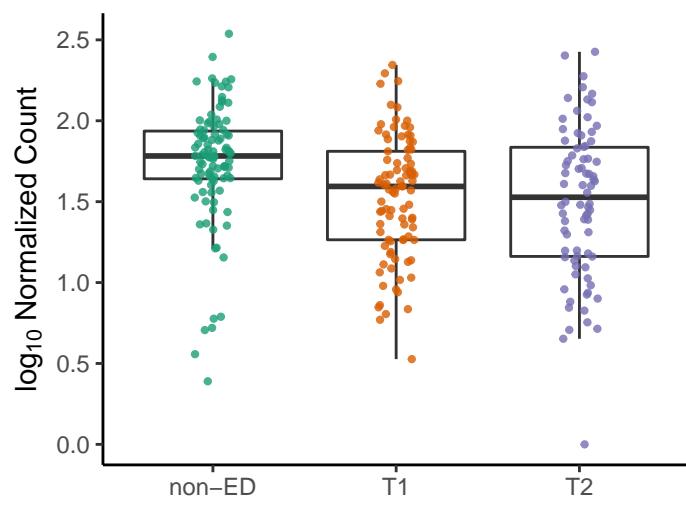
### Paenibacillus yonginensis

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.76



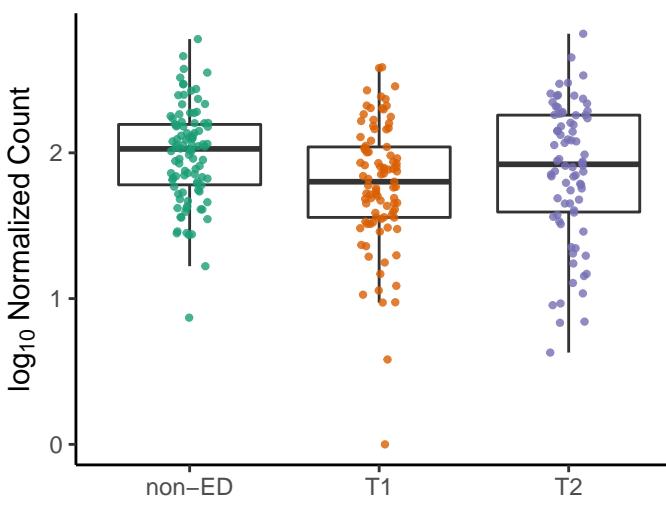
### Lacinutrix venerupis

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



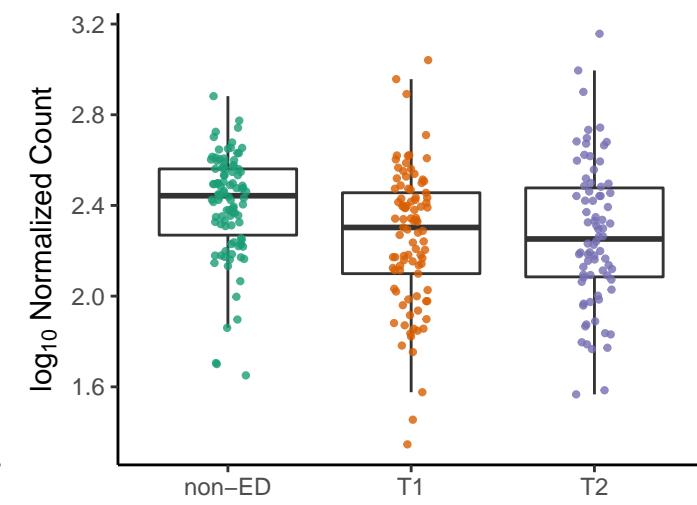
### Mycolicibacterium madagascariense

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.63



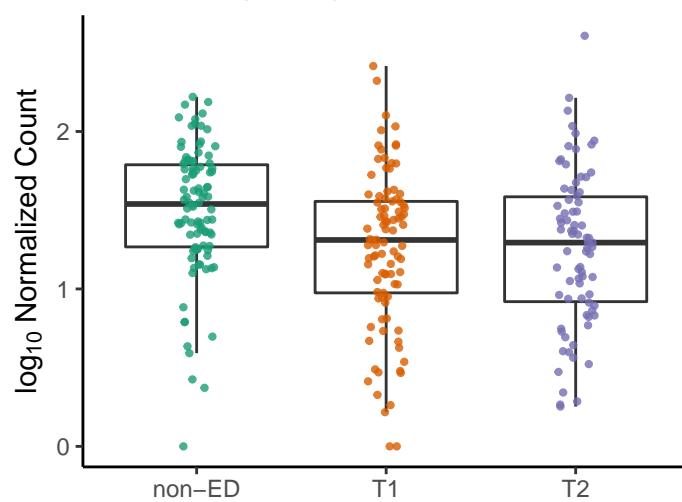
### Paenibacillaceae bacterium GAS479

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.77



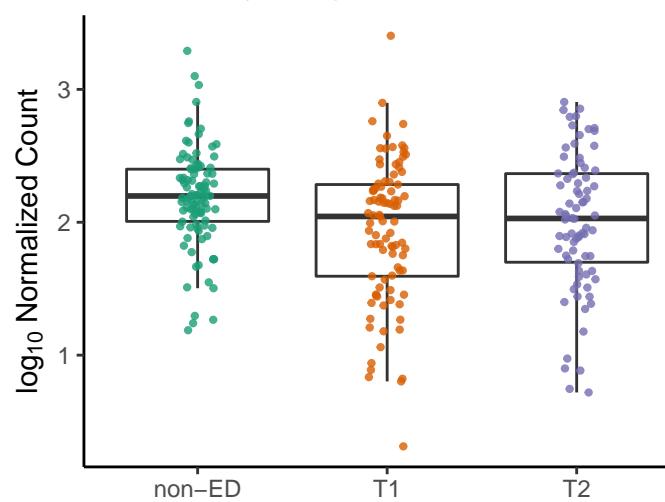
### *Acinetobacter defluvii*

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



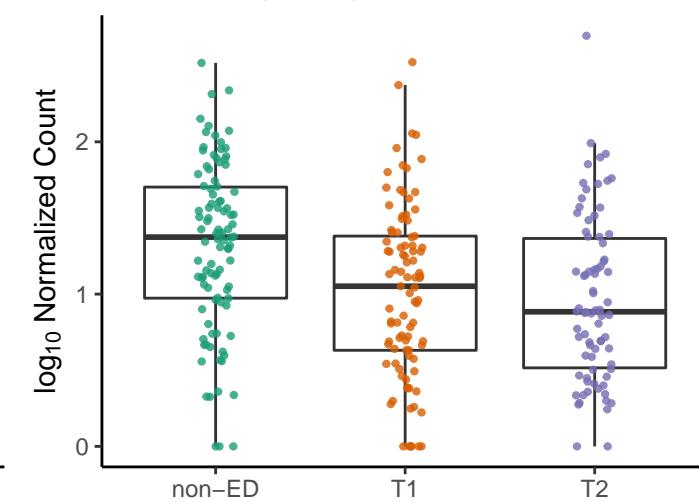
### *Caulobacter vibrioides*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.66



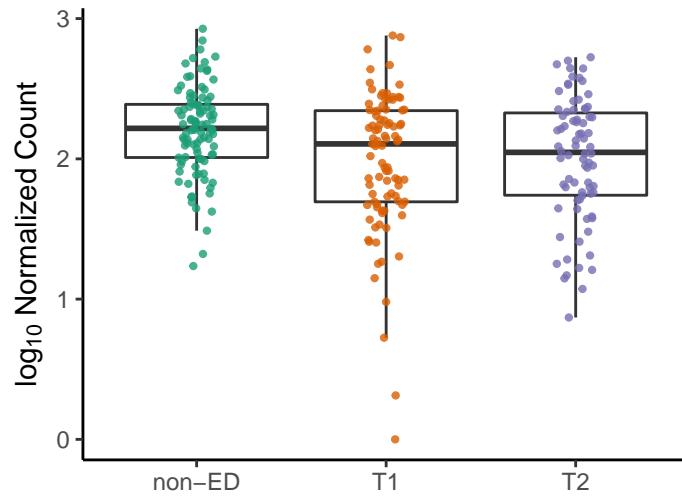
### Unclassified Cellulophaga Genus

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



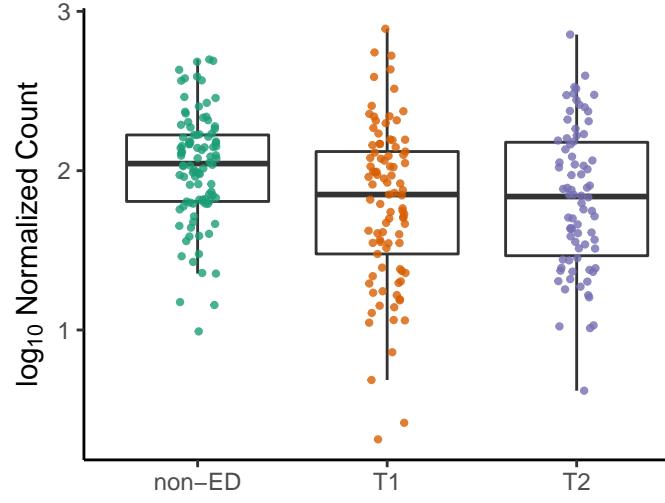
### *Pseudomonas knackmussii*

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



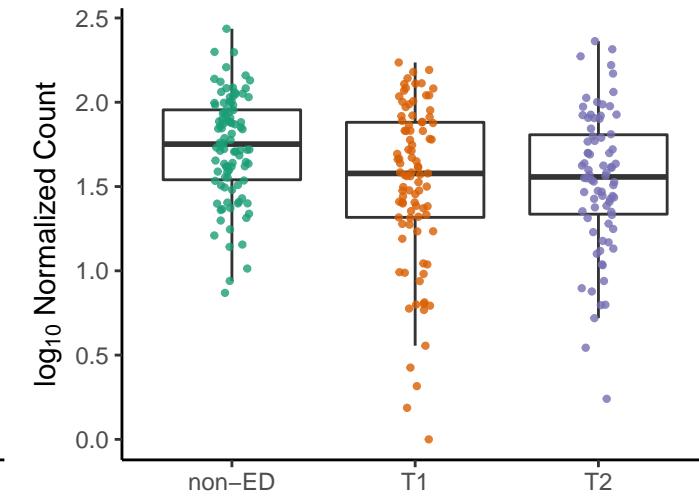
### *Hydrogenophaga crassostreae*

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



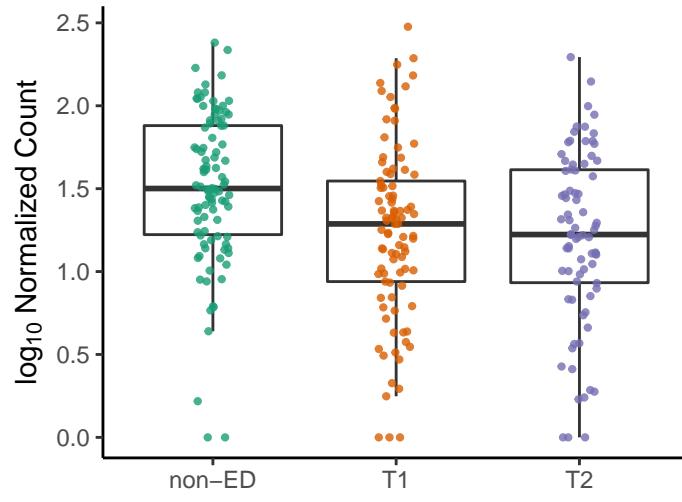
### *Acetobacter ascendens*

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



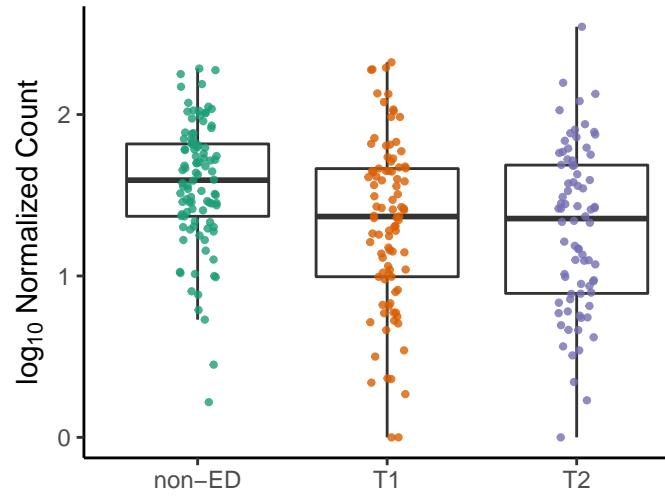
### *Anabaena sp. WA102*

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



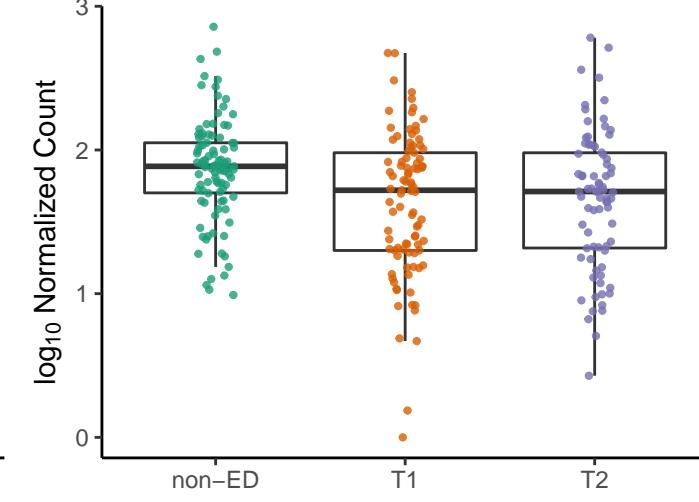
### *Arcobacter cibarius*

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



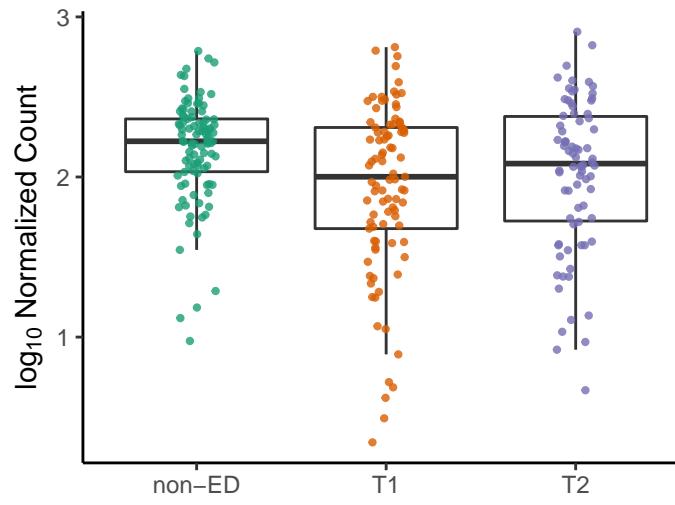
### *Corynebacterium glaucum*

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



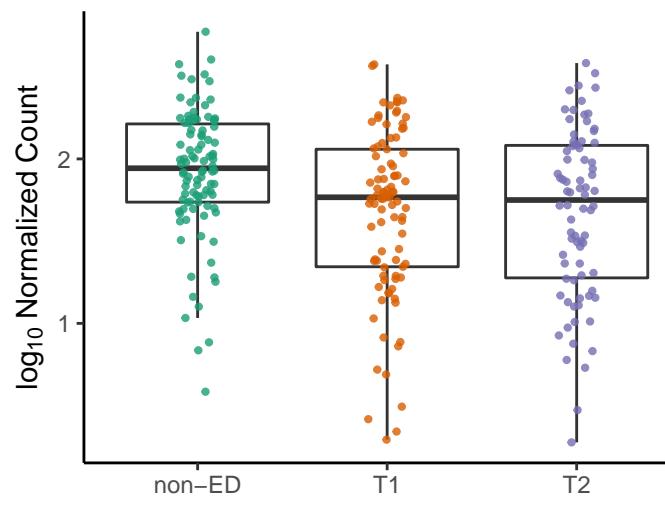
### Laribacter hongkongensis

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.67



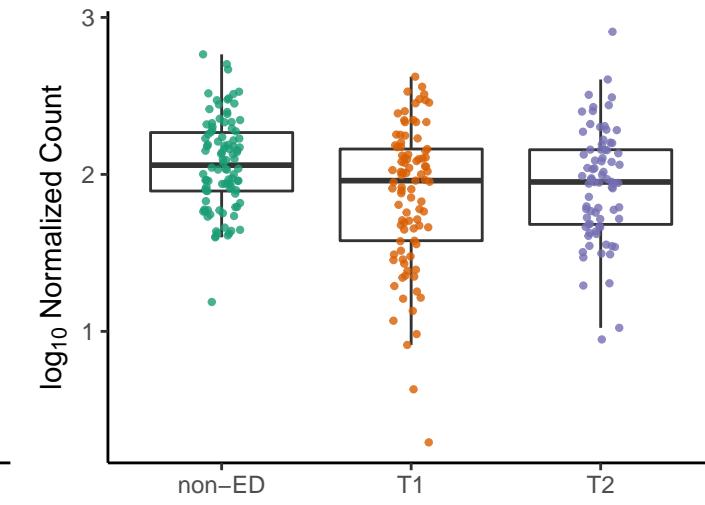
### Microbacterium sp. RG1

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



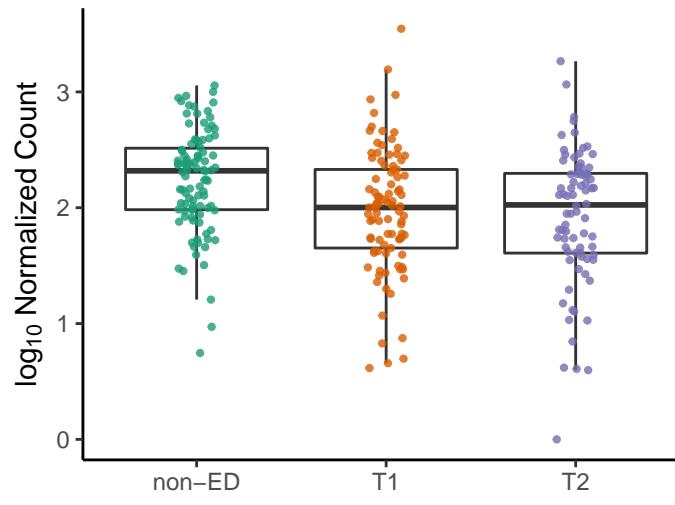
### Paraburkholderia sp. 7Q-K02

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.7



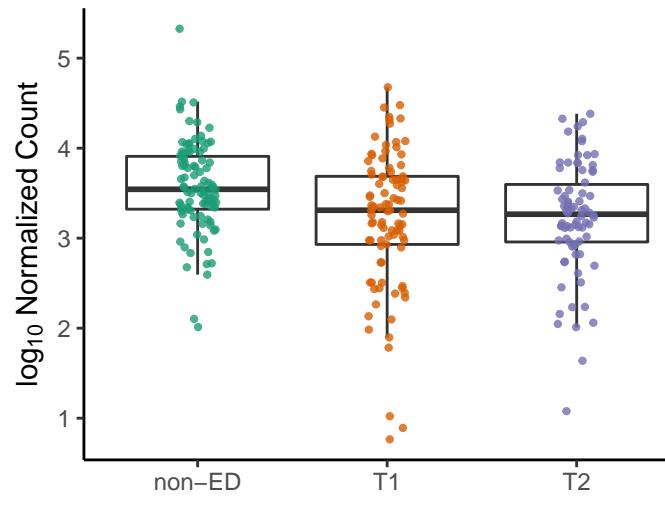
### Streptococcus gwangjuense

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



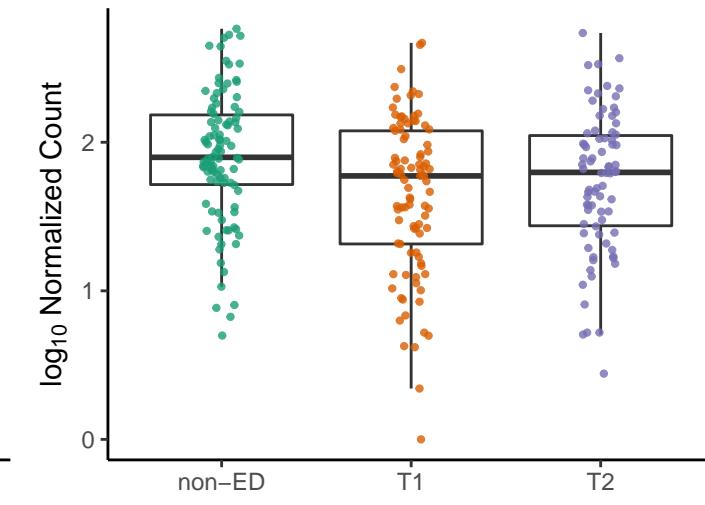
### Unclassified Coriobacteriia Class

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



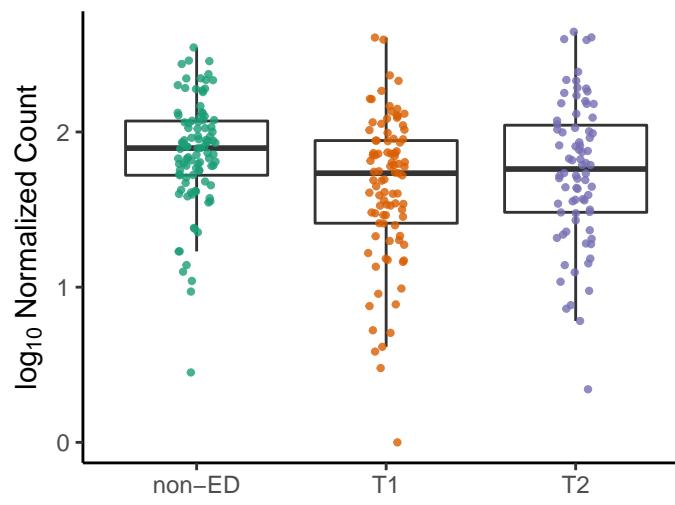
### Unclassified Cryobacterium Genus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.63



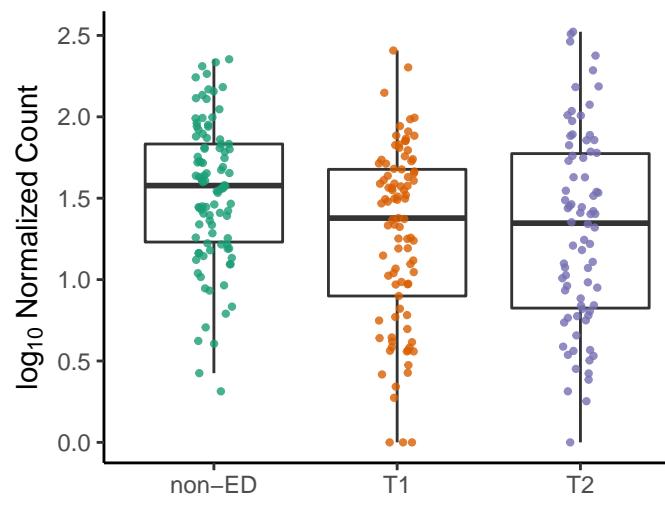
### [Pasteurella] aerogenes

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.67



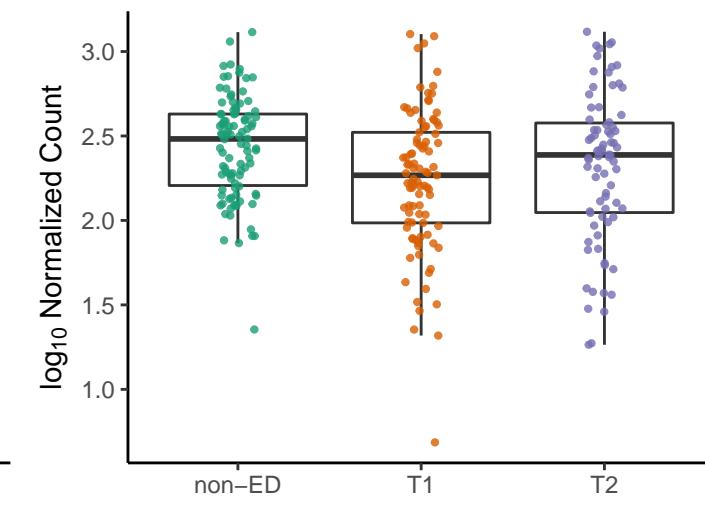
### Burkholderia pseudomultivorans

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.97



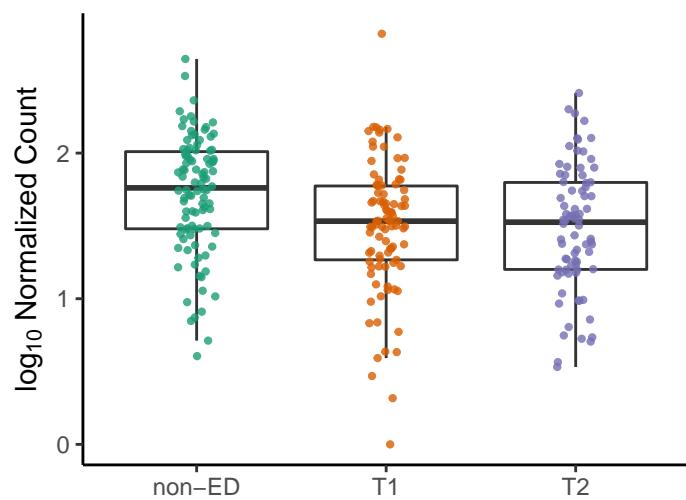
### Bifidobacterium actinocoloniiforme

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.61



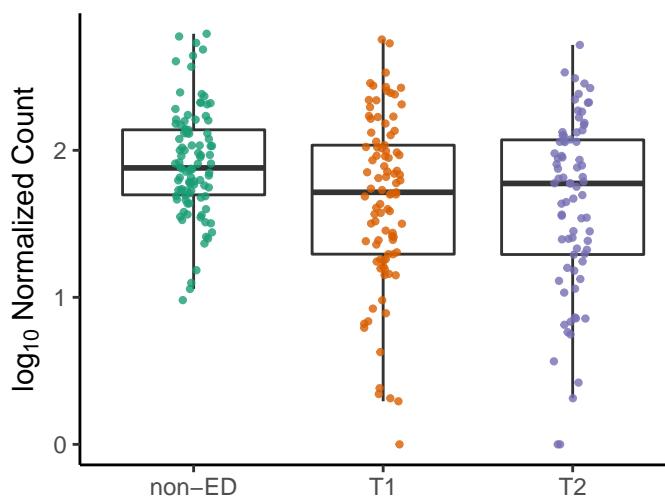
### *Phytobacter ursingii*

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



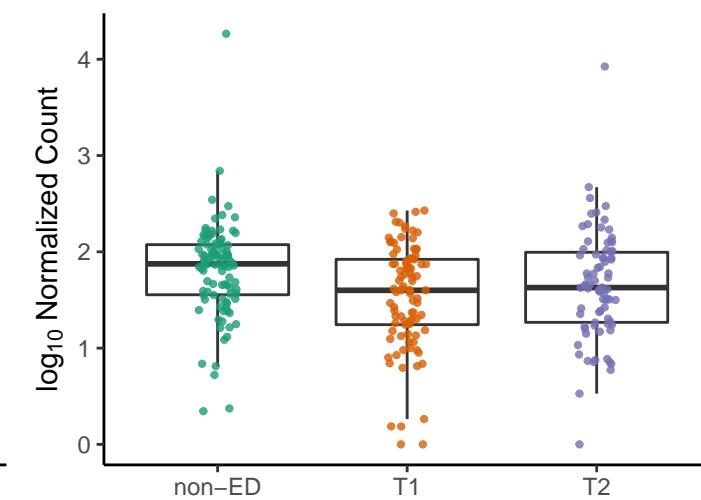
### *Luteimonas yindakuii*

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



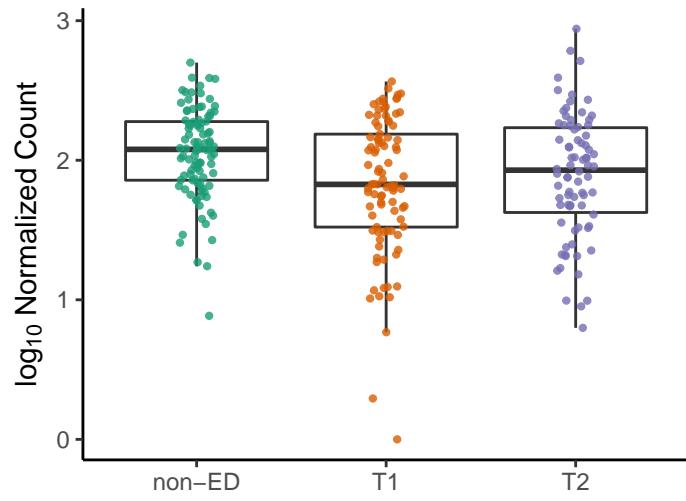
### *Pseudomonas versuta*

non-ED vs. T1 adjusted p = 0.005  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.61



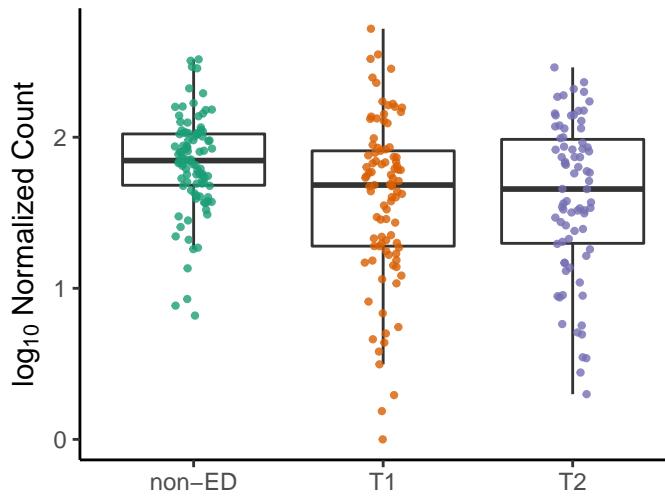
### *Arthrobacter sp. ZXY-2*

non-ED vs. T1 adjusted p = 0.005  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.7



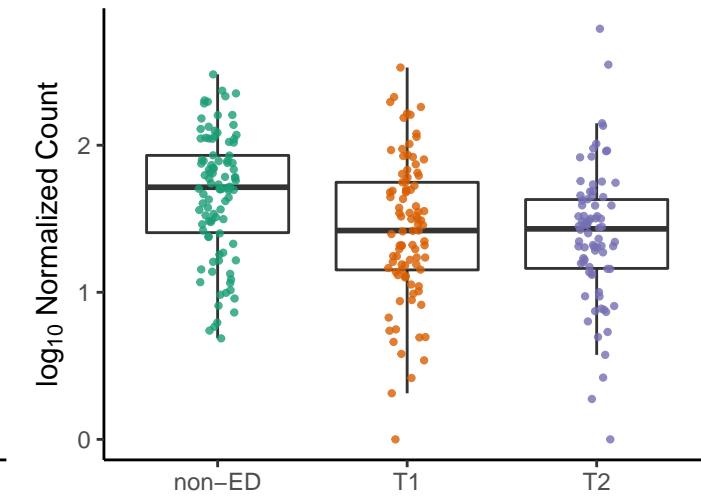
### *Mycobacterium mantenii*

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



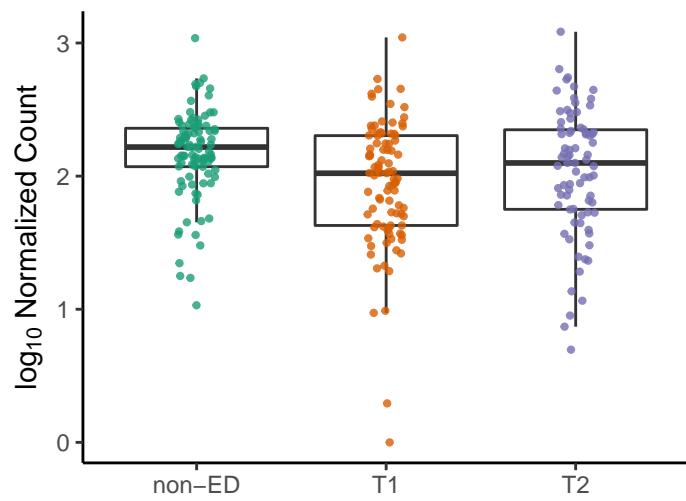
### *Mesorhizobium sp. M7A.F.Ce.TU.012.03*

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



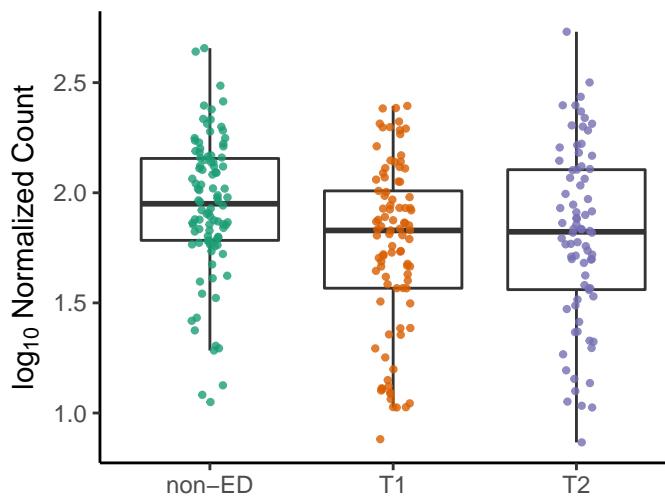
### *Hylemonella gracilis*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.56



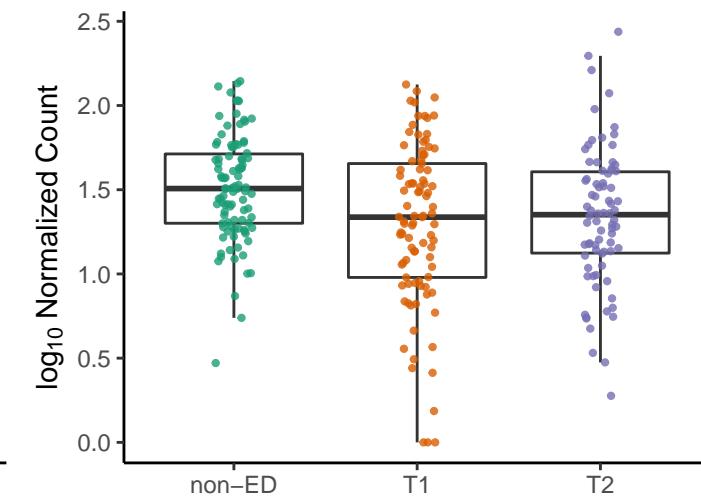
### *Lacimicrobium alkaliphilum*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.67



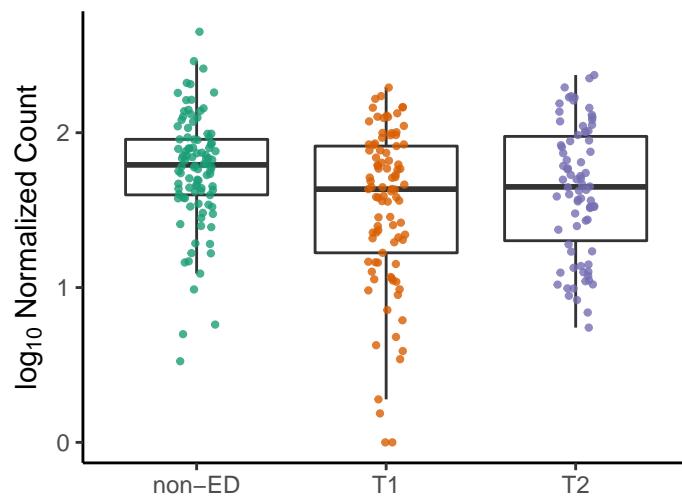
### *Pontimonas salivibrio*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.7



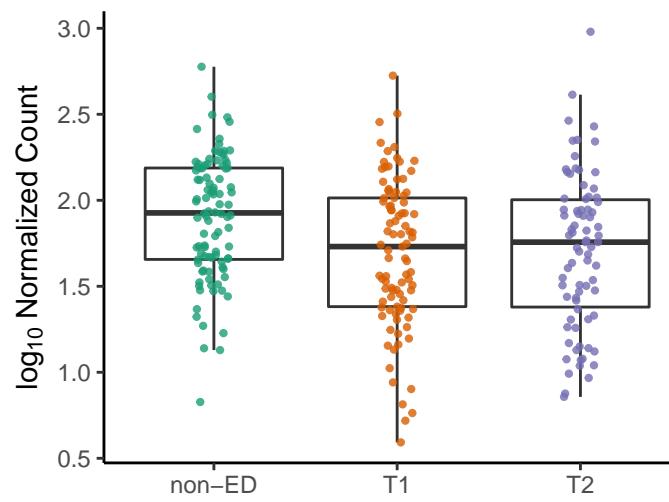
### *Corynebacterium geronticis*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.45



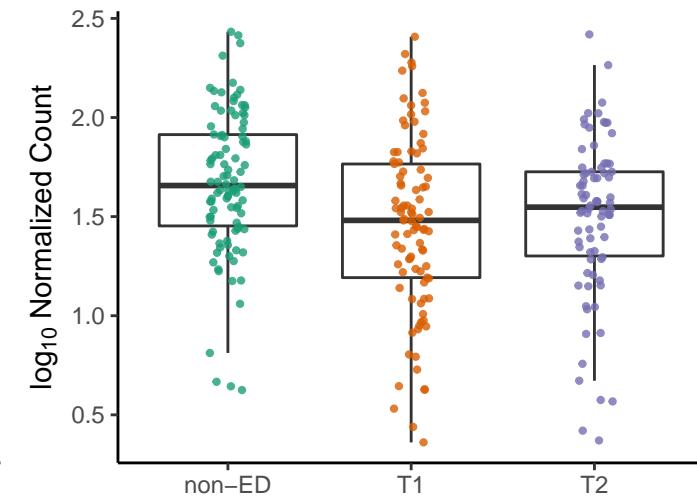
### *Microbacterium pygmaeum*

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



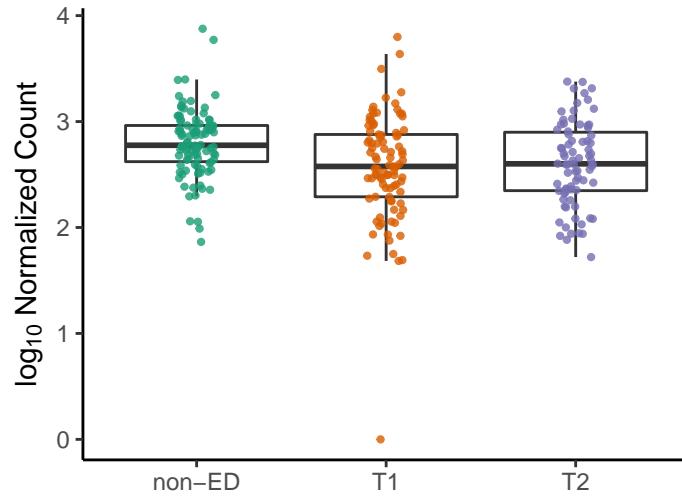
### *Mycoplasma sp. (ex Biomphalaria glabra)*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.81



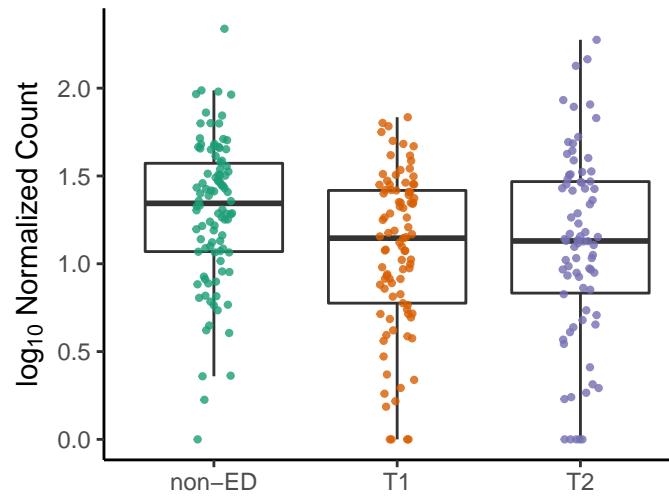
### *Phoenicibacter congonensis*

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



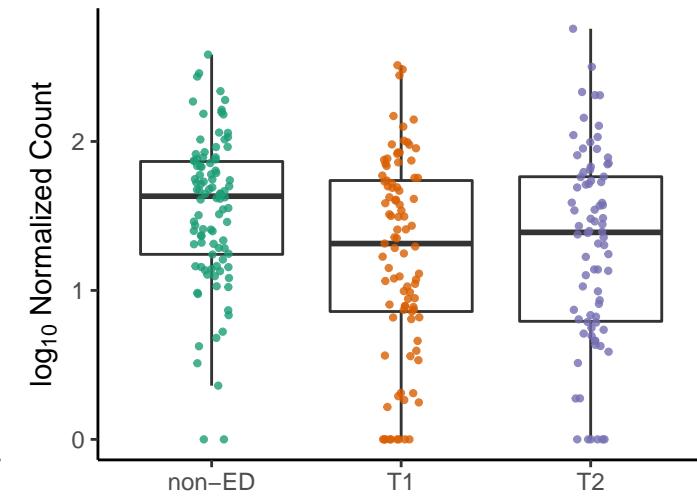
### *Pseudoalteromonas translucida*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 1



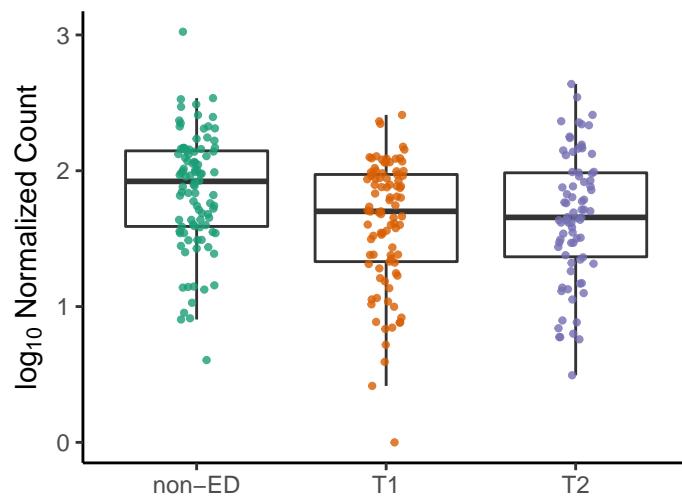
### Unclassified Tsukamurella Genus

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.7



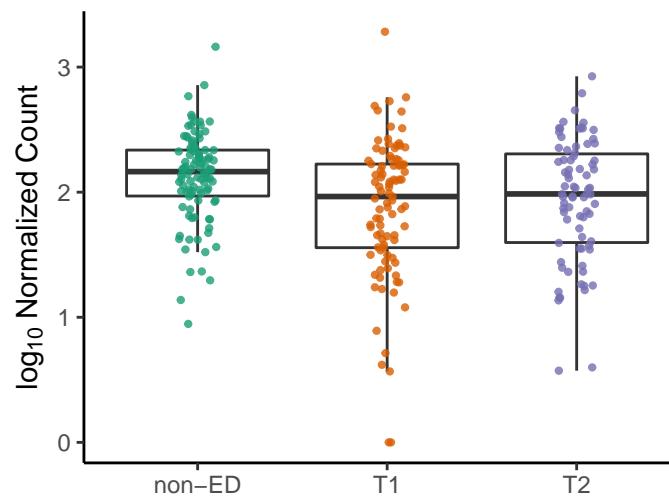
### *Pseudomonas* sp. 02C 26

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.79



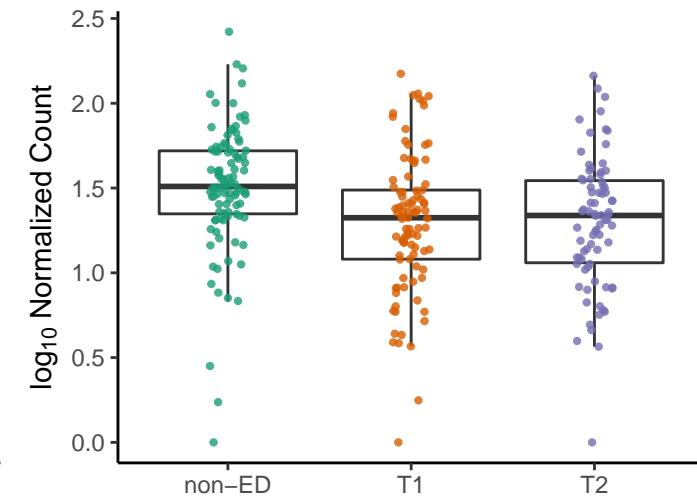
### *Cellulomonas* sp. H30R-01

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.68



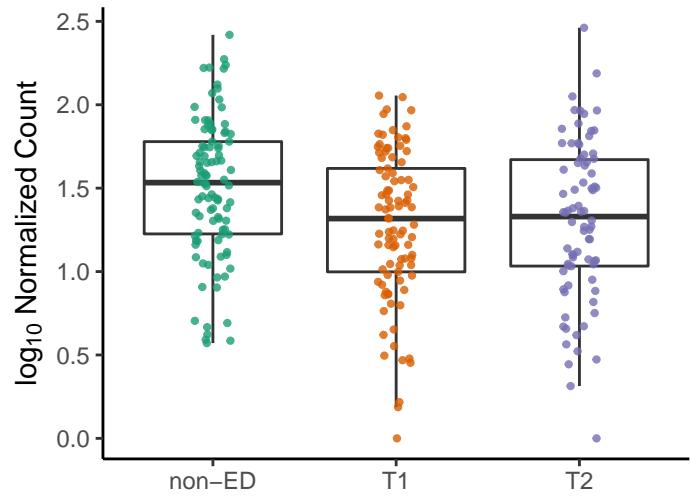
### *Proteus hauseri*

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



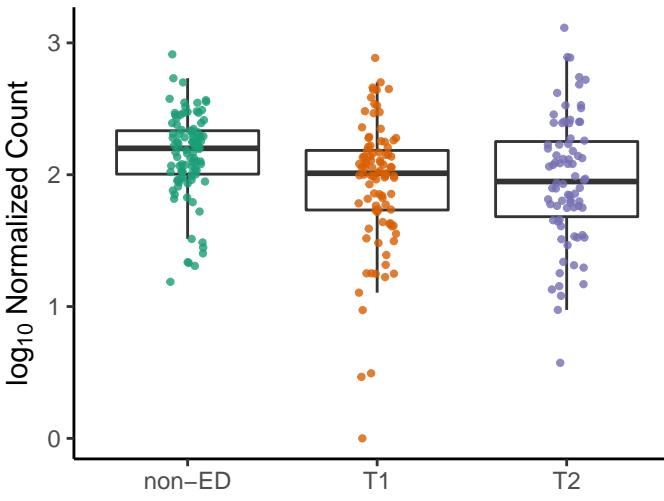
### *Bartonella vinsonii*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.89



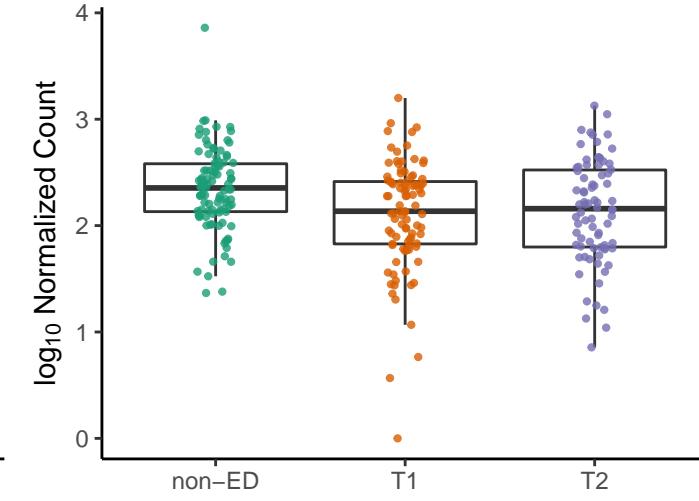
### *Thermoplasmatales archaeon BRNA1*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.74



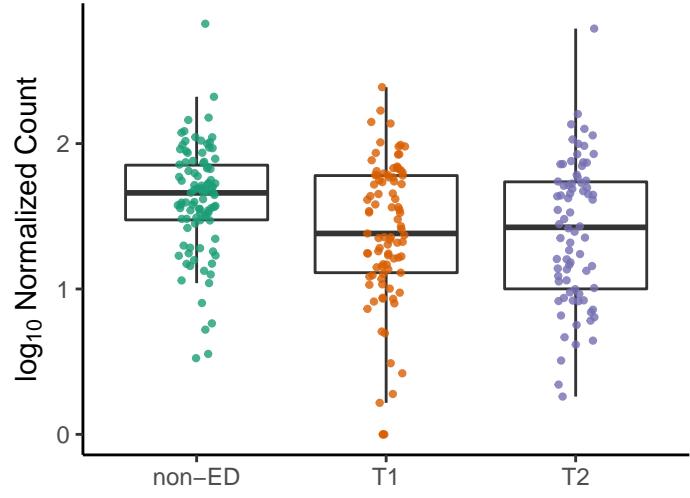
### *Massilia oculi*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.68



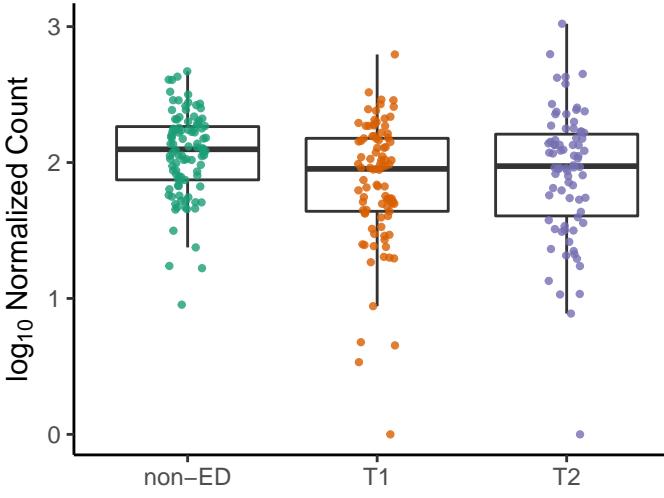
### *Clostridium ljungdahlii*

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



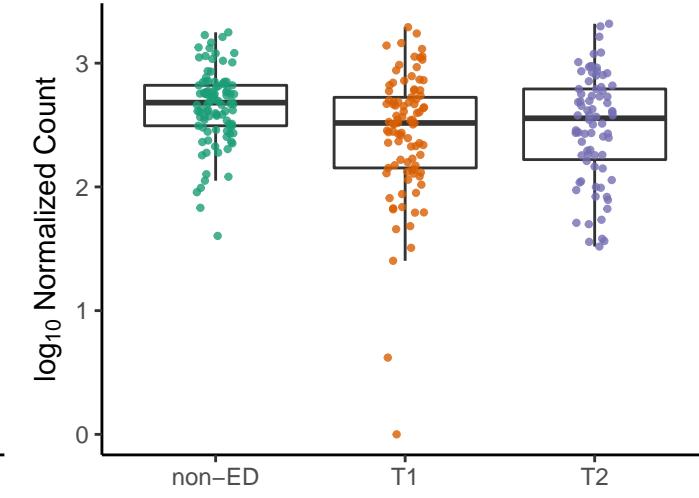
### *Streptomyces coeruleorubidus*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.68



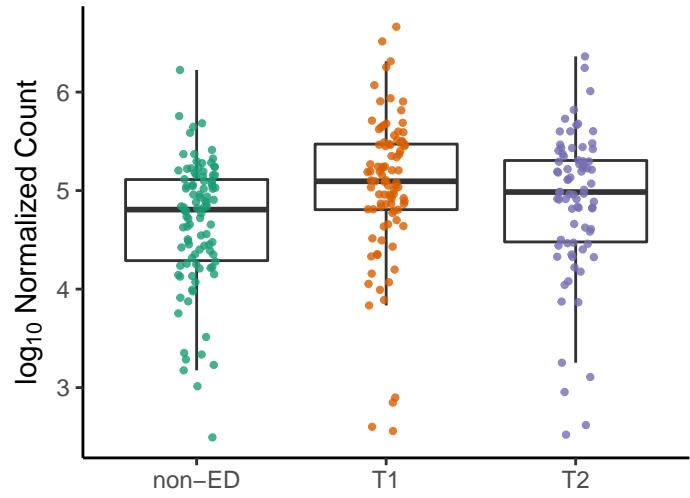
### Unclassified *Bordetella* Genus

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.7



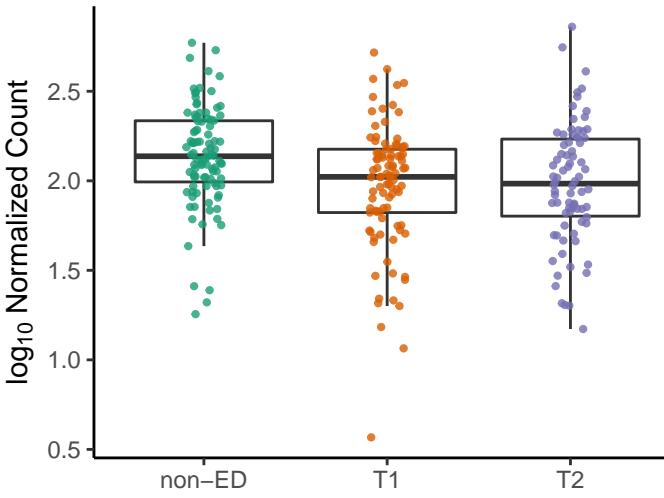
### *Bacteroides fragilis*

non-ED vs. T1 adjusted p = 0.0053  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.56



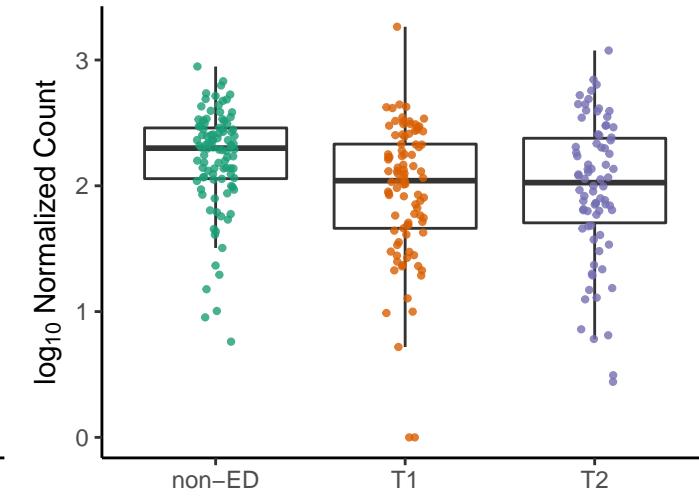
### *Pantoea ananatis*

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



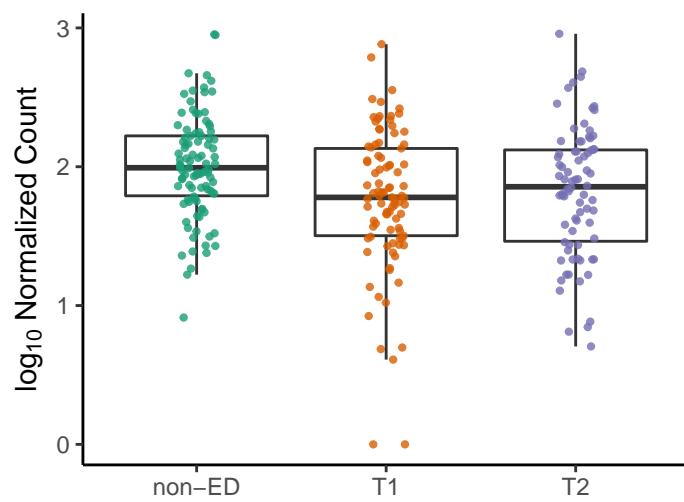
### *Salinicola tamaricis*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.84



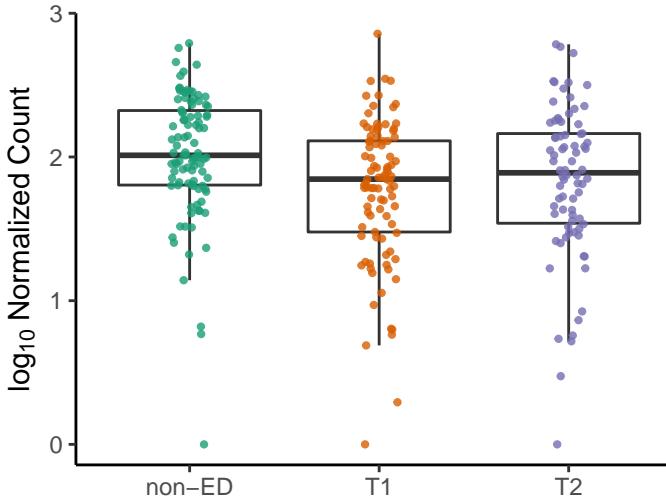
### *Erwinia tasmaniensis*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.67



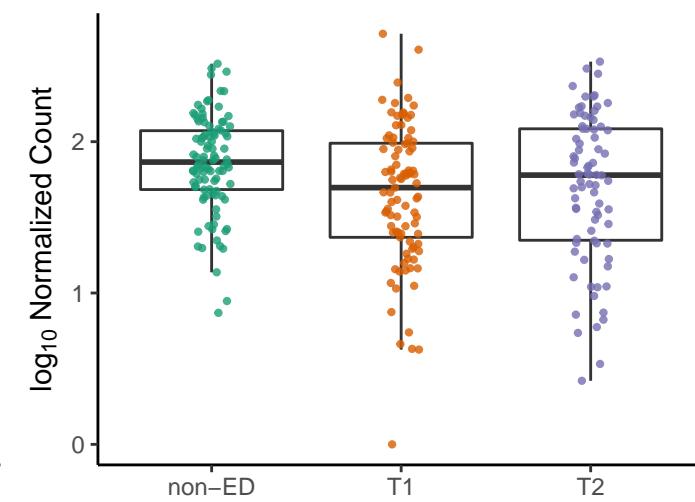
### *Aeromicrobium sp. MF47*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.7



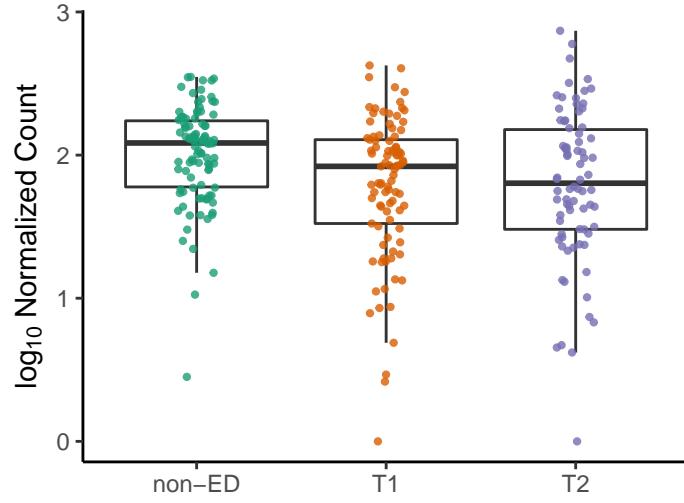
### *Acidiferrobacter sp. SPIII\_3*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.68



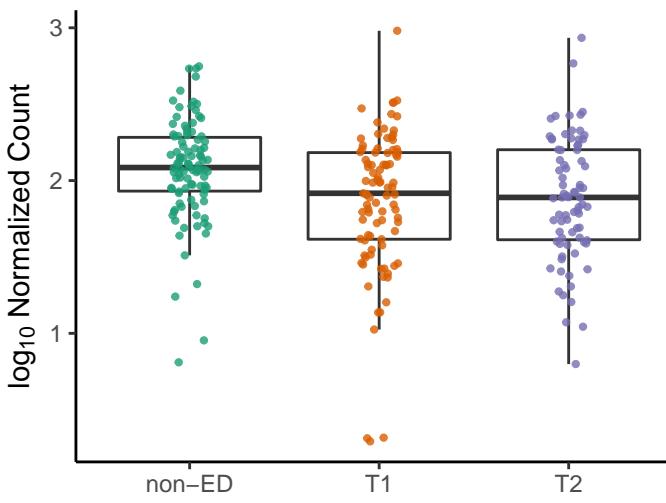
### *Altererythrobacter namhicola*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



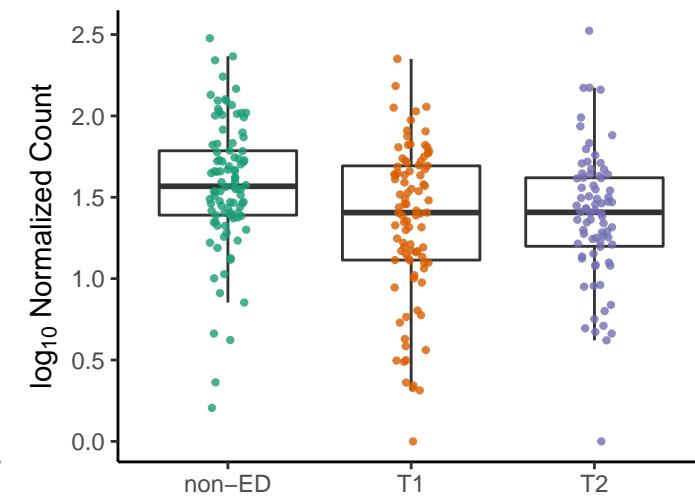
### *Chromatiaceae bacterium 2141T.STBD.(C)*

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



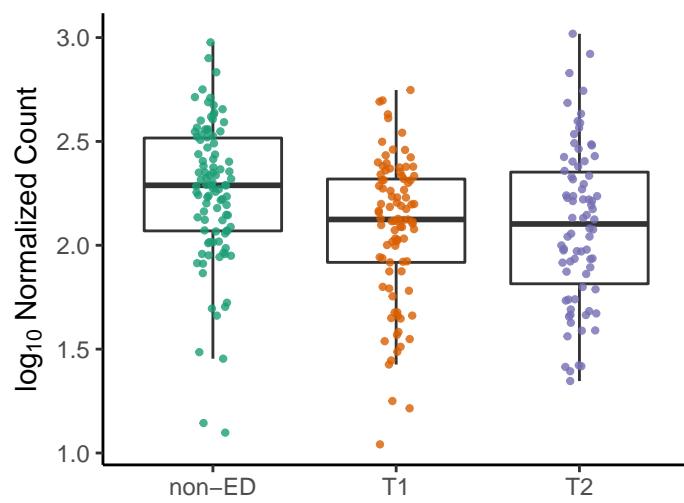
### *Herminiimonas arsenitoxidans*

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



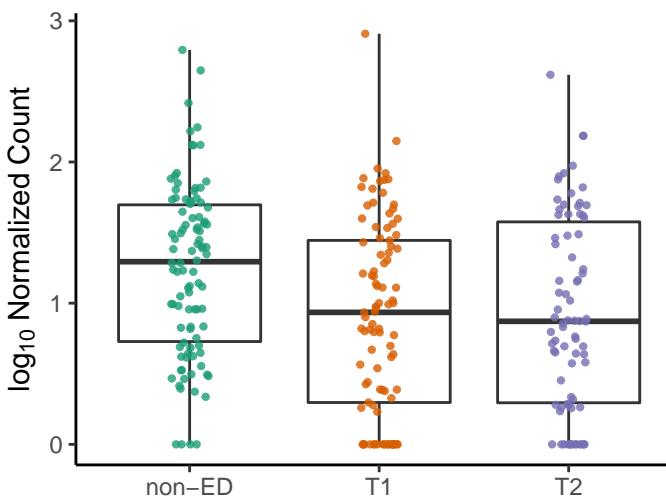
### *Pochonia chlamydosporia*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.93



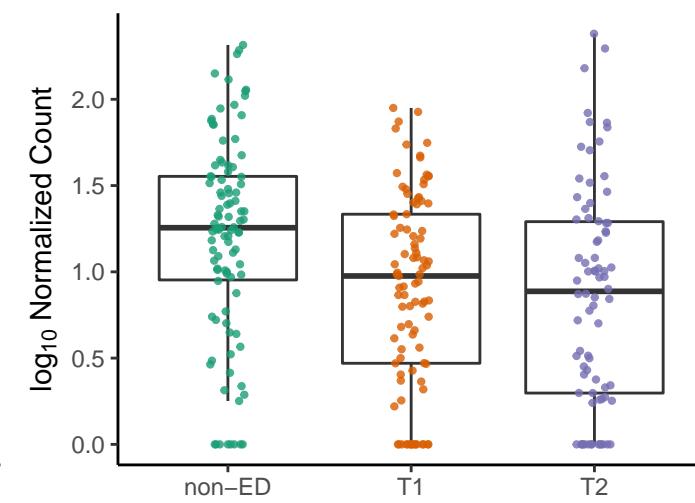
### *Pseudomonas soli*

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



### *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

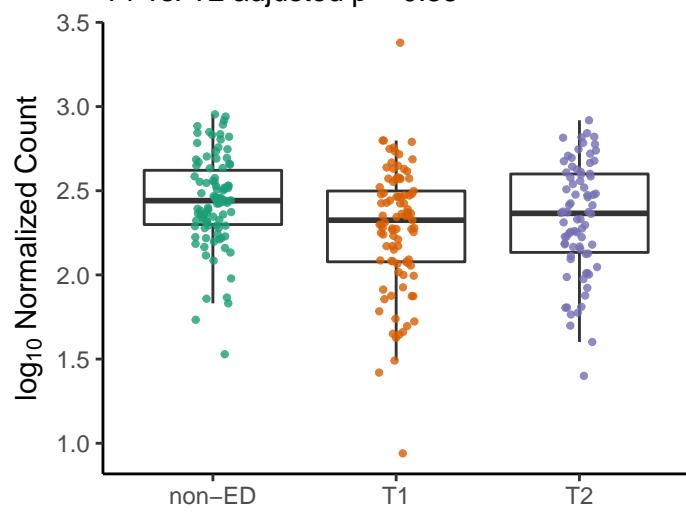


### *Granulibacter bethesdensis*

non-ED vs. T1 adjusted p = 0.0059

non-ED vs. T2 adjusted p = 0.063

T1 vs. T2 adjusted p = 0.55

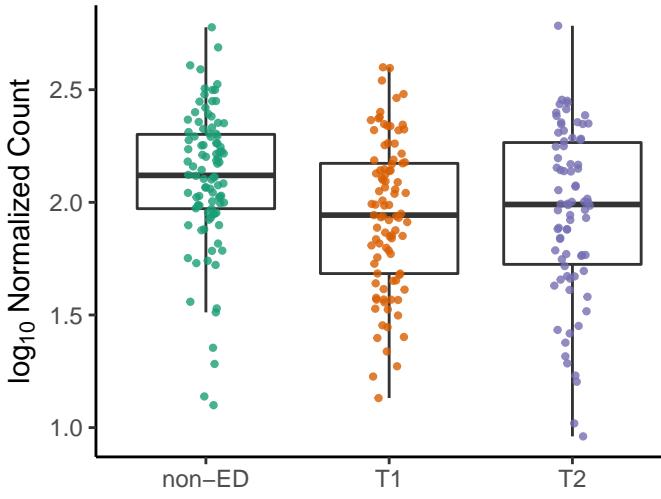


### Unclassified Nostoc Genus

non-ED vs. T1 adjusted p = 0.0059

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.91

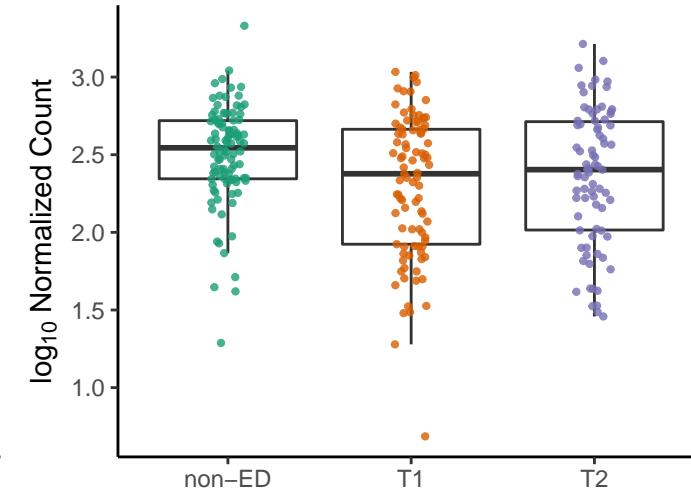


### *Nocardia terpenica*

non-ED vs. T1 adjusted p = 0.0059

non-ED vs. T2 adjusted p = 0.056

T1 vs. T2 adjusted p = 0.66

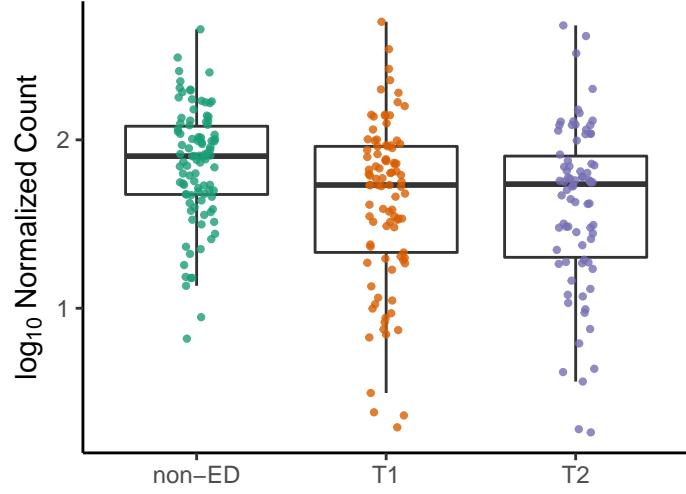


### *Synechococcus* sp. KORDI-52

non-ED vs. T1 adjusted p = 0.0059

non-ED vs. T2 adjusted p = 0.0048

T1 vs. T2 adjusted p = 0.96

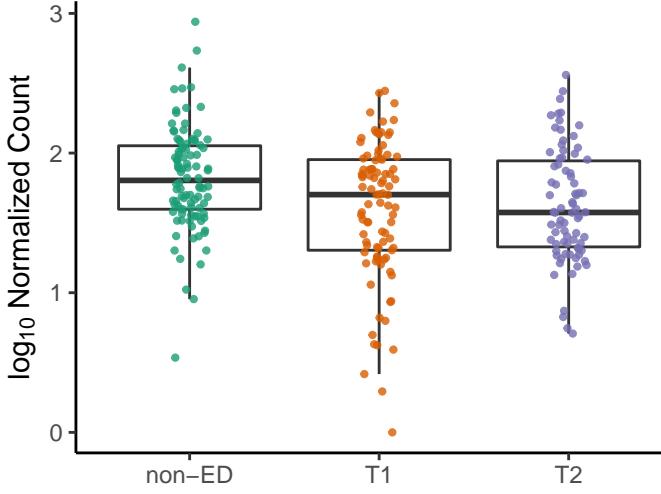


### *Thalassococcus* sp. S3

non-ED vs. T1 adjusted p = 0.0059

non-ED vs. T2 adjusted p = 0.0099

T1 vs. T2 adjusted p = 0.73

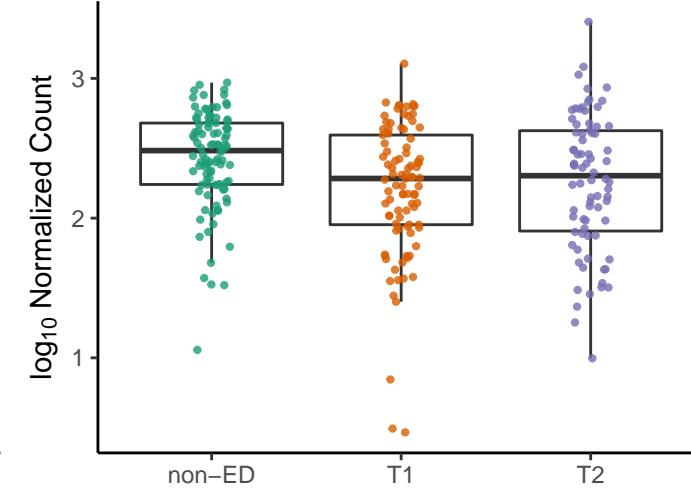


### *Conexibacter woesei*

non-ED vs. T1 adjusted p = 0.006

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.73

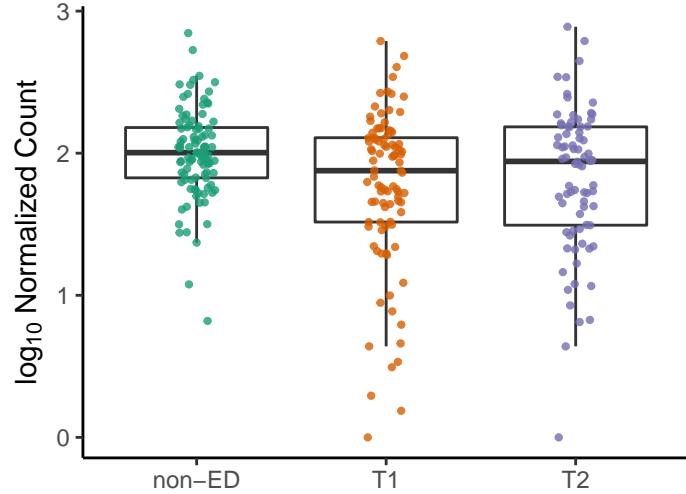


### *Neisseria animalis*

non-ED vs. T1 adjusted p = 0.006

non-ED vs. T2 adjusted p = 0.032

T1 vs. T2 adjusted p = 0.67

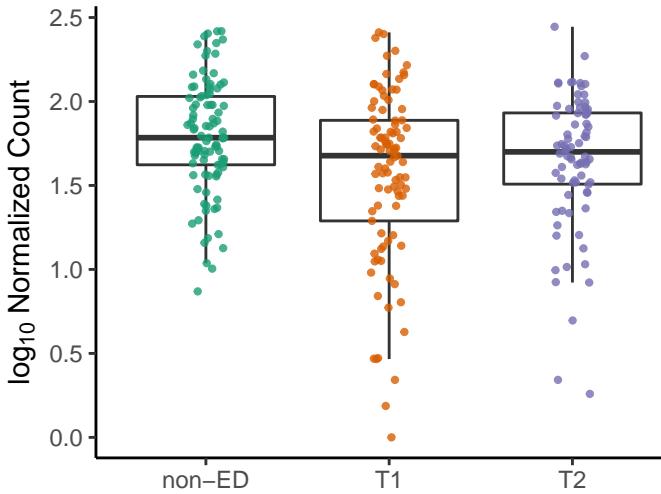


### *Sulfitobacter* sp. BSw21498

non-ED vs. T1 adjusted p = 0.0061

non-ED vs. T2 adjusted p = 0.045

T1 vs. T2 adjusted p = 0.63

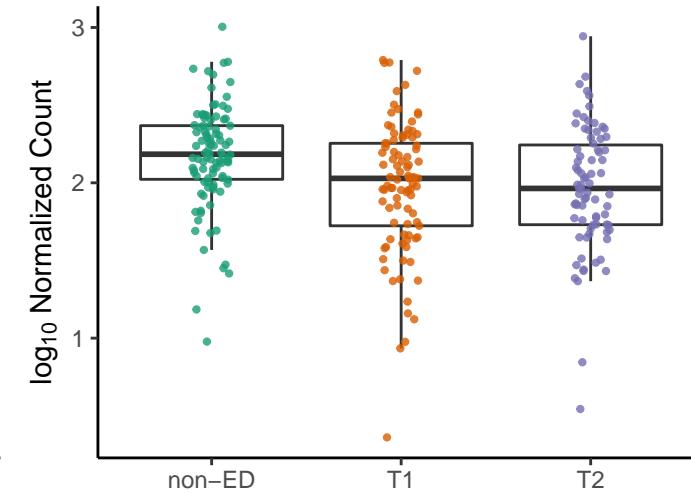


### *Muciluginibacter gotjawali*

non-ED vs. T1 adjusted p = 0.0061

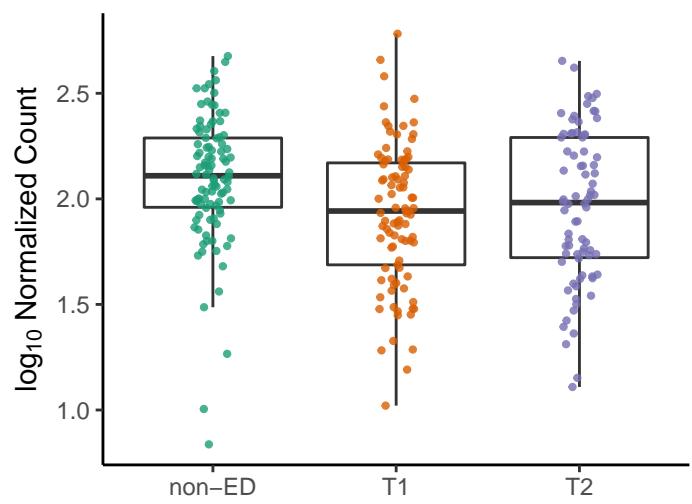
non-ED vs. T2 adjusted p = 0.0053

T1 vs. T2 adjusted p = 0.94



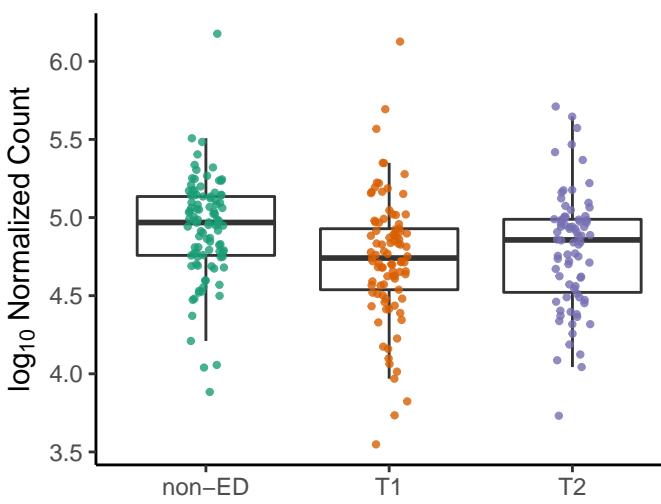
### *Nostoc* sp. CENA543

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.77



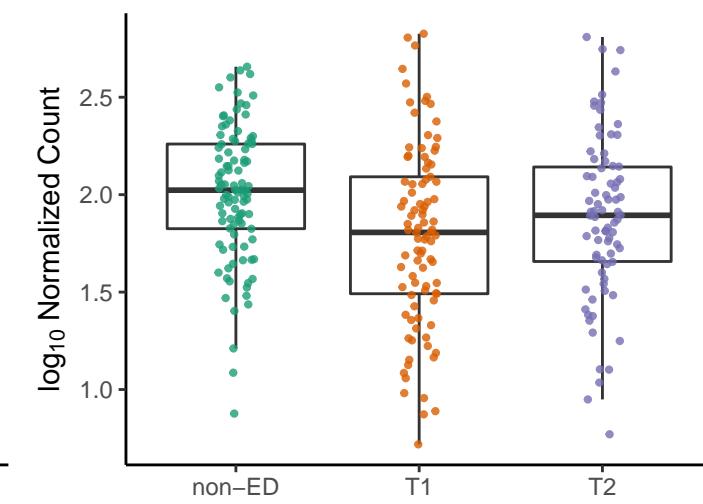
### *Roseburia* hominis

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.77



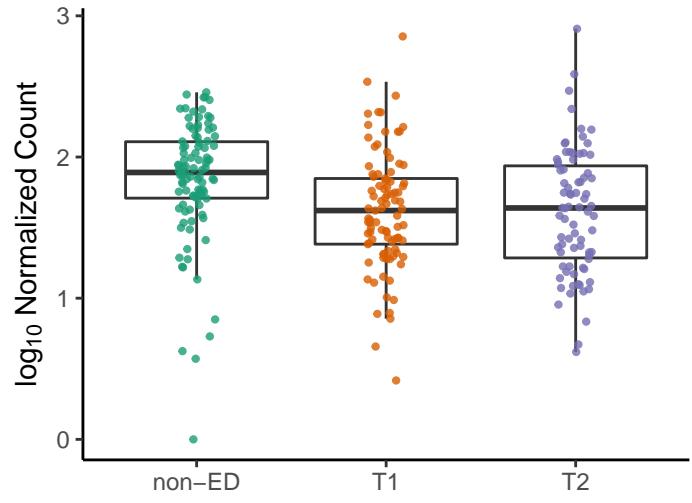
### *Roseobacter* denitrificans

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.62



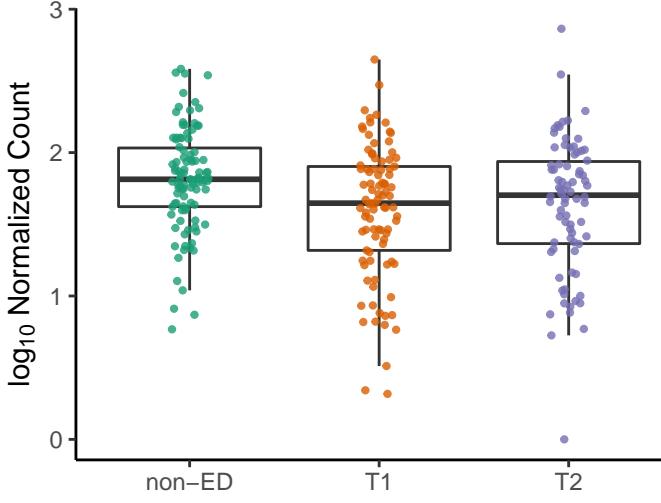
### *Nautilia* sp. PV-1

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



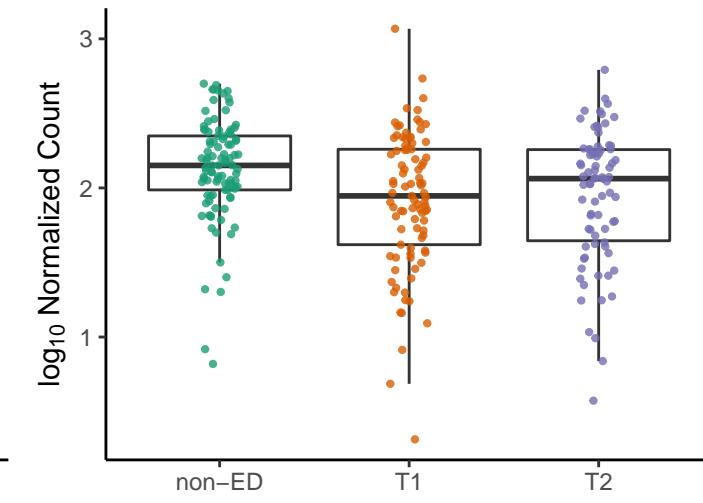
### *Rhizobium* sp. CIAT894

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.84



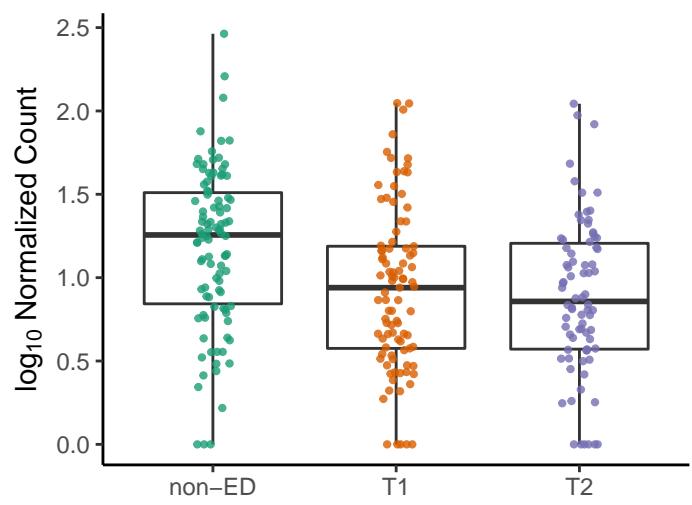
### *Luteimonas* sp. Gr-4

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.76



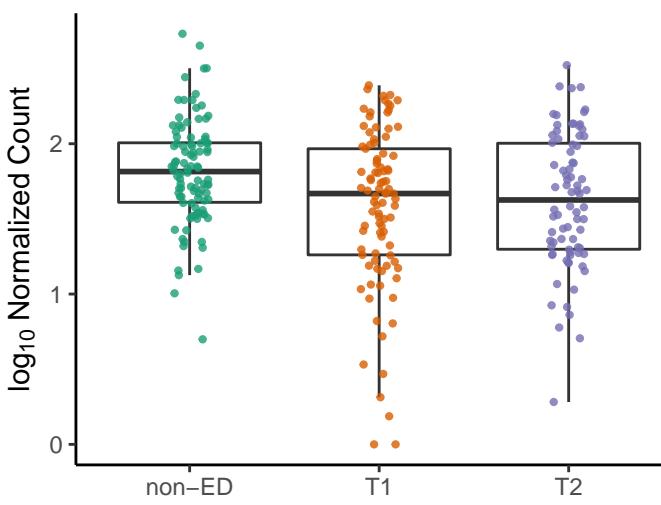
### *Ehrlichia* canis

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



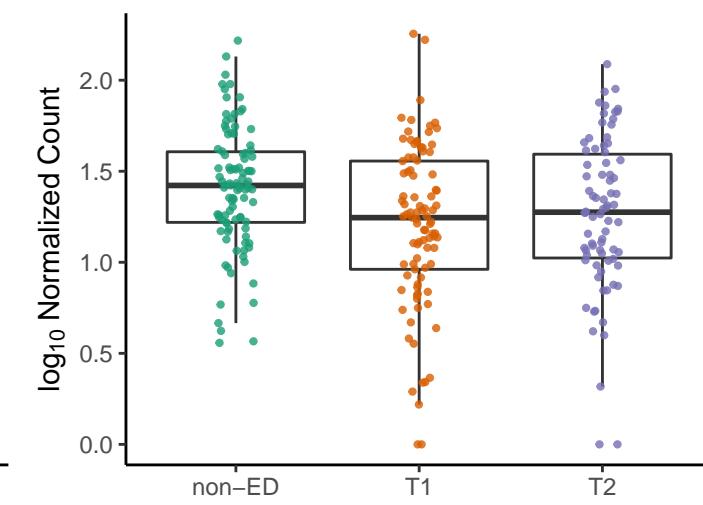
### *Methanosaeta* harundinacea

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



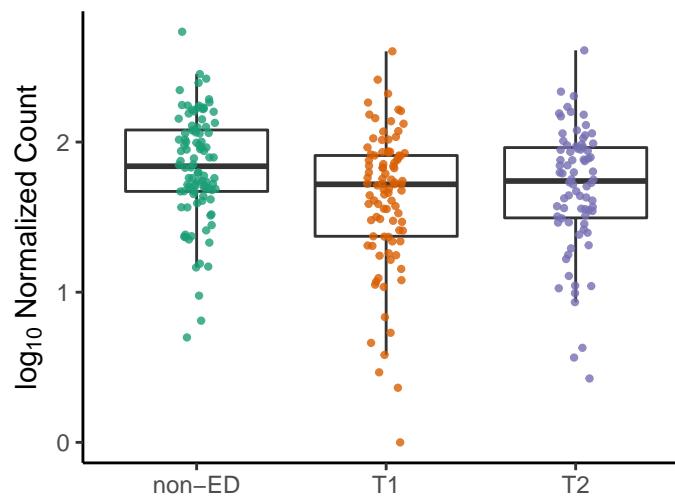
### *Methylovorus* sp. MP688

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.77



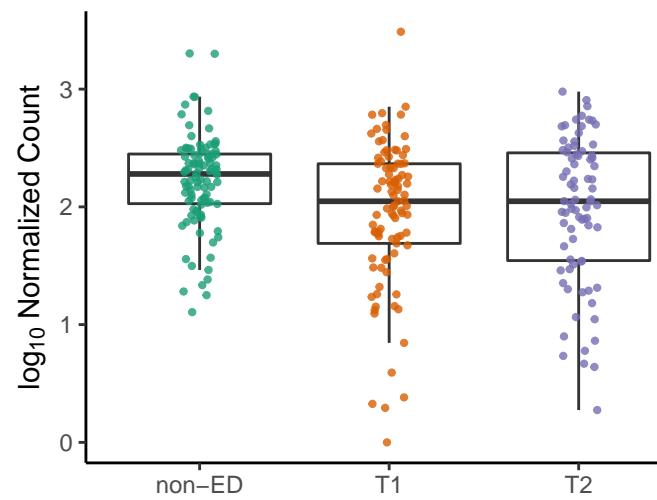
### Nakamurella sp. s14–144

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.66



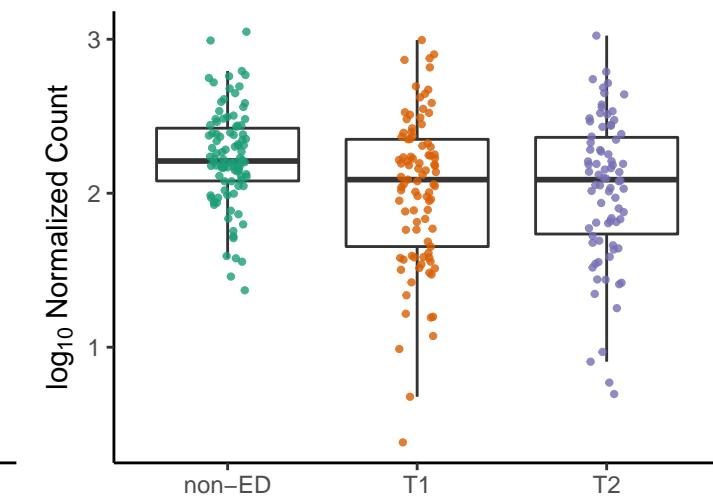
### Ottowia oryzae

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.75



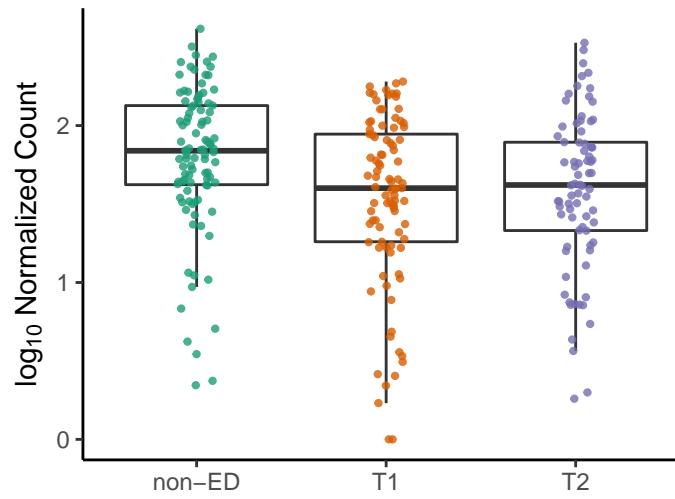
### Planctomycetes bacterium Pla85\_3\_4

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



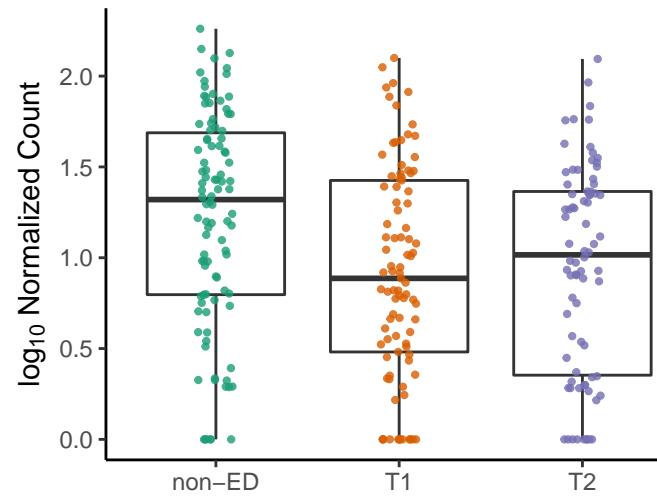
### Sphingomonas sp. YZ-8

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.74



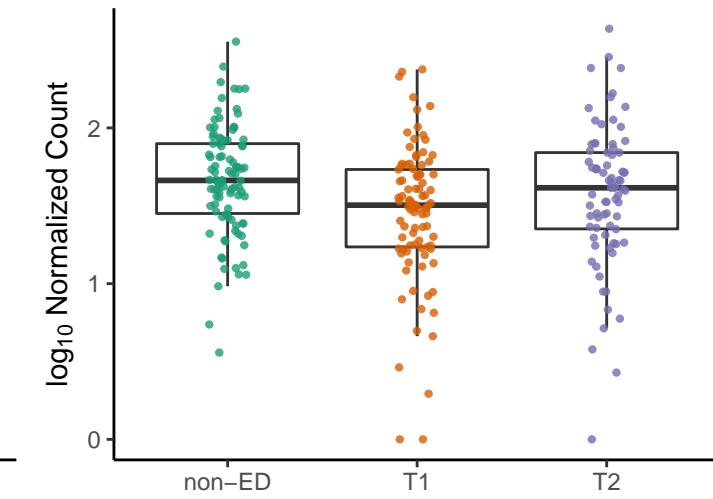
### Streptomyces lividans

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.93



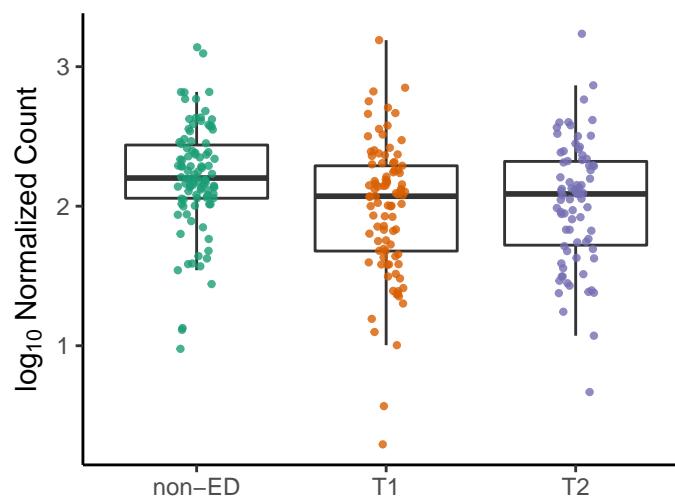
### Waddlia chondrophila

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.67



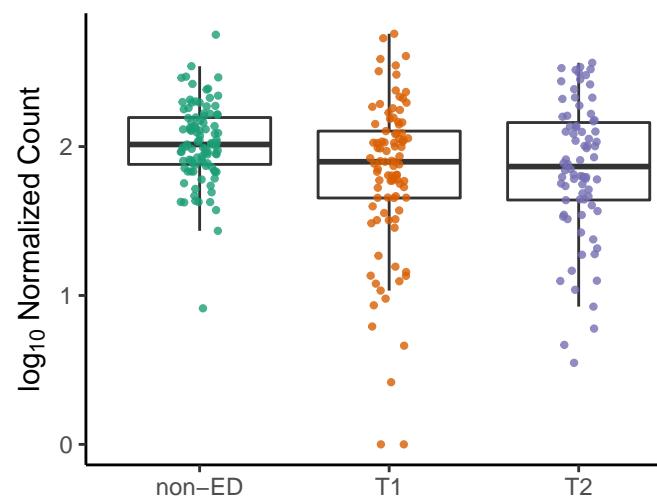
### Rhodomicrumb vannielii

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



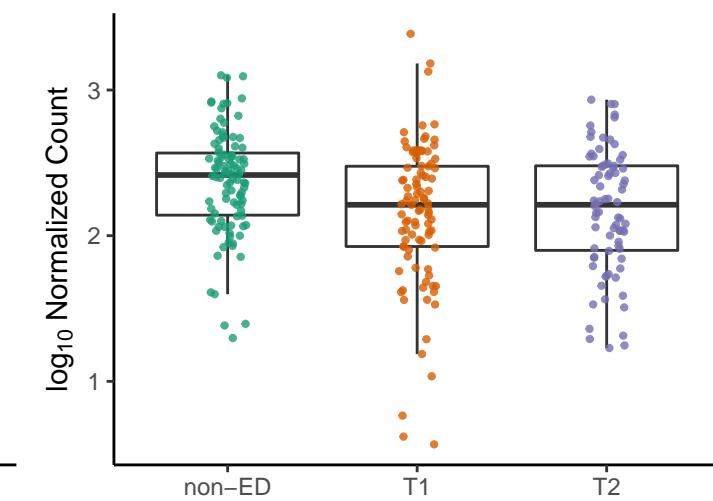
### Bradyrhizobium sp. CCGE-LA001

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.68



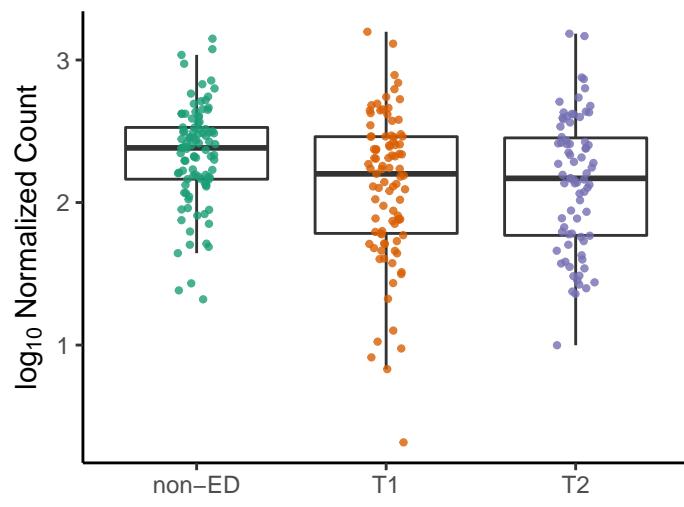
### Xylophilus sp. KACC 21265

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



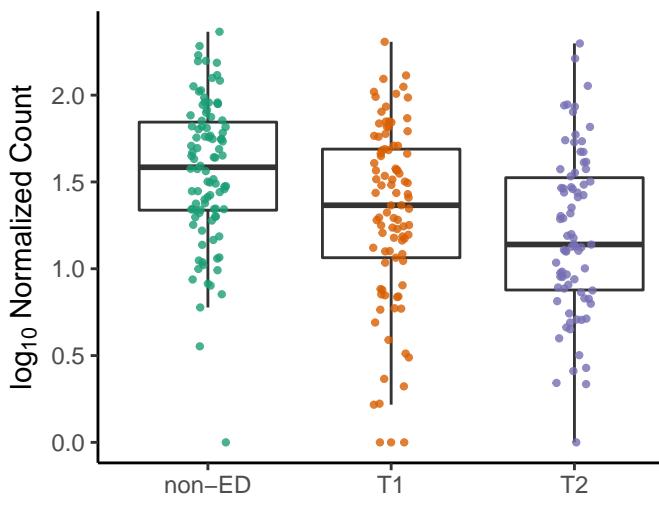
### *Nocardia farcinica*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.75



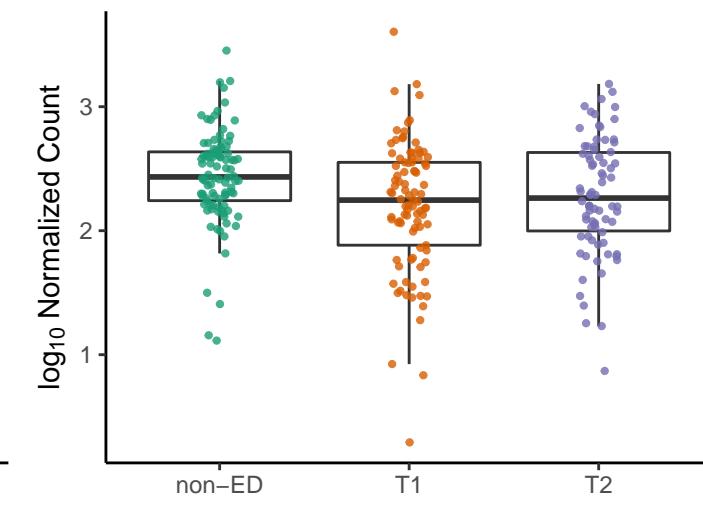
### *Allofrancisella guangzhouensis*

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



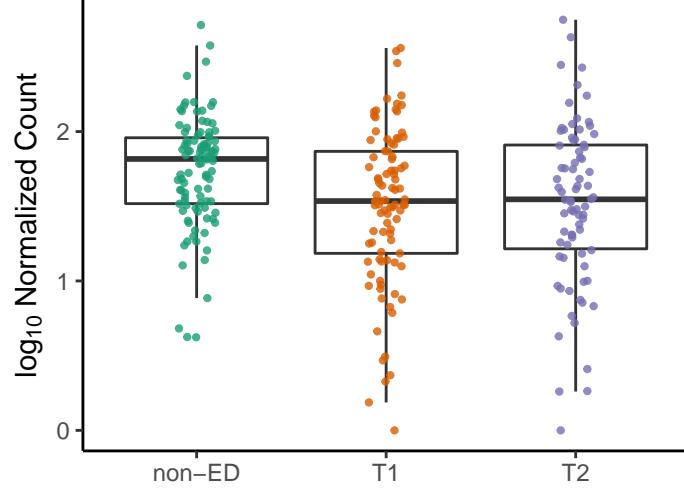
### *Actinomadura* sp. WMMB499

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.62



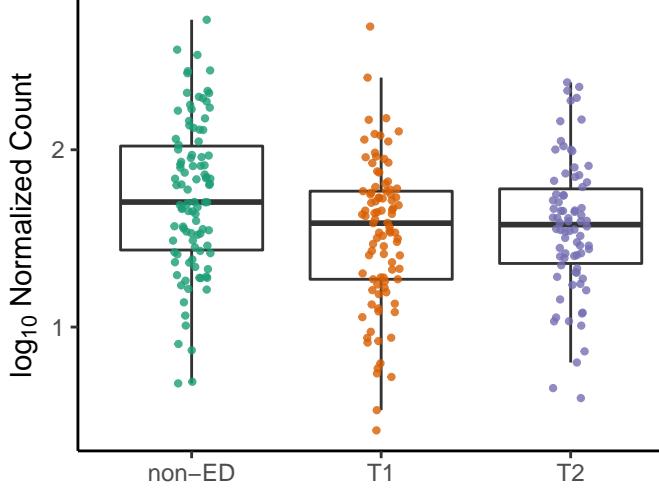
### *Halohasta litchfieldiae*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.77



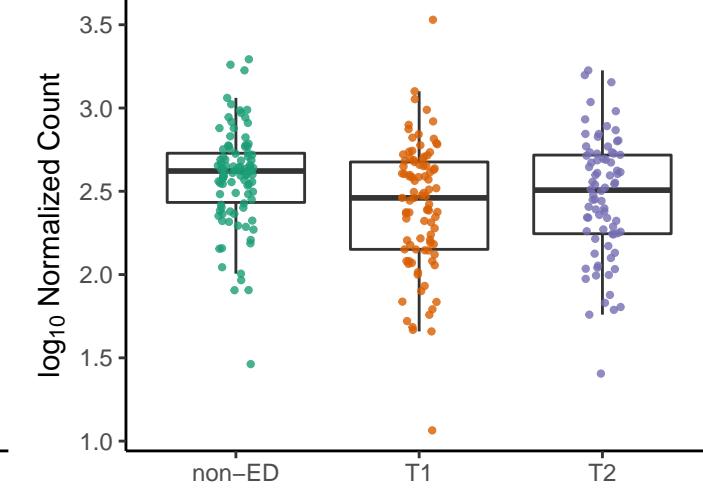
### *Microbacterium* sp. CBA3102

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.72



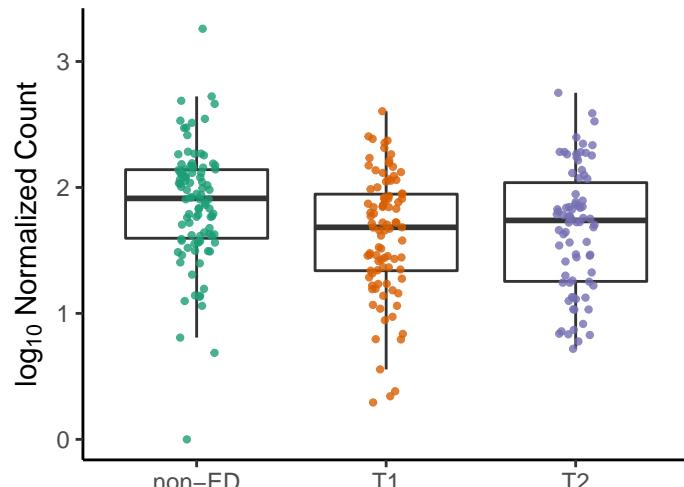
### *Pseudomonas mendocina*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.67



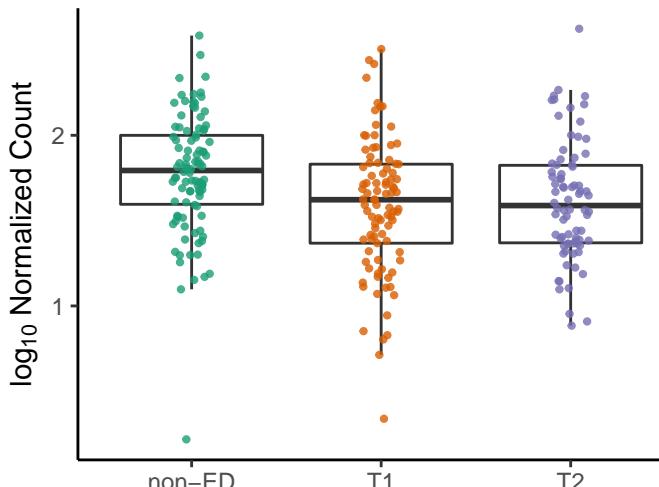
### *Corynebacterium renale*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.74



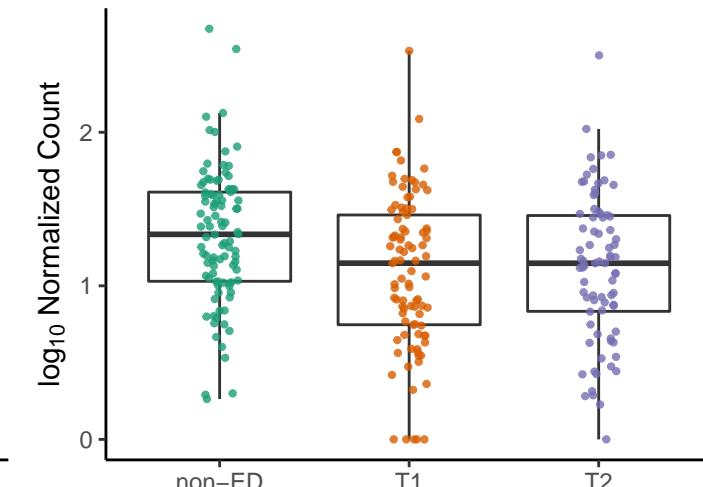
### *Francisella tularensis*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.83



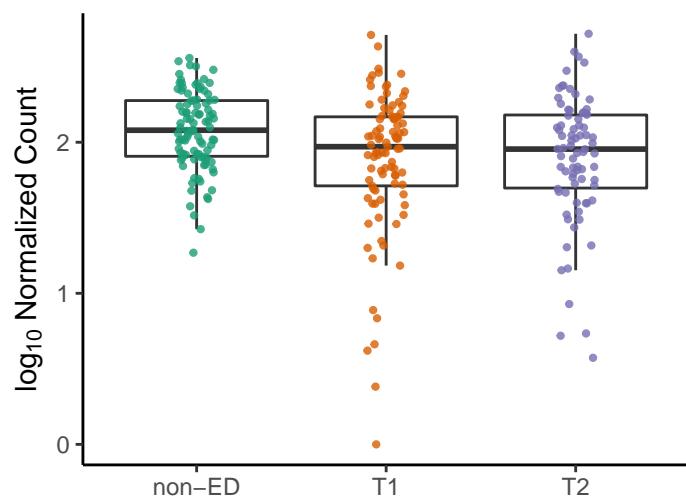
### *Rhodococcus* sp. PBTS 2

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.77



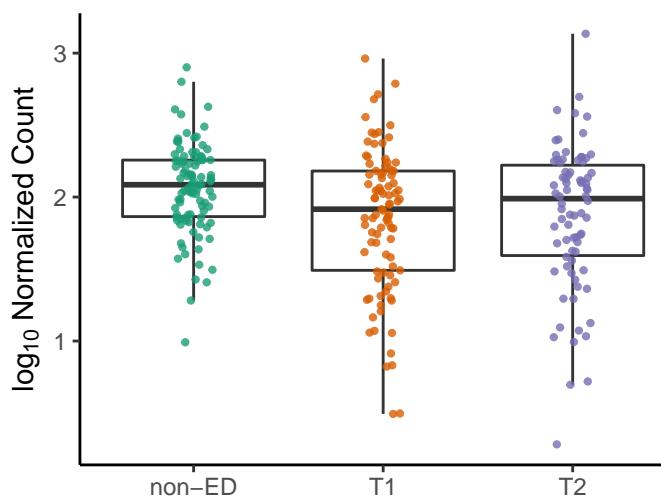
### *Mesorhizobium loti*

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



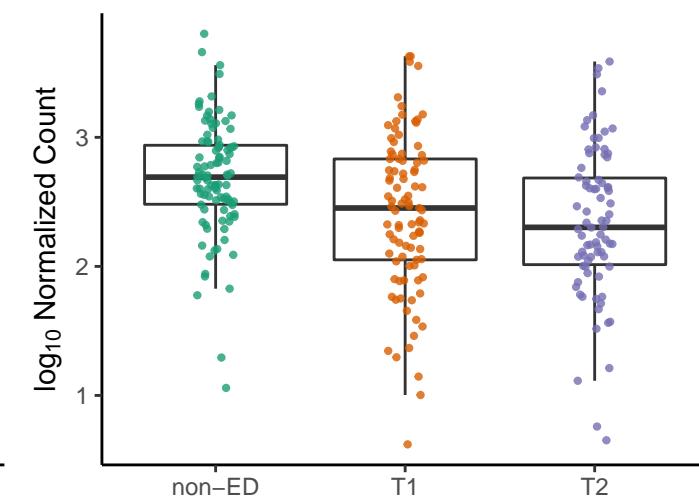
### *Thiomonas intermedia*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.81



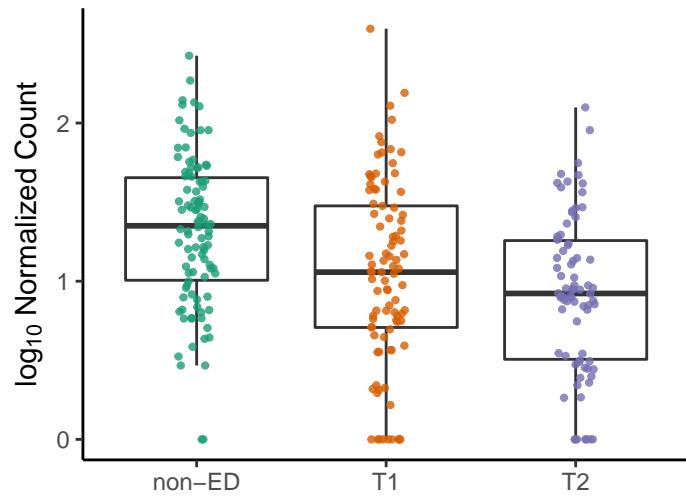
### *Streptococcus* sp. oral taxon 431

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



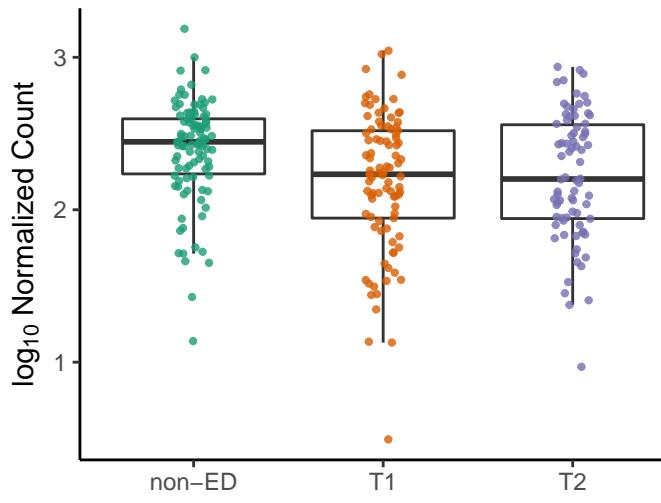
### *Rickettsia bellii*

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



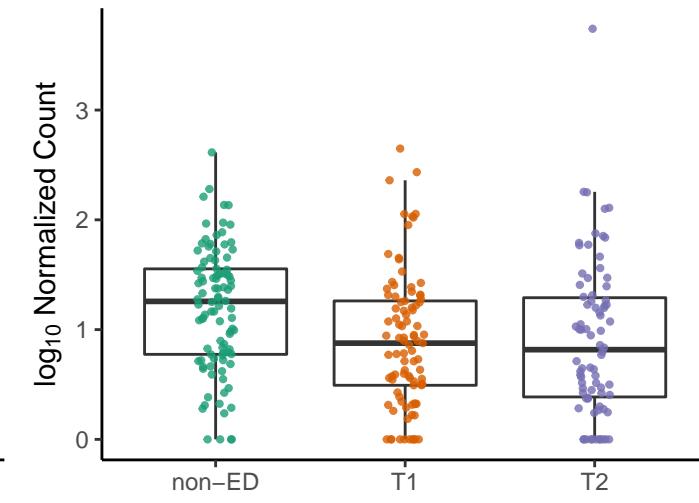
### *Deinococcus proteolyticus*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.68



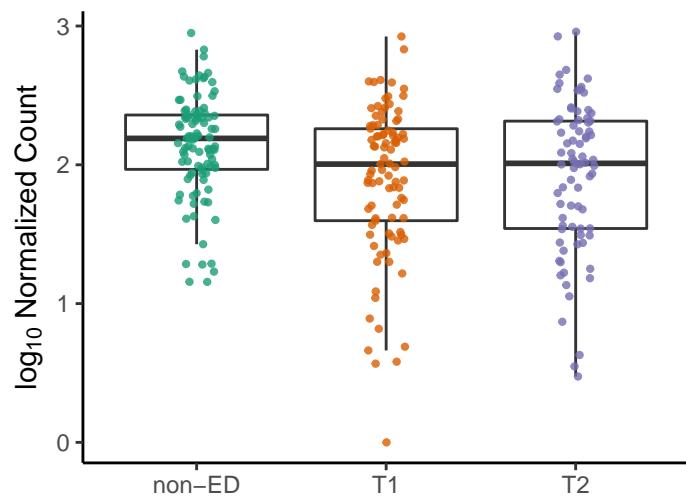
### *Elizabethkingia bruuniana*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.96



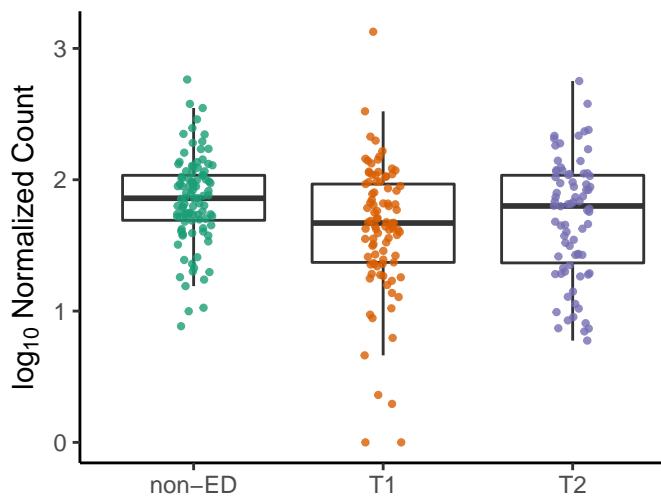
### *Paracoccus contaminans*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



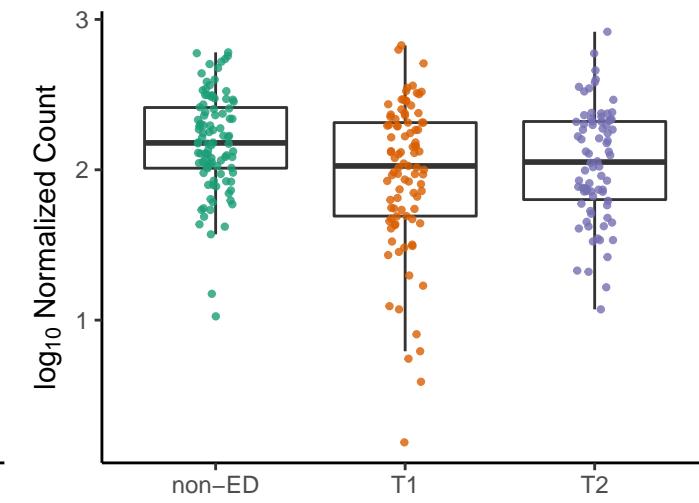
### *Ferriphaselus amnicola*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.47



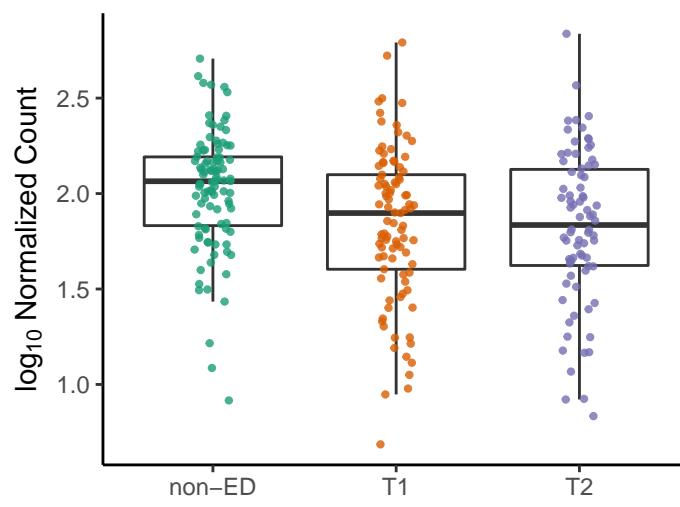
### *Roseiflexus castenholzii*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.66



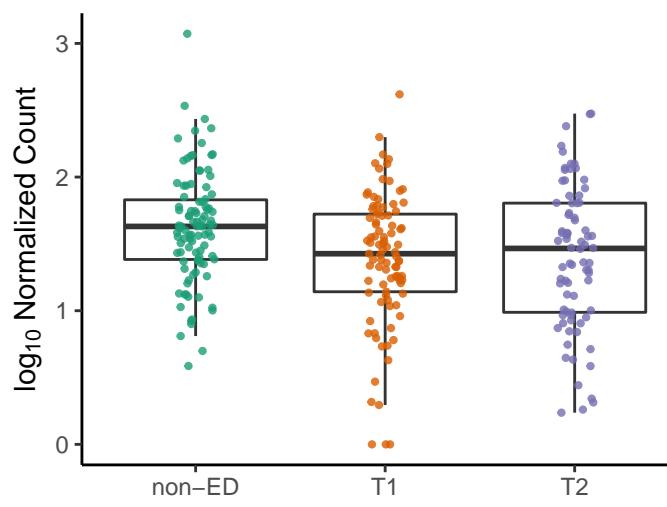
### *Chlorobium phaeovibrioides*

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



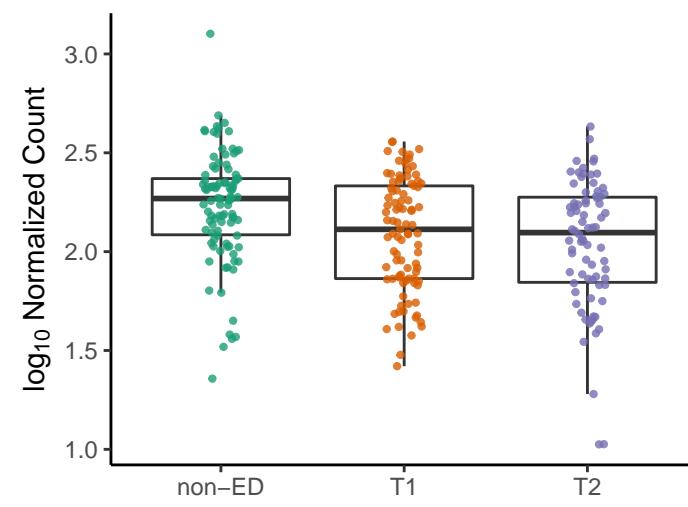
### *Pseudomonas sp. ACM7*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.94



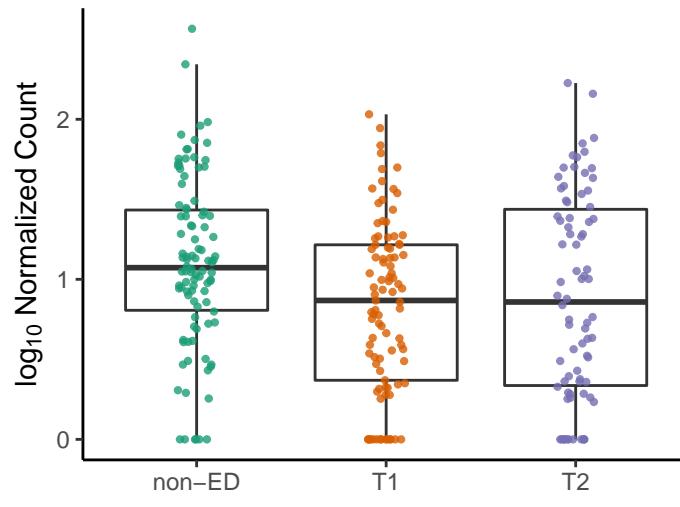
### *Polynucleobacter necessarius*

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



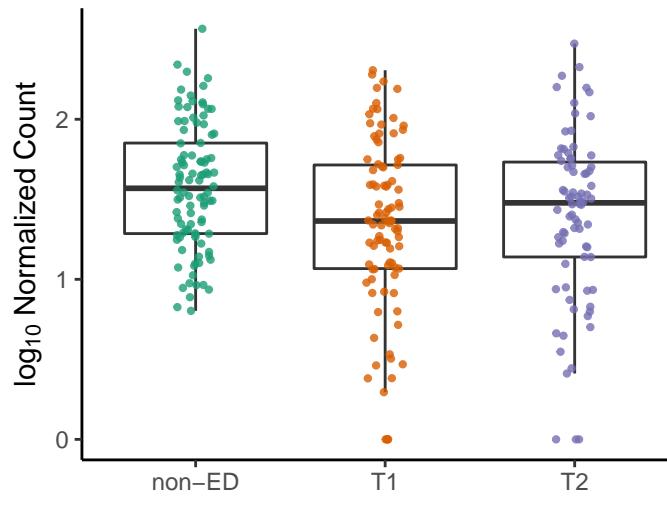
### *Salinivibrio costicola*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.75



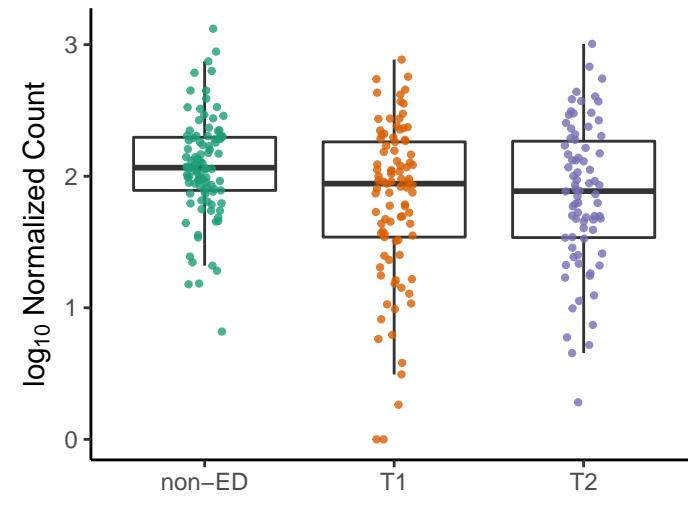
### *Hydrogenophaga pseudoflava*

non-ED vs. T1 adjusted p = 0.0072  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.68



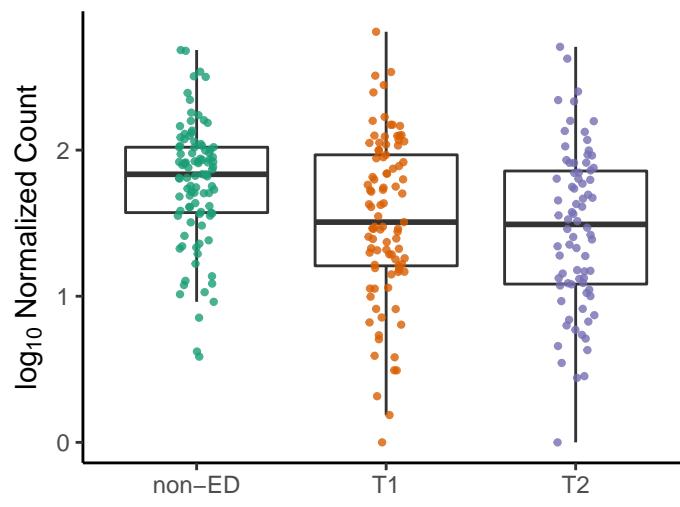
### *Streptomyces parvulus*

non-ED vs. T1 adjusted p = 0.0072  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.7



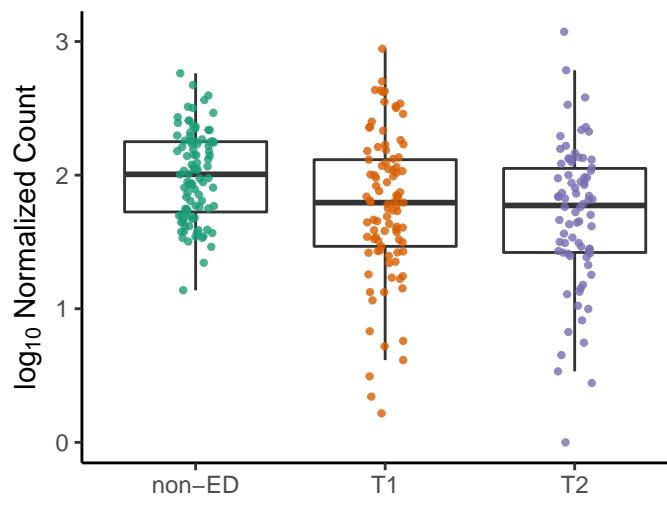
### *Sphingobium herbicidovorans*

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



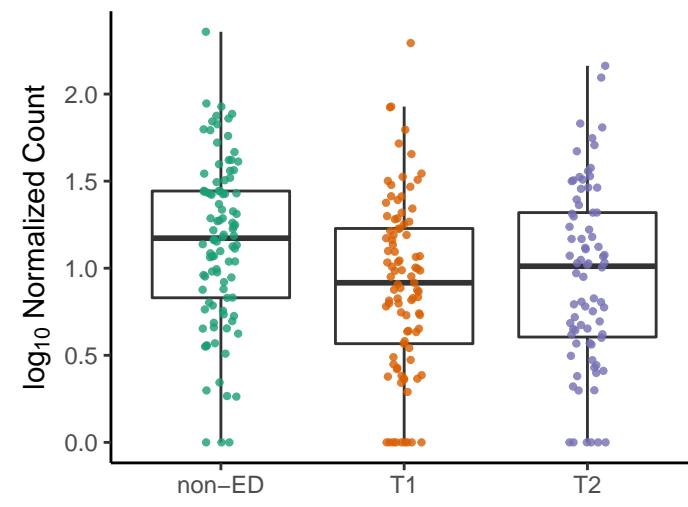
### *Brevibacterium sp. WO024*

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

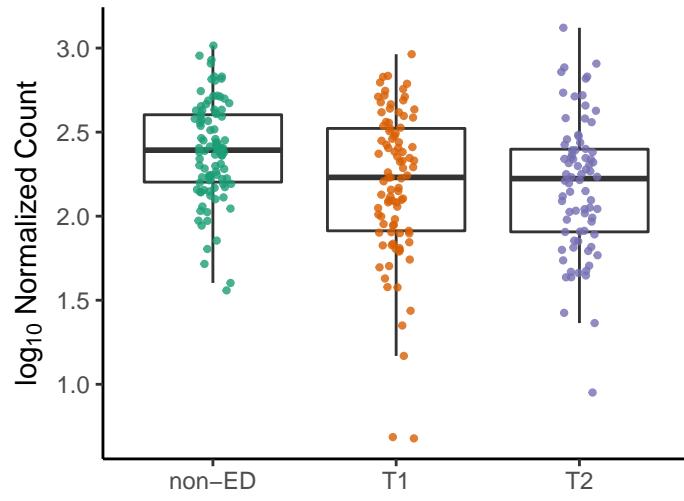


### *Thermococcus eurythermalis*

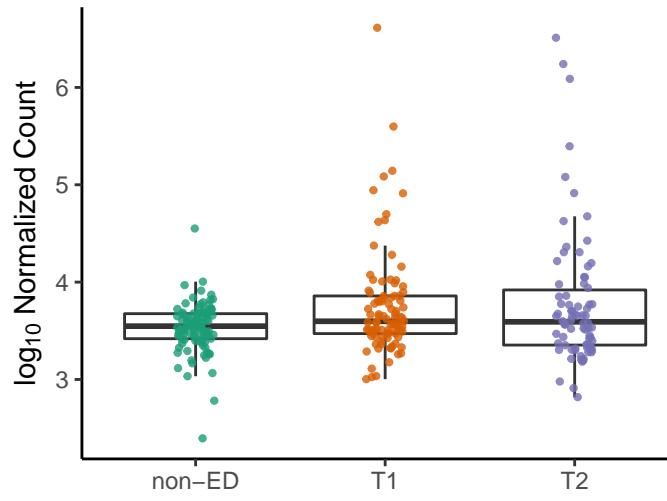
non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.74



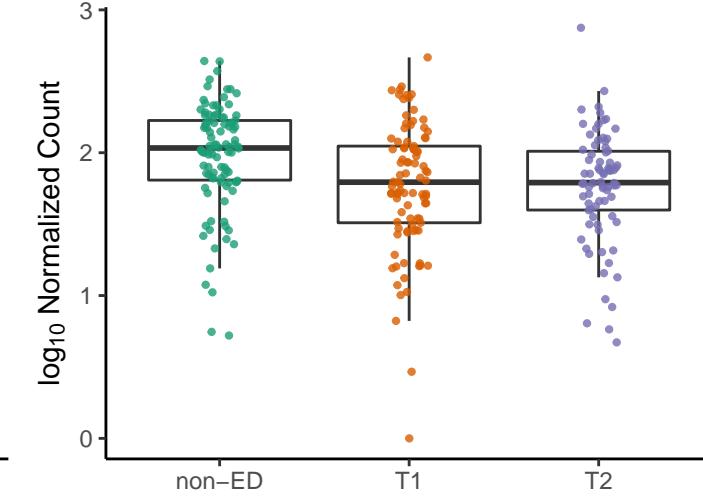
**Unclassified Arthrobacter Genus**  
 non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.94



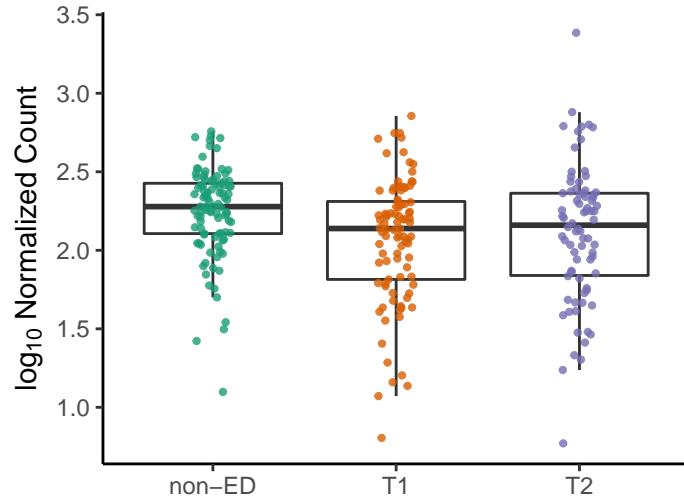
**Anaerostipes rhamnosivorans**  
 non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



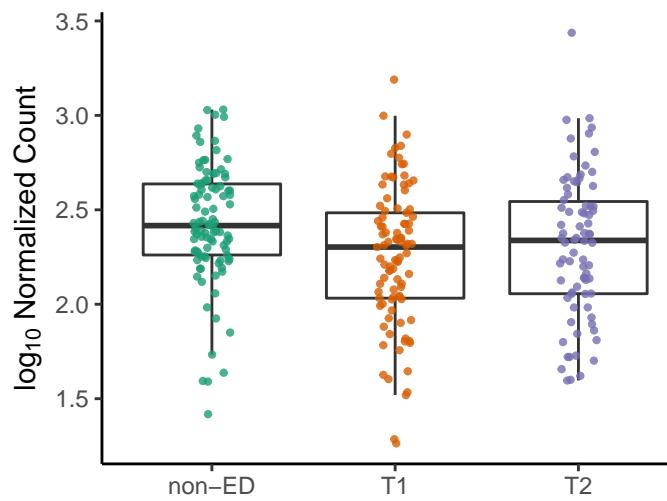
**Acetobacter pasteurianus**  
 non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.84



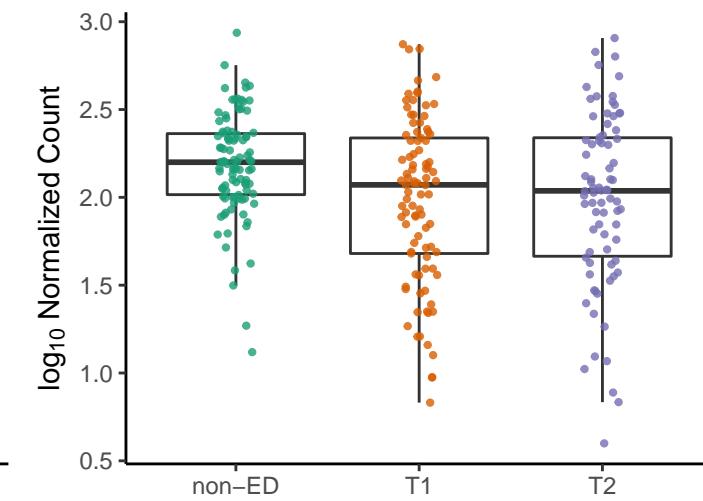
**Aspergillus oryzae**  
 non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.73



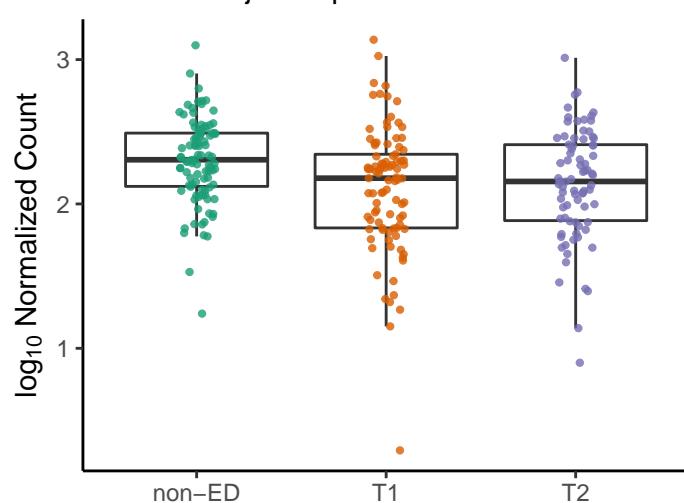
**Thermincola potens**  
 non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.67



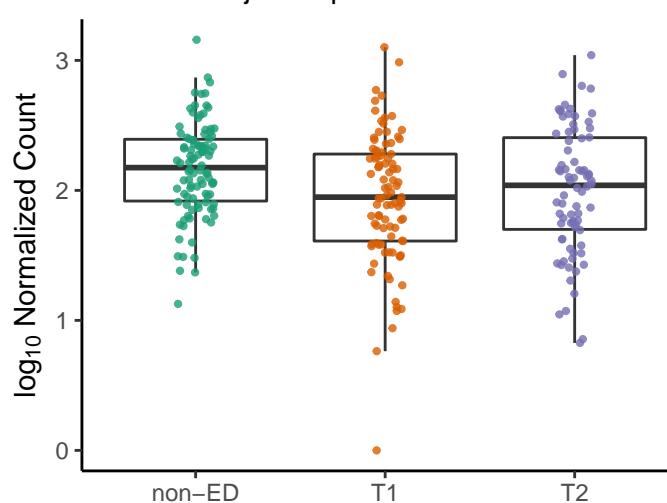
**Mycobacterium smegmatis**  
 non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



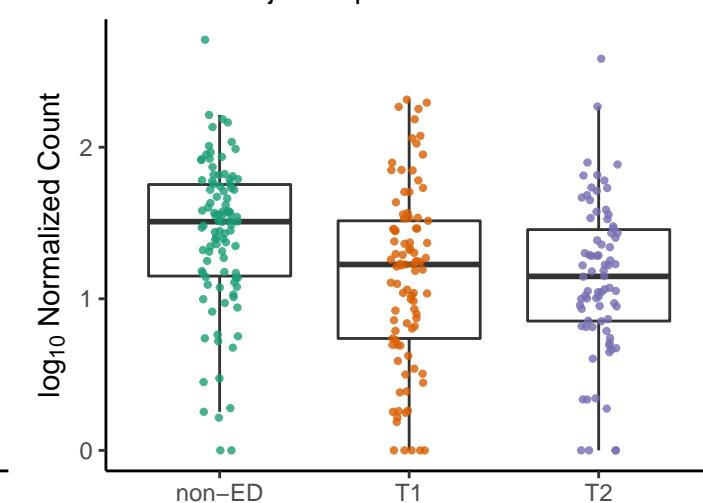
**Meiothermus ruber**  
 non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.71



**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



**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

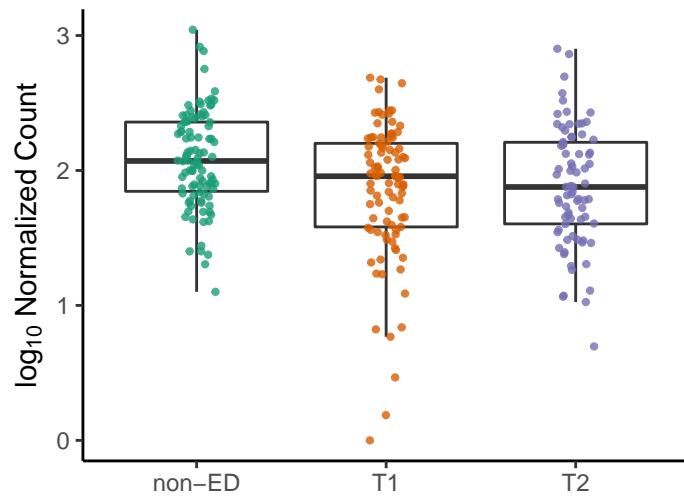


### *Bradyrhizobium symbiodeficiens*

non-ED vs. T1 adjusted p = 0.0074

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.7

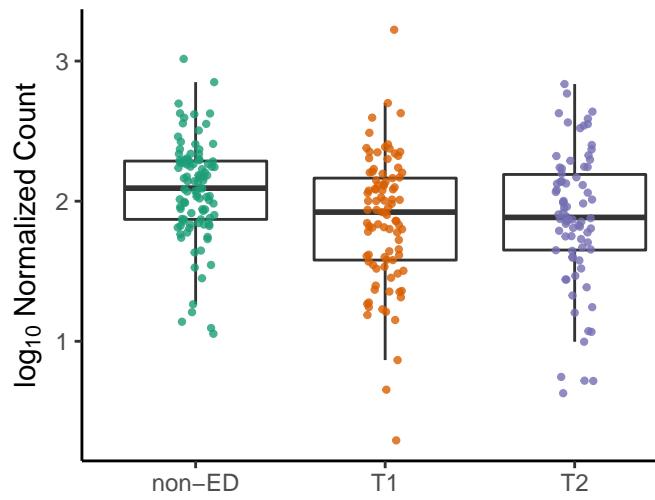


### *Corynebacterium* sp. 2039

non-ED vs. T1 adjusted p = 0.0075

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.84

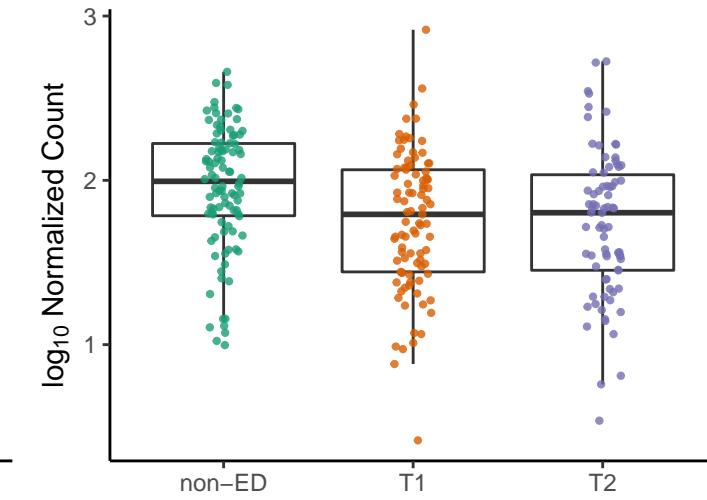


### *Kushneria marisflavi*

non-ED vs. T1 adjusted p = 0.0075

non-ED vs. T2 adjusted p = 0.0083

T1 vs. T2 adjusted p = 0.96

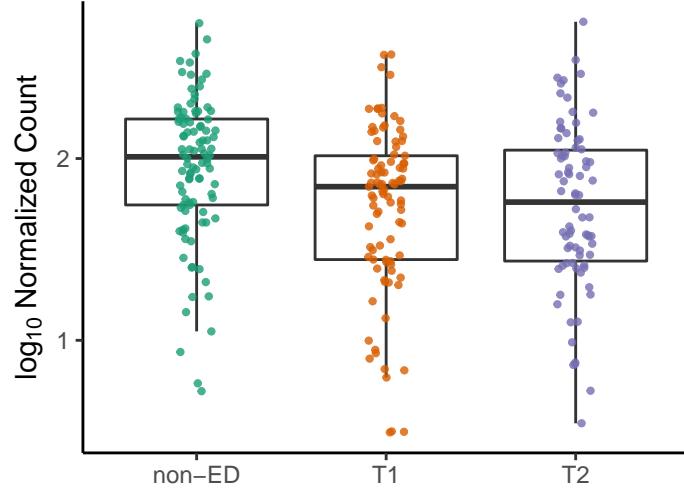


### *Octadecabacter* sp. SW4

non-ED vs. T1 adjusted p = 0.0075

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.88

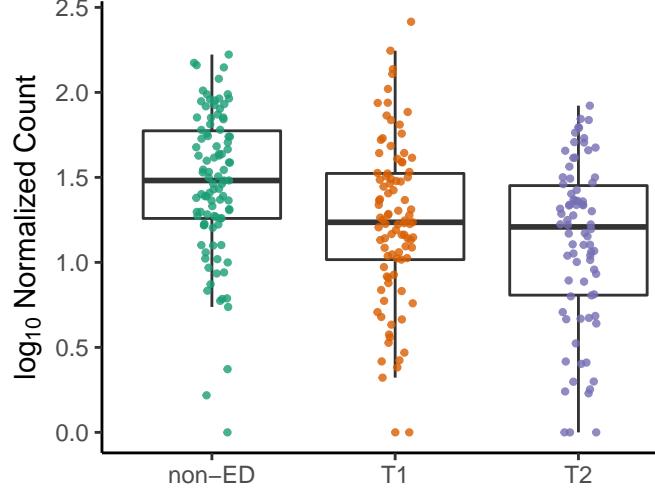


### [*Arcobacter*] porcinus

non-ED vs. T1 adjusted p = 0.0075

non-ED vs. T2 adjusted p = 0.00016

T1 vs. T2 adjusted p = 0.67

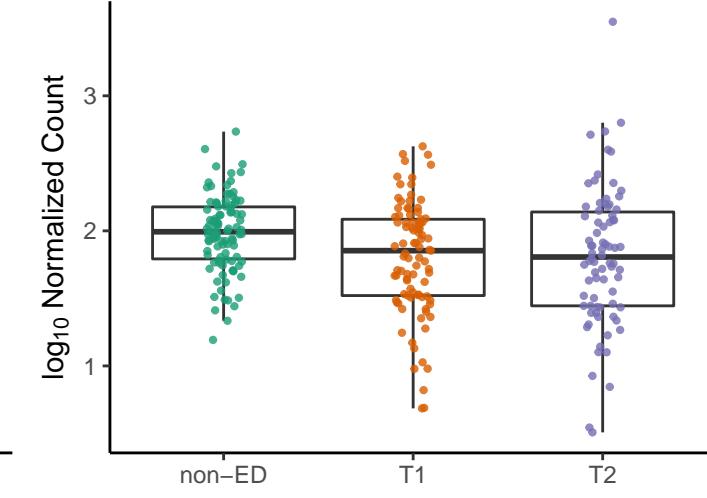


### *Nostoc linckia*

non-ED vs. T1 adjusted p = 0.0076

non-ED vs. T2 adjusted p = 0.035

T1 vs. T2 adjusted p = 0.79

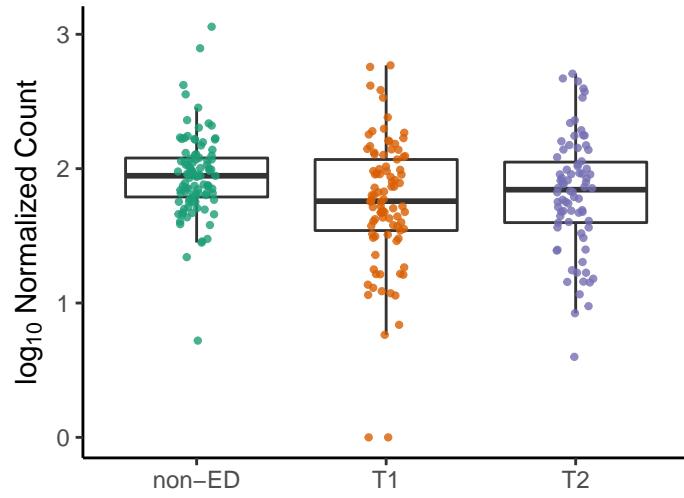


### *Alcanivorax dieselolei*

non-ED vs. T1 adjusted p = 0.0076

non-ED vs. T2 adjusted p = 0.057

T1 vs. T2 adjusted p = 0.63

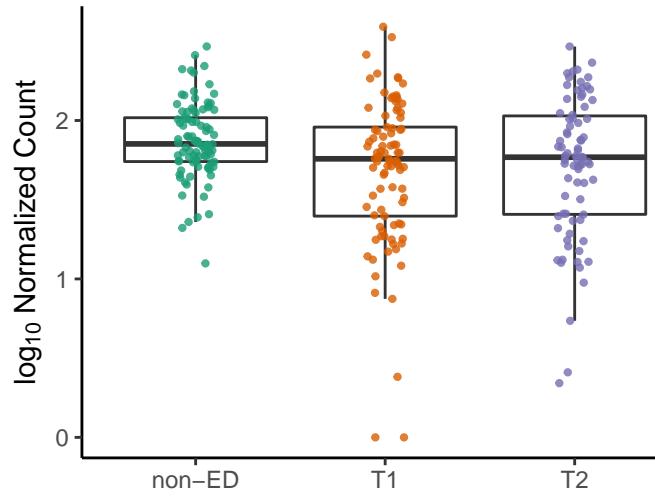


### *Planctomycetes bacterium* V22

non-ED vs. T1 adjusted p = 0.0077

non-ED vs. T2 adjusted p = 0.026

T1 vs. T2 adjusted p = 0.77

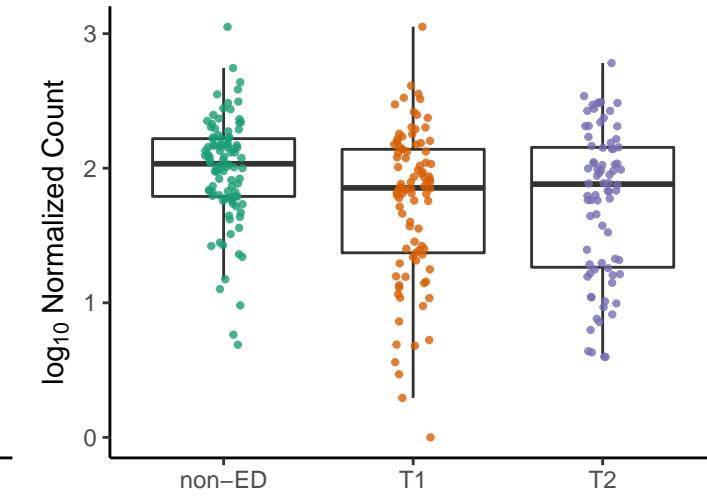


### *Nocardioides seonyuensis*

non-ED vs. T1 adjusted p = 0.0077

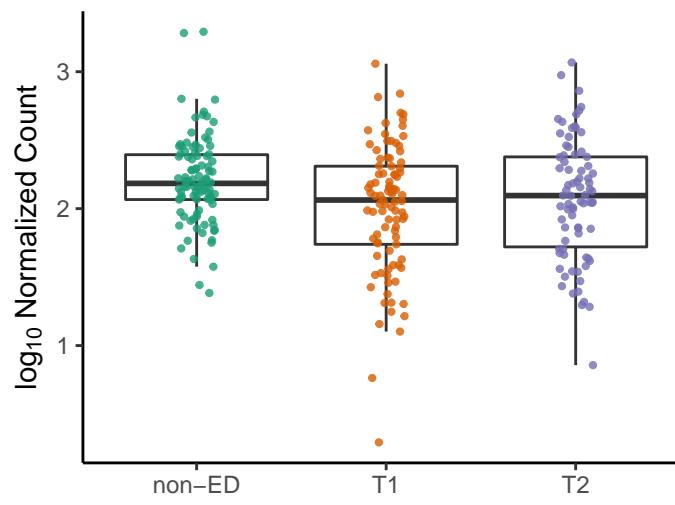
non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.83



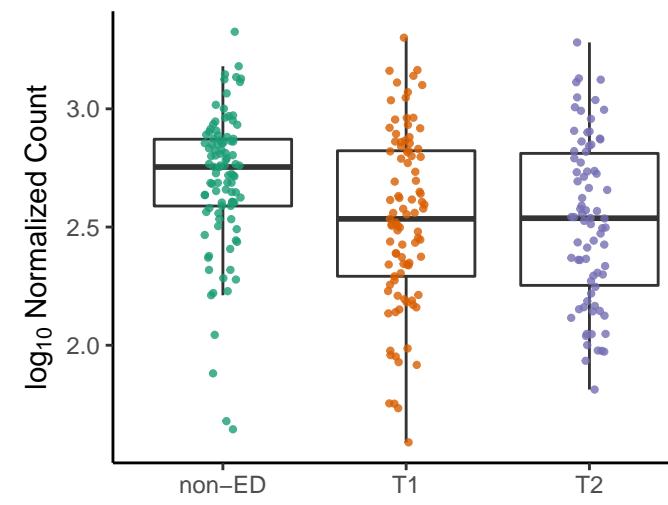
### *Actinomyces* sp. 432

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.63



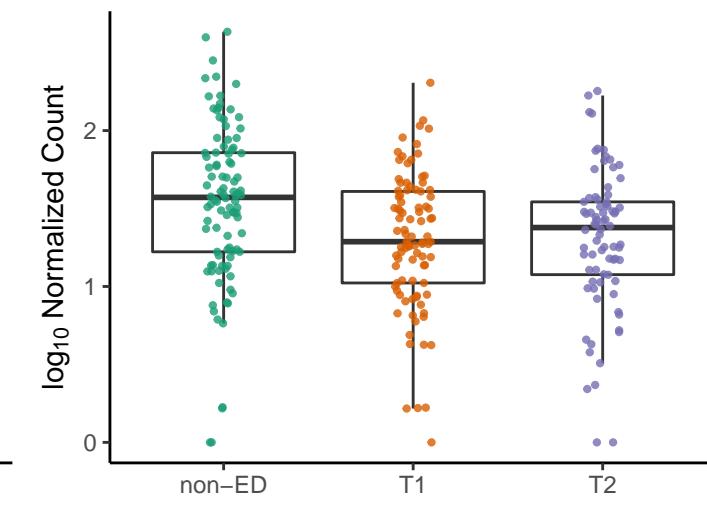
### *Clostridium saccharobutylicum*

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



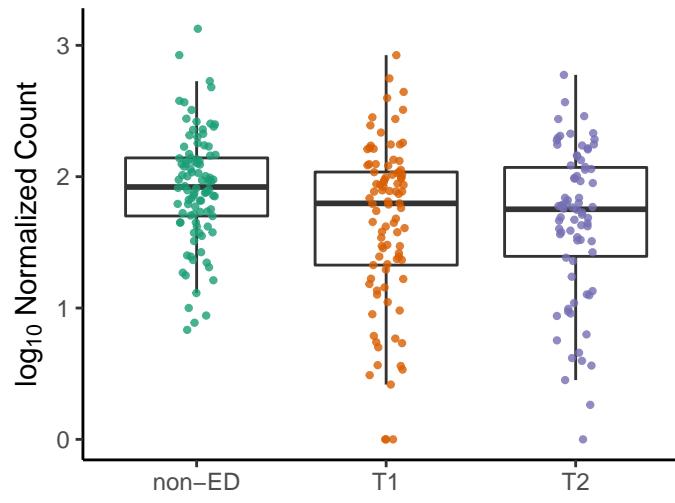
### *Oligella urethralis*

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



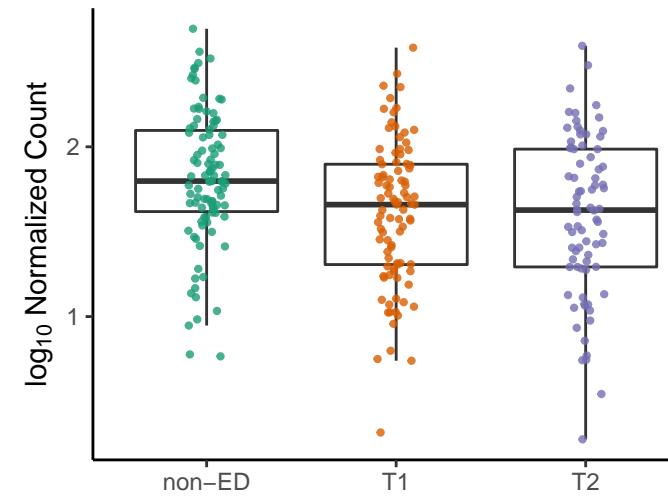
### *Sphingomonas* taxi

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



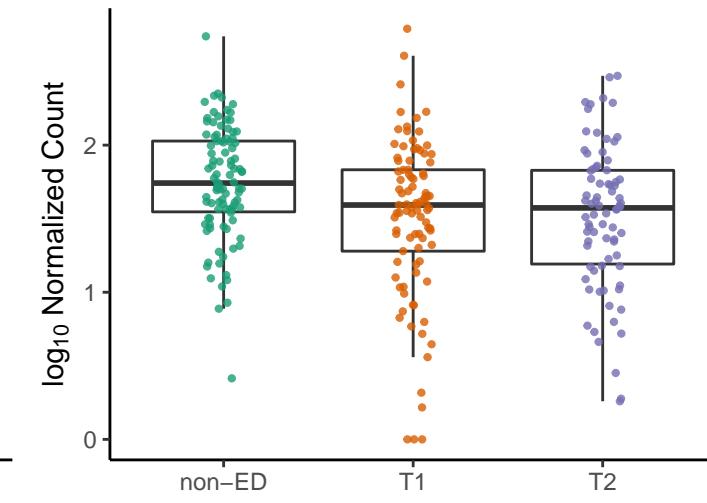
### *Chloroflexus aggregans*

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



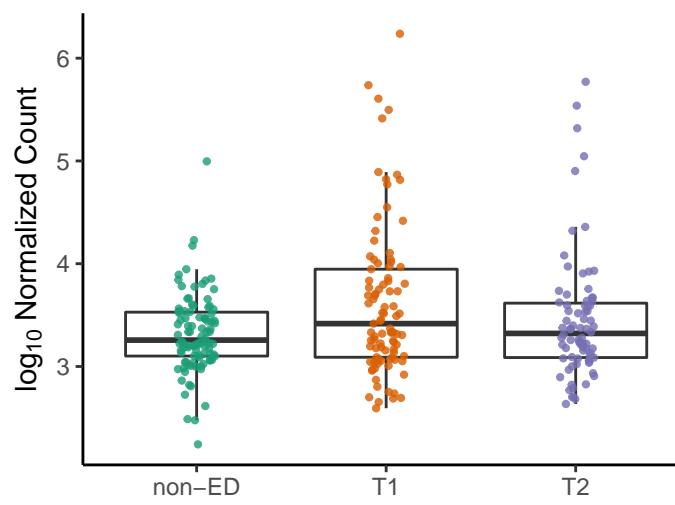
### *Brevibacterium* sp. o2

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



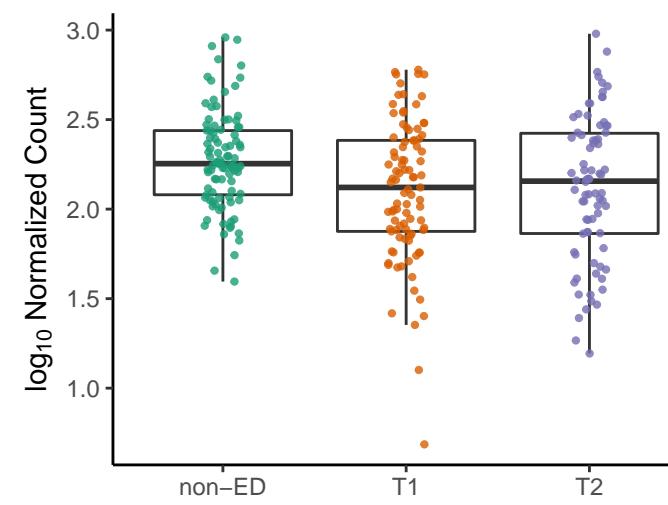
### *Eubacterium callanderi*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.67



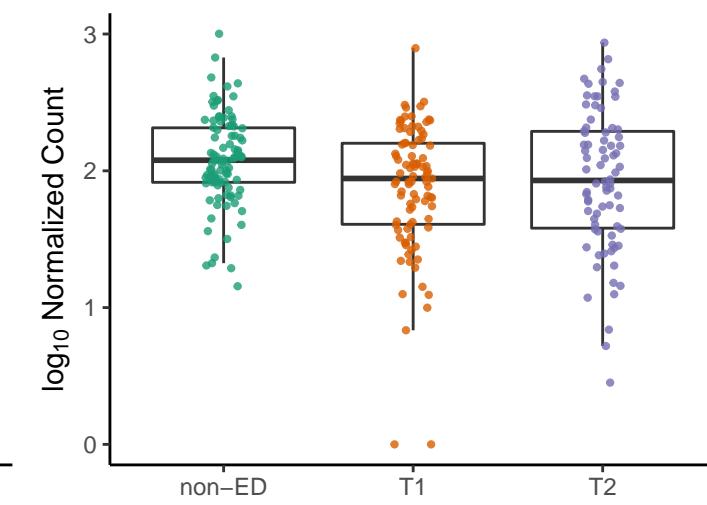
### *Microbacterium foliorum*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.79



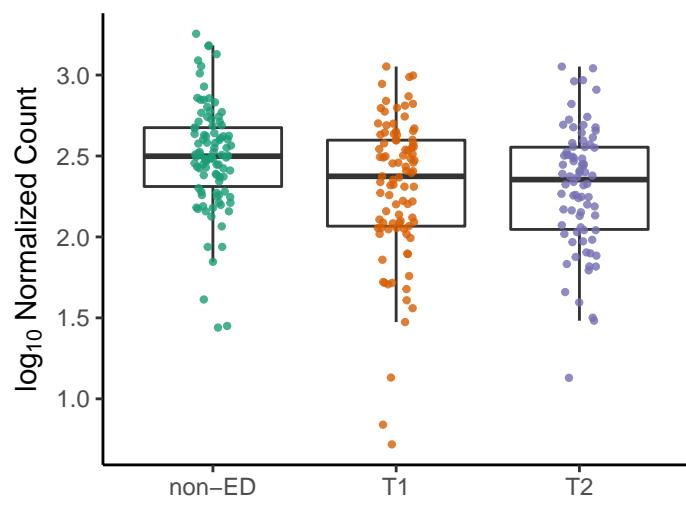
### *Microbacterium oleivorans*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.67



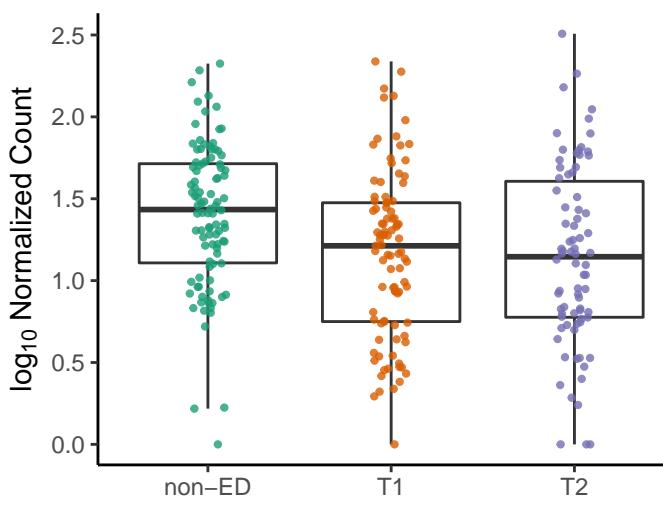
### Unclassified Agrobacterium Genus

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



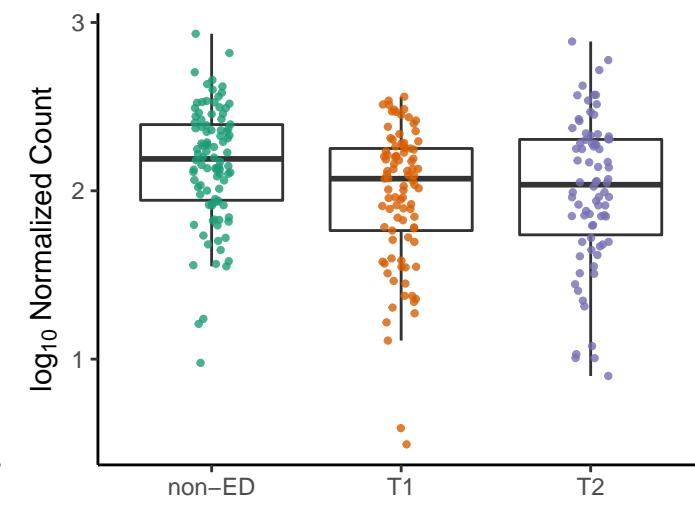
### Candidatus Phycorickettsia trachydisci

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



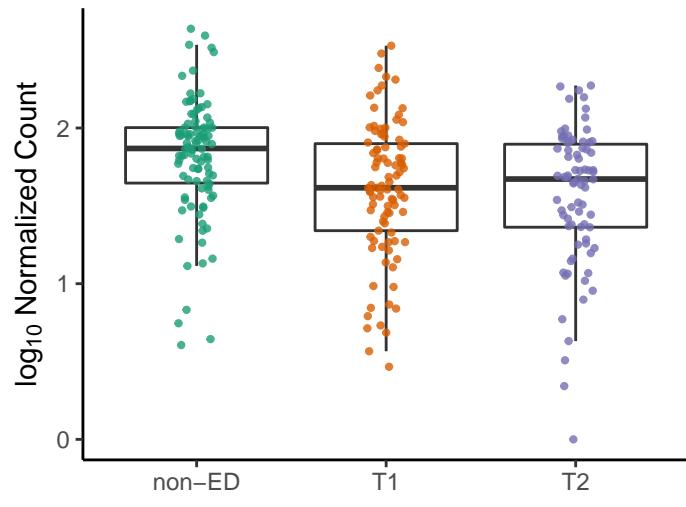
### Gemmatumonas aurantiaca

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.73



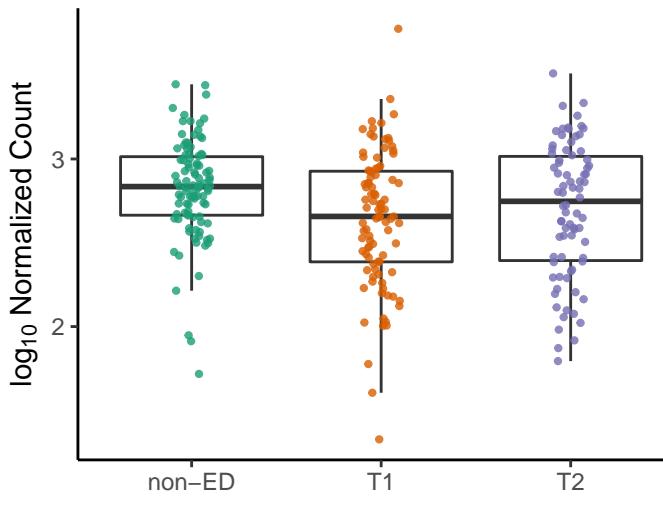
### Nostoc flagelliforme

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



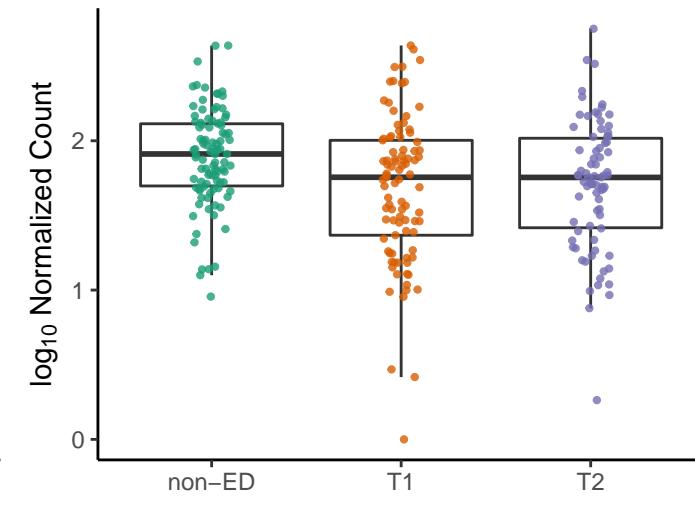
### Variovorax paradoxus

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.64



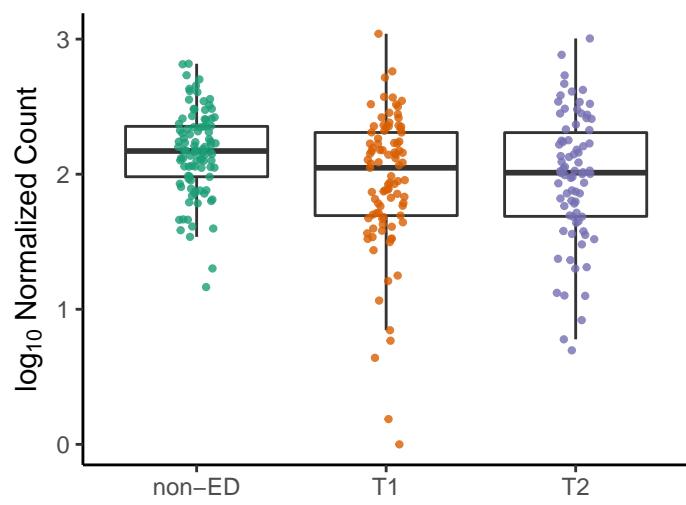
### Sphingopyxis sp. 113P3

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.77



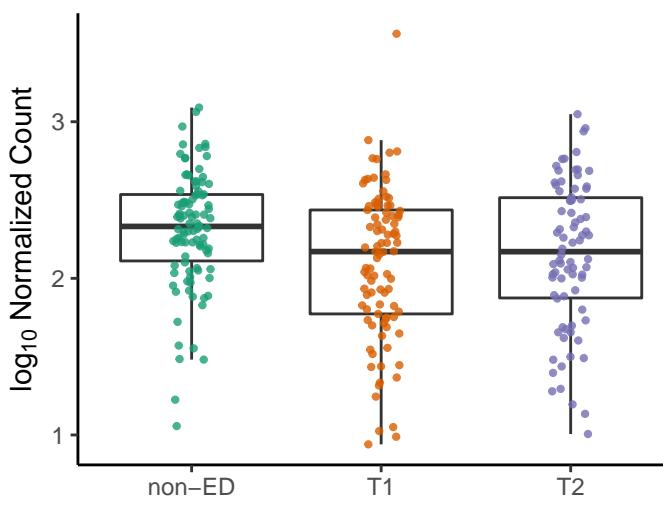
### Paucibacter sp. KCTC 42545

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.76



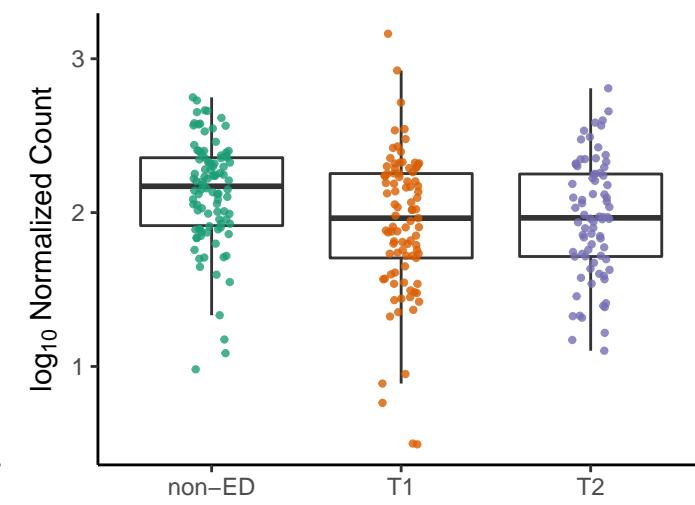
### Xanthomonas translucens

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.7



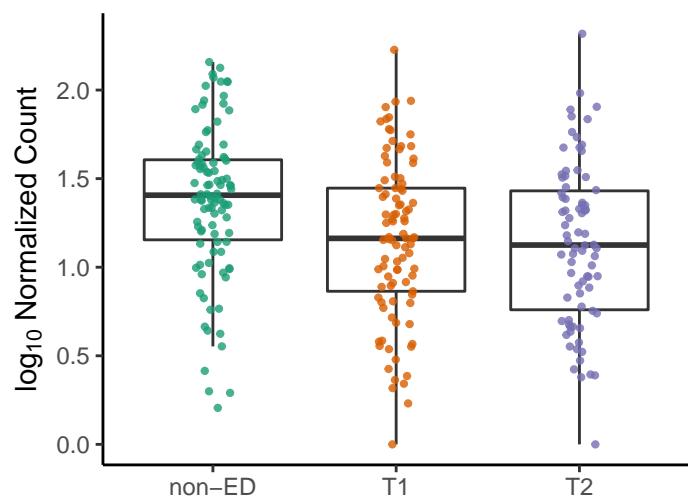
### Glutamicibacter creatinolyticus

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.71



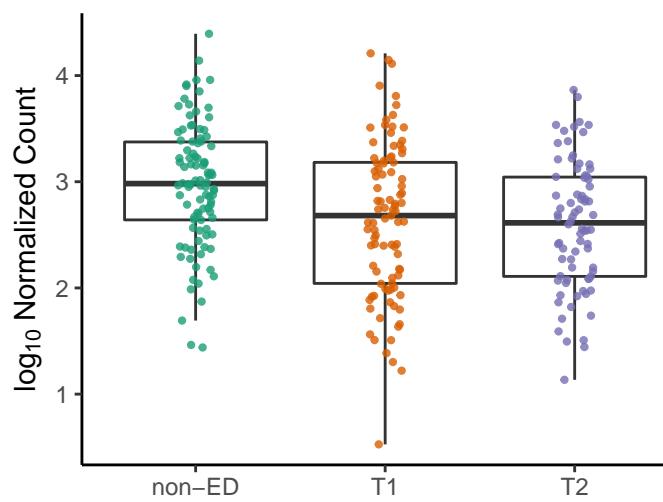
### *Nostoc* sp. ATCC 53789

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



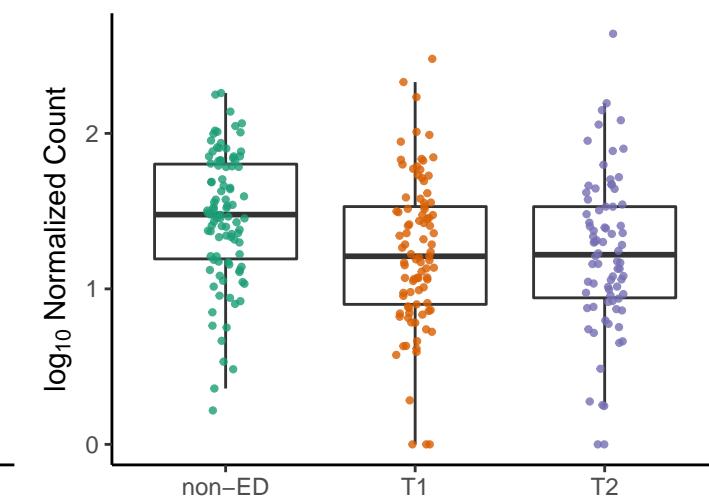
### *Streptococcus* sp. A12

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



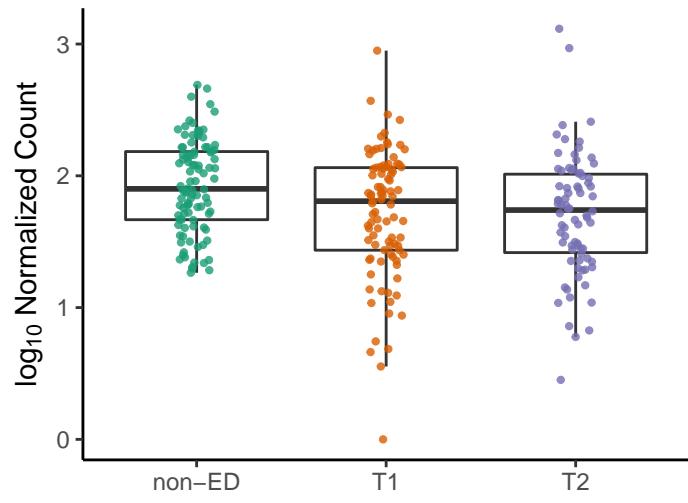
### *Streptococcus* sp. HSISB1

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



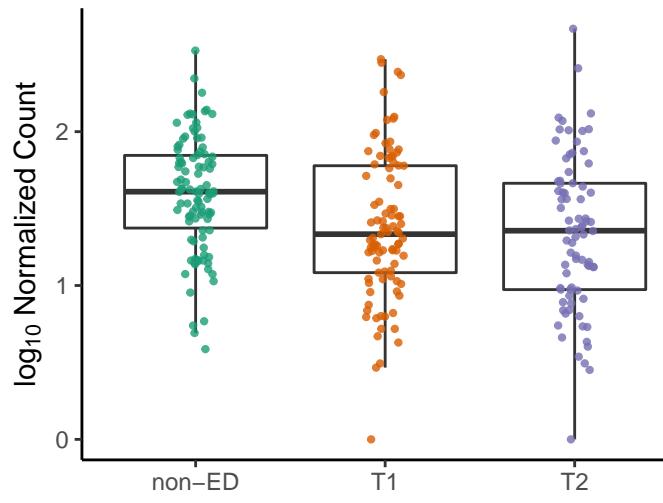
### *Simiduia agarivorans*

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



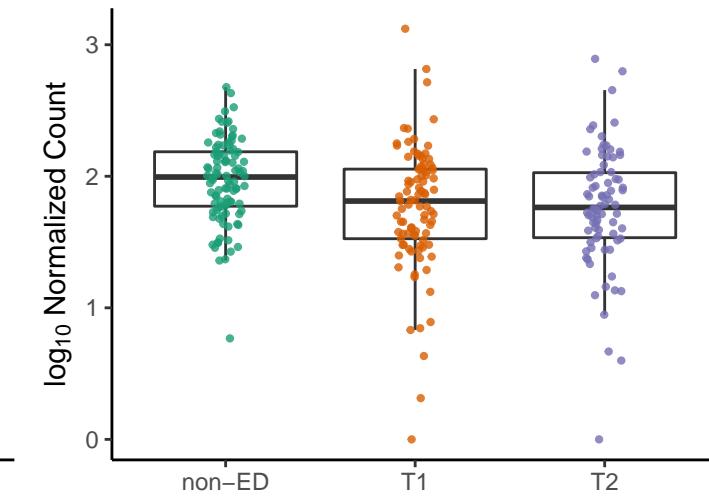
### *Mycobacteroides chelonae*

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



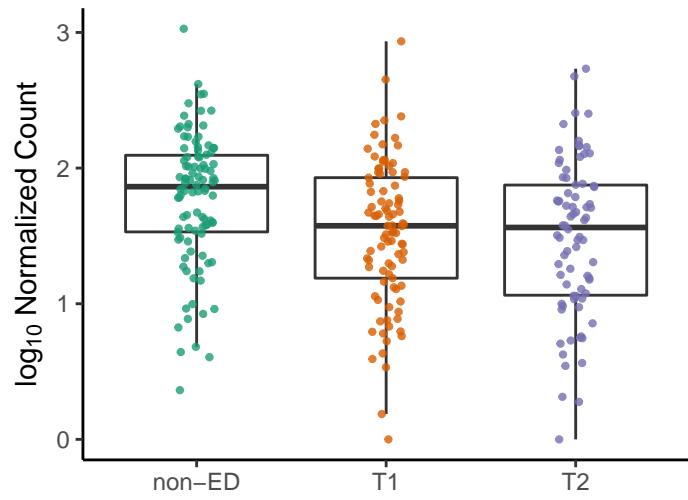
### *Advenella kashmirensis*

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



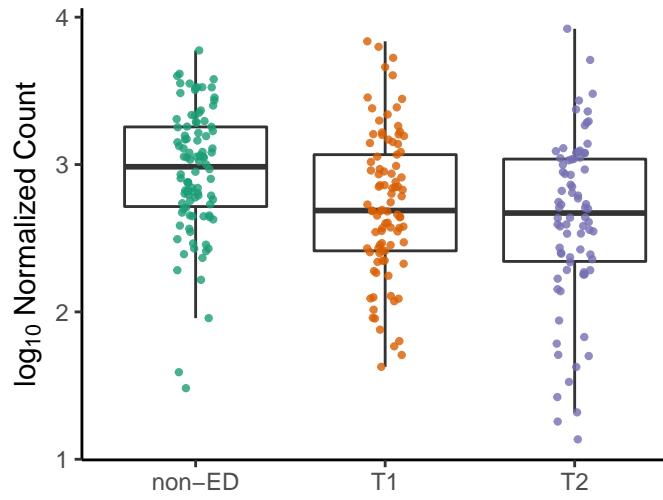
### *Pseudomonas palleroniana*

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



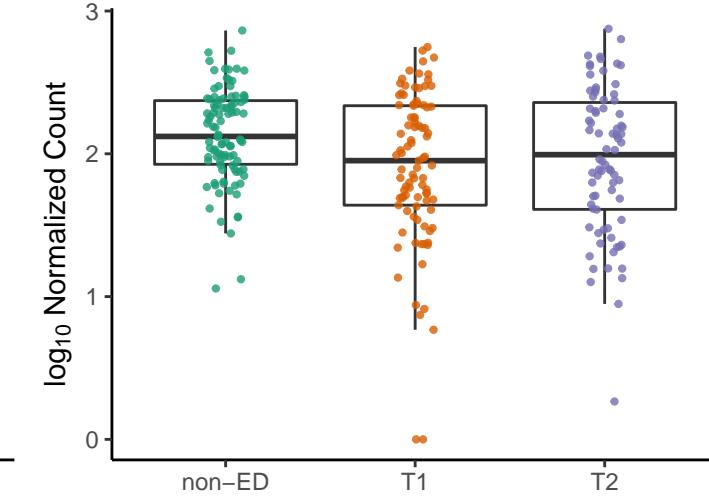
### *Streptococcus mitis*

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



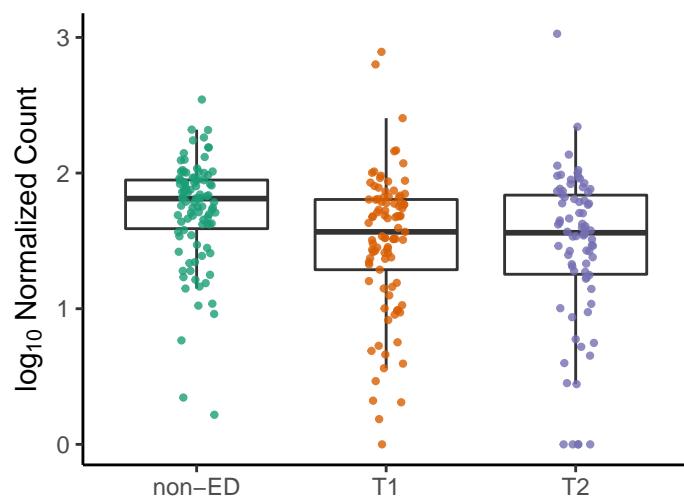
### *Ilumatobacter coccineus*

non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.71



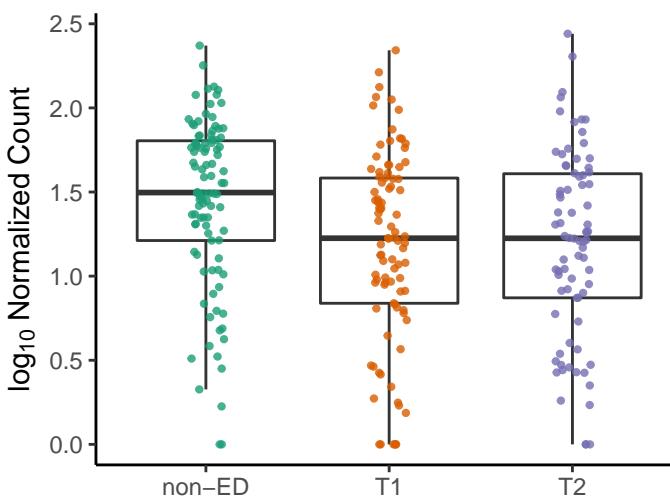
### Pasteurellaceae bacterium Orientalotterr

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



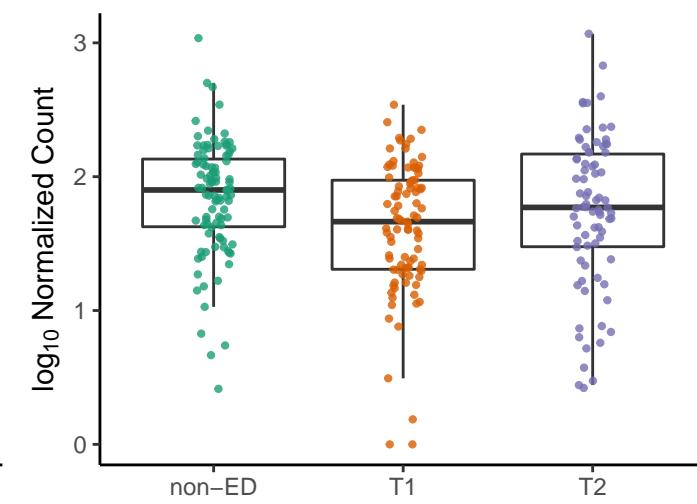
### Burkholderia sp. NRF60–BP8

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



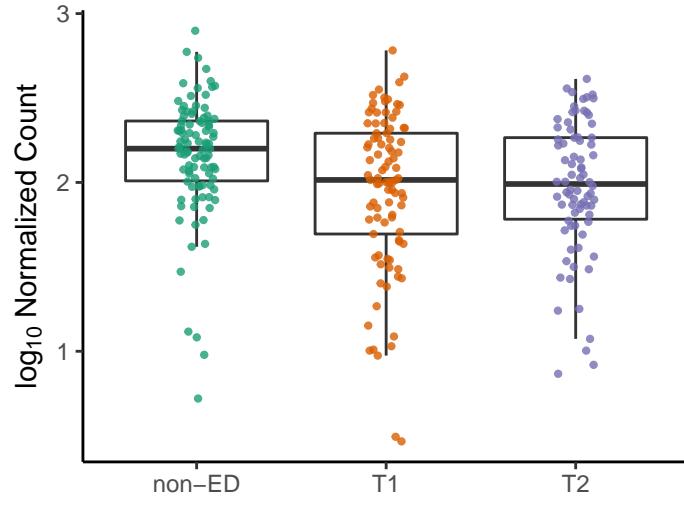
### Mycobacterium paraseoulense

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.43



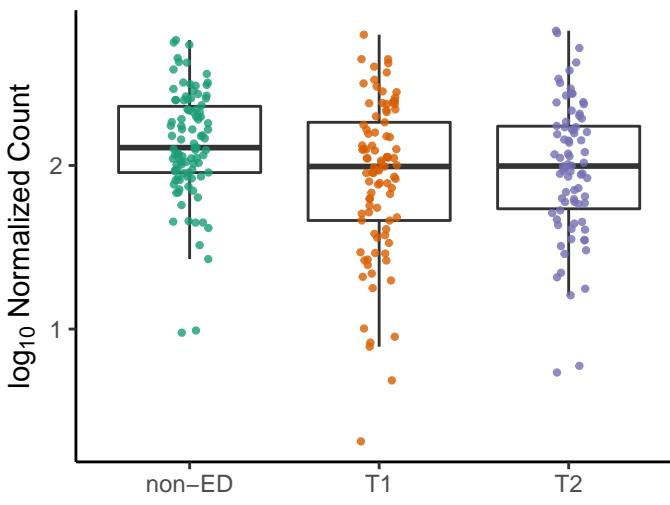
### Unclassified Massilia Genus

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



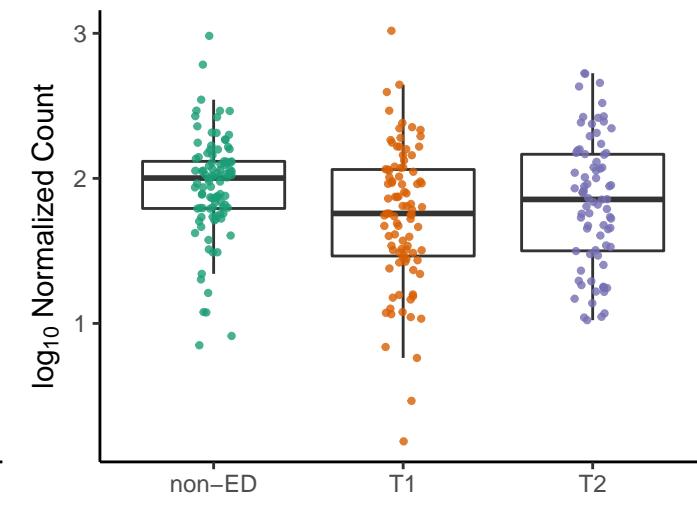
### Lysobacter antibioticus

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.63



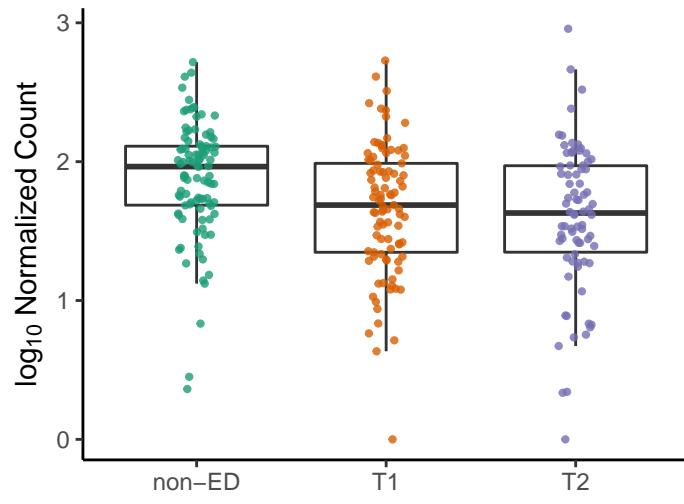
### Altererythrobacter atlanticus

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.51



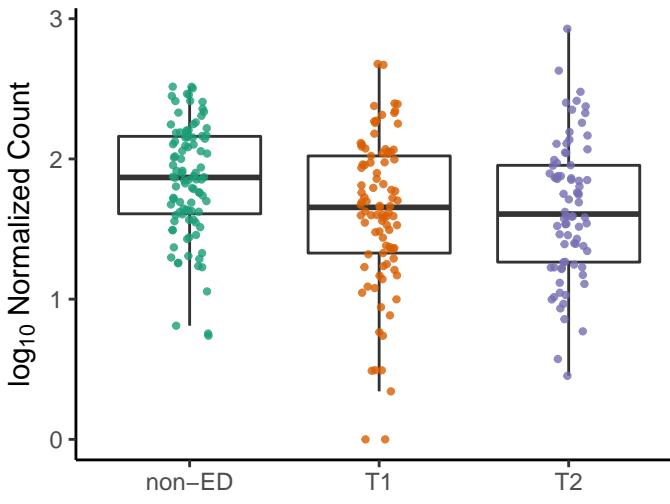
### Lactobacillus heilongjiangensis

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



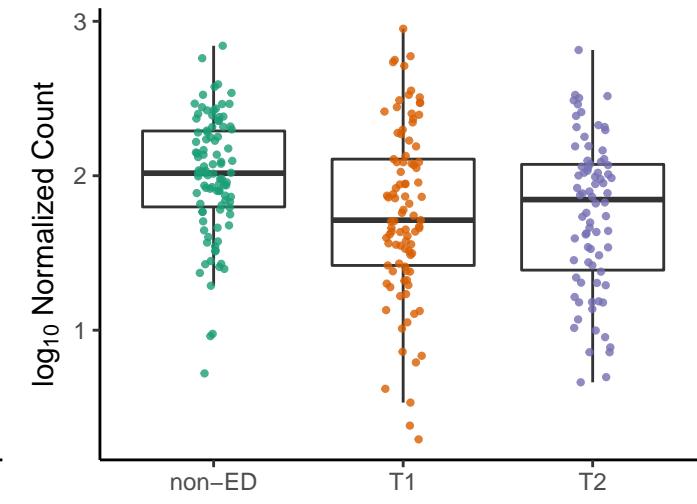
### Burkholderia territorii

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.76



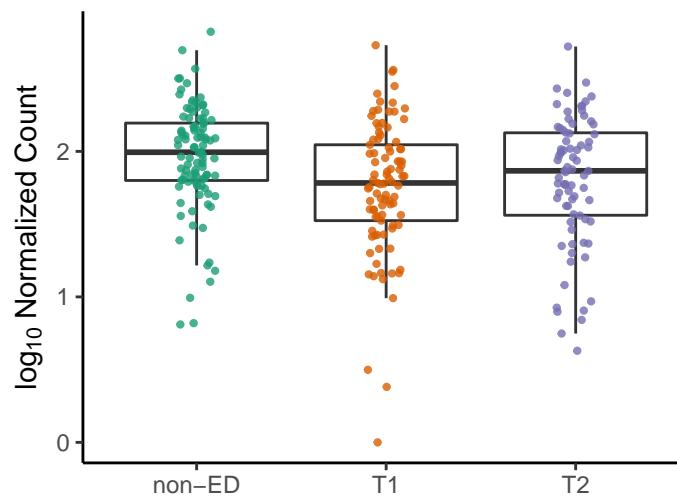
### Corynebacterium endometrii

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



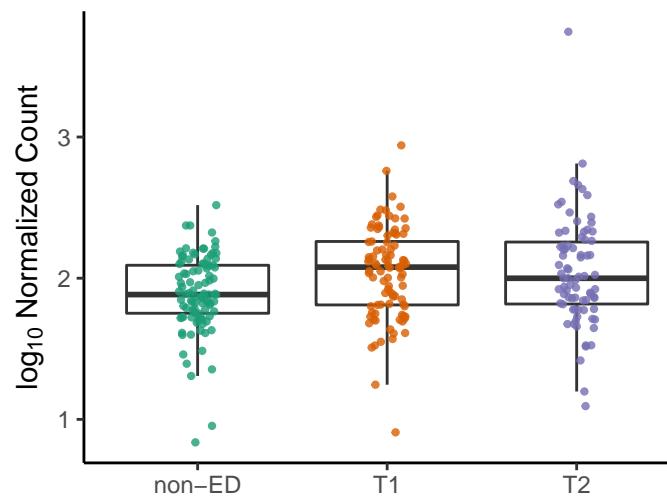
### *Corynebacterium lactis*

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.7



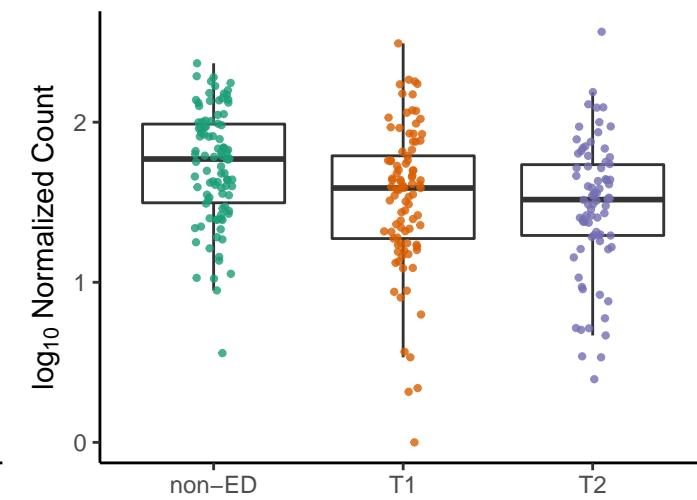
### *Oceanispirochaeta* sp. K2

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



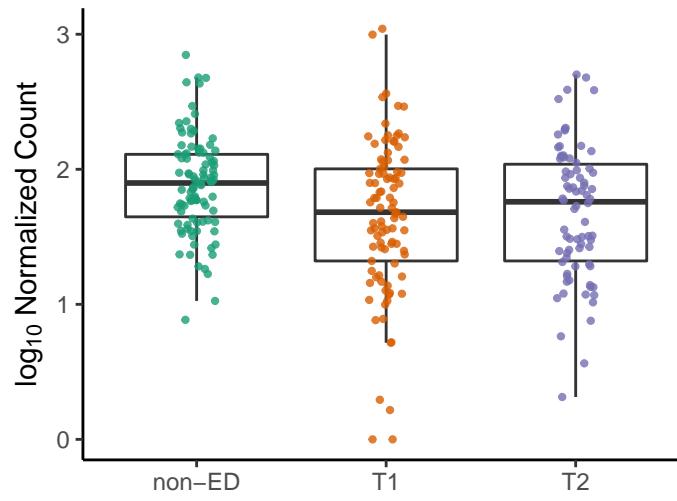
### *Shewanella piezotolerans*

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



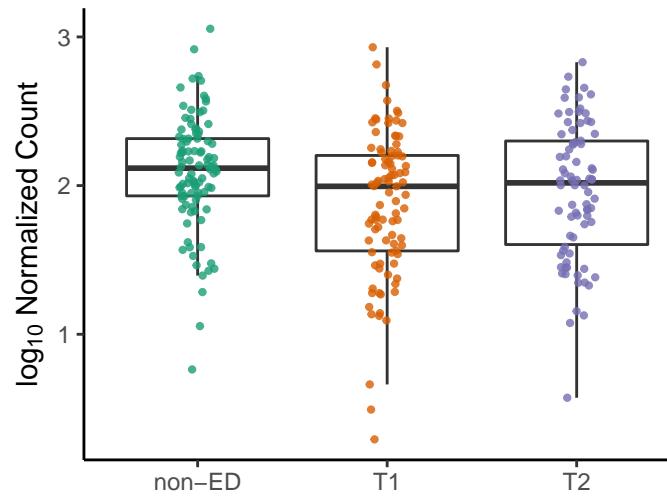
### *Streptomyces* sp. NEAU-S7GS2

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.67



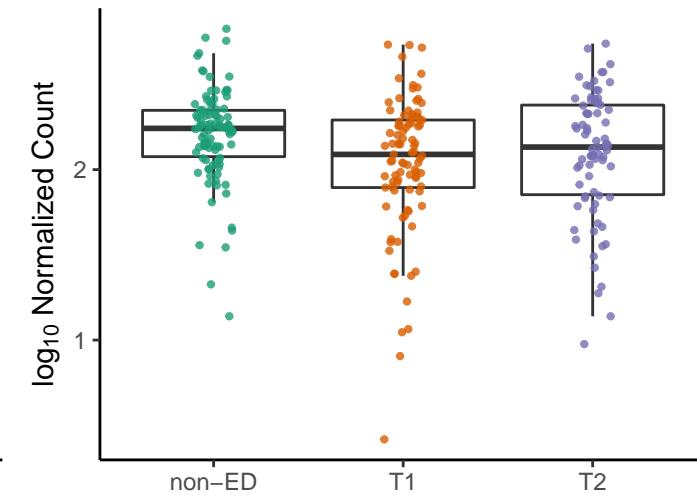
### Unclassified Caulobacter Genus

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.57



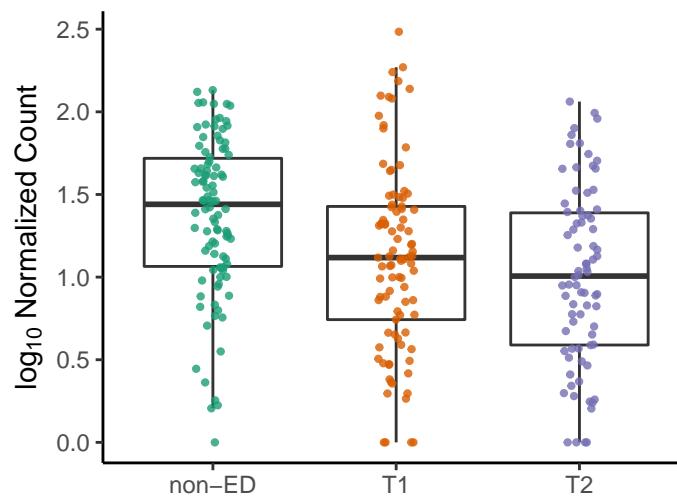
### Unclassified Pantoea Genus

non-ED vs. T1 adjusted p = 0.0085  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.63



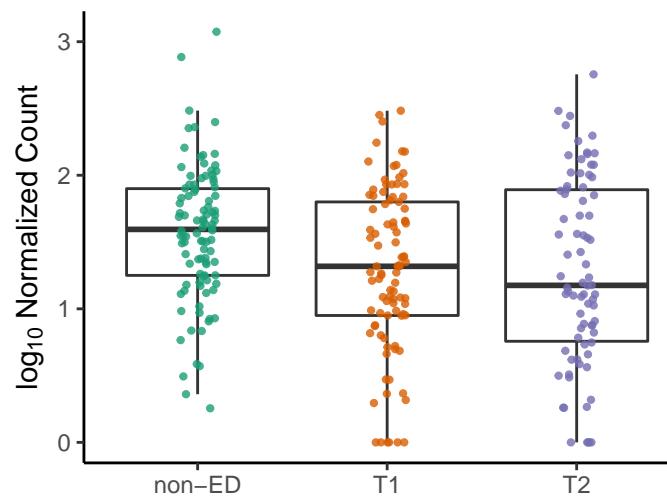
### *Spiroplasma monobiae*

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



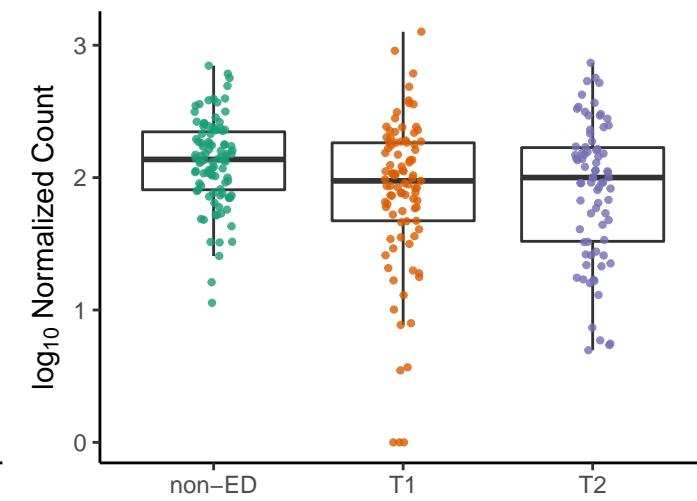
### *Blastomonas* sp. RAC04

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

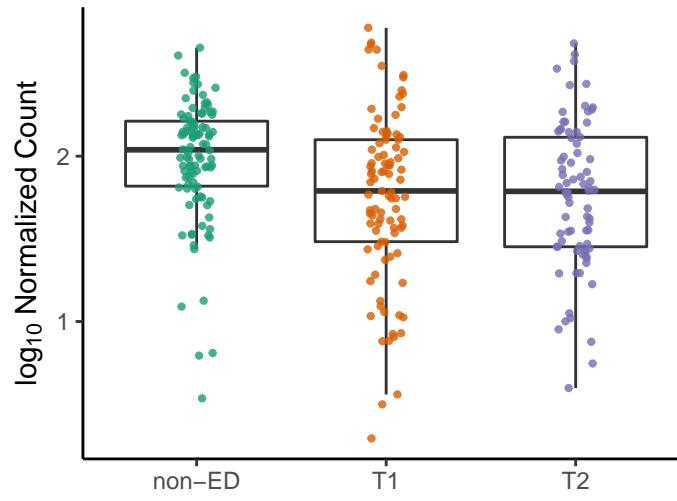


### *Ectothiorhodospira haloalkaliphila*

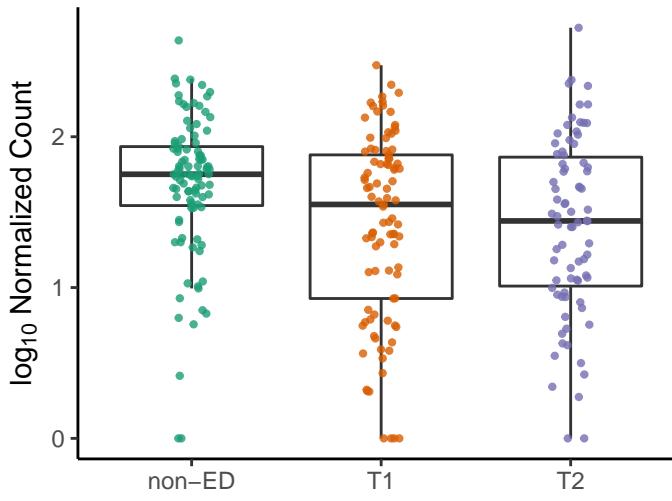
non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.8



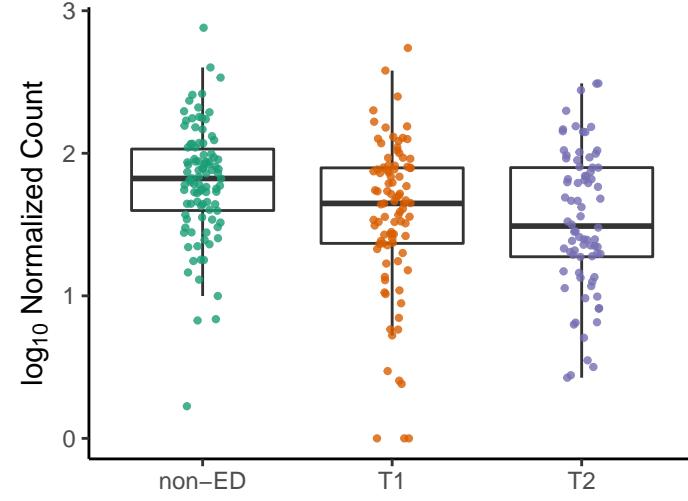
**Unclassified Hungateiclostridiaceae Fam**  
 non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.83



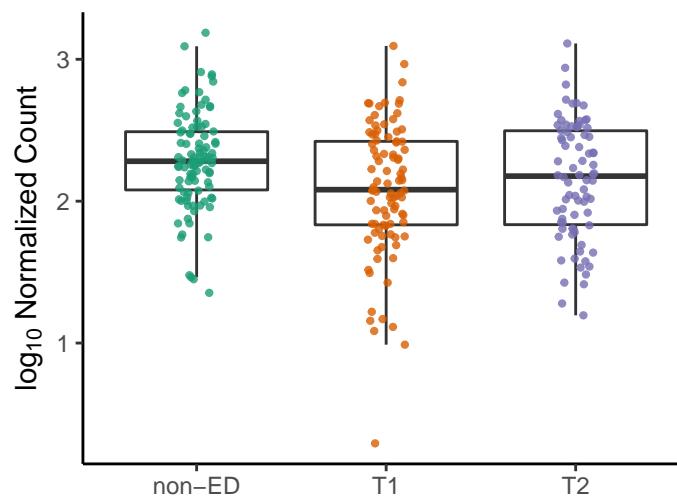
**Unclassified Saccharomonospora Genus**  
 non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.8



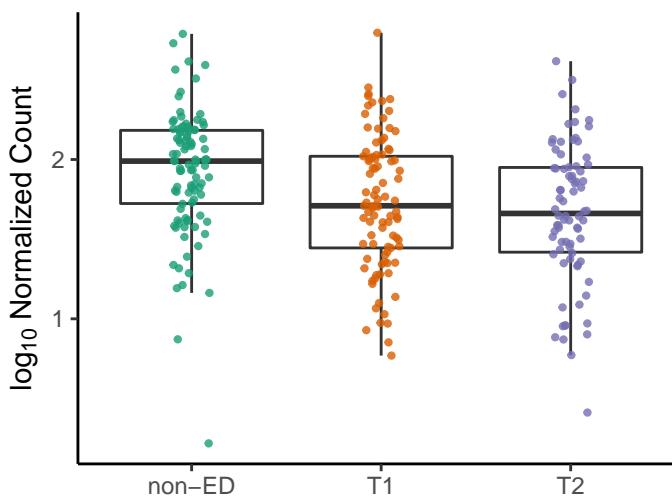
**Planctomycetes bacterium Pan153**  
 non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.88



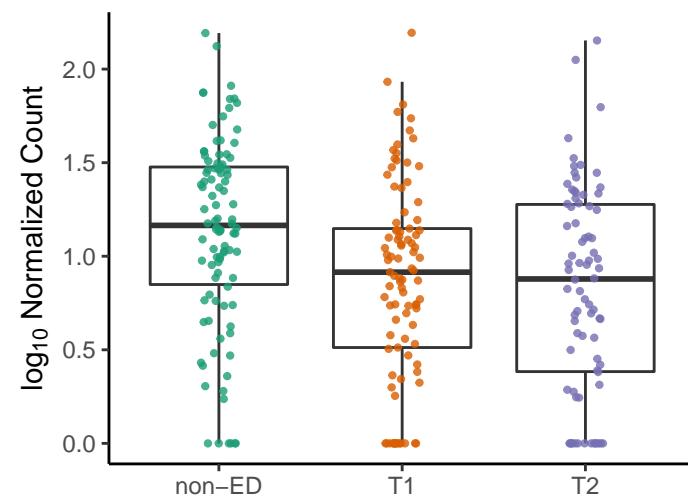
**Ruania sp. HY168**  
 non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.63



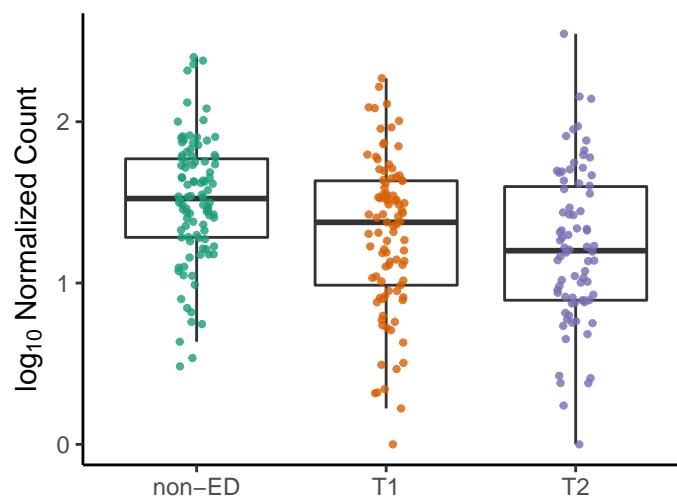
**Acholeplasma oculi**  
 non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.77



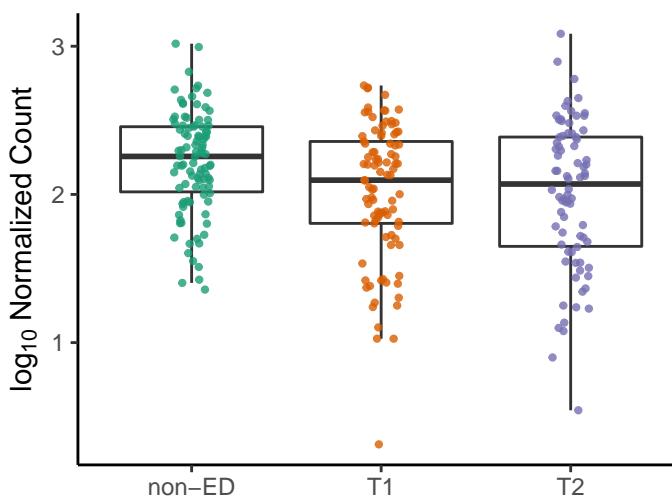
**Borrelia duttonii**  
 non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.73



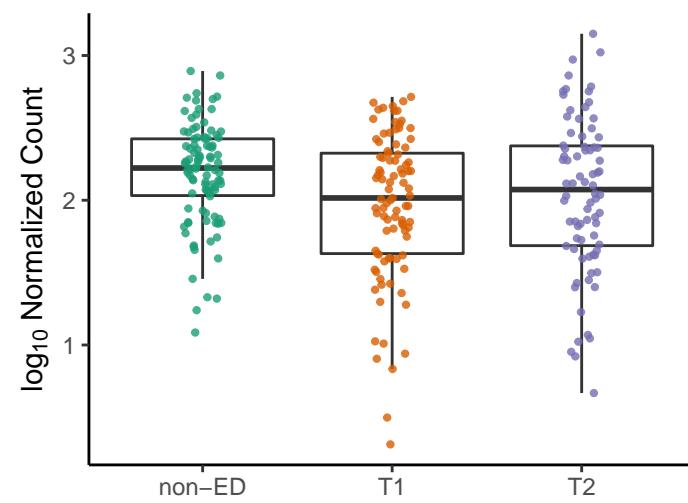
**Methanococcus voltae**  
 non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.001  
 T1 vs. T2 adjusted p = 0.71



**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

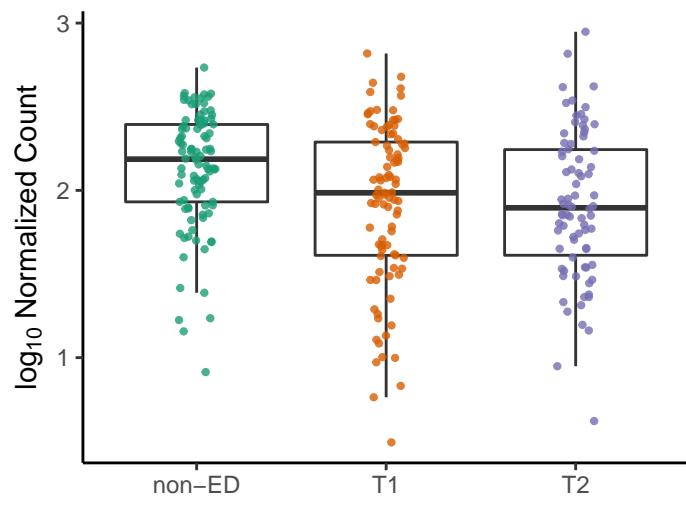


**Streptomyces sp. DSM 40868**  
 non-ED vs. T1 adjusted p = 0.0091  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.62



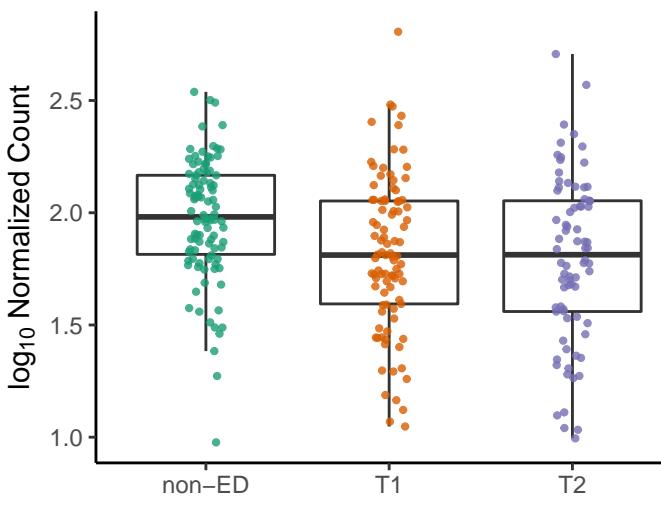
### *Streptomyces albulus*

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



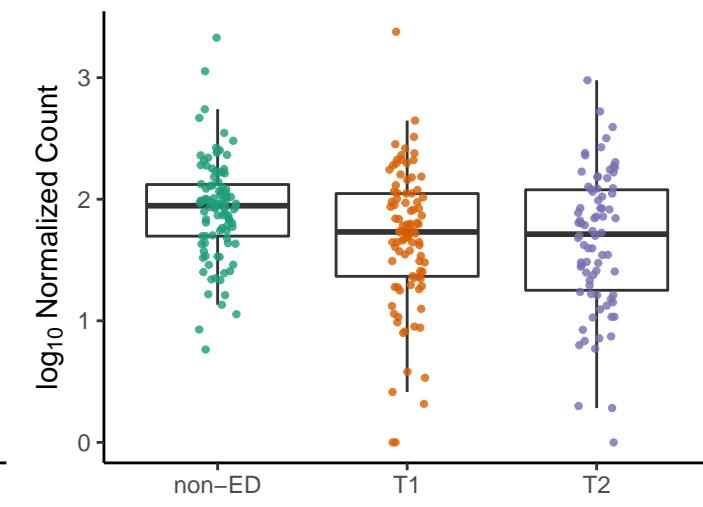
### *Exiguobacterium mexicanum*

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



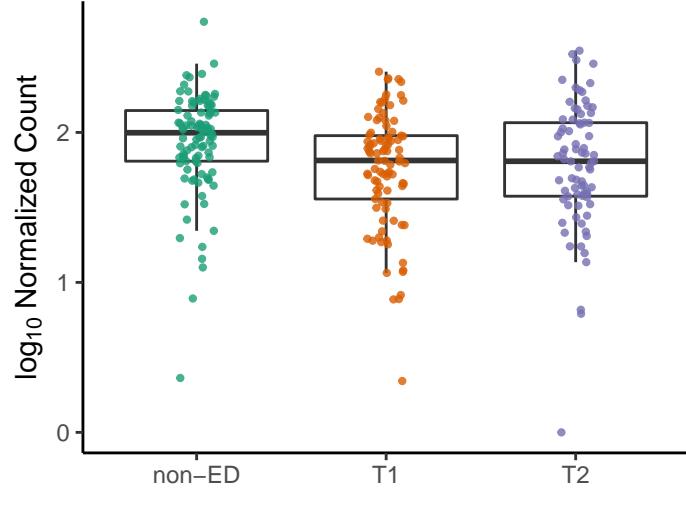
### *Sphingomonas* sp. AAP5

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



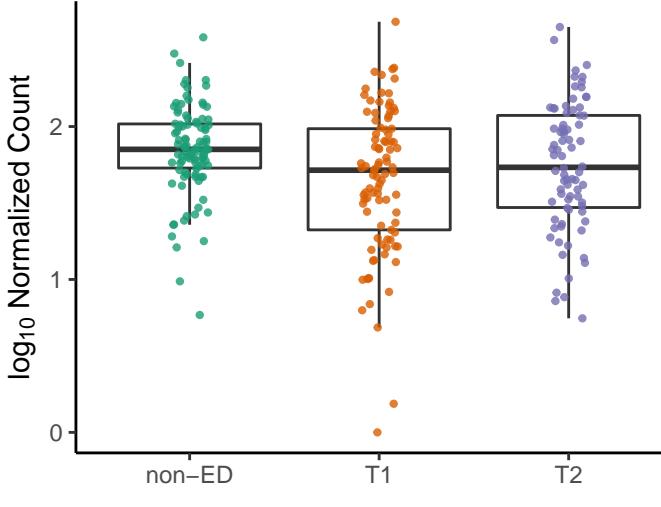
### *Sporosarcina pasteurii*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.9



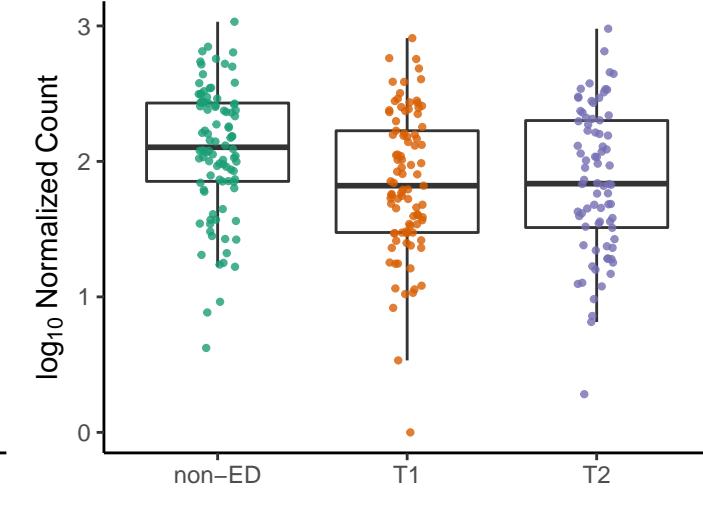
### *Teredinibacter turnerae*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.47



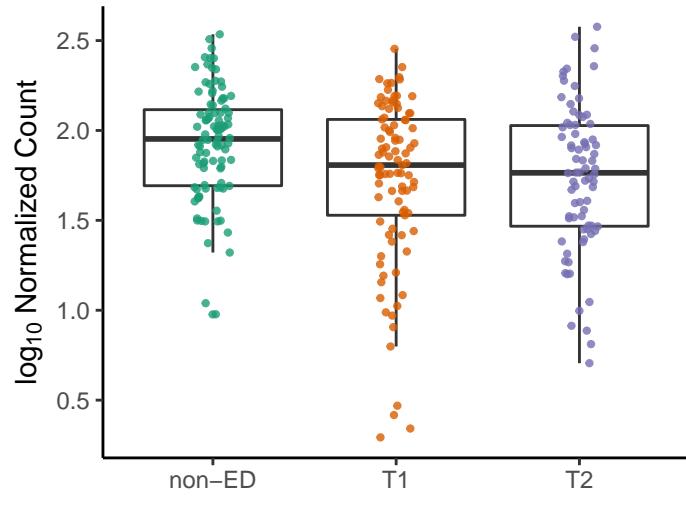
### Unclassified Erythrobacteraceae Family

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



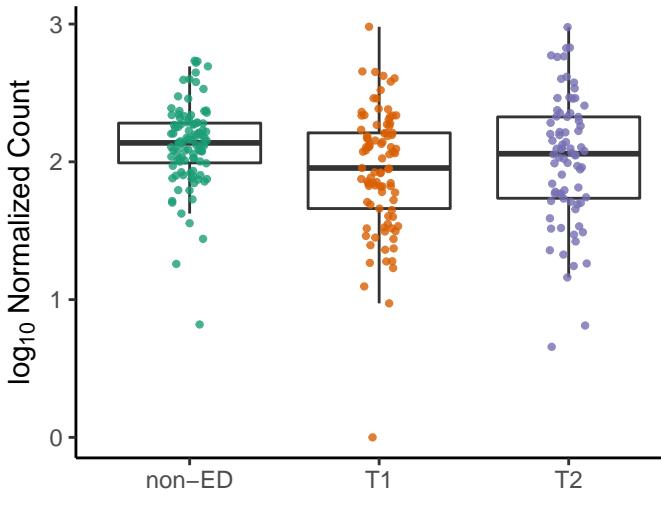
### *Methylovulum psychrotolerans*

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



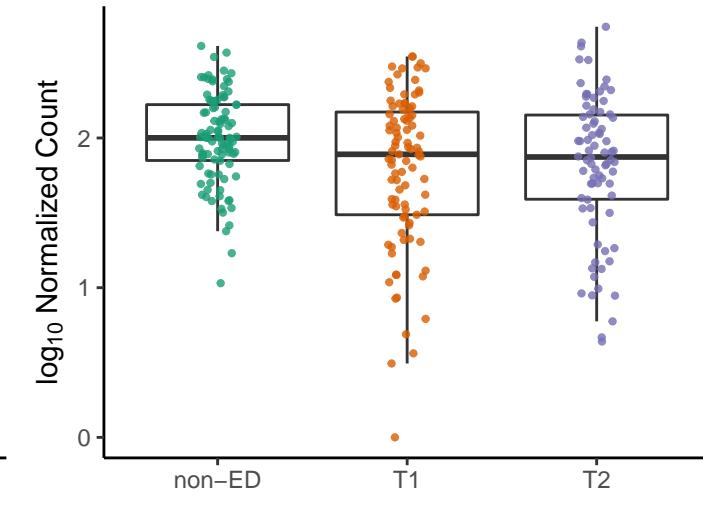
### *Actinomyces* sp. 2129

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.55



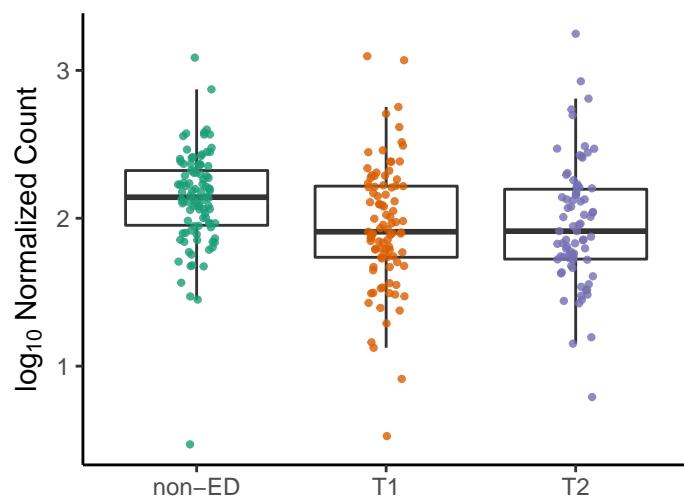
### *Humibacter* sp. WJ7-1

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.83



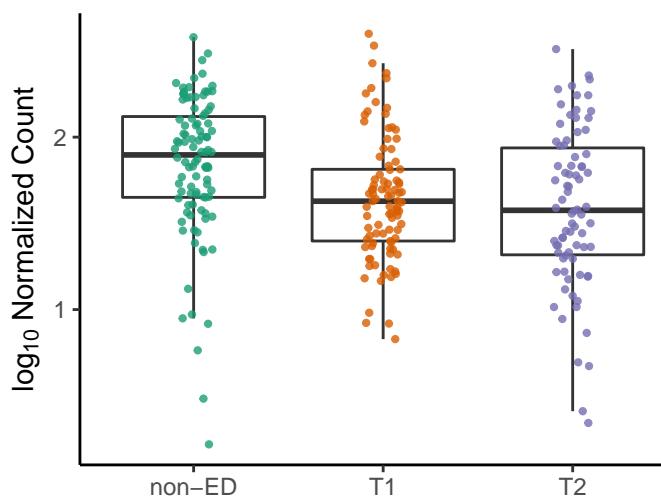
### *Lentibacillus amyloliquefaciens*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.91



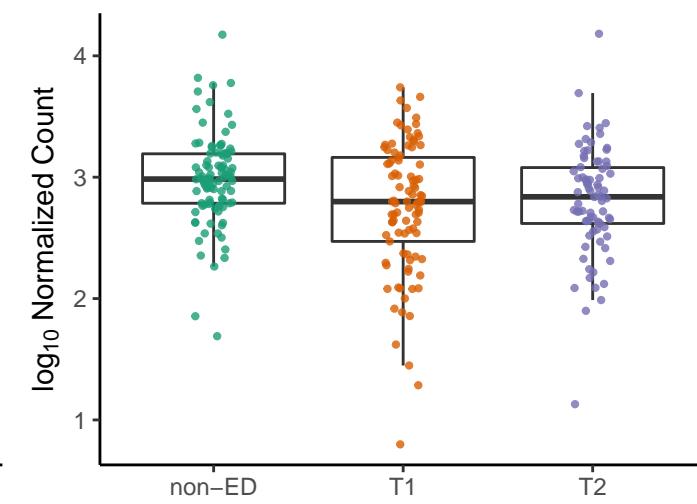
### *Staphylococcus felis*

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



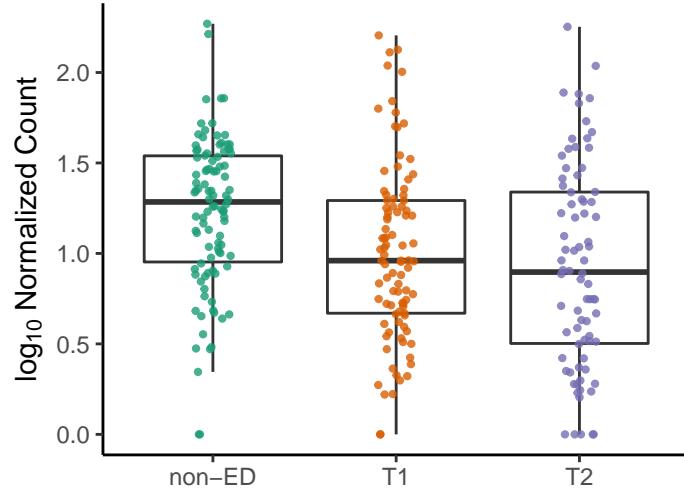
### *Denitrobacterium detoxificans*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.67



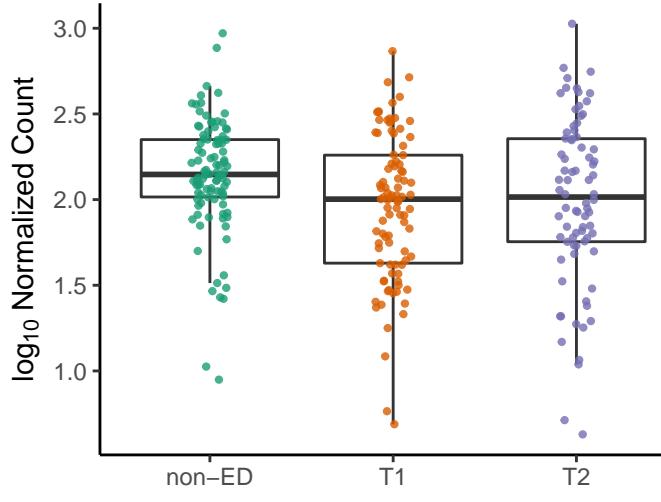
### *alpha proteobacterium HIMB5*

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



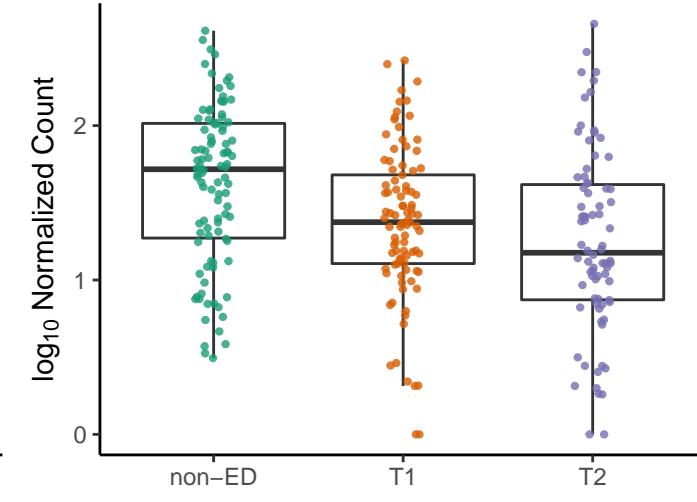
### *Azospirillum sp. M2T2B2*

non-ED vs. T1 adjusted p = 0.0093  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.7



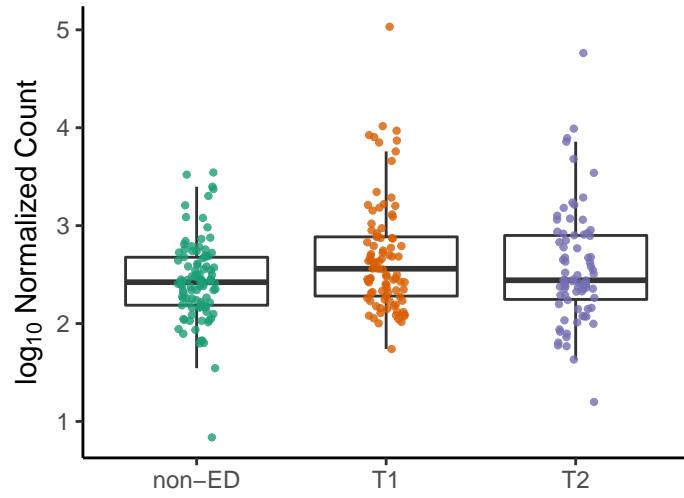
### *Pseudomonas sp. LTJR-52*

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



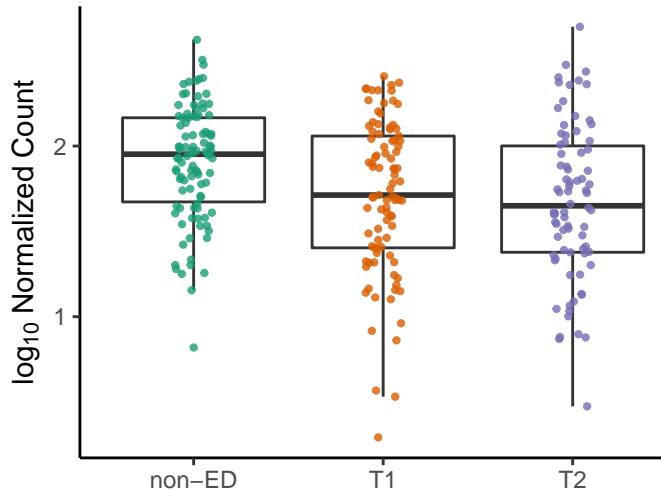
### *Streptococcus mutans*

non-ED vs. T1 adjusted p = 0.0094  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.75



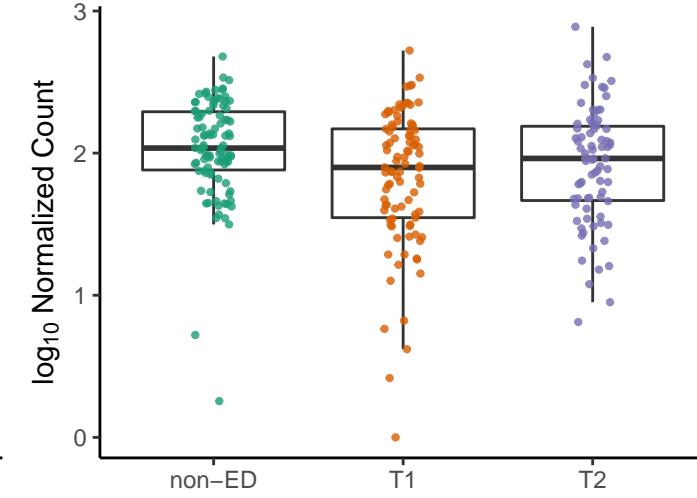
### *Pseudarthrobacter chlorophenolicus*

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



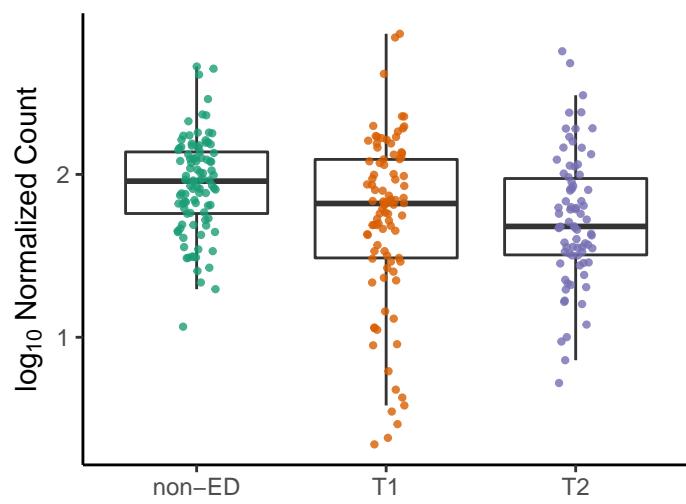
### *Roseitalea porphyridii*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.64



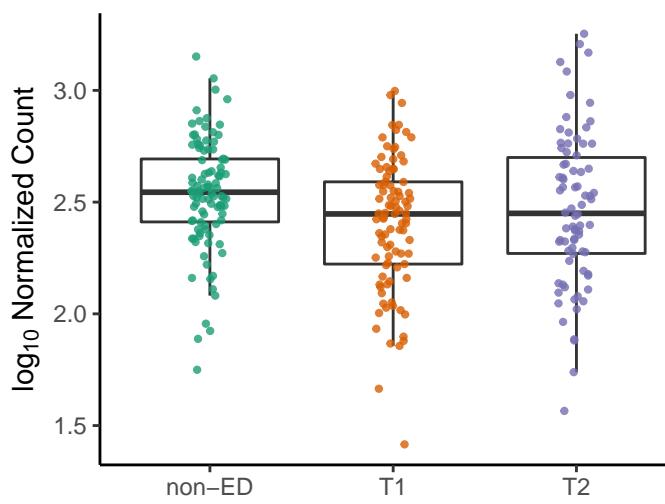
### *Corynebacterium uterequi*

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



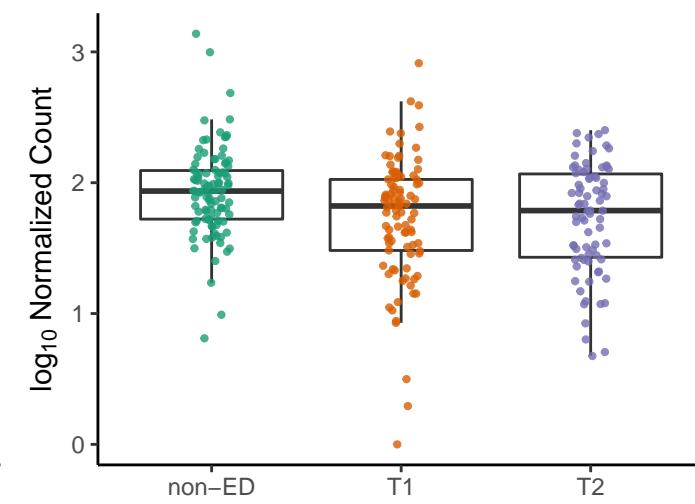
### *Paenibacillus* sp. FSL R7-0273

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.49



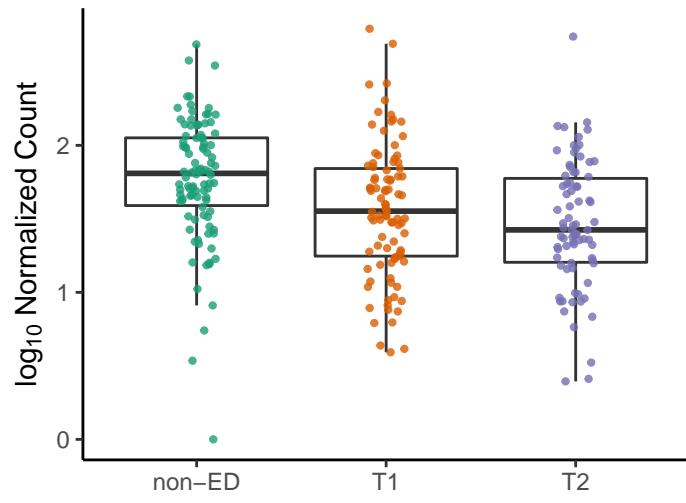
### *Corynebacterium riegelii*

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



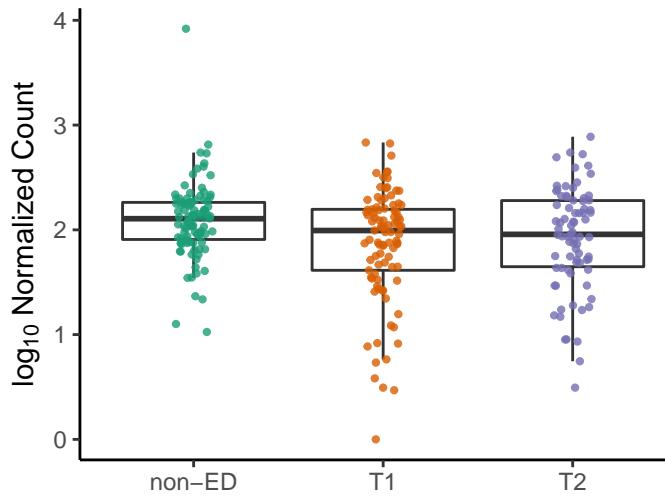
### *Flavobacteriaceae* bacterium MAR\_2010

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



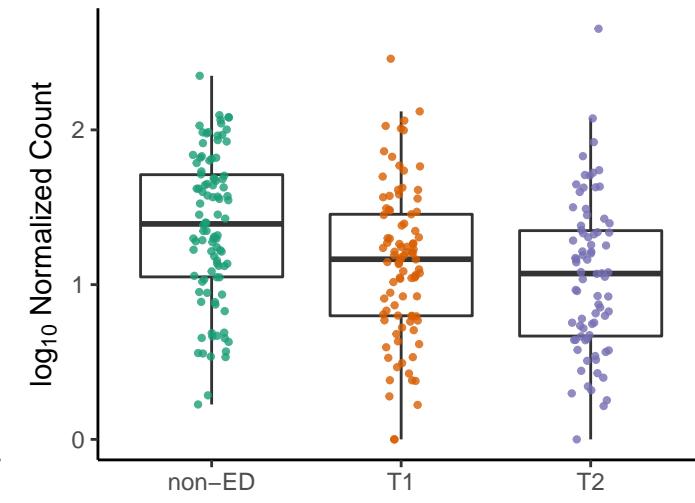
### *Methylobacterium brachiatum*

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



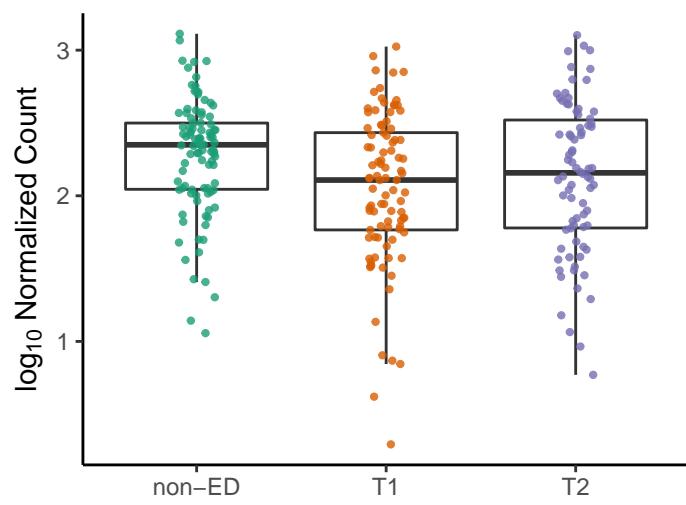
### *Glaciecola* sp. 4H-3-7+YE-5

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



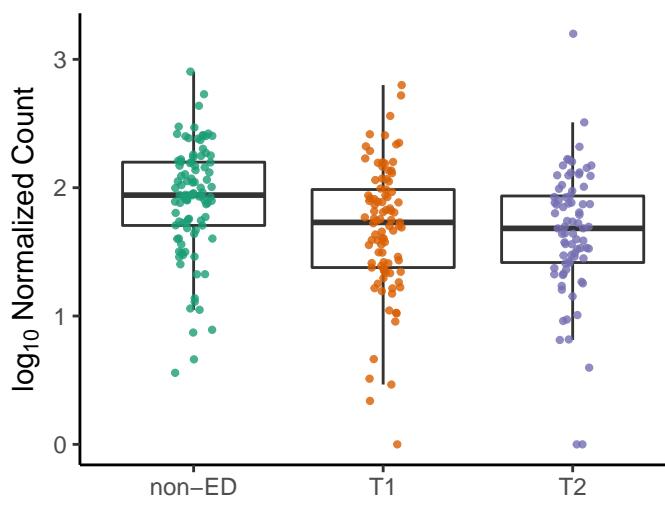
### *Kineococcus radiotolerans*

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.67



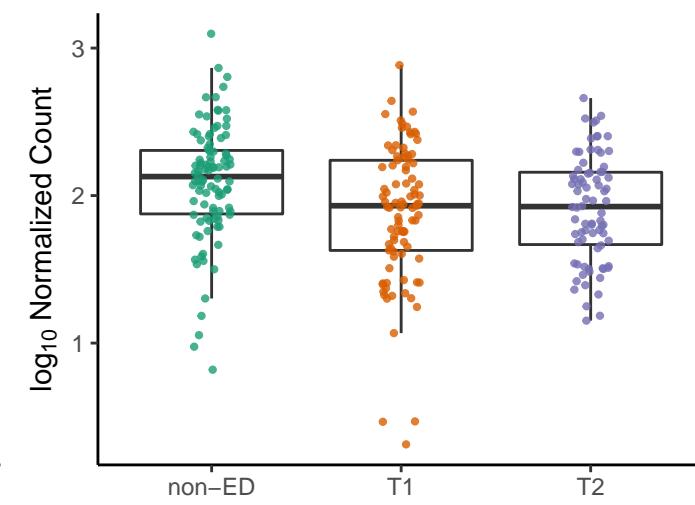
### *Frischella perrara*

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



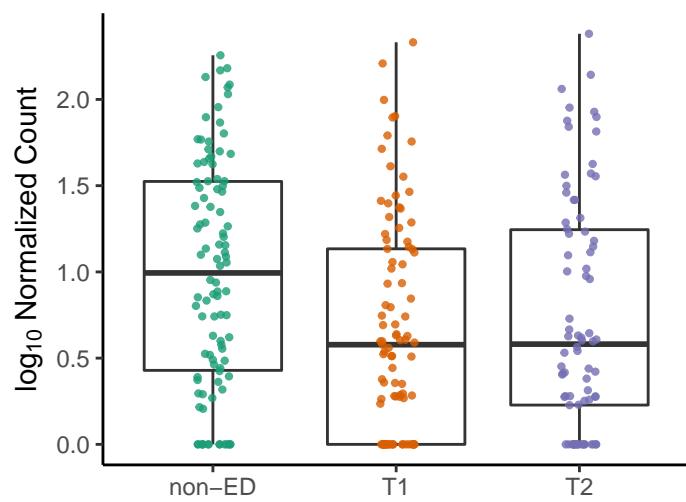
### *Novosphingobium* sp. P6W

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



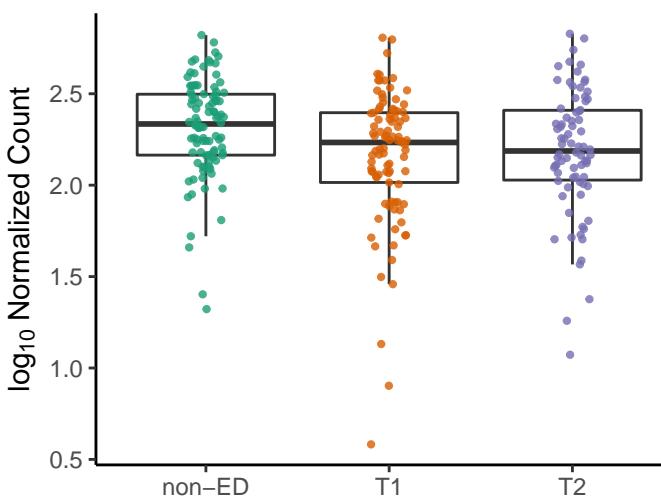
### *Streptomyces* sp. SM17

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.75



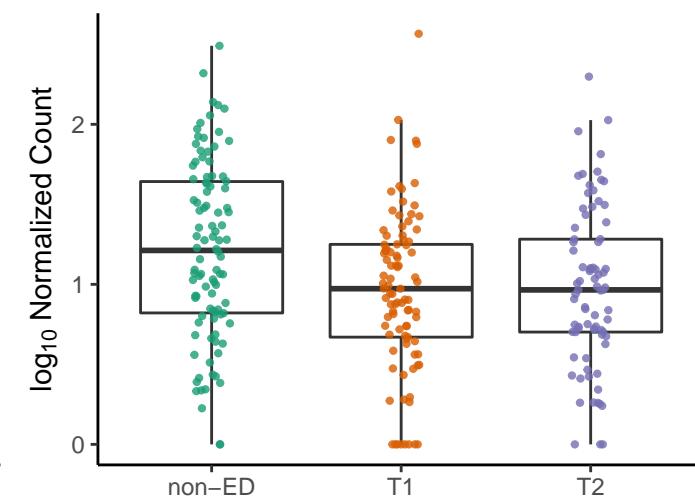
### Unclassified Acetobacter Genus

non-ED vs. T1 adjusted p = 0.0096  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.78



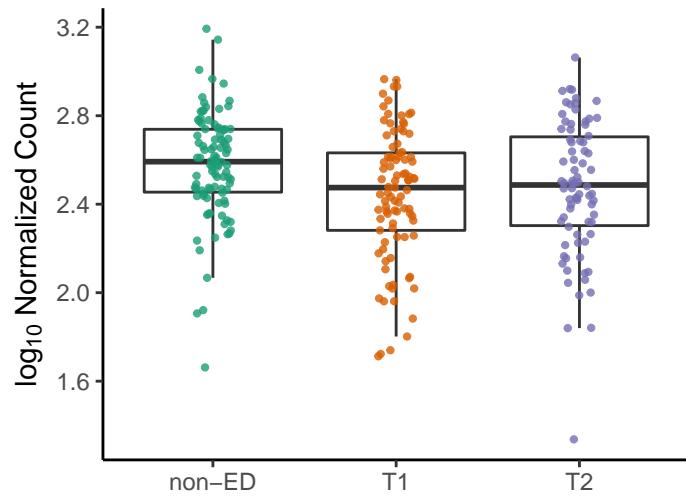
### *Bradyrhizobium* sp. WSM471

non-ED vs. T1 adjusted p = 0.0097  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.79



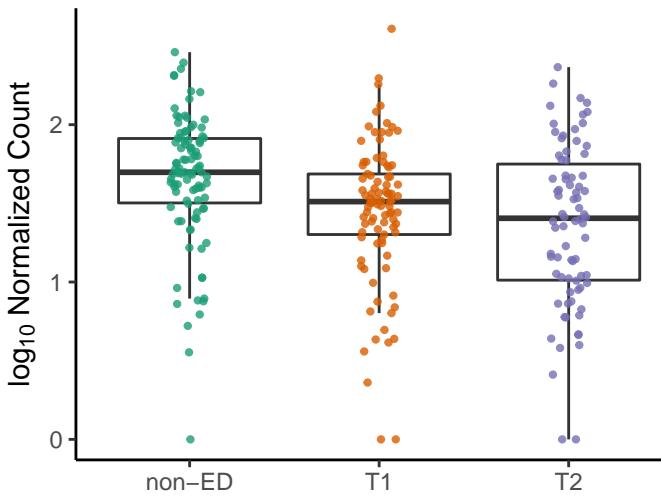
### *Paenibacillus* sp. JDR-2

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



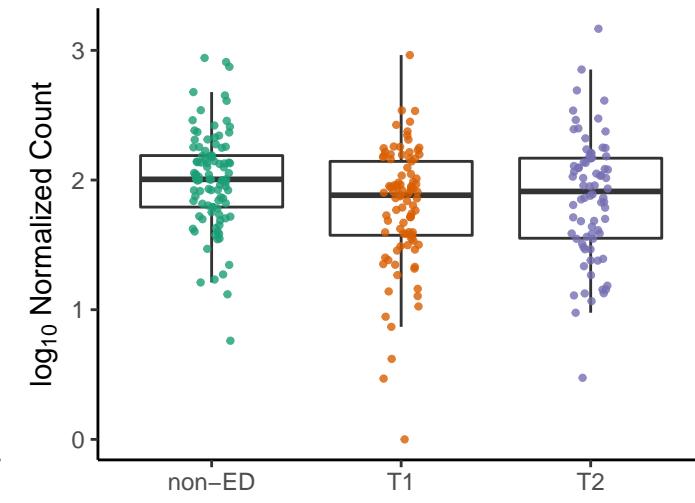
### *Winogradskyella* sp. J14-2

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



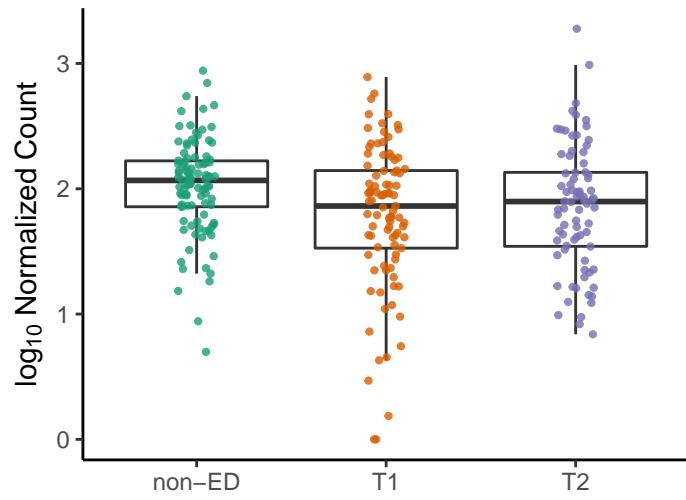
### *Ketogulonicigenium robustum*

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.61



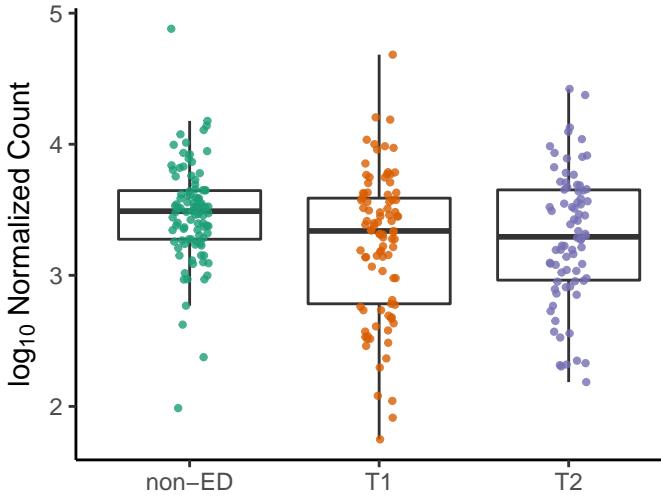
### *Streptomyces viridosporus*

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.59



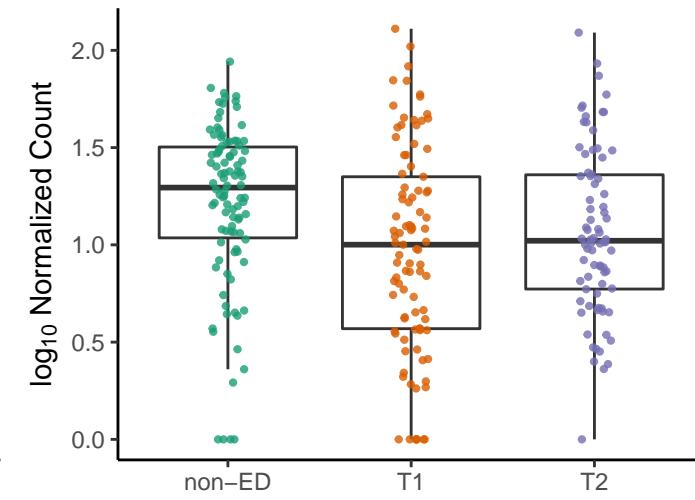
### Unclassified Atopobiaceae Family

non-ED vs. T1 adjusted p = 0.0098  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.68



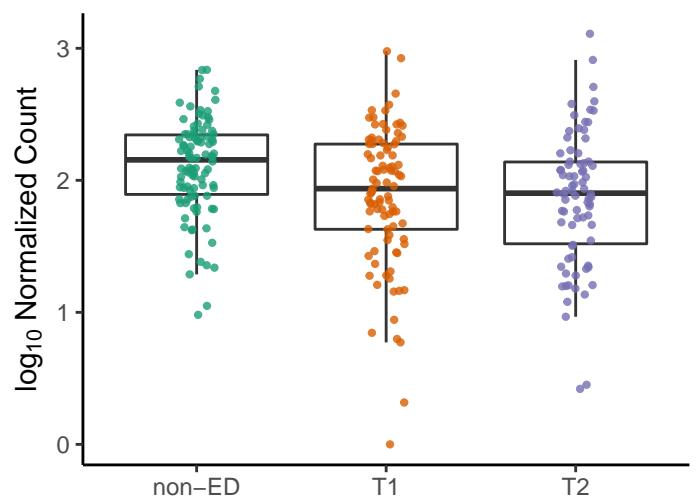
### *Methanofervidicoccus* sp. A16

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.77



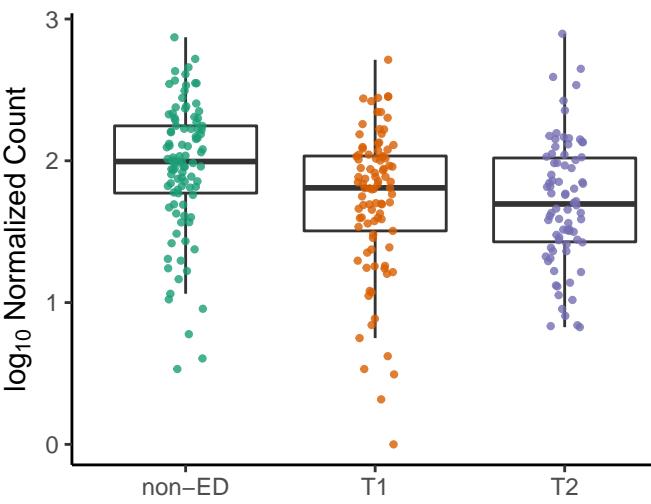
### *Variovorax* sp. RA8

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



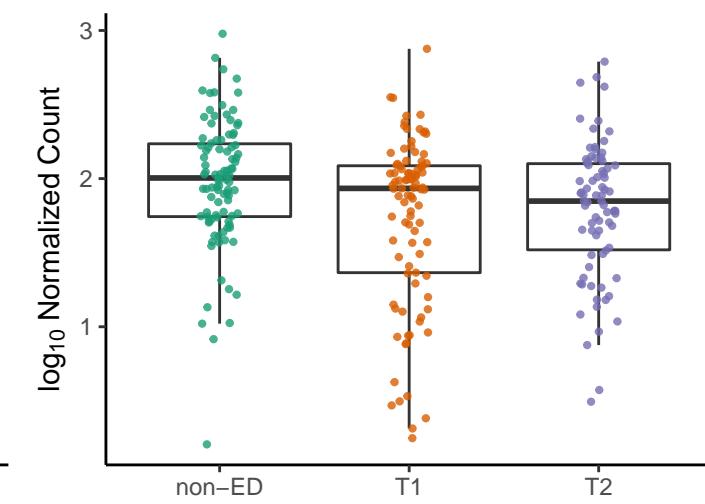
### *Gallaecimonas mangrovi*

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



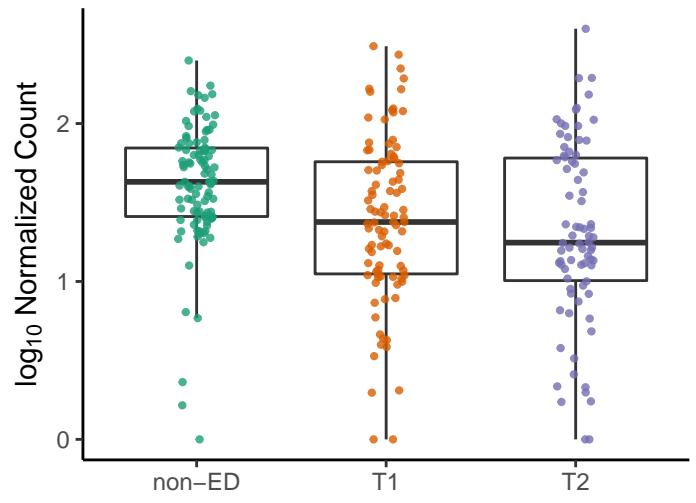
### *Vitreoscilla filiformis*

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.77



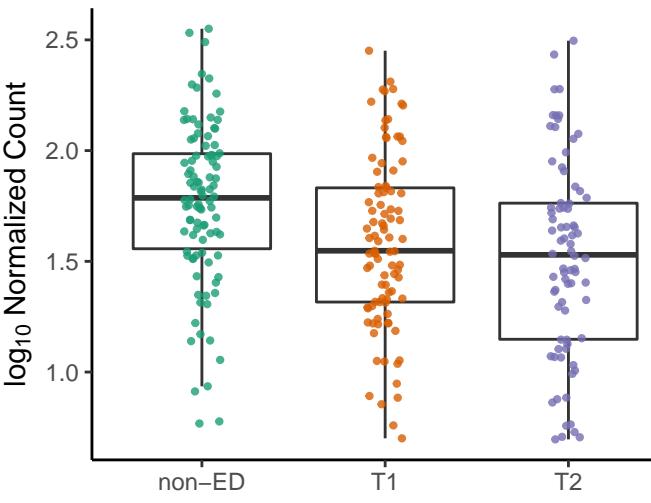
### *Candidatus Gracilibacteria bacterium HC*

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



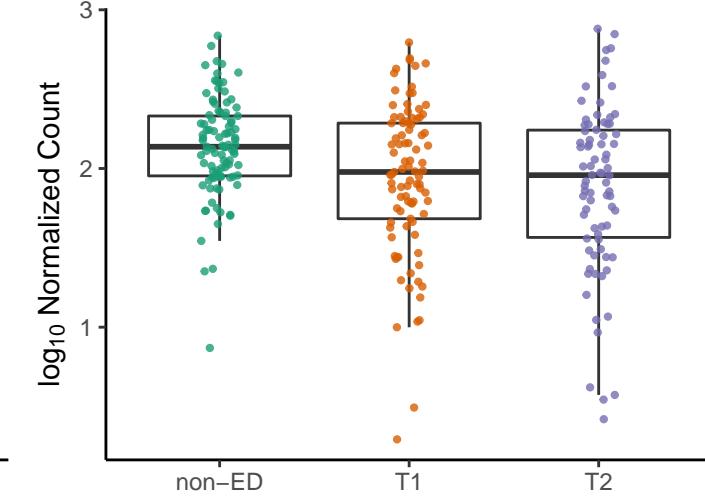
### *Nostoc* sp. NIES-4103

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



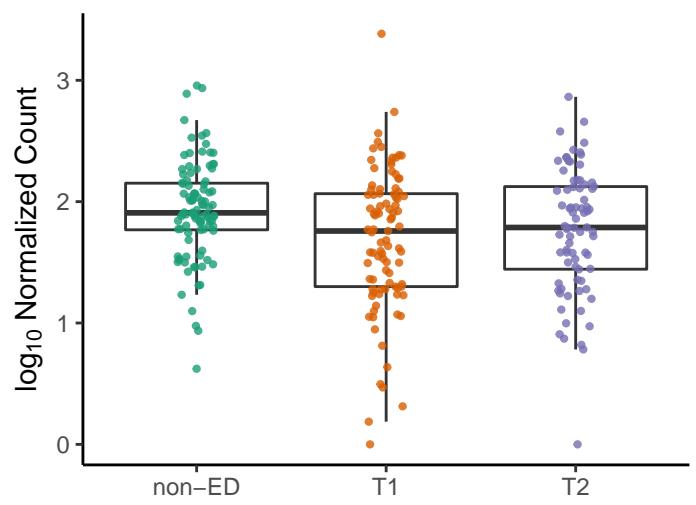
### *Planctomycetes bacterium Pla163*

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



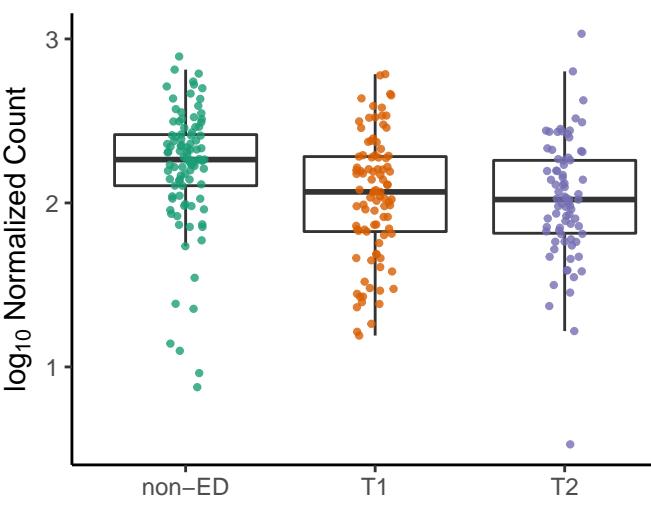
### *Microbacterium wangchenii*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.56



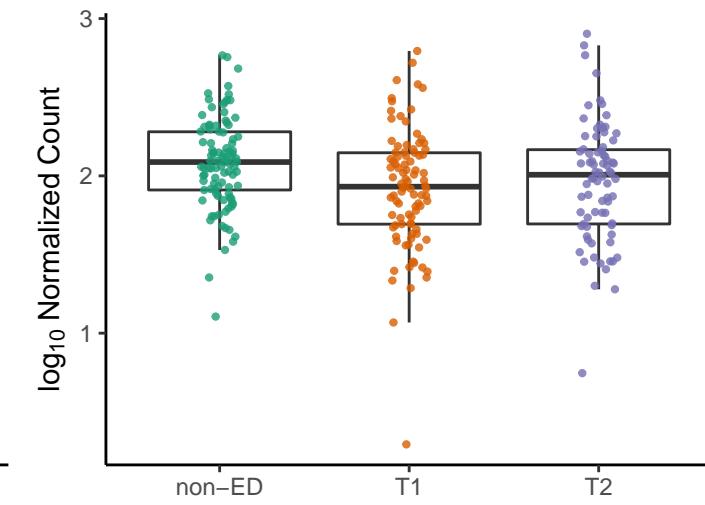
### *Staphylococcus simulans*

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



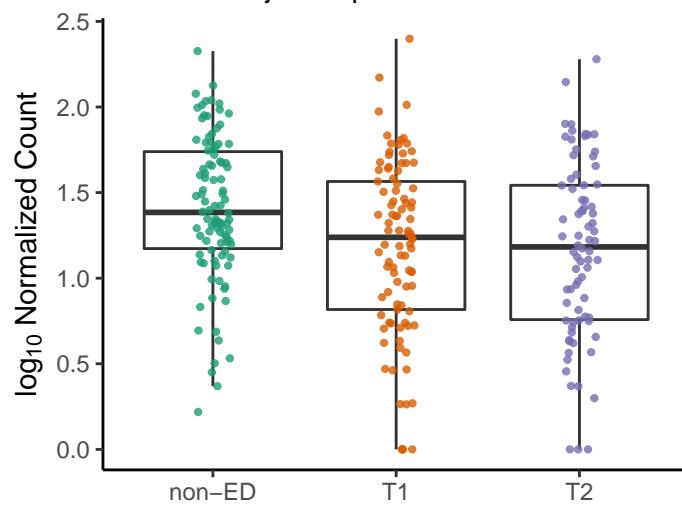
### *Sedimenticola thiotaurini*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



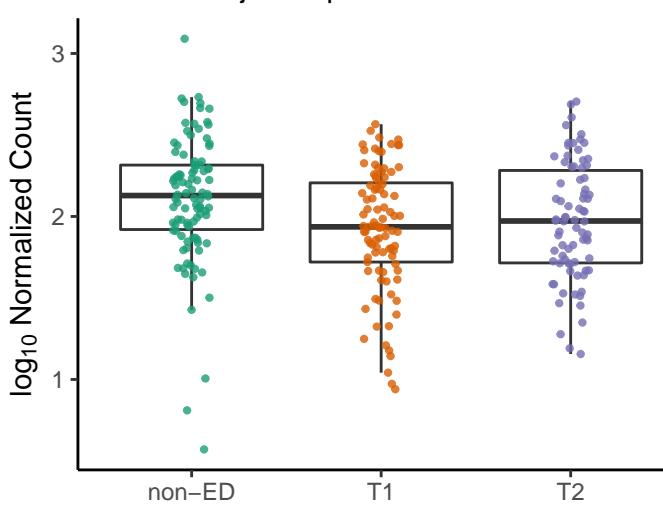
### Rickettsiales endosymbiont of Stachyar

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



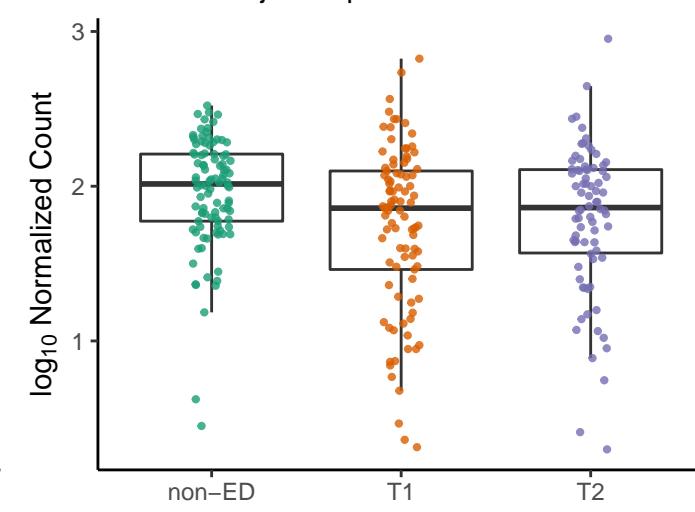
### Calothrix parasitica

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.73



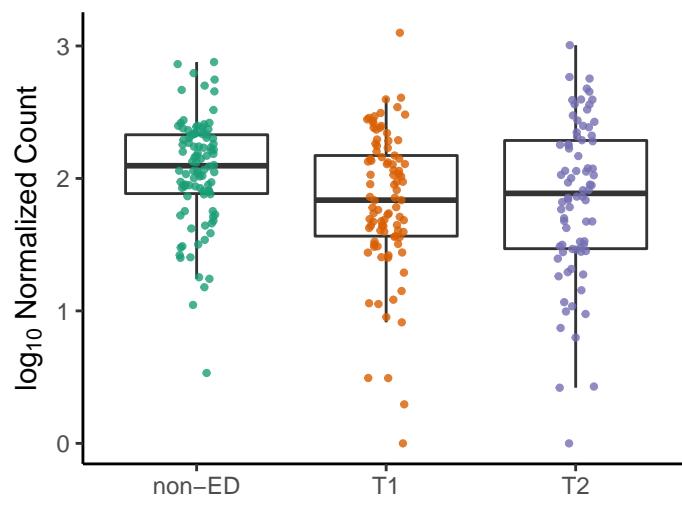
### Herbaspirillum huttense

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.67



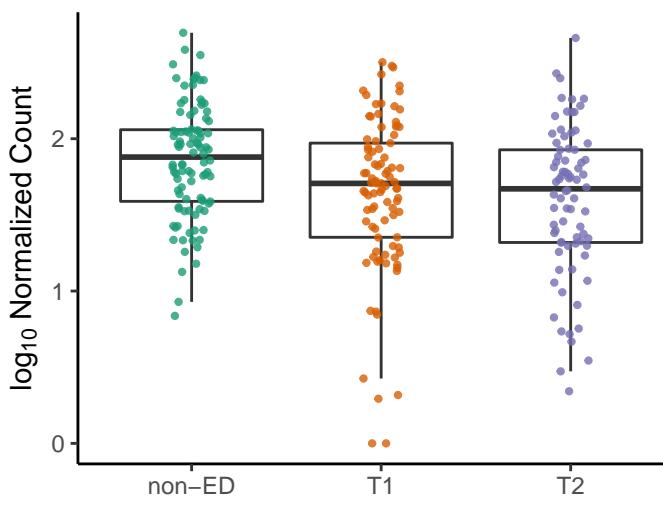
### Cellulomonas fimi

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.82



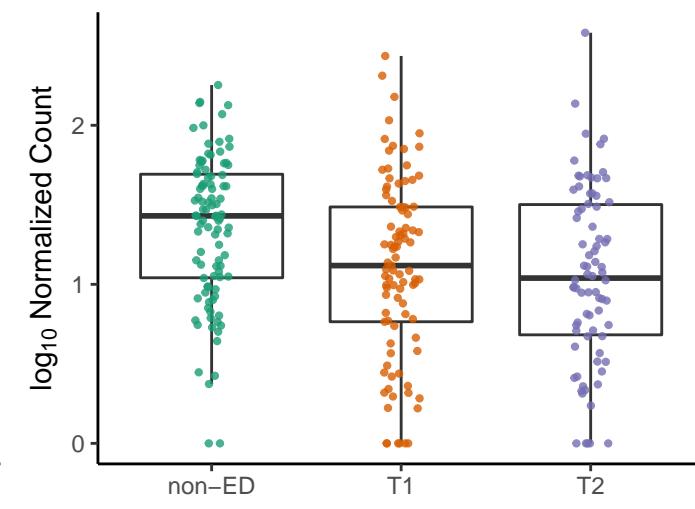
### Hyphomonas sp. Mor2

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



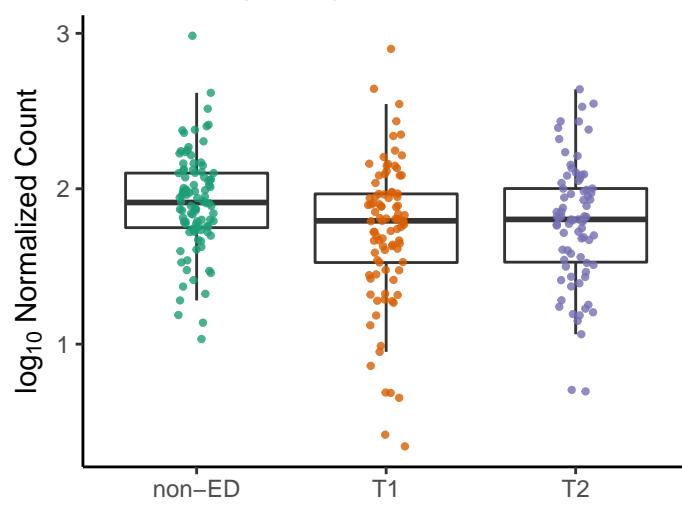
### Mycoplasma nasistruthionis

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



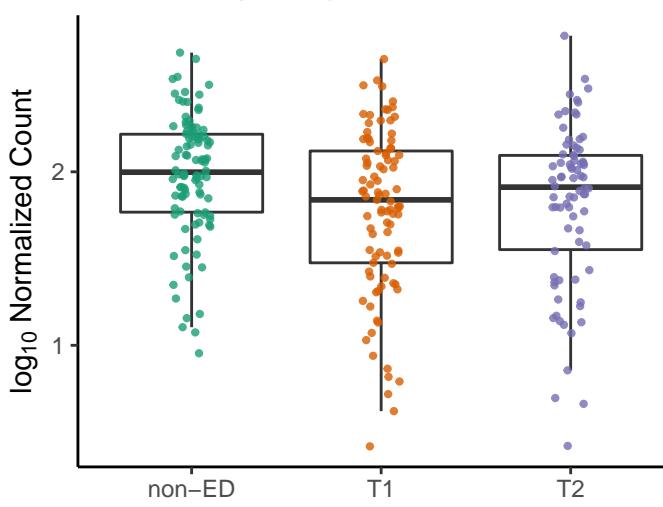
### Glutamicibacter halophytocola

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.61



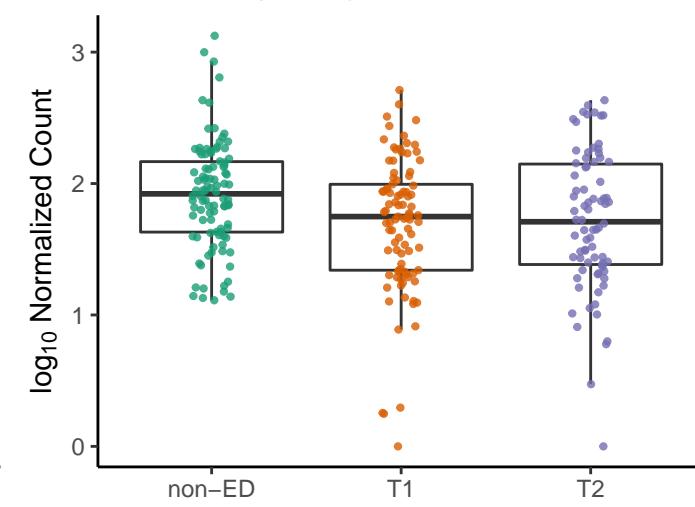
### Corynebacterium efficiens

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.73



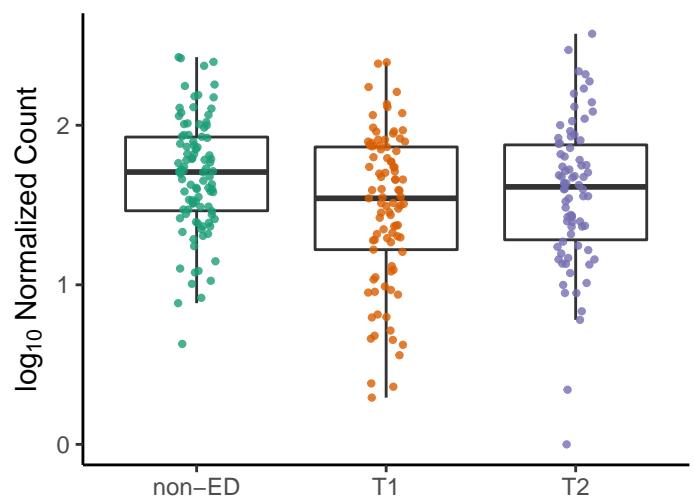
### Corynebacterium maris

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.9



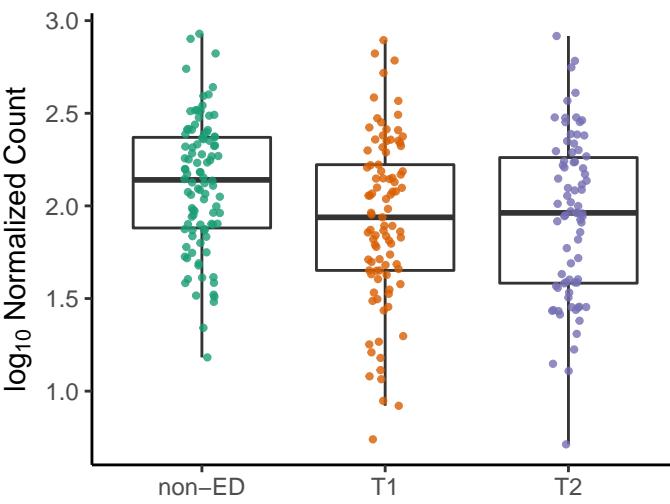
### Ectothiorhodospiraceae bacterium BW-2

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.63



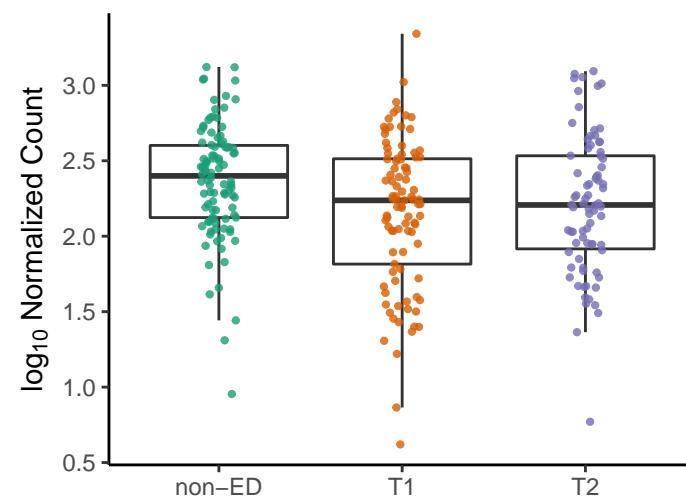
### Marinobacter hydrocarbonoclasticus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.74



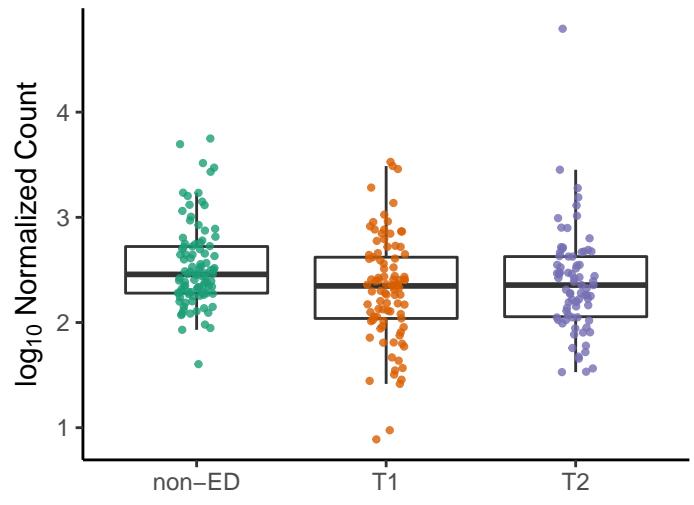
### Plantactinospora sp. KBS50

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.67



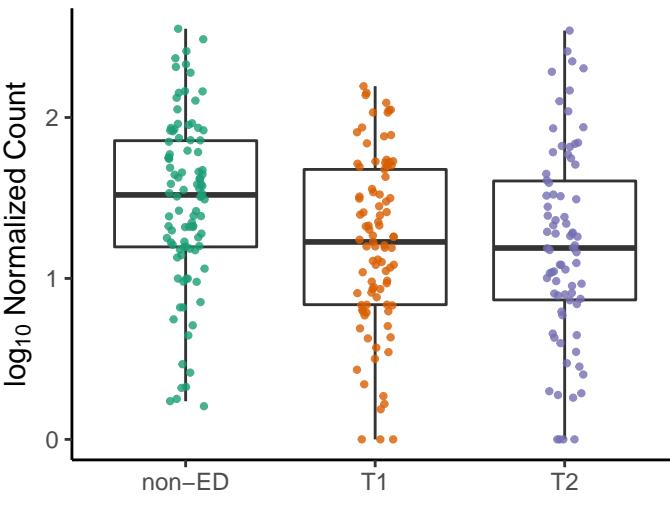
### Pseudopropionibacterium propionicum

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.67



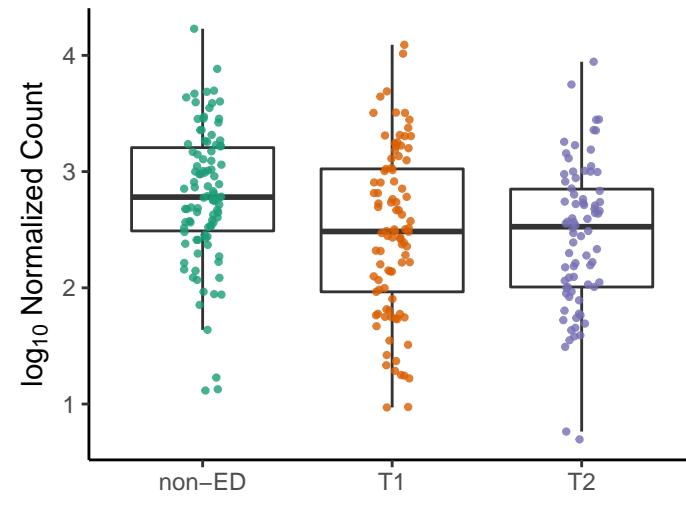
### Shewanella sp. ANA-3

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.98



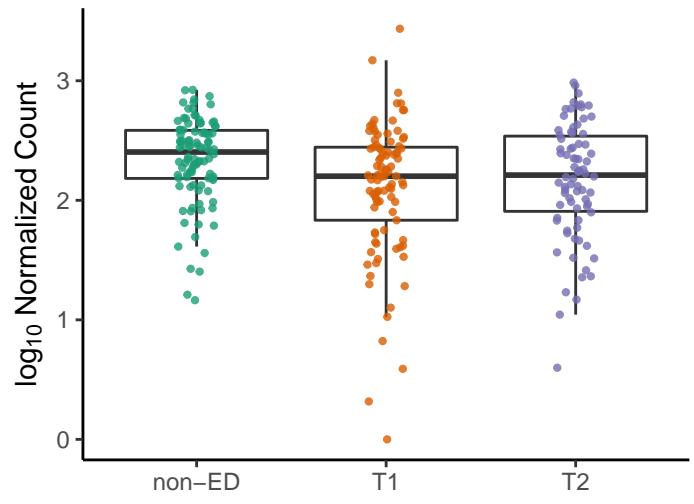
### Streptococcus viridans

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



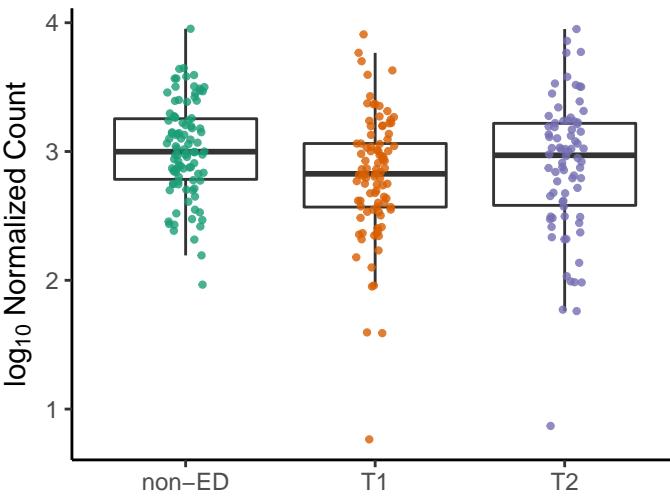
### Rubrivivax gelatinosus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.63



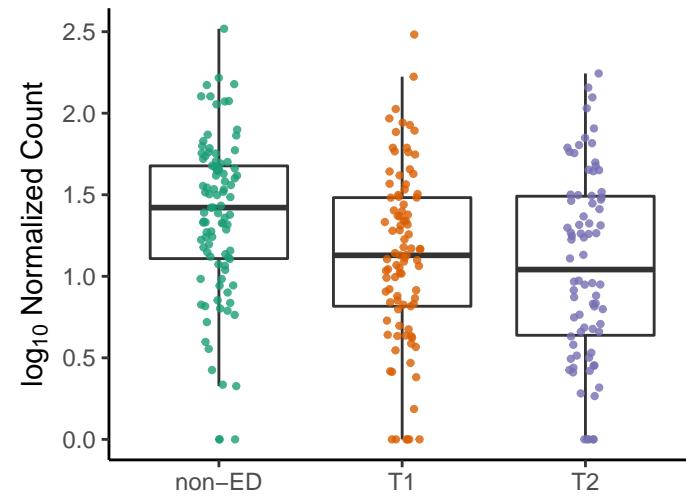
### Bifidobacterium scardovii

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.63



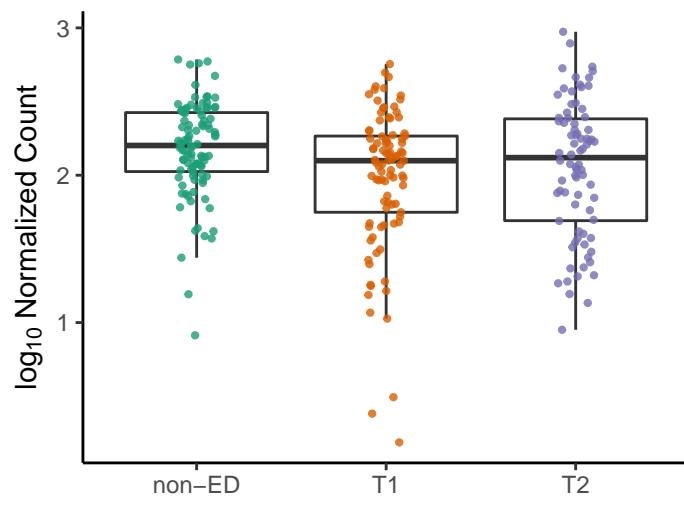
### Pseudomonas sp. SGAir0191

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



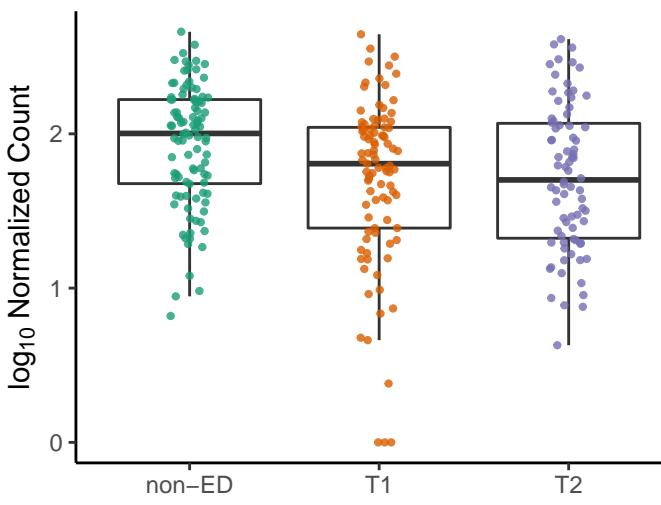
### *Hymenobacter nivis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.67



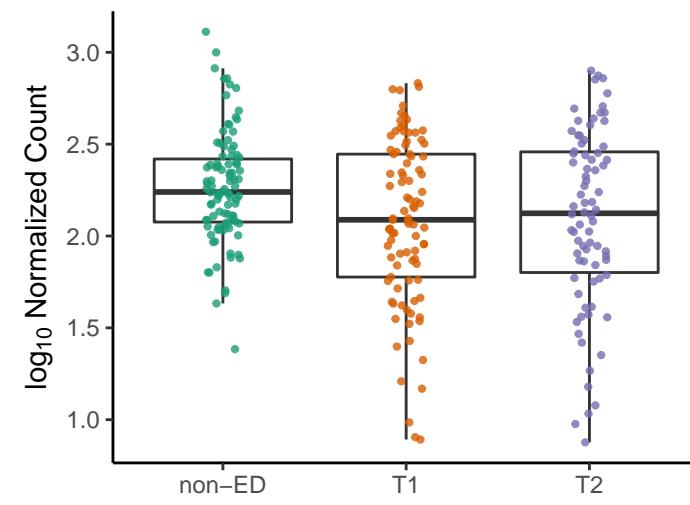
### *Mycobacterium parvum*

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



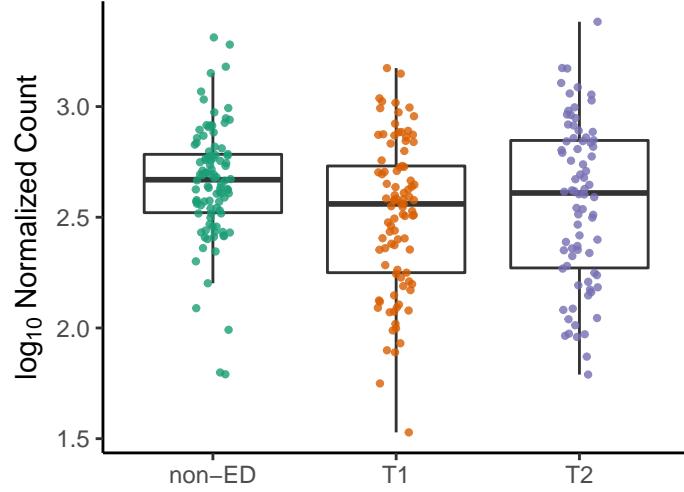
### *Nissabacter sp. SGAir0207*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.77



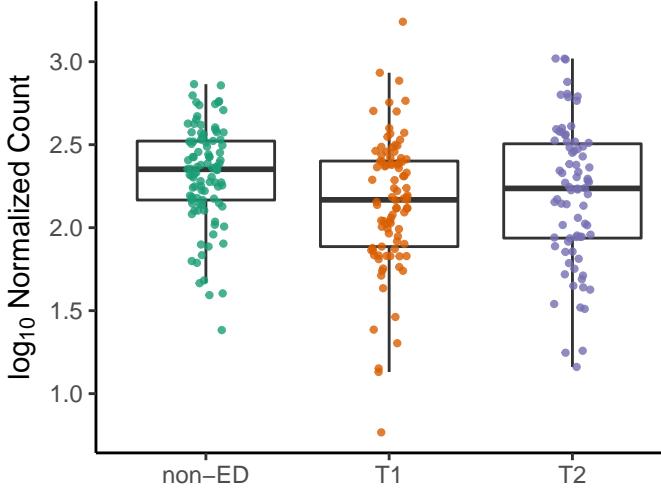
### *Saccharibacillus brassicae*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.67



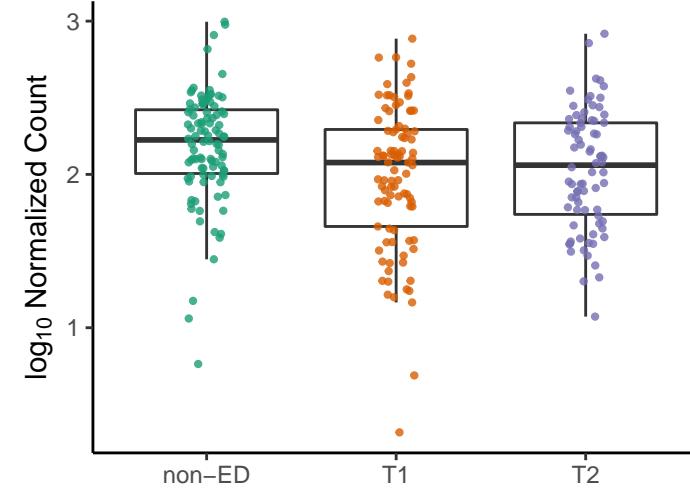
### *Selenomonas sp. oral taxon 136*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.68



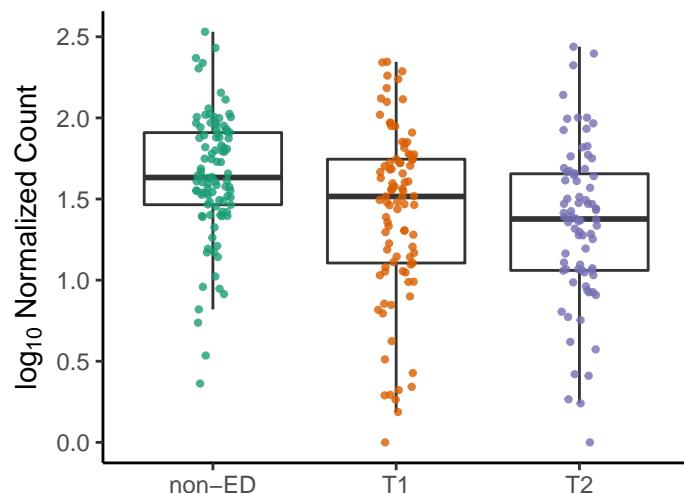
### *Tessaracoccus aquimaris*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.66



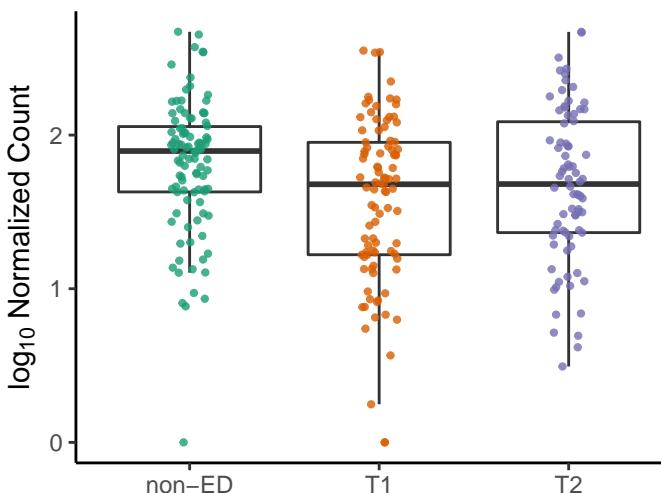
### *Vibrio cidicii*

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



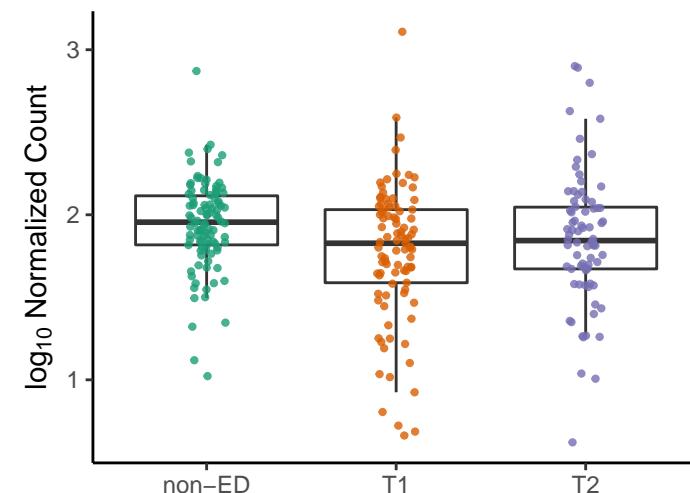
### *Hydrogenophaga sp. NH-16*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.61

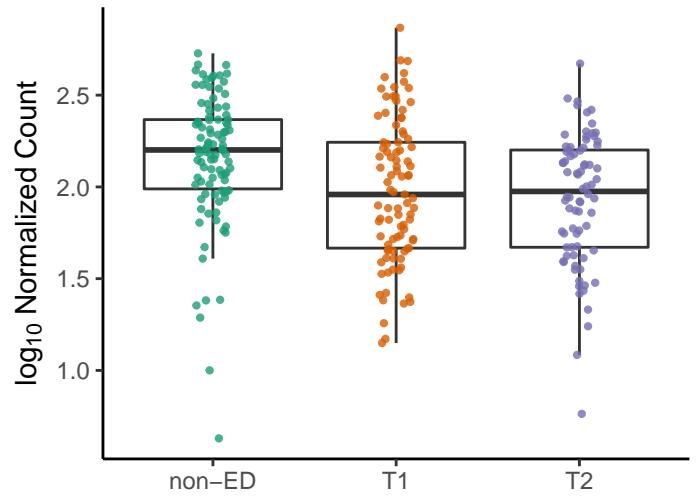


### *Halomonas huangheensis*

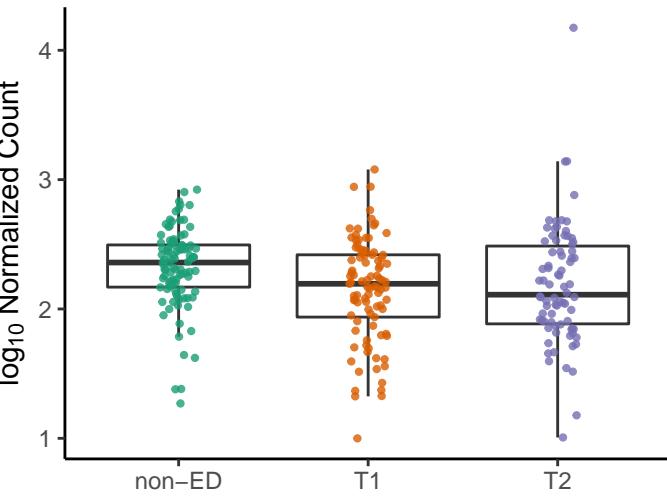
non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.67



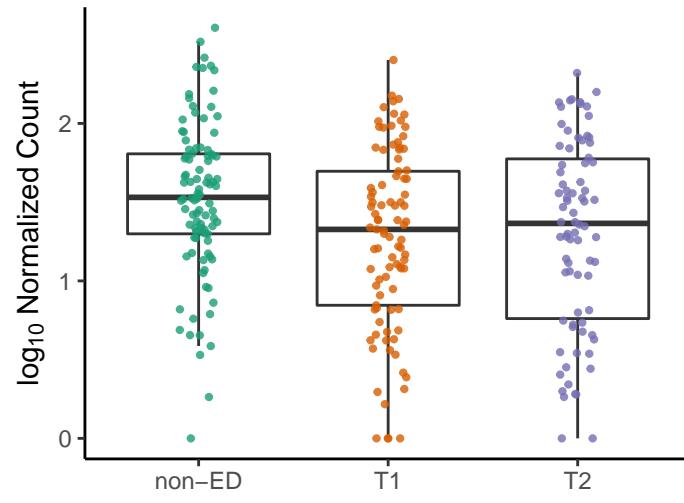
*Thermoanaerobacterium xylyticum*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.76



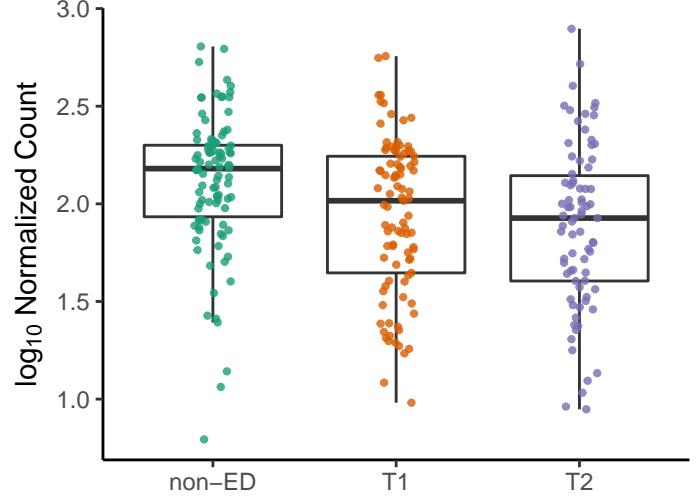
*Geobacter daltonii*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.7



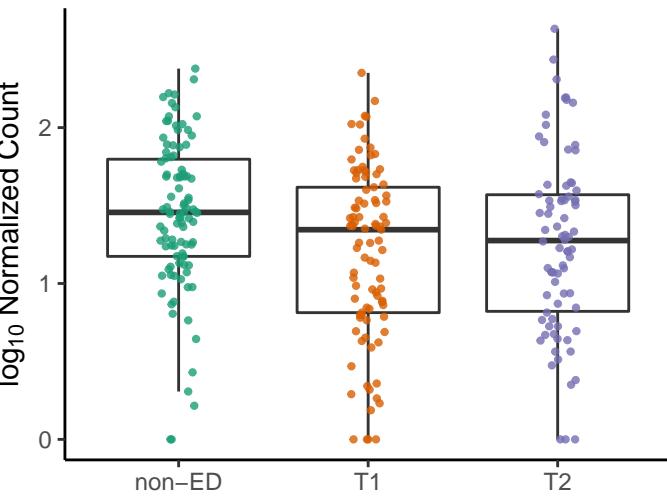
Unclassified Promicromonosporaceae Fa  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.77



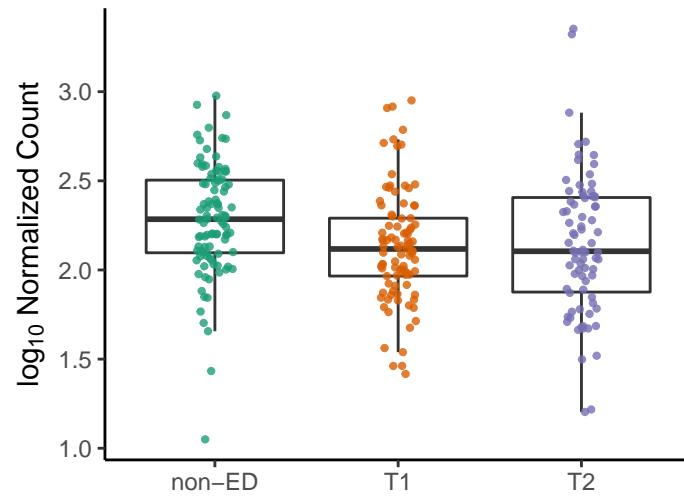
*Moraxella osloensis*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.72



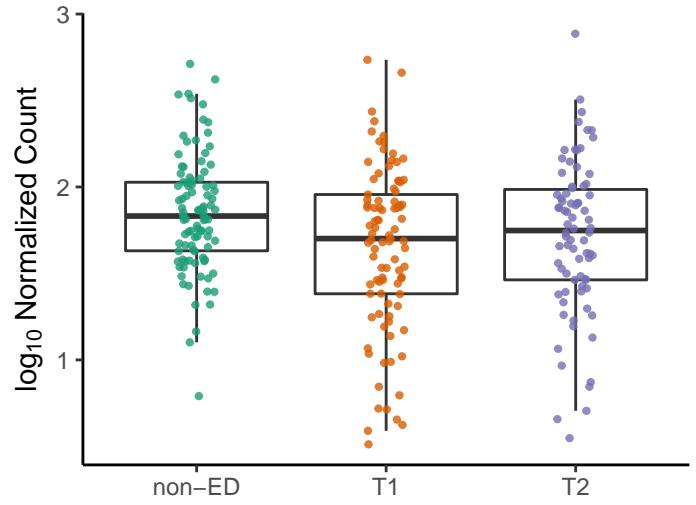
Unclassified Halorubrum Genus  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.73



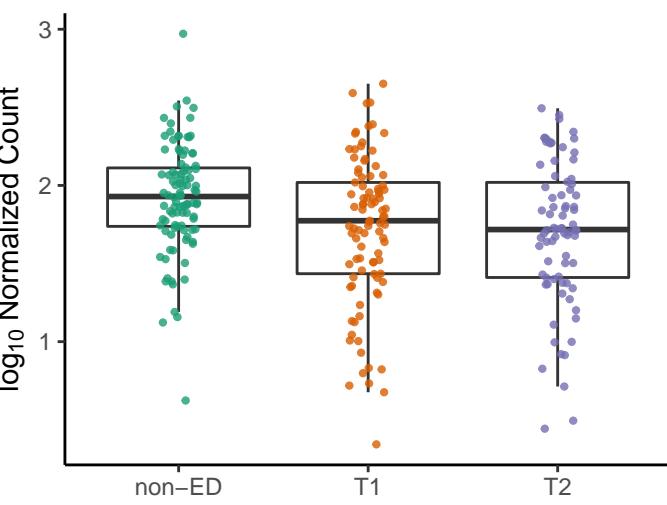
*Bacillus clausii*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.87



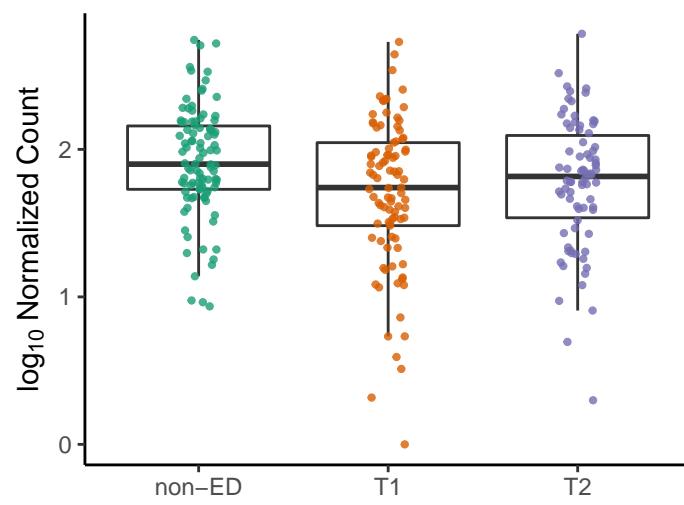
*Mycobacteroides salmoniphilum*  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.67



*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

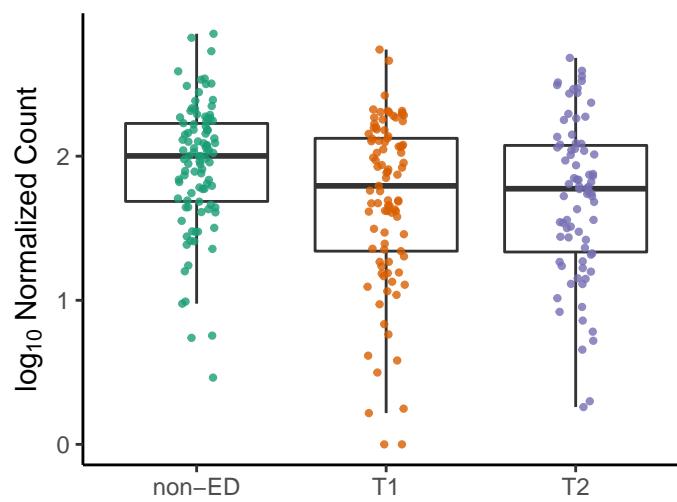


*Rhodococcus* sp. WAY2  
non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.57



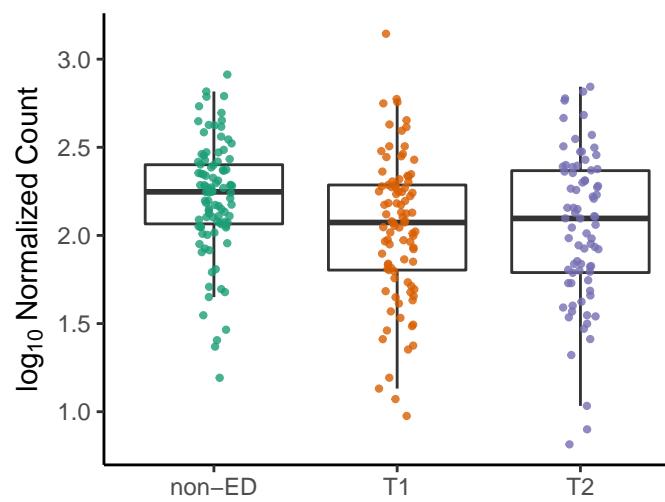
### Unclassified Frankia Genus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.82



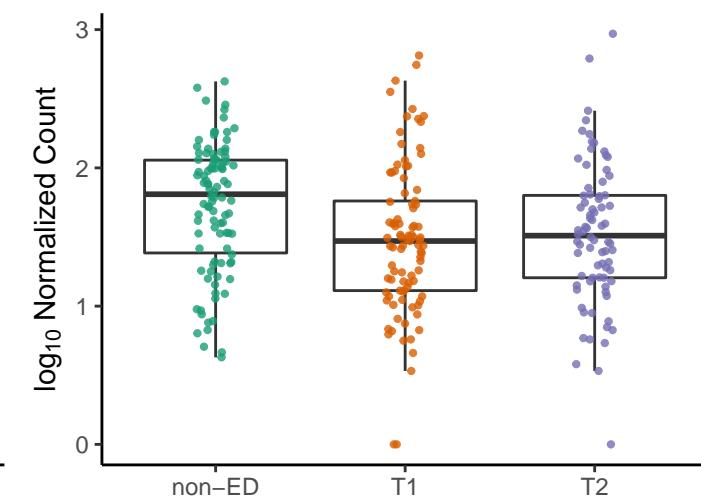
### Gluconobacter oxydans

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.84



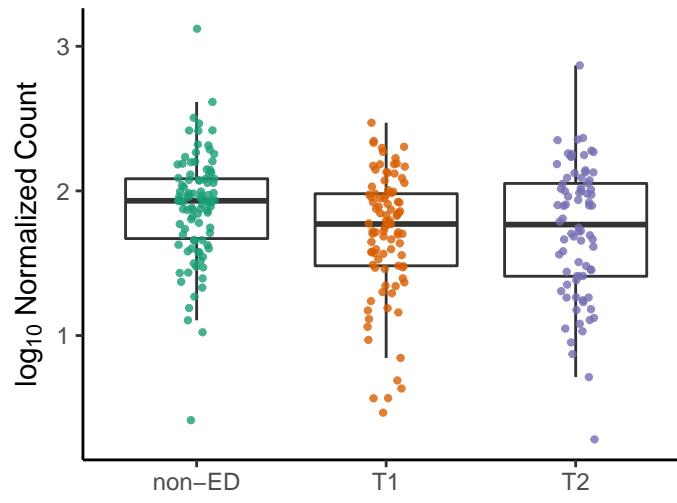
### Kazachstania naganishii

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



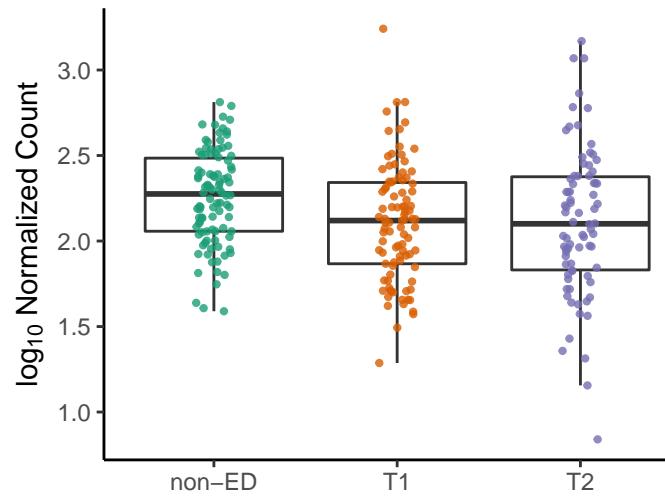
### Pseudomonas antarctica

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.79



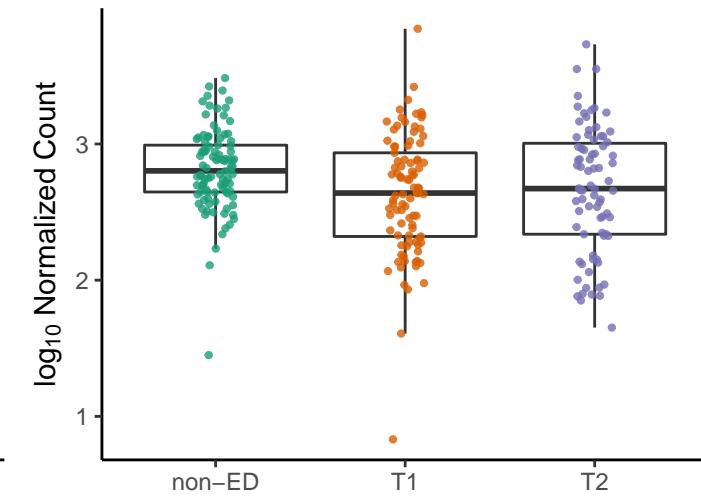
### Salinicoccus halodurans

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.92



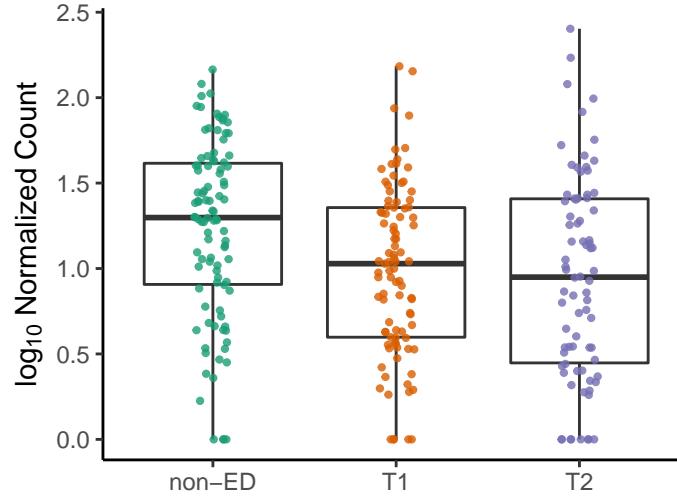
### Unclassified Microbacteriaceae Family

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.74



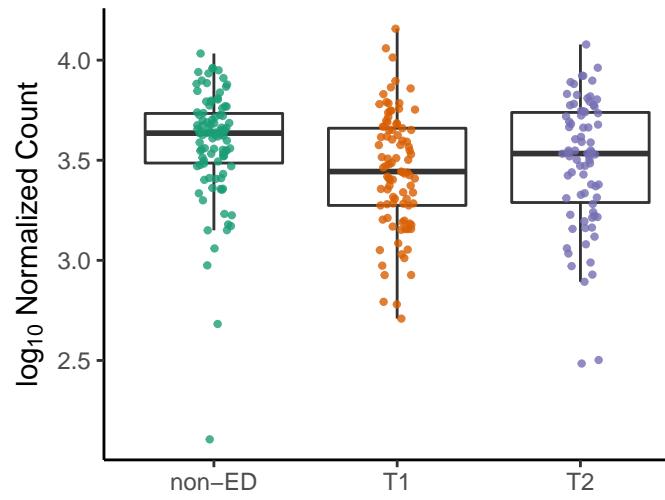
### Polaribacter sp. BM10

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



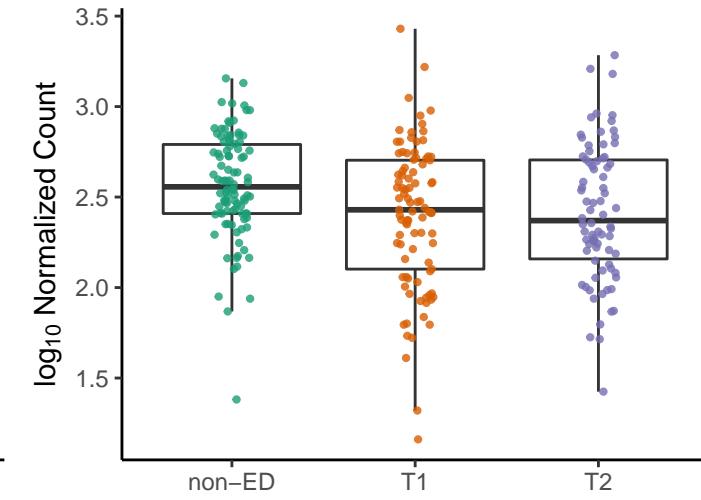
### Pseudobutyribrio xylanivorans

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.78



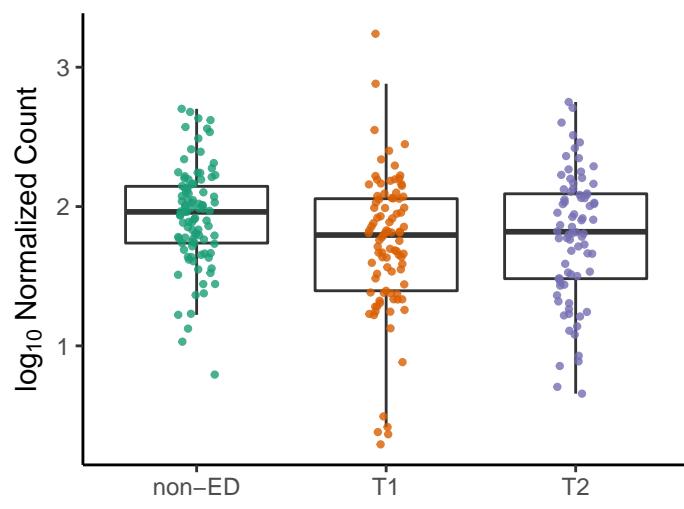
### Colletotrichum higginsianum

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.78



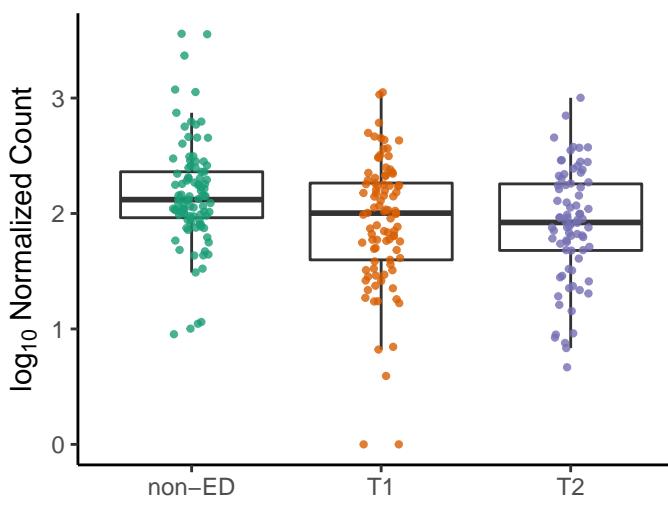
### Rhodococcus sp. ABRD24

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.63



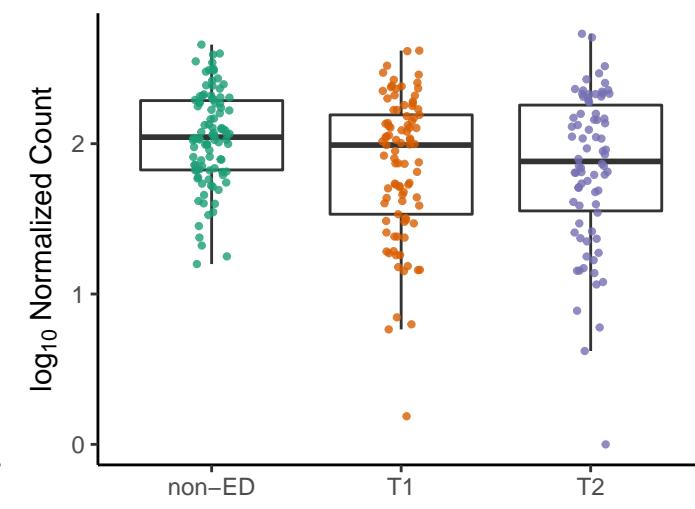
### Amycolatopsis sp. BJA-103

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



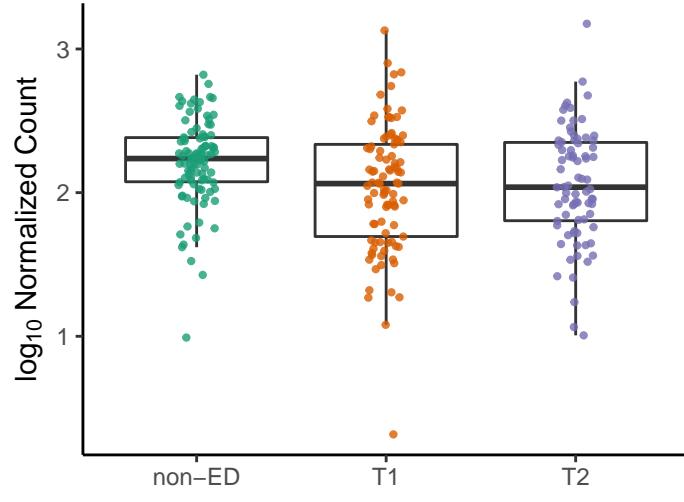
### Phreatobacter sp. NMCR1094

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.97



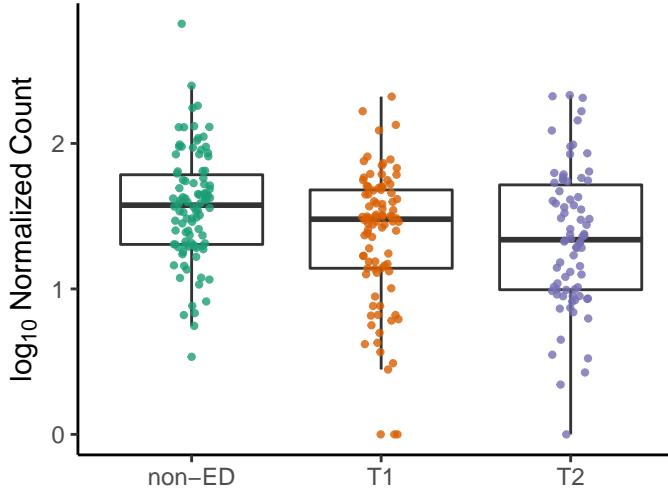
### Ktedonosporobacter rubrisoli

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.76



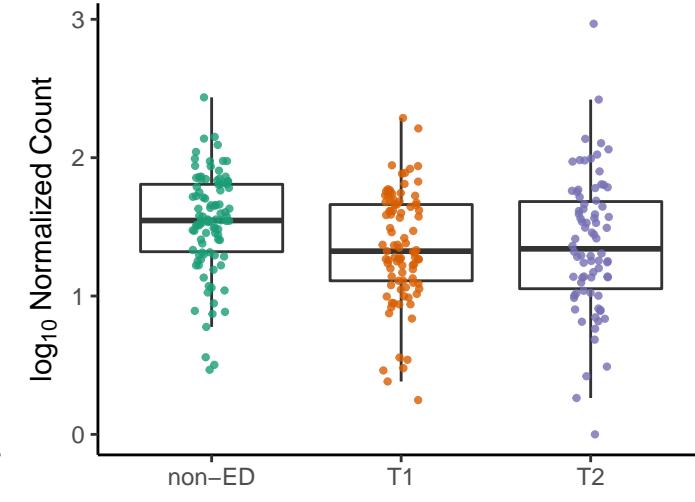
### Methylomonas clara

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



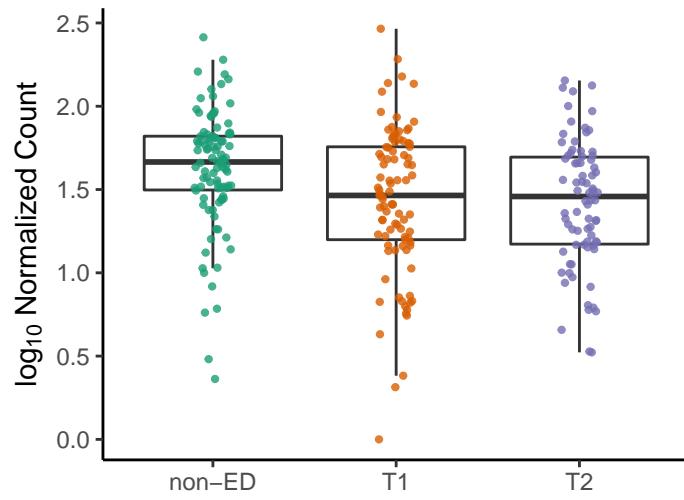
### Pasteurella dagmatis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.91



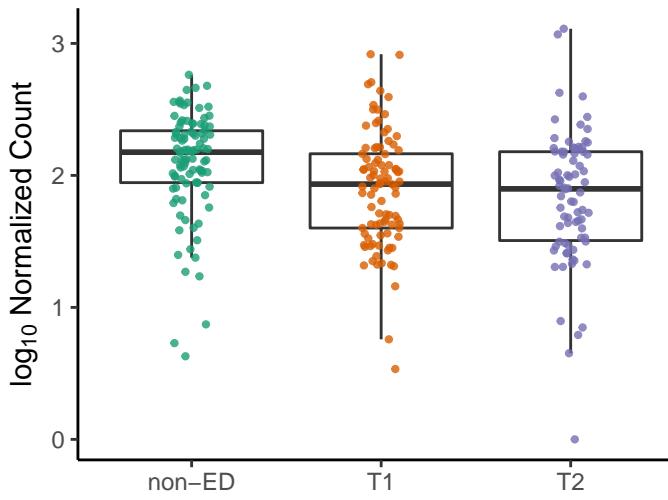
### Acinetobacter baylyi

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



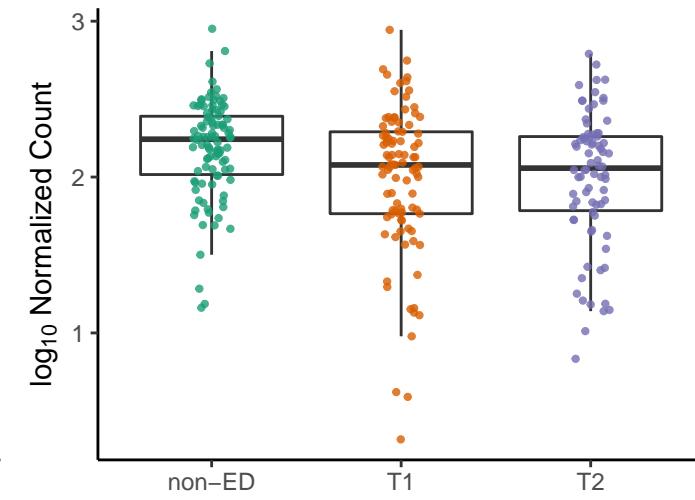
### Brachyspira hyodysenteriae

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



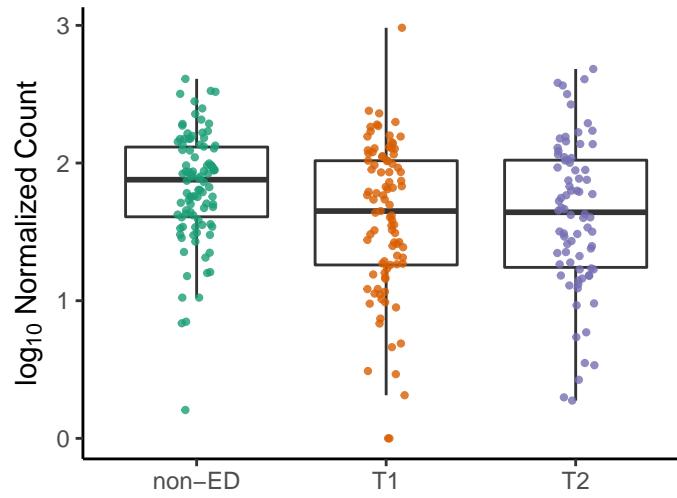
### Unclassified Fusarium Genus

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



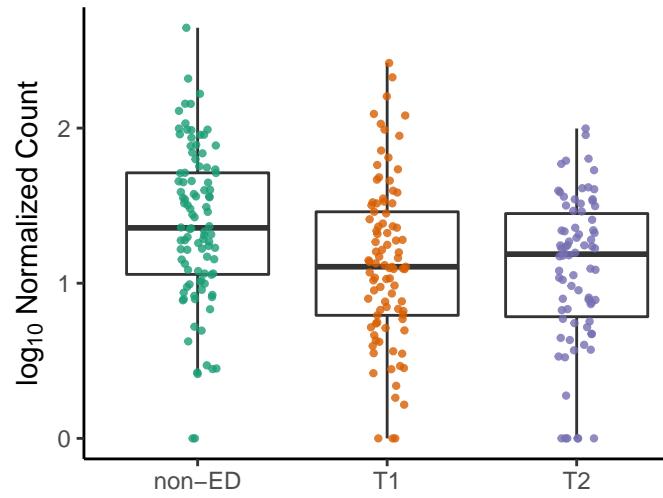
### *Altererythrobacter mangrovi*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.74



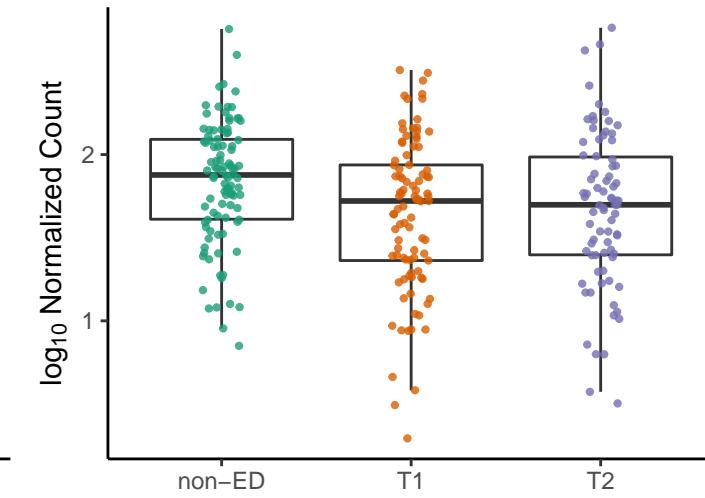
### *Pseudoalteromonas carageenovora*

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



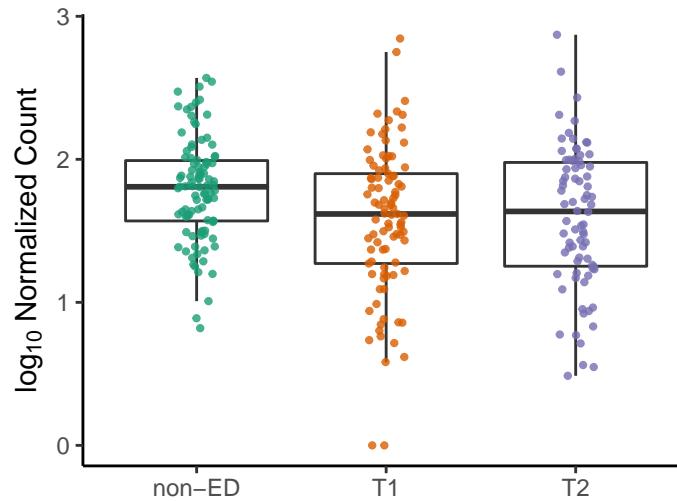
### *Gordonia insulae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.75



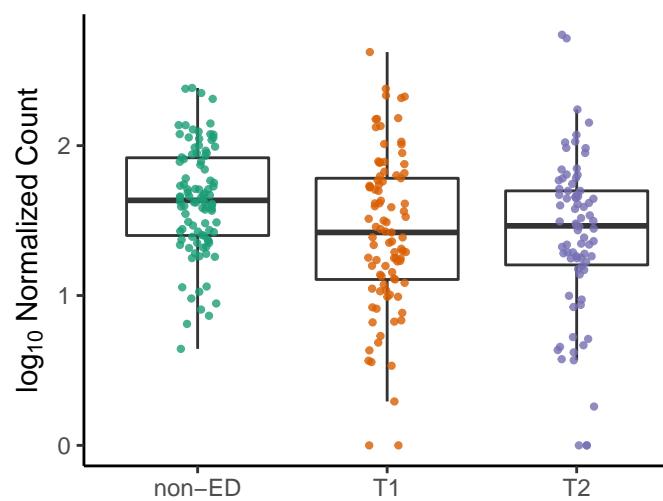
### *Leucobacter sp. HDW9C*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.8



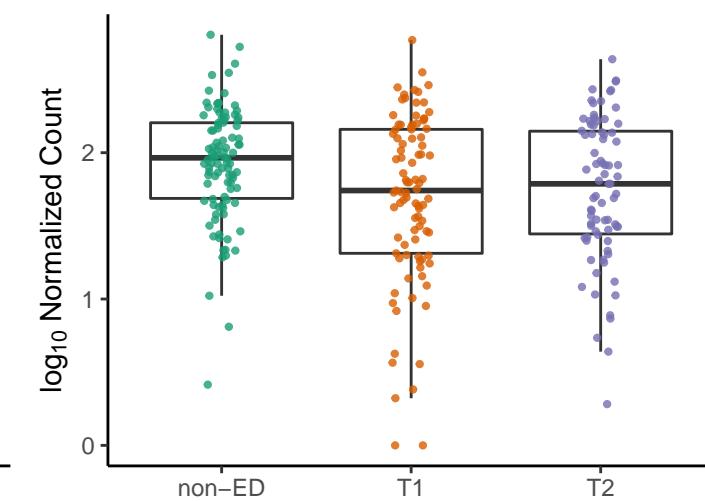
### *Halomonas sp. GFAJ-1*

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



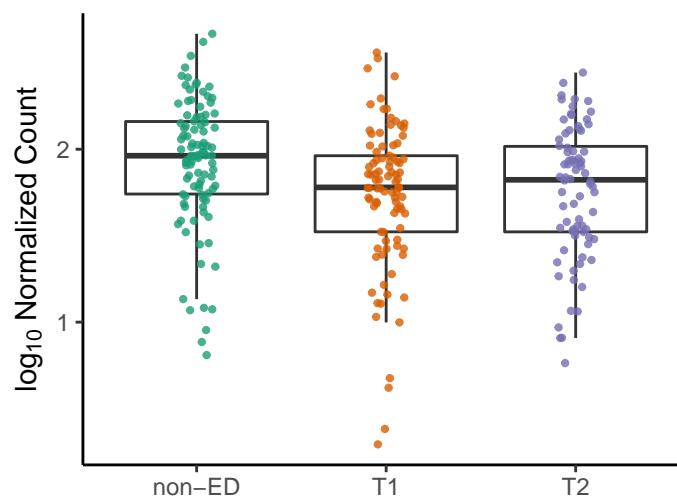
### *Limnohabitans sp. 63ED37-2*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.66



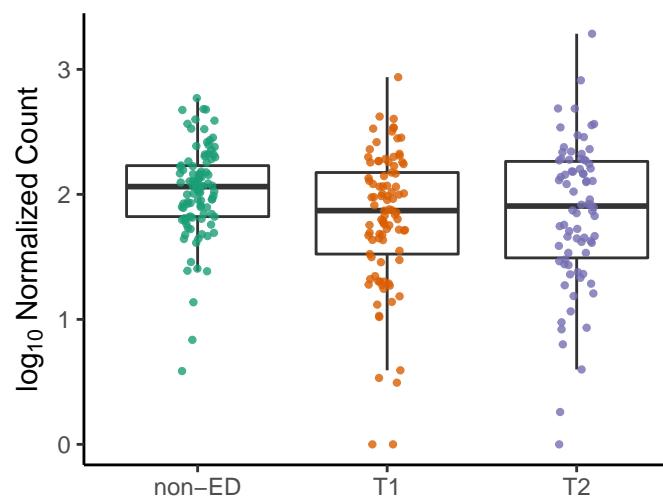
### *Methylomonas methanica*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.79



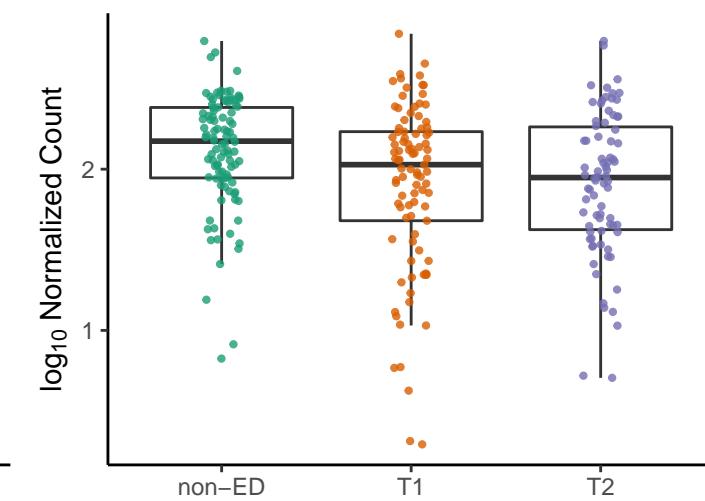
### *Microbacterium sediminis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.79



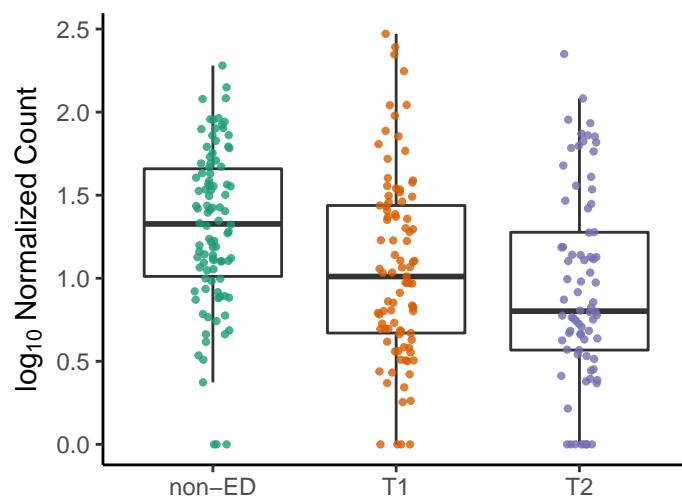
### *Nocardia arthritidis*

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



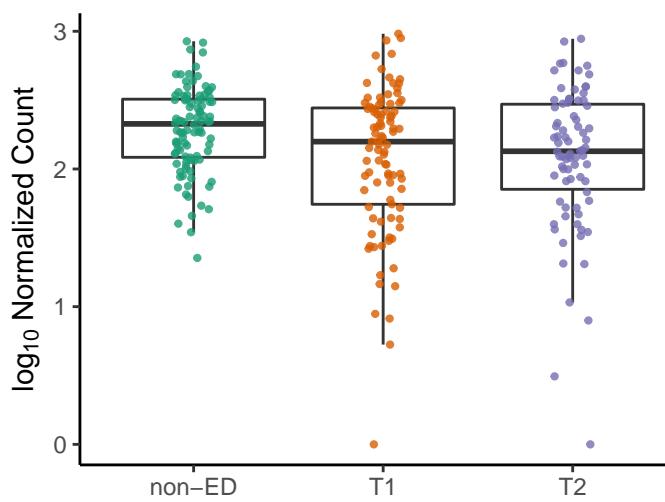
### *Spiroplasma* sp. BIUS-1

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



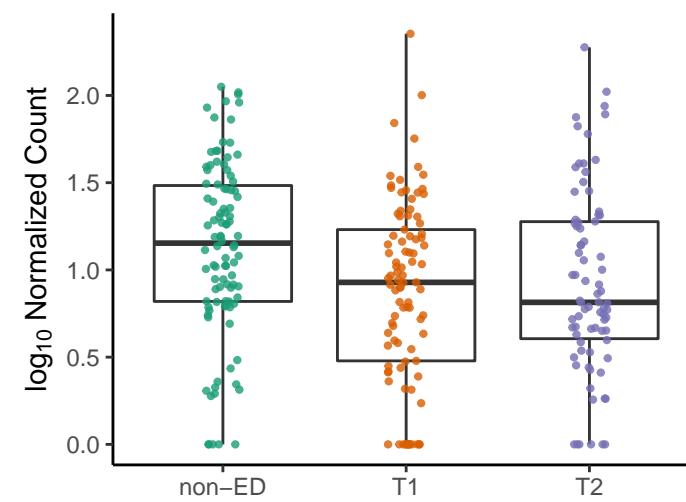
### *Opitutus* sp. GAS368

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.86



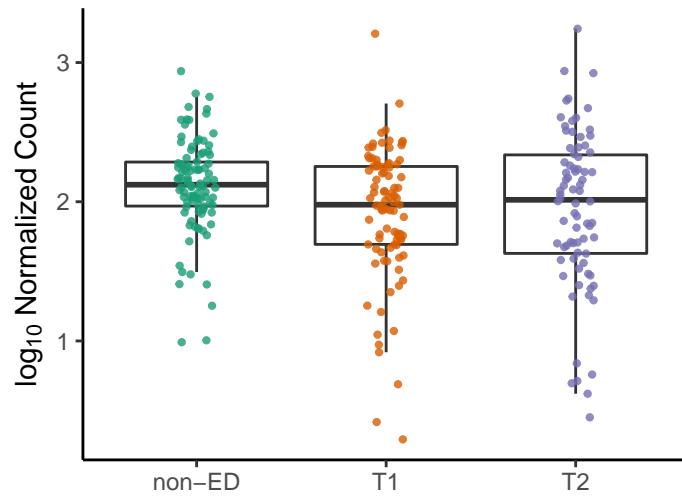
### *Microbacterium* paraoxydans

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



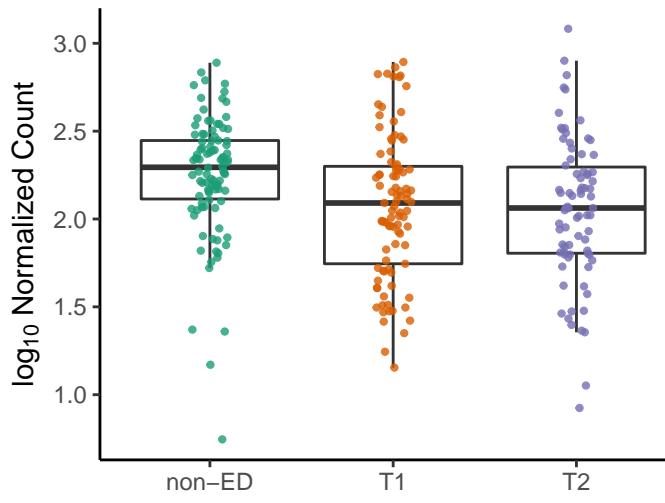
### *Burkholderia* insecticola

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.75



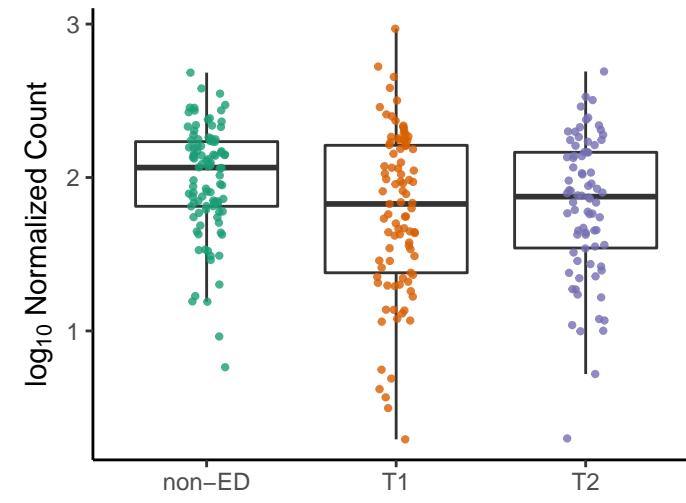
### *Leptotrichia* sp. oral taxon 212

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



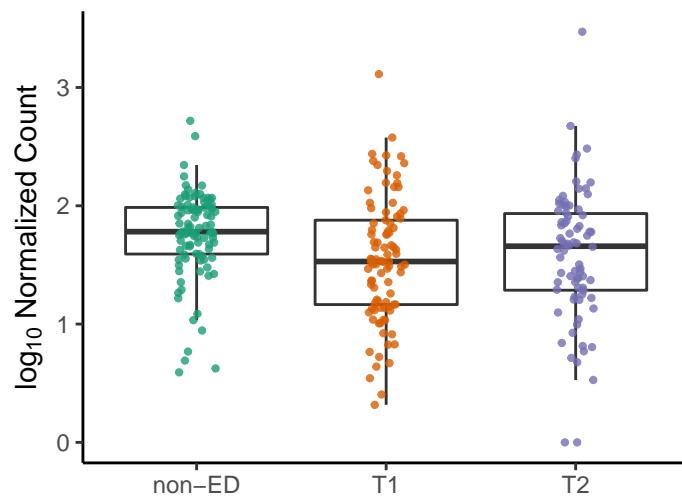
### *Microbacterium* aurum

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.74



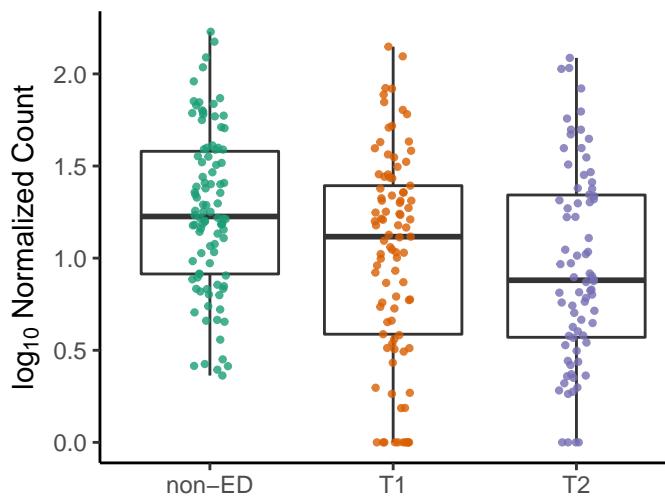
### *Moraxella* bovis

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



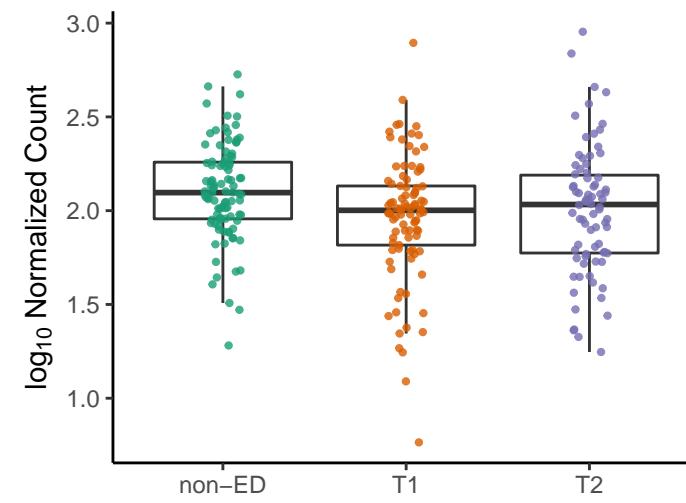
### *Natronobacterium* gregoryi

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



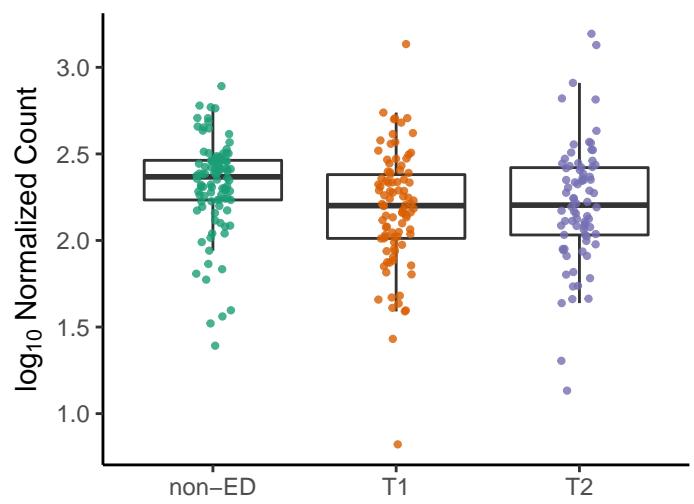
### *Thermaanaeromonas* toyohensis

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.087  
 T1 vs. T2 adjusted p = 0.68



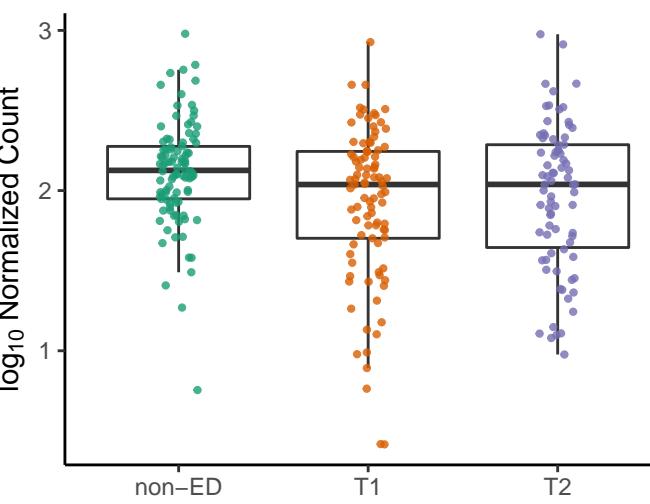
### *Bacillus jeotgali*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.77



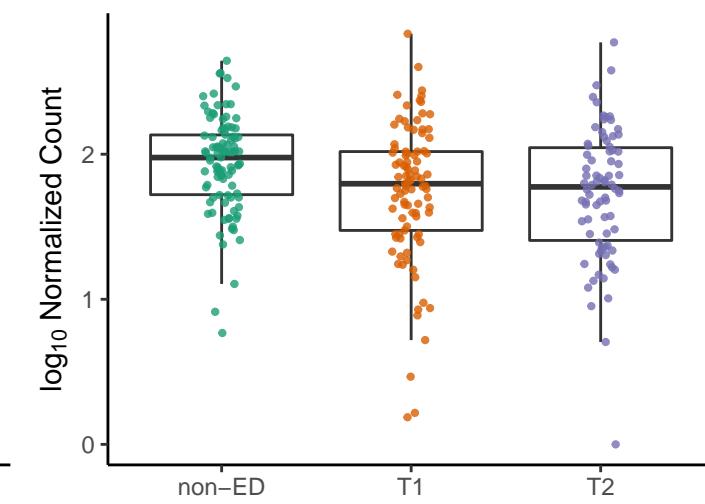
### *Brevirhabdus pacifica*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.69



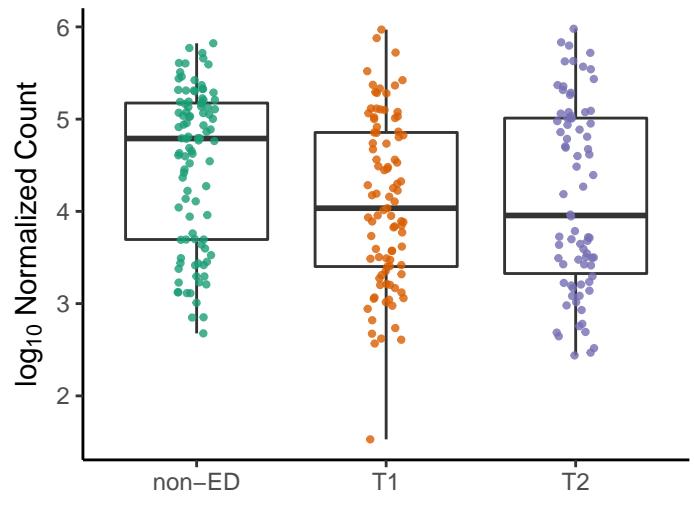
### *Paraburkholderia phytofirmans*

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



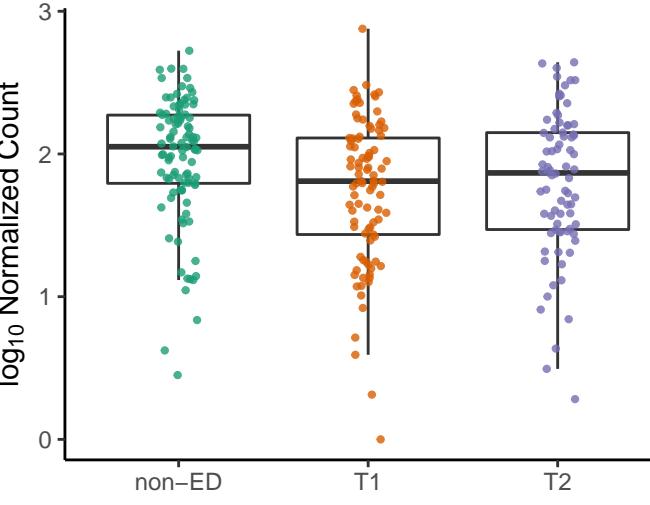
### Unclassified *Bifidobacterium* Genus

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.73



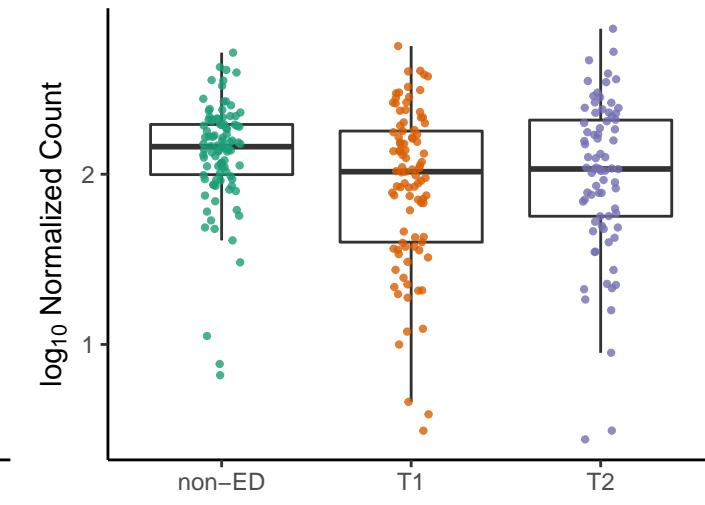
### *Sphingosinicella microcystinivorans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.63



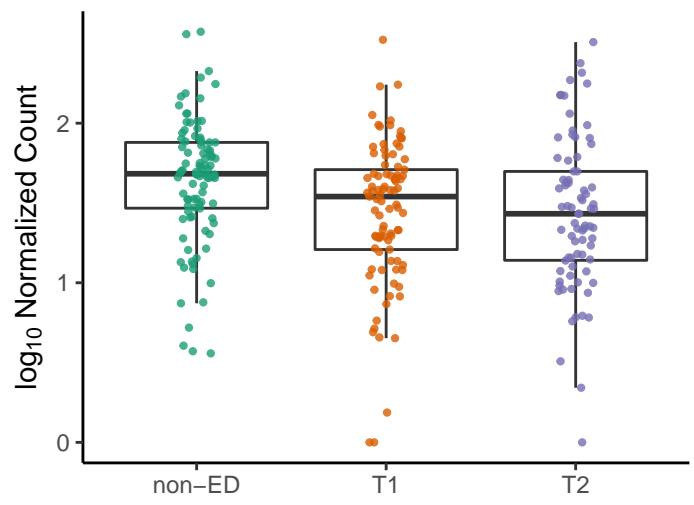
### *Verminephrobacter eiseniae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.66



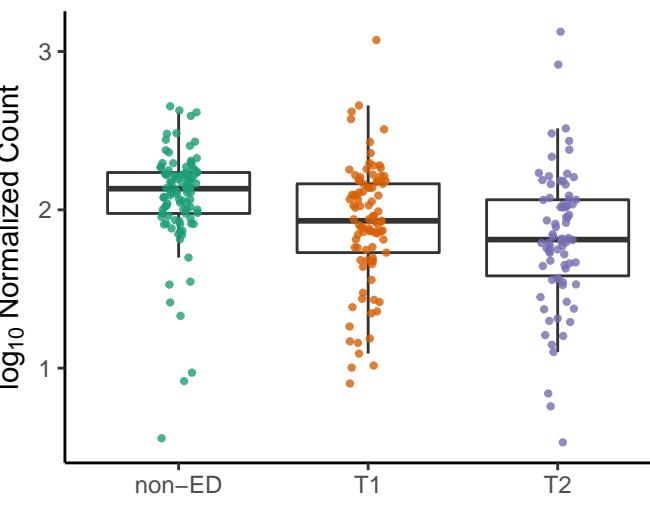
### *Acinetobacter soli*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.98



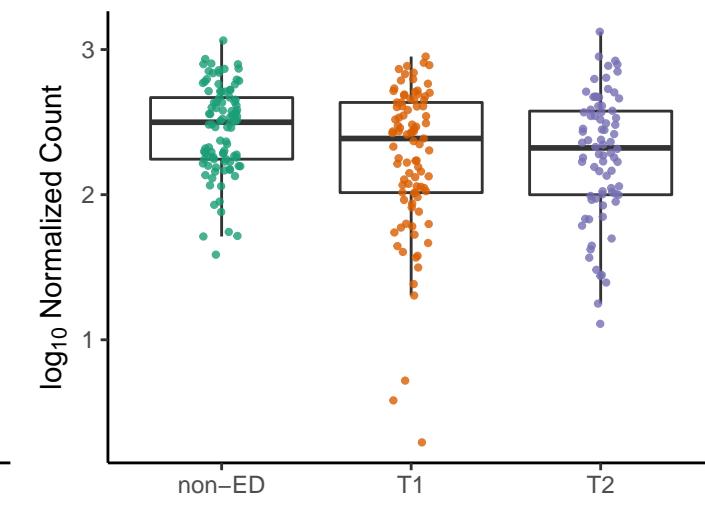
### *Bacillus* sp. N1-1

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



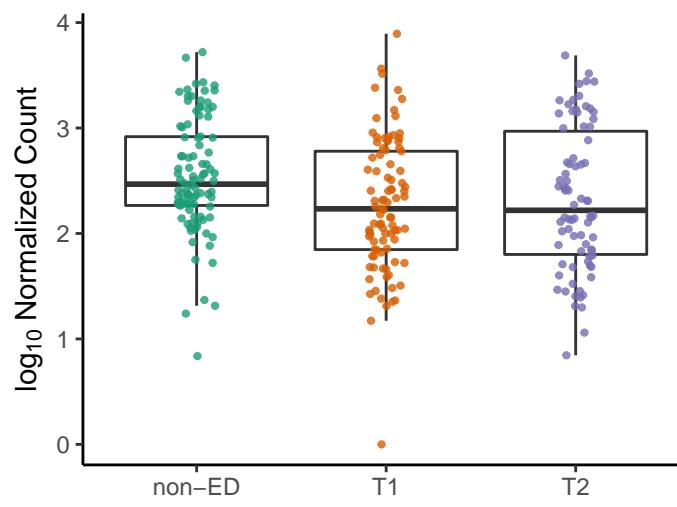
### *Cupriavidus pauculus*

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



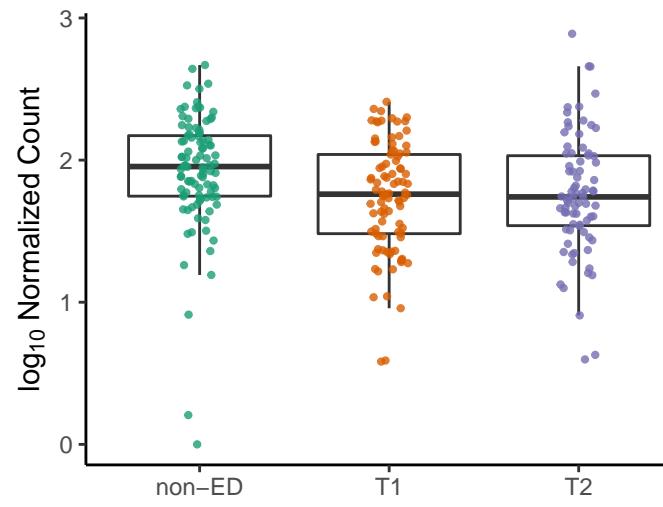
### Dialister pneumosintes

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.91



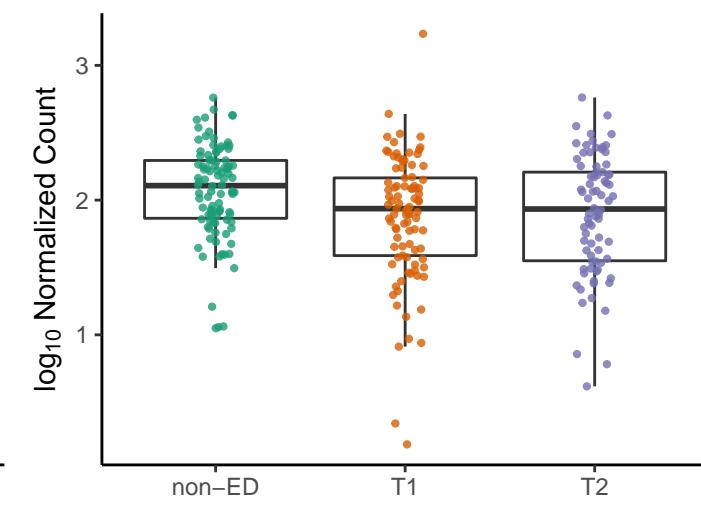
### Geminocystis herdmanii

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.94



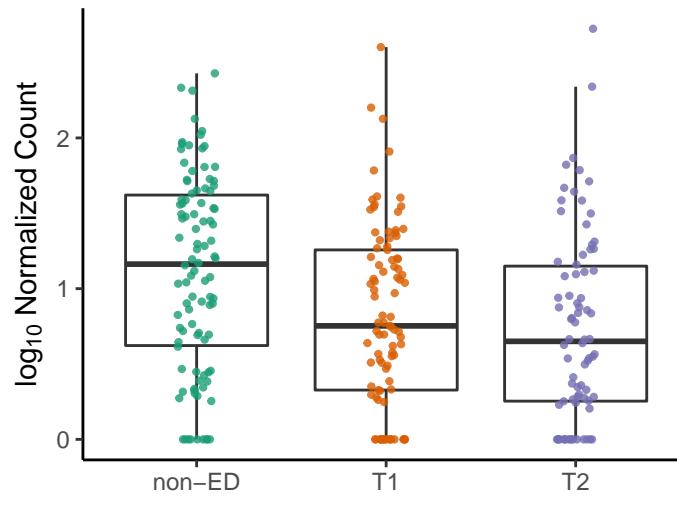
### Pseudomonas sp. S-6-2

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.77



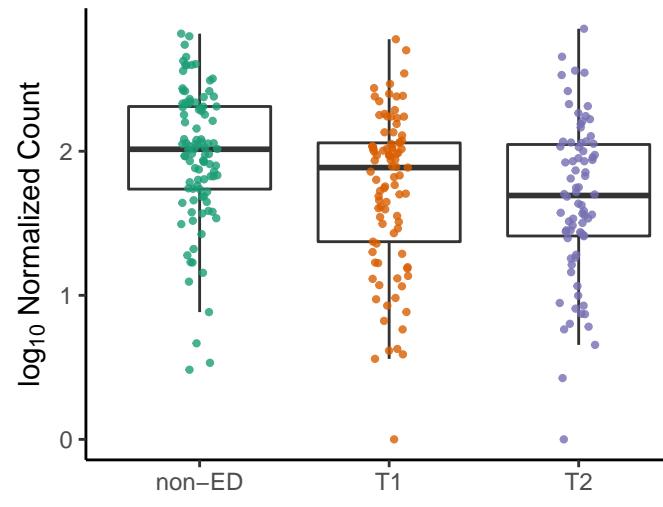
### Stenotrophomonas sp. ASS1

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



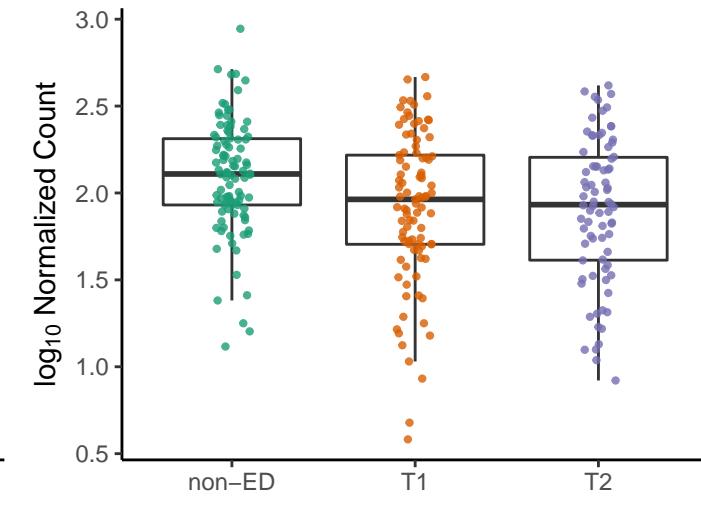
### Lysobacter lycopersici

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



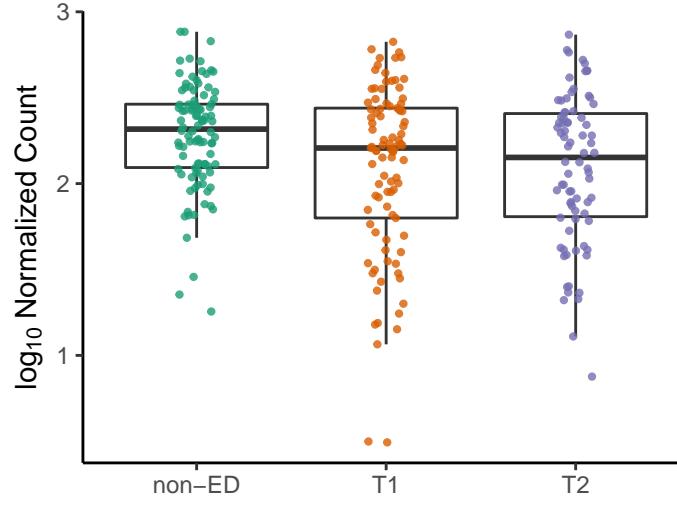
### Microbulbifer hydrolyticus

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



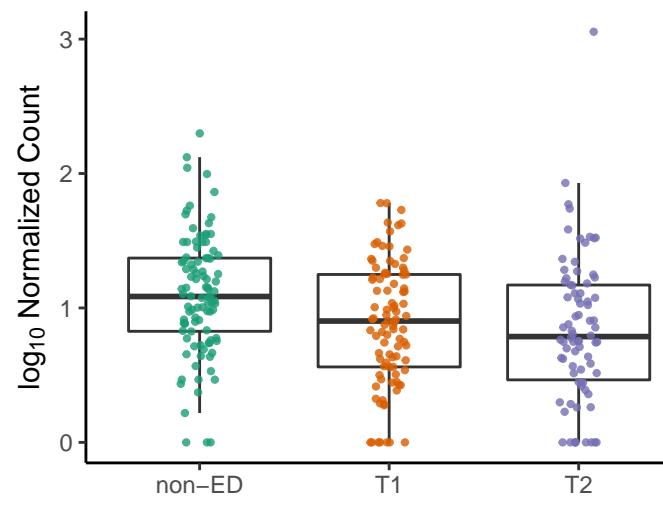
### Unclassified Komagataeibacter Genus

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



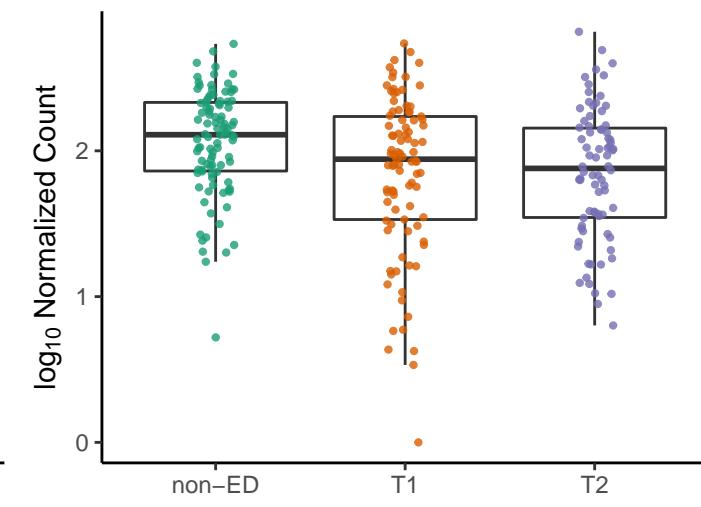
### Wolbachia endosymbiont of Folsomia ca

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



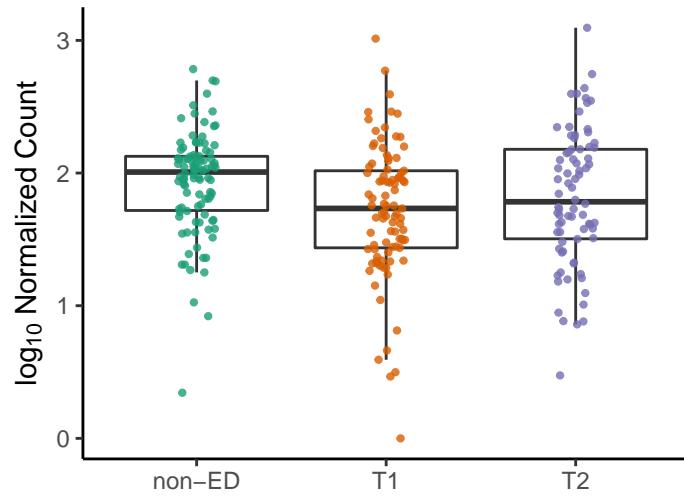
### Epibacterium mobile

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



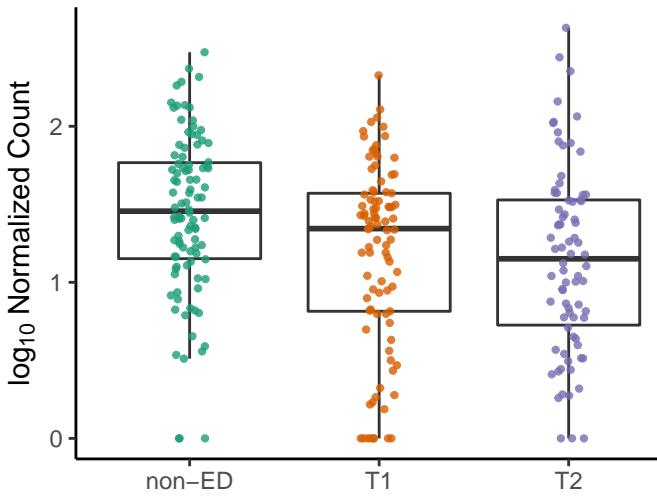
### Paraburkholderia graminis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.7



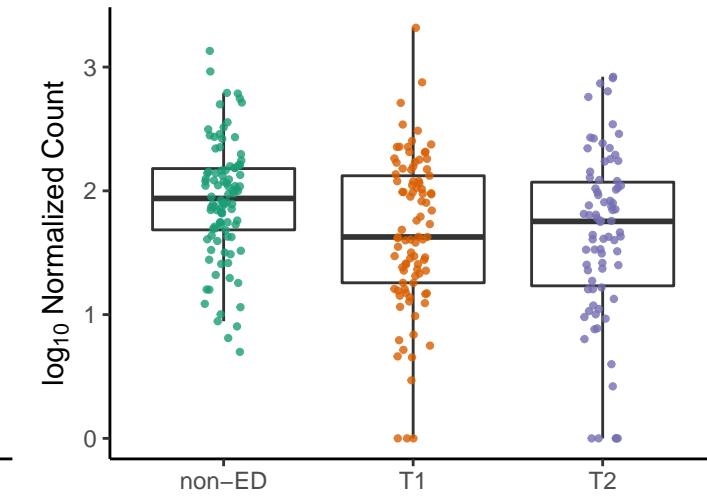
### Roseovarius mucosus

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



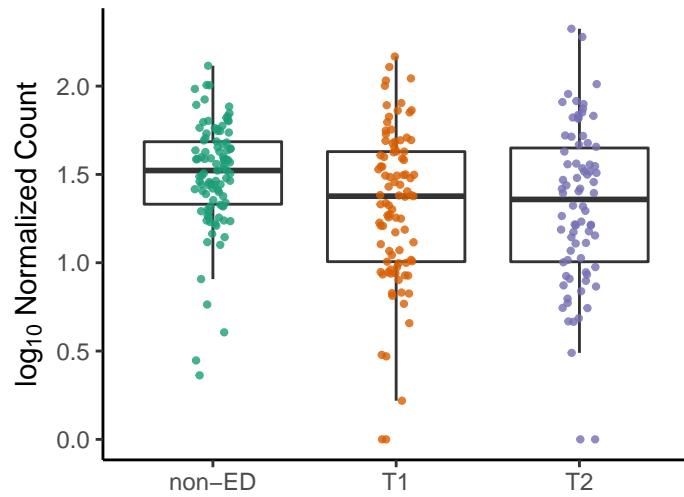
### Streptomyces sp. ADI95-16

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.98



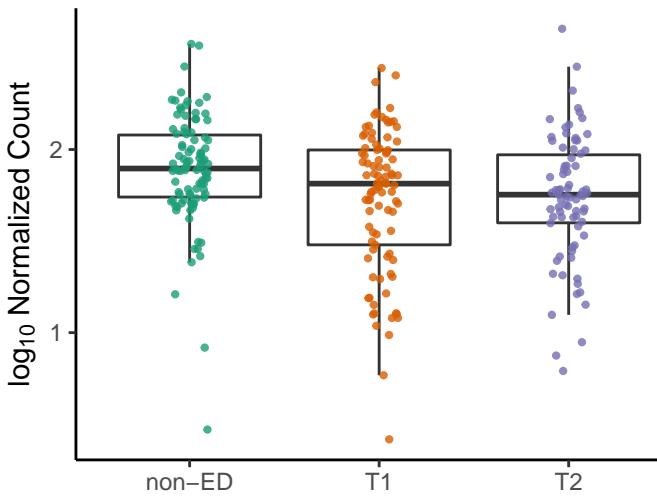
### Unclassified Moraxellaceae Family

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.97



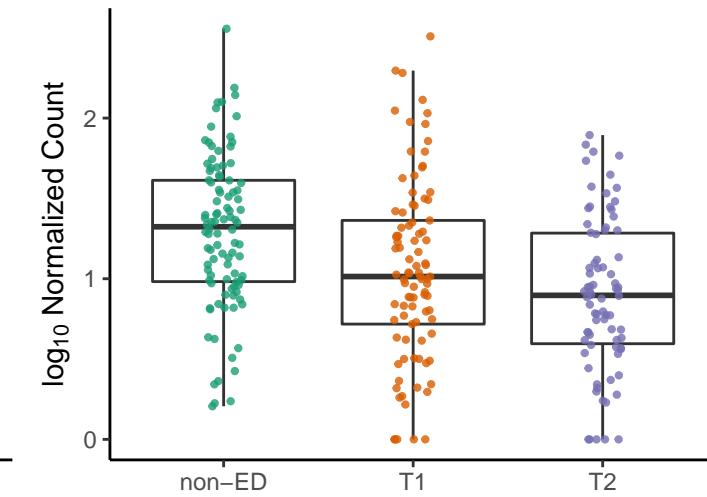
### Iodobacter sp. H11R3

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



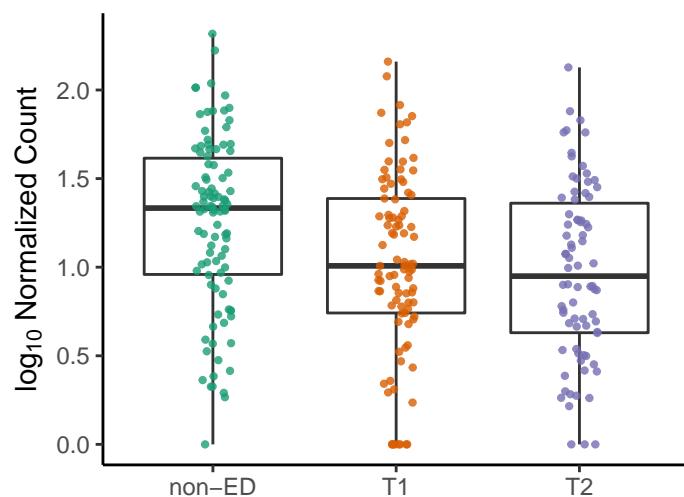
### Spiroplasma apis

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



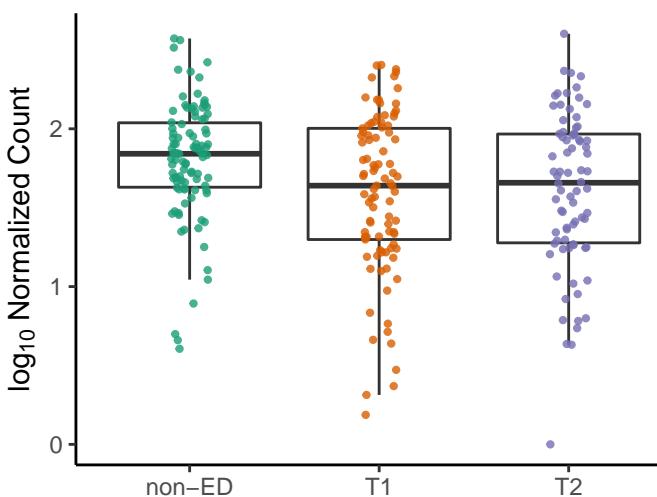
### Dermabacter hominis

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



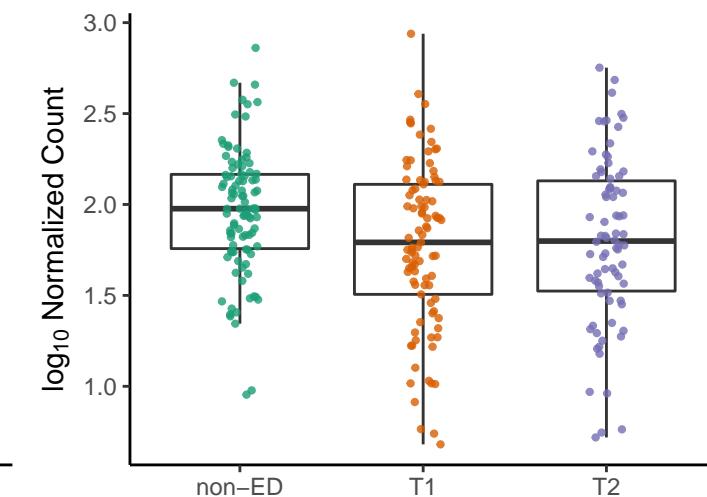
### Methanothrix soehngenii

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.78



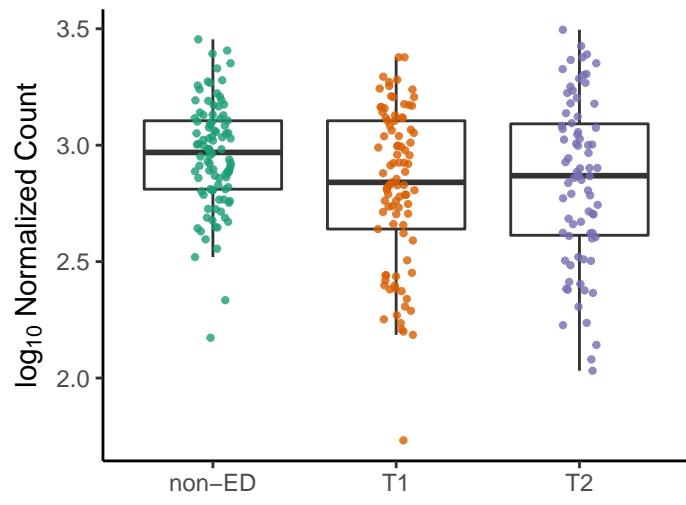
### Nitrosospira lacus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.76



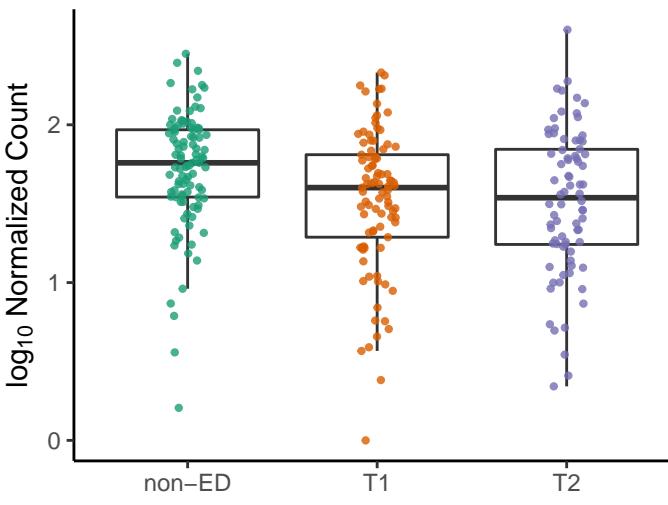
### *Rhizobium leguminosarum*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.76



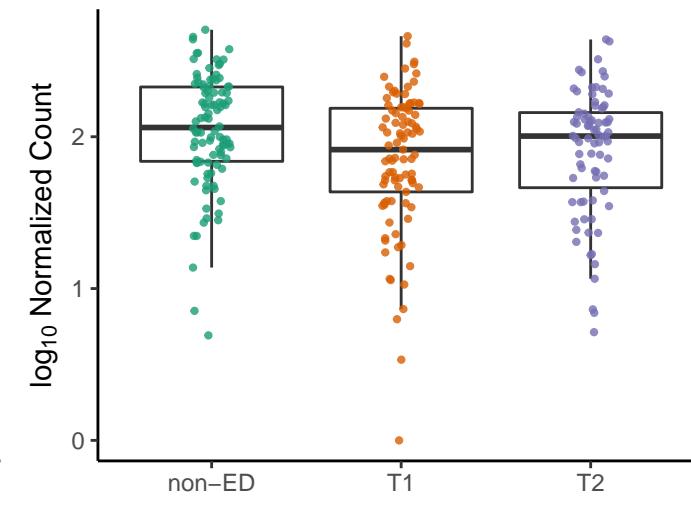
### *Aequorivita* sp. H23M31

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



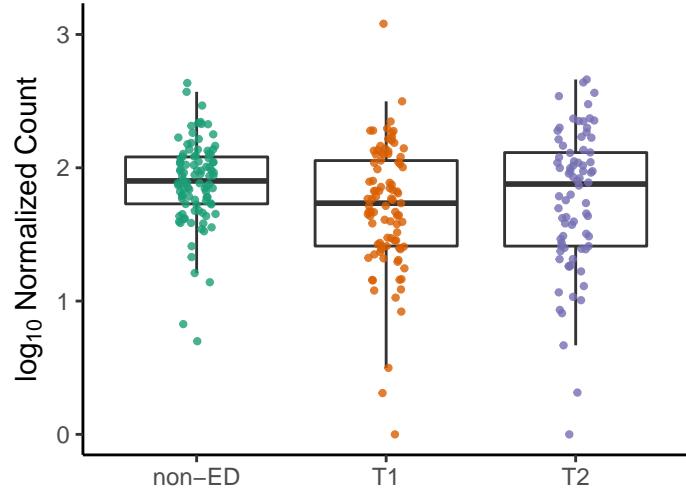
### *Arachidicoccus* sp. BS20

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.74



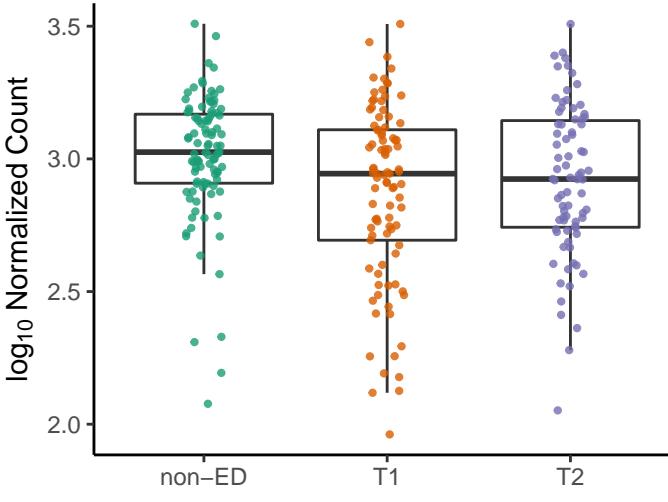
### *Corynebacterium genitalium*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.68



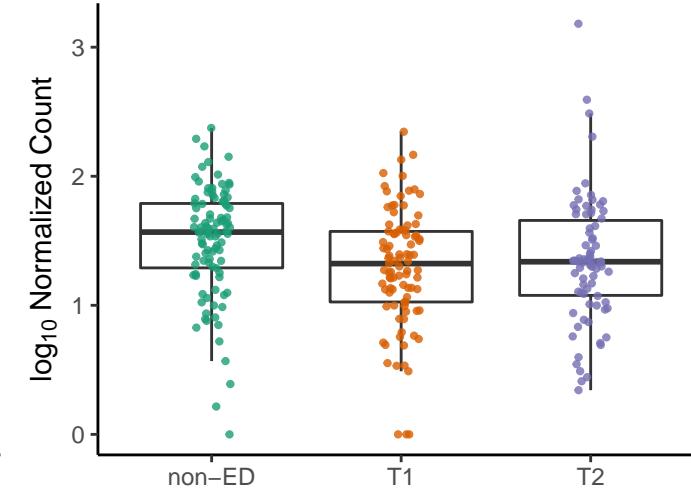
### *Selenomonas ruminantium*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.7



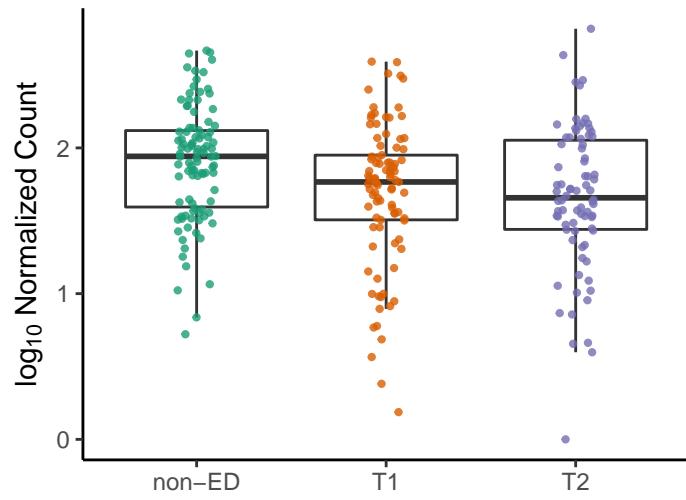
### *Helicobacter cinaedi*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.79



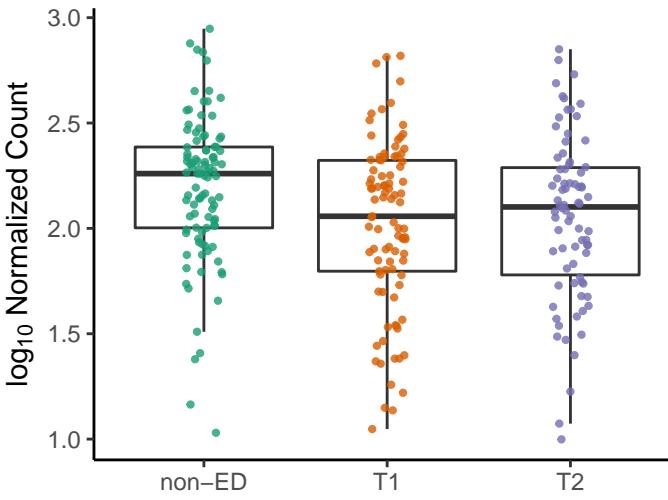
### *Mixta calida*

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



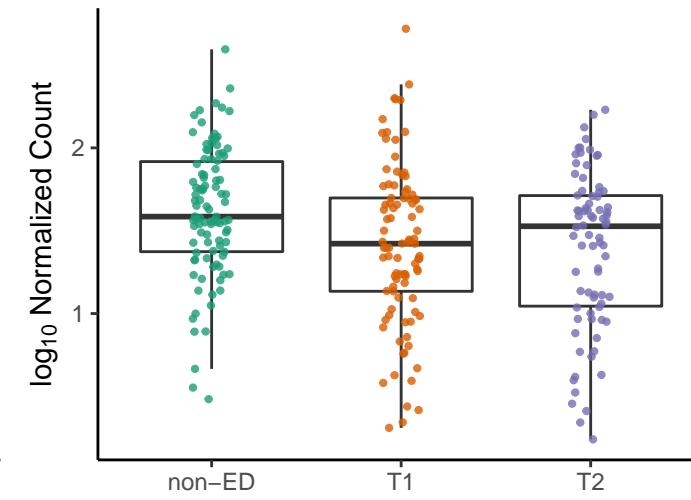
### *Herbaspirillum seropedicae*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.78



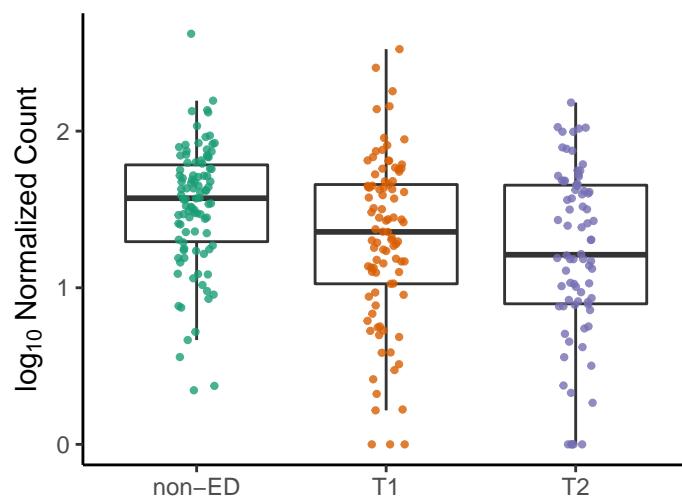
### *Mycoplasma mycoides*

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



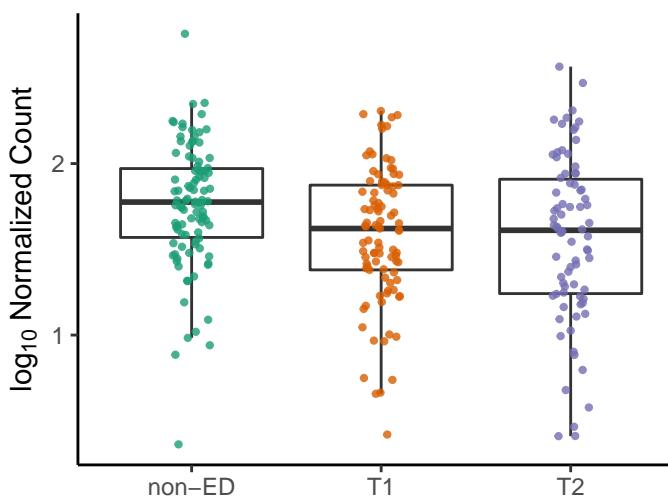
### Unclassified Pontibacter Genus

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



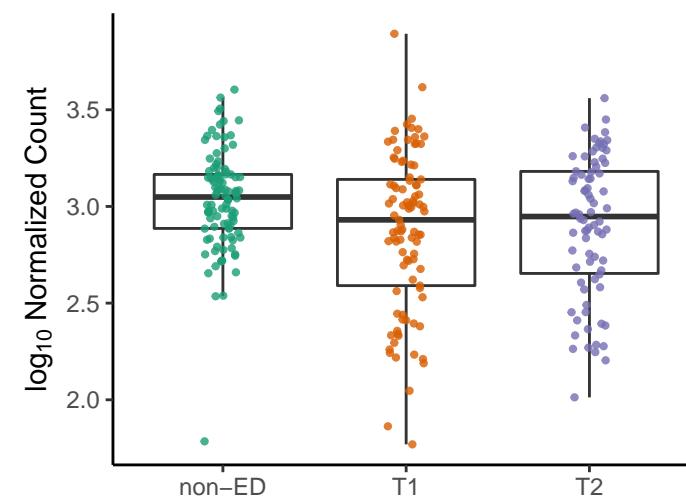
### *Lactobacillus terrae*

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.89



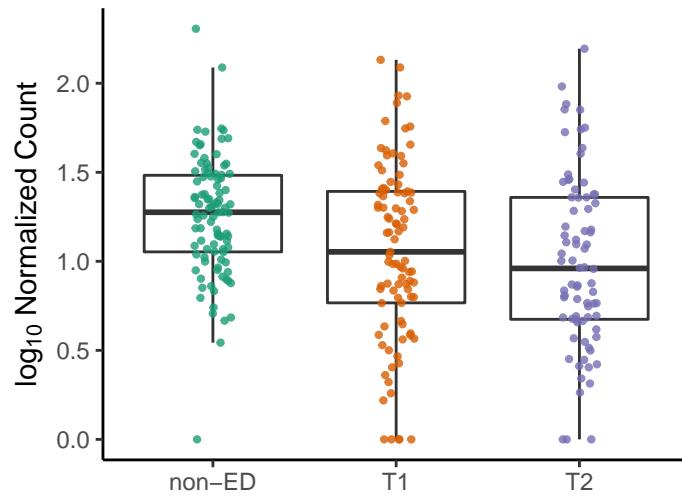
### Unclassified Mycobacteriaceae Family

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.73



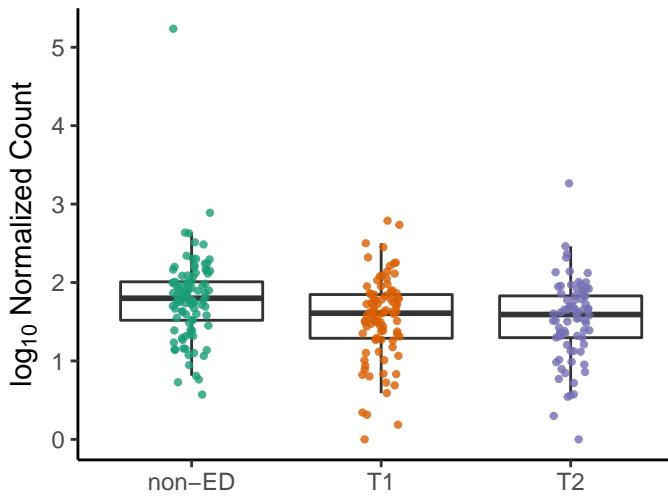
### Candidatus Midichloria mitochondrii

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



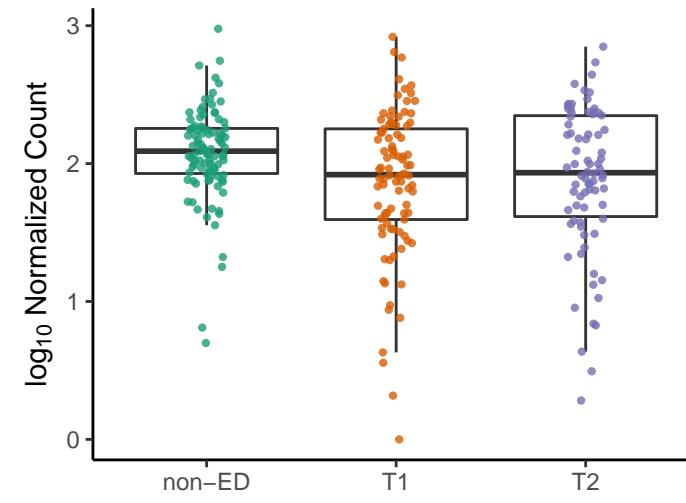
### *Pseudomonas psychrophila*

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



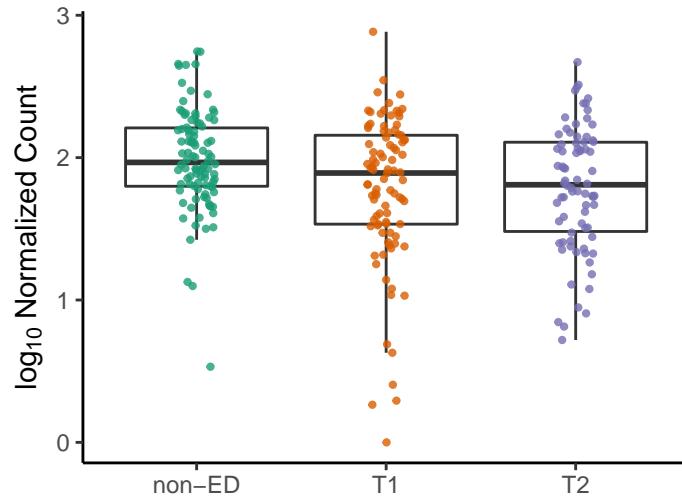
### Hydrogenophaga sp. PBL-H3

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.77



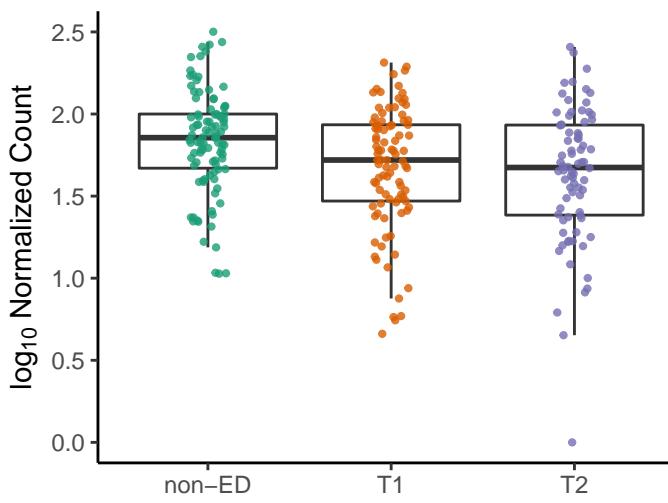
### *Pseudomonas* sp. SCB32

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.89



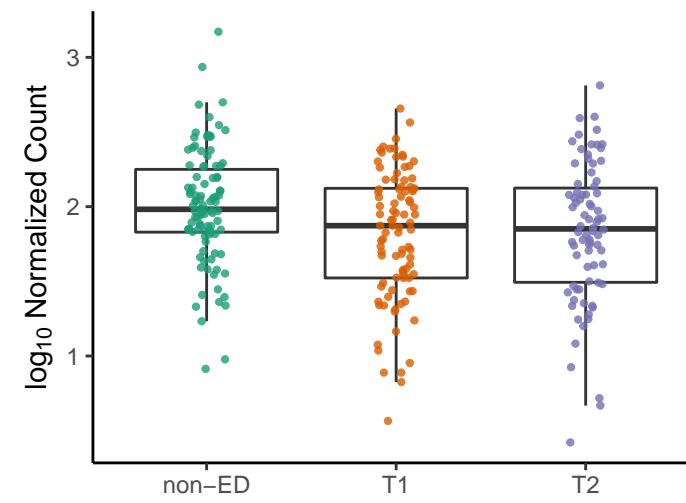
### *Tenacibaculum dicentrarchi*

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



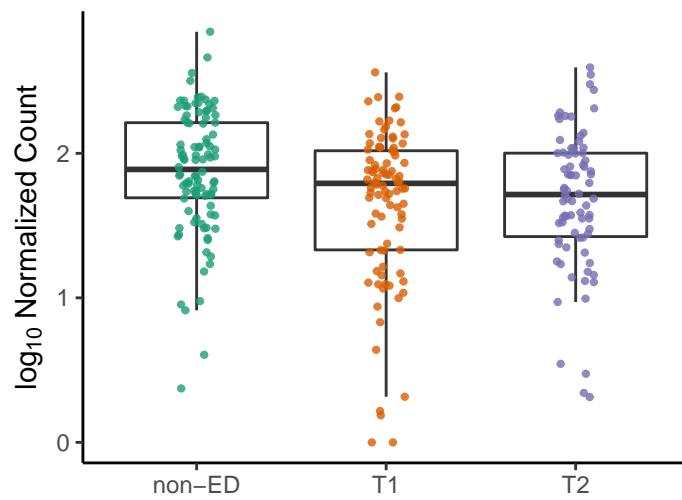
### *Mesorhizobium* sp. M6A.T.Cr.TU.016.01.

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.82



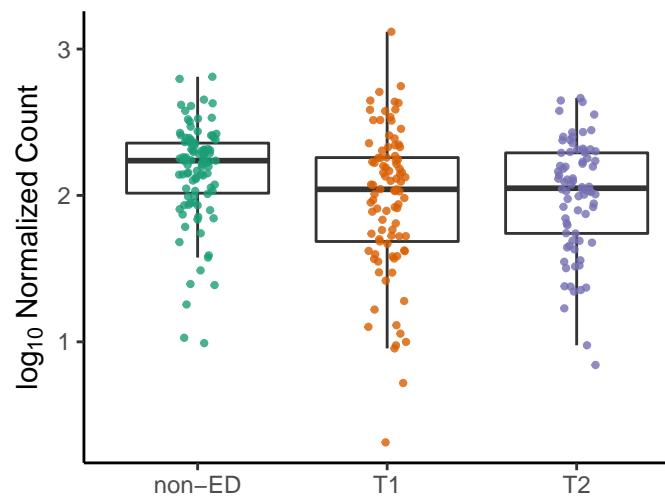
### *Herminiimonas arsenicoxydans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.8



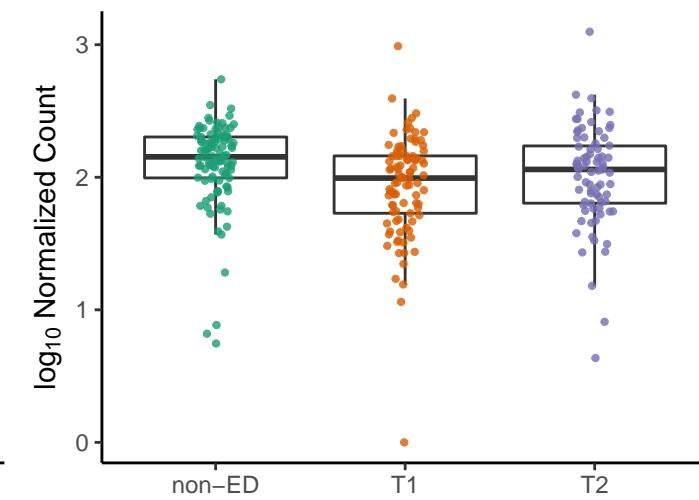
### *Paracoccus* sp. 2251

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.79



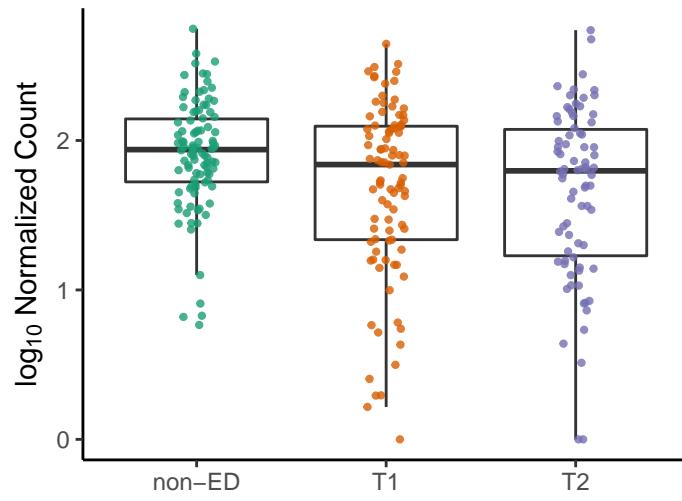
### *Sulfitobacter* sp. JL08

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.59



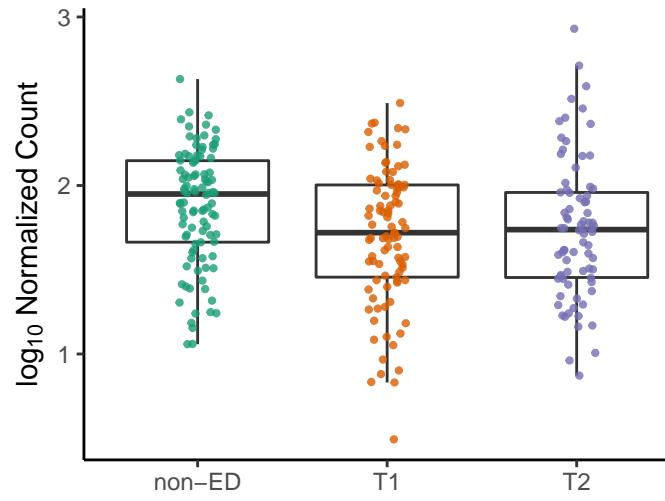
### *Gordonia phthalatica*

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



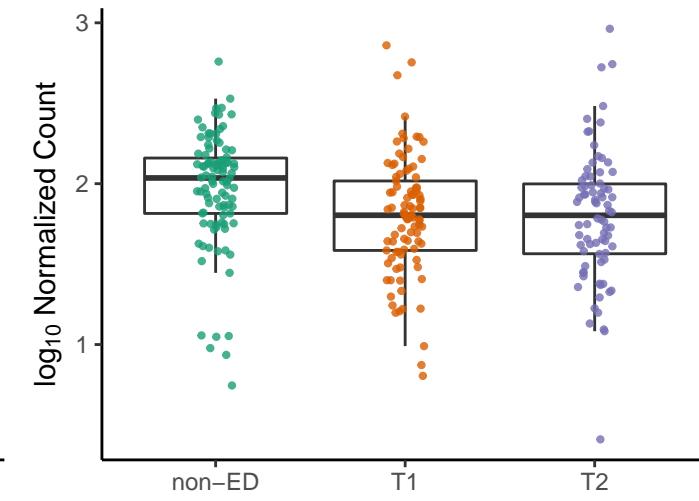
### *Pseudohalocynthiaibacter aestuariivivens*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.76



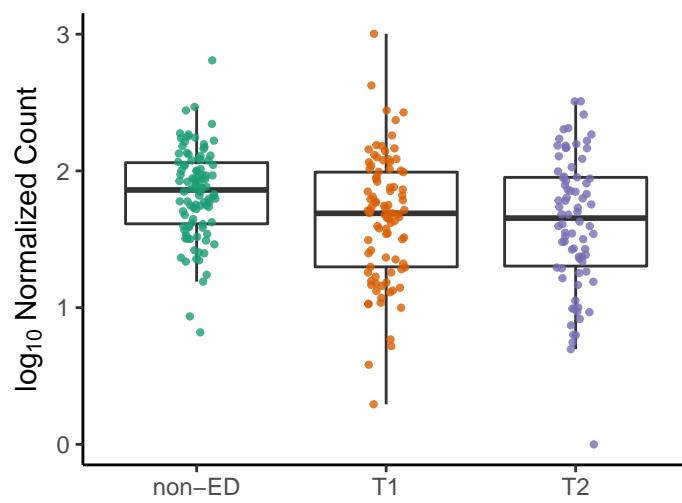
### *Glaesserella parasuis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.9



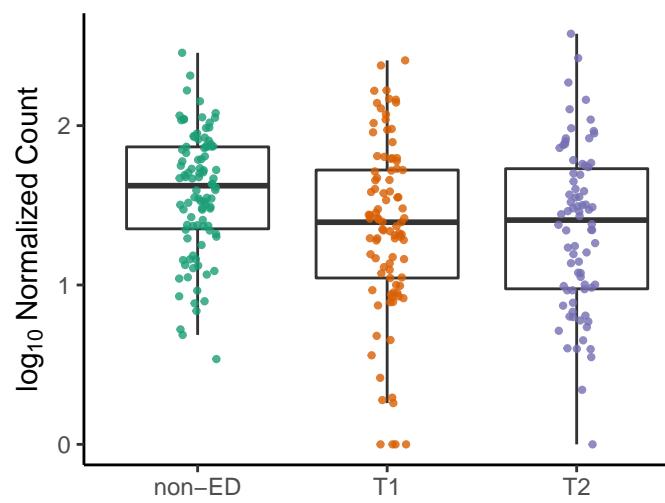
### *Mycobacterium cookii*

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



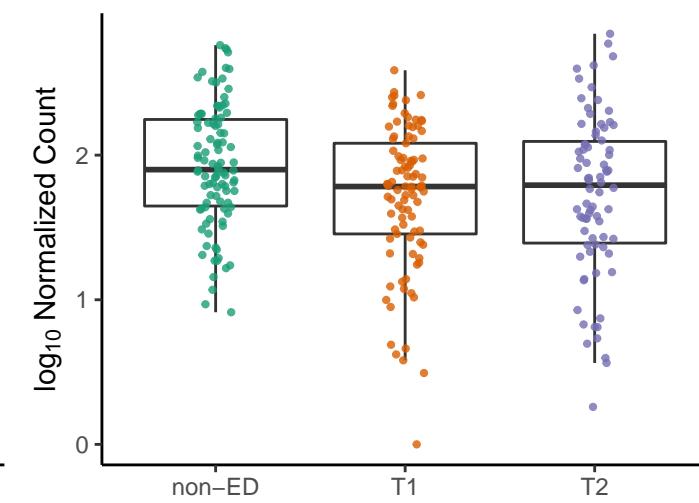
### *Corynebacterium rouxii*

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

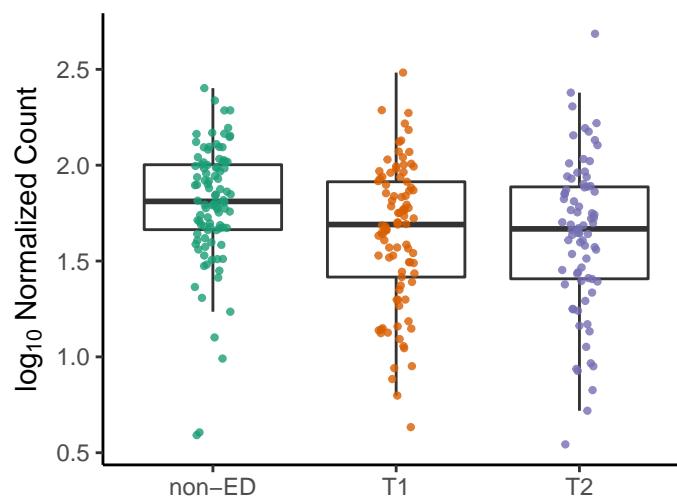


### *Streptomyces* sp. RLB1–33

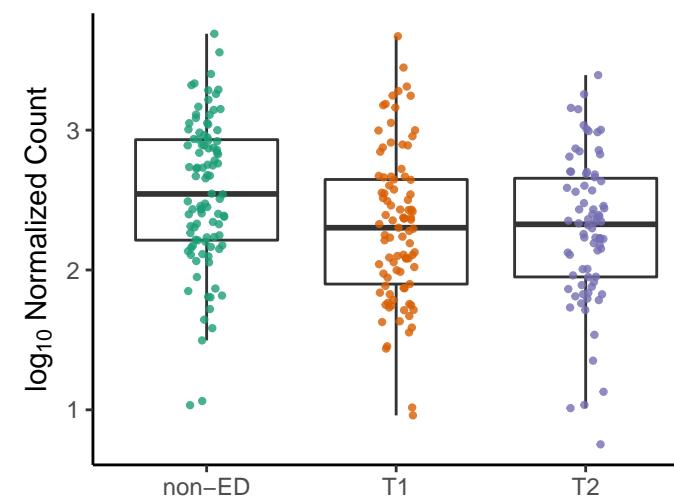
non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.79



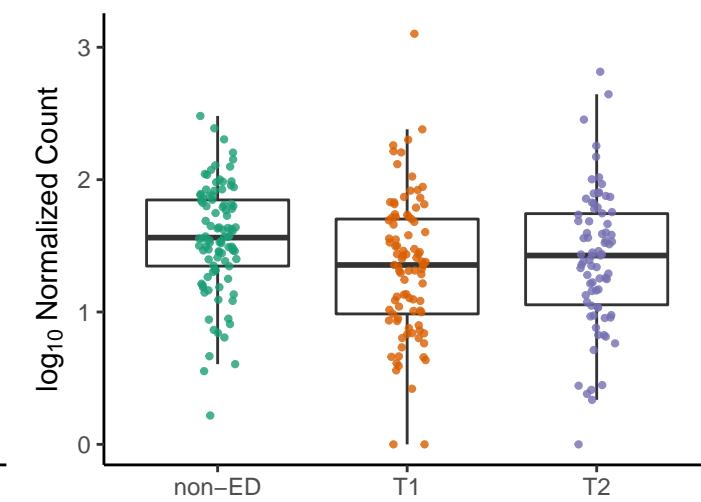
**Gallionella capsiferriformans**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.89



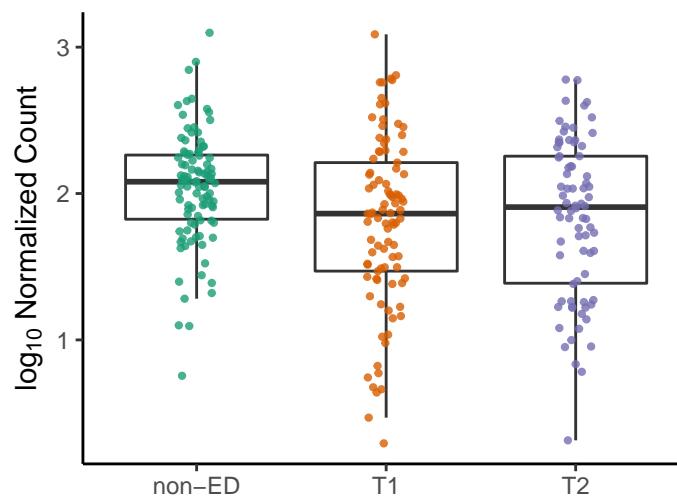
**Streptococcus lutetiensis**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.86



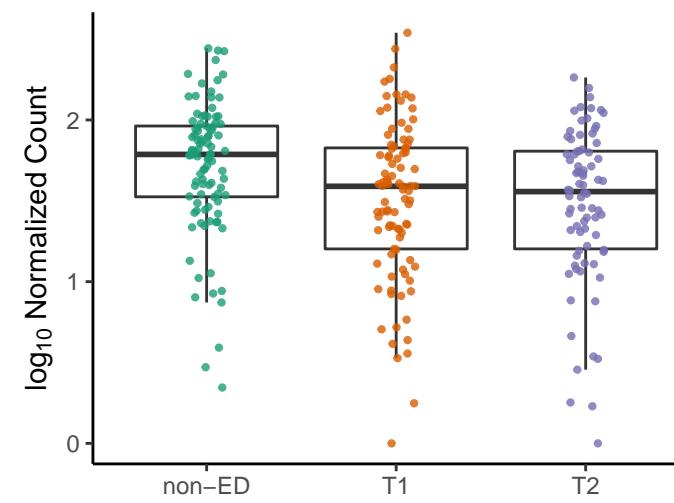
**Unclassified Mannheimia Genus**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.81



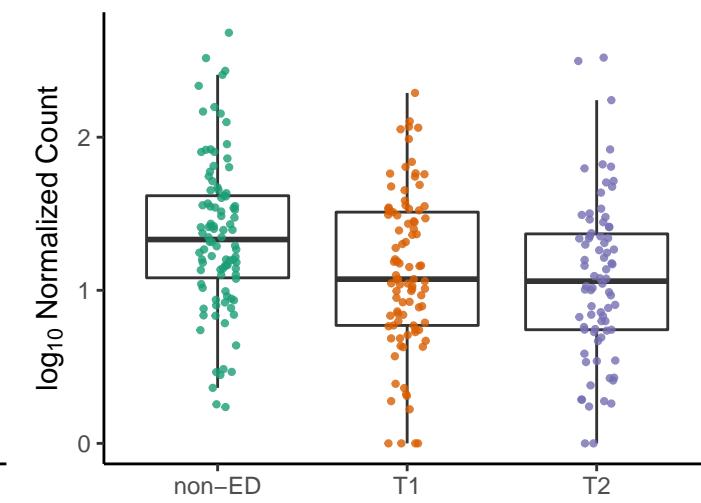
**Deinococcus radiodurans**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.75



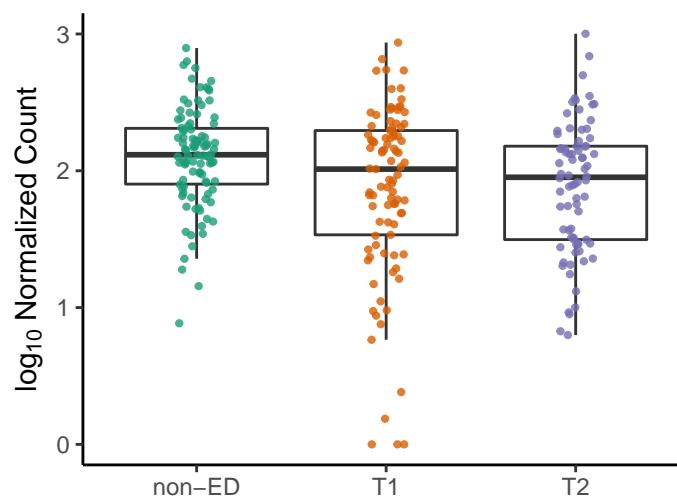
**Flavobacterium haoranii**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.83



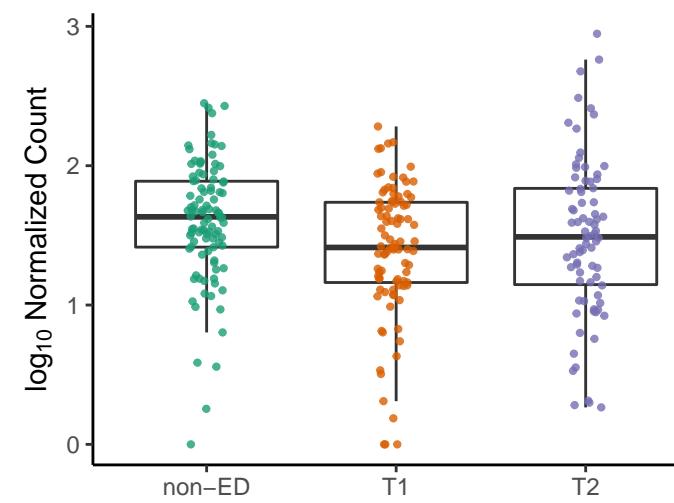
**Nitrosopumilus adriaticus**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0055  
T1 vs. T2 adjusted p = 0.91



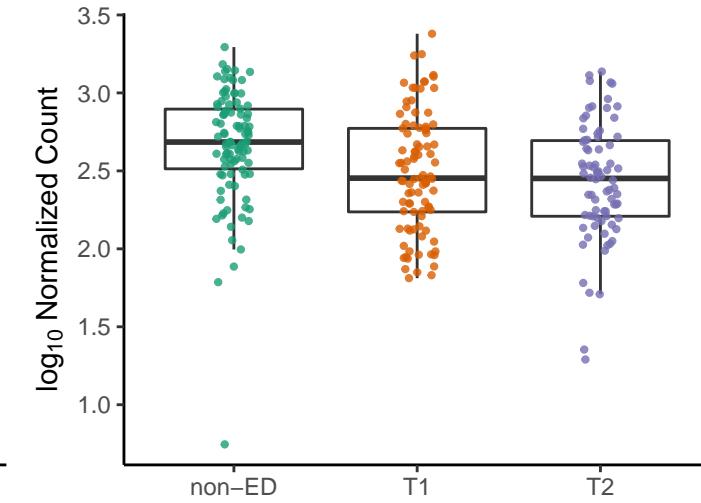
**Thauera sp. MZ1T**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.77



**Variovorax sp. PBL-E5**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.66

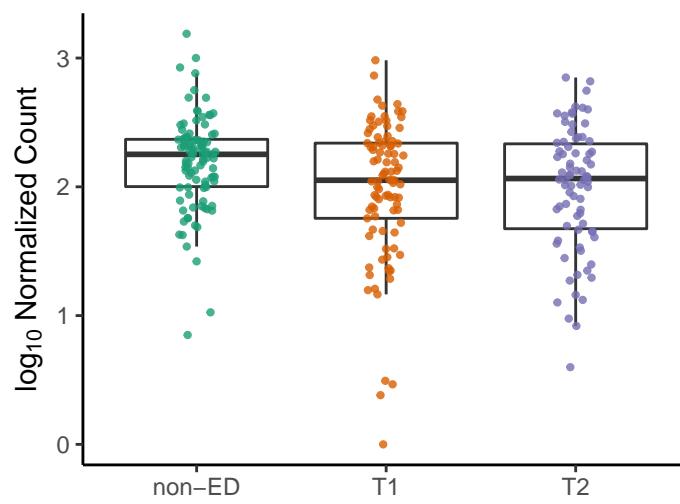


**Clostridium novyi**  
non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.73



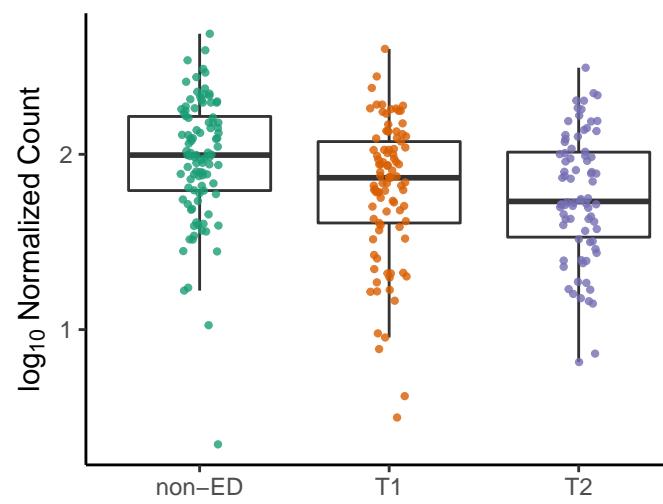
### *Alkalilimnicola ehrlichii*

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



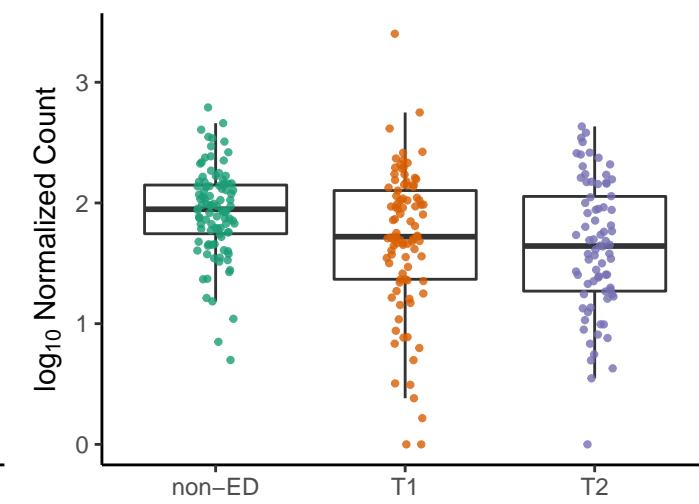
### *Aquitalea denitrificans*

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



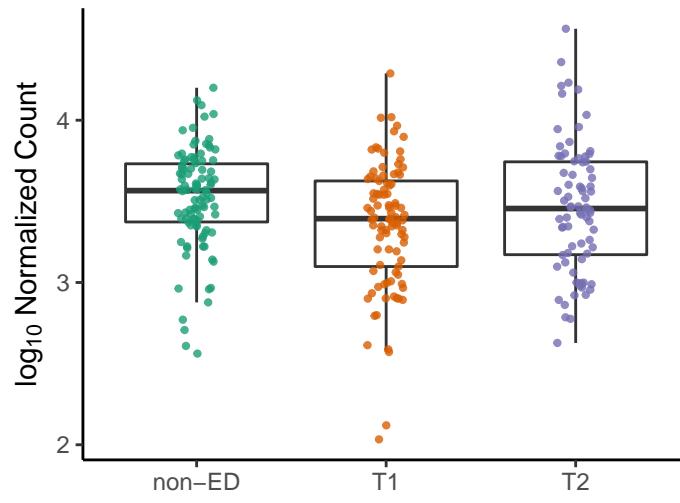
### *Corynebacterium sanguinis*

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



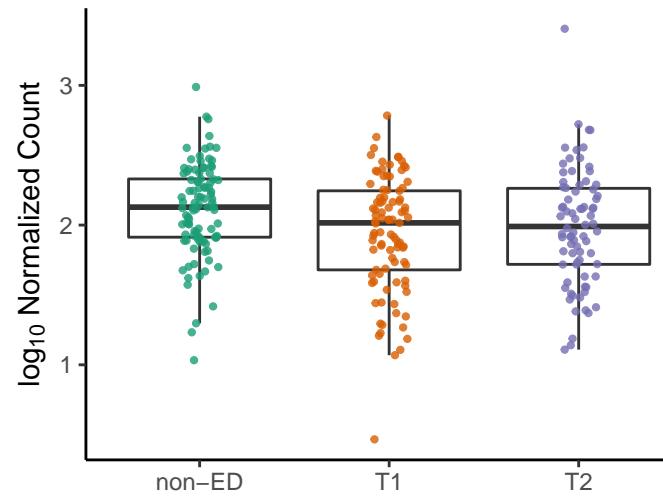
### *Ruminococcaceae bacterium CPB6*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.48



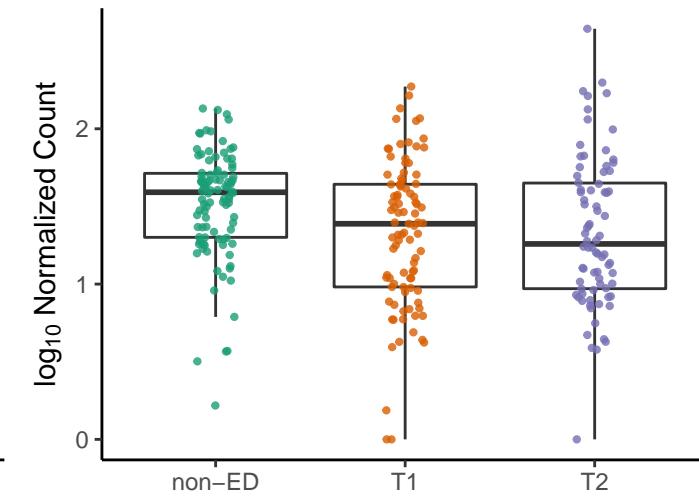
### *Scardovia inopinata*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.71



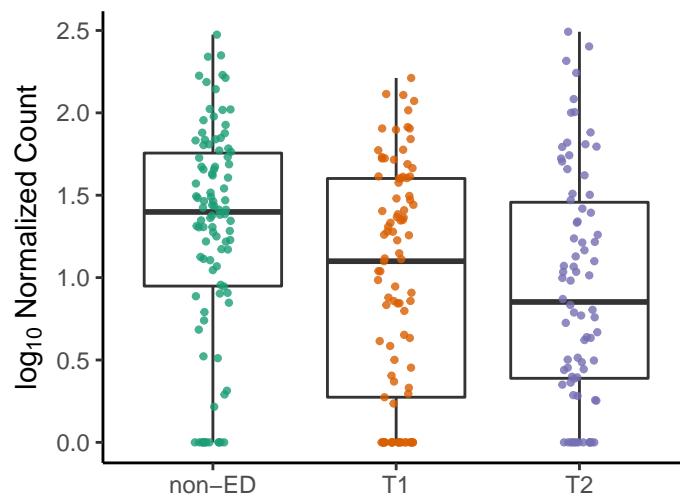
### *Methanothermococcus okinawensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.97



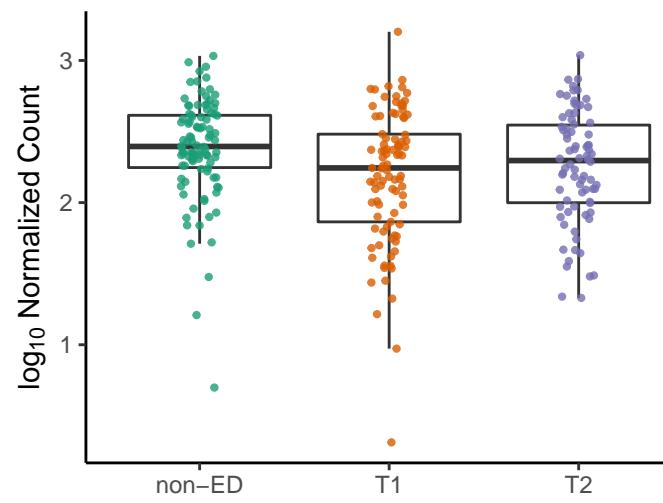
### Unclassified Luteimonas Genus

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



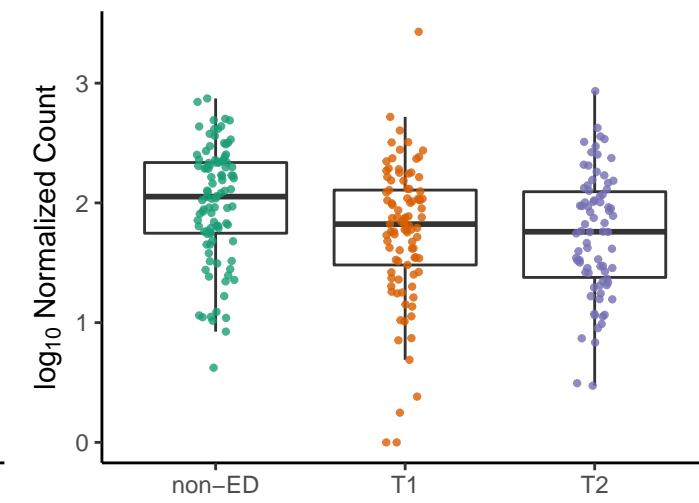
### *Tepidiforma bonchoscмолovskayae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.55



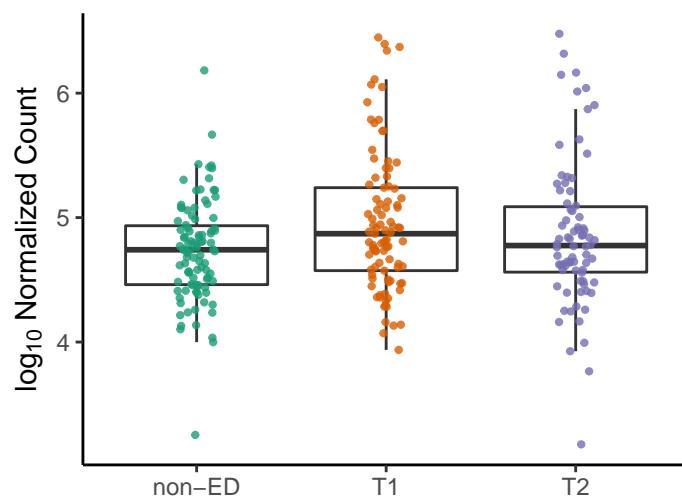
### *Acidibrevibacterium fodinaquatile*

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



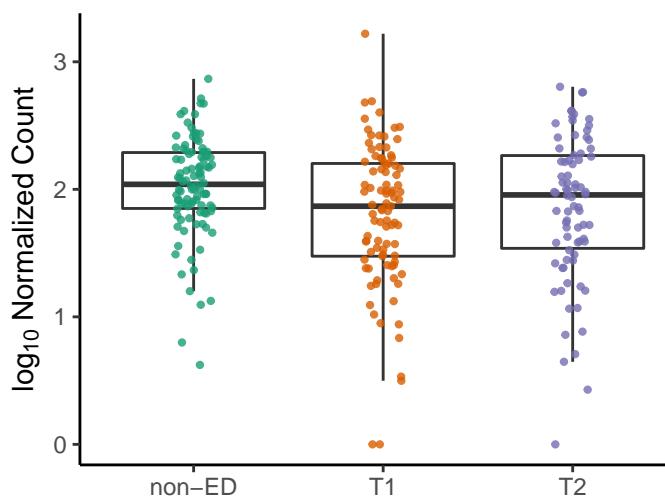
### [Ruminococcus] gnavus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.63



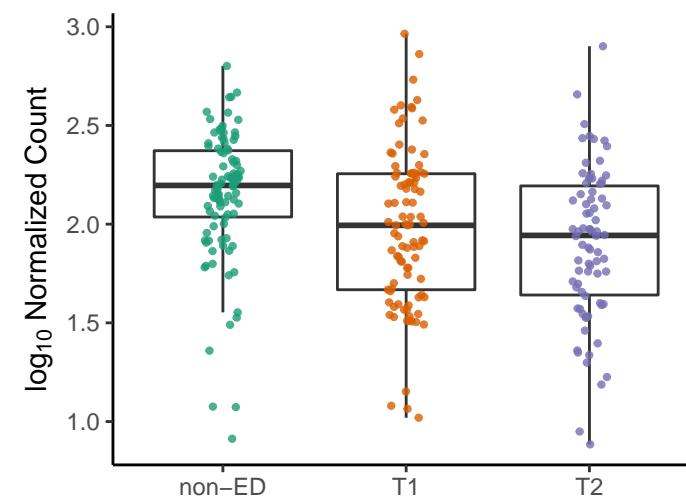
### Agrococcus jejuensis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.71



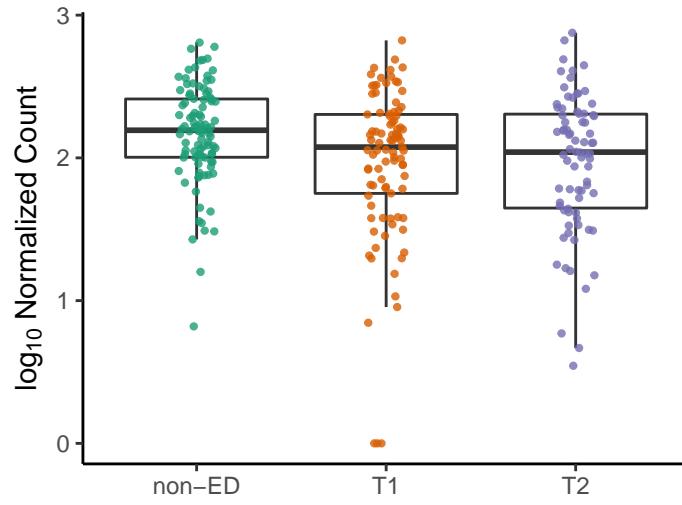
### Anaerococcus mediterraneensis

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



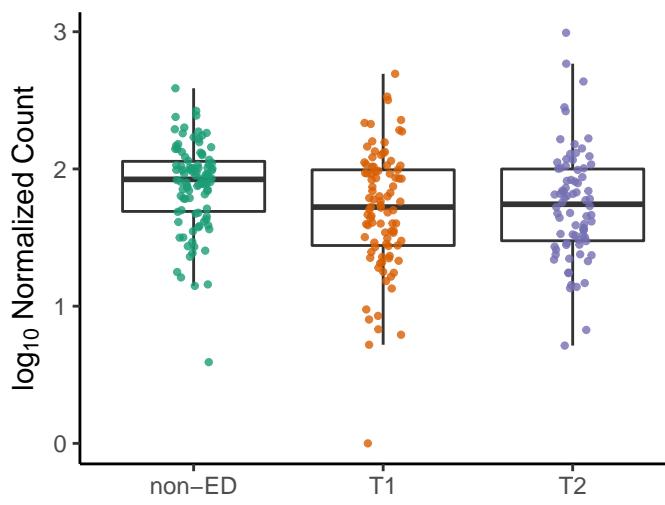
### Martelella endophytica

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



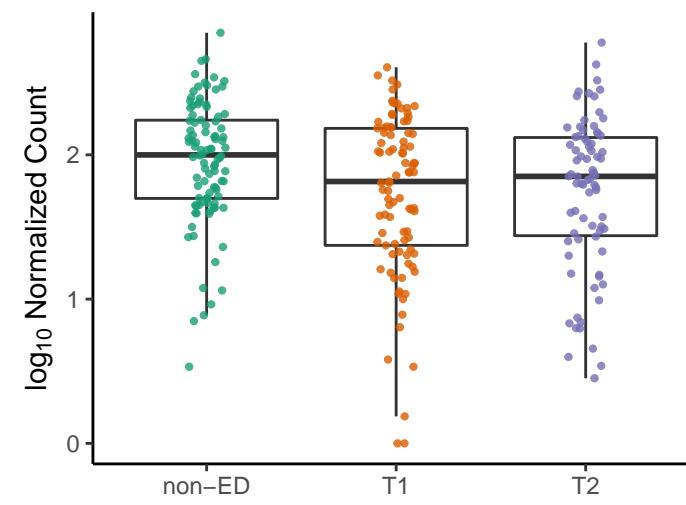
### Salicibacter kimchii

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.68



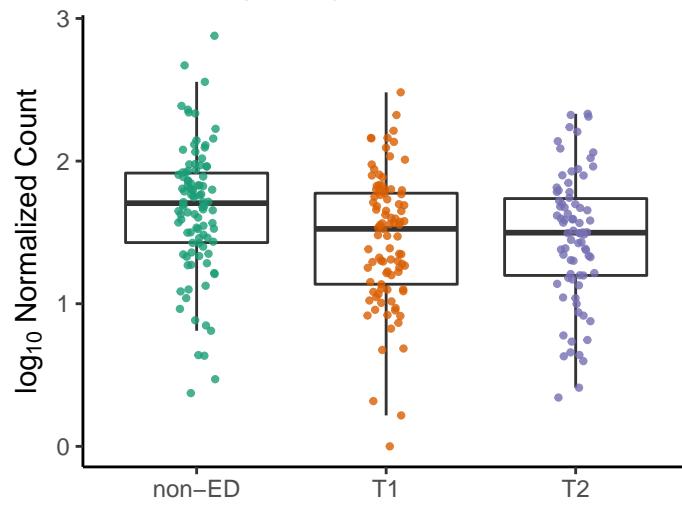
### Streptomyces pristinaespiralis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.82



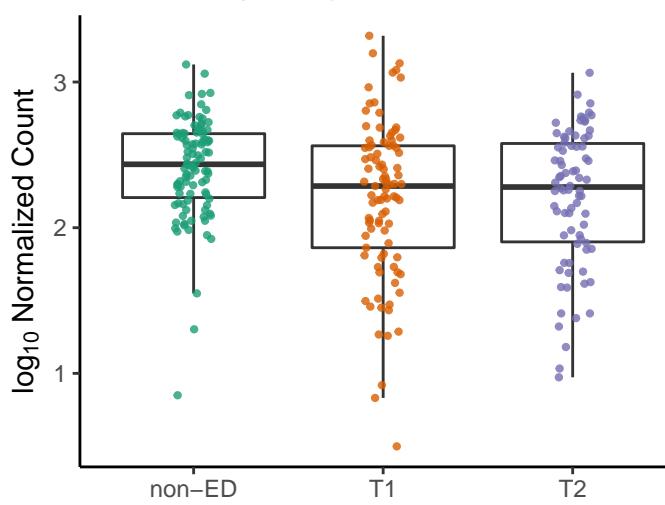
### Bdellovibrio sp. NC01

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.87



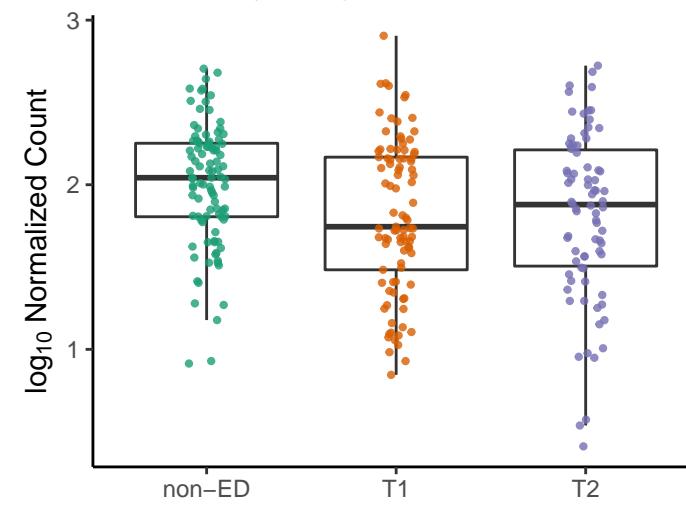
### Propionimicrobium sp. Marseille-P3275

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.84



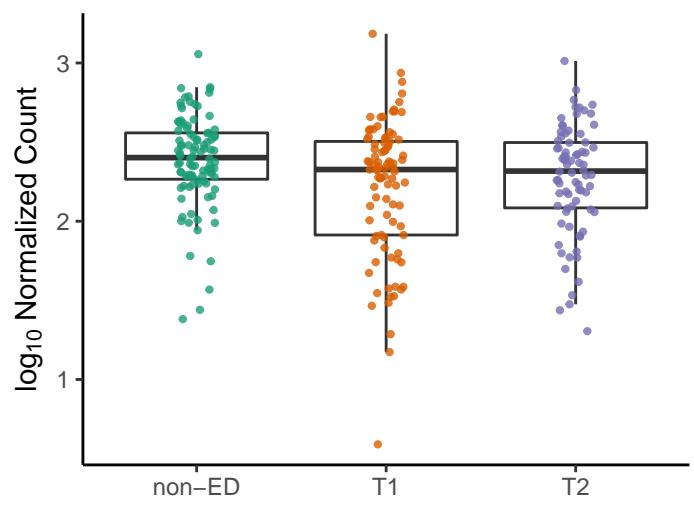
### Chromobacterium sp. 257-1

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.85



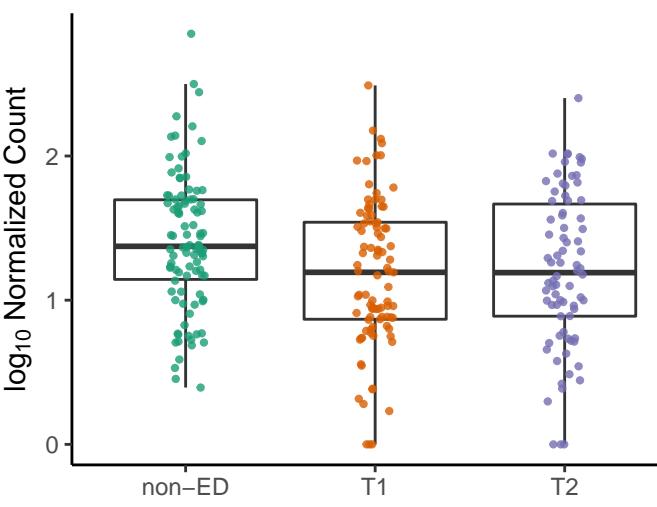
### *Asticcacaulis excentricus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.71



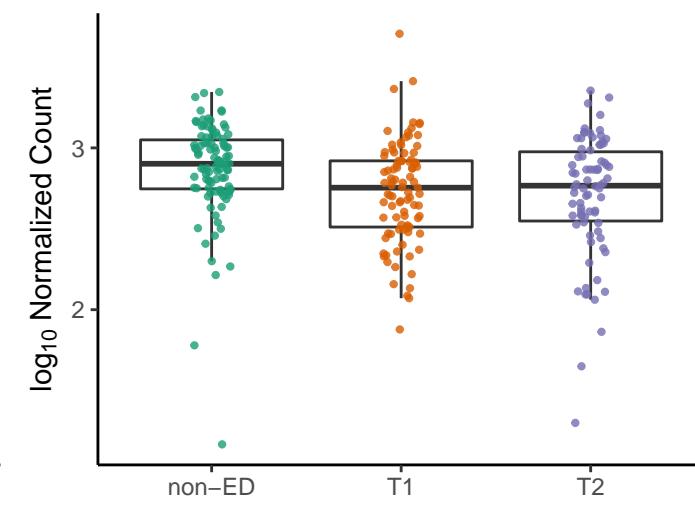
### *Thermococcus celer*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.92



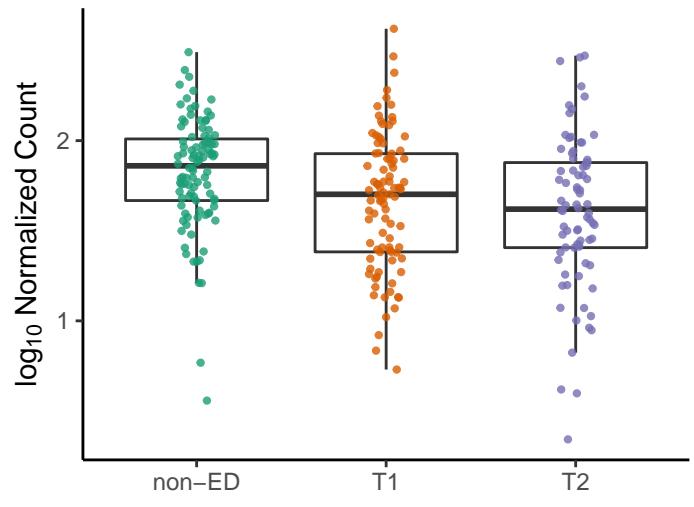
### Unclassified Butyrivibrio Genus

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



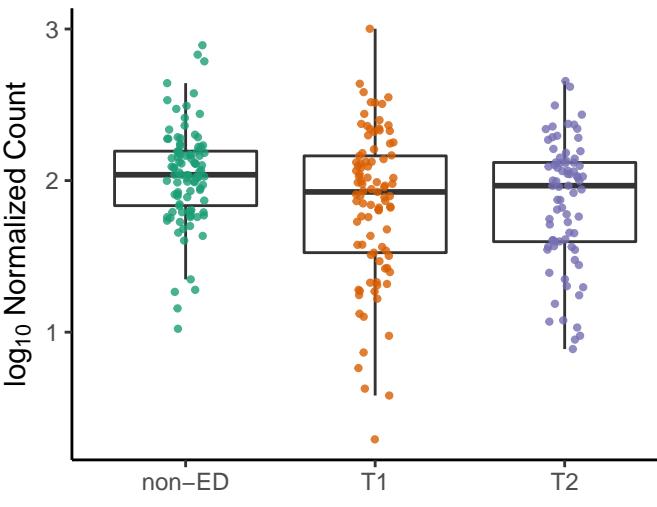
### *Flavobacterium sp. Sr18*

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



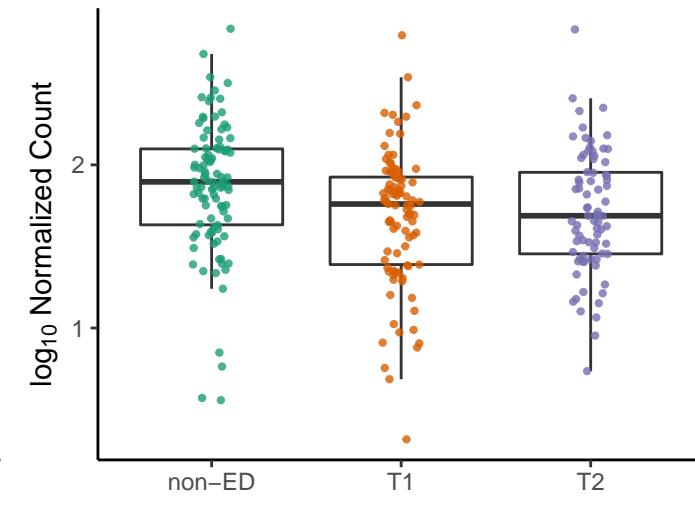
### *Brevibacterium luteolum*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.79



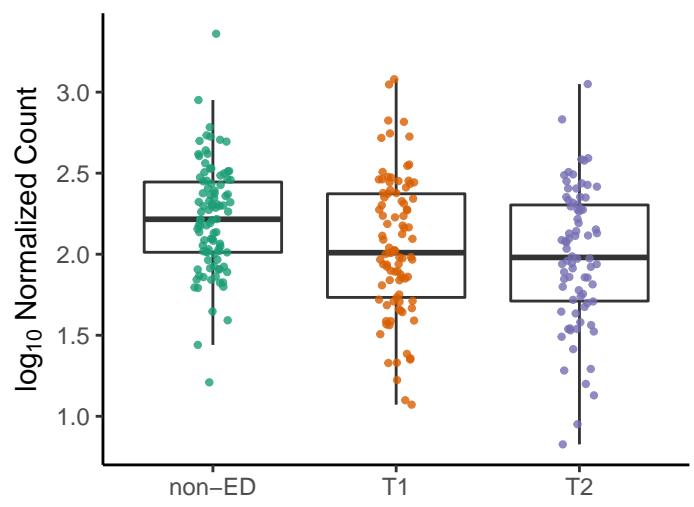
### *Methanosaeca siciliae*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.73



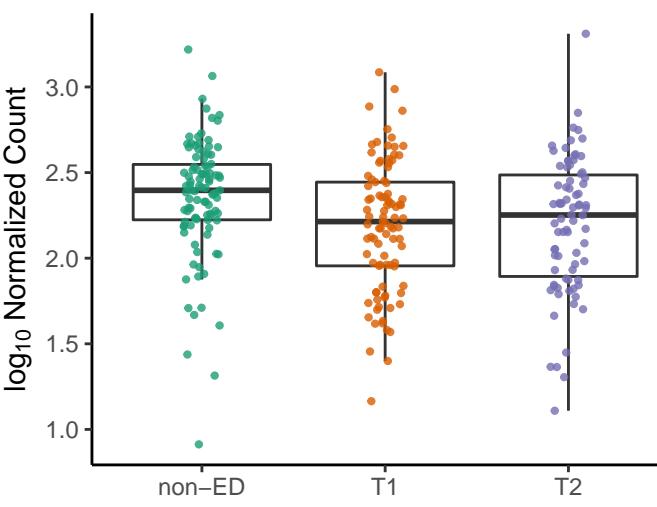
### *Chromobacterium vaccinii*

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



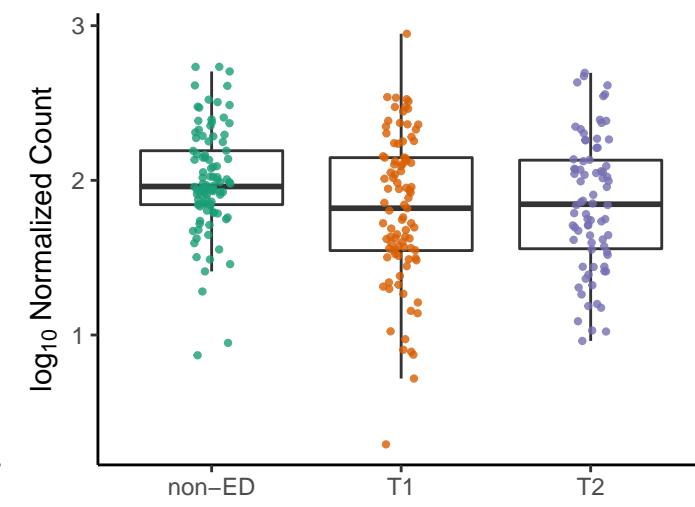
### *Jeotgalibacillus malaysiensis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.92



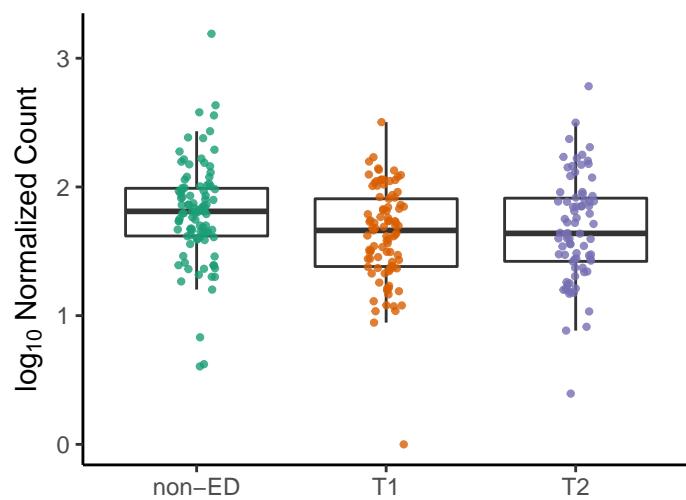
### *Luteimonas sp. JM171*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.72



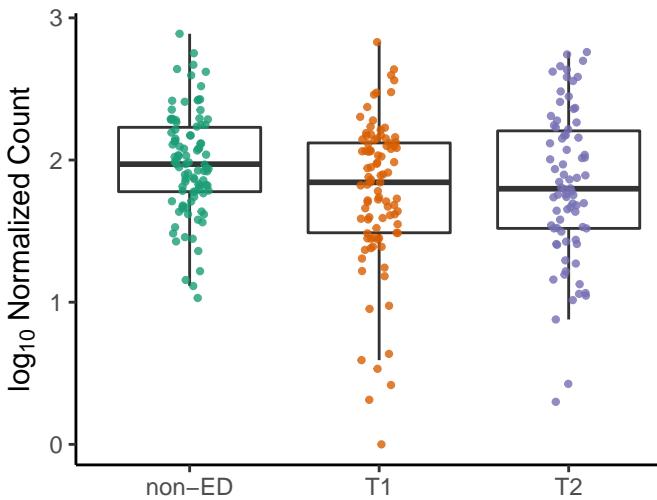
### Xenorhabdus poinarii

non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.08$   
T1 vs. T2 adjusted  $p = 0.8$



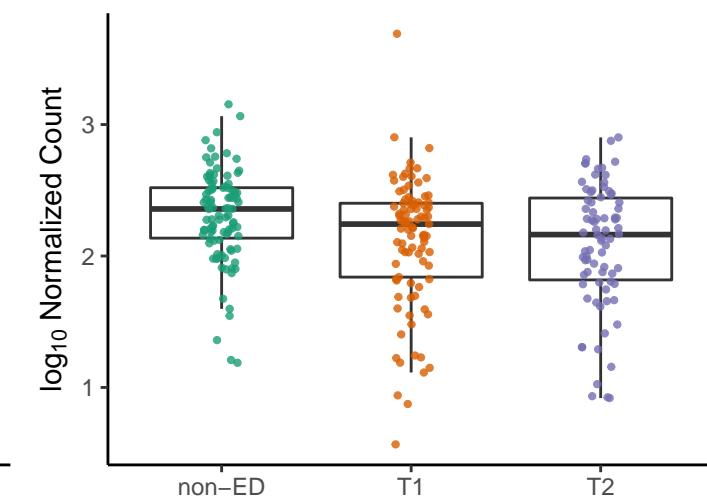
### Ensifer sojae

non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.076$   
T1 vs. T2 adjusted  $p = 0.71$



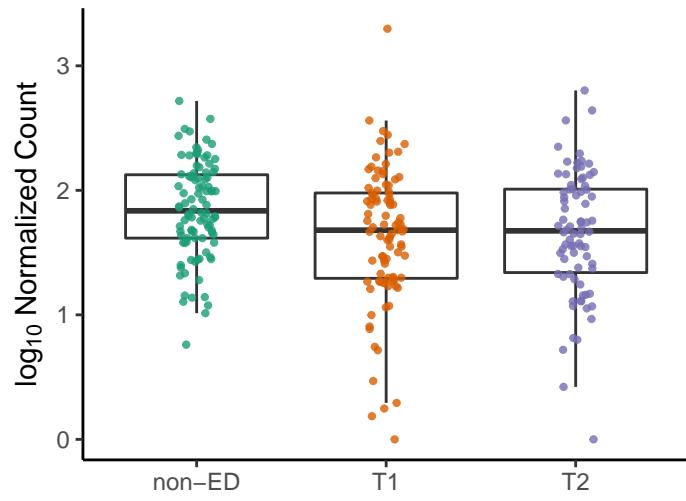
### Hymenobacter sp. DG01

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



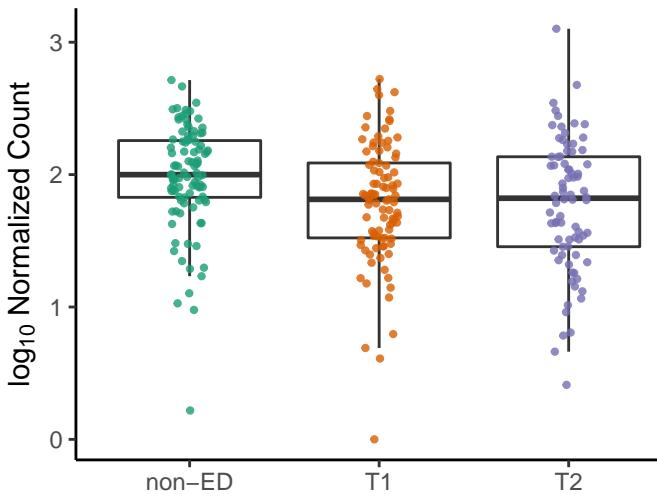
### Methylovirgula ligni

non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.03$   
T1 vs. T2 adjusted  $p = 0.74$



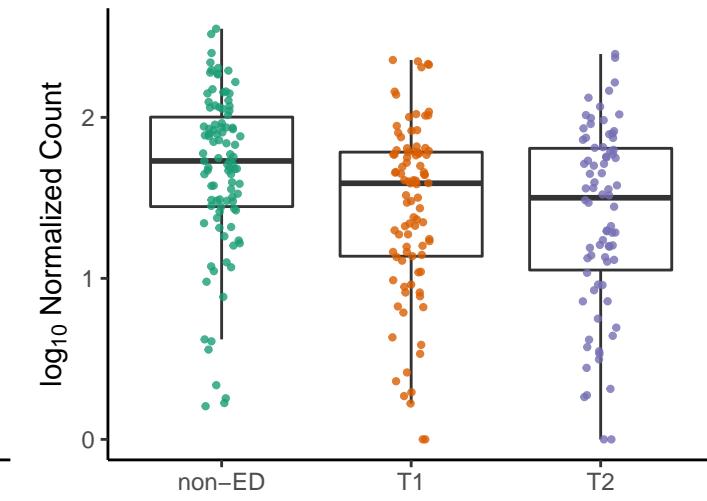
### Staphylococcus stepanovicii

non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.017$   
T1 vs. T2 adjusted  $p = 0.92$



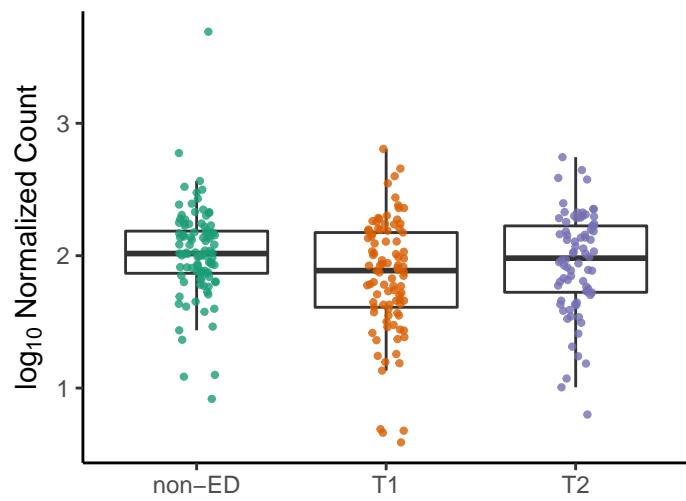
### Unclassified Rhodanobacteraceae Family

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



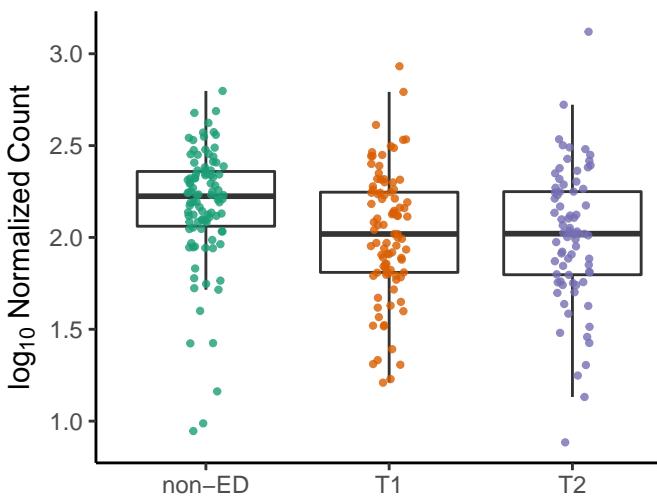
### Mycobacterium colombiense

non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.27$   
T1 vs. T2 adjusted  $p = 0.39$



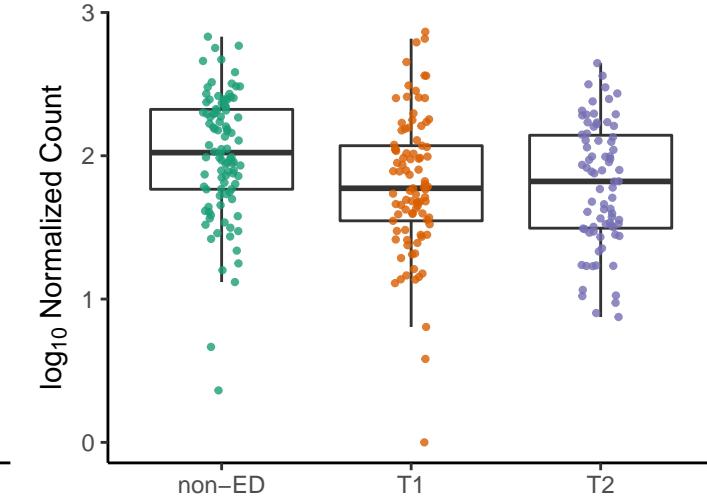
### Bacillus pseudomycoides

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

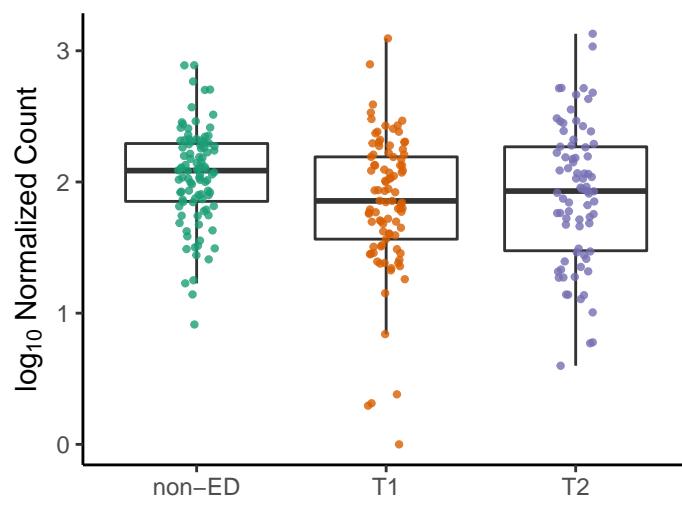


### Acholeplasma axanthum

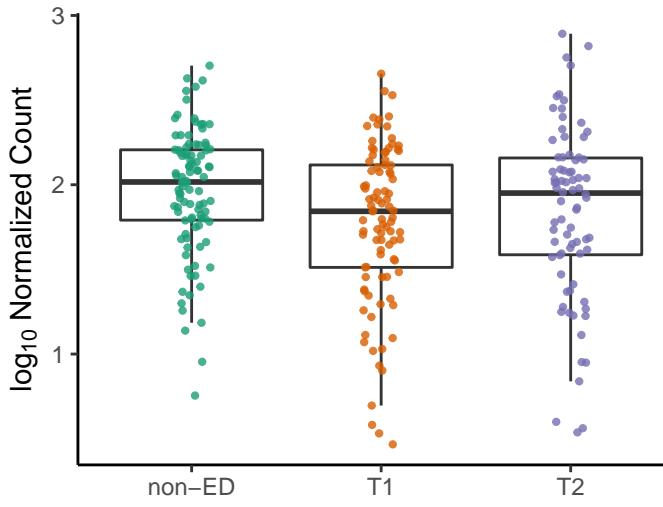
non-ED vs. T1 adjusted  $p = 0.015$   
non-ED vs. T2 adjusted  $p = 0.011$   
T1 vs. T2 adjusted  $p = 0.9$



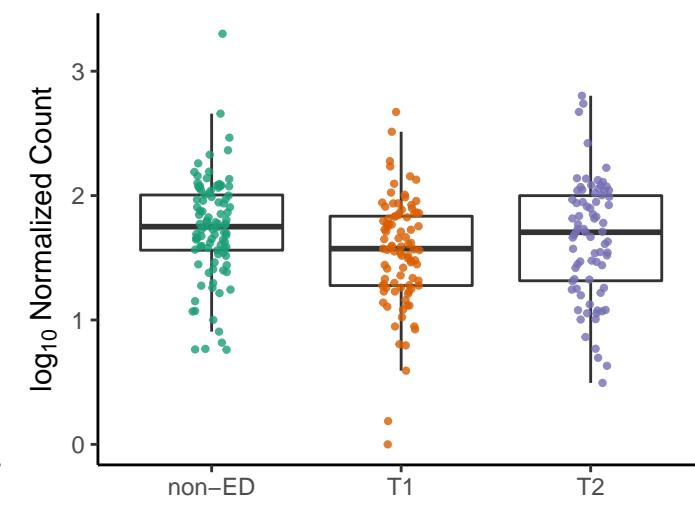
*Luteipulveratus mongoliensis*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.63



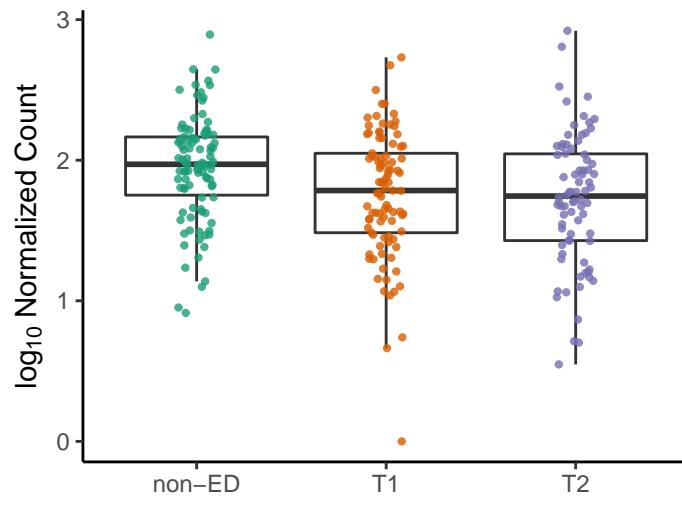
*Mycobacterium vaccae*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.63



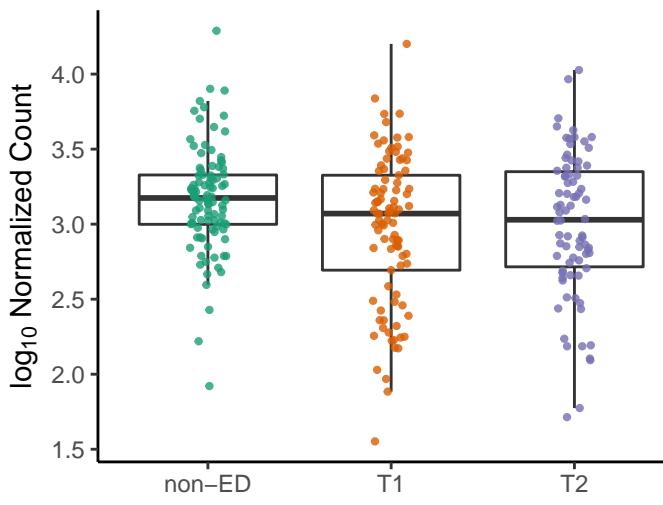
*Pseudomonas umsongensis*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.5



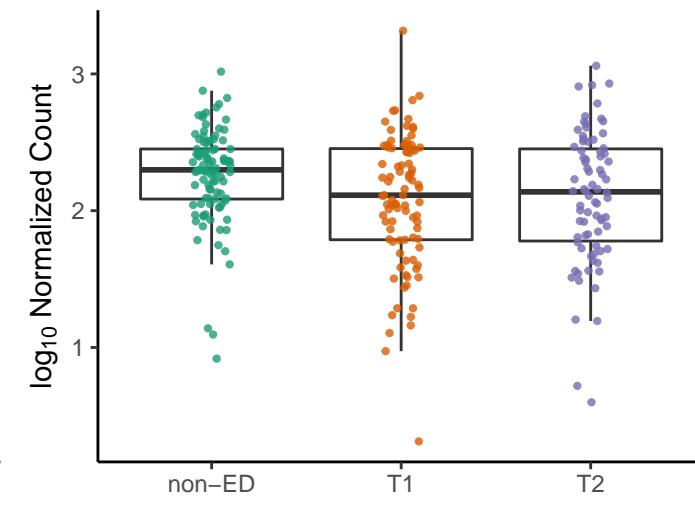
*Alcaligenaceae bacterium SJ-26*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.0093  
T1 vs. T2 adjusted p = 0.88



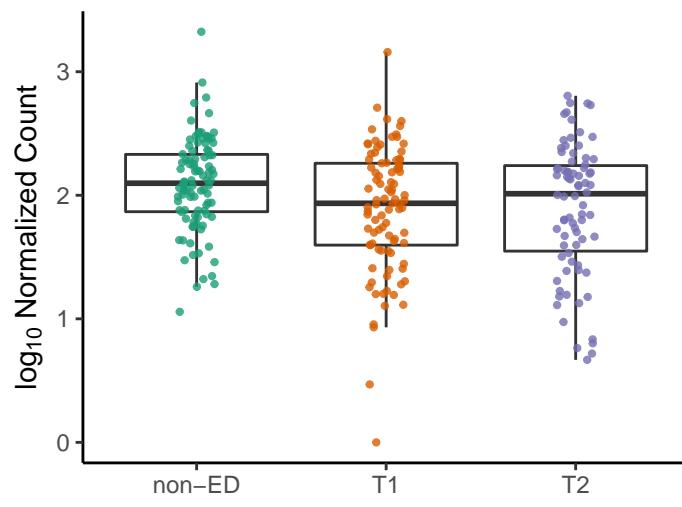
*Olsenella umbonata*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.75



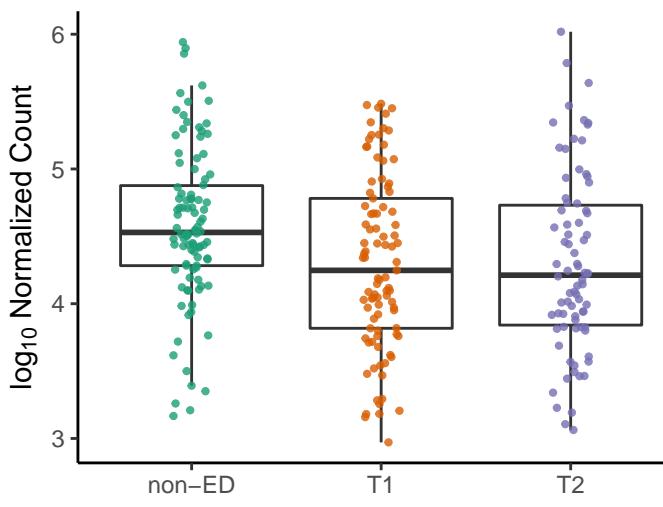
*Nocardia* sp. CS682  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.73



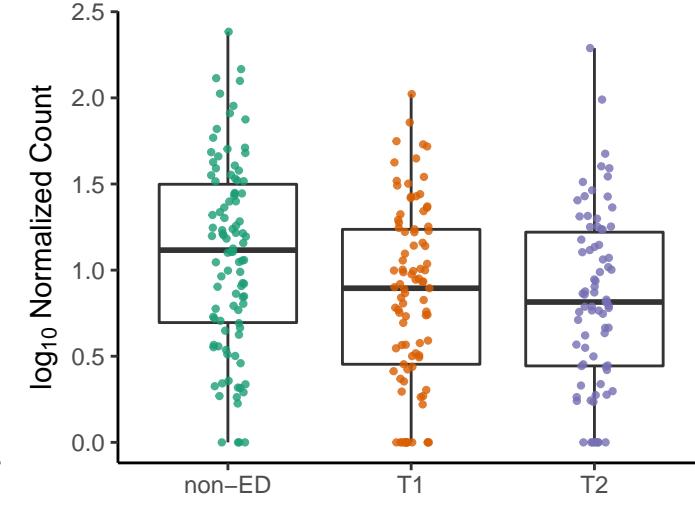
*Aeromicrobium erythreum*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.83



*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

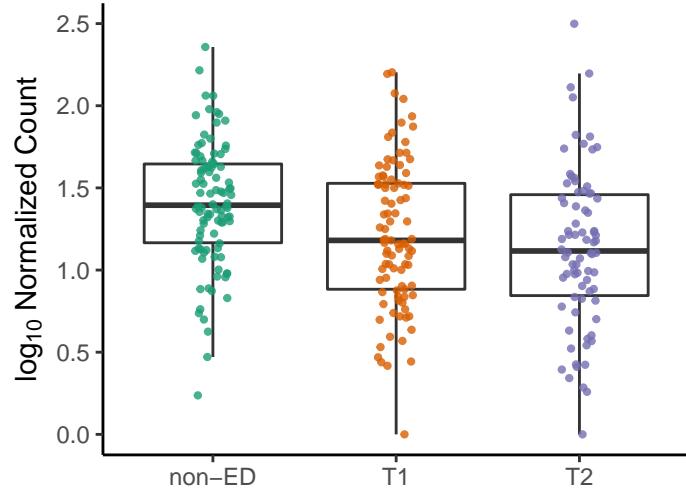


*Rhizobium pusense*  
non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.99



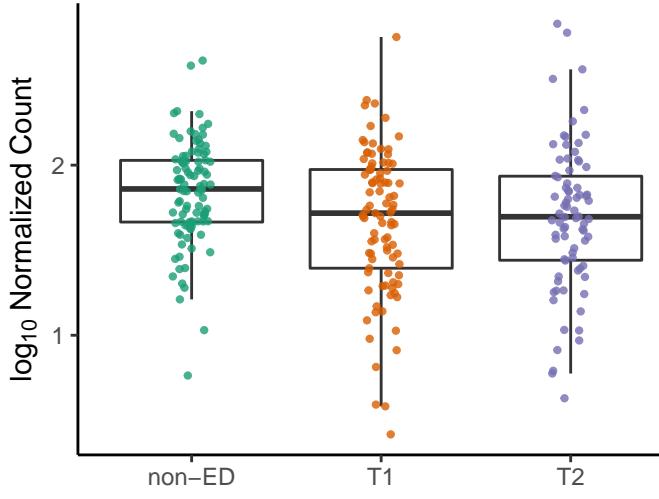
### *Thalassotalea* sp. HSM 43

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



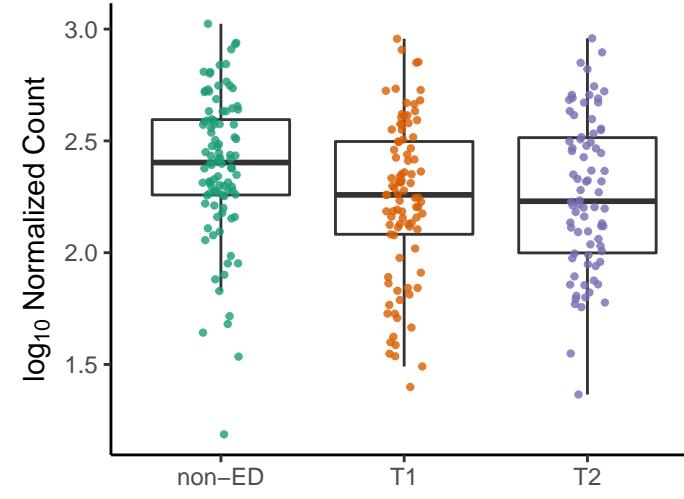
### *Neisseria meningitidis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.84



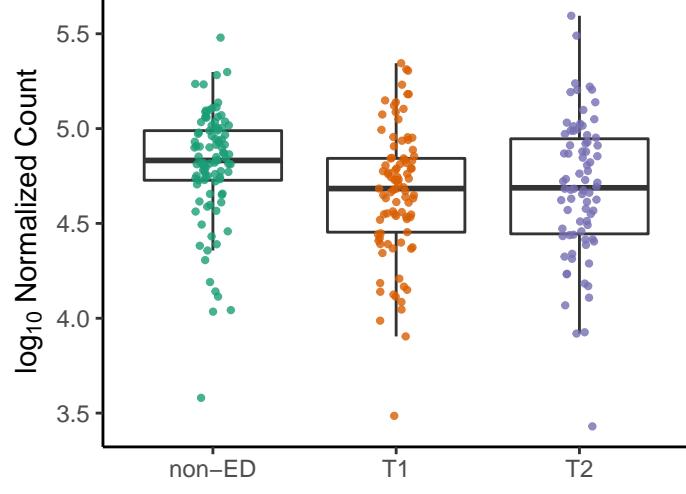
### *Paenibacillus* sp. Y412MC10

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



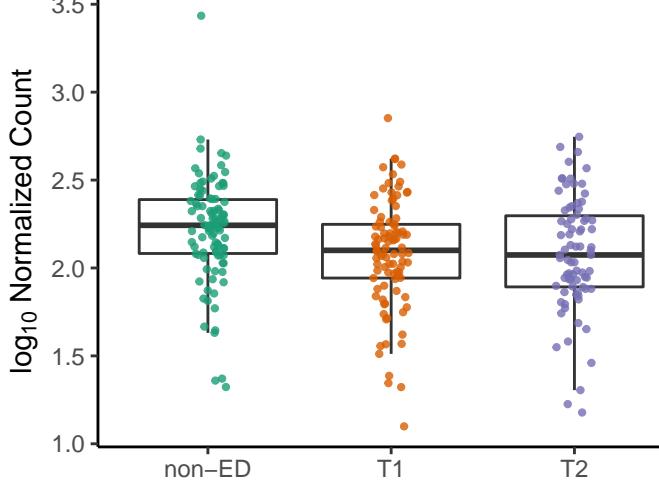
### Lachnospiraceae bacterium Choco86

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.91



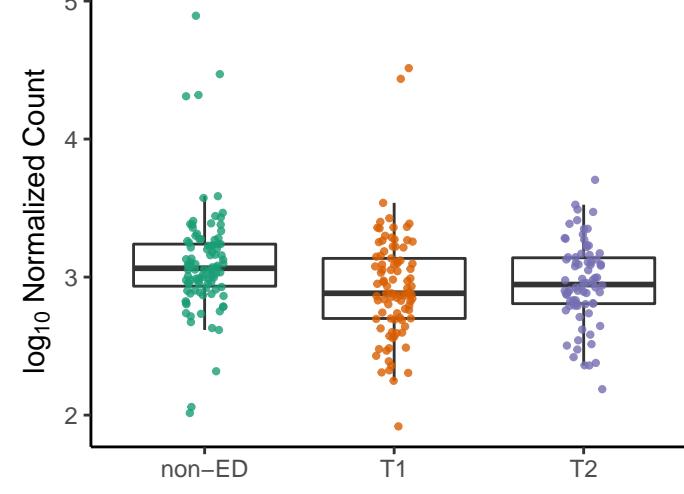
### *Niastella koreensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.93



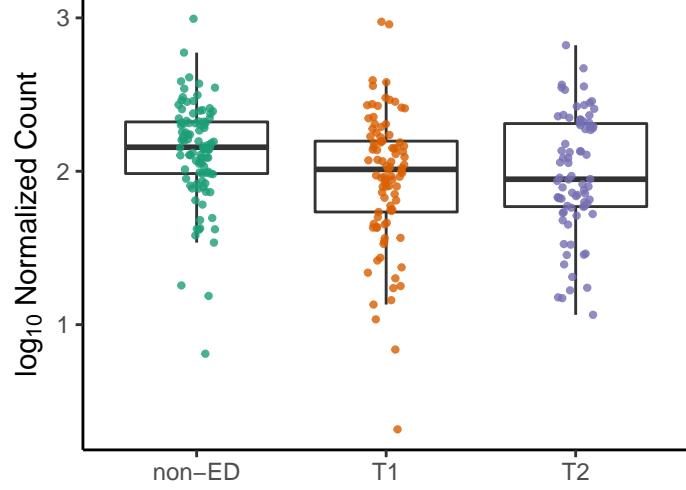
### *Megasphaera elsdenii*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.55



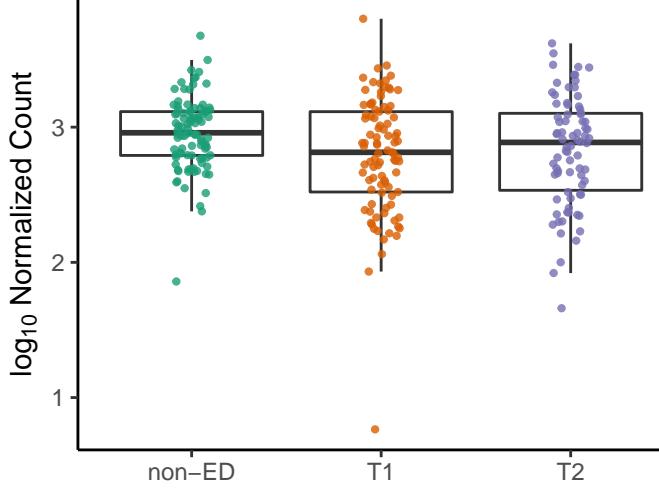
### *Nitratifractor salsuginis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.74



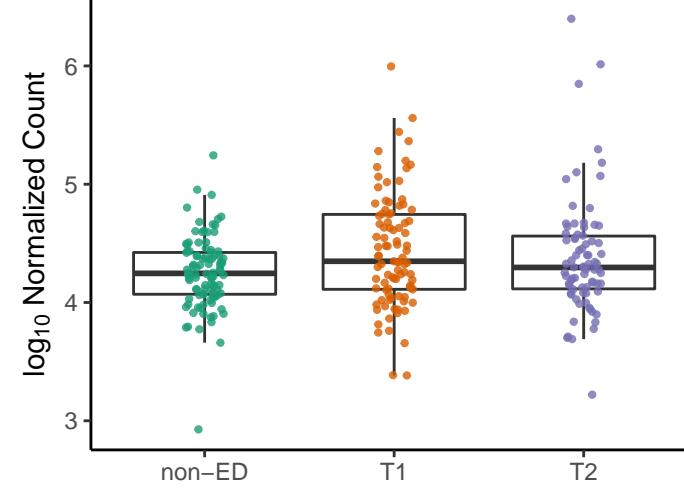
### *Streptomyces venezuelae*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.72



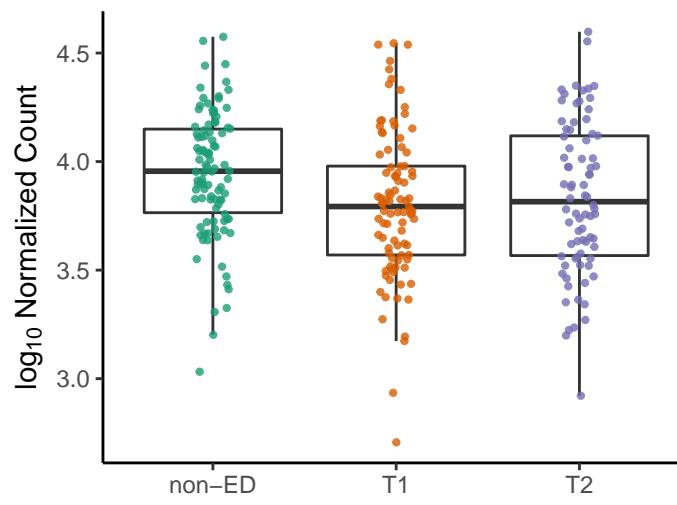
### [Clostridium] innocuum

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.78



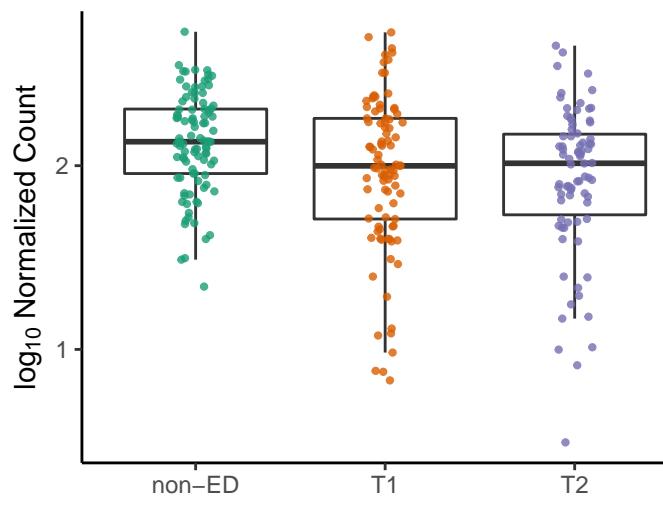
### *Clostridium* sp. SY8519

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.74



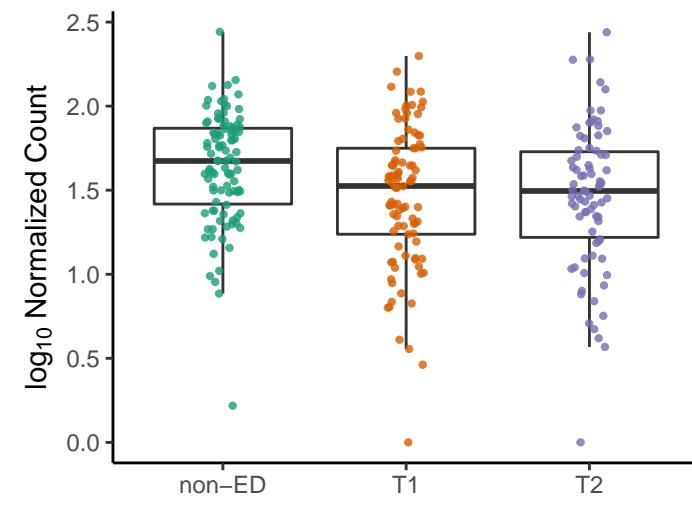
### *Herbaspirillum hiltneri*

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



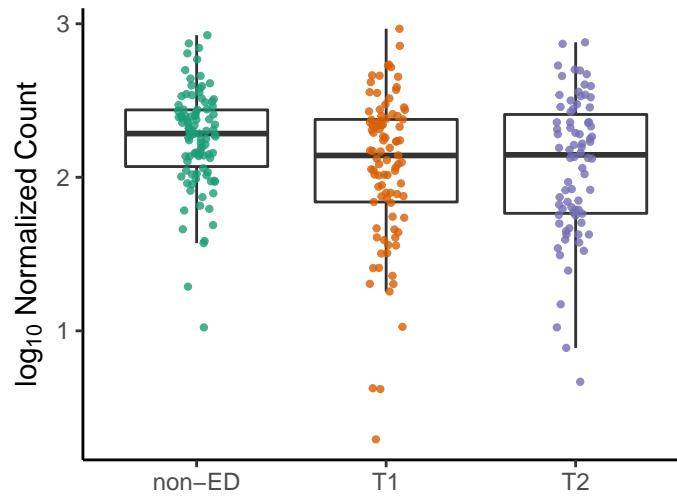
### *Staphylococcus schleiferi*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.97



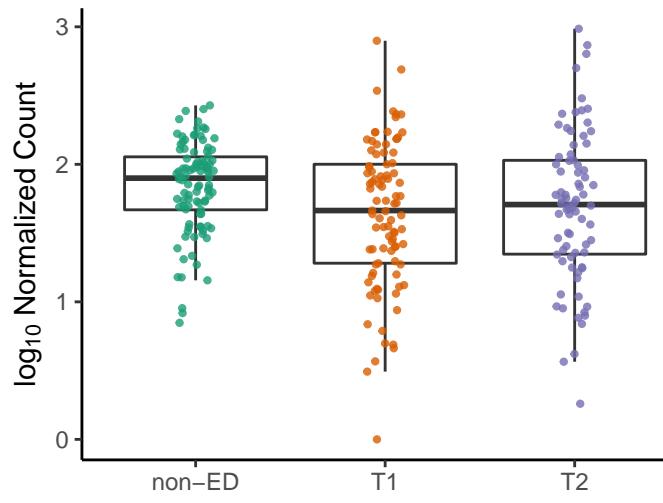
### *Thiohalobacter thiocyanaticus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



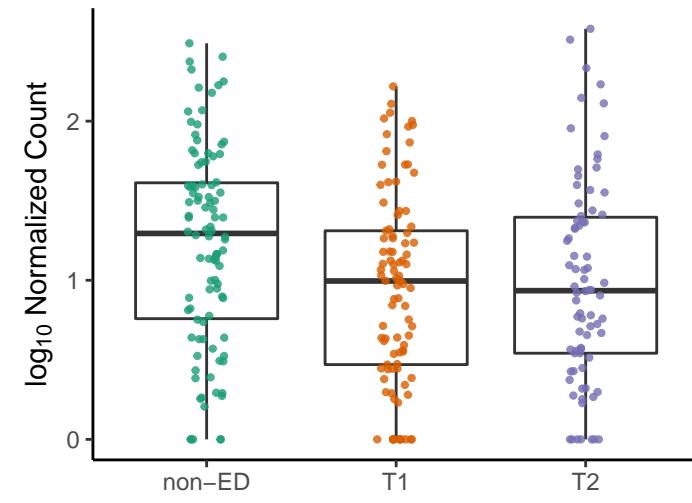
### Unclassified Chromobacteriaceae Family

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.76



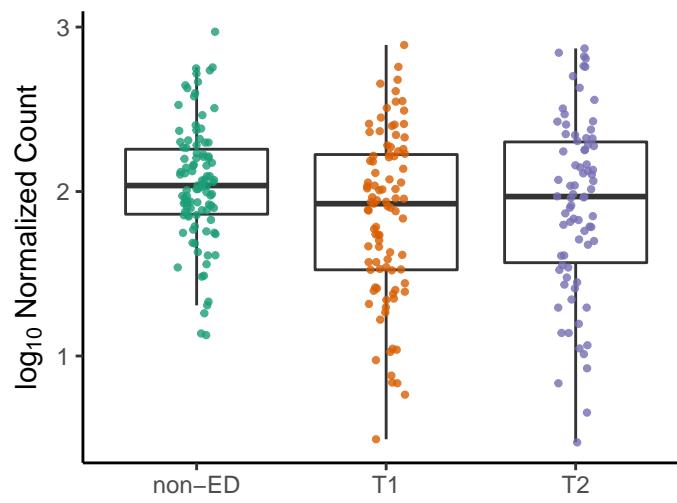
### Unclassified Methyloceanibacter Genus

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.85



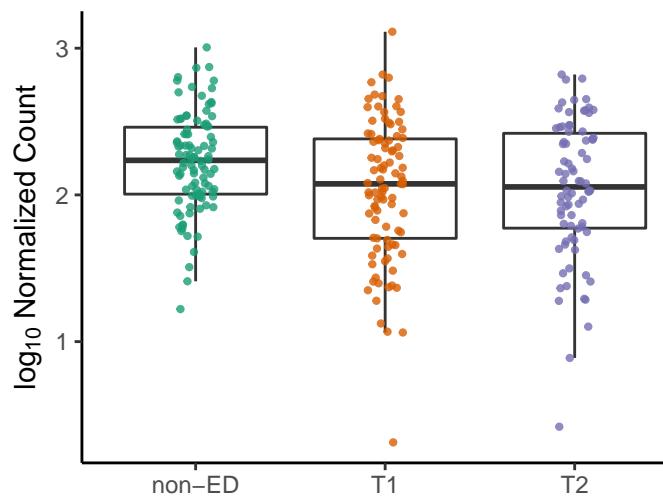
### *Streptomyces asterosporus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.63



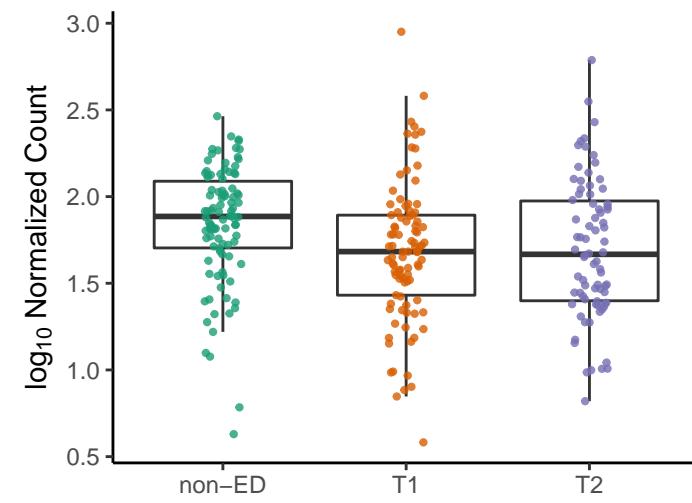
### *Bordetella hinzii*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



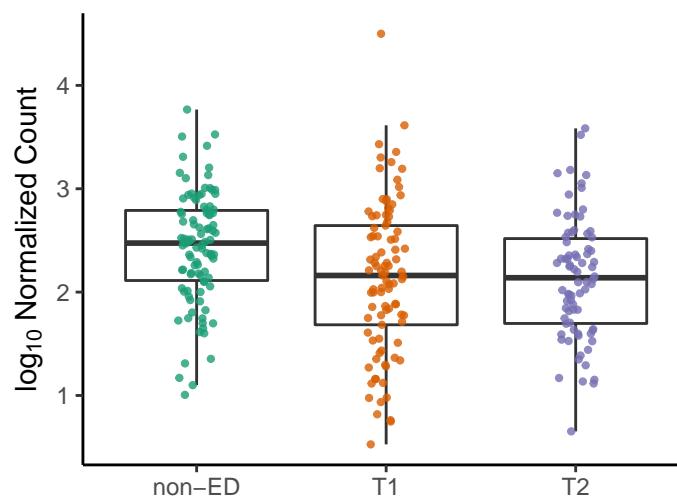
### *Legionella israelensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.82



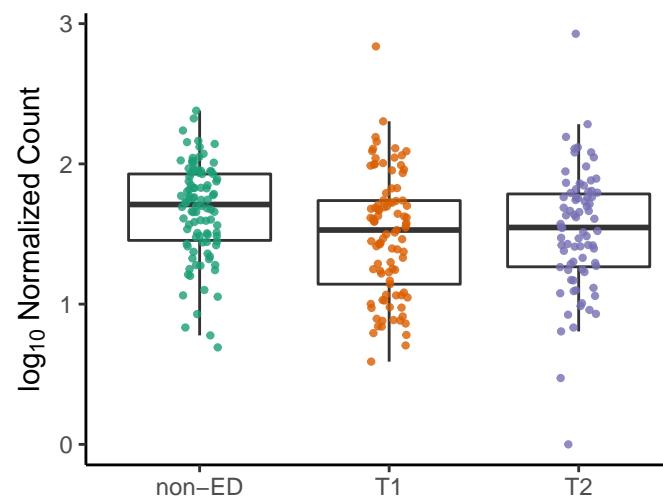
### *Streptococcus koreensis*

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



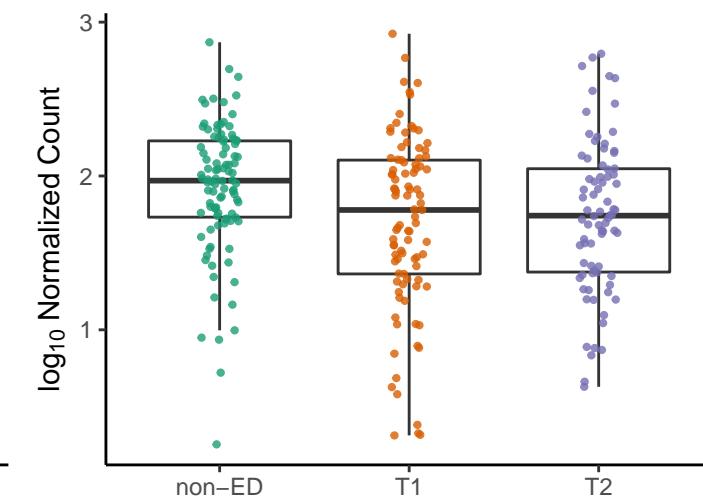
### *Candidatus Planktophila dulcis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.81



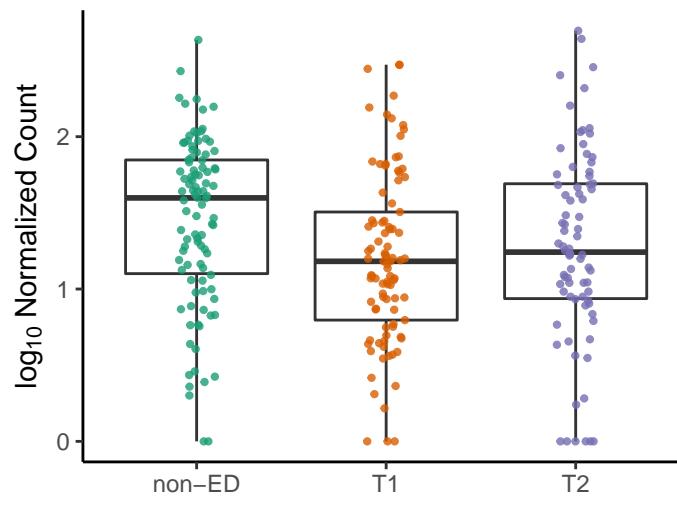
### *Lysobacter soli*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.67



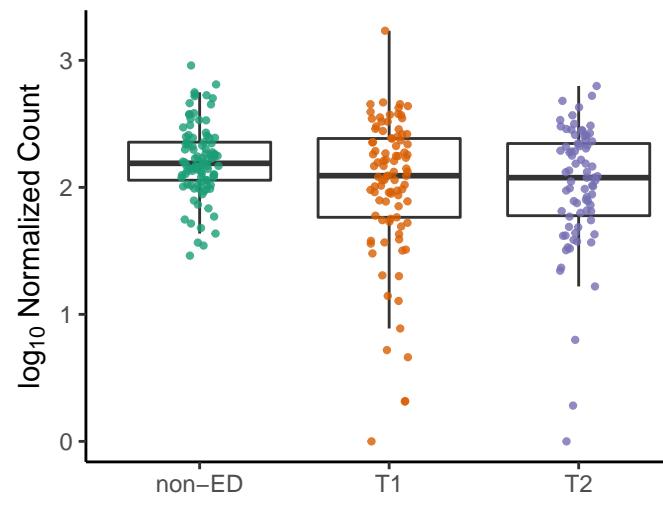
### *Haemophilus* sp. oral taxon 036

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.7



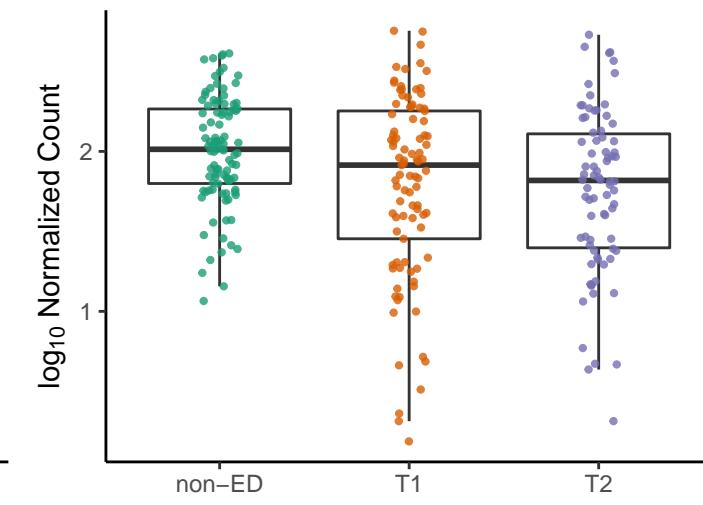
### *Massilia* sp. WG5

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



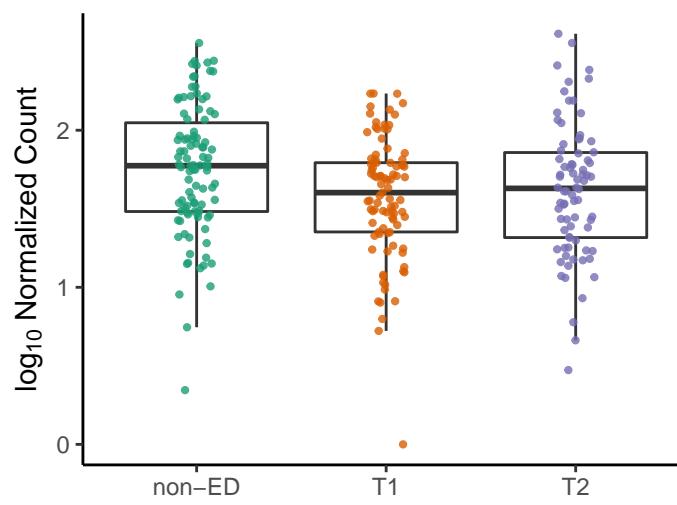
### *Halothiobacillus* sp. LS2

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



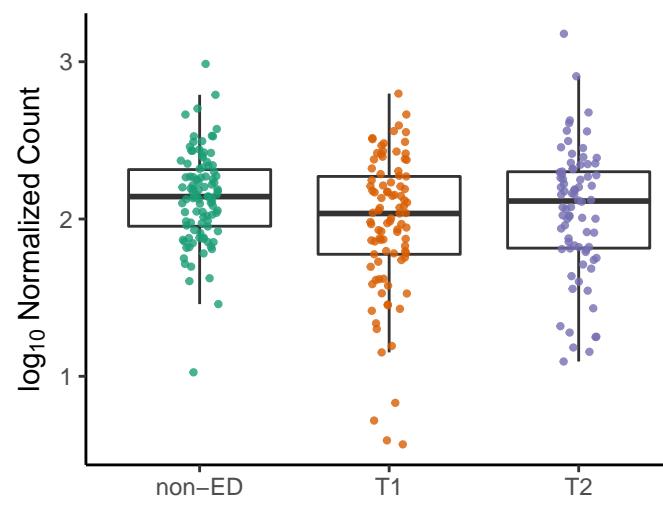
### *Xenorhabdus doucetiae*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.77



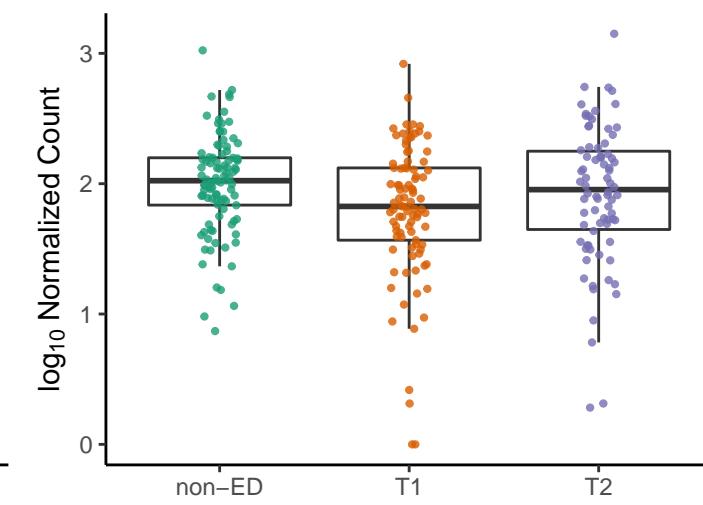
### *Acidobacterium capsulatum*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.55



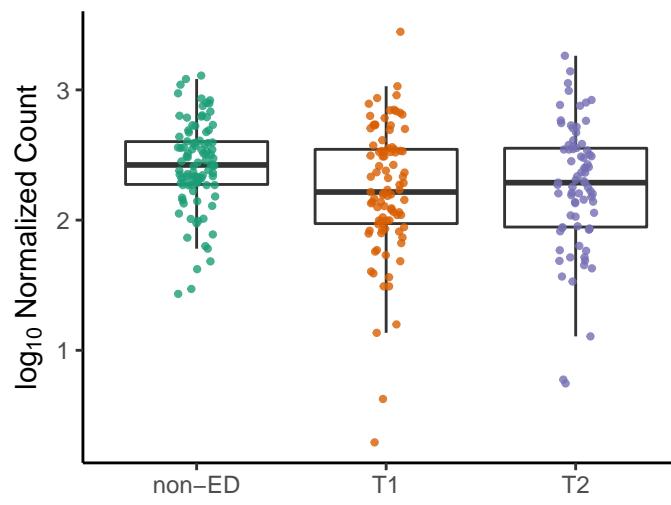
### *Mycolicibacter minnesotensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.55



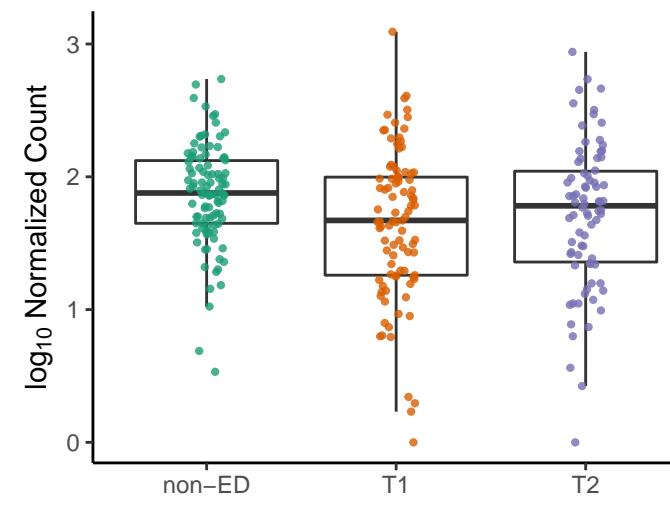
### *Kutzneria albida*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.73



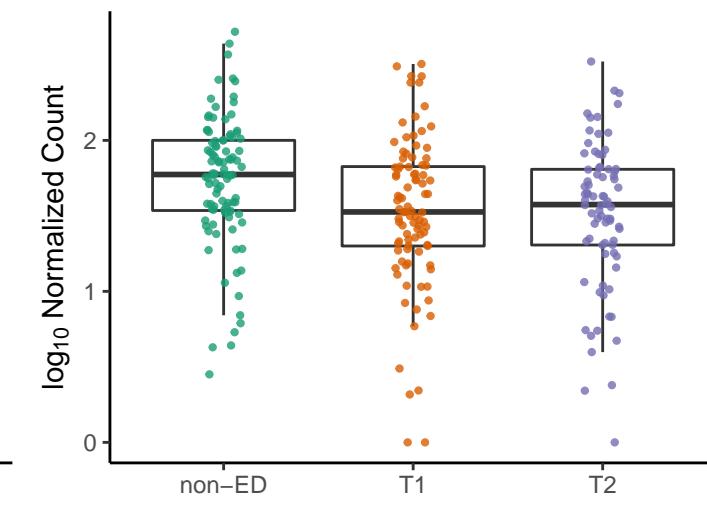
### *Cellulomonas sp. PSBB021*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.68



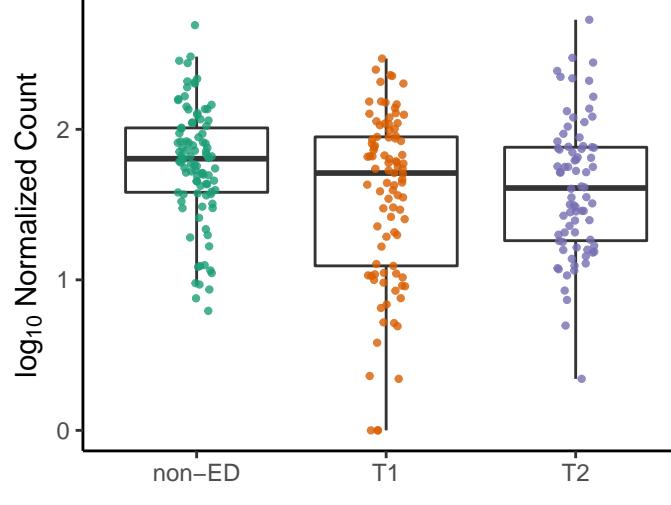
### *Arcobacter pacificus*

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



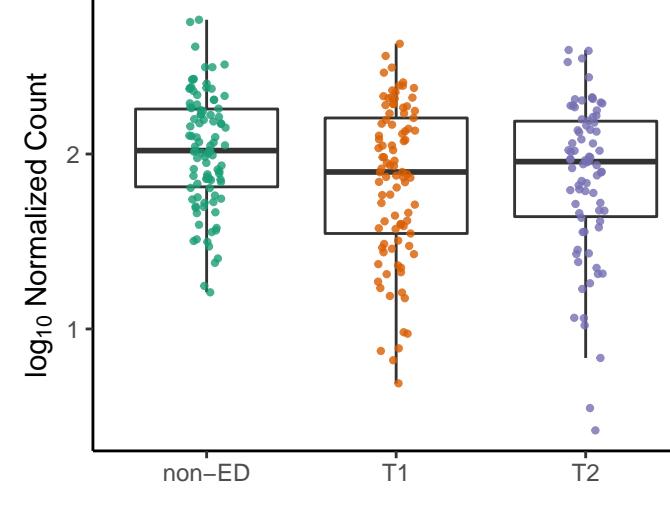
### *Mycobacterium heidelbergense*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.67



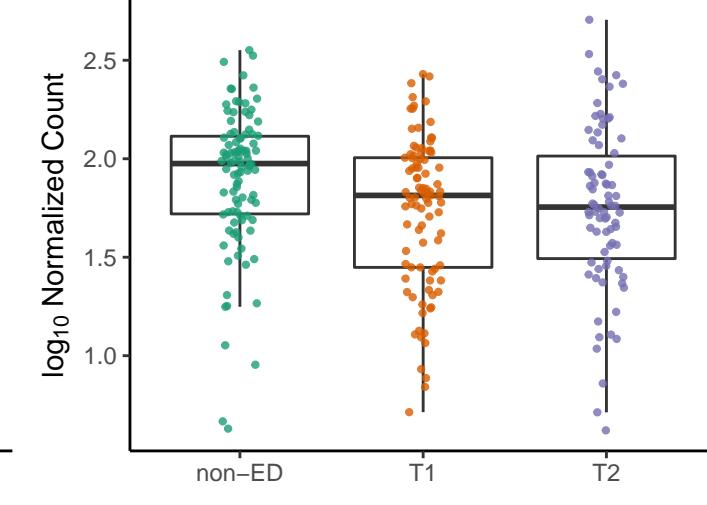
### *Aminobacter sp. MSH1*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.84



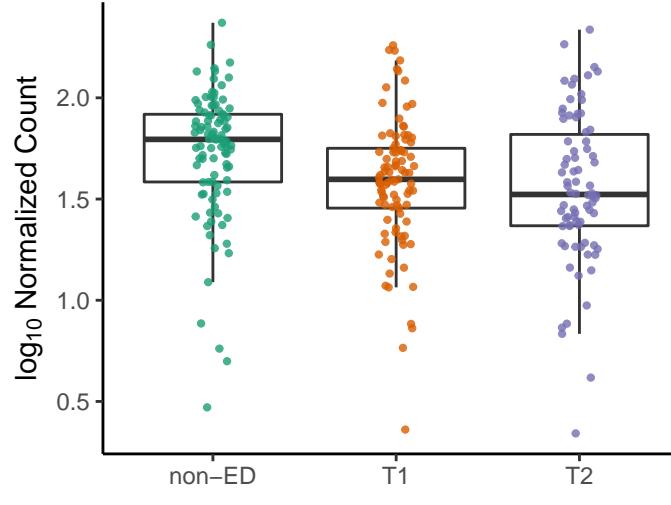
### *Alteromonas sp. RKMC-009*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.78



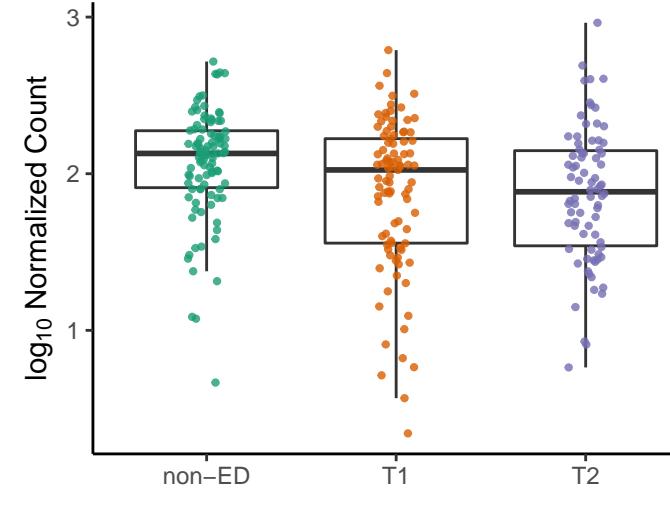
### *Pseudanabaena sp. ABRG5-3*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.79



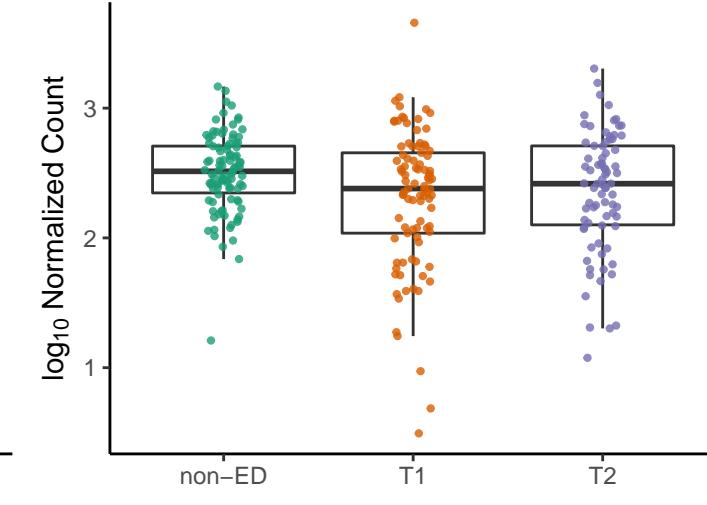
### *Planctomycetes bacterium I41*

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



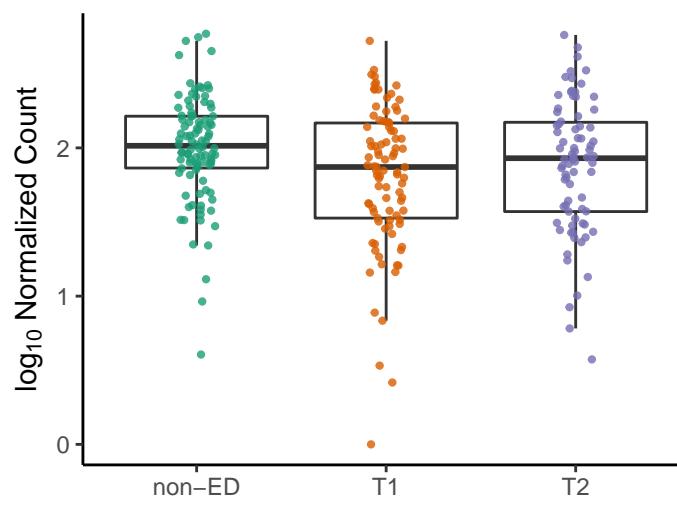
### *Streptomyces tsukubensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.67



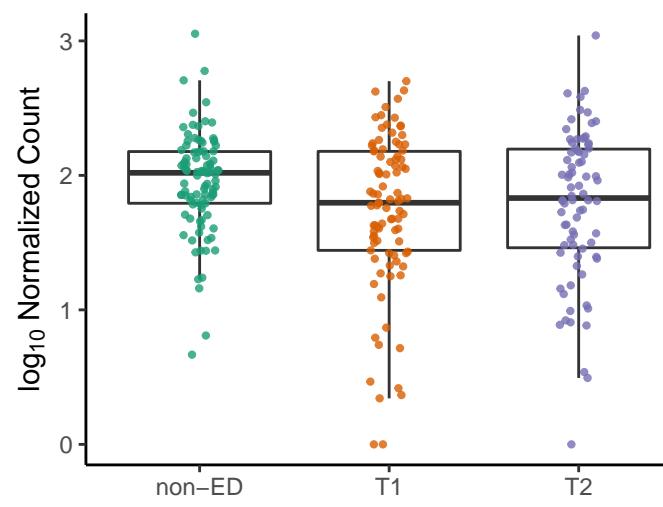
### *Sphingomonas koreensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.67



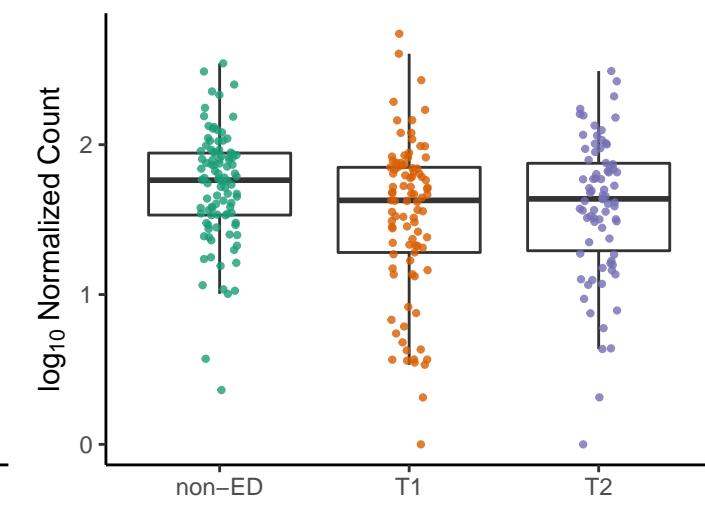
### *Pseudomonas rhizosphaerae*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.68



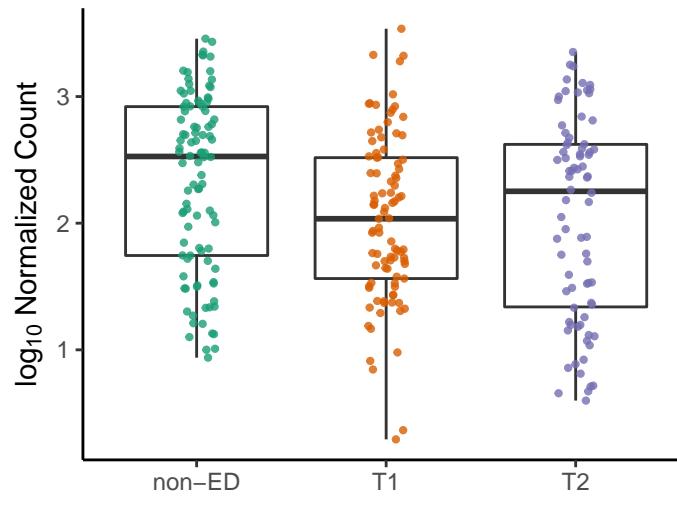
### *Spongiibacter* sp. IMCC21906

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.79



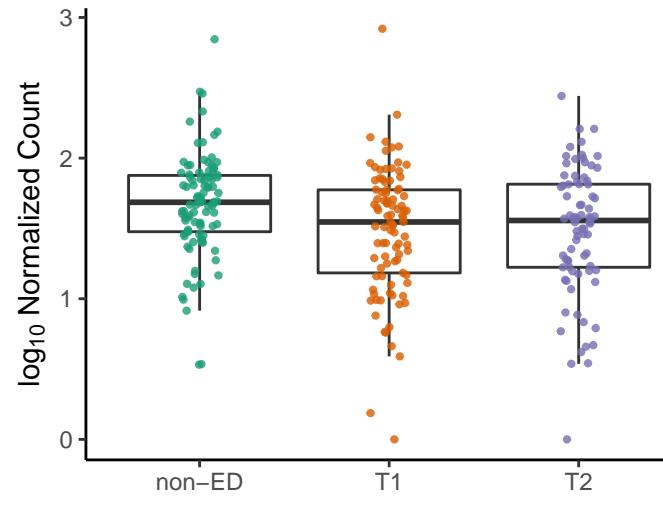
### Unclassified Bifidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.86



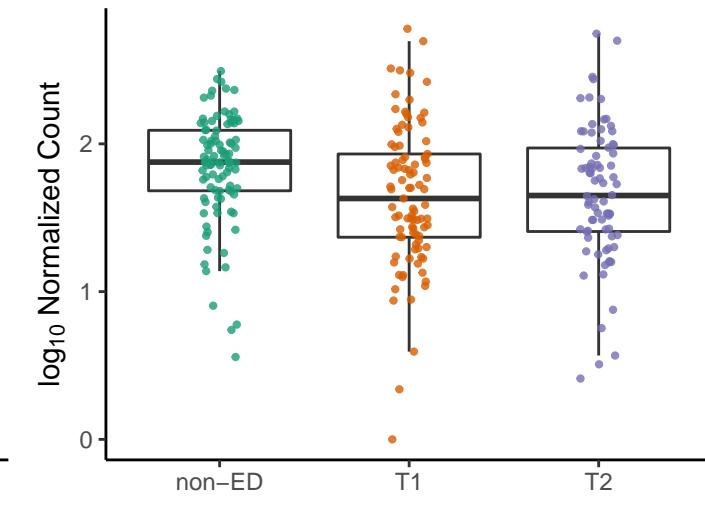
### *Corynebacterium glutamicum*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.94



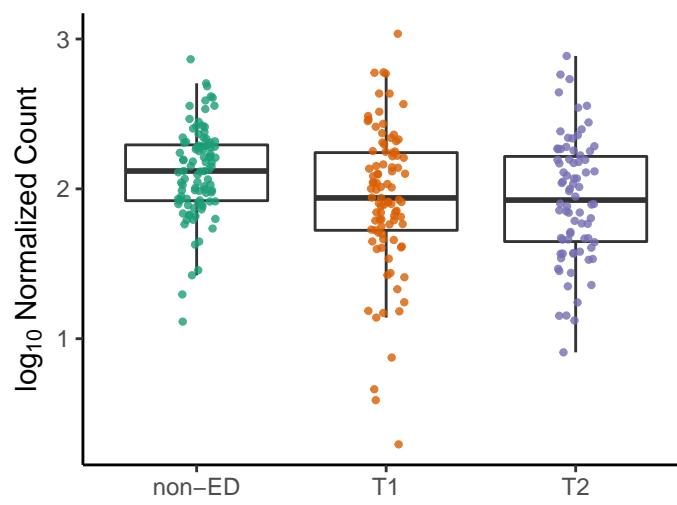
### *Jeotgalibaca arthritidis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.93



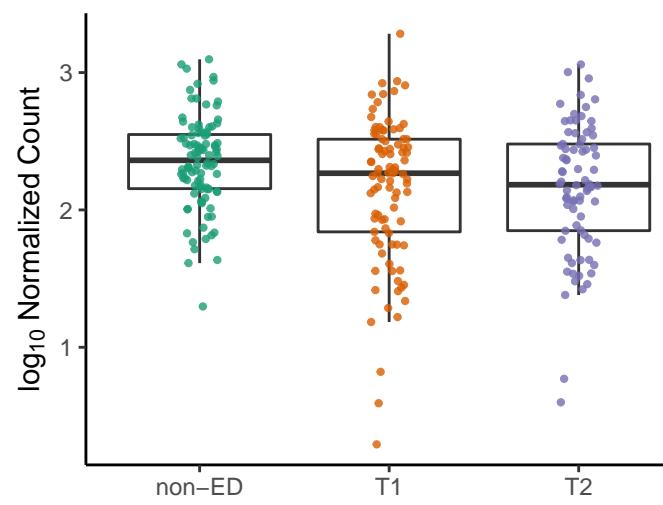
### *Egibacter rhizosphaerae*

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



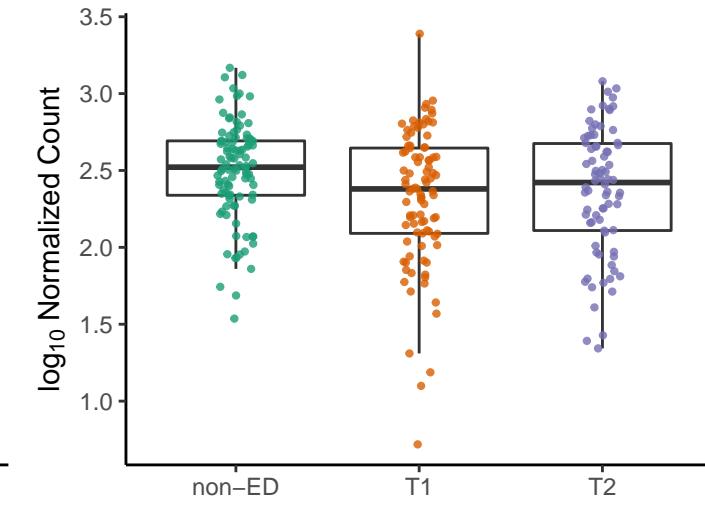
### *Pseudomonas citronellolis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.78



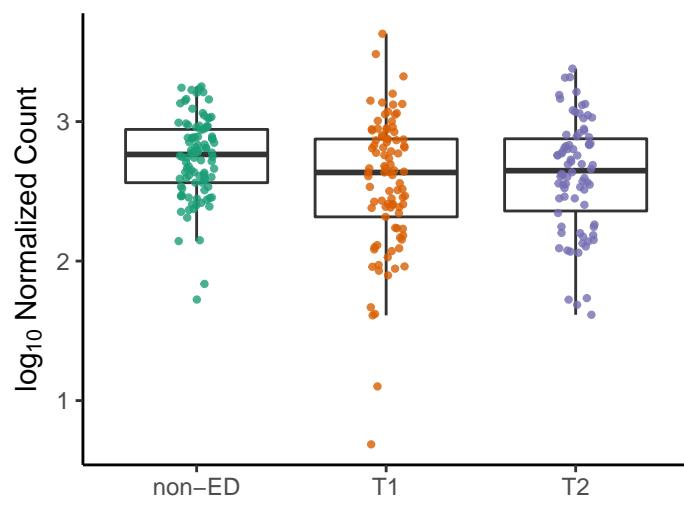
### Unclassified Alcaligenaceae Family

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.7



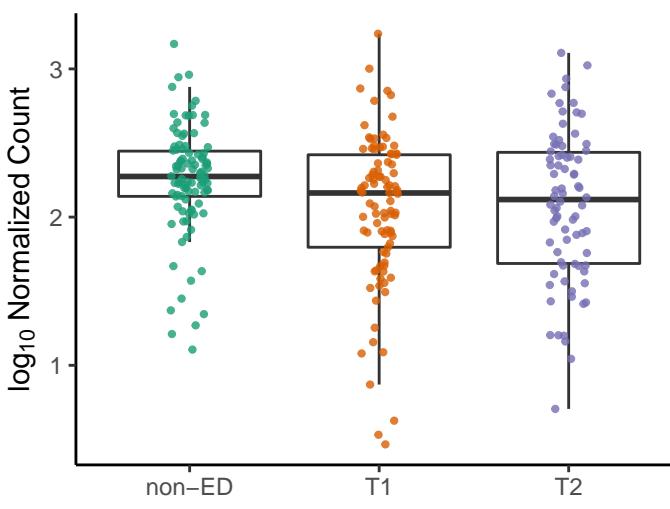
### Unclassified Micromonospora Genus

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.67



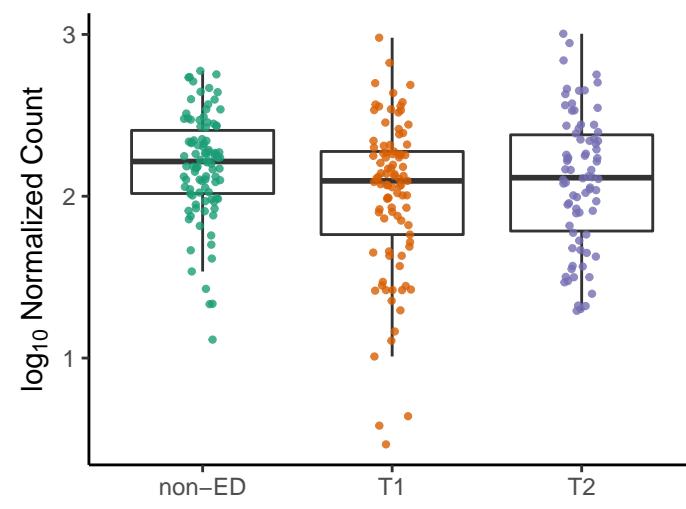
### *Massilia albidiflava*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.8



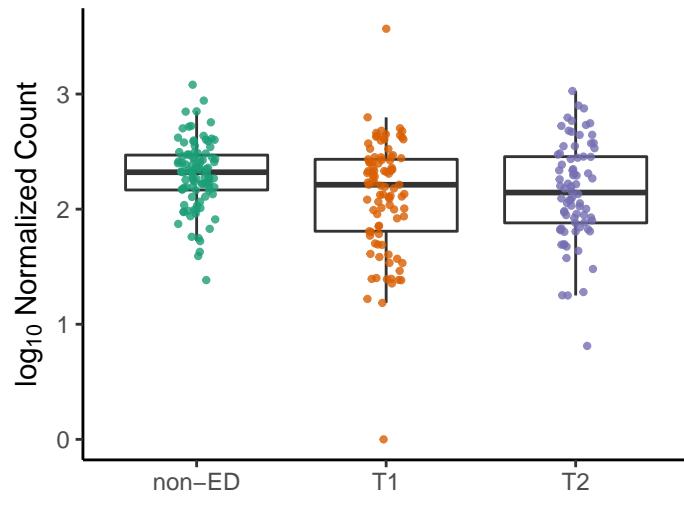
### *Streptomyces peucetius*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.61



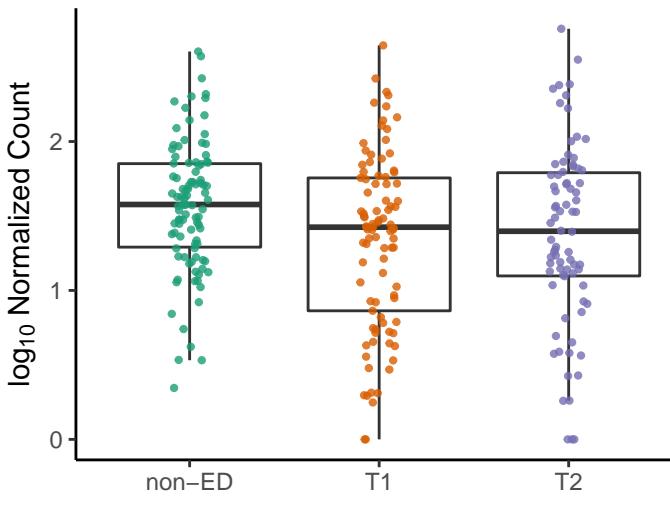
### *Vulgatibacter incomptus*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.7



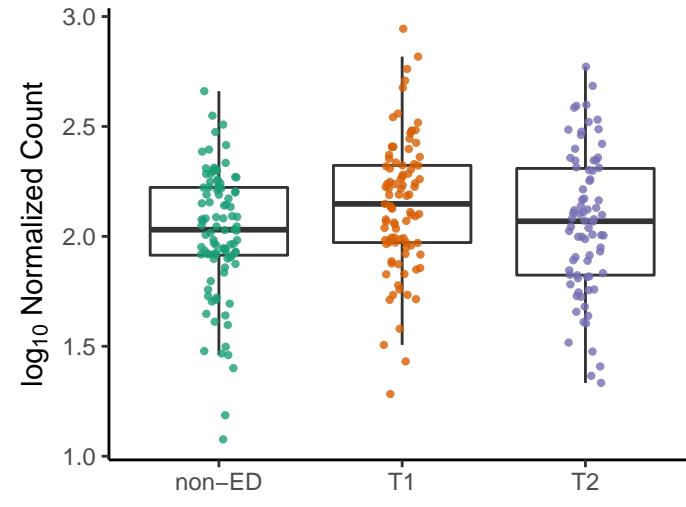
### *Brevundimonas* sp. SGAir0440

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.79



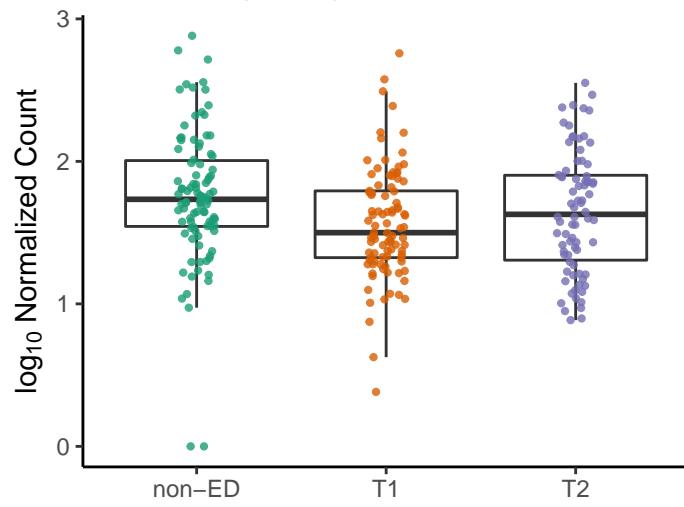
### *Pseudobacter ginsenosidimutans*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.48  
T1 vs. T2 adjusted p = 0.56



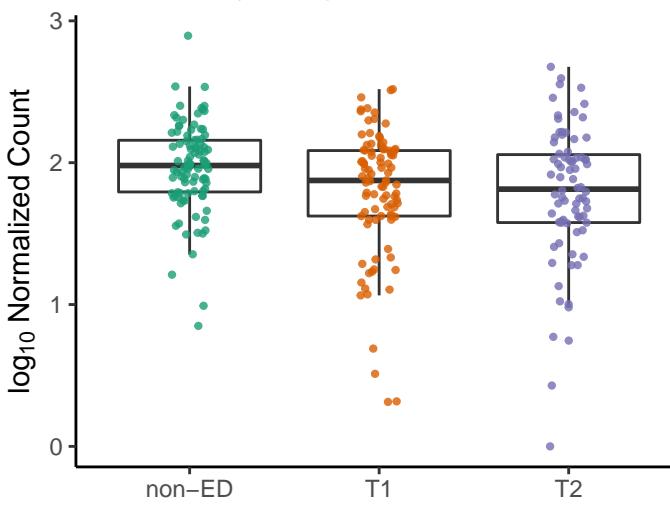
### *Thiomicrorhabdus indica*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.68



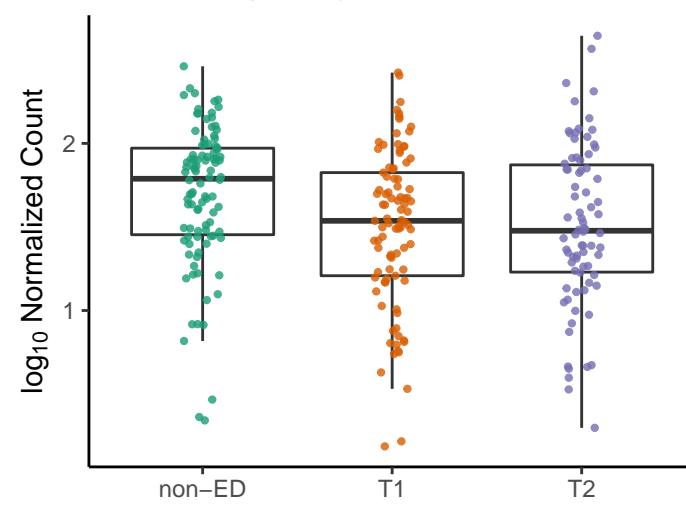
### *Paraburkholderia hospita*

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.96



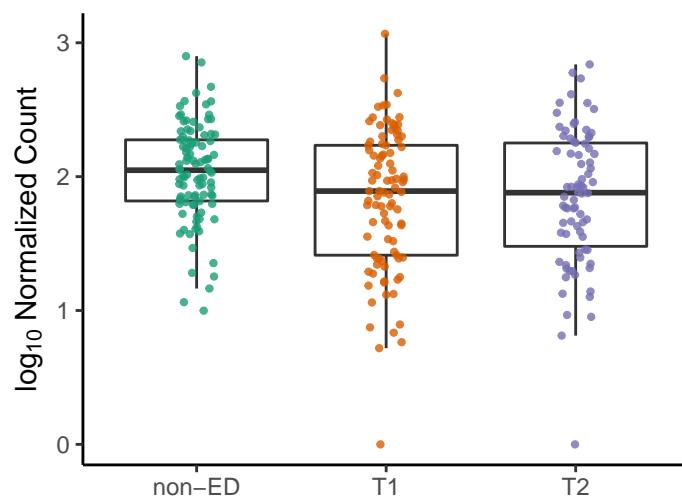
### *Oenococcus sicerae*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.87



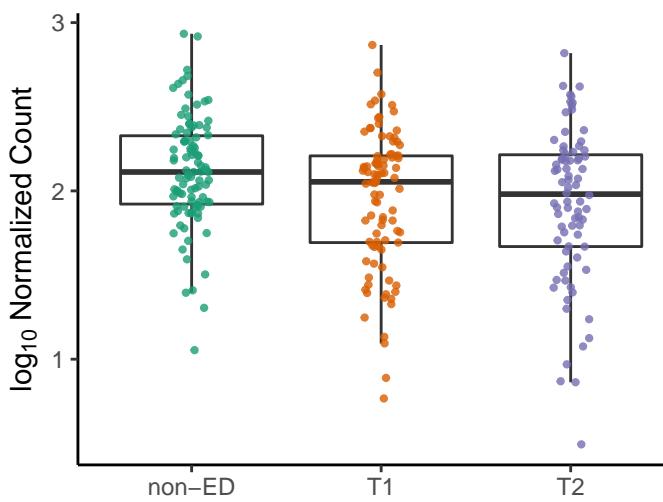
### Sanguibacter sp. HDW7

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.83



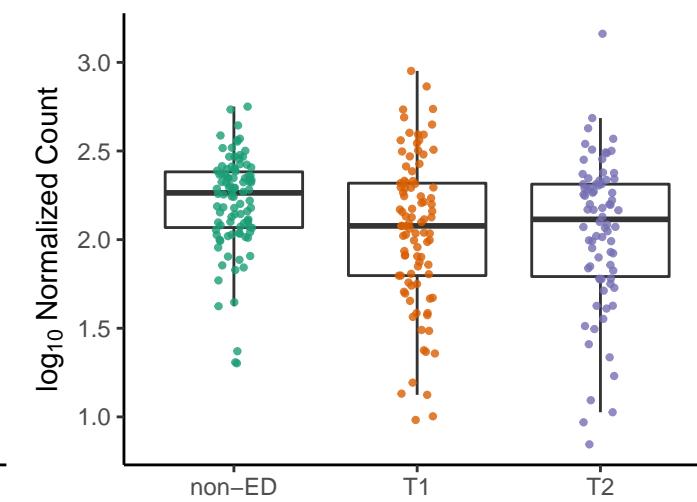
### Neisseria elongata

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



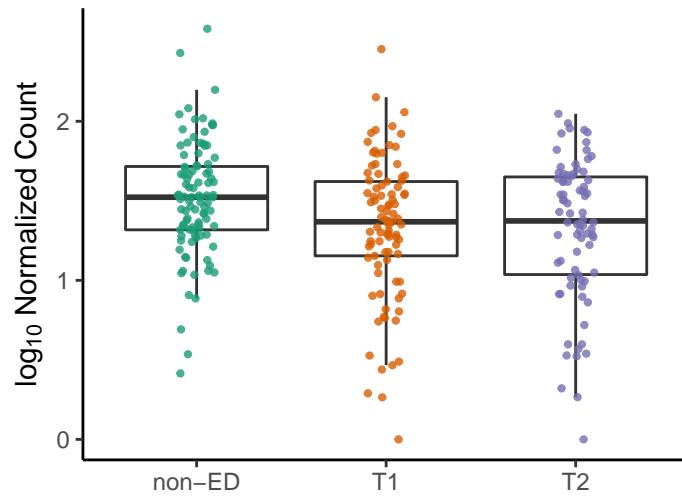
### Treponema sp. OMZ 804

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 1



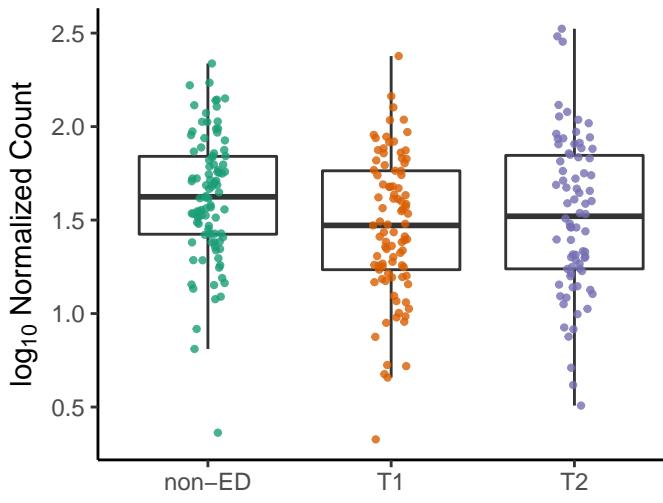
### Kangiella koreensis

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.94



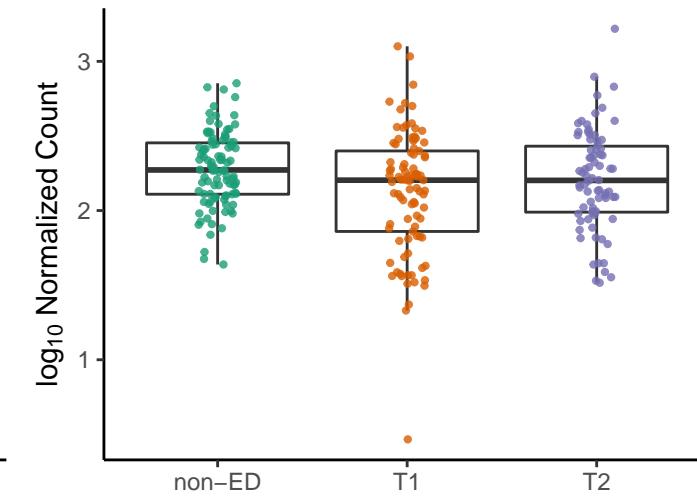
### Eremothecium cymbalariae

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.7



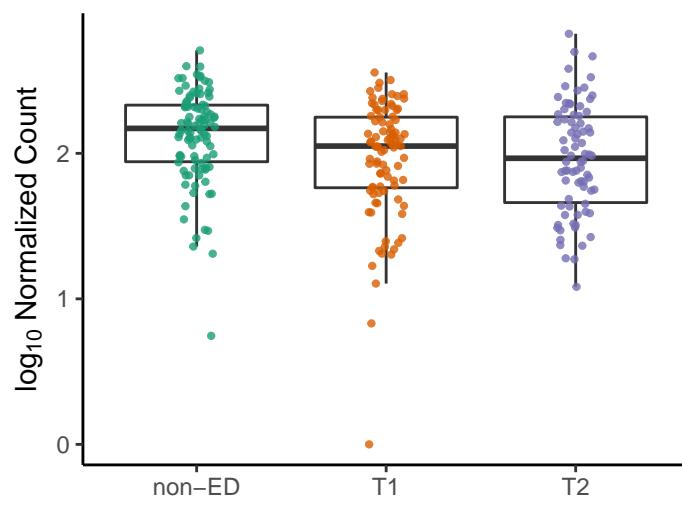
### Ochrobactrum anthropi

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.63



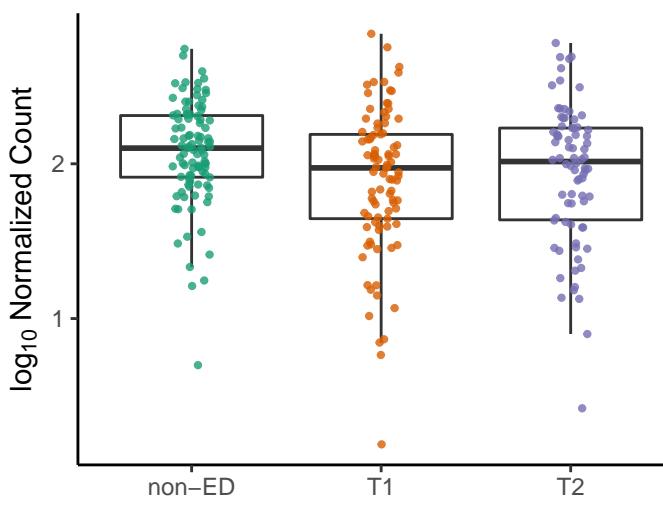
### Fusarium verticillioides

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.93



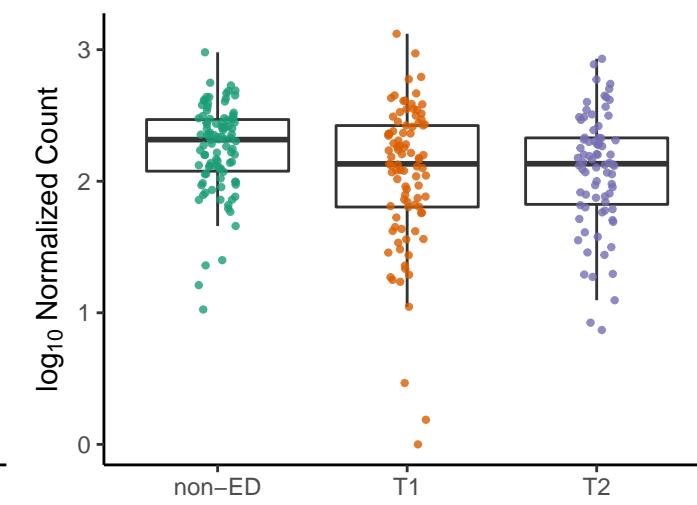
### Antarctobacter heliothermus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.72

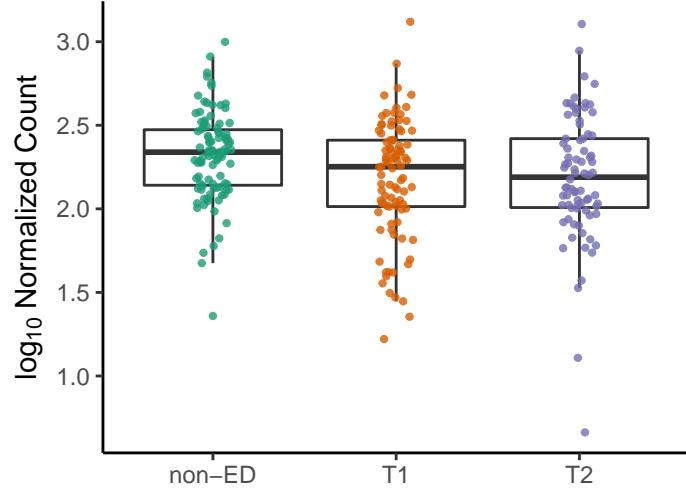


### Caulobacter flavus

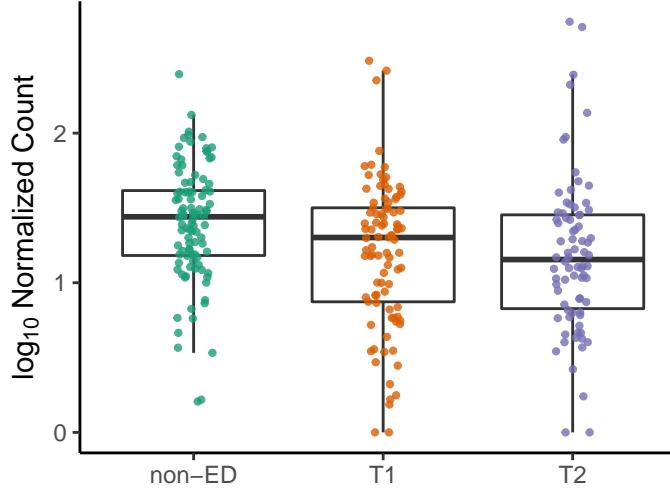
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.74



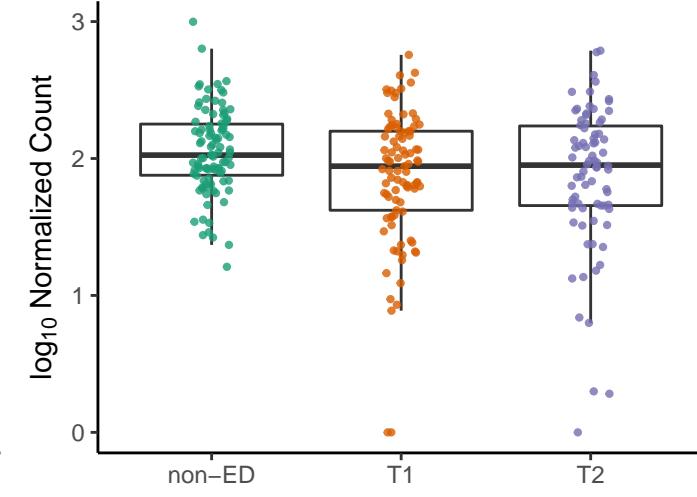
**Unclassified Exiguobacterium Genus**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.81



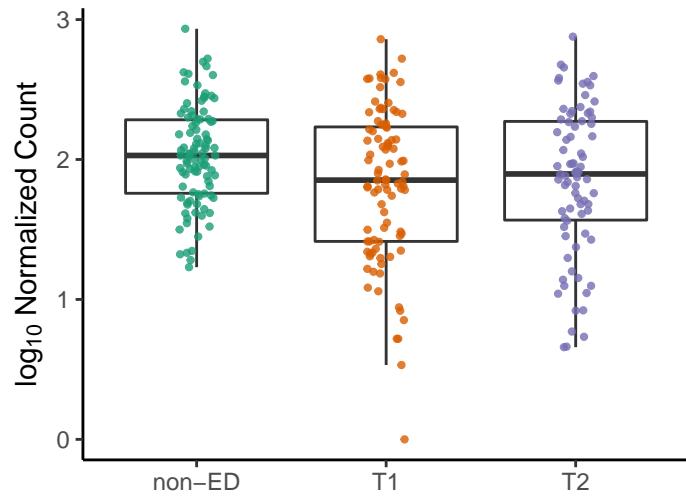
**Unclassified Chitinophaga Genus**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.86



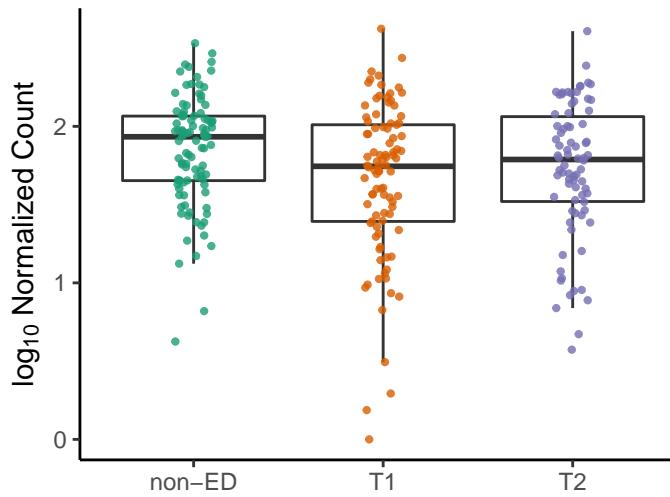
**Sphingobium sp. EP60837**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.9



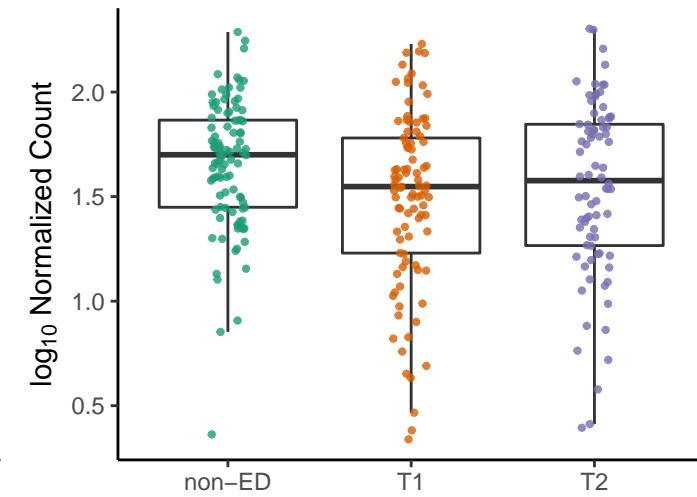
**Streptomyces sp. SAT1**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.71



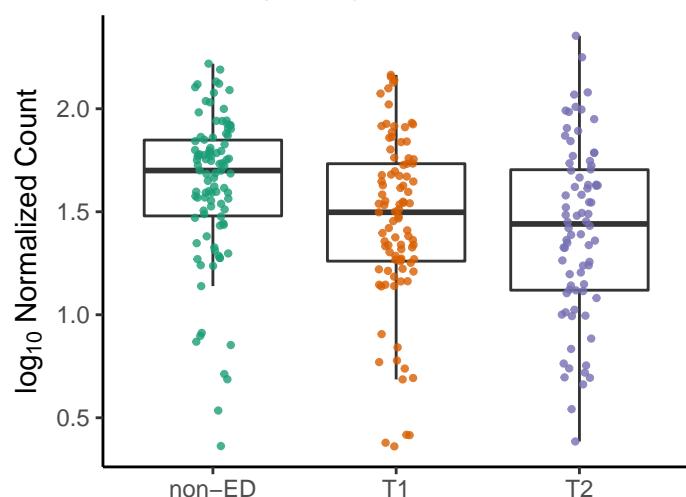
**Psychromicrobium lacuslunae**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.61



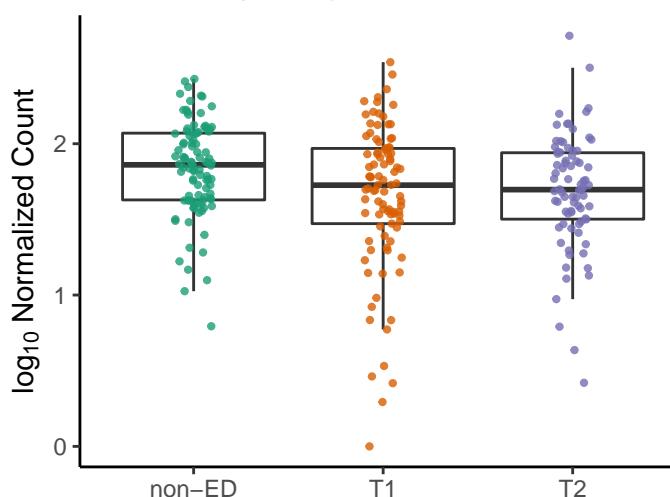
**Leptospira mayottensis**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.89



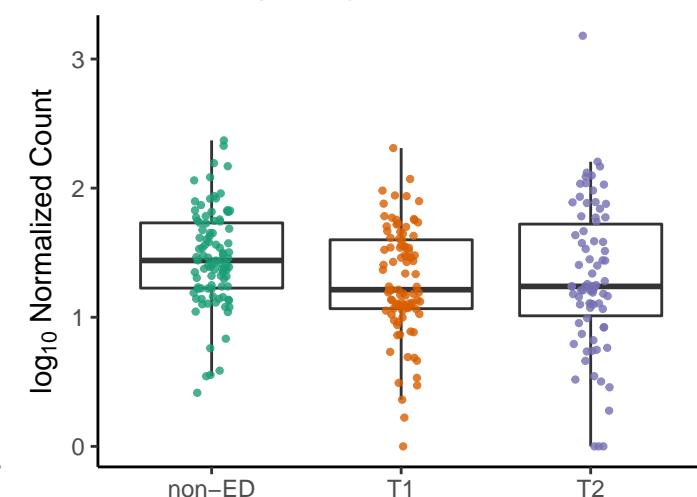
**Kangiella profundi**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.79



**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

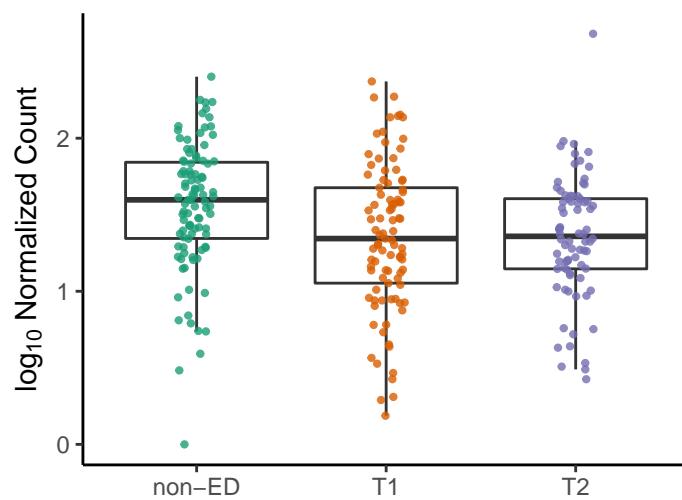


**Candidatus Nitrosoglobus terrae**  
 non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.79



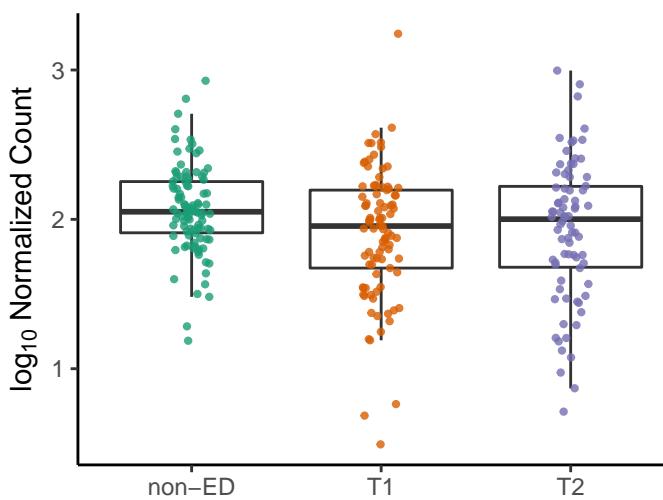
### *Yersinia similis*

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



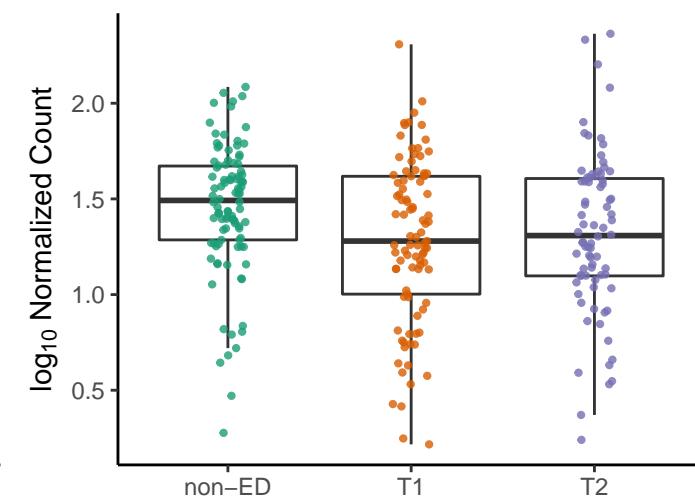
### *Burkholderia glumae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.71



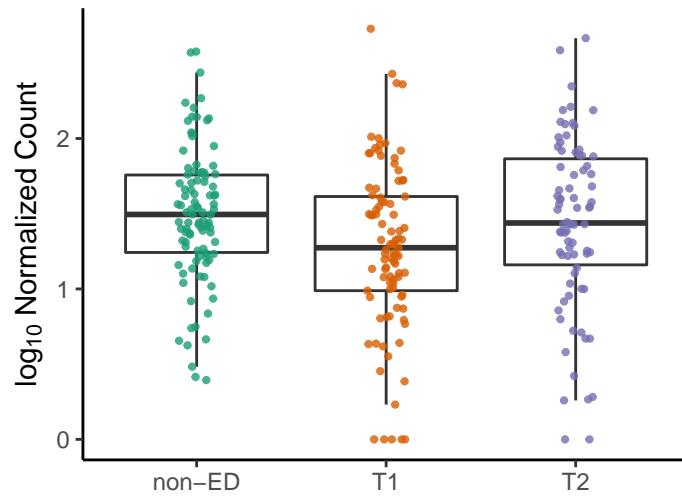
### *Shewanella* sp. SNU WT4

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.88



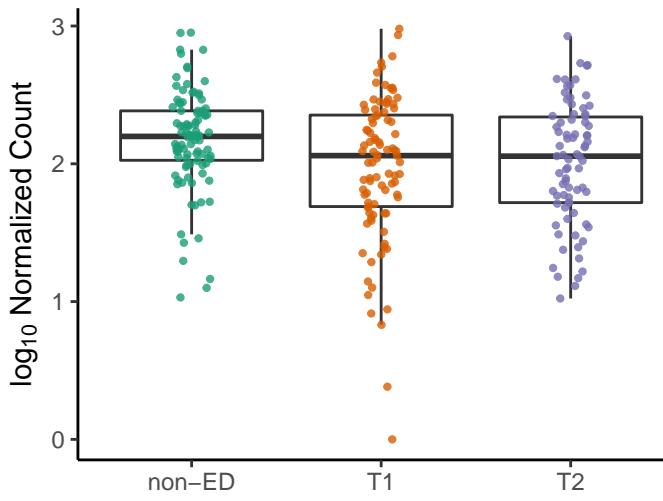
### *Burkholderia* sp. BDU6

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.54  
 T1 vs. T2 adjusted p = 0.27



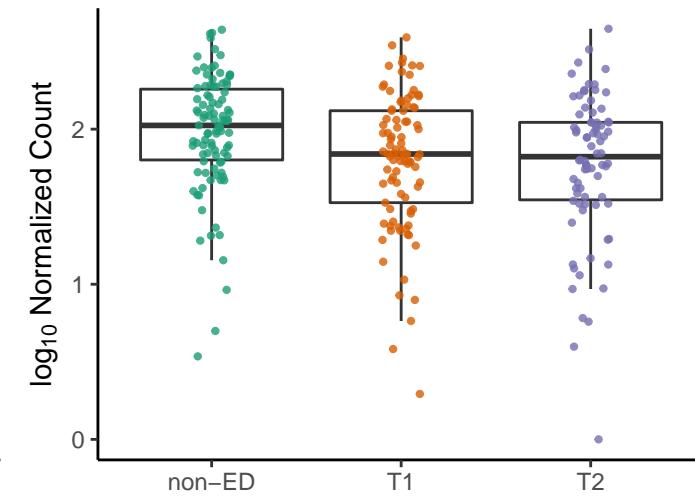
### *Polaromonas* sp. JS666

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.77



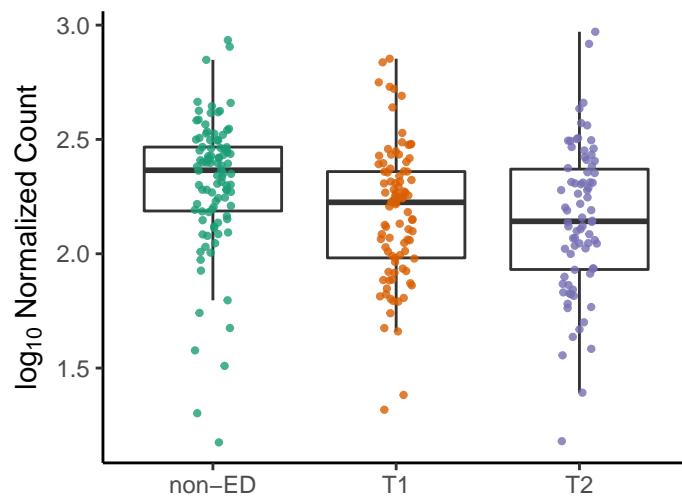
### *Aquitalea magnusonii*

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



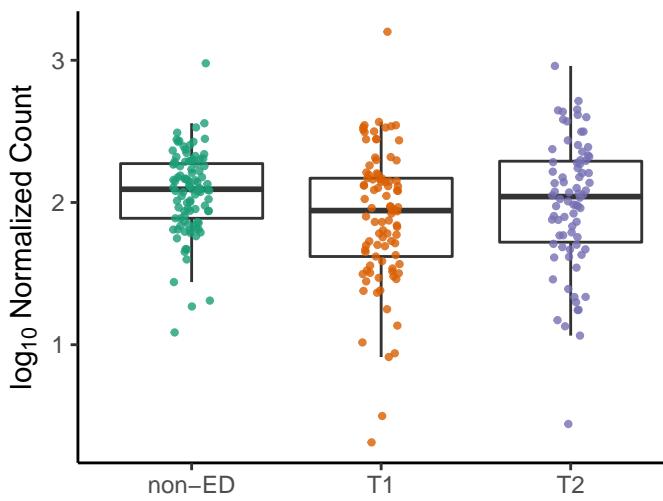
### *Bacillus paralicheniformis*

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



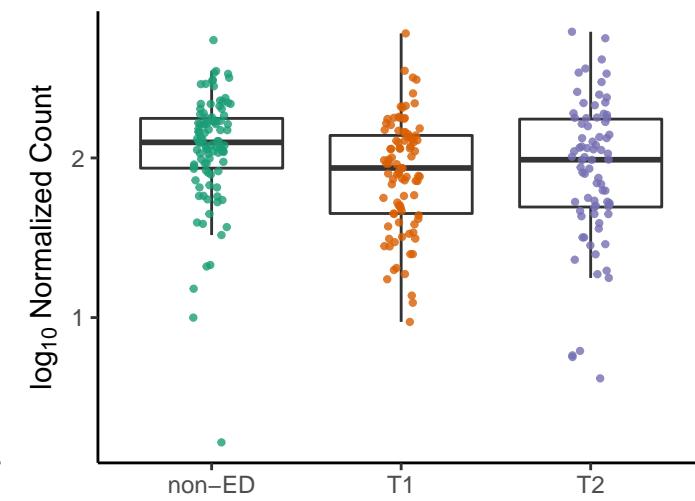
### *Brevundimonas subvibrioides*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.36



### *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

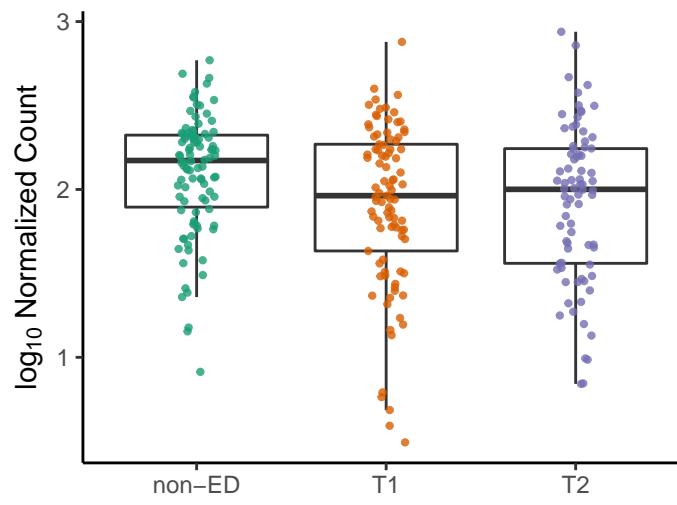


### *Novosphingobium resinovorum*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.03

T1 vs. T2 adjusted p = 0.84

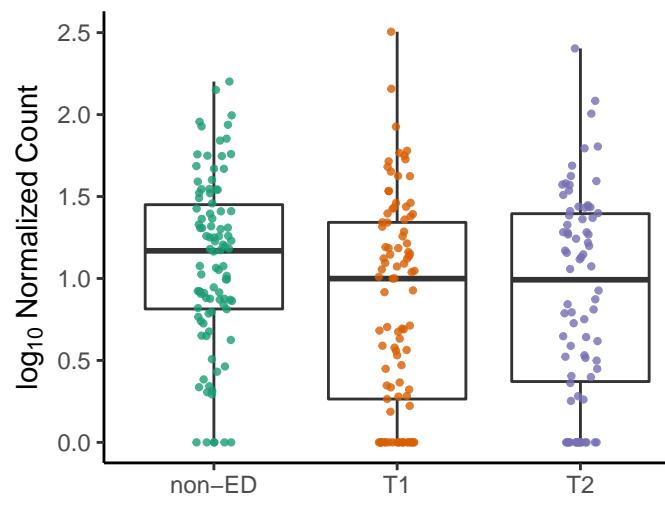


### *Ralstonia pseudosolanacearum*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.064

T1 vs. T2 adjusted p = 0.8

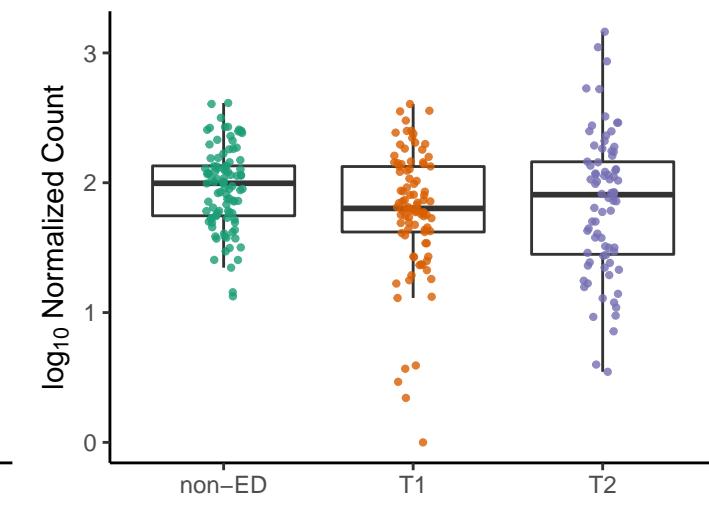


### *Rhodococcus rhodochrous*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.14

T1 vs. T2 adjusted p = 0.67

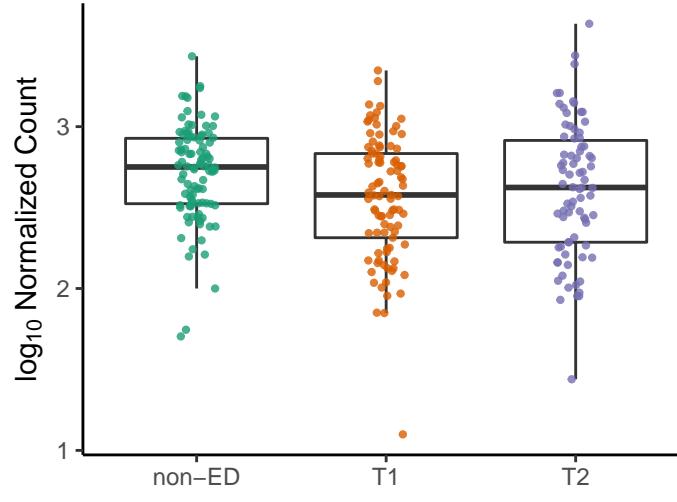


### *Thermobacillus composti*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.15

T1 vs. T2 adjusted p = 0.69

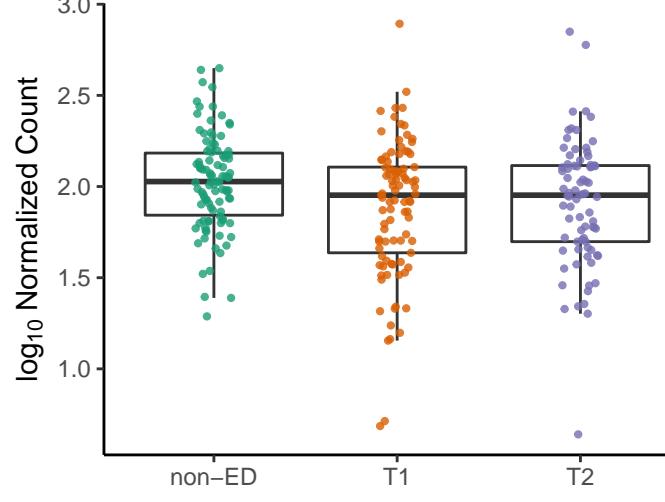


### Unclassified Corynebacteriaceae Famil

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.055

T1 vs. T2 adjusted p = 0.75

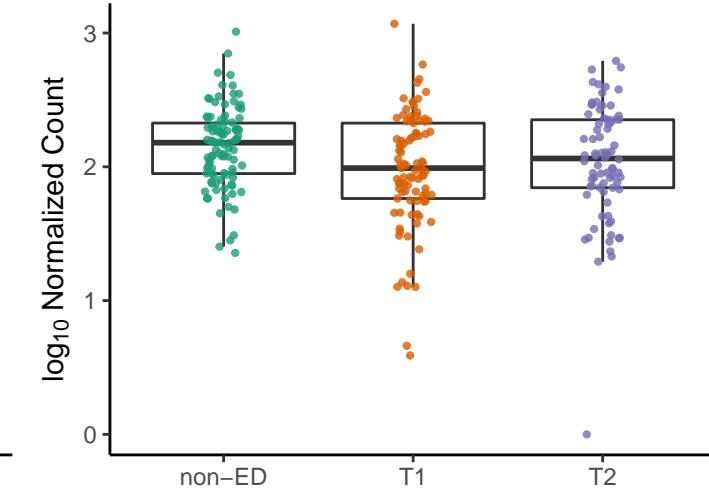


### *Achromobacter insolitus*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.13

T1 vs. T2 adjusted p = 0.67

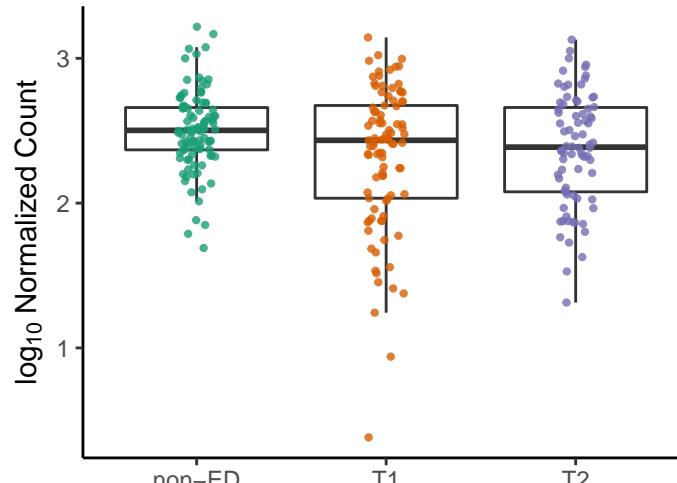


### *Geobacter sp. FeAm09*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.052

T1 vs. T2 adjusted p = 0.7

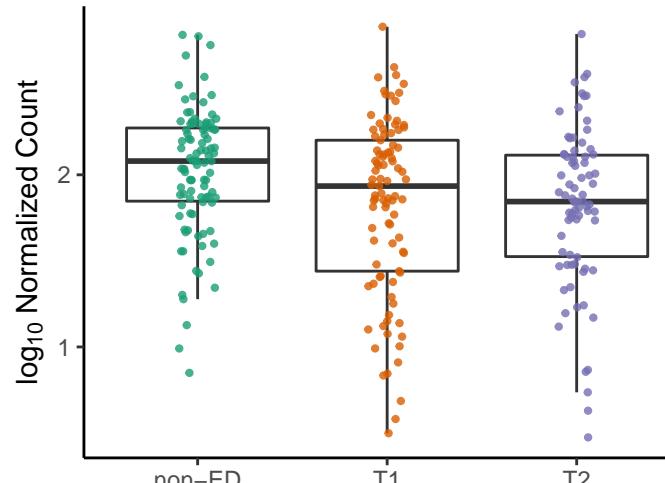


### *Streptomyces katrae*

non-ED vs. T1 adjusted p = 0.018

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.96

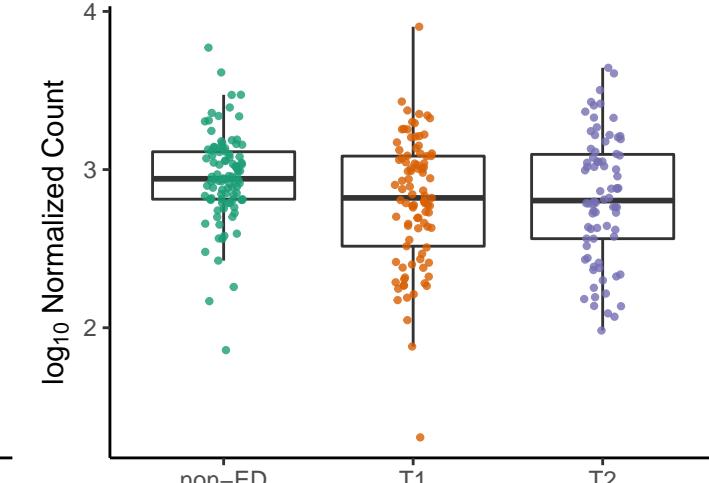


### Unclassified Rhodococcus Genus

non-ED vs. T1 adjusted p = 0.018

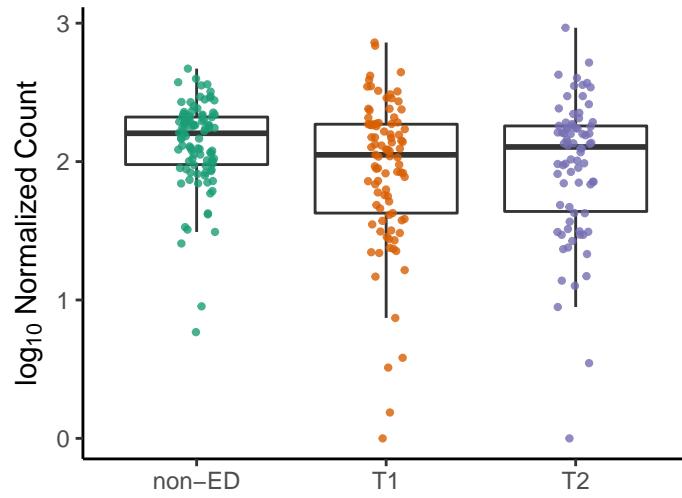
non-ED vs. T2 adjusted p = 0.046

T1 vs. T2 adjusted p = 0.74



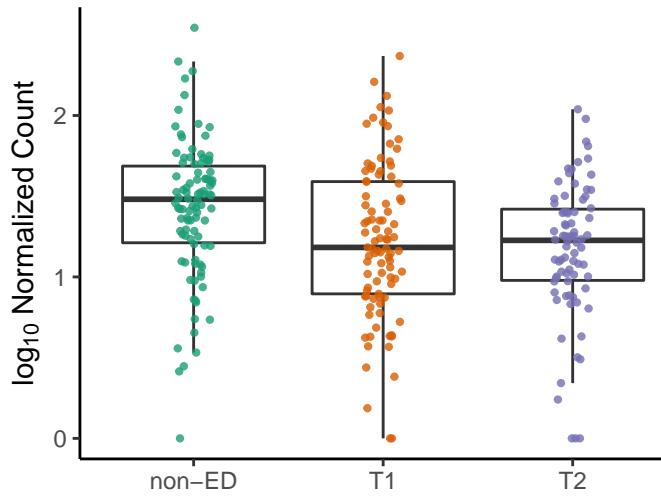
### *Halovulum dunhuangense*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.78



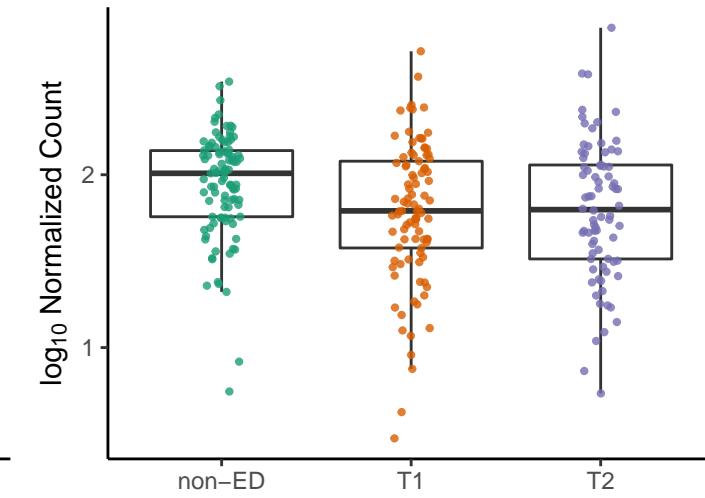
### *Methanococcus aeolicus*

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



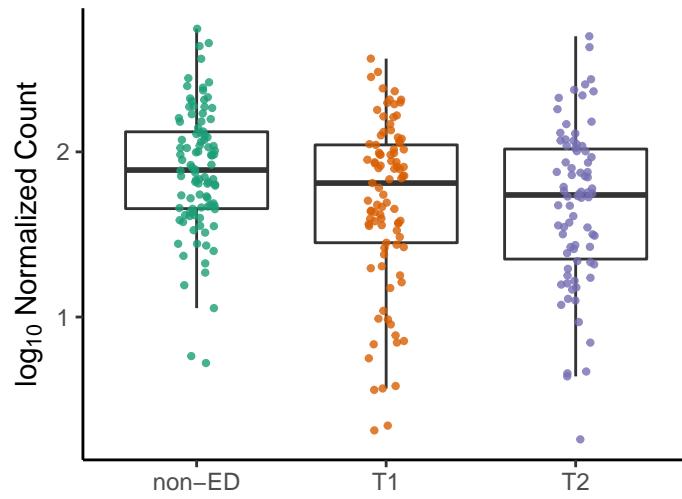
### *Rhizobium favelukesii*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.77



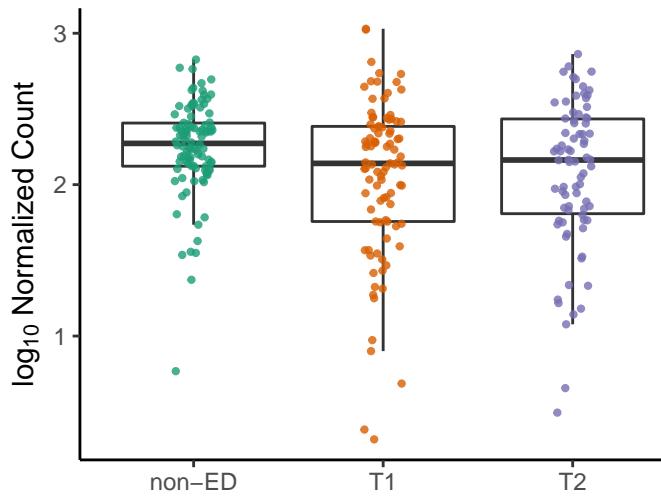
### *Streptomyces* sp. 769

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



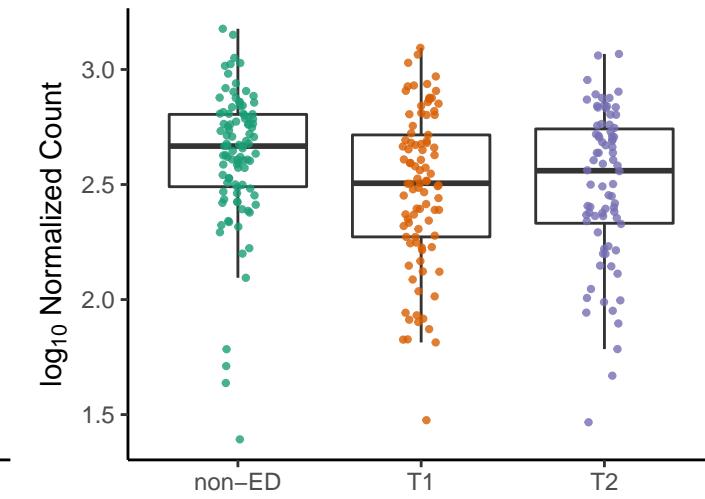
### *Deinococcus* sp. AJ005

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.87



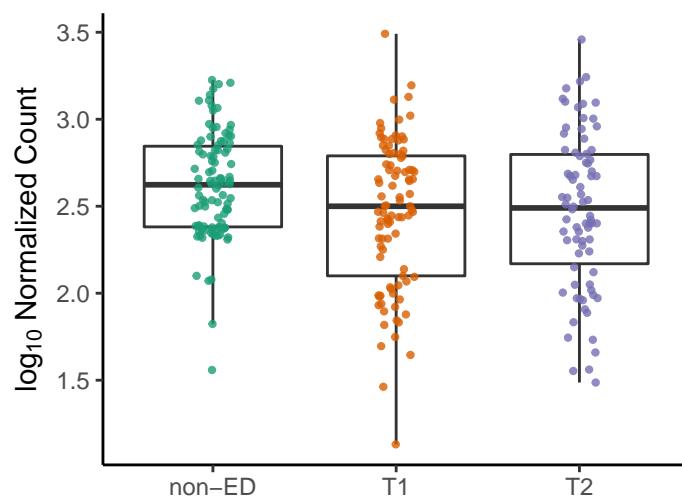
### *Paenibacillus physcomitrellae*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



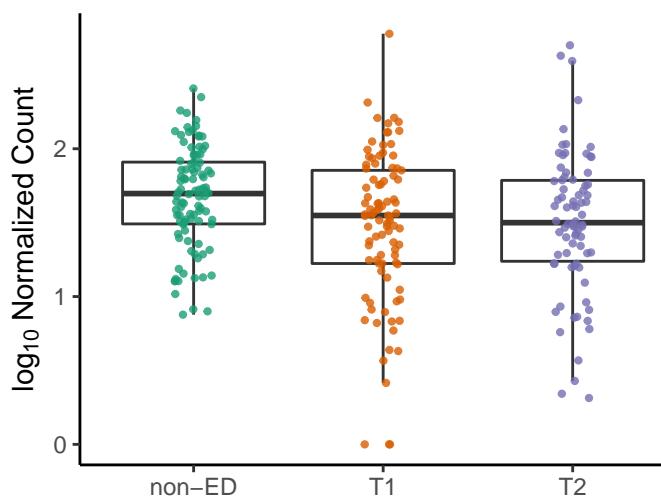
### *Archangium* gephyra

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.76



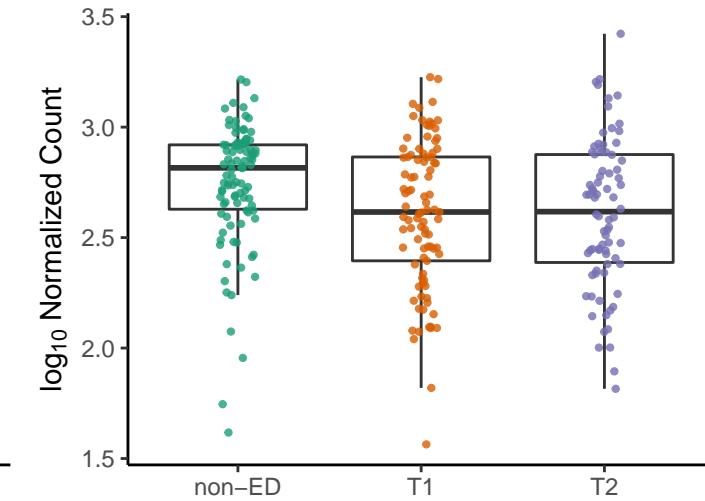
### *Bermanella marisrubri*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.97



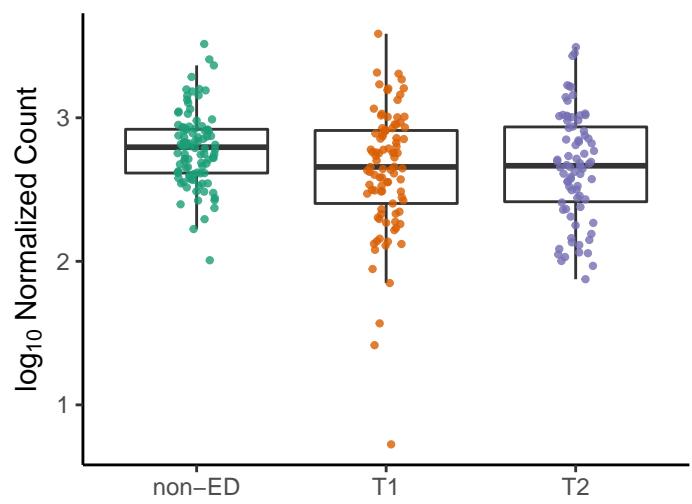
### *Clostridium* sp. BNL1100

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.98



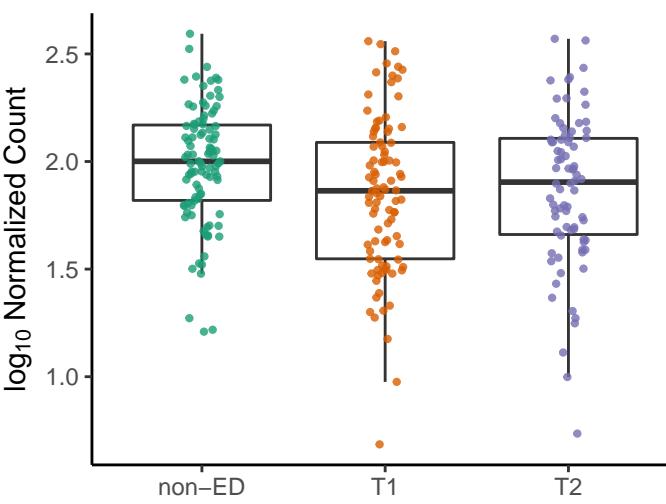
### Unclassified Xanthomonas Genus

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.73



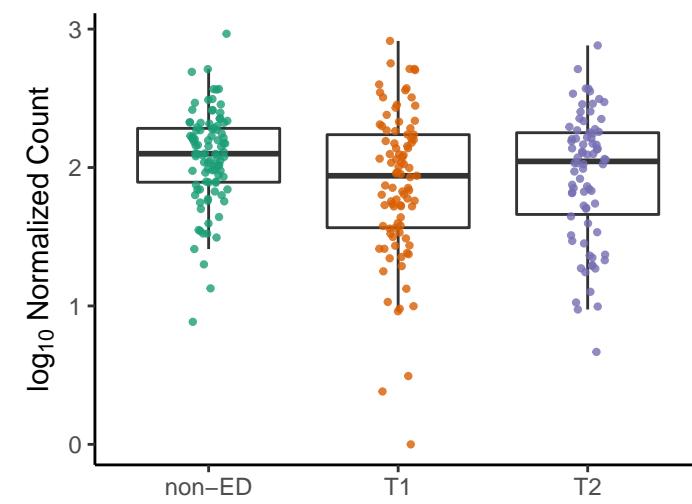
### Desulfotalea psychrophila

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.77



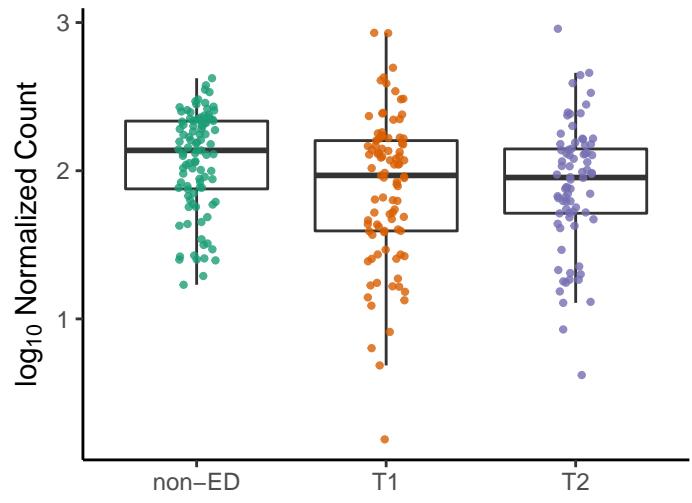
### Pseudomonas monteilii

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.7



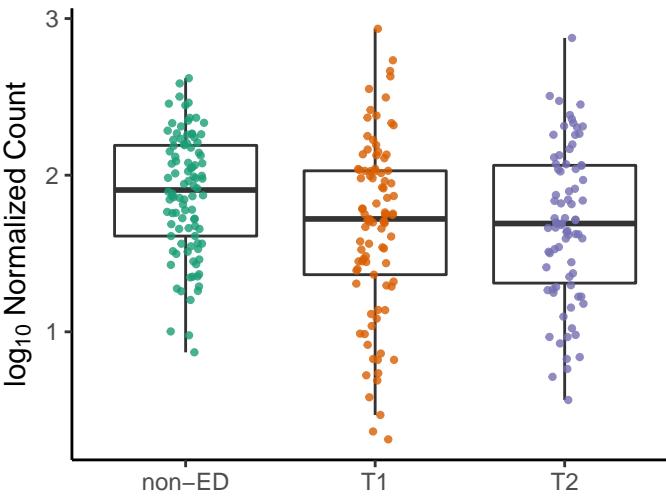
### Massilia plicata

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.83



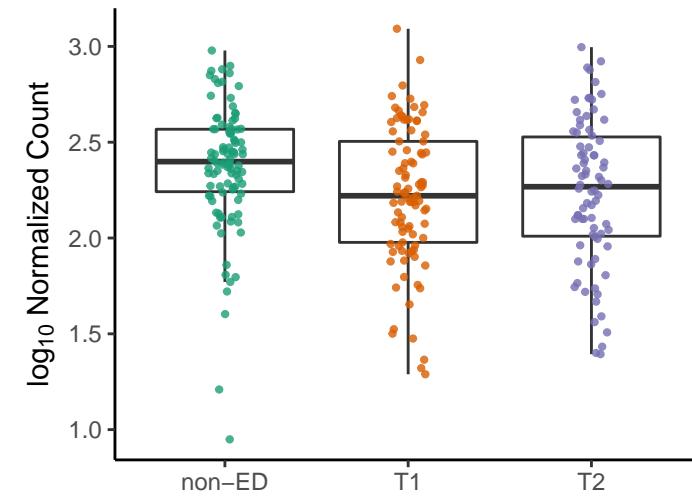
### Mycolicibacterium moriokaense

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.77



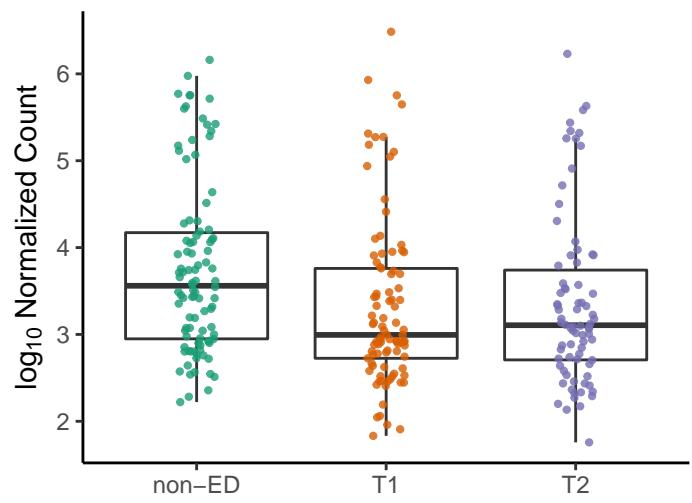
### Unclassified Edwardsiella Genus

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.74



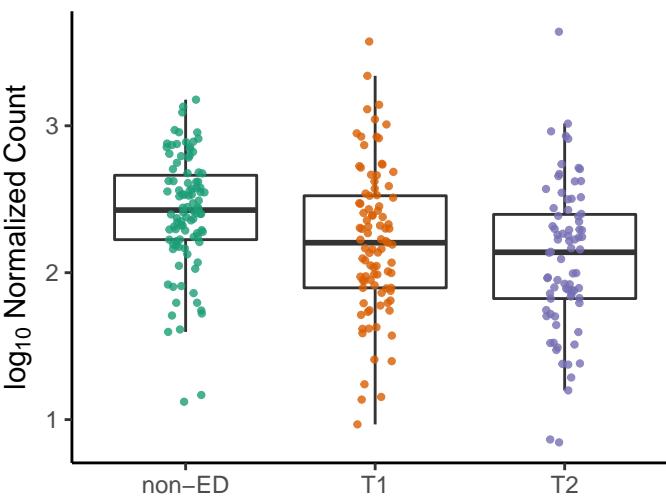
### Bifidobacterium bifidum

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



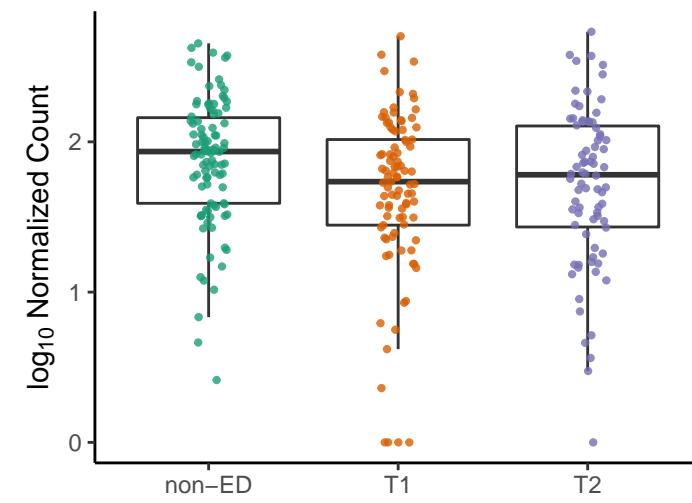
### Gemella morbillorum

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



### 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

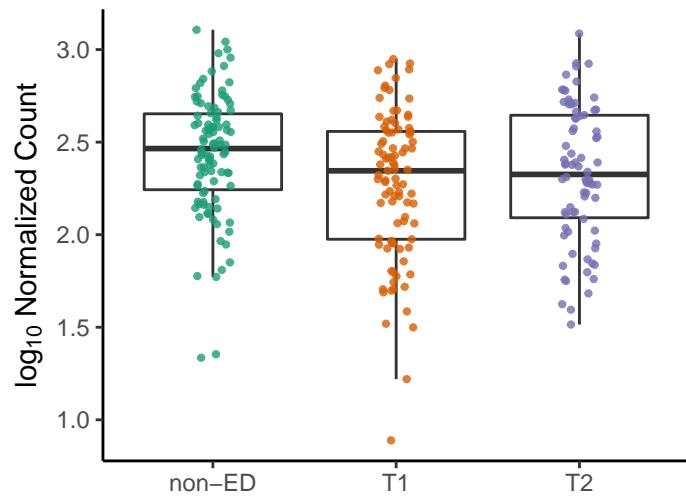


### *Candidatus Solibacter usitatus*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.67

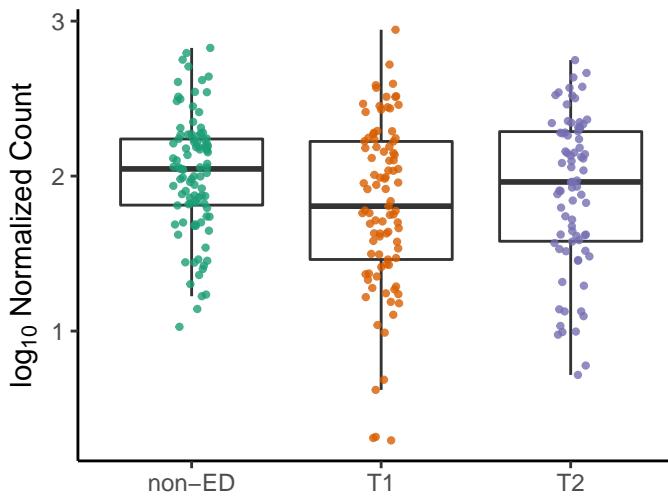


### *Corynebacterium doosanense*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.18

T1 vs. T2 adjusted p = 0.49

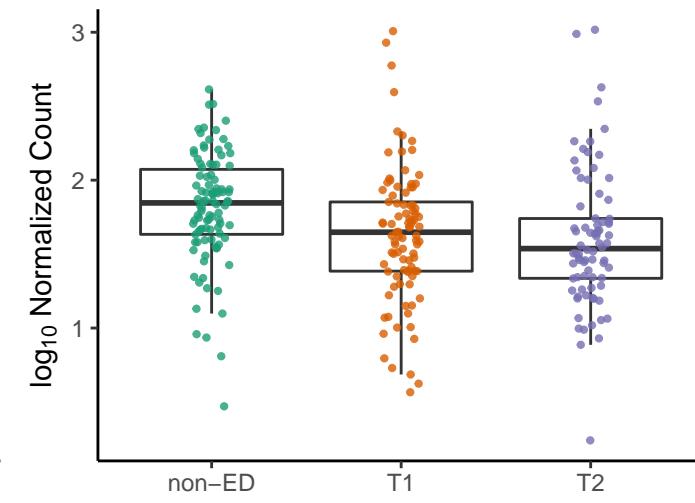


### *Beggiatoa leptomitiformis*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.96

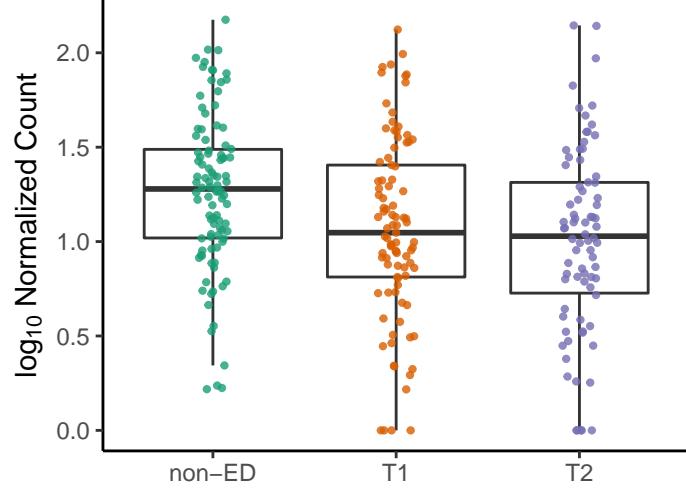


### *Mycoplasma gallisepticum*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.0047

T1 vs. T2 adjusted p = 0.82

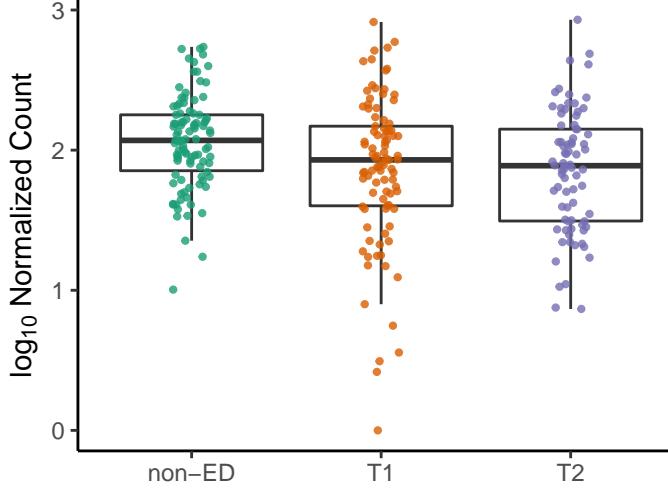


### *Sulfitobacter sp. THAF37*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.0079

T1 vs. T2 adjusted p = 0.81

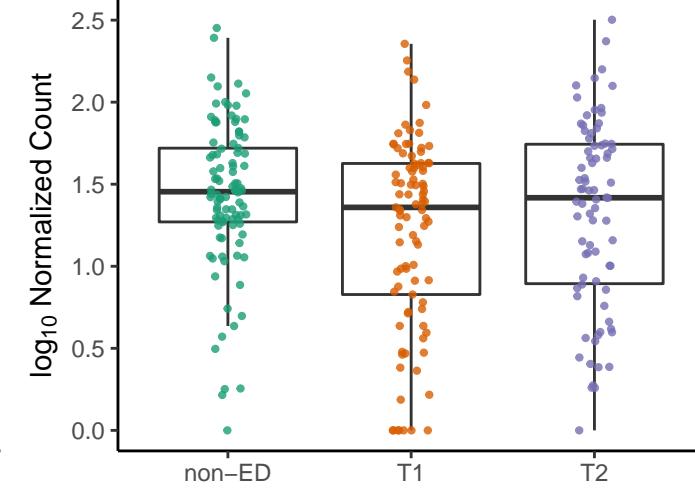


### *Blastomonas fulva*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.25

T1 vs. T2 adjusted p = 0.44

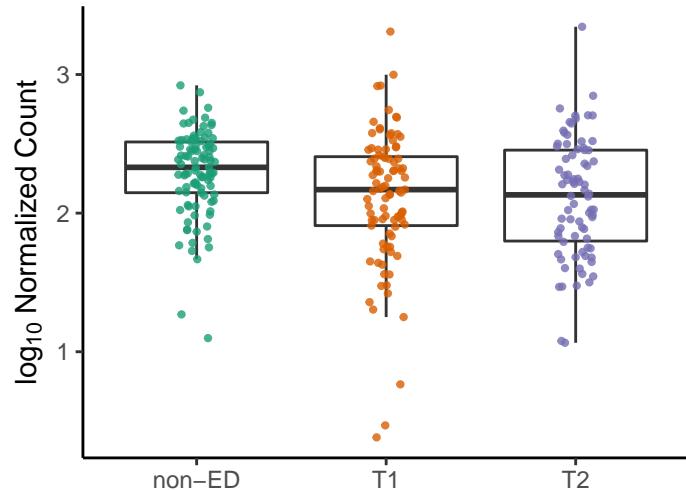


### *Geobacter sulfurreducens*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.82

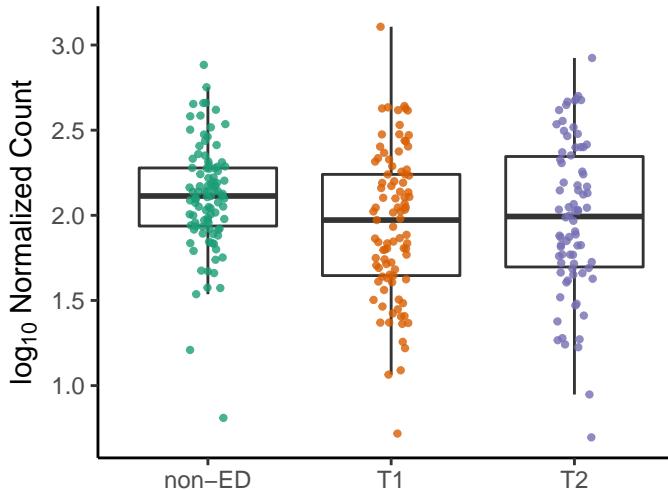


### *Diaphorobacter sp. HDW4A*

non-ED vs. T1 adjusted p = 0.019

non-ED vs. T2 adjusted p = 0.093

T1 vs. T2 adjusted p = 0.66

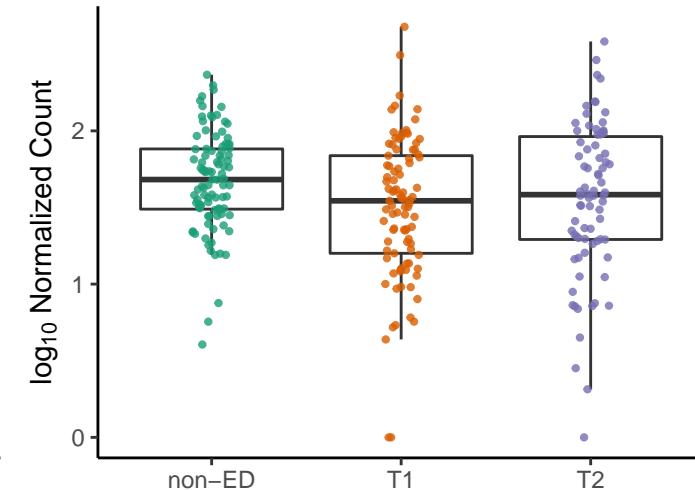


### *Neisseria sp. 10022*

non-ED vs. T1 adjusted p = 0.019

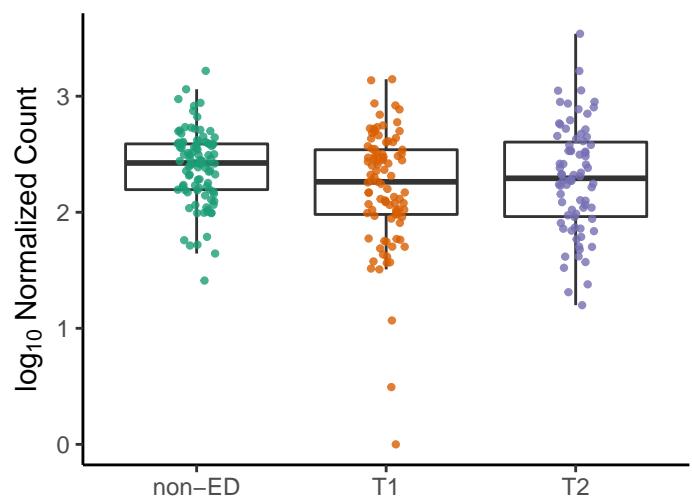
non-ED vs. T2 adjusted p = 0.14

T1 vs. T2 adjusted p = 0.72



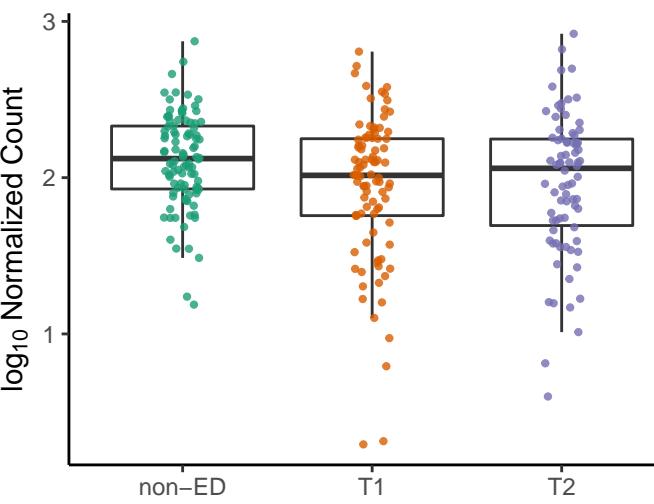
### *Catenulispora acidiphila*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.63



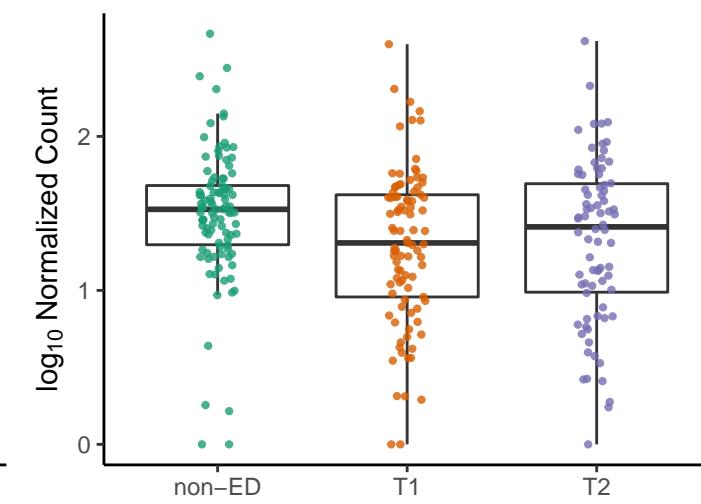
### *Janthinobacterium sp. 1\_2014MBL\_MicC*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.77



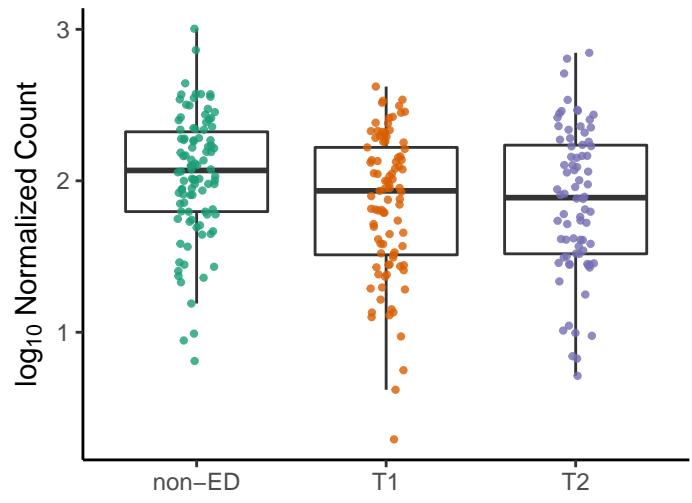
### *Marivivens sp. JLT3646*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.77



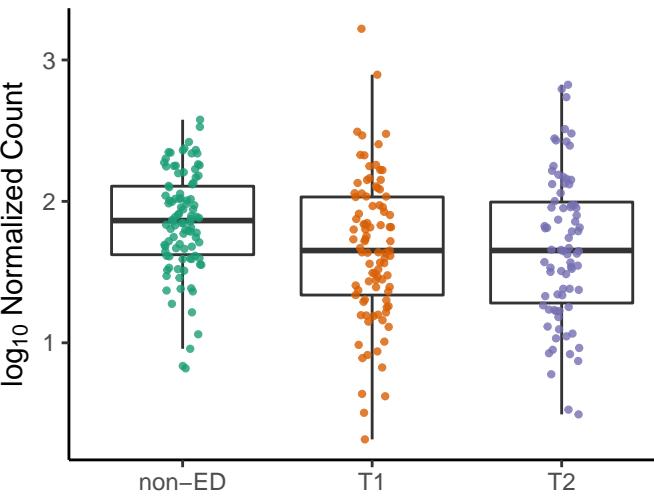
### *Ectothiorhodospira sp. BSL-9*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.91



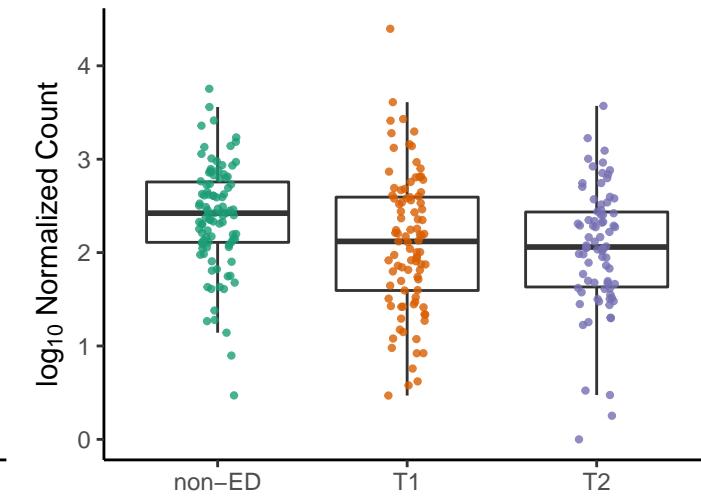
### *Sphingomonas sp. LM7*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.87



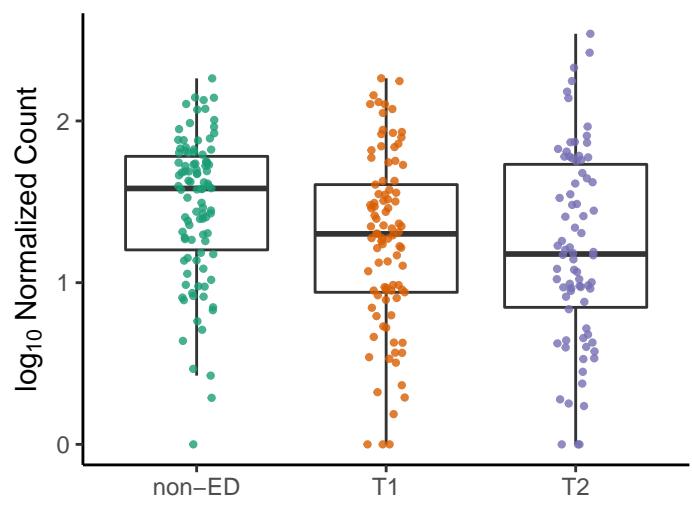
### *Streptococcus sp. I-G2*

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



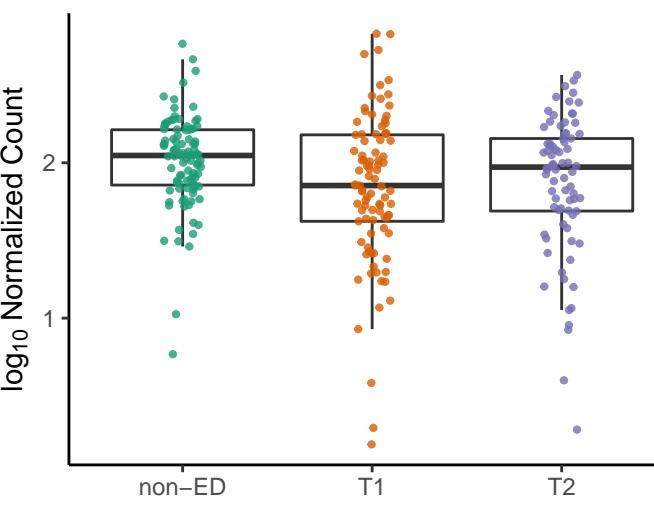
### *Caldicellulosiruptor kristjanssonii*

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



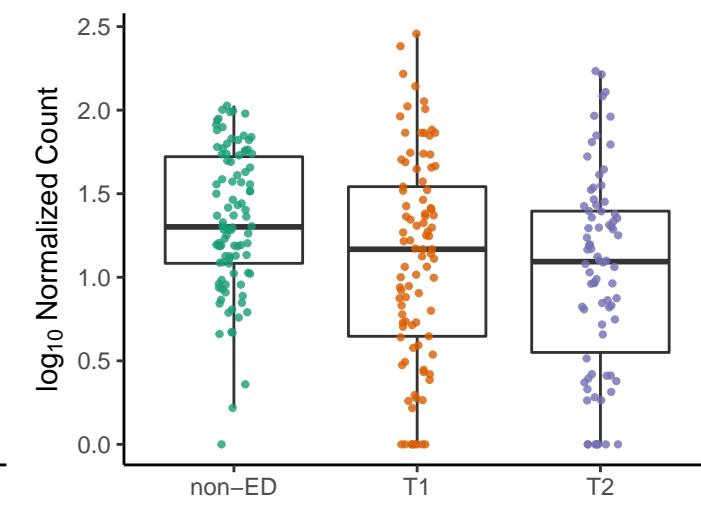
### *Mixta gaviniae*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.73



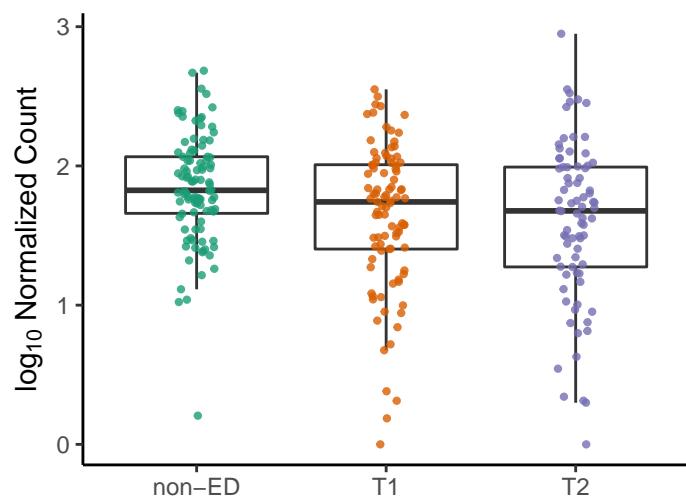
### *Candidatus Nitrosotenuis aquarius*

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



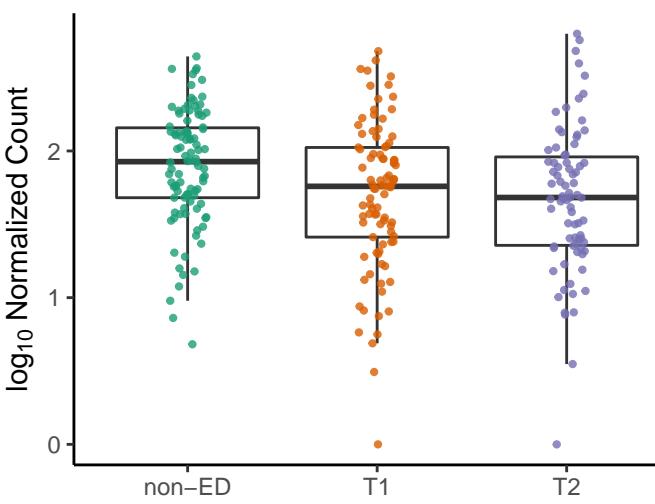
### *Sphingobium baderi*

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



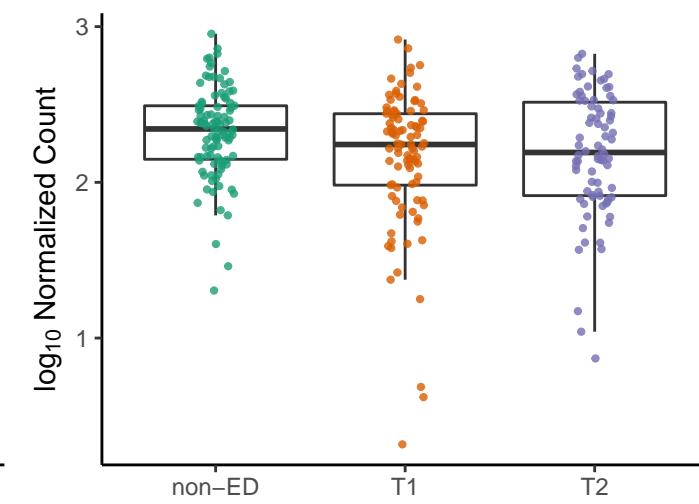
### *Streptomyces* sp. S063

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



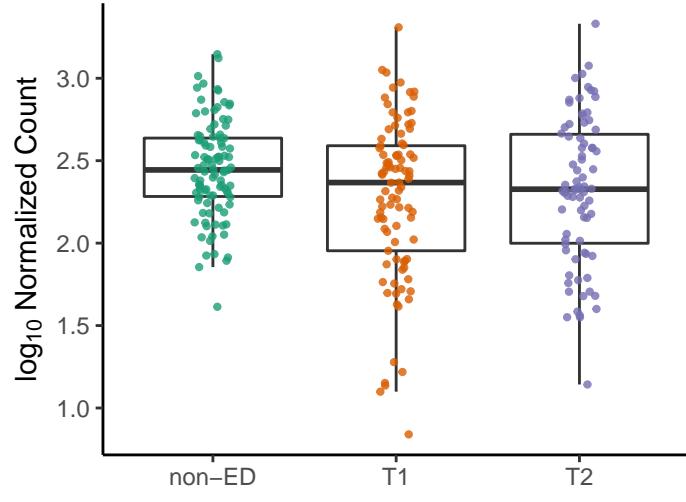
### *Hymenobacter sedentarius*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.76



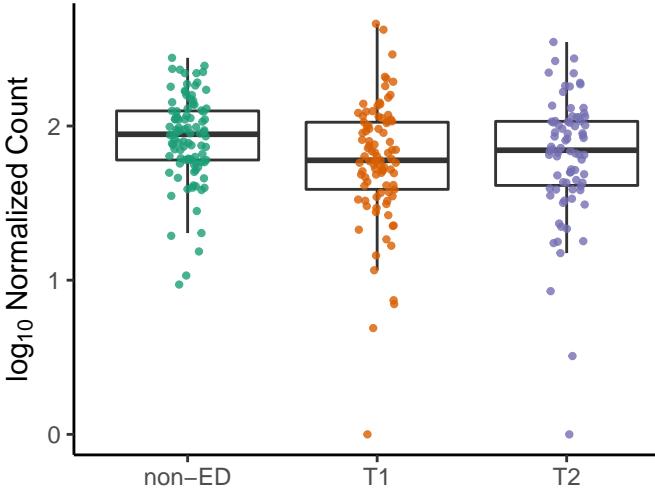
### *Aquasphaera giovannonii*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.67



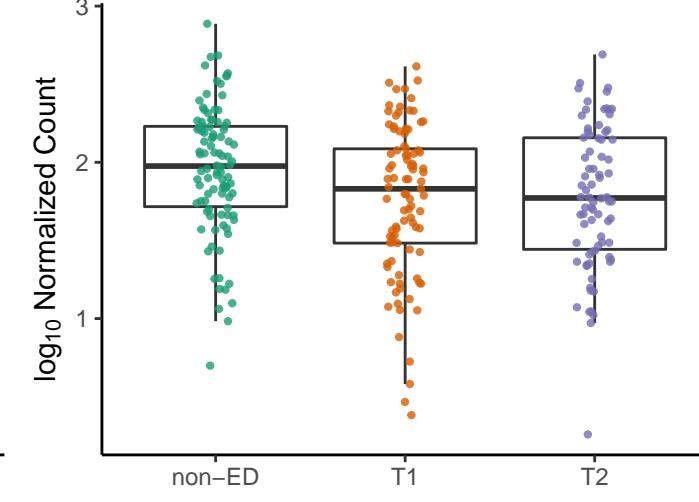
### *Bacillus tequilensis*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.89



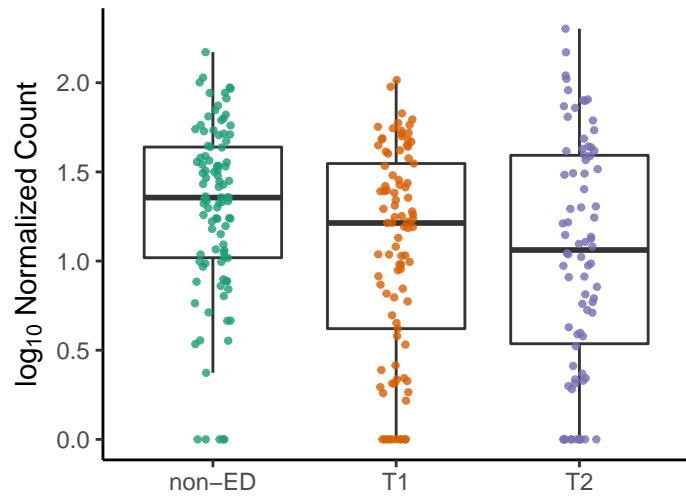
### *Sphingomonas* sp. Cra20

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.7



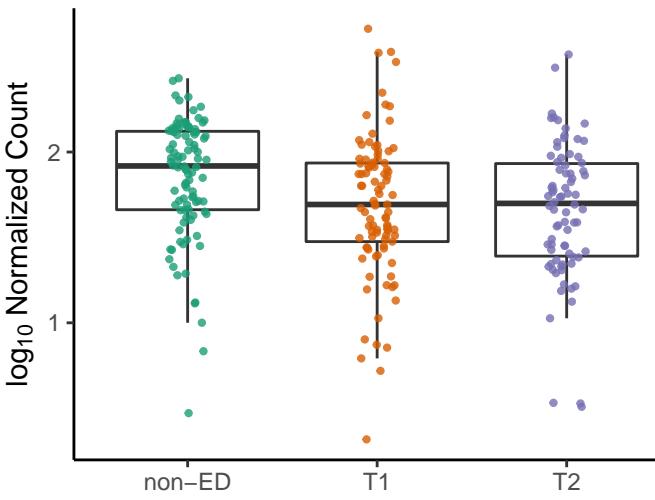
### *Capnocytophaga* sp. H2931

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.79



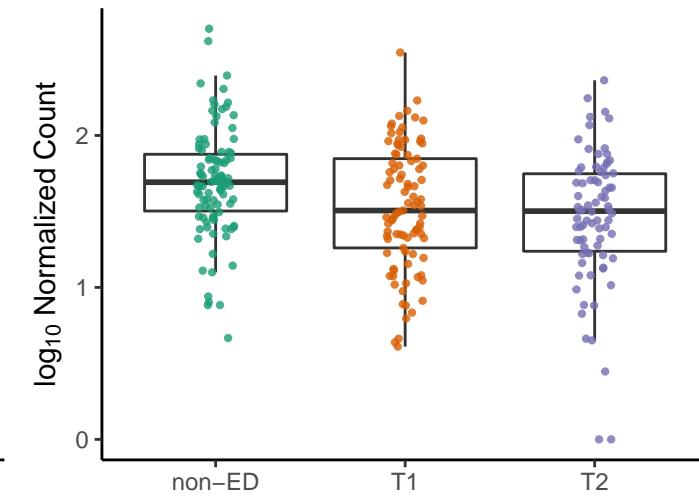
### *Caldicellulosiruptor saccharolyticus*

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



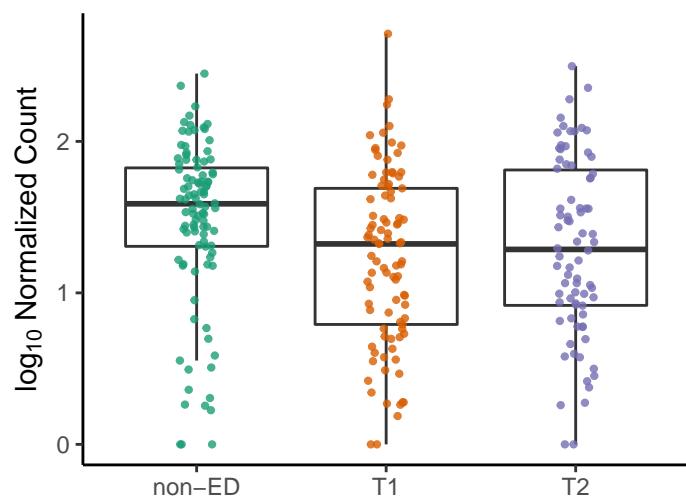
### *Elizabethkingia ursingii*

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



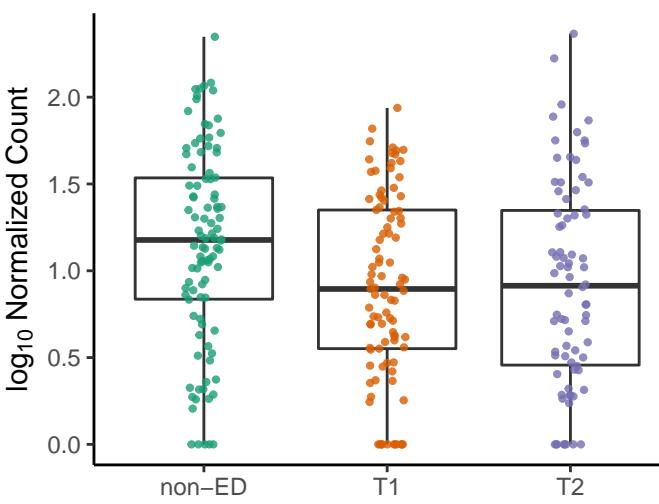
### Pseudomonas sp. PONIH3

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.76



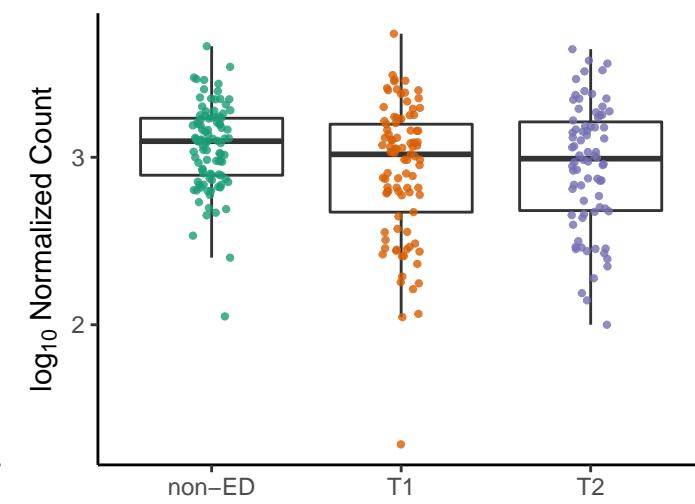
### Unclassified Pelobacter Genus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.78



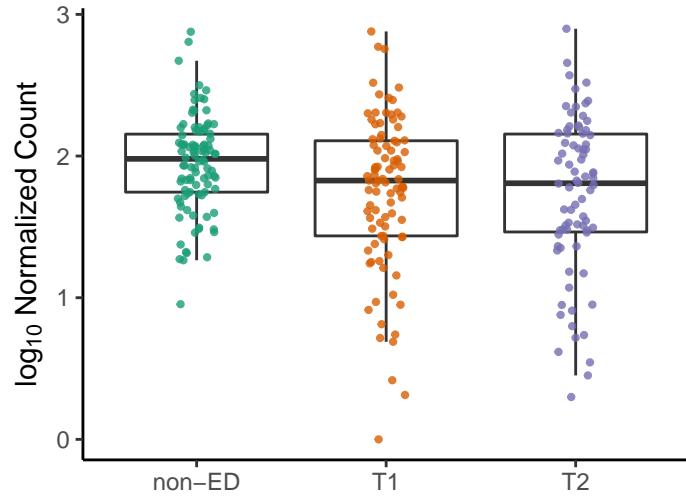
### Unclassified Bradyrhizobium Genus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.7



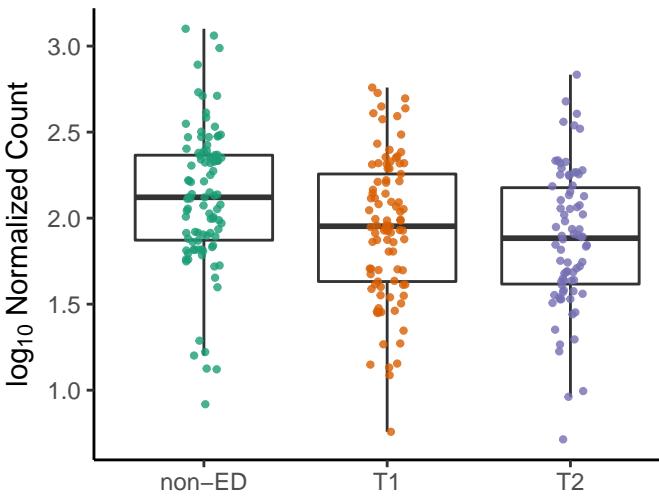
### Variibacter gotjawalensis

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.97



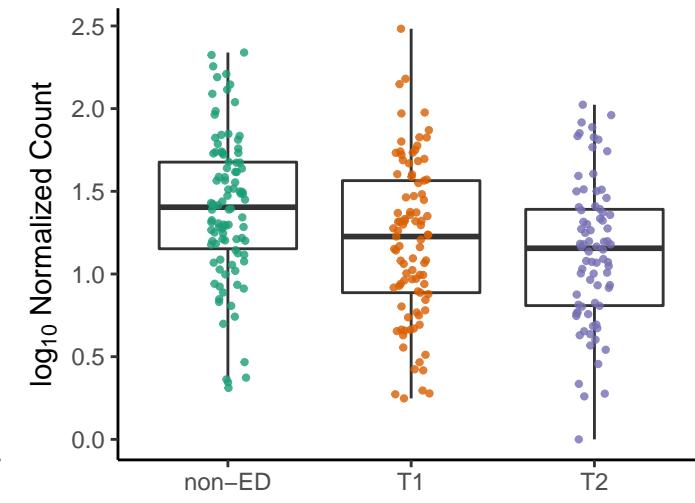
### Acinetobacter pittii

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



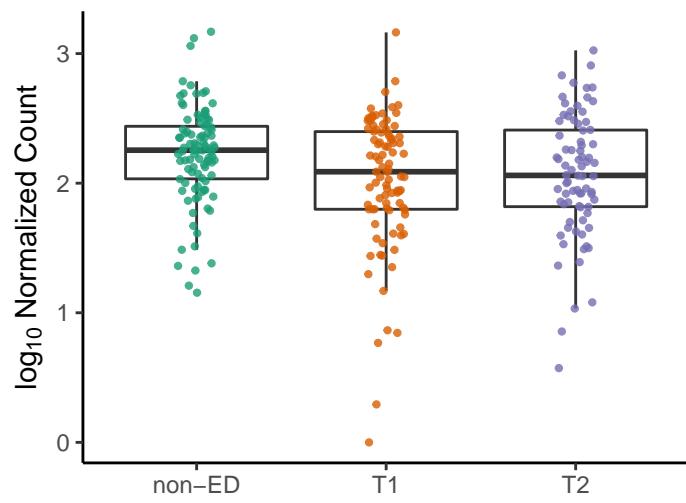
### Thermodesulfobium narugense

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



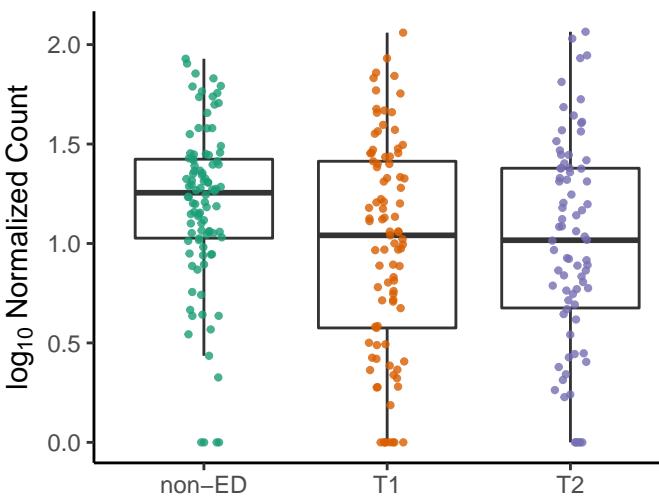
### Haloactinobacterium sp. HY164

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.75



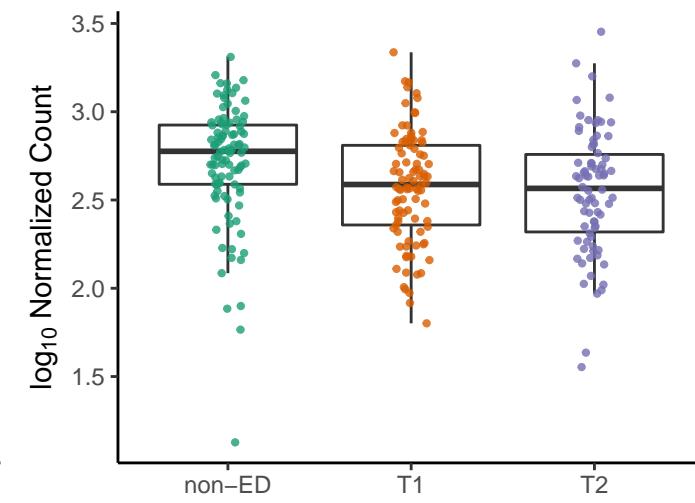
### Thermococcus sp. 4557

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.94



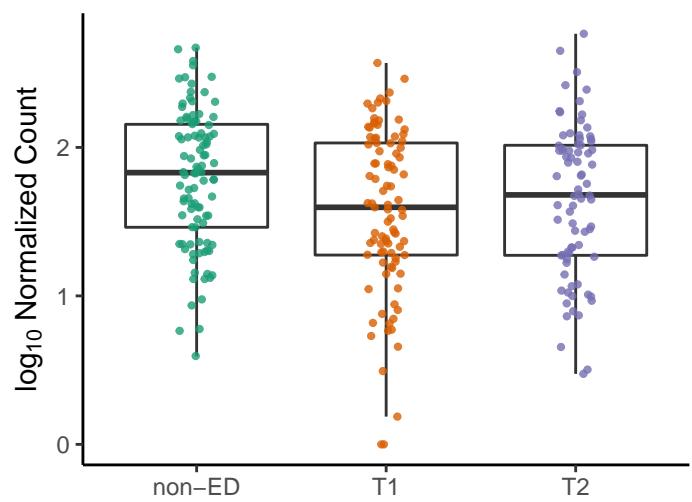
### Unclassified Caldicellulosiruptor Genus

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



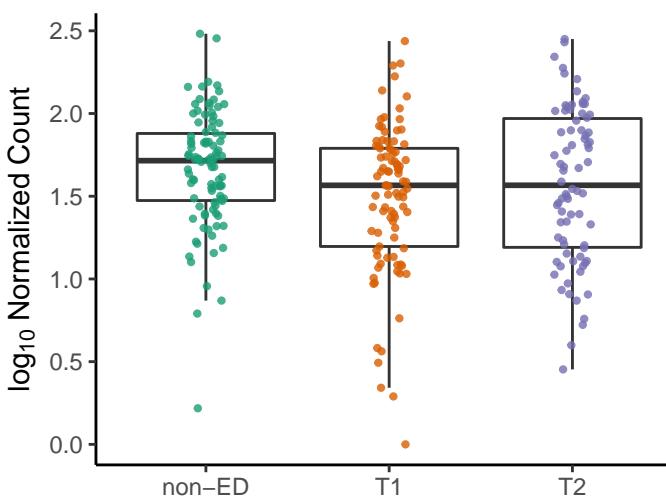
### *Agromyces flavus*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.67



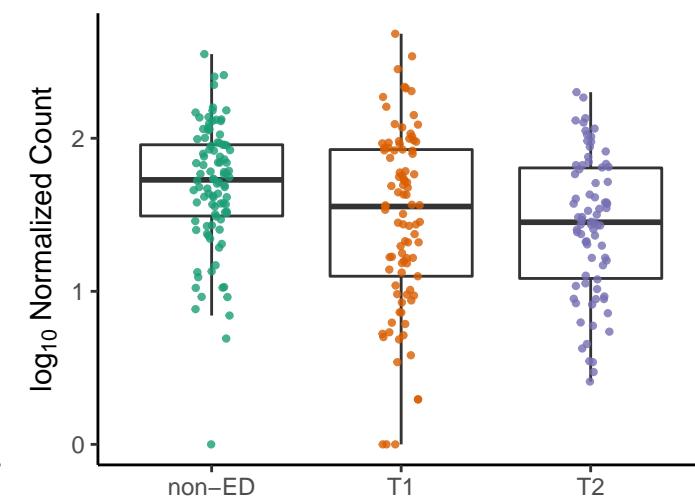
### *Sphingopyxis* sp. FD7

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.67



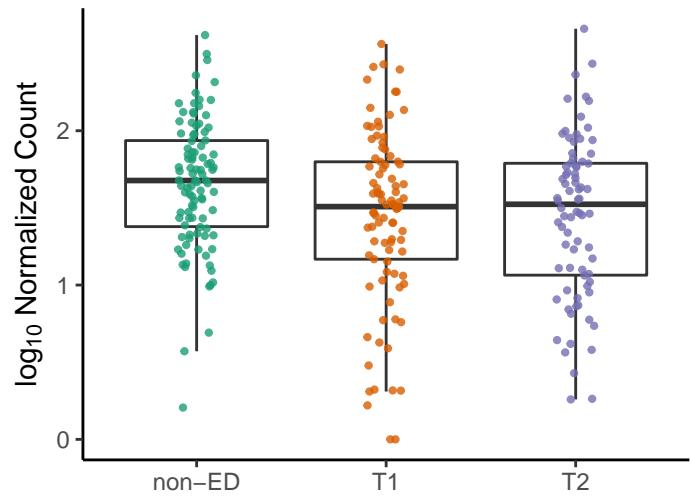
### *Acidimicrobium ferrooxidans*

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



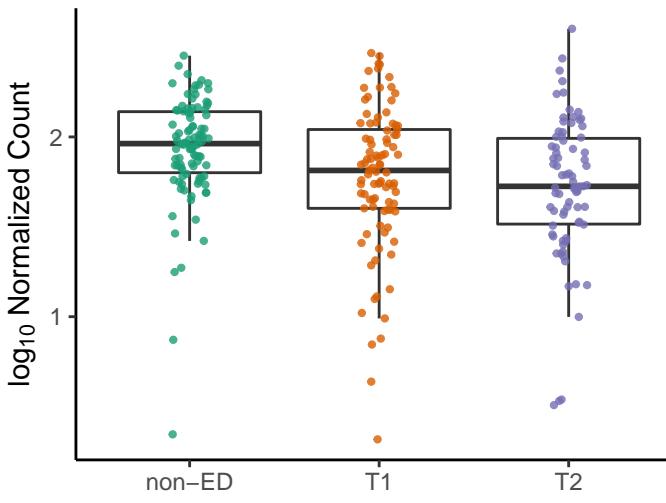
### *Pusillimonas* sp. DMV24BSW\_D

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.96



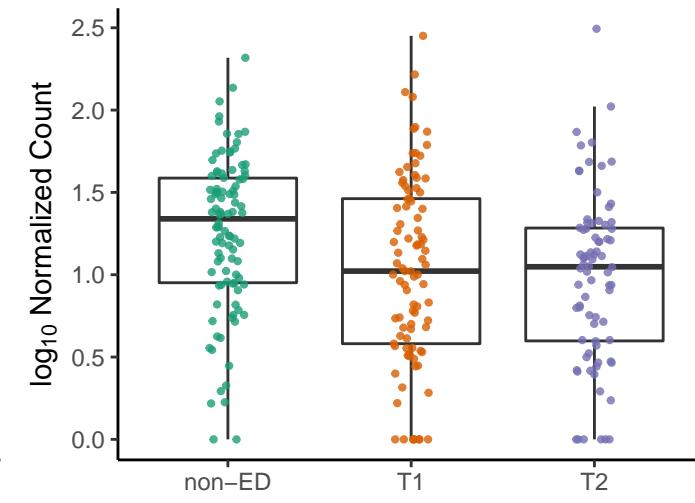
### *Caldicellulosiruptor hydrothermalis*

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



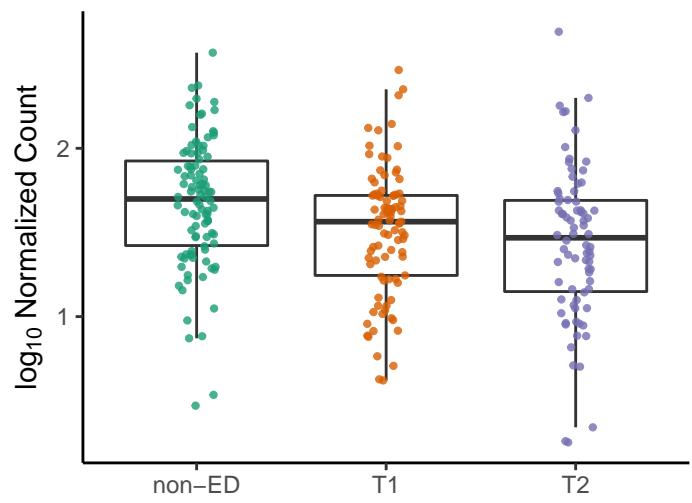
### *Mycoplasma cloacale*

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



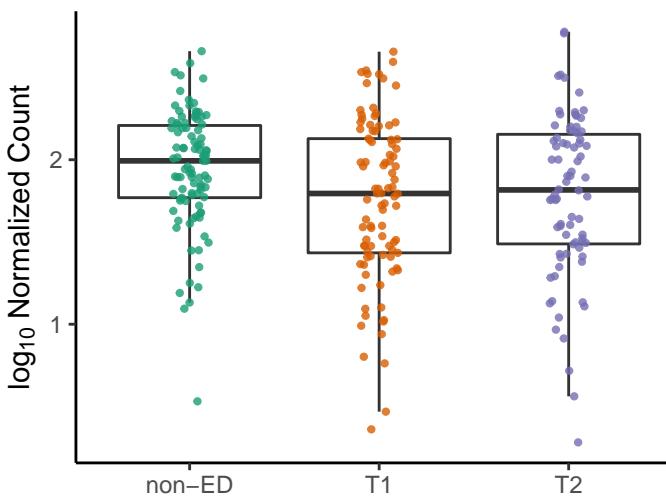
### *Nodularia spumigena*

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



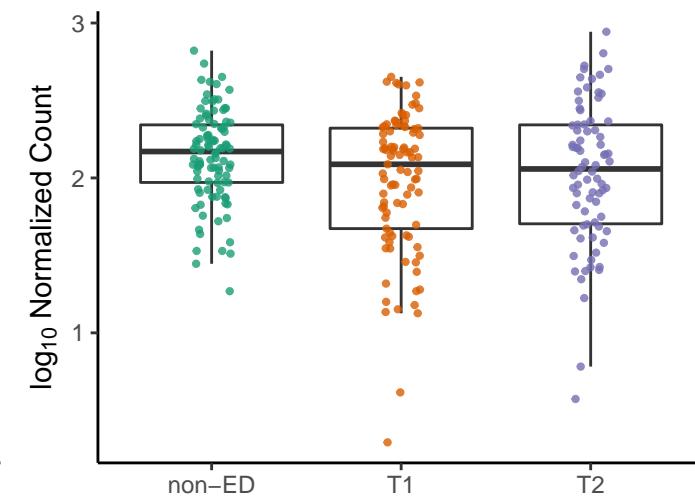
### *Sphingopyxis macrogoltabida*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.79



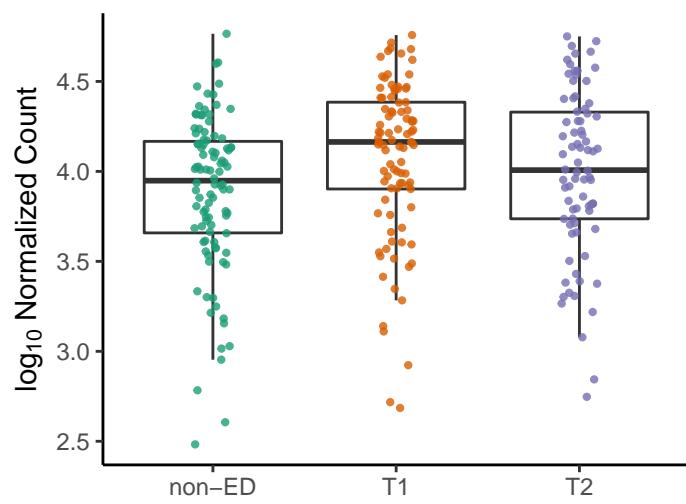
### *Nitratireductor* sp. SY7

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.71



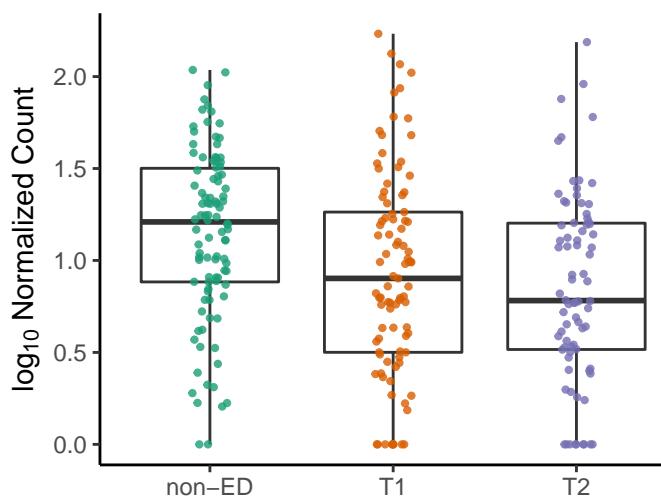
### Unclassified Bacteroidetes Phylum

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.67



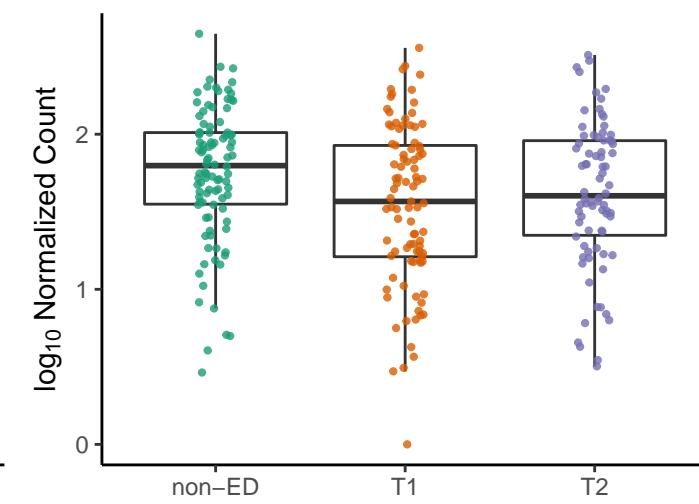
### Maribacter sp. MAR\_2009\_60

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



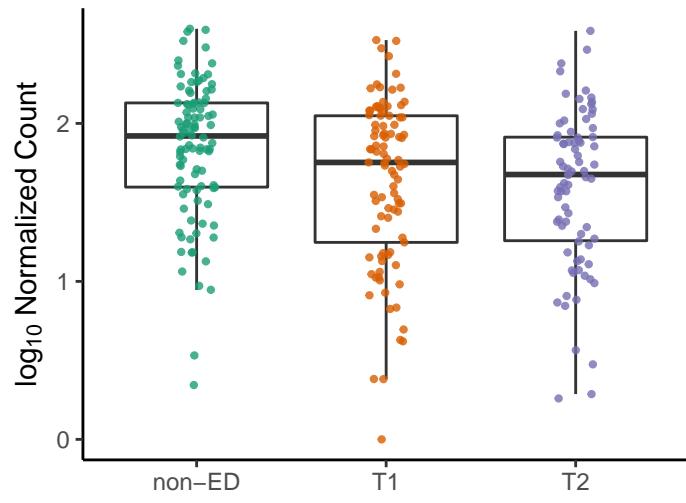
### Neokomagataea sp. Ha5

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.71



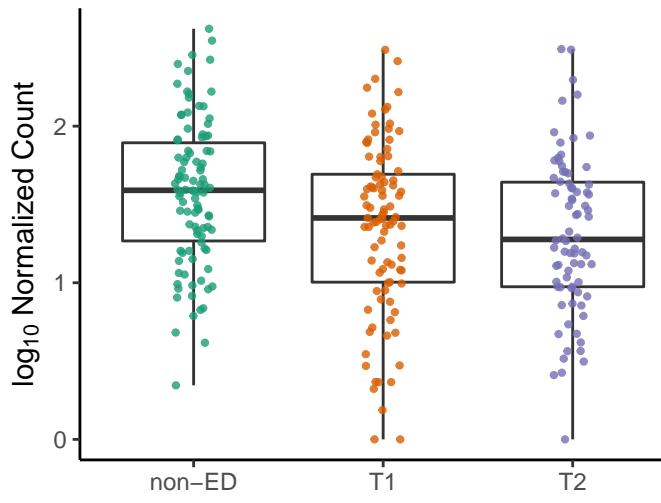
### Novosphingobium sp. Gsoil 351

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



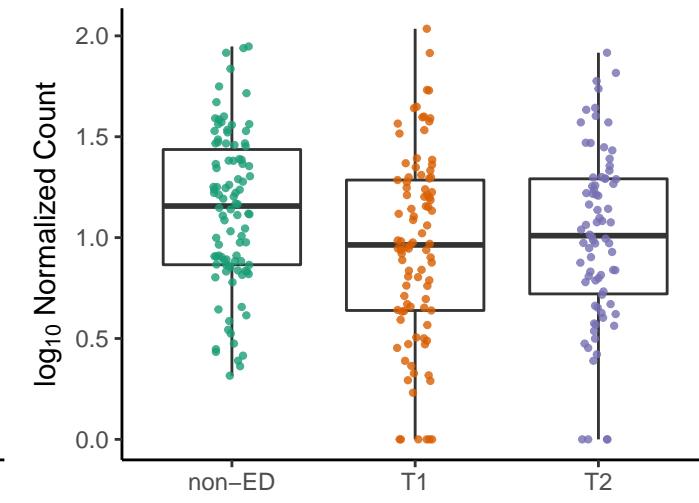
### Ochrobactrum pseudogrignonense

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



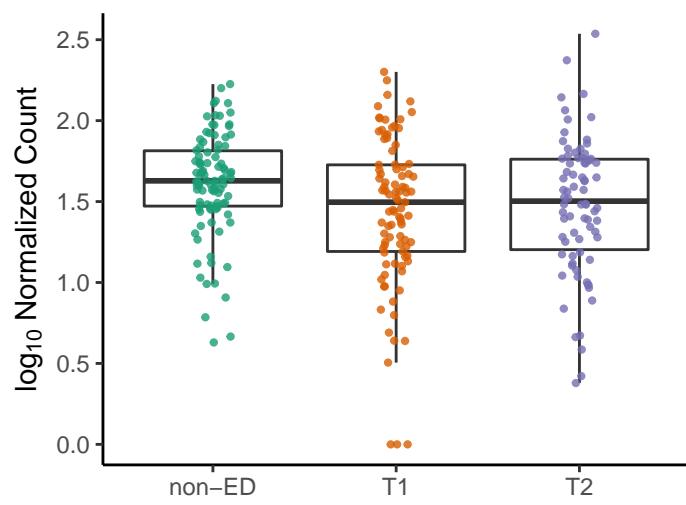
### Planctomyces bacterium Mal35

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.73



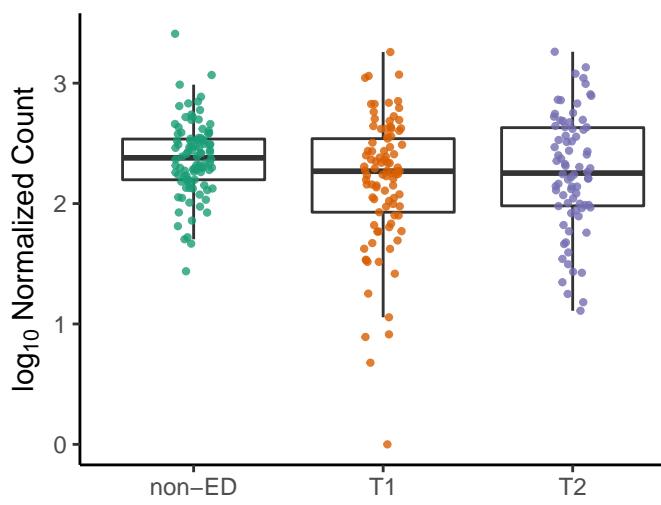
### Shewanella aestuarii

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.82



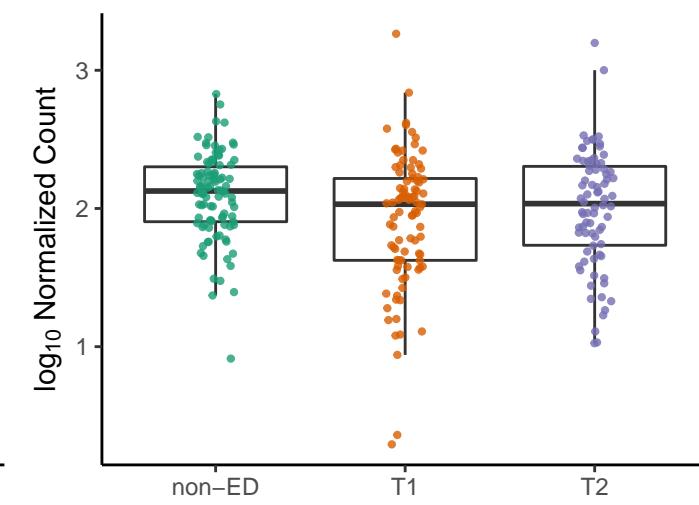
### Kitasatospora setae

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.61



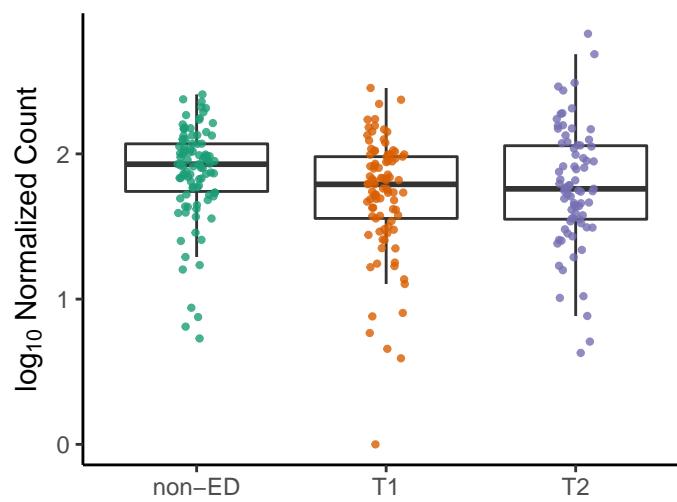
### Actinomyces sp. Chiba101

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.61



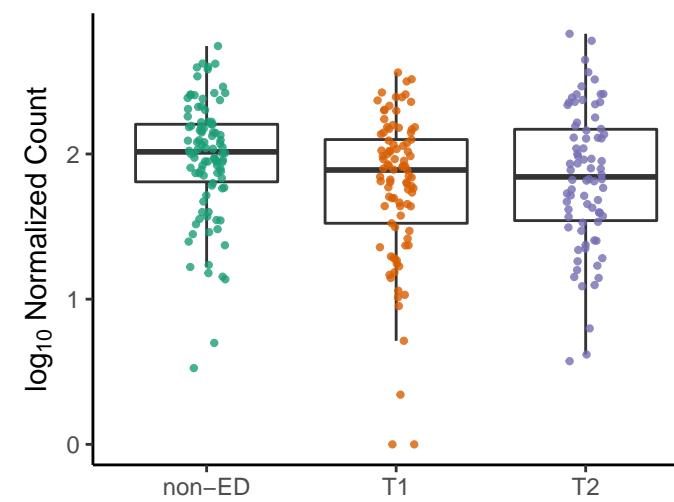
### *Colwellia psychrerythraea*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.77



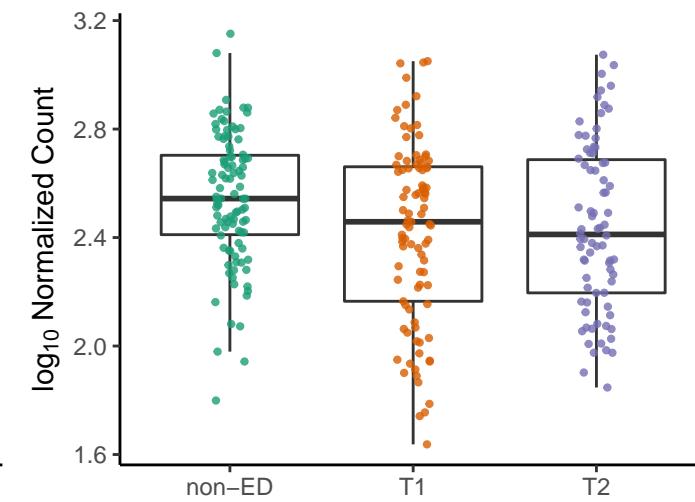
### *Paraburkholderia sprentiae*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.73



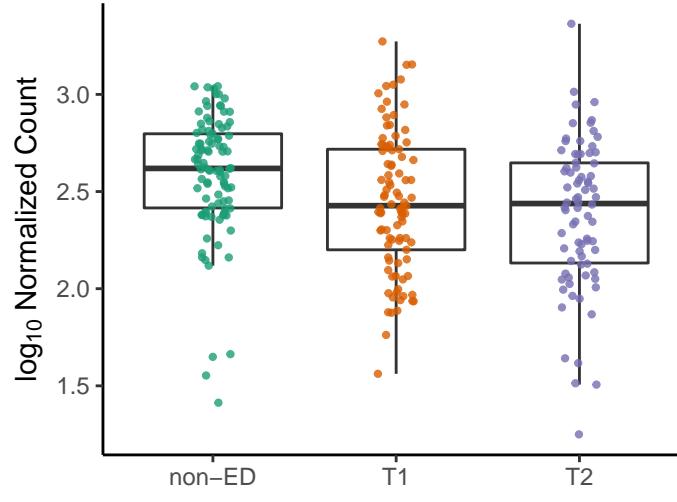
### Unclassified Dickeya Genus

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.73



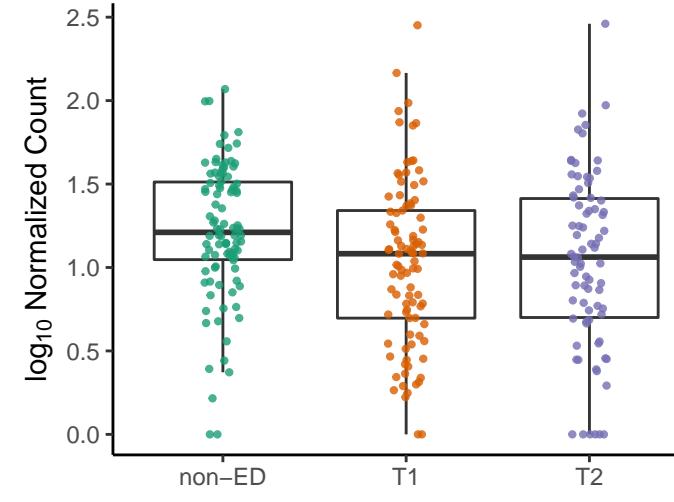
### *Clostridium estertheticum*

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



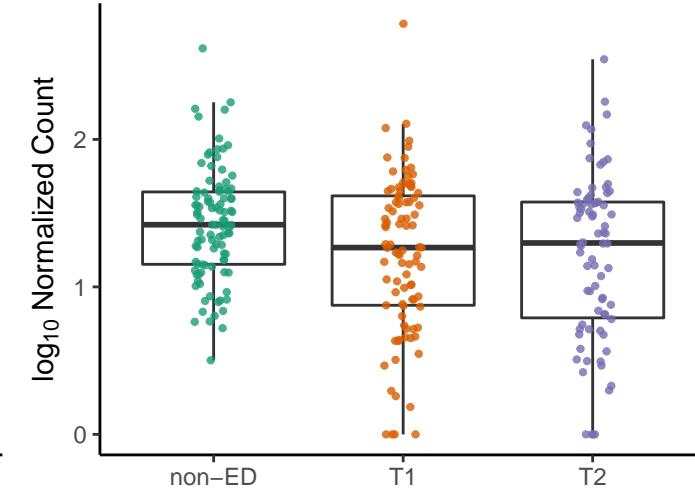
### *Elizabethkingia* sp. 2–6

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.98



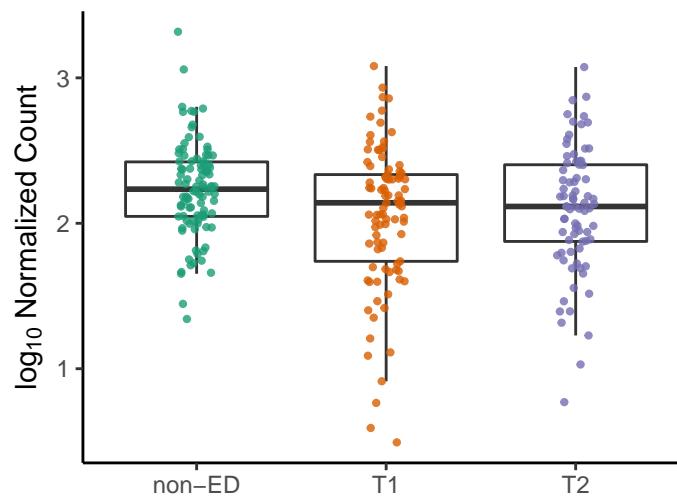
### *Serratia* sp. KUDC3025

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.93



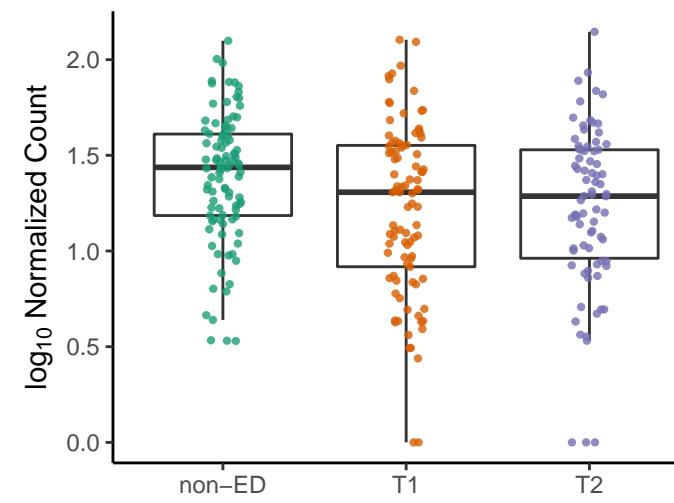
### *Nocardia seriolae*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.67



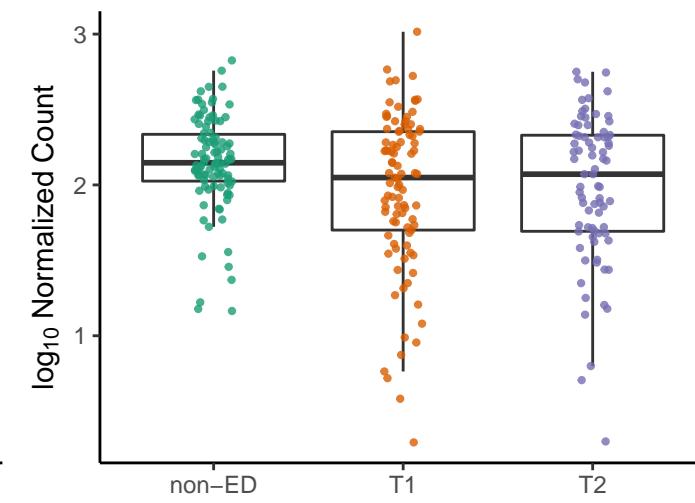
### Unclassified Spirochaetaceae Family

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.95



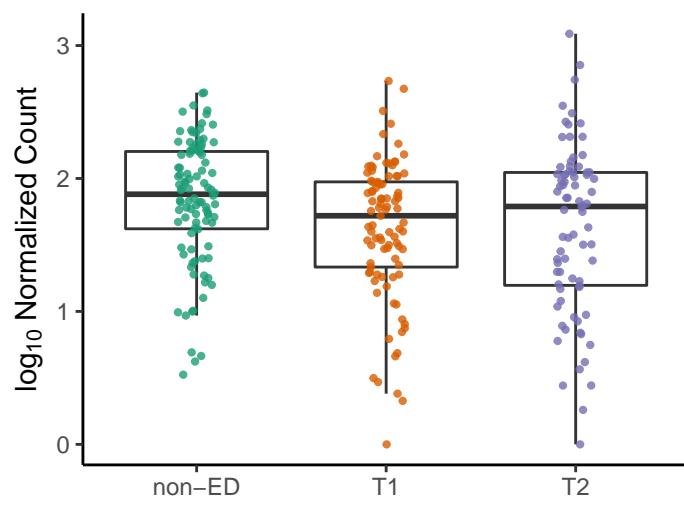
### *Immundisolibacter cernigliae*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.7



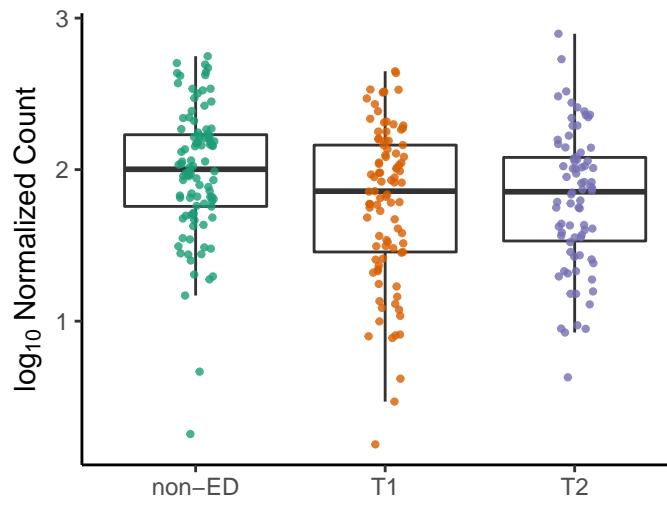
### *Methylobacterium* sp. AMS5

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.79



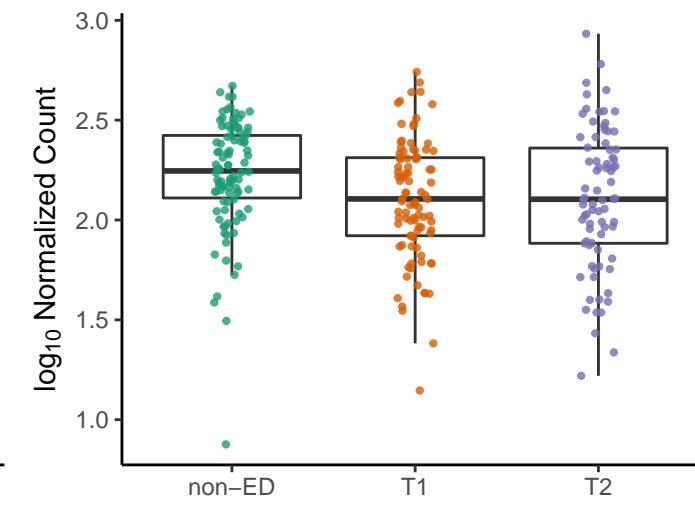
### *Sphingosinicella* sp. BN140058

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.8



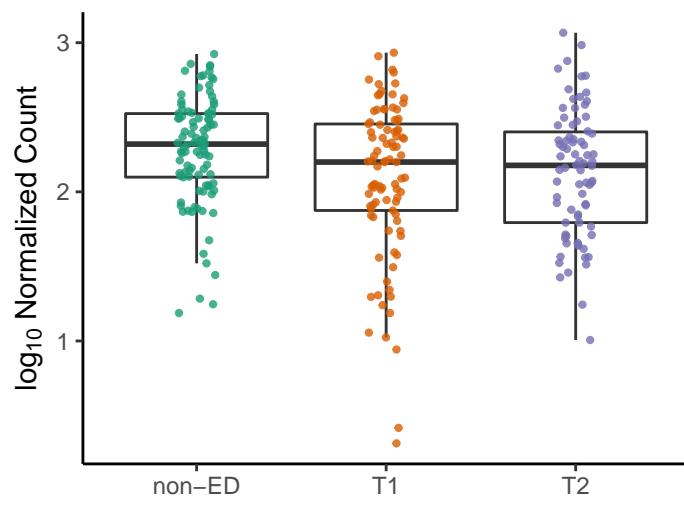
### Unclassified Sporosarcina Genus

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.97



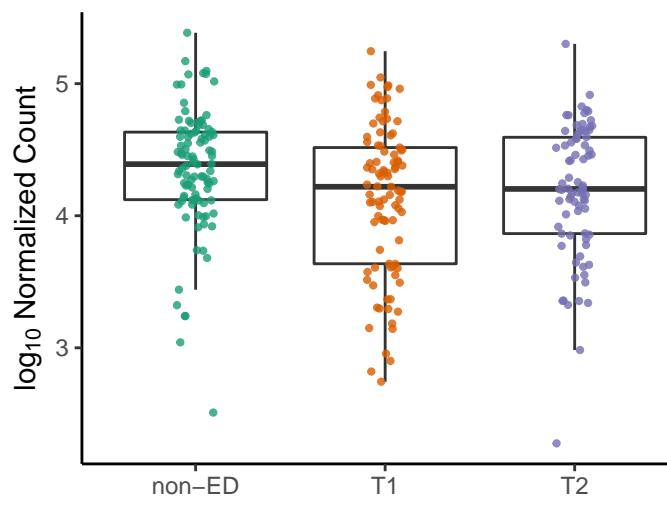
### *Deinococcus wulumuqiensis*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.7



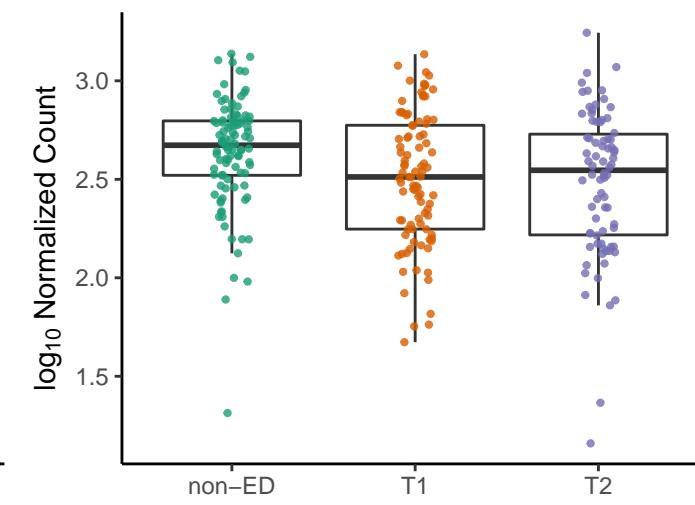
### *Christensenella minuta*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.77



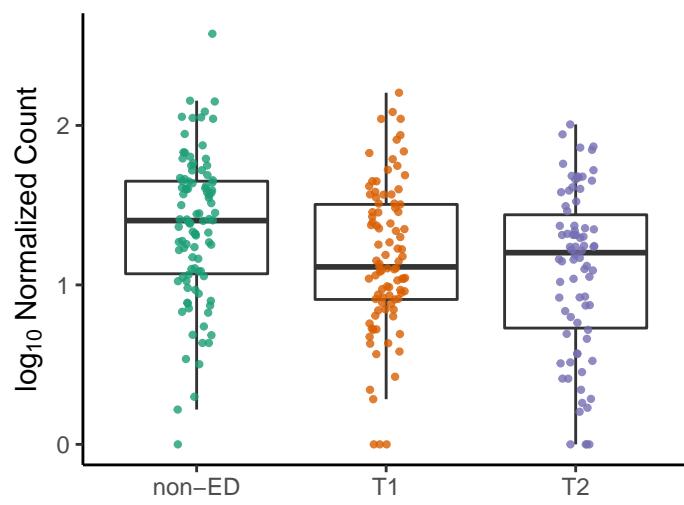
### *Hungateiclostridium saccincola*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.93



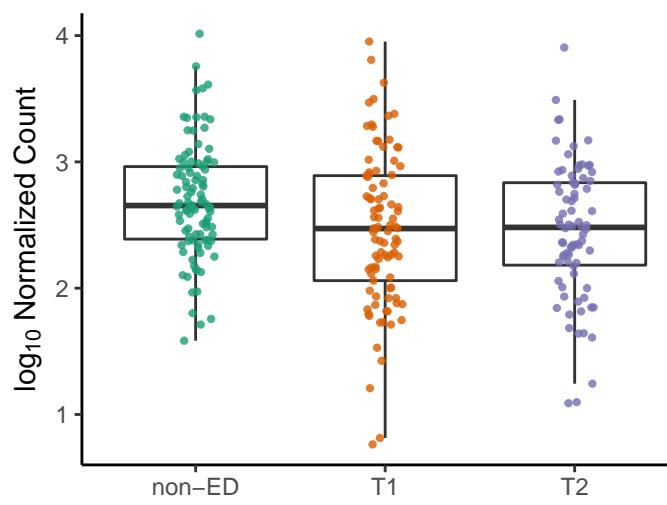
### *Mycoplasma arginini*

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



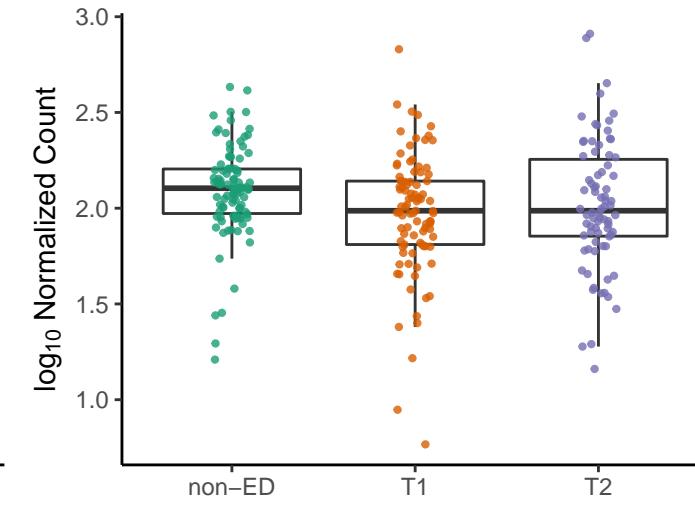
### *Schaalia meyeri*

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



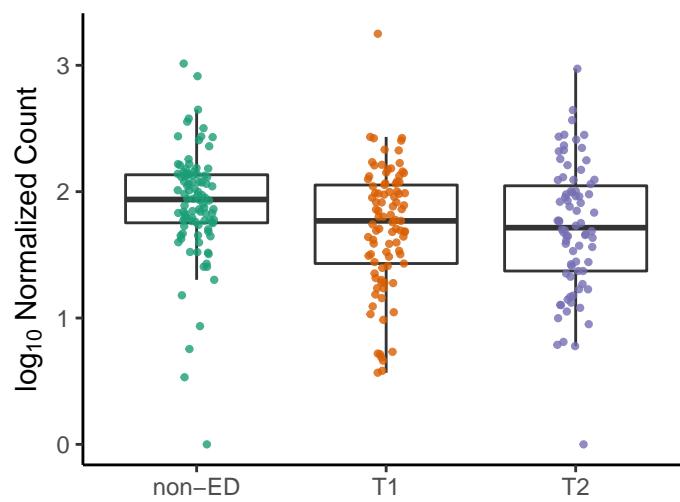
### *Paenibacillus xylanexedens*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.7



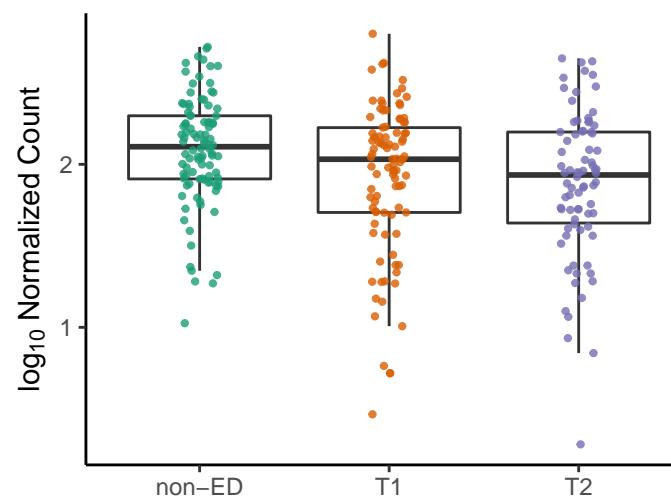
### *Sphingomonas ginsengisoli* An et al. 201

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.82



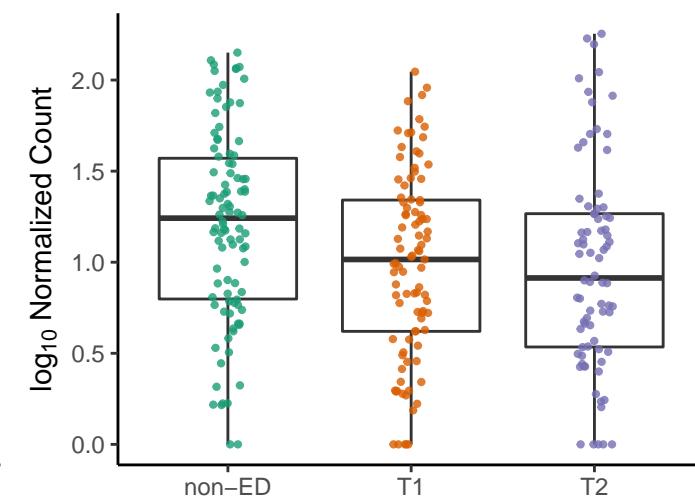
### *Sulfitobacter* sp. AM1-D1

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



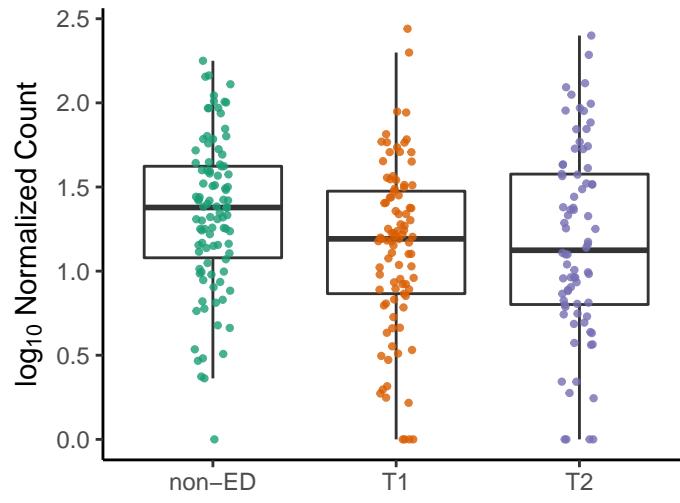
### *Candidatus Planktophila limnetica*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.96



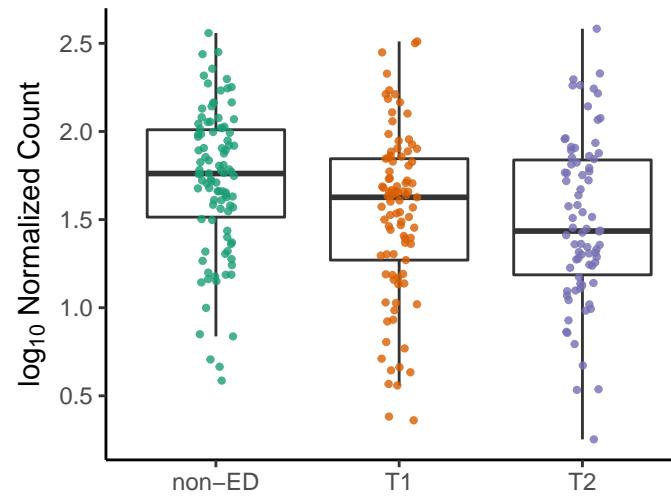
### *Acidianus brierleyi*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.96



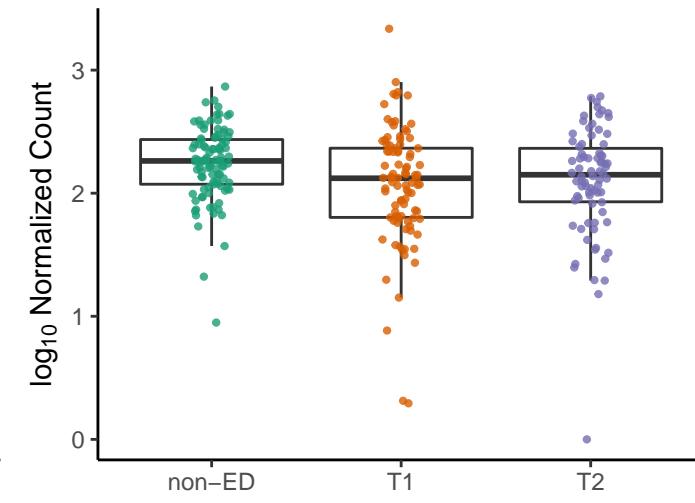
### *Vibrio ponticus*

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



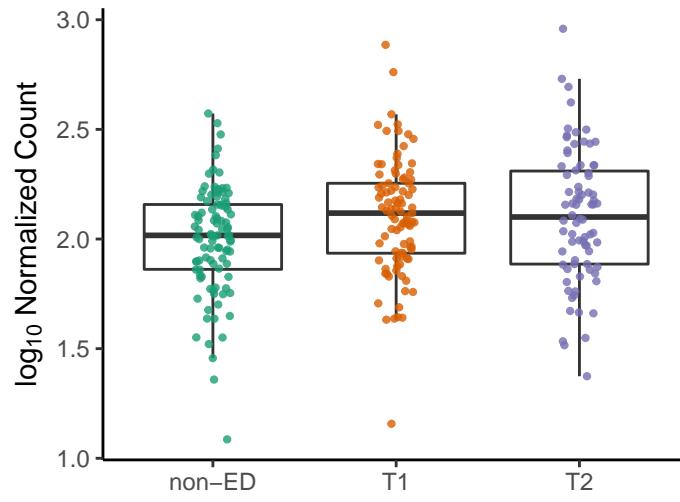
### *Thiocystis violascens*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.75



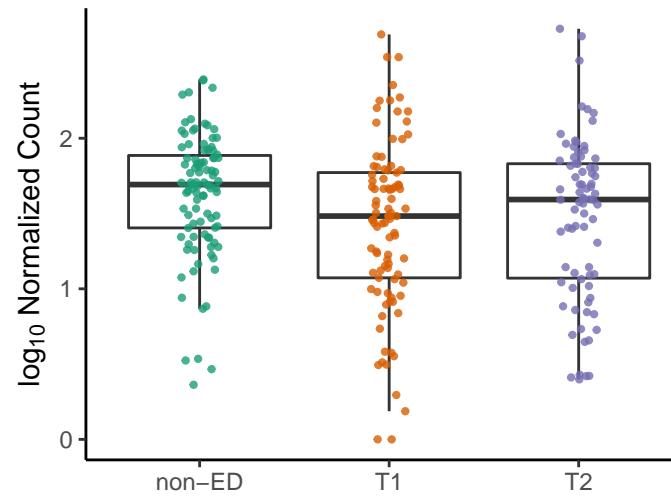
### *Brenneria goodwinii*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.98



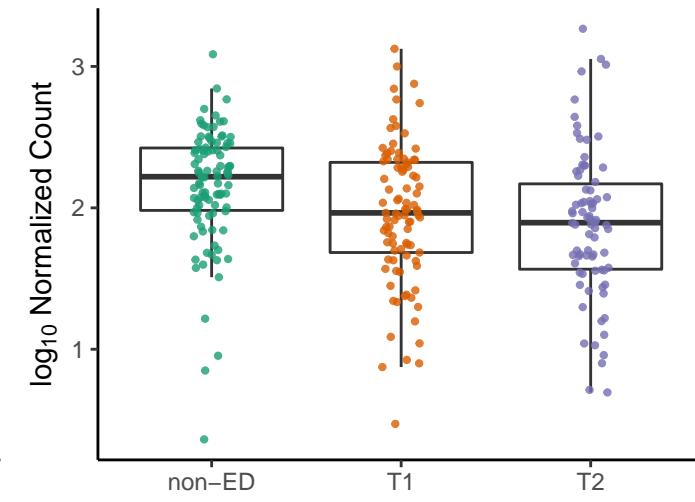
### [*Pseudomonas*] mesoacidiphila

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.7



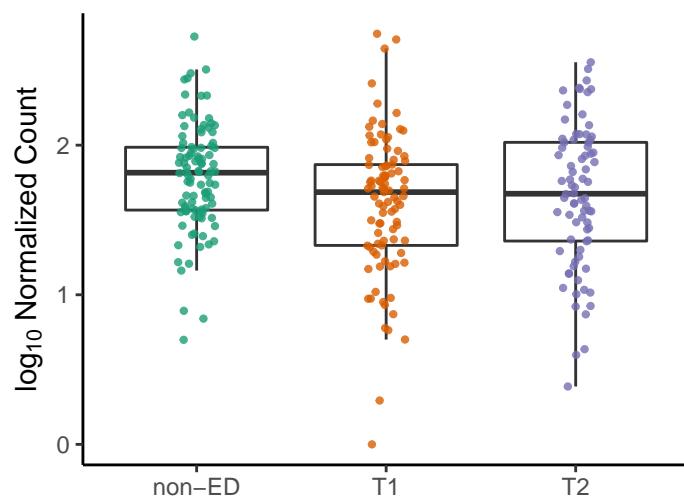
### *Glaciecola* sp. THG-3.7

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



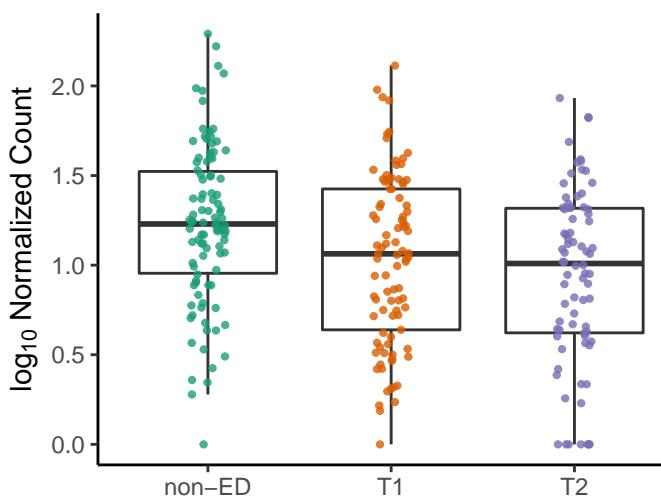
### Ruegeria sp. THAF33

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.76



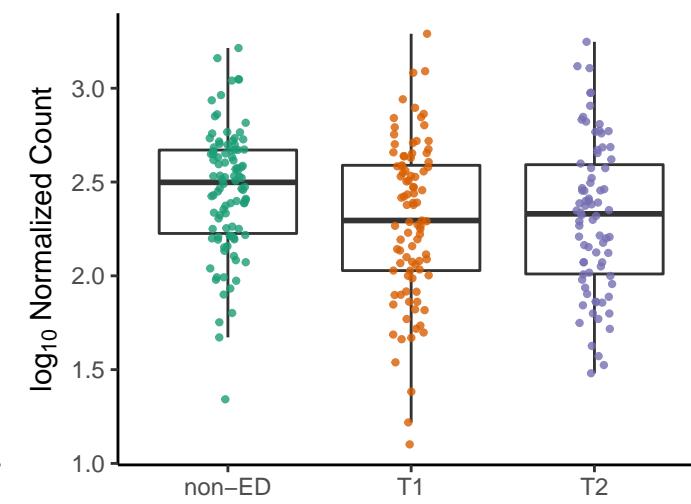
### Mycoplasma gallopavonis

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



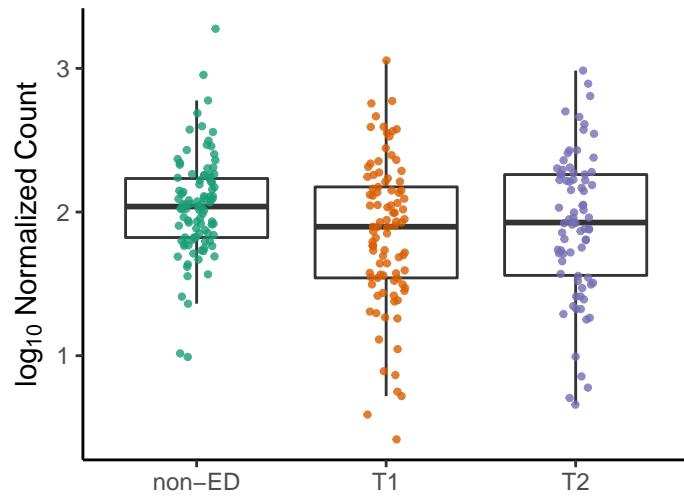
### Achromobacter spanius

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.79



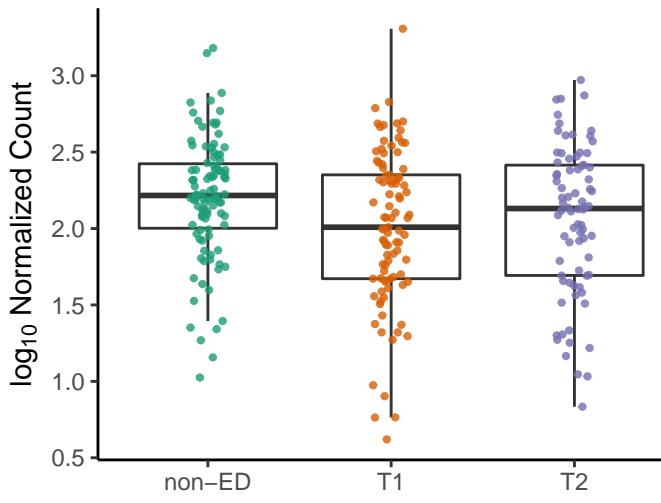
### Aureimonas sp. AU20

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.66



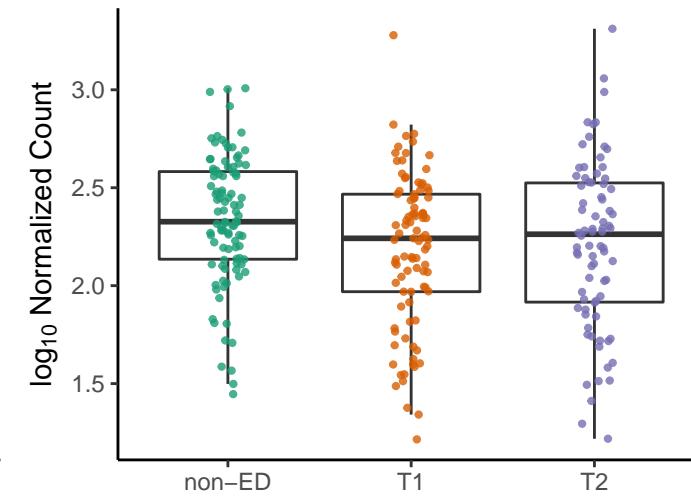
### Amycolatopsis keratiniphila

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.71



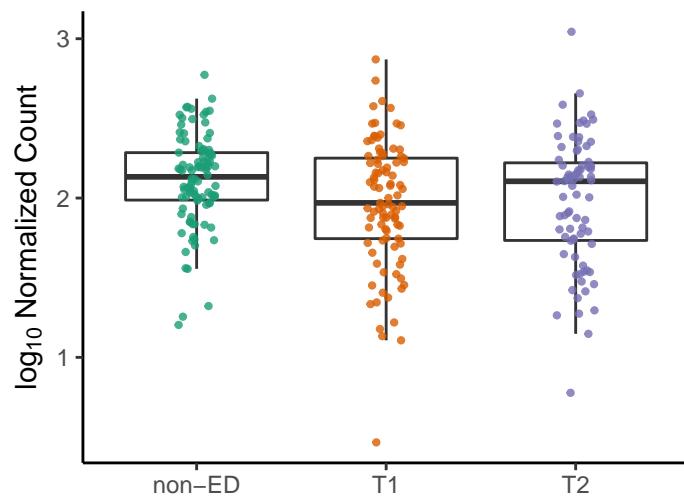
### Komagataeibacter xylinus

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.77



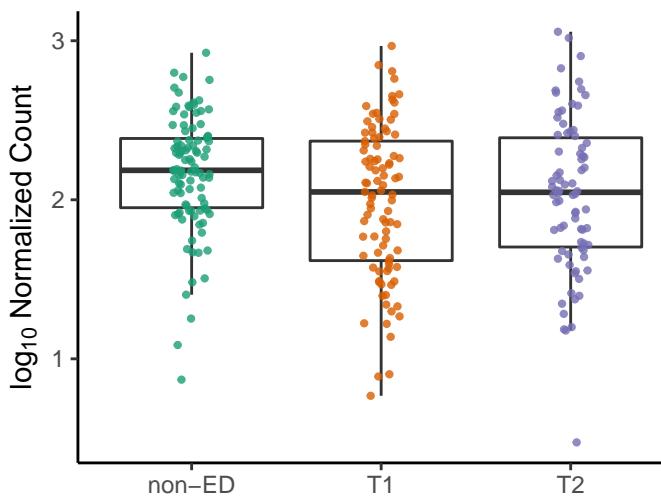
### Lactobacillus zymae

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.77



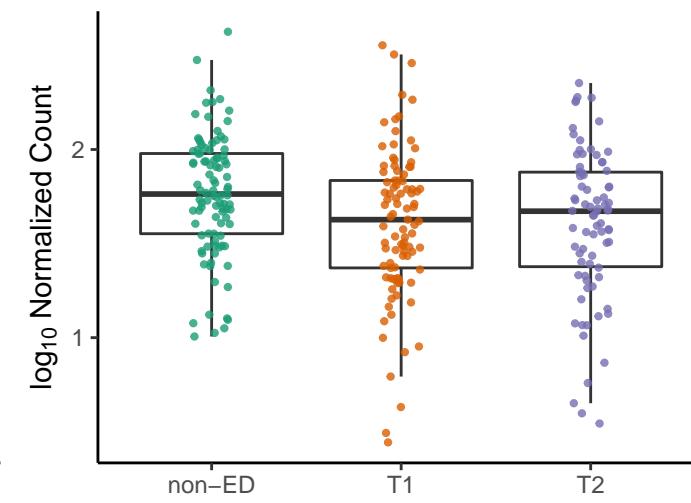
### Propioniciclava sp. HDW11

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.73



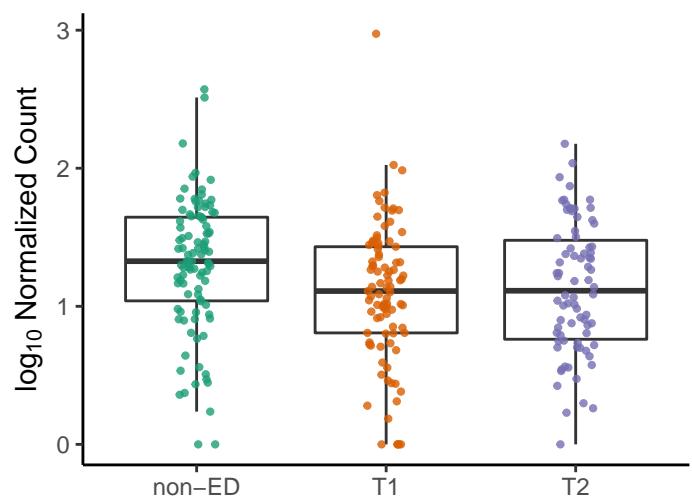
### Roseobacter litoralis

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.86



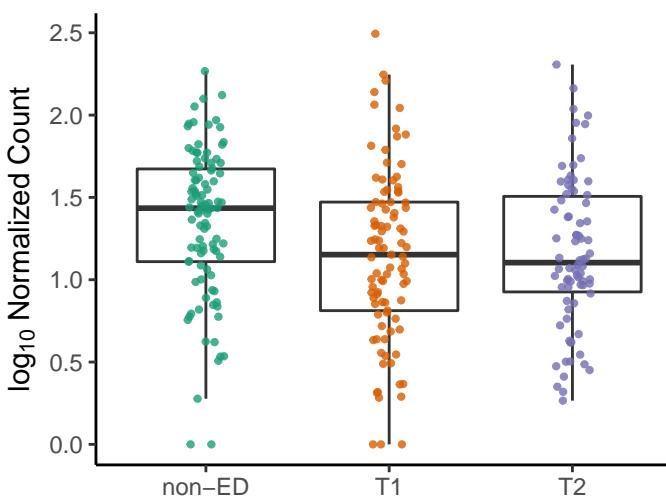
### Sodalis endosymbiont of *Henestaris halc*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



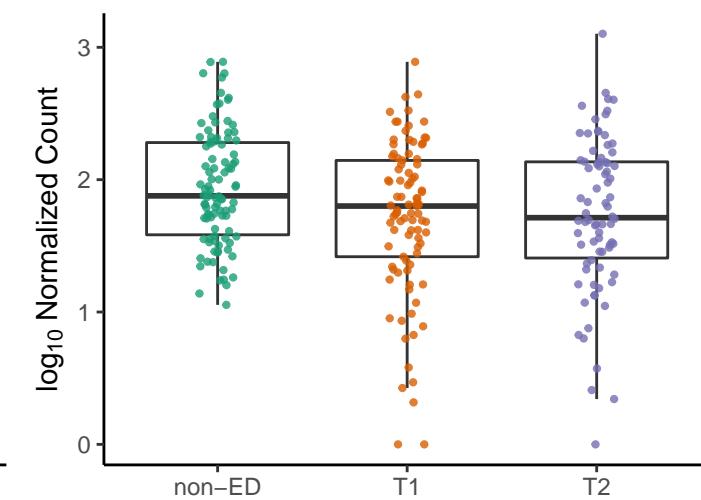
### Natronolimnobius sulfurireducens

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.88



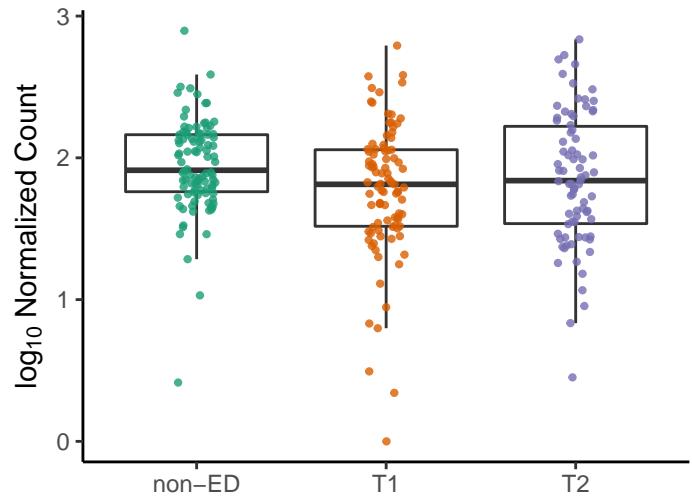
### Neisseria zoodegmatis

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.71



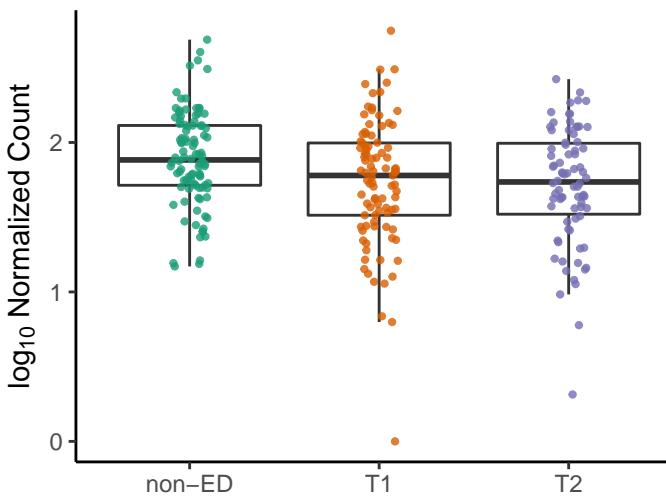
### Rhizobium gallicum

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.64



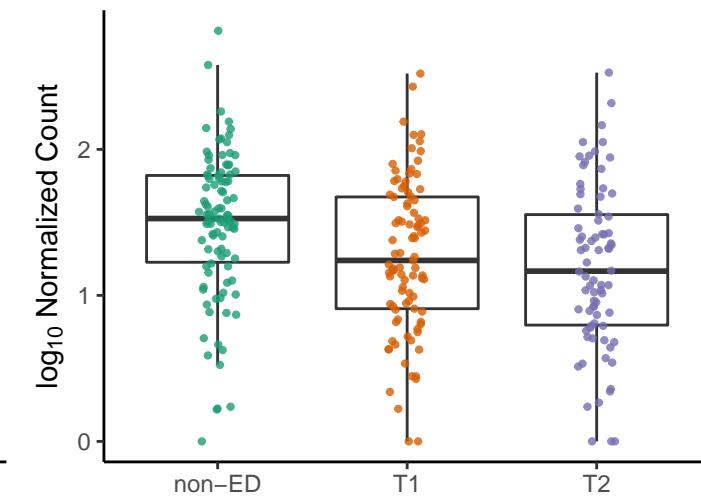
### Rhizobium tropici

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



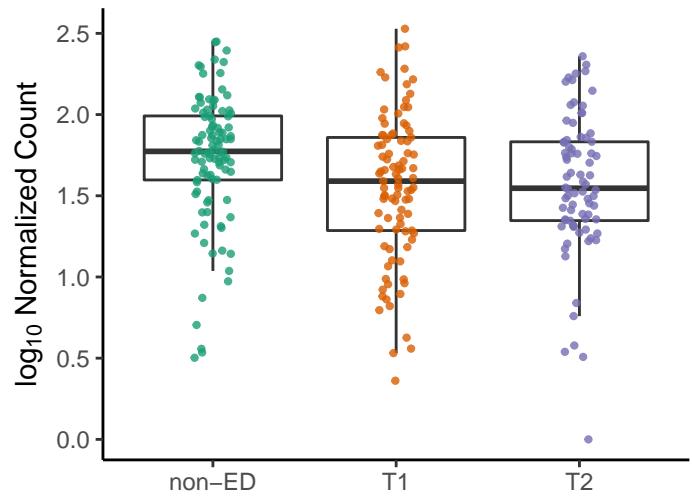
### Spiroplasma helicoides

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



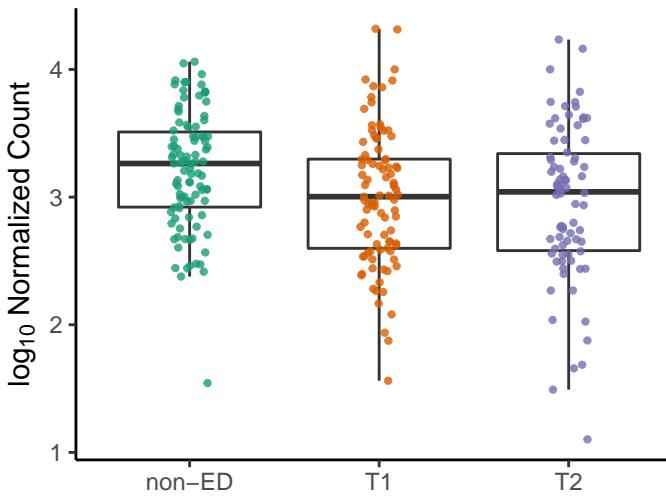
### Staphylococcus arlettae

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.98



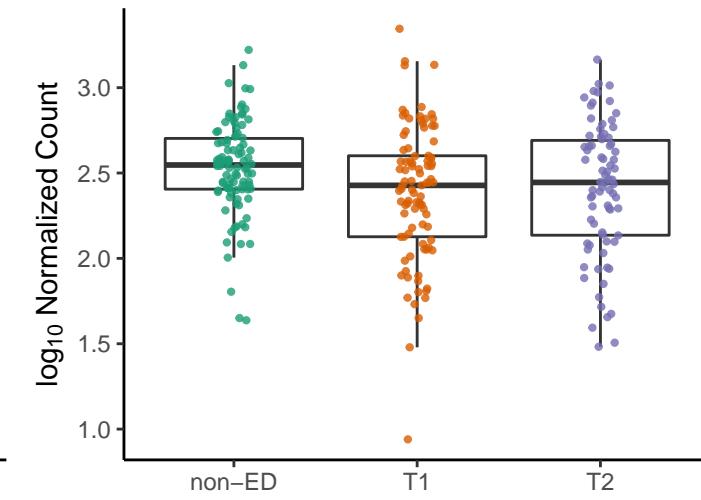
### Streptococcus agalactiae

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.77



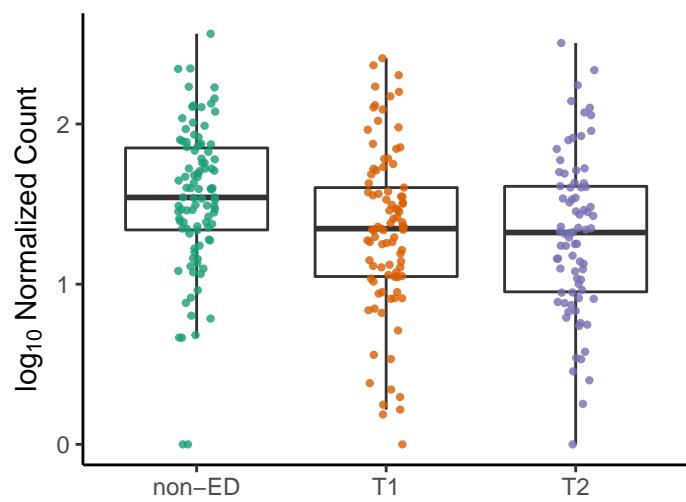
### Aeromonas veronii

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.73



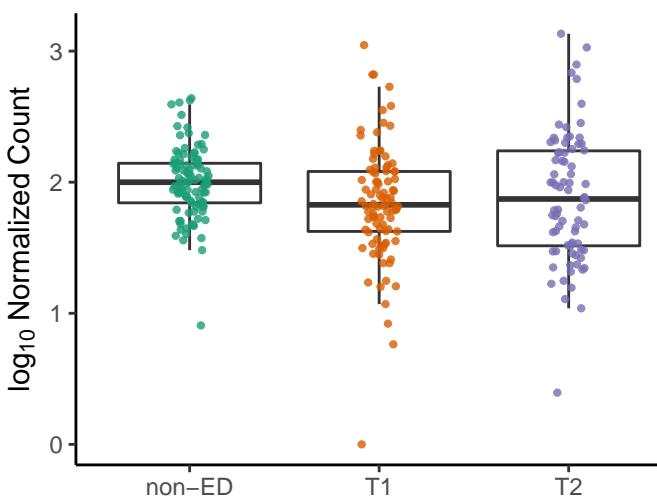
### *Mycoplasma hominis*

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



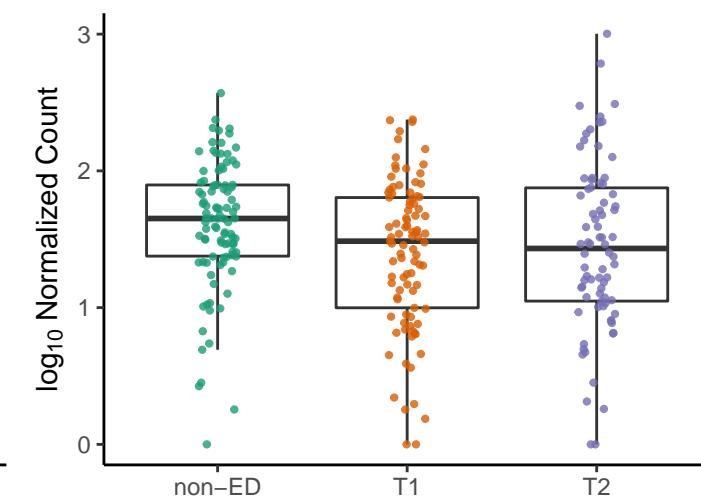
### *Calothrix sp. NIES-3974*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.74



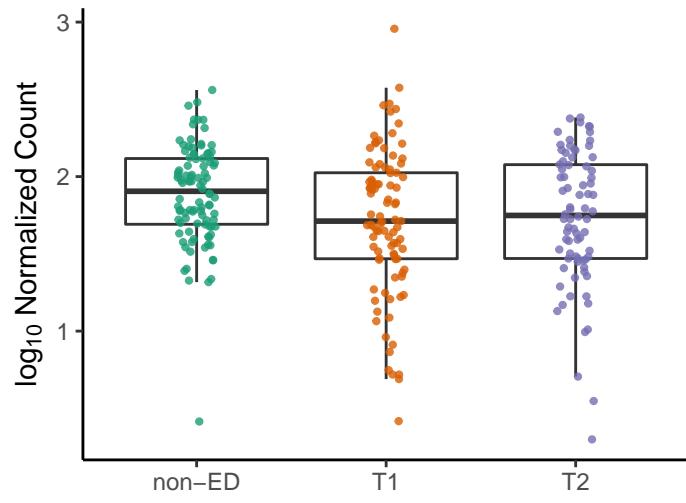
### *Burkholderia metallica*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.7



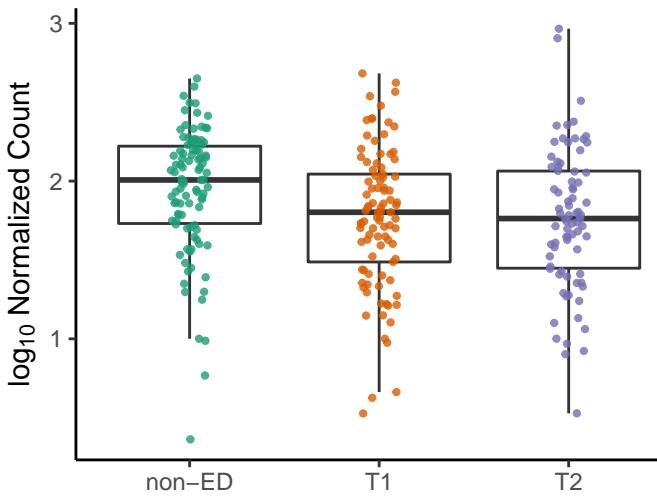
### *Mesorhizobium sp. M4B.F.Ca.ET.058.02.*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.7



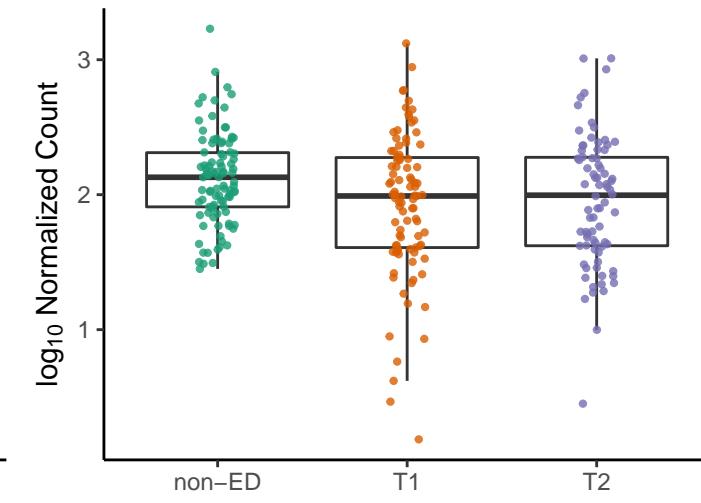
### *Arcobacter cryaerophilus*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.87



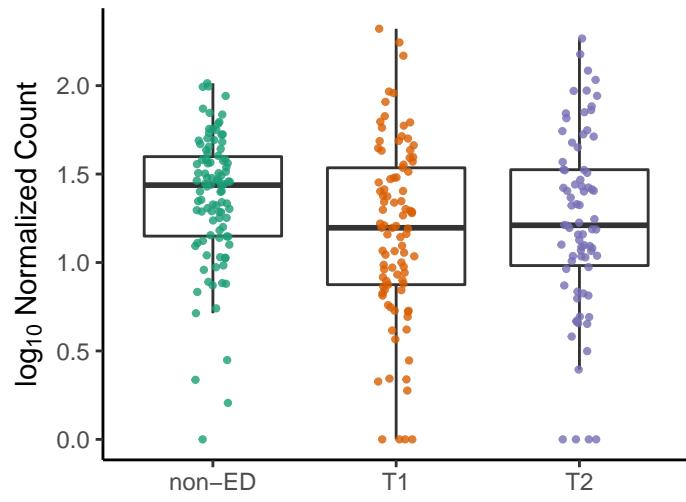
### *Caulobacter rhizosphaerae*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.76



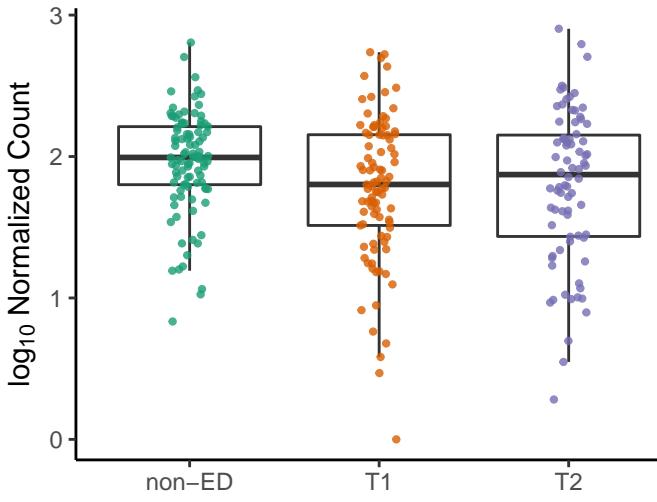
### *Coxiella endosymbiont of Amblyomma*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.74



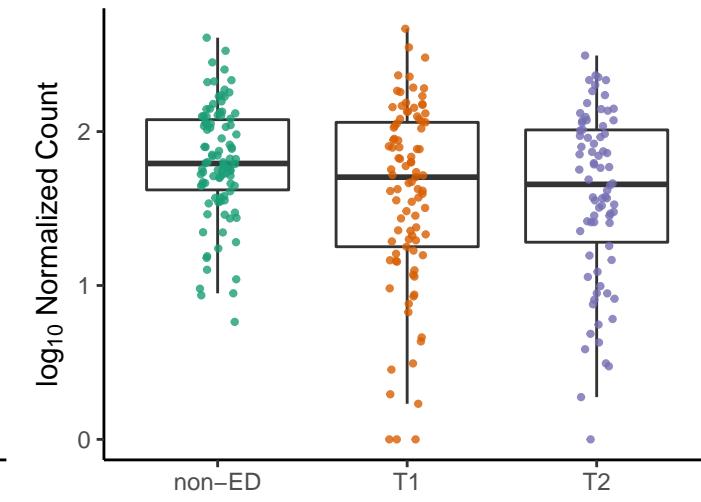
### *Sericinoccus sp. JLT9*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.79



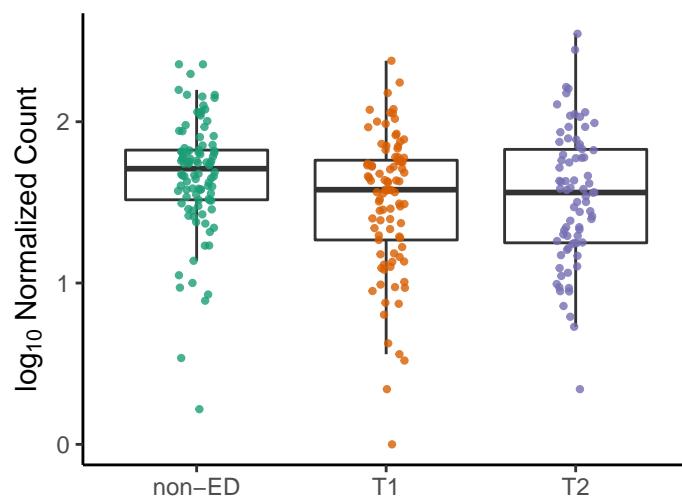
### Unclassified Intrasporangiaceae Family

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.91



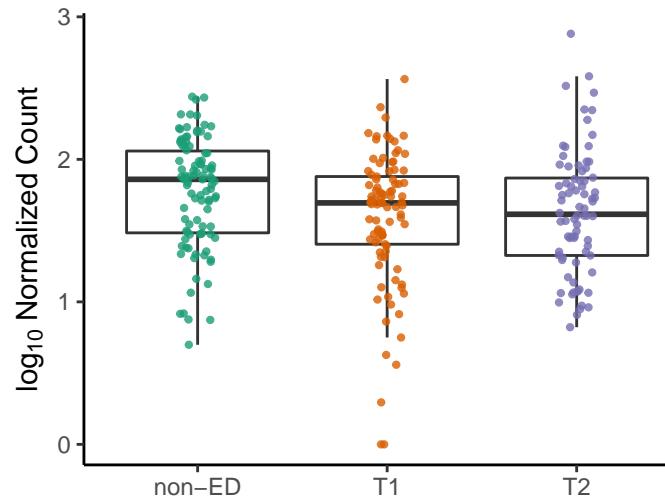
### *Colwellia* sp. 20A7

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.79



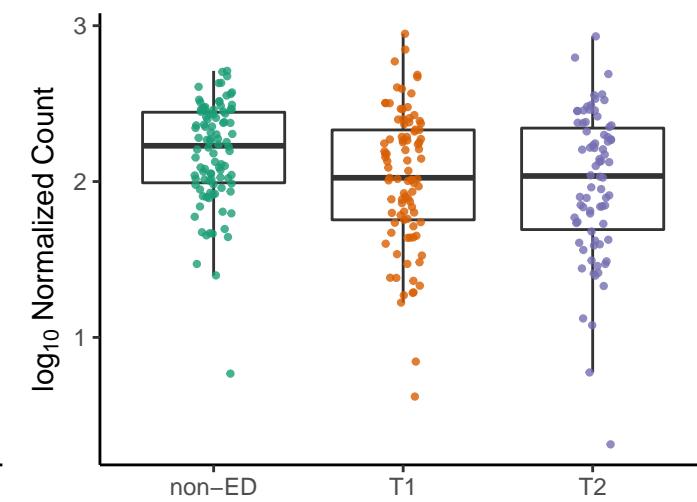
### *Mycobacterium lacus*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.75



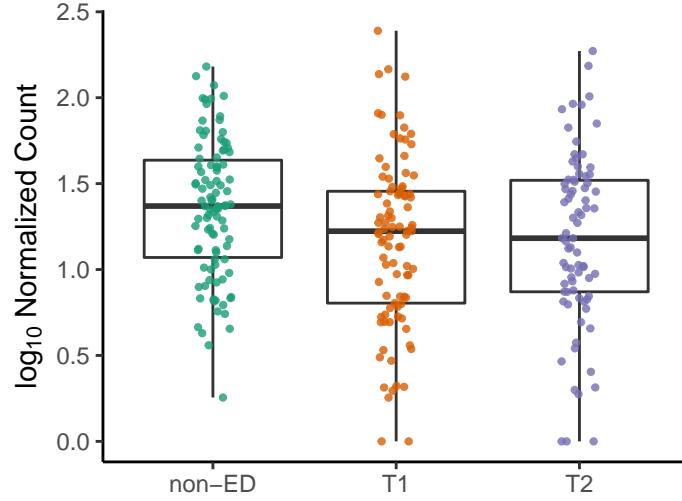
### *Marichromatium purpuratum*

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



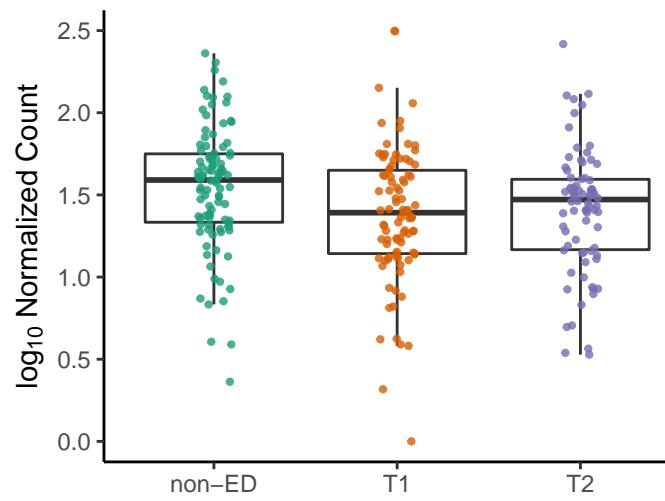
### Unclassified *Tessaracoccus* Genus

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.82



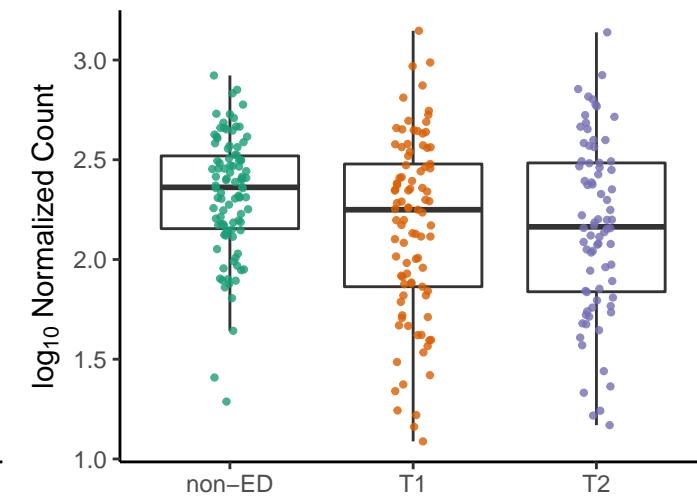
### *Acinetobacter lwoffii*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.98



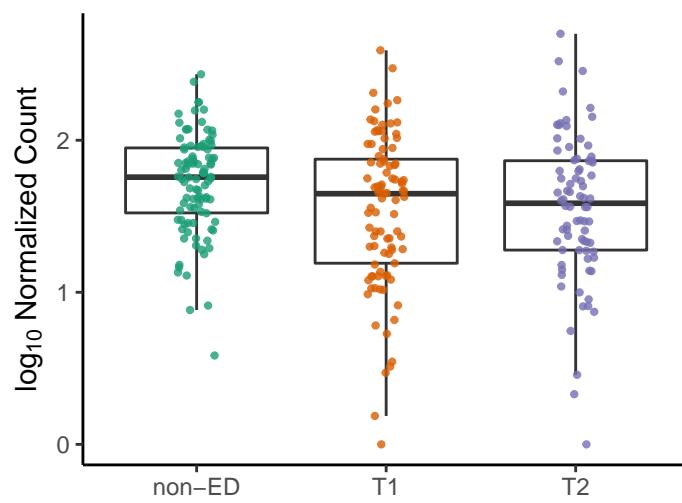
### *Actinoplanes friuliensis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.86



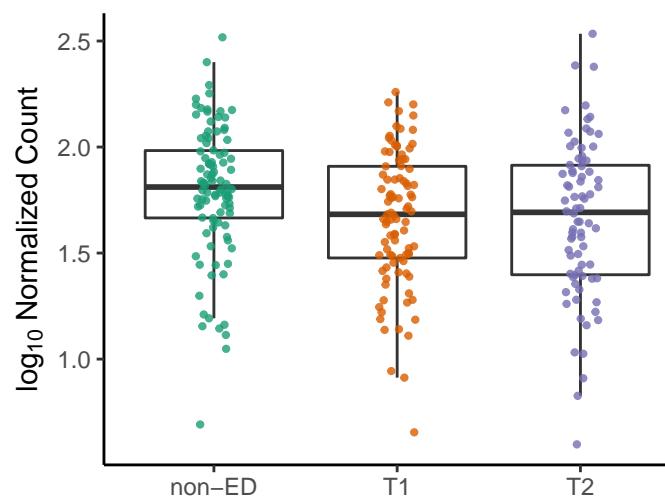
### *Methylacidiphilum infernorum*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.93



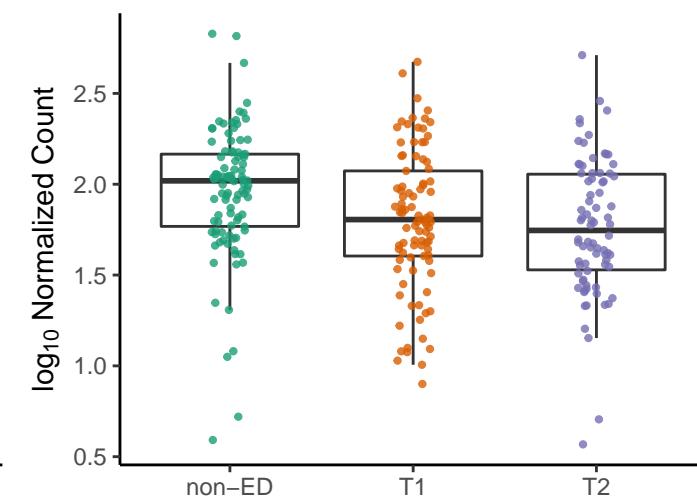
### *Tatumella citrea*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.95



### *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

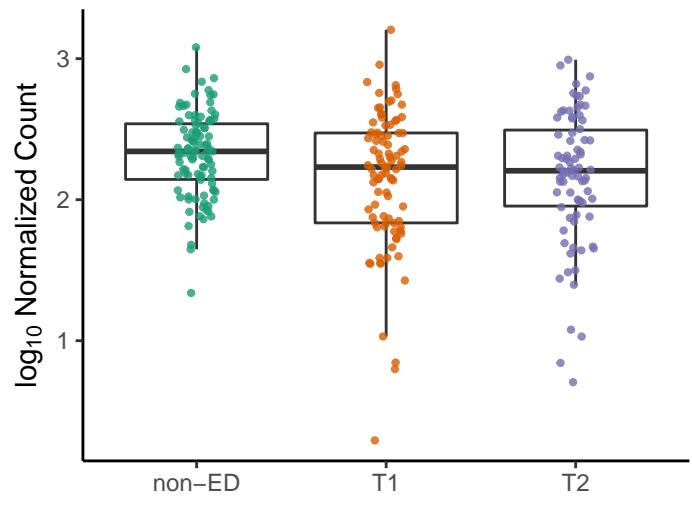


### *Pseudoxanthomonas suwonensis*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.04

T1 vs. T2 adjusted p = 0.86

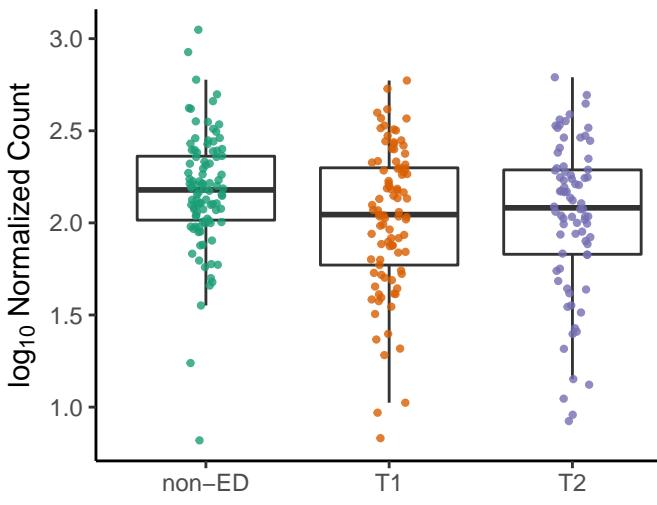


### *Pantoea dispersa*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.05

T1 vs. T2 adjusted p = 0.81

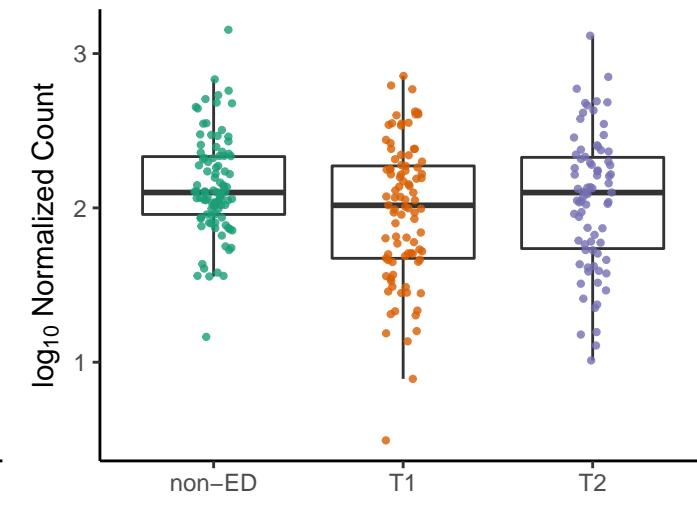


### *Saccharopolyspora* sp. ASAGF58

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.22

T1 vs. T2 adjusted p = 0.65

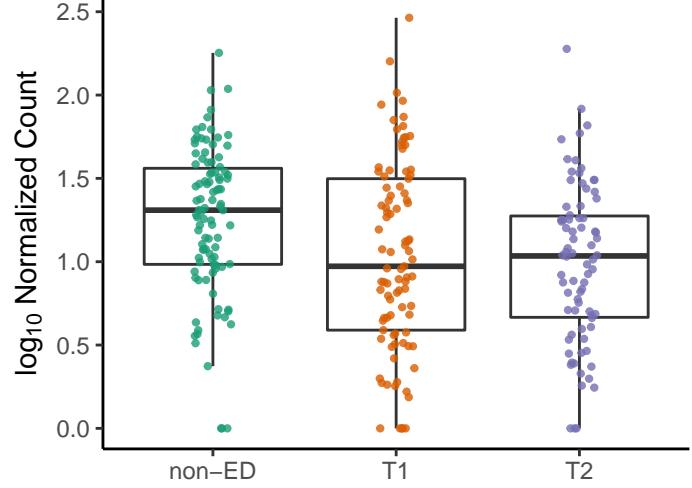


### *Mycoplasma phocirhinis*

non-ED vs. T1 adjusted p = 0.025

non-ED vs. T2 adjusted p = 0.0044

T1 vs. T2 adjusted p = 0.74

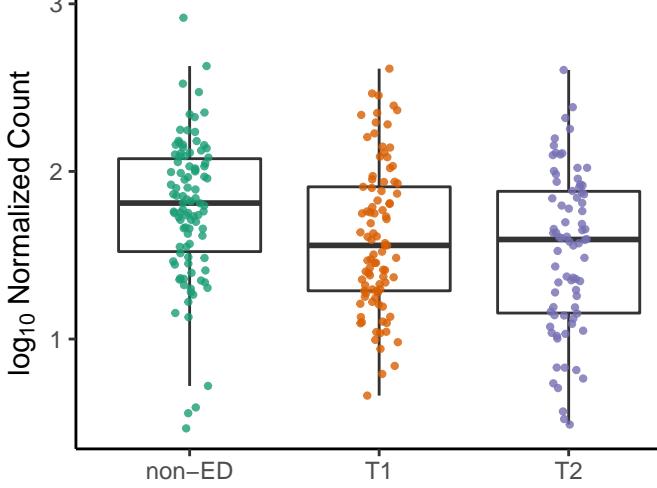


### *Spiroplasma chinense*

non-ED vs. T1 adjusted p = 0.025

non-ED vs. T2 adjusted p = 0.0046

T1 vs. T2 adjusted p = 0.77

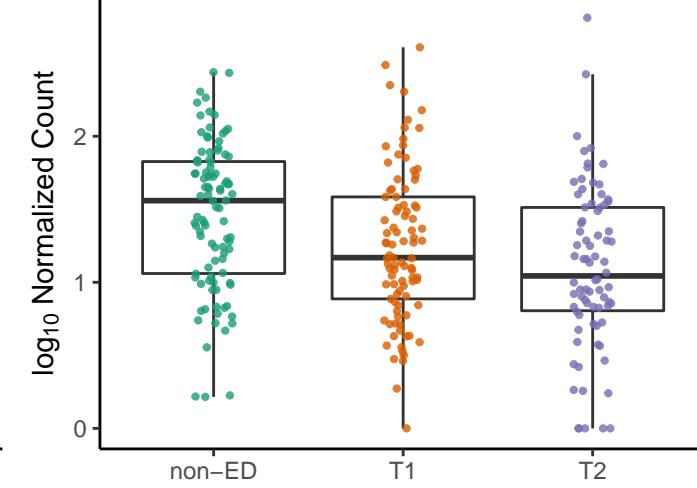


### *Proteus columbae*

non-ED vs. T1 adjusted p = 0.025

non-ED vs. T2 adjusted p = 0.00079

T1 vs. T2 adjusted p = 0.63

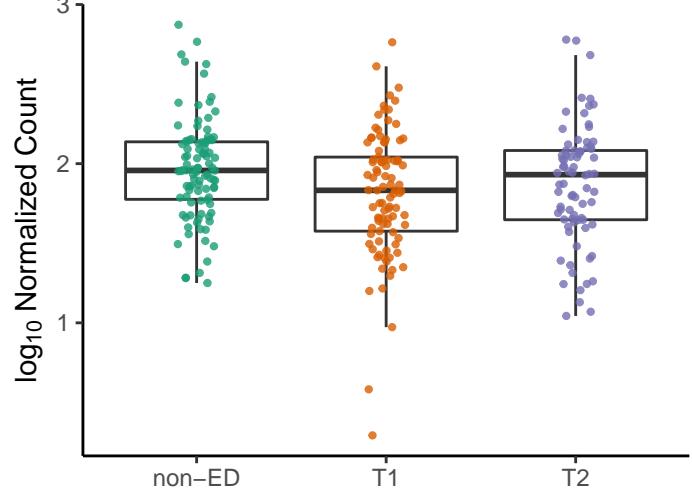


### *Actinobaculum* sp. 313

non-ED vs. T1 adjusted p = 0.025

non-ED vs. T2 adjusted p = 0.15

T1 vs. T2 adjusted p = 0.66

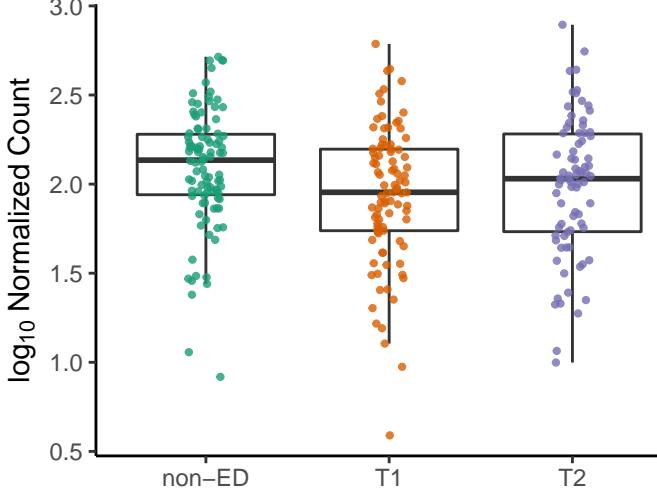


### *Lactobacillus pontis*

non-ED vs. T1 adjusted p = 0.025

non-ED vs. T2 adjusted p = 0.14

T1 vs. T2 adjusted p = 0.72

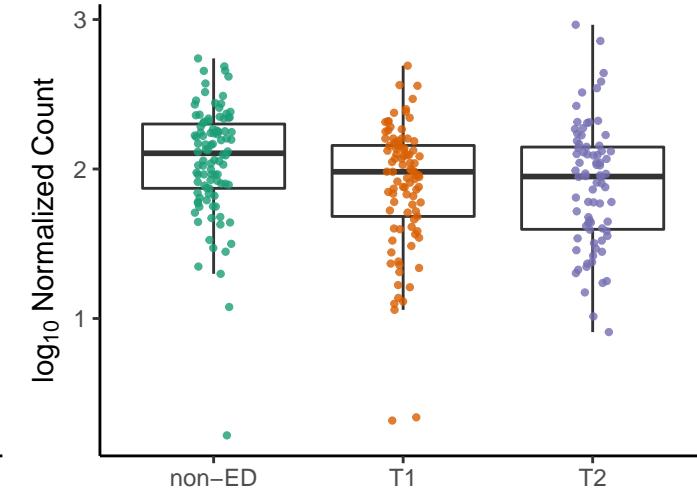


### *Pontibacillus* sp. HMF3514

non-ED vs. T1 adjusted p = 0.025

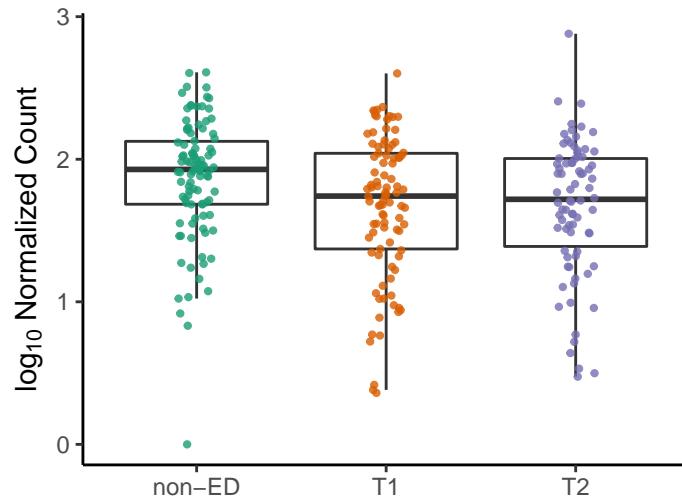
non-ED vs. T2 adjusted p = 0.034

T1 vs. T2 adjusted p = 0.98



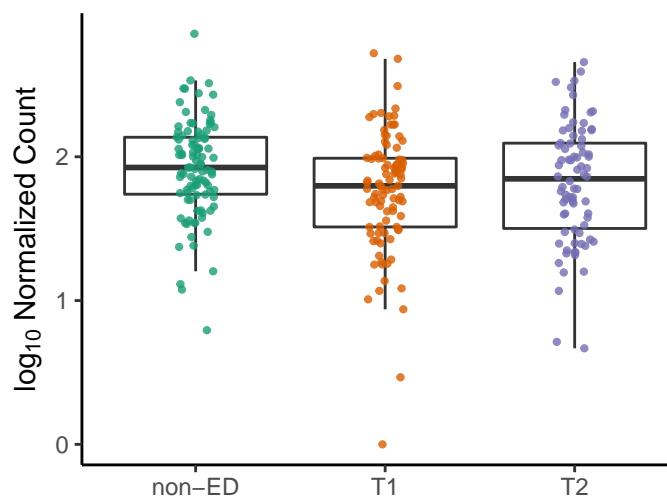
### *Acetobacter ghanensis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.92



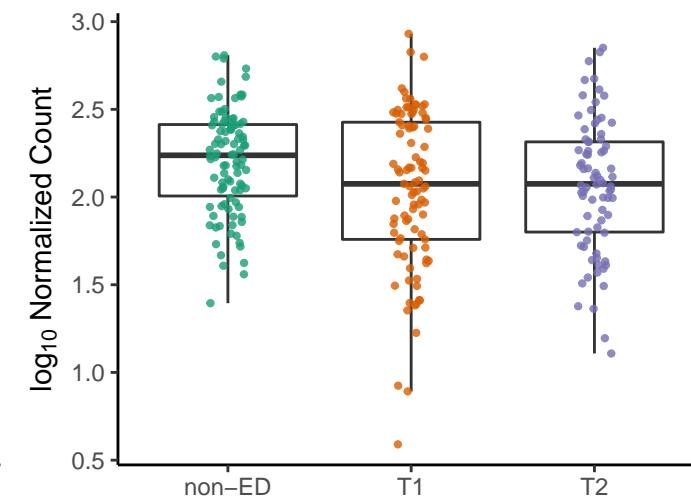
### *Agrobacterium larrymoorei*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.67



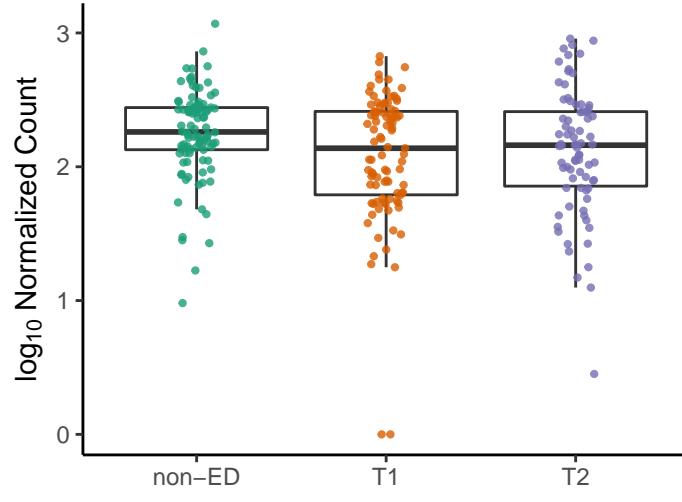
### Unclassified Pseudarthrobacter Genus

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.75



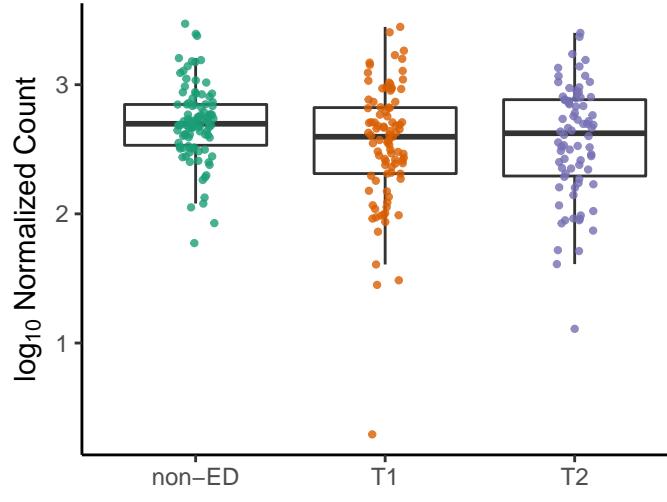
### *Massilia flava*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.77



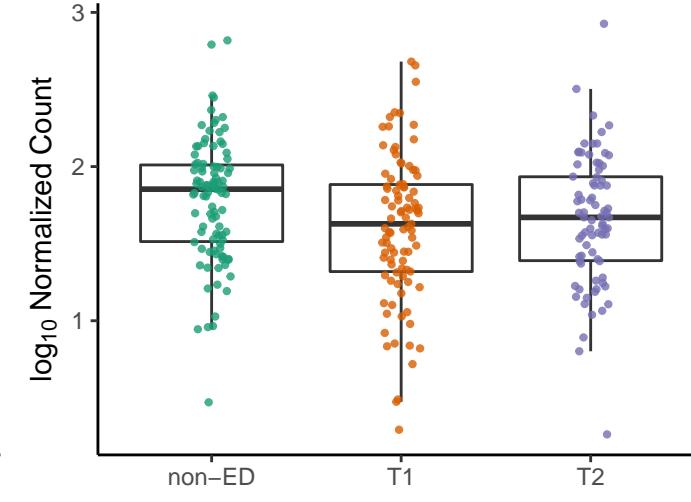
### Unclassified Azospirillum Genus

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.77



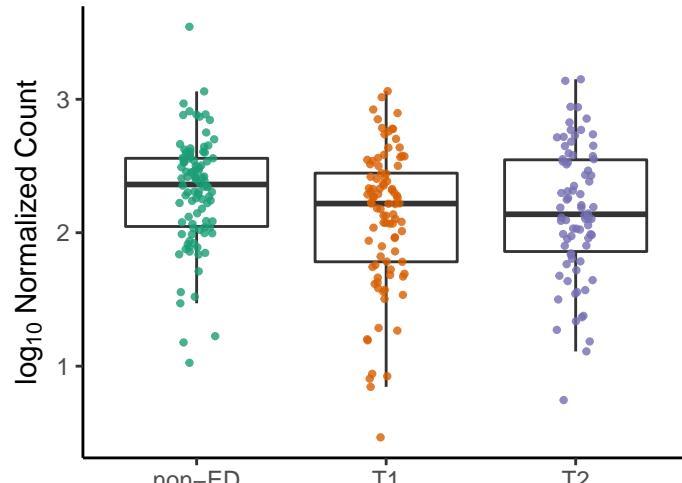
### Unclassified Helicobacter Genus

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.63



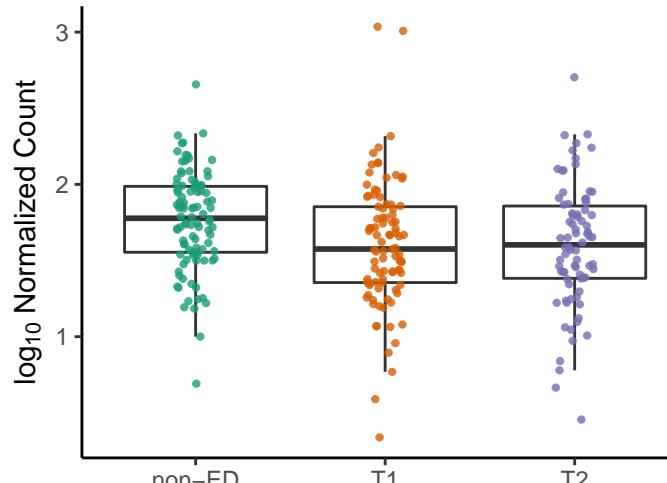
### *Phenylbacterium zucineum*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.72



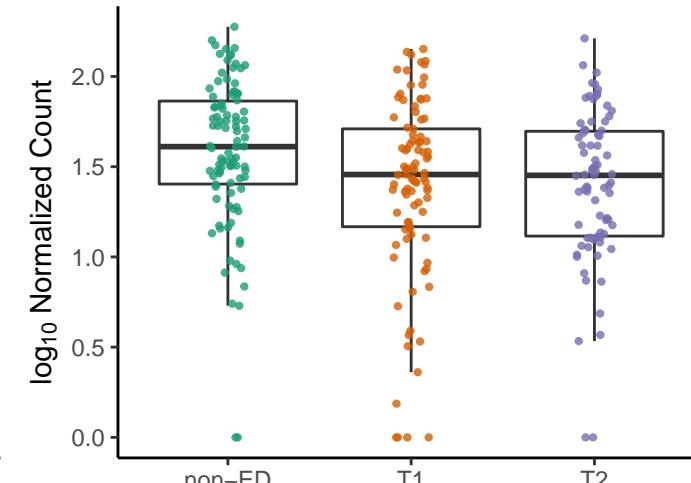
### *Lactobacillus paraplatantarum*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.96



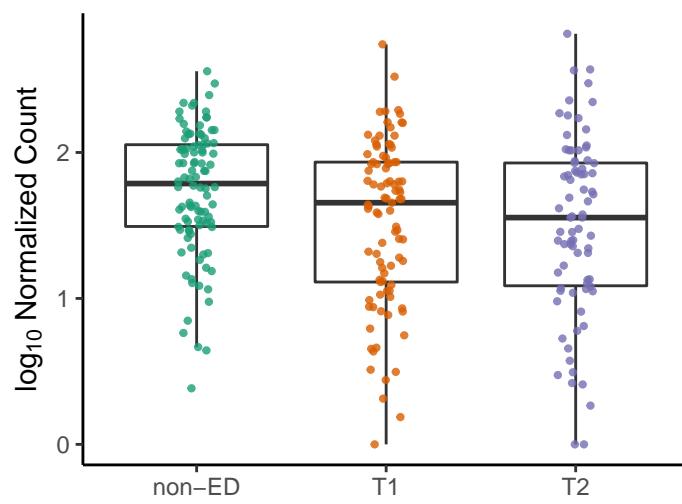
### *Francisella hispaniensis*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



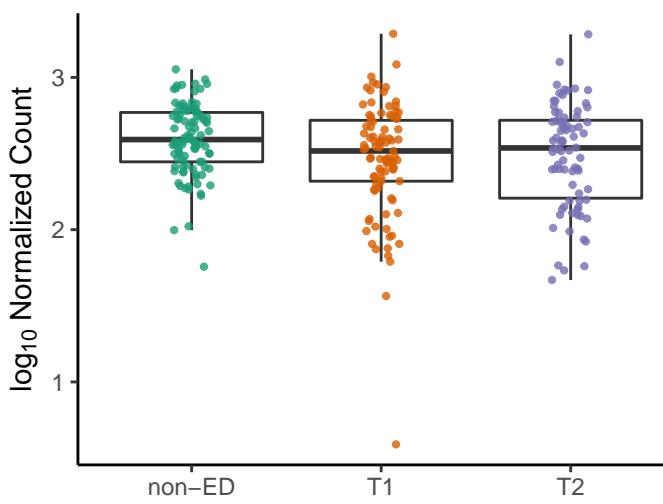
### *Streptomyces* sp. MOE7

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 1



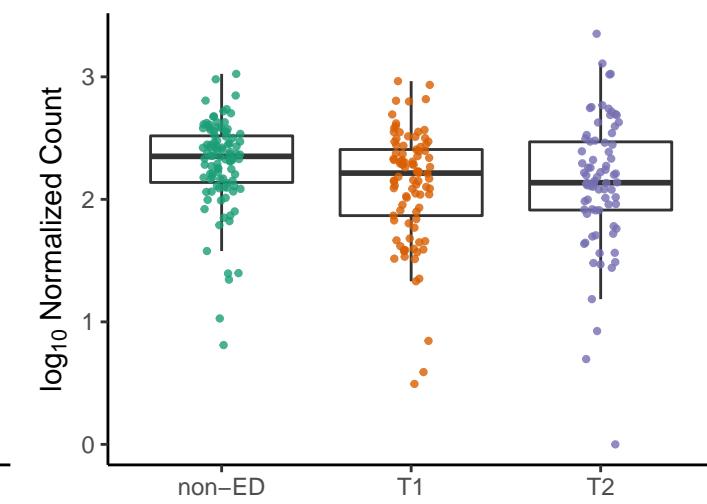
### Unclassified Sphingomonadaceae Family

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.77



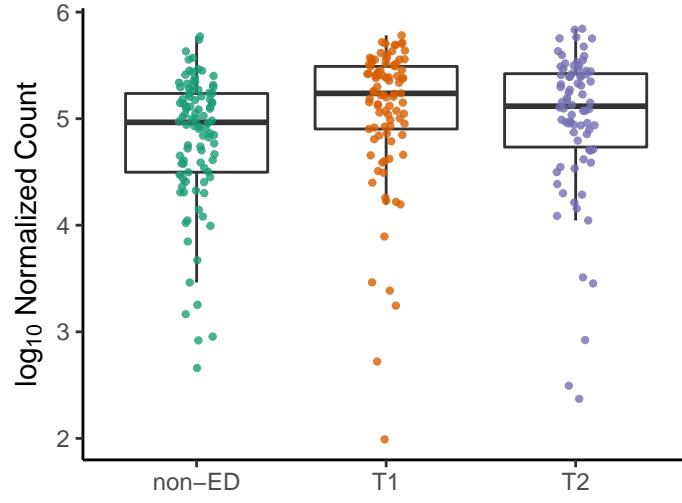
### *Vogesella* sp. LIG4

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.86



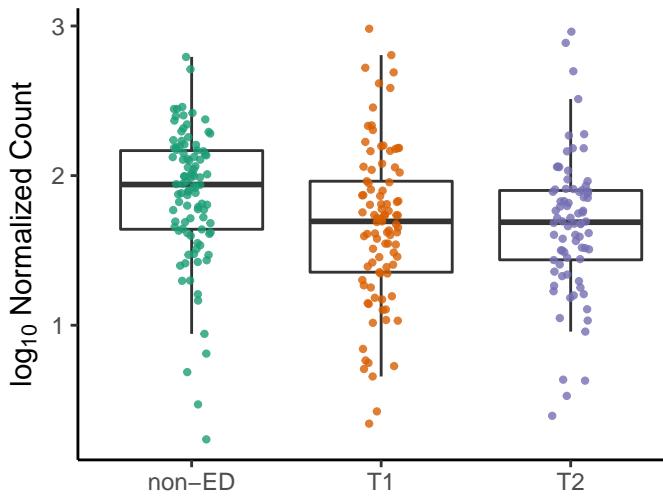
### Unclassified Bacteroidales Order

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.68



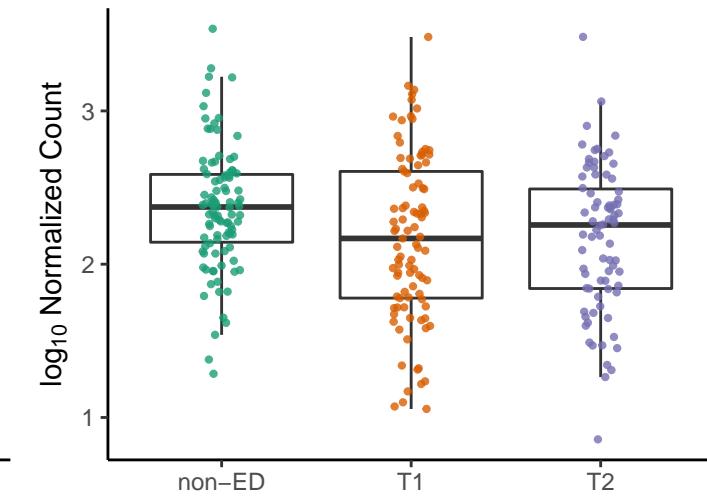
### *Campylobacter pinnipediorum*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.93



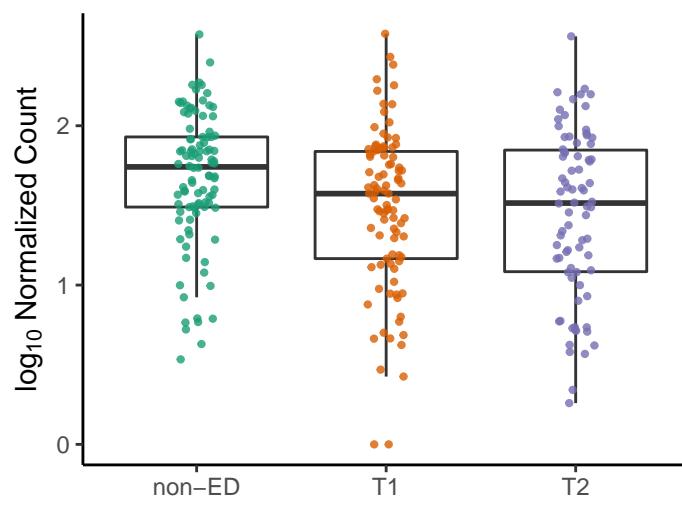
### Unclassified Actinomycetaceae Family

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



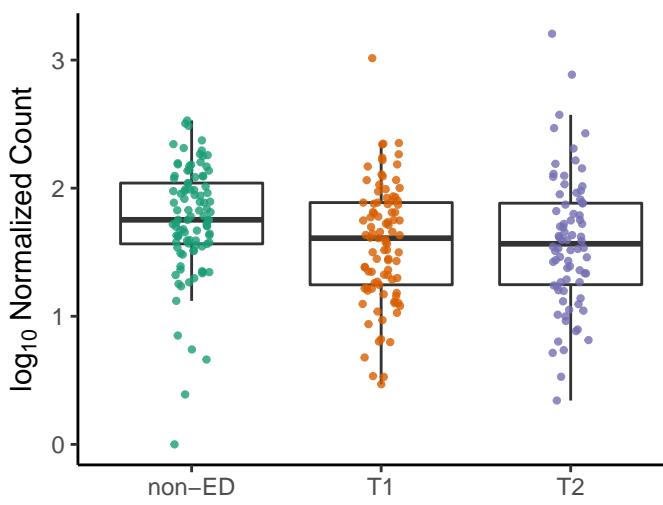
### *Shewanella maritima*

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



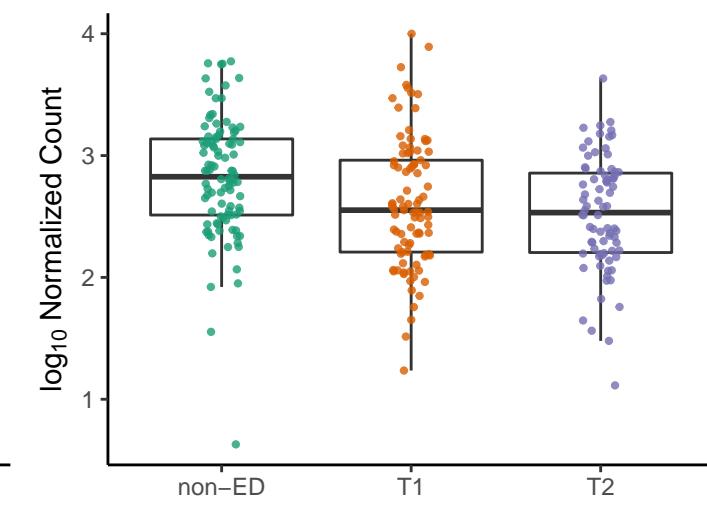
### *Leptotrichia* sp. oral taxon 498

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.93



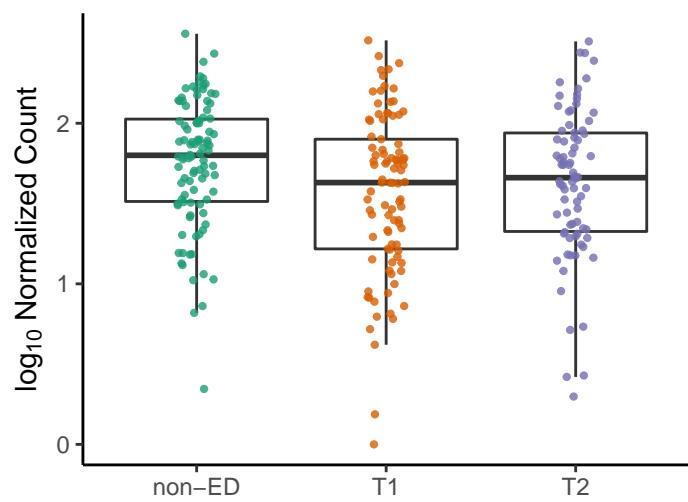
### *Romboutsia hominis*

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



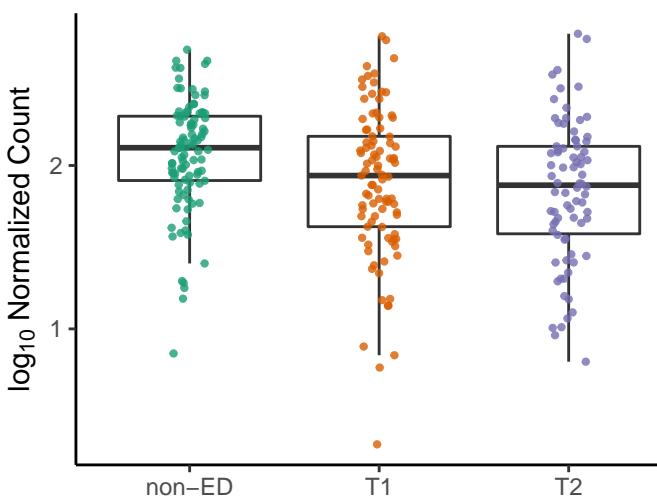
### *Mycobacterium simiae*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.74



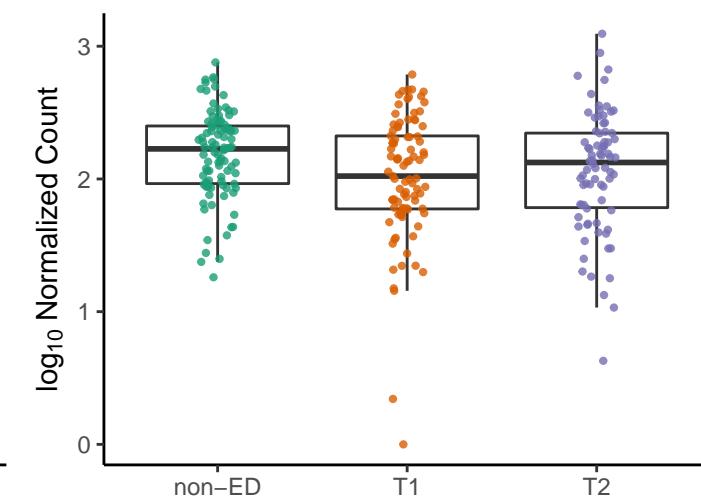
### *Prosthecochloris sp. GSB1*

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



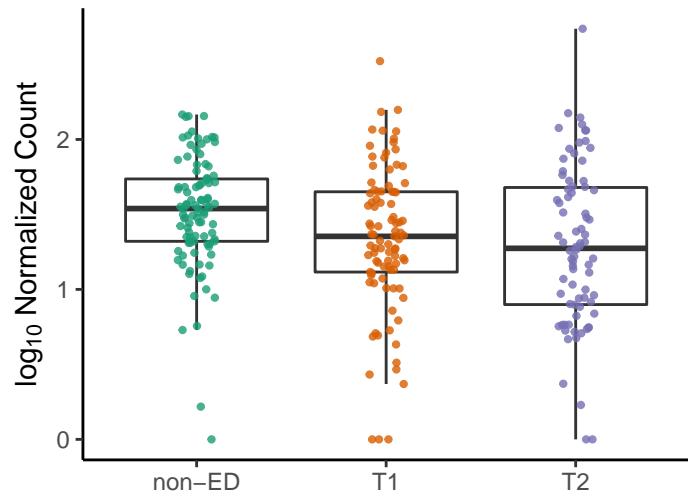
### *Amycolatopsis sp. AA4*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.76



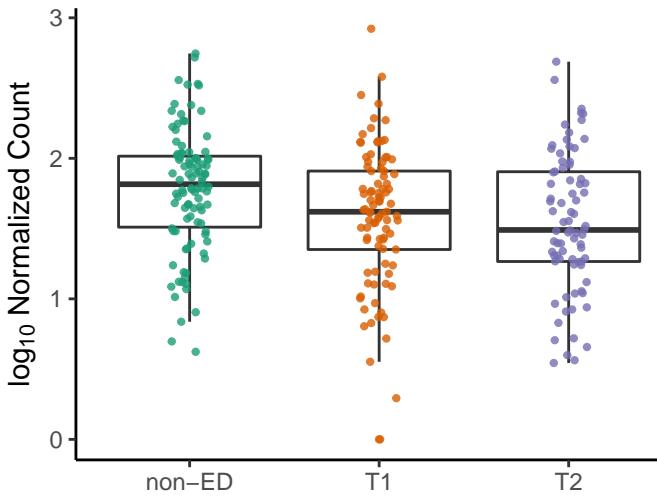
### *Francisella halioticida*

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



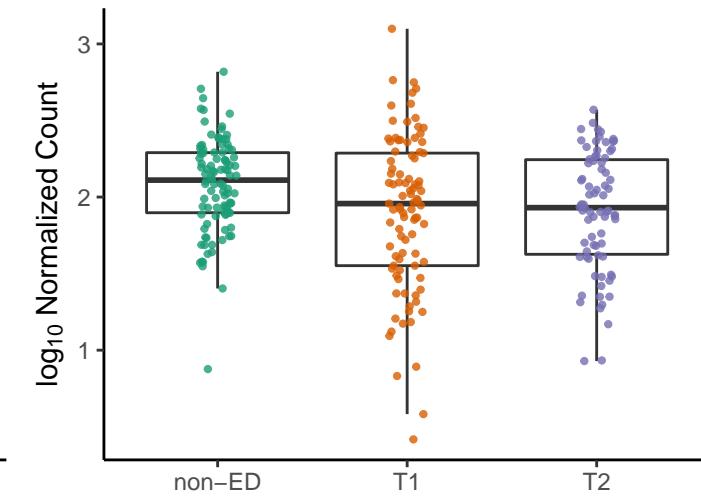
### *Microbacterium endophyticum*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.99



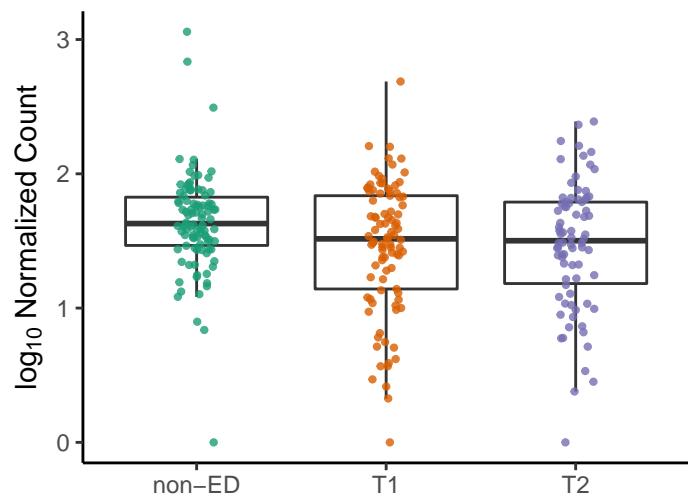
### *Planctomycetes bacterium Pan44*

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



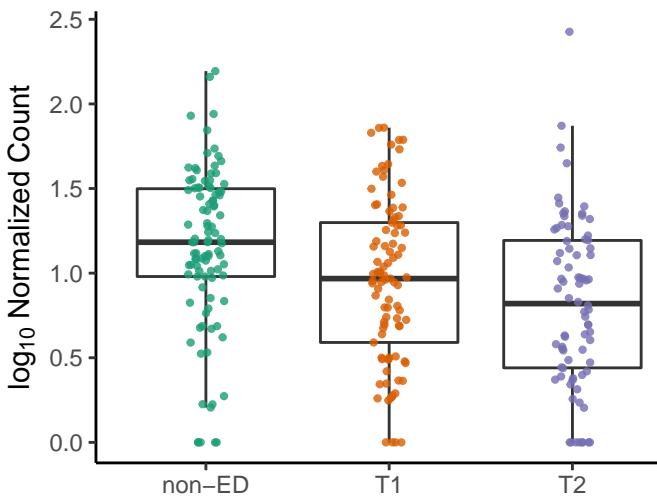
### *Pseudomonas sp. R32*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.8



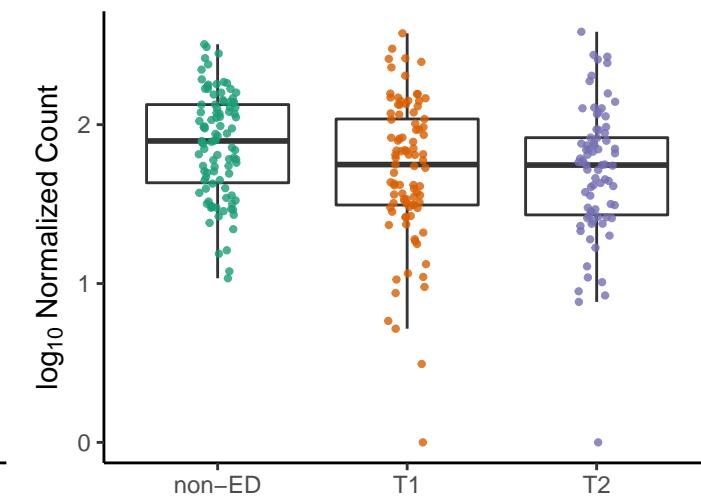
### *Dolichospermum compactum*

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



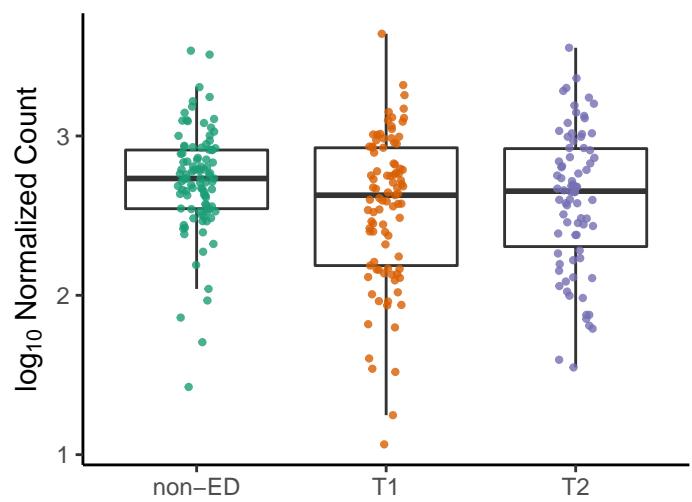
### *Pseudolysobacter antarcticus*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.99



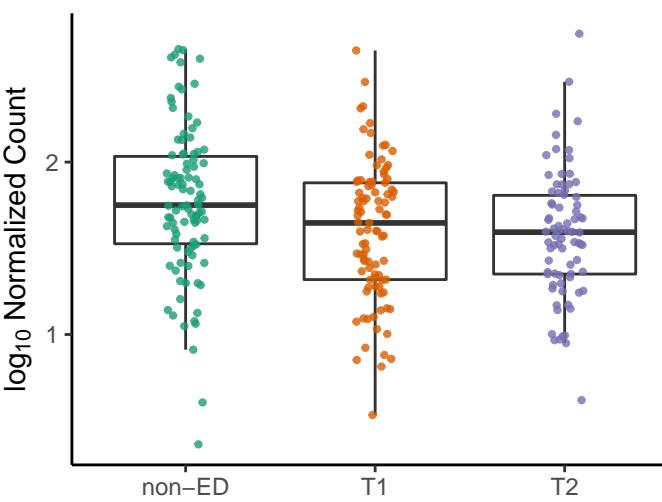
### Unclassified Methylobacterium Genus

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.66



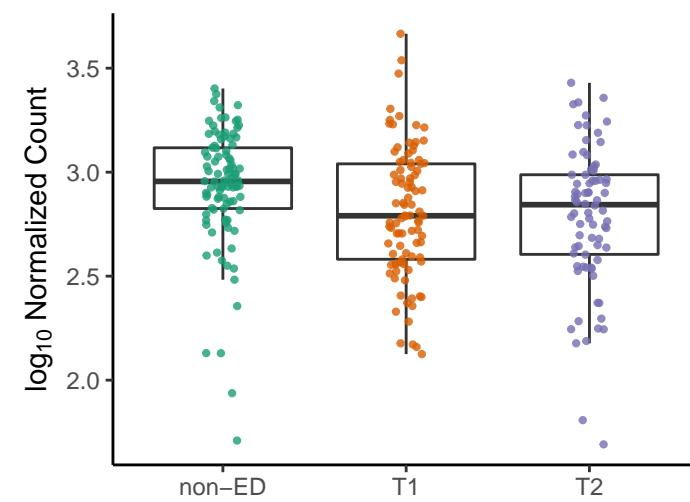
### *Staphylococcus kloosii*

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



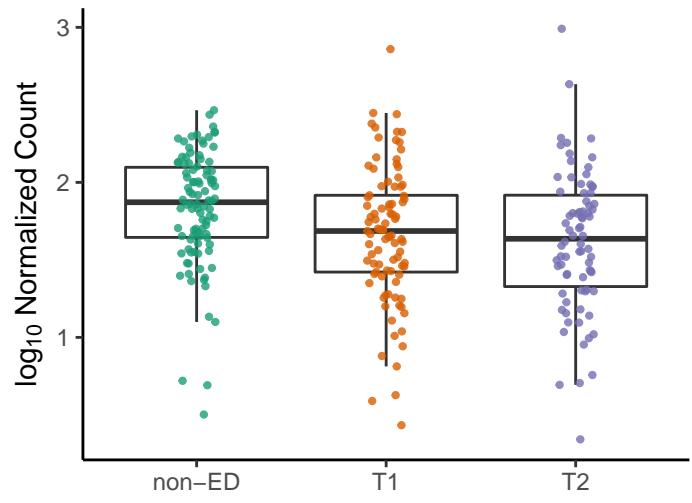
### *Clostridium pasteurianum*

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.89



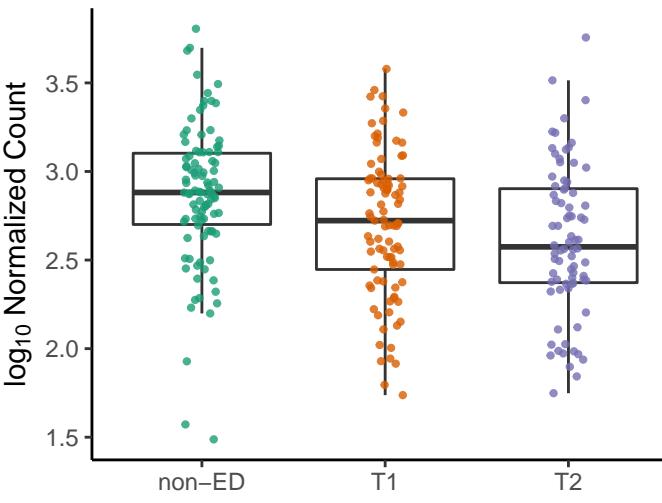
### *Crocospaera subtropica*

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



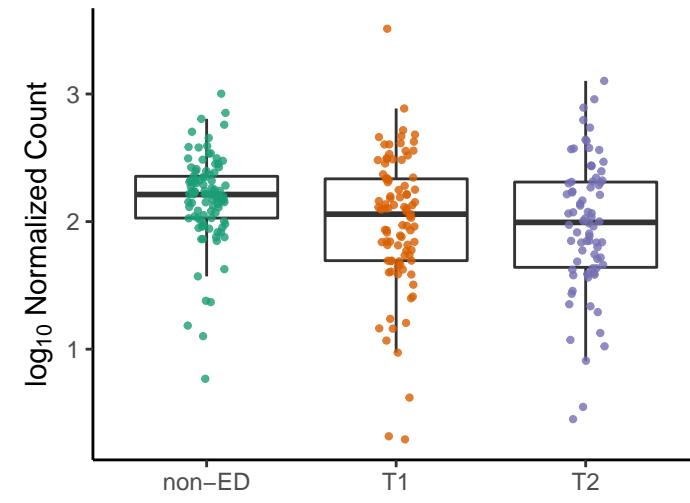
### *Enterococcus cecorum*

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



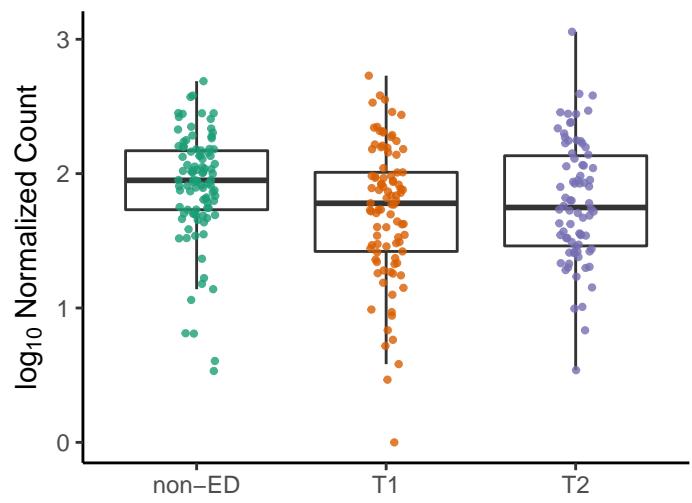
### Melaminivora sp. SC2-9

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.9



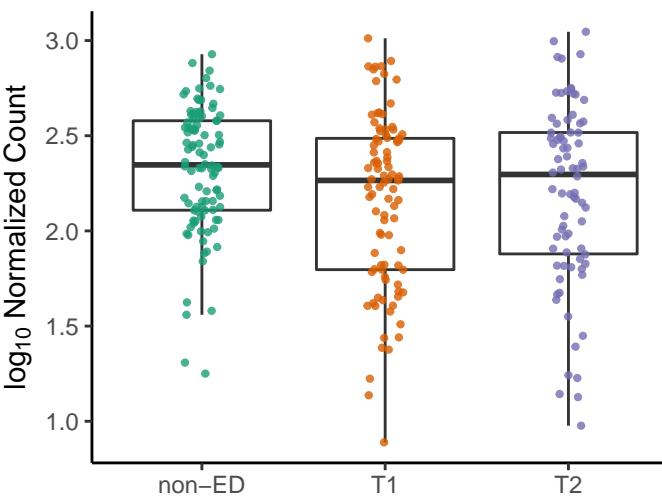
### methanogenic archaeon ISO4-H5

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.57



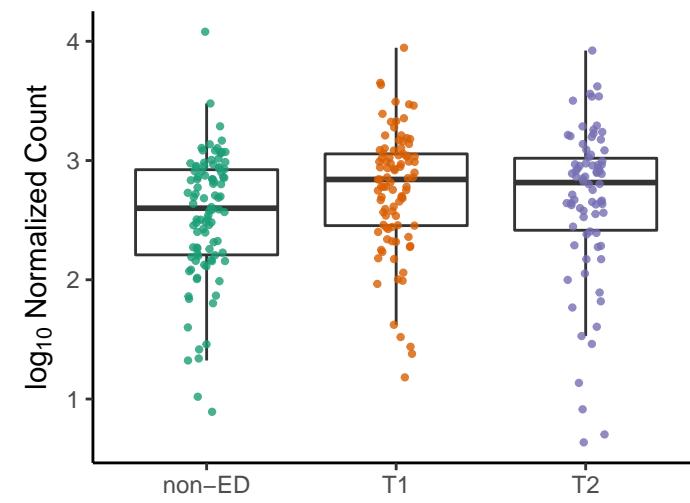
### Actinoplanes sp. N902-109

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.68



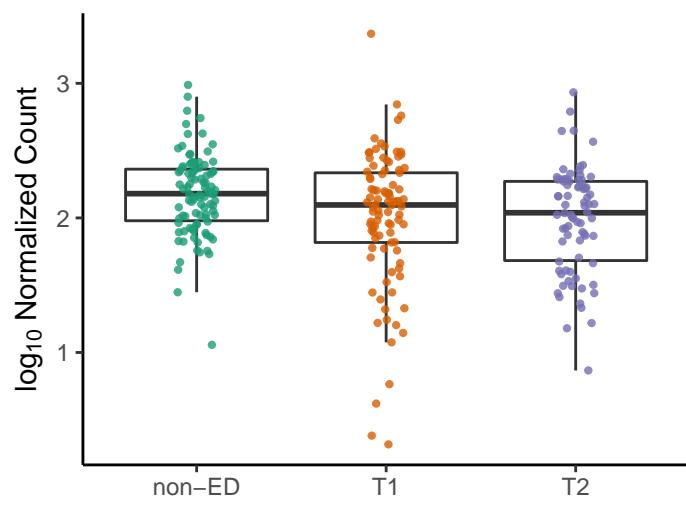
### *Bacteroides coprosuis*

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.67



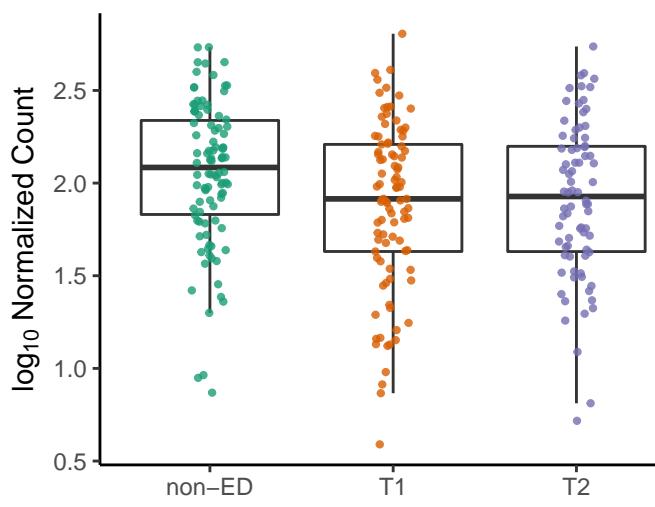
### *Bradyrhizobium* sp. ORS 285

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



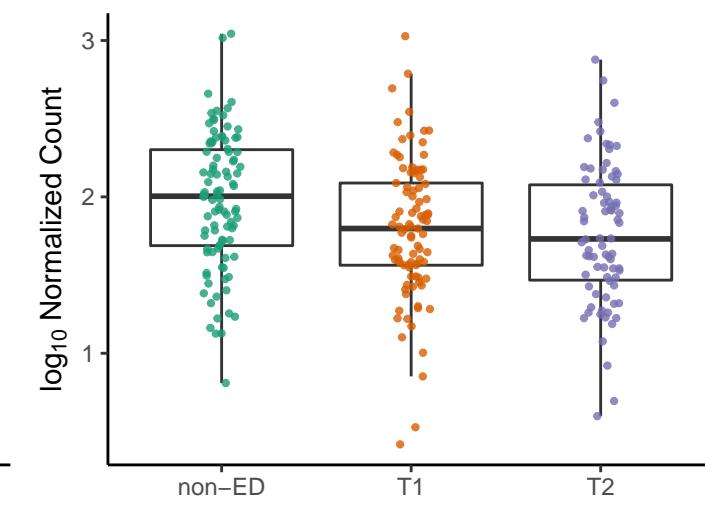
### *Nocardioides* sp. HDW12B

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.77



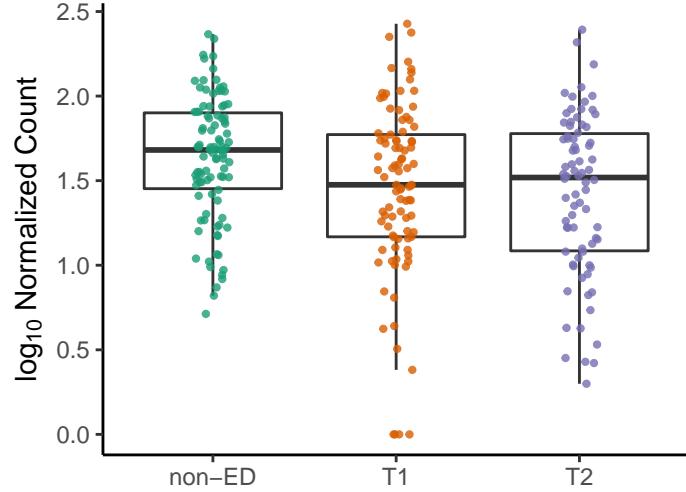
### *Alteromonas* mediterranea

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



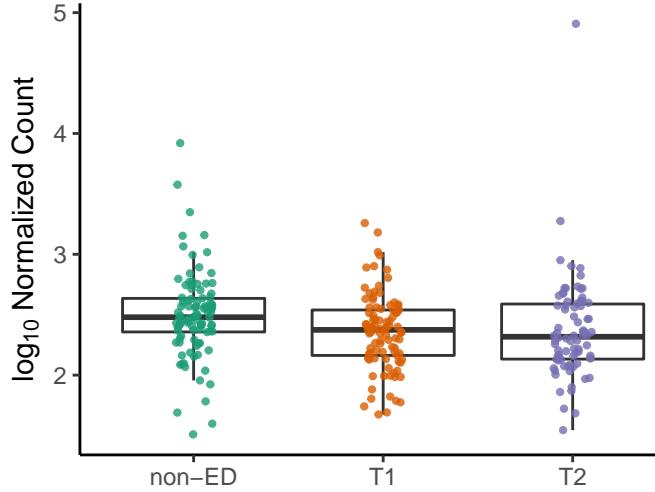
### Unclassified Methylibium Genus

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



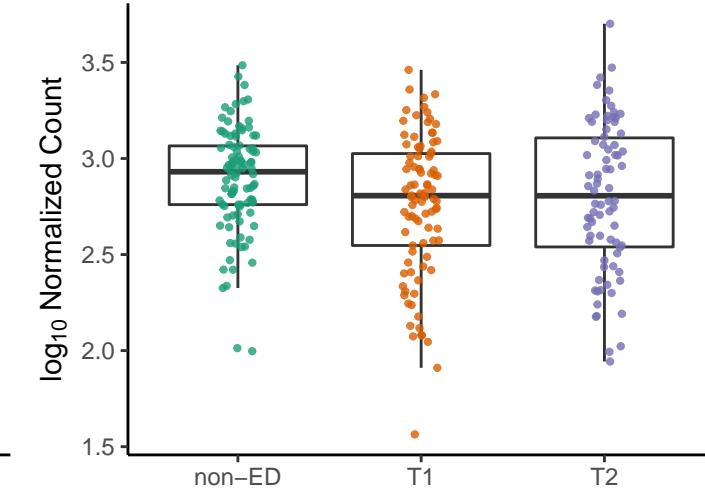
### *Lactobacillus* curvatus

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.87



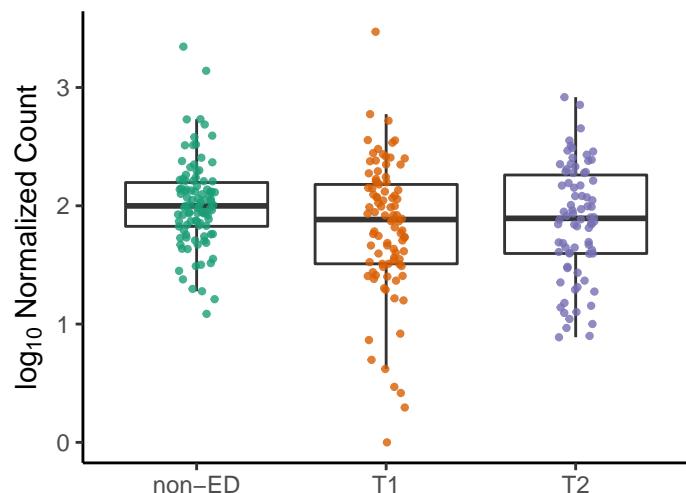
### *Selenomonas* sputigena

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.68



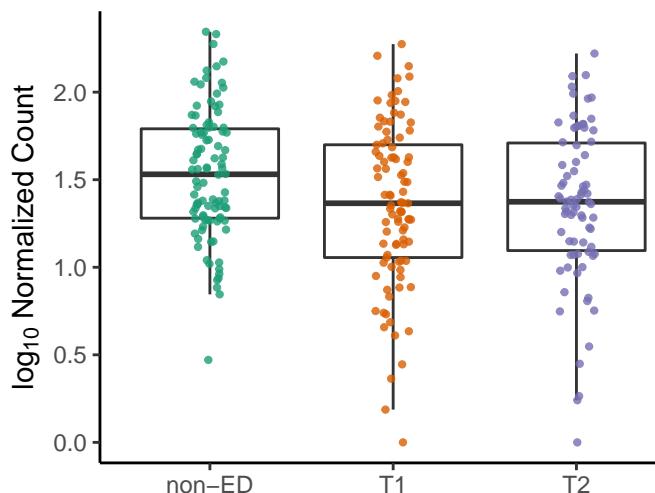
### *Pseudonocardia* sp. HH130629-09

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.68



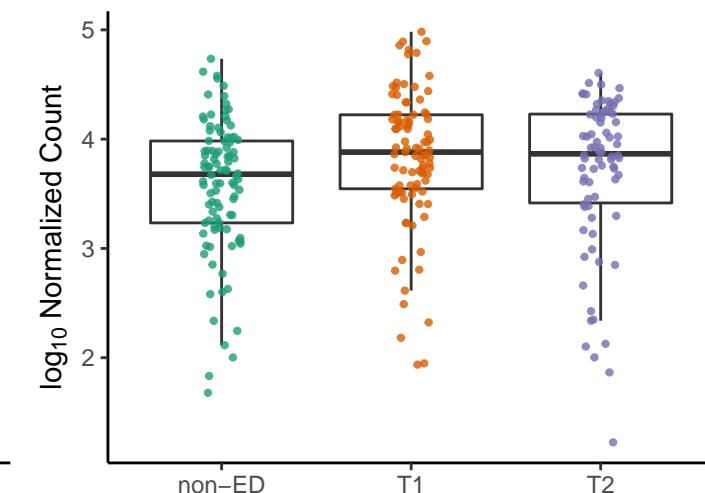
### *Acinetobacter* sp. ACNIH2

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



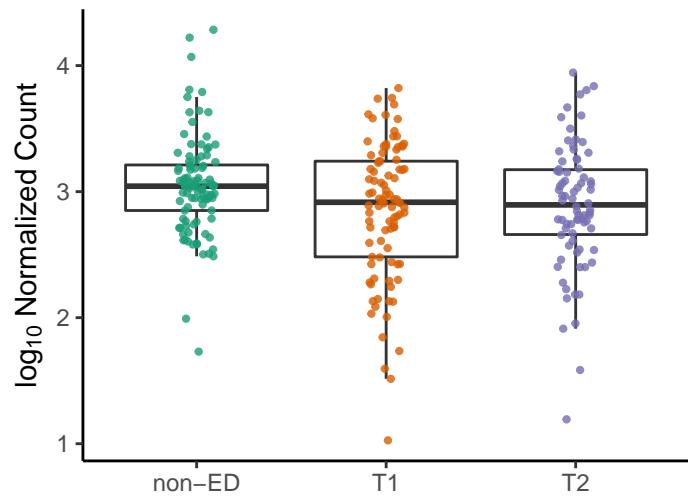
### *Bacteroides* sp. CBA7301

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.45



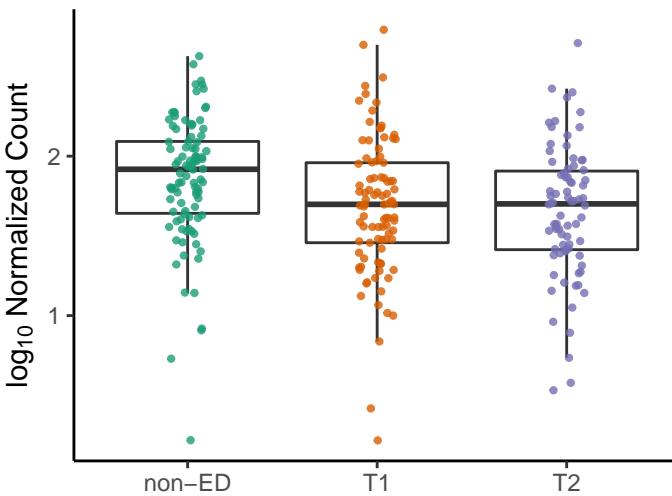
### Coriobacteriaceae bacterium 68-1-3

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.81



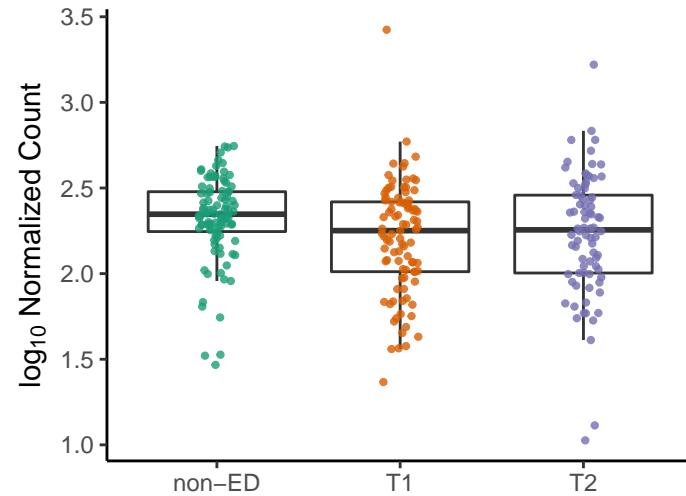
### Silvanigrellales bacterium RF1110005

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



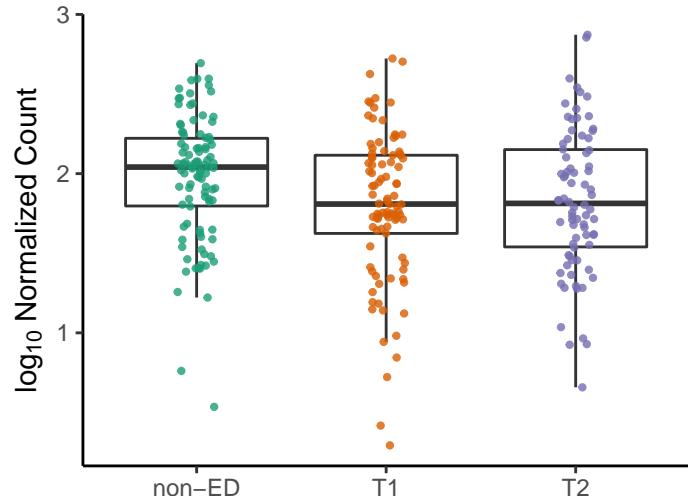
### Paenibacillus sp. FSL R5-0345

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.86



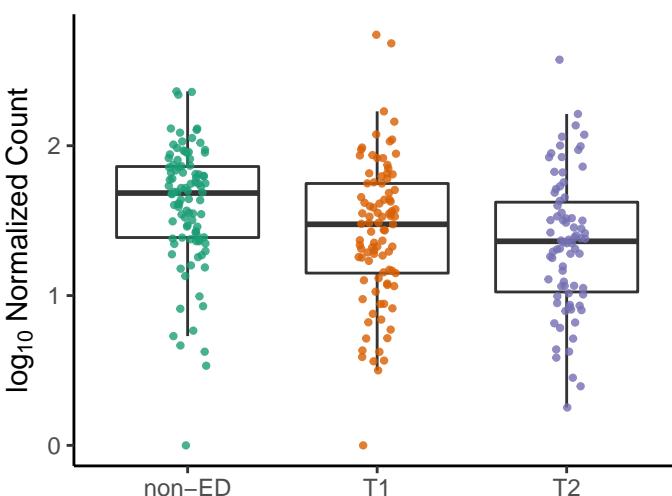
### Chitinolyticbacter meiyuanensis

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.78



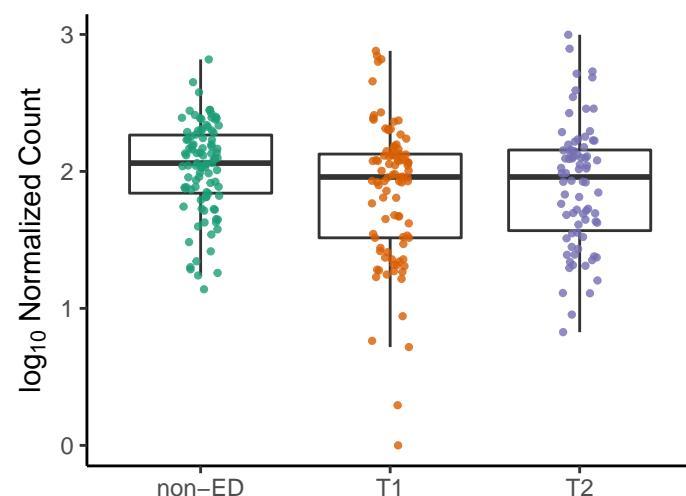
### Nitratiruptor sp. SB155-2

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.73



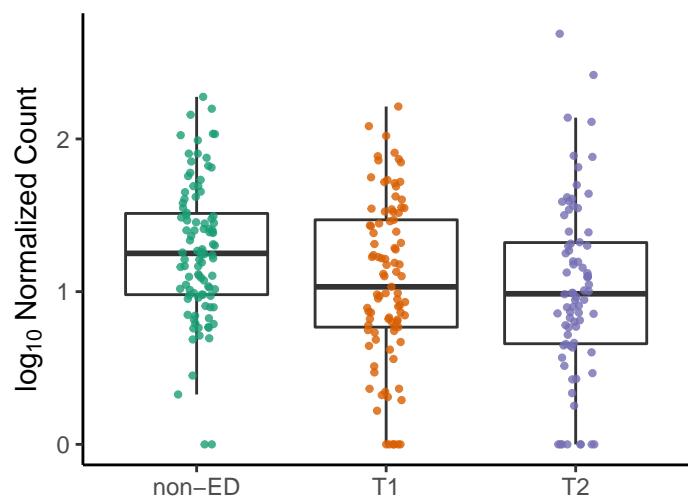
### Rubrobacter radiotolerans

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.68



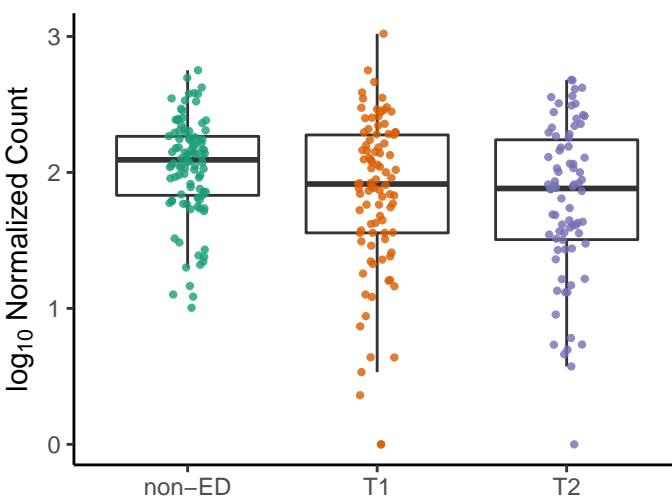
### Methanocaldococcus infernus

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



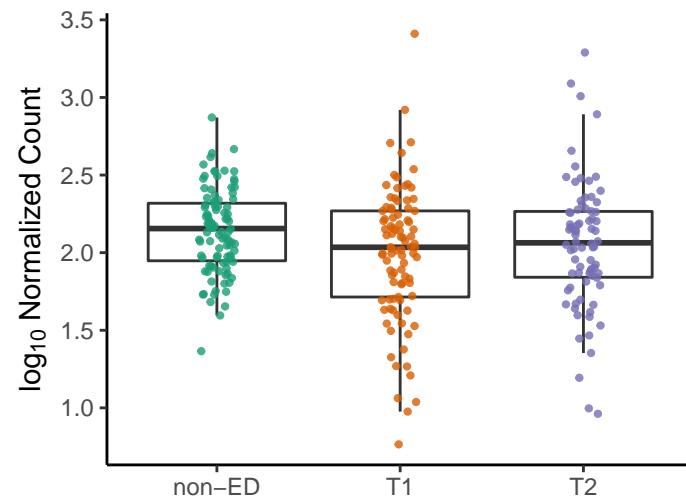
### Streptomyces sp. 2323.1

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



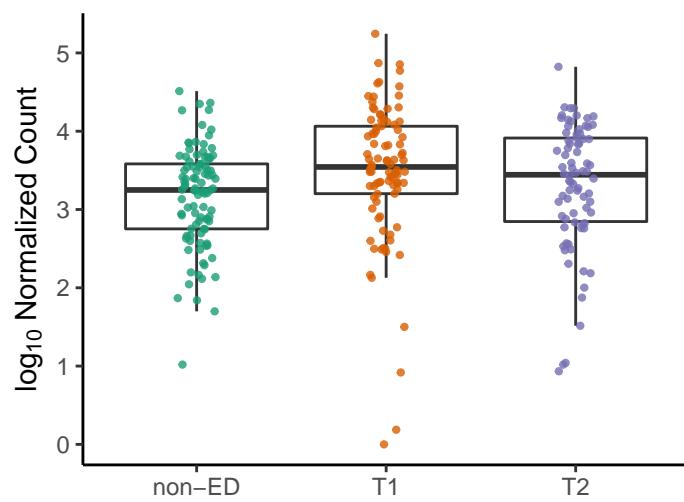
### Burkholderia pseudomallei

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.67



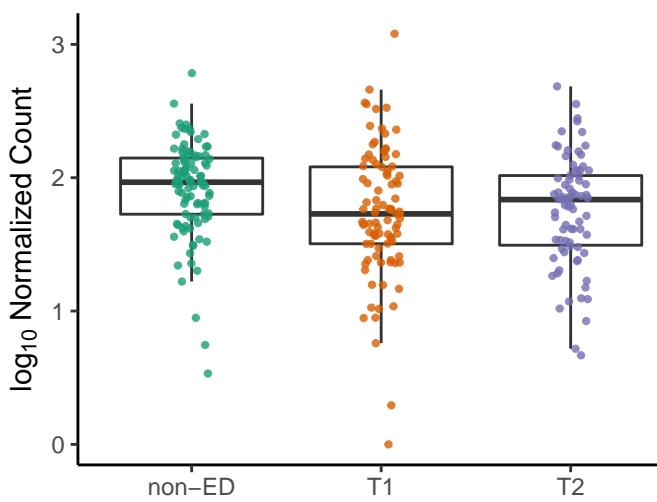
### *Parabacteroides* sp. CT06

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.31  
T1 vs. T2 adjusted p = 0.5



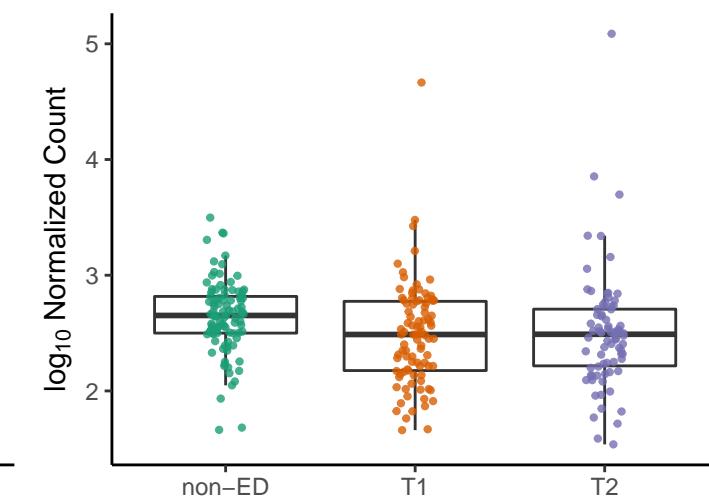
### *Halomonas* sp. NBT06E8

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.78



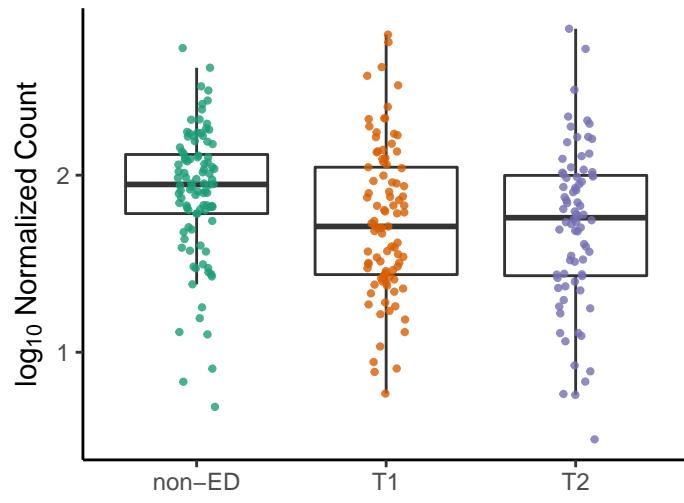
### *Atopobium* parvulum

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.85



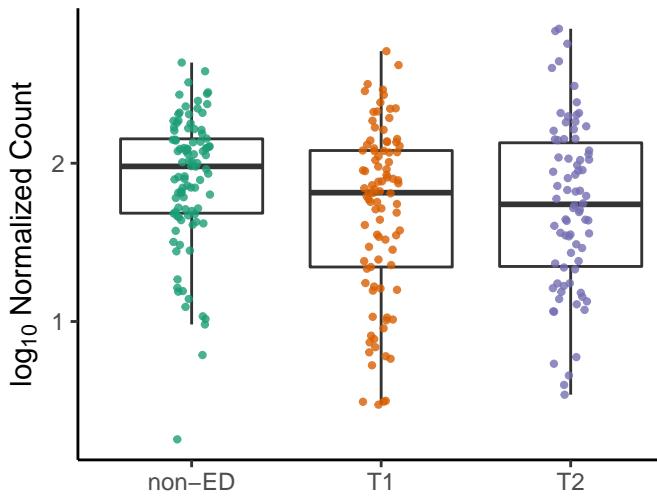
### *Halarcobacter bivalviorum*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.81



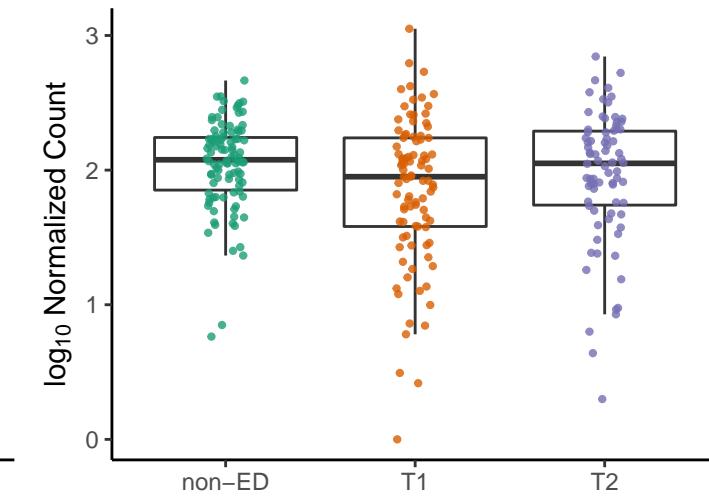
### *Microbacterium* sp. BH-3-3-3

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.74



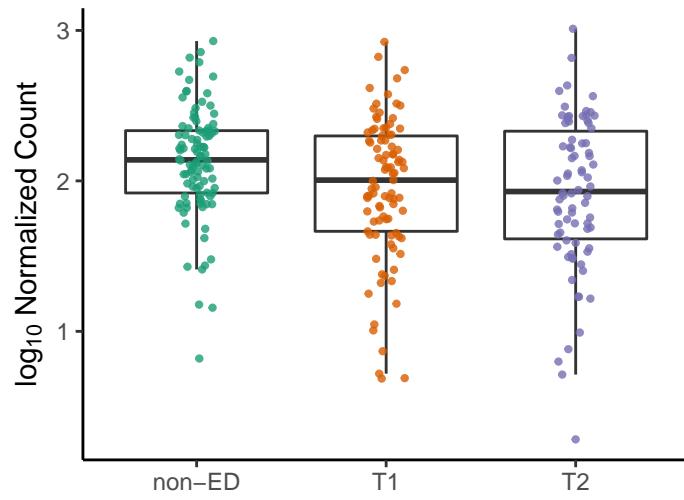
### Unclassified Roseivivax Genus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.61



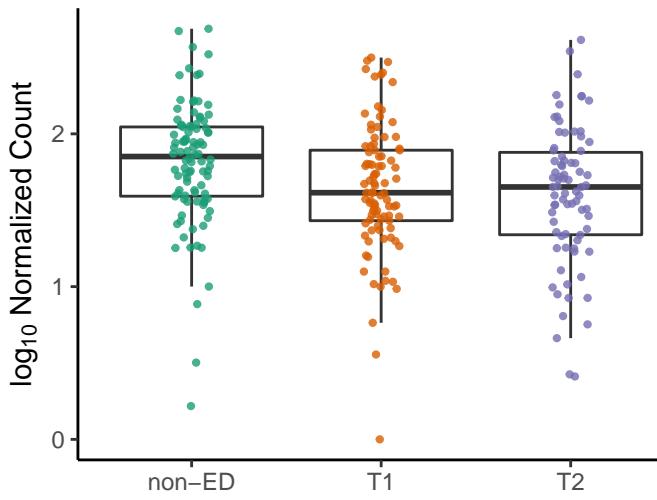
### *Acidovorax carolinensis*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.95



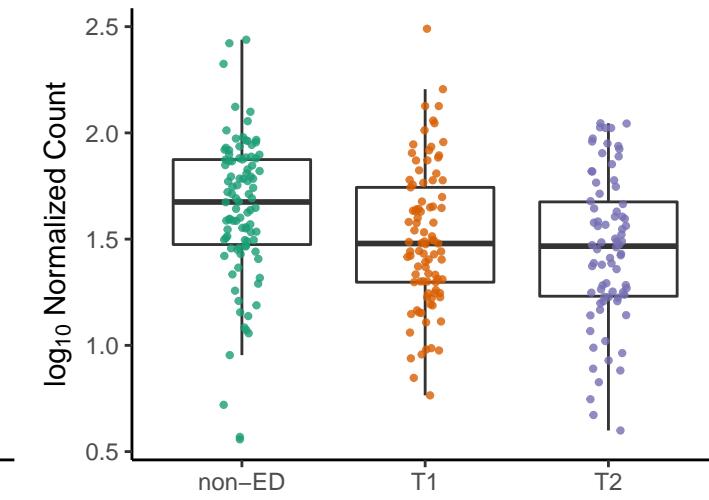
### *Calothrix parietina*

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



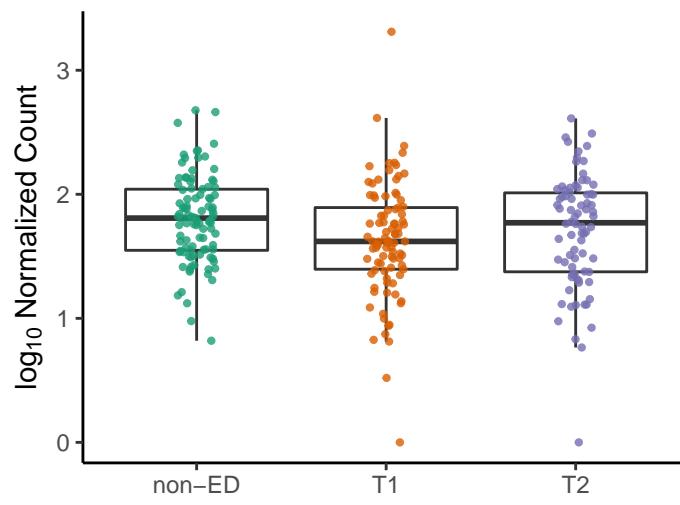
### *Sulfurovum* sp. NBC37-1

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



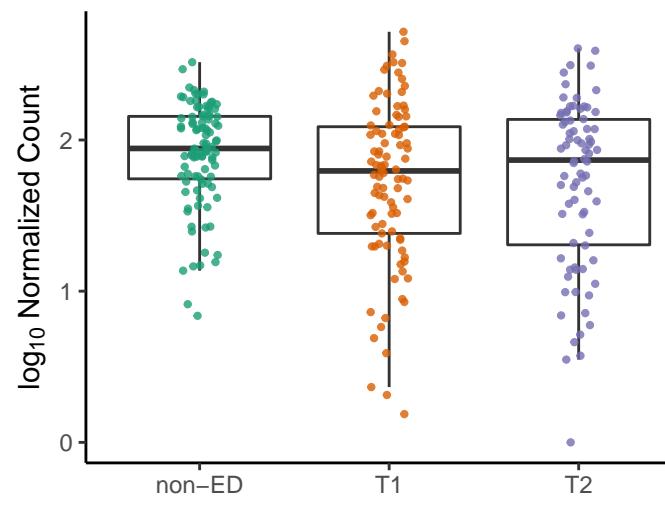
### Marinobacter sp. CP1

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.63



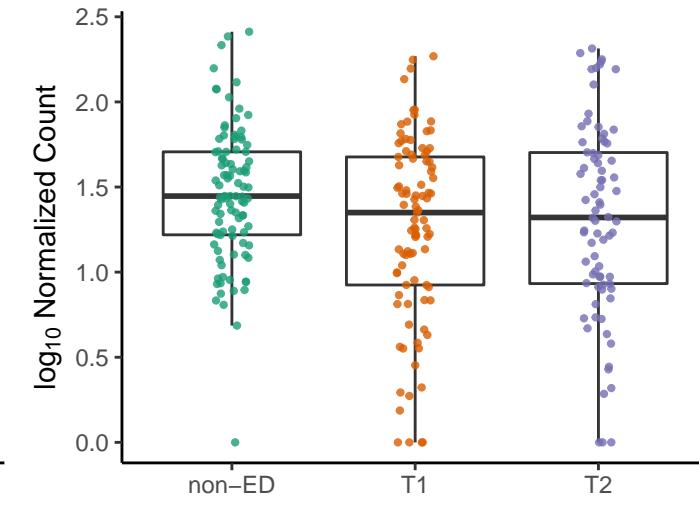
### Pandoraea apista

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.91



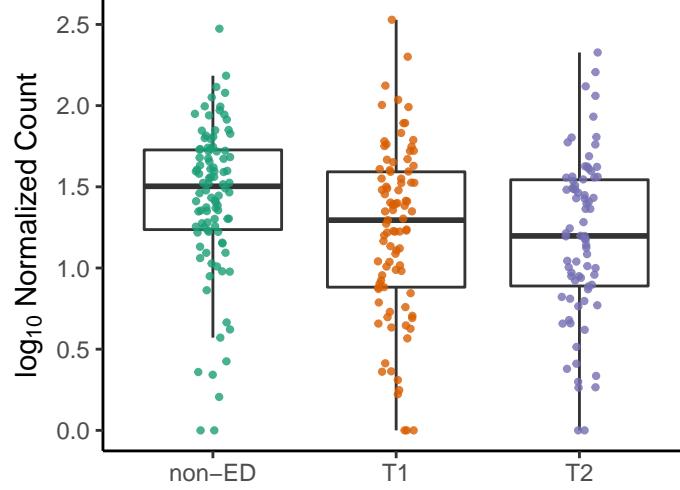
### Unclassified Hungateiclostridium Genus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.77



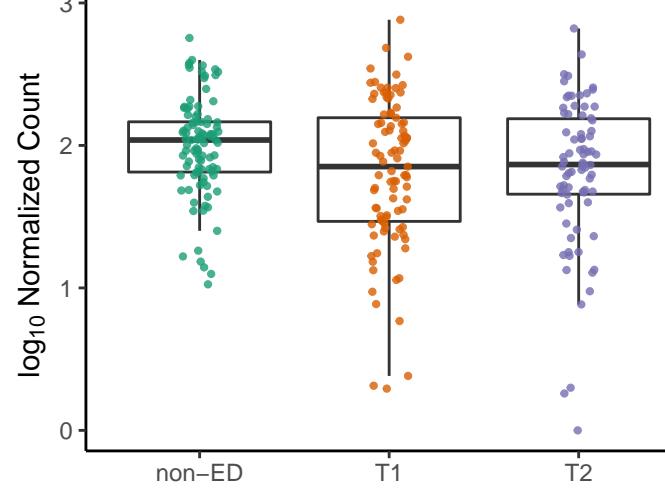
### Unclassified Nitrosomonas Genus

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



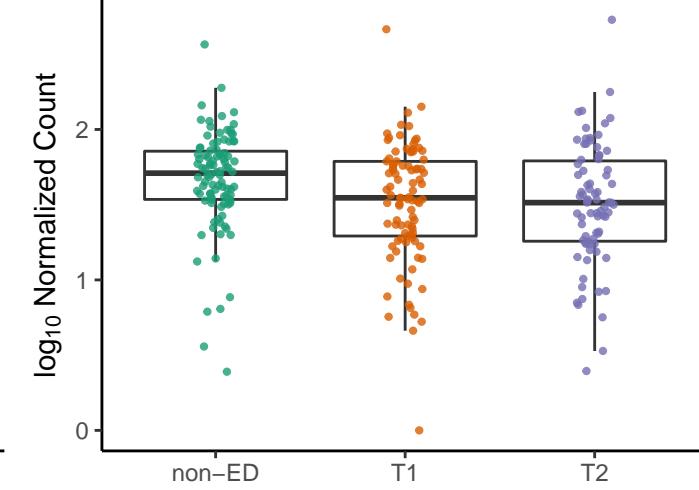
### Altererythrobacter sp. B11

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.77



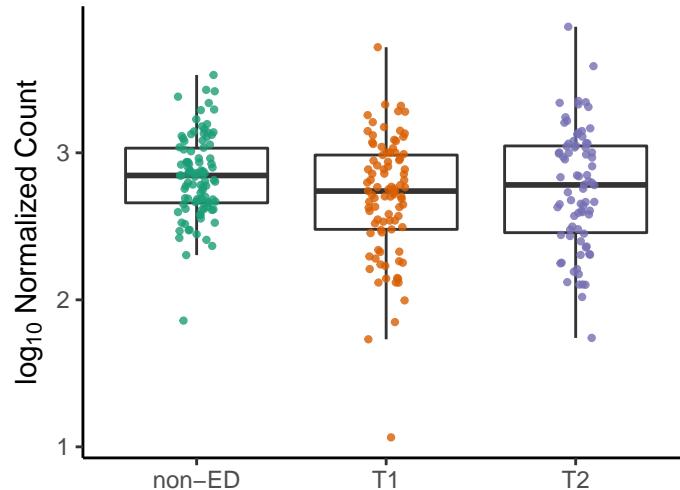
### Providencia sneebia

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



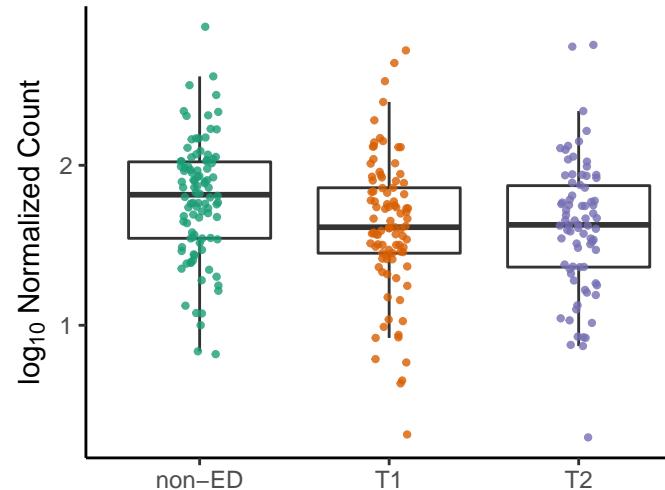
### Paenibacillus sp. B01

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.63



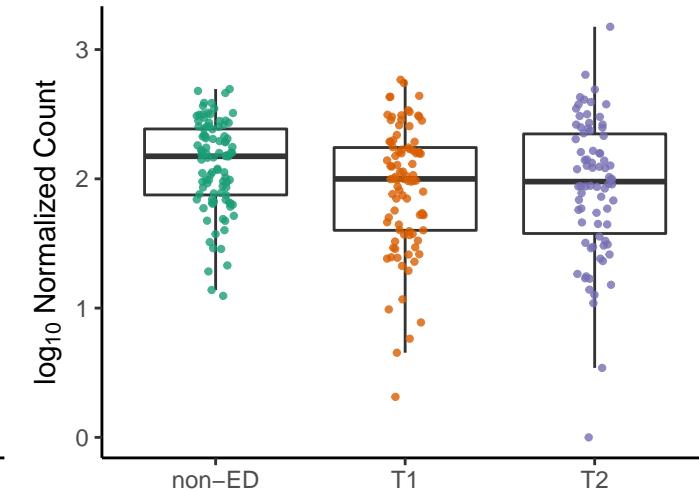
### Erwinia sp. J780

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.77



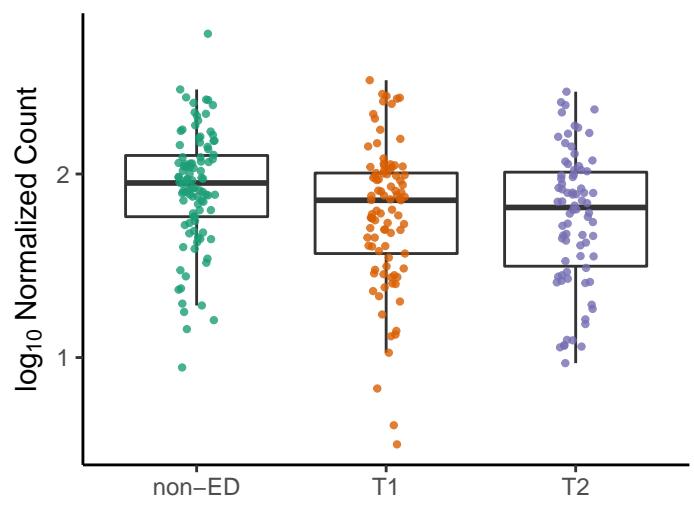
### Arsenicicoccus sp. oral taxon 190

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.89



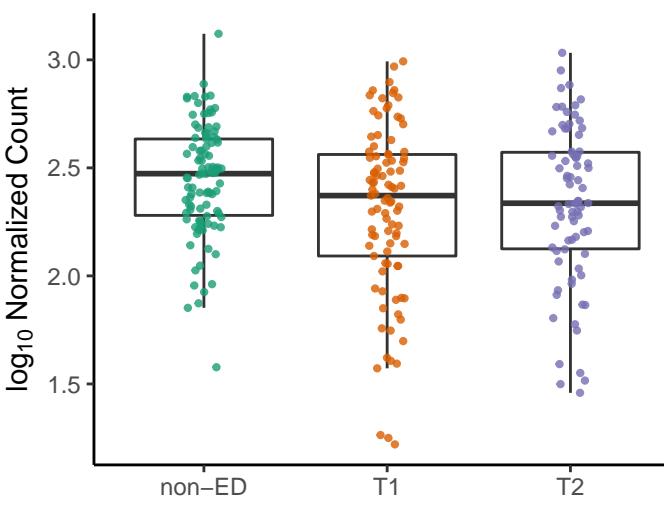
### *Anoxybacillus amylolyticus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.84



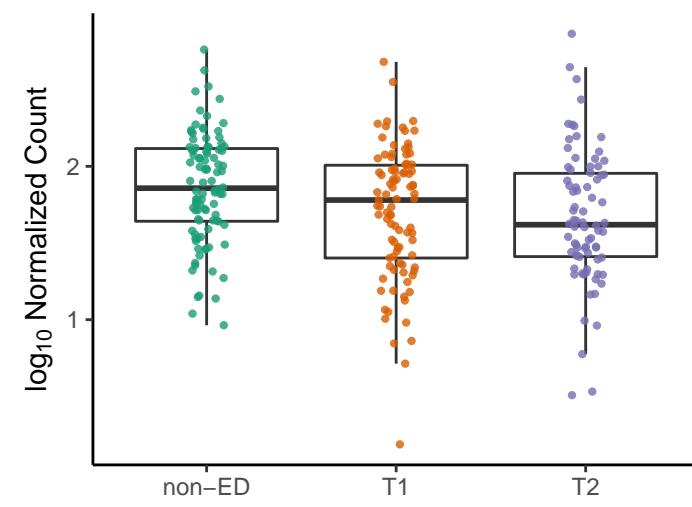
### *Nocardia cyriacigeorgica*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.74



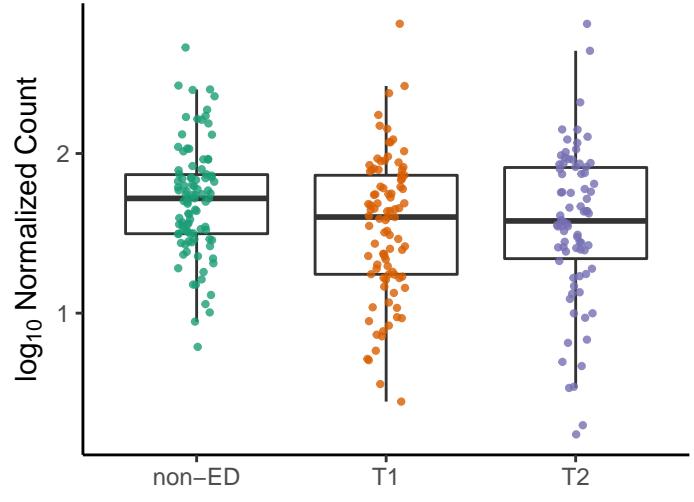
### *Planctomycetes bacterium KS4*

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



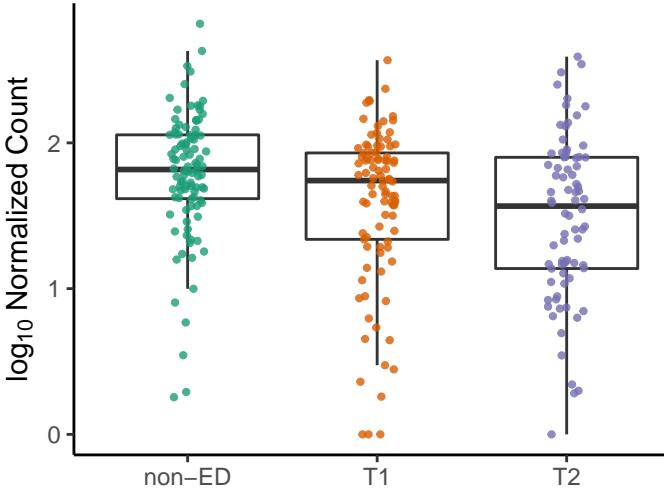
### *Weissella soli*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.89



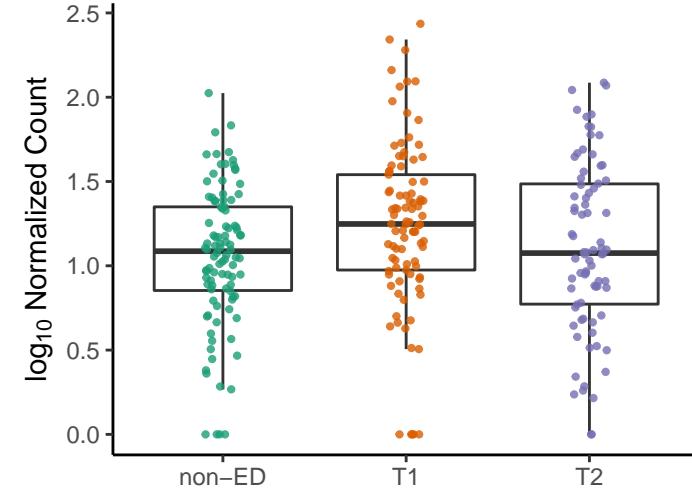
### Unclassified Curtobacterium Genus

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



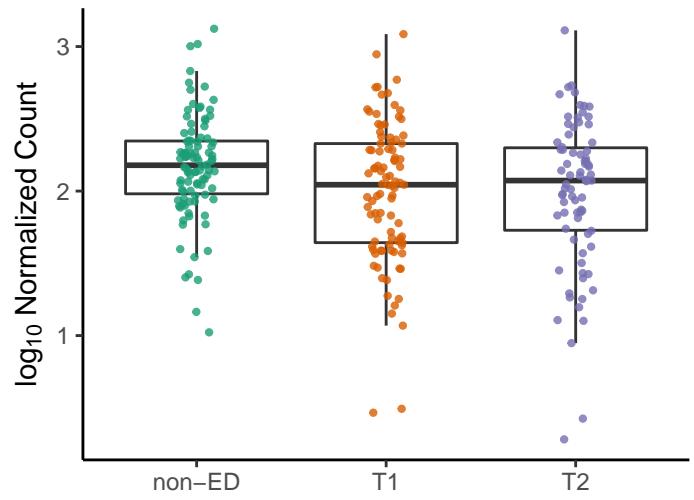
### *Psychrobacter urativorans*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.55  
 T1 vs. T2 adjusted p = 0.47



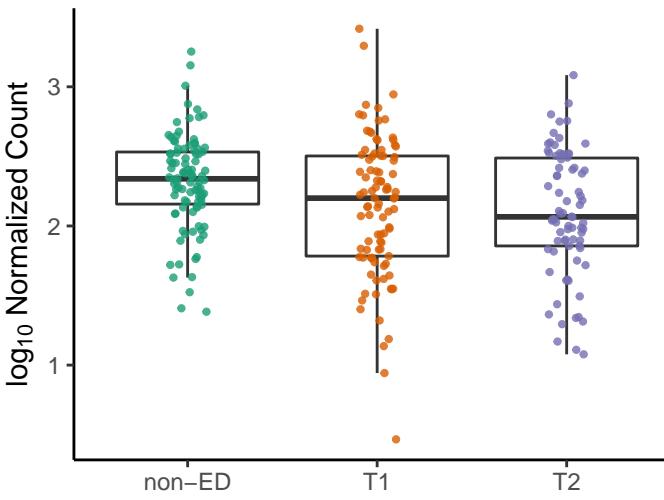
### *Paraburkholderia sp. DHF22*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.88



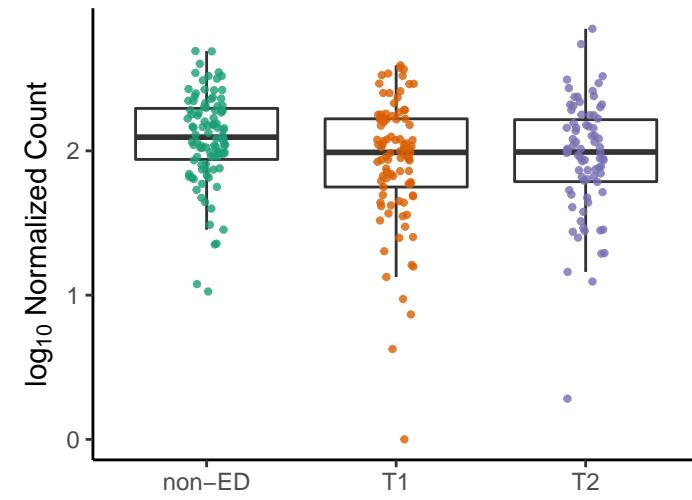
### Unclassified Kocuria Genus

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



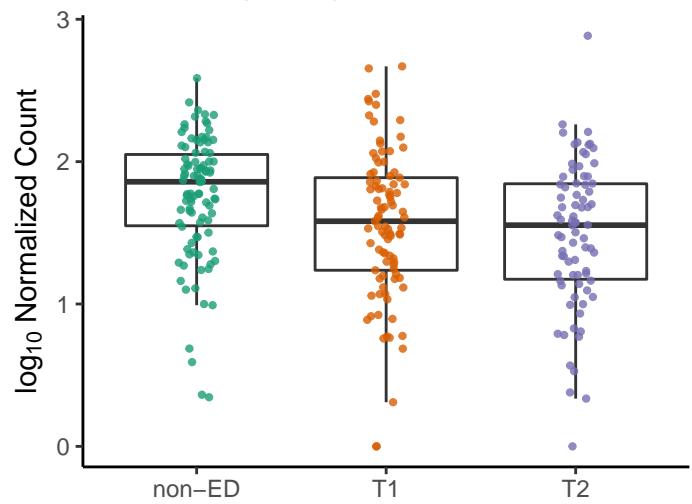
### *Thiobacillus mobilis*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.8



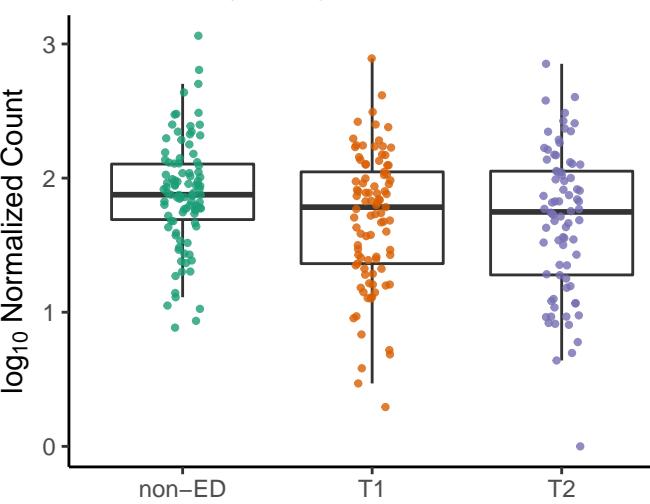
### Lacinutrix sp. 5H-3-7-4

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



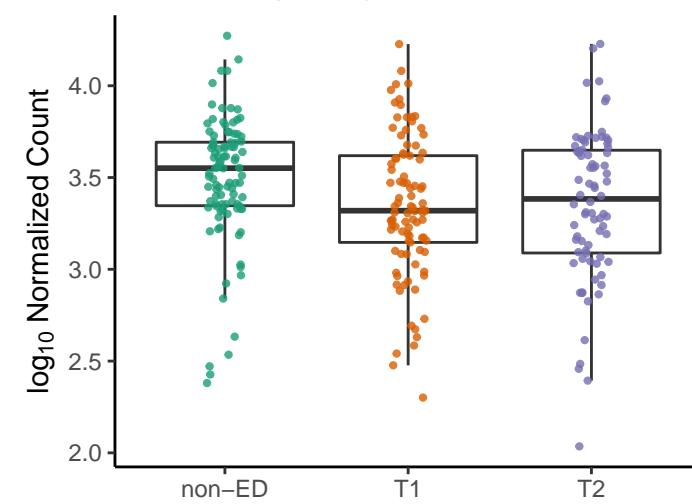
### Mycobacterium sp. DL90

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.97



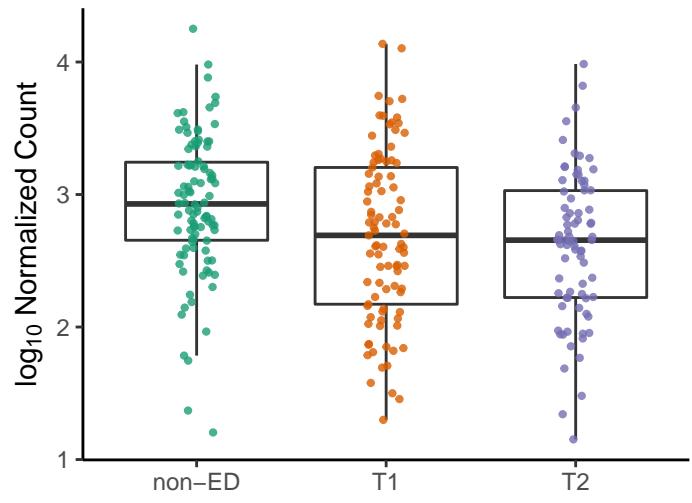
### Streptococcus pasteurianus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.97



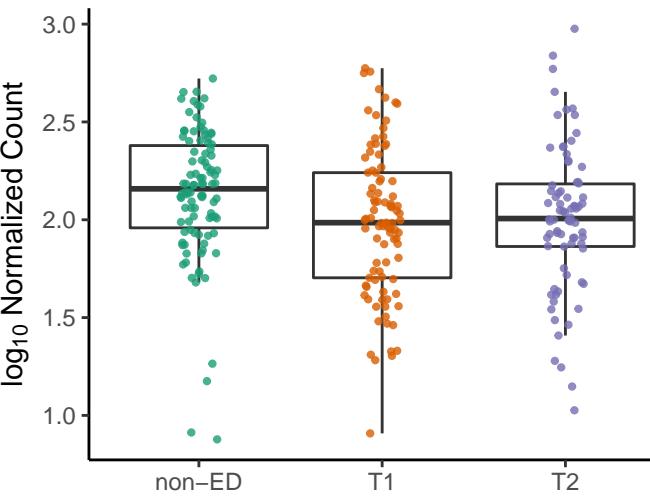
### Streptococcus australis

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



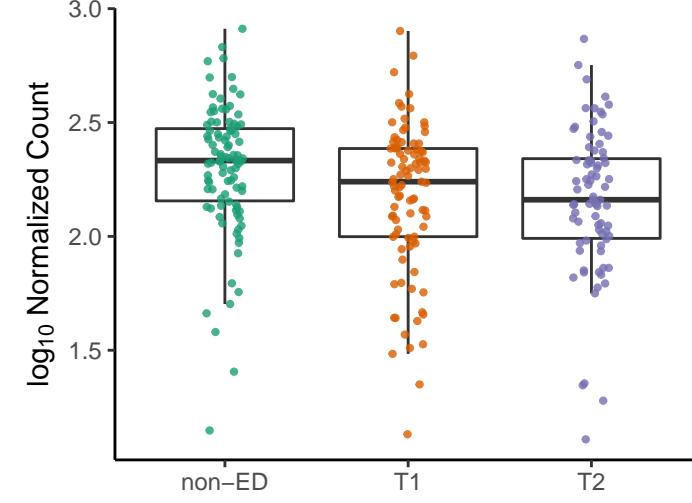
### Halanaerobium hydrogeniformans

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.86



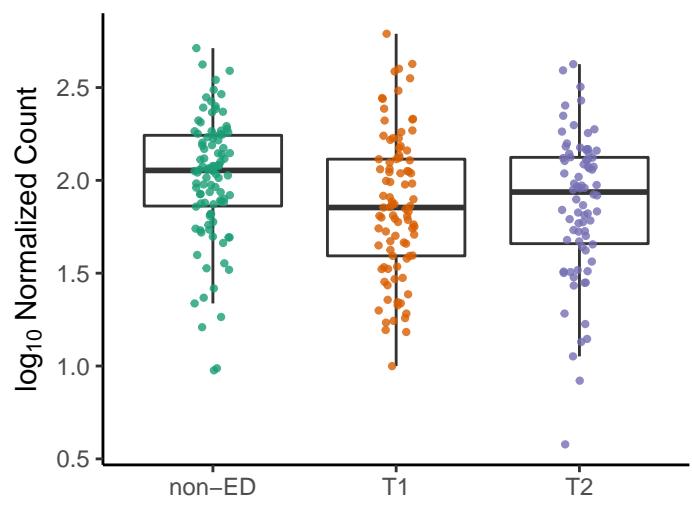
### Aneurinibacillus sp. XH2

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.99



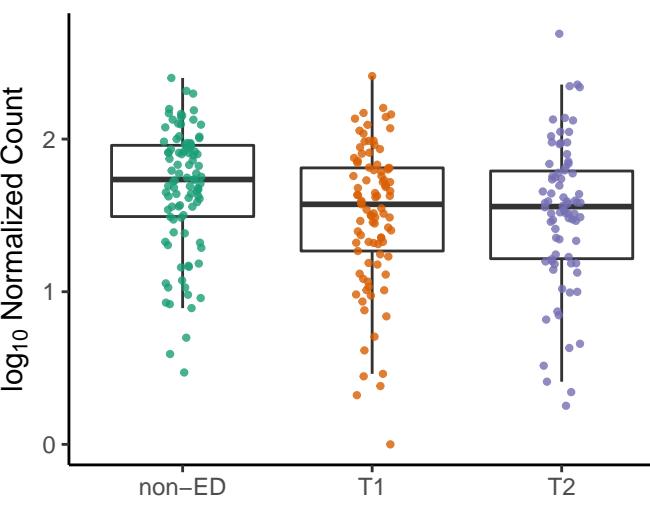
### Campylobacter concisus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.97



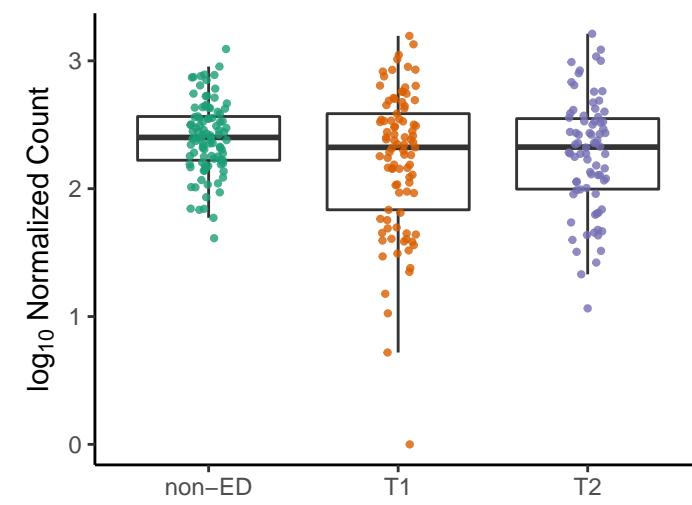
### Catenovulum sp. CCB-QB4

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.97



### 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

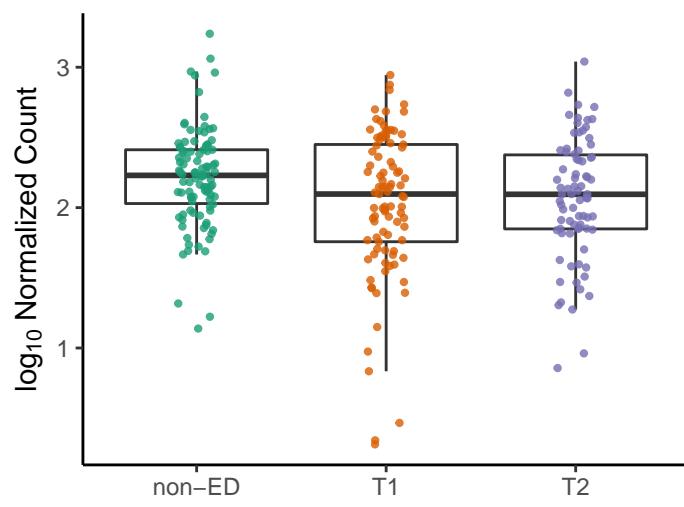


### *Stenotrophomonas acidaminiphila*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.055

T1 vs. T2 adjusted p = 0.76

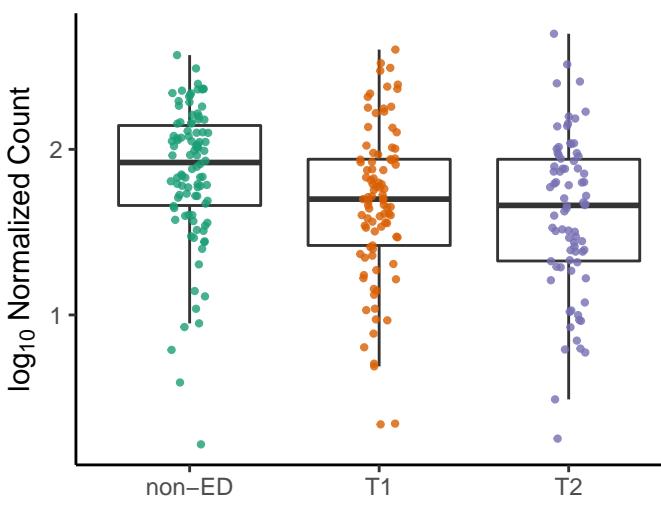


### *Acholeplasma laidlawii*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.0053

T1 vs. T2 adjusted p = 0.72

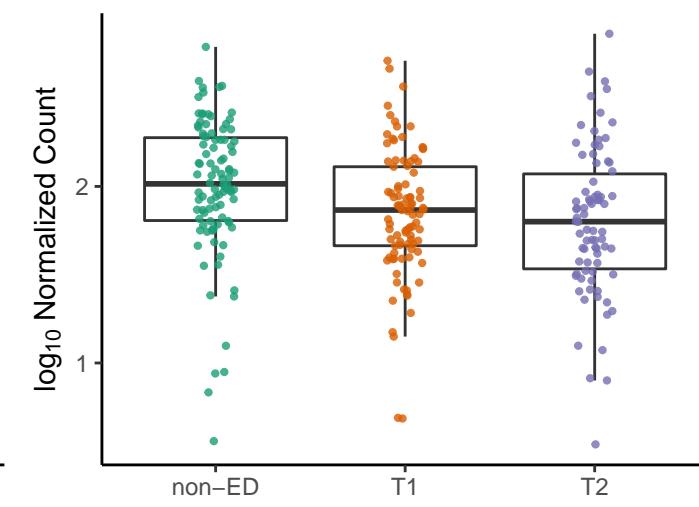


### Unclassified Brachyspira Genus

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.79

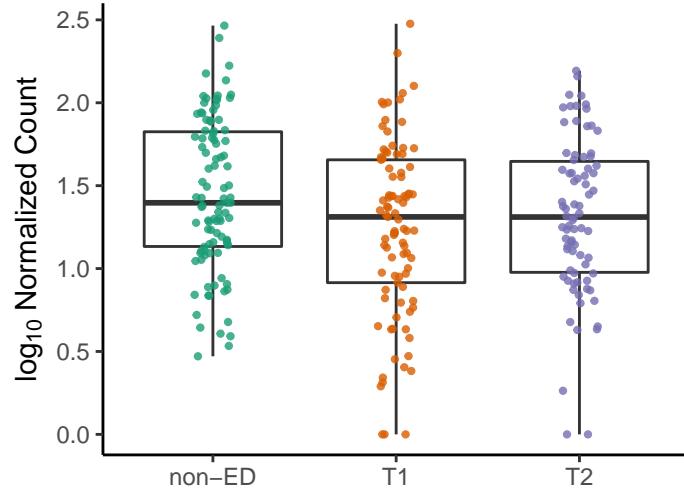


### *Acetobacter senegalensis*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.14

T1 vs. T2 adjusted p = 0.61

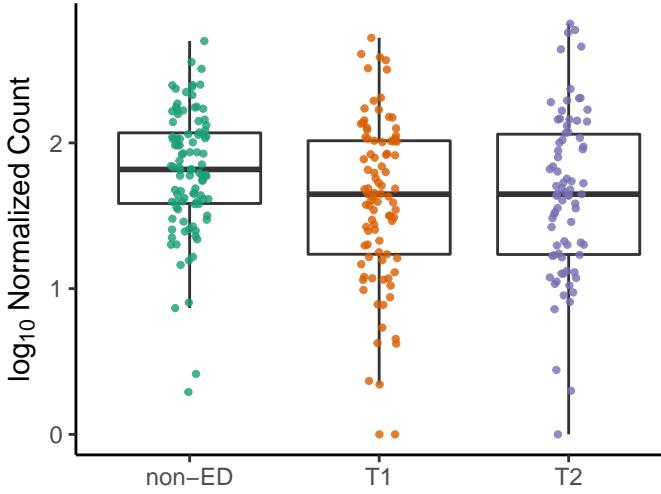


### *Agrococcus sp. SGAir0287*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.096

T1 vs. T2 adjusted p = 0.73

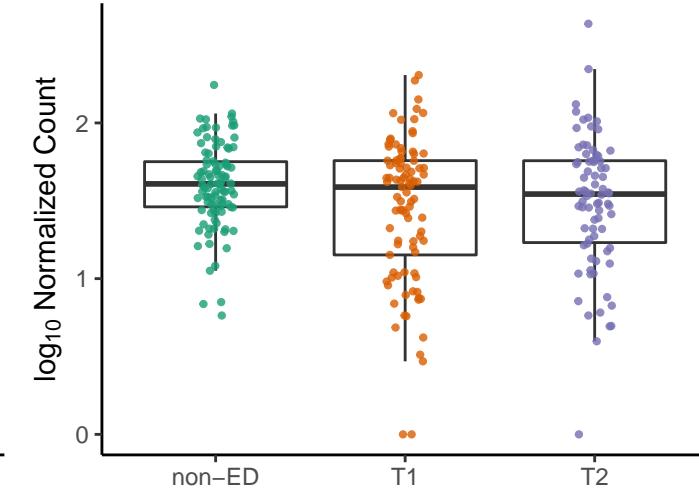


### *Altererythrobacter sp. ZODW24*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.8

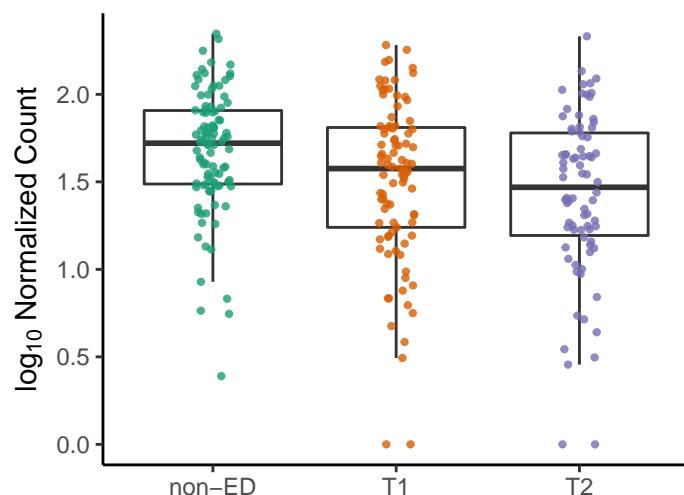


### *Chlorobium chlorochromatii*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.0034

T1 vs. T2 adjusted p = 0.74

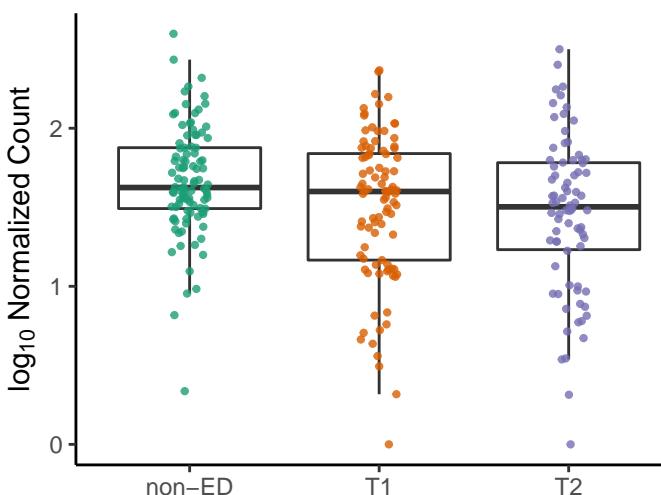


### *Serratia proteamaculans*

non-ED vs. T1 adjusted p = 0.029

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.95

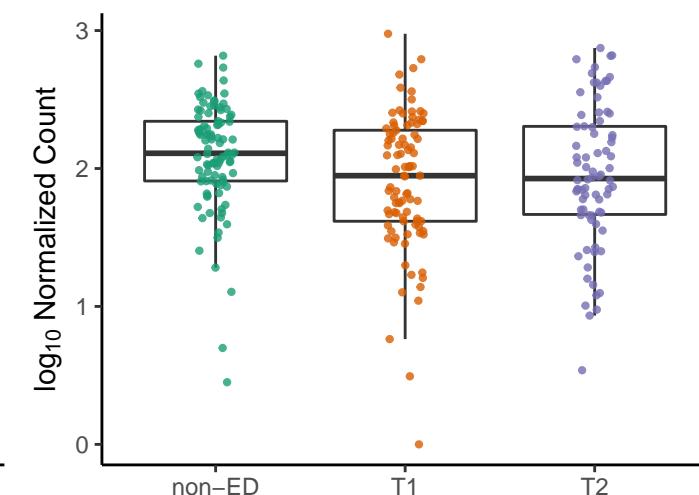


### *Streptomyces antibioticus*

non-ED vs. T1 adjusted p = 0.029

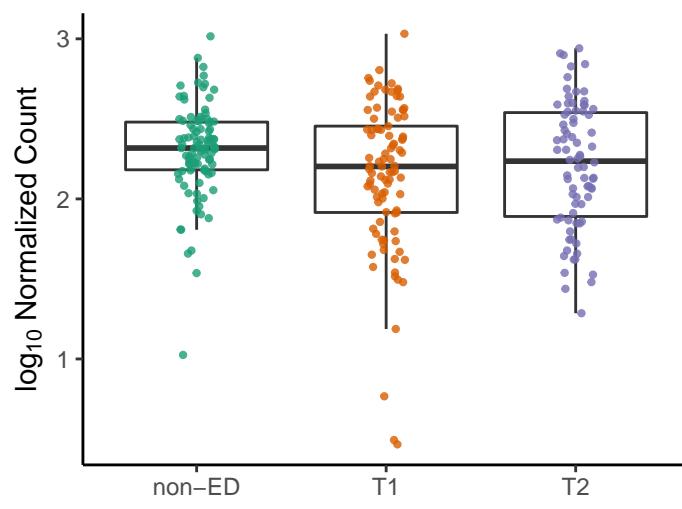
non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.77



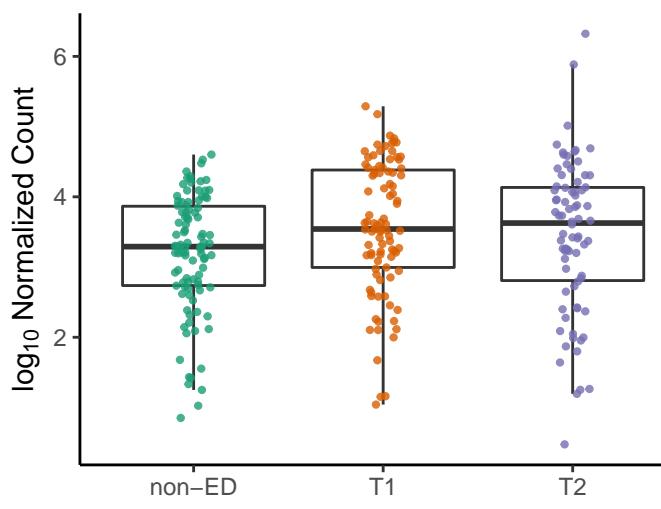
### *Mycolicibacterium aurum*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.67



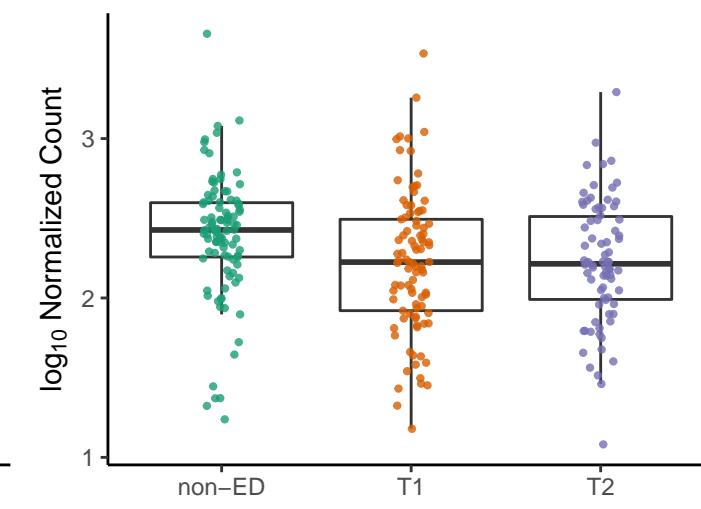
### *Citrobacter portucalensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.63



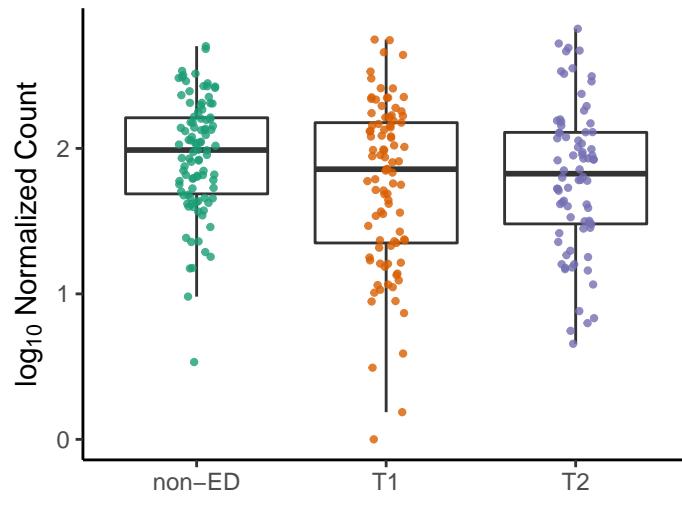
### *Lactococcus piscium*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.98



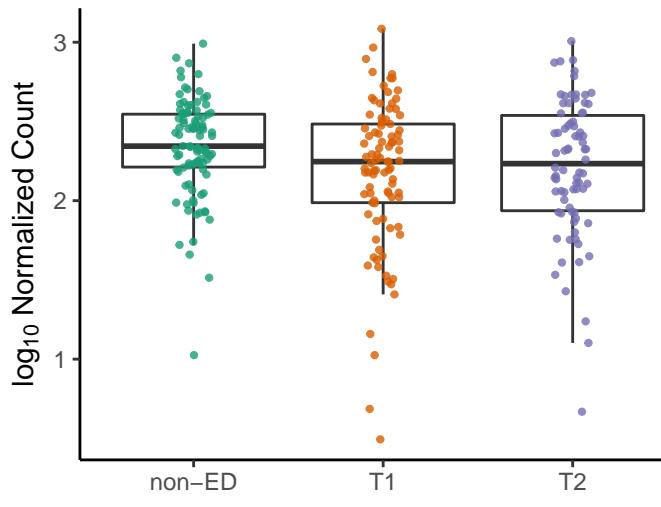
### *Pseudonocardia* sp. AL041005–10

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.68



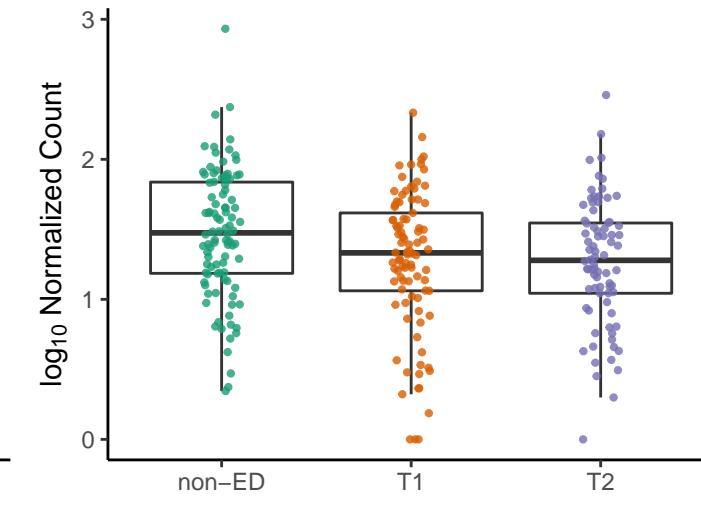
### *Salinibacter ruber*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.8



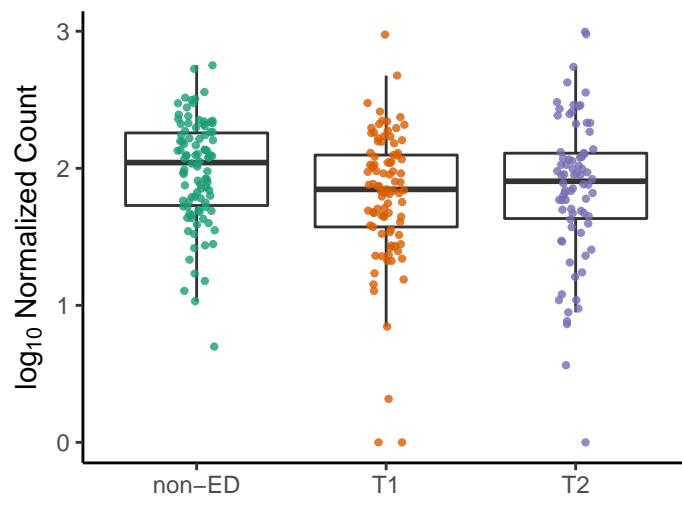
### *Pseudomonas* sp. LBUM920

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.99



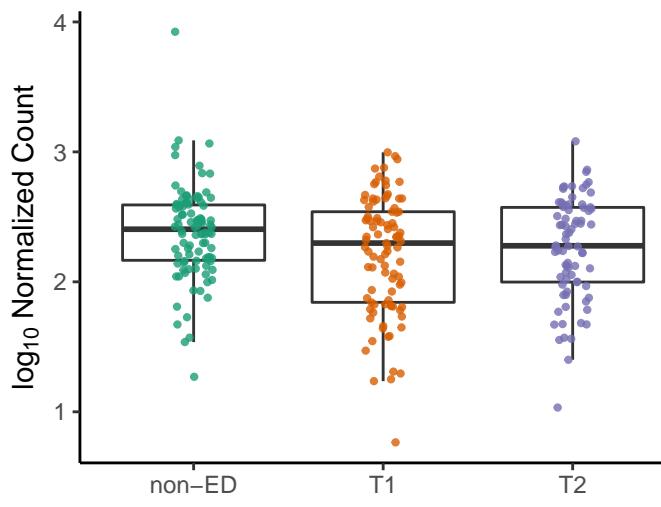
### *Sphingomonas insulae*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.74



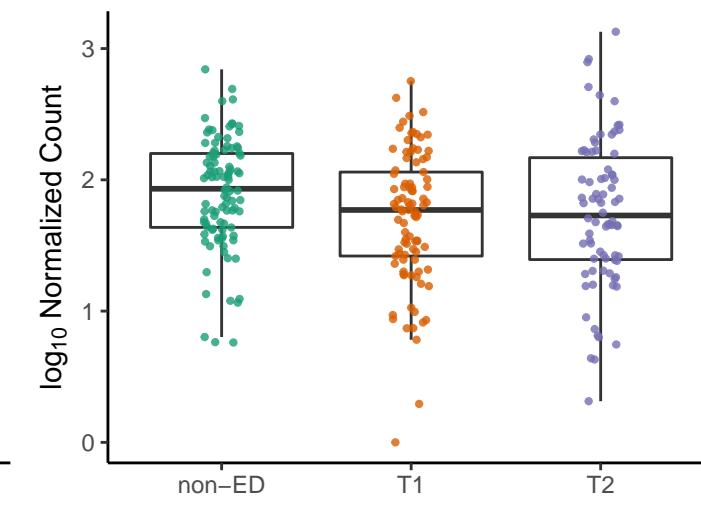
### *Cupriavidus necator*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.72



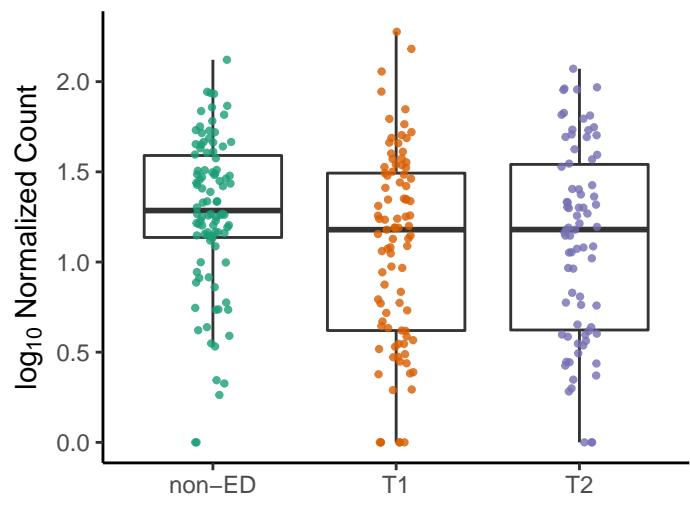
### *Mycolicibacterium confluentis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.7



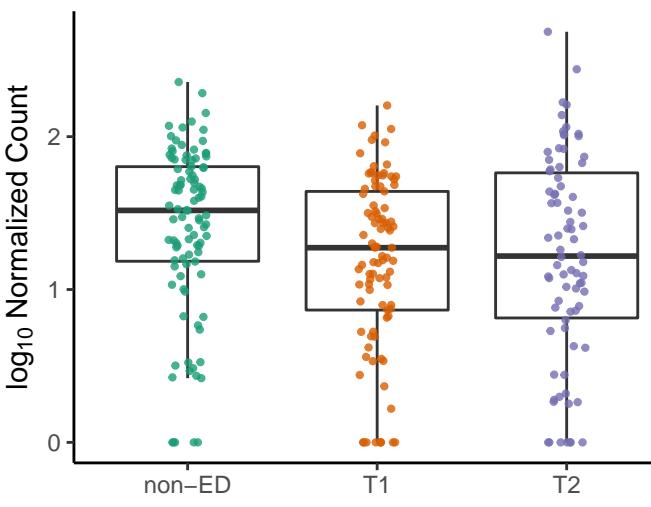
### *Cupriavidus malaysiensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.84



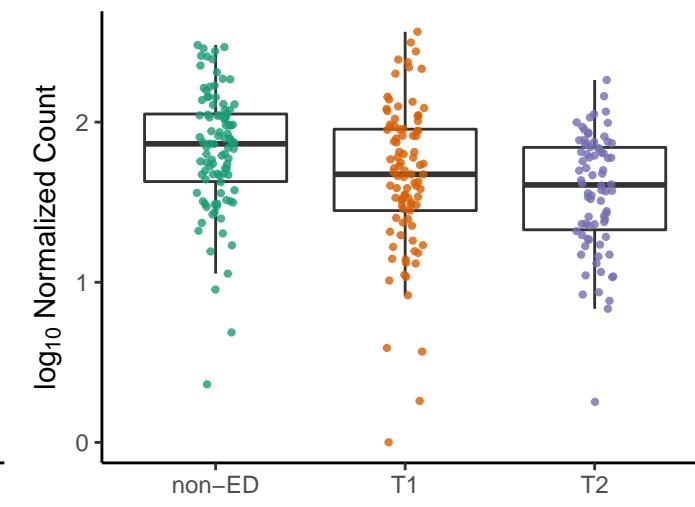
### *Thermococcus nautili*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.67



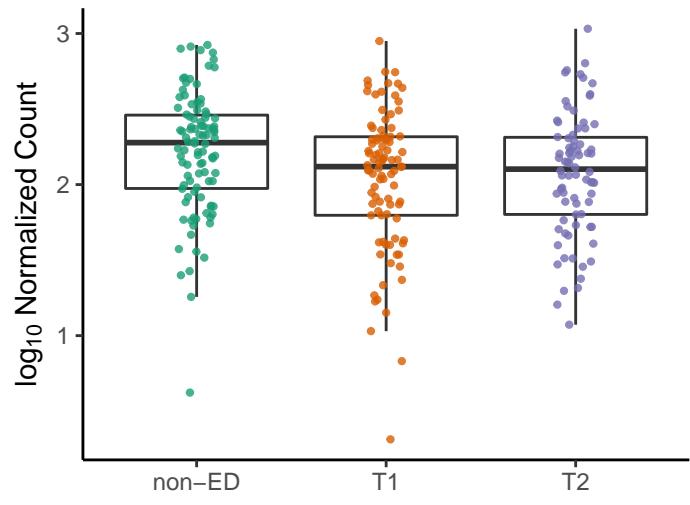
### endosymbiont of *Acanthamoeba* sp. UW

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



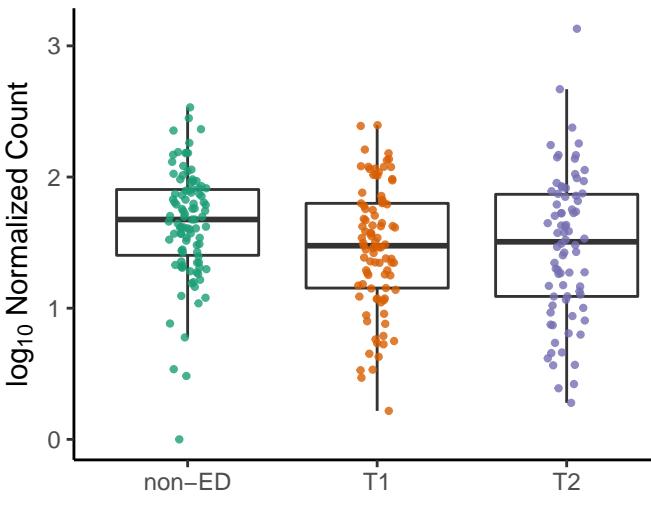
### *Arthrobacter crystallopoietes*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.74



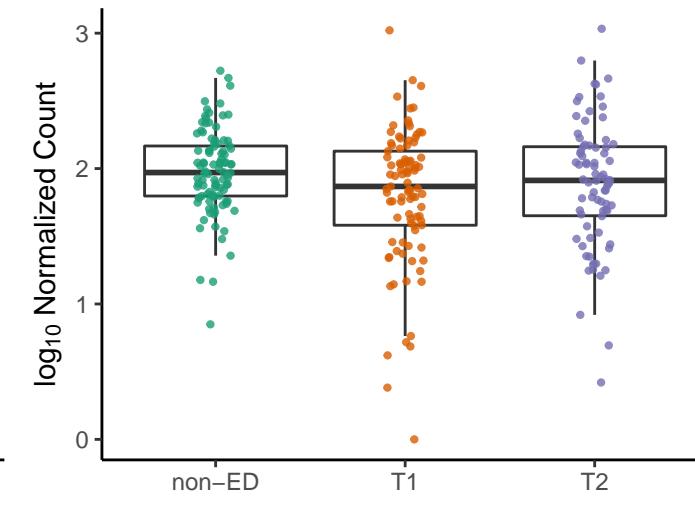
### *Paraphotobacterium marinum*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.91



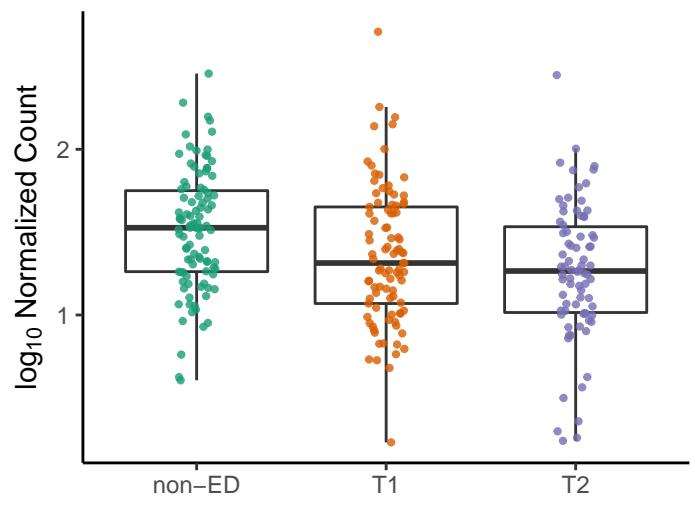
### *Rhizorhabdus dicambivorens*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.62



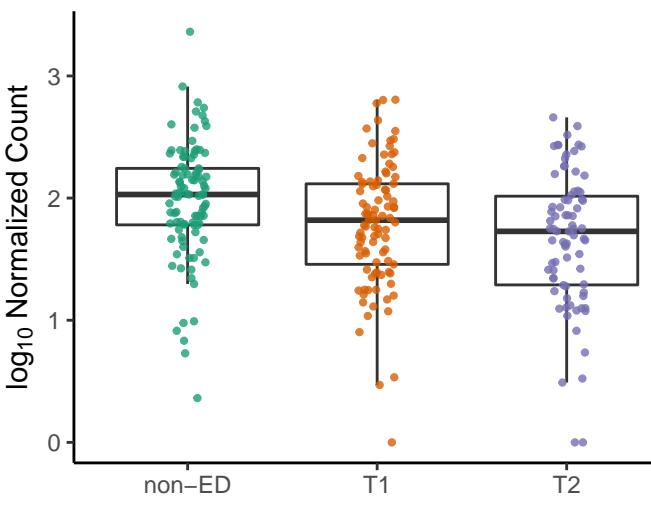
### *Shewanella donghaensis*

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



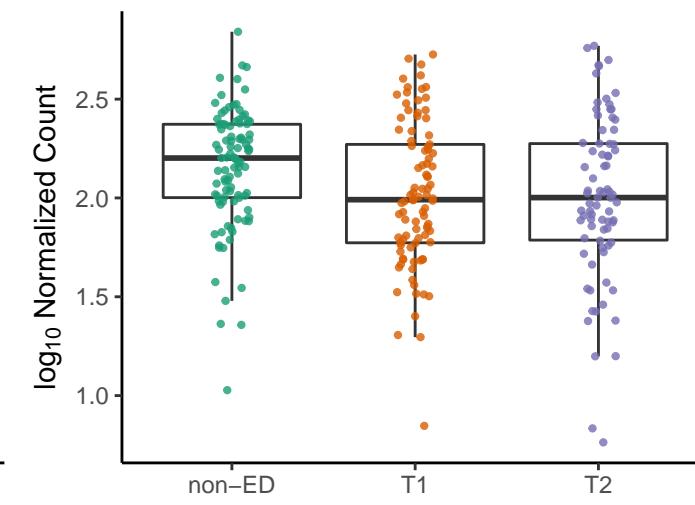
### *Streptobacillus moniliformis*

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



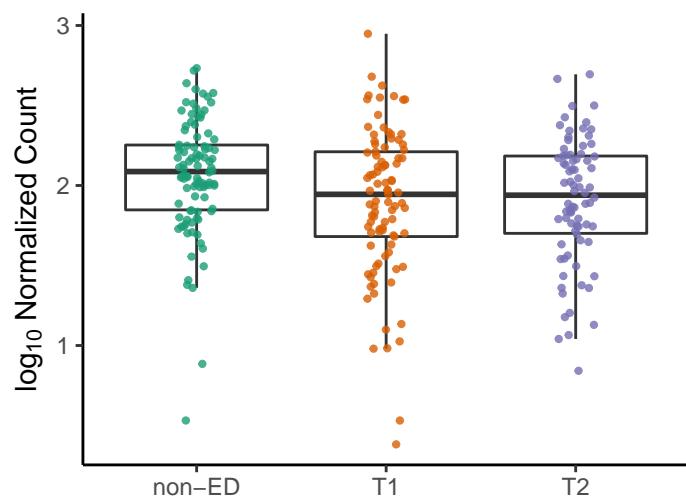
### *Kurthia* sp. 11kri321

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.92



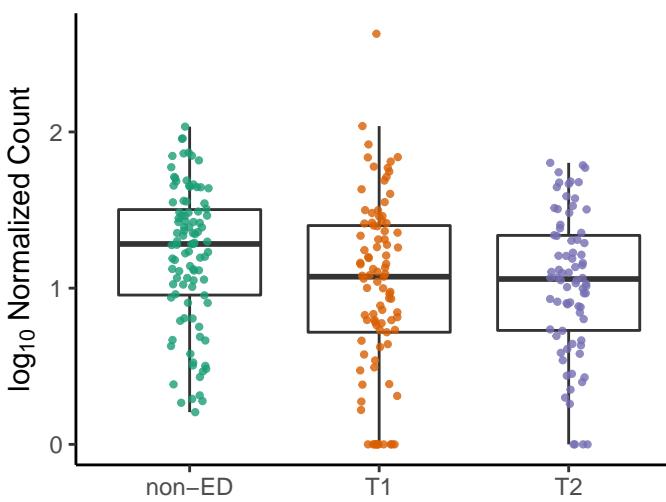
### Paracoccus sp. Arc7-R13

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



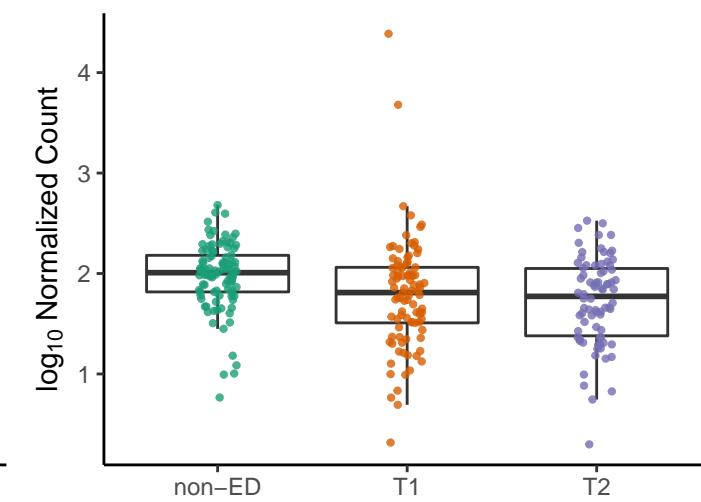
### Unclassified Cutibacterium Genus

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.88



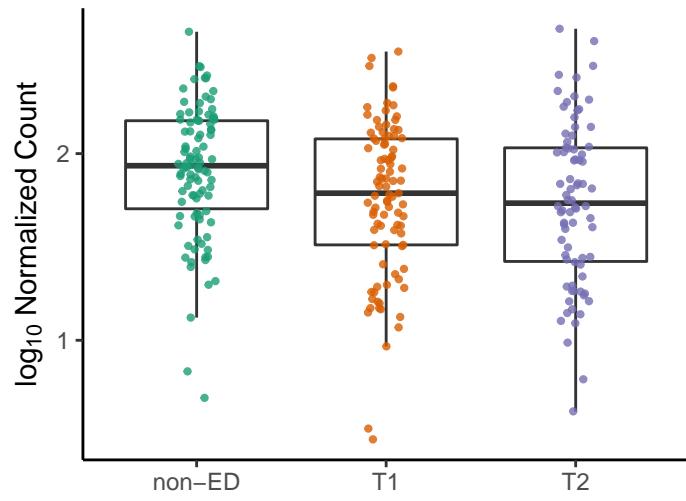
### Comamonas kerstensii

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.79



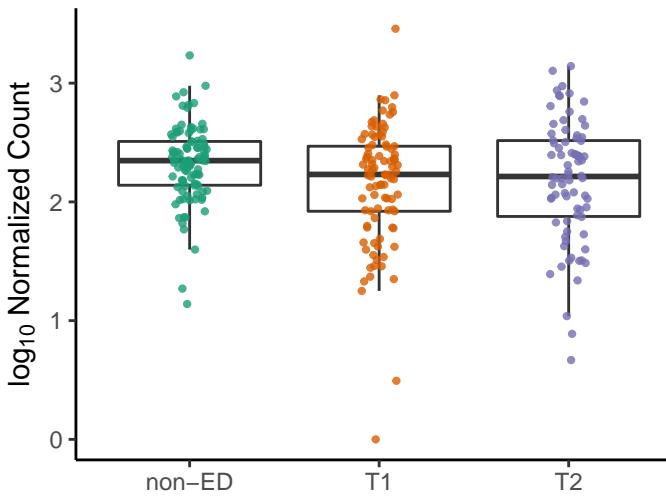
### Leptospira interrogans

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.86



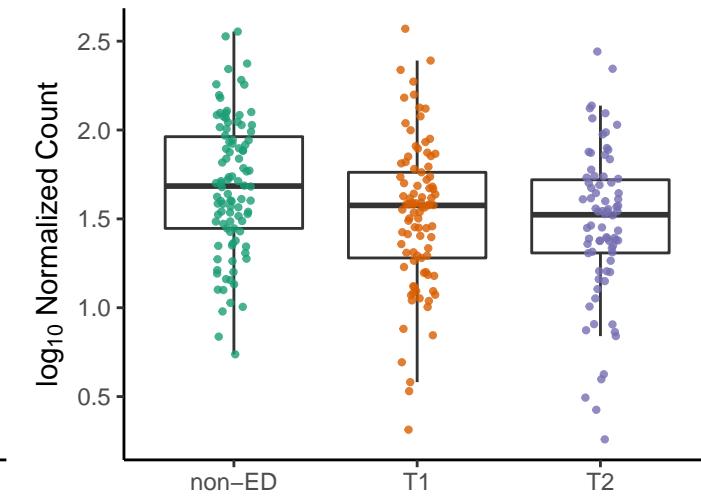
### Actinoplanes missouriensis

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.7



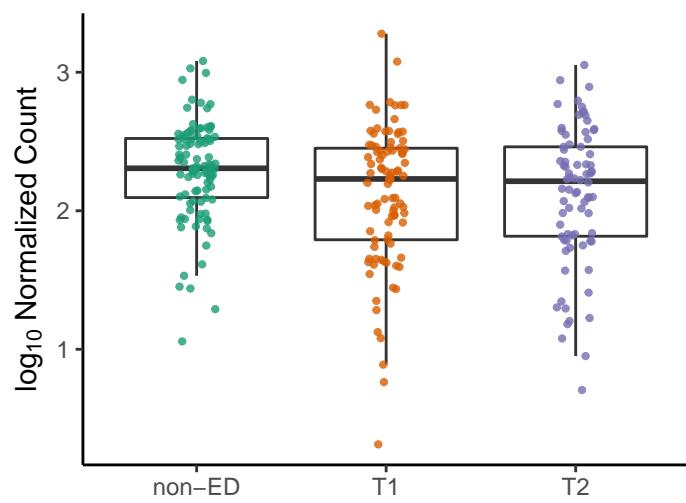
### Phaeobacter piscinae

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



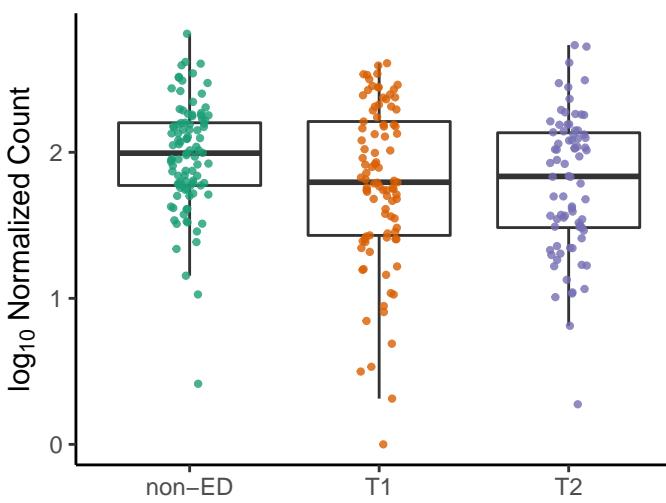
### Amycolatopsis sp. YIM 10

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.84



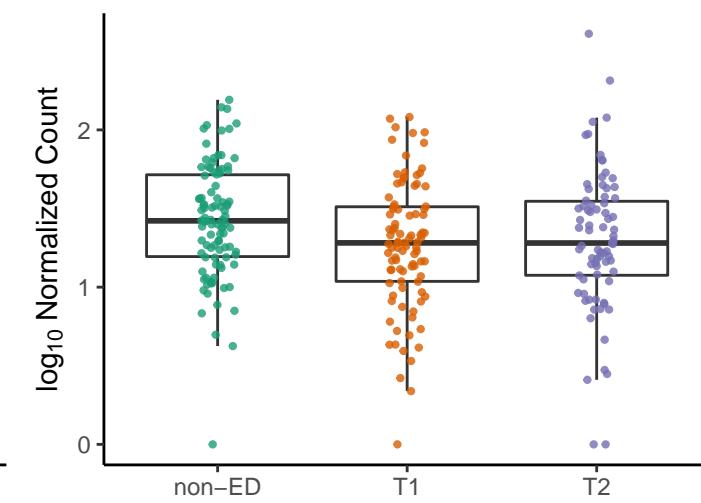
### Micromonospora terminaliae

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.86



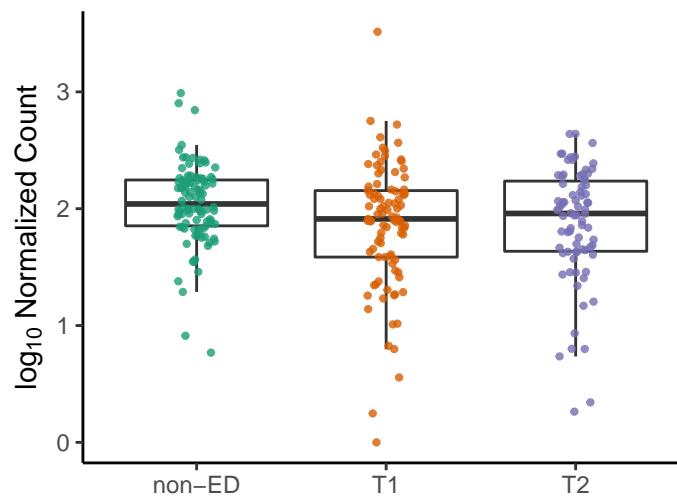
### Acinetobacter sp. 323-1

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.92



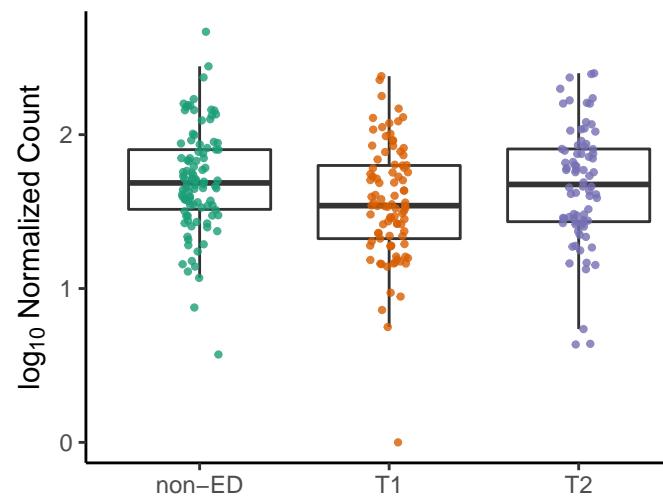
### *Flavobacterium album*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.83



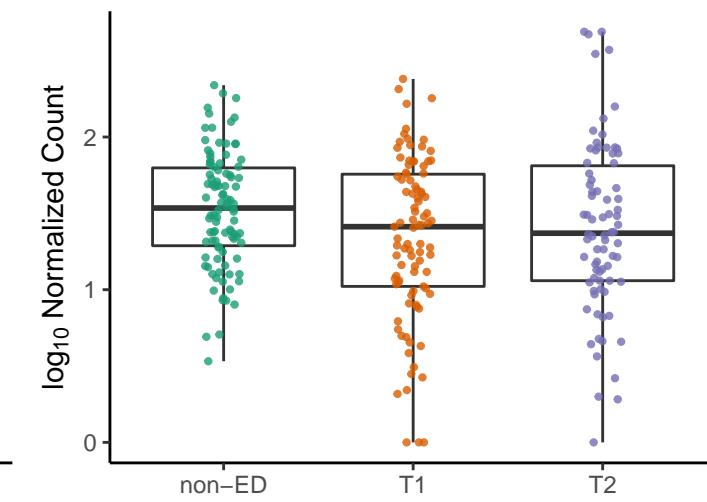
### *Yersinia entomophaga*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.67  
 T1 vs. T2 adjusted p = 0.27



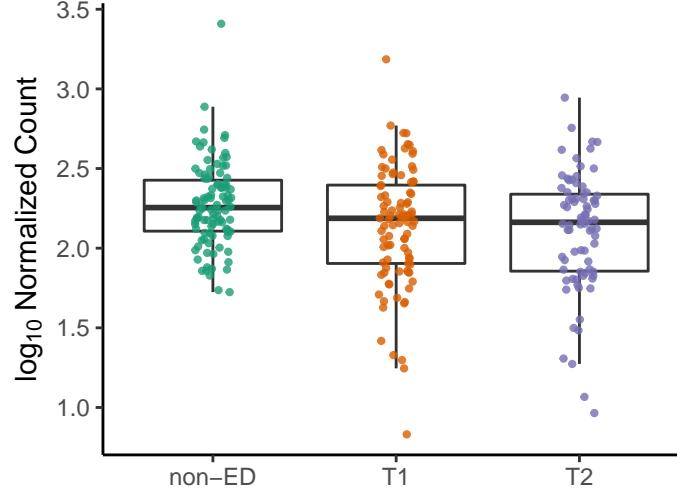
### *Plantibacter flavus*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.63



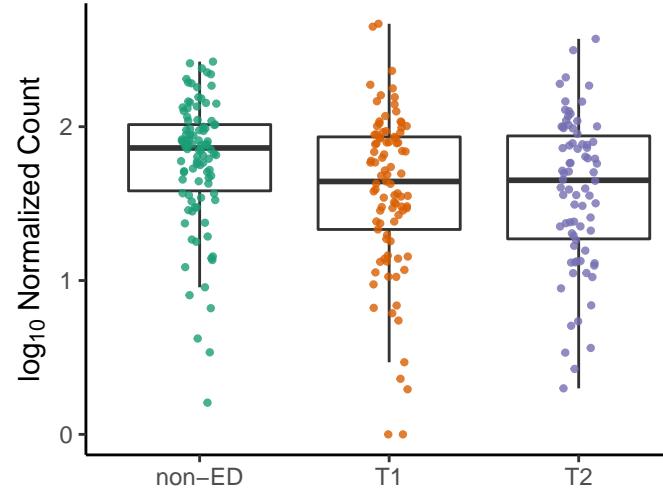
### *Pseudomonas azotoformans*

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



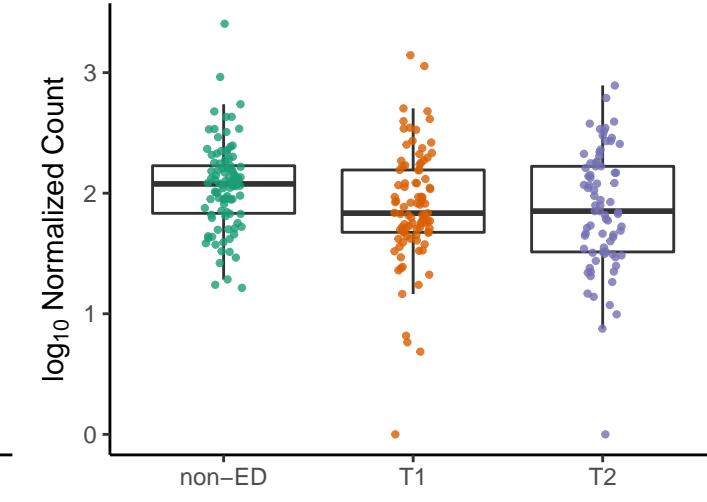
### *Citromicrobium sp. JL477*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.79



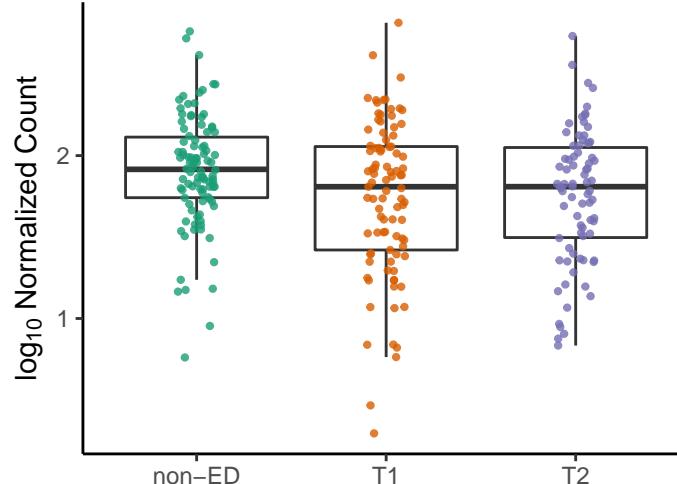
### *Fuerstia marisgermanicae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.98



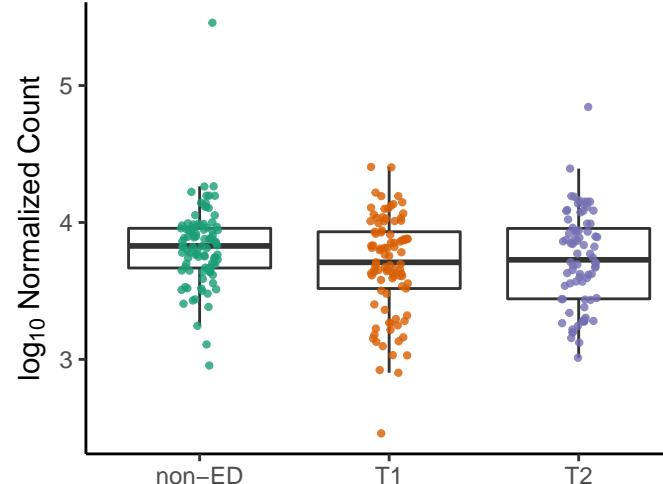
### *Tetrasphaera sp. HKS02*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



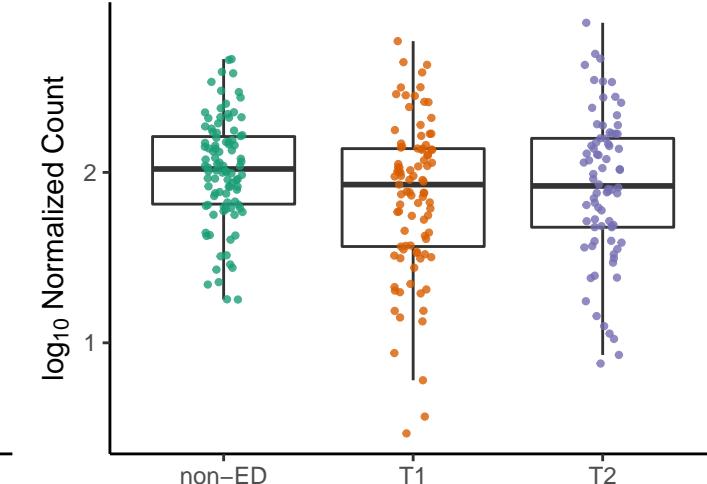
### Unclassified *Pseudomonas* Genus

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.68



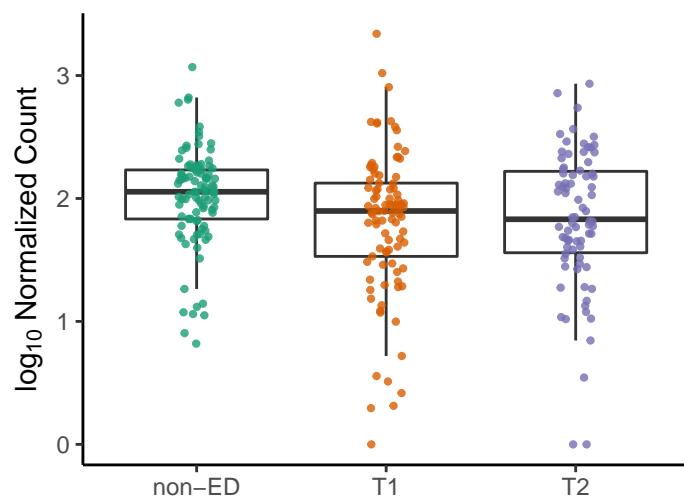
### Unclassified *Tardiphaga* Genus

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.68



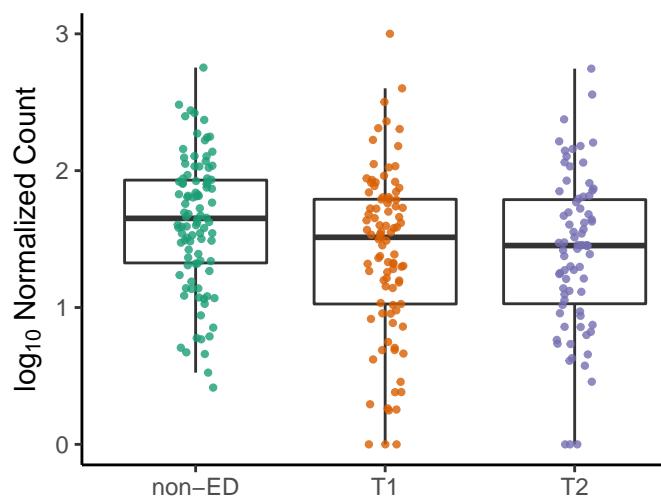
### *Serpentinomonas raichei*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.69



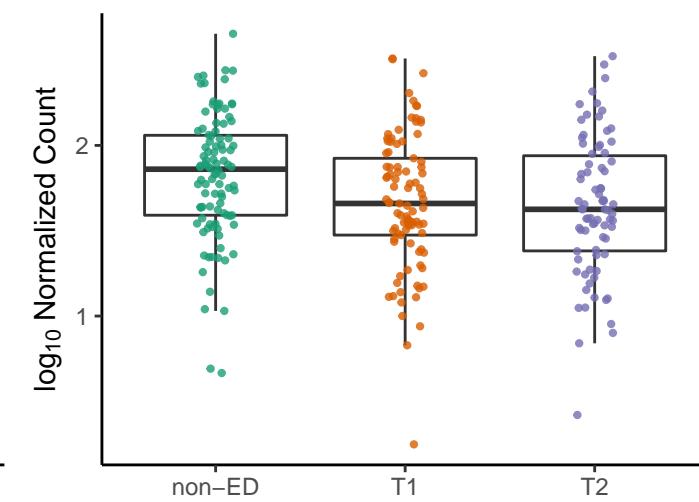
### *Rhizobium acidisol*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.96



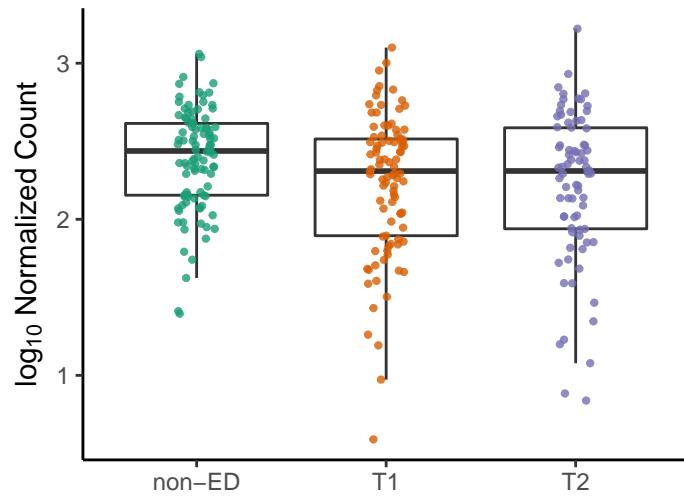
### *Lysinibacillus* sp. 2017

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



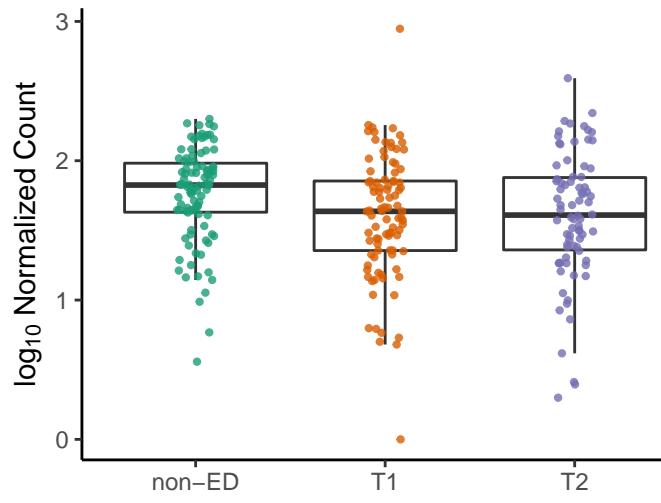
### *Lysobacter enzymogenes*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.93



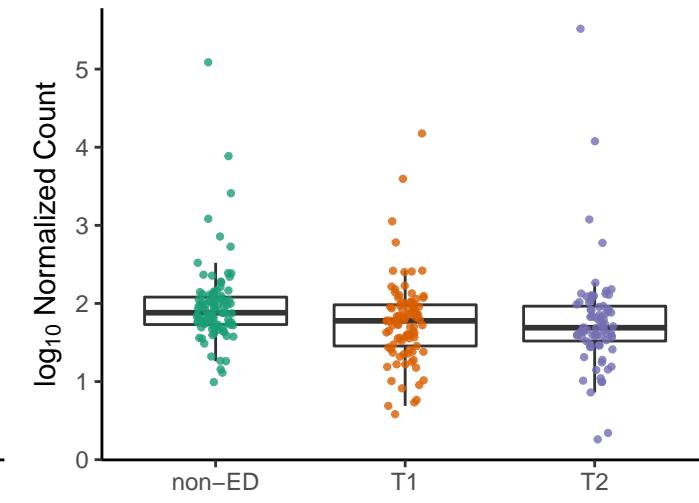
### *Sulfurimonas gotlandica*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.99



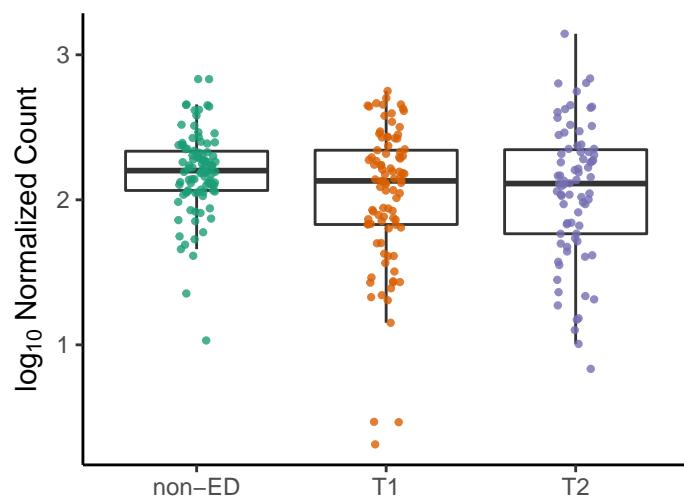
### *Weissella confusa*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.99



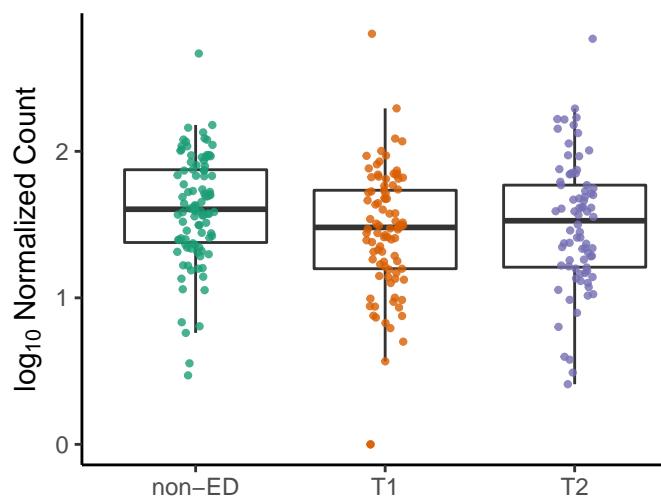
### *Bosea vaviloviae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.77



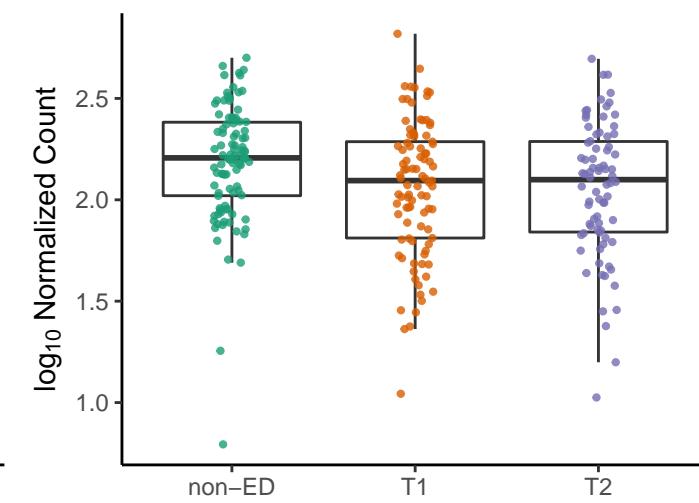
### Unclassified Aerococcus Genus

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.73



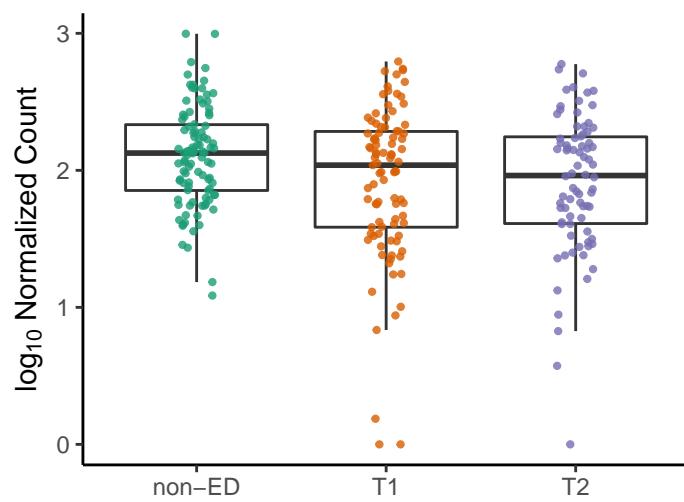
### *Chryseobacterium taklimakanense*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.98



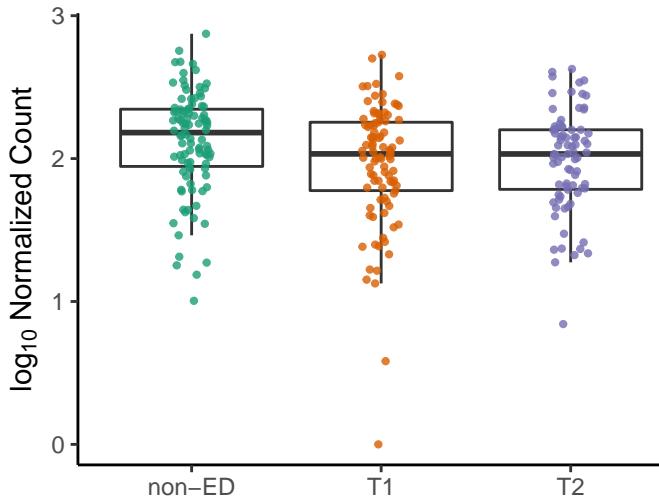
### *Pseudomonas oryzae*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.93



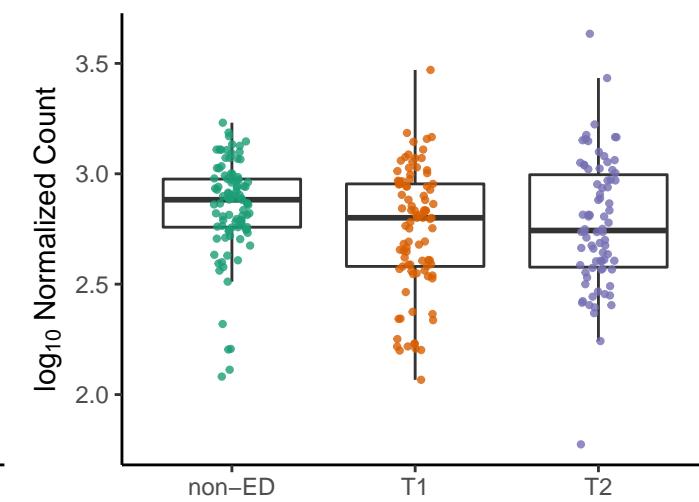
### *Sphingobium yanoikuyaе*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.76



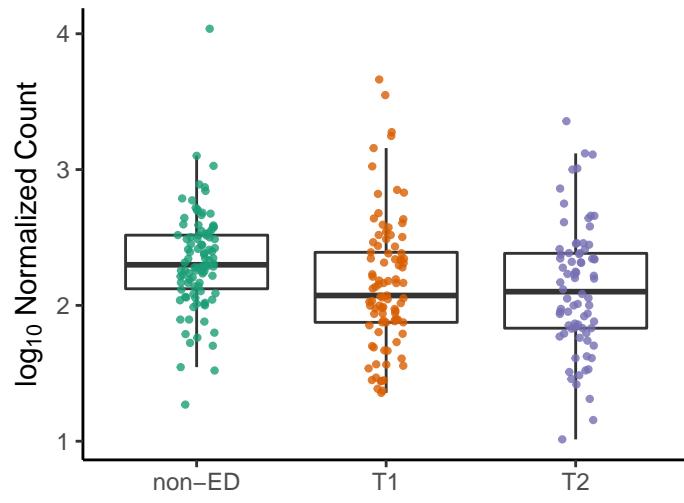
### Unclassified Vibrio Genus

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.73



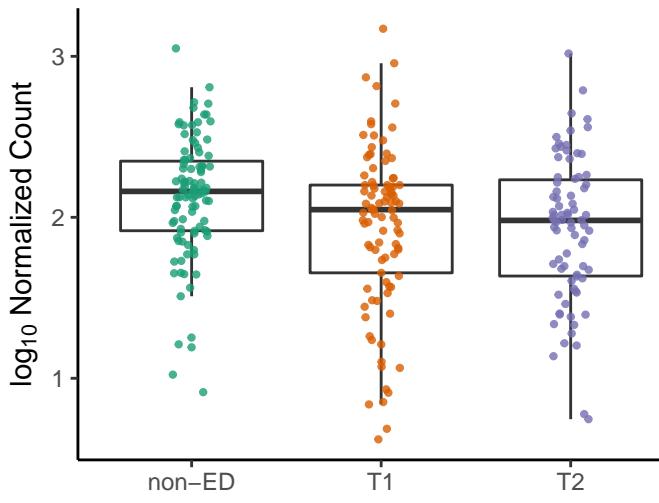
### Unclassified Leuconostoc Genus

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



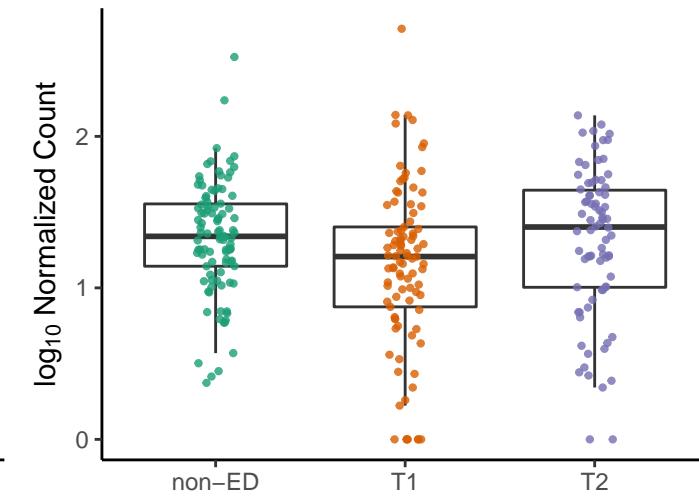
### *Deinococcus puniceus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.83



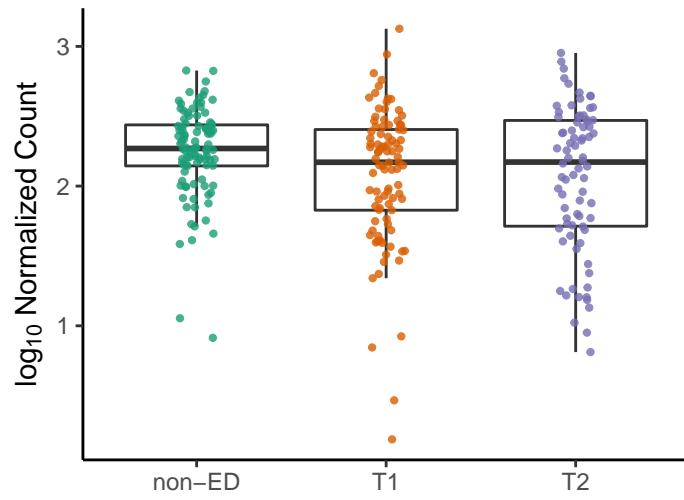
### *Pseudomonas* sp. DR 5–09

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.78  
 T1 vs. T2 adjusted p = 0.34



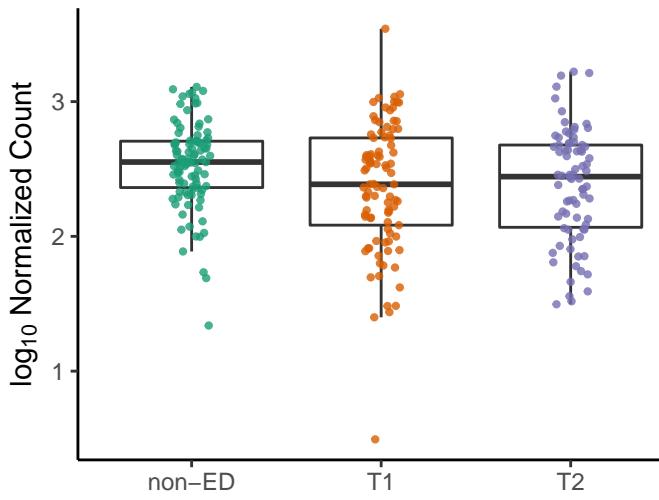
### Unclassified *Actinoalloteichus* Genus

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.96



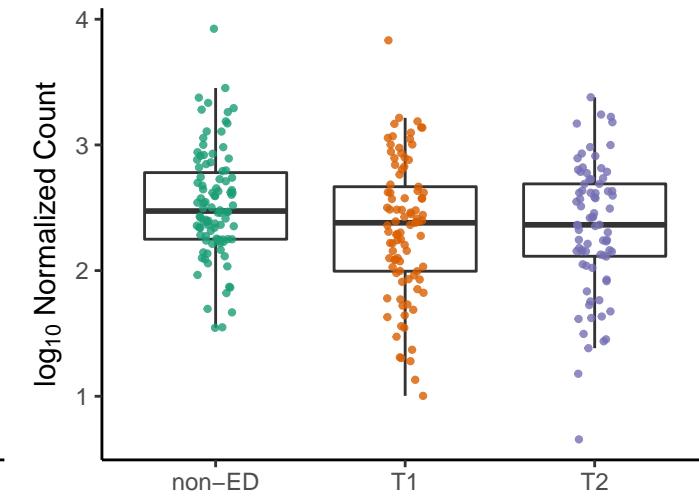
### *Streptomyces albus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.77



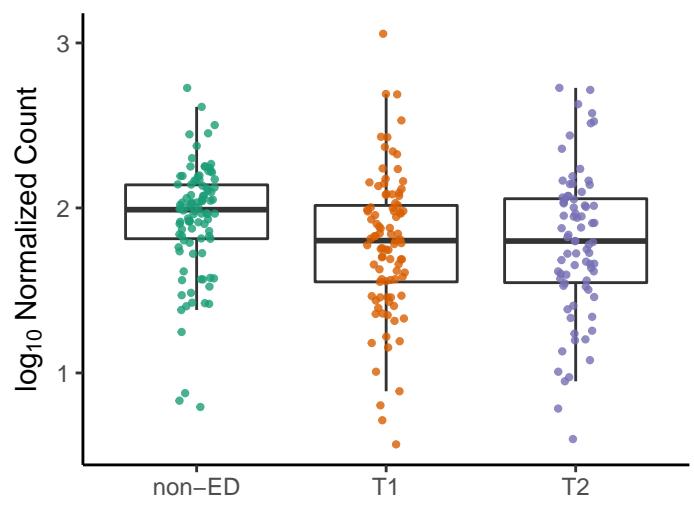
### *Actinomyces hongkongensis*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.73



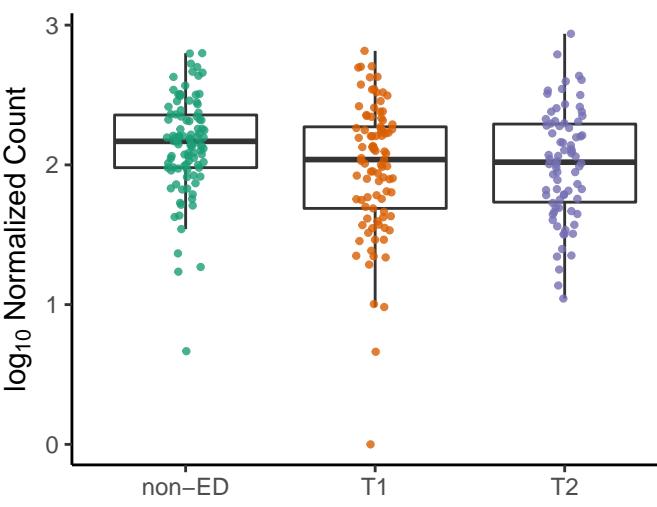
### *Anoxybacillus flavithermus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.87



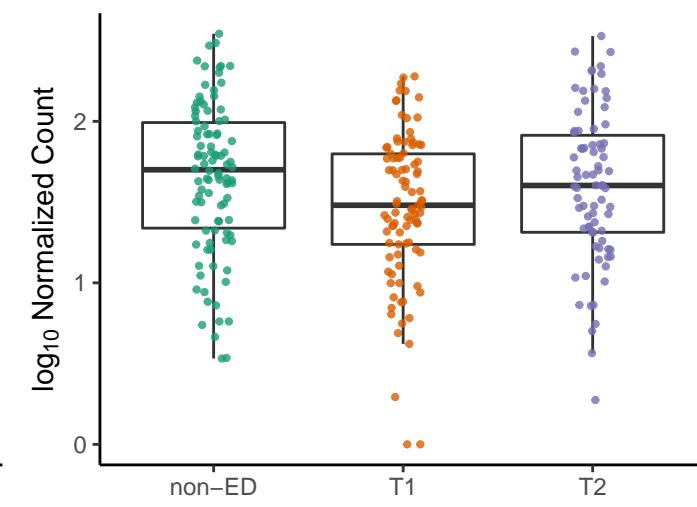
### *Bordetella trematum*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.81



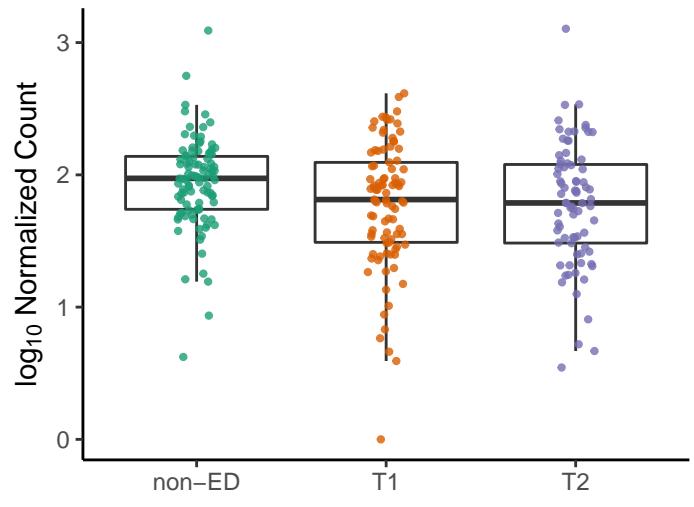
### *Rhizobium flavidum*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.51  
 T1 vs. T2 adjusted p = 0.56



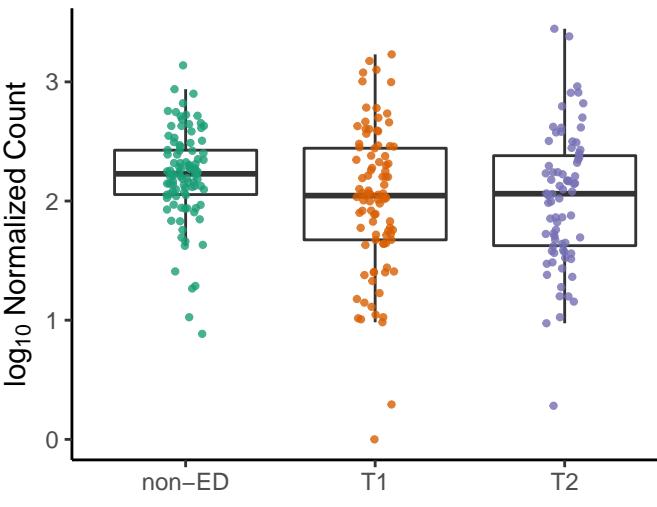
### *Gordonia polyisoprenivorans*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.93



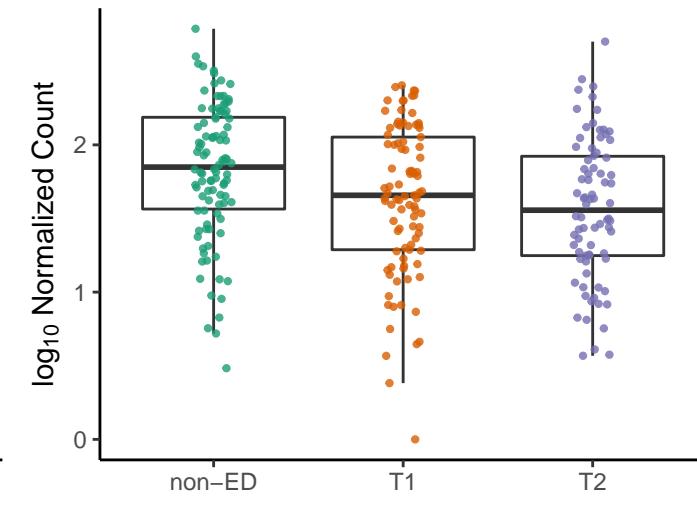
### *Thioalkalivibrio versutus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.88



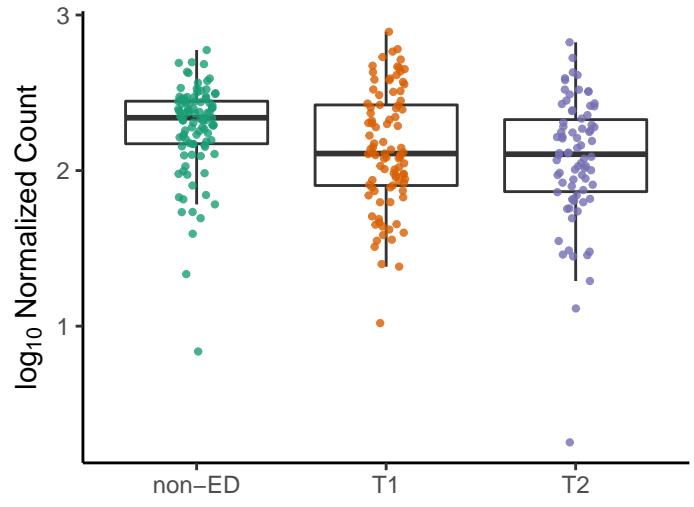
### *Sphingosinithalassobacter sp. zrk23*

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



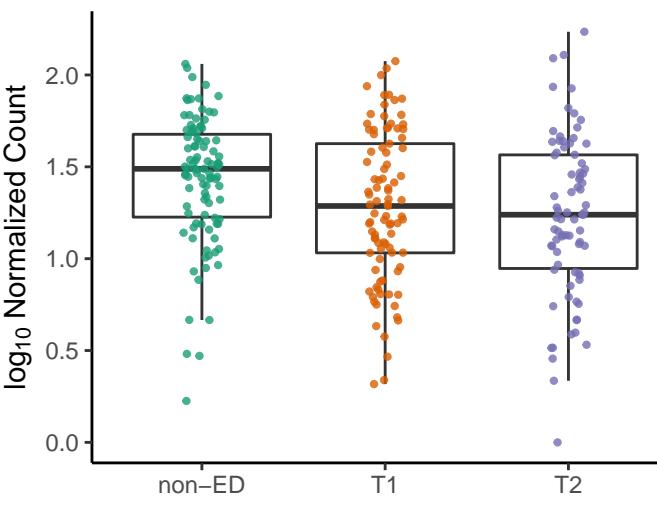
### [*Clostridium*] ultunense

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



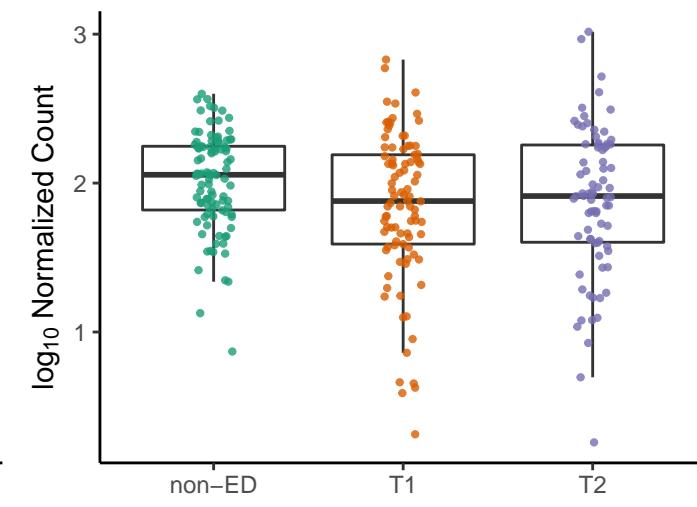
### *Cetia pacifica*

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



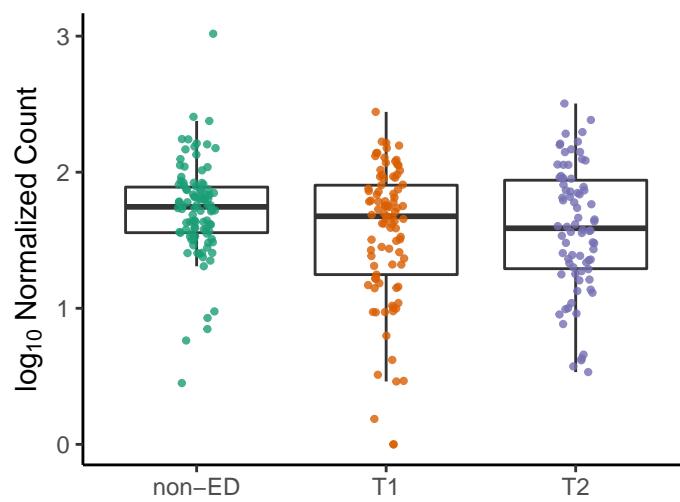
### *Cellulomonas sp. JZ18*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.79



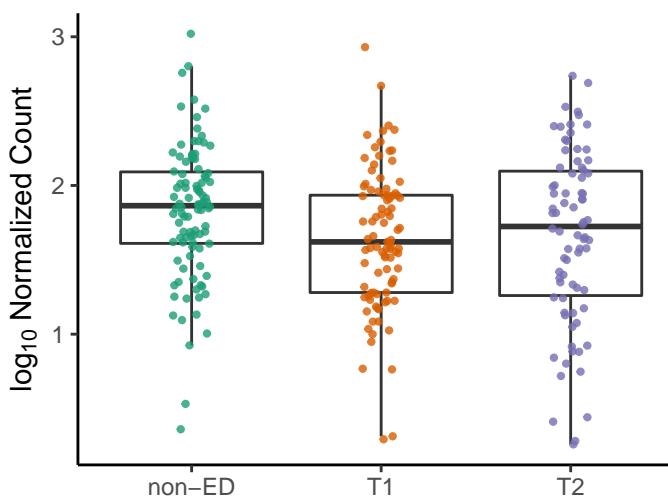
### *Pseudomonas reinekei*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.73



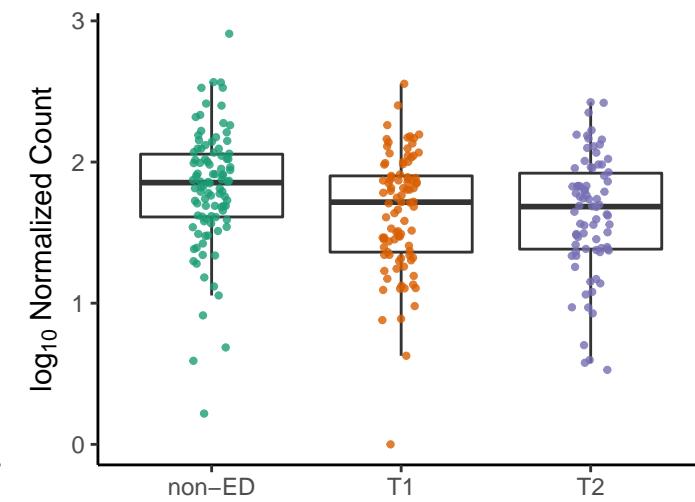
### *Salinigranum rubrum*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.88



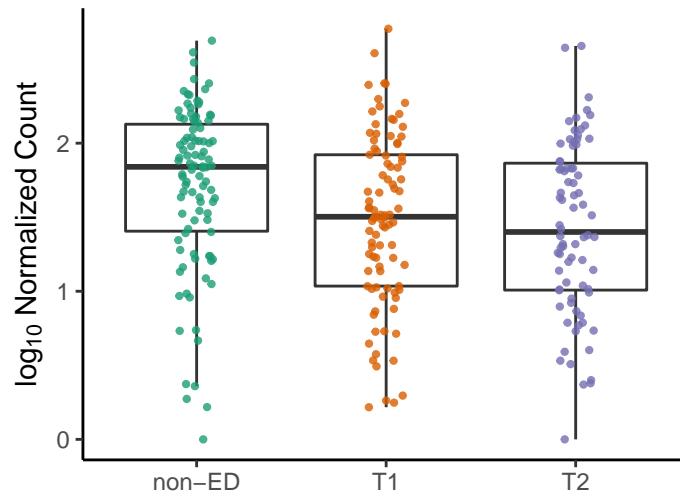
### *Calditerrivibrio nitroreducens*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 1



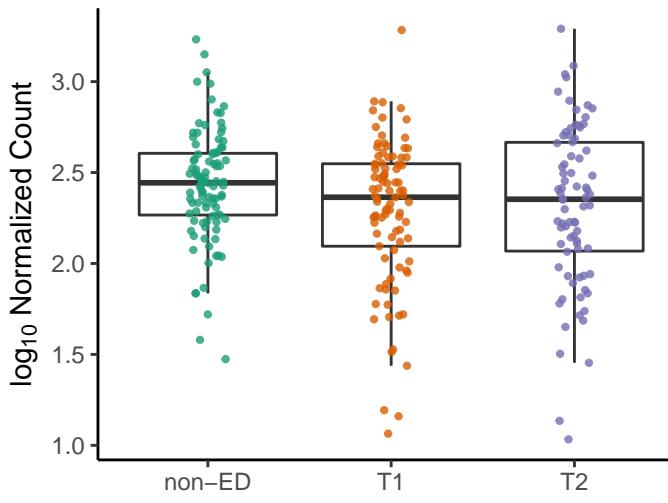
### *Lactobacillus* sp. BHWM-4

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.78



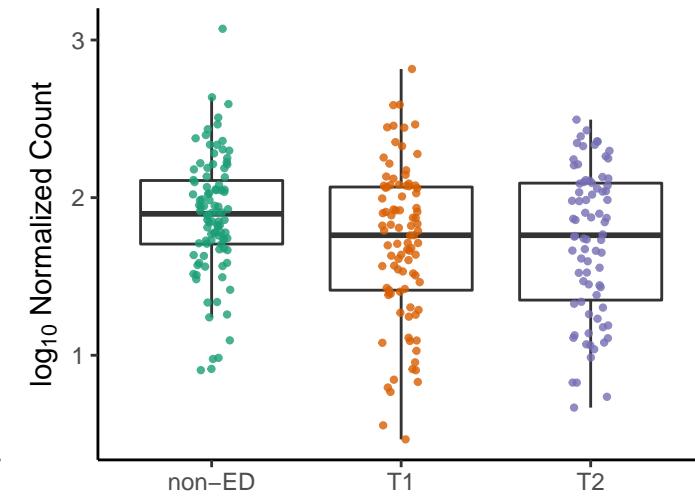
### *Alienimonas californiensis*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.74



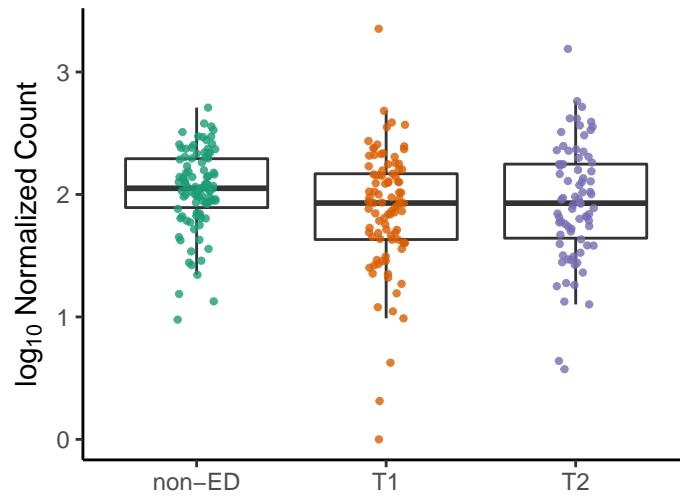
### *Microbacterium oryzae*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.91



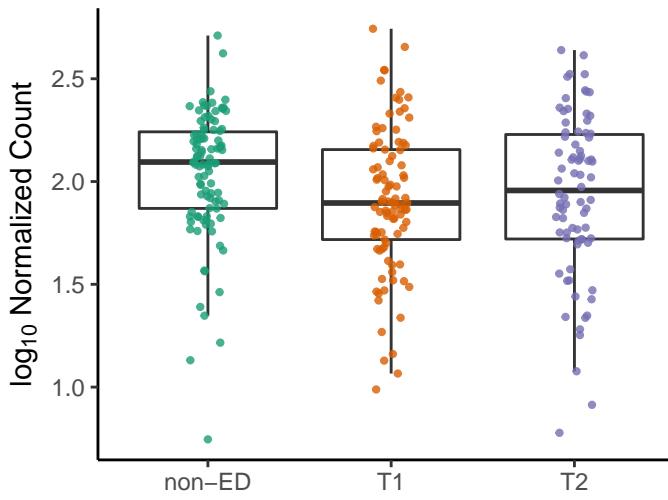
### *Mycobacterium grossiae*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.66



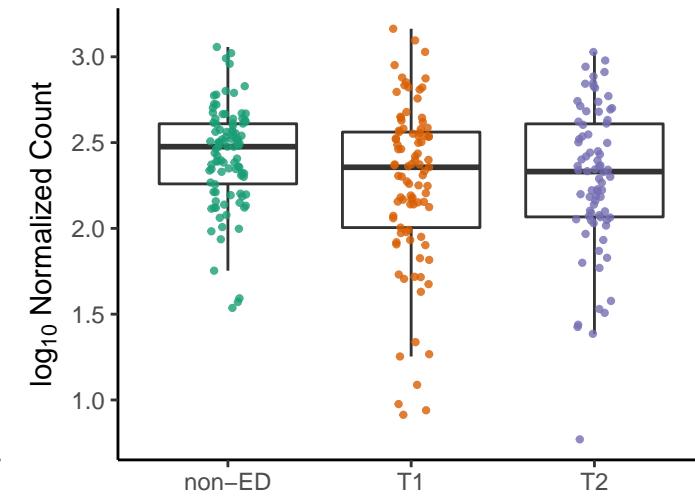
### *Paenibacillus* sp. IHB B 3084

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.77



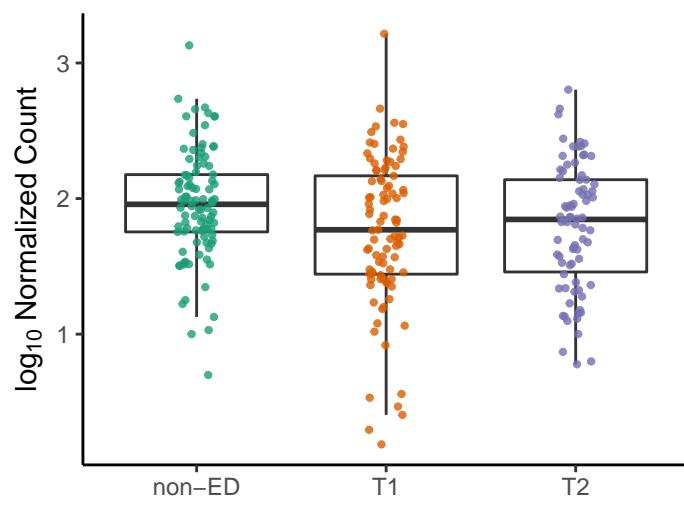
### *Pseudodesulfovibrio aespoensis*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.78



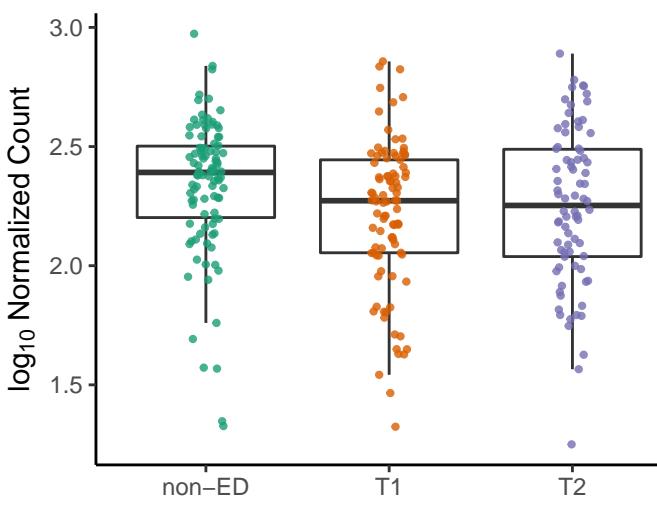
### *Segniliparus rotundus*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.74



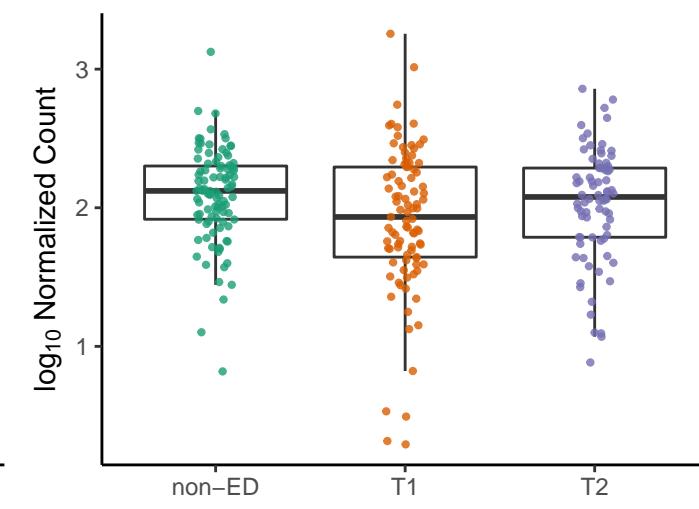
### Unclassified Pectobacterium Genus

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.67



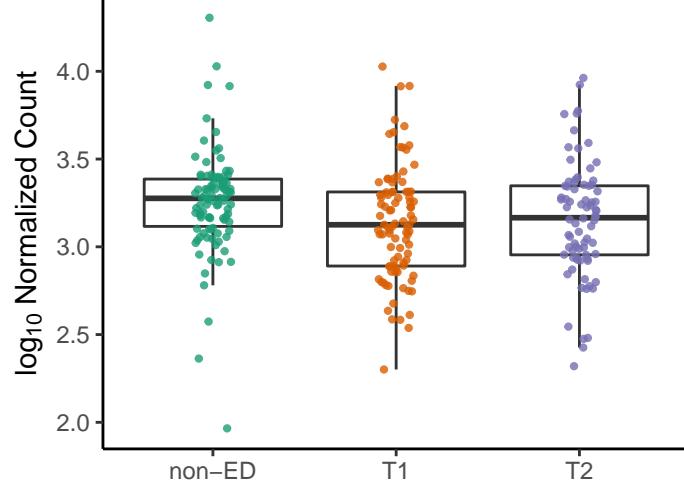
### *Leifsonia* sp. PS1209

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.43



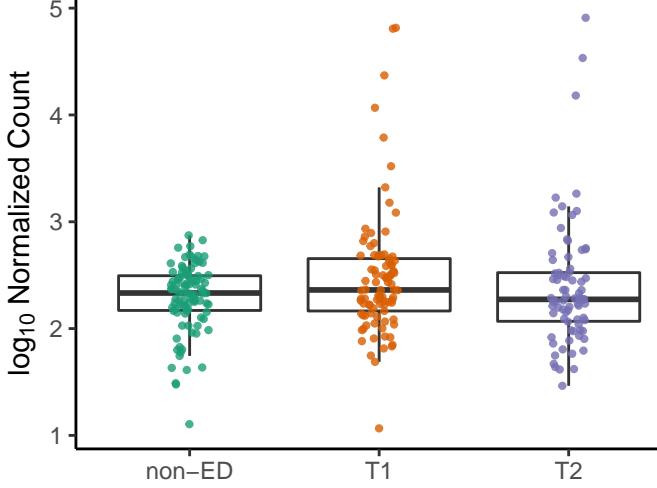
### *Intestinibaculum porci*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.81



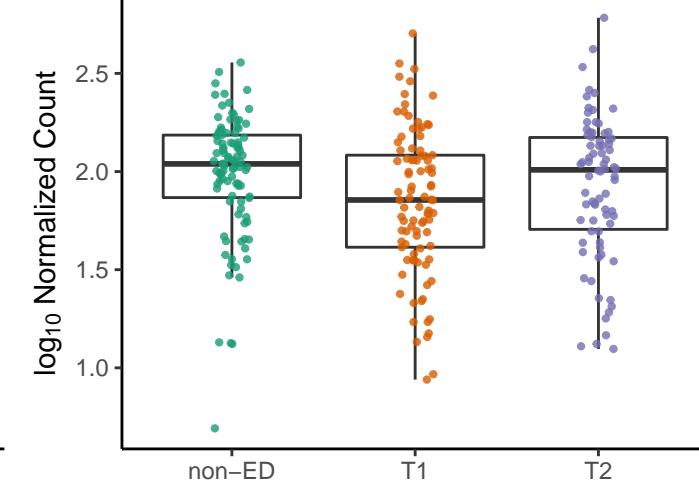
### *Enterococcus avium*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.66



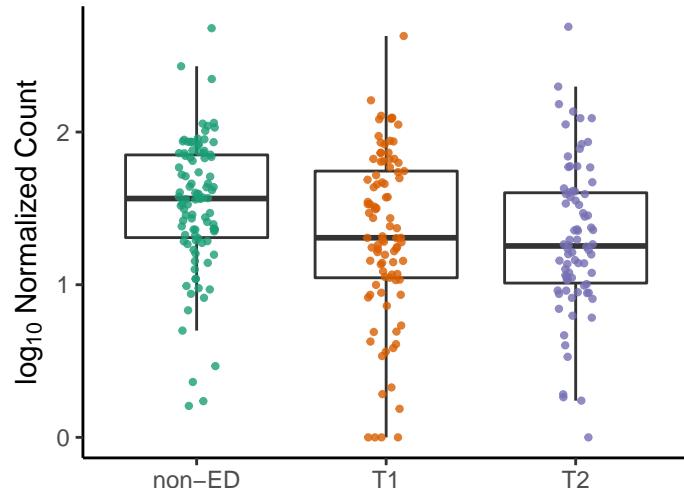
### *Geobacillus thermodenitrificans*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.35  
 T1 vs. T2 adjusted p = 0.61



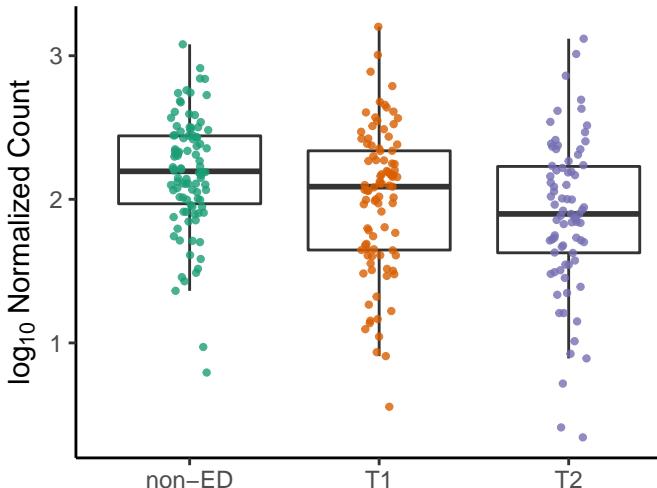
### *Helicobacter himalayensis*

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



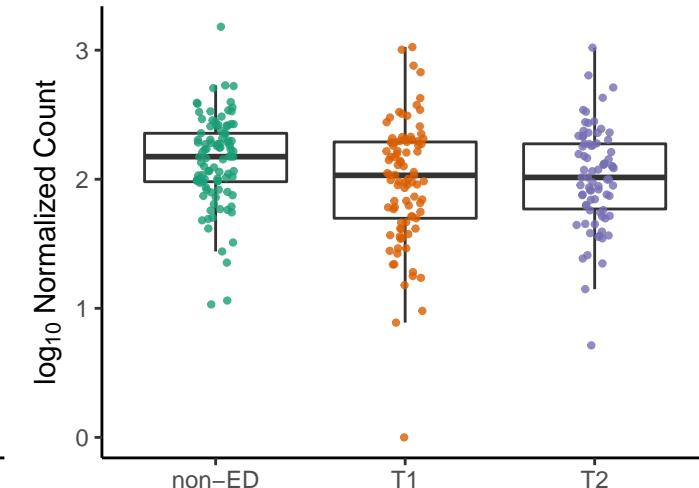
### *Streptococcus* sp. 116-D4

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



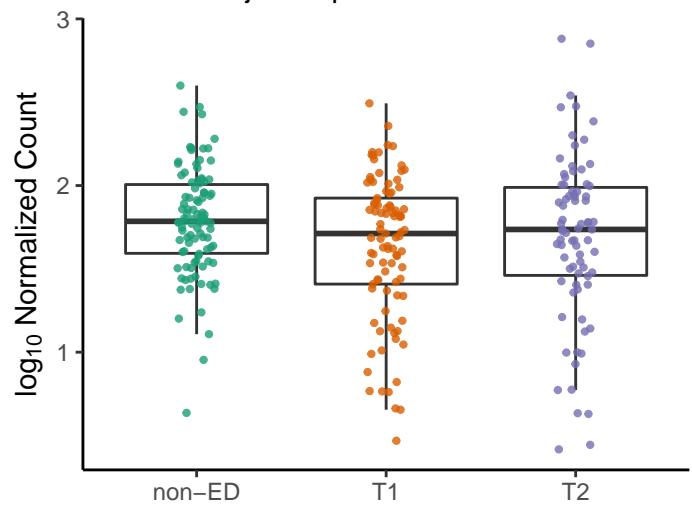
### *Rhizobium* sp. 11515TR

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.7



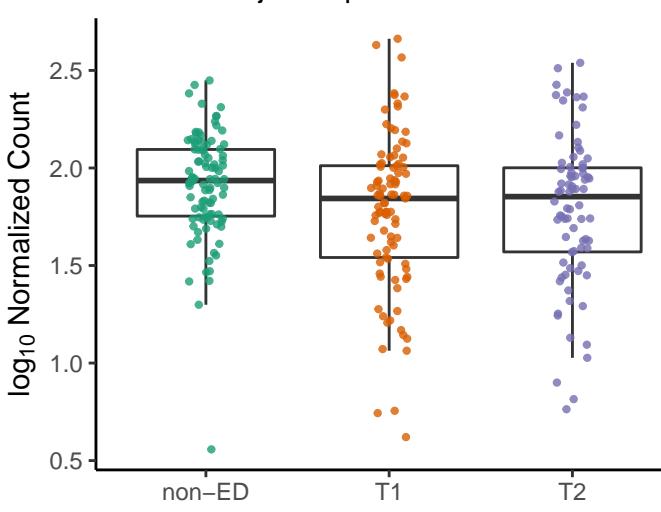
### *Neomicrococcus aestuarii*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.79



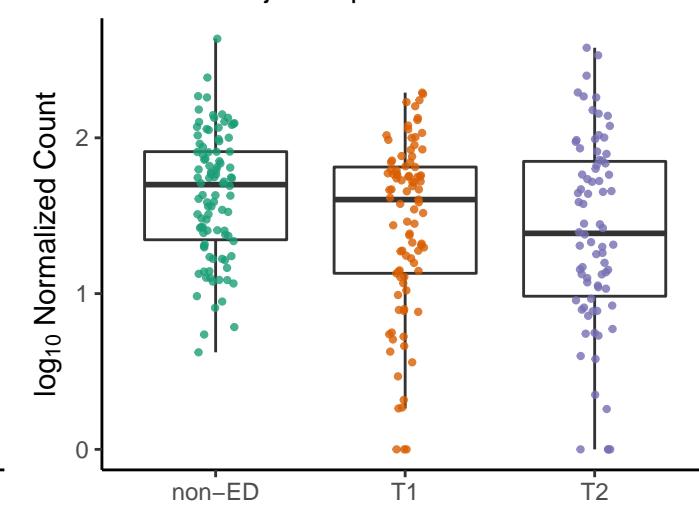
### *Terasakiella* sp. SH-1

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.83



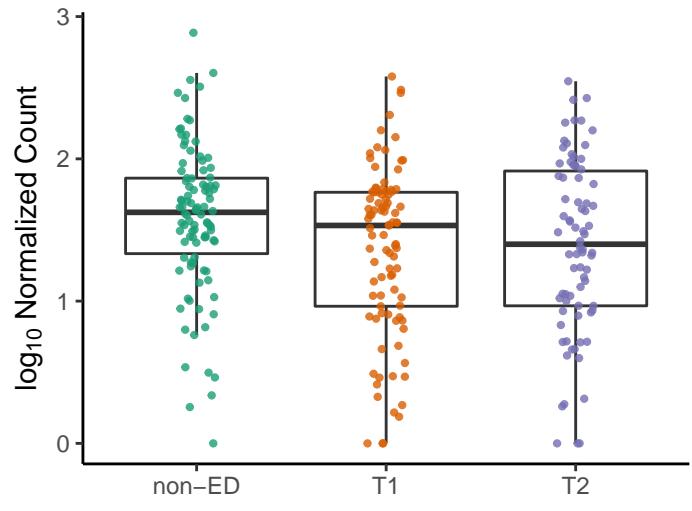
### *Agromyces* sp. MF30-A

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.97



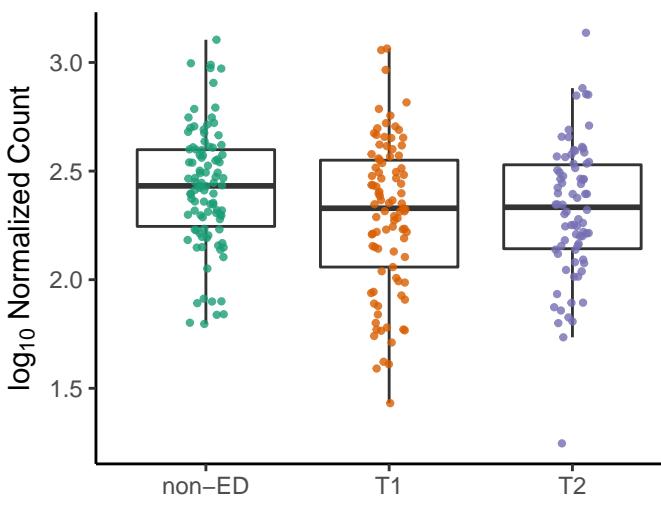
### *Halorubrum trapanicum*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.76



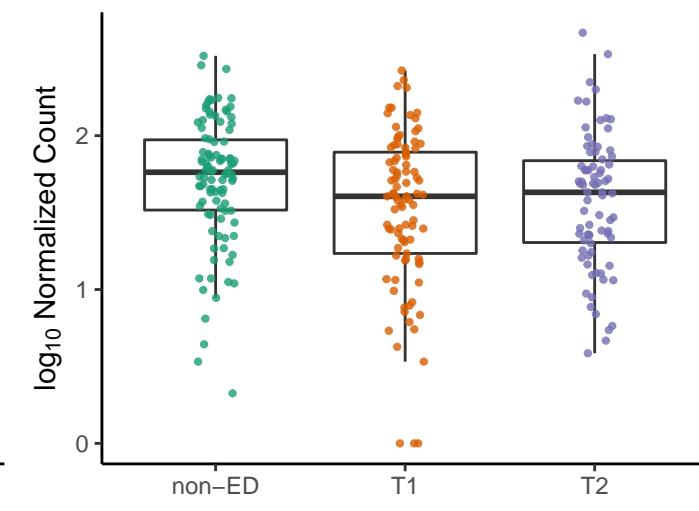
### *Brevibacillus agri*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.75



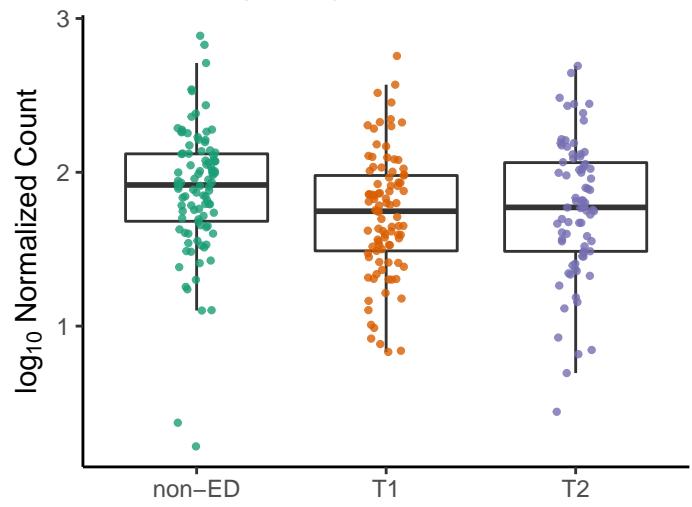
### *Corynebacterium pelargi*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.72



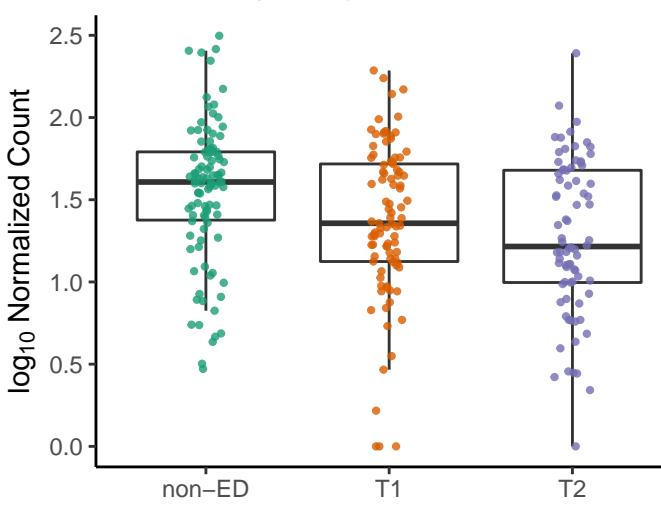
### *Histophilus somni*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.98



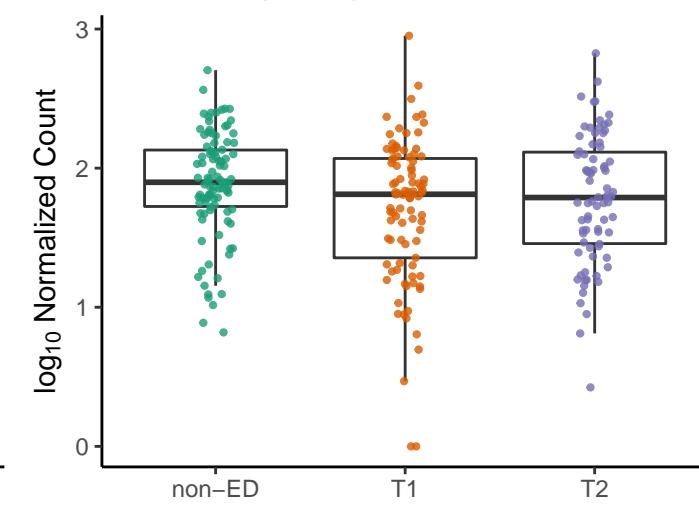
### Unclassified Dokdonia Genus

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



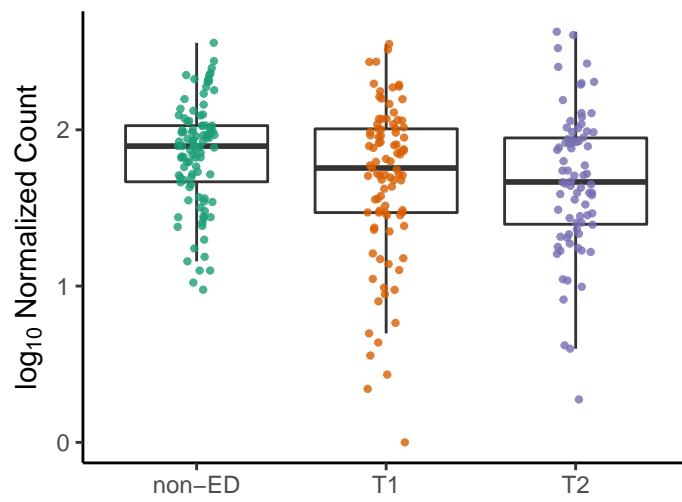
### Unclassified Micrococcus Genus

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.66



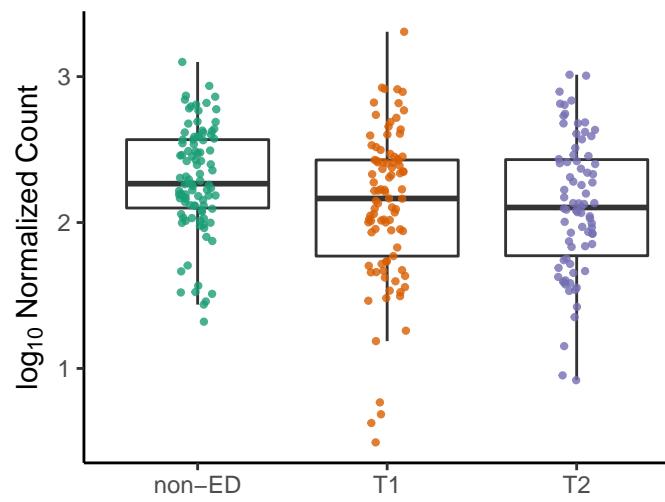
### *Streptomyces noursei*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.87



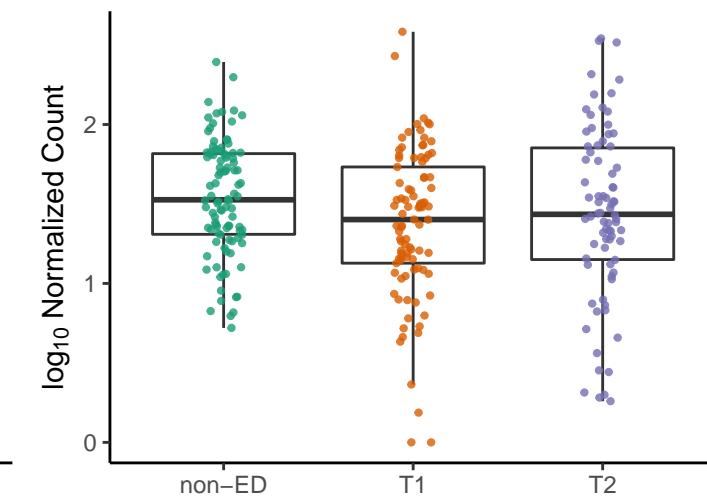
### *Rhizobacter gummiphilus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.89



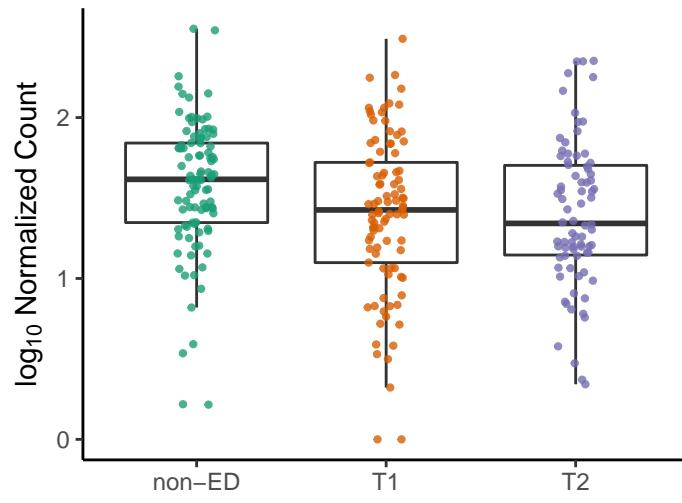
### *Halorussus sp. ZS-3*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.7



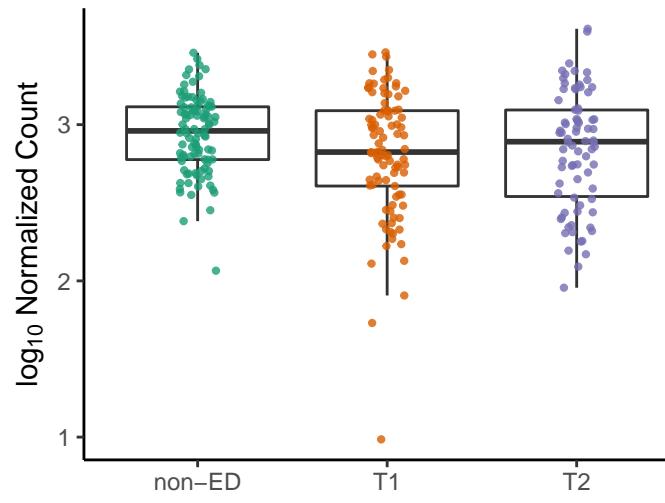
### *Legionella longbeachae*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.94



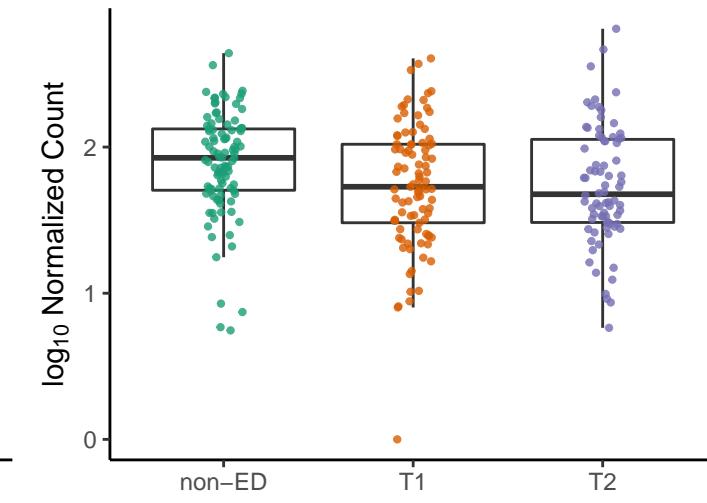
### Unclassified Corynebacteriales Order

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.7



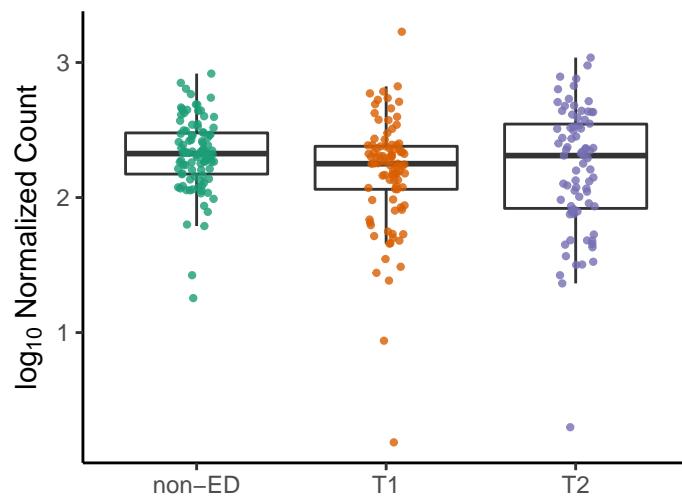
### *Spirochaeta perflievi*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.89



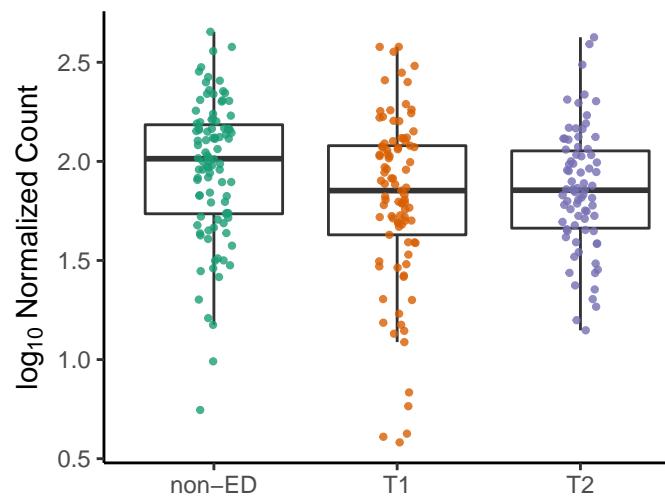
### *Microvirgula aerodenitrificans*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.76



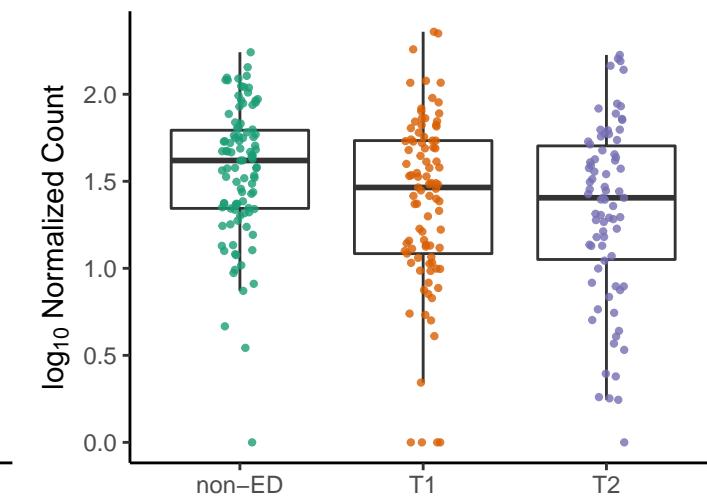
### *Sulfuriferula sp. AH1*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.75



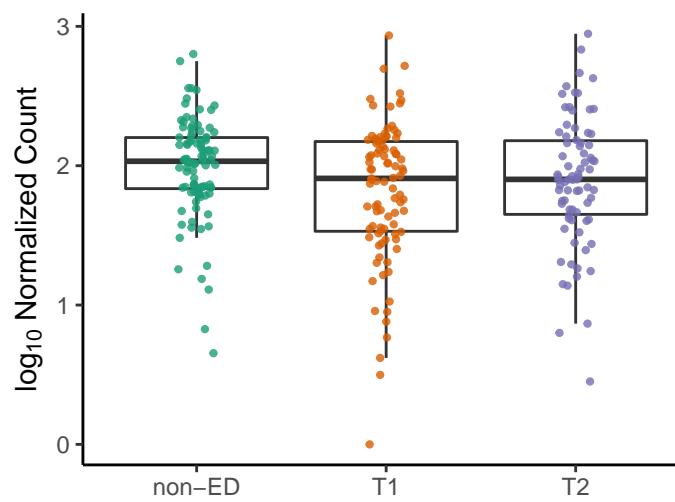
### *Mycoplasma citelli*

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



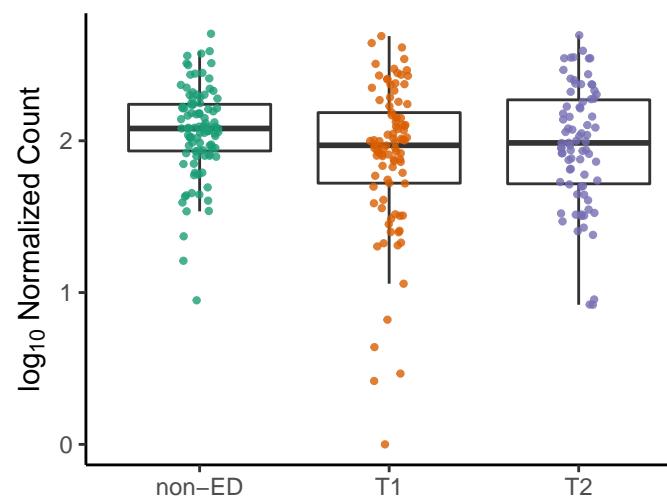
### *Janibacter indicus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.67



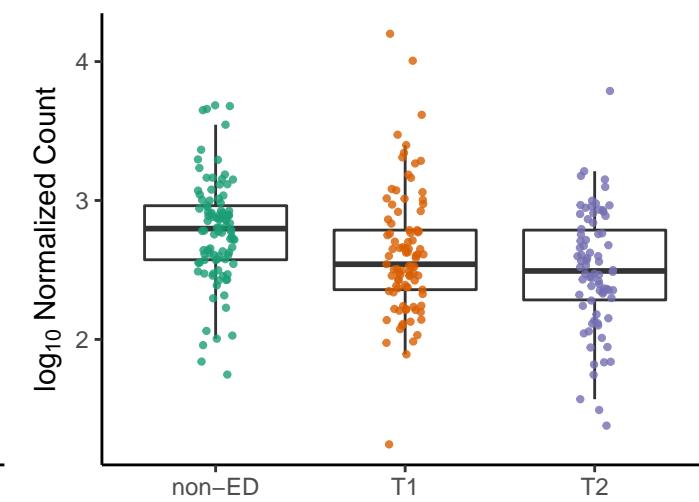
### *Casimicrobium huifangae*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.7



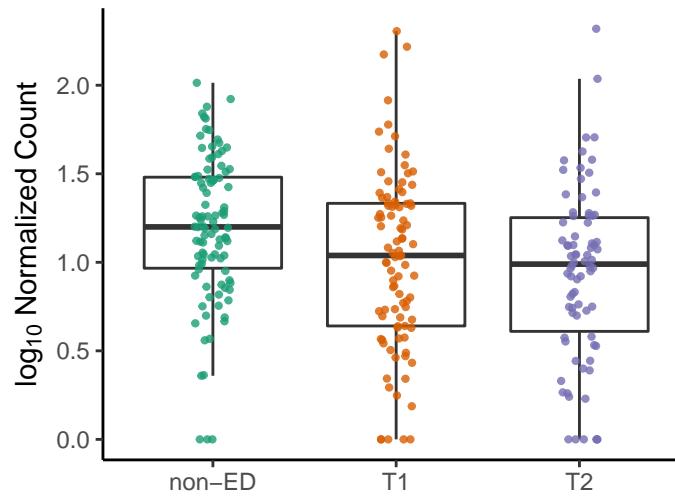
### *Parvimonas micra*

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



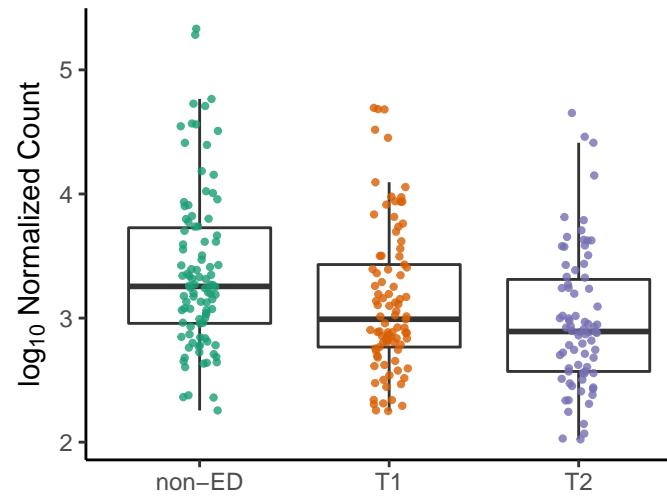
### *Thermoanaerobacter italicus*

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



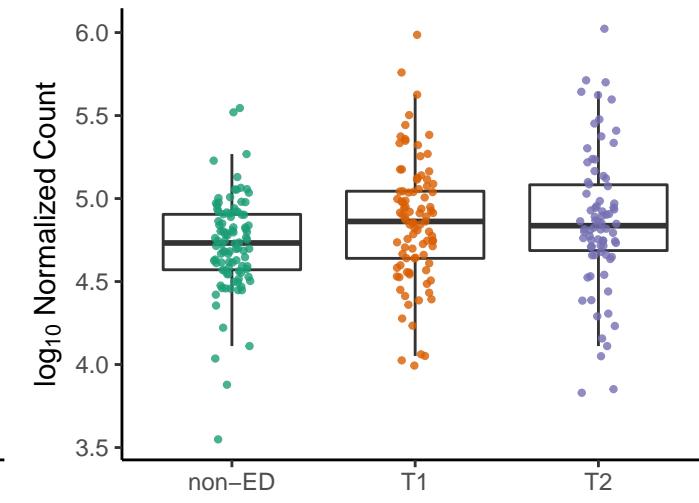
### *Turicibacter sp. H121*

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



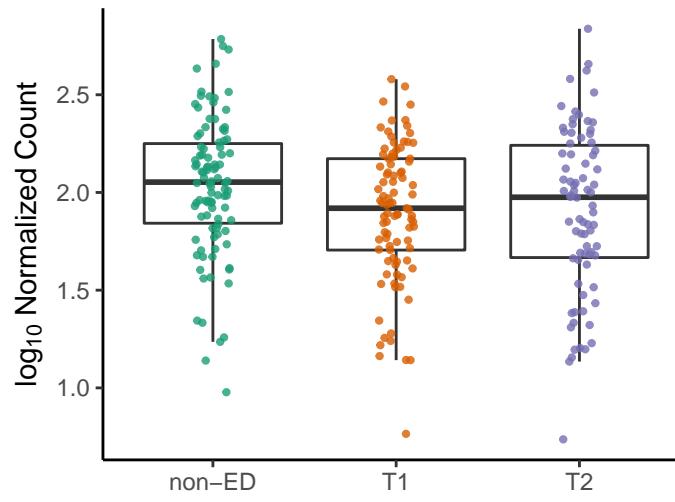
### *Clostridiales bacterium CCNA10*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.86



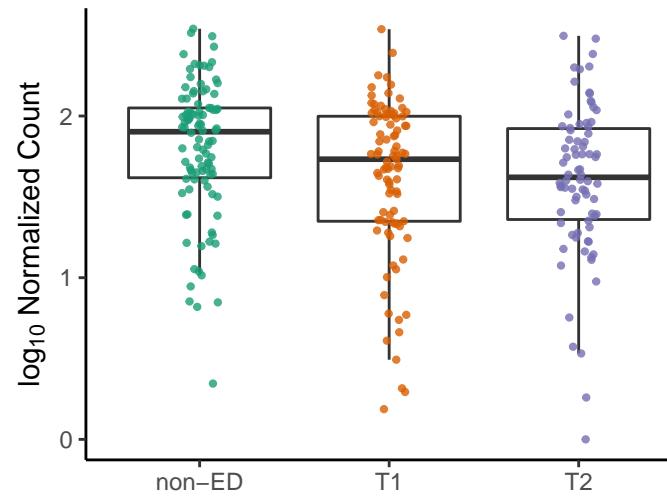
### *Sporisorium graminicola*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.77



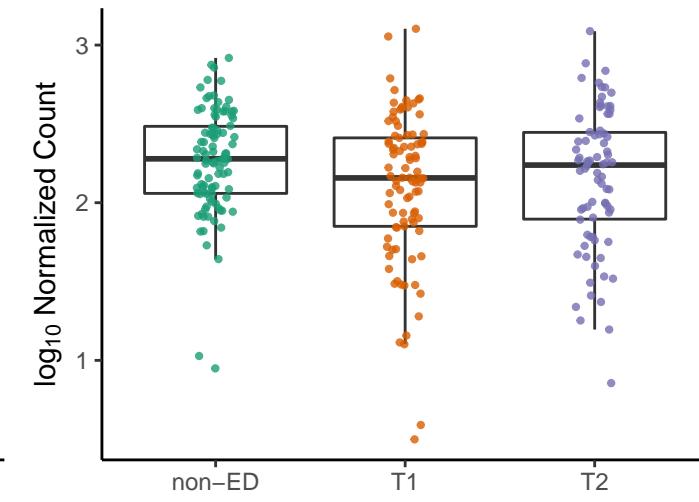
### *Shewanella amazonensis*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.95



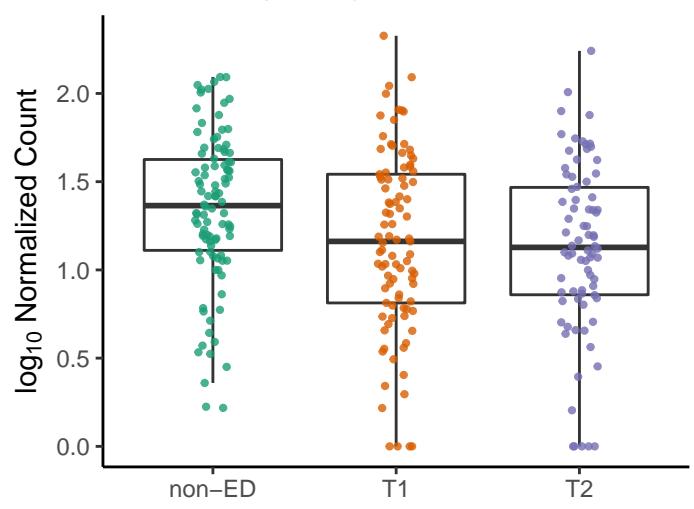
### *Pigmentiphaga sp. H8*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.68



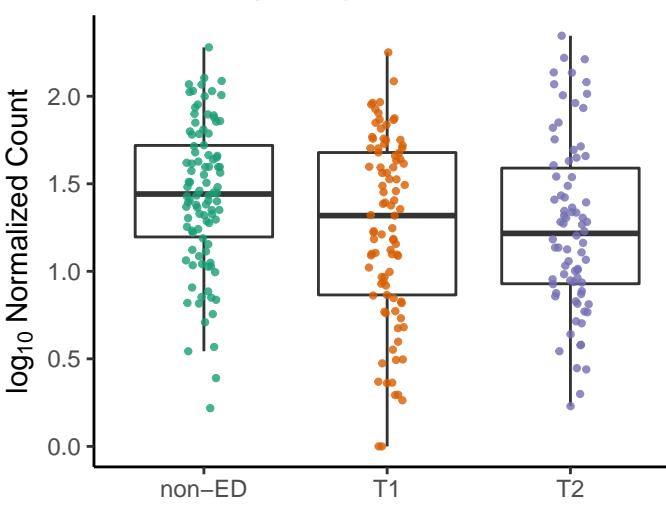
### Candidatus Amoebophilus asiaticus

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



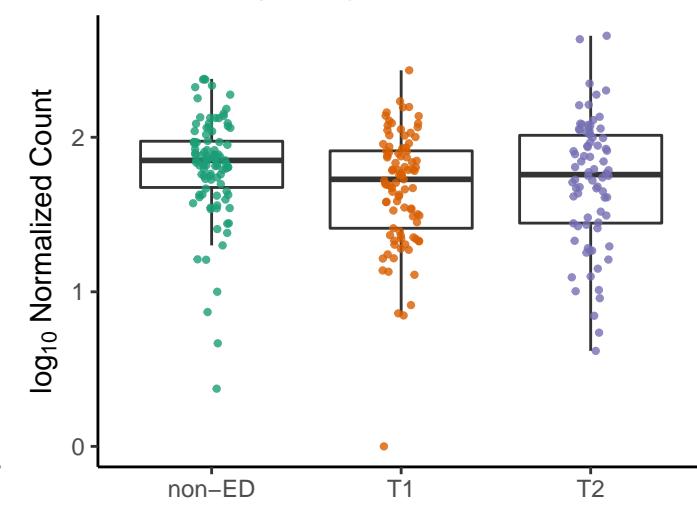
### Shewanella denitrificans

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.85



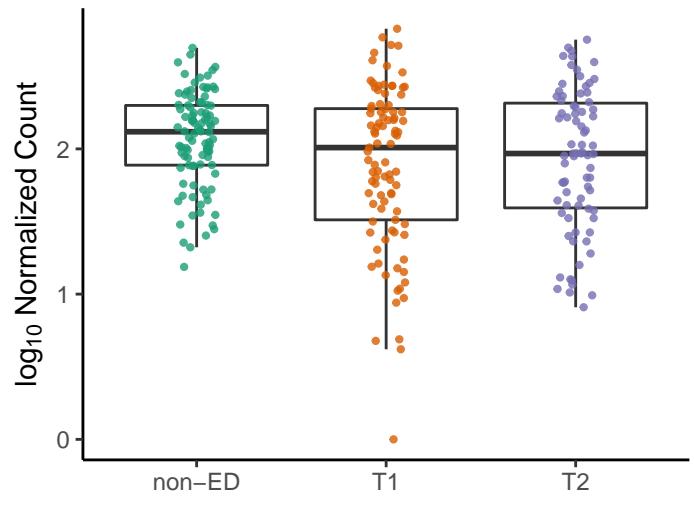
### Unclassified Microcoleaceae Family

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



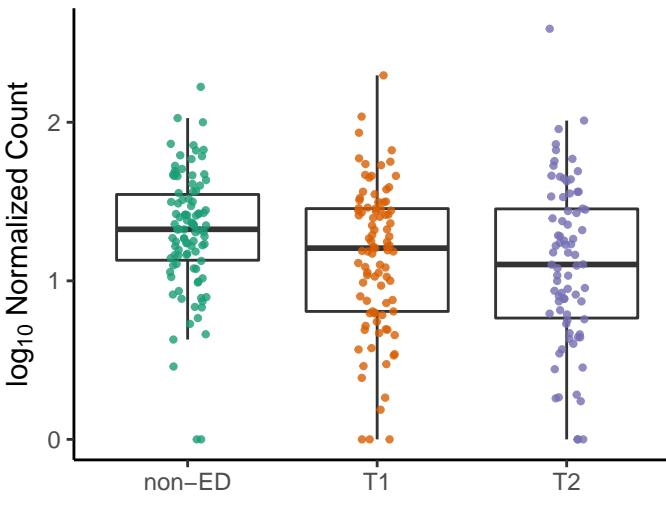
### Unclassified Nocardioides Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.7



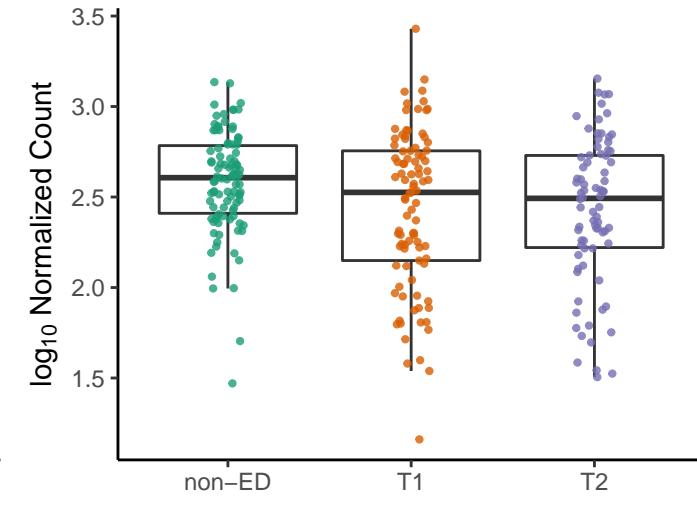
### secondary endosymbiont of Ctenarytaina

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.99



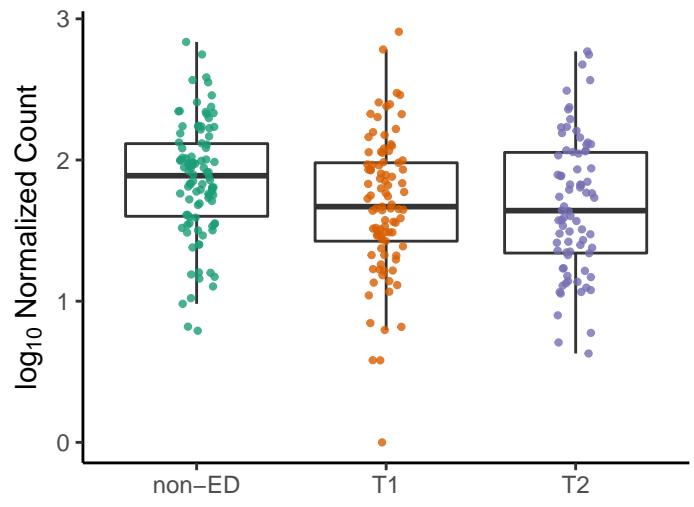
### Unclassified Variovorax Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.94



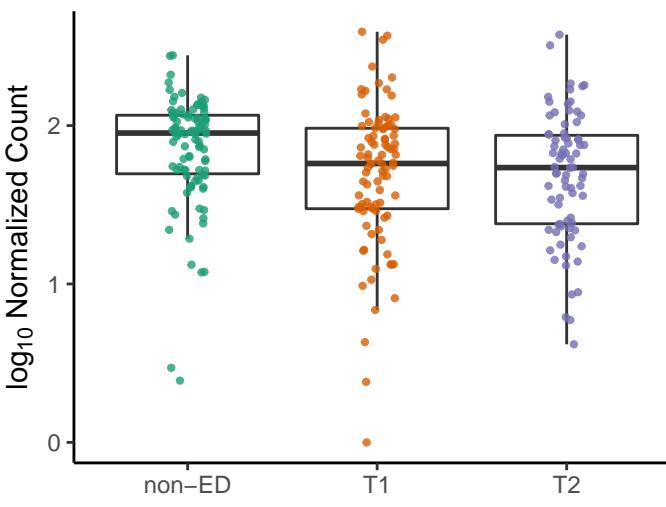
### Streptomyces violaceusniger

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.83



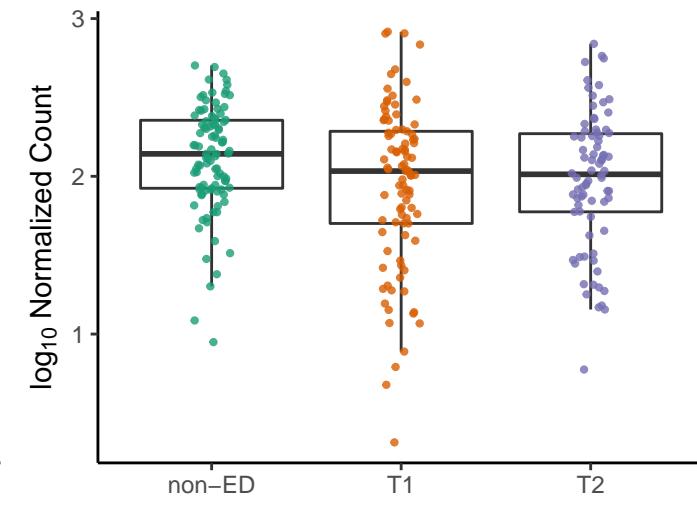
### Arachidicoccus sp. B3-10

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.96



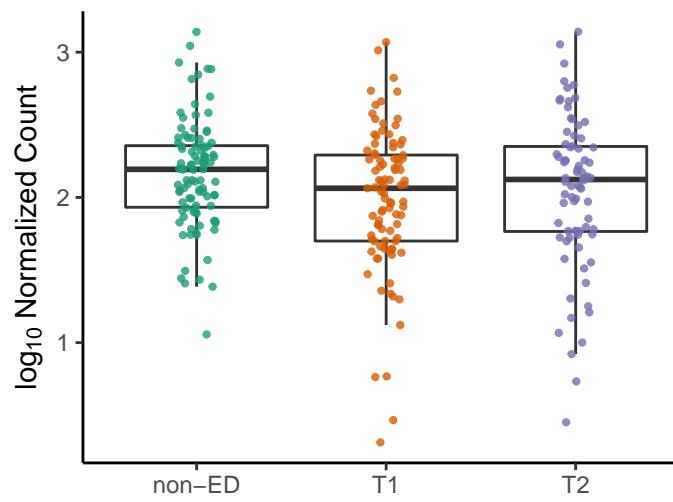
### Streptomyces lincolnensis

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.75



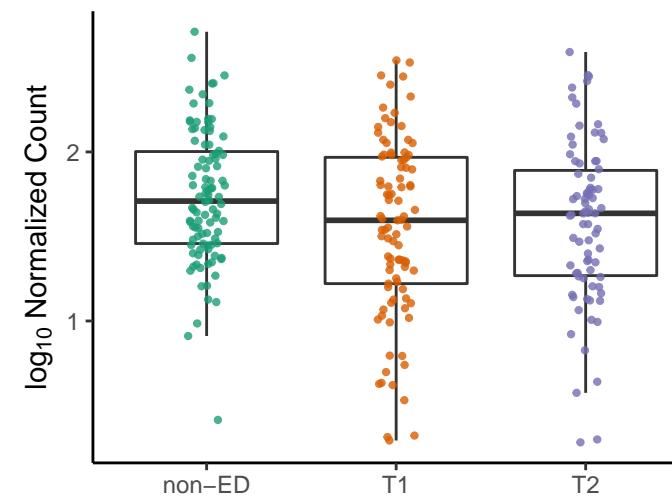
### *Salipiger profundus*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.67



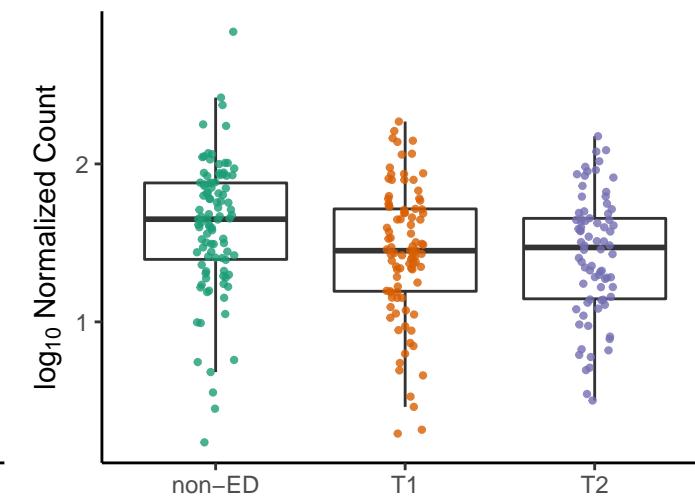
### *Gordonia iterans*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.86



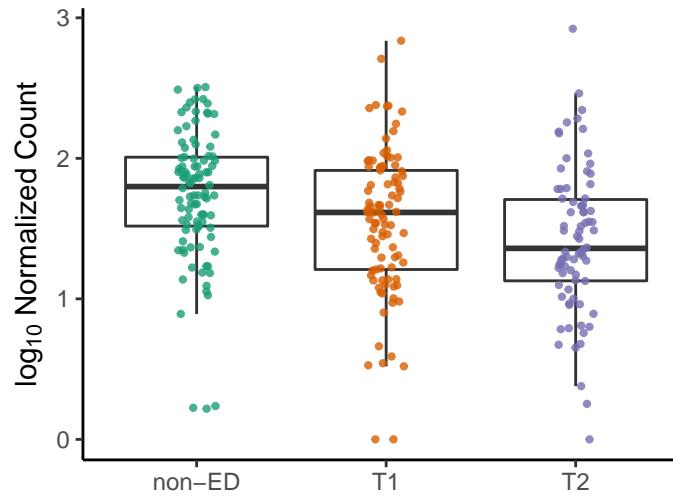
### *Shewanella japonica*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.88



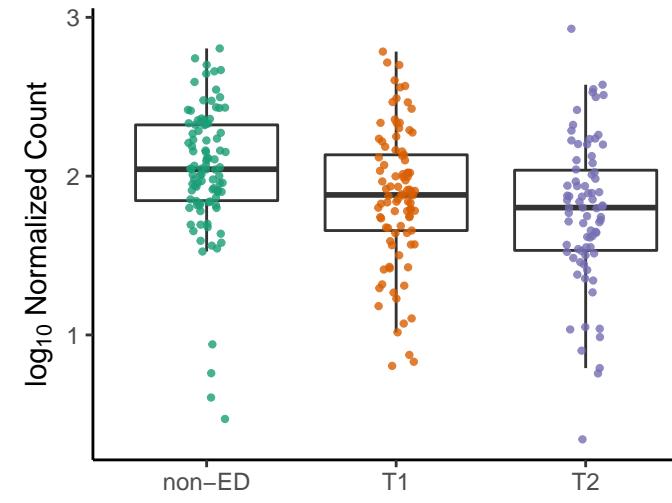
### *Sneathia amnii*

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



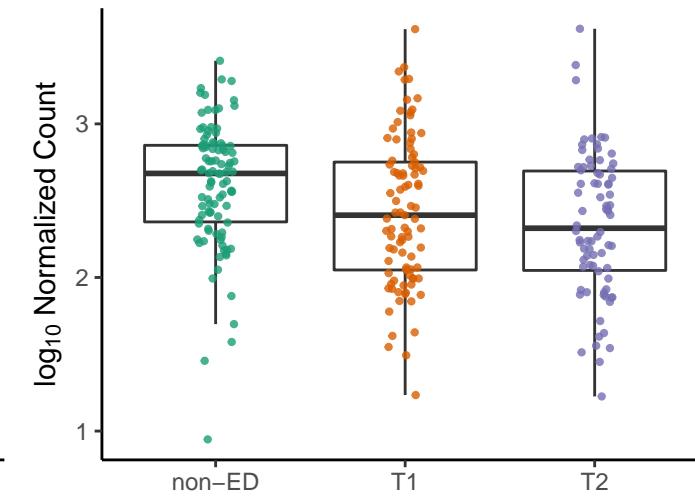
### *Candidatus Arthromitus sp. SFB-rat-Yit*

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



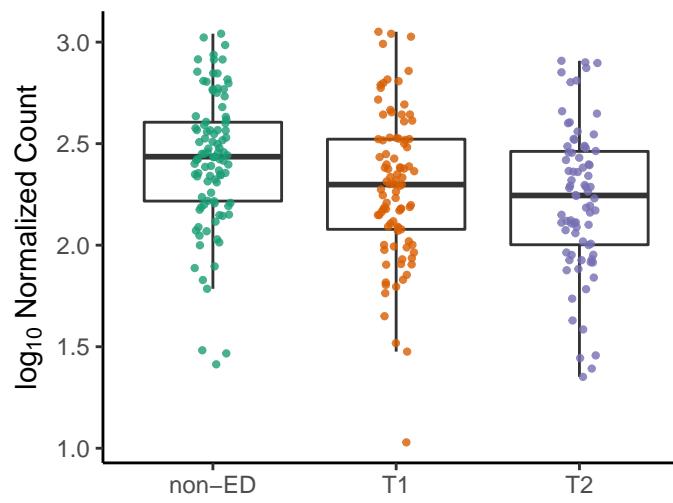
### *Paraclostridium bifermentans*

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



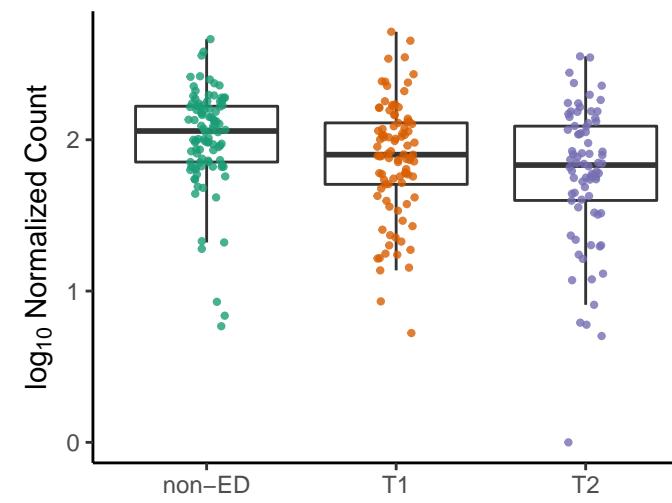
### *Caloranaerobacter azorensis*

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



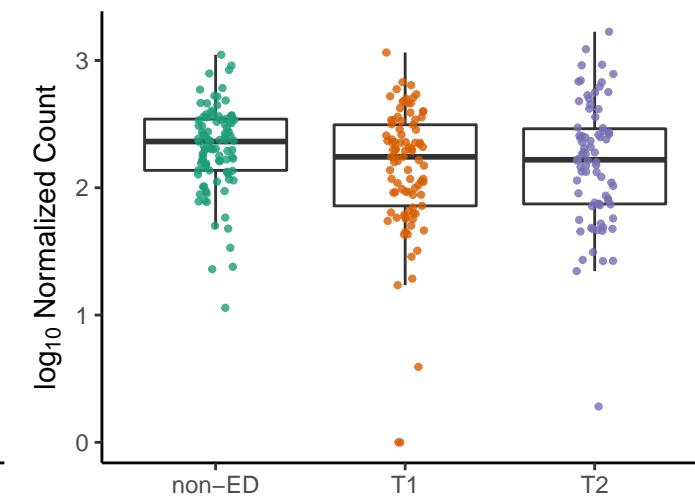
### *Chryseobacterium balustinum*

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



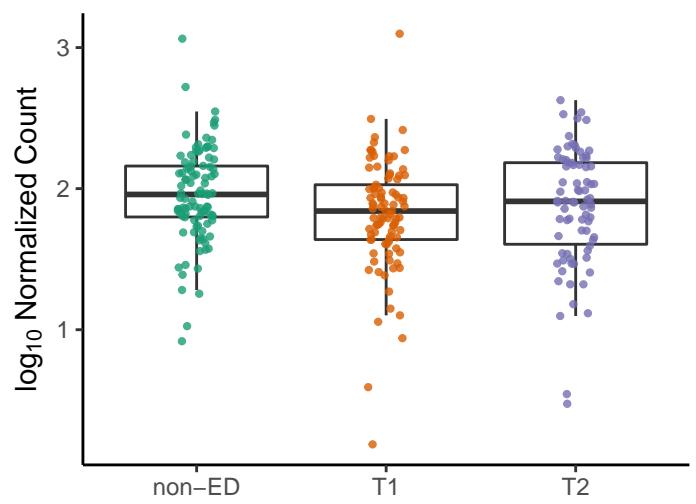
### *Anaeromyxobacter dehalogenans*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.77



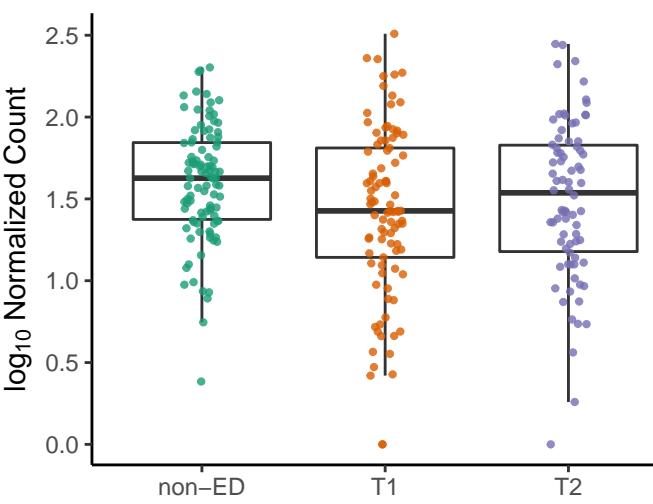
### Rhodobaca barguzinensis

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.61



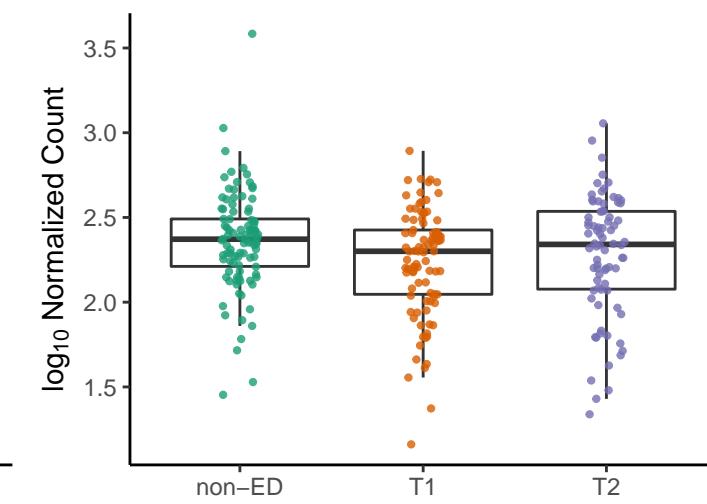
### Synechococcus sp. WH 7803

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.66



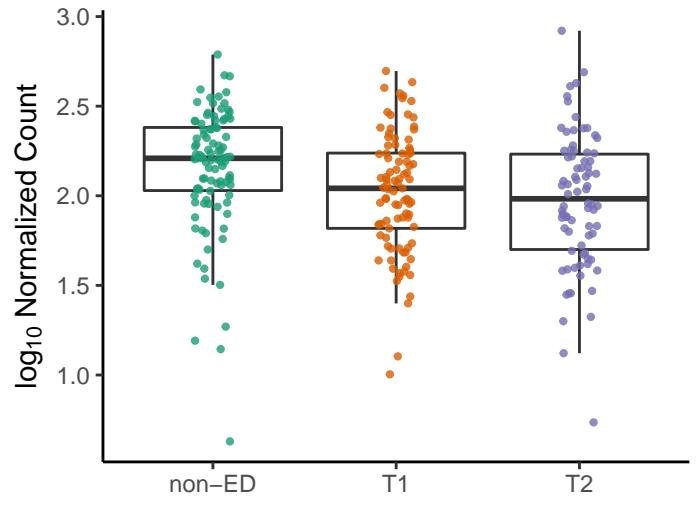
### Pseudomonas syringae

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.7



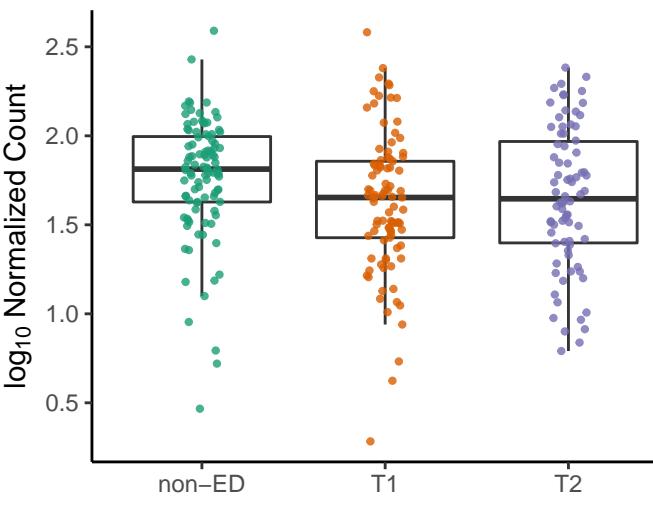
### Treponema sp. OMZ 838

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



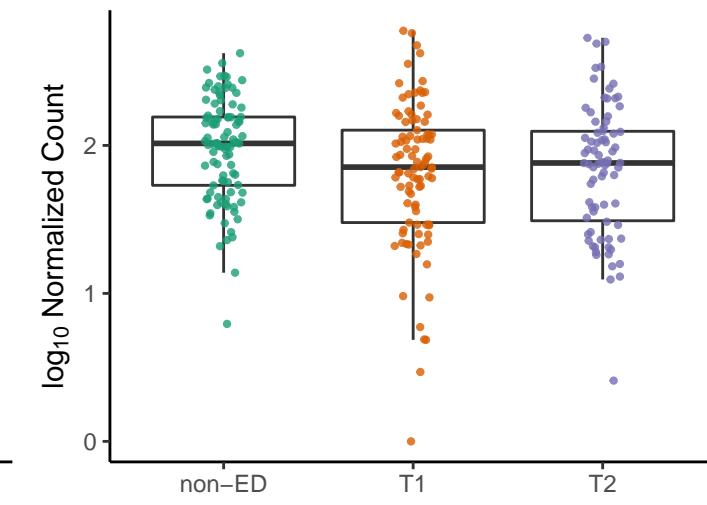
### Yersinia sp. KBS0713

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.95



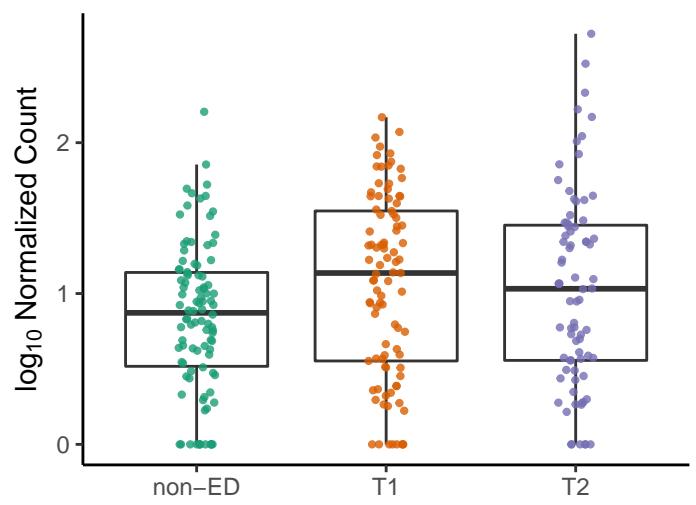
### Cupriavidus pinatubonensis

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.77



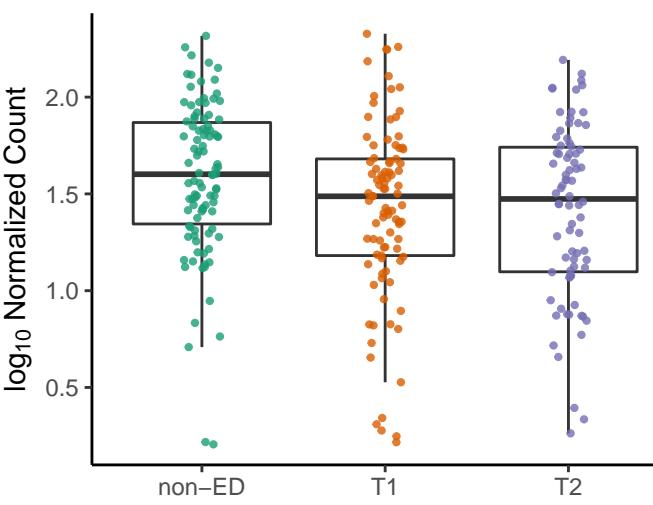
### Pseudomonas sp. FGI182

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.99



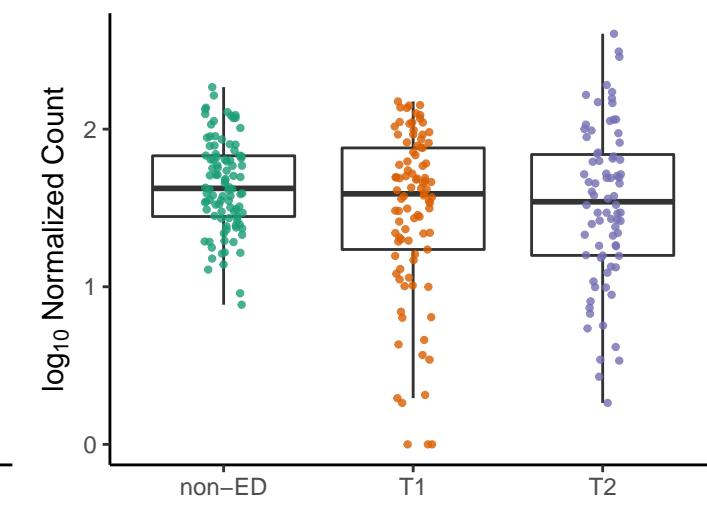
### Fischerella sp. NIES-3754

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.97



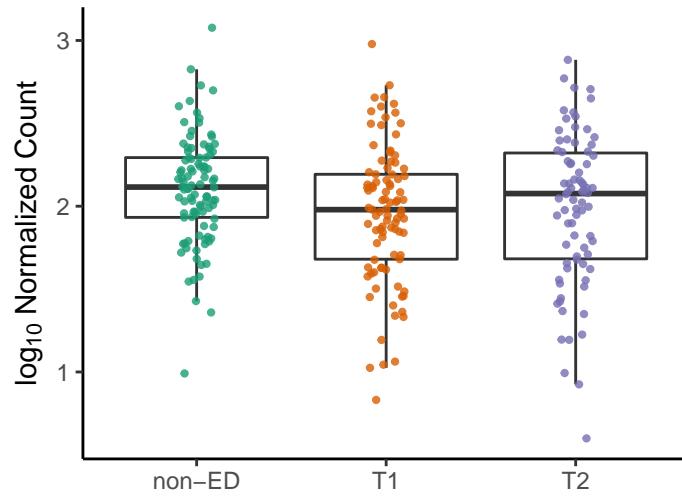
### Corynebacterium sp. LMM-1652

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.7



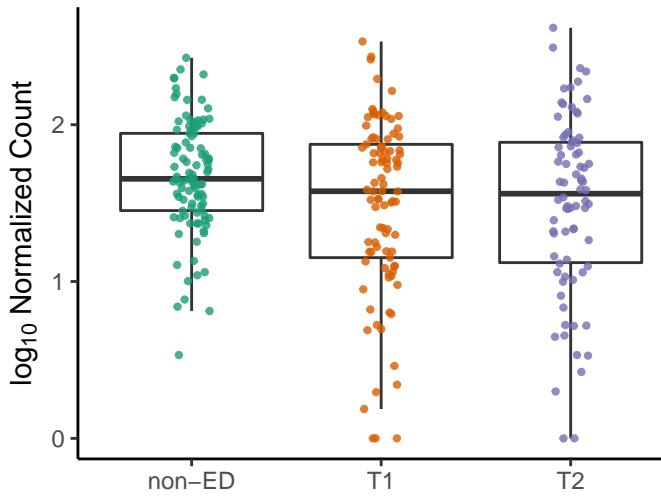
### *Streptomyces fungicidicus*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.74



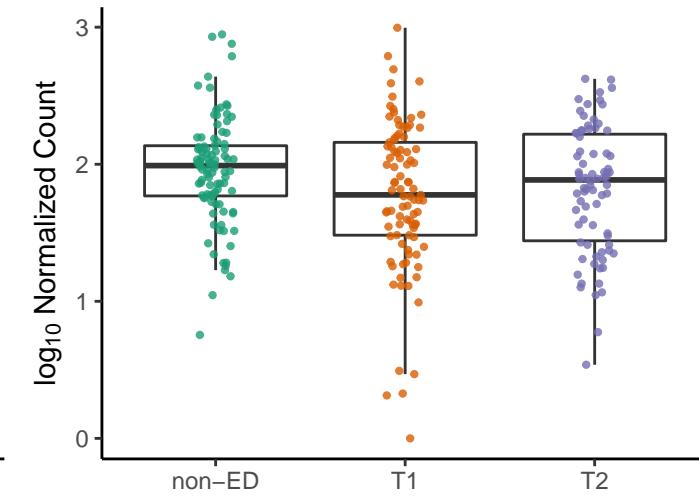
### *Halobiforma lacisalsi*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.8



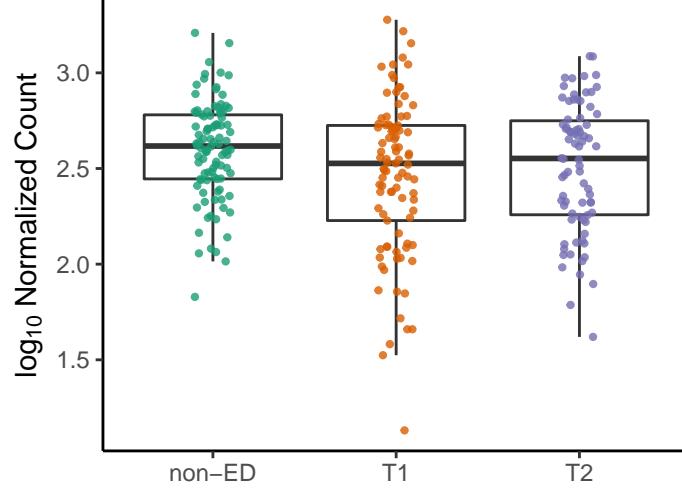
### *Pulveribacter suum*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.73



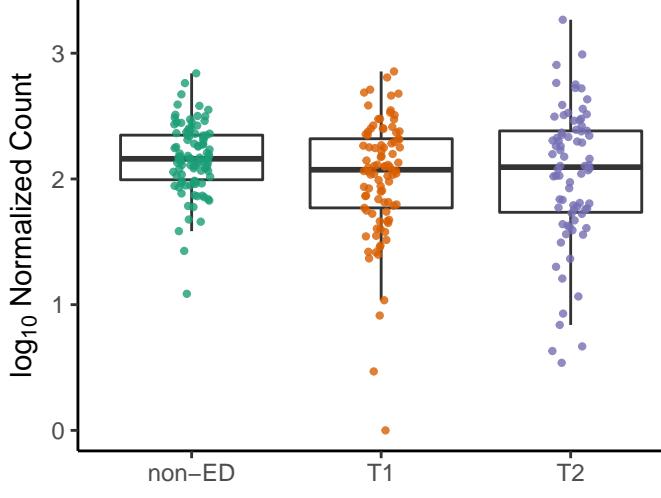
### Unclassified Geobacter Genus

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.68



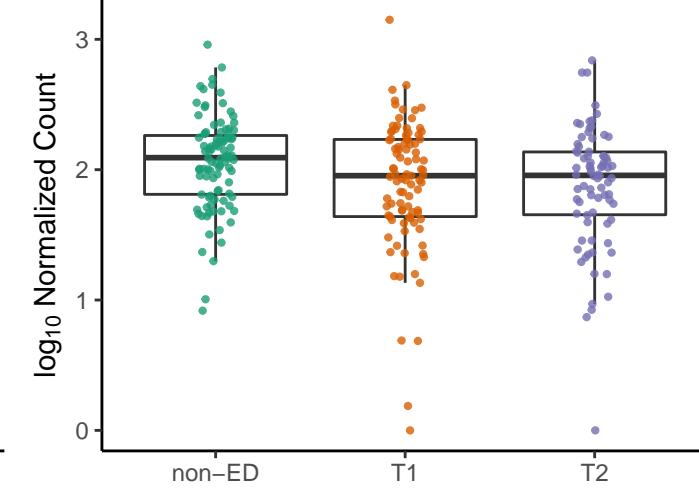
### *Mesorhizobium* sp. 8

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.77



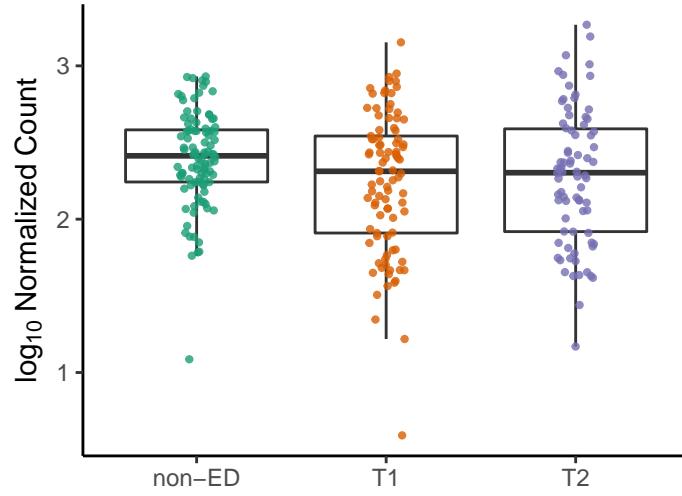
### *Sulfuriferula plumbiphila*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



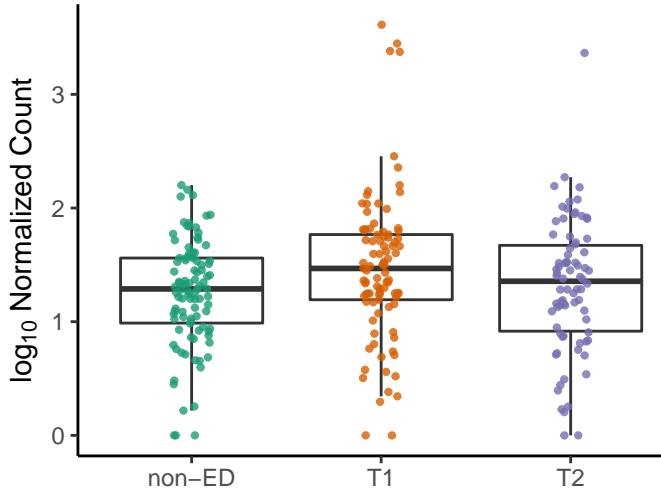
### Unclassified Anaeromyxobacter Genus

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.72



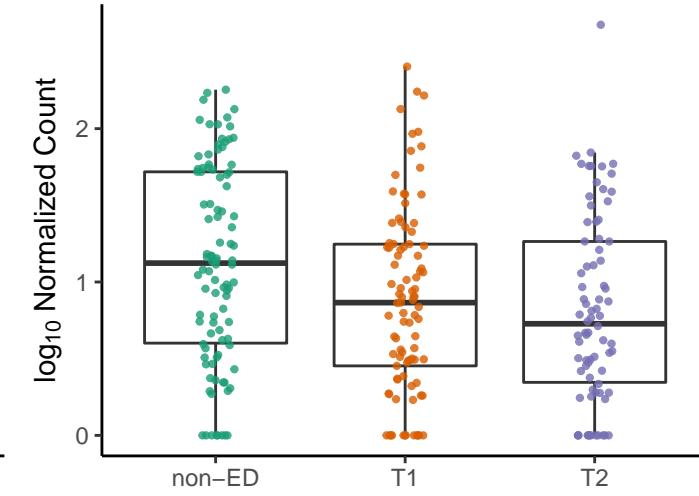
### *Enterococcus gallinarum*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.56  
 T1 vs. T2 adjusted p = 0.52



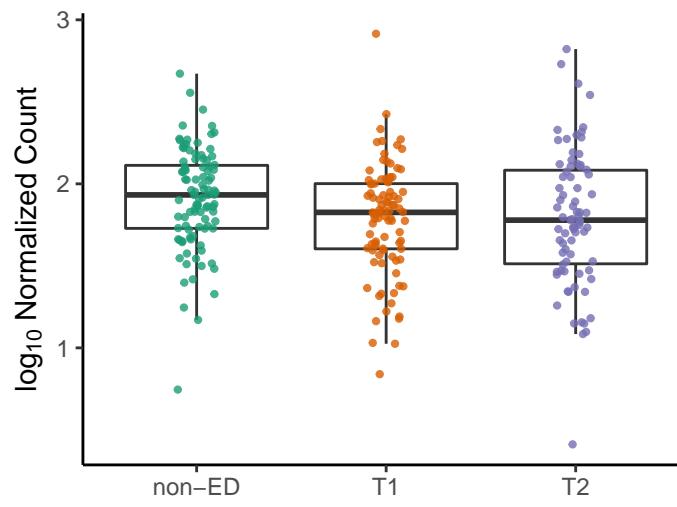
### *Blattabacterium punctulatus*

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



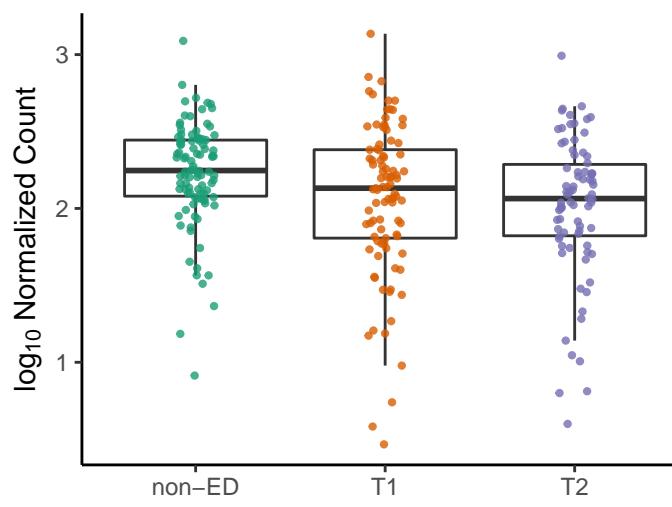
### *Chryseobacterium arthrosphaerae*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.99



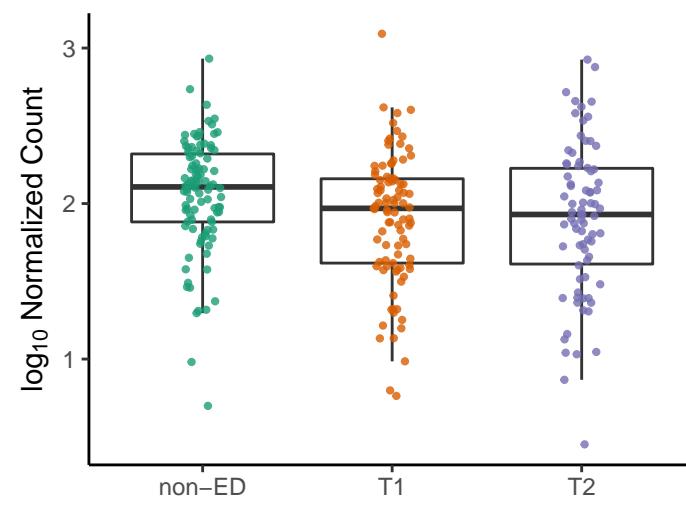
### *Ferrovibrio terrae*

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



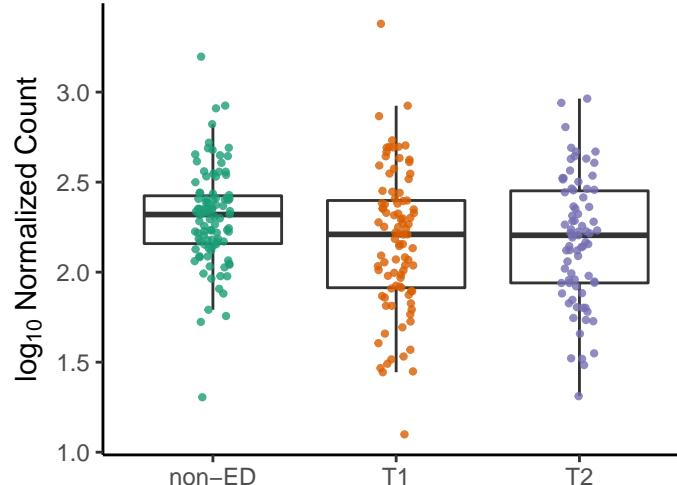
### *Sinorhizobium* sp. RAC02

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.96



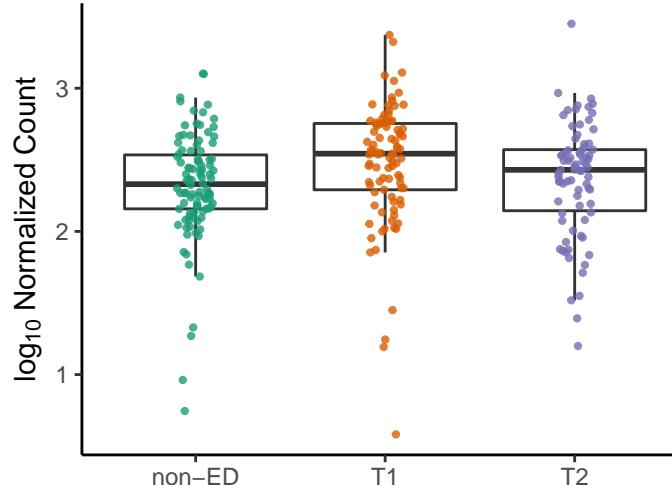
### *Comamonas testosteroni*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



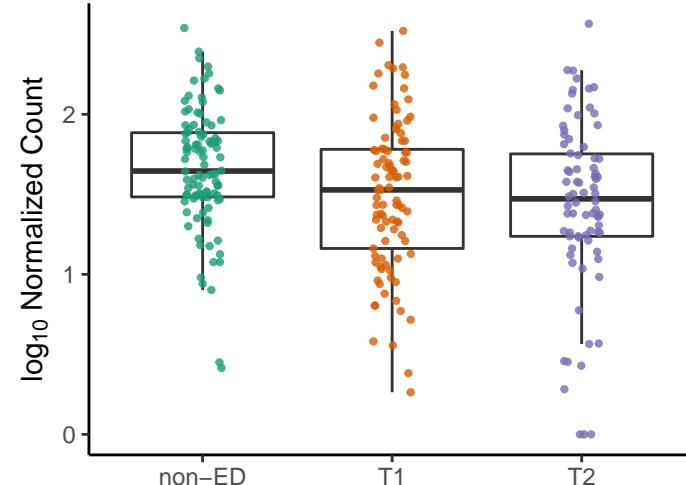
### *Mucinivorans hirudinis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.53  
 T1 vs. T2 adjusted p = 0.45



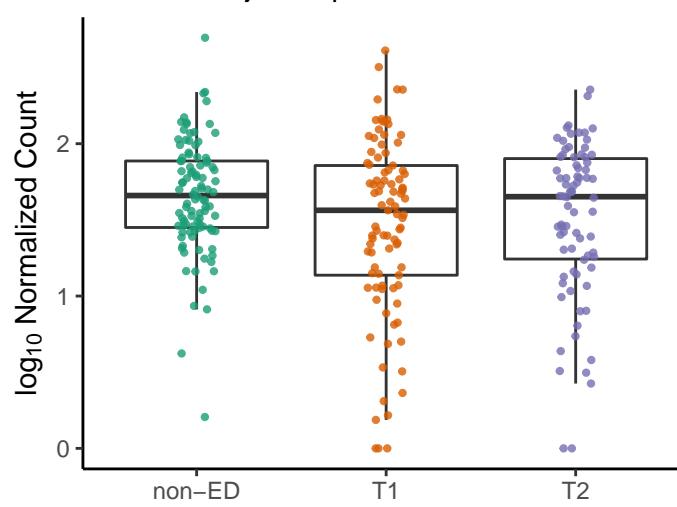
### *Plautia stali symbiont*

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



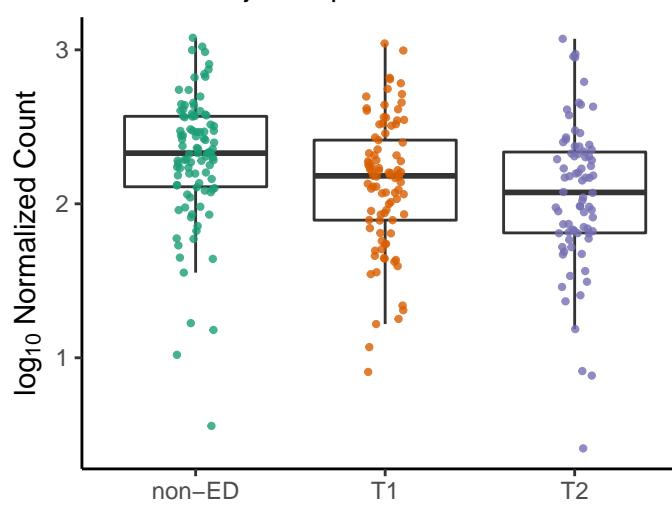
### Unclassified Acidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.82



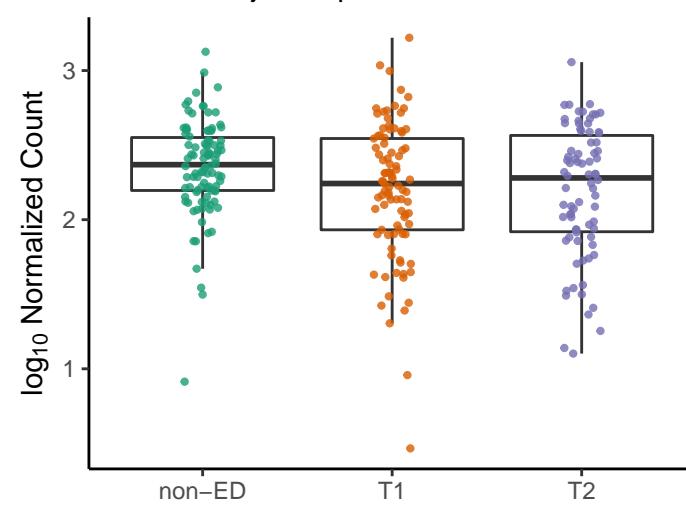
### *Clostridium cochlearium*

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



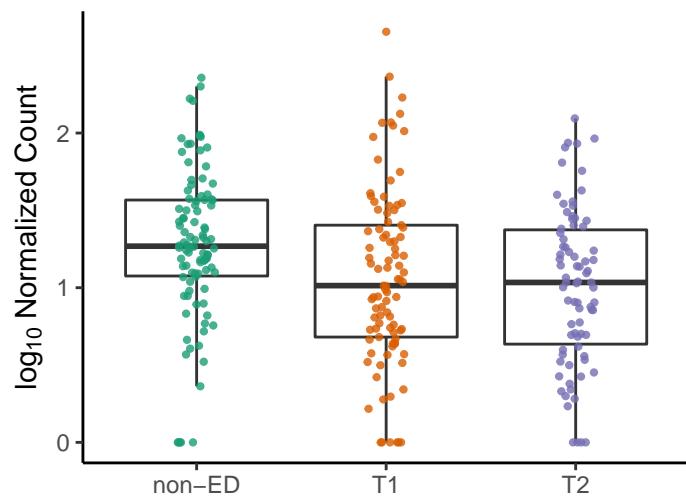
### *Opitutus terrae*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.86



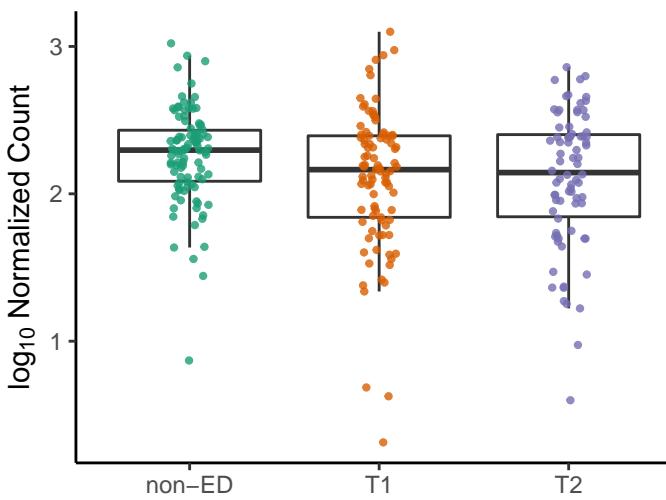
### *Pseudoalteromonas arctica*

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



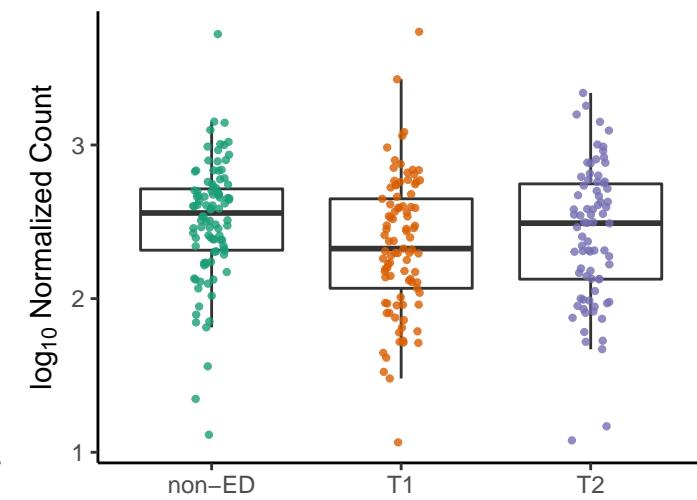
### *Corynebacterium vitaeruminis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.84



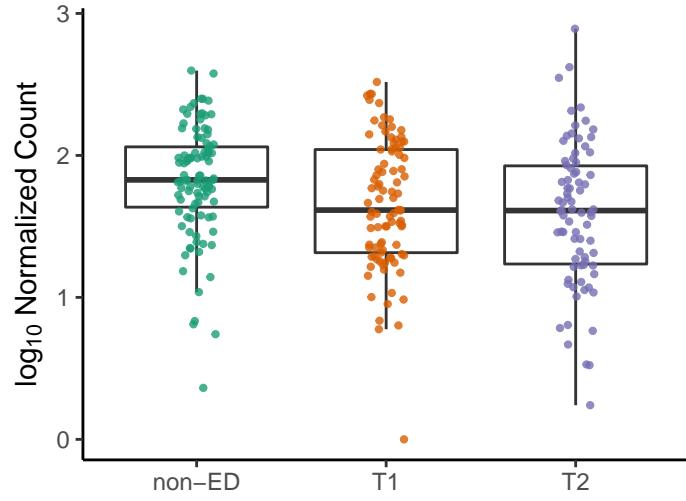
### Unclassified Actinoplanes Genus

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.66



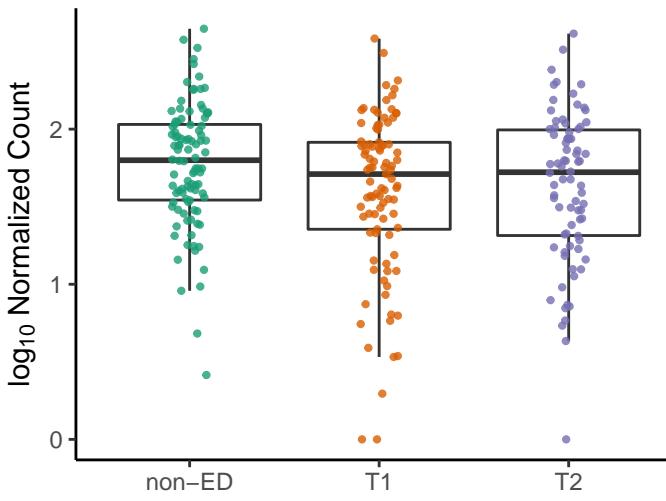
### *Arcobacter nitrofigilis*

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



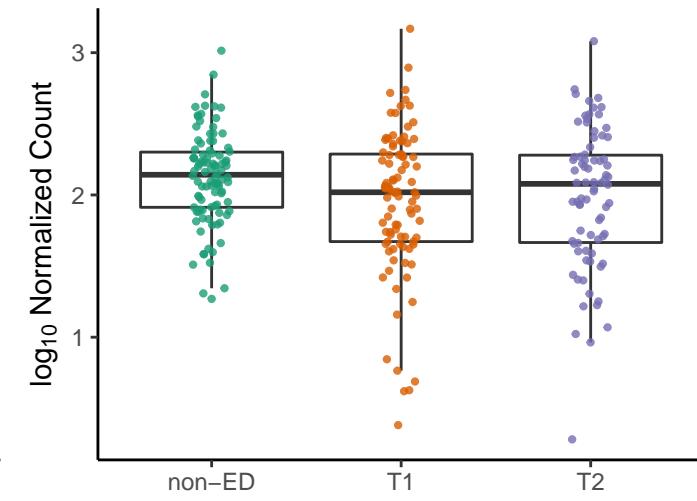
### *Microbacterium sp. ST-M6*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.76



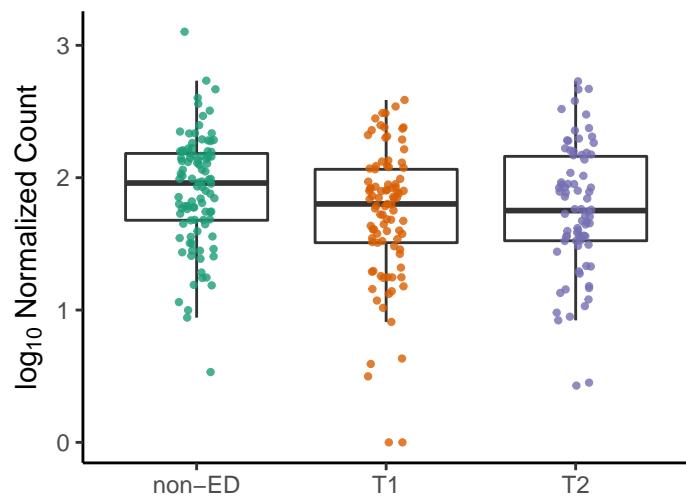
### *Pandoraea pnomenusa*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.75



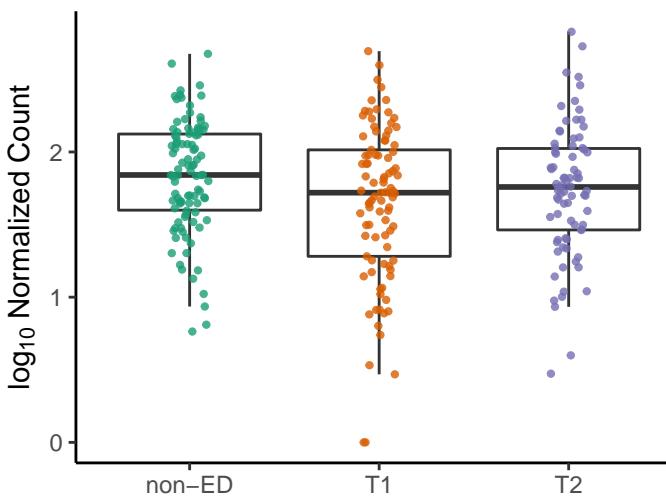
### *Sphingomonas sp. LK11*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.7



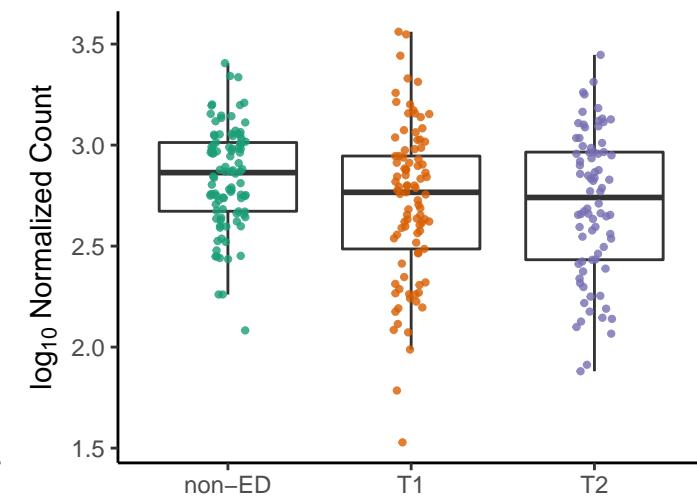
### *Spiribacter roseus*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.68



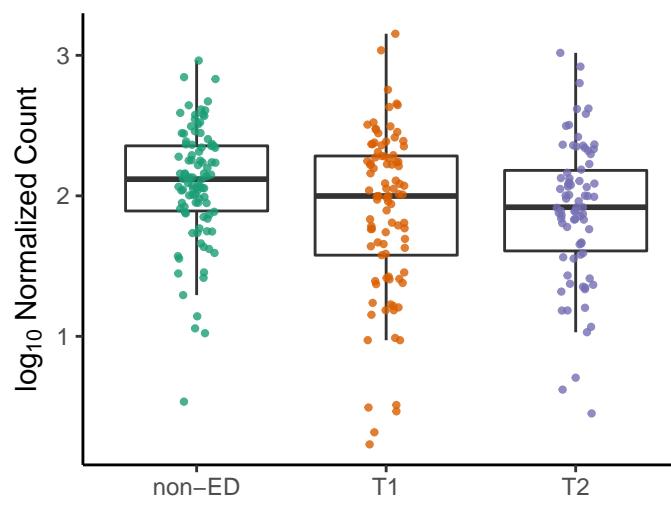
### *Stenotrophomonas maltophilia*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.93



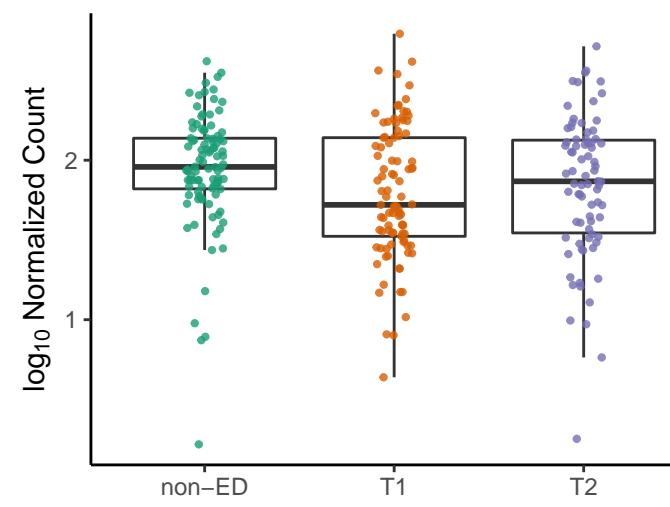
### *Actinosynnema pretiosum*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.89



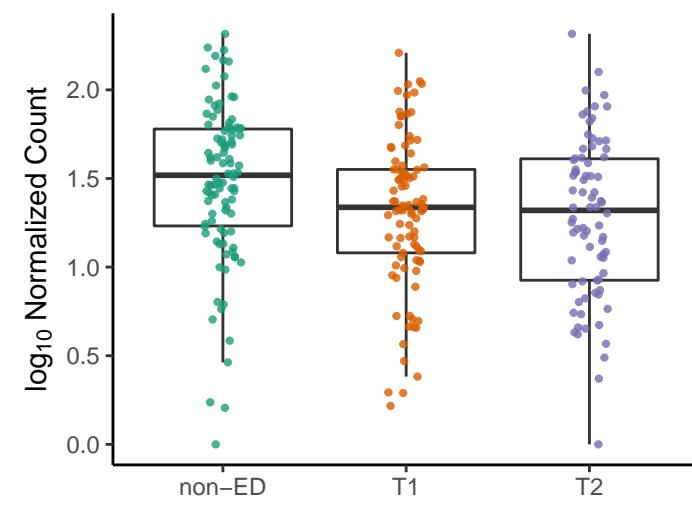
### *Arcobacter anaerophilus*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.89



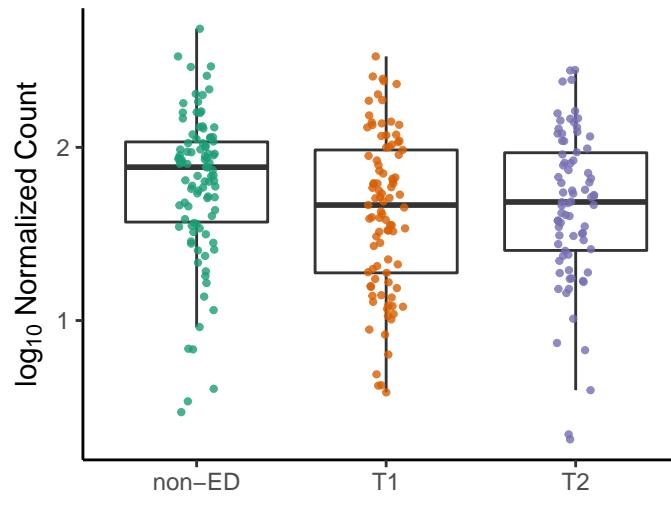
### *Candidatus Baumannia cicadellinicola*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.96



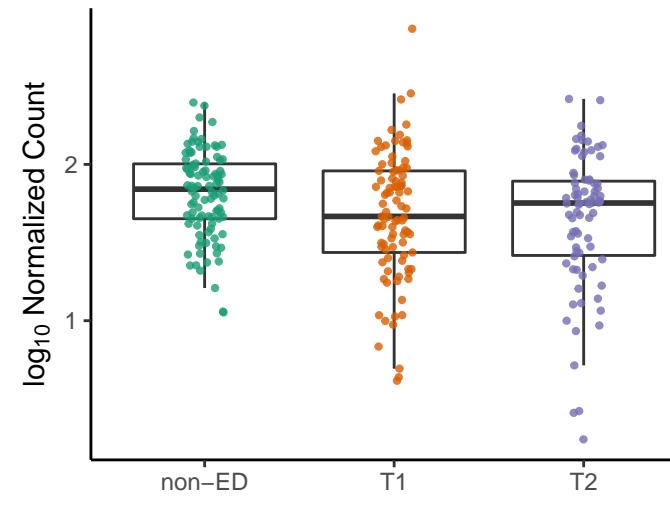
### *Coraliomargarita akajimensis*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.78



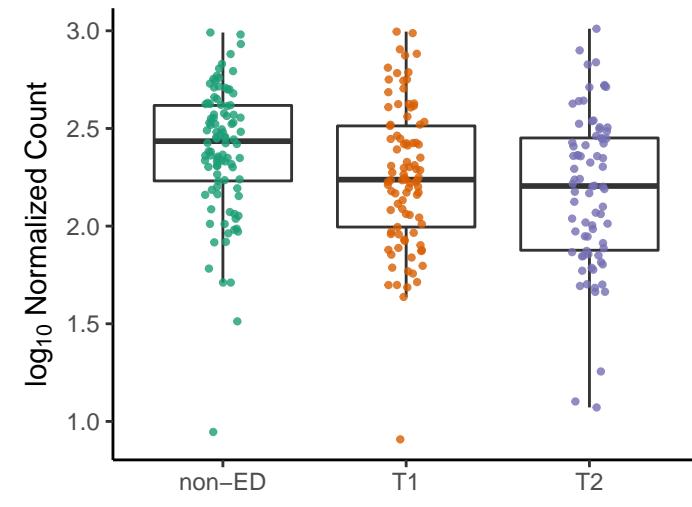
### *Exiguobacterium sp. N4-1P*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.95



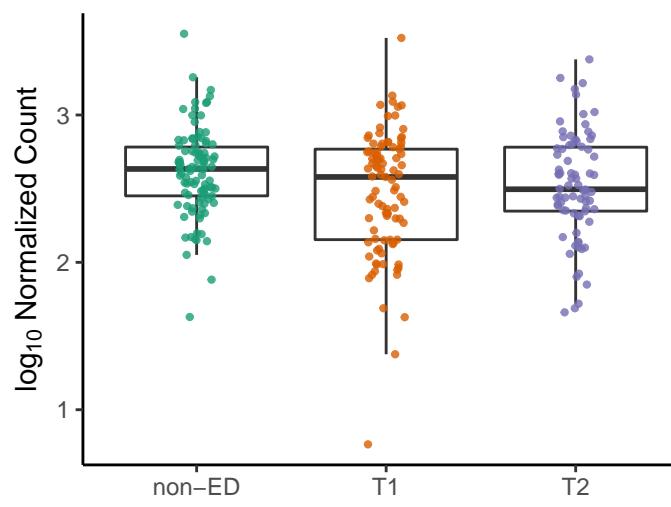
### *Hathewaya histolytica*

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



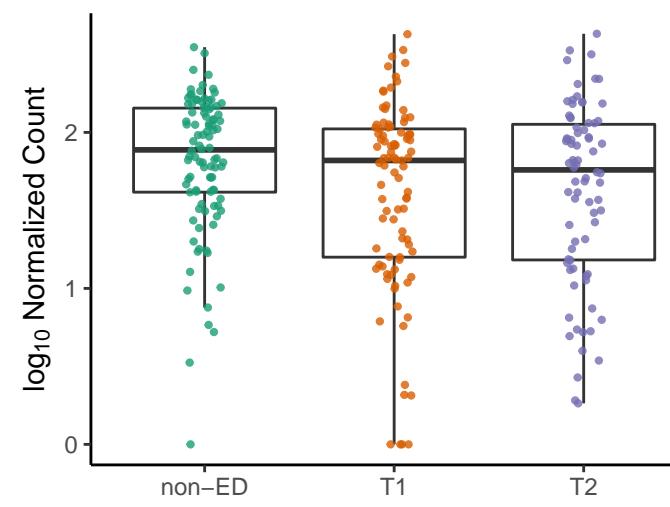
### *Nocardia brasiliensis*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.68



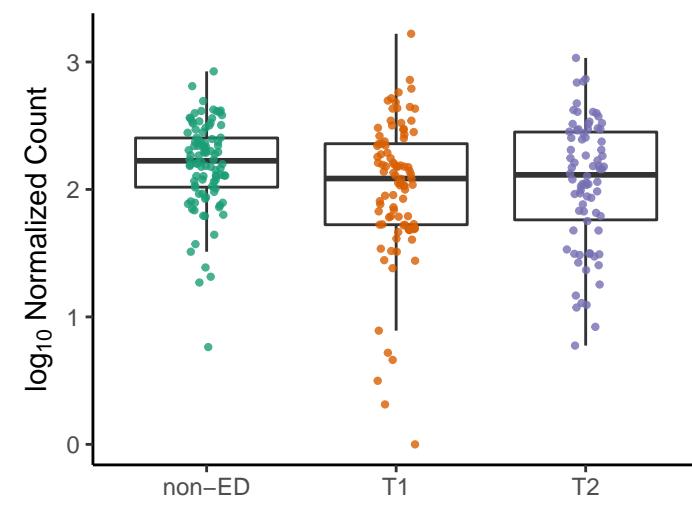
### *Novosphingobium aromaticivorans*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.86



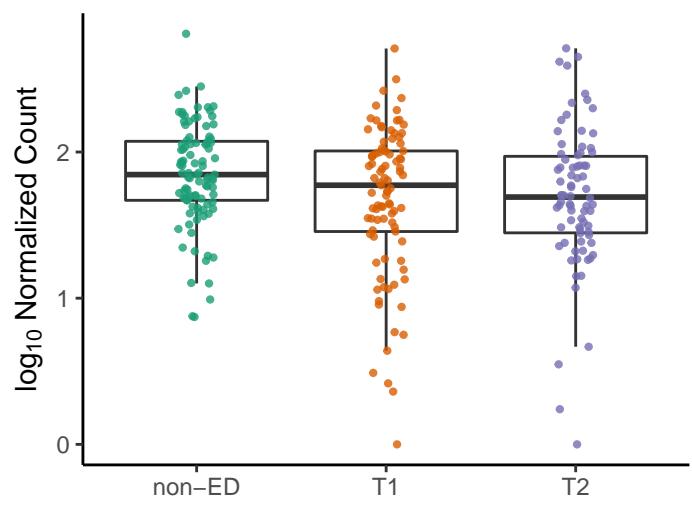
### *Paludisphaera borealis*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.74



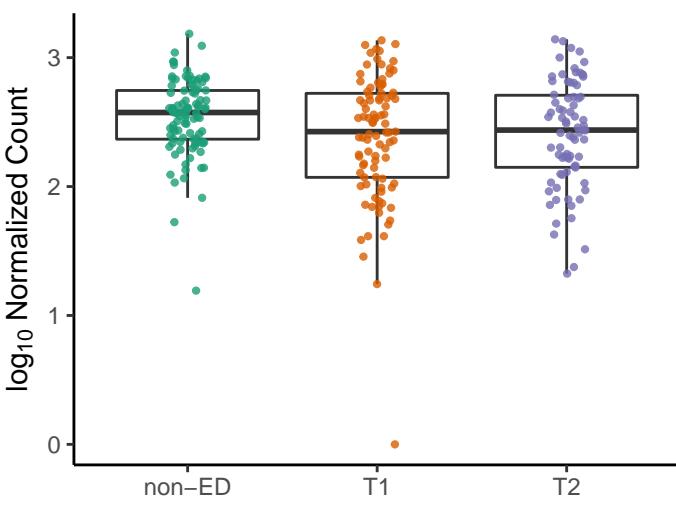
### Unclassified Ochrobactrum Genus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.93



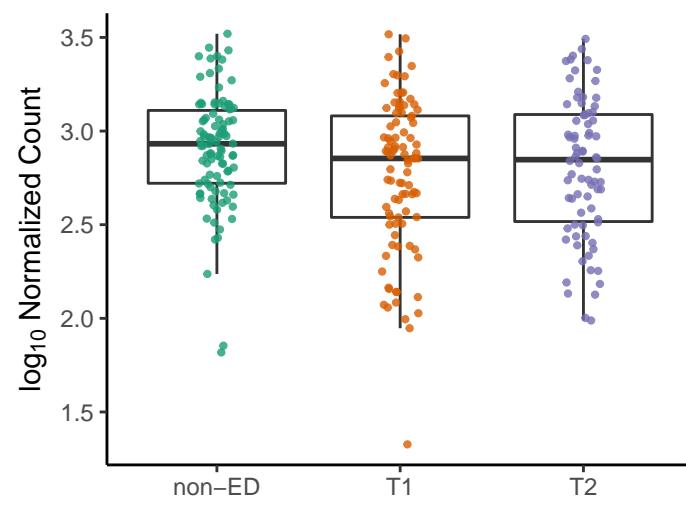
### Unclassified Sphingomonadales Order

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.79



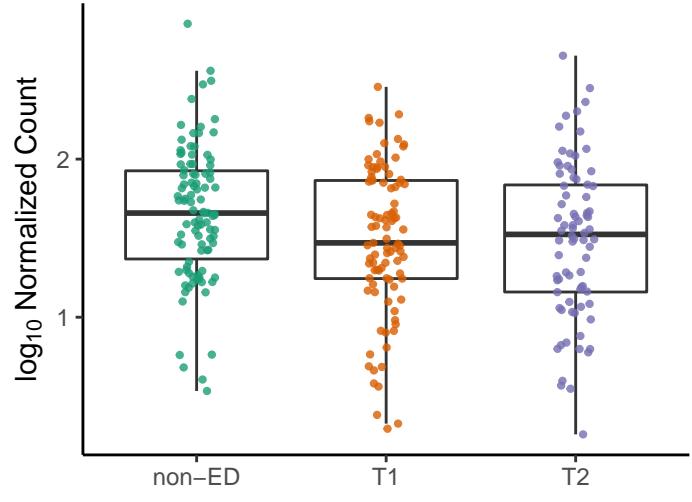
### Unclassified Stenotrophomonas Genus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.7



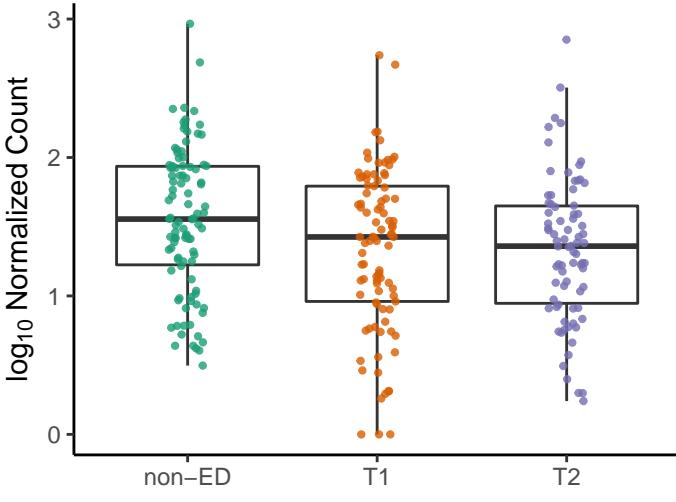
### Pseudomonas sp. Leaf58

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.82



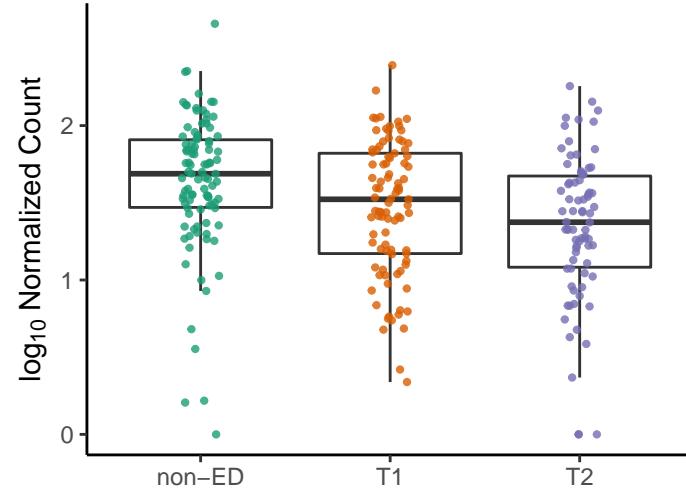
### Pseudomonas poae

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.98



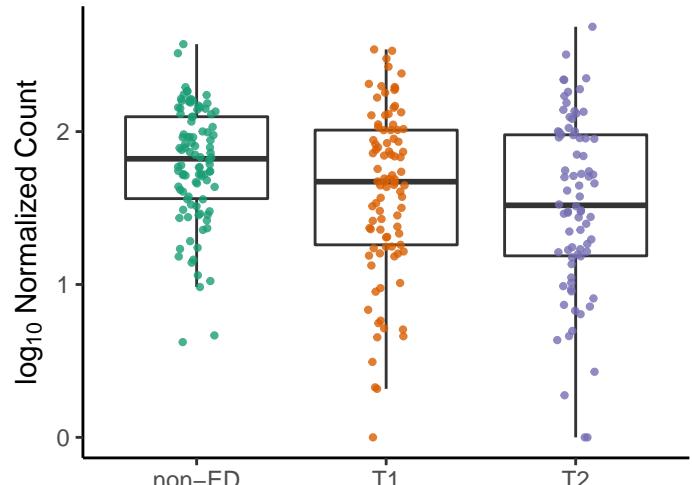
### Arcobacter skirrowii

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



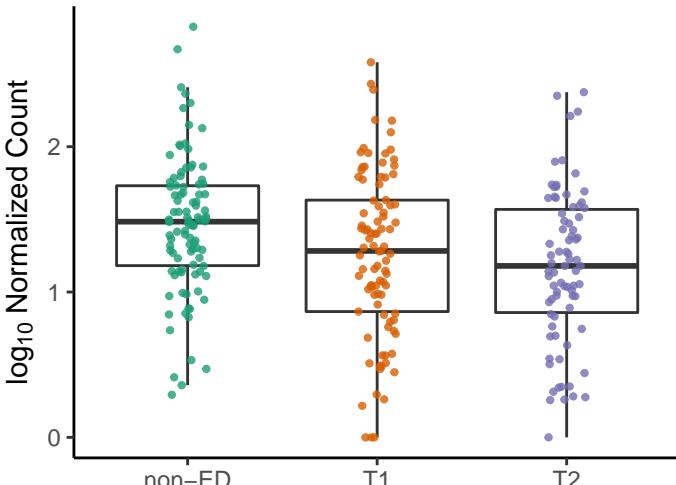
### Sphingobium cloacae

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



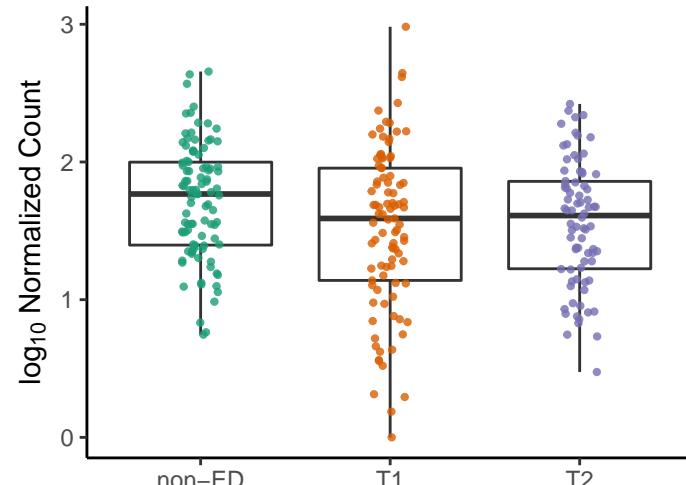
### TM7 phylum sp. oral taxon 957

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



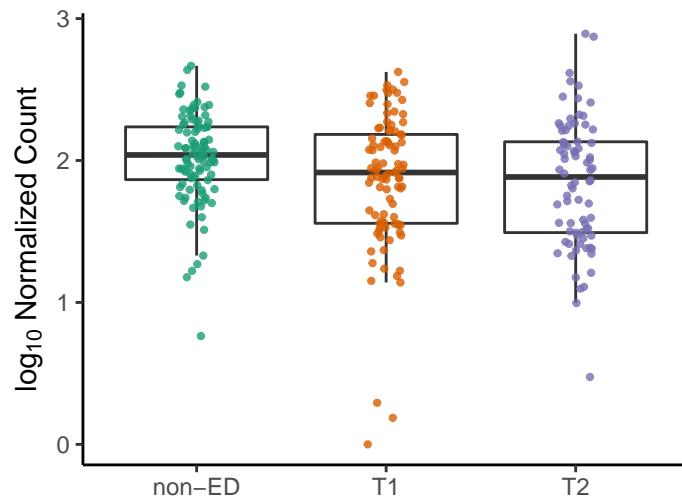
### Mycobacter hiberniae

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.81



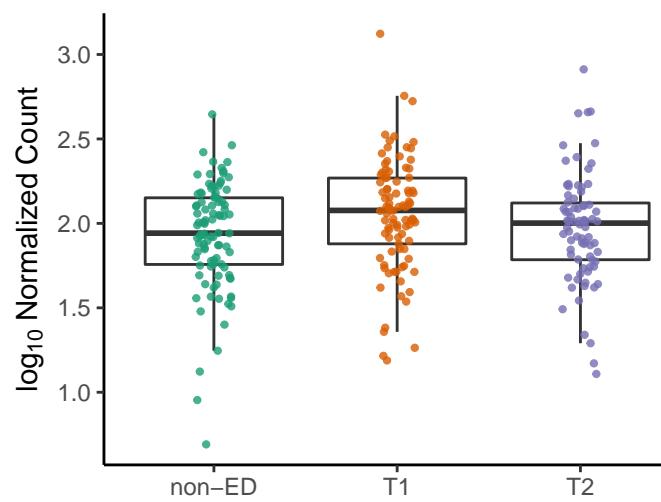
### *Sphingomonas* sp. IC081

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.97



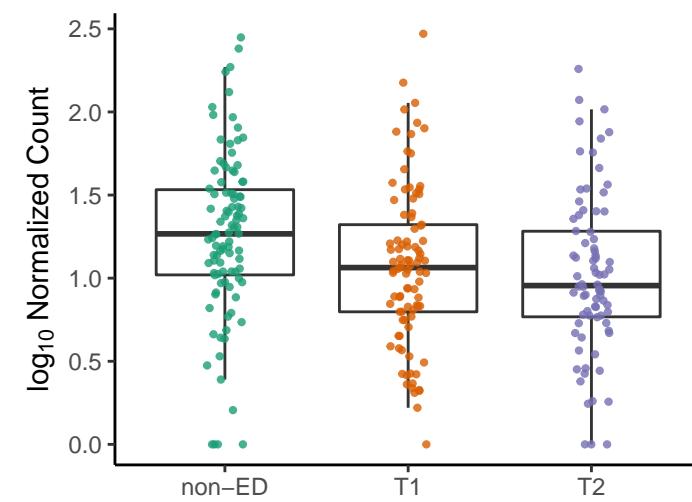
### *Niabella* soli

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.48  
 T1 vs. T2 adjusted p = 0.6



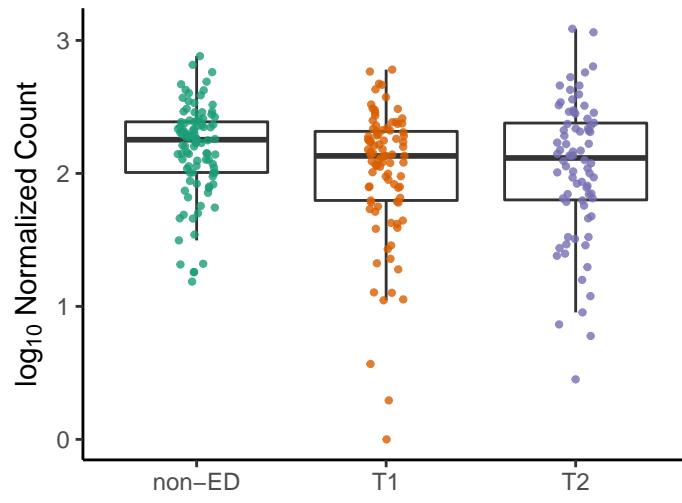
### *Acinetobacter* sp. 185

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



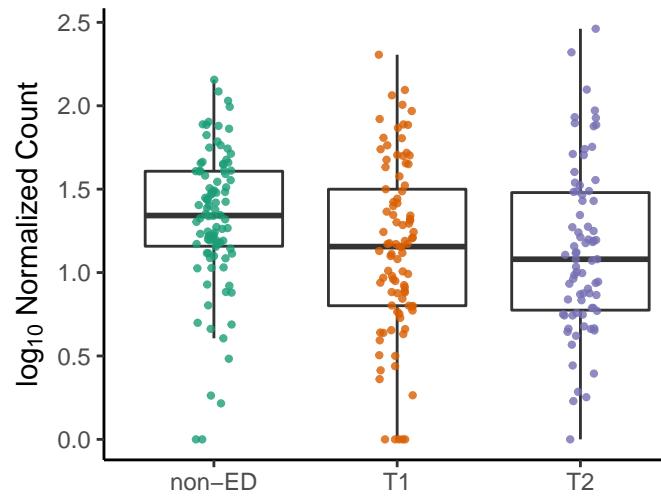
### *Blastochloris* tepida

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.8



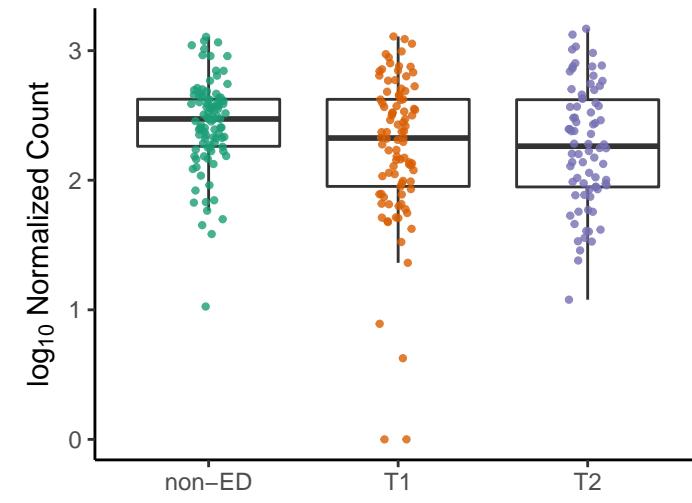
### *Borrelia* turcica

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



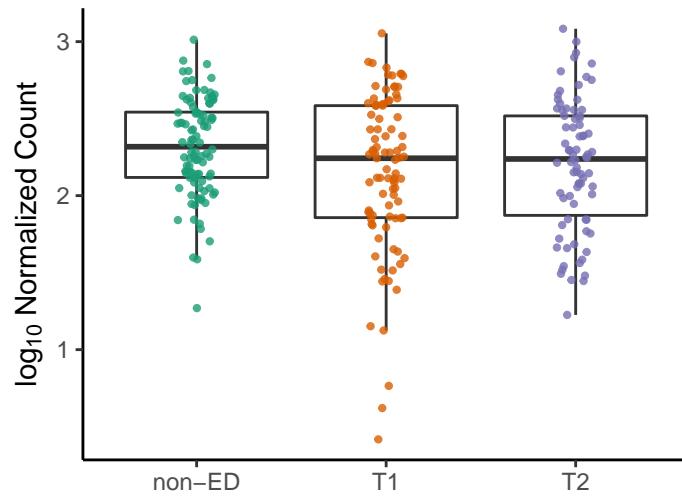
### *Candidatus Promineofilum breve*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.78



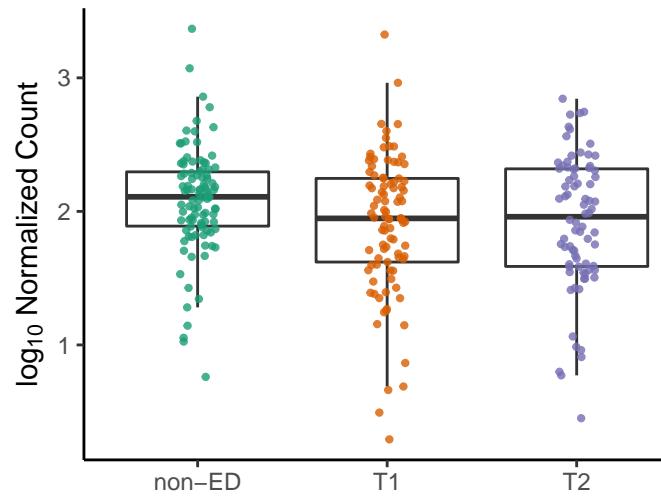
### *Rhodospirillum* centenum

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.67



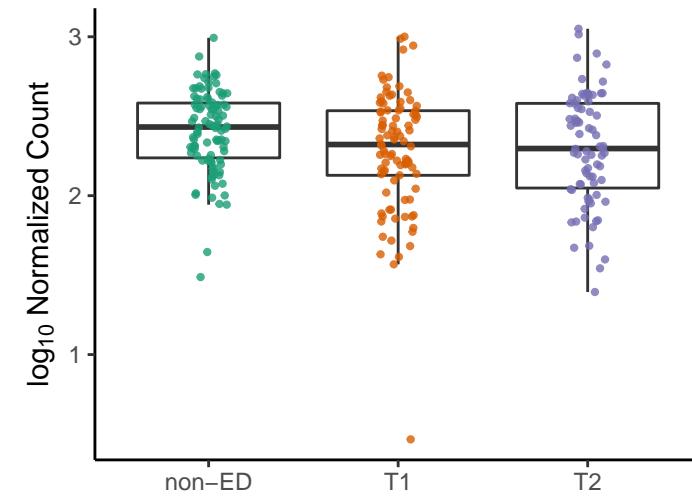
### *Streptomyces* collinus

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.81



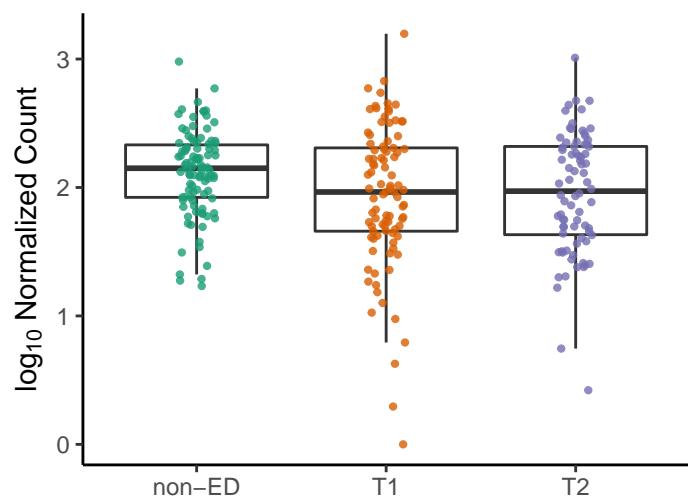
### Unclassified *Paraburkholderia* Genus

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.8



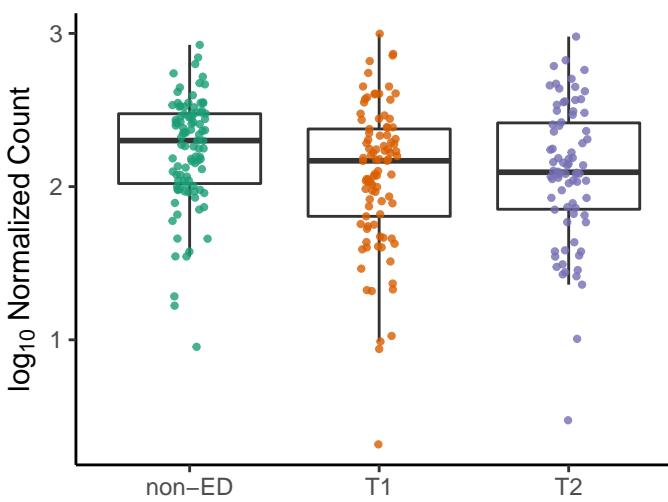
### endosymbiont of unidentified scaly snail

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.77



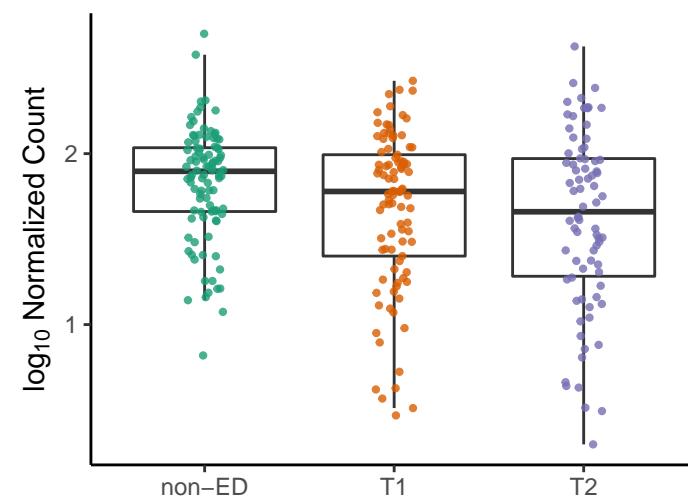
### *Massilia* sp. NR 4–1

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.79



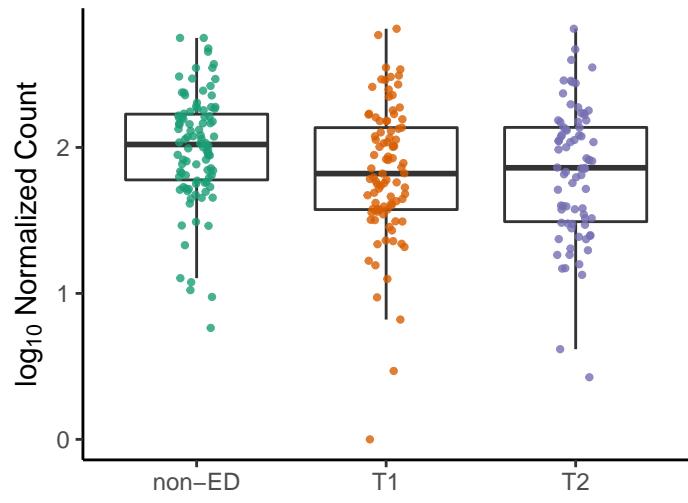
### *Bradyrhizobium paxllaeri*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.84



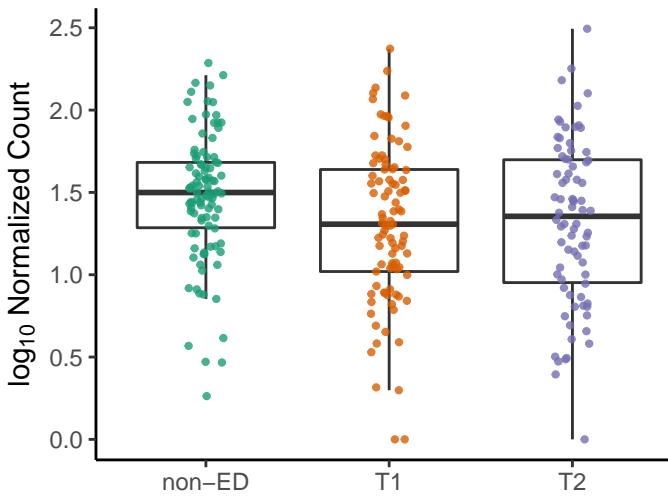
### *Lysobacter gummosus*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.84



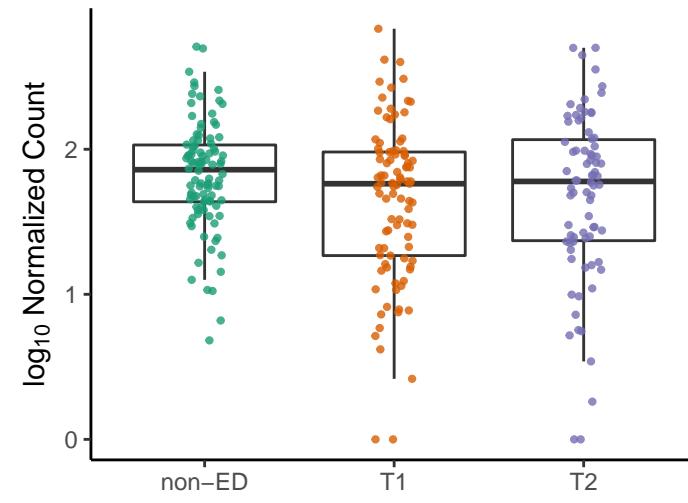
### *Dokdonia* sp. Dokd-P16

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.95



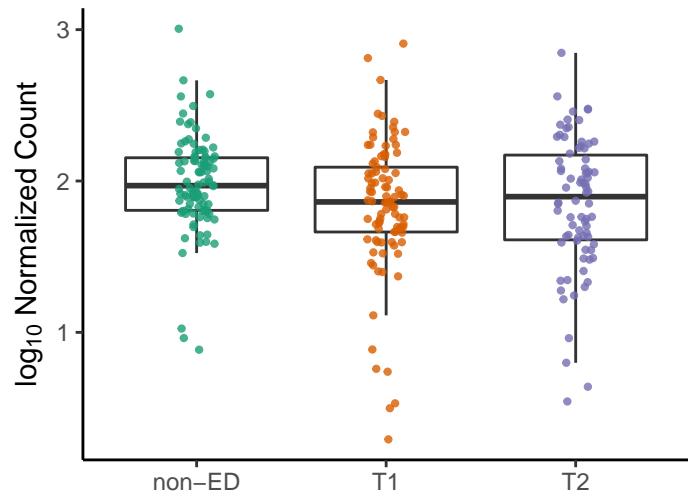
### *Microbacterium* sp. TPU 3598

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.73



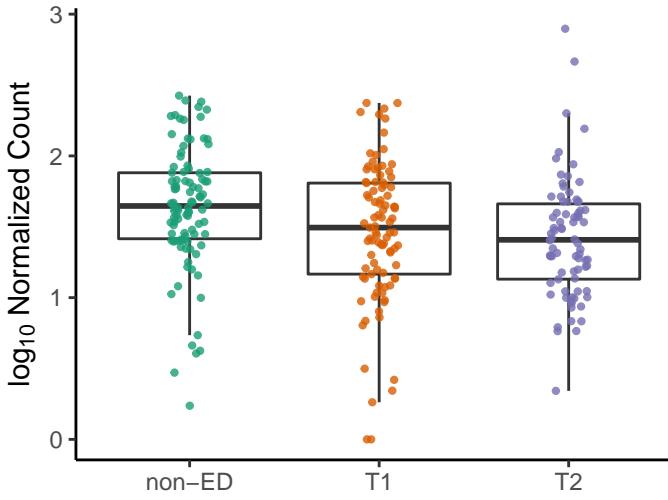
### *Stappia* sp. ES.058

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.82



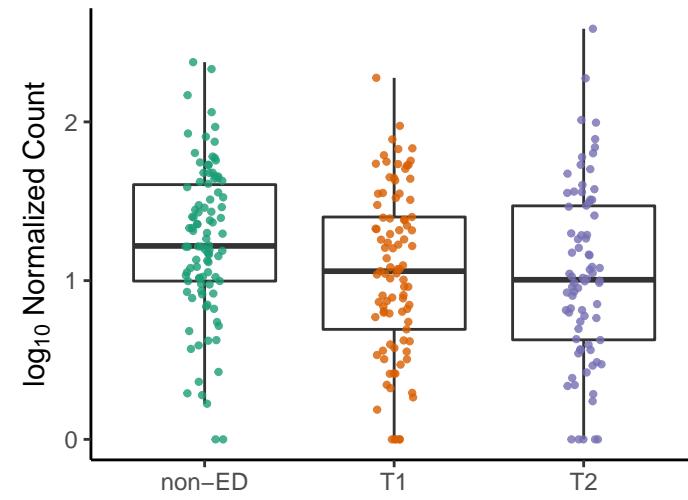
### *Staphylococcus piscifermentans*

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



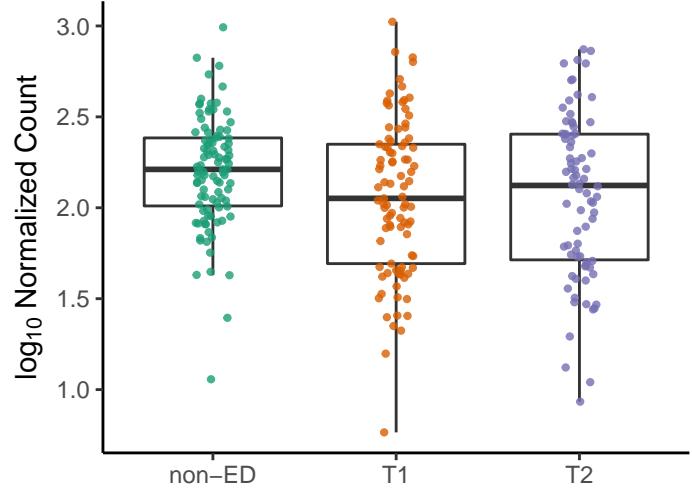
### *Hydrogenobaculum* sp. Y04AAS1

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.86



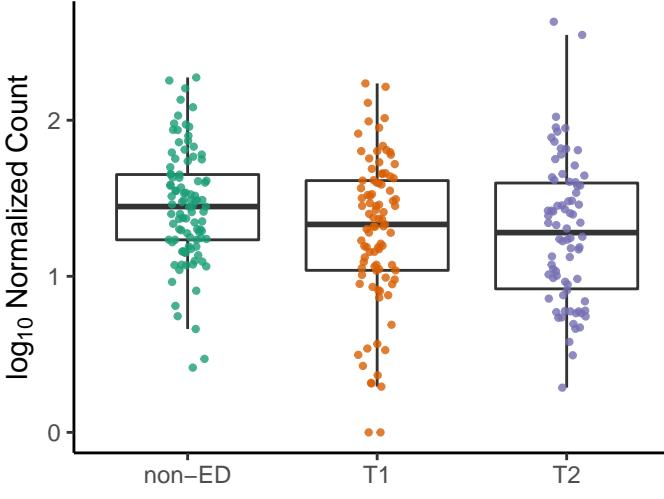
### *Acidihalobacter prosperus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.78



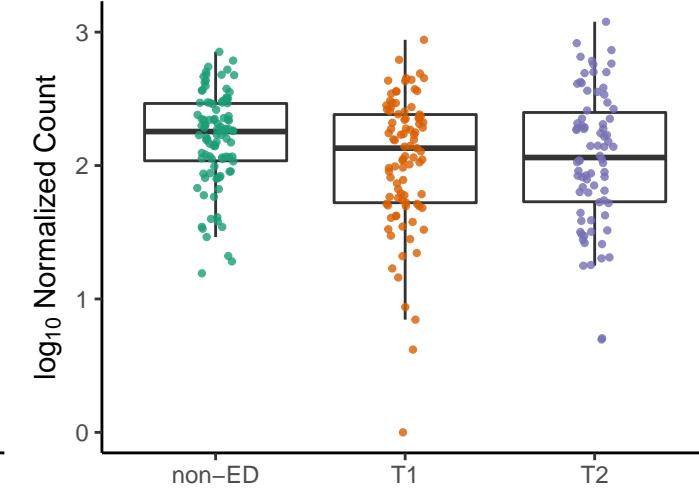
### *Aurantimicrobium sp. MWH-Mo1*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 1



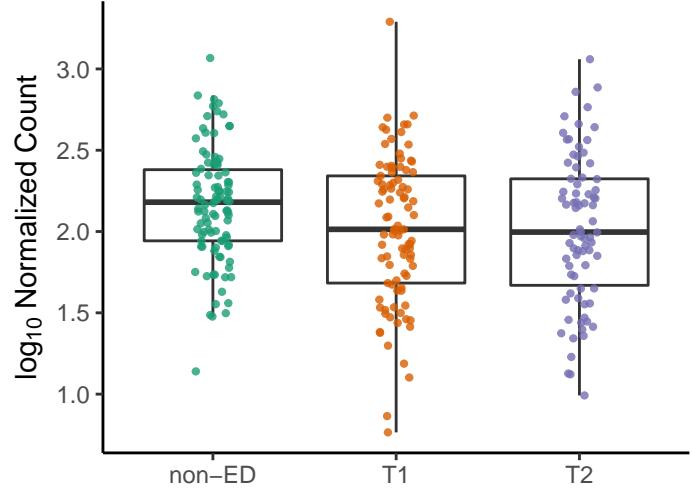
### *Methylobacterium nodulans*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.77



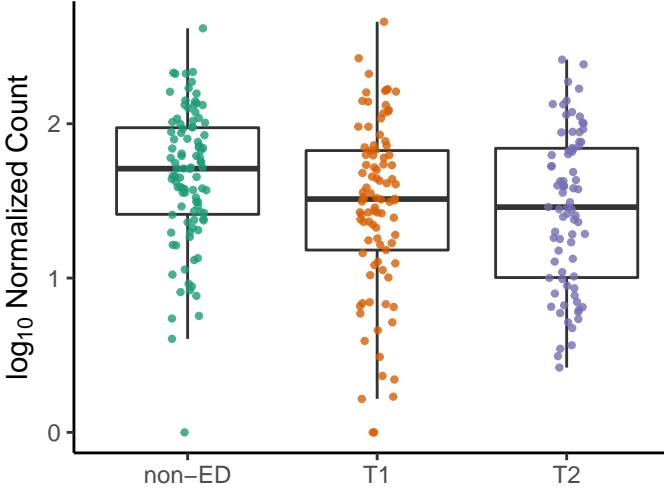
### *Streptomyces scabiei*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.83



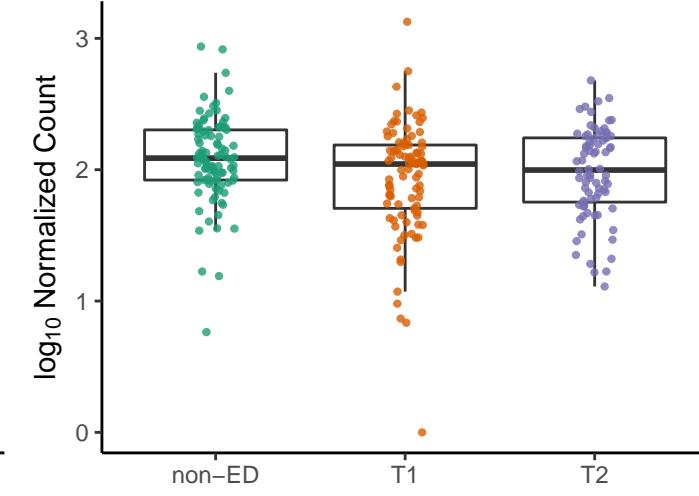
### *Gordonia sp. HY186*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.97



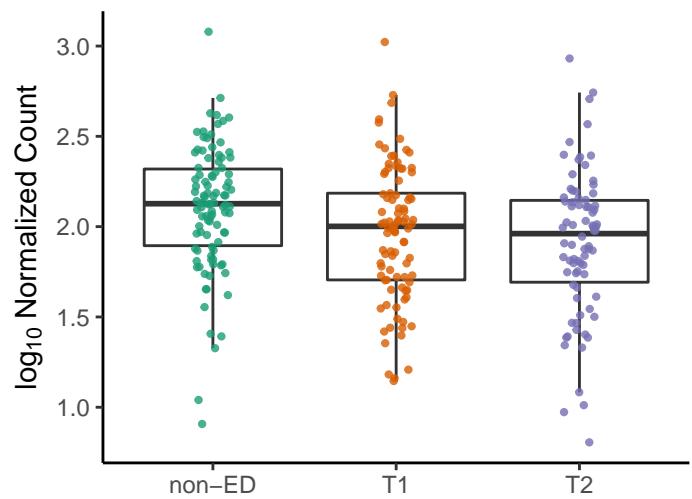
### *Pseudomonas parafulva*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.7



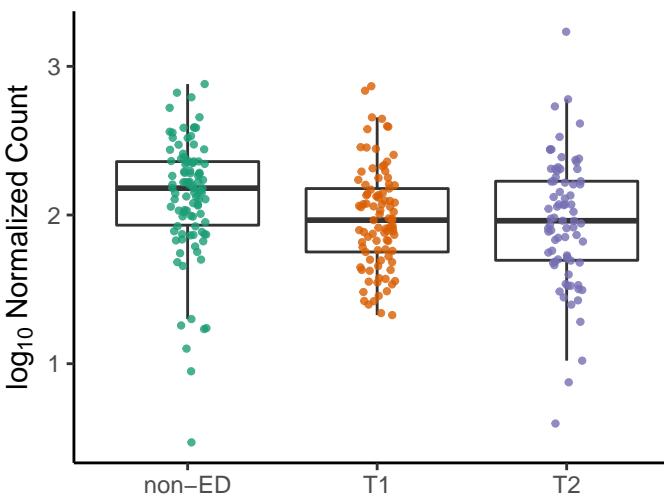
### Unclassified Calothrix Genus

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



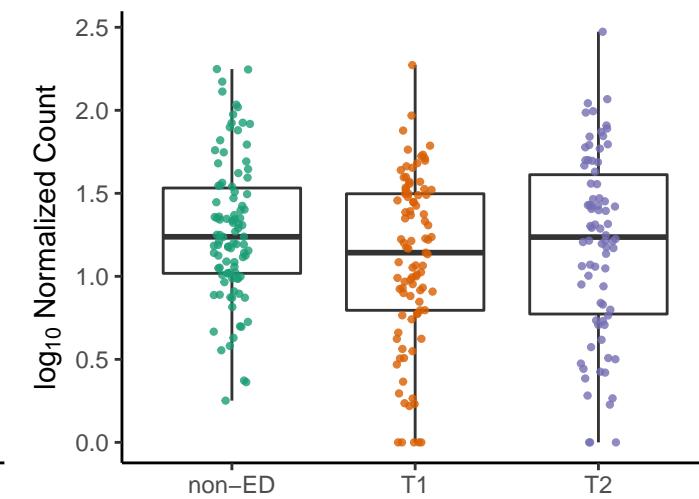
### Unclassified Francisella Genus

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.91

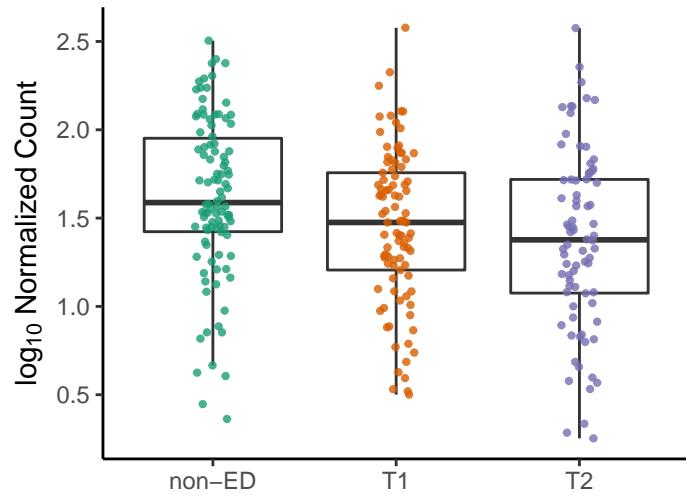


### *Agrobacterium sp. MA01*

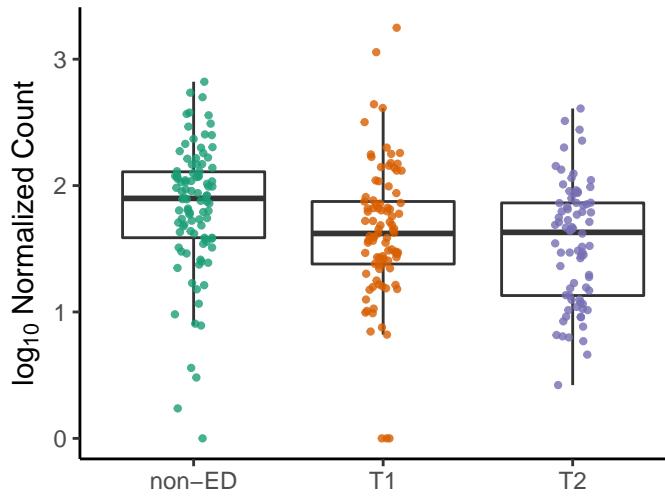
non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.36  
 T1 vs. T2 adjusted p = 0.51



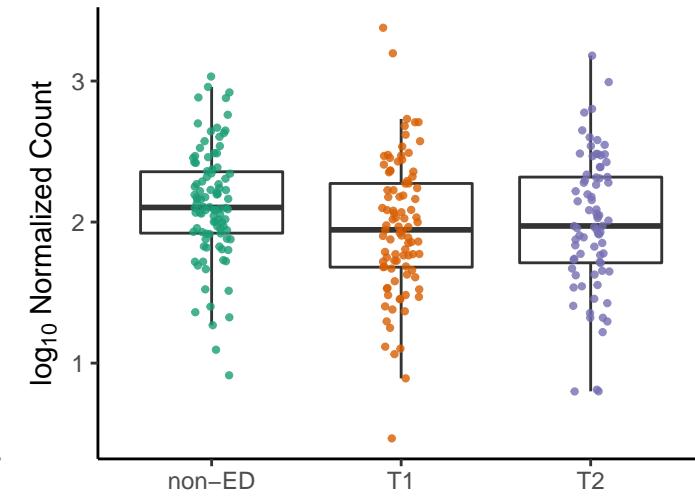
*Mycoplasma anserisalpingitidis*  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0097  
T1 vs. T2 adjusted p = 0.79



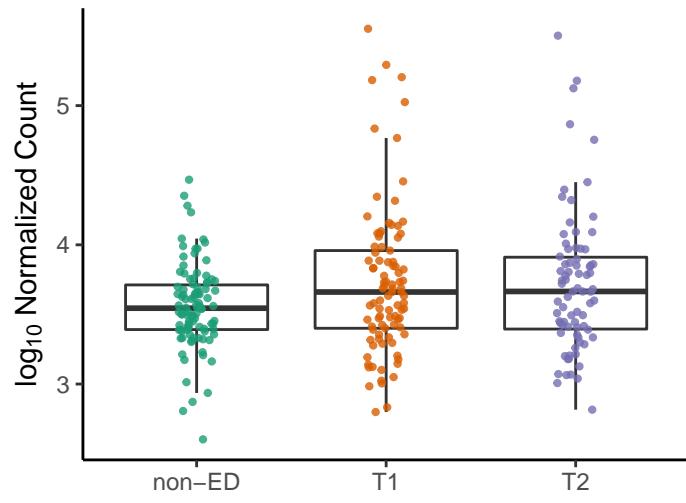
*Lutibacter profundi*  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.7



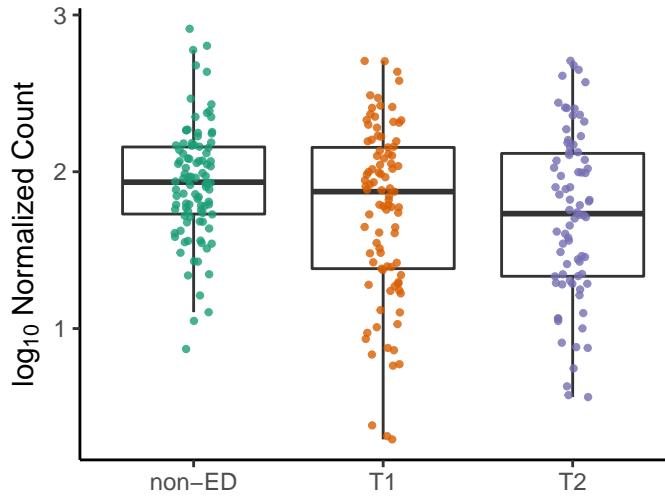
*Ottowia* sp. oral taxon 894  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.68



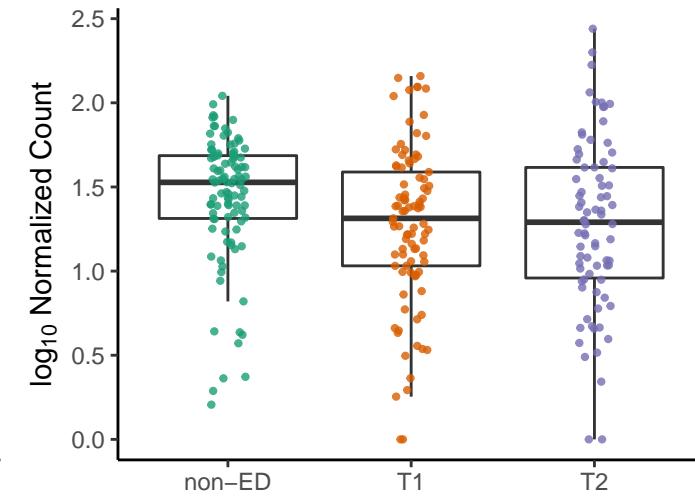
Unclassified Eubacterium Genus  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.89



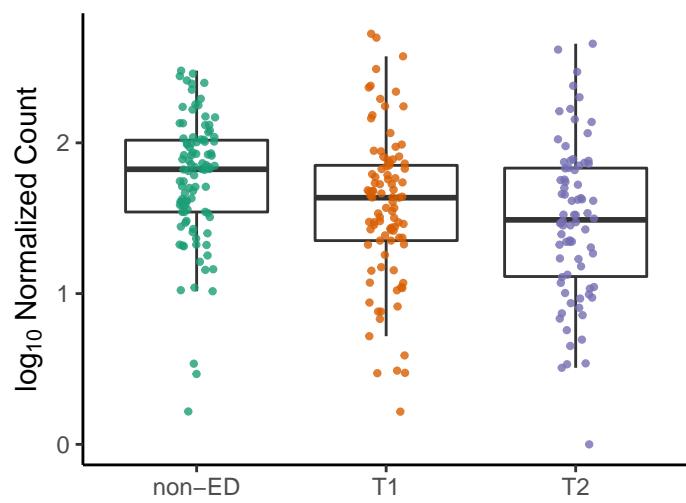
Unclassified Brachybacterium Genus  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.98



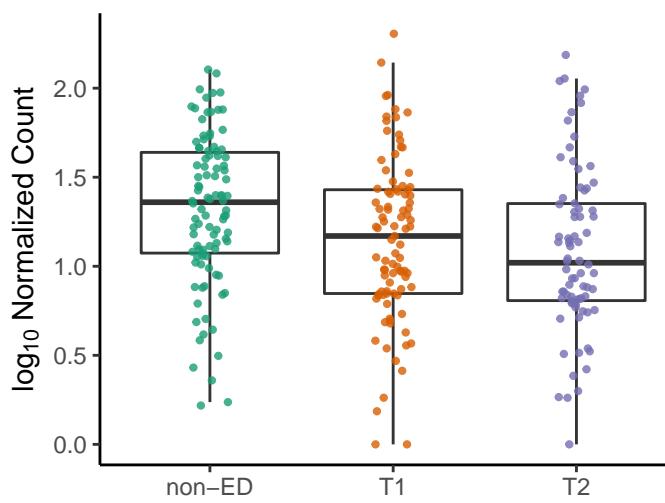
*Campylobacter armoricus*  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.89



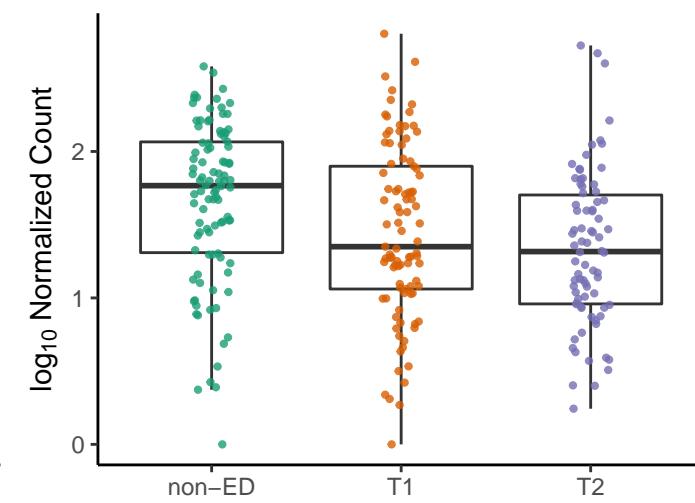
*Algibacter* sp. L3A6  
non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.0045  
T1 vs. T2 adjusted p = 0.69



*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



*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

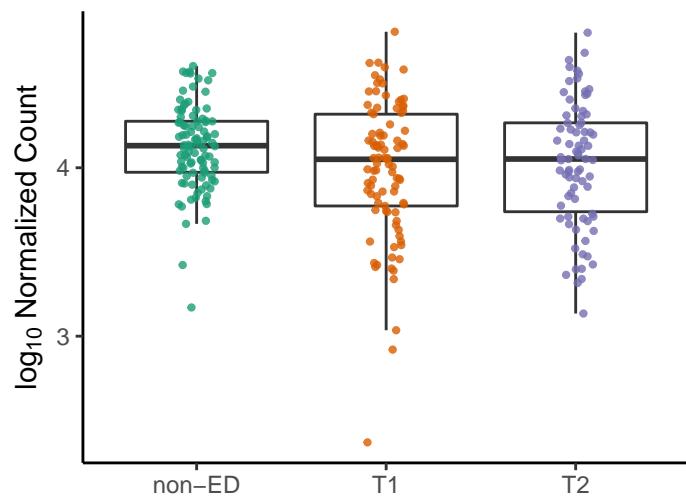


### Unclassified Actinobacteria Class

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.1

T1 vs. T2 adjusted p = 0.72

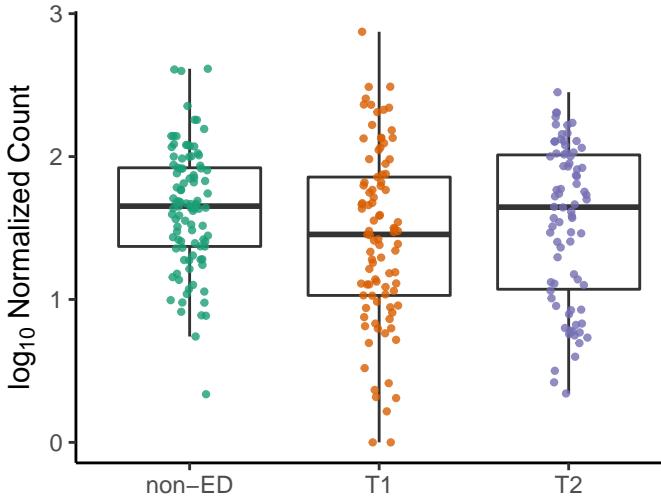


### Salinarchaeum sp. Harcht-Bsk1

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.28

T1 vs. T2 adjusted p = 0.54

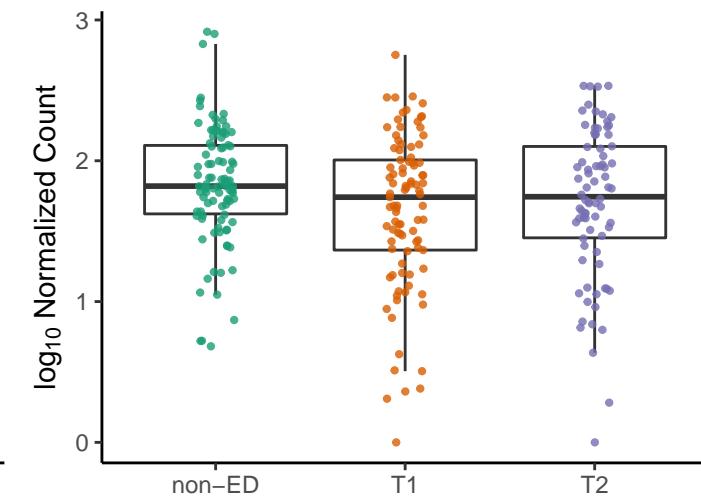


### Xanthomonas vesicatoria

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.17

T1 vs. T2 adjusted p = 0.7

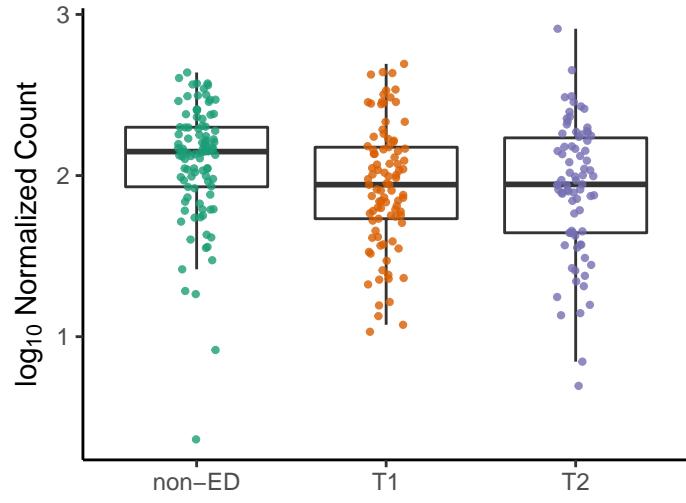


### Paraliobacillus sp. X-1125

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.031

T1 vs. T2 adjusted p = 0.87

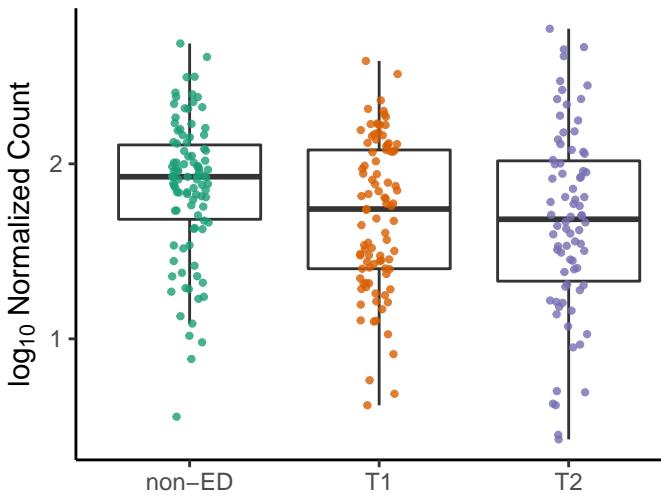


### Roseovarius sp. THAF9

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.039

T1 vs. T2 adjusted p = 0.96

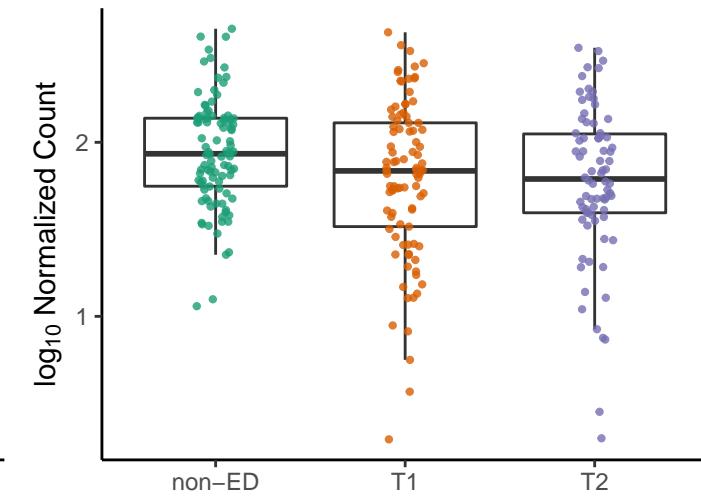


### Sinimarinibacterium sp. NLF-5-8

non-ED vs. T1 adjusted p = 0.038

non-ED vs. T2 adjusted p = 0.028

T1 vs. T2 adjusted p = 0.94

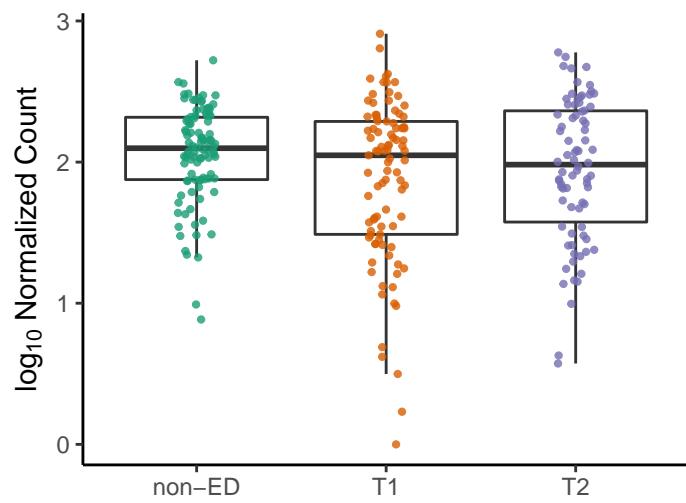


### Sinomonas atrocyanea

non-ED vs. T1 adjusted p = 0.039

non-ED vs. T2 adjusted p = 0.17

T1 vs. T2 adjusted p = 0.68

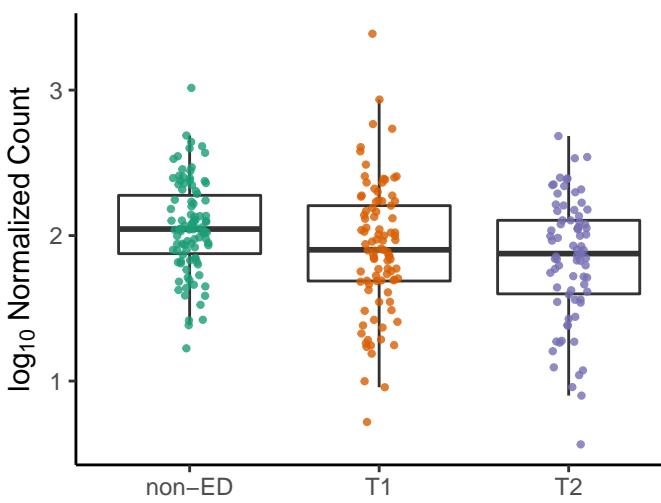


### Enterobacter sp. E76

non-ED vs. T1 adjusted p = 0.039

non-ED vs. T2 adjusted p = 0.0033

T1 vs. T2 adjusted p = 0.75

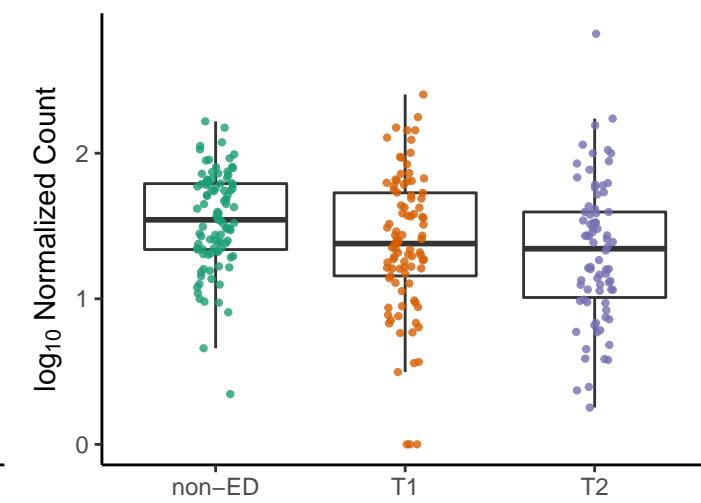


### Moraxella catarrhalis

non-ED vs. T1 adjusted p = 0.039

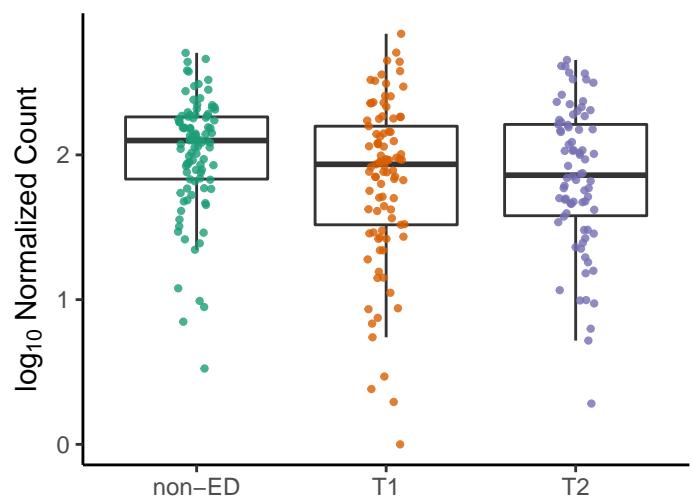
non-ED vs. T2 adjusted p = 0.0082

T1 vs. T2 adjusted p = 0.78



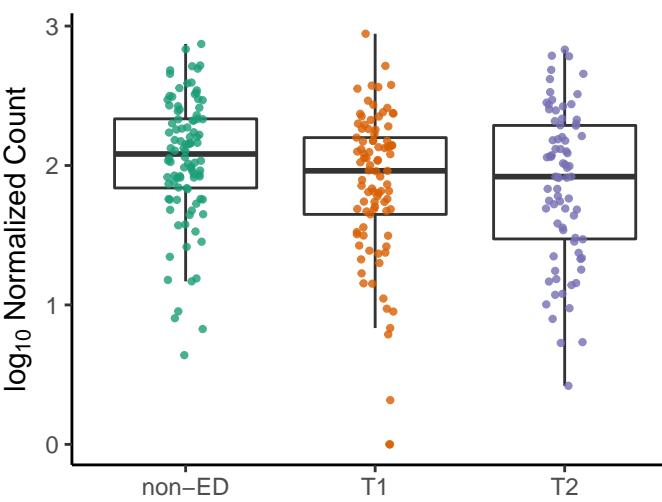
### Unclassified Magnetospirillum Genus

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.76



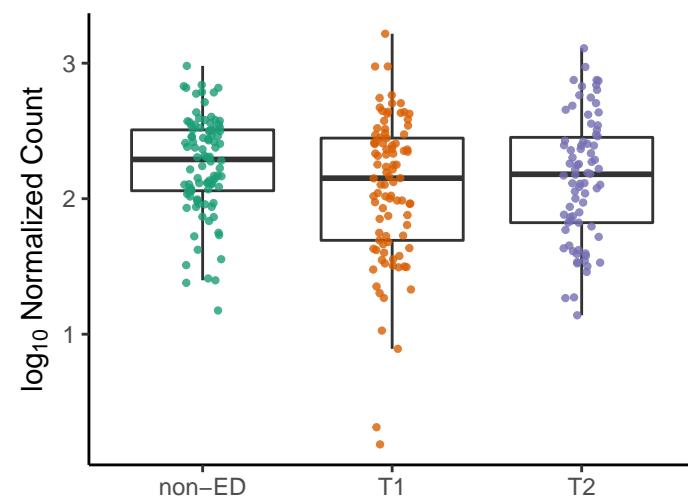
### Isoptericola variabilis

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.79



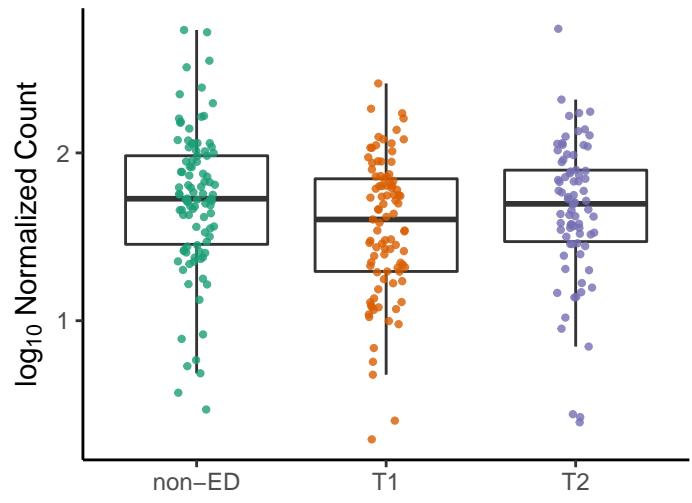
### Thermomonospora curvata

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.61



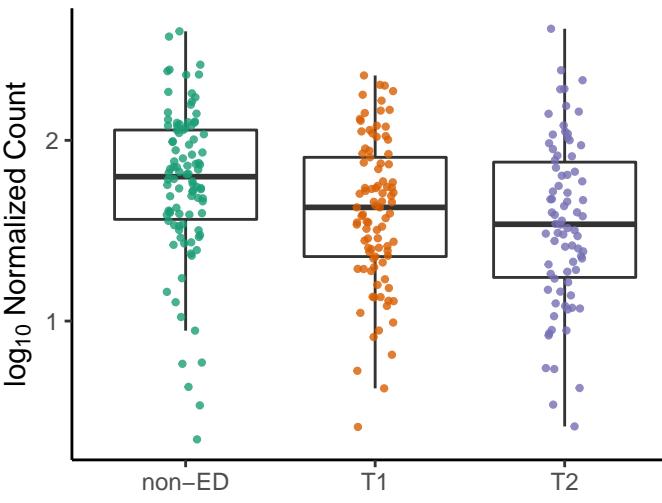
### Marinomonas mediterranea

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.44  
T1 vs. T2 adjusted p = 0.63



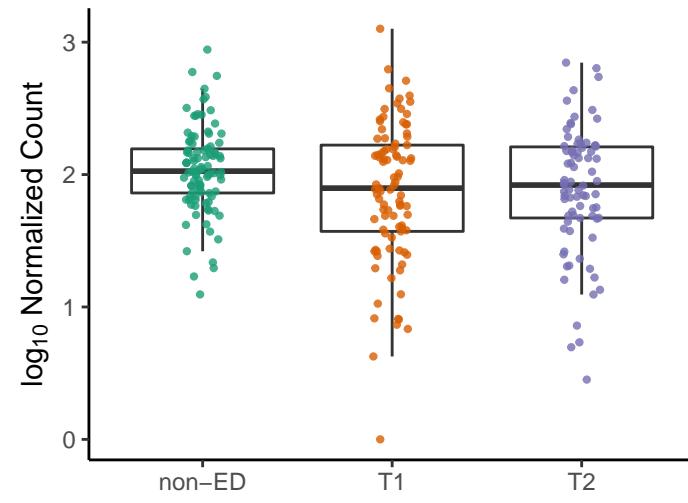
### Unclassified Yersiniaceae Family

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



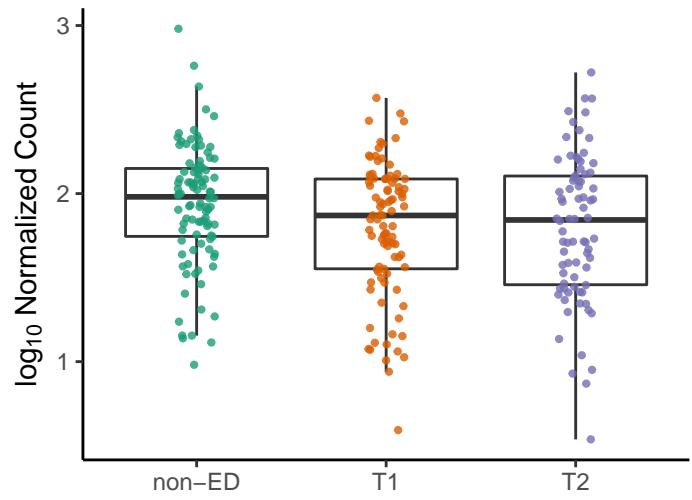
### Salinisphaera sp. LB1

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.76



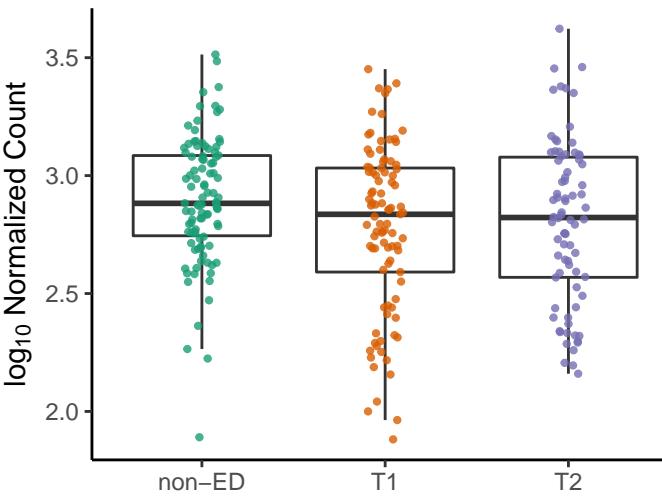
### Pseudomonas fulva

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.84



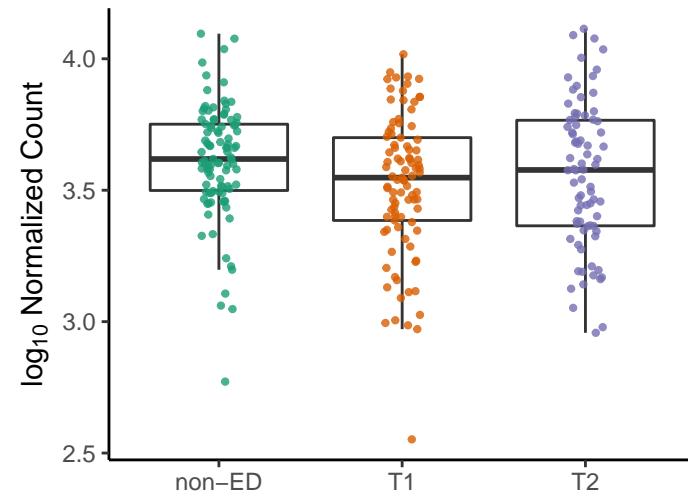
### Unclassified Rhizobiaceae Family

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.77



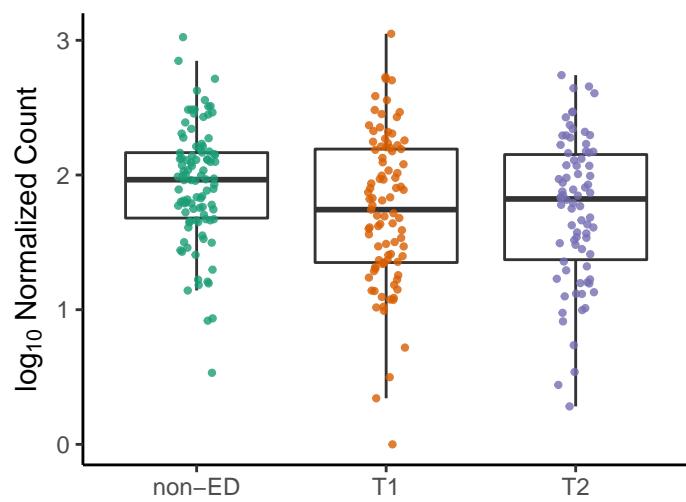
### Unclassified Paenibacillus Genus

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.66



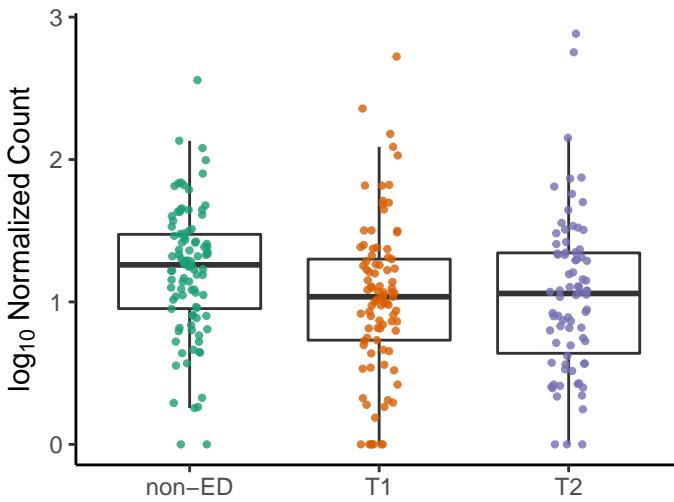
### Rhodobacter capsulatus

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.93



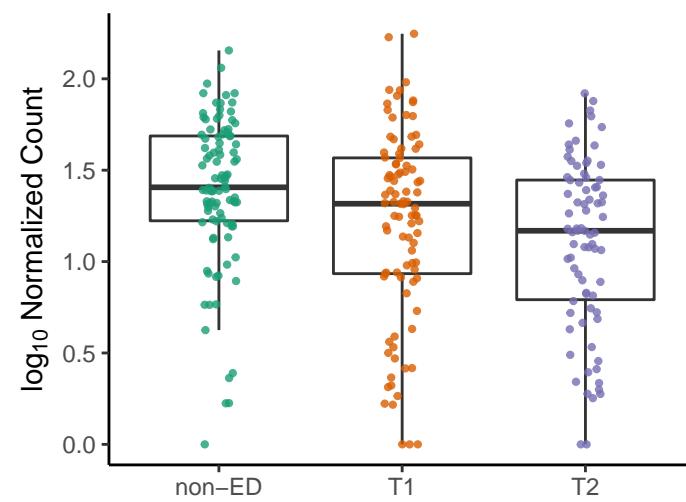
### Unclassified Epsilonproteobacteria Class

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.93



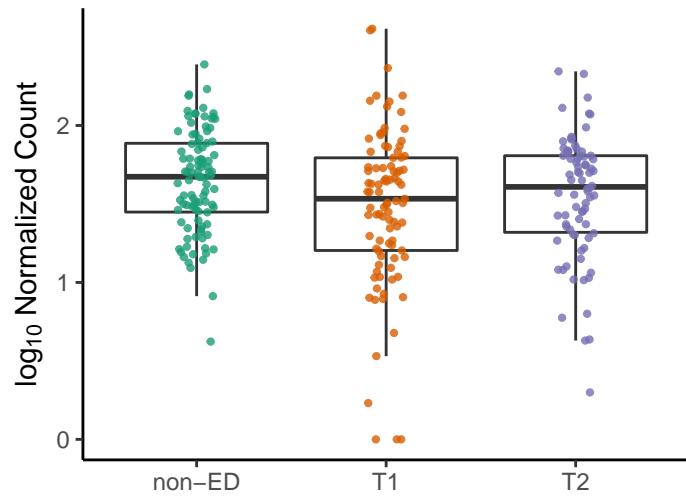
### Thermococcus sibiricus

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



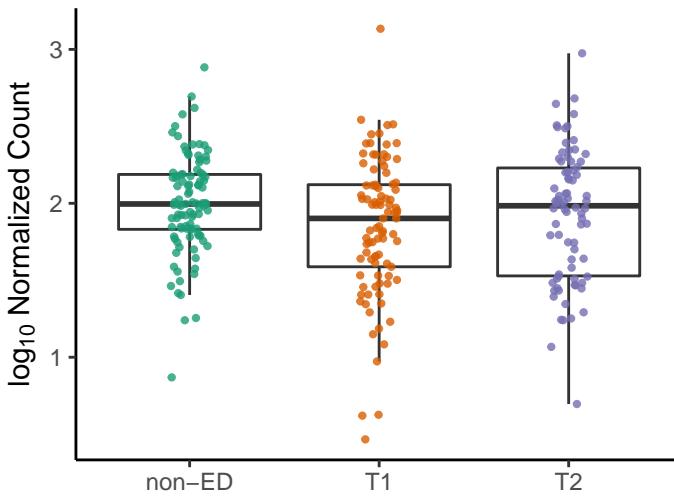
### Delftia acidovorans

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.67



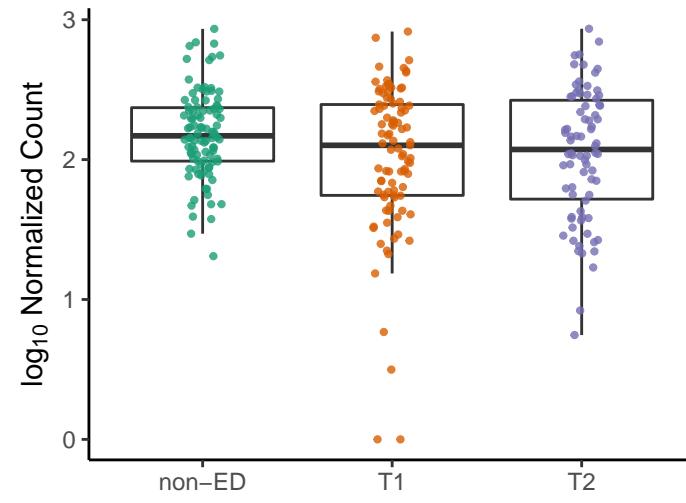
### Tessaracoccus flavus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.57



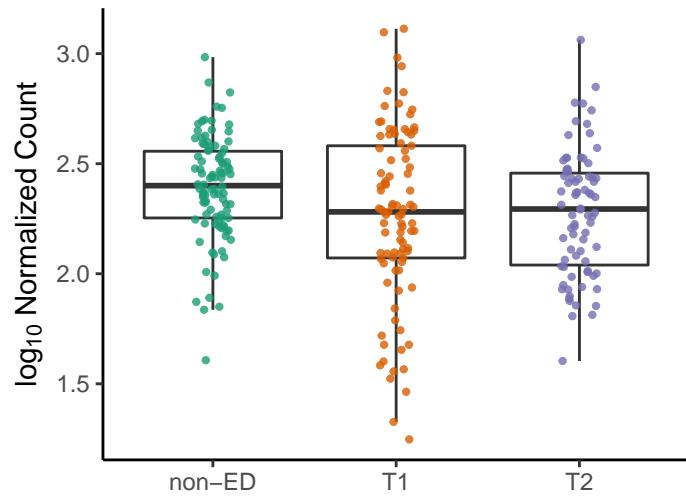
### Nocardiopsis gilva

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.76



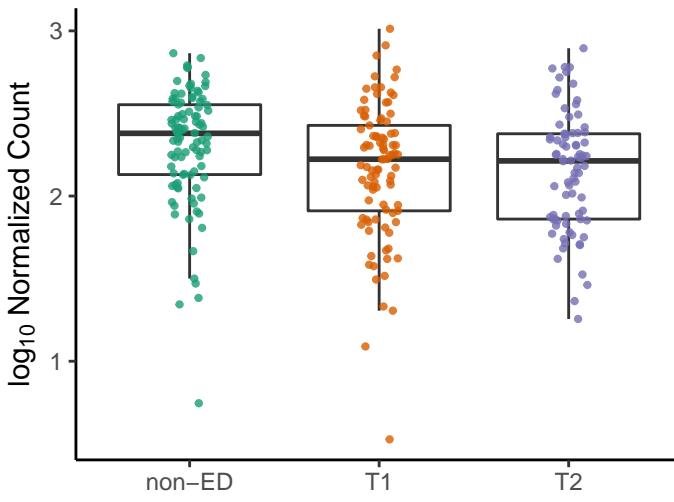
### Alcaligenes faecalis

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



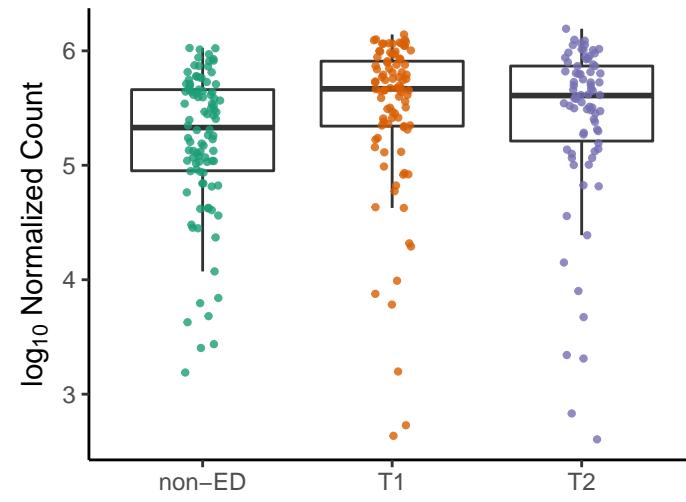
### Thermoanaerobacterium sp. RBIITD

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.93



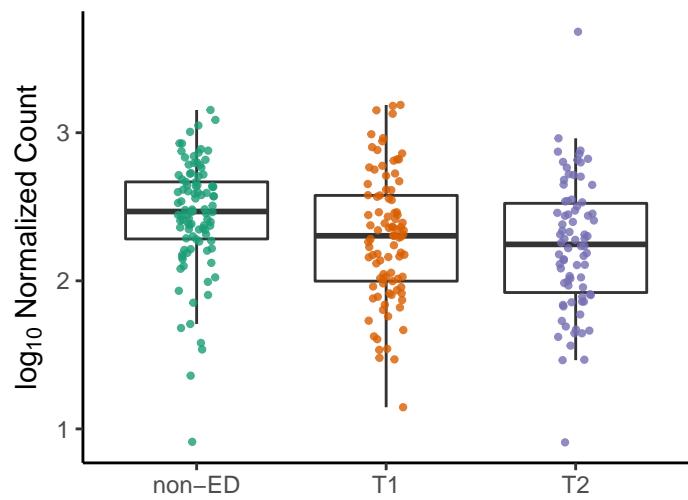
### Unclassified Bacteroides Genus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.7



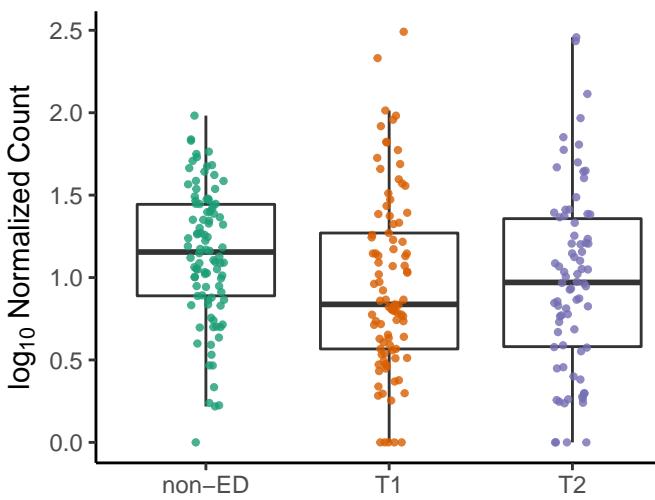
### *Clostridium taeniosporum*

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



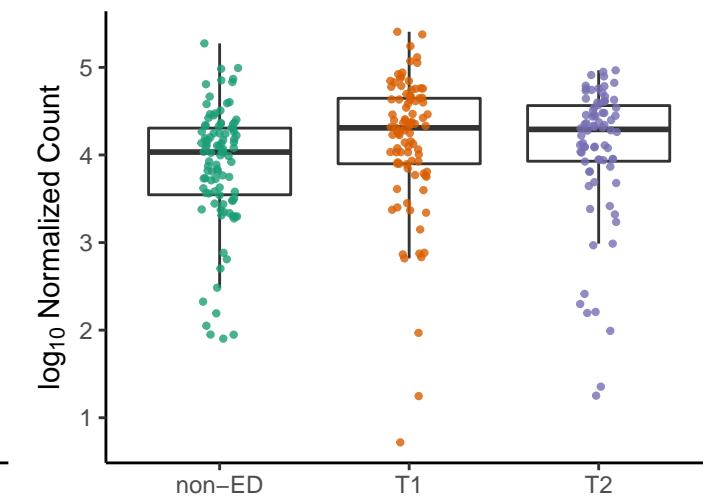
### *Stygiolobus azoricus*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.98



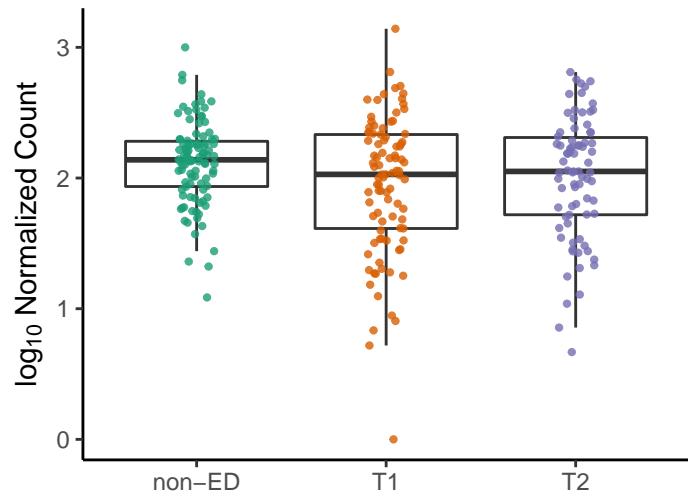
### *Bacteroides caecimuris*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.67



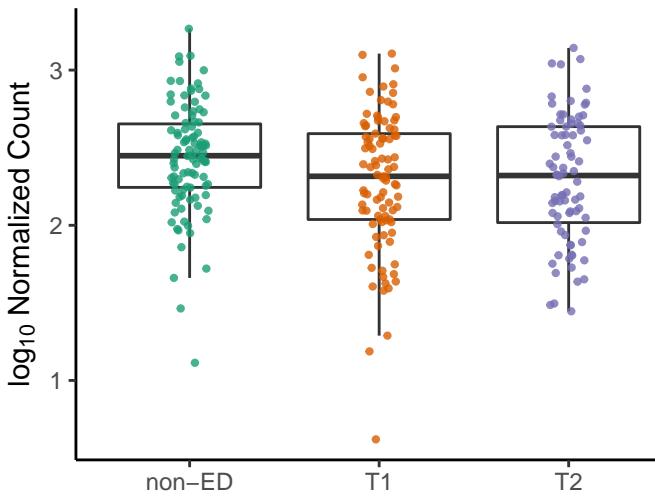
### *Nocardia asteroides*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.63



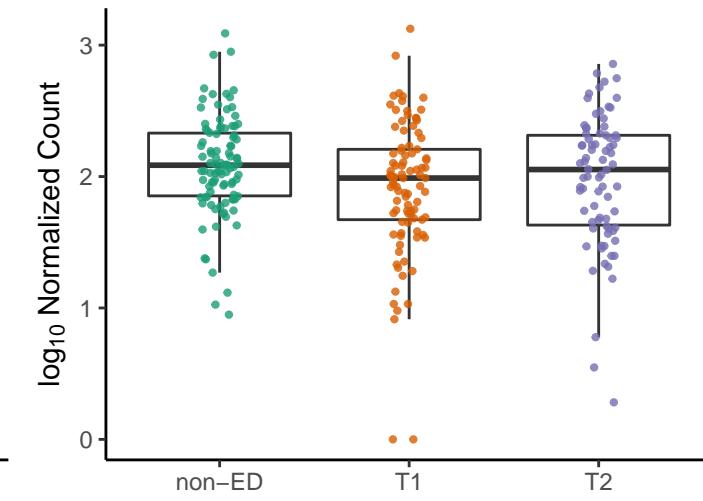
### *Opitutaceae bacterium TAV5*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.89



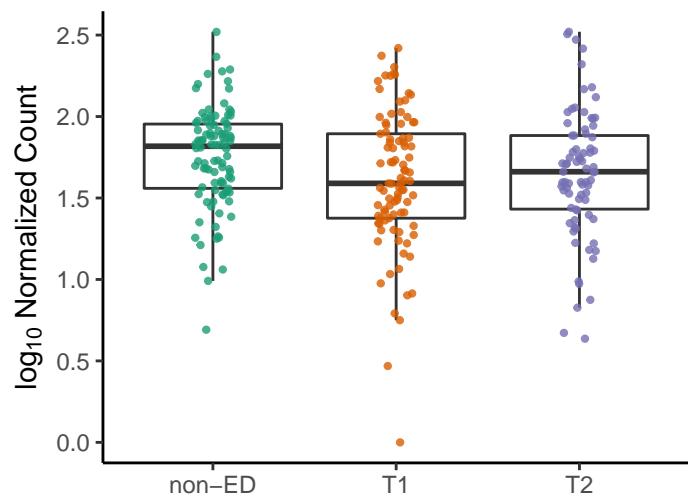
### *Mycolicibacterium psychrotolerans*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.67



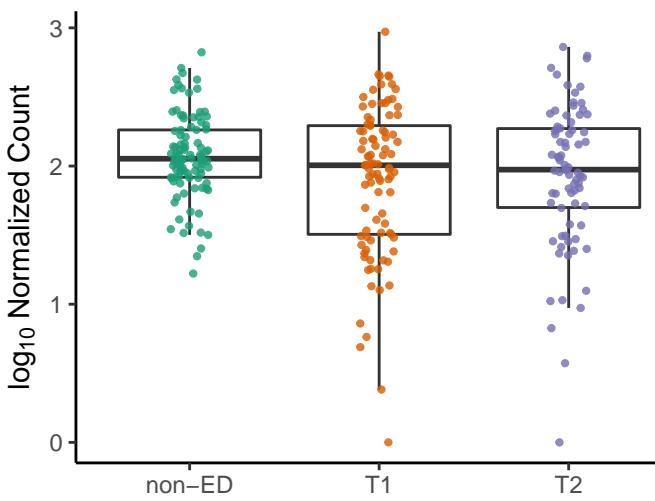
### Unclassified Desulfobacterium Genus

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.7



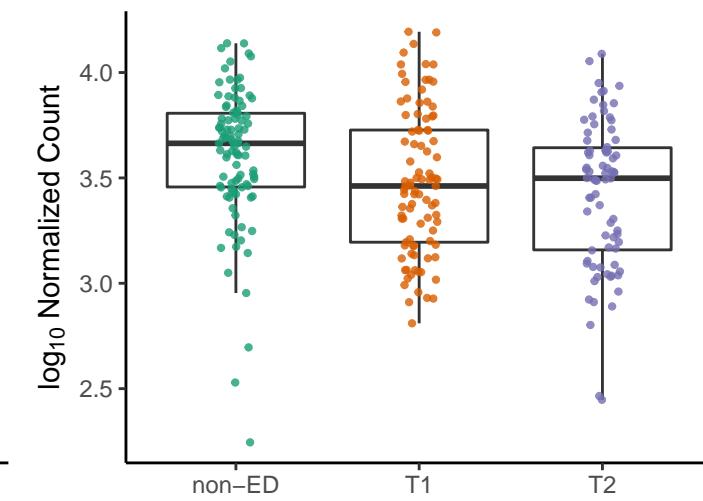
### *Thiomonas* sp. X19

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.78



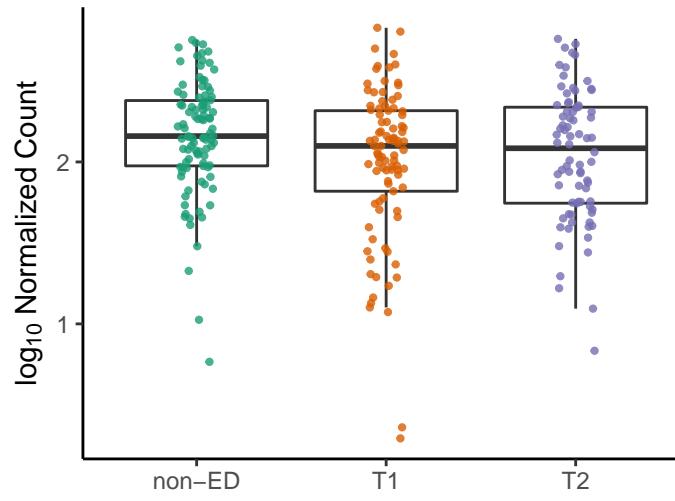
### Unclassified Clostridium Genus

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



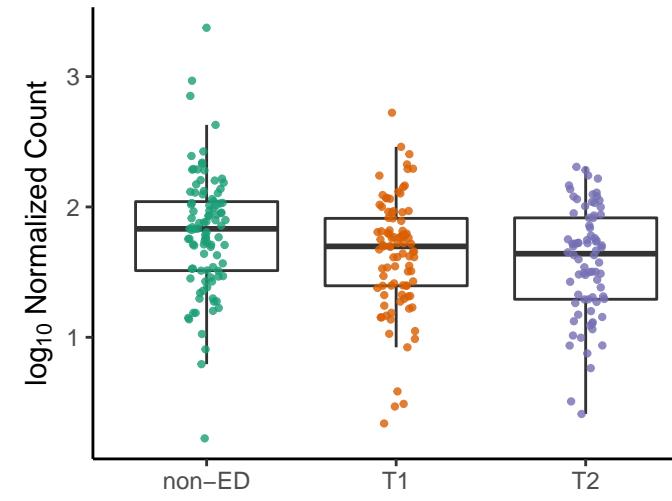
### Hymenobacter sp. BT18

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.73



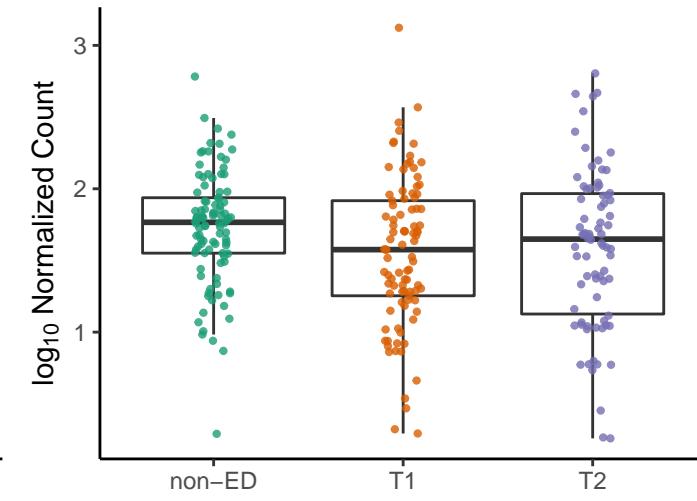
### Gramella forsetii

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



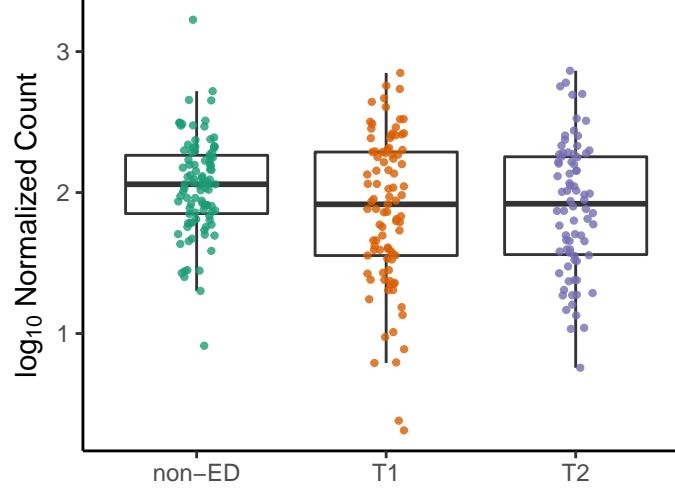
### Streptomyces sp. CCM\_MD2014

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.7



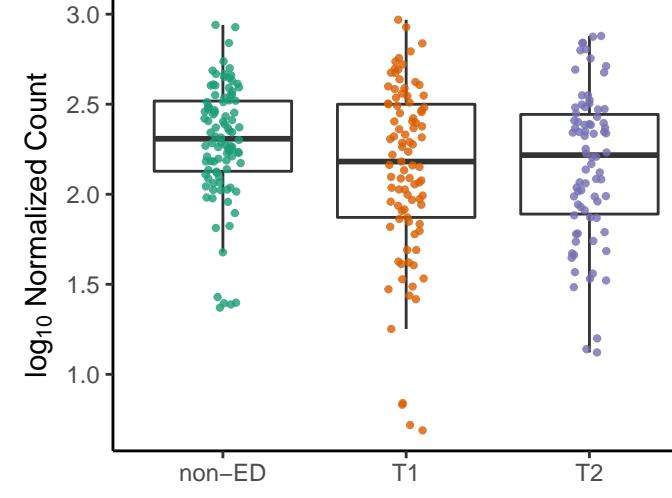
### Yangia pacifica

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.76



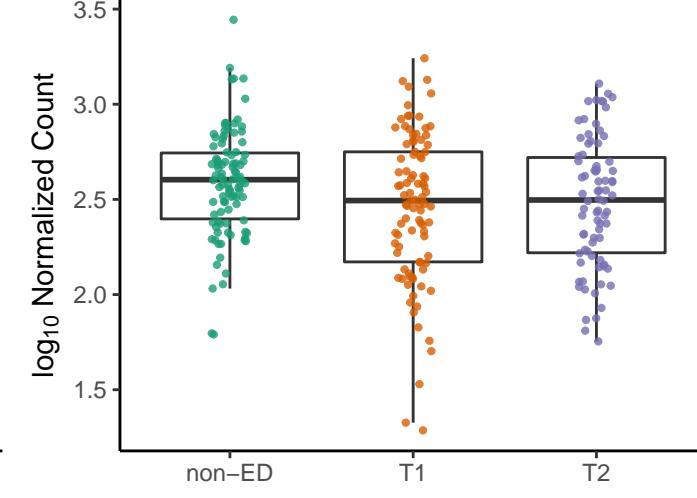
### Actinomadura amyloytica

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 0.77



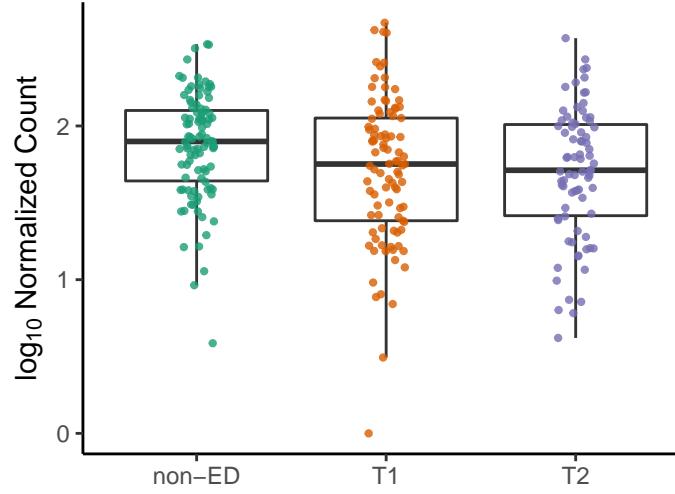
### Desulfosarcina ovata

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.77



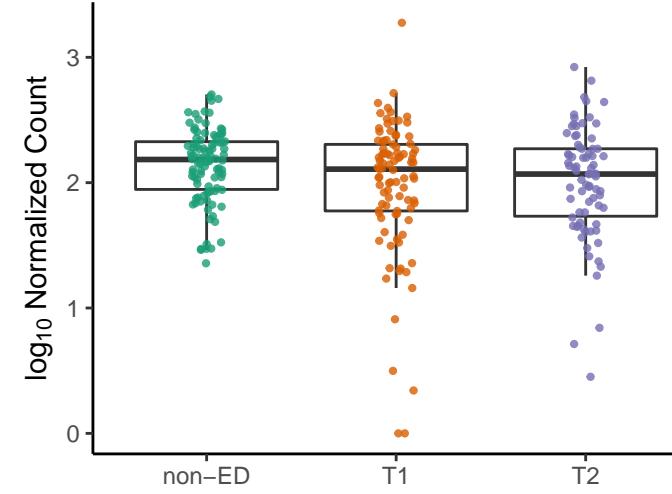
### Phycicoccus sp. HDW14

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.98



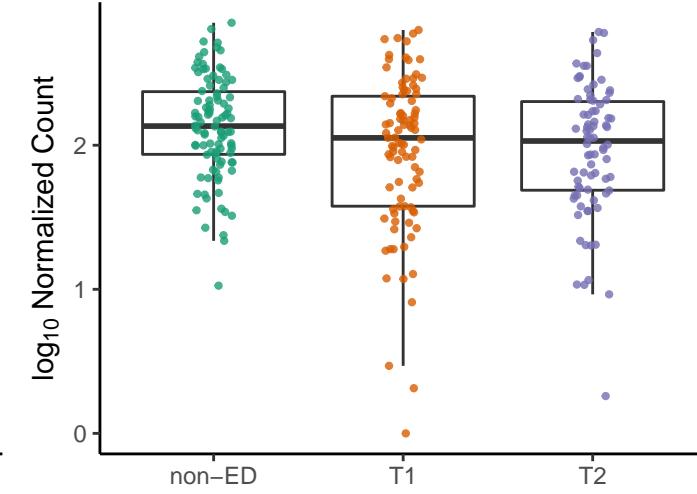
### Streptomyces avermitilis

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.72



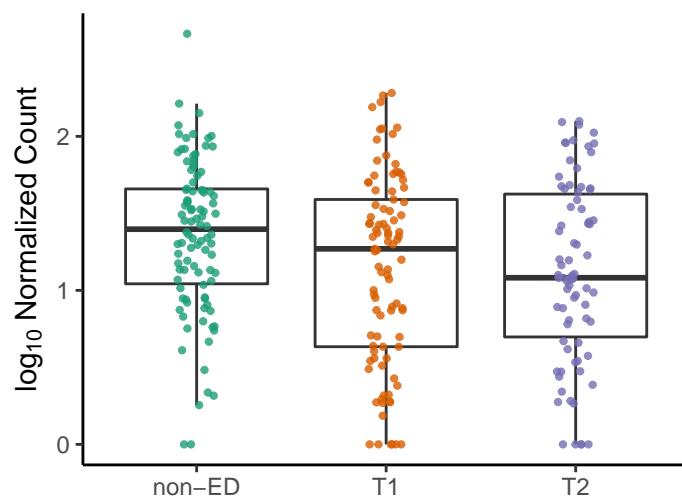
### Synechococcus sp. RSCCF101

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.79



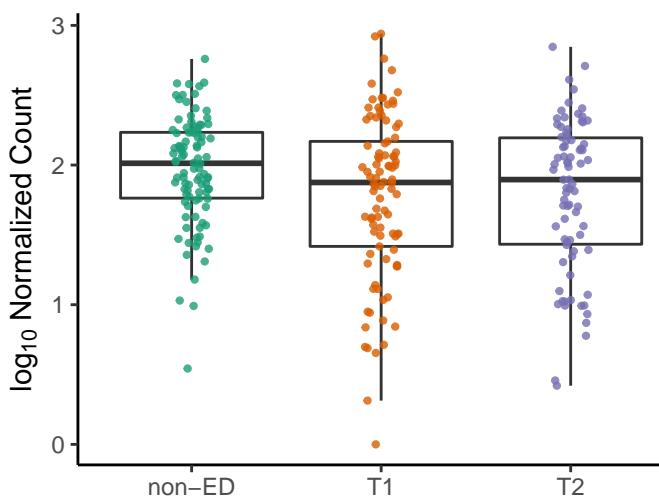
### Unclassified Jiangella Genus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



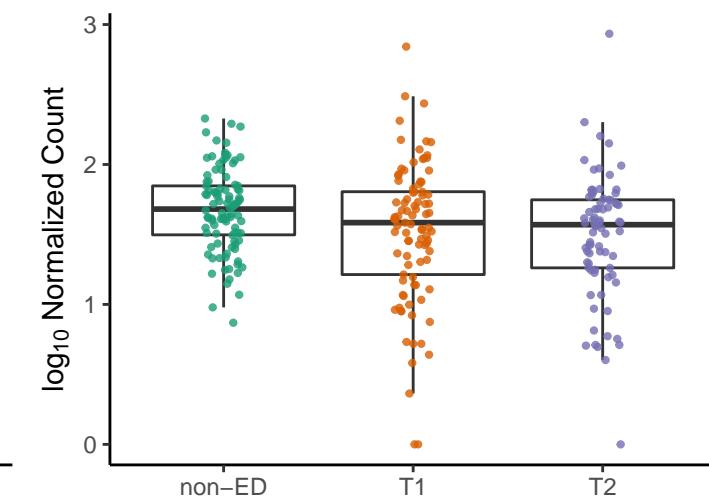
### Saccharomonospora cyanea

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.82



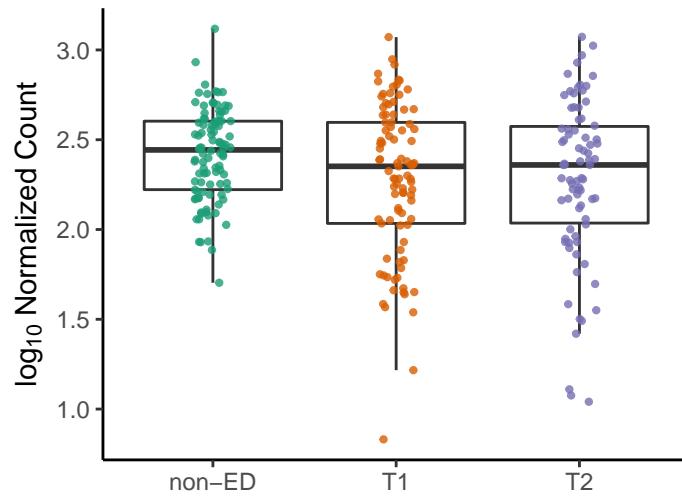
### Leucobacter sp. HDW9A

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



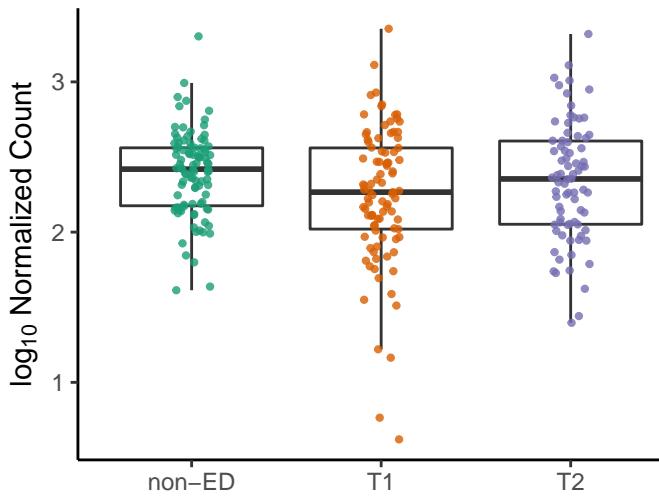
### Geobacter sp. M18

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.83



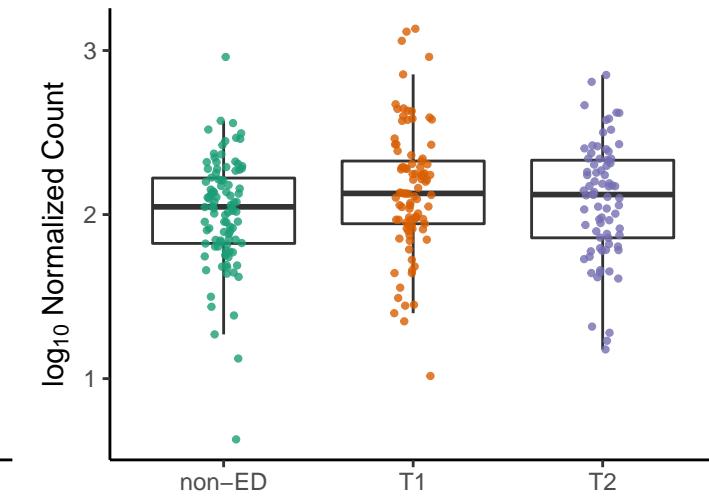
### Stenotrophomonas rhizophila

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.41  
T1 vs. T2 adjusted p = 0.46



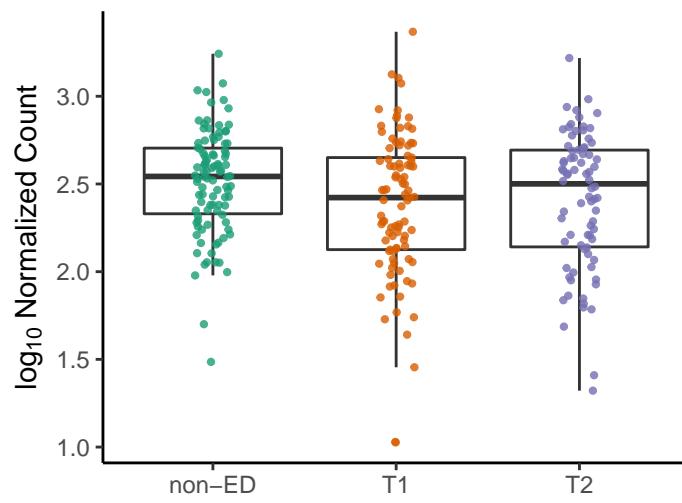
### Unclassified Sphingobacterium Genus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.66



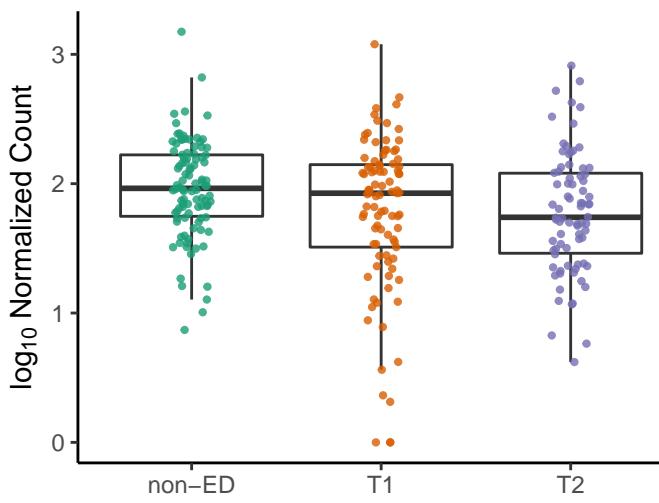
### Ralstonia solanacearum

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.68



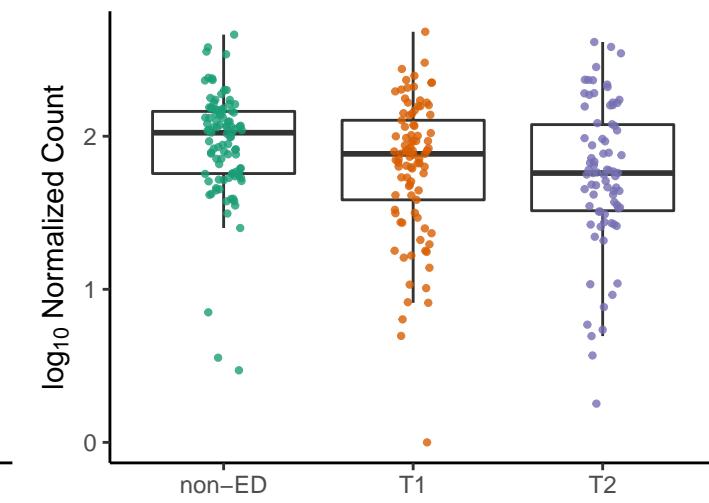
### Paracoccus sp. SC2-6

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.85



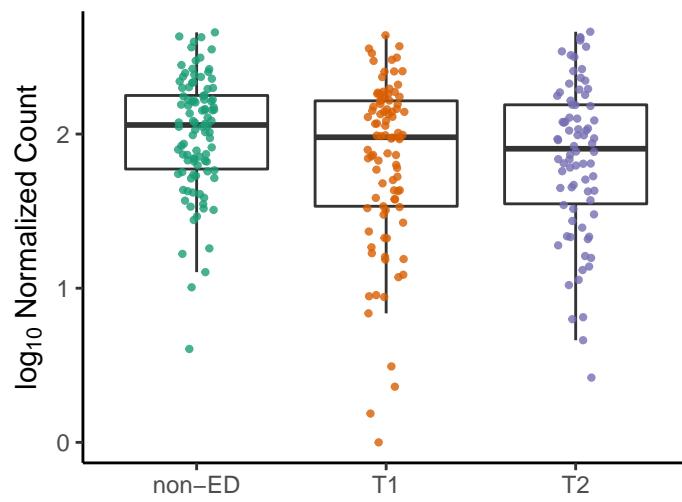
### Sphingobacteriaceae bacterium GW460-

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



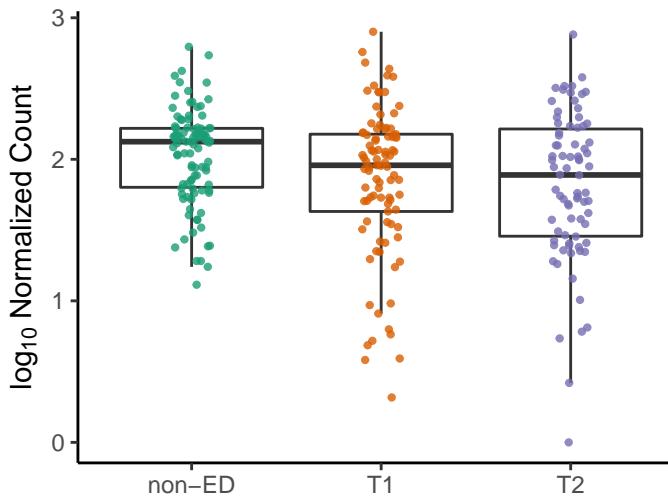
### Burkholderiales bacterium GJ-E10

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.84



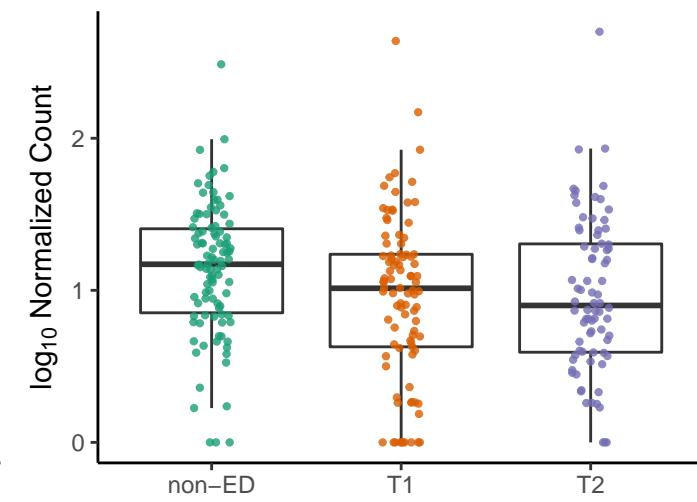
### Rhodoferax sp. CHu59-6-5

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.98



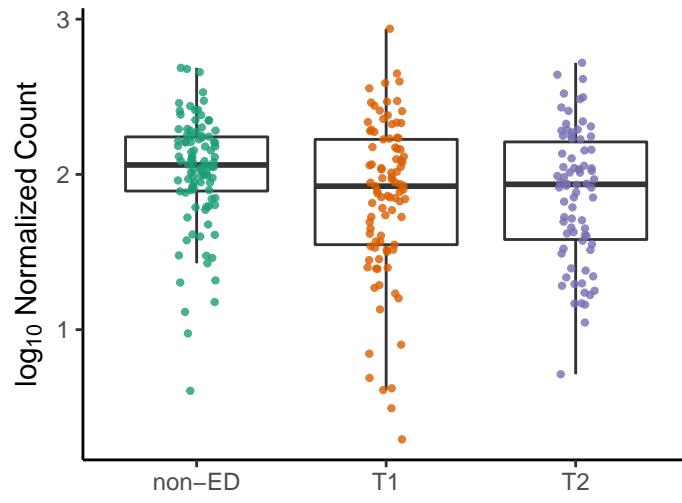
### Candidatus Nitrososarcina exaqua

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.9



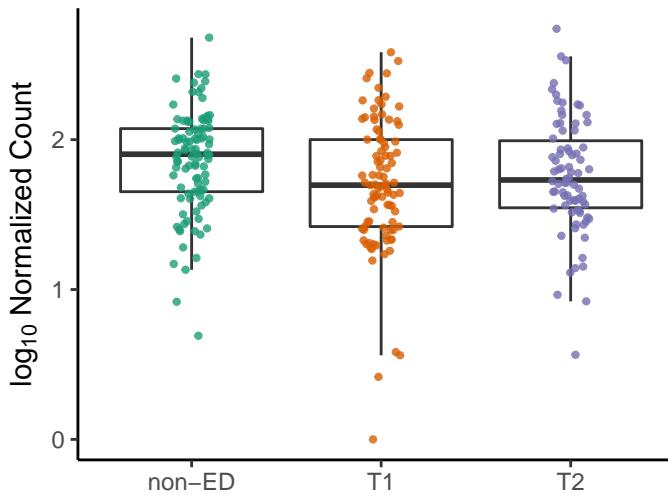
### Thioclava nitratireducens

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.84



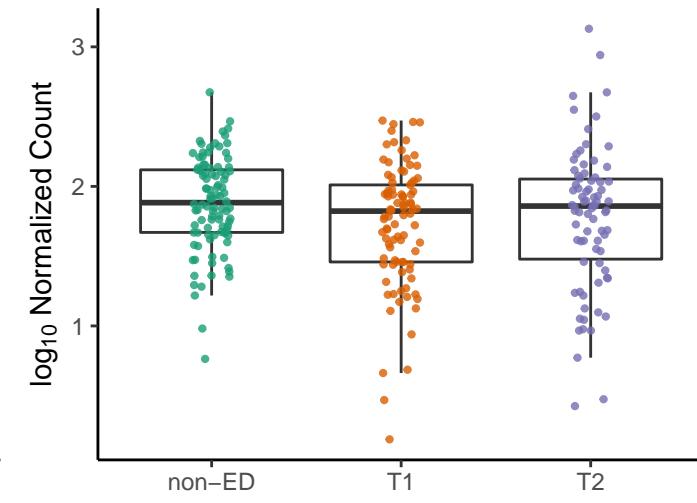
### Pseudomonas pelagia

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.67



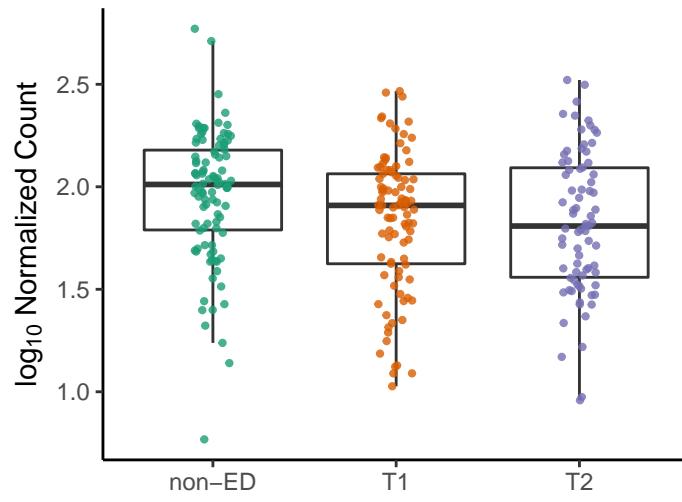
### Roseivivax sp. THAF30

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.79



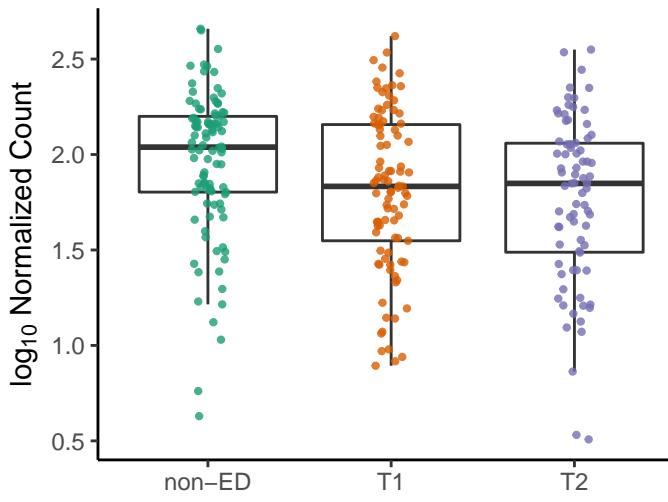
### Serratia sp. ATCC 39006

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.95



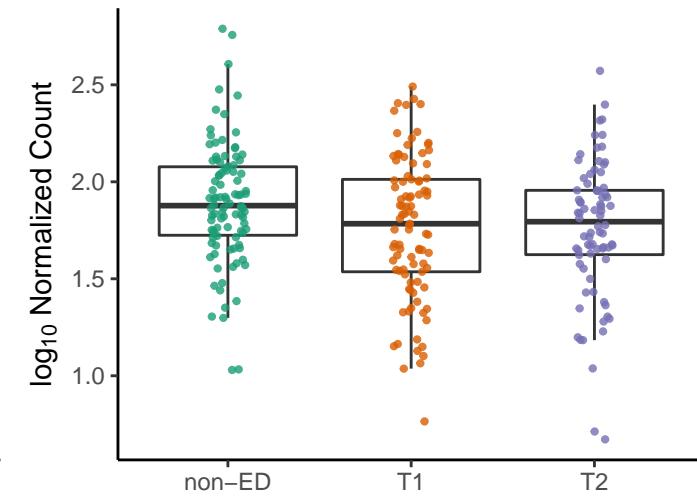
### Unclassified Wolbachia Genus

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



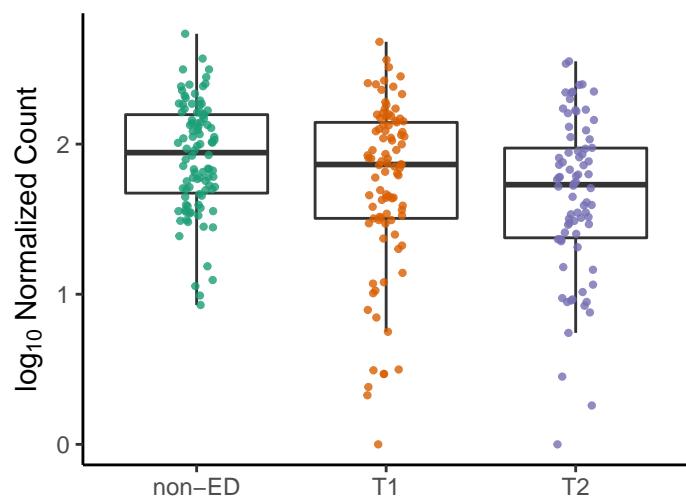
### Pseudomonas salegens

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.87



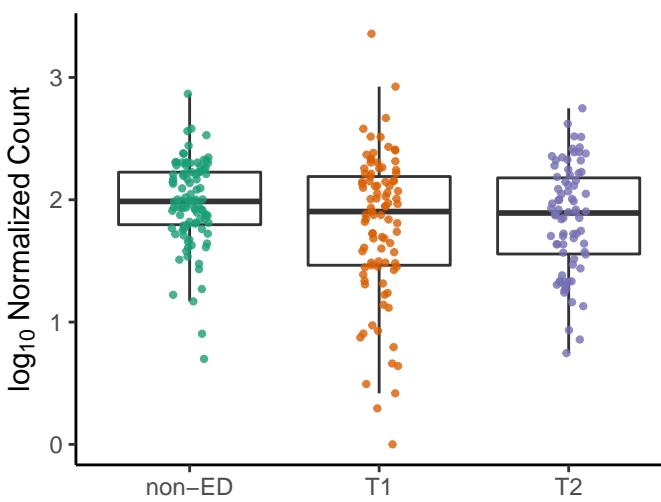
### *Streptomyces prasinus*

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



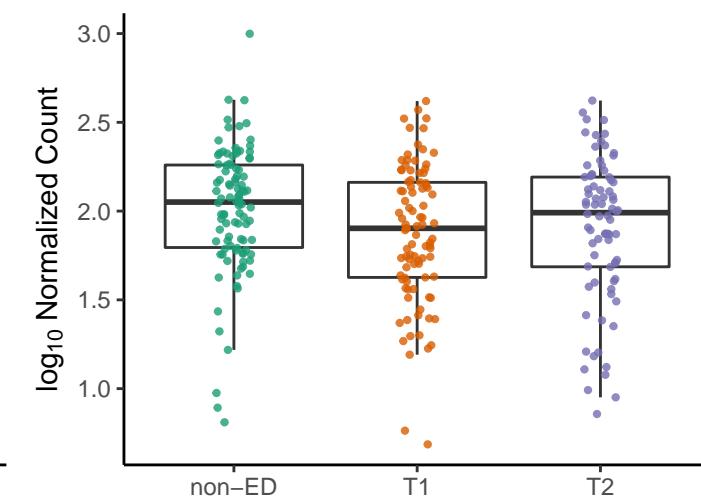
### *Nocardioides sp. JS614*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.69



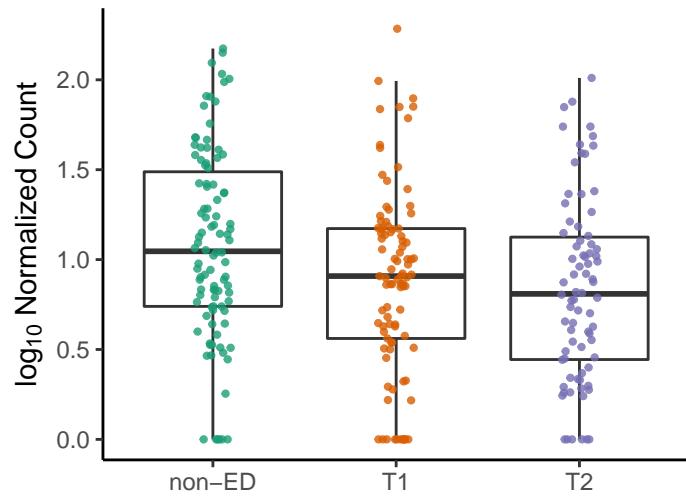
### *Pseudomonas sp. DY-1*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.71



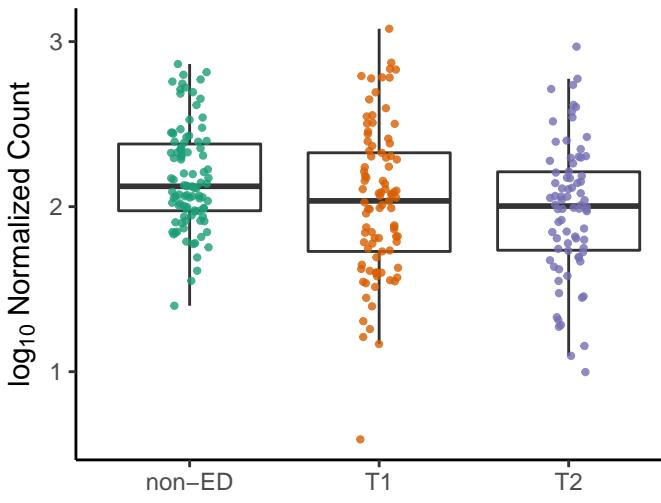
### *Mycoplasma meleagridis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.76



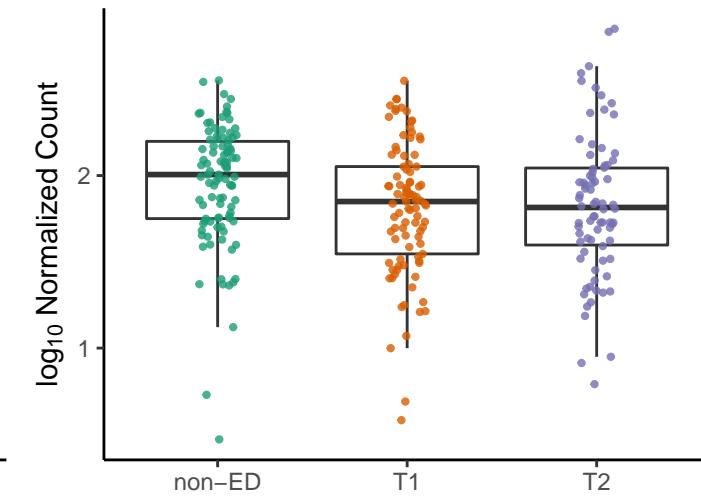
### *Rothia aeria*

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



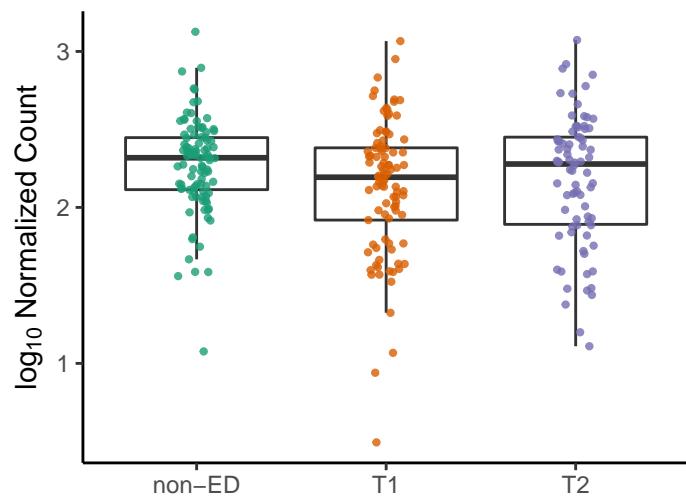
### *Listeria sp. PSOL-1*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.95



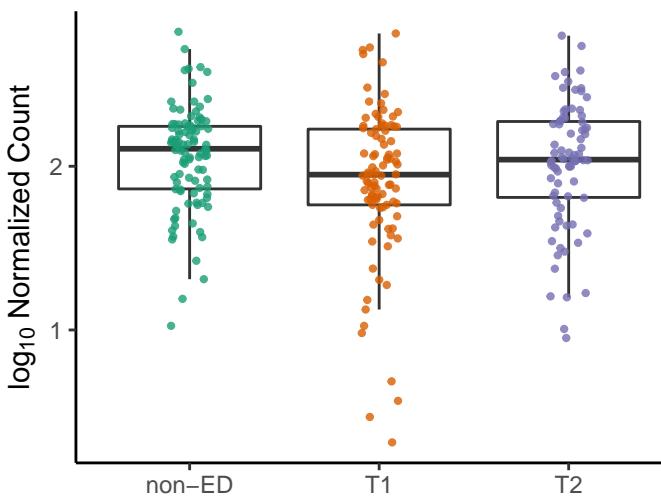
### *Planctomyces sp. SH-PL14*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.7



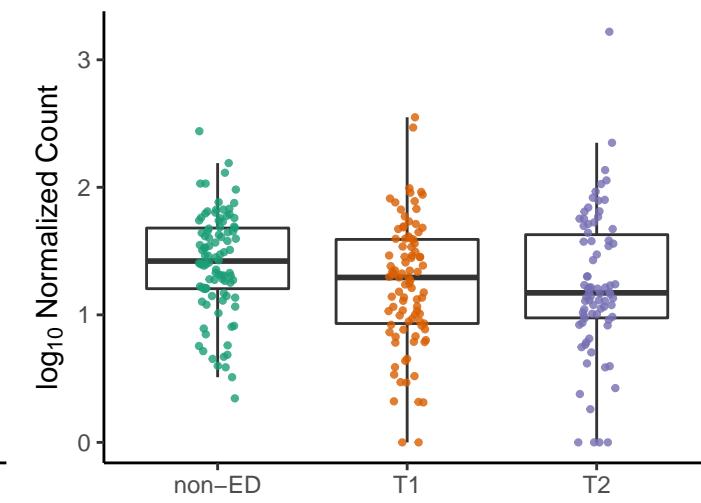
### *Actinoalloteichus hymeniacidonis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.5  
 T1 vs. T2 adjusted p = 0.55



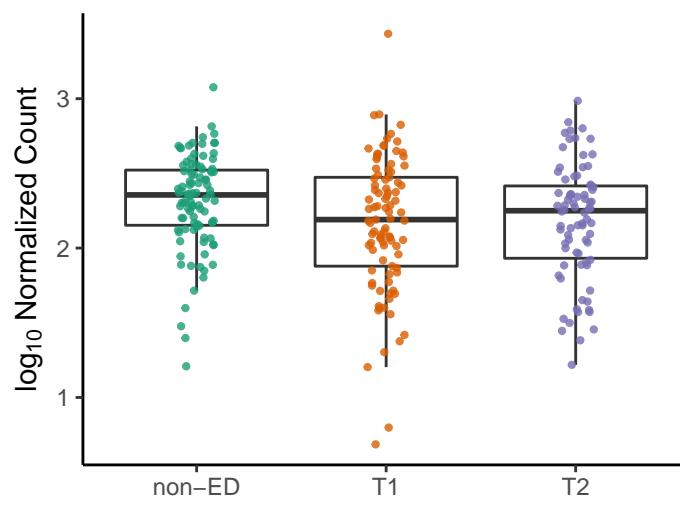
### *Methylomicrobium buryatense*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.99



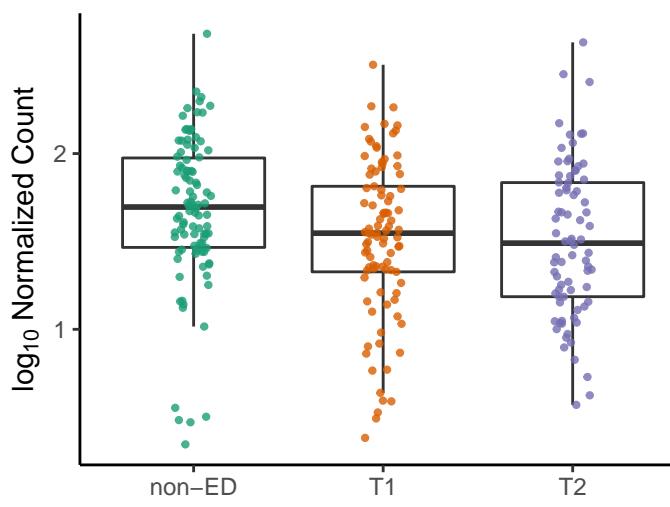
### *Lentzea guizhouensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.82



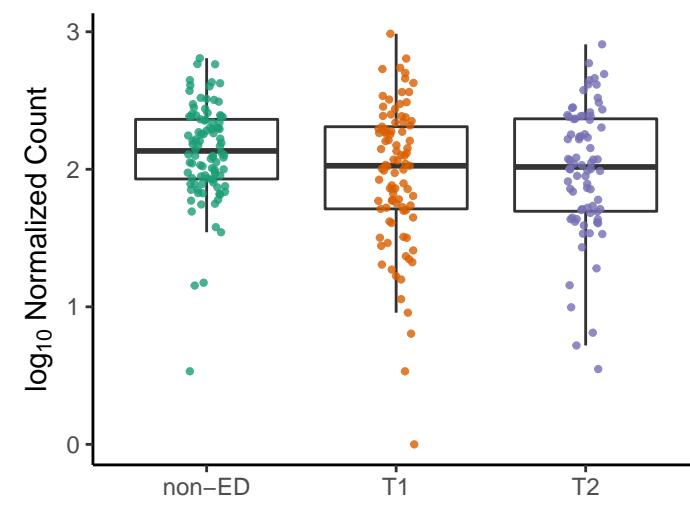
### *Polaribacter sp. MED152*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.96



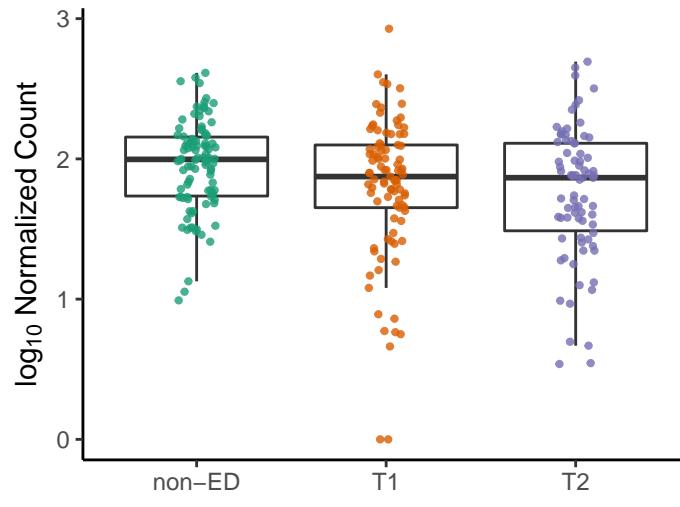
### *Streptomyces clavuligerus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.087  
 T1 vs. T2 adjusted p = 0.76



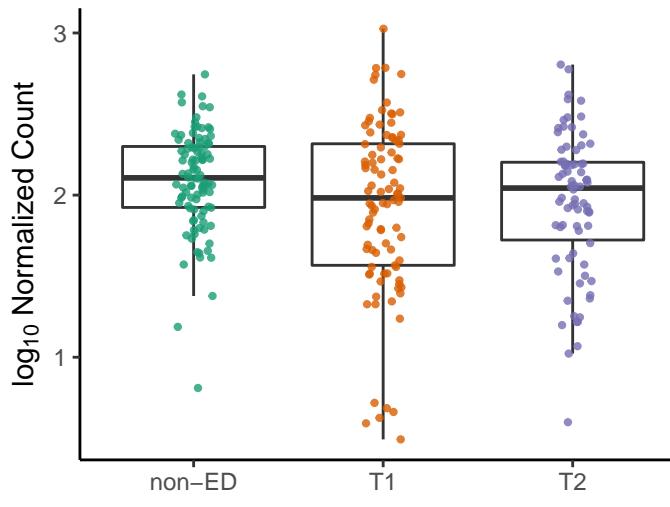
### *Xanthomonas arboricola*

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



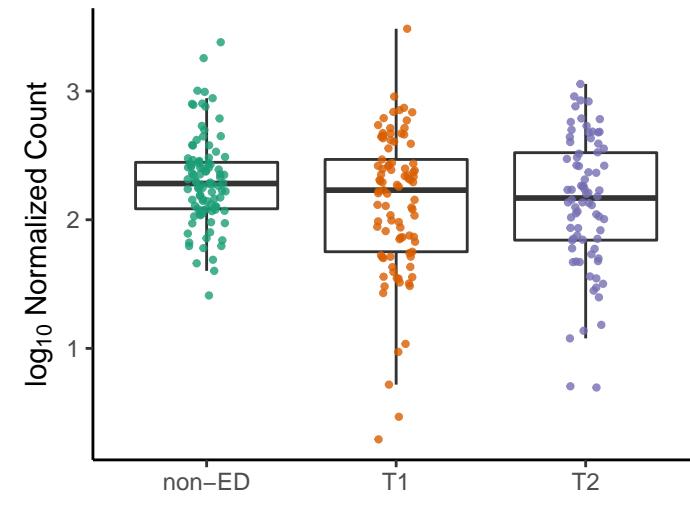
### *Bordetella genomosp. 13*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.78



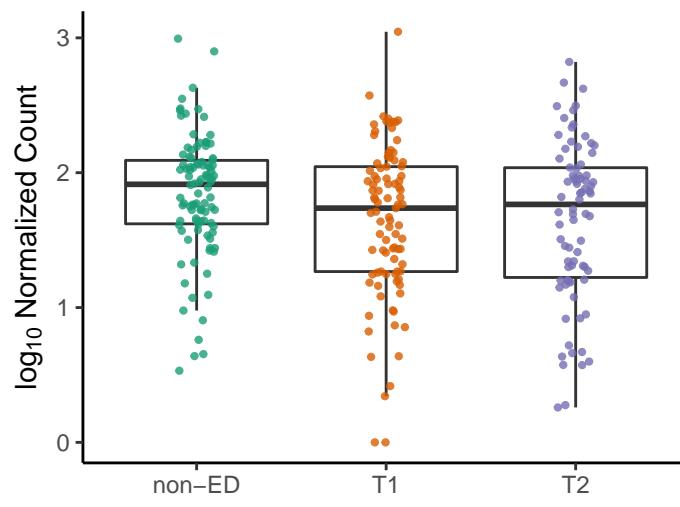
### Unclassified Micromonosporaceae Family

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.86



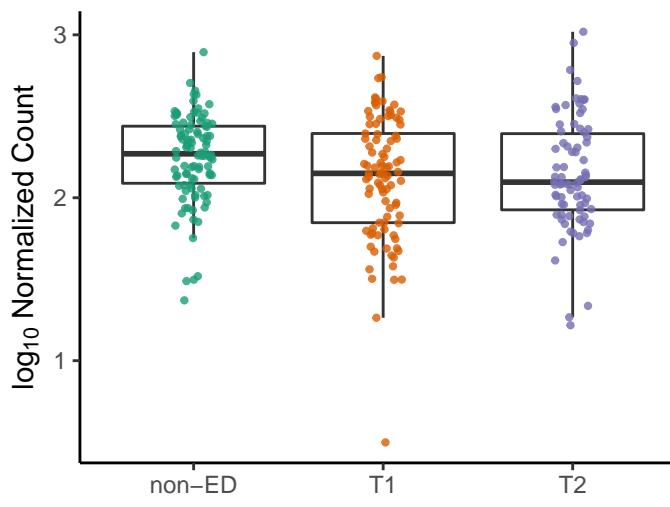
### *Dietzia timorensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.97



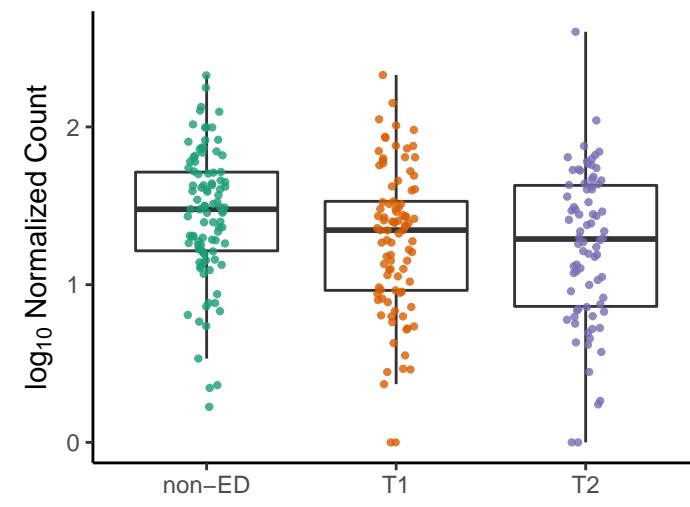
### *Desulfobacterium autotrophicum*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.75



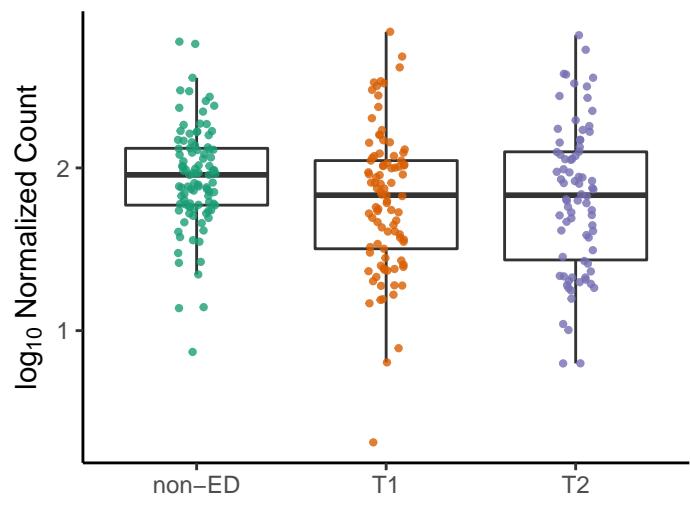
### *Idiomarina loihiensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.77



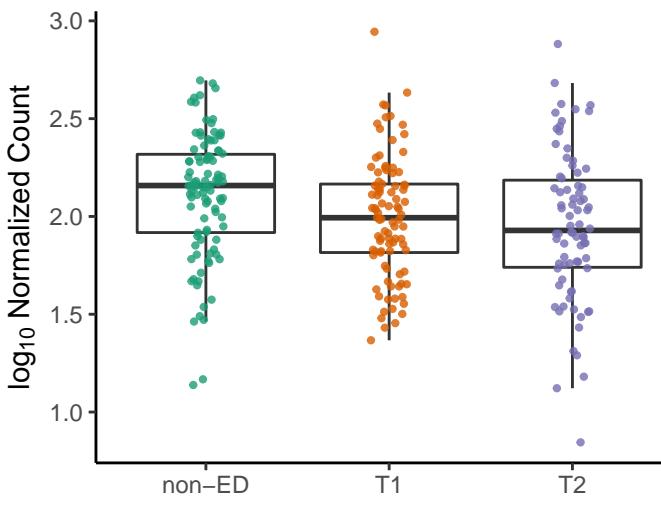
### *Streptomyces atratus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



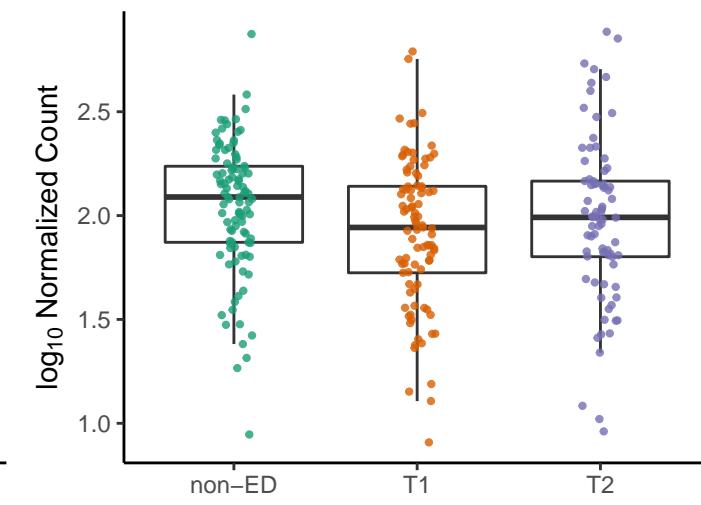
### *Flammeovirga sp. MY04*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.73



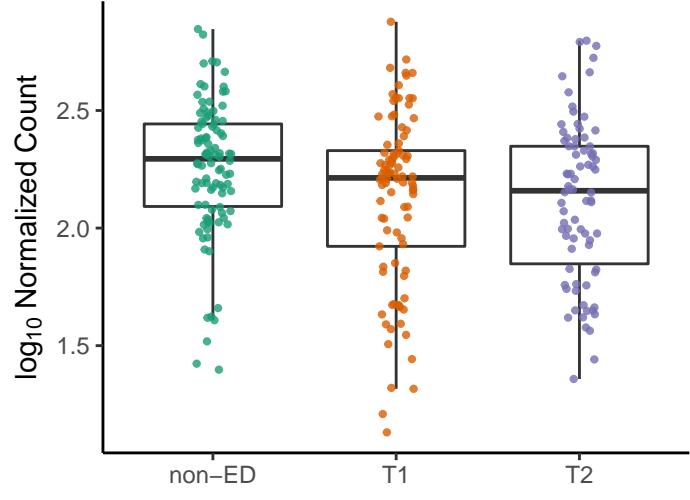
### *Paenibacillus brasiliensis*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.35  
 T1 vs. T2 adjusted p = 0.68



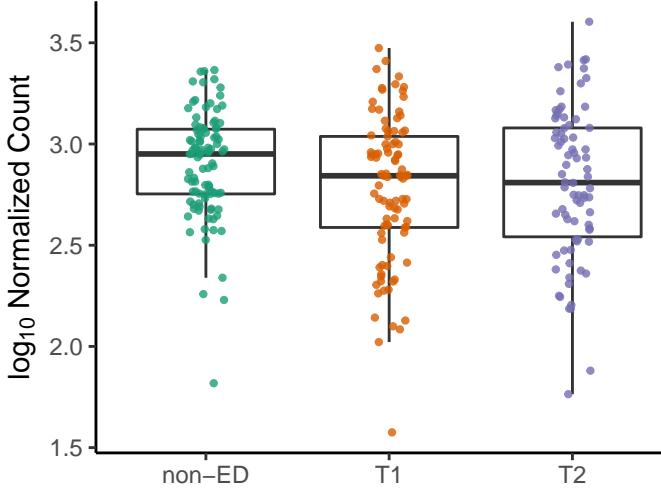
### *Serratia plymuthica*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.91



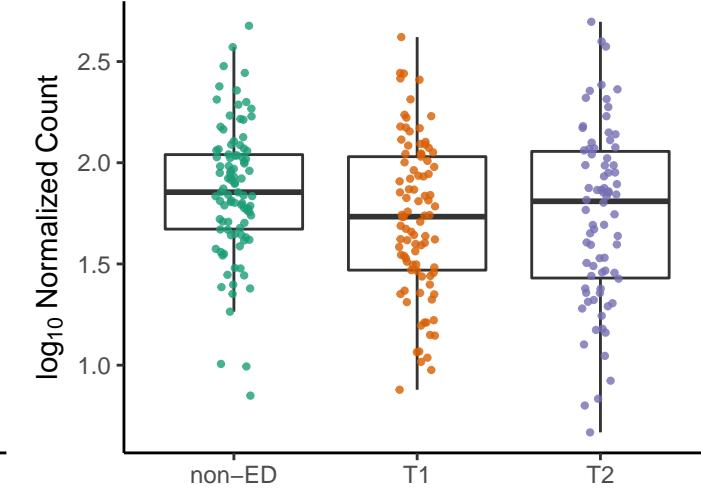
### Unclassified Rhizobium Genus

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.73



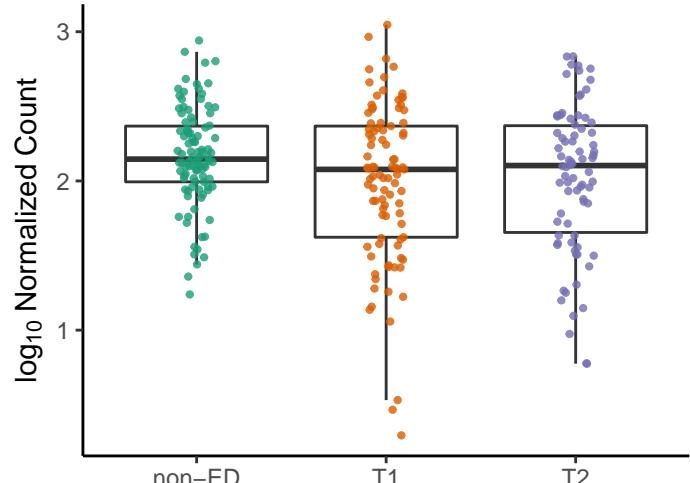
### *Acinetobacter haemolyticus*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.9



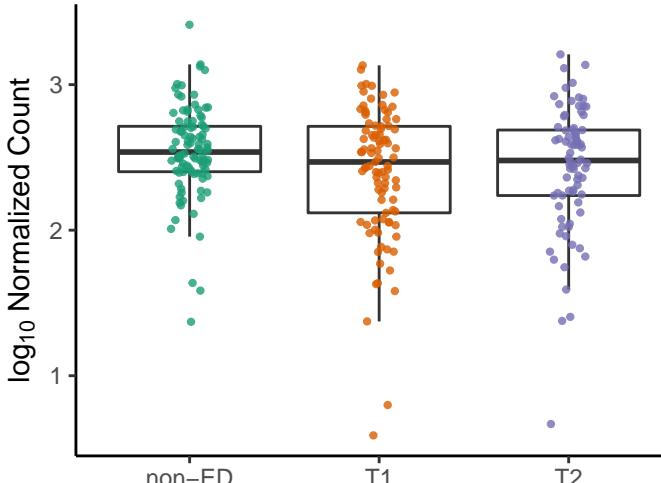
### *Chromobacterium sp. ATCC 53434*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.74



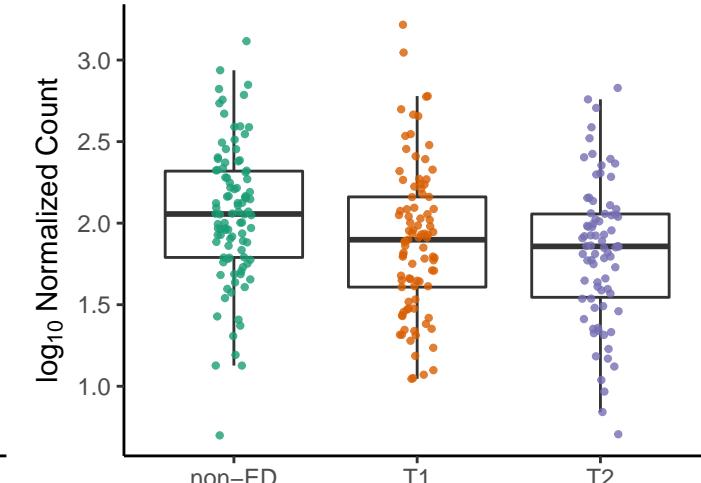
### Unclassified Achromobacter Genus

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.75

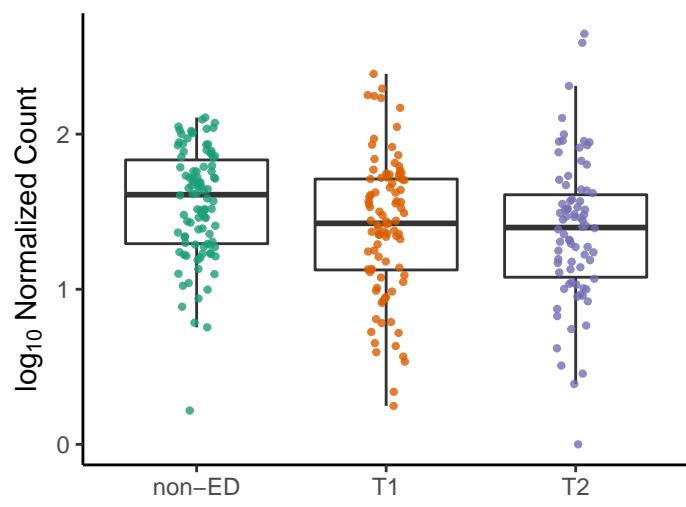


### *Enterobacter asburiae*

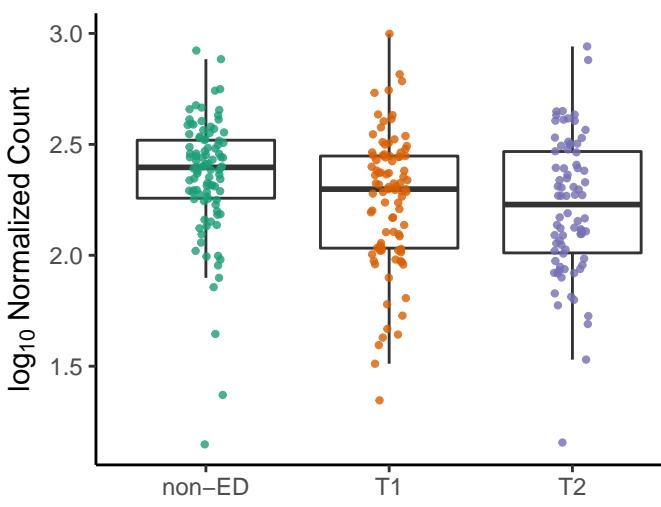
non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.8



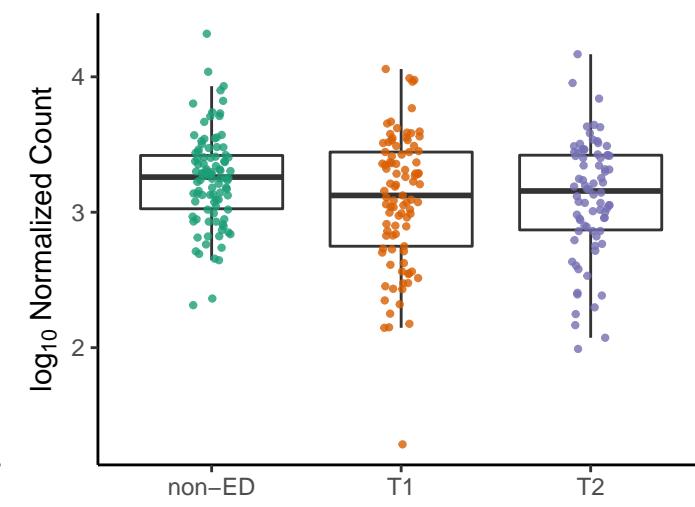
**Campylobacter hyoilealis**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.93



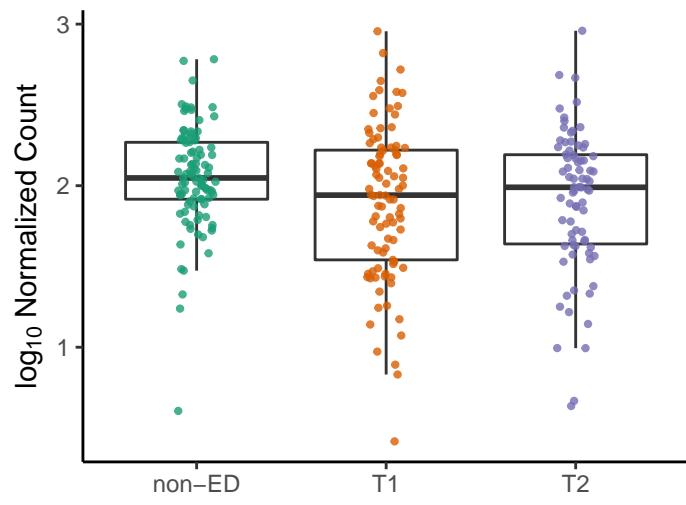
**Unclassified Thermotoga Genus**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.89



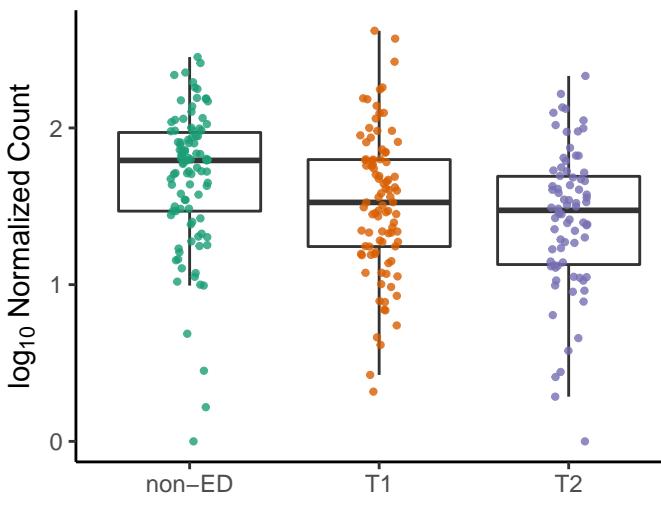
**Slackia heliotrinireducens**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.79



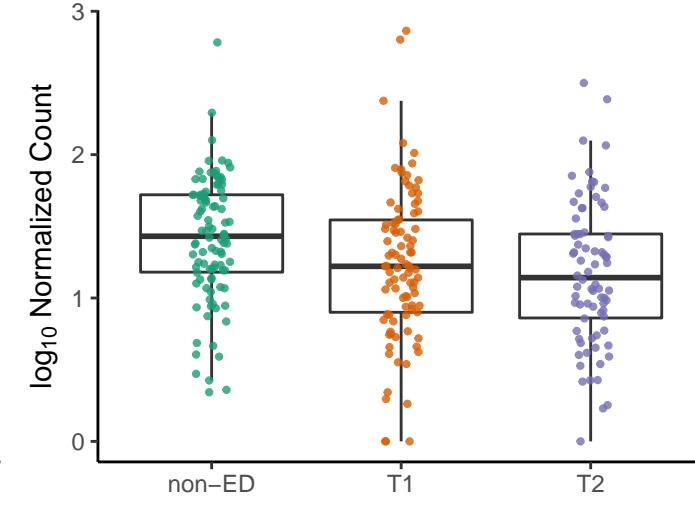
**Emcibacter congregatus**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.92



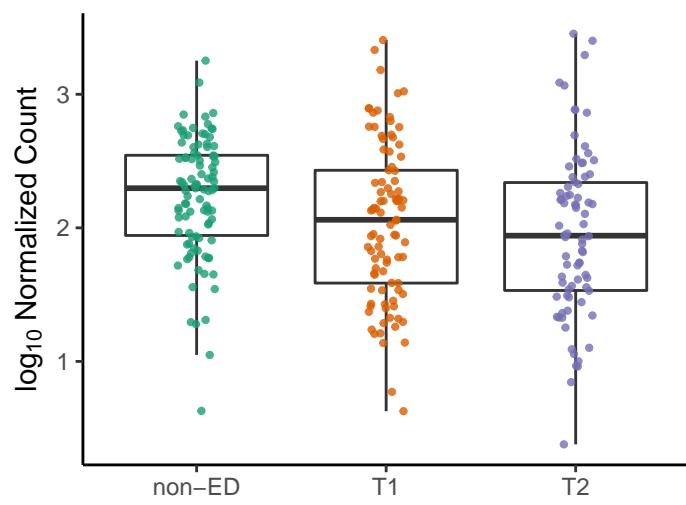
**Deferrribacter desulfuricans**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.67



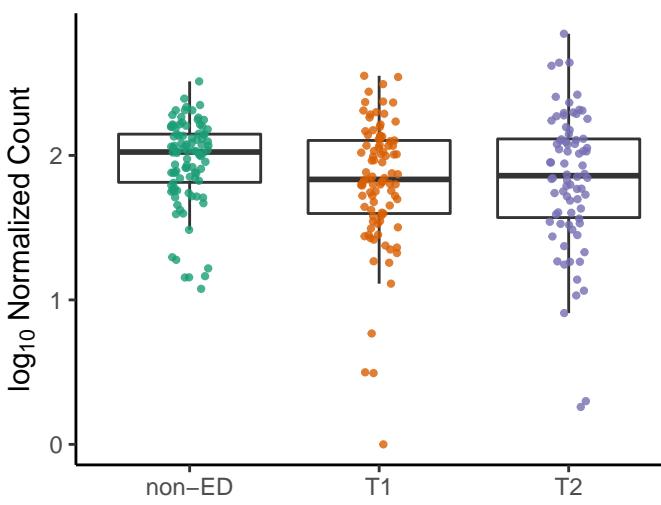
**Campylobacter iguaniorum**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.0084  
T1 vs. T2 adjusted p = 0.8



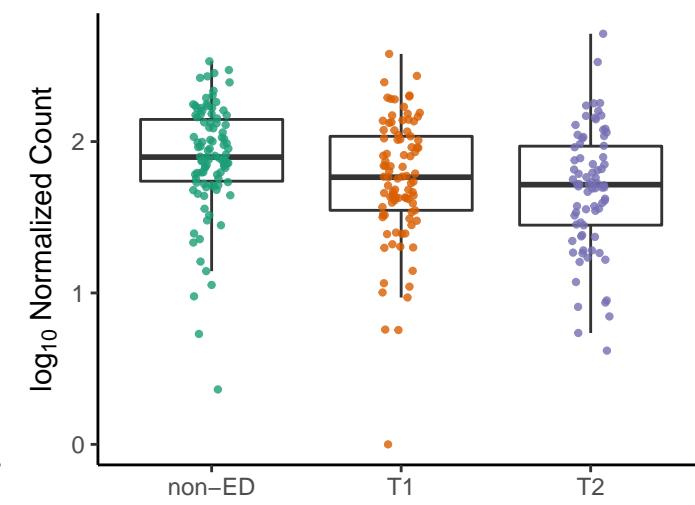
**Unclassified Rickettsia Genus**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.79



**Mycolicibacterium arabiense**  
non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79

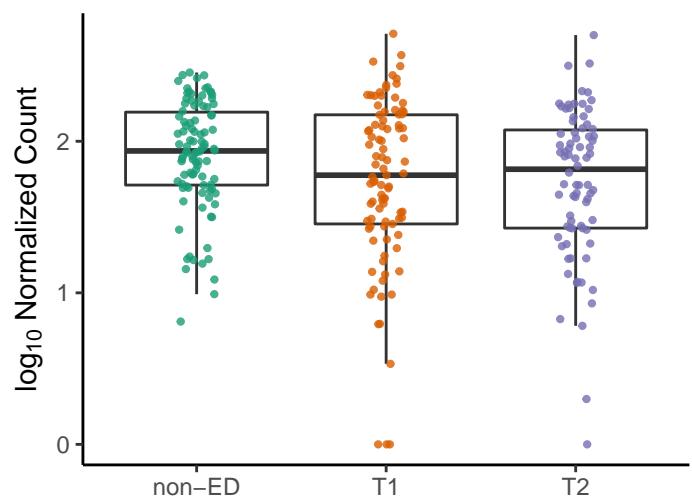


**Arachidicoccus sp. KIS59-12**  
non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.006  
T1 vs. T2 adjusted p = 0.7



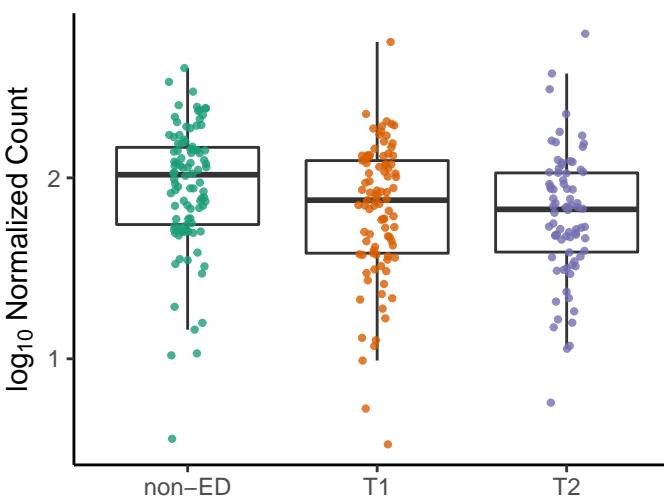
### Unclassified Caulobacteraceae Family

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.91



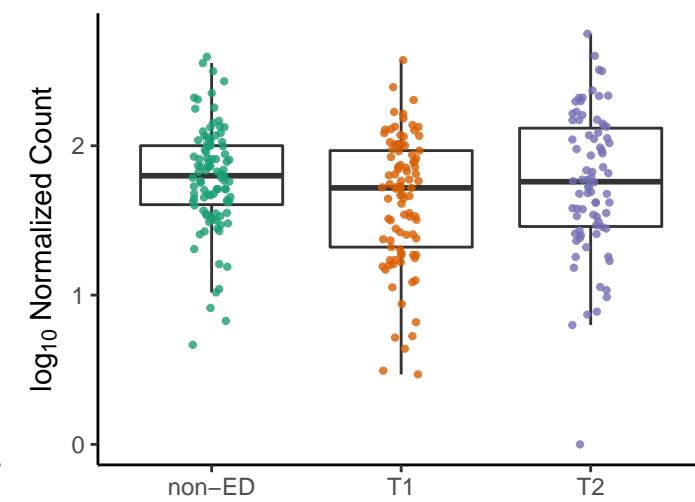
### *Jeotgalibaca dankookensis*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.86



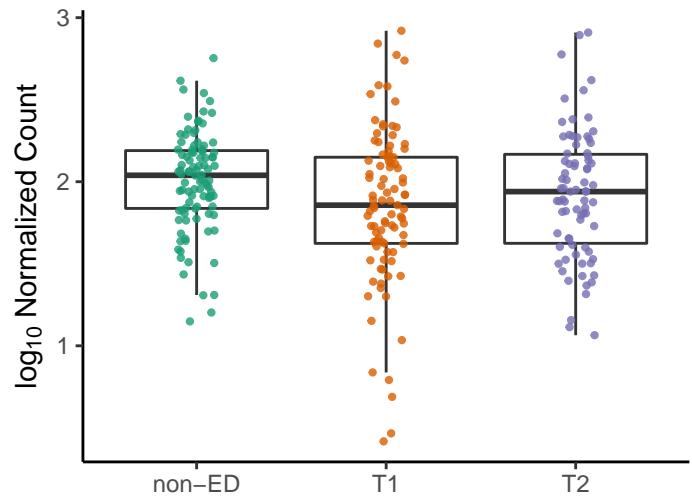
### *Maricaulis maris*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.7  
T1 vs. T2 adjusted p = 0.37



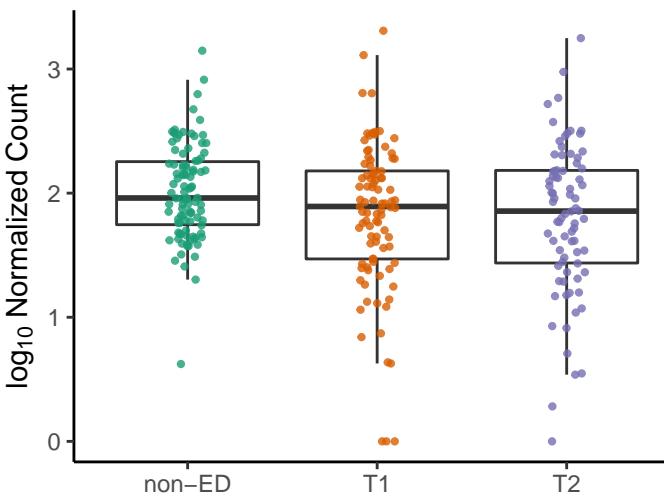
### *Pigmentiphaga aceris*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.52



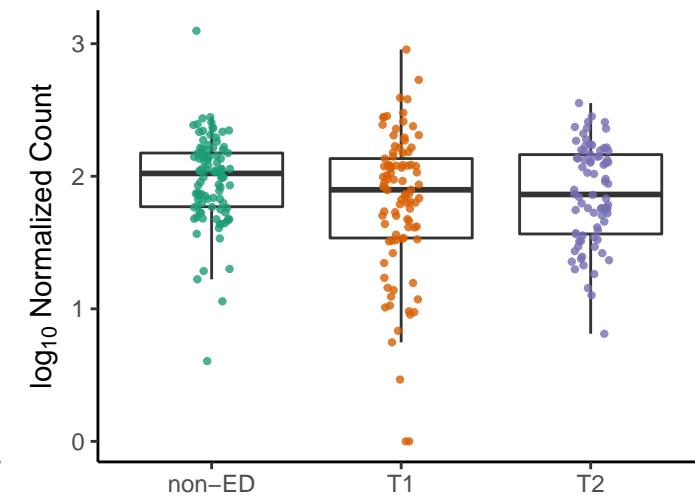
### *Rhodanobacter glycinis*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.89



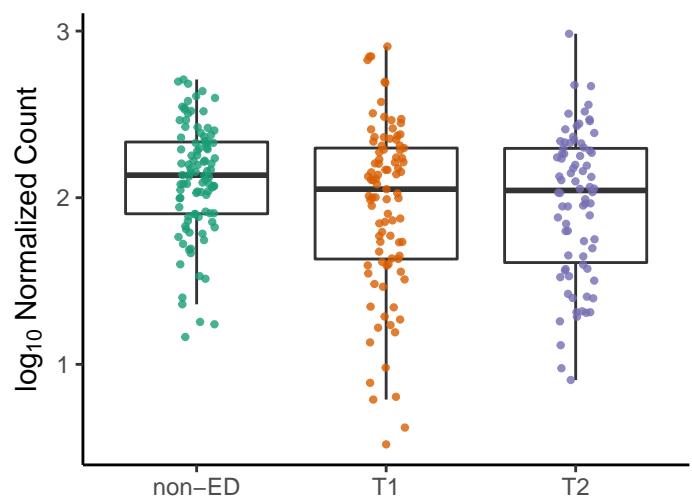
### *Roseimarinima ulvae*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.67



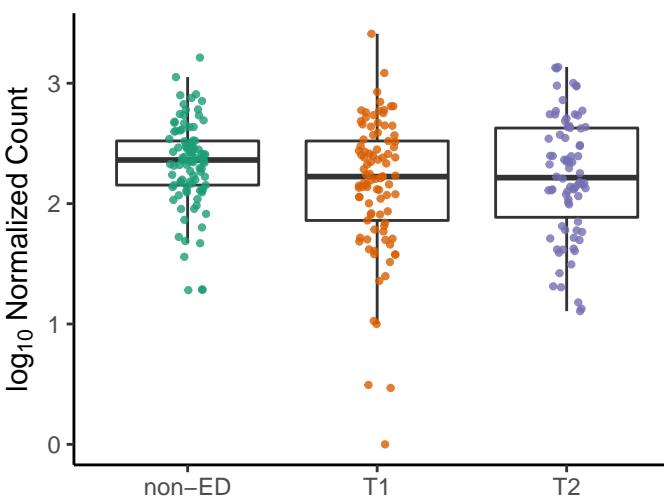
### *Defluviimonas alba*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.89



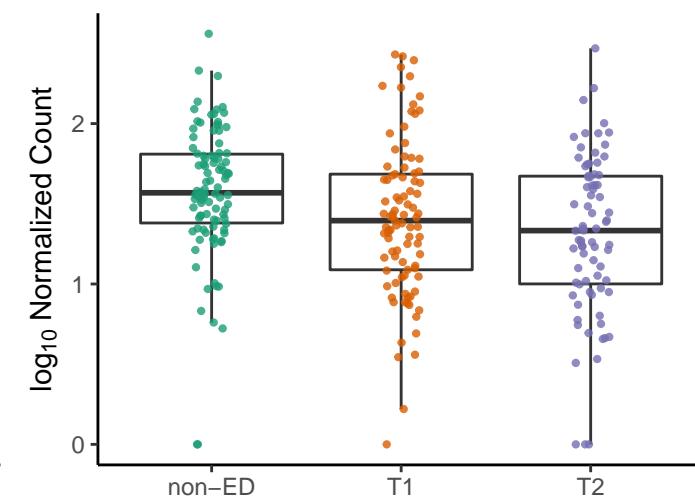
### *Saccharothrix espanaensis*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.63



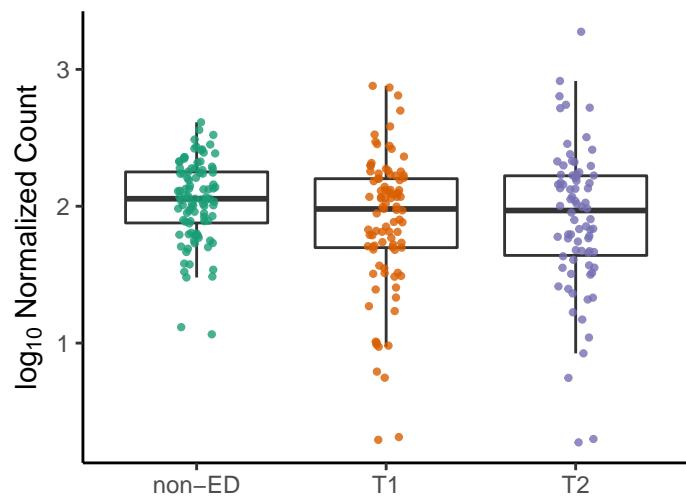
### *Candidatus Endolissoclinum faulkneri*

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



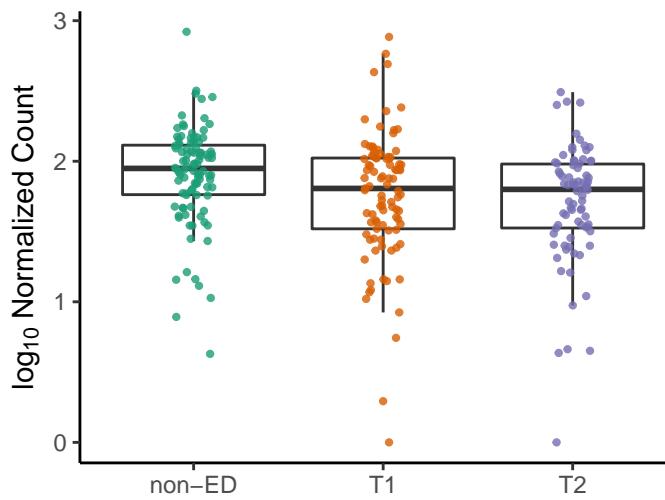
### *Mycobacterium kansasii*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.77



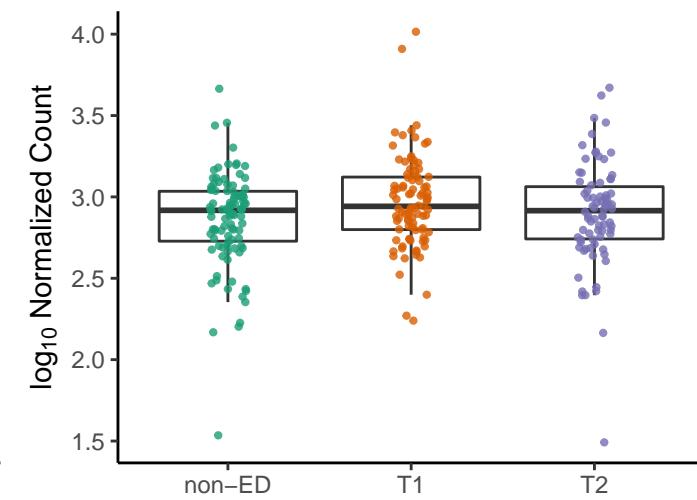
### *Prosthecochloris aestuarii*

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



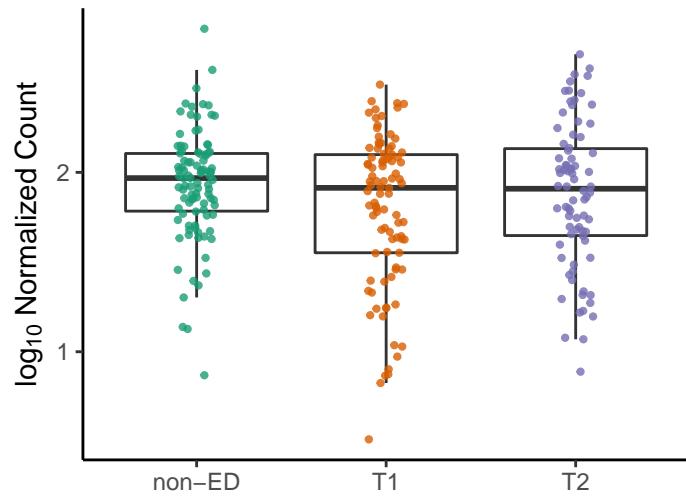
### Unclassified Lacrimispora Genus

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.54  
 T1 vs. T2 adjusted p = 0.66



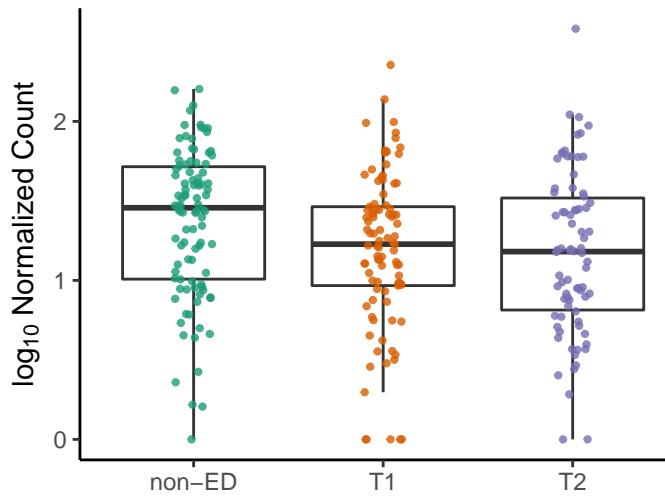
### *Paraburkholderia xenovorans*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.63



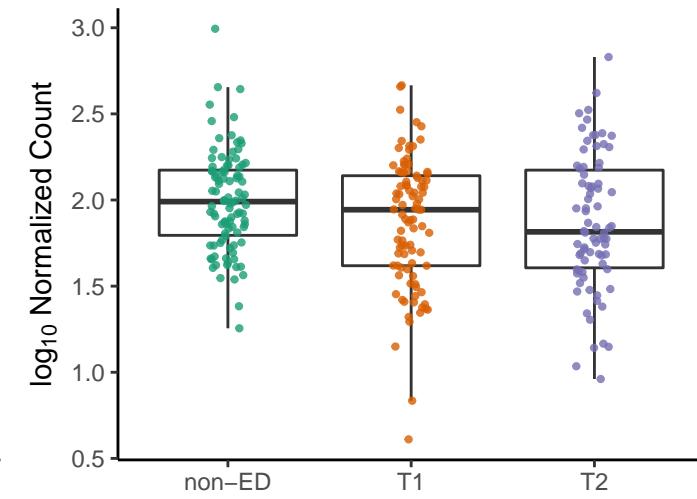
### *Colwellia sp. Arc7-D*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.91



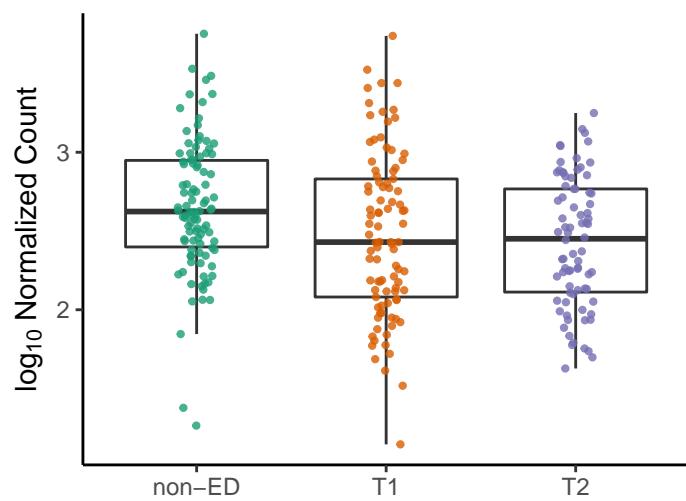
### *Suicoccus acidiformans*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.94



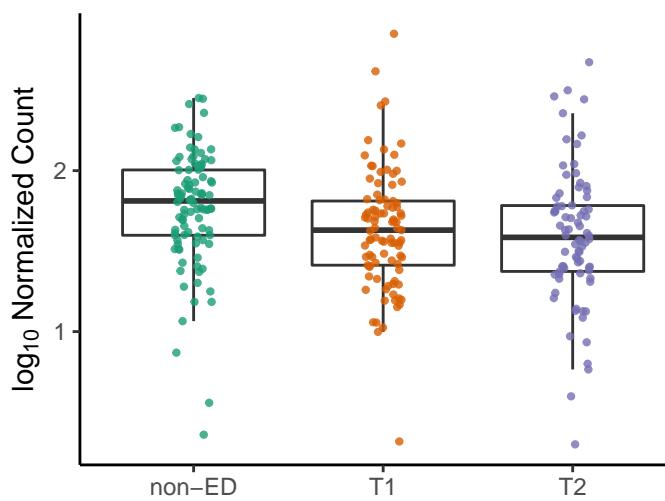
### Unclassified Peptostreptococcaceae Fan

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



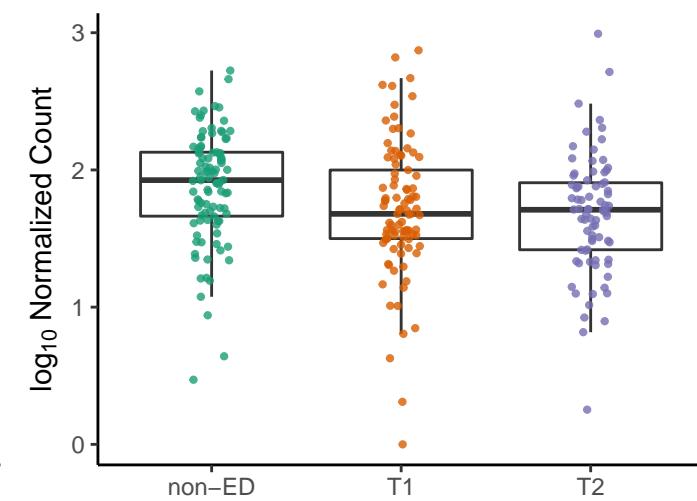
### *Corynebacterium stationis*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



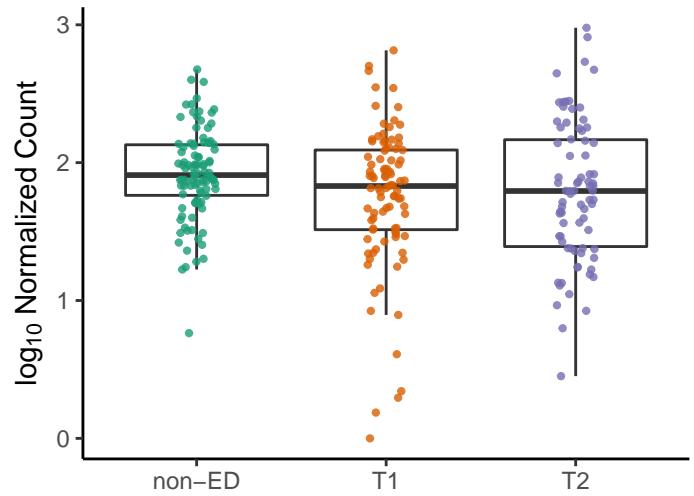
### *Streptococcus constellatus*

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



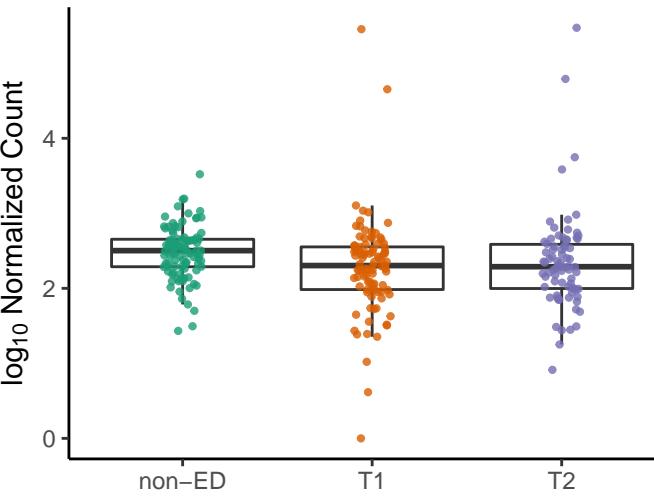
### *Streptomyces alboniger*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.77



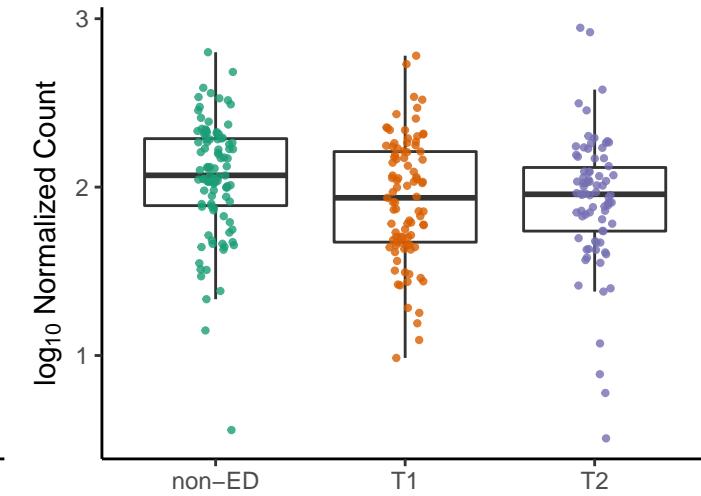
### *Cryptobacterium curtum*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.72



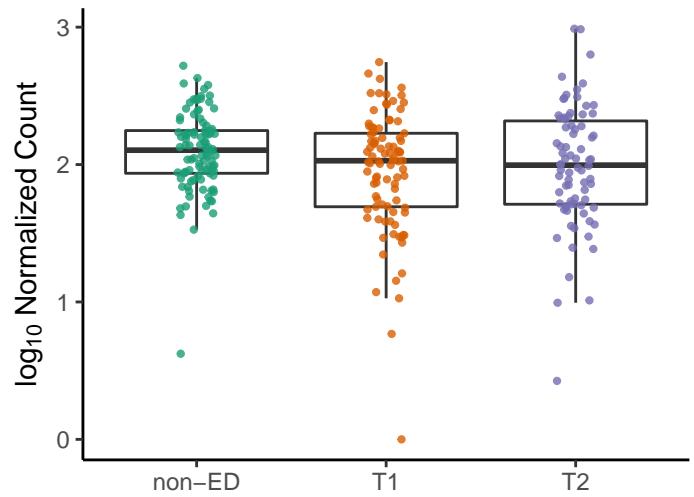
### *Jeotgalicoccus saudimassiliensis*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.96



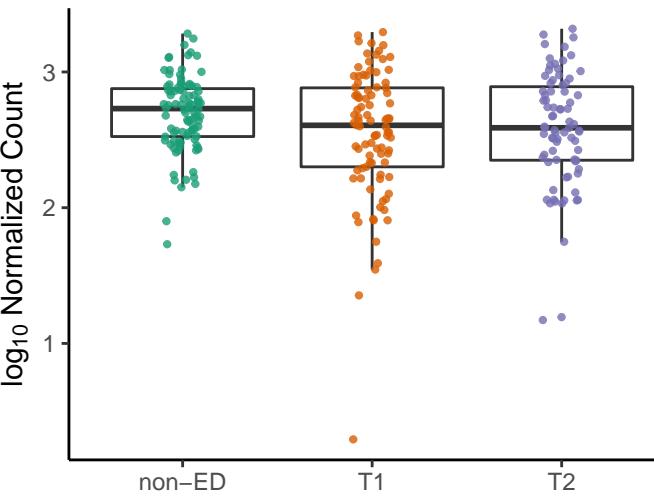
### *Microlunatus sp. KUDC0627*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.67



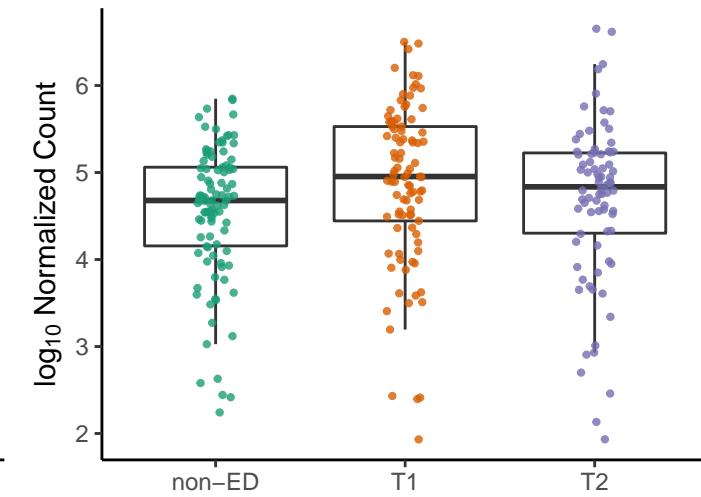
### *Achromobacter xylosoxidans*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.75



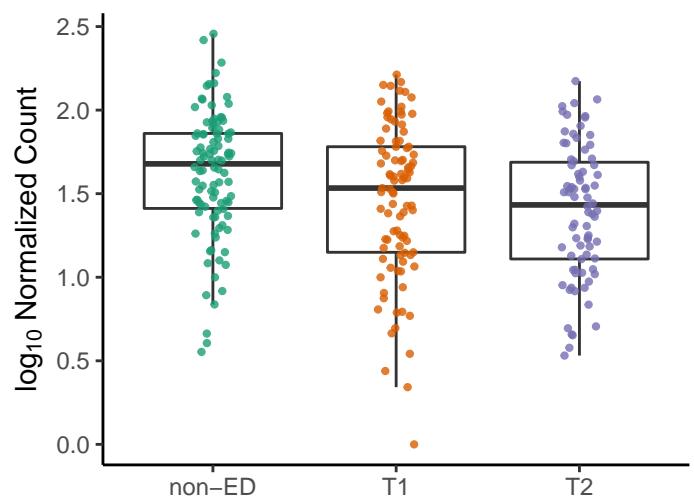
### *Bacteroides thetaiotaomicron*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.47  
 T1 vs. T2 adjusted p = 0.4



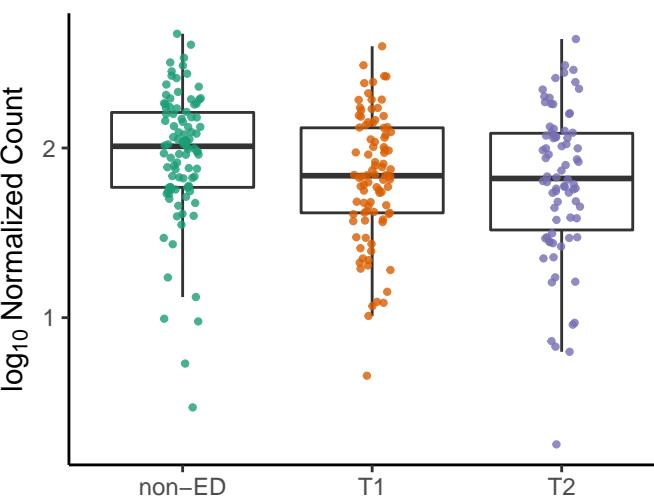
### *Campylobacter insulaenigrae*

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



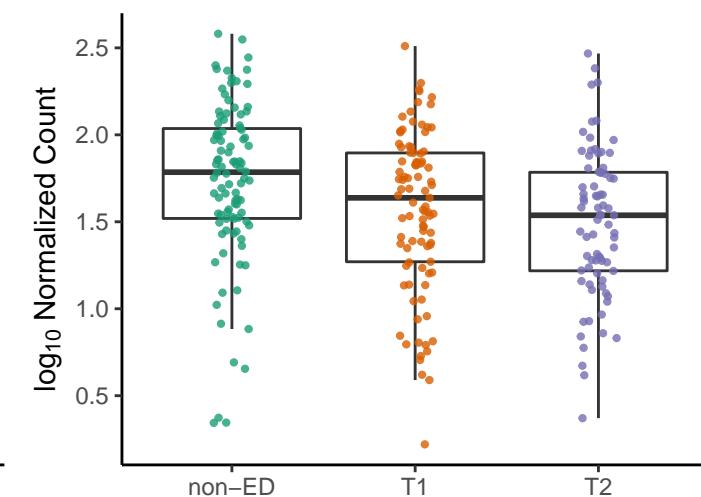
### Unclassified *Bartonella* Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.77



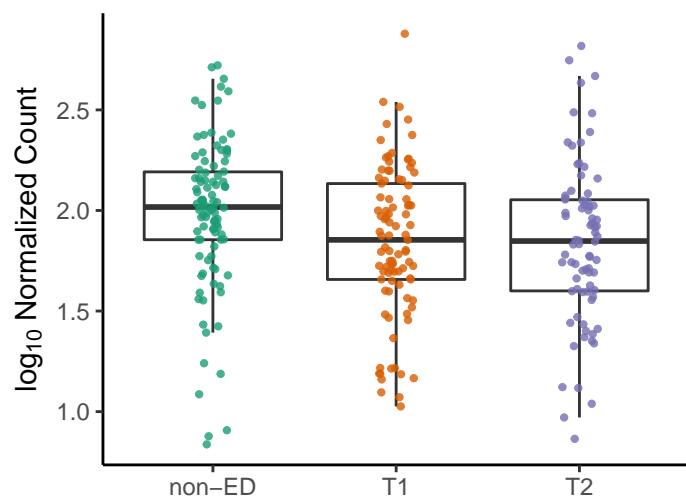
### *Komagataeibacter medellinensis*

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



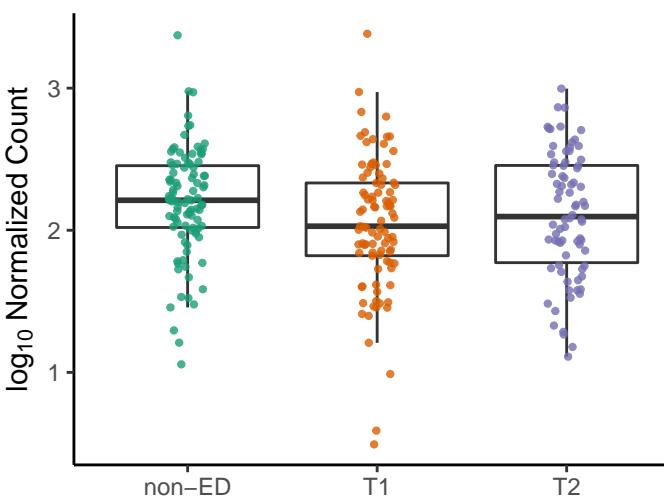
### *Kurthia zopfii*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.95



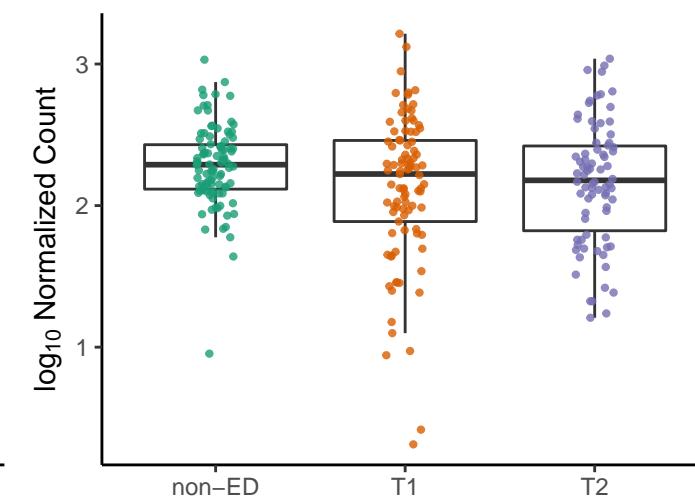
### *Deinococcus maricopensis*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.62



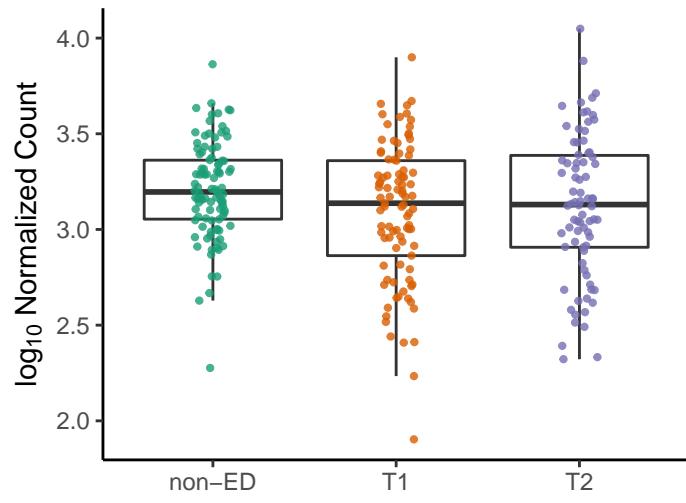
### *Streptosporangium sp. caverna*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.73



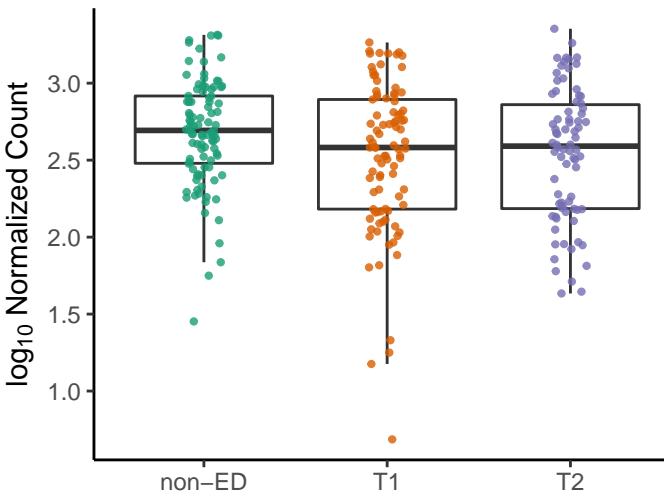
### Unclassified Burkholderia Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.71



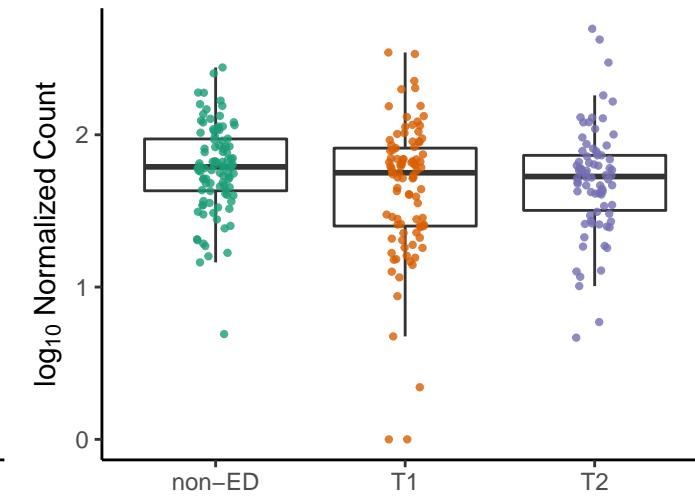
### Unclassified Deinococcus Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.82



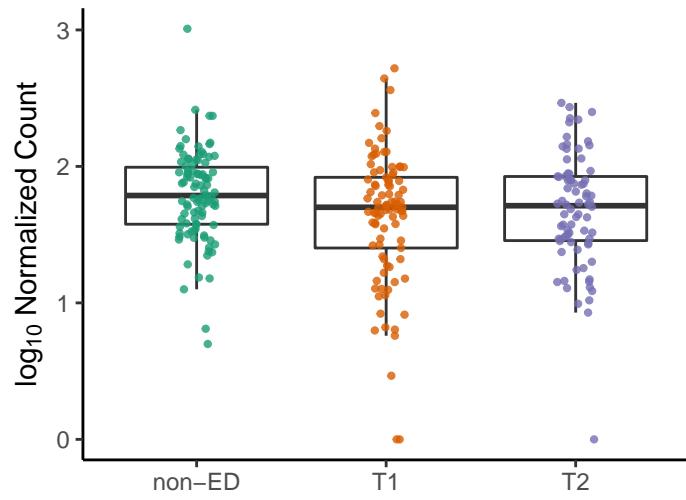
### *Marinobacter sp. Arc7-DN-1*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.68



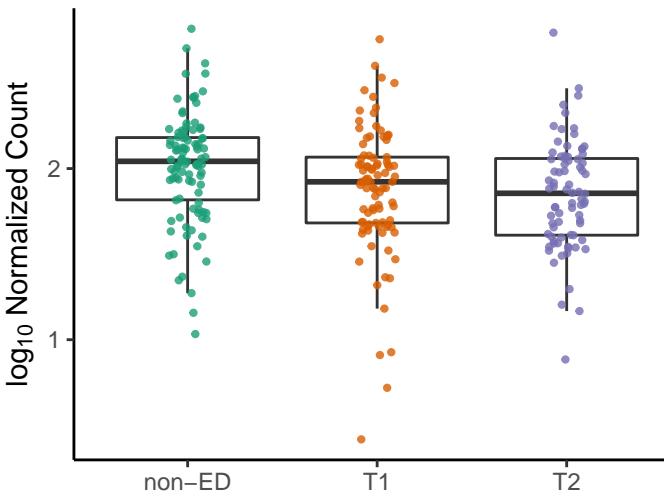
### *Pseudomonas sp. CMR5c*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.71



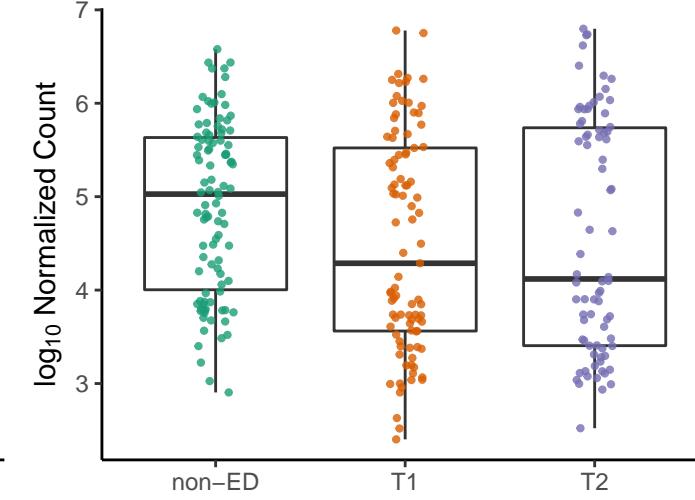
### *Listeria grayi*

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



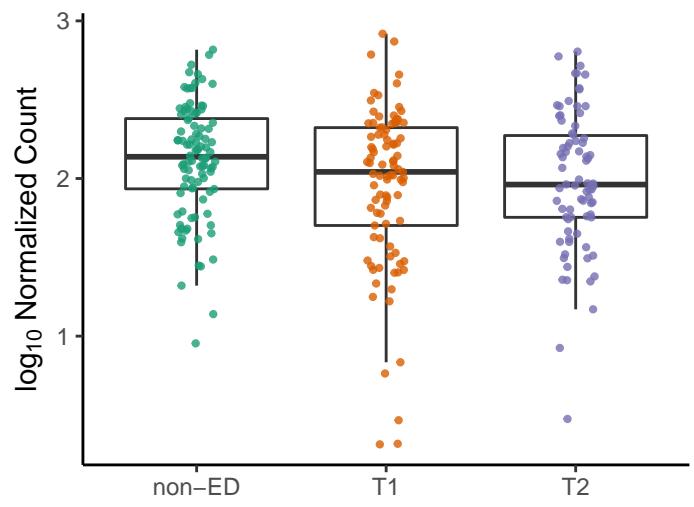
### *Bifidobacterium longum*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.77



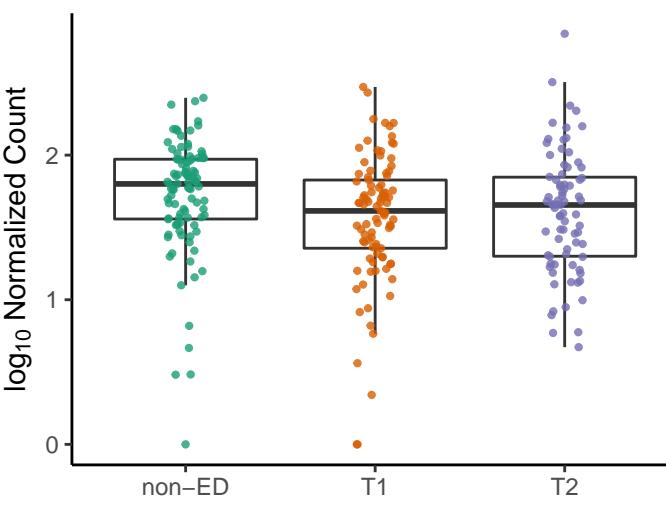
### *Devosia* sp. A16

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.73



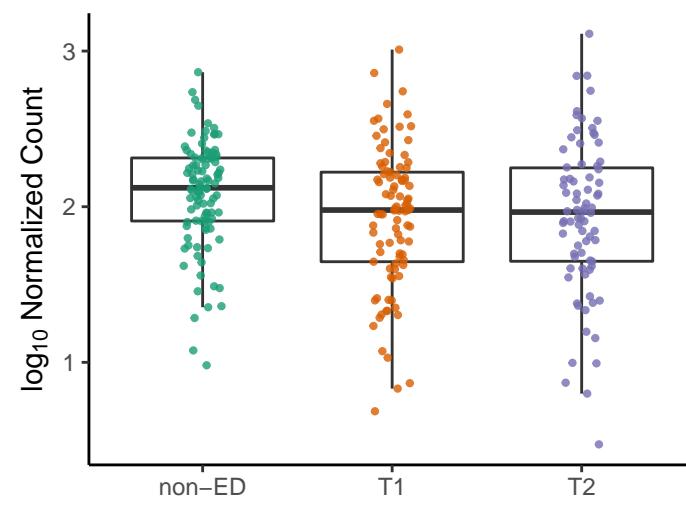
### *Legionella fallonii*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.84



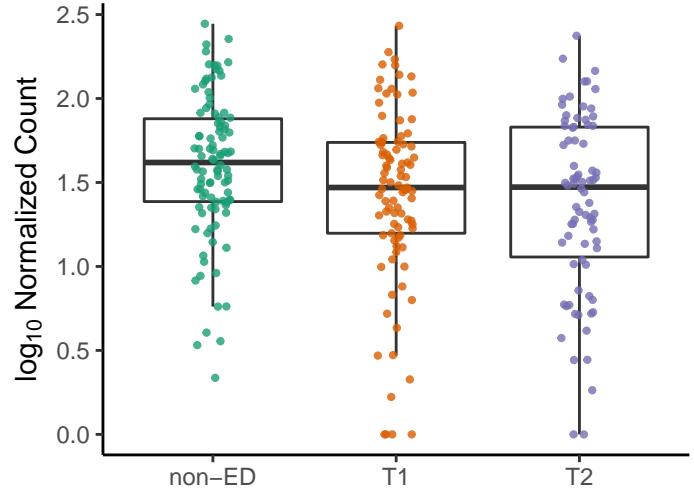
### *Arthrobacter dokdonellae*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.87



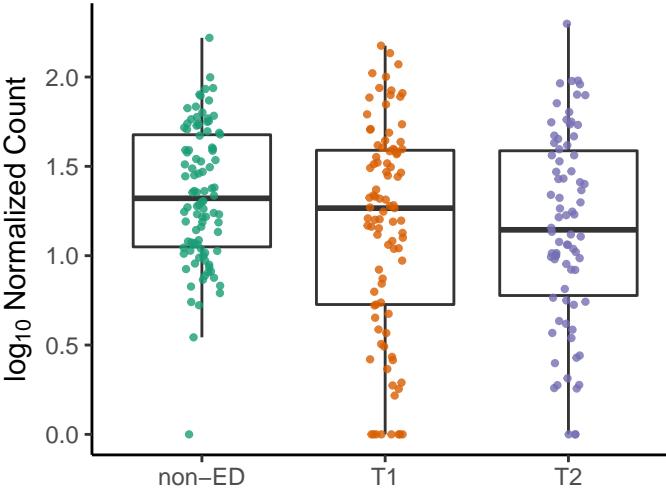
### Unclassified Oscillibacter Genus

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.89



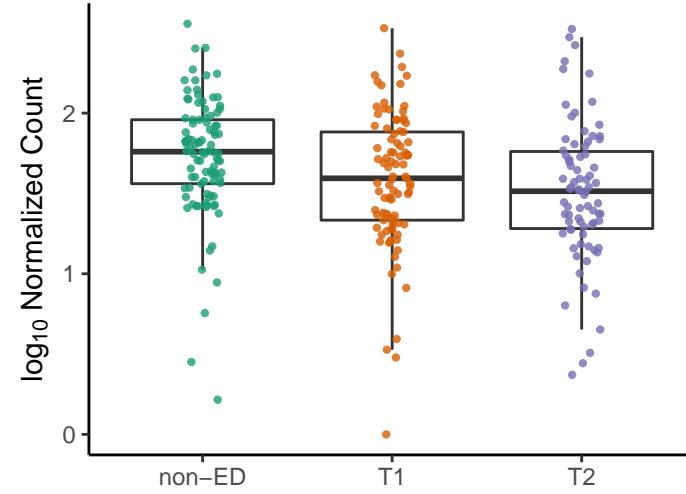
### Unclassified Streptosporangiales Order

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.79



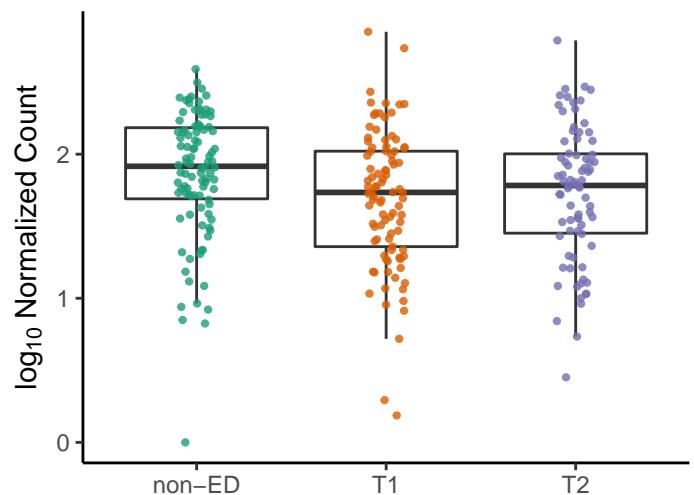
### *Weissella jogaejeotgali*

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



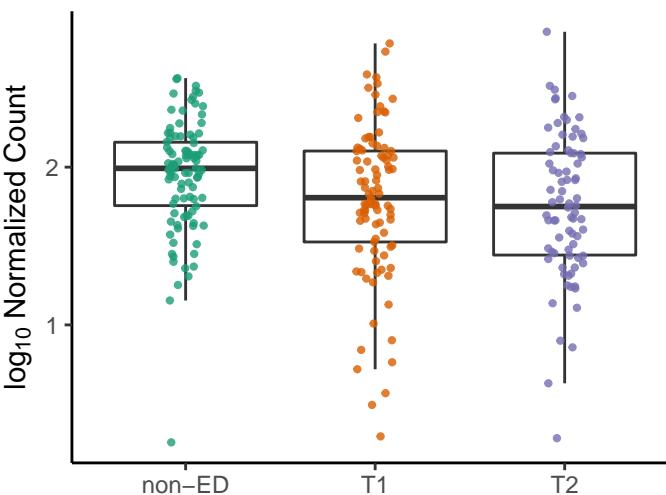
### *Salinispora tropica*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.71



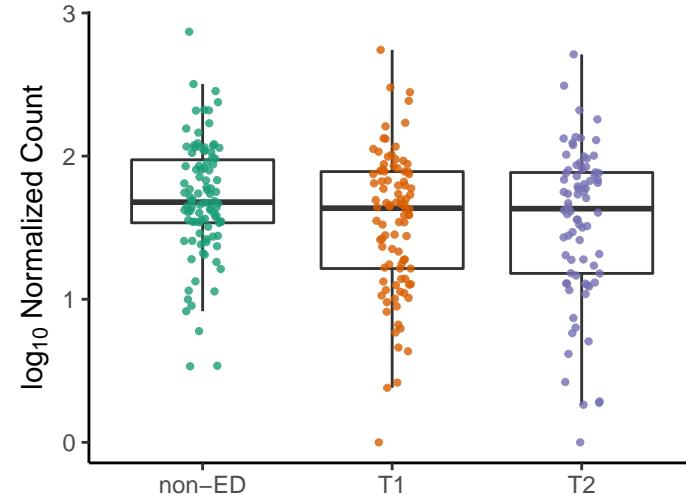
### *Lichenhabitans psoromatis*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 1



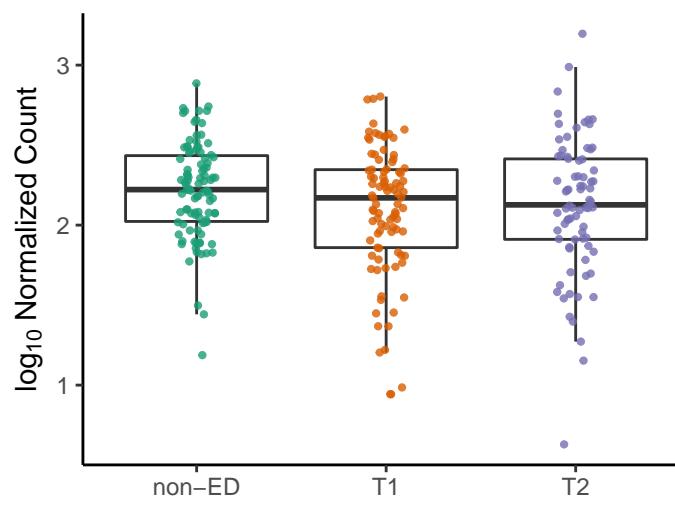
### *Erythrobacter* sp. KY5

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.8



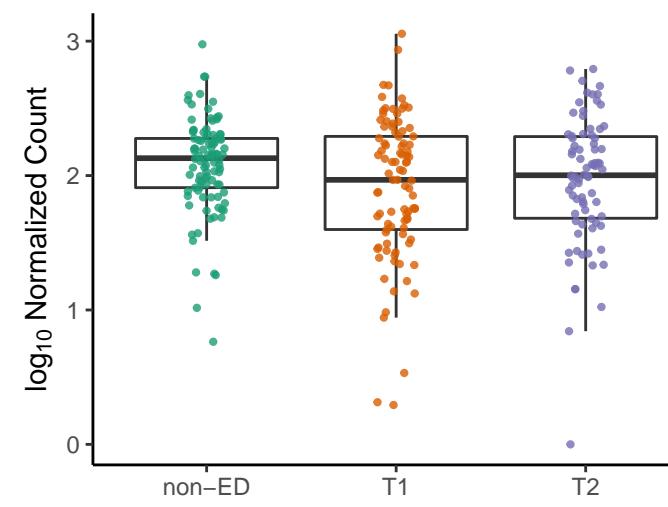
### *Actinomyces qiguomingii*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.68



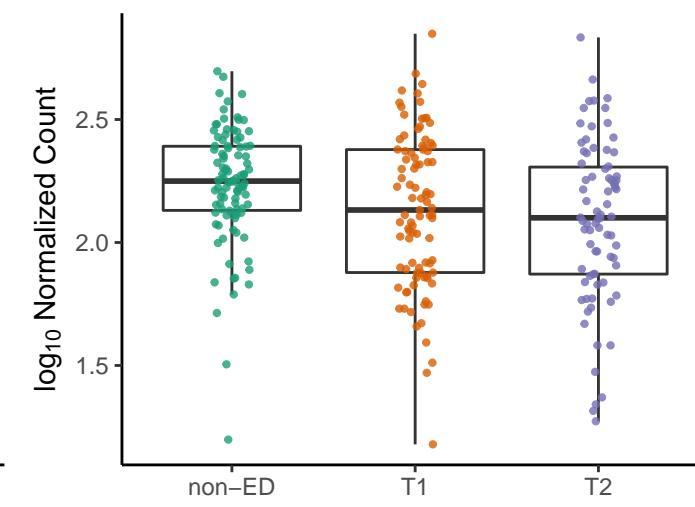
### *Caulobacter* sp. Ji-3-8

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.7



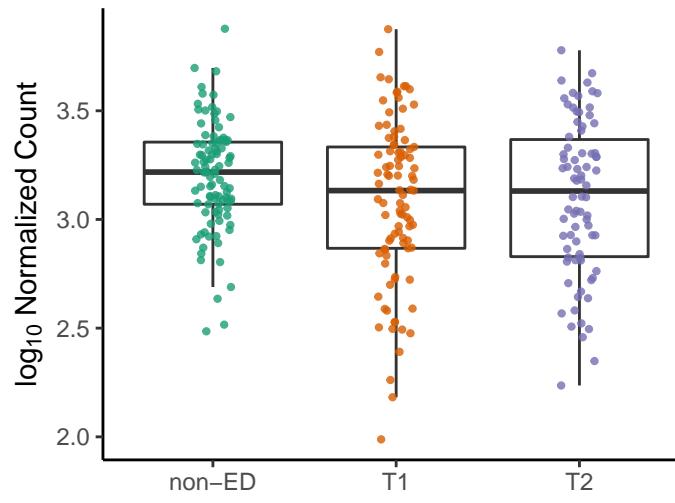
### *Fictibacillus arsenicus*

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



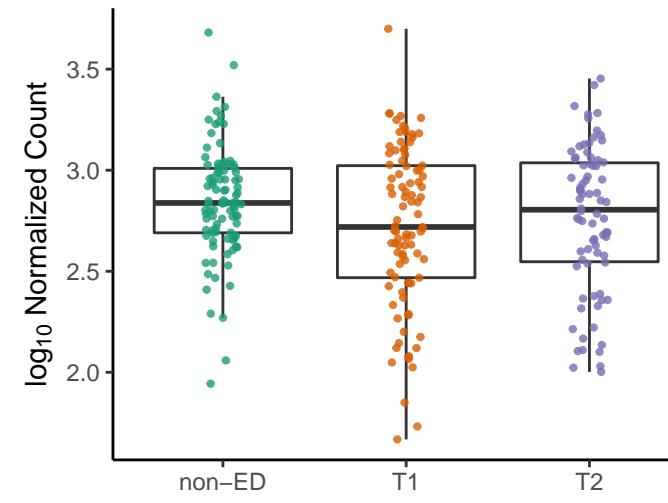
### Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.76



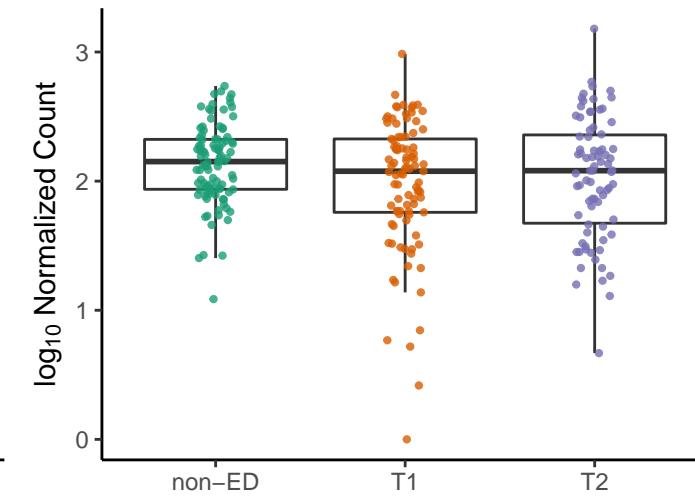
### Unclassified Mycobacterium Genus

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.67



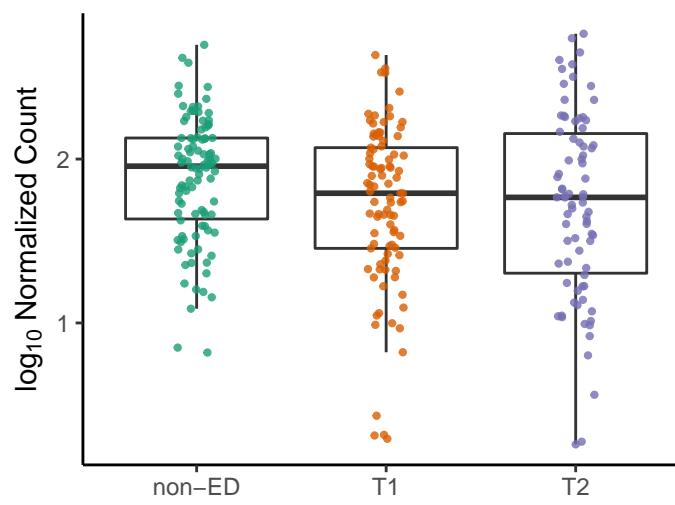
### *Caulobacter mirabilis*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.67



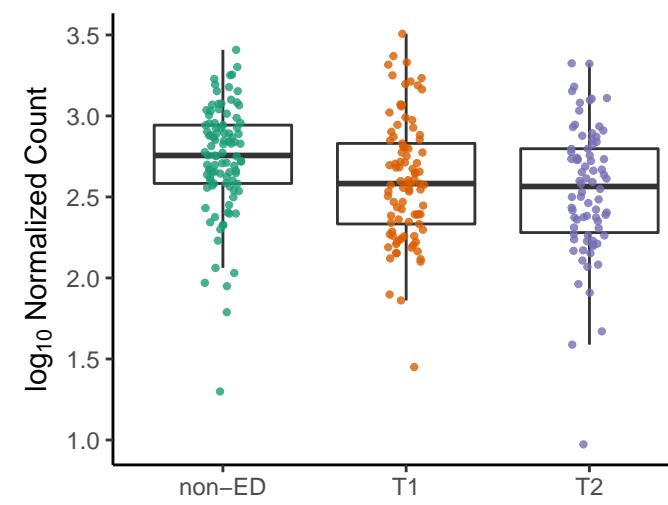
### *Nocardioides euryhalodurans*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.82



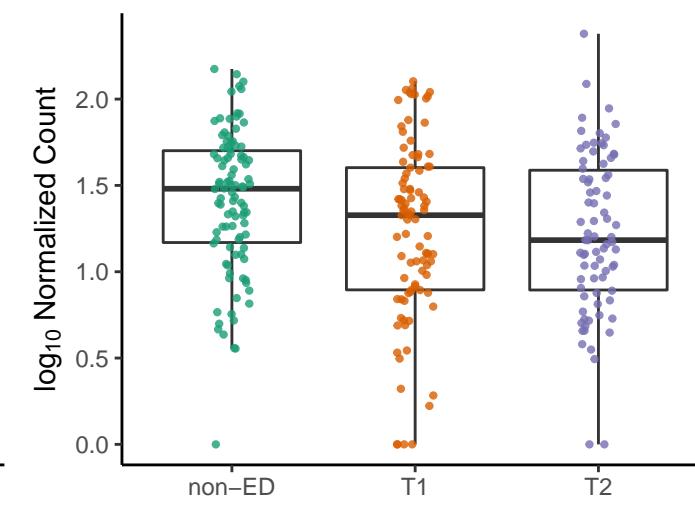
### *Clostridium baratii*

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



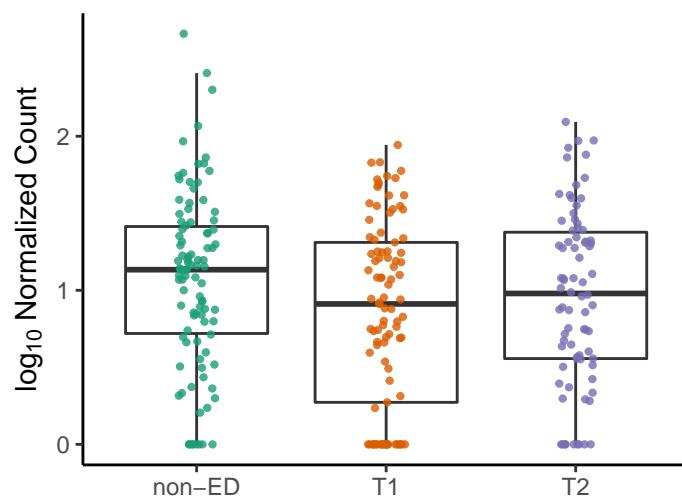
### *Thiomicrosrhabdus aquaedulcis*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.9



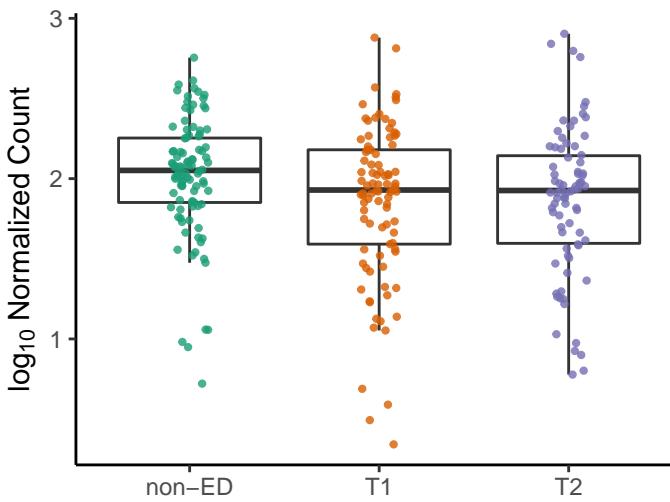
### Unclassified Thalassospira Genus

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.62



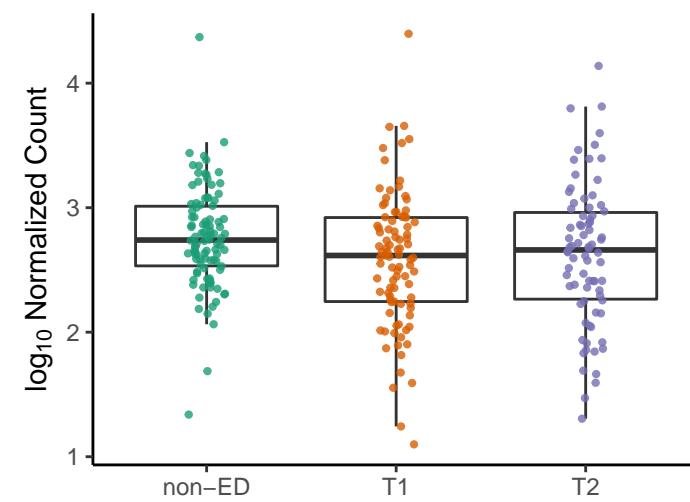
### Unclassified Polaromonas Genus

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.91



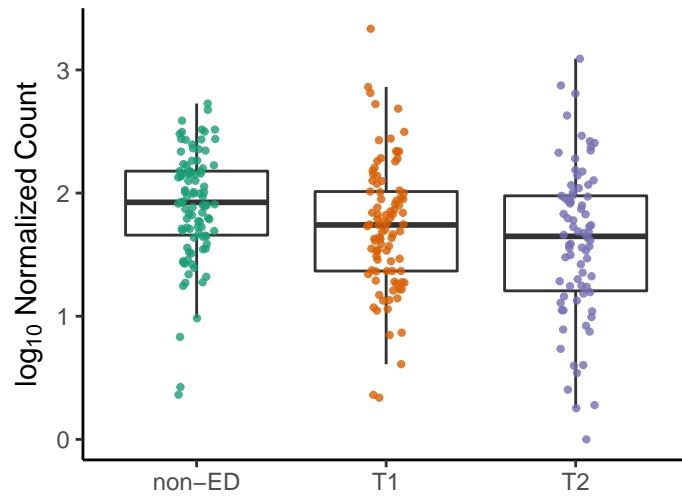
### Coriobacterium glomerans

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.73



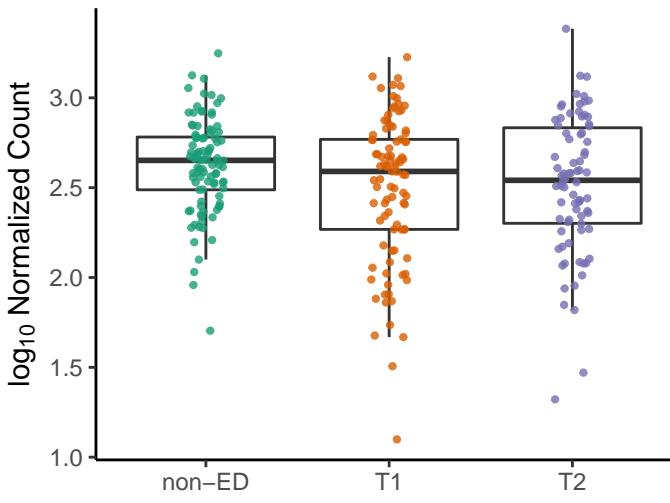
### Streptococcus pseudopneumoniae

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



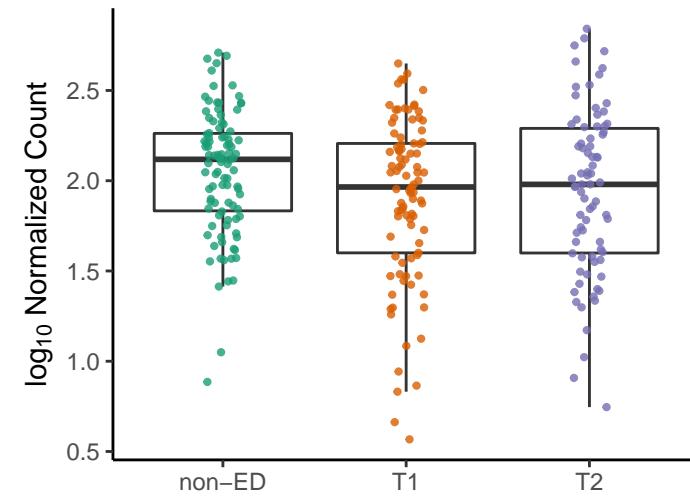
### Tumbacillus avium

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.77



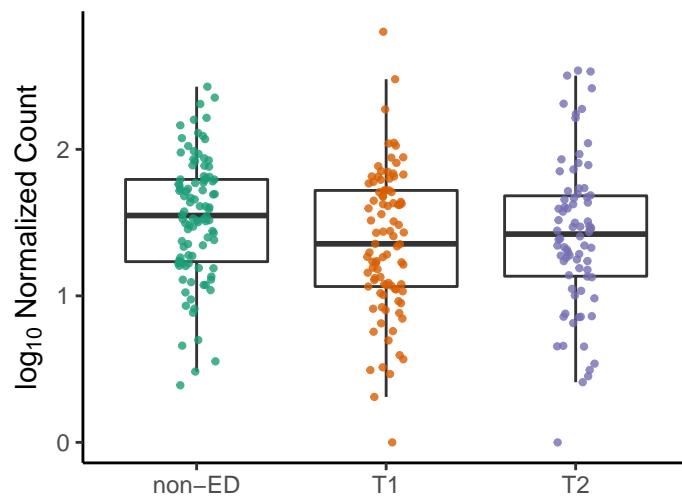
### Mycolicibacterium vanbaalenii

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.73



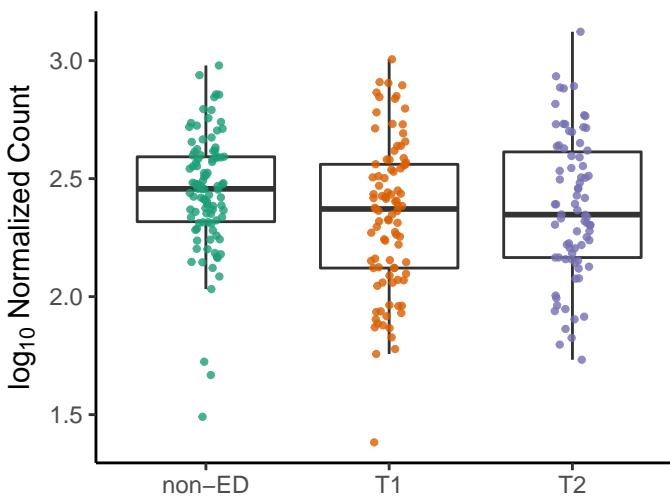
### Ochrobactrum pituitosum

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.75



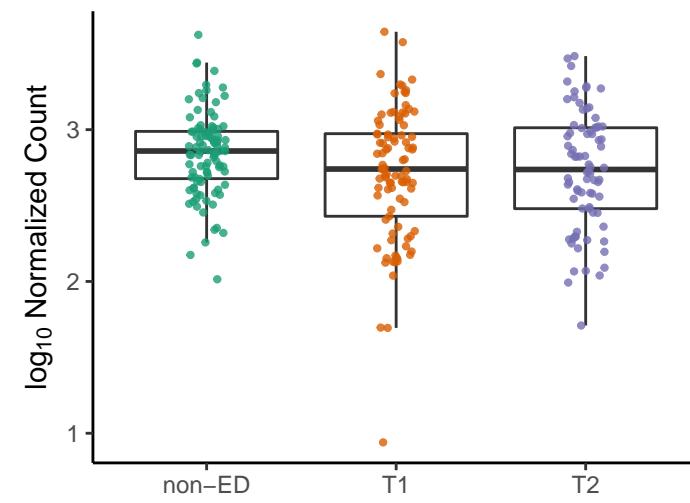
### Paenibacillus sp. BIHB4019

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.67



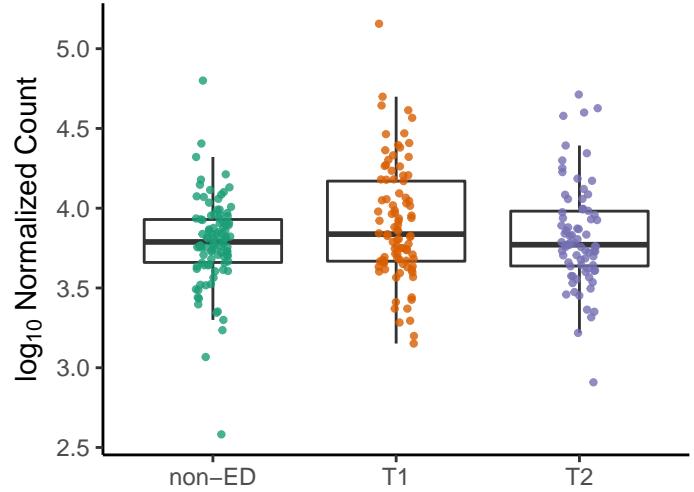
### Cupriavidus taiwanensis

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.73



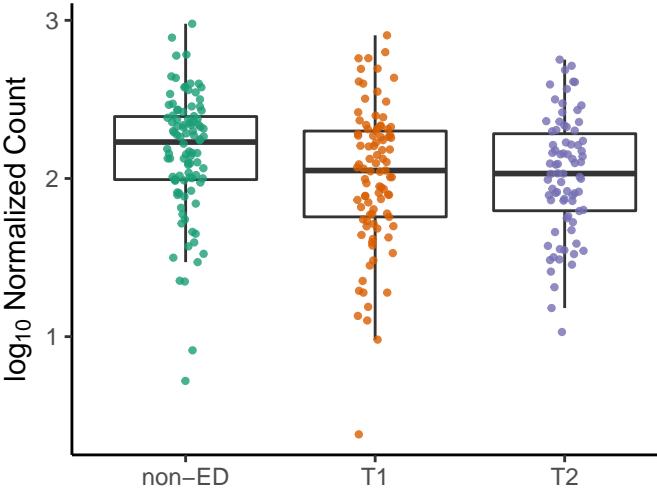
### [Clostridium] hylemonae

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.52  
T1 vs. T2 adjusted p = 0.66



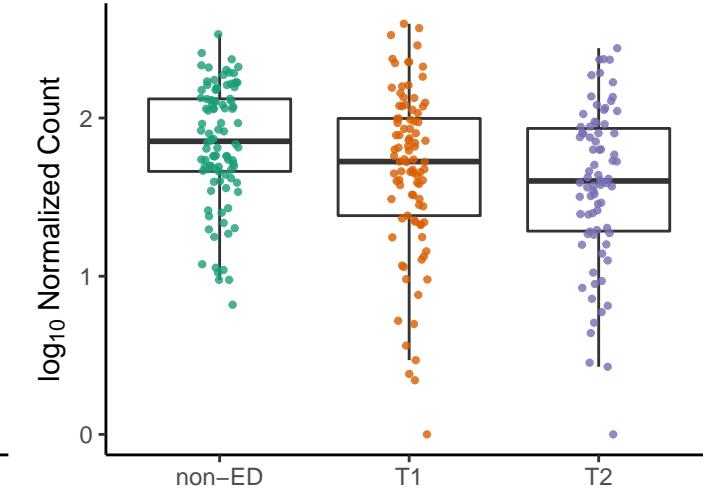
### Massilia putida

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.8



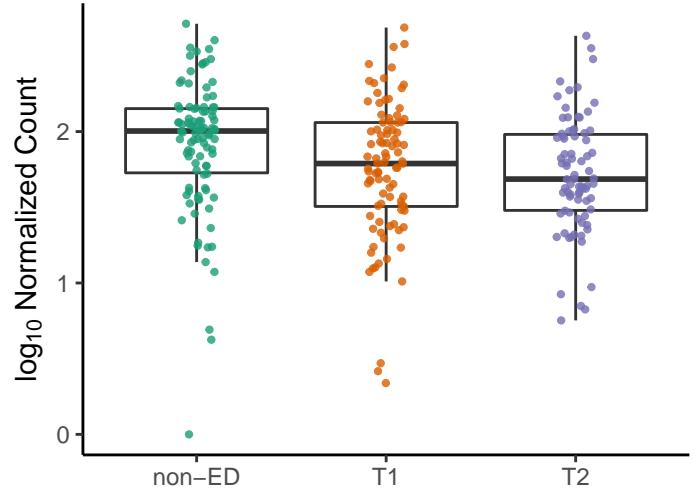
### Corynebacterium testudinoris

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



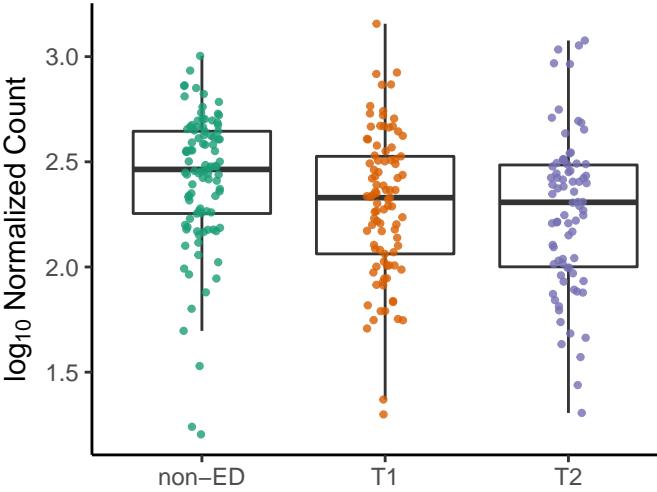
### Campylobacter sputorum

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



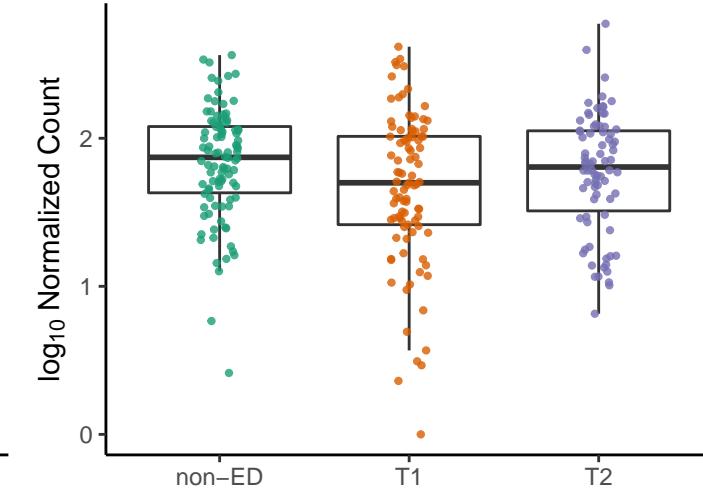
### Halocella sp. SP3-1

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



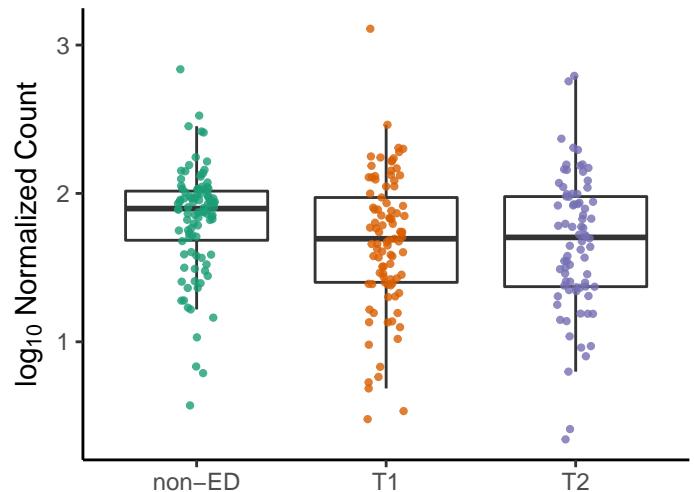
### Thioalkalivibrio nitratireducens

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.35  
T1 vs. T2 adjusted p = 0.57



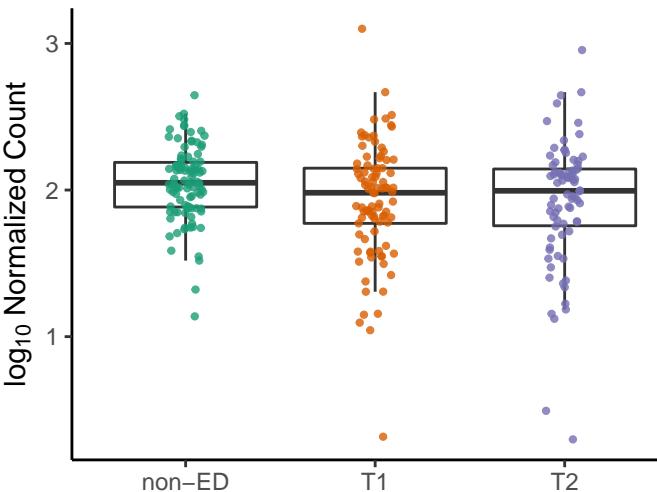
### Dictyoglomus thermophilum

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.94



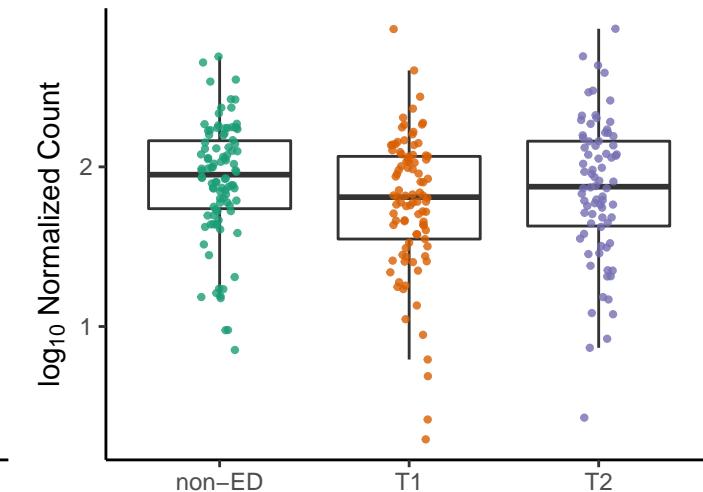
### Planococcus sp. MB-3u-03

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.99



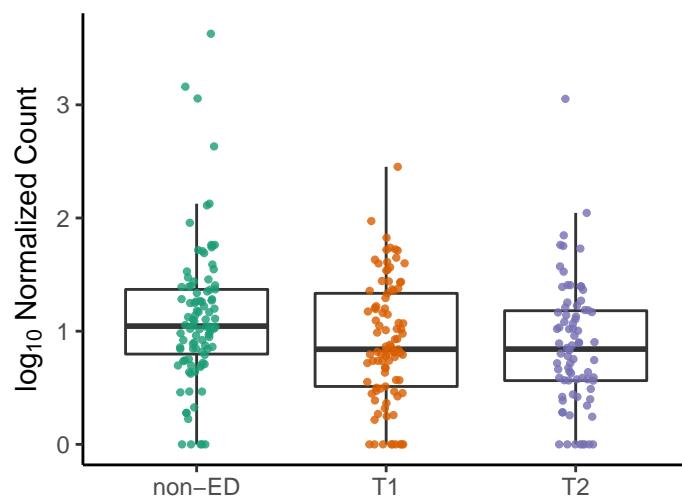
### Pseudomonas xinjiangensis

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.47  
T1 vs. T2 adjusted p = 0.54



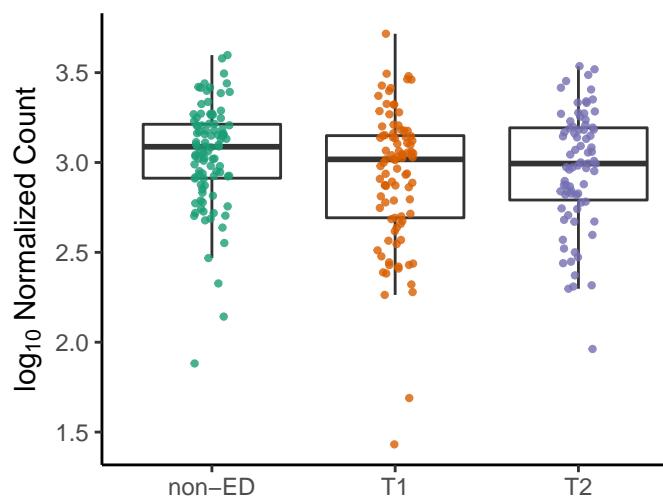
### *Mycoplasma flocculare*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



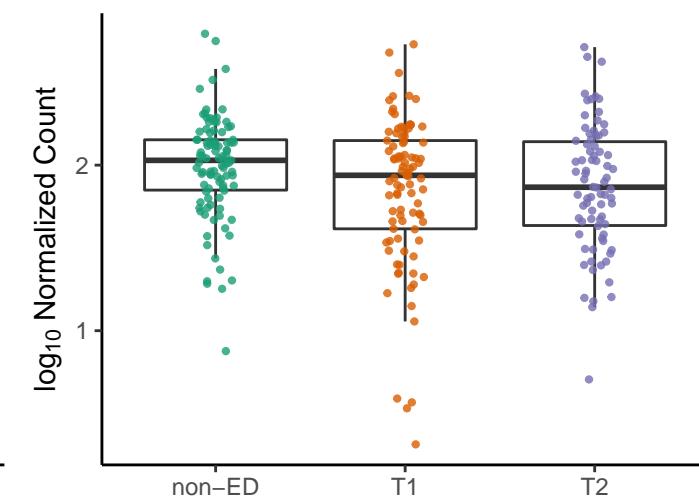
### *Acidaminococcus fermentans*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.66



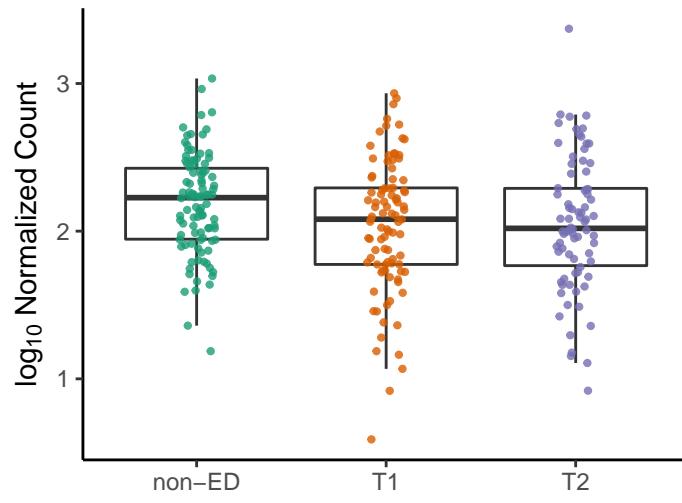
### *Desulfohalobium retbaense*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.87



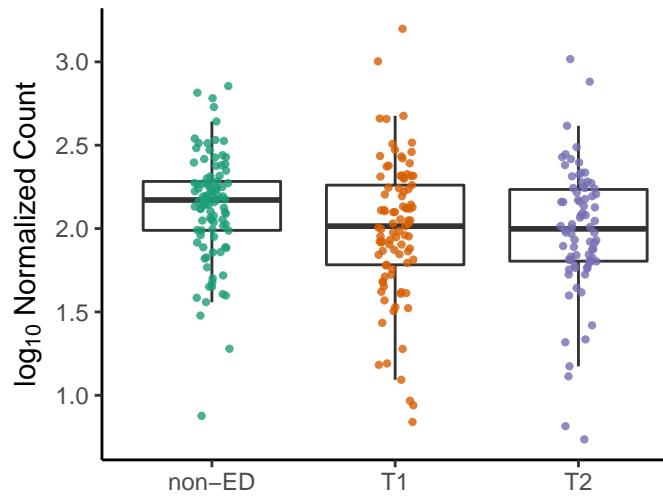
### *Actinomyces radicidentis*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.78



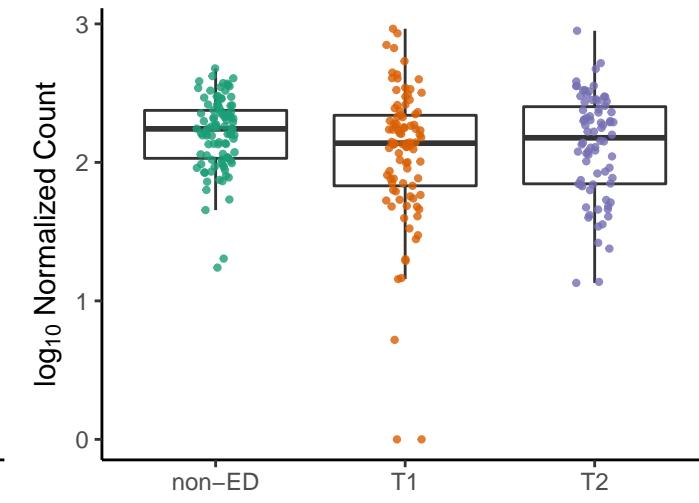
### *Denitrovibrio acetiphilus*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.98



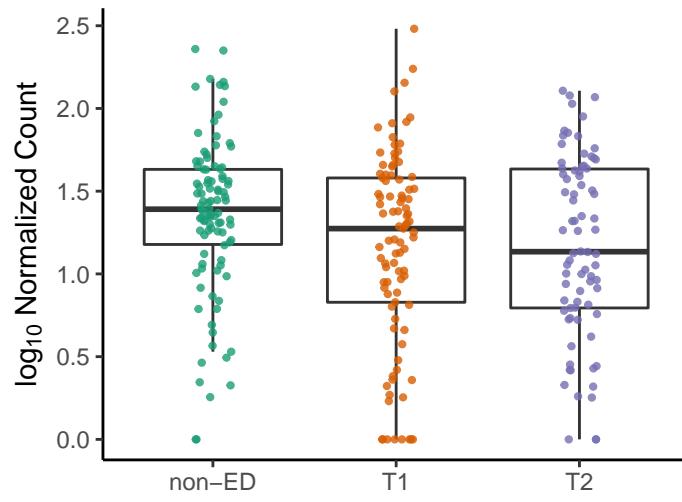
### *Aeromonas schubertii*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.67



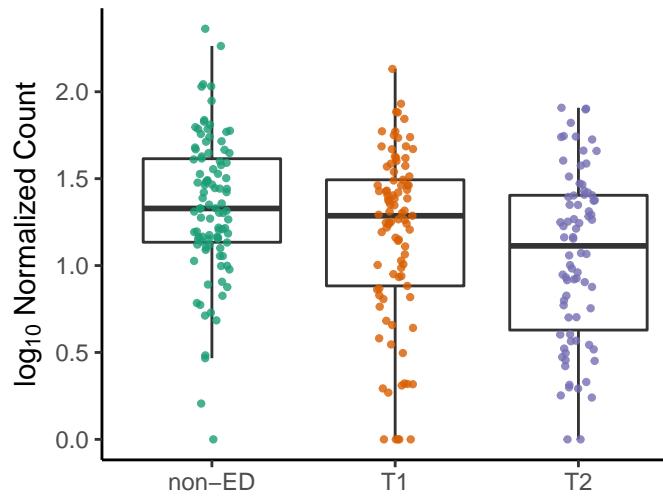
### *Azoarcus sp. BH72*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.88



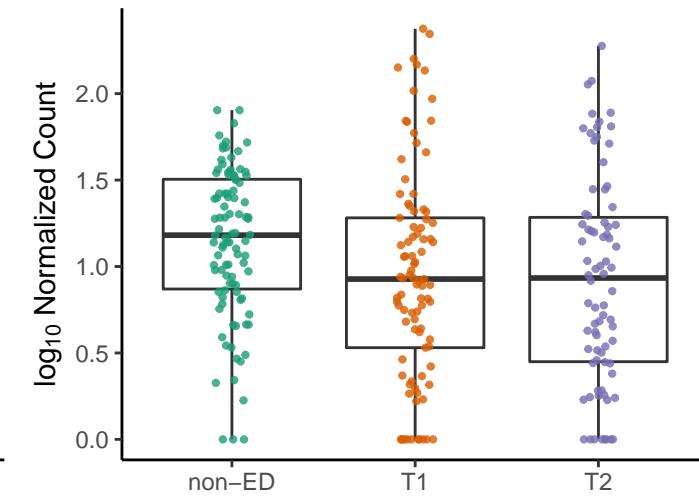
### *Sulfolobus sp. A20*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.66



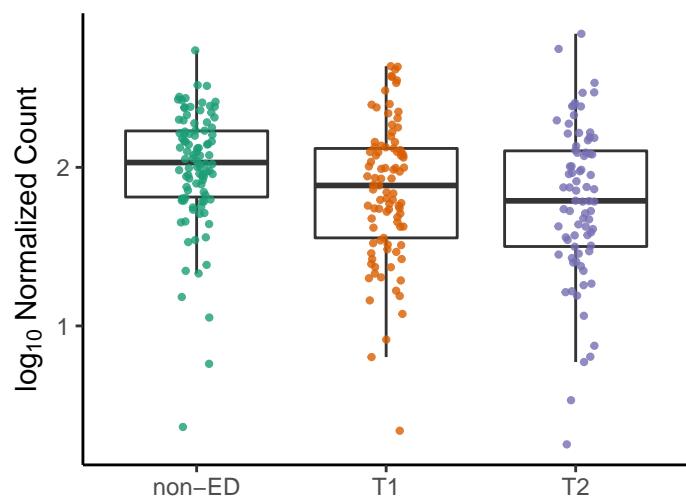
### *Chlamydia felis*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.79



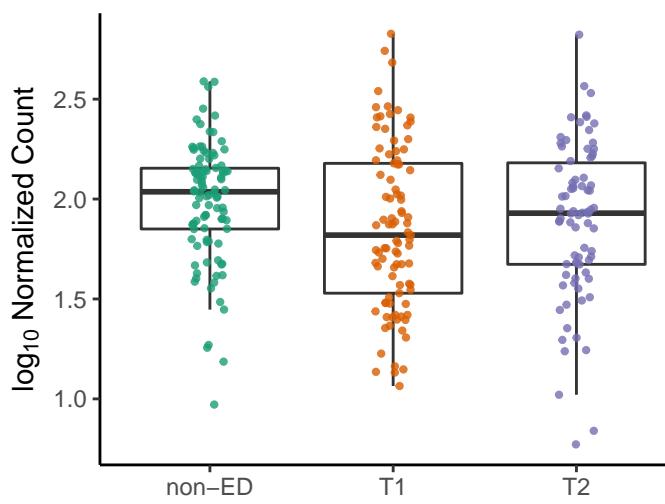
### *Thermoanaerobacter kivui*

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



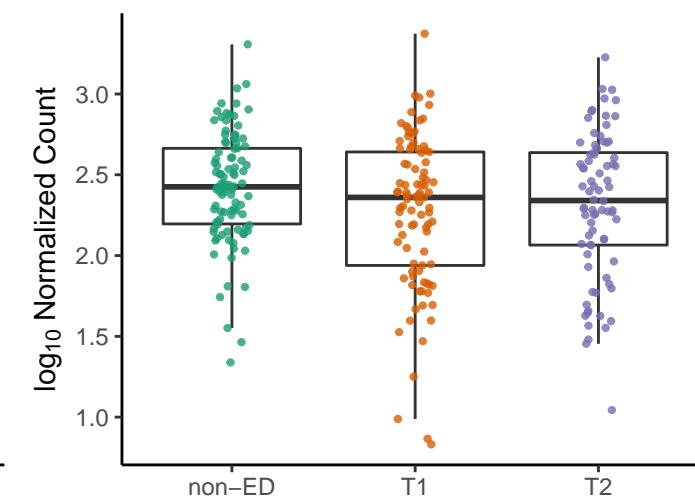
### *Fervidobacterium pennivorans*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.83



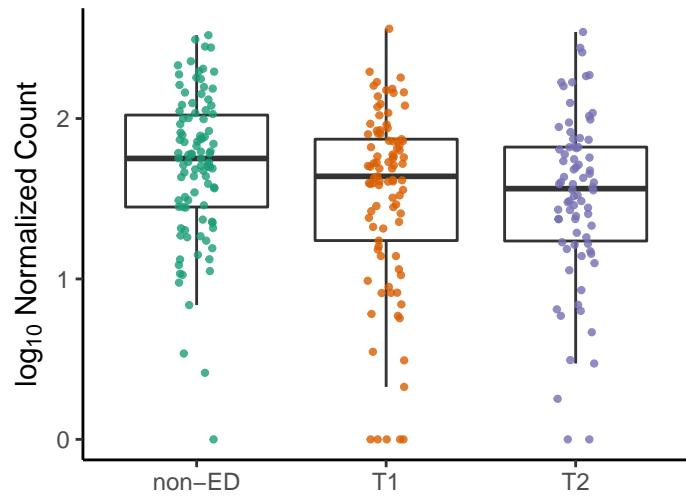
### *Gemmatirosa kalamazooonesis*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.71



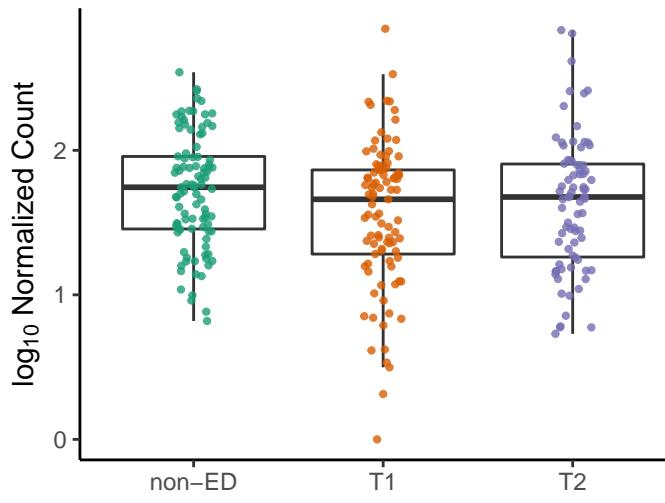
### *Mesorhizobium* sp. AA22

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



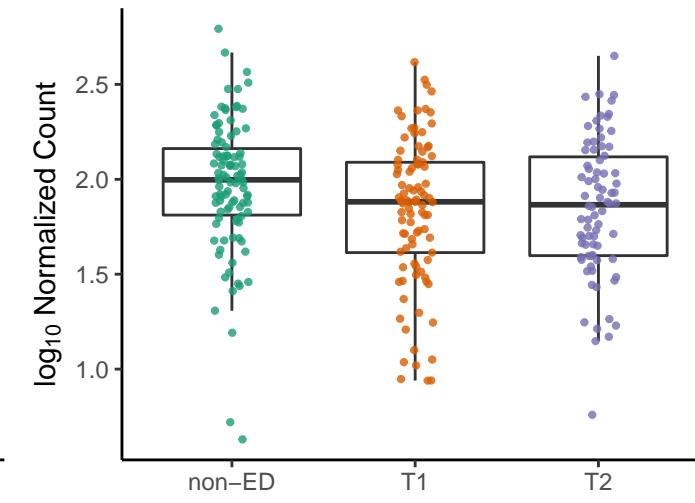
### *Curtobacterium* sp. MR\_MD2014

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.68



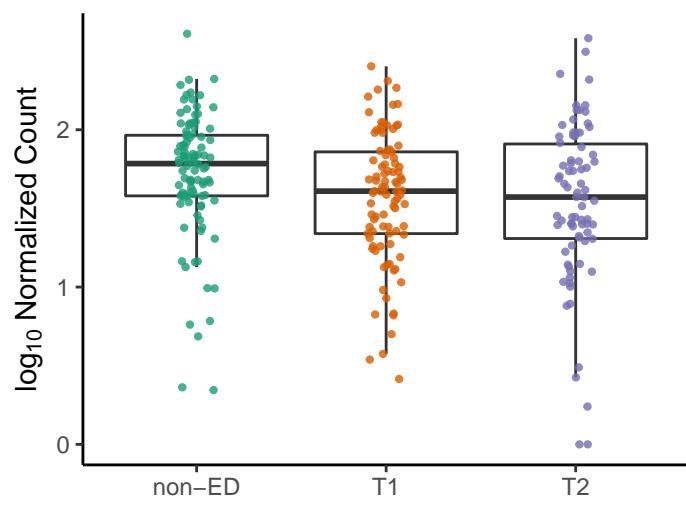
### *Moorea producens*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.97



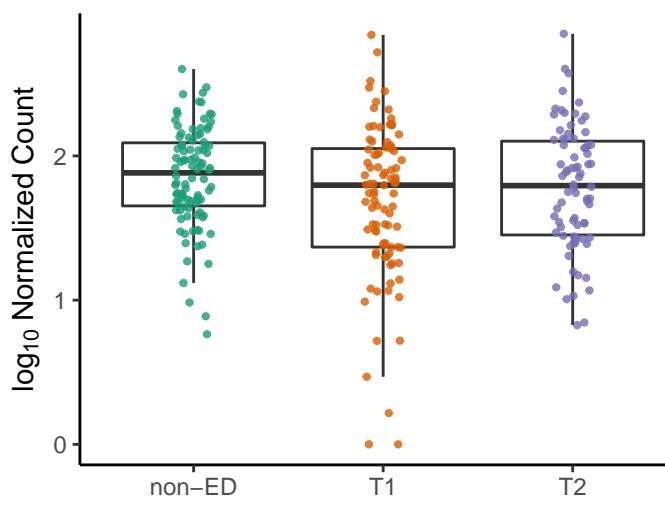
### Unclassified *Actinobacillus* Genus

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.91



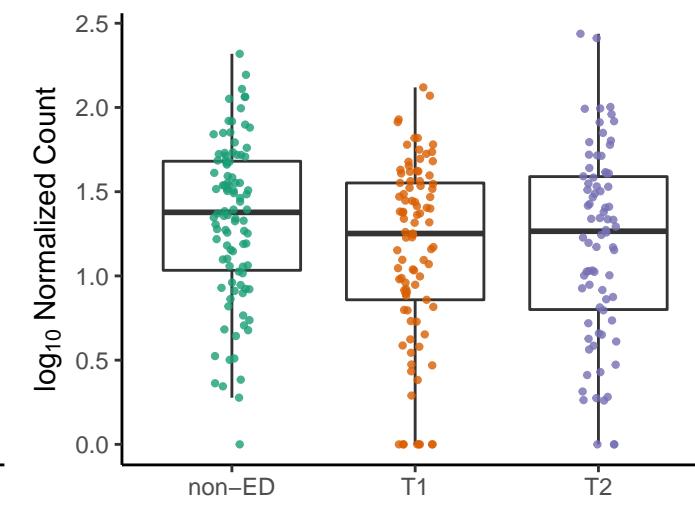
### *Methylocella tundrae*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.34  
 T1 vs. T2 adjusted p = 0.5



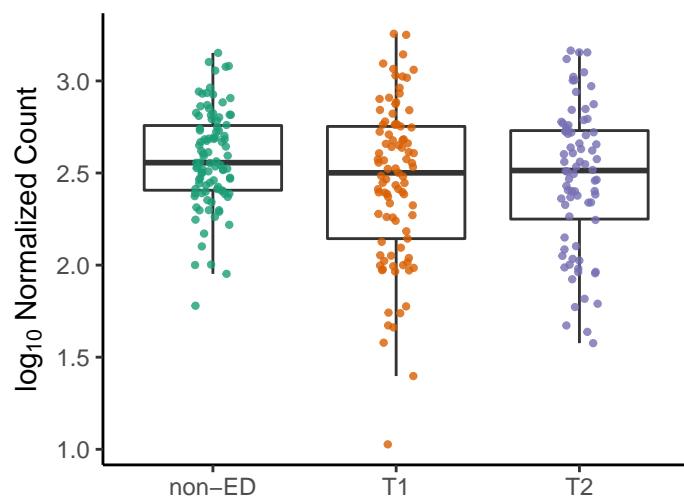
### Unclassified *Sterolibacteriaceae* Family

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.77



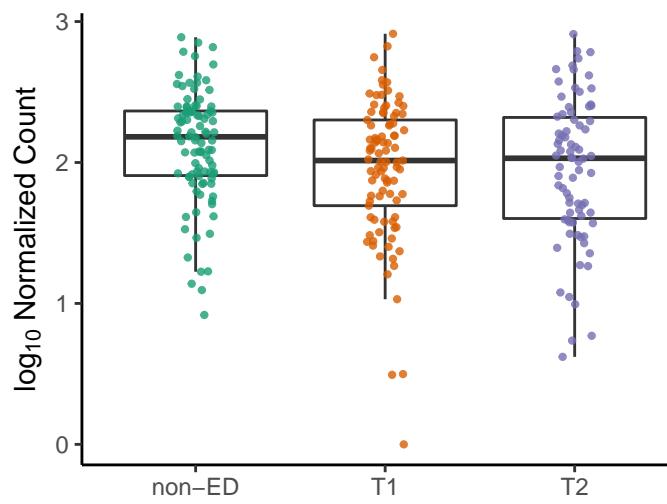
### Unclassified Streptomycetaceae Family

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.7



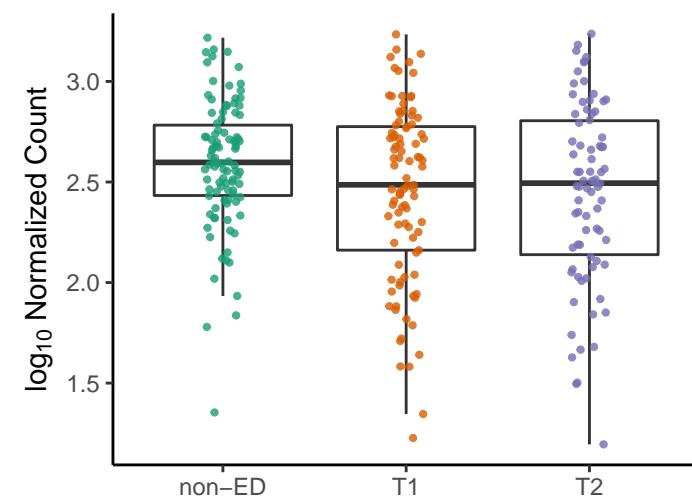
### Phreatobacter stygius

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.88



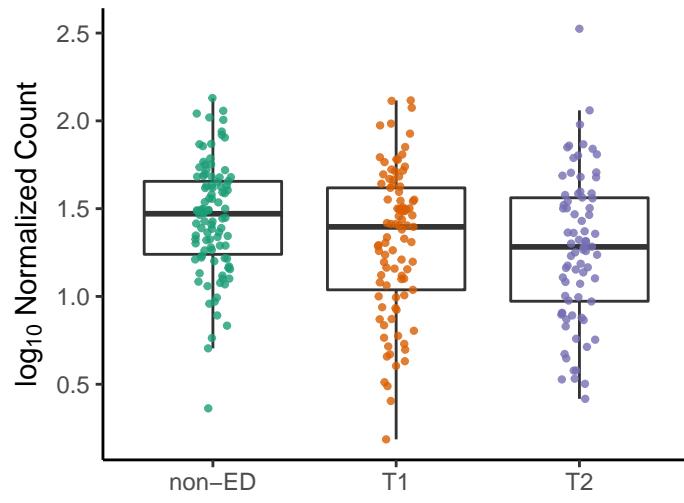
### Unclassified Sphingobium Genus

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.89



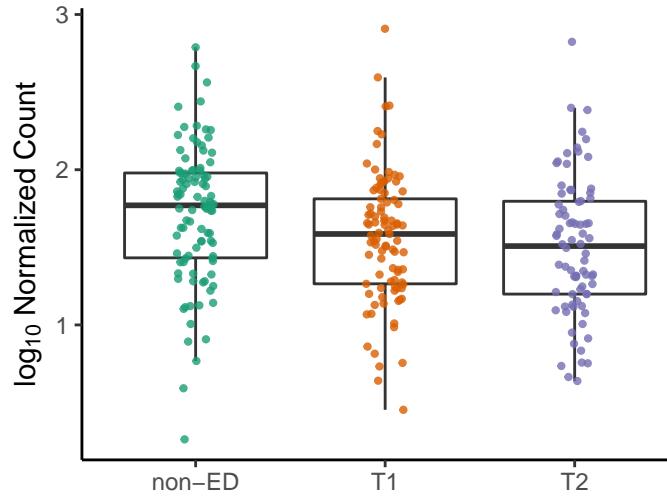
### Acinetobacter sp. LoGeW2-3

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.73



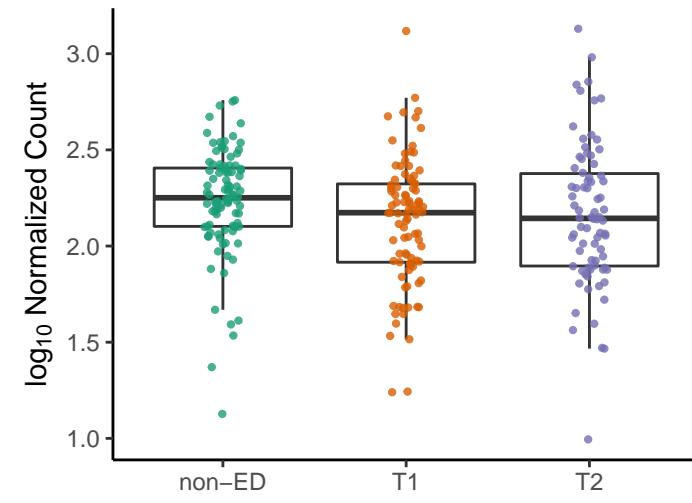
### Nostoc sp. Peltigera membranacea cyan

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



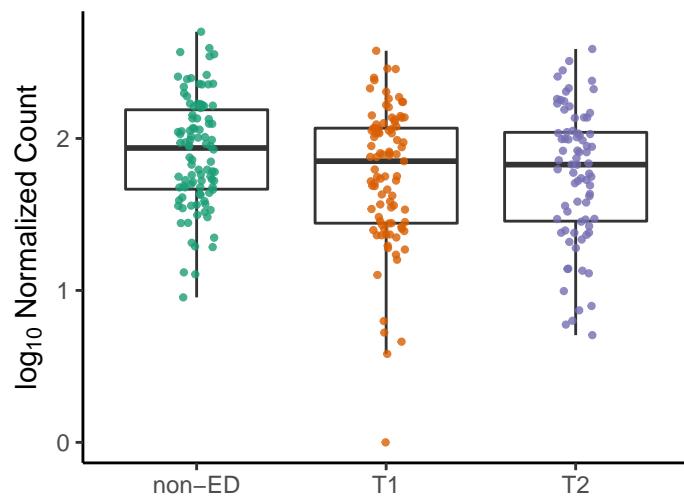
### Salimicrobium jeotgali

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.79



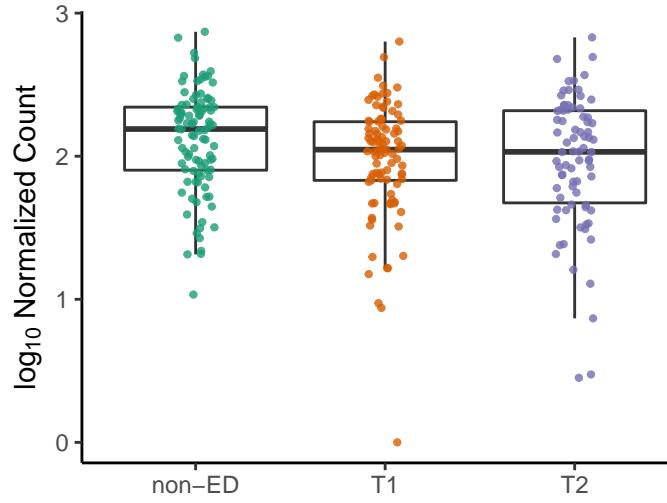
### Neisseria sp. KEM232

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.91



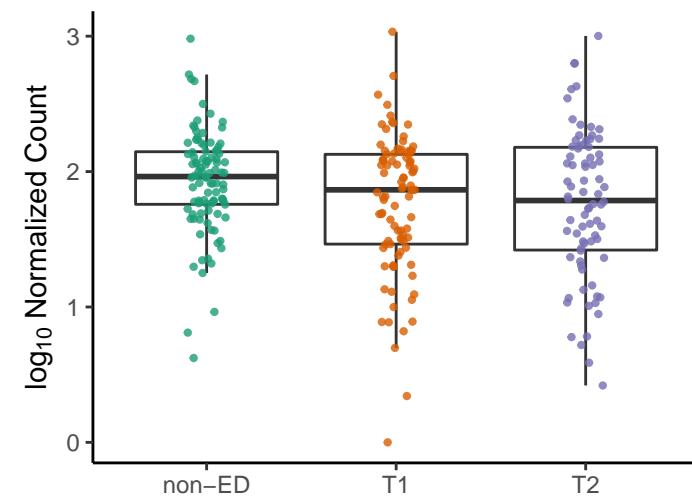
### Bosea sp. Tri-49

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.95



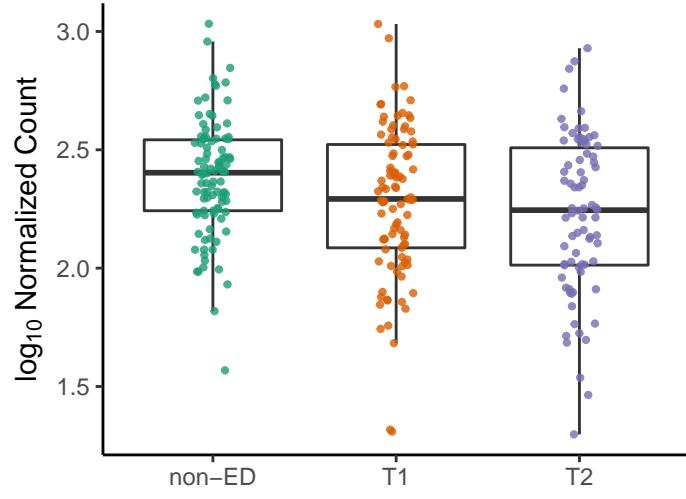
### Mycolicibacterium gilvum

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.88



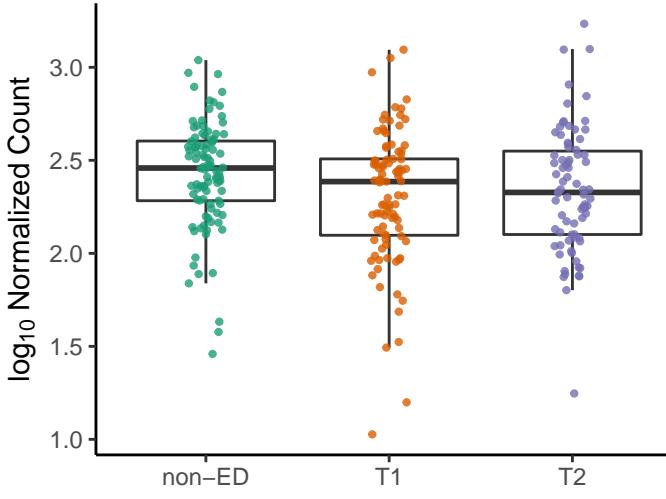
### *Neurospora crassa*

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



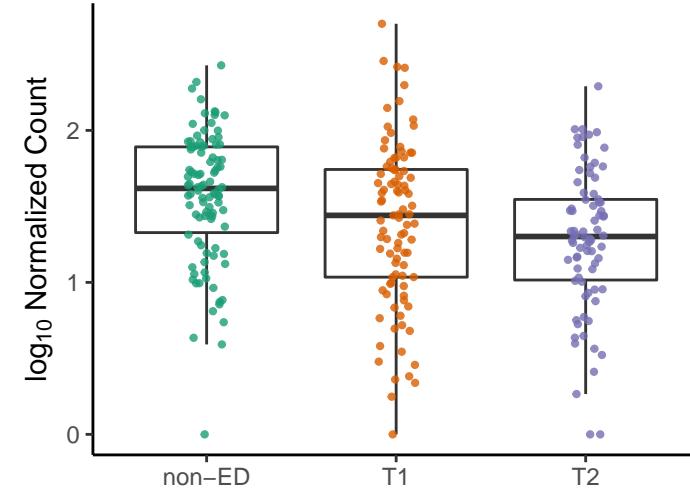
### *Staphylospora marina*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.7



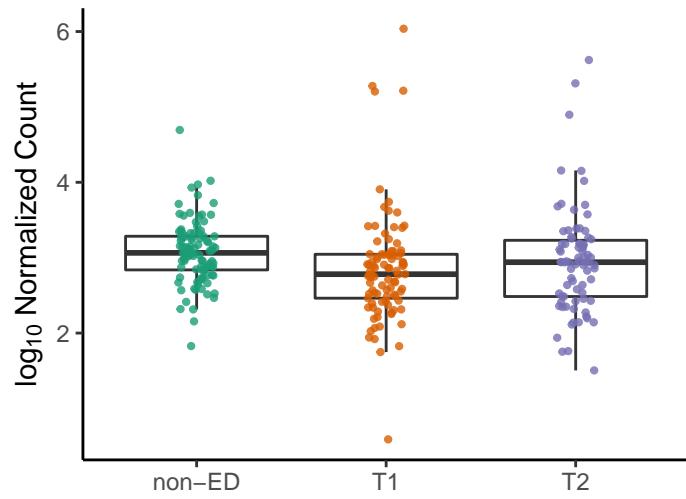
### *Nostoc sp. Lobaria pulmonaria (5183) cy*

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



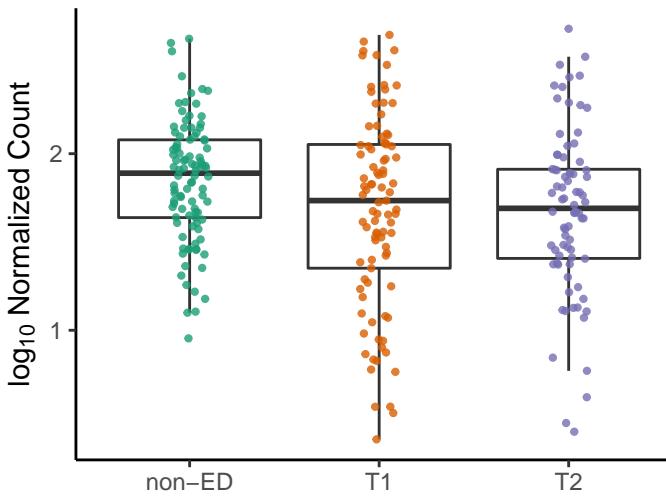
### *Bifidobacterium gallinarum*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.4



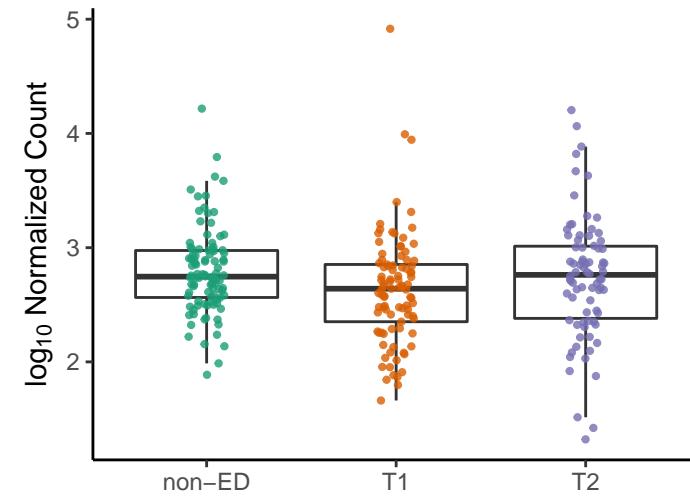
### *Pseudomonas sp. PE08*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.95



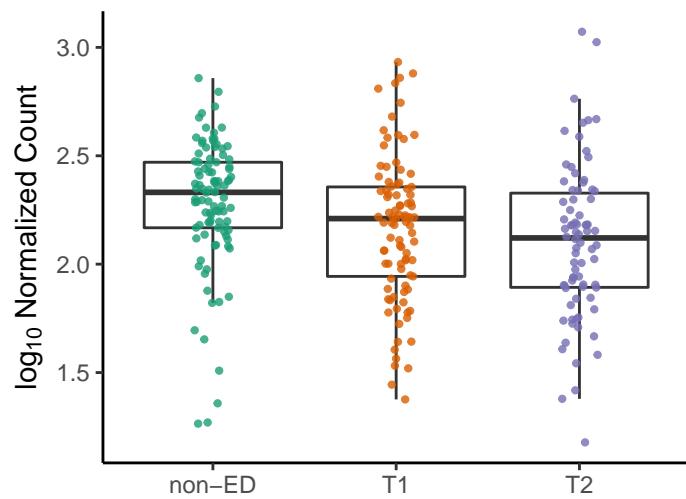
### *Prevotella dentalis*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.55  
 T1 vs. T2 adjusted p = 0.61



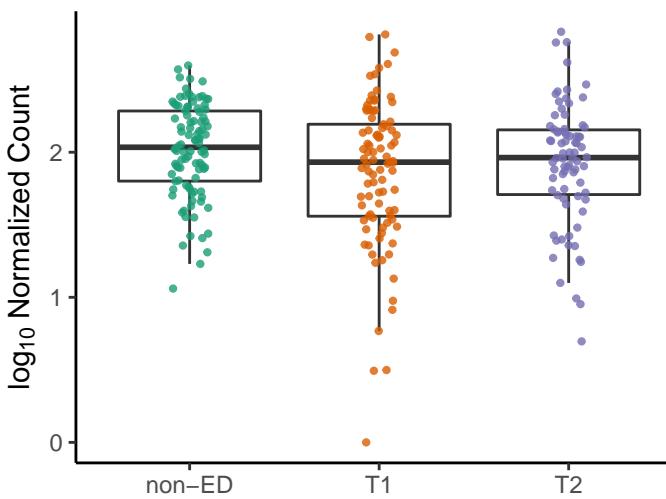
### *Bacillus sp. FJAT-18017*

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



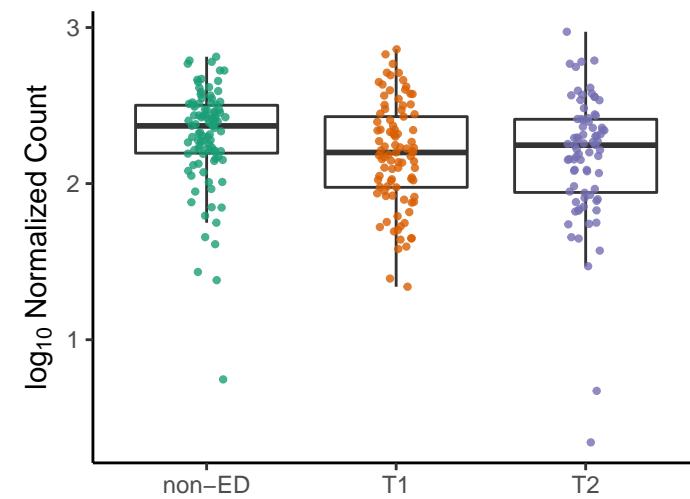
### *Corynebacterium nuruki*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.7



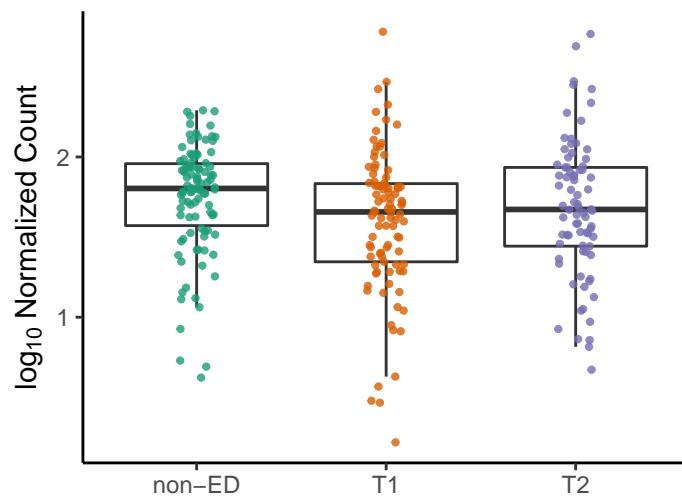
### *Anaerococcus prevotii*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.93



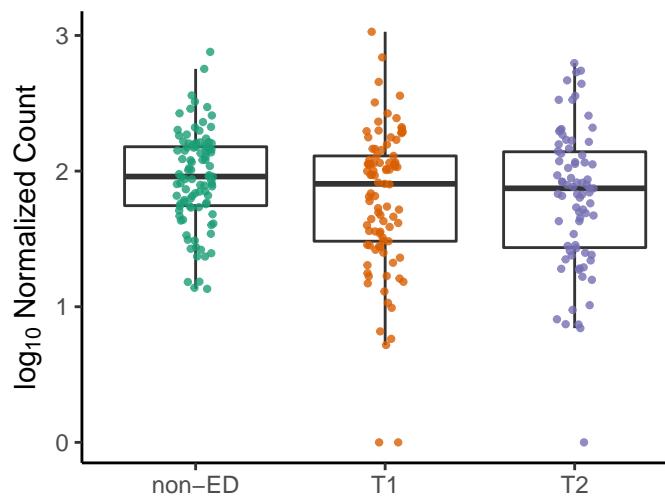
### Pleurocapsa minor

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.39  
T1 vs. T2 adjusted p = 0.64



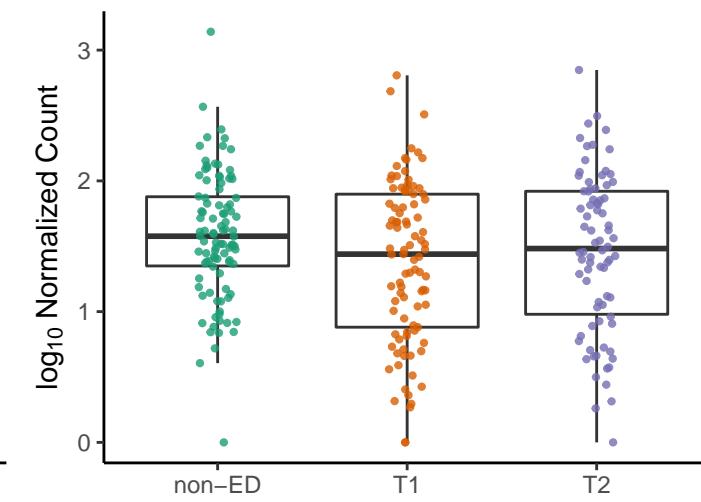
### Georgenia sp. ZLJ0423

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.77



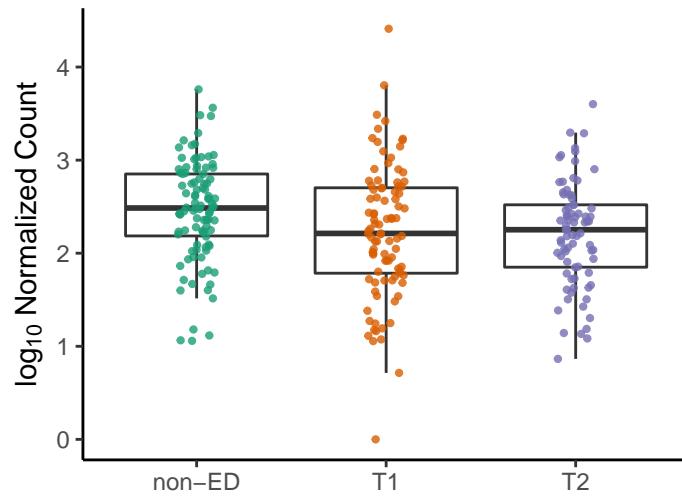
### Halorhabdus tiamatea

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.7



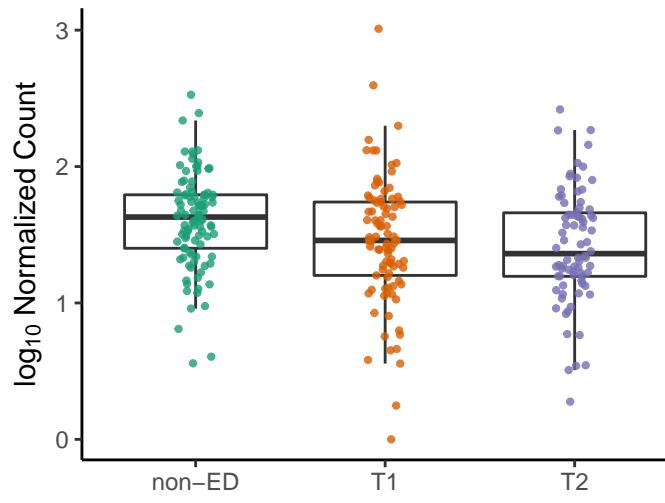
### Streptococcus sp. I-P16

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.86



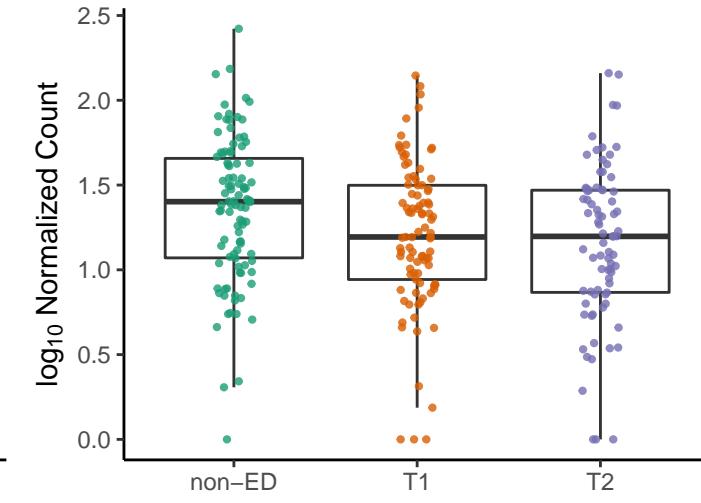
### Thalassotalea sp. PS06

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



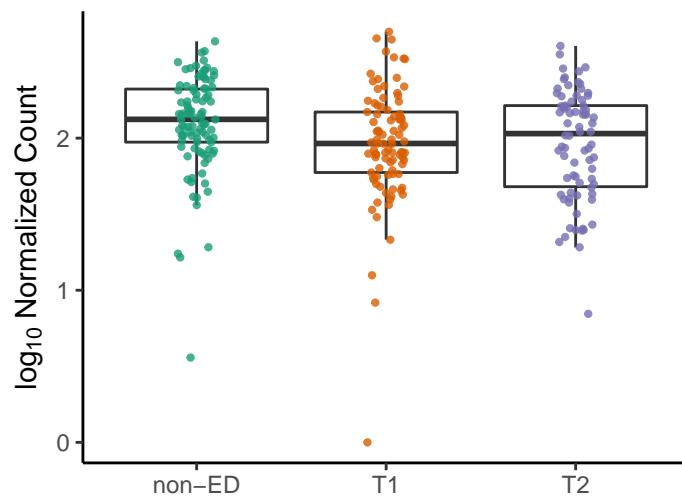
### Unclassified Methylophilaceae Family

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.8



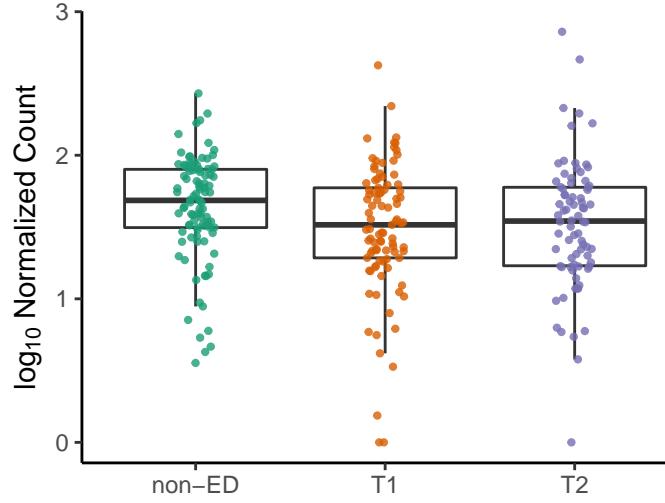
### Virgibacillus necropolis

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.89



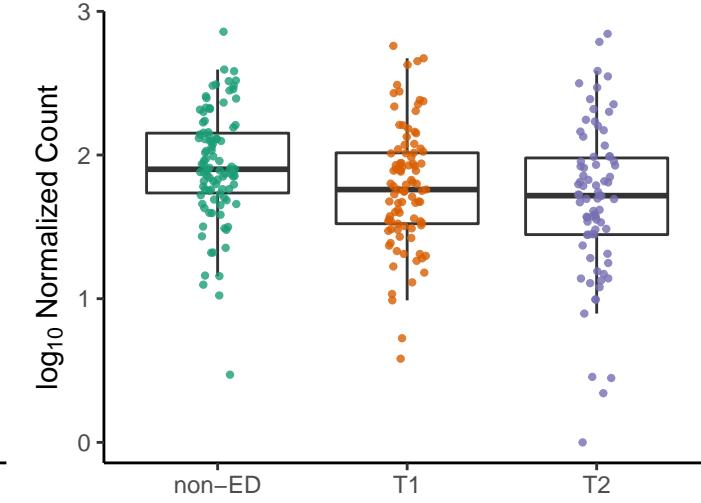
### Methanohalobium evestigatum

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.97



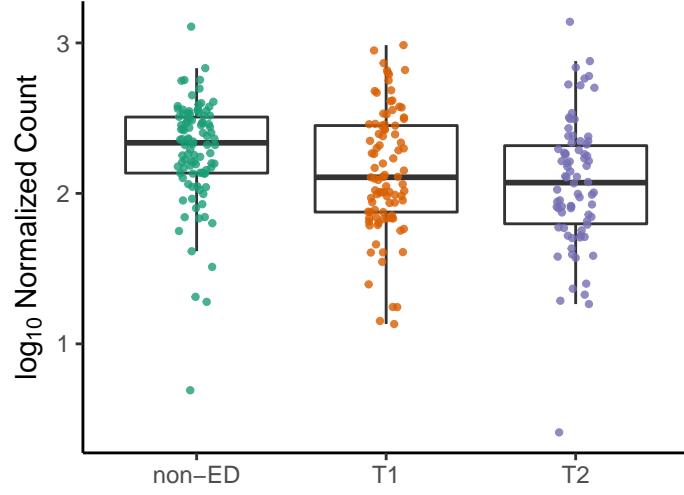
### Acholeplasma palmae

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



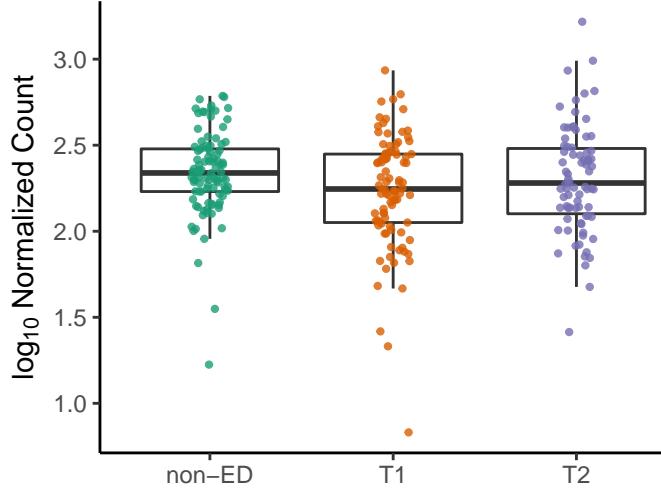
### Unclassified Gemella Genus

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



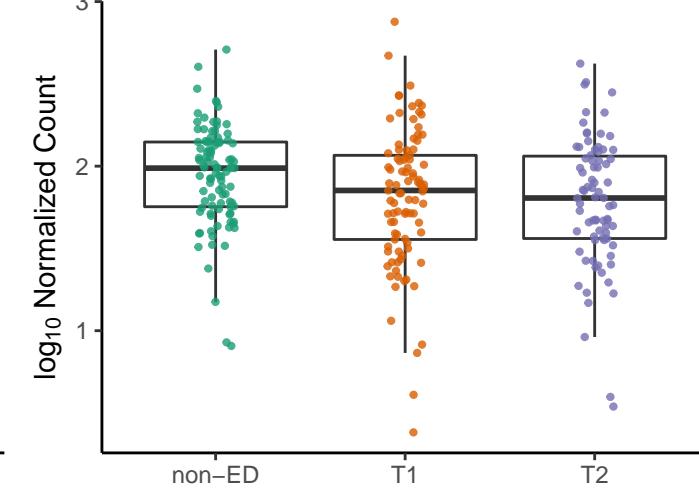
### Paenibacillus sp. FSL P4-0081

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.5  
T1 vs. T2 adjusted p = 0.57



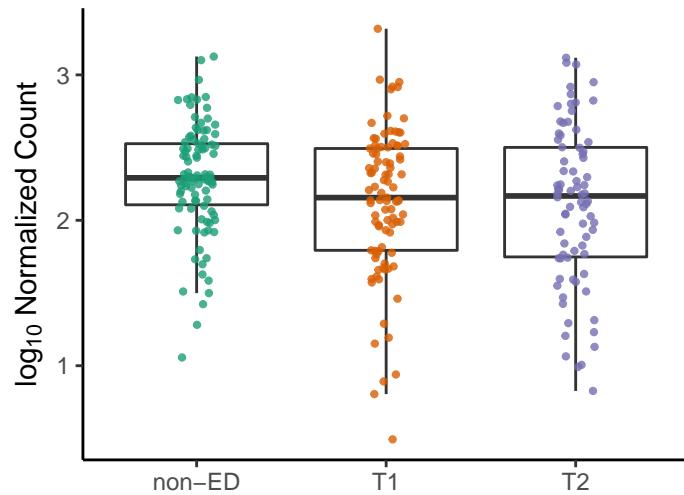
### Staphylococcus haemolyticus

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.89



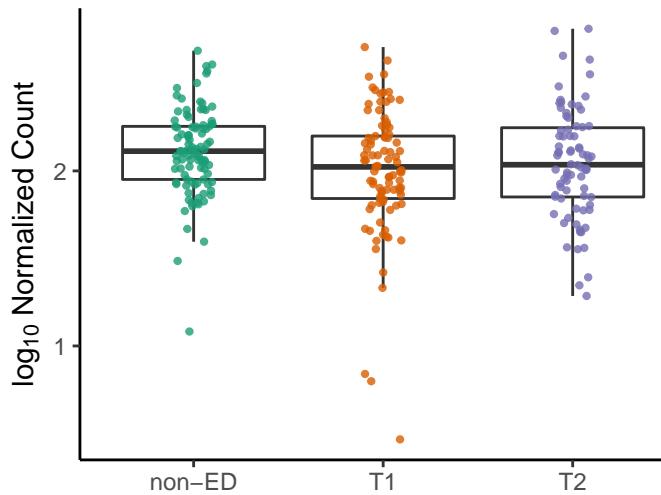
### Burkholderiales bacterium JOSHI\_001

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.9



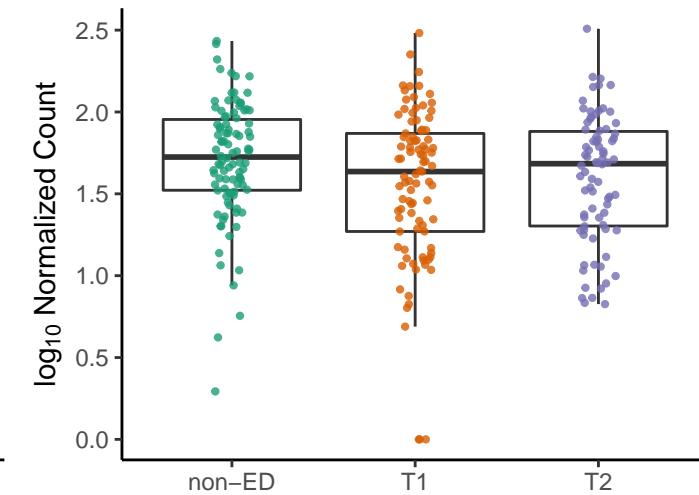
### Vibrio fluvialis

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.67



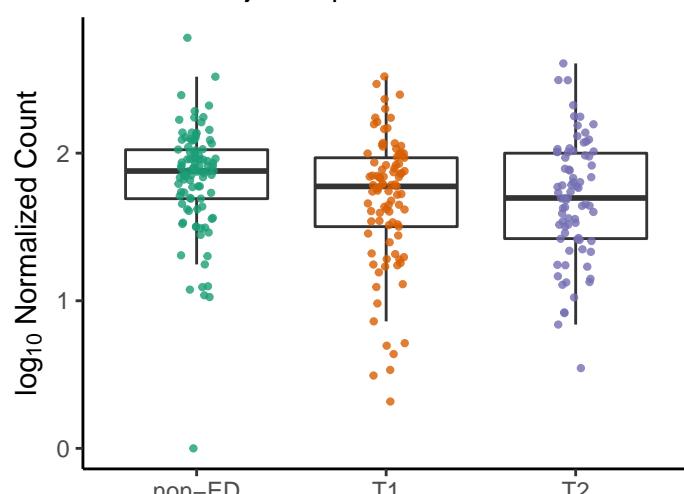
### Corynebacterium epidermidicanis

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.75



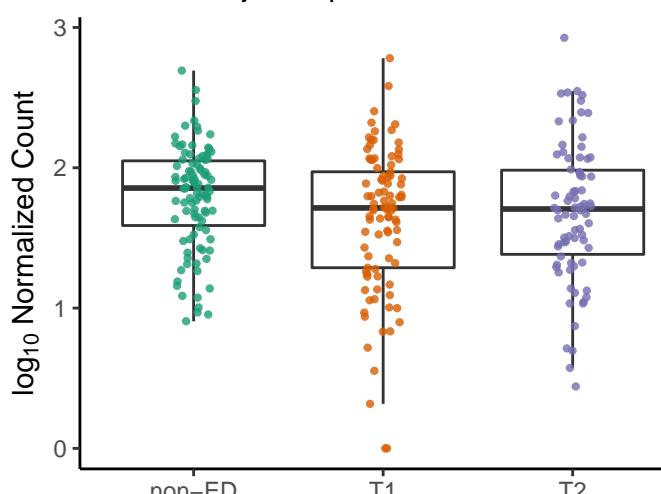
### Bordetella sp. HZ20

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.85



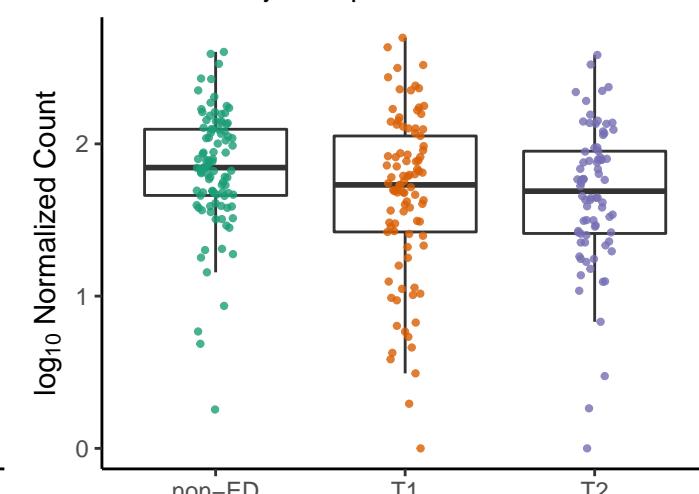
### Sphingobium sp. RAC03

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.76



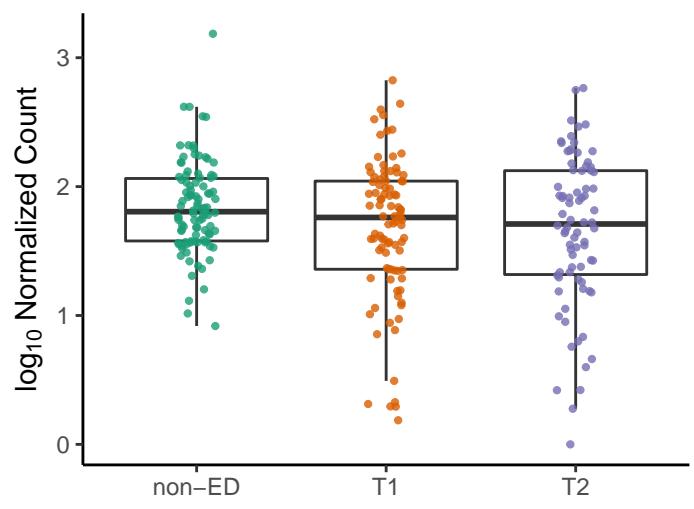
### Novosphingobium sp. THN1

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.87



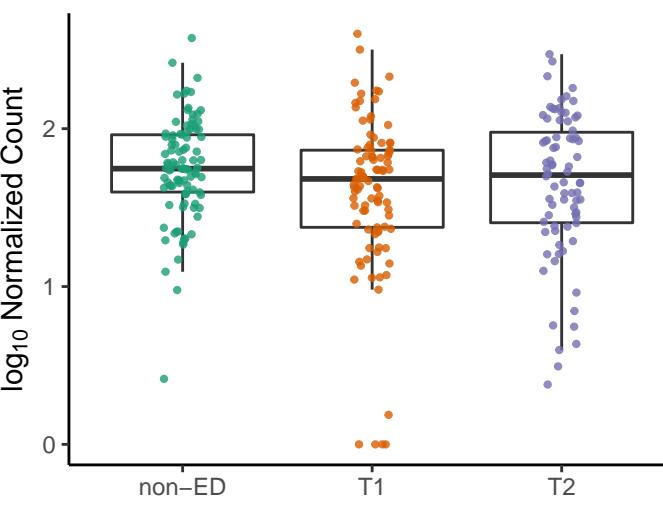
### *Chelatococcus daeguensis*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.8



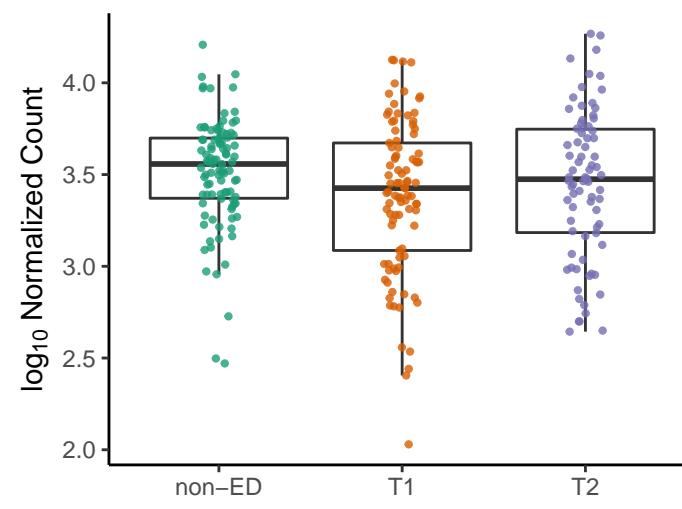
### *Bacterioplanes sanyensis*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.63



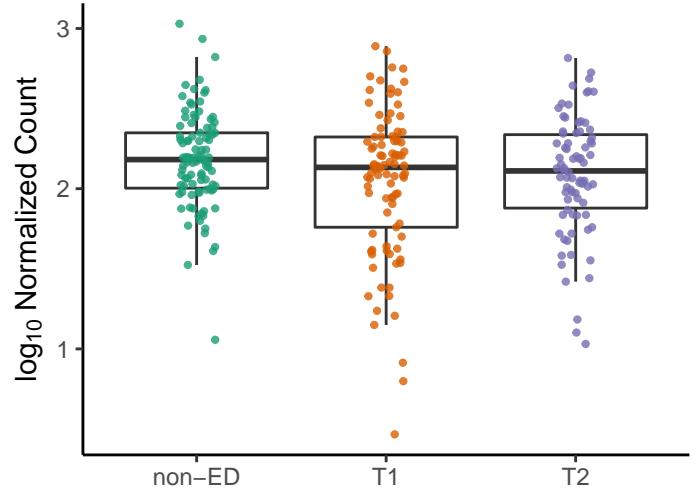
### *Ethanoligenens harbinense*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.35  
 T1 vs. T2 adjusted p = 0.63



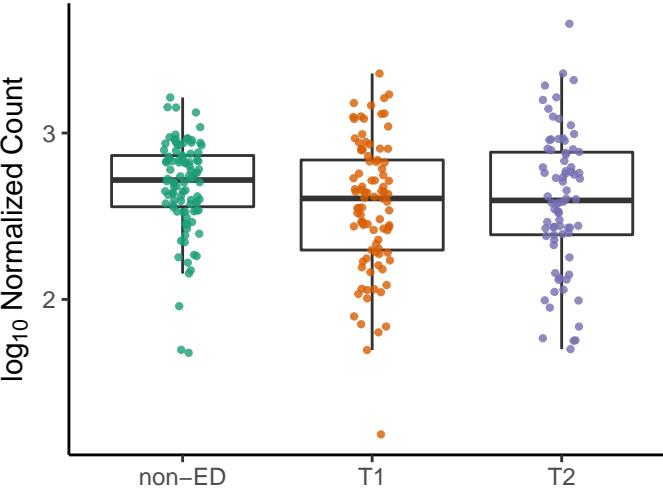
### *Acidipropionibacterium jensenii*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.68



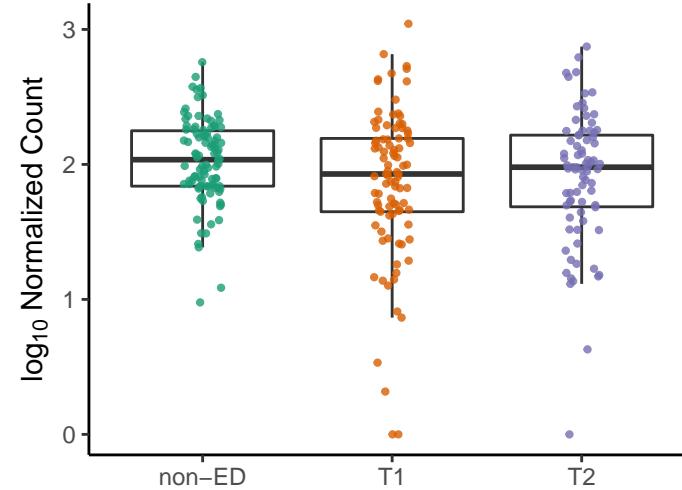
### *Selenomonas* sp. oral taxon 126

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.71



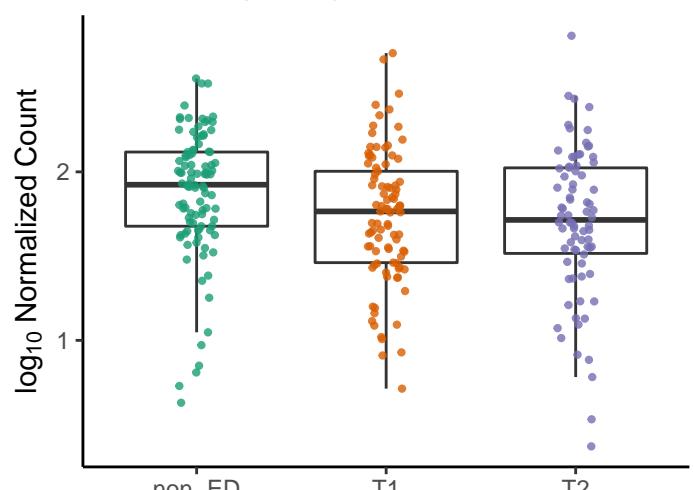
### Unclassified Hydrogenophaga Genus

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.71



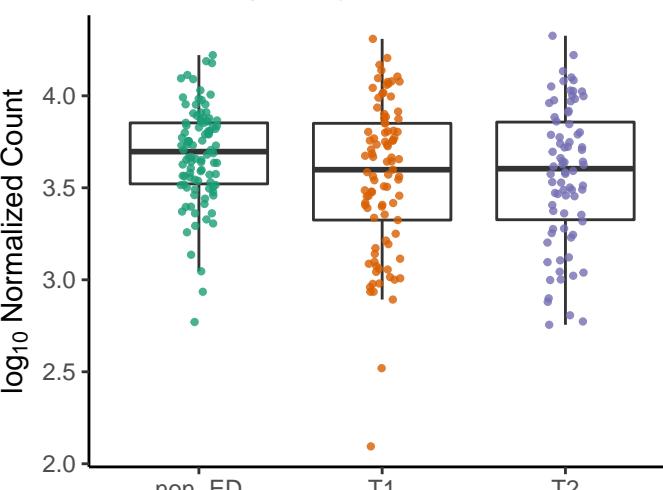
### *Cyclobacterium amurskyense*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.88



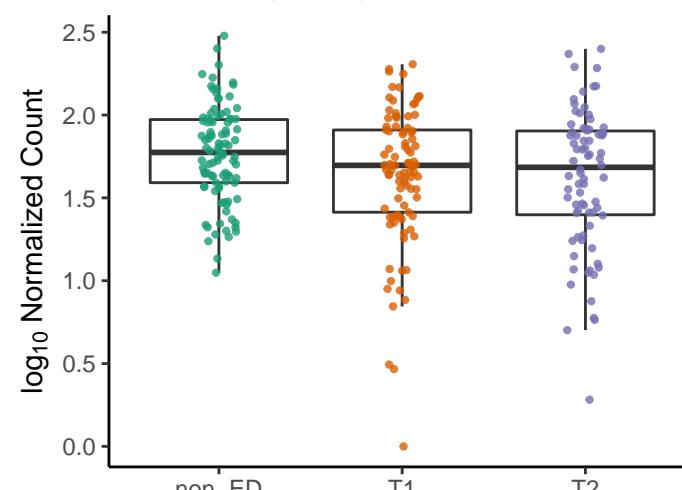
### Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.8



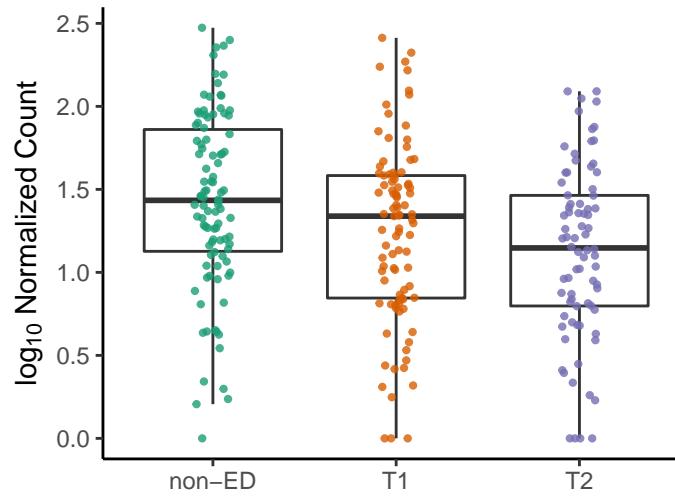
### *Sulfuriflexus mobilis*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.99



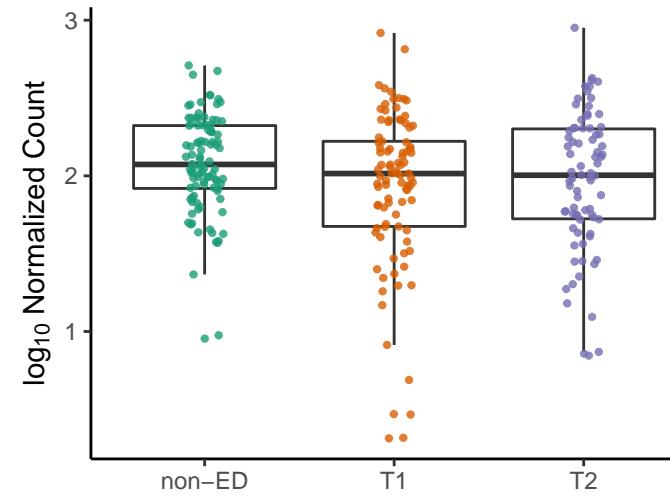
### *Spiroplasma turonicum*

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



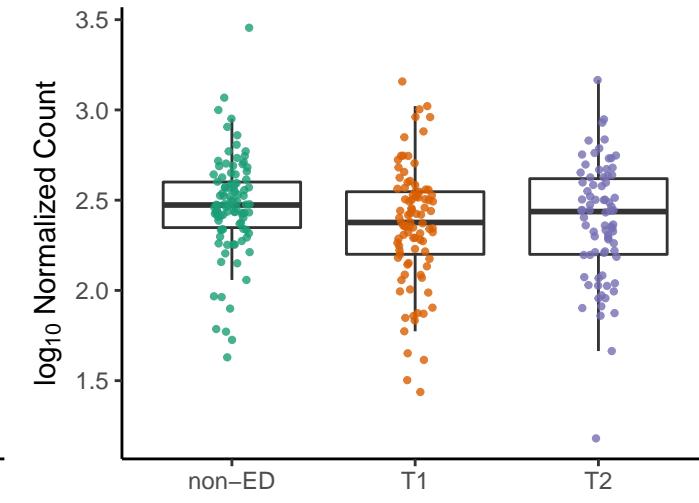
### *Rhodoferax ferrireducens*

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



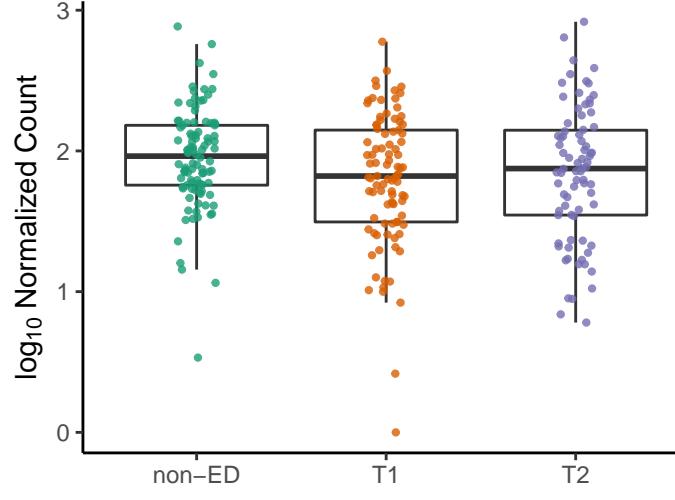
### *Paenibacillus protaeiae*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.73



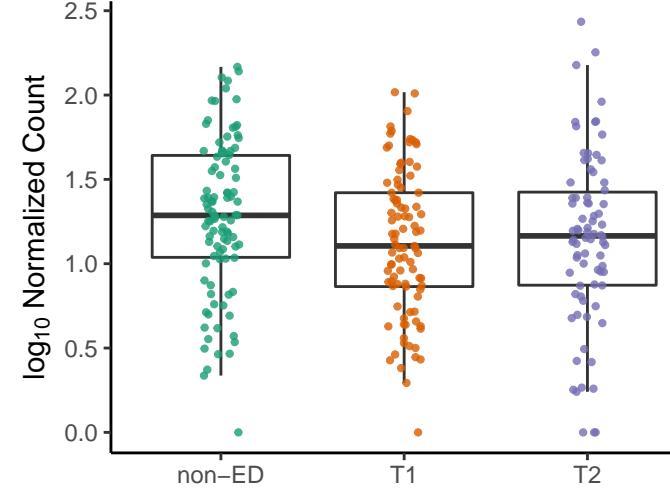
### *Cryobacterium sp. LW097*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.67



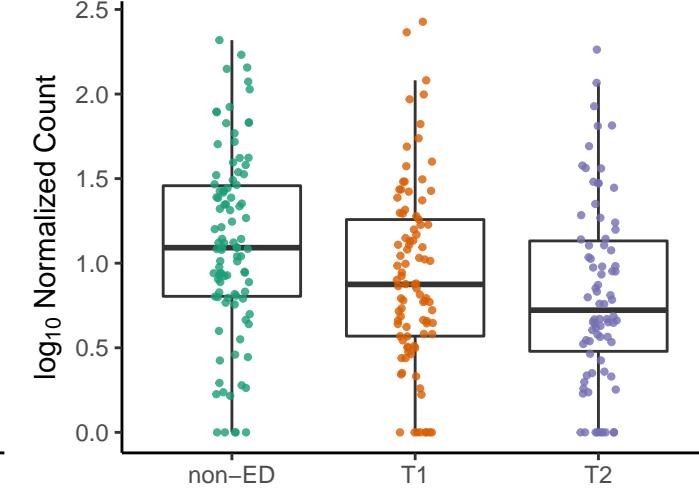
### *Erwinia pyrifoliae*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.82



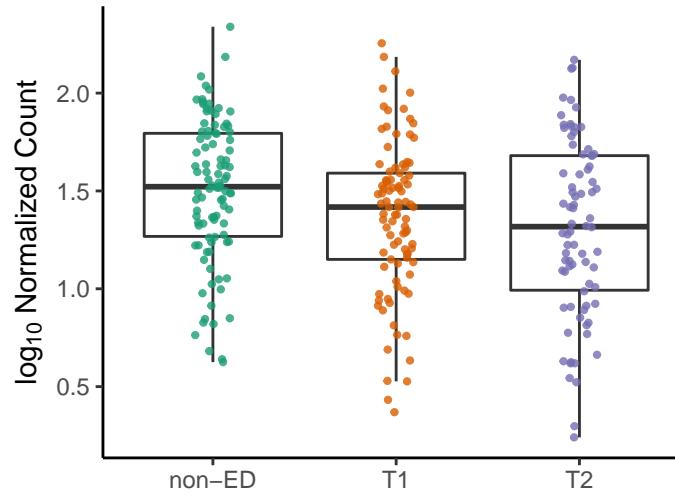
### *Pelagibacter sp. NP1*

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



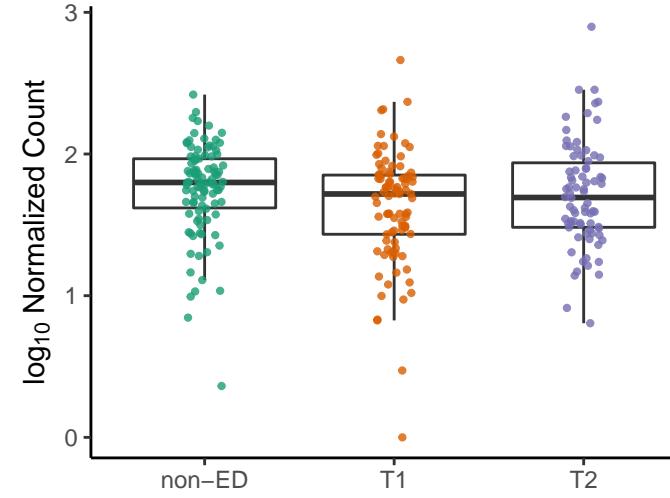
### *Shewanella sp. M2*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.77



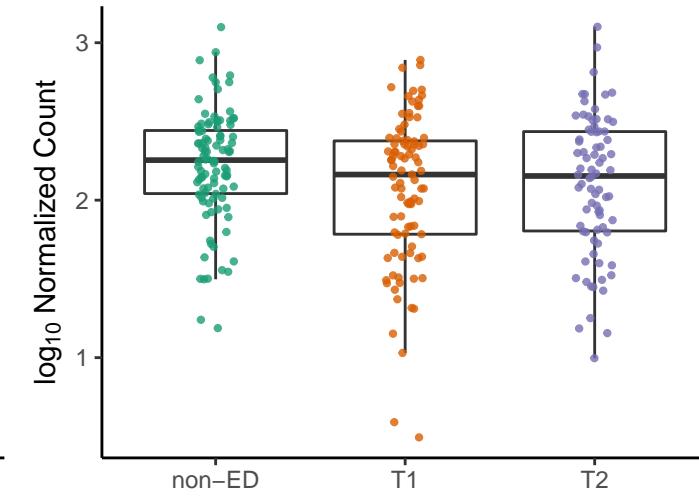
### *Methanospirillum hungatei*

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.56  
T1 vs. T2 adjusted p = 0.65



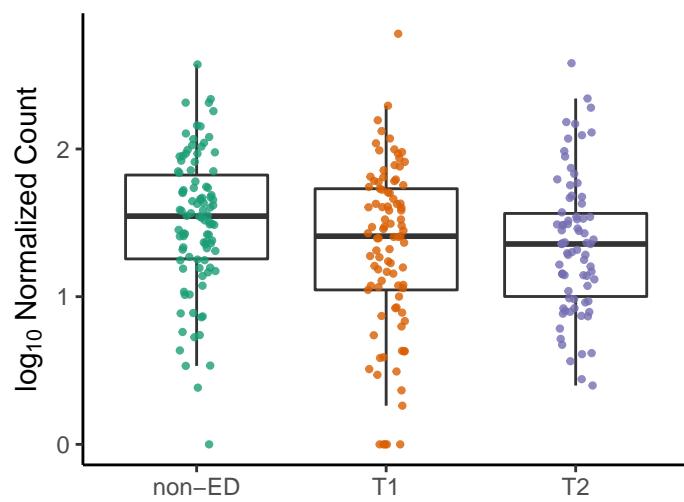
### *Streptomyces rimosus*

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.73



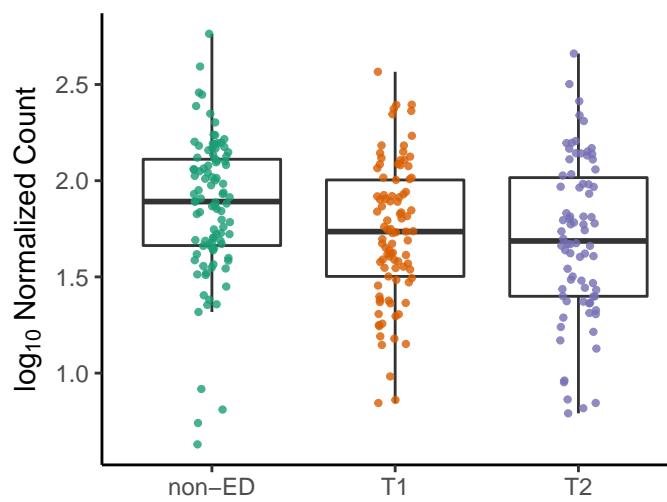
### *Streptomyces* sp. CFMR 7

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.88



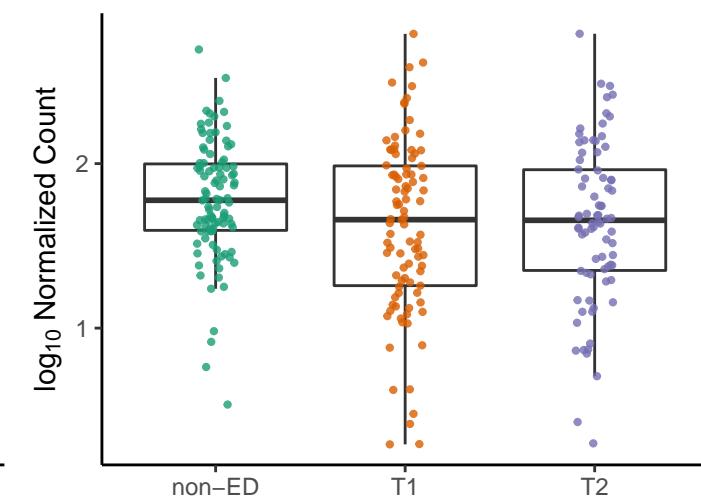
### *Carnobacterium inhibens*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.9



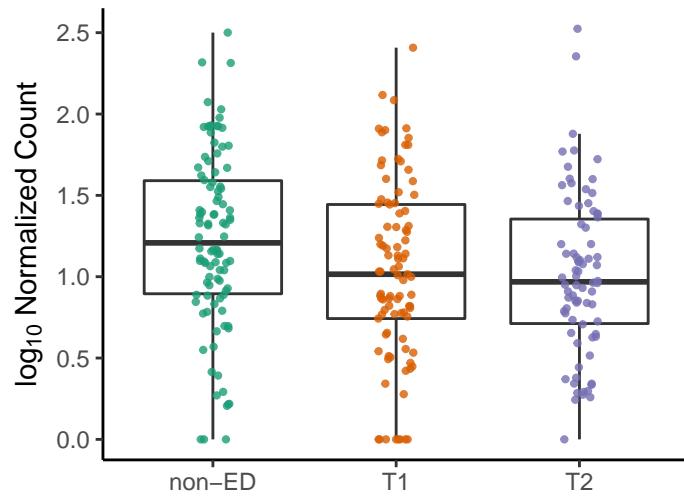
### *Bordetella pseudohinzipii*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.73



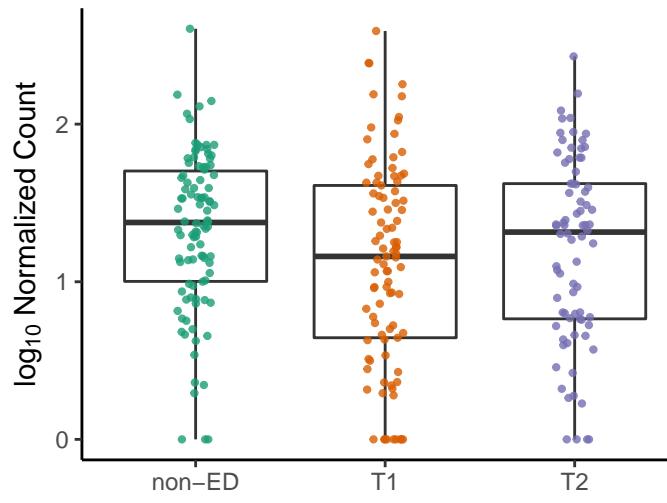
### *Candidatus Atelocyanobacterium thalassophilum*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.93



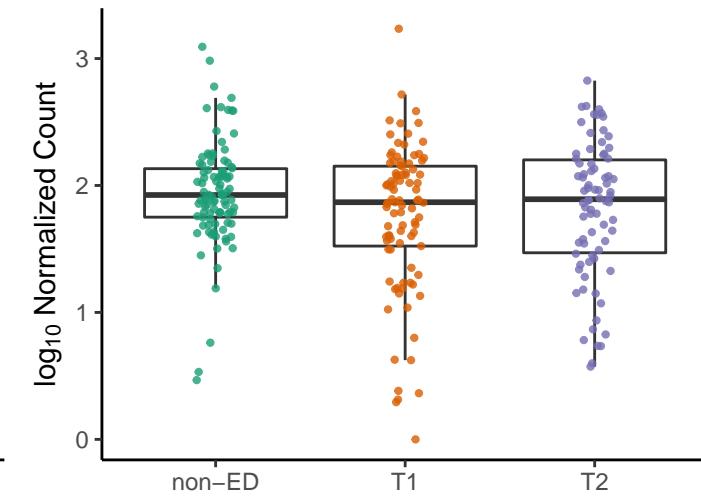
### *Acidilobus saccharovorans*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.7



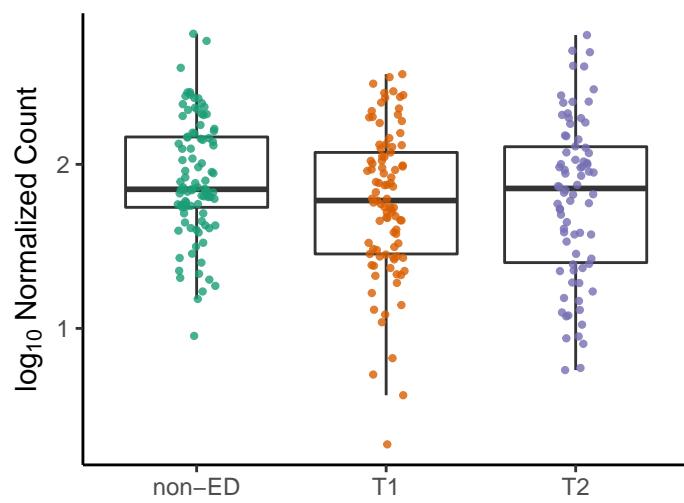
### *Erythrobacter* sp. HL-111

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.66



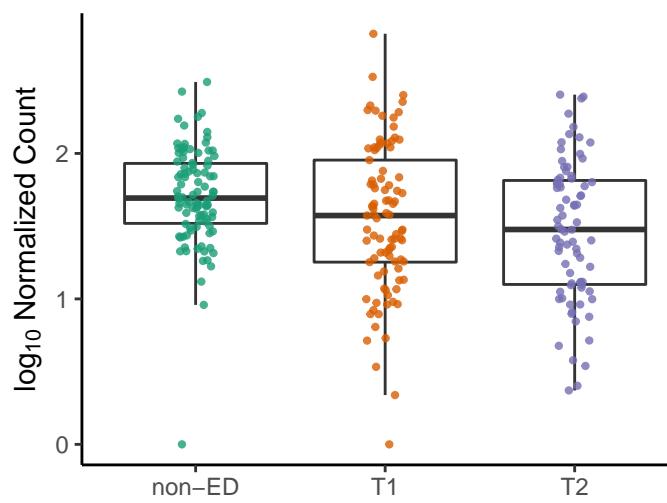
### *Microbacterium hominis*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.79



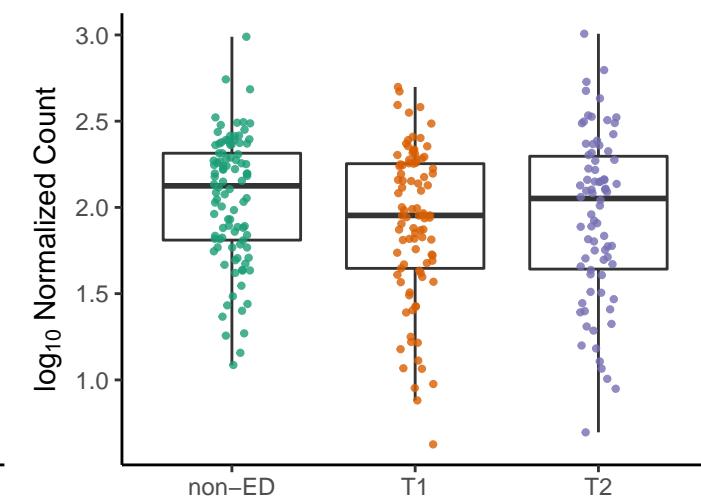
### *Campylobacter hepaticus*

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



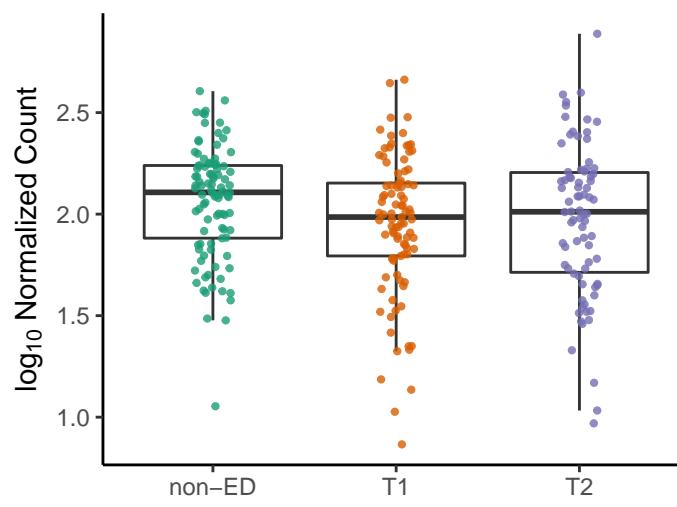
### *Cupriavidus campinensis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.7



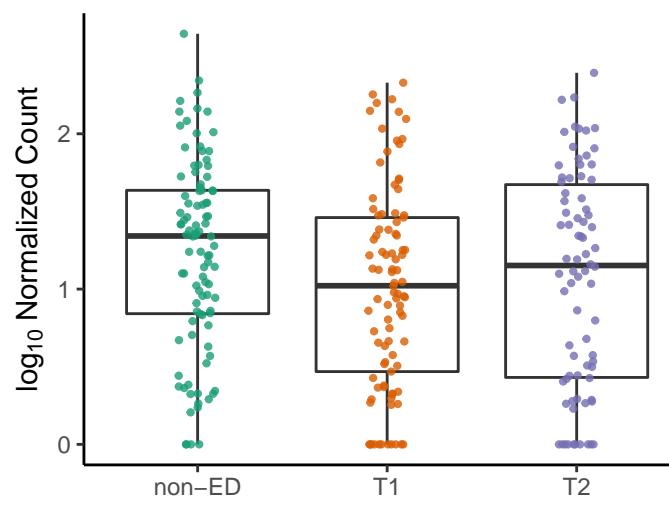
### Dickeya paradisiaca

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.79



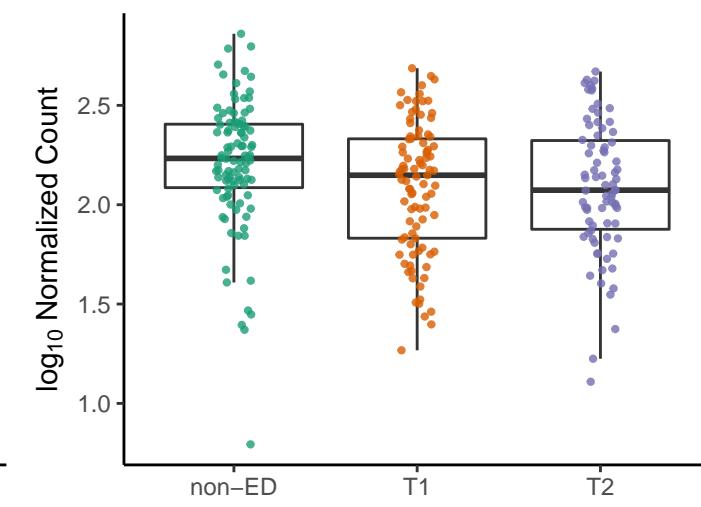
### Pseudoalteromonas rutherica

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



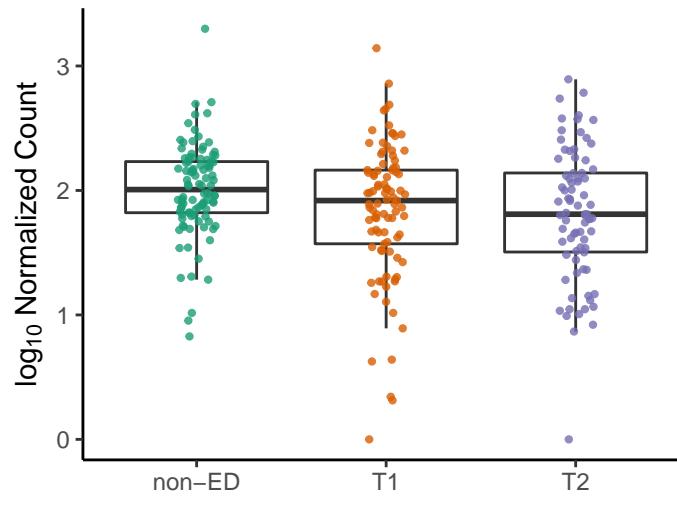
### Bacillus filamentosus

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.98



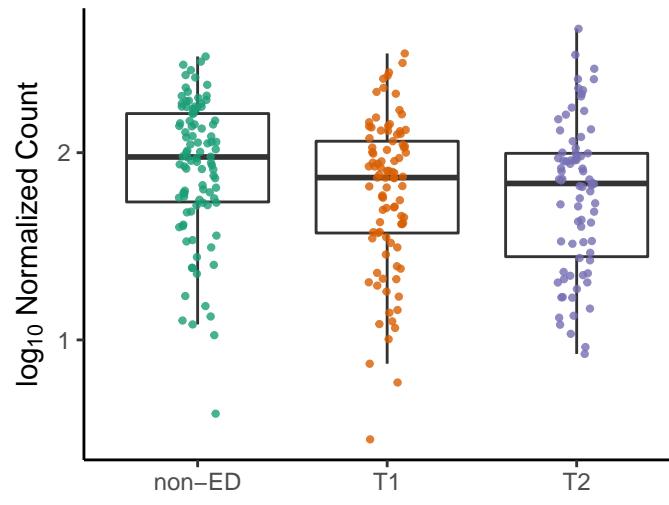
### Hydrogenophaga sp. BA0156

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.99



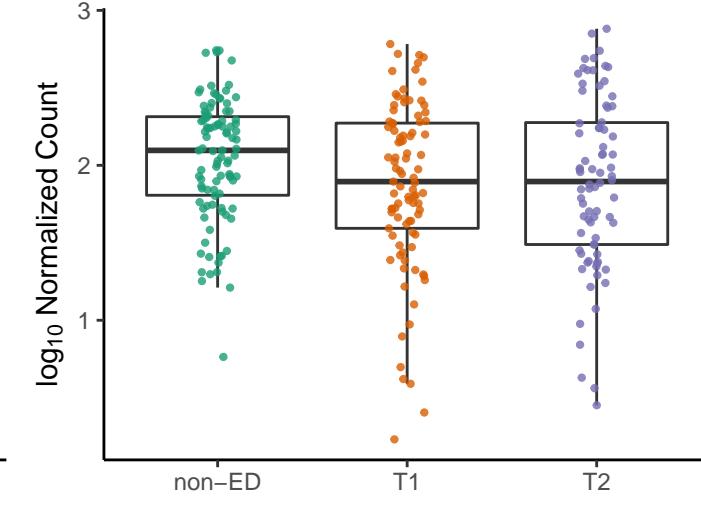
### Mixta theicola

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.96



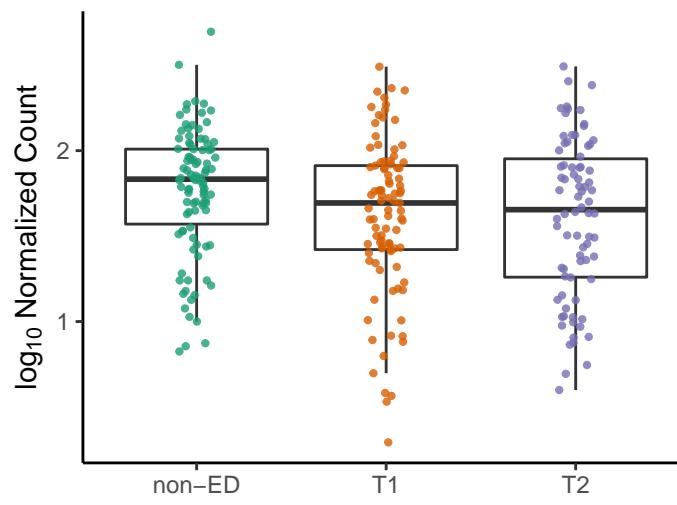
### Streptomyces subrutilus

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.91



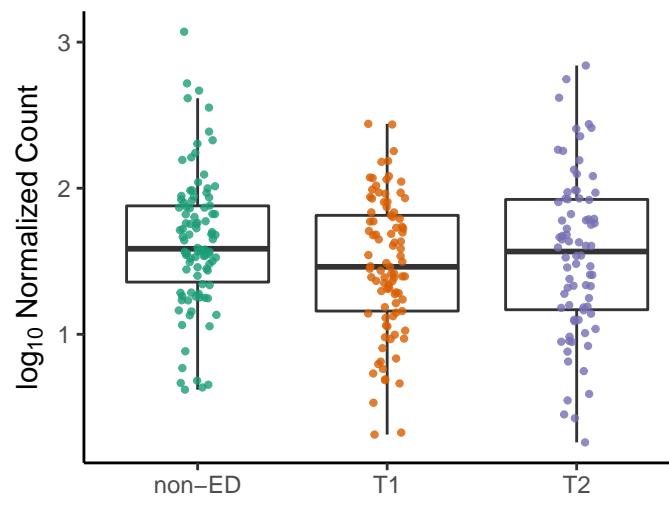
### Mycobacterium florentinum

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.98



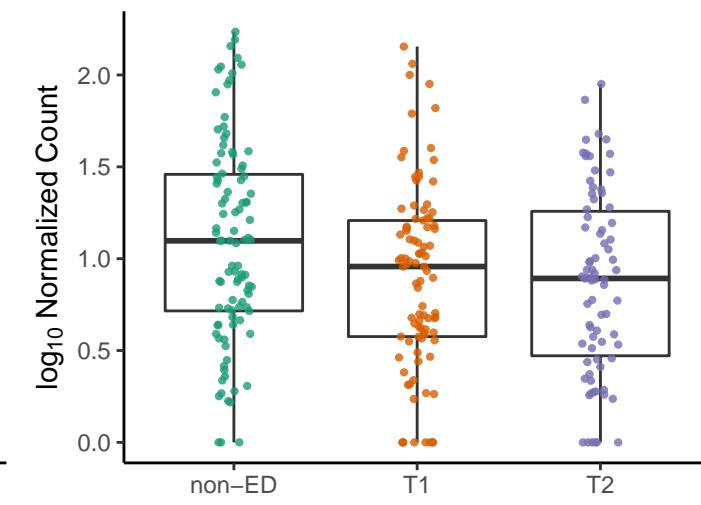
### Halorhabdus utahensis

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.33  
T1 vs. T2 adjusted p = 0.73



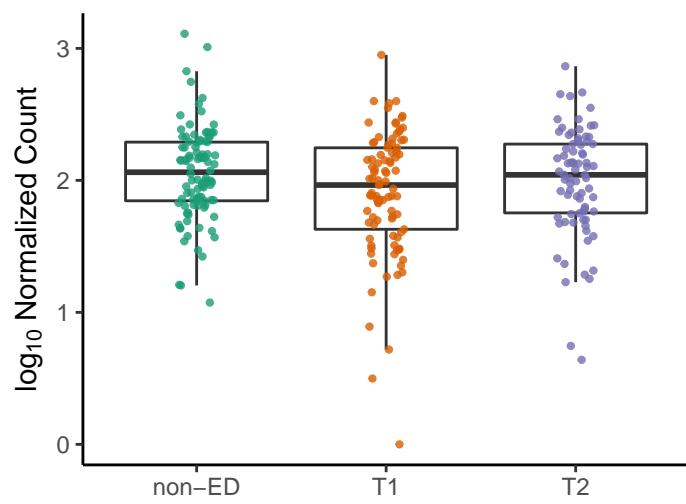
### Unclassified Pelosinus Genus

non-ED vs. T1 adjusted p = 0.055  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.98



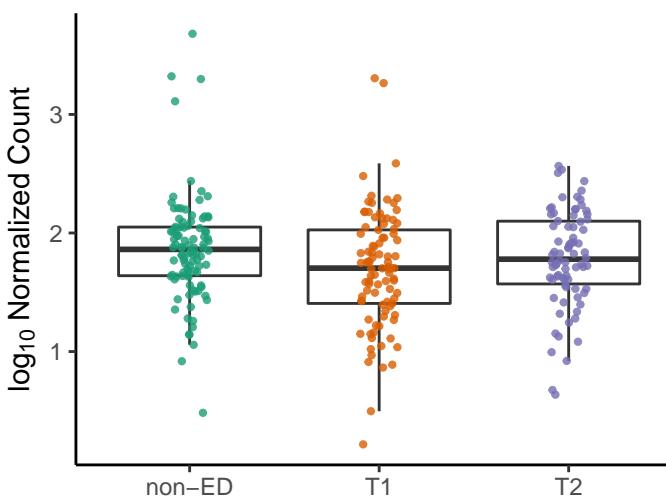
### *Halorhodospira halophila*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.61



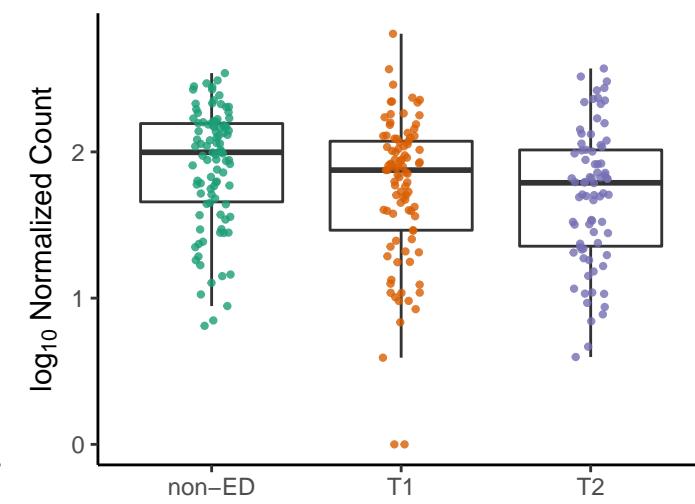
### Unclassified Megasphaera Genus

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.27



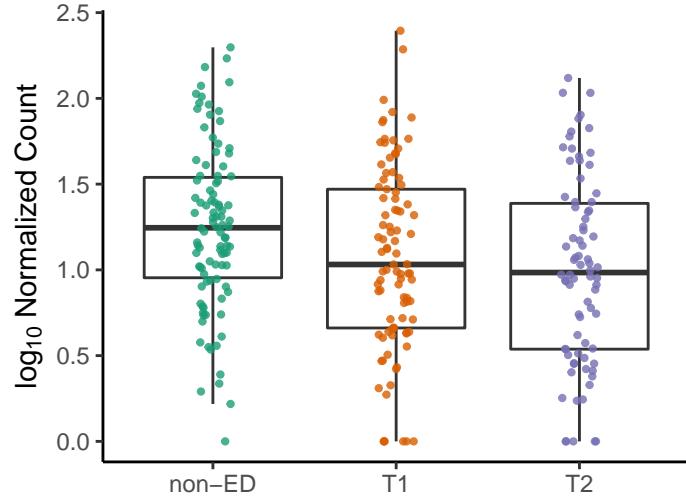
### *Streptomyces dengpaensis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.93



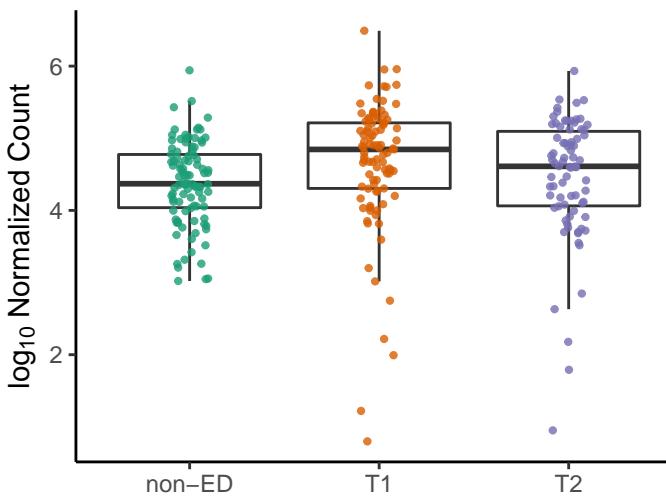
### *Candidatus Liberibacter americanus*

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



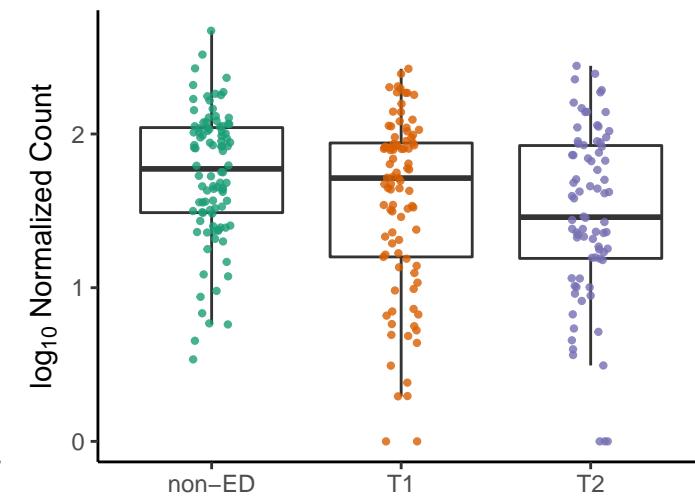
### *Parabacteroides distasonis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.55  
 T1 vs. T2 adjusted p = 0.52



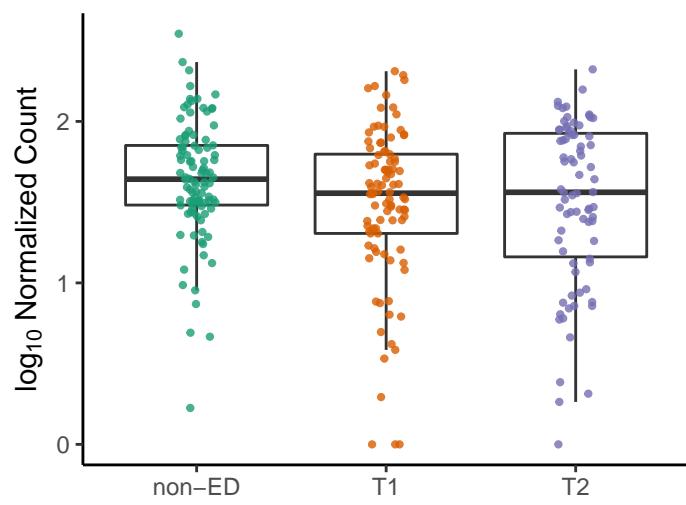
### *Thauera aromatica*

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



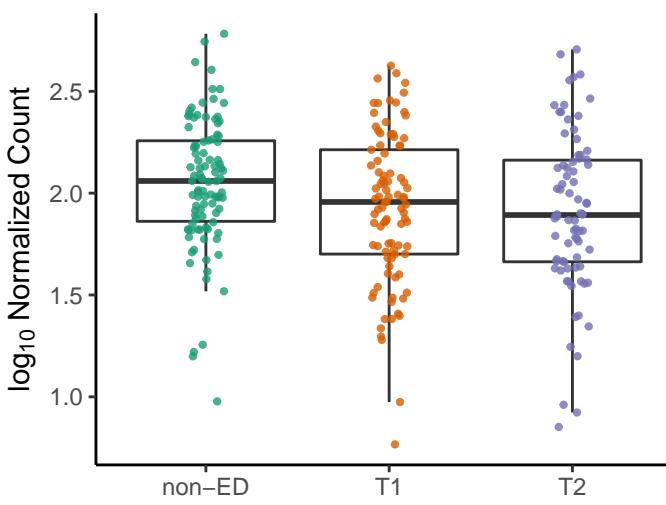
### *Thermovibrio ammonificans*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.86



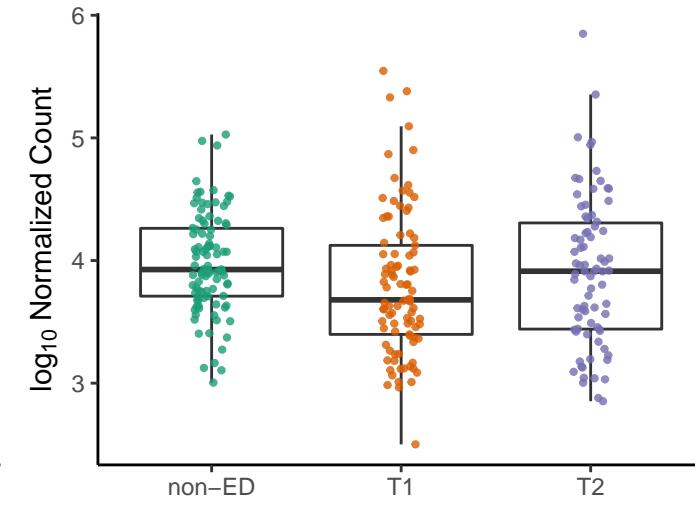
### Unclassified *Virgibacillus* Genus

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.92



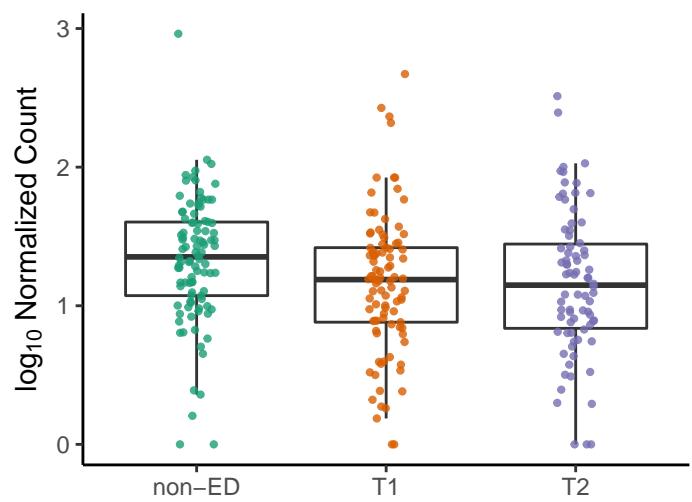
### *Bifidobacterium breve*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.48  
 T1 vs. T2 adjusted p = 0.45



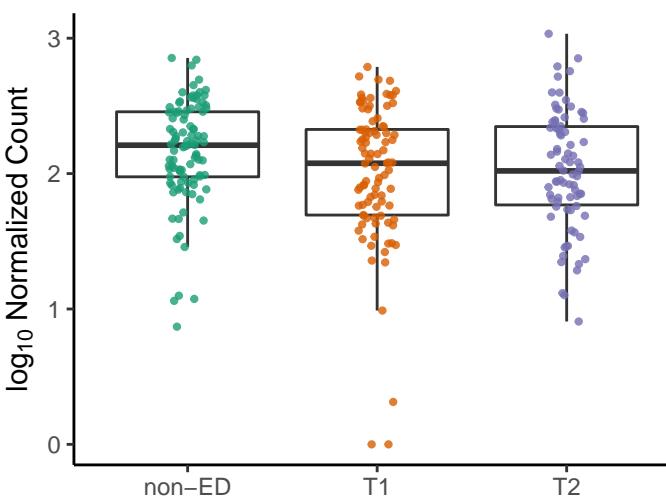
### *Staphylococcus* sp. M0911

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.99



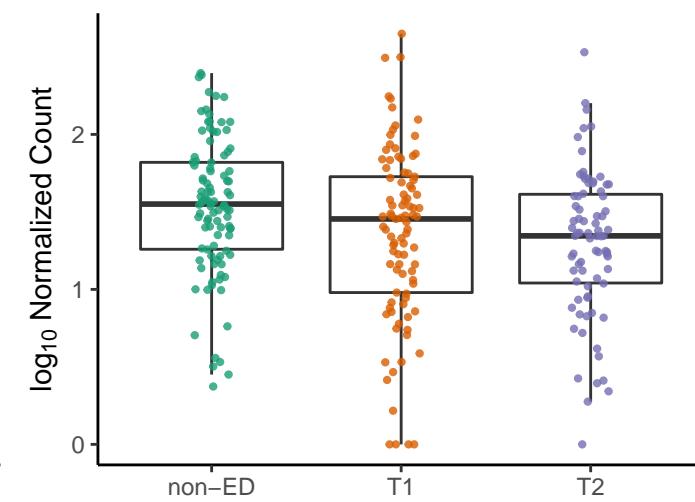
### *Deinococcus actinosclerum*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.77



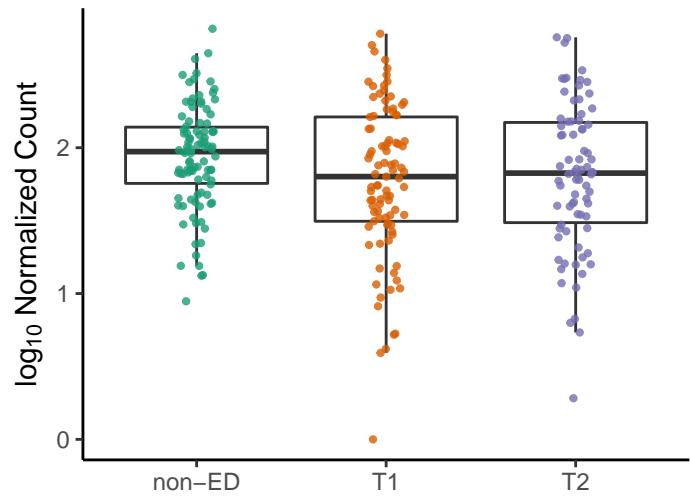
### *Kangiella sediminilitoris*

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



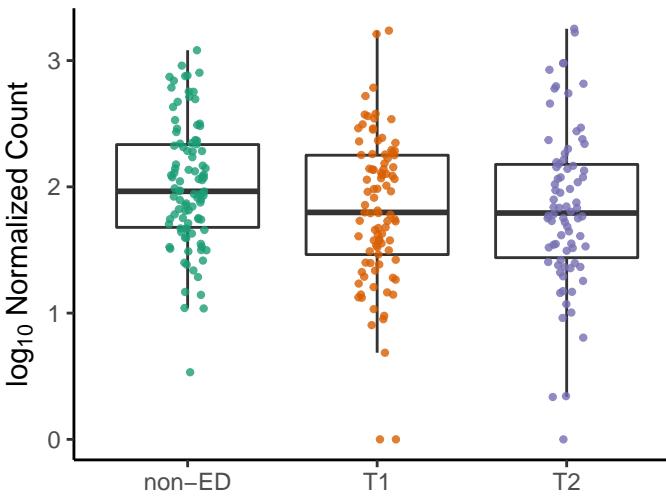
### *Mycolicibacterium fortuitum*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.74



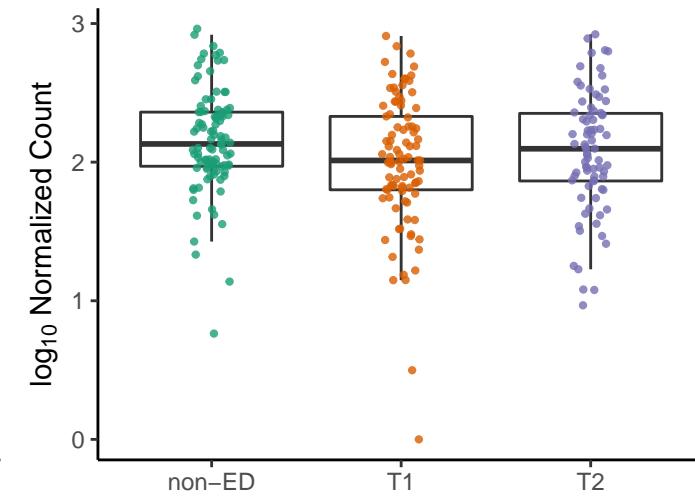
### *Polynucleobacter paneuropaeus*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 1



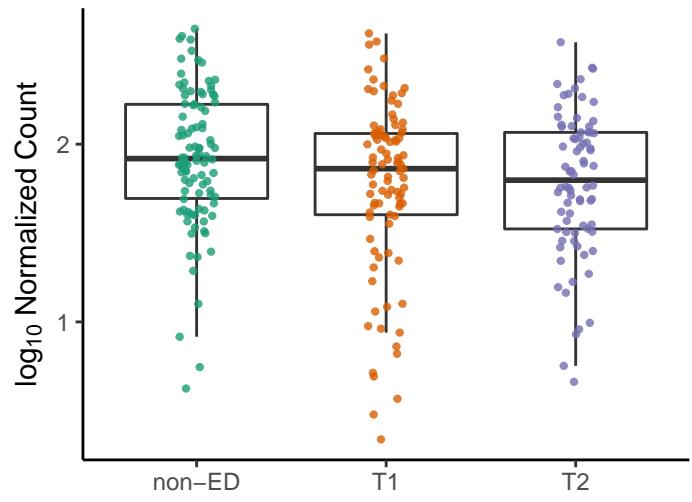
### *Variovorax* sp. PBS-H4

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.65



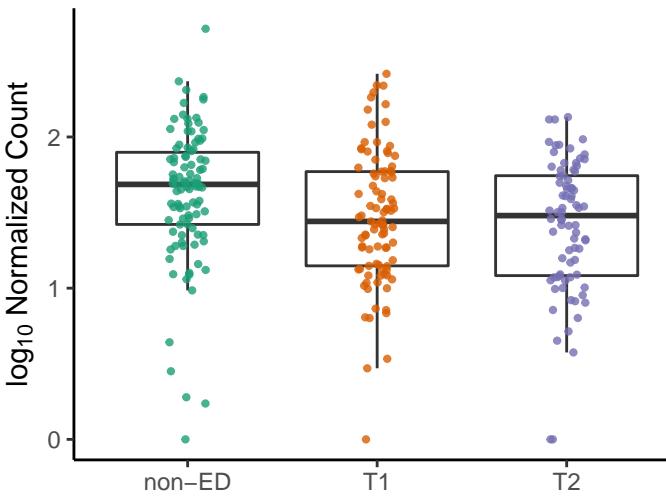
### Unclassified Chitinophagaceae Family

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.97



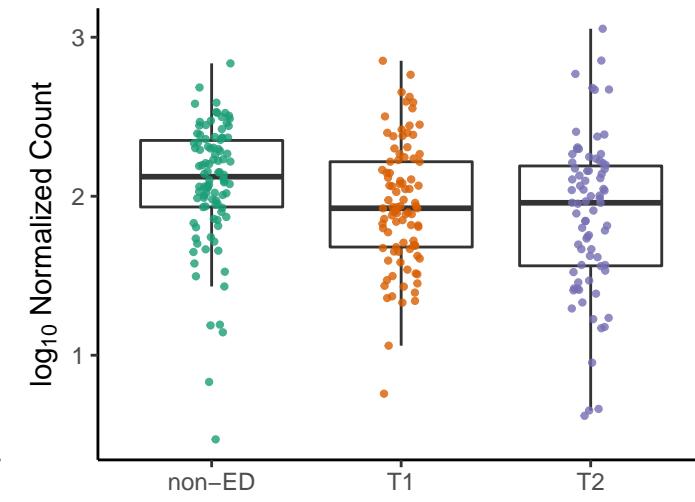
### *Sulfurimonas* sp. GYSZ\_1

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



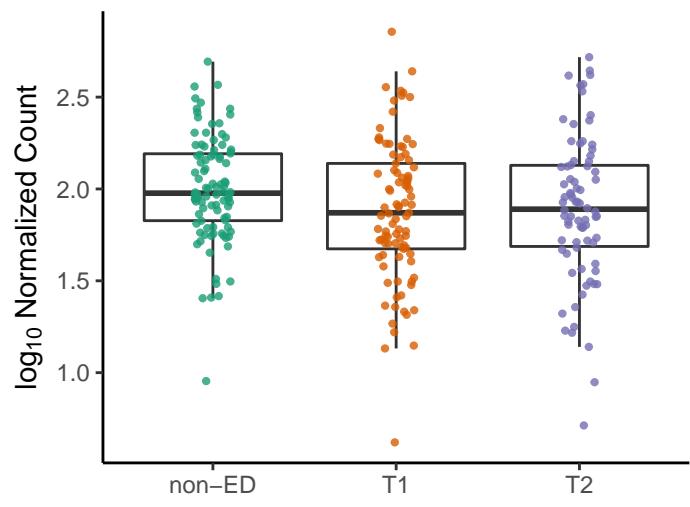
### *Staphylococcus cohnii*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.74



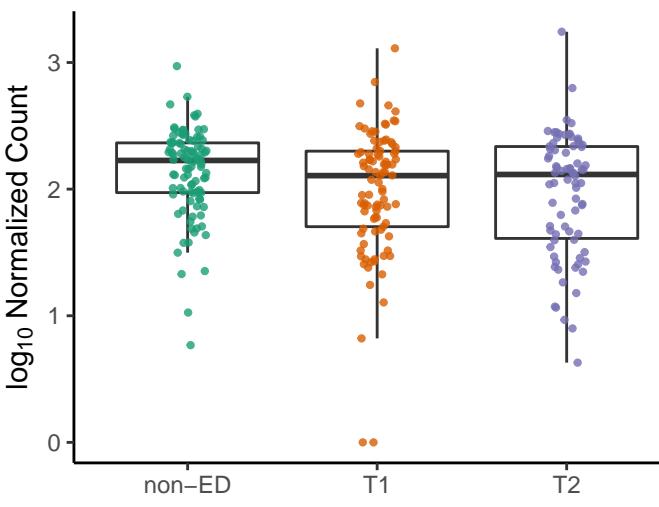
### Labrenzia sp. VG12

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.78



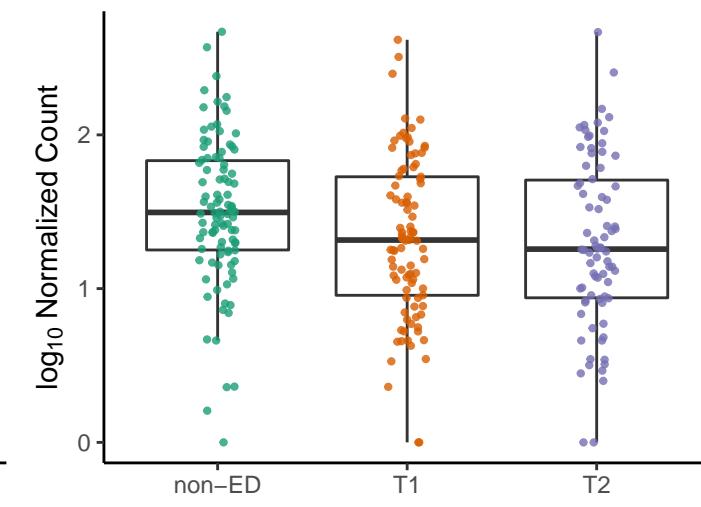
### Unclassified Sphingopyxis Genus

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.98



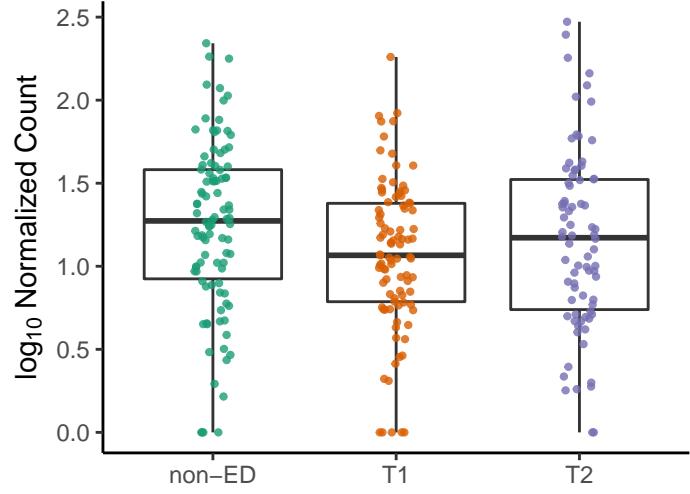
### Candidatus Thioglobus sp. NP1

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.9



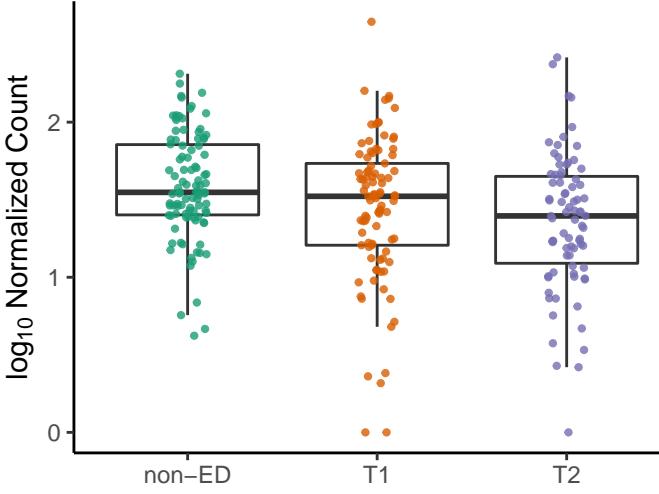
### Streptococcus sp. CNU G3

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.4  
T1 vs. T2 adjusted p = 0.79



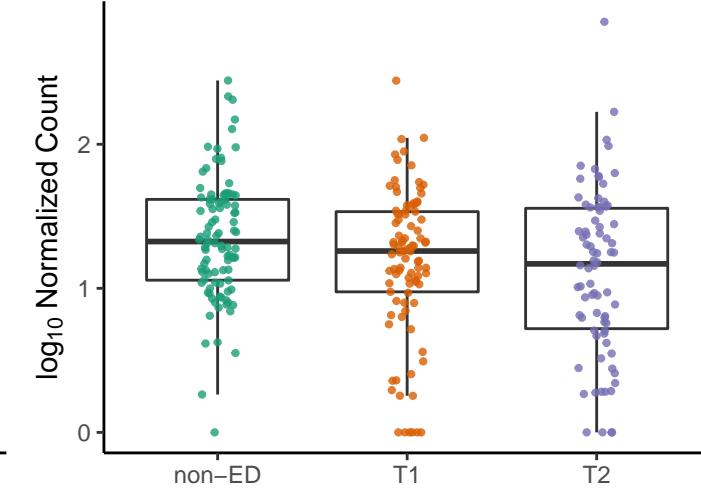
### Brevibacterium siliguriense

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



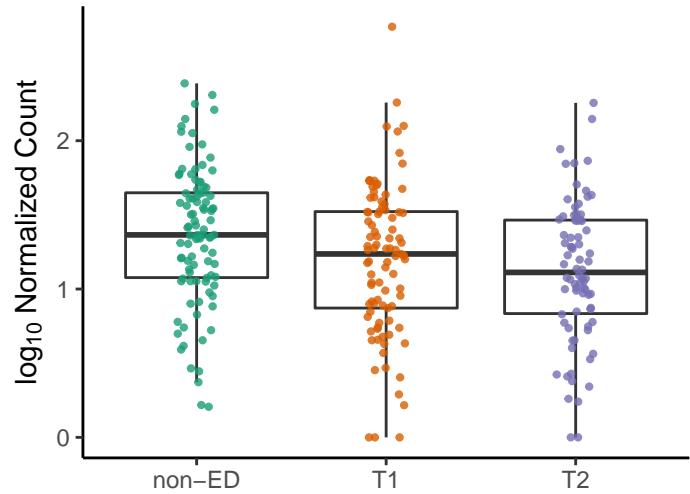
### Chromobacterium haemolyticum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.84



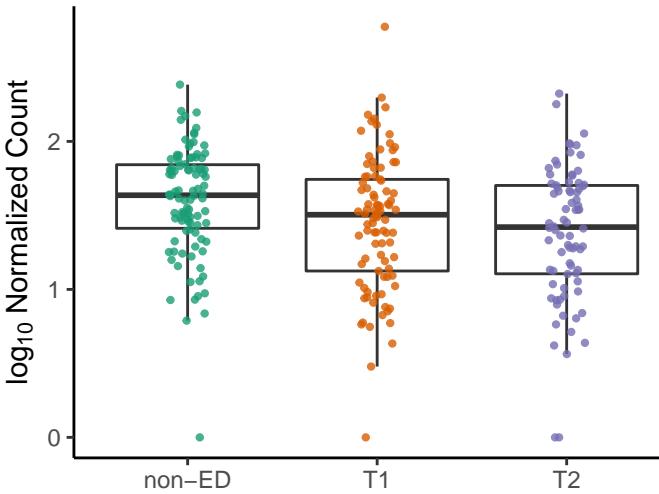
### Leuconostoc suionicum

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



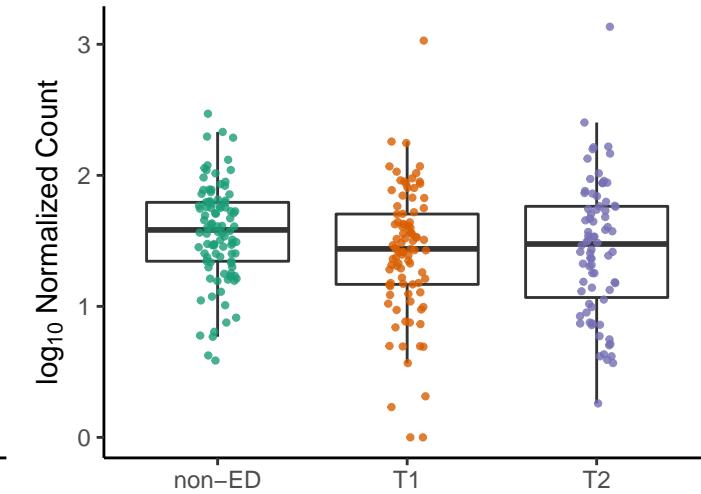
### Nitrosomonas sp. Is79A3

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



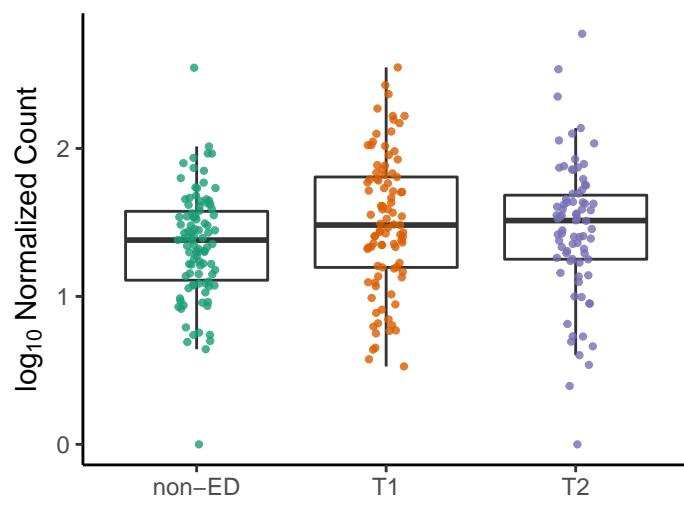
### Actinobacteria bacterium IMCC26256

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.78



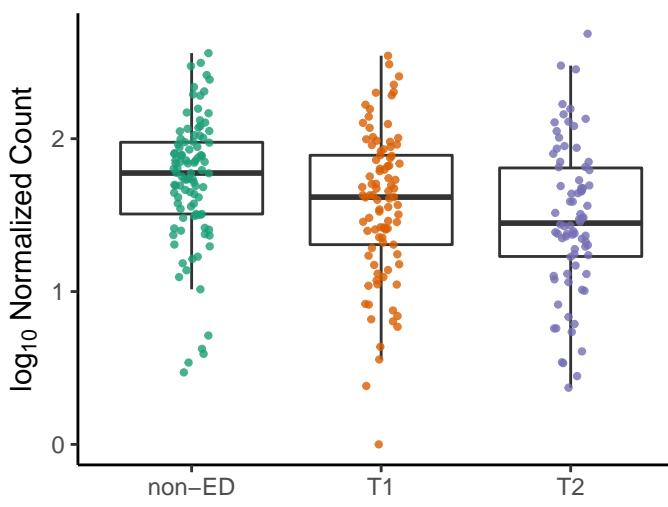
### Unclassified Thermosynechococcus Ger

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.93



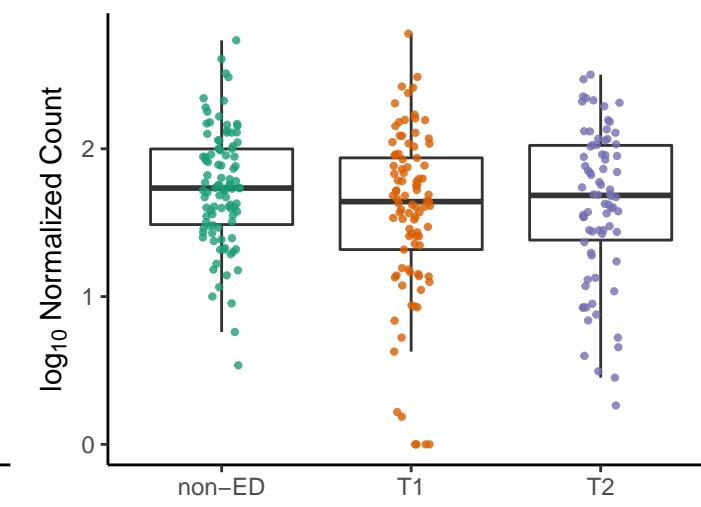
### Helicobacter bilis

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



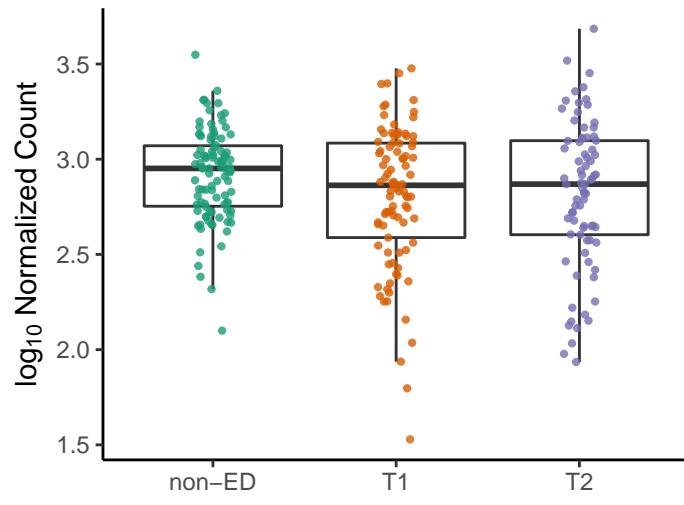
### Nocardioides baekrokdamisol

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.69



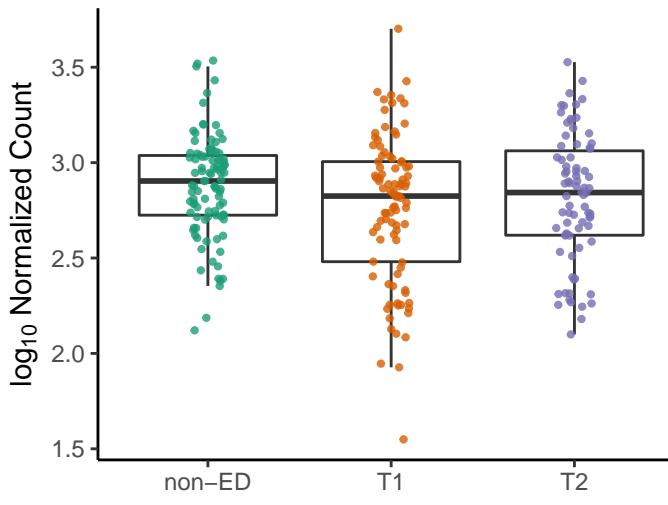
### Unclassified Burkholderiaceae Family

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



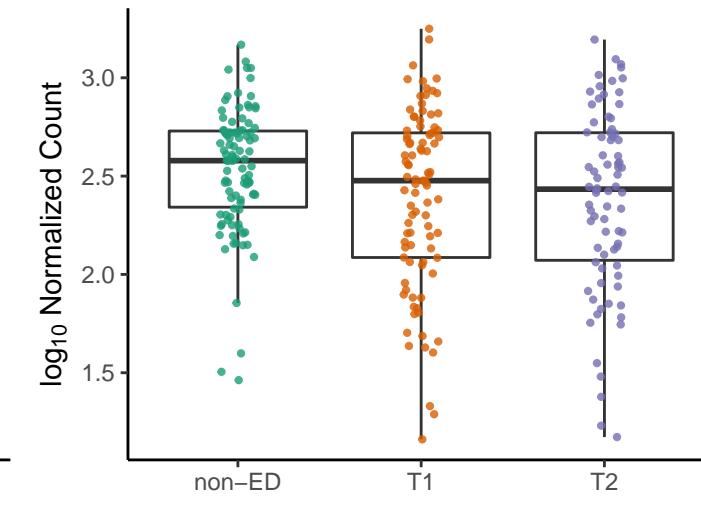
### Pseudomonas stutzeri

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.63



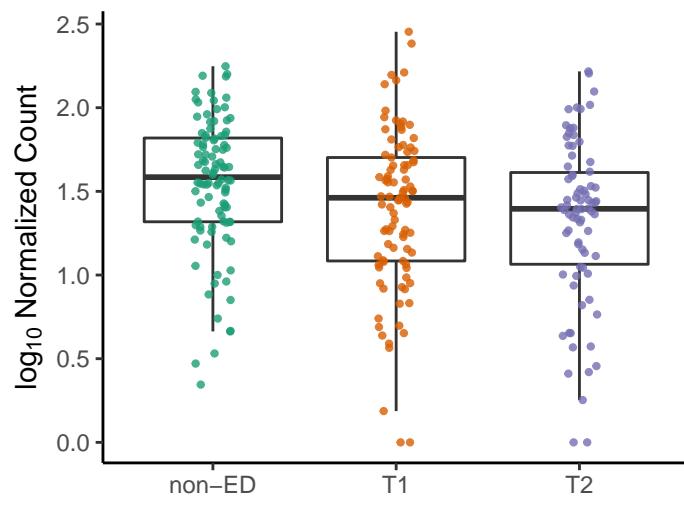
### Haliangium ochraceum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.9



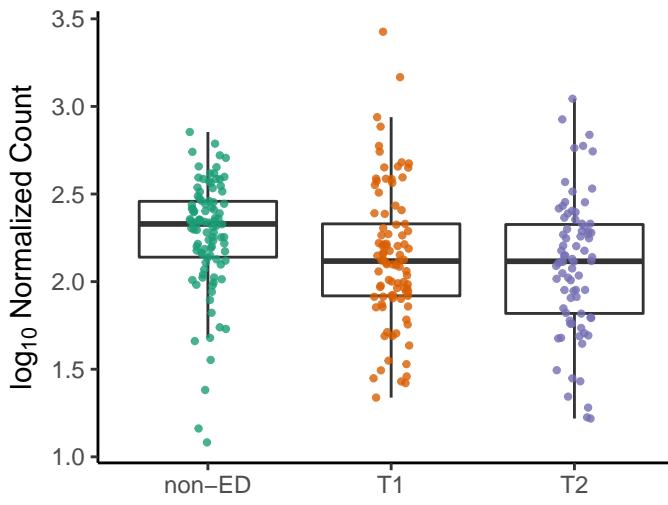
### Parashewanella spongiae

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



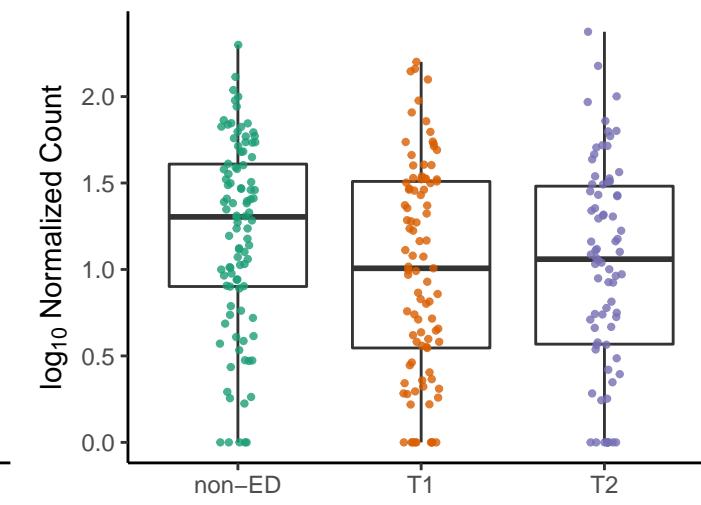
### Fusobacterium mortiferum

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



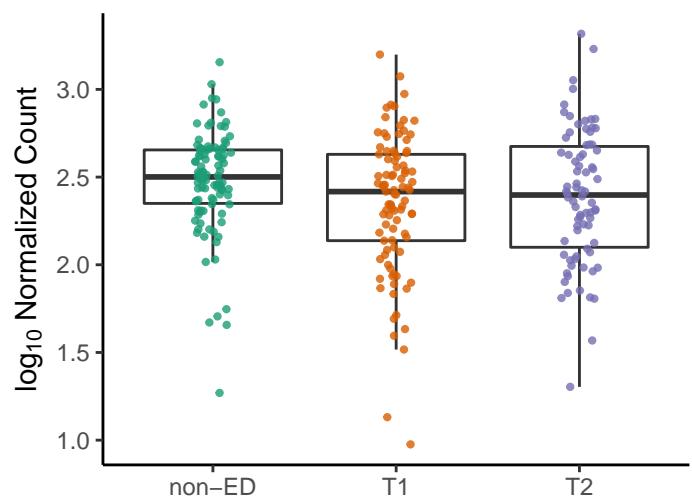
### Chromobacterium rhizoryzae

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.97



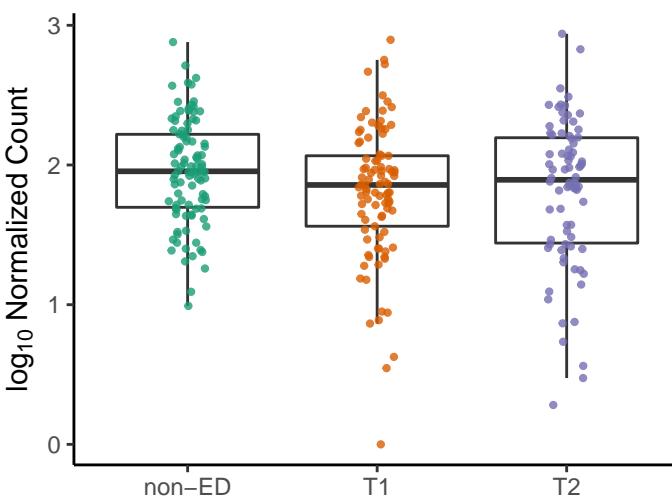
### Anaerolineaceae bacterium oral taxon

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.67



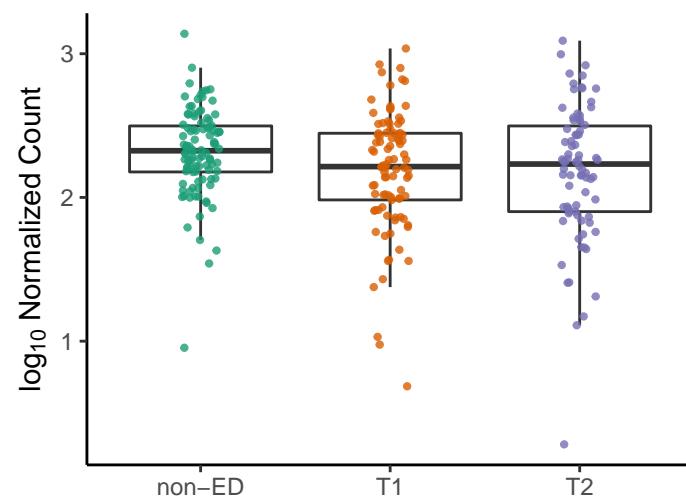
### *Micromonospora zamorensis*

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.83



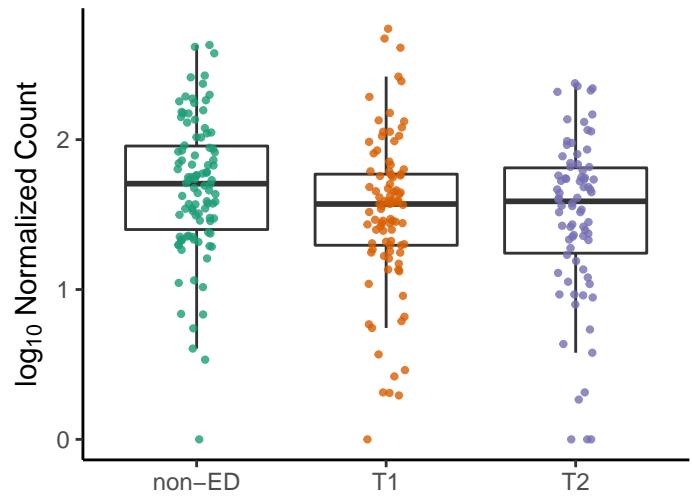
### *Streptomyces* sp. TLI\_053

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.91



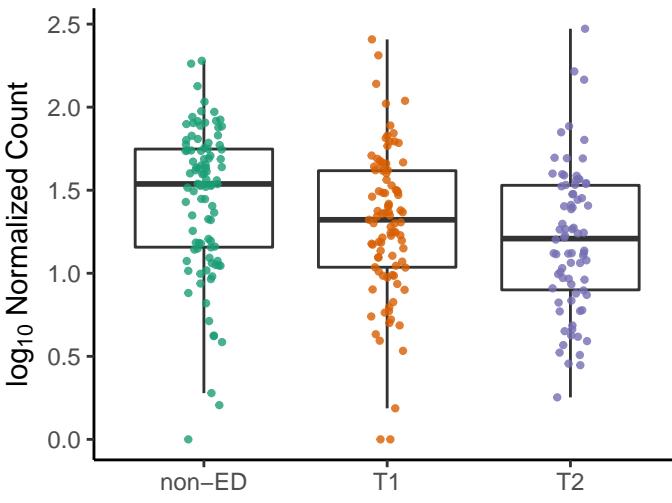
### *Dermabacter jinjuensis*

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.95



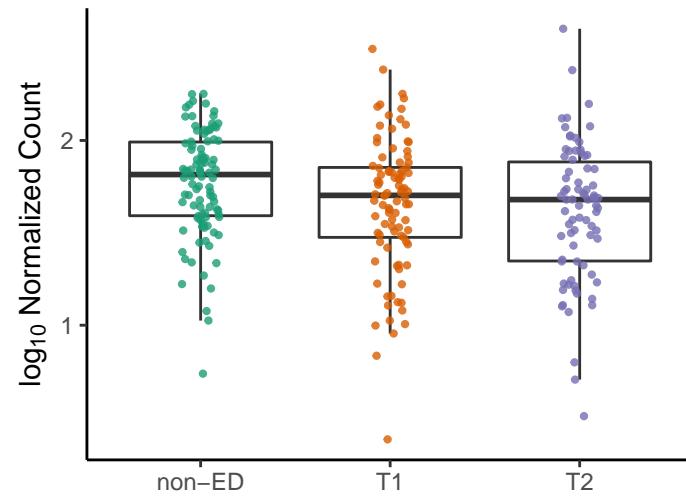
### *Thermodesulfobium acidiphilum*

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



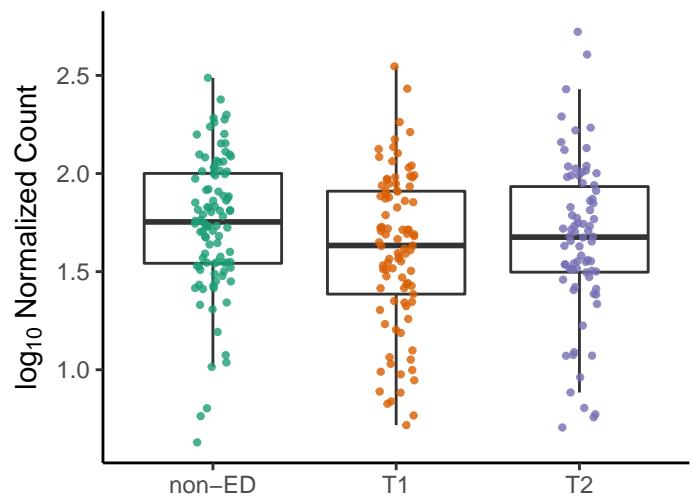
### *Chamaesiphon minutus*

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.73



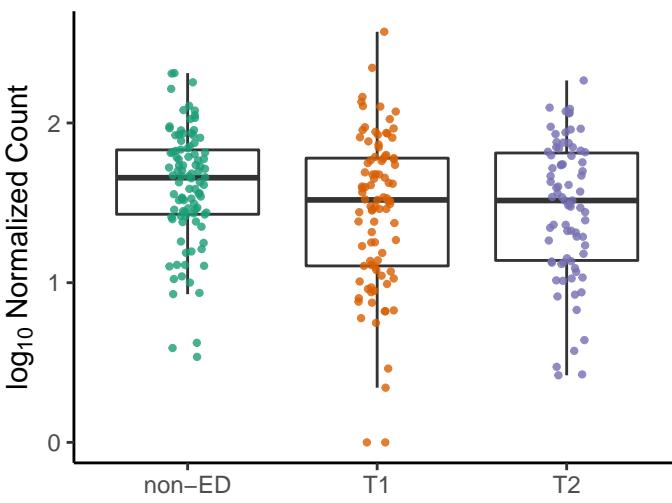
### *Cellvibrio* sp. PSBB006

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.72



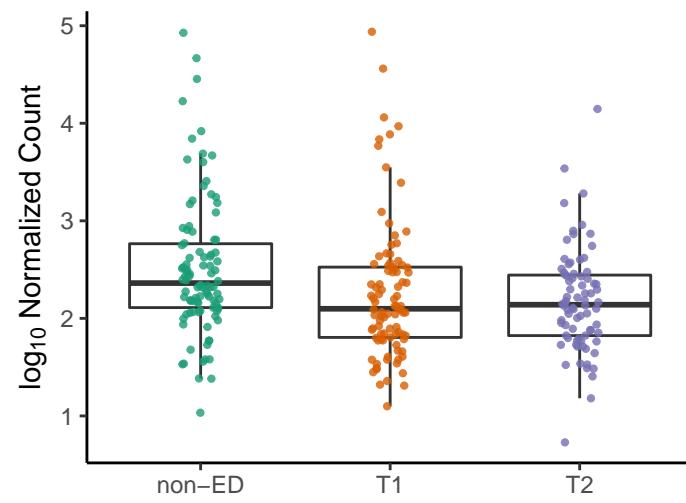
### *Porphyrobacter* sp. LM 6

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.85



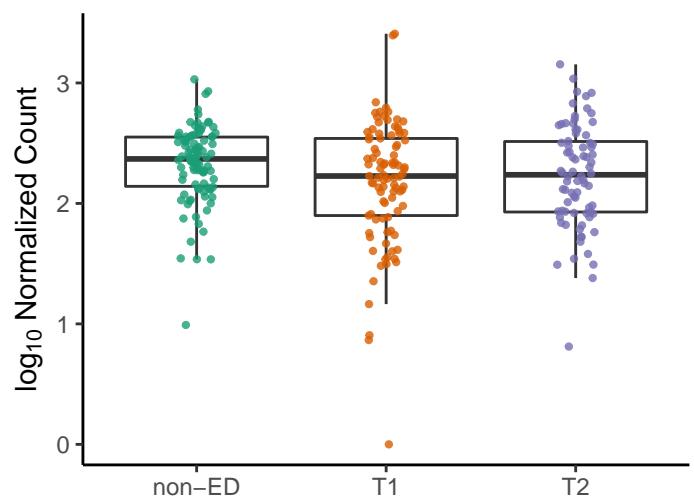
### *Lactobacillus paracasei*

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



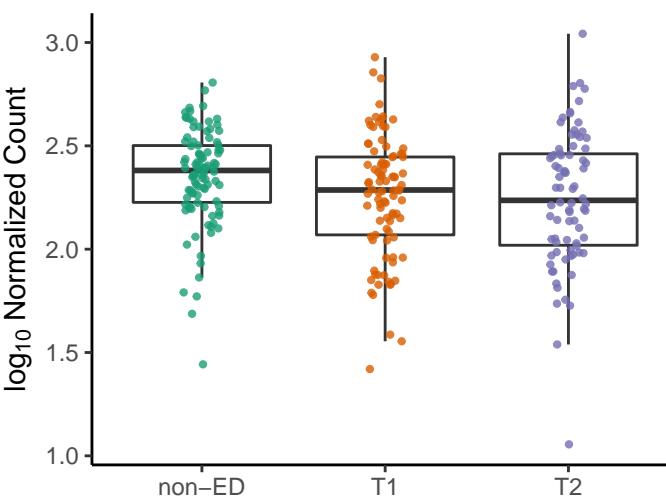
### *Pseudonocardia dioxanivorans*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.68



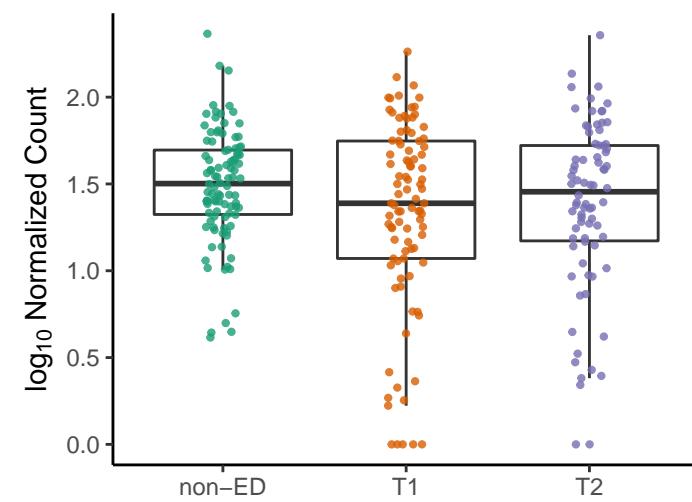
### *Paenibacillus* sp. DCT19

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



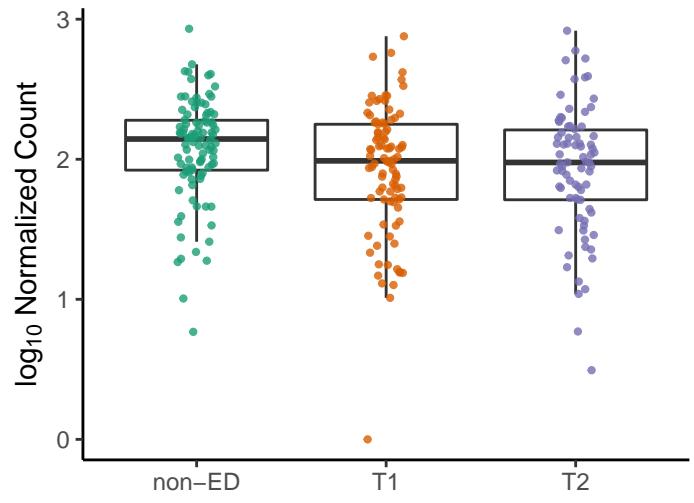
### *Acidilobus* sp. 7A

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.77



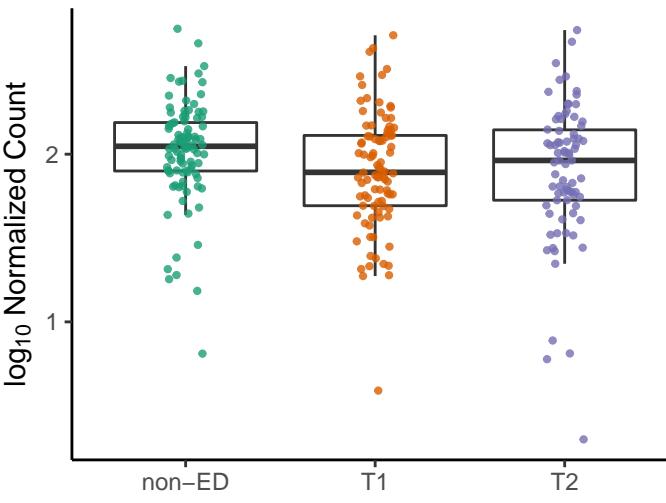
### Unclassified *Pandoraea* Genus

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.93



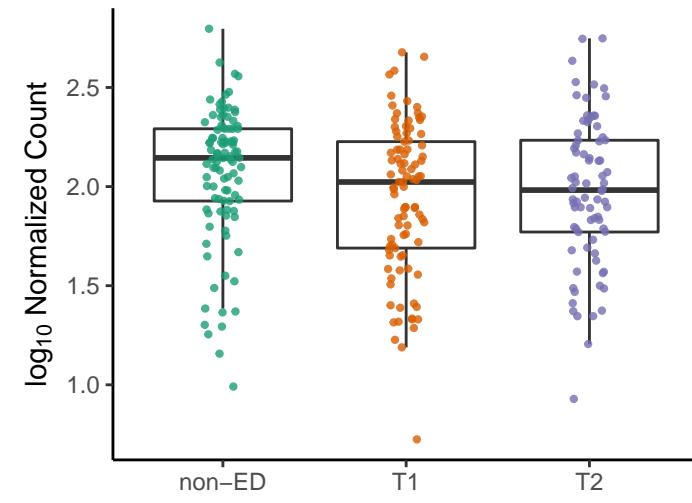
### *Methylomonas denitrificans*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.86



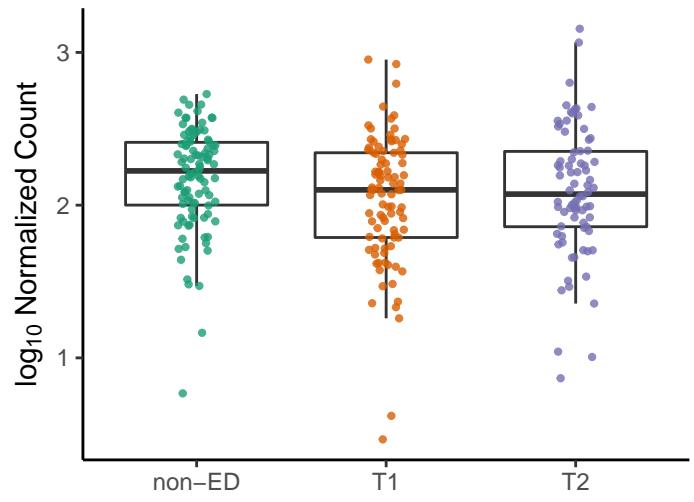
### *Planococcus plakortidis*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.69



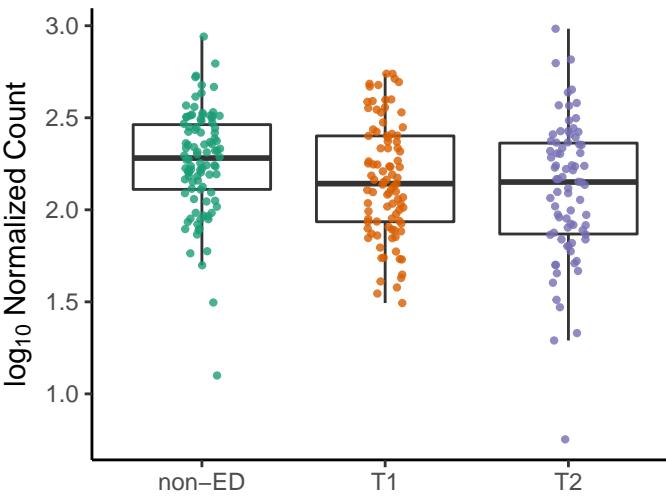
### *Massilia umbonata*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.67



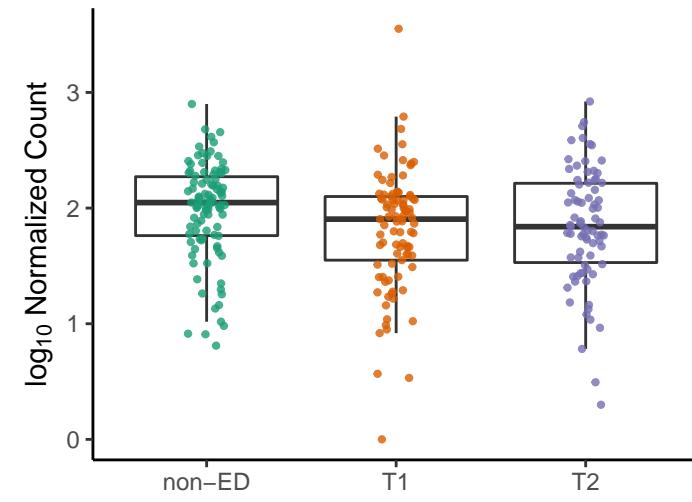
### *Clostridium scatologenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.69



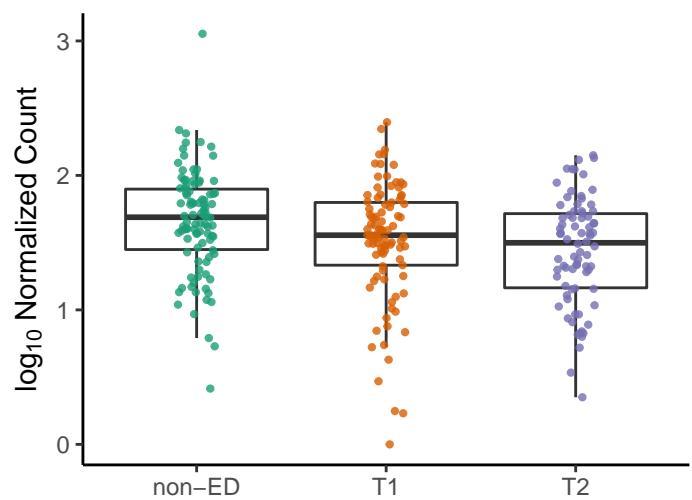
### *Streptomyces* sp. Tu 2975

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.77



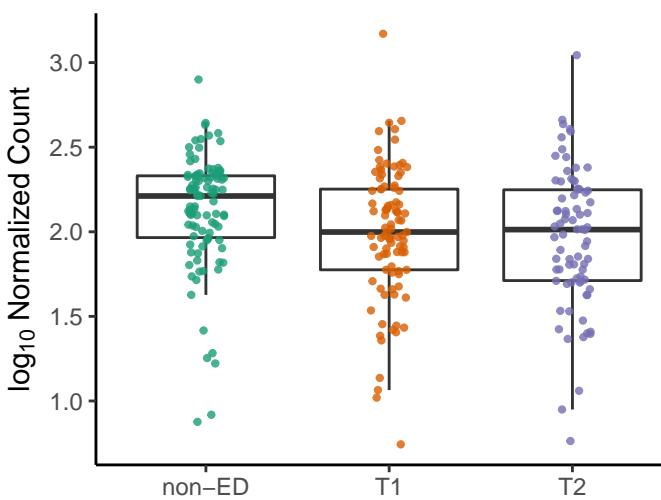
### *Pseudomonas moraviensis*

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



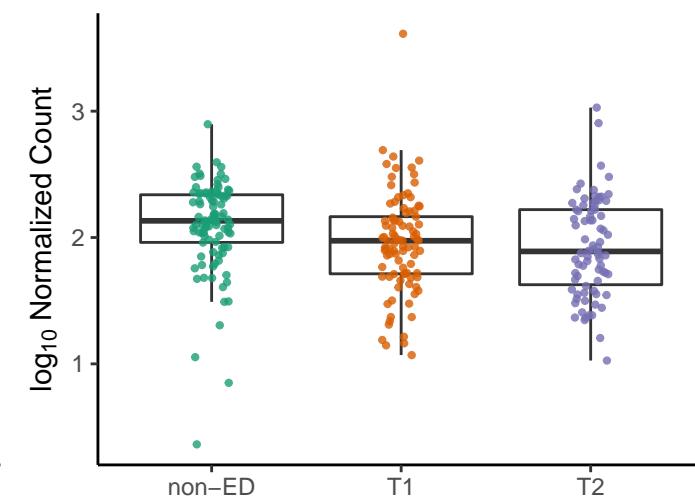
### *Staphylococcus epidermidis*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.9



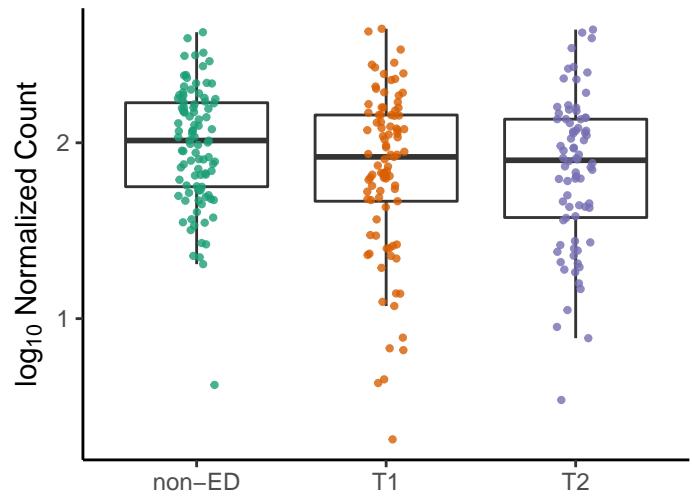
### *Lactobacillus jensenii*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.77



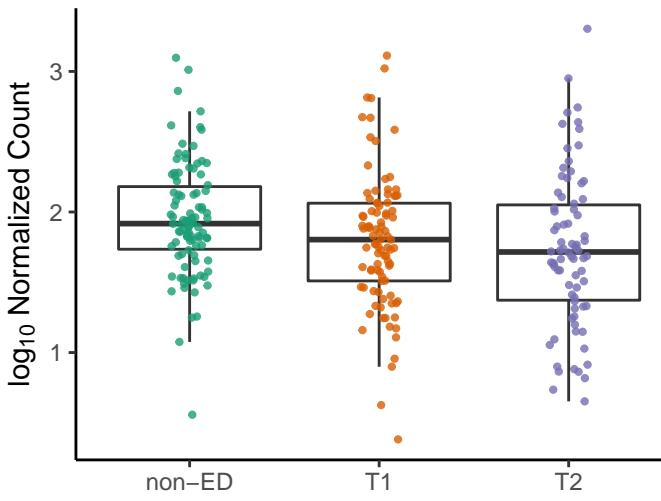
### *Micromonospora purpureochromogenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.79



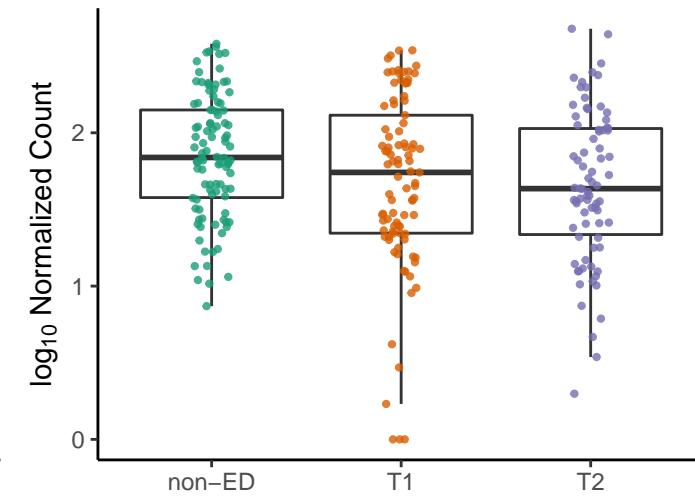
### Unclassified Haemophilus Genus

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



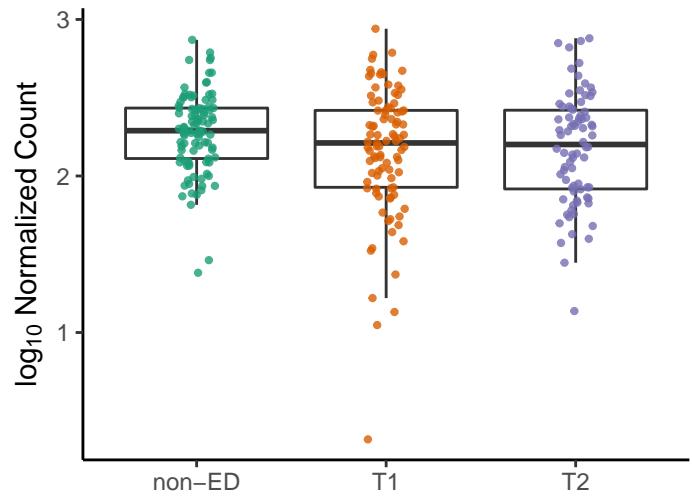
### *Xylanimonas cellulosilytica*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.93



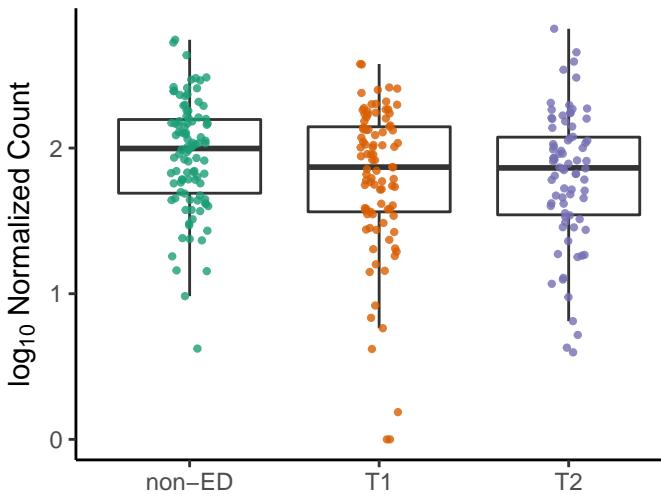
### *Paraoceanicella profunda*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.087  
 T1 vs. T2 adjusted p = 0.8



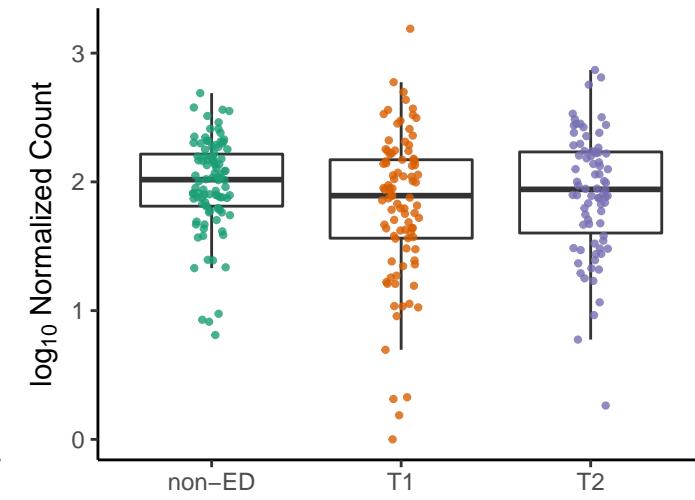
### *Armatimonadetes bacterium Uphvl-Ar2*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.98



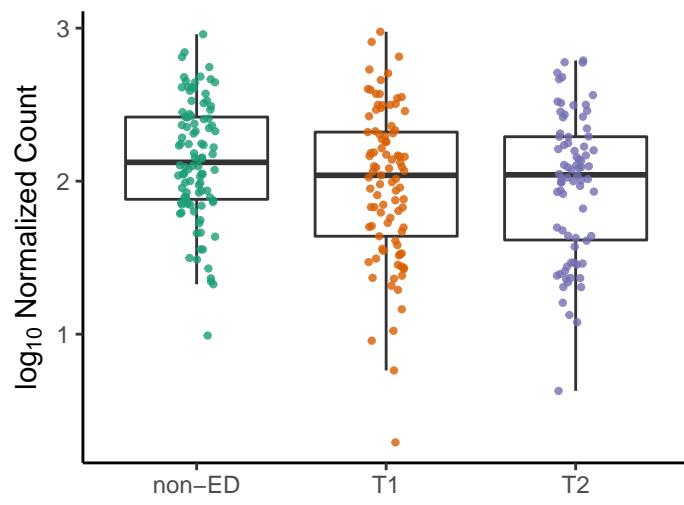
### *Pseudomonas denitrificans* (nomen rejiciendum)

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.38  
 T1 vs. T2 adjusted p = 0.57



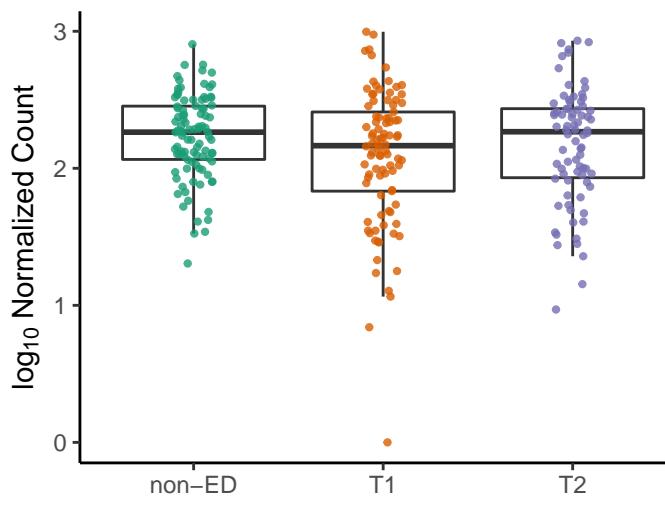
### *Pimelobacter simplex*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.98



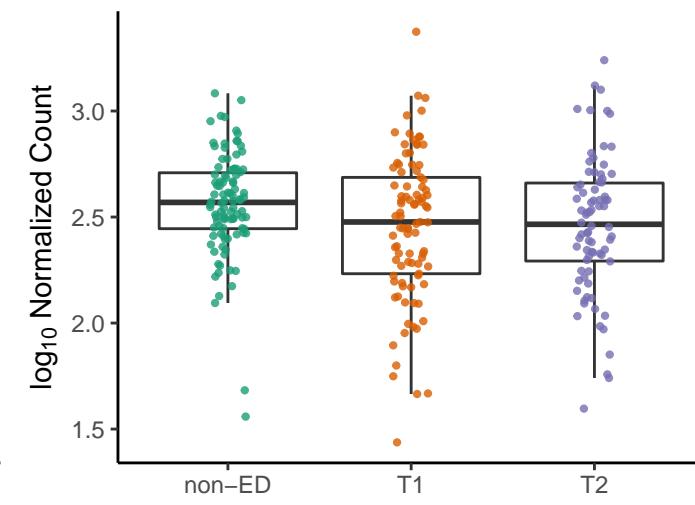
### *Pseudomonas psychrotolerans*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.62



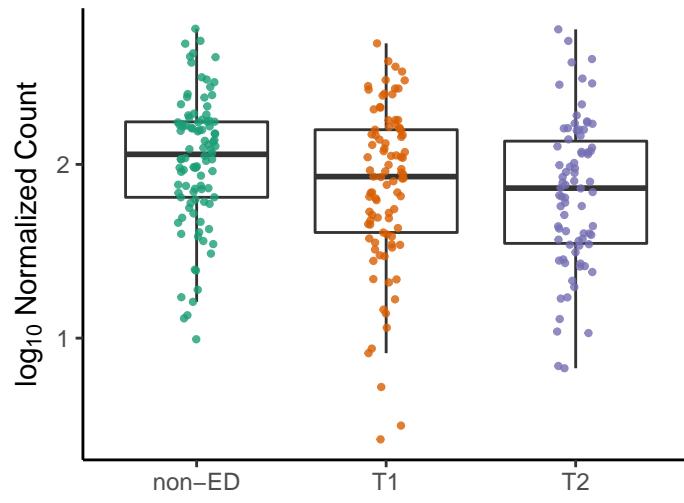
### *Desulfallas gibsoniae*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.94



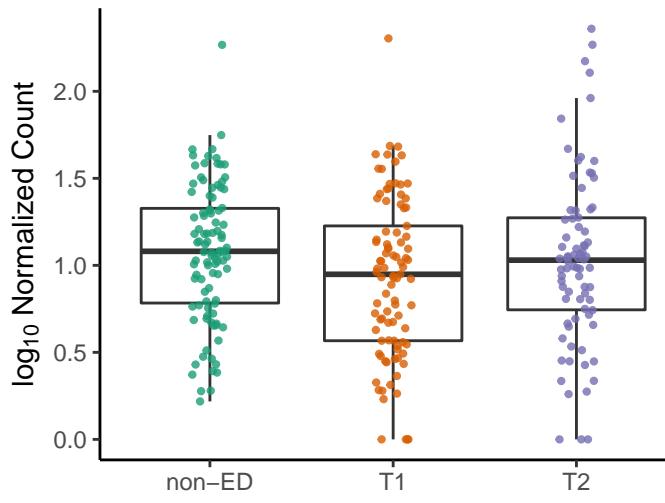
### *Aquabacterium olei*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



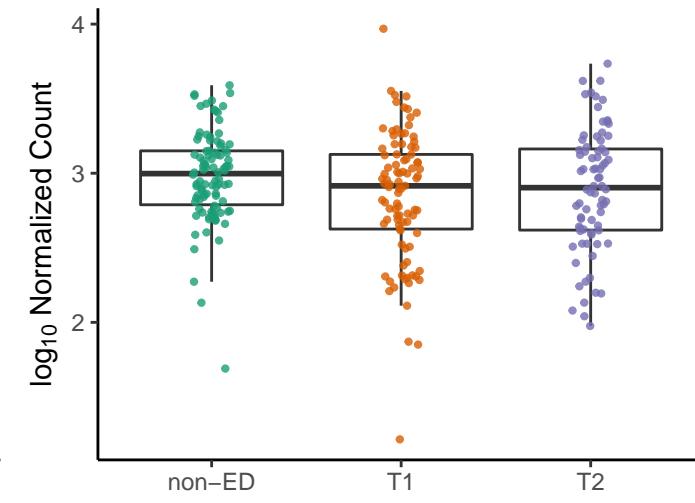
### Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.61  
 T1 vs. T2 adjusted p = 0.65



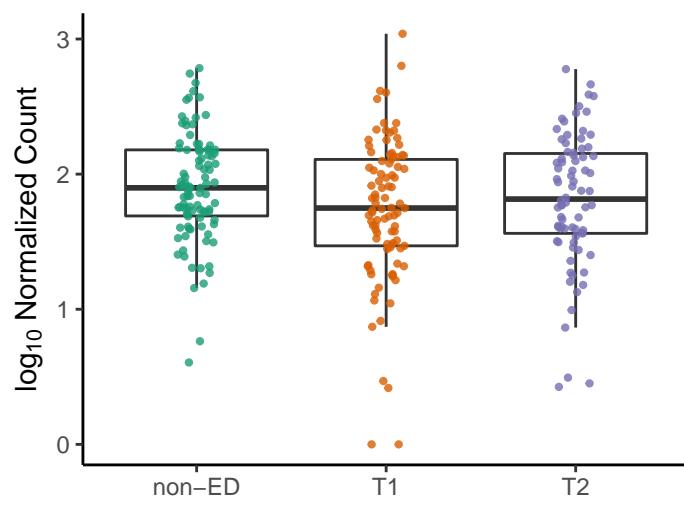
### Unclassified Micrococcales Order

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.67



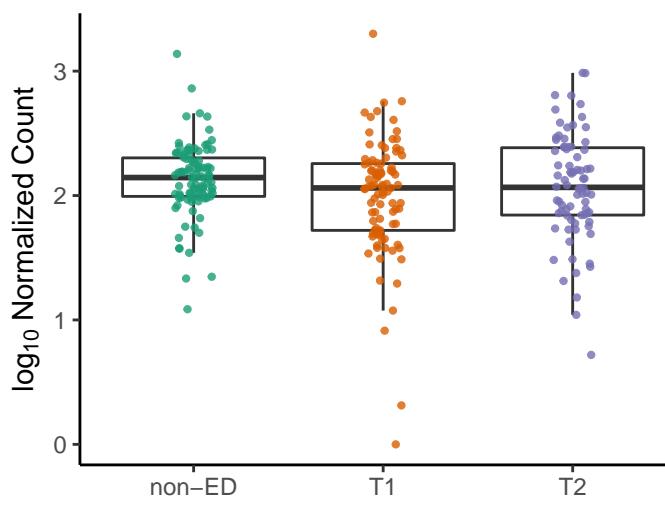
### *Yoonia vestfoldensis*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.66



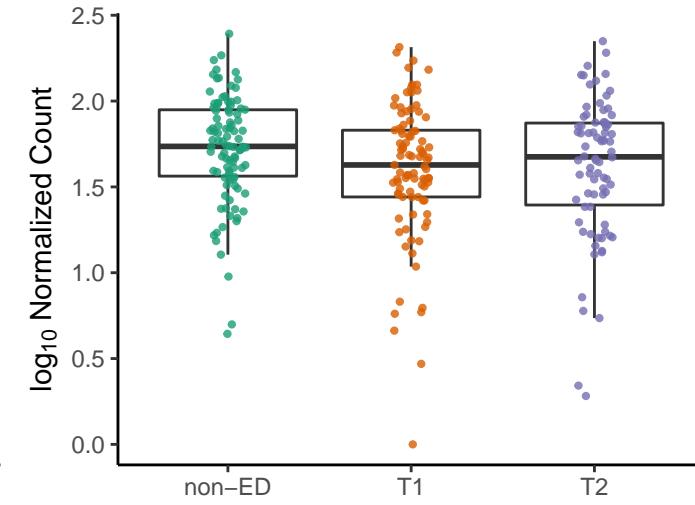
### *Stappia indica*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.43  
 T1 vs. T2 adjusted p = 0.49



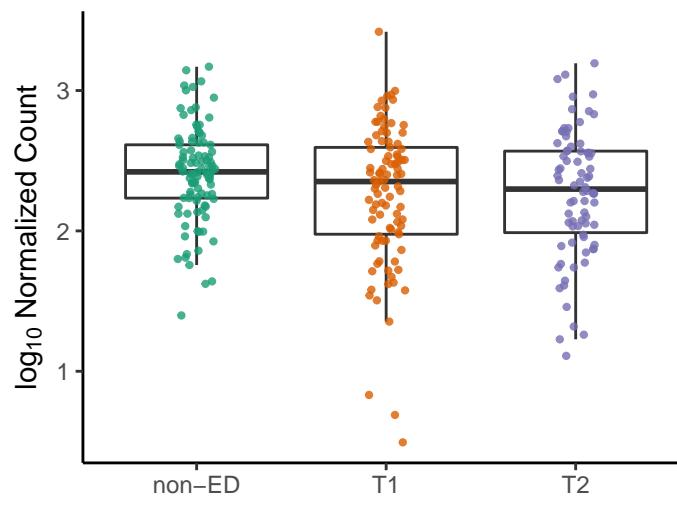
### *Marinobacter sp. LV10R510–11A*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.88



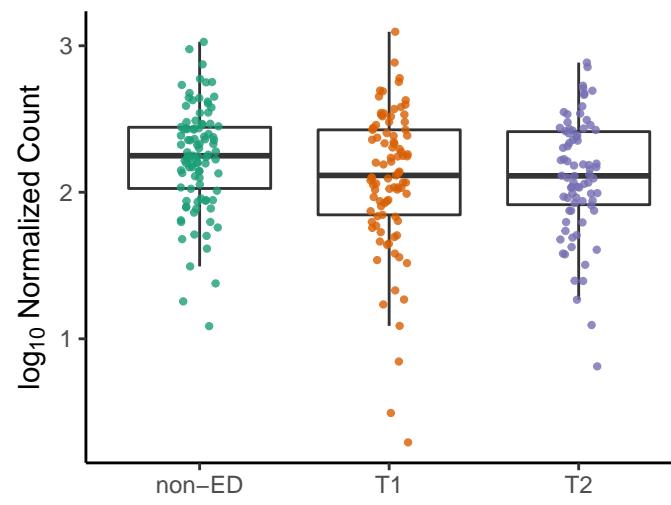
### Planctomycetes bacterium EIP

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.83



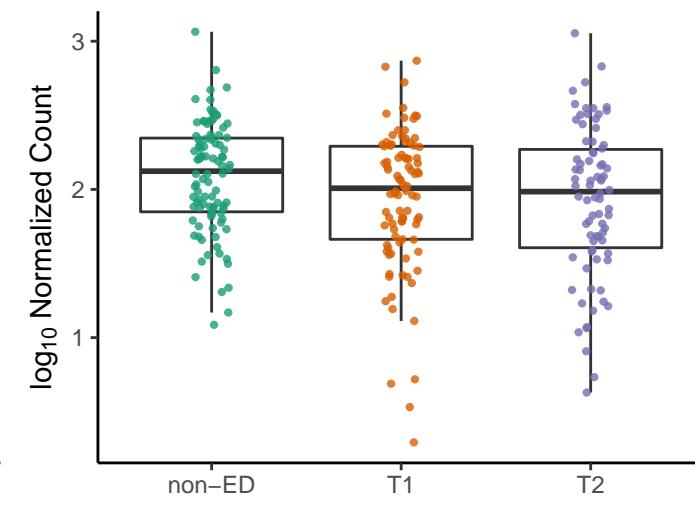
### Rhodoferax koreense

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.77



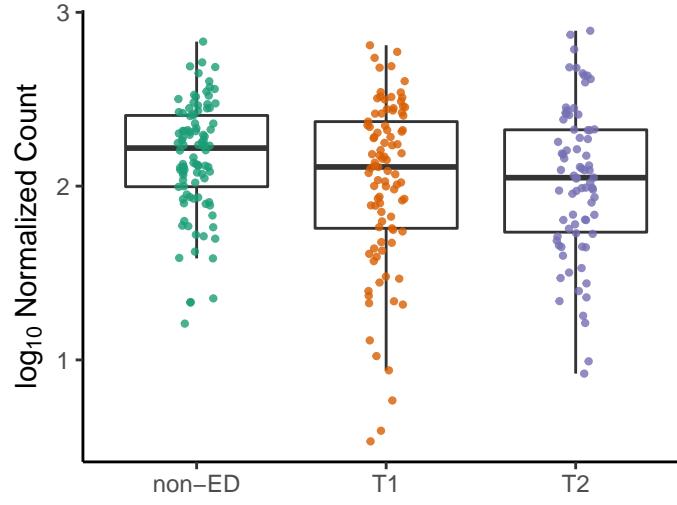
### Actinopolyspora erythraea

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.99



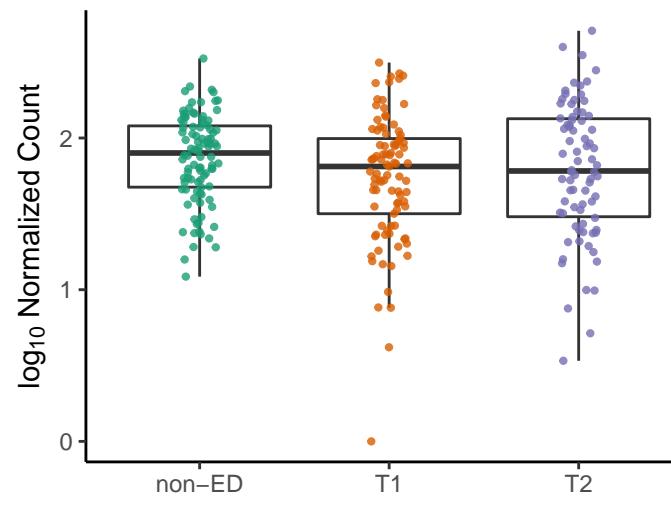
### Roseateles depolymerans

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.93



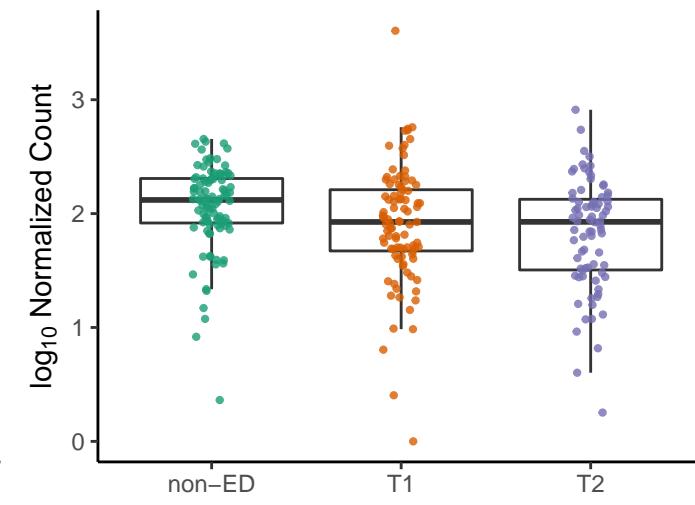
### Marinobacter salinus

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.68



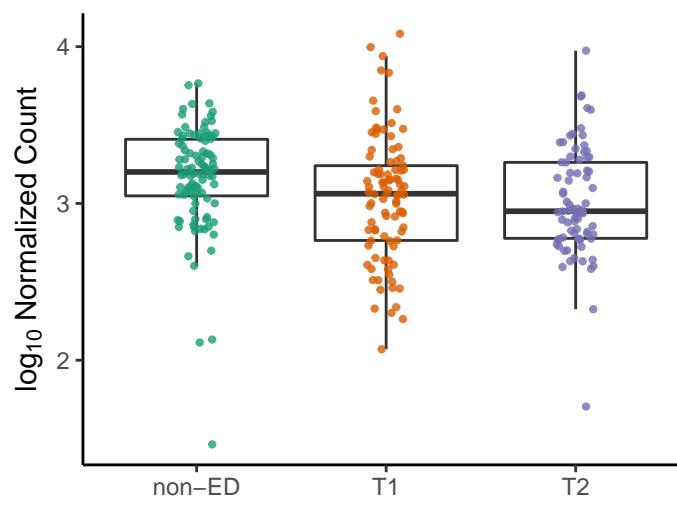
### Arcobacter butzleri

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



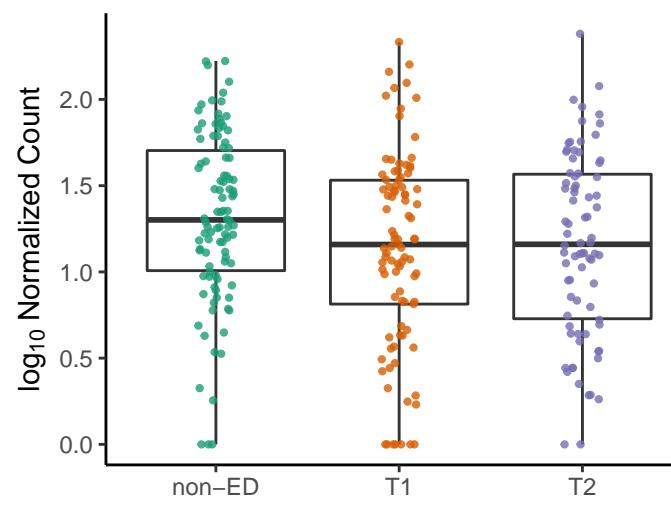
### Campylobacter coli

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.91



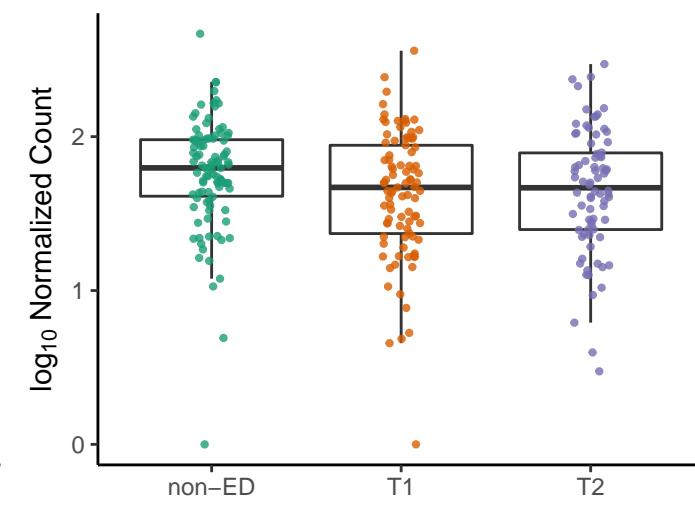
### Halanaeroarchaeum sulfurireducens

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.87



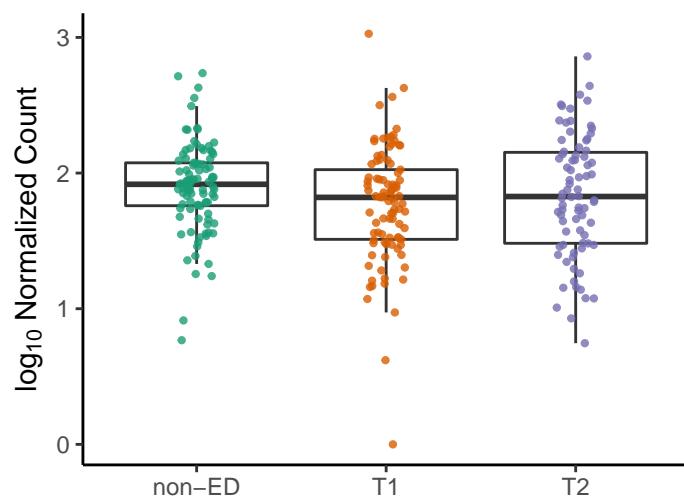
### Stanieria cyanosphaera

non-ED vs. T1 adjusted p = 0.06  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.8



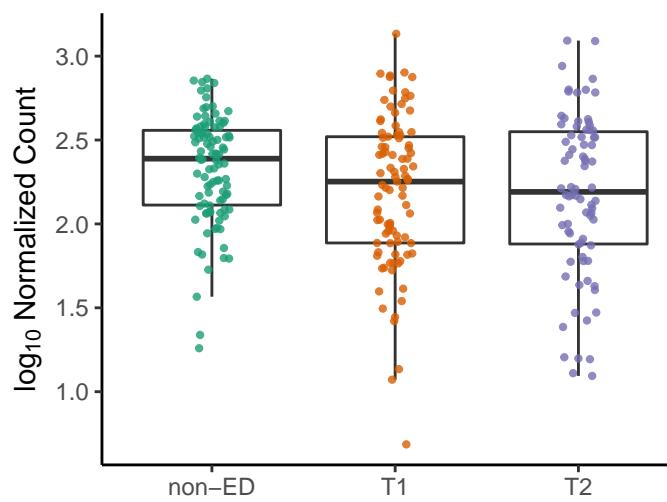
### *Azotobacter salinestris*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.68



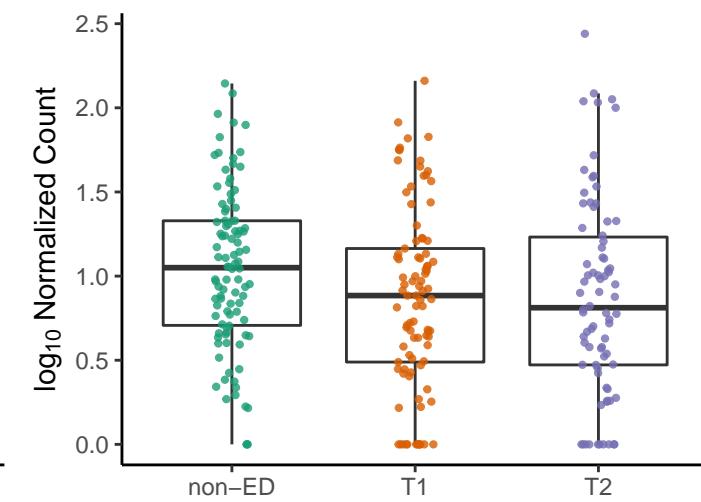
### *Actinoplanes derwentensis*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.89



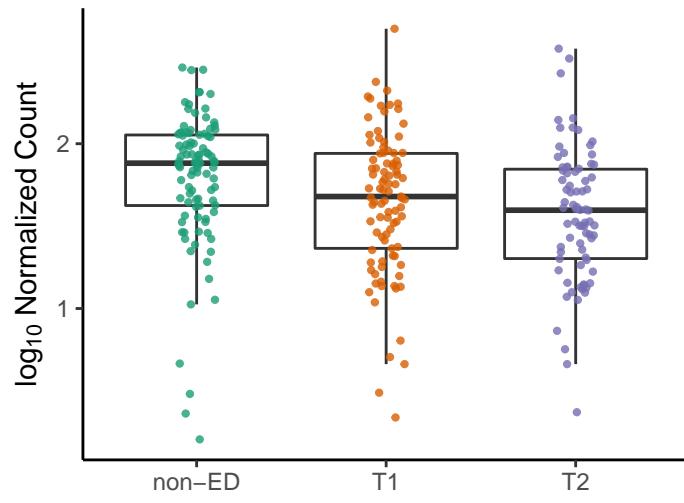
### *Candidatus Kinetoplastibacterium blast*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.98



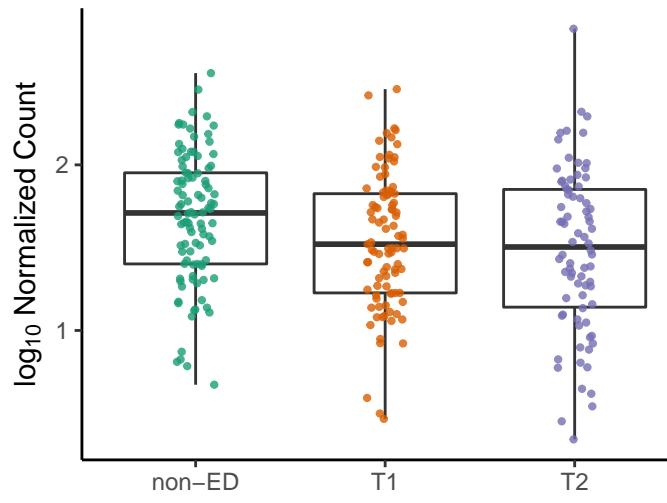
### *Nonlabens dokdonensis*

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



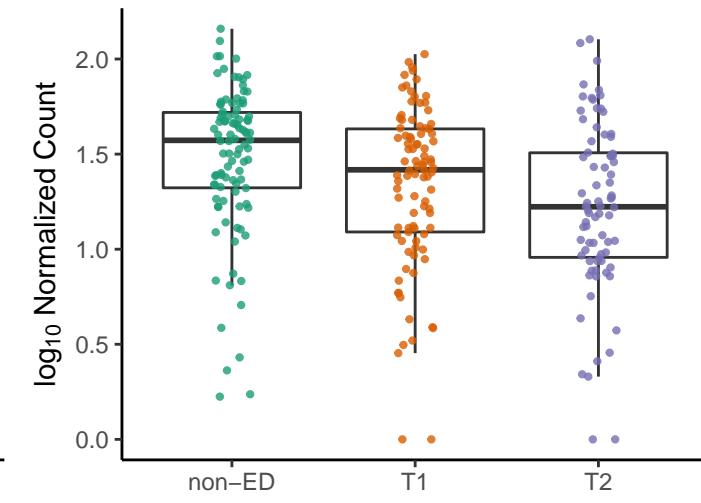
### *Neisseria subflava*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.93



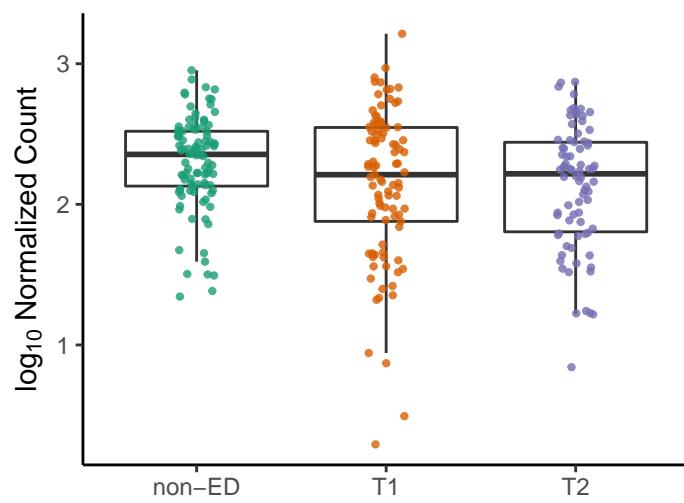
### *Bacillus albus*

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



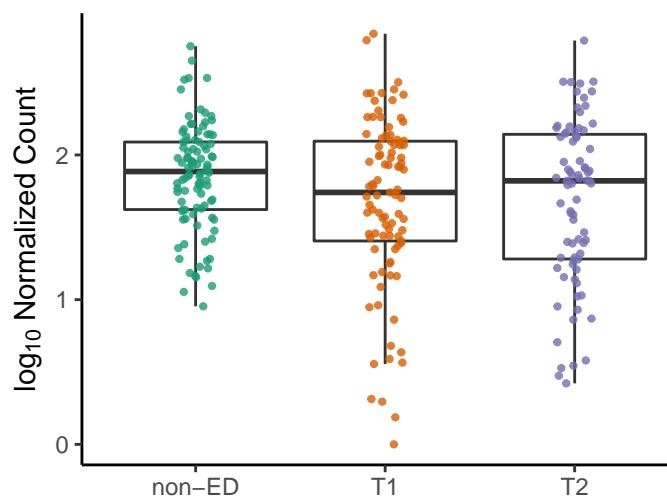
### *Euzebya sp. DY32-46*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



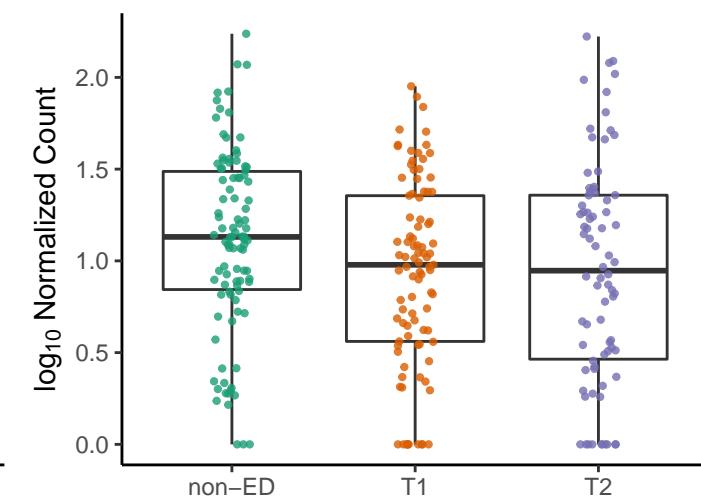
### *Sterolibacteriaceae bacterium J5B*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.86



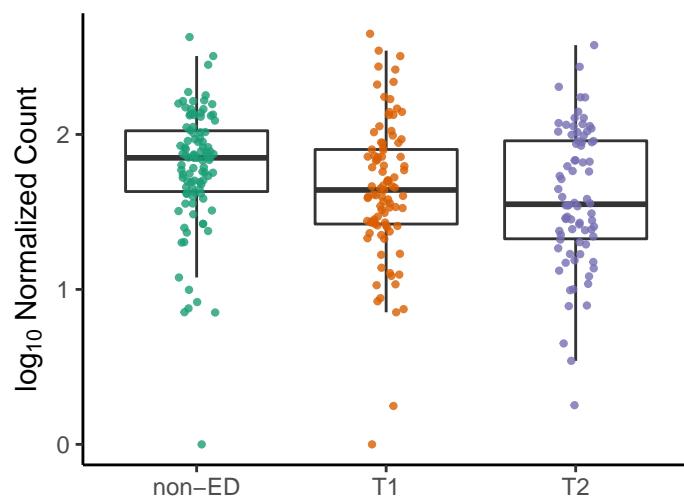
### *Exiguobacterium sp. U13-1*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.99



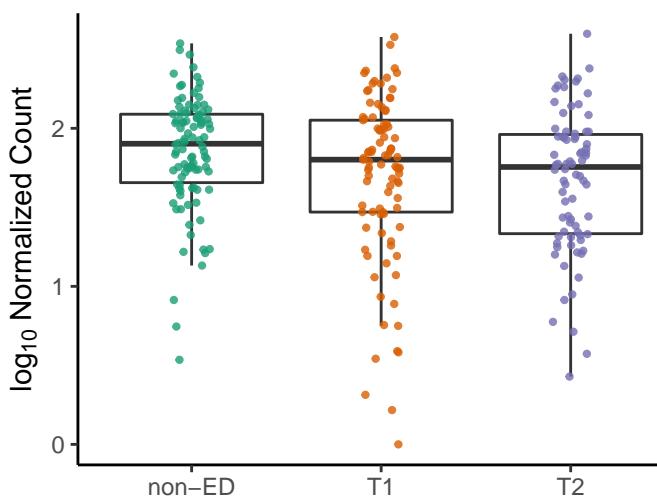
### *Staphylococcus caprae*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.77



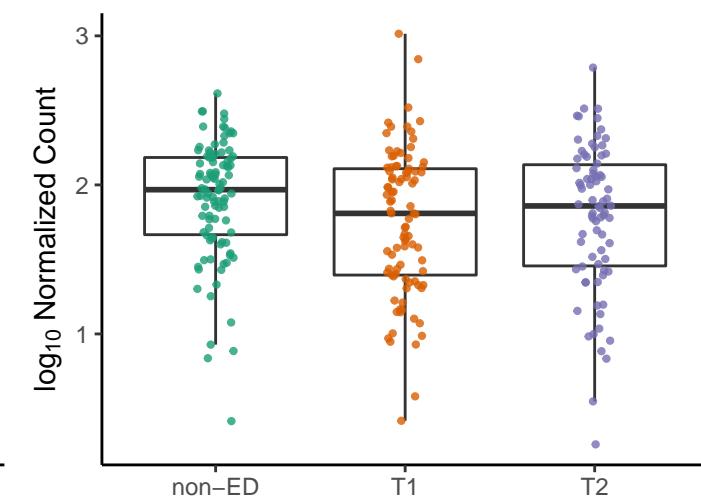
### *Sterolibacterium denitrificans*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.88



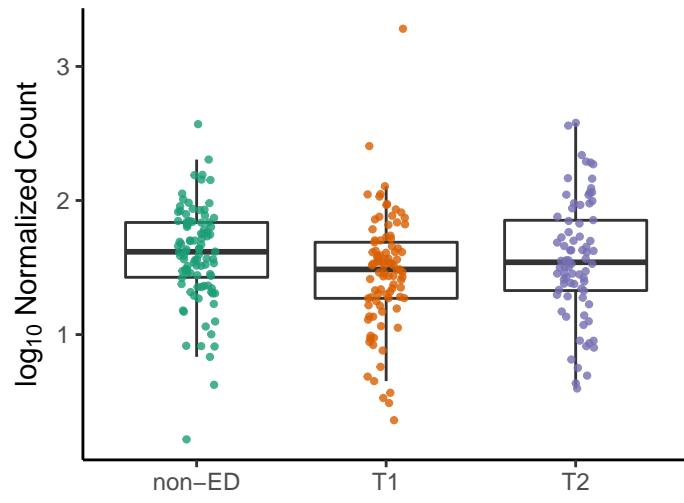
### *Cobetia* sp. L2A1

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.72



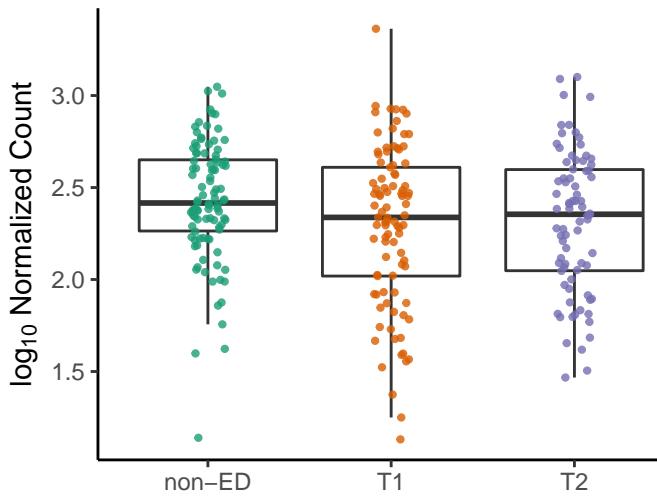
### *Lactobacillus frumenti*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.66  
 T1 vs. T2 adjusted p = 0.56



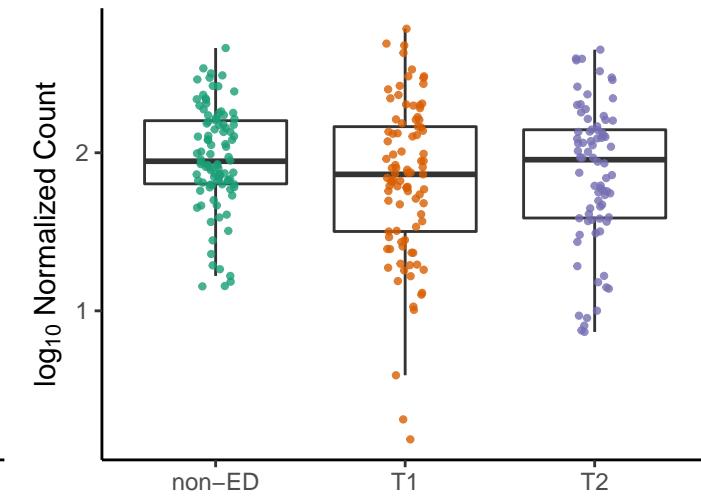
### *Stigmatella aurantiaca*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.79



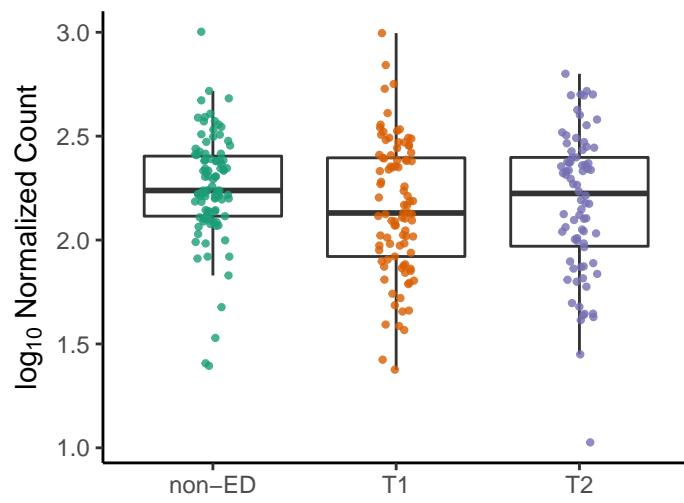
### *Mycolicibacterium tokaiense*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.69



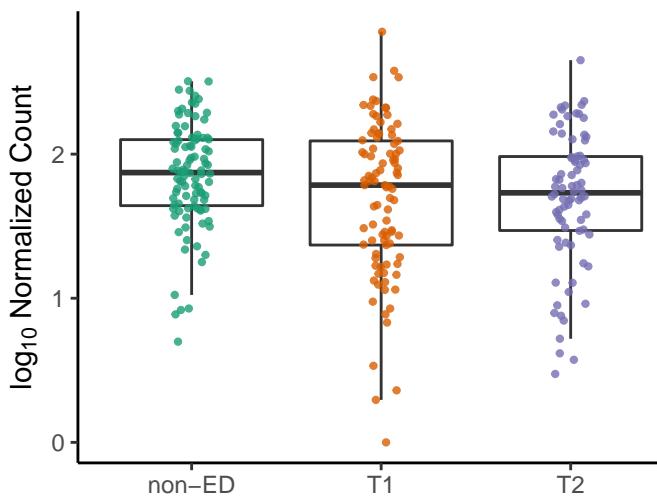
### *Paenibacillus* sp. FSL H7-0737

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.77



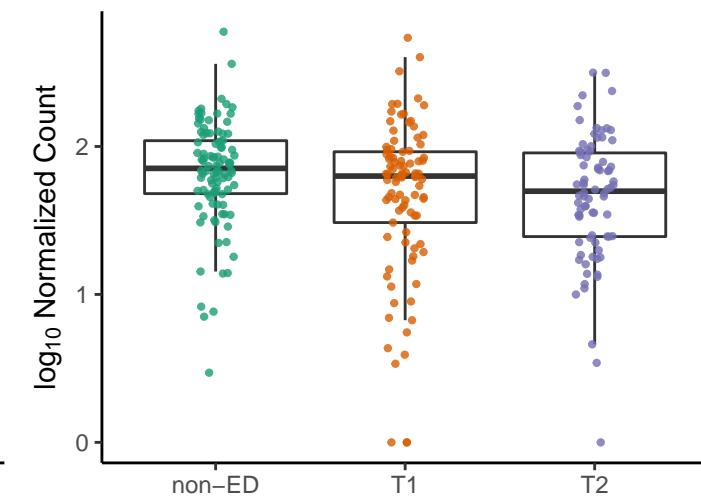
### *Sphingobium* sp. SYK-6

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.95



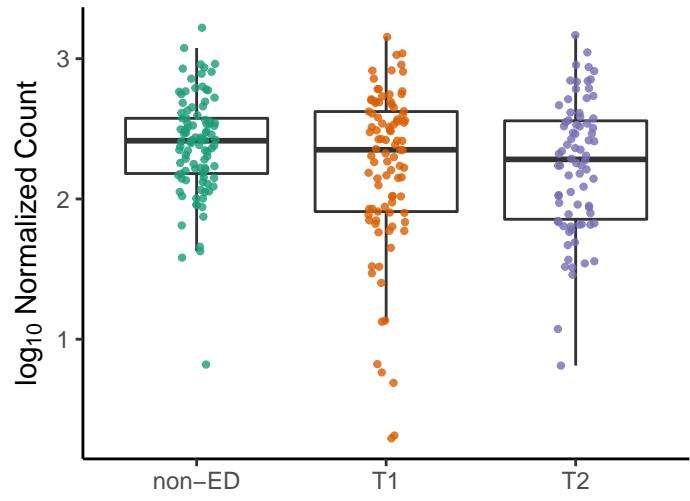
### *Kozakia baliensis*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



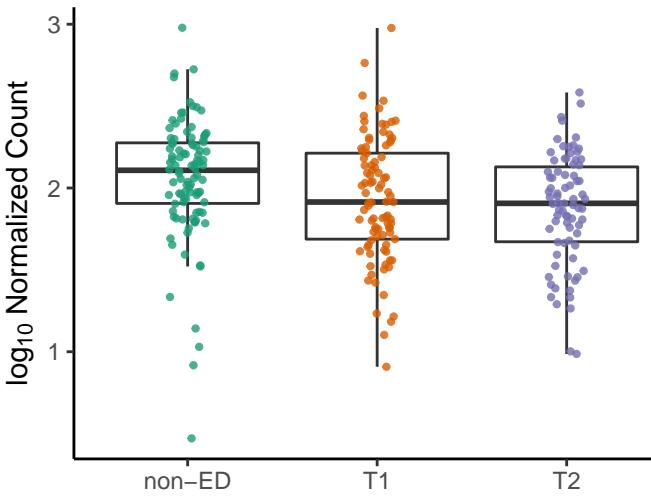
### *Lacunisphaera limnophila*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.86



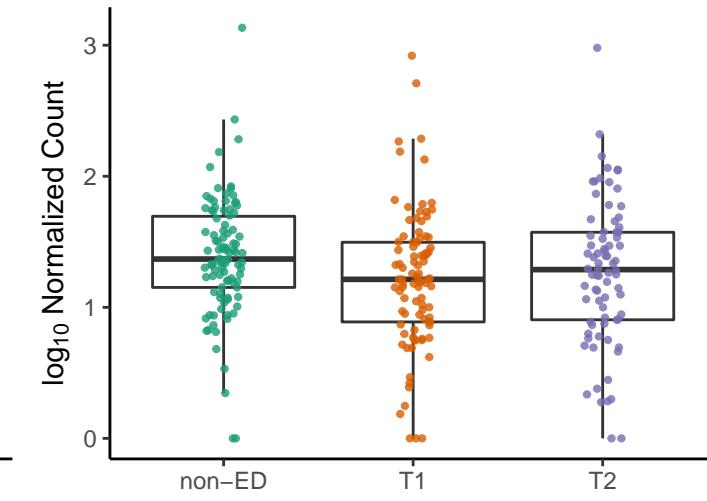
### *Flavobacterium columnare*

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



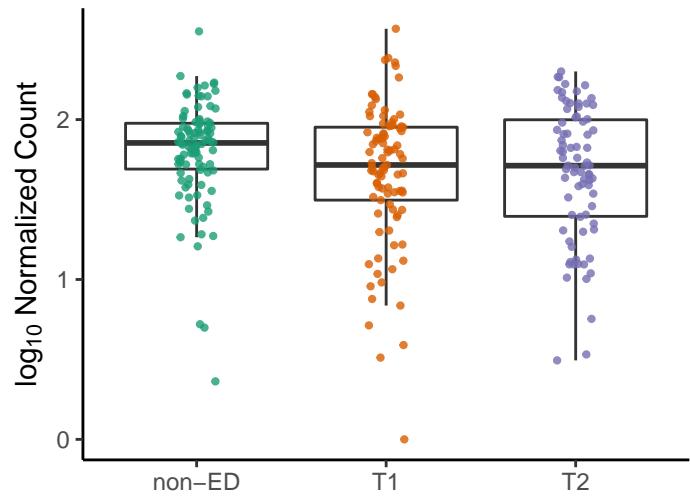
### *Archaeoglobus sulfaticallidus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.81



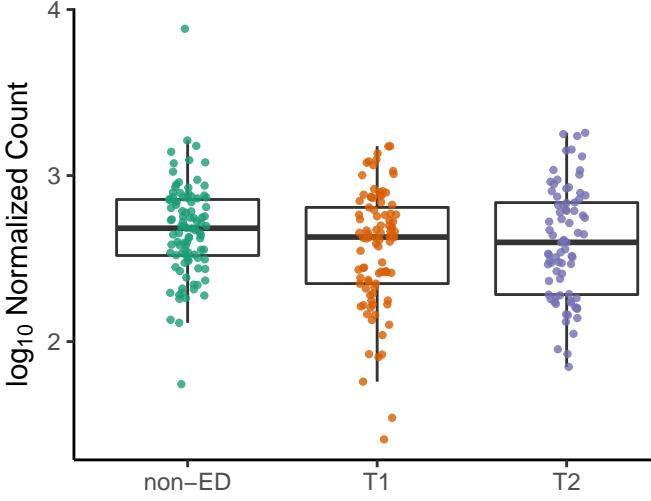
### Planctomycetes bacterium Pan161

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.82



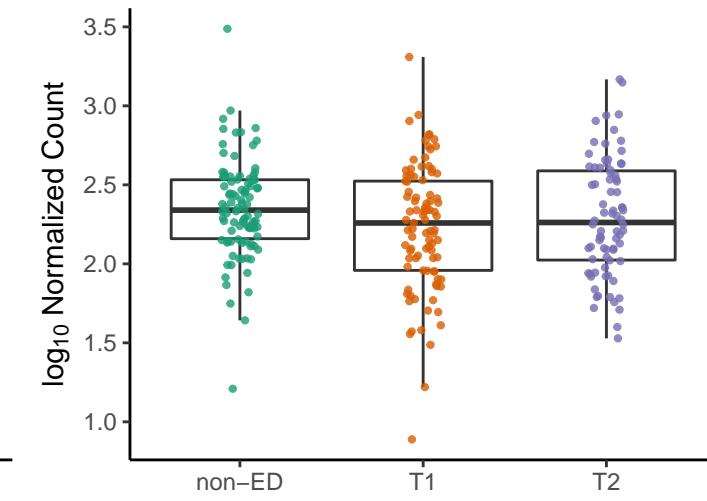
### *Pseudomonas chlororaphis*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.72



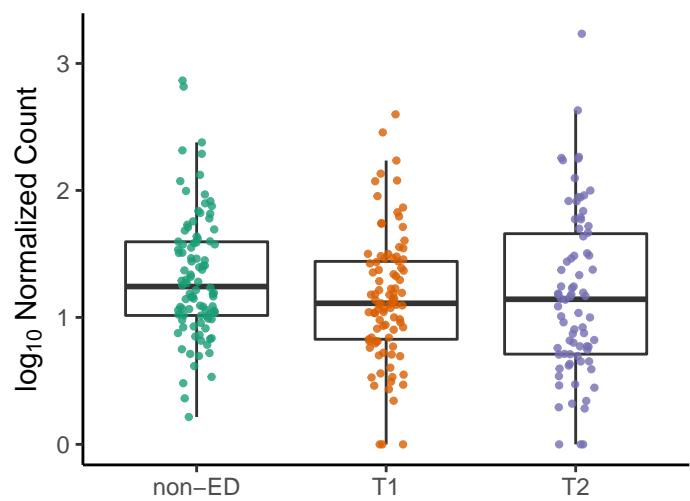
### *Streptomyces hygroscopicus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.61



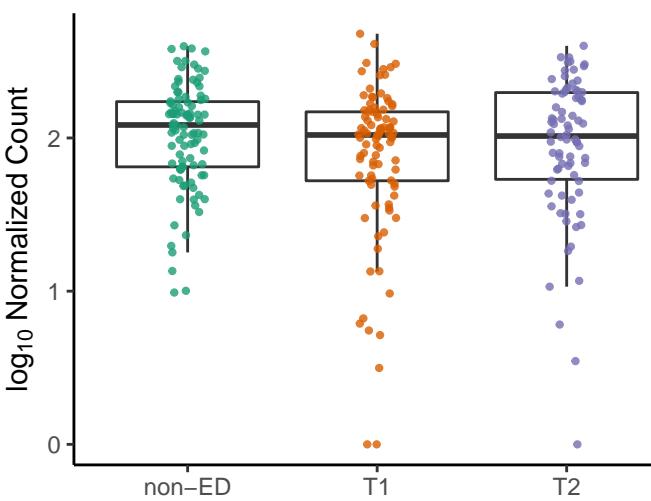
### *Candidatus Kinetoplastibacterium desou*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.97



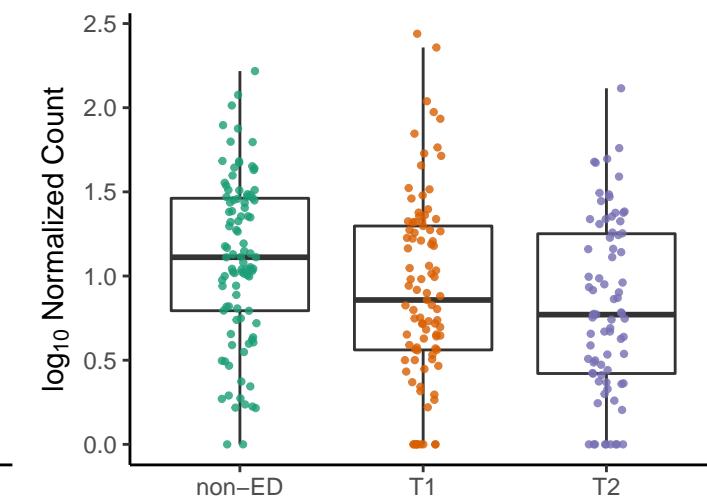
### *Mycobacterium helvum*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.61



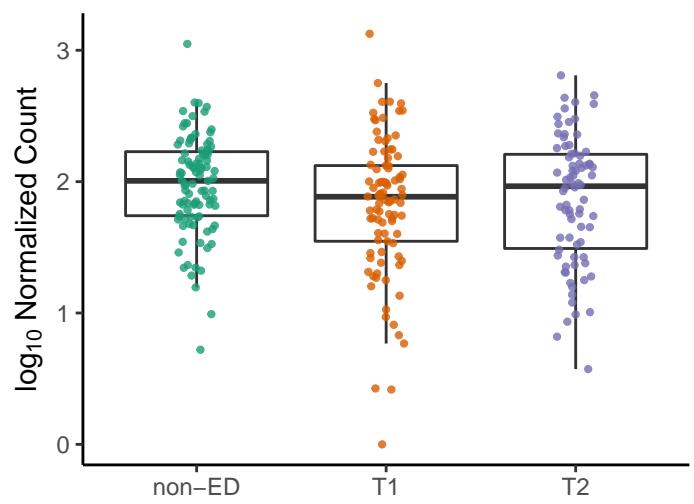
### *Apibacter sp. B3706*

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



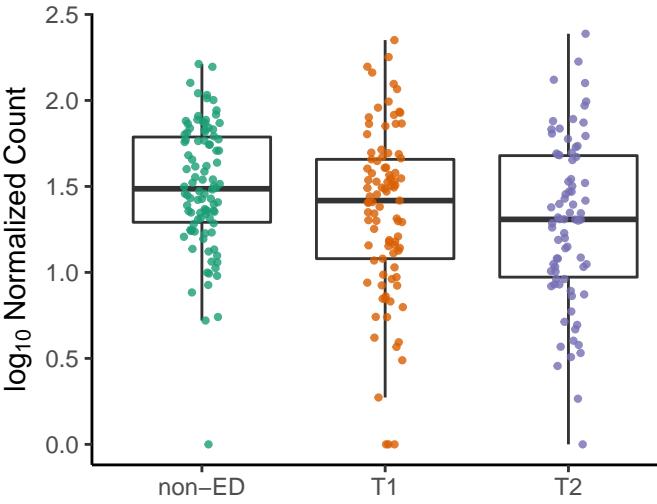
### Dyella thiooxydans

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.67



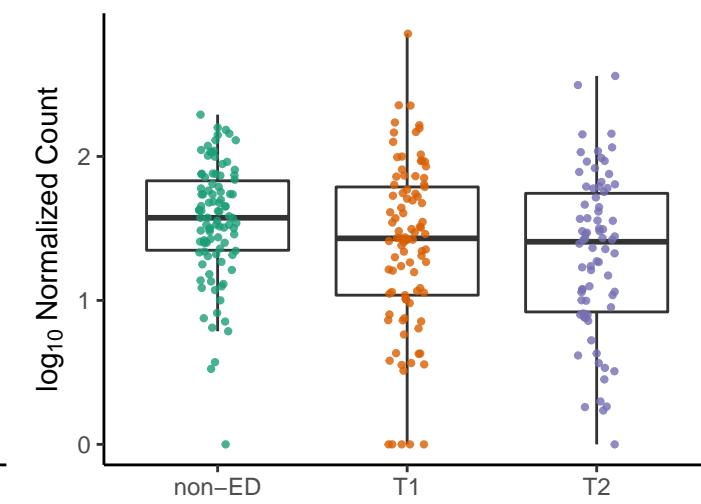
### Exiguobacterium sp. MH3

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



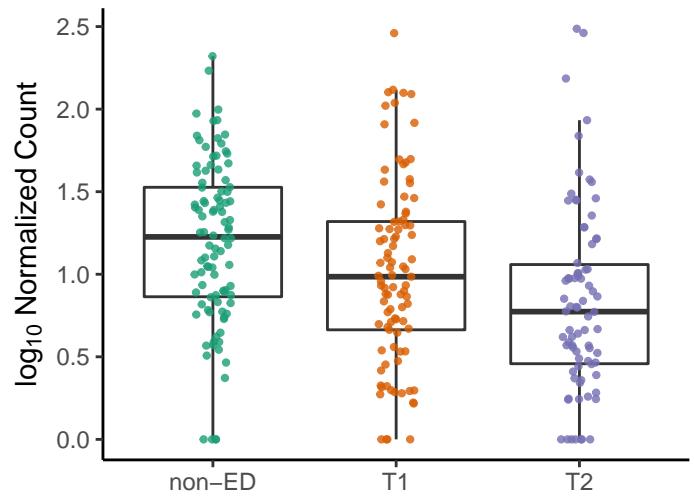
### Methanobacterium formicum

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



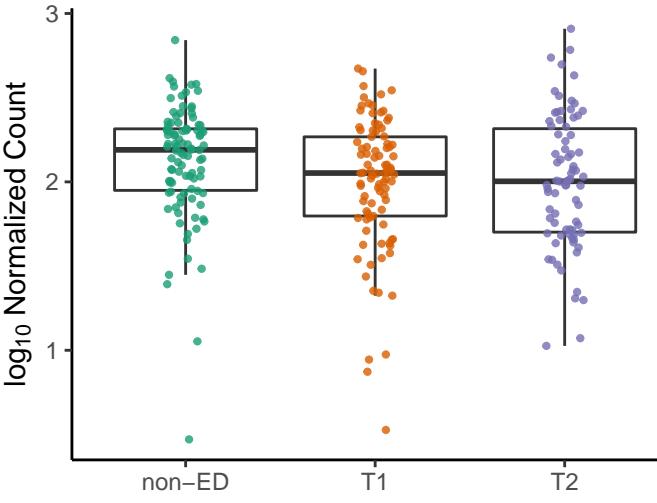
### Mycoplasma maculosum

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



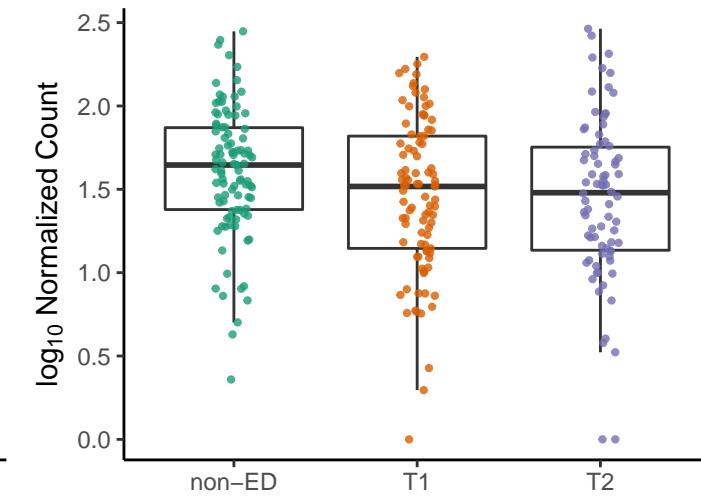
### Bacillus sp. X1(2014)

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.98



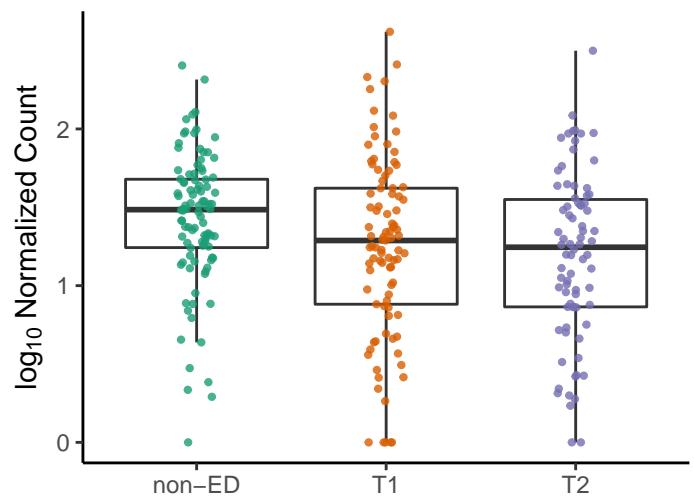
### Candidatus Riesia pediculicola

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.95



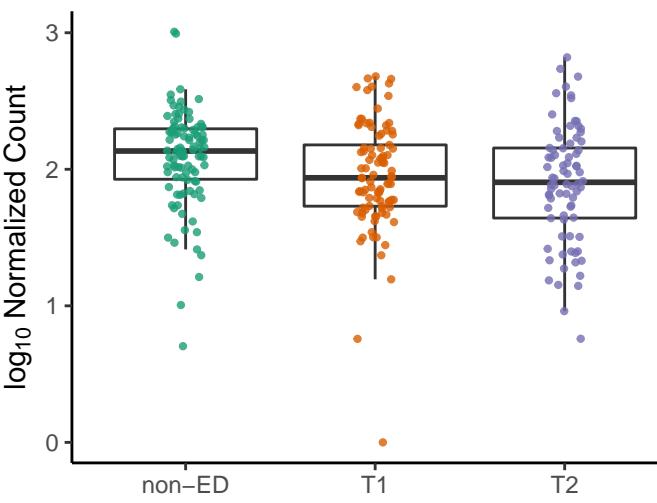
### Cnubacter physcomitrellae

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



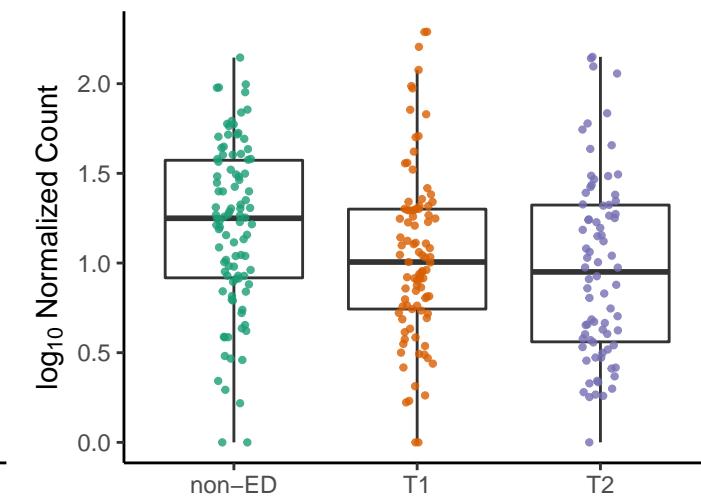
### Fusobacterium gonidiaformans

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



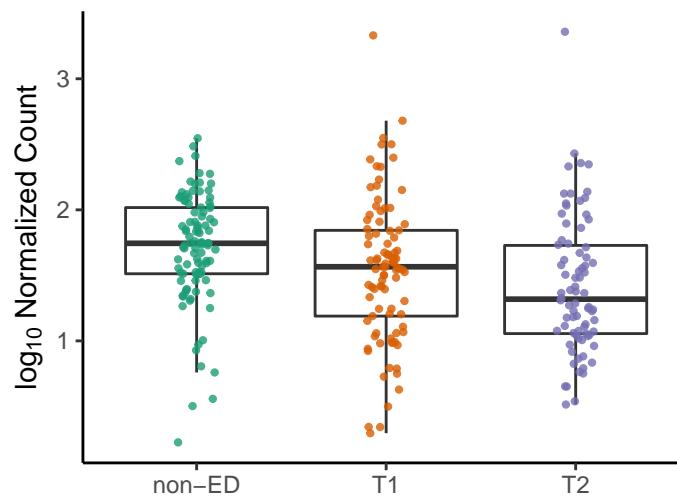
### alpha proteobacterium HIMB59

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



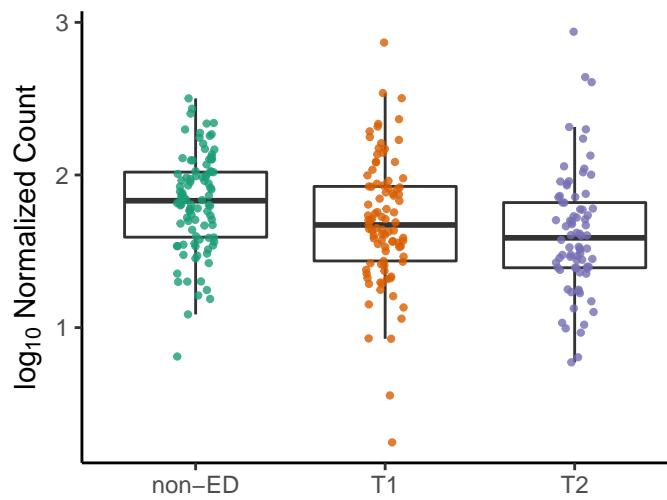
### *Arcobacter mytili*

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



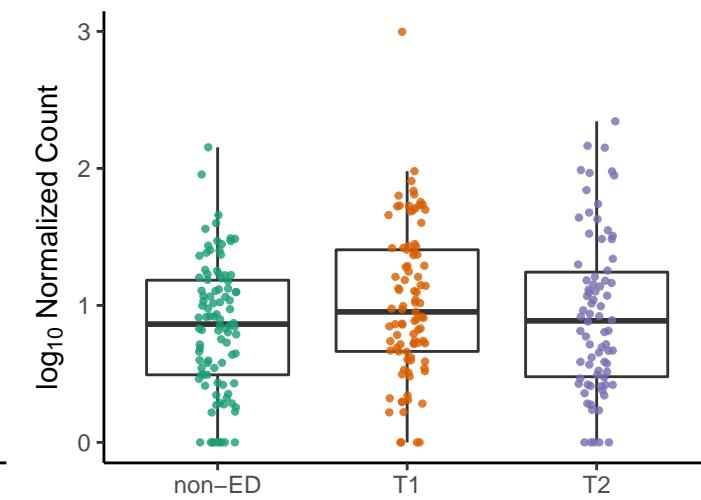
### *Scheffersomyces stipitis*

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



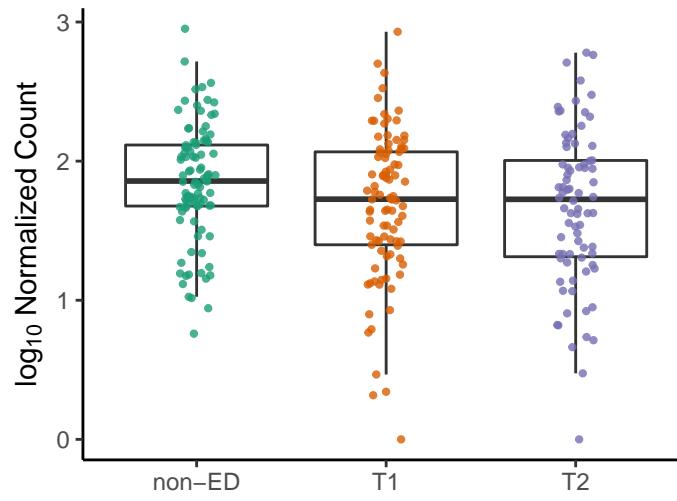
### Unclassified Nitrosococcus Genus

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.35  
 T1 vs. T2 adjusted p = 0.77



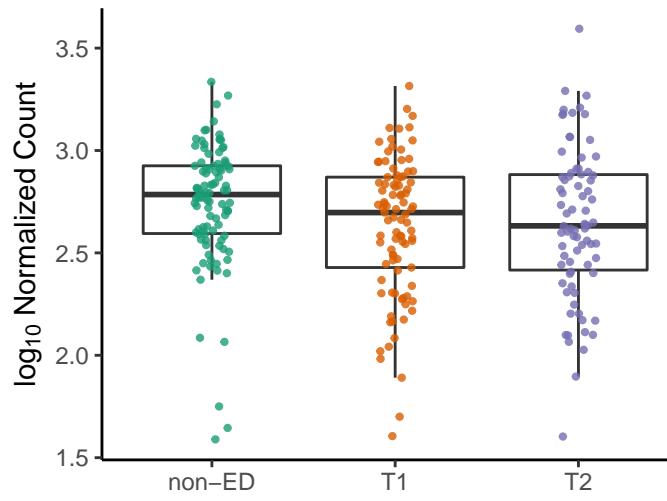
### *Janthinobacterium svalbardensis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.94



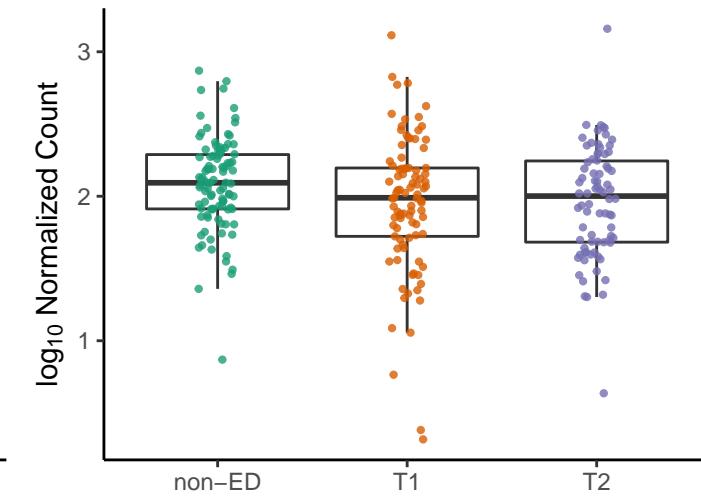
### *Treponema brennaboreense*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.79



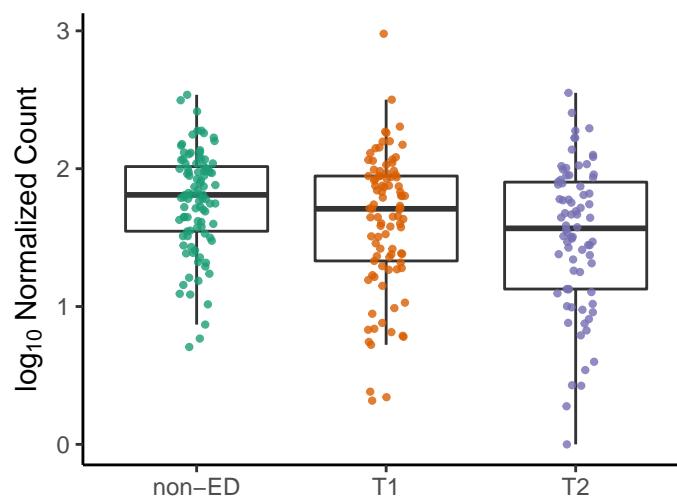
### Unclassified Brucella Genus

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.77



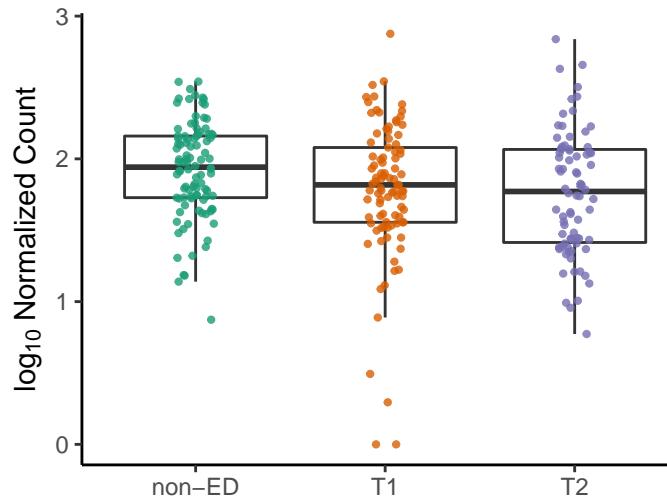
### *Burkholderia* sp. OLGA172

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



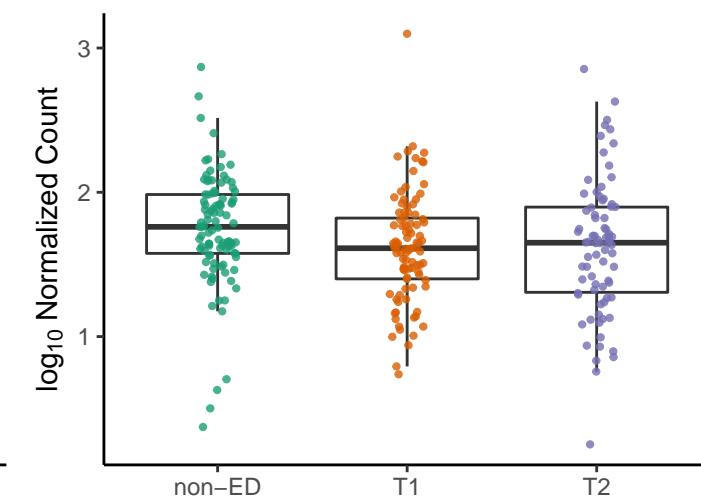
### *Isoptericola dokdonensis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.98



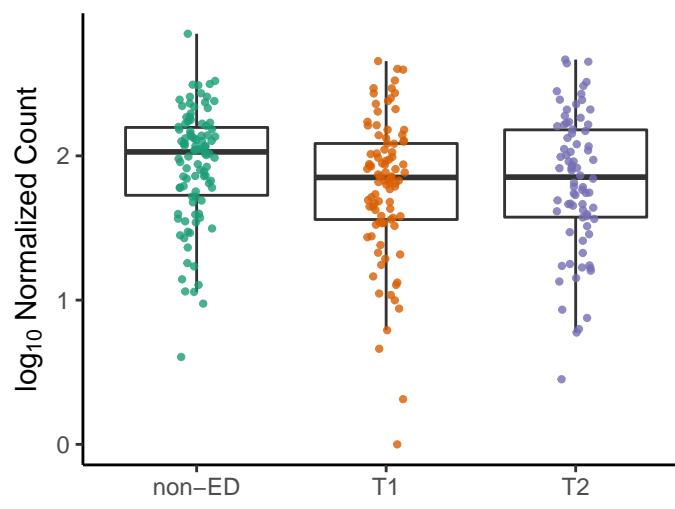
### *Lactobacillus nenjiangensis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.88



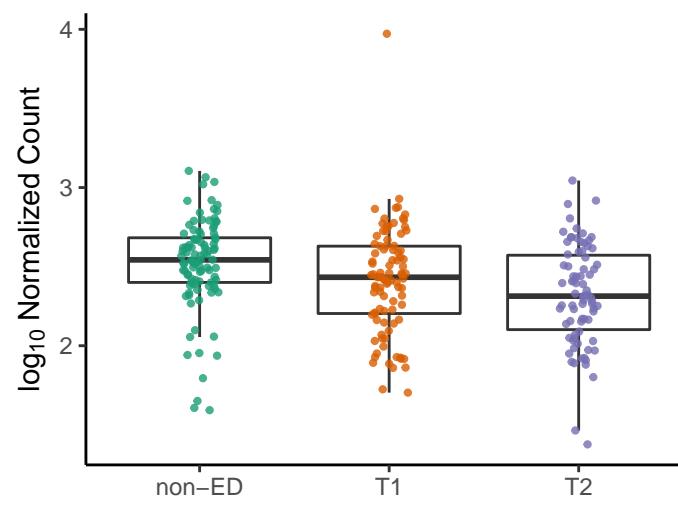
### *Streptomyces tirandomycinicus*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.75



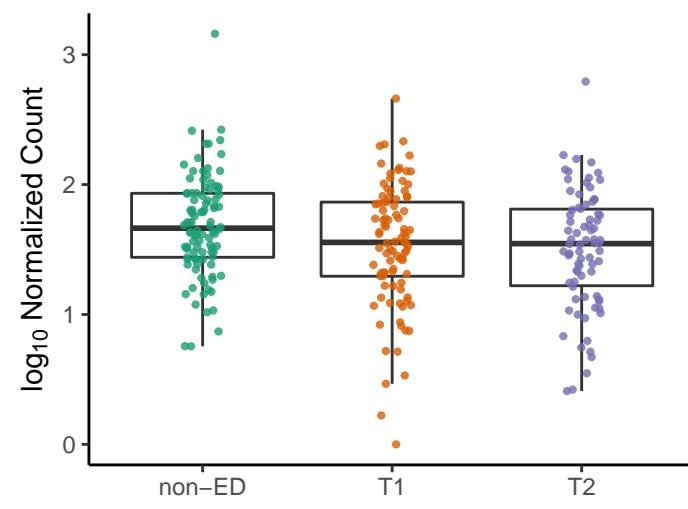
### Unclassified Nostocales Order

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



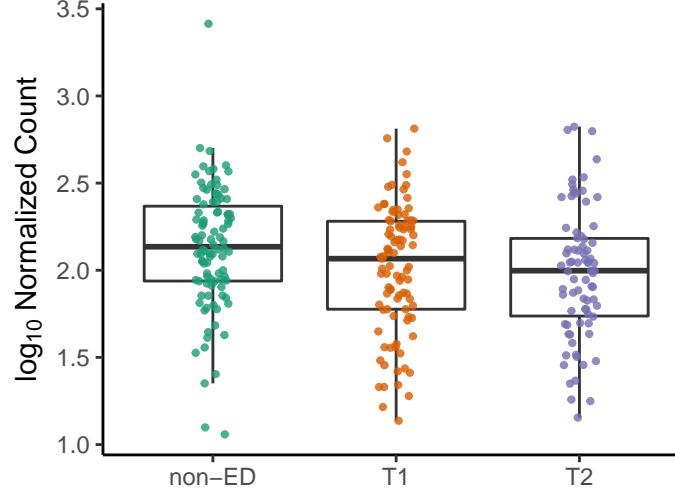
### *Pseudomonas* sp. URMO17WK12:I11

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 1



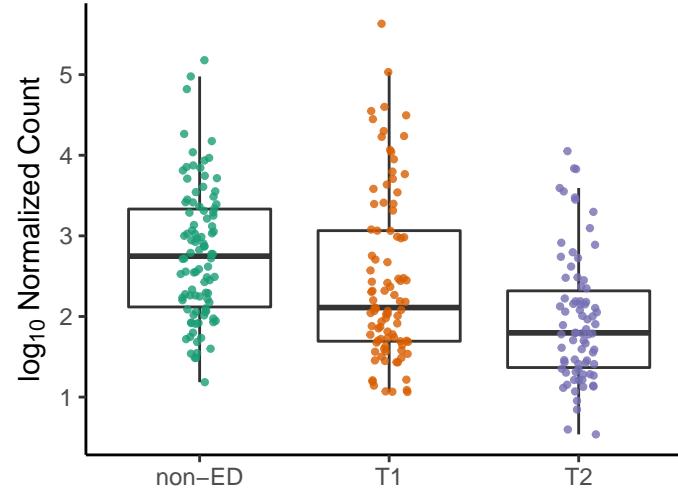
### *Pseudomonas orientalis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.98



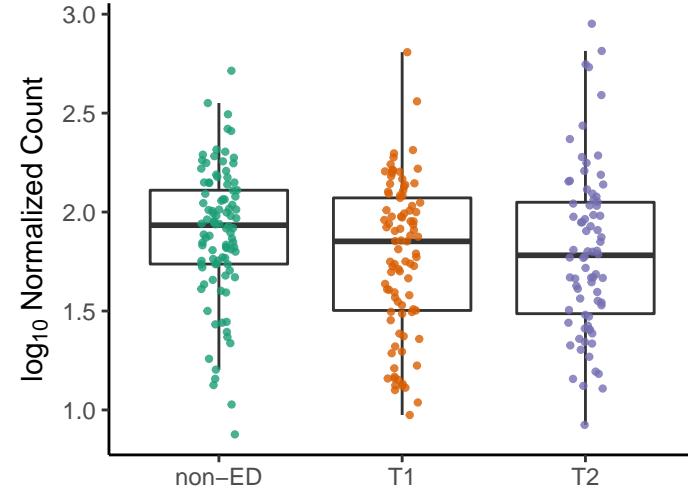
### Unclassified Escherichia Genus

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



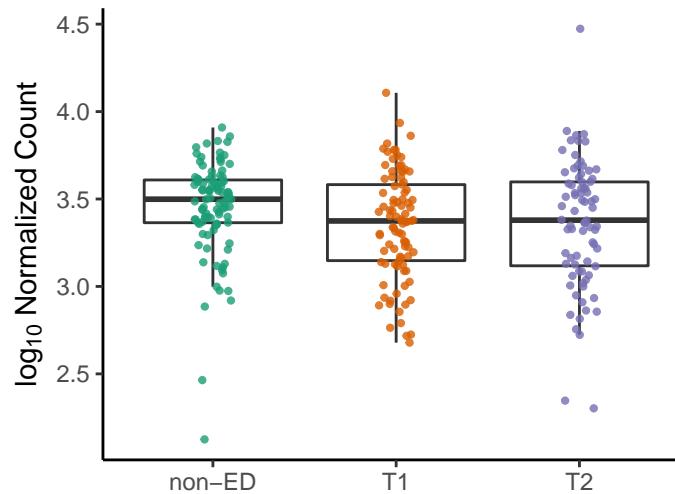
### *Methanoplanus limicola*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.86



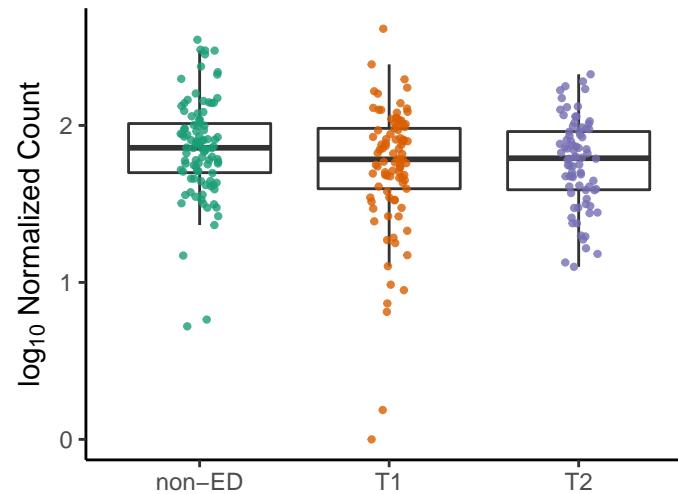
### *Butyrivibrio fibrisolvens*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.92



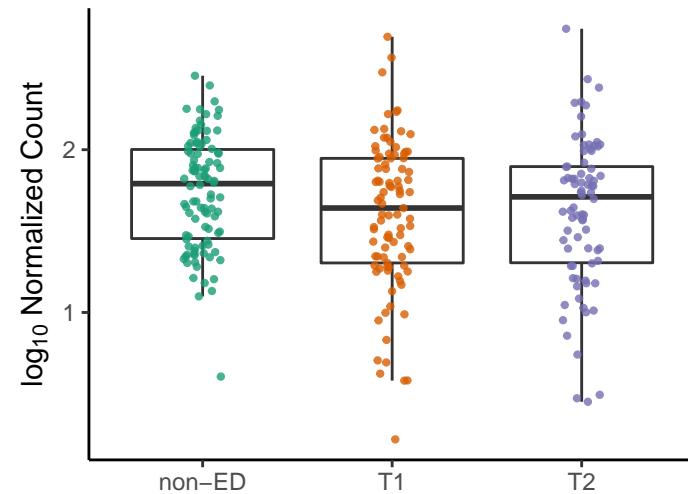
### *Grimontia hollisae*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.74



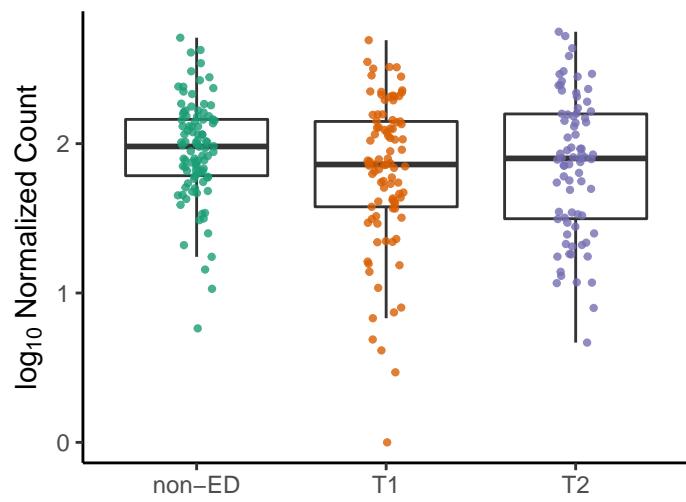
### *Mycobacterium alvei*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.77



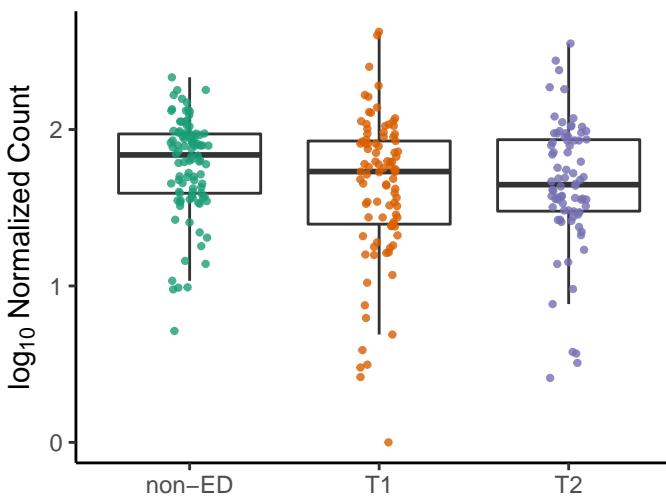
### *Thauera chlorobenzoica*

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.68



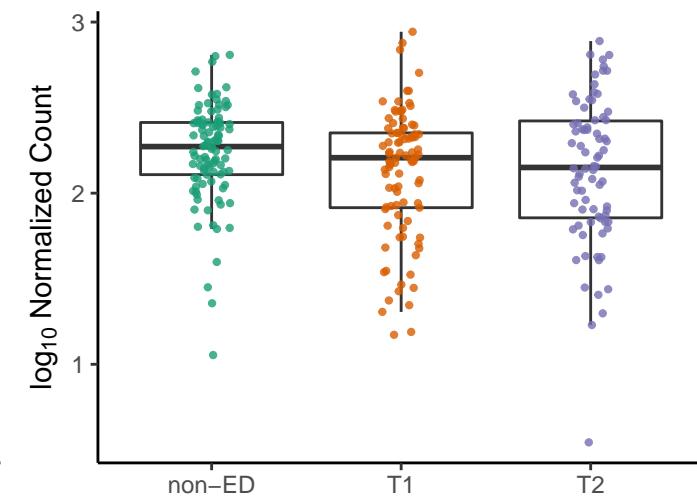
### *Chryseobacterium sp. H3001*

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.87



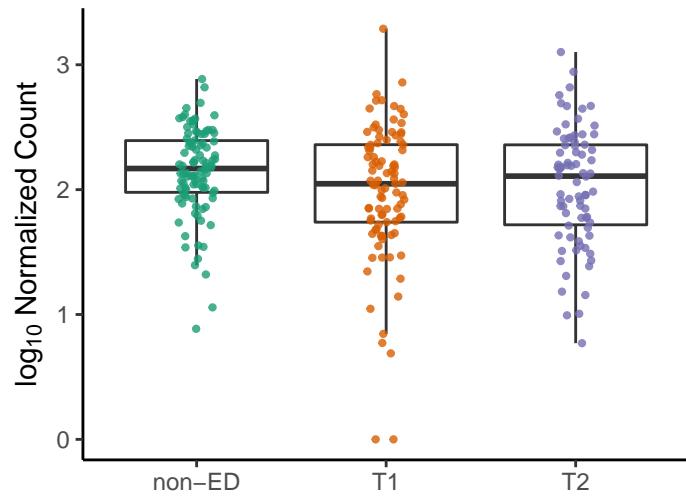
### *Pontibacter akesuensis*

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.91



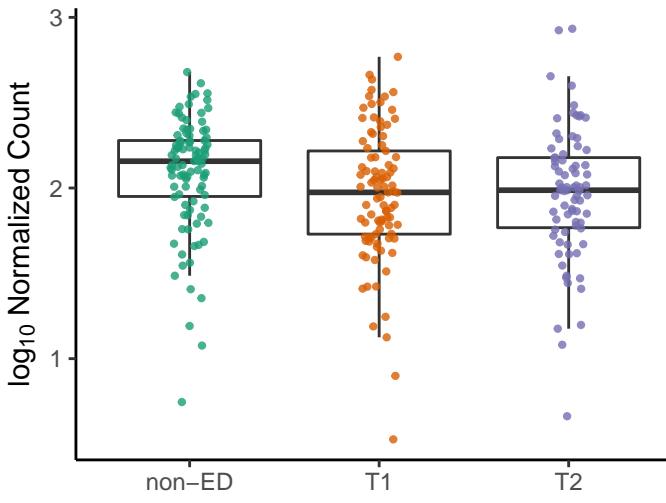
### *Hypericibacter terrae*

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.68



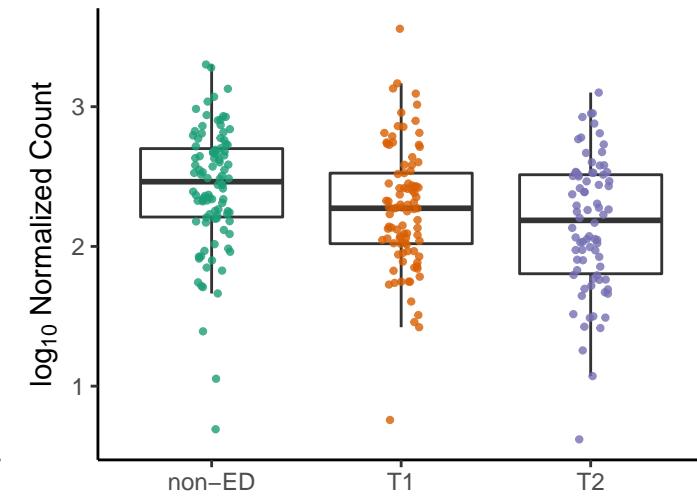
### *Virgibacillus sp. 6R*

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.96



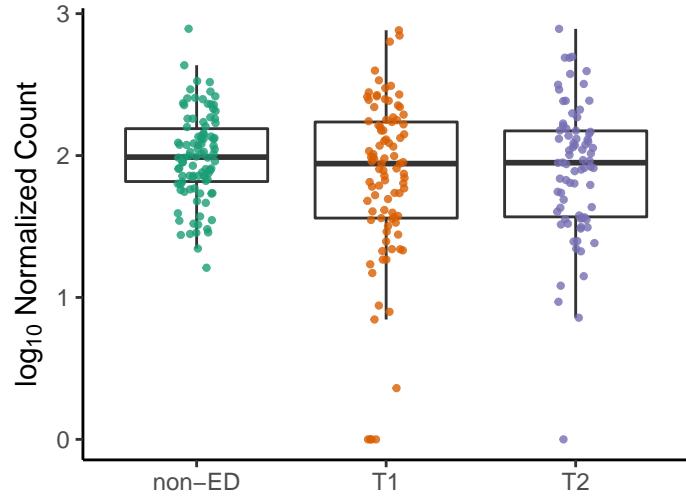
### *Clostridium chauvoeui*

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



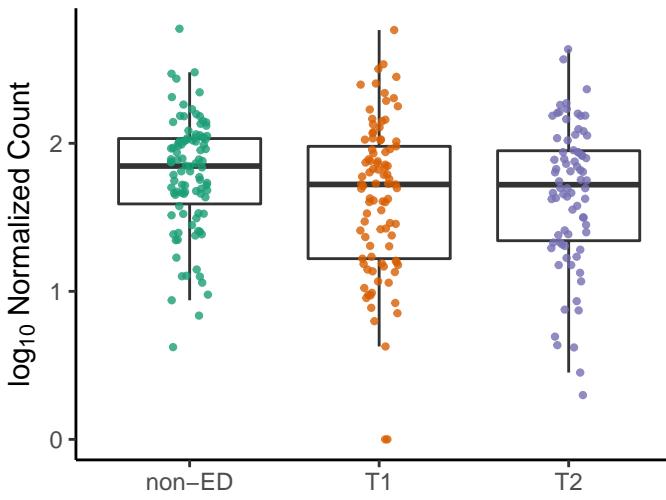
### *Dehalogenimonas lykanthroporepellens*

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.68



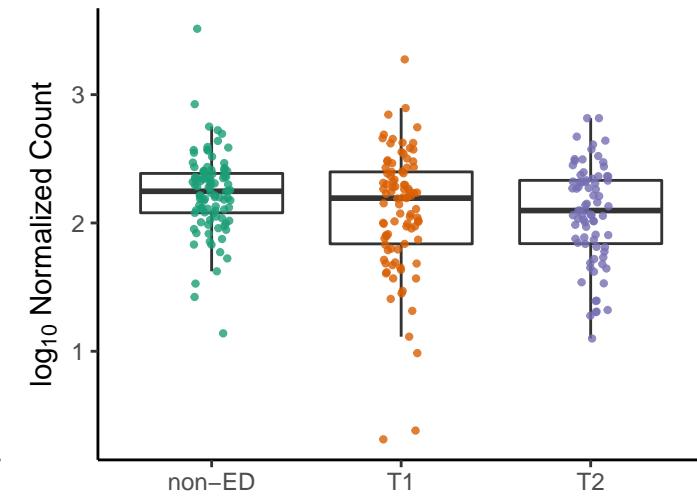
### *Salinibacterium sp. CGMCC 1.16371*

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



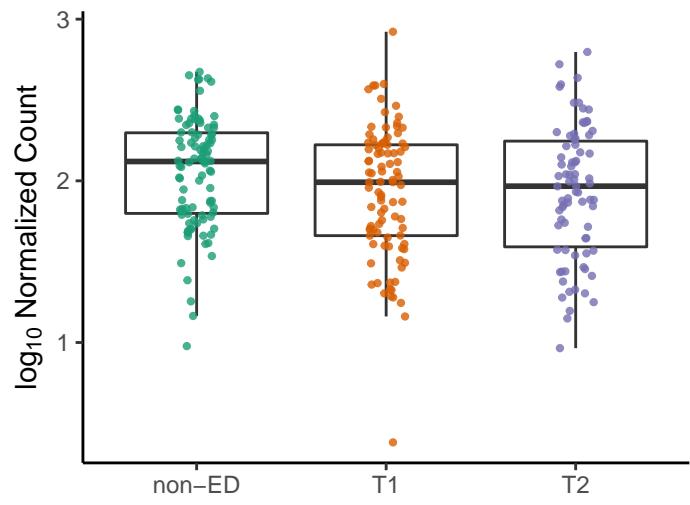
### *Pseudomonas protegens*

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.98



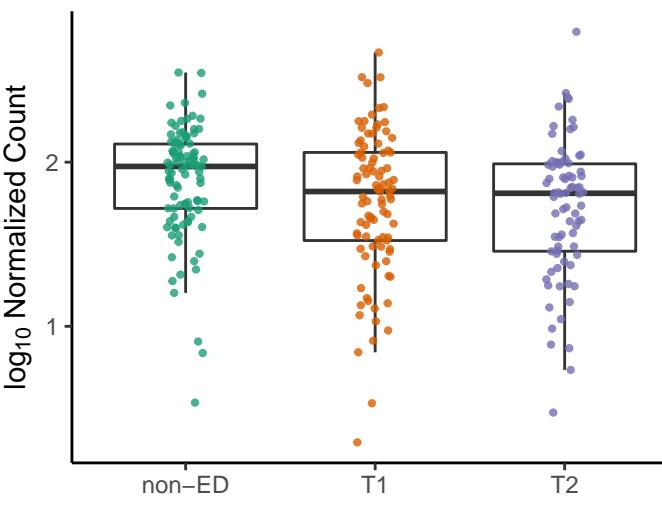
### *Bordetella* sp. N

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.89



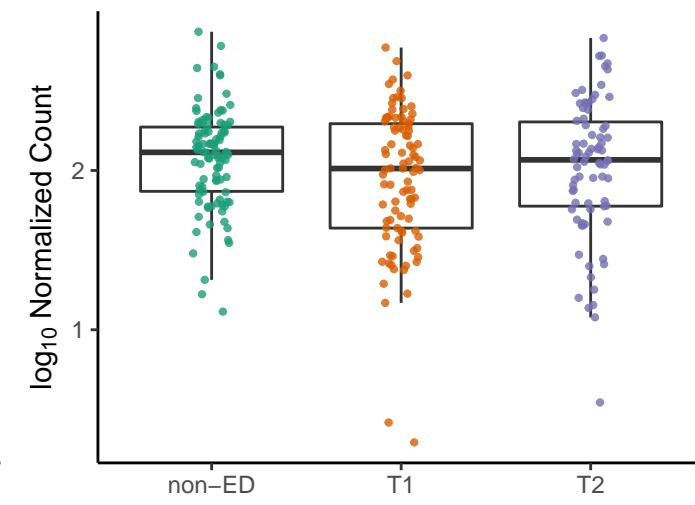
### *Corynebacterium segmentosum*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.91



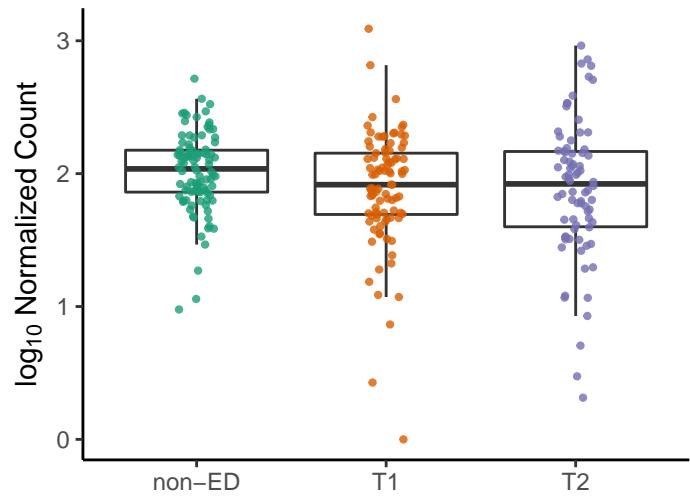
### *Pelodictyon luteolum*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.61



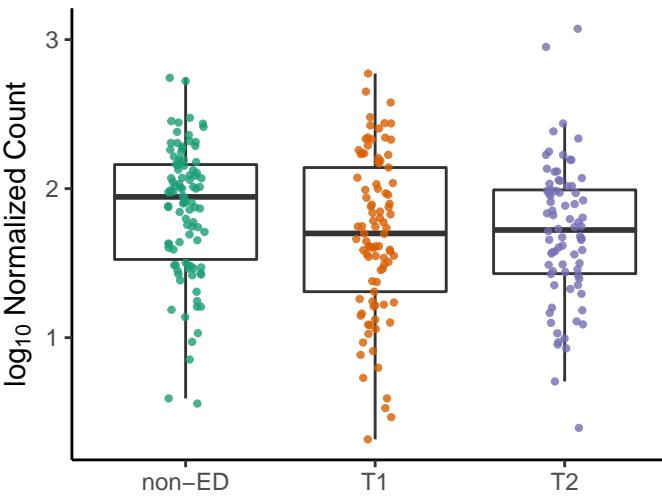
### *Luteibacter rhizovicinus*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.98



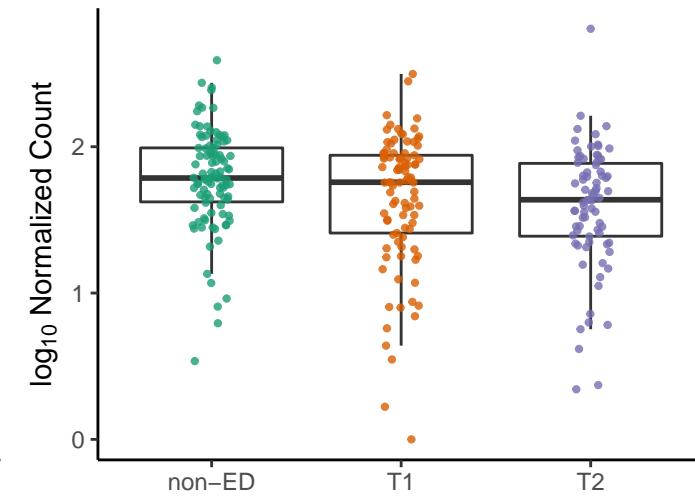
### *Methylophaga nitratireducenscens*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.97



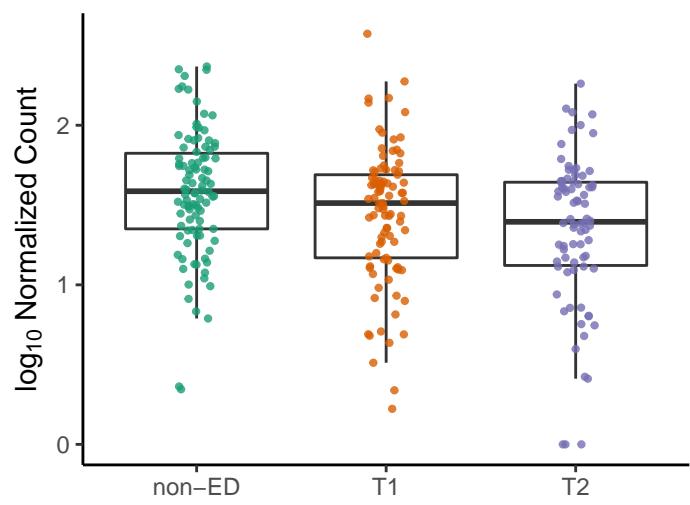
### Unclassified Spirosoma Genus

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



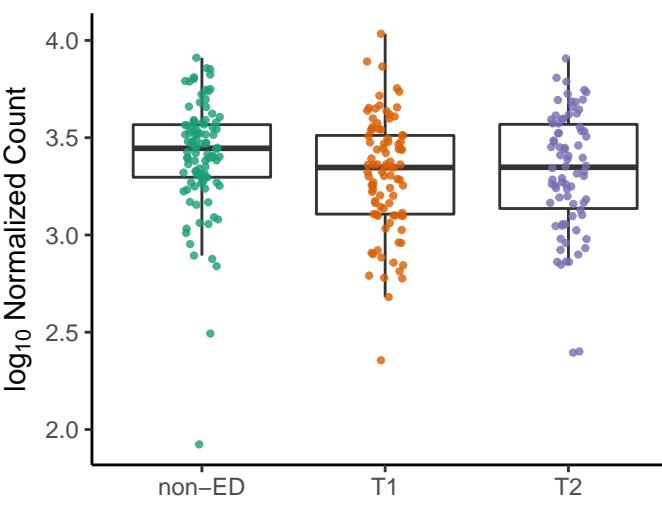
### *Francisella uliginis*

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



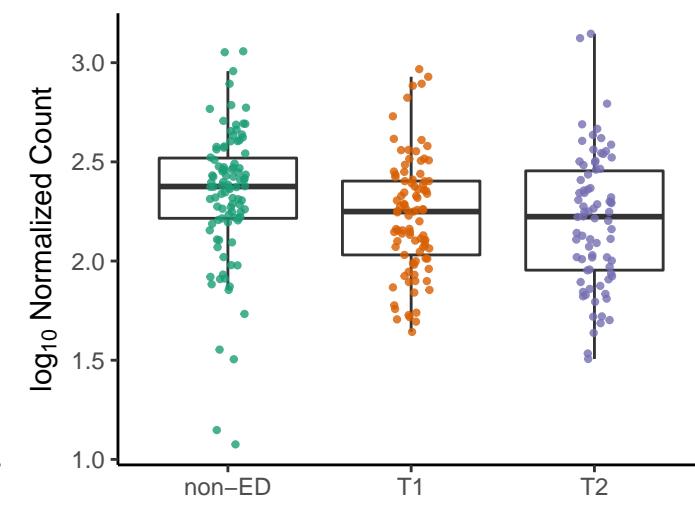
### *Butyrivibrio proteoclasticus*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



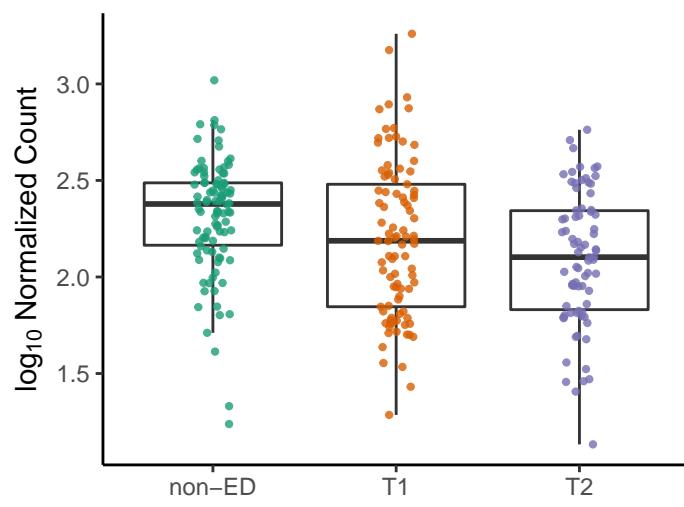
### *Streptococcus ratti*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.91



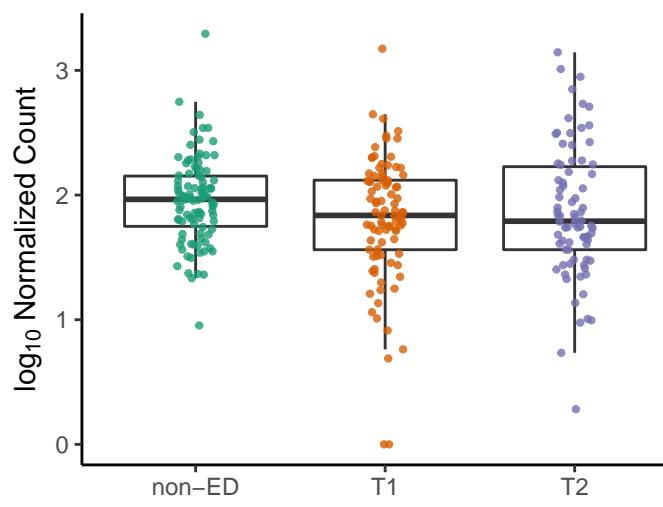
### *Ezakiella massiliensis*

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



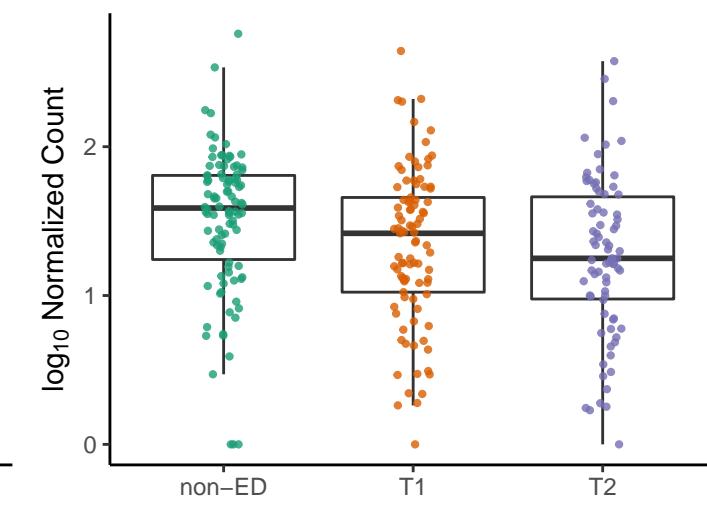
### *Micromonospora coxensis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.67



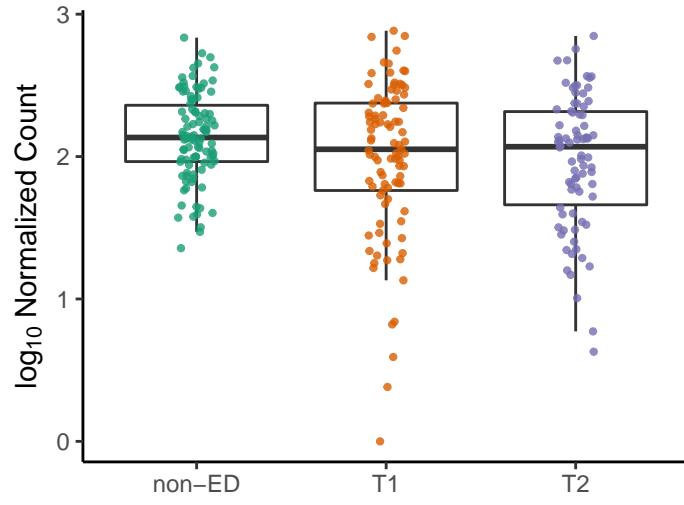
### *Sediminicola* sp. YIK13

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.79



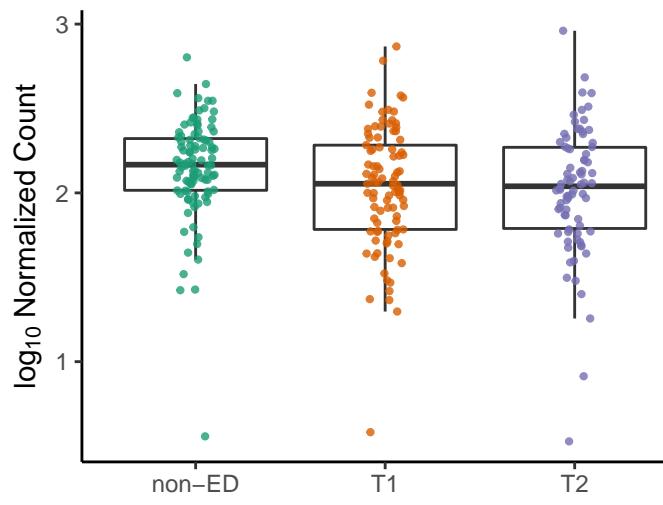
### *Bordetella bronchialis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



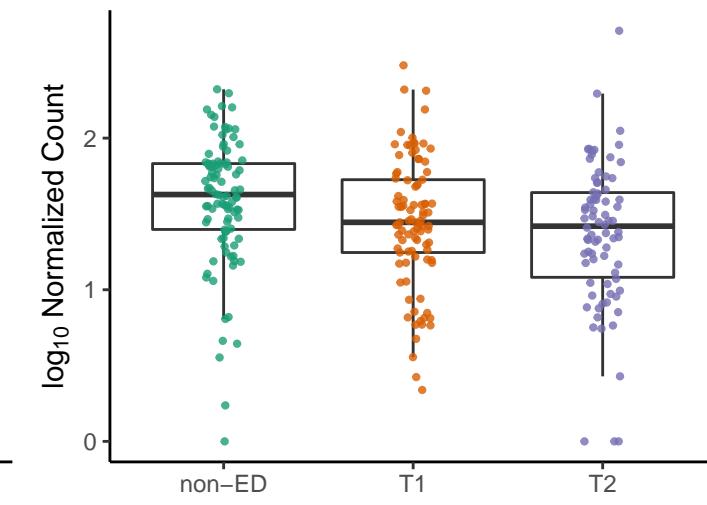
### *Bacillus halodurans*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.89



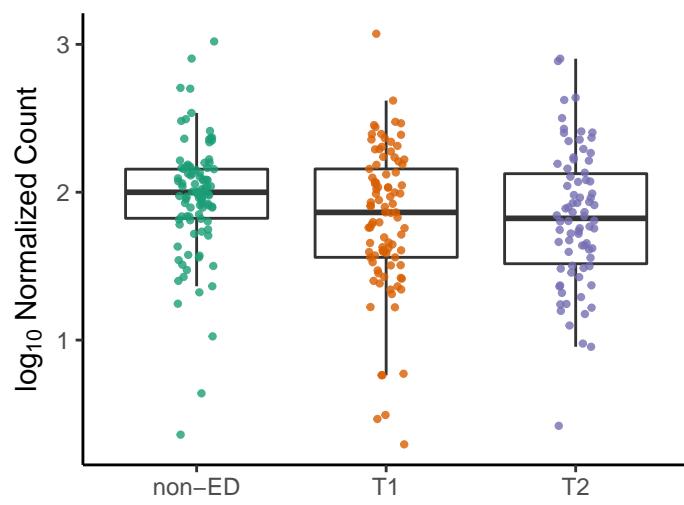
### *Moritella viscosa*

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



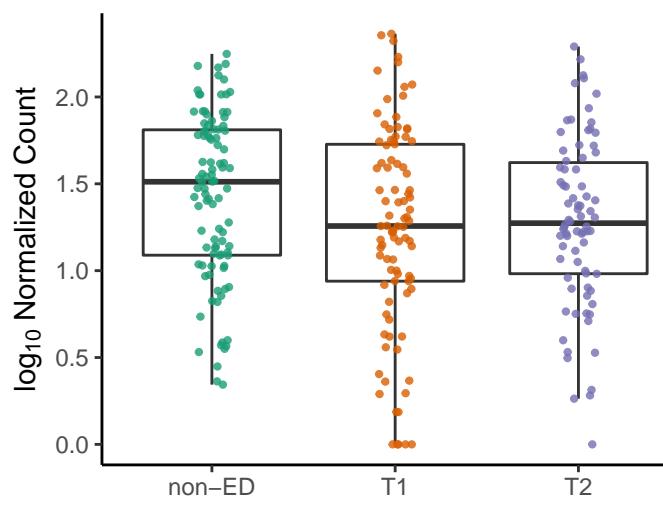
### *Rhodococcus ruber*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.78



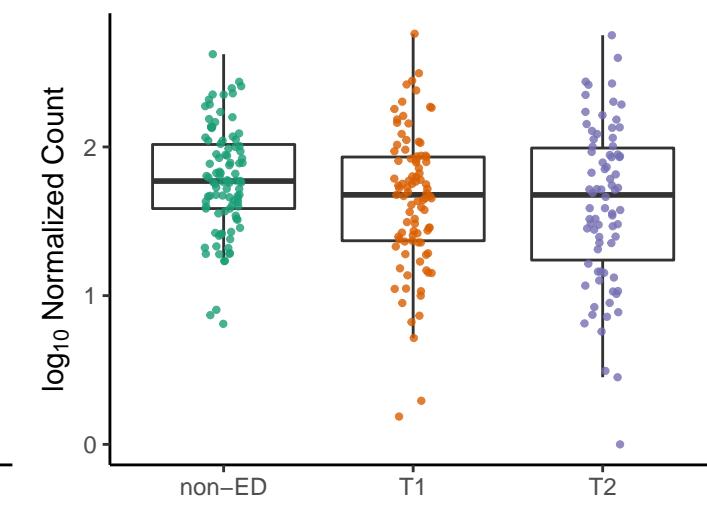
### *Natronorubrum aibiense*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.86



### *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

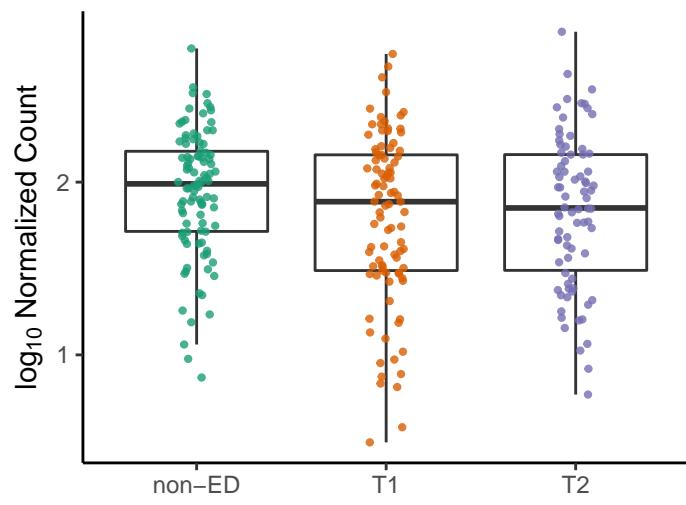


### *Streptomyces lunaelactis*

non-ED vs. T1 adjusted p = 0.066

non-ED vs. T2 adjusted p = 0.15

T1 vs. T2 adjusted p = 0.7

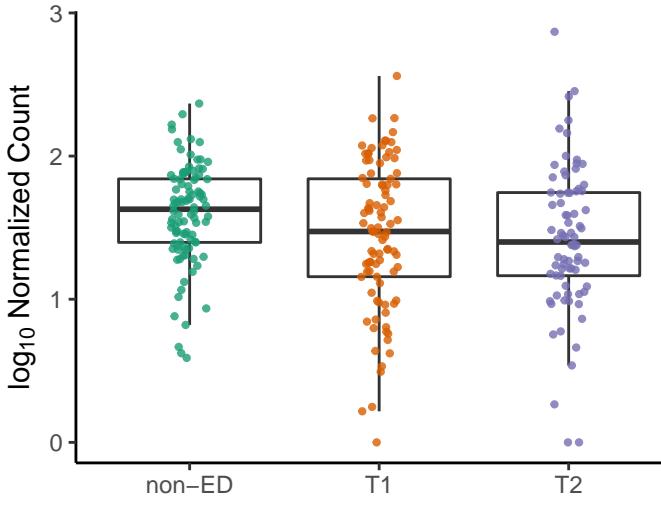


### *Gordonia* sp. 1D

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.038

T1 vs. T2 adjusted p = 0.98

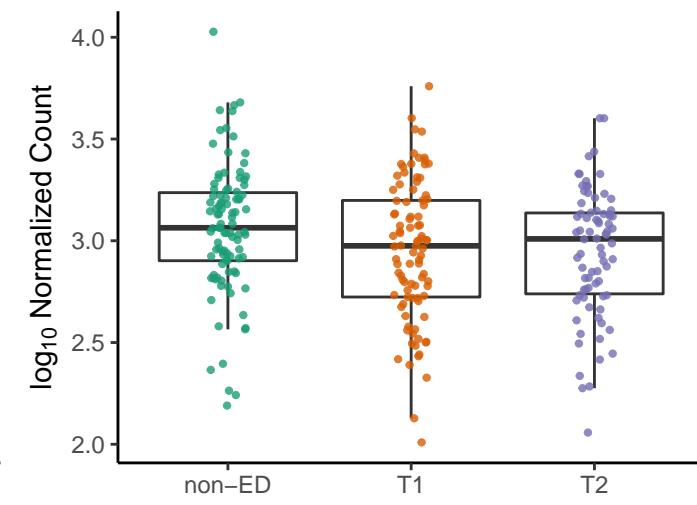


### *Megasphaera stantonii*

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.049

T1 vs. T2 adjusted p = 0.81

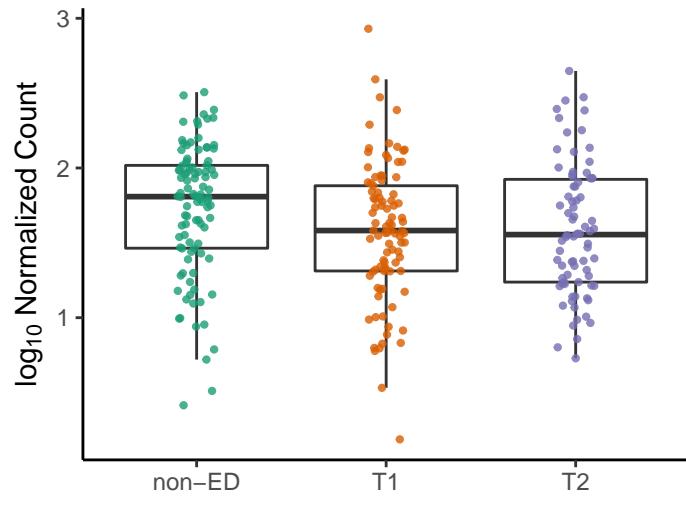


### *Pasteurellaceae bacterium RH1A*

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.081

T1 vs. T2 adjusted p = 0.78

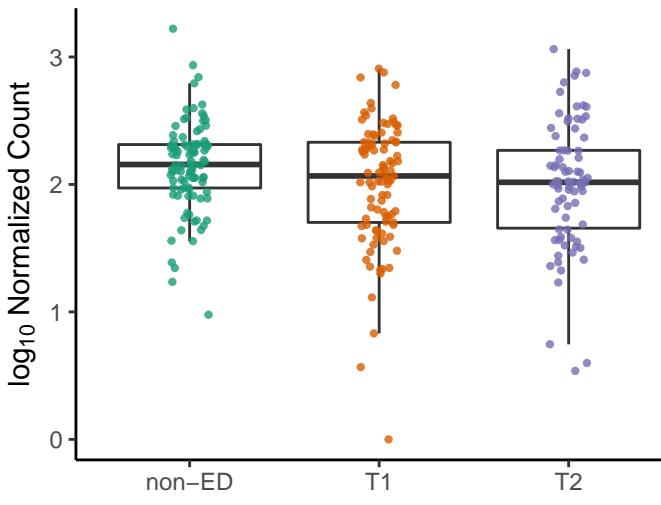


### *Rhodococcus* sp. X156

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.089

T1 vs. T2 adjusted p = 0.9

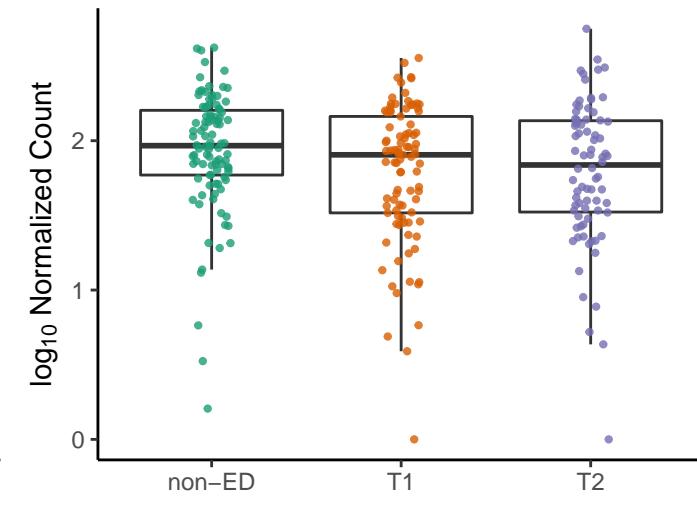


### *Pandorea pulmonicola*

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.091

T1 vs. T2 adjusted p = 0.89

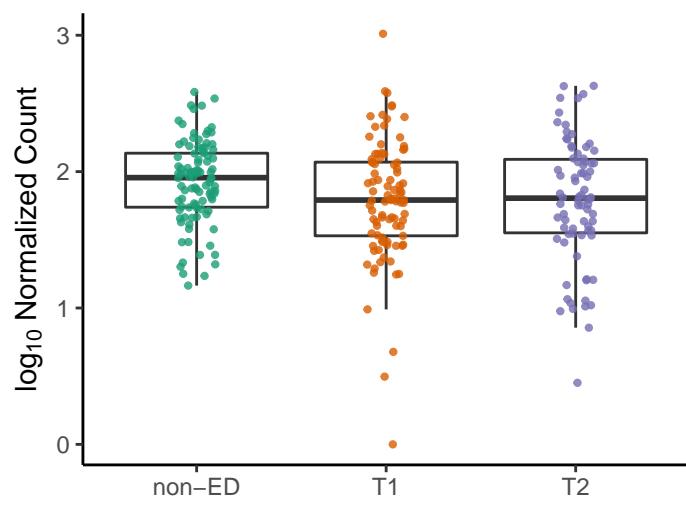


### *Yangia* sp. CCB-MM3

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.065

T1 vs. T2 adjusted p = 0.98

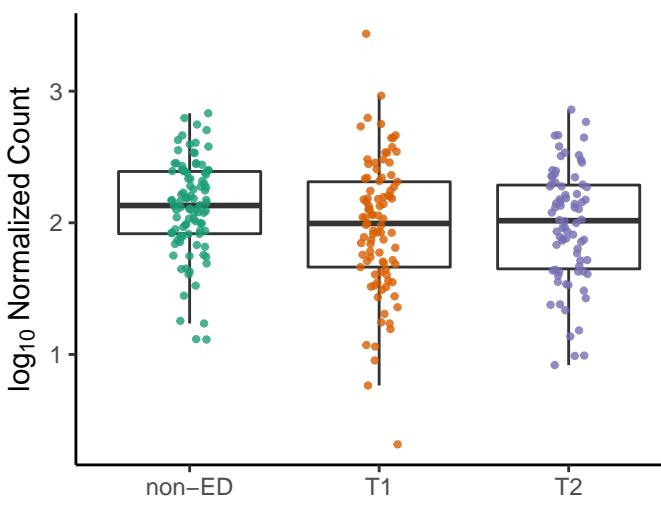


### Unclassified Plantactinospora Genus

non-ED vs. T1 adjusted p = 0.067

non-ED vs. T2 adjusted p = 0.07

T1 vs. T2 adjusted p = 0.86

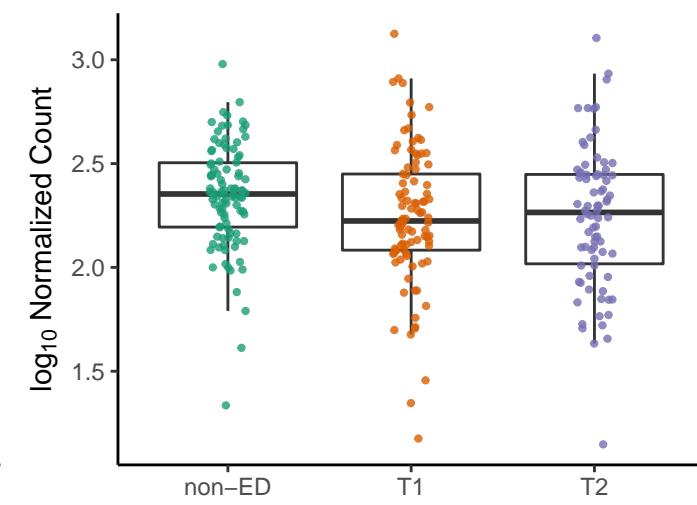


### *Paenibacillus graminis*

non-ED vs. T1 adjusted p = 0.067

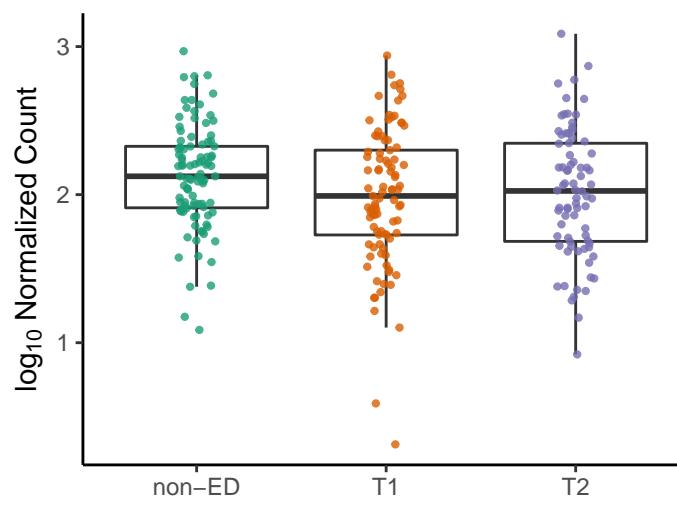
non-ED vs. T2 adjusted p = 0.071

T1 vs. T2 adjusted p = 0.92



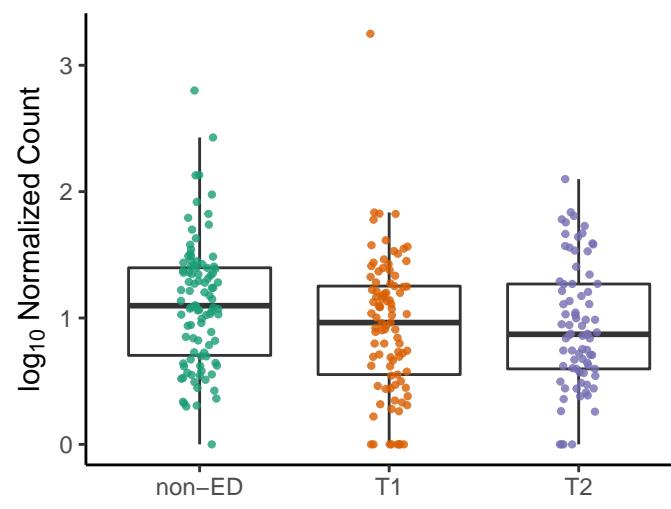
### *Kiritimatiella glycovorans*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.75



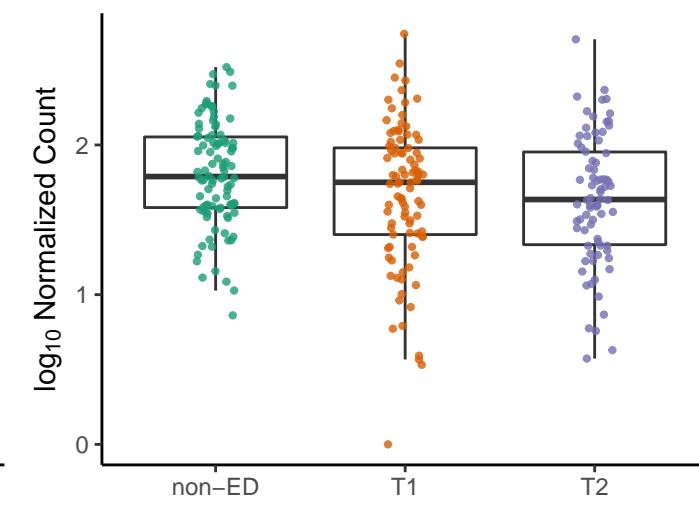
### *Corynebacterium* sp. ATCC 6931

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.89



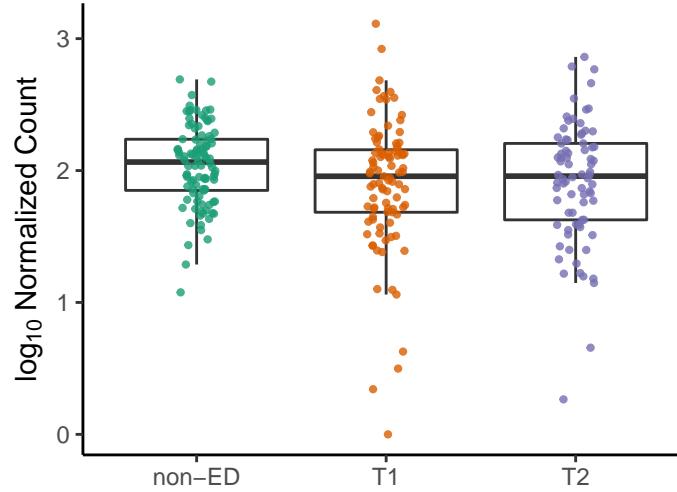
### *Diaminobutyricimonas* sp. LJ205

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.95



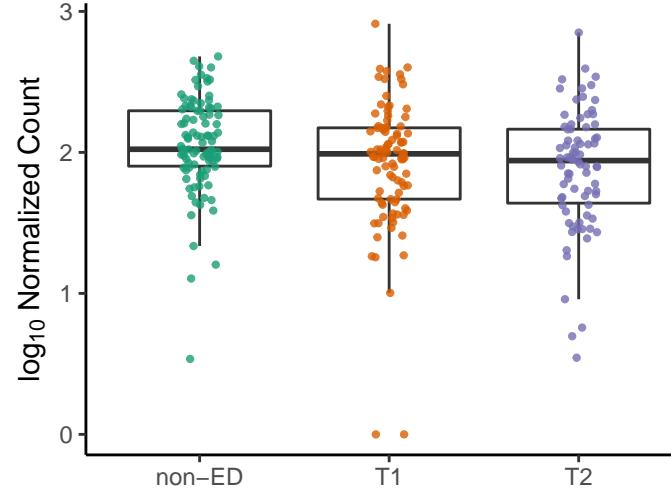
### *Nocardioides daphniae*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.77



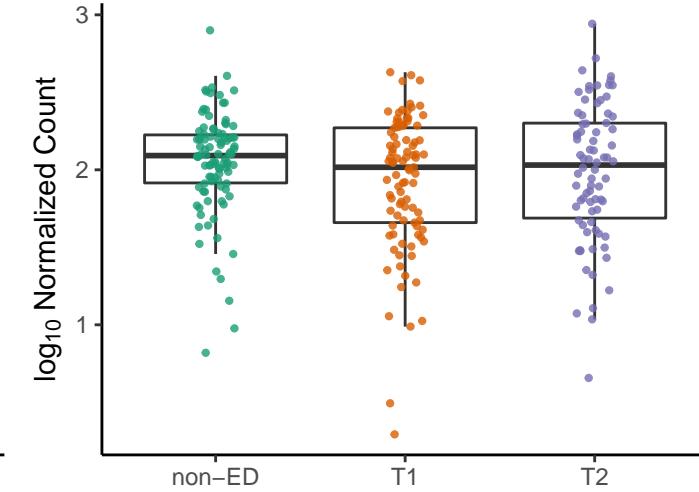
### *Rufibacter tibetensis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



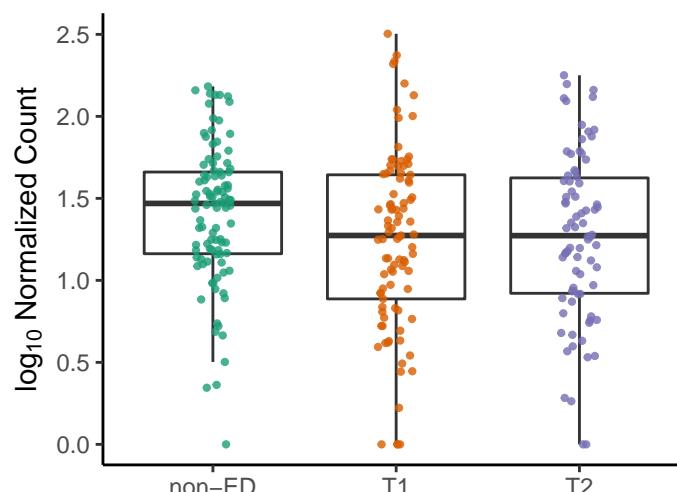
### Unclassified Propionibacterales Order

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.55



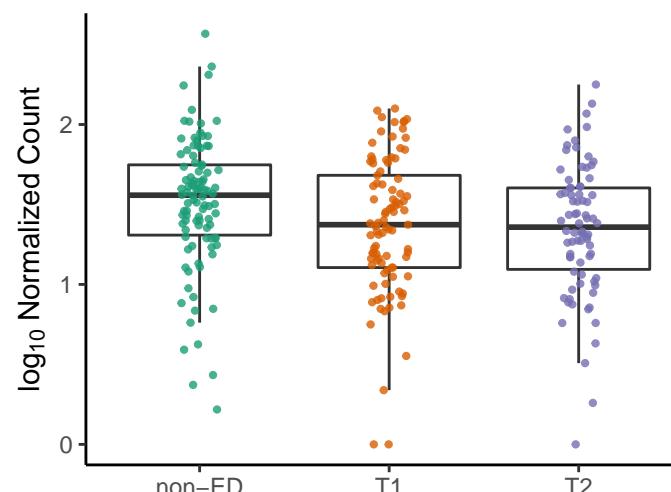
### *Vibrio tubiashii*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.94



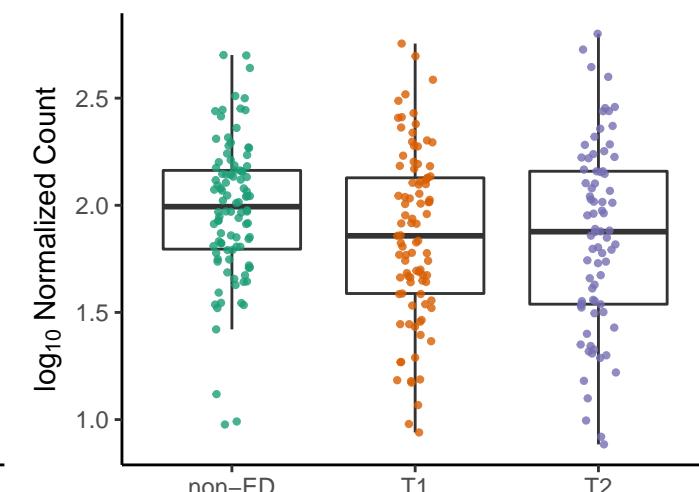
### *Lactobacillus fructivorans*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.88



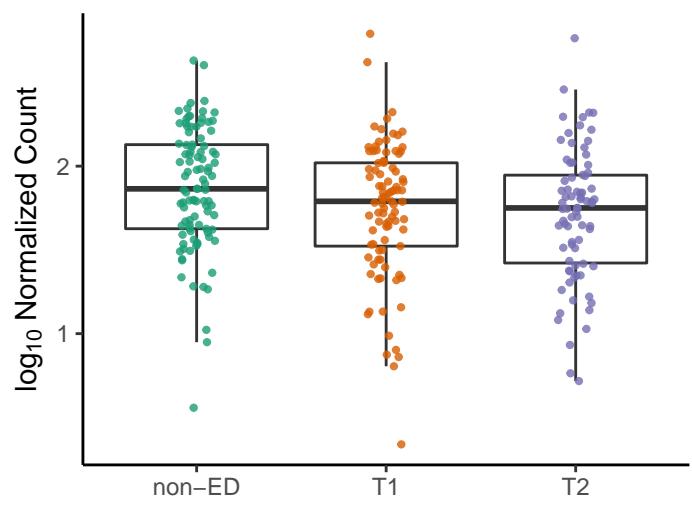
### *Ahniella affigens*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.94



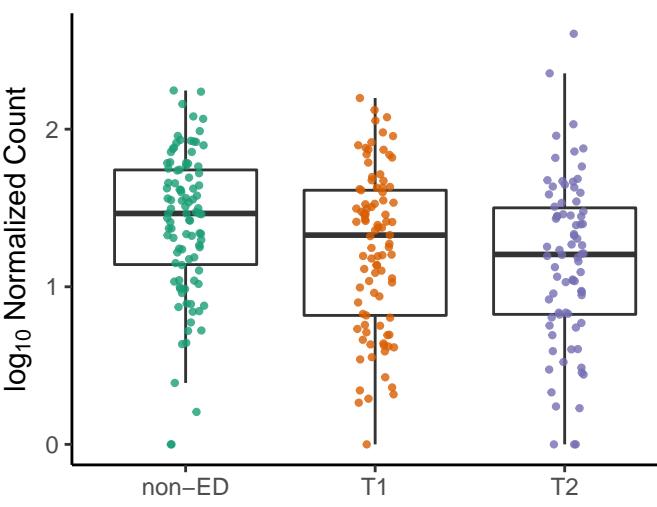
### *Anabaena cylindrica*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.77



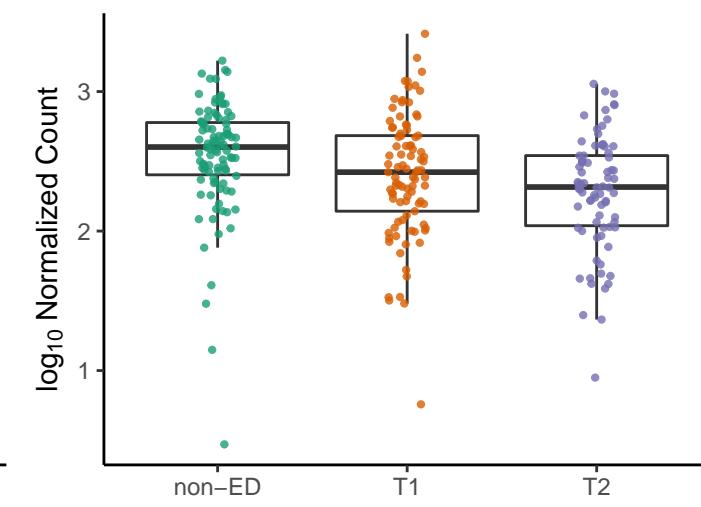
### *Candidatus Protochlamydia amoebophilus*

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



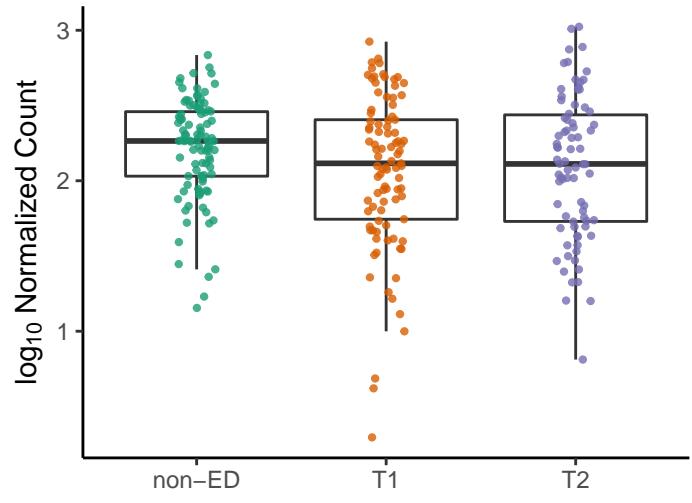
### *Clostridium isatidis*

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



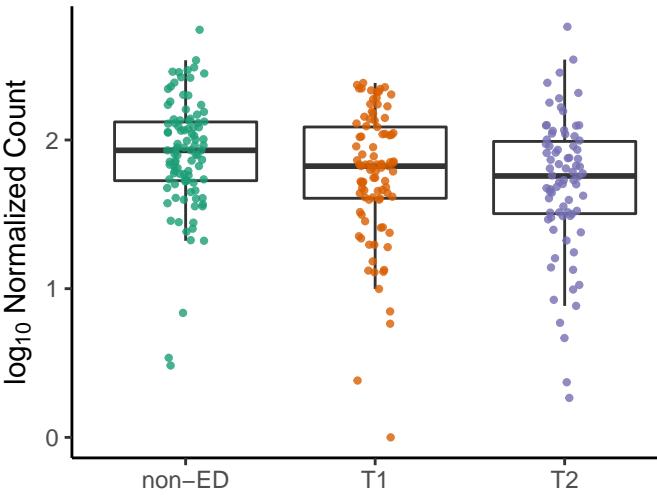
### *Deinococcus ficus*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.74



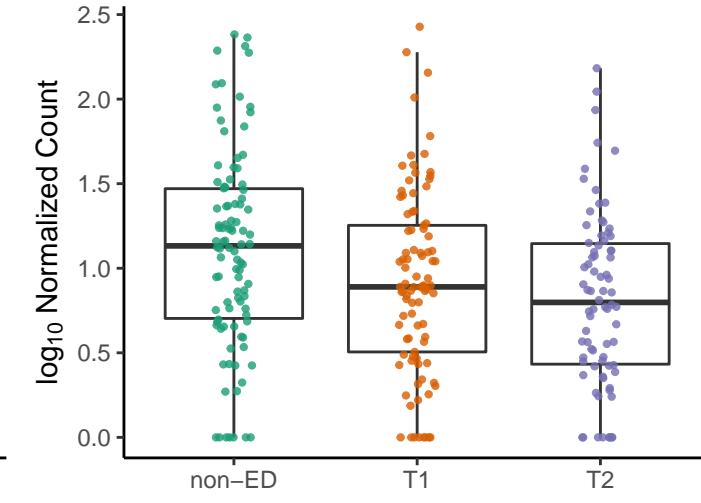
### *Maritalea myrionectae*

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



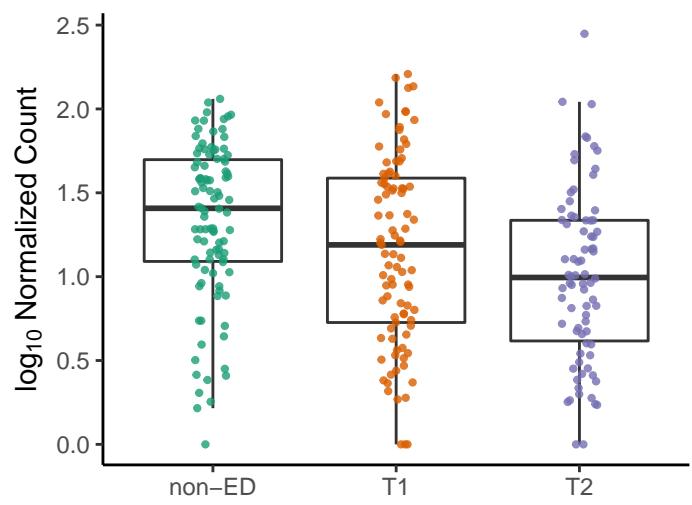
### *Spiroplasma sabaudiense*

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



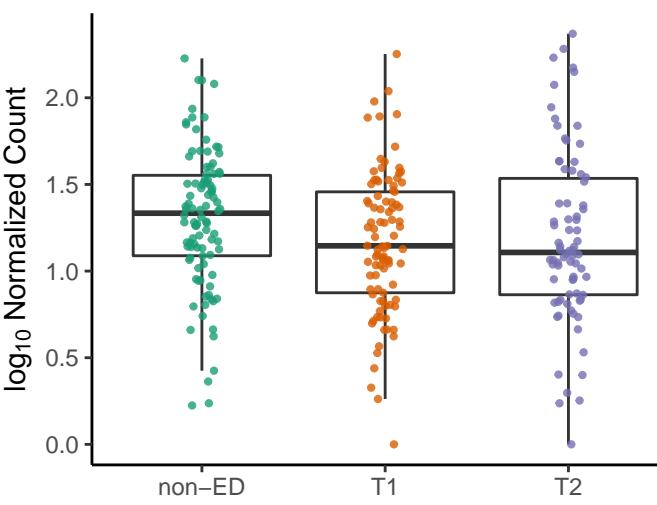
### Unclassified Syntrophomonadaceae Fa

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.001  
 T1 vs. T2 adjusted p = 0.59



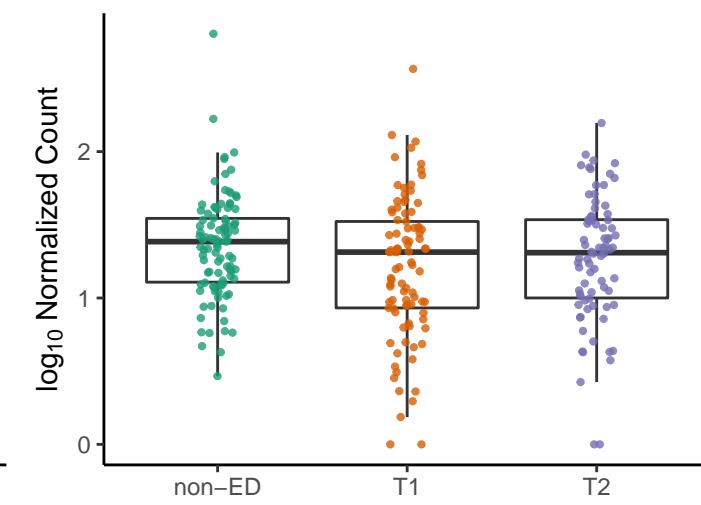
### *Helicobacter cholecystus*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.98



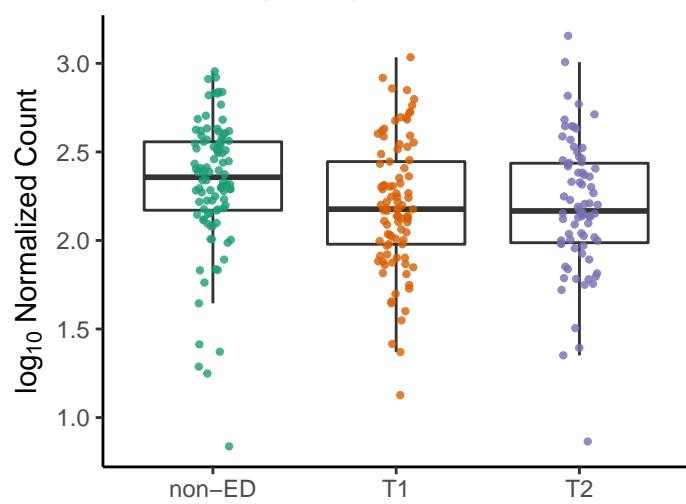
### *Pseudomonas extremorientalis*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.67



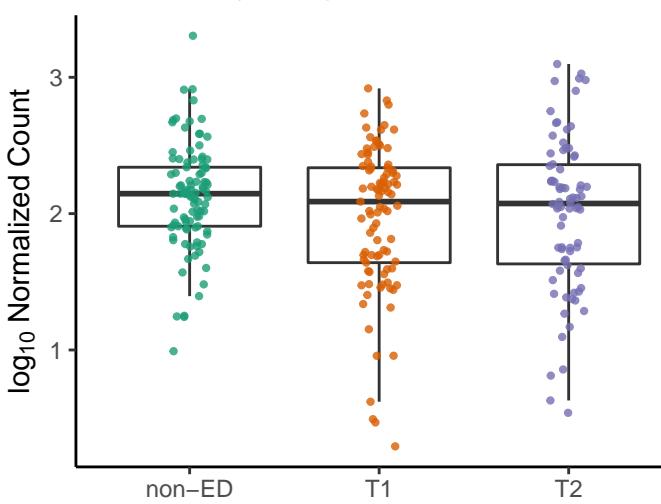
### Unclassified Lysinibacillus Genus

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.97



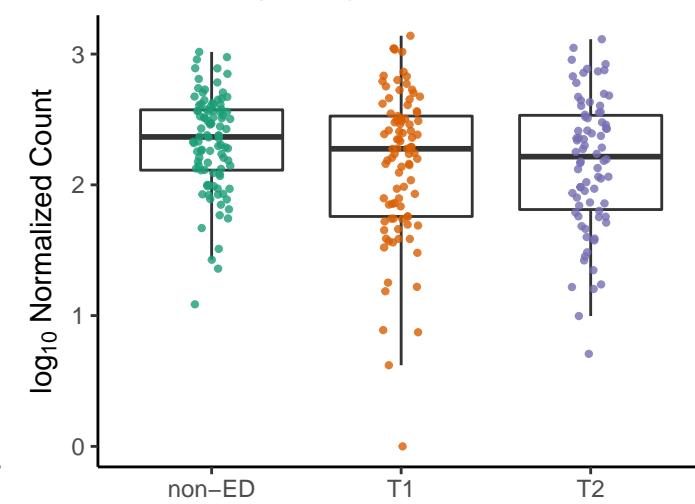
### Friedmanniella sagamiharensis

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.72



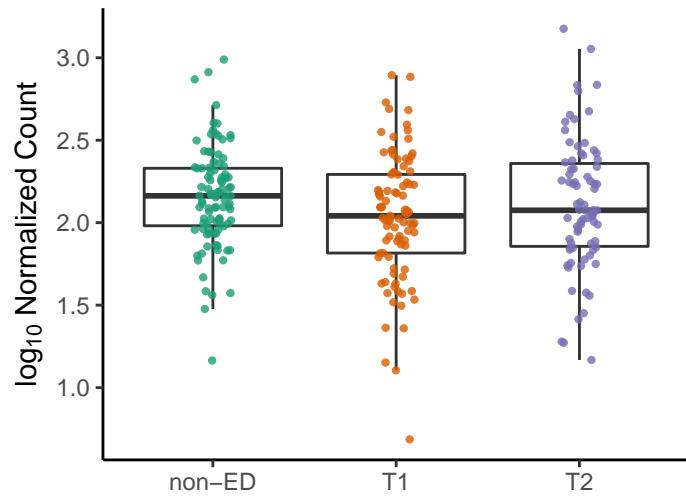
### Unclassified Actinosynnema Genus

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



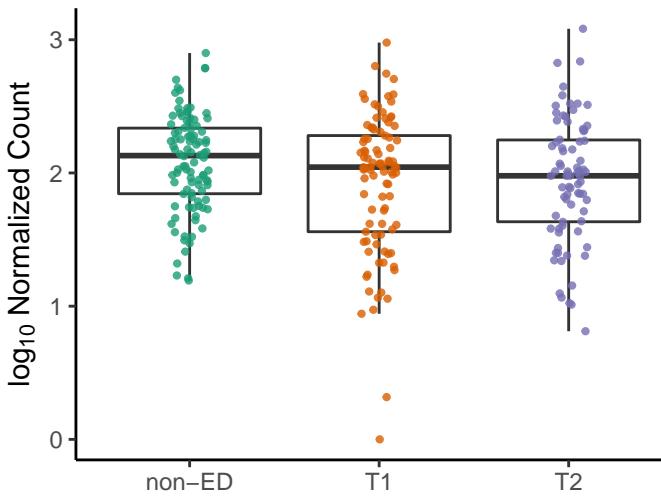
### Geobacillus genomosp. 3

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.56  
T1 vs. T2 adjusted p = 0.49



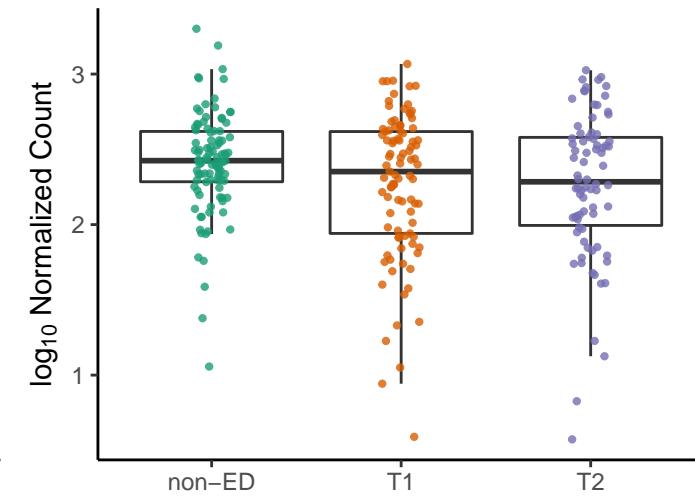
### Unclassified Leifsonia Genus

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.77



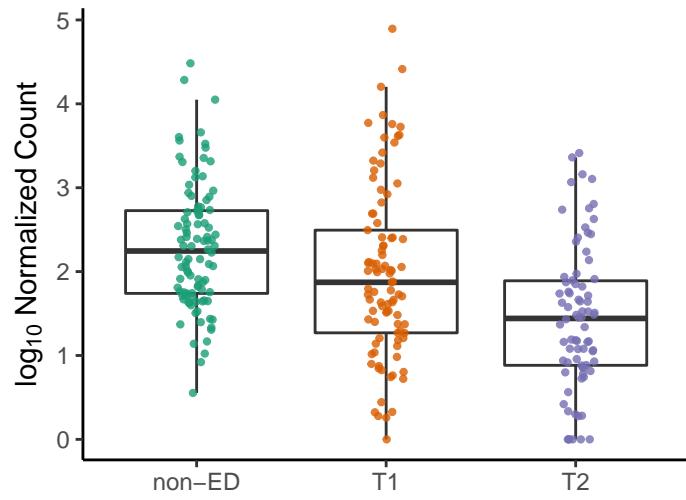
### Saccharothrix syringae

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.88



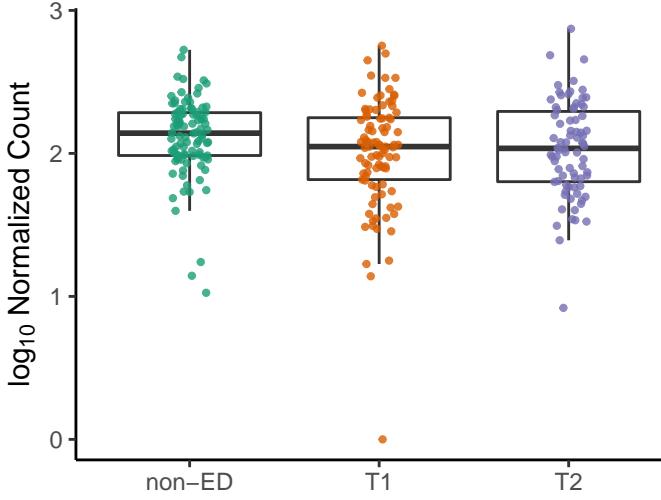
### Shigella dysenteriae

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



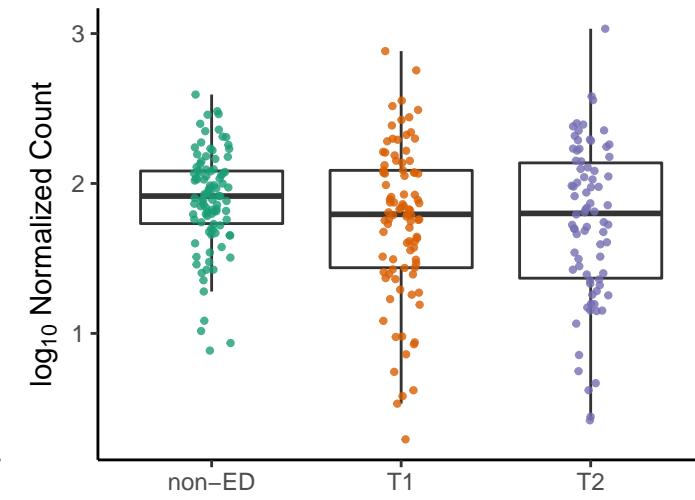
### Nesterenkonia sp. NBAIMH1

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.77



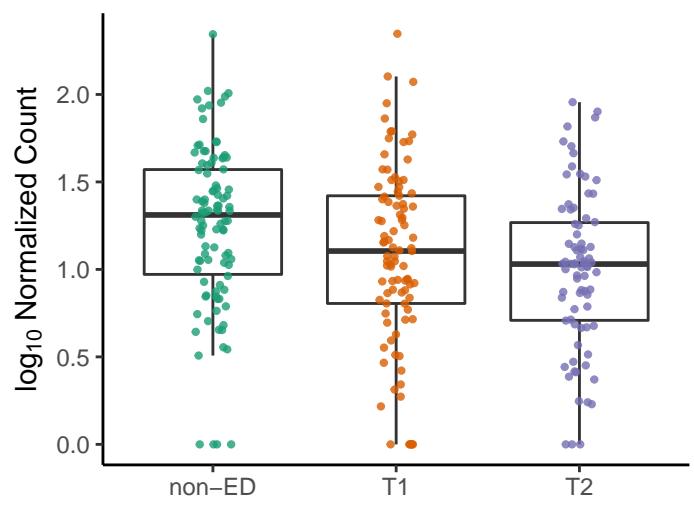
### Cellulomonas gilvus

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.98



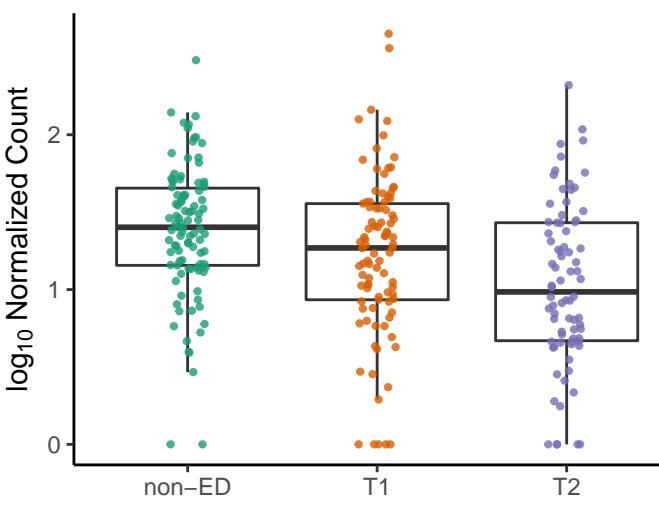
### *Mesoplasma tabanidae*

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



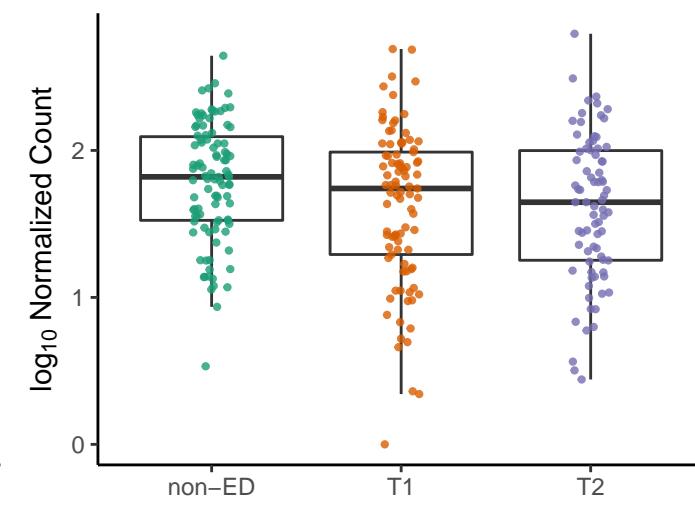
### *Methanothermus fervidus*

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



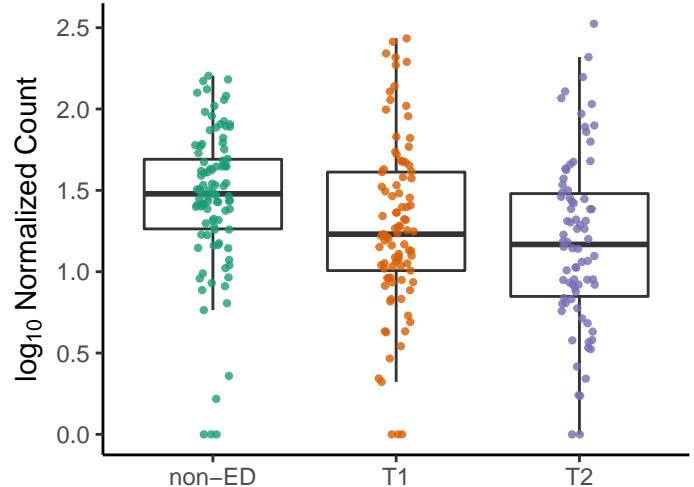
### *Microbacterium sp. XT11*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.92



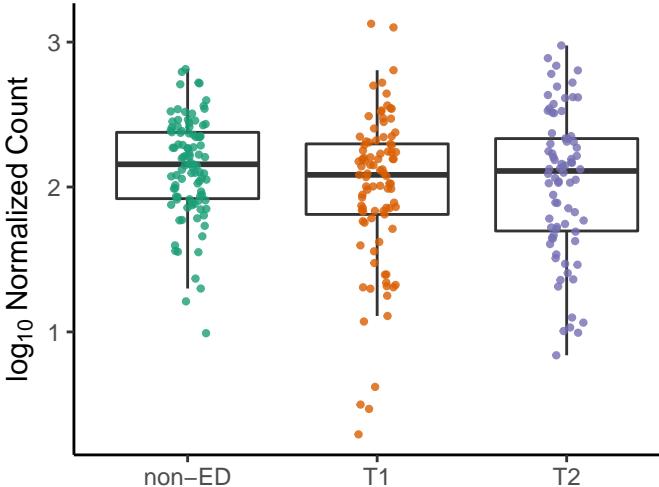
### Unclassified Borrelia Genus

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



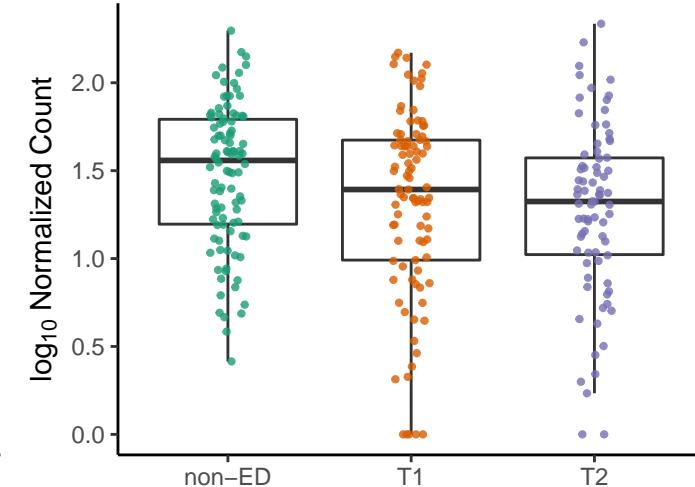
### *Georgenia* sp. Z443

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.73



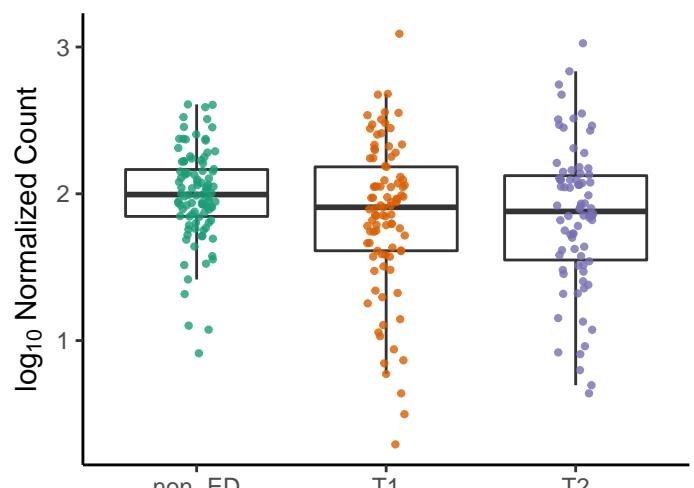
### *Sphingomonas* sp. HDW15C

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.97



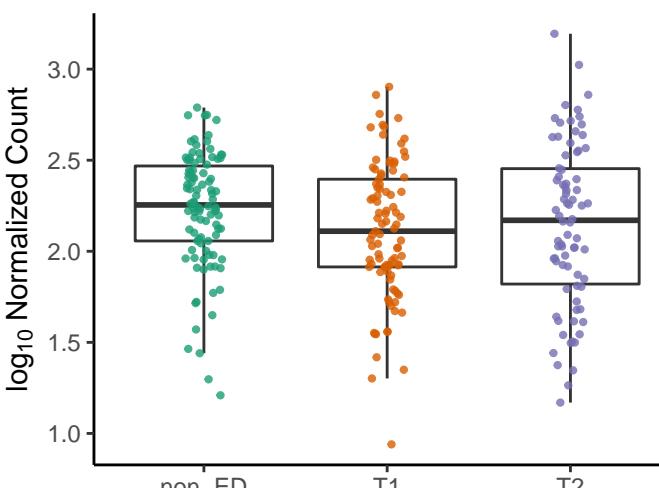
### *Caulobacter* sp. K31

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.89



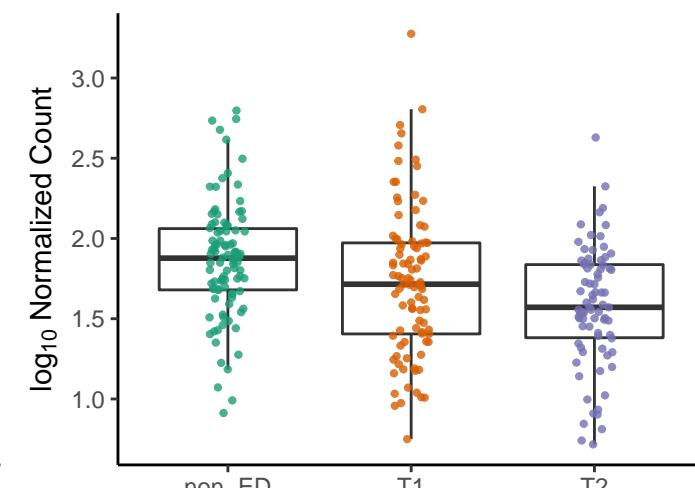
### *Burkholderia* cepacia

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.75



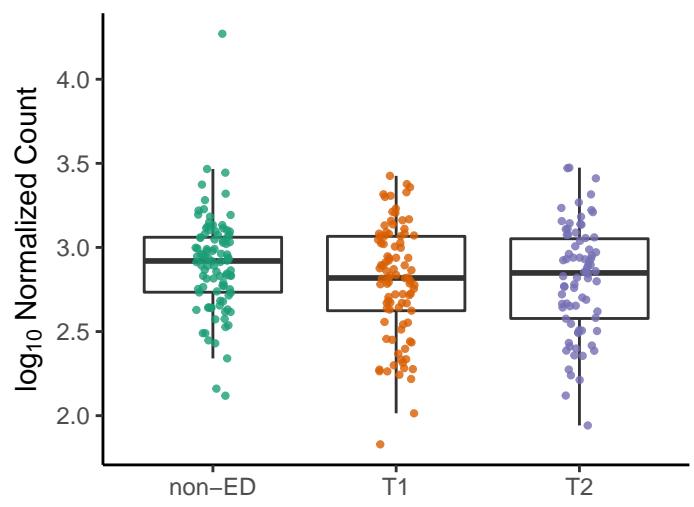
### *Enterobacter* soli

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



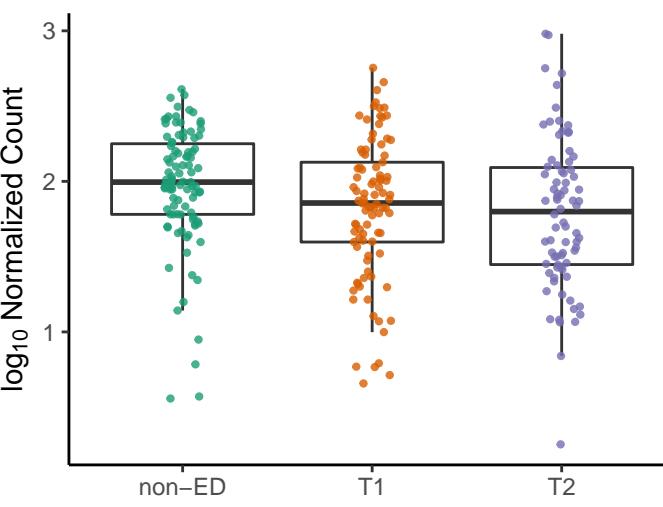
### *Pseudomonas fluorescens*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.78



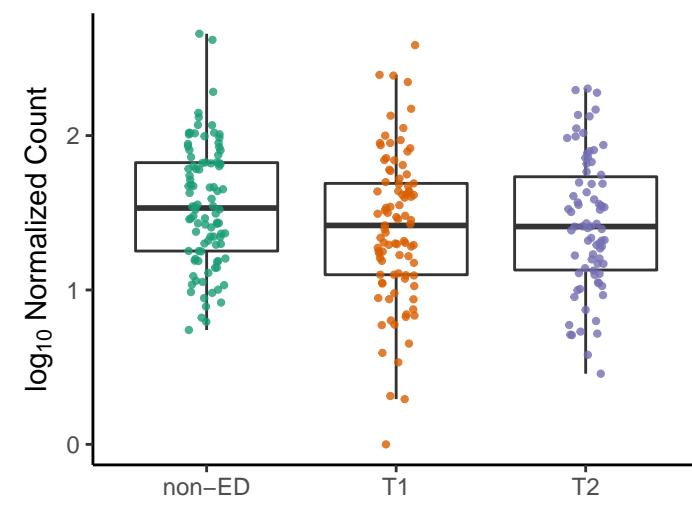
### *Campylobacter lari*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.84



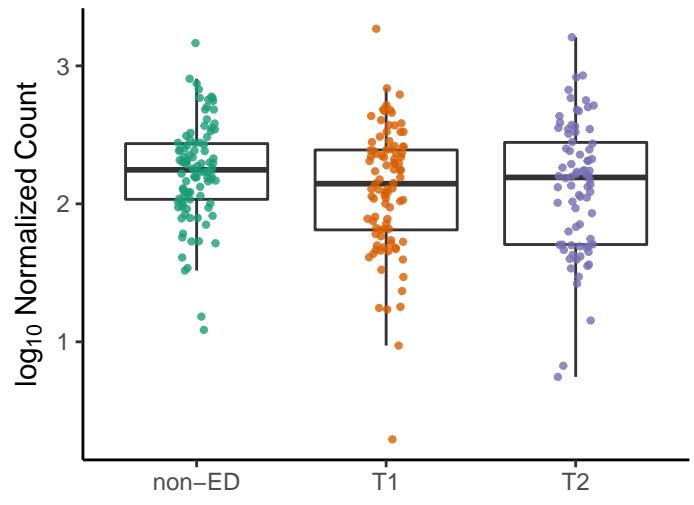
### *Leucobacter* sp. HDW9B

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.84



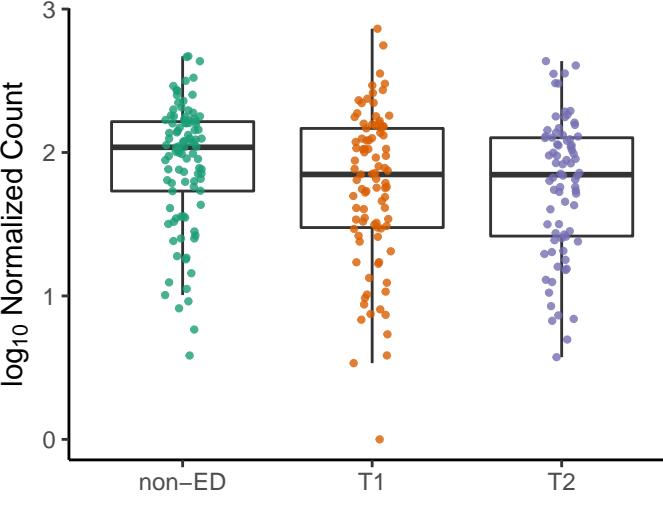
### *Streptomyces spectabilis*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.79



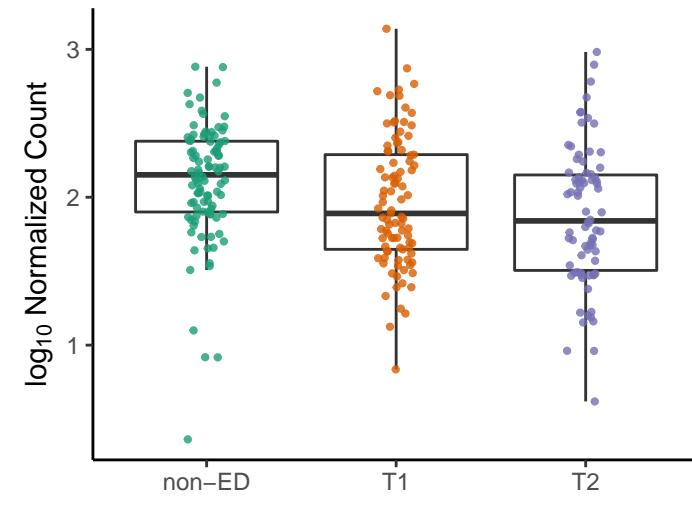
### *Mycolicibacterium parafortuitum*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.83



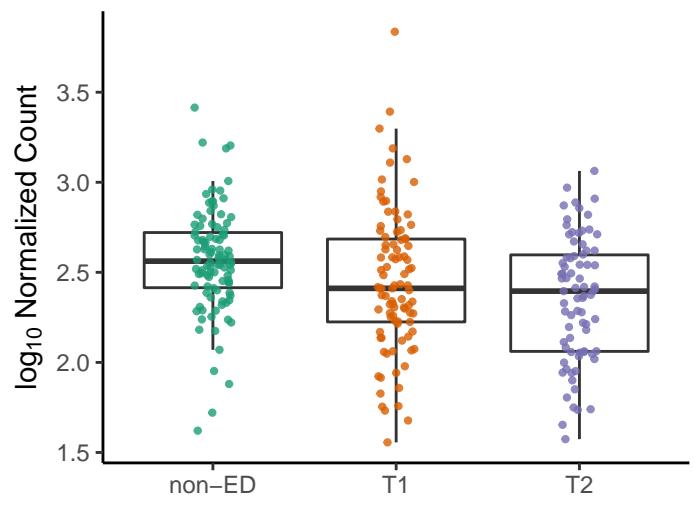
### *Staphylococcus sciuri*

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



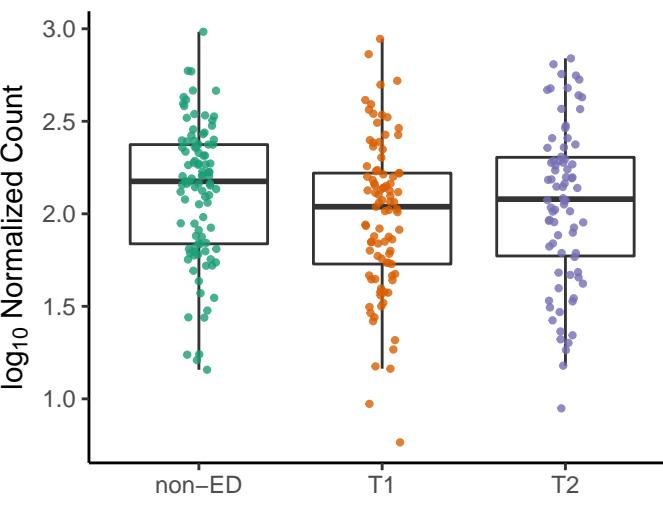
### Unclassified Leclercia Genus

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



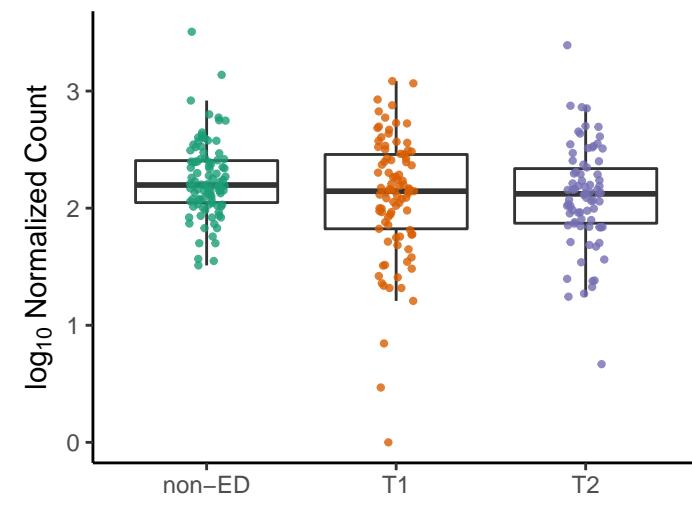
### [*Polyangium*] brachysporum

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.67

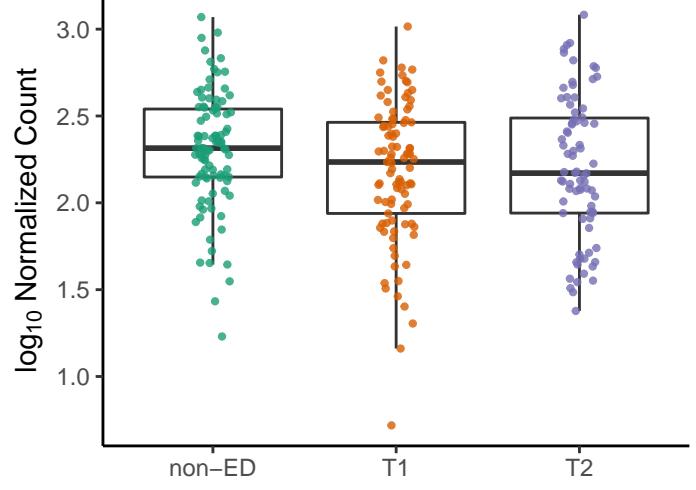


### Actinomyces sp. oral taxon 897

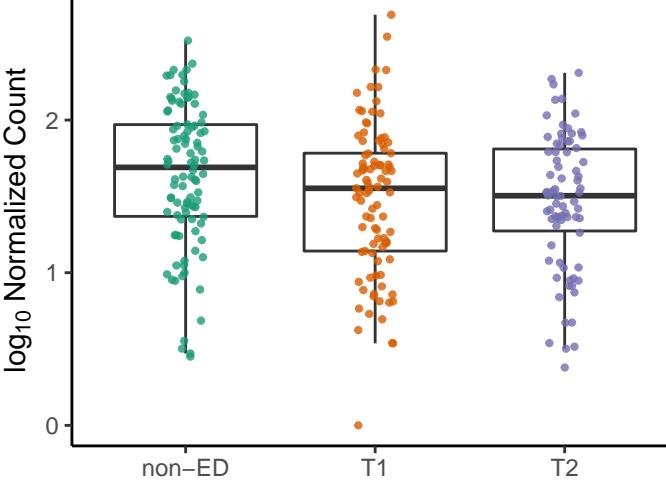
non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.87



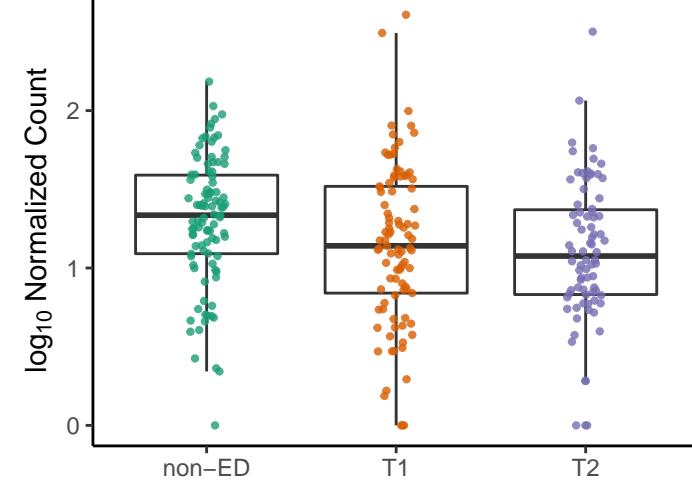
*Janthinobacterium agaricidamnosum*  
non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.77



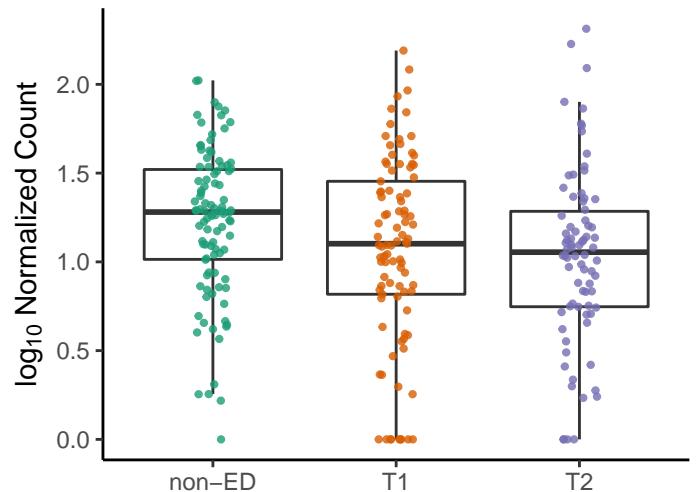
*Ehrlichia ruminantium*  
non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.97



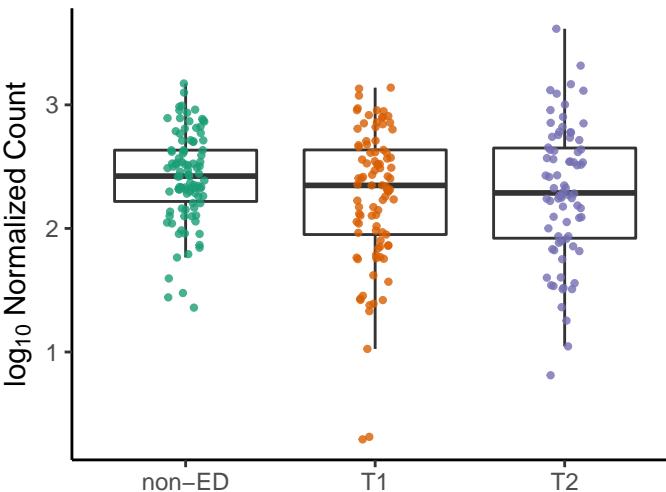
*Campylobacter avium*  
non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.76



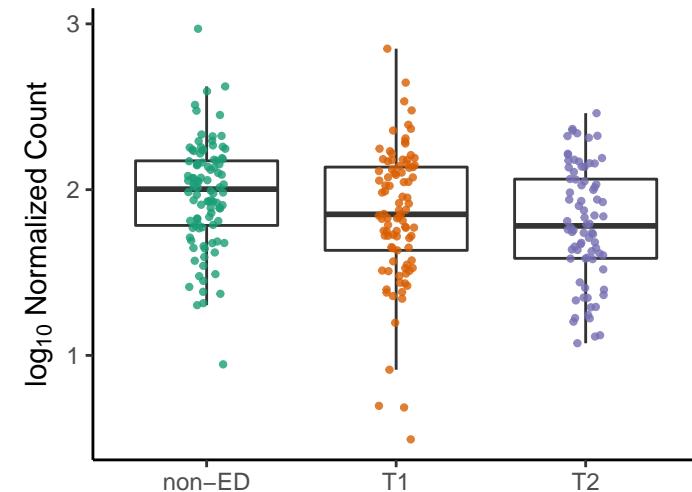
*Alteromonas* sp. 76-1  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.92



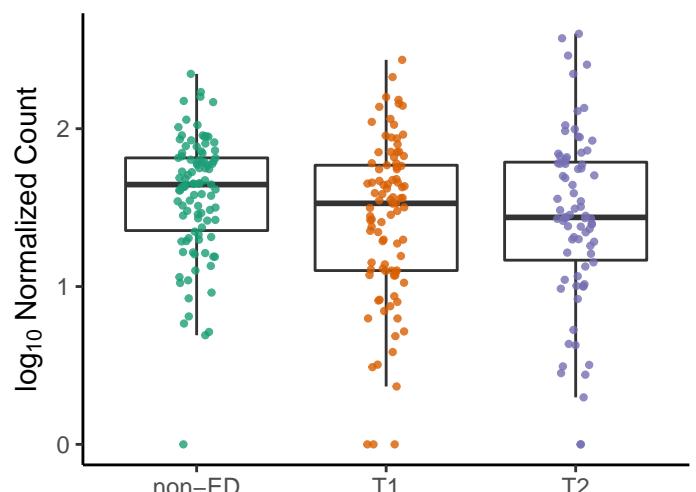
*Baeduia soli*  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.77



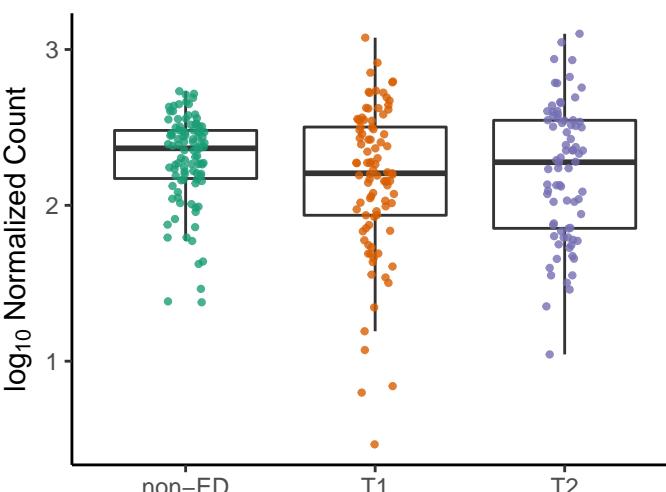
*Novibacillus thermophilus*  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.87



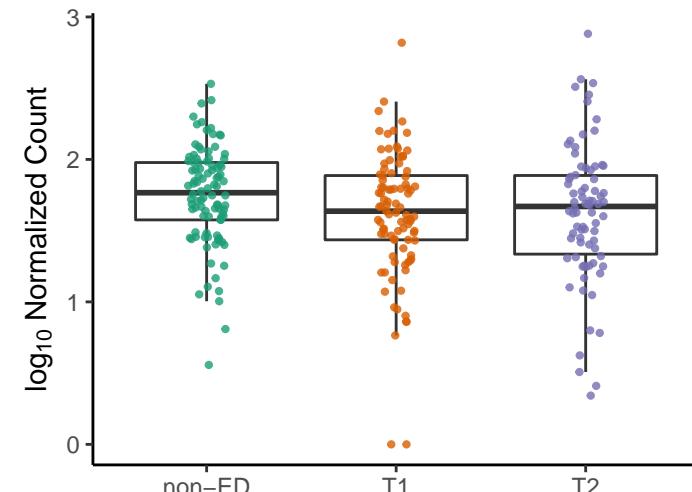
*Pseudarthrobacter* sp. NIBRBAC000502  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.83



*Kibdelosporangium phytohabitans*  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.67

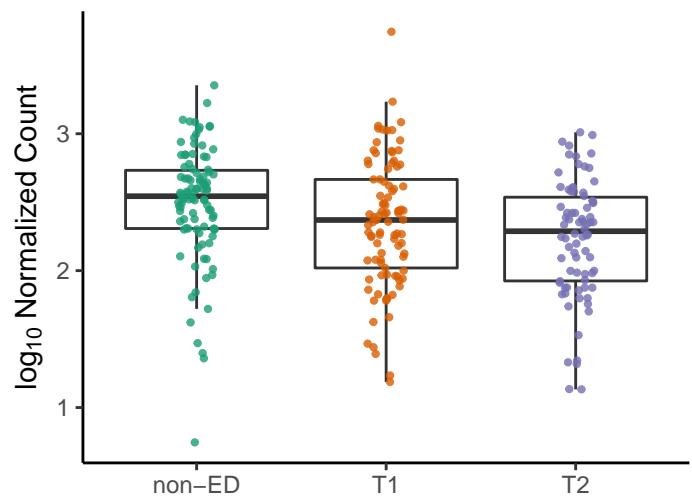


*Aerococcus viridans*  
non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.95



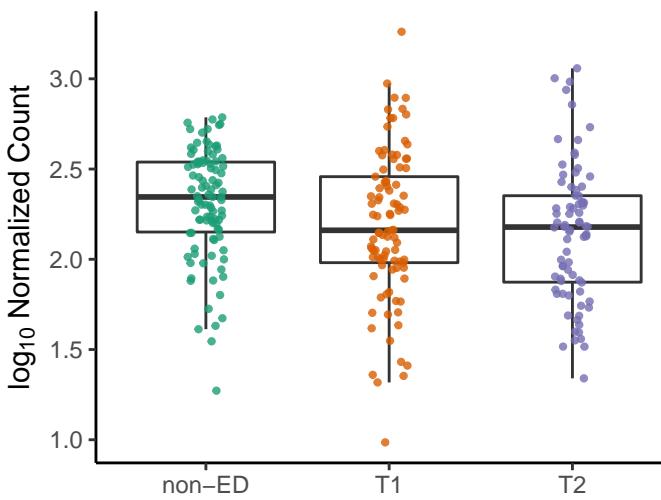
### *Clostridium septicum*

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



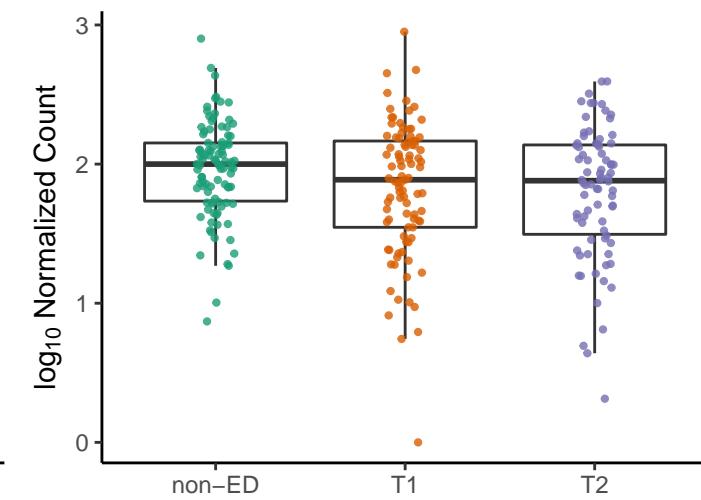
### *Fastidiosipila sanguinis*

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



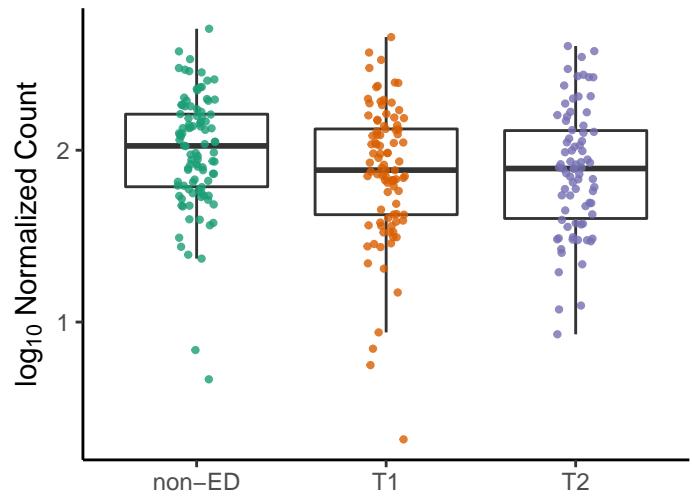
### *Neorhizobium* sp. SOG26

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.93



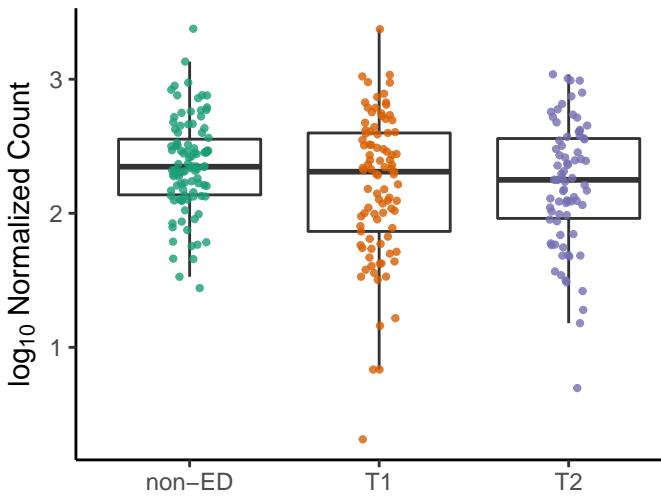
### *Vibrio furnissii*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.86



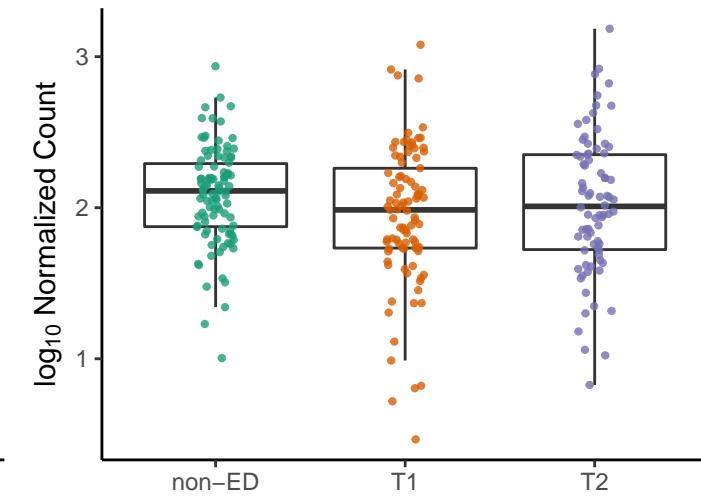
### *Melittangium boletus*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.79



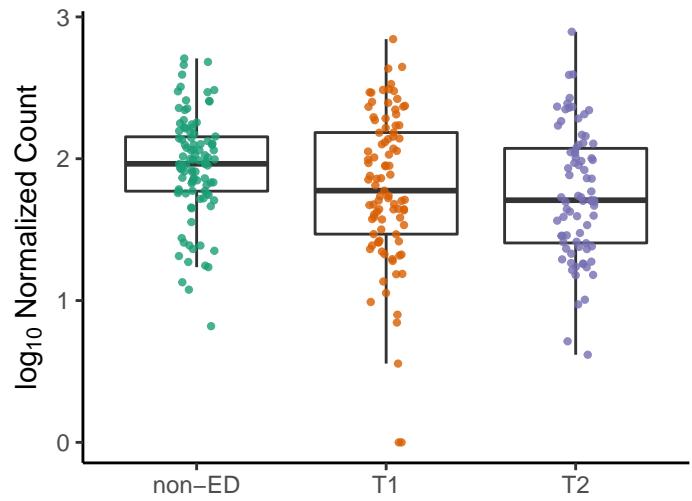
### *Ralstonia pickettii*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.42  
 T1 vs. T2 adjusted p = 0.68



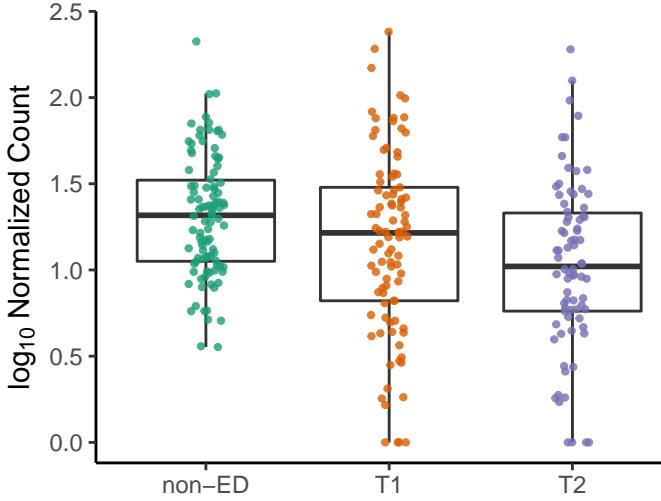
### *Pistricoccus aurantiacus*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.95



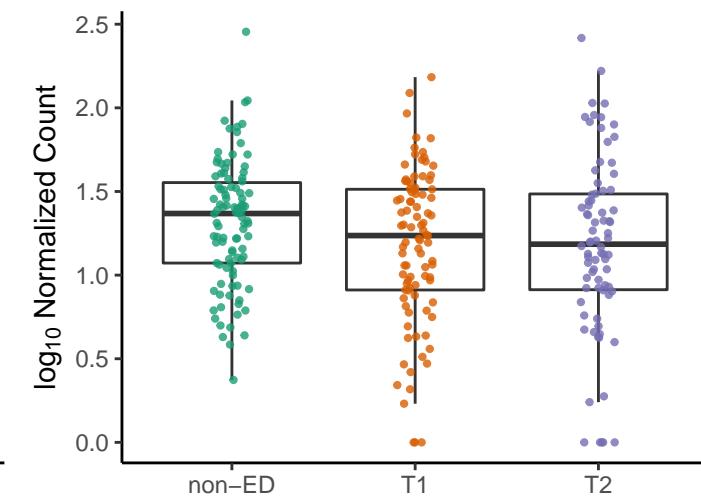
### TM7 phylum sp. oral taxon 488

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



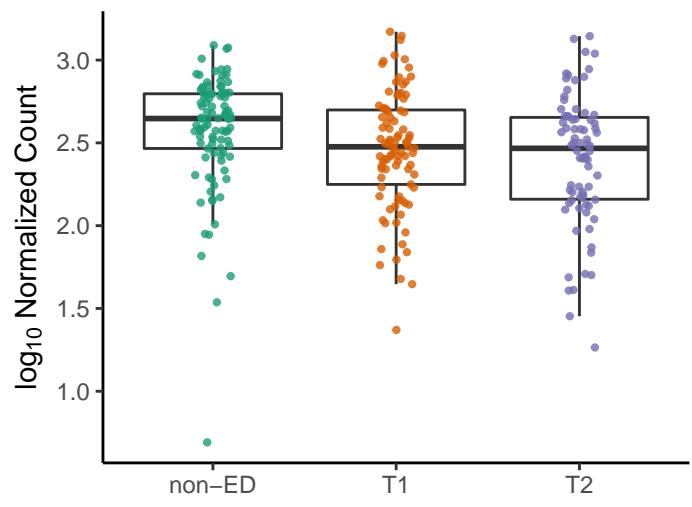
### *Pseudomonas luteola*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.91



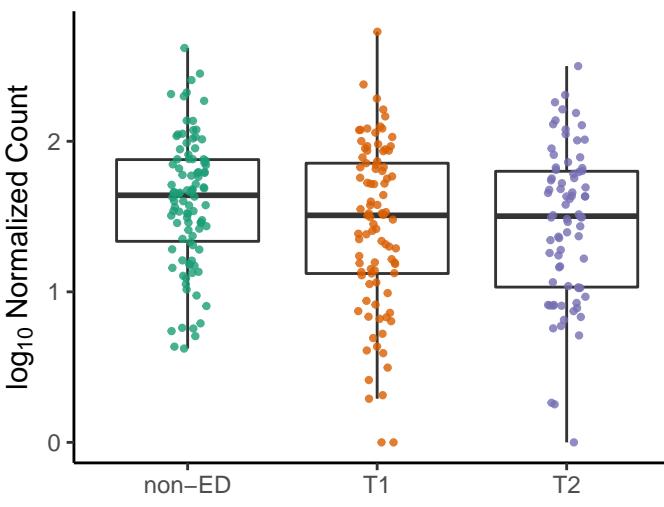
### *Clostridium cellulovorans*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.73



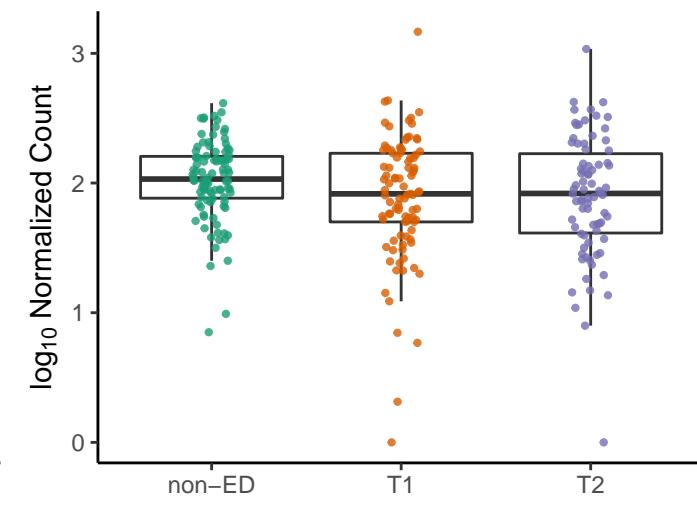
### *Natrinema sp. J7-2*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.83



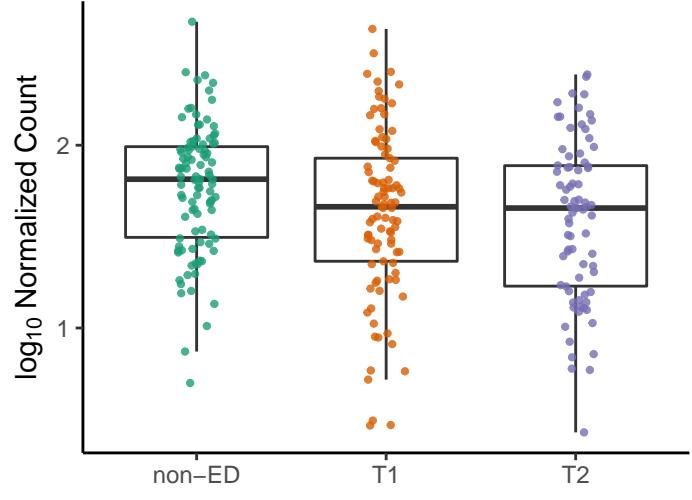
### *Aeromicrobium choanae*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.89



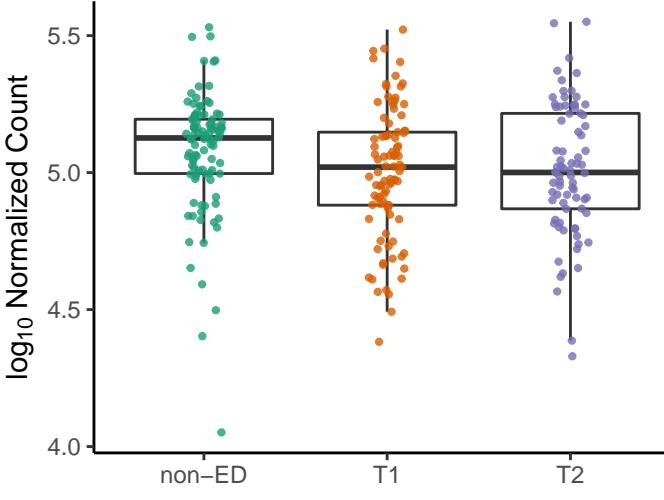
### *Glutamicibacter arilaitensis*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.95



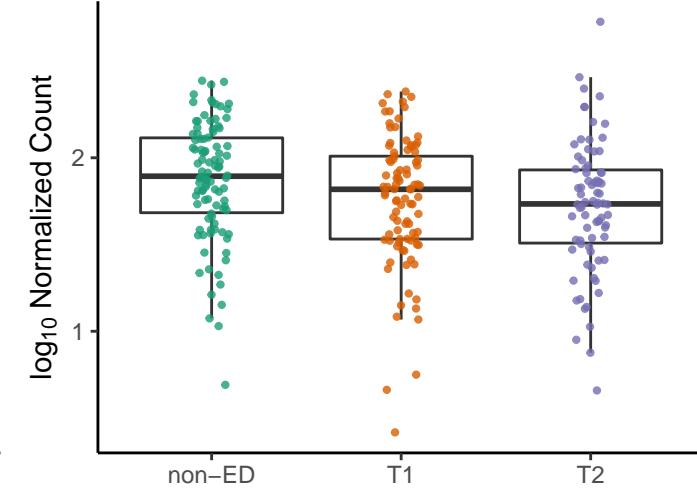
### Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.89



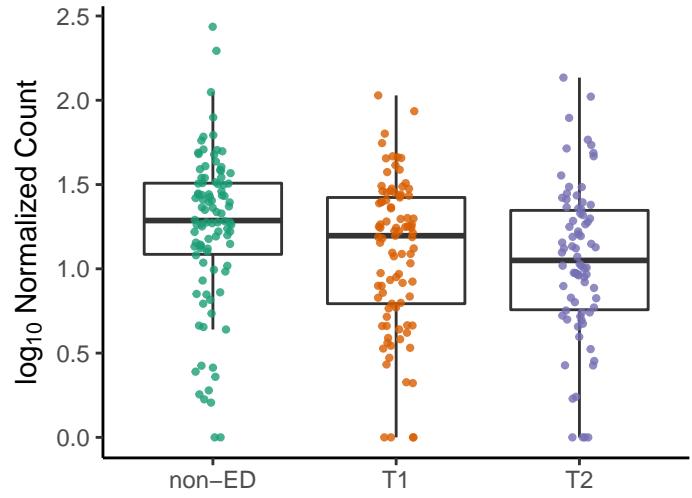
### *Cellvibrio japonicus*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.8



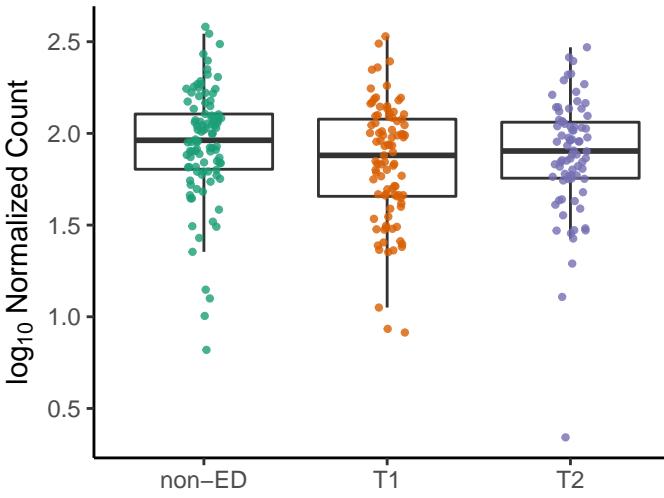
### *Bartonella clarridgeiae*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.8



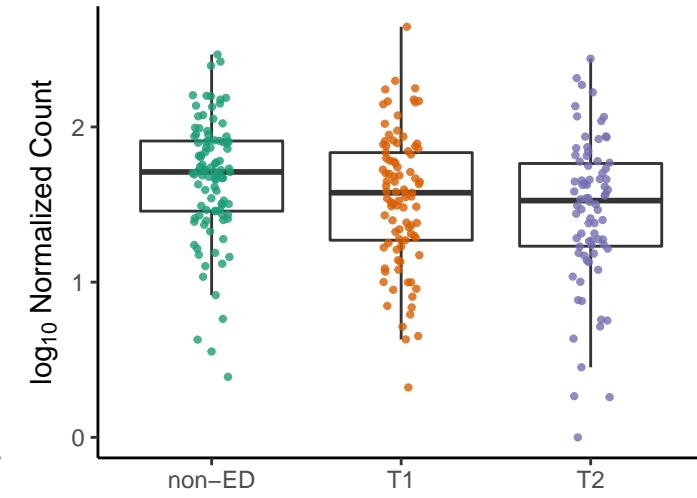
### *Planococcus rifetoensis*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.73



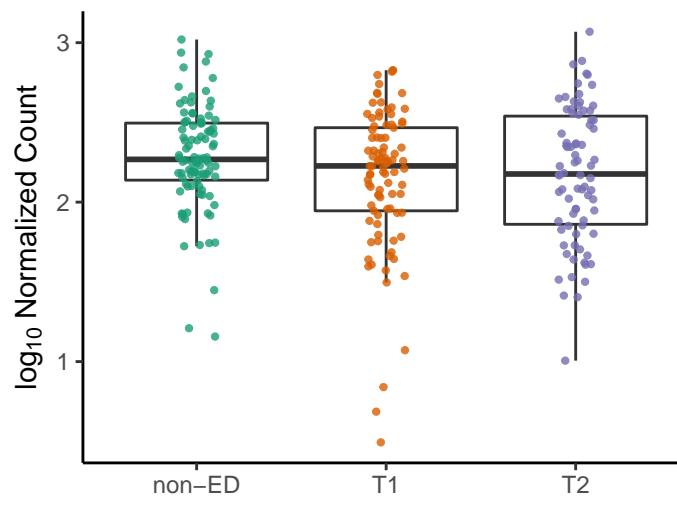
### *Shewanella woodyi*

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



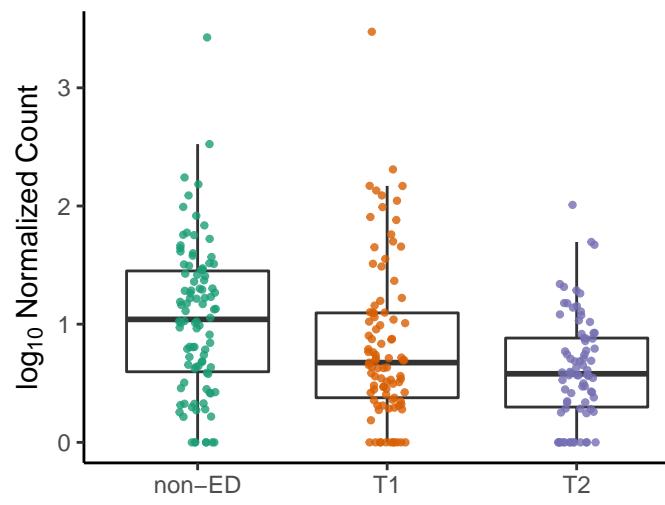
### Unclassified Halobacteria Class

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



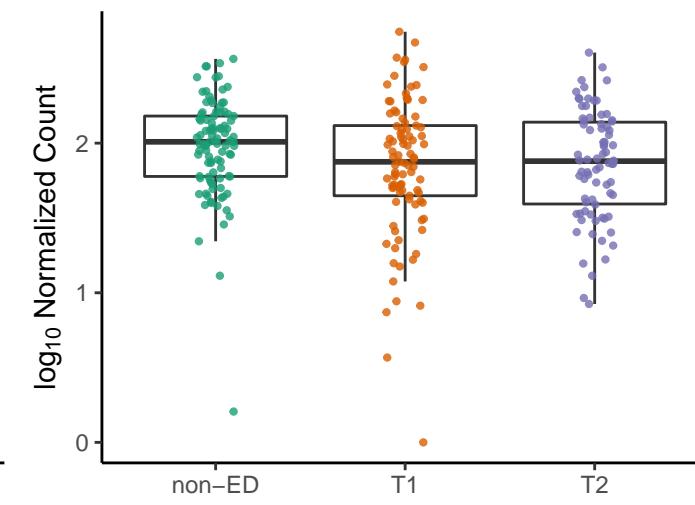
### *Yersinia pestis*

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



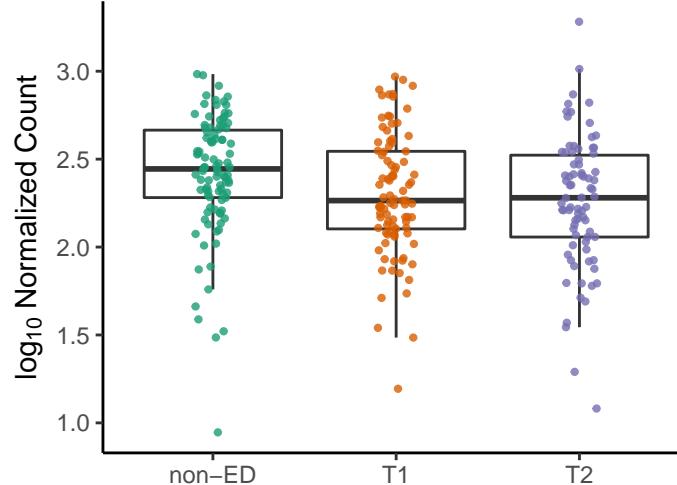
### *Thalassospira marina*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.84



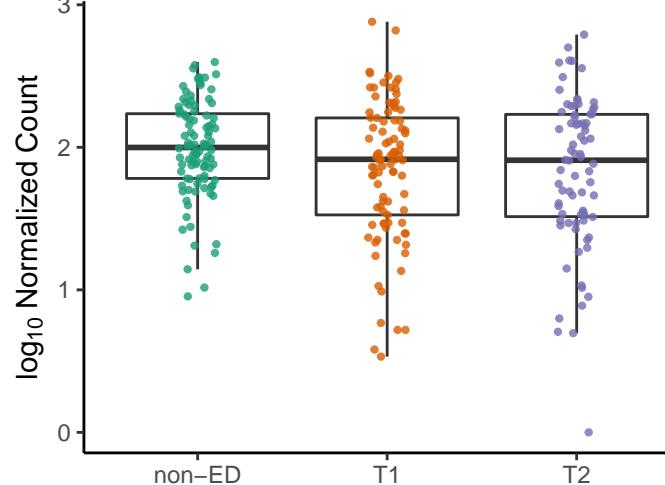
### *Clostridium tyrobutyricum*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.78



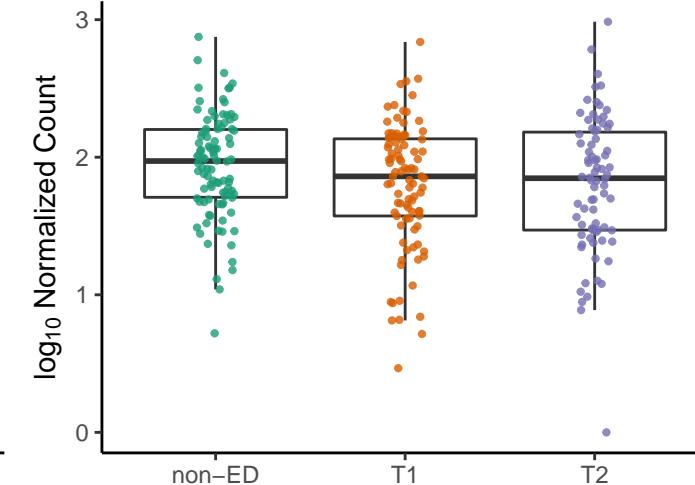
### *Streptomyces vietnamensis*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.95



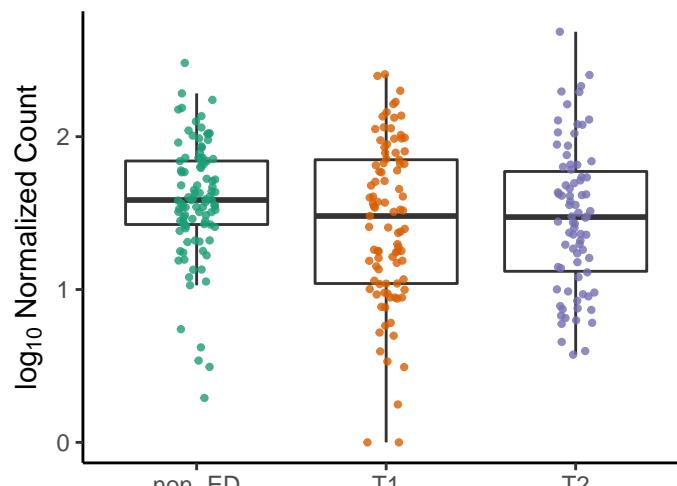
### *Acidihalobacter ferrooxidans*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



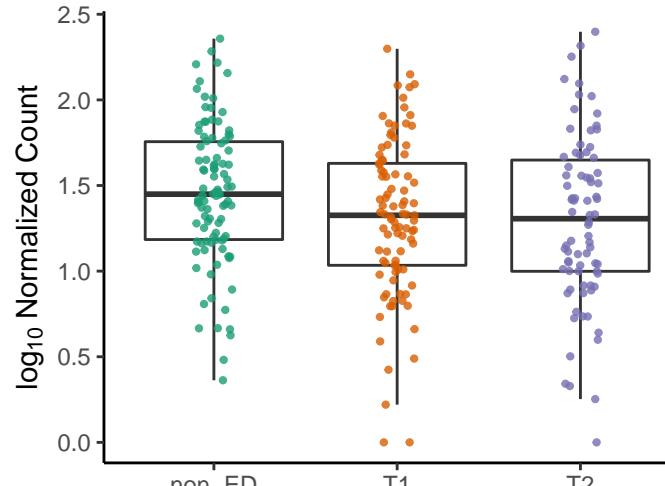
### Unclassified Cellulomonas Genus

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.74



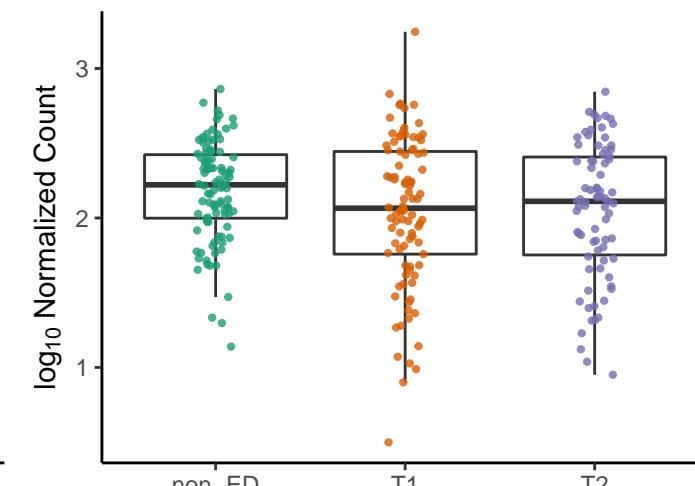
### *Yersinia hibernica*

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.99



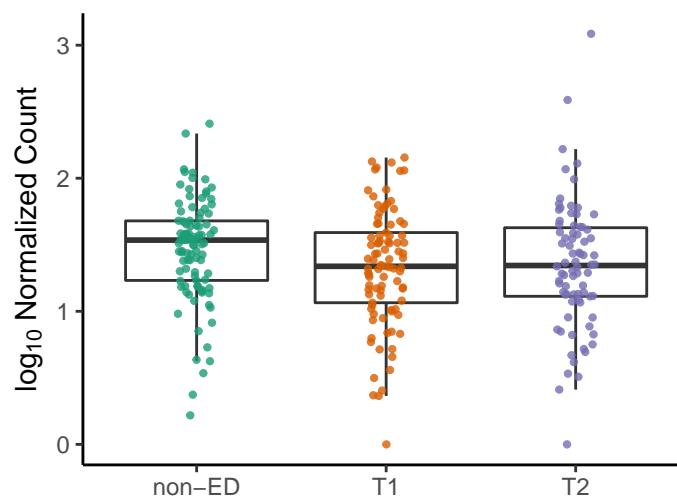
### *Mitsuaria* sp. 7

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.81



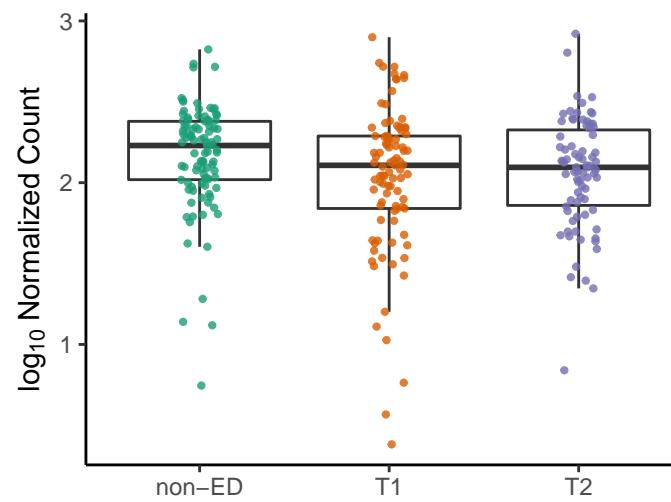
### *Persephonella marina*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.98



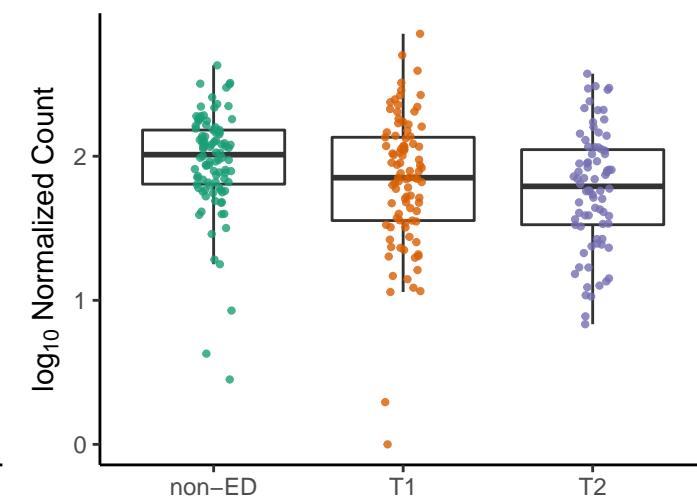
### *Pelobacter sp. SFB93*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.77



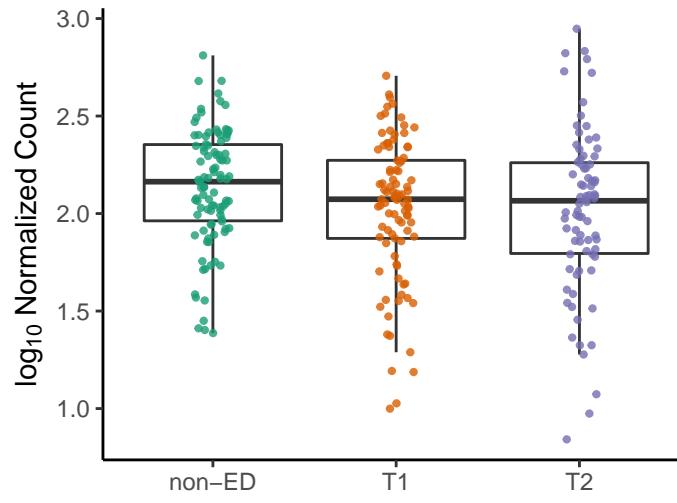
### *Salinivirga cyanobacterivorans*

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



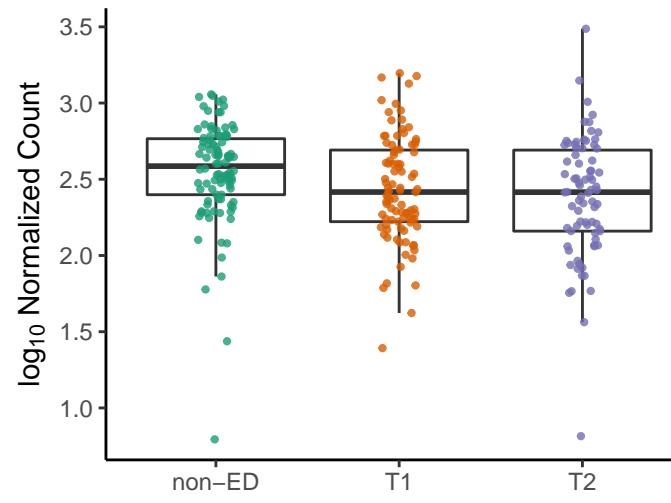
### *Rhizobium rhizoryzae*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.98



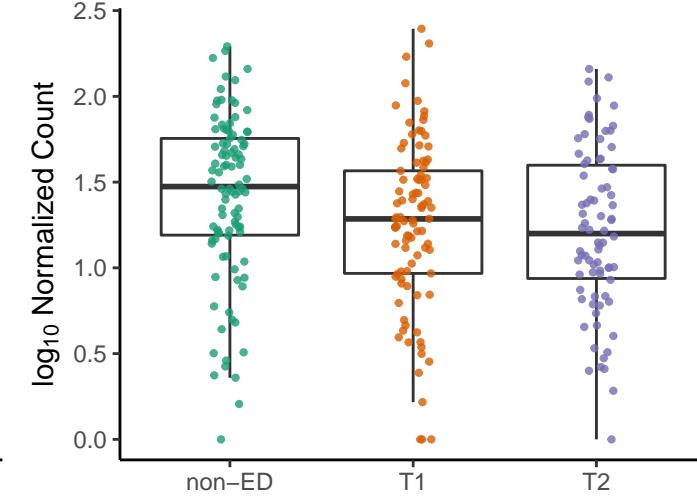
### *Clostridium tetani*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.73



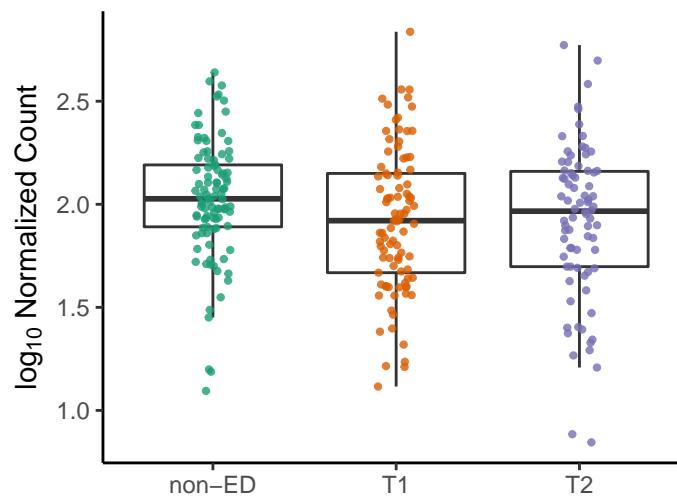
### *Orientia tsutsugamushi*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



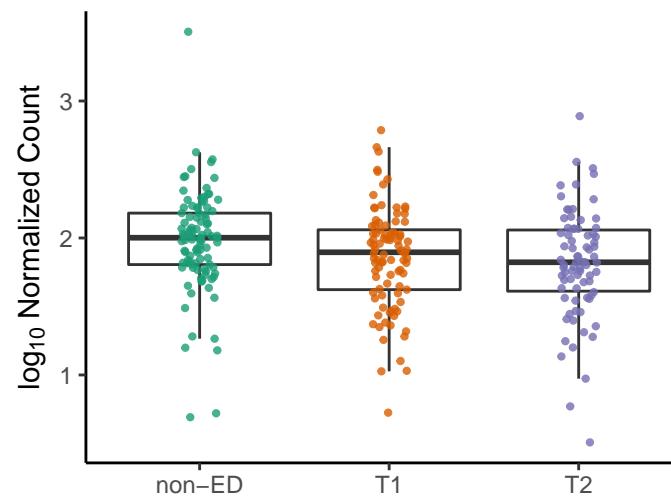
### *Streptococcus respiraculi*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.91



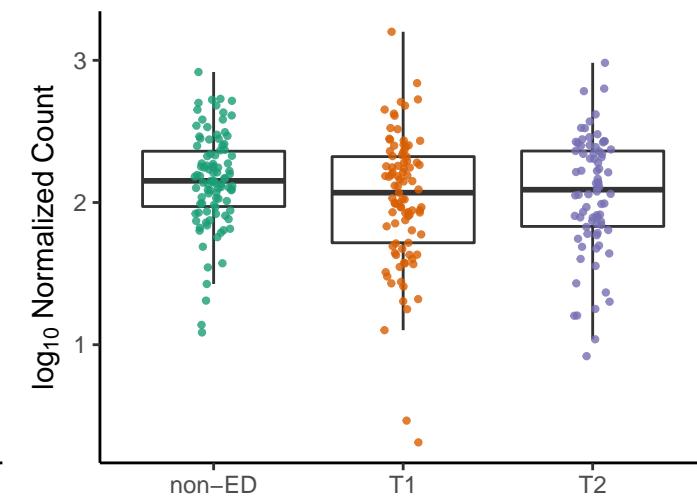
### *Acinetobacter indicus*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.89



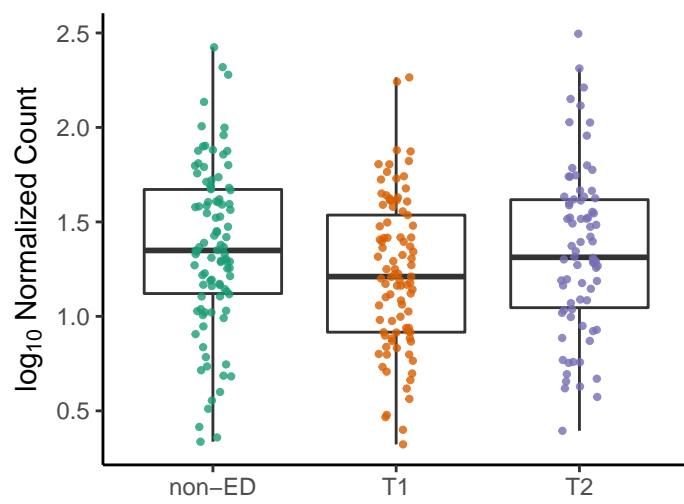
### *Azoarcus sp. DD4*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.73



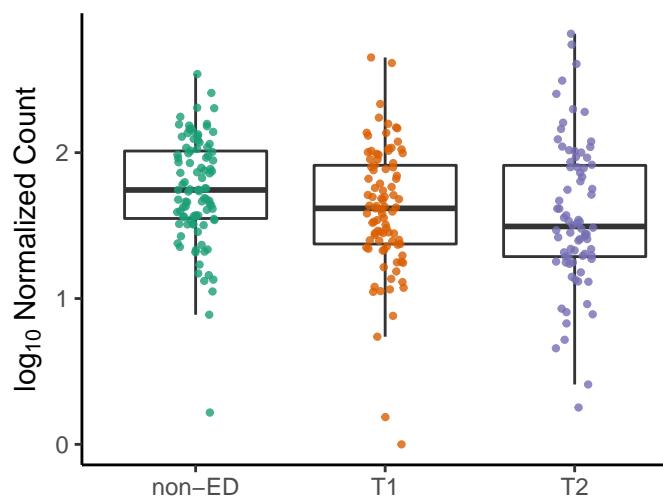
### *Shewanella oneidensis*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.83  
 T1 vs. T2 adjusted p = 0.4



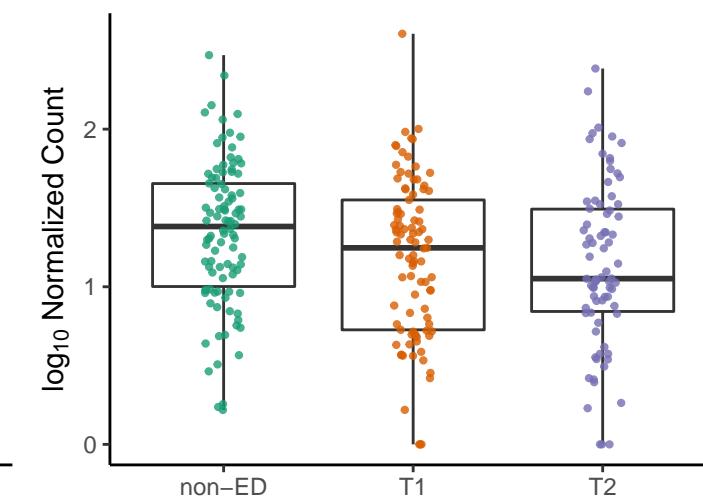
### *Limnobaculum parvum*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.86



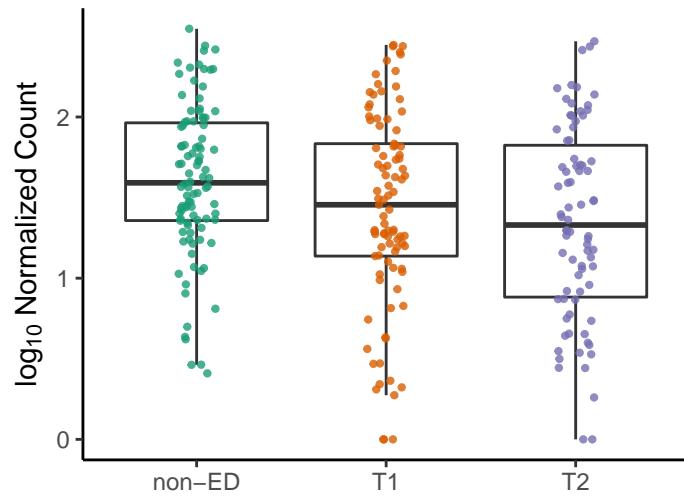
### *Pseudomonas amygdali*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



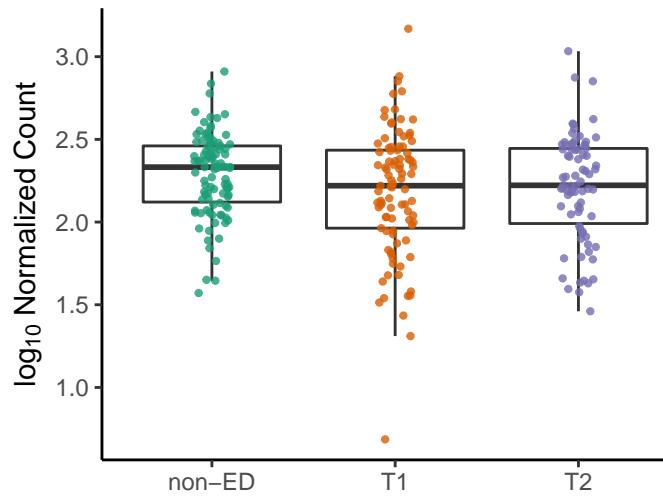
### *Halobacterium sp. DL1*

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



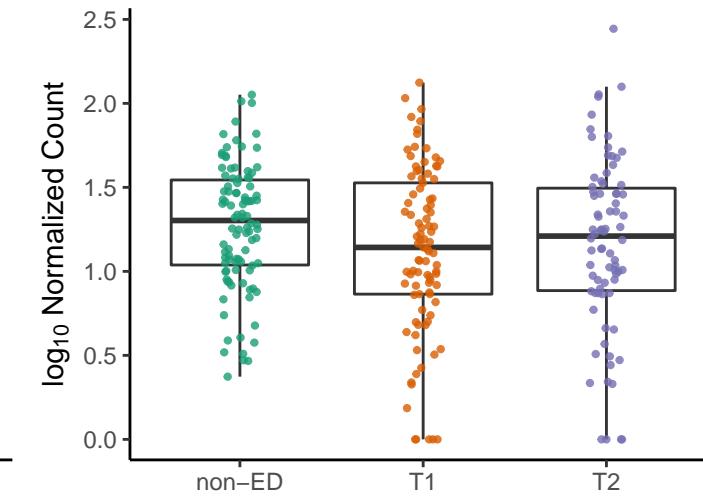
### *Thermothelomyces thermophilus*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.67



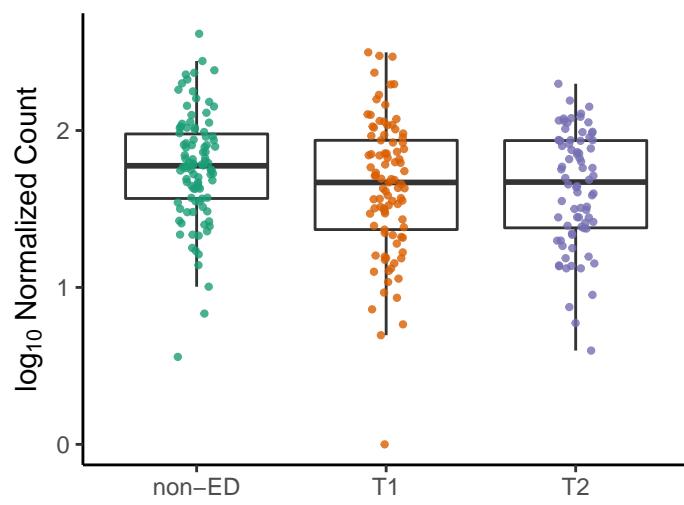
### *Tropheryma whipplei*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.97



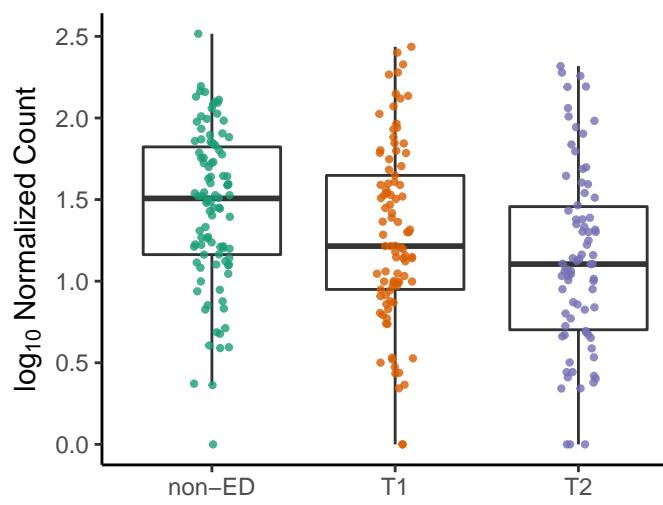
### *Athalassotoga saccharophila*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.91



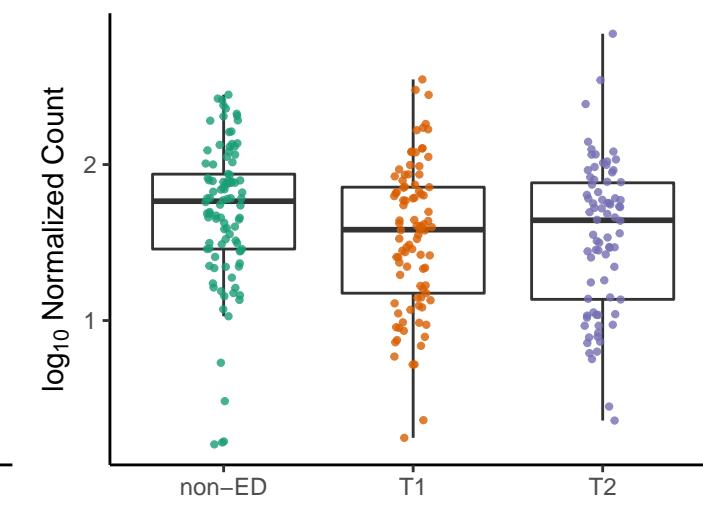
### *Spiroplasma tabanidicola*

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



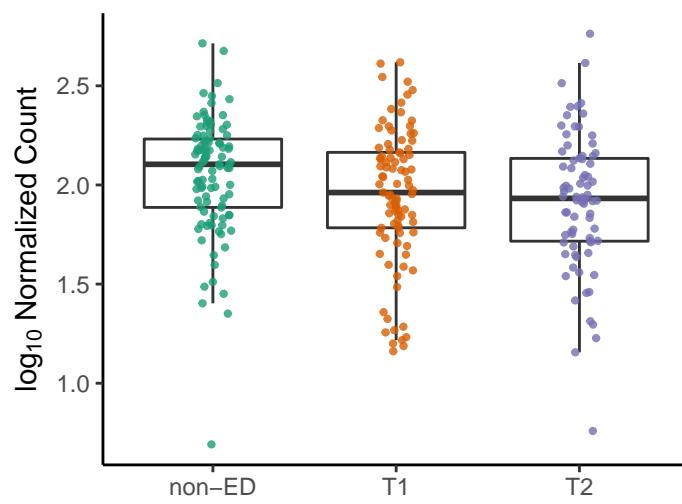
### *Polaribacter reichenbachii*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 1



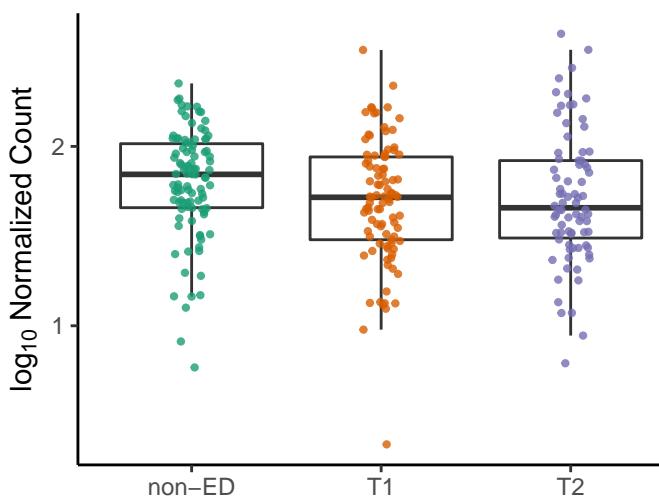
### *Alteromonas macleodii*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.93



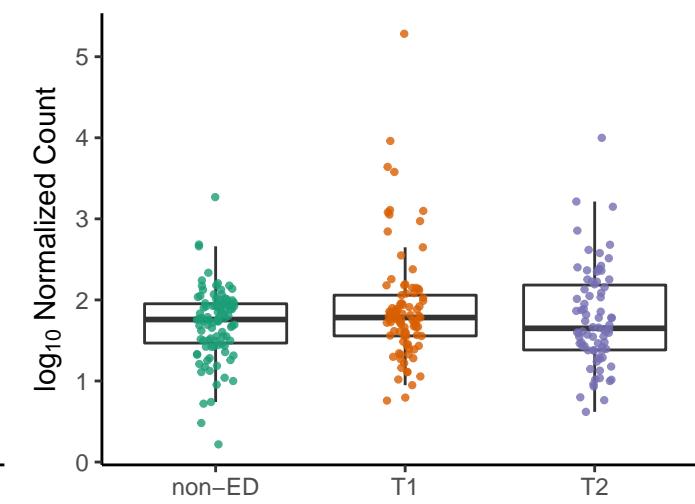
### *Gilvibacter sp. SZ-19*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.9



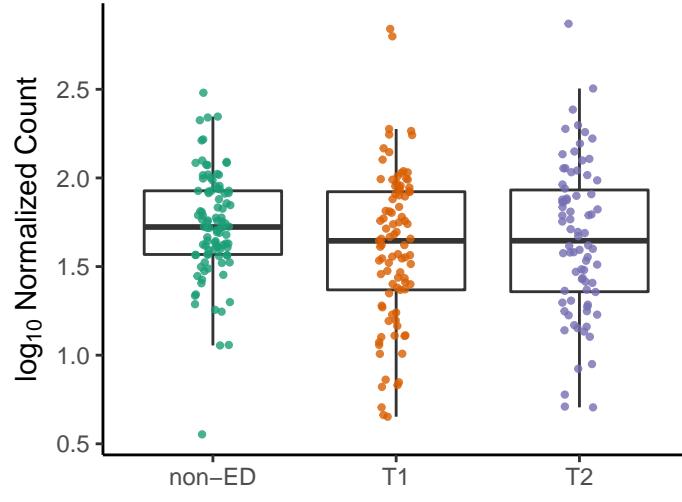
### *Lactobacillus gasseri*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.5  
 T1 vs. T2 adjusted p = 0.67



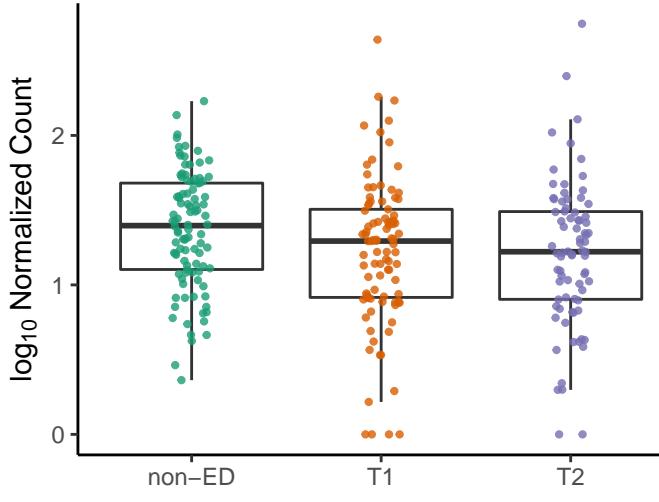
### *Pseudoalteromonas rubra*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.78



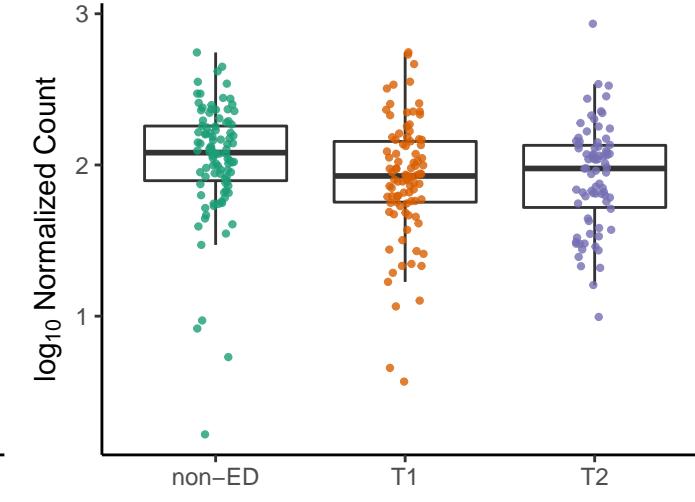
### *Vibrio crassostreae*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.98



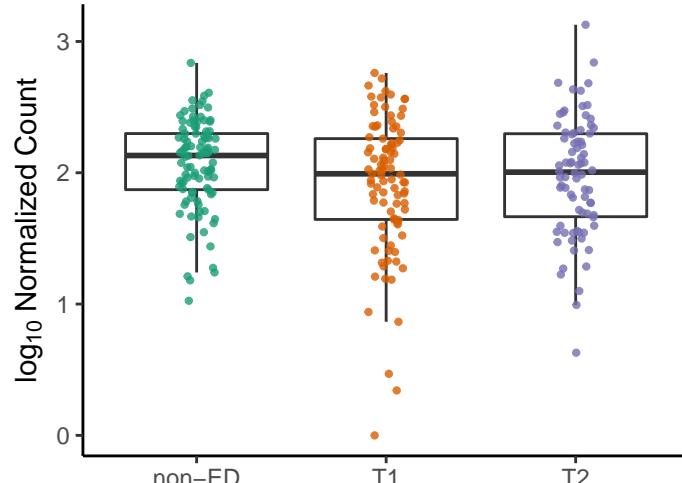
### *Virgibacillus phasianinus*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.83



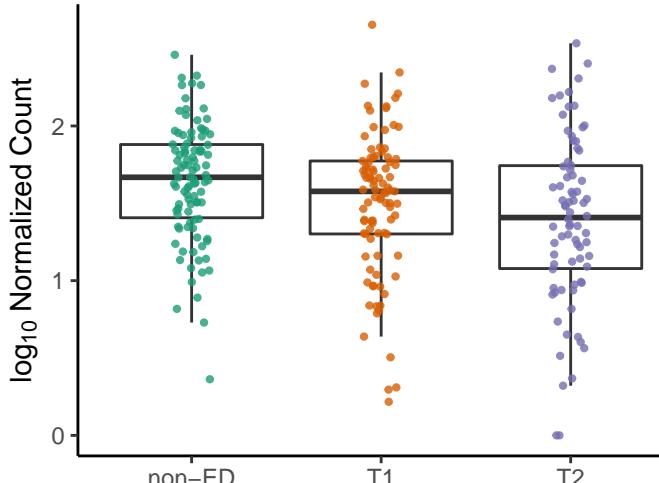
### *Gordonia bronchialis*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.71



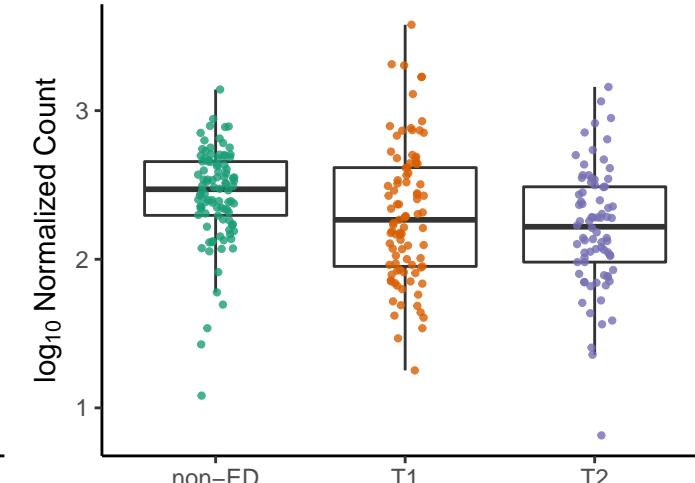
### *Formosa sp. L2A11*

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



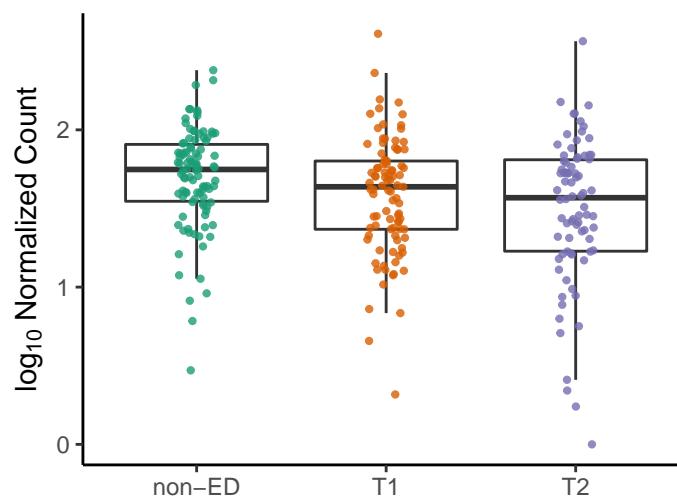
### *Peptoniphilus harei*

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



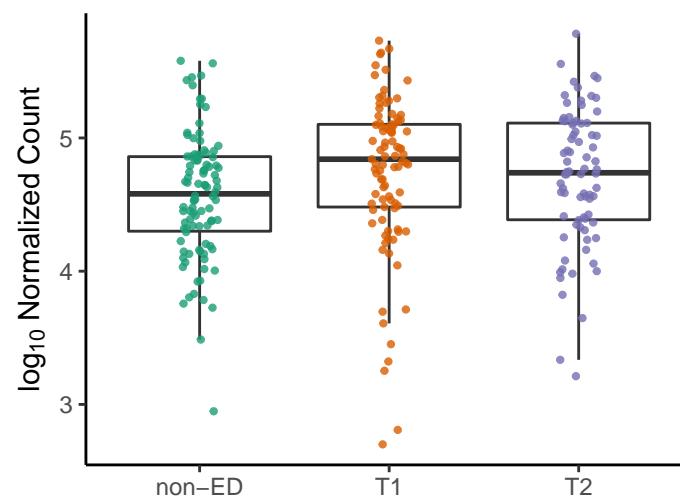
### Neisseriaceae bacterium DSM 100970

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



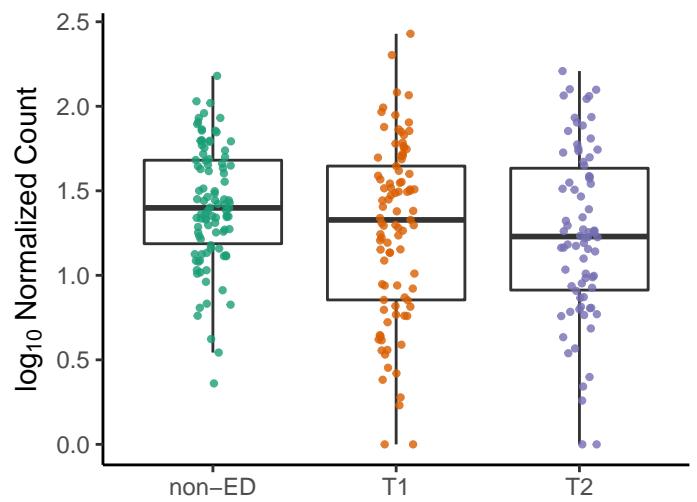
### Unclassified Oscillospiraceae Family

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.89



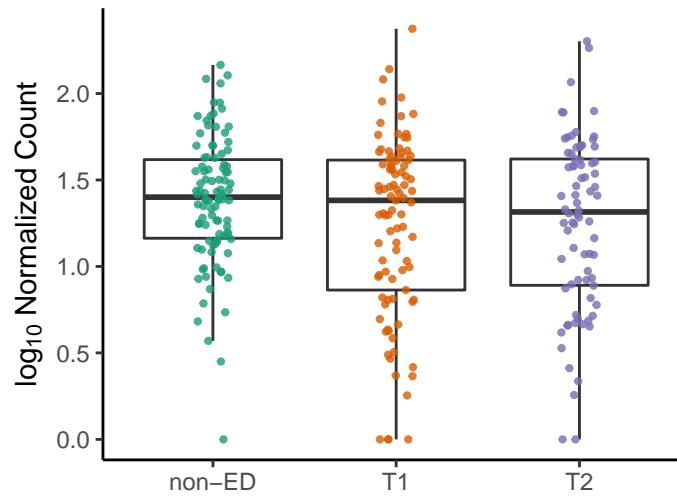
### Unclassified Propionibacterium Genus

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 1



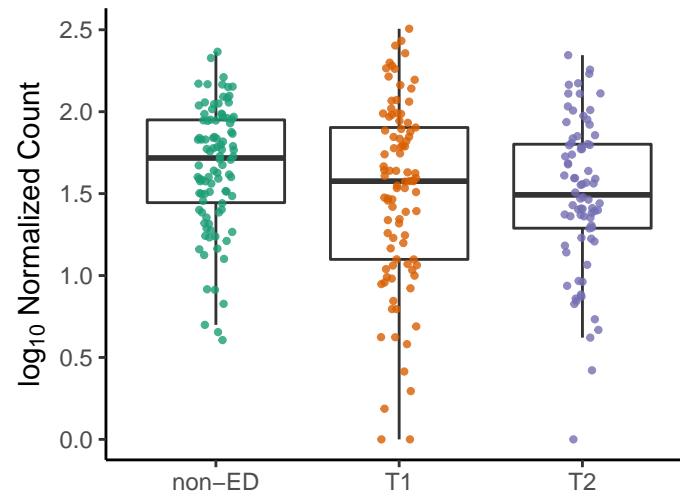
### Mannheimia sp. USDA-ARS-USMARC

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.93



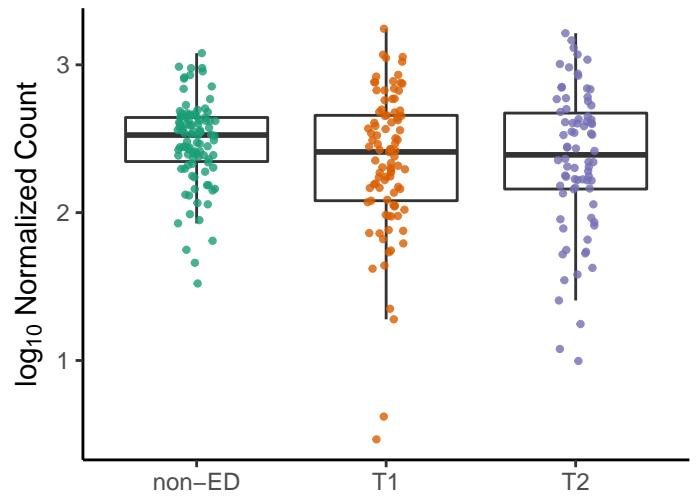
### Mycobacterium sp. ELW1

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.88



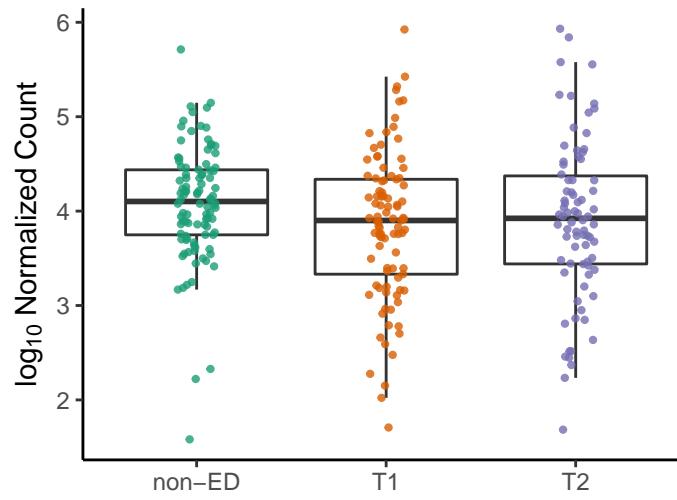
### Streptosporangium roseum

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



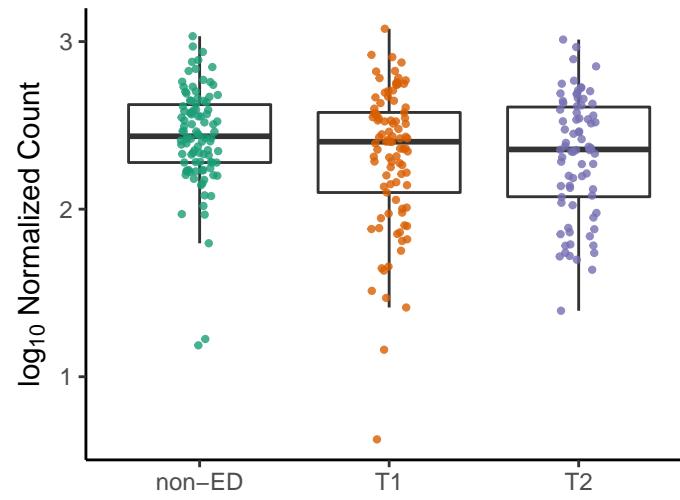
### Streptococcus salivarius

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.88



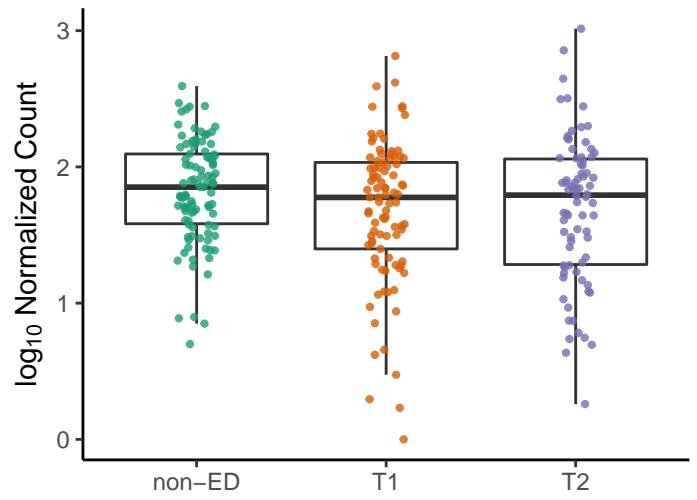
### Pelobacter propionicus

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.84



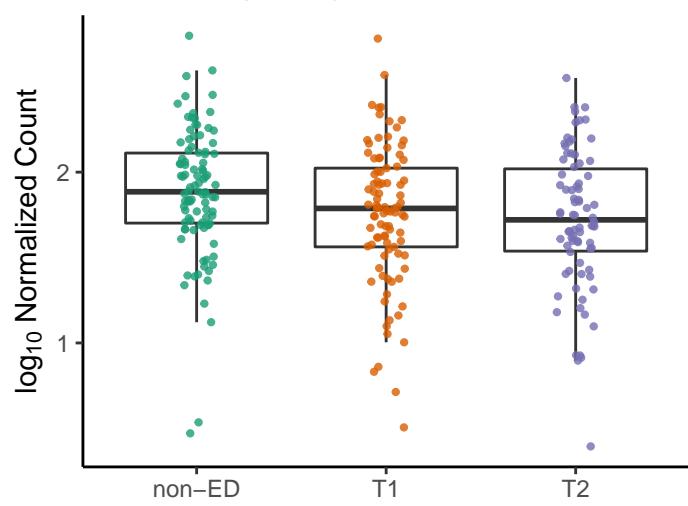
### Microbacterium sp. 4R-513

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



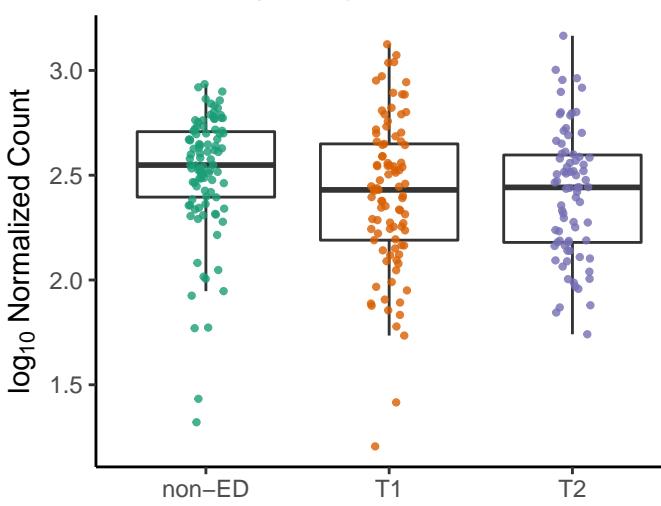
### *Aggregatibacter actinomycetemcomitans*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.82



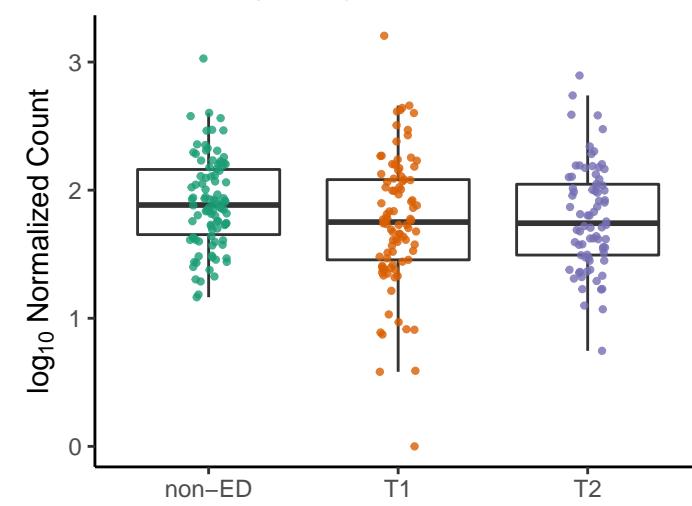
### *Gudongella oleilytica*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.86



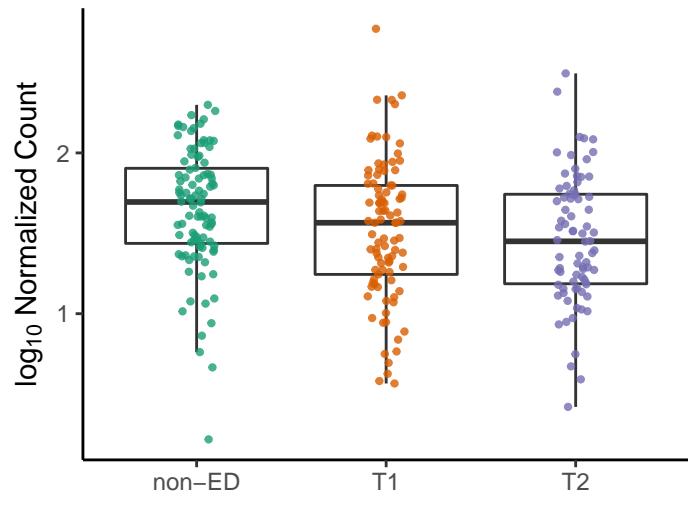
### *Gordonia* sp. YC-JH1

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.74



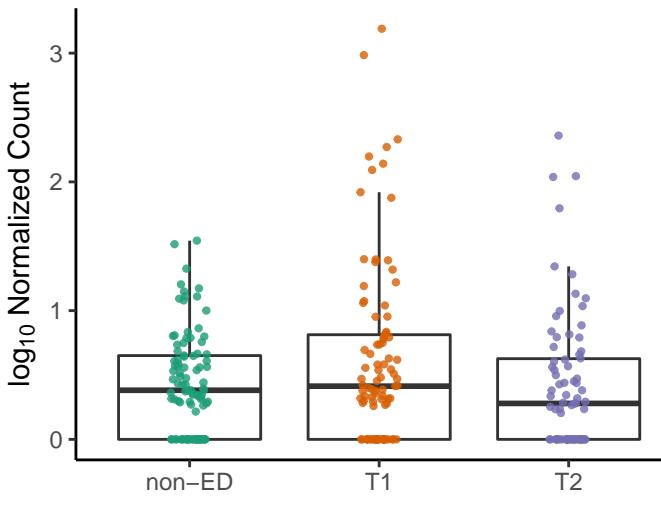
### *Pichia kudriavzevii*

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



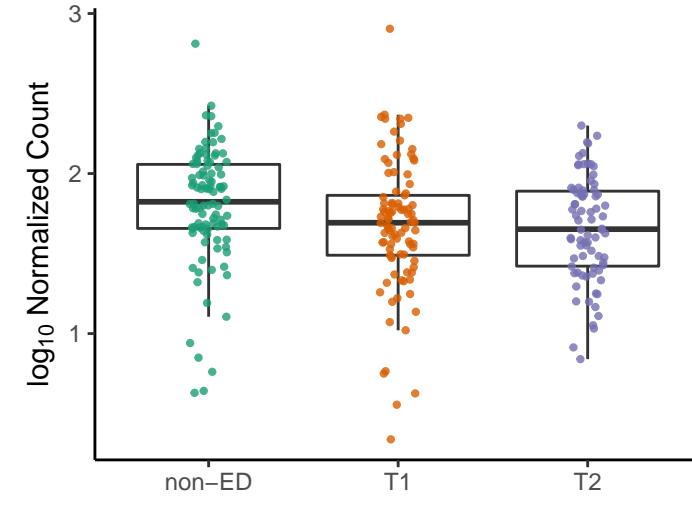
### *Klebsiella quasivariicola*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.88  
 T1 vs. T2 adjusted p = 0.38



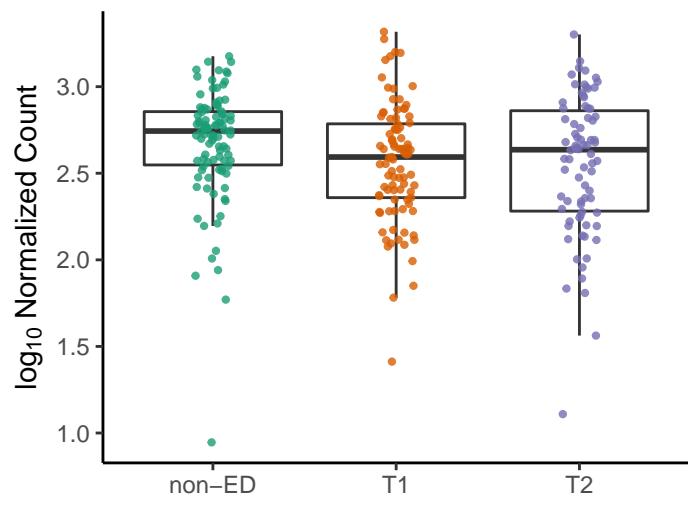
### *Candida orthopsisilosis*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.98



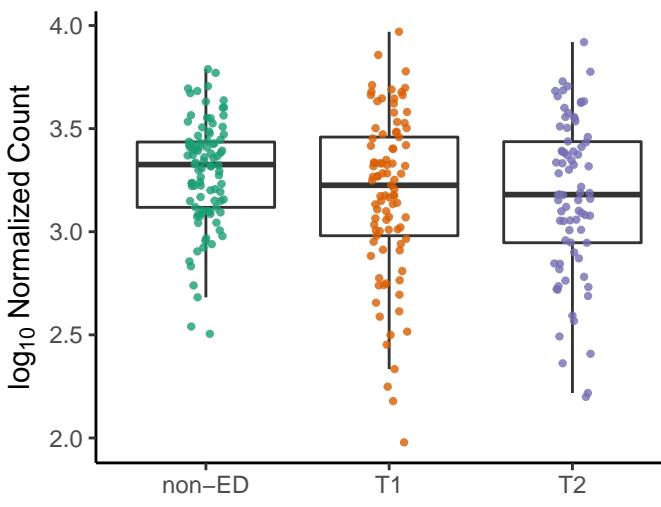
### *Clostridium argentinense*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.9



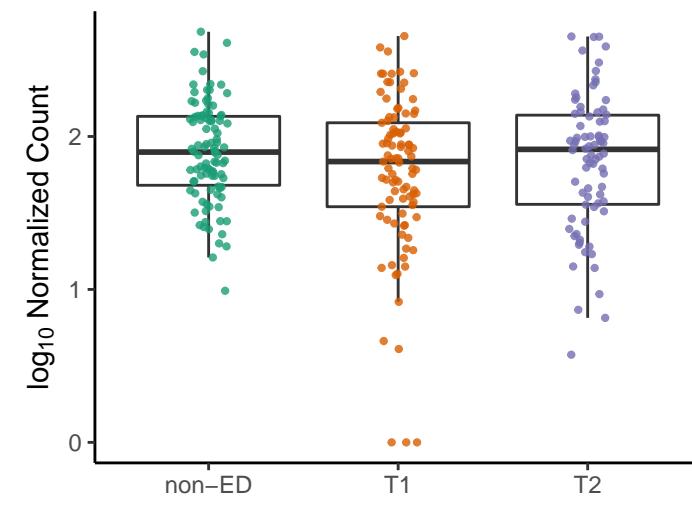
### Unclassified Burkholderiales Order

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.91



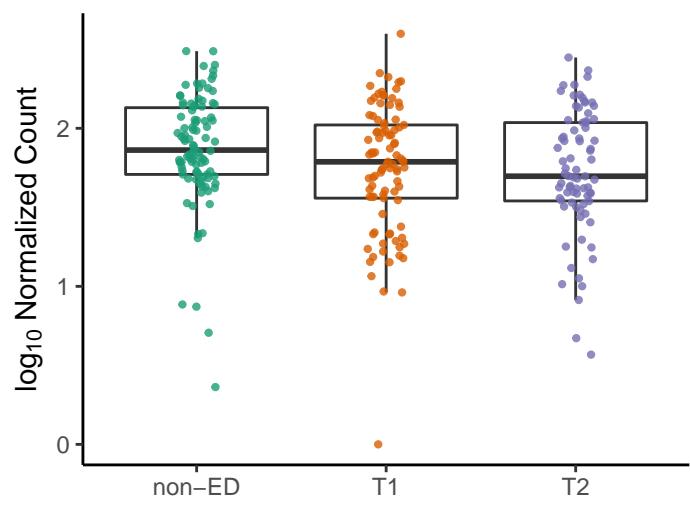
### *Aeromonas encheleiae*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.68



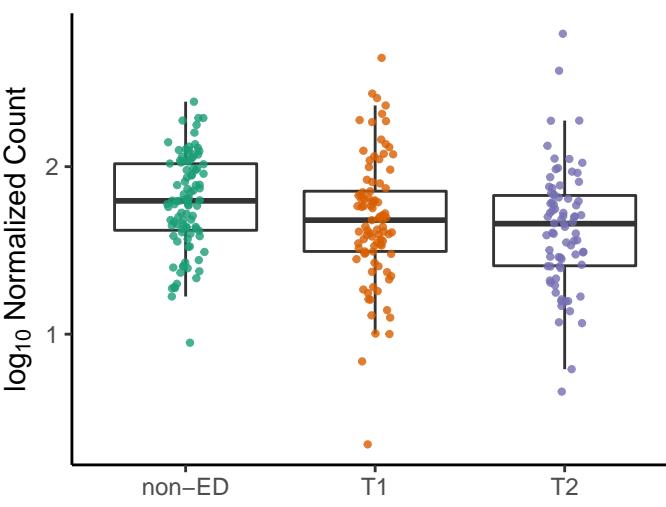
### Providencia heimbachae

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.93



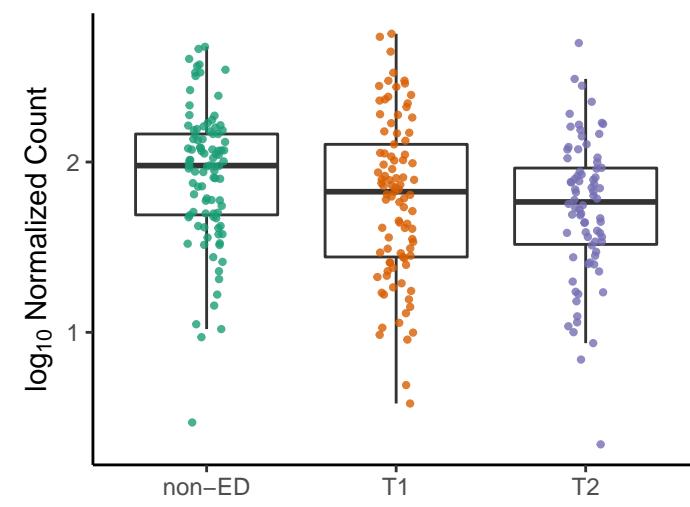
### Snodgrassella alvi

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



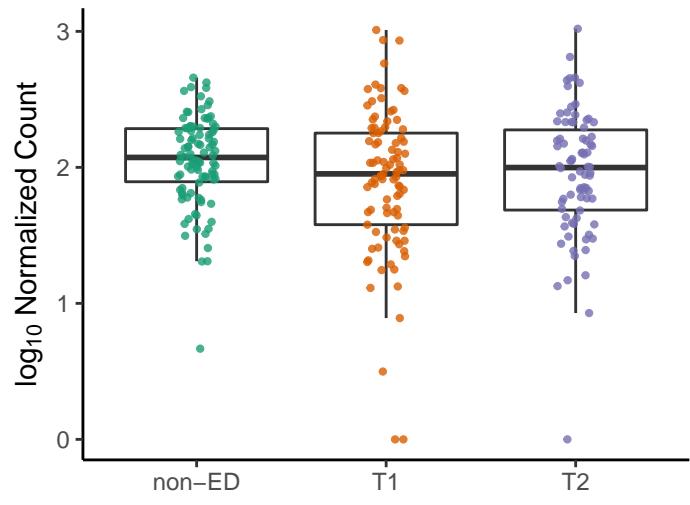
### Unclassified Marinitoga Genus

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



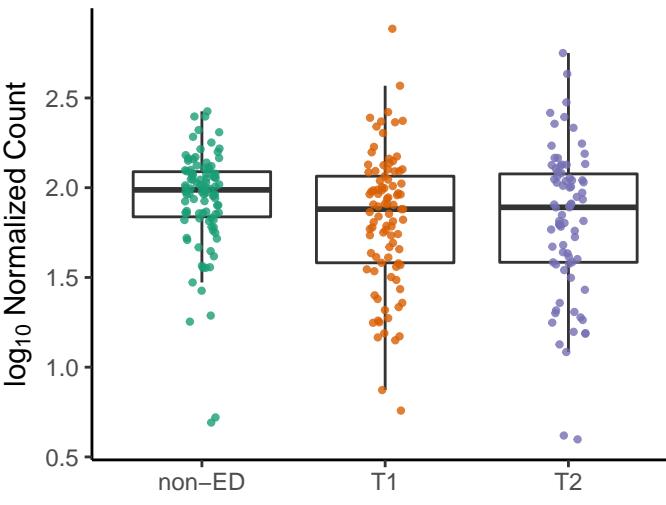
### Rhodobacteraceae bacterium SH-1

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.67



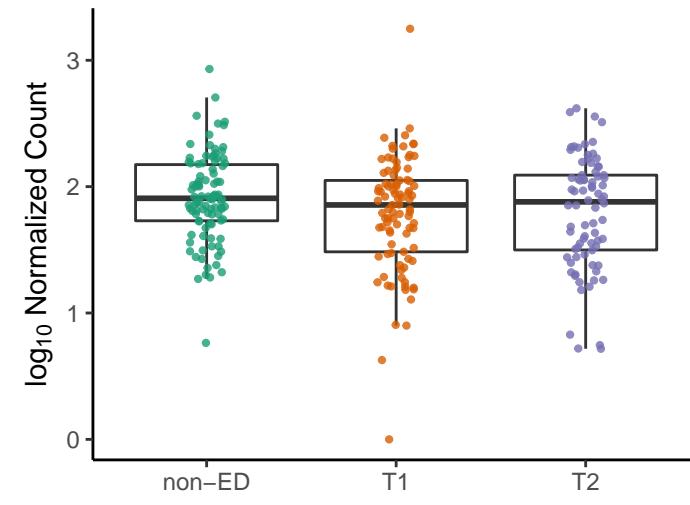
### Photobacterium damselae

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.92



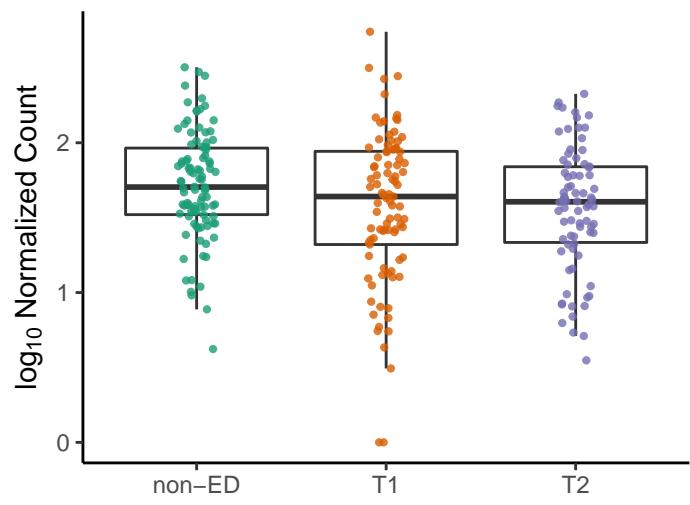
### Streptomyces sp. TN58

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.86



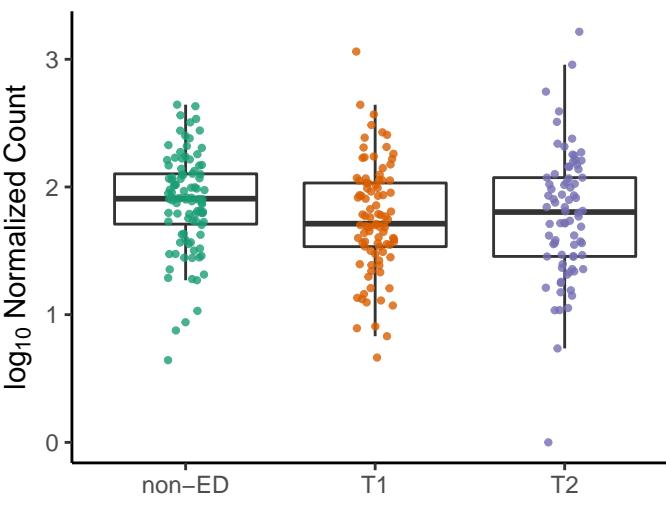
### Microbacterium sp. PM5

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.97



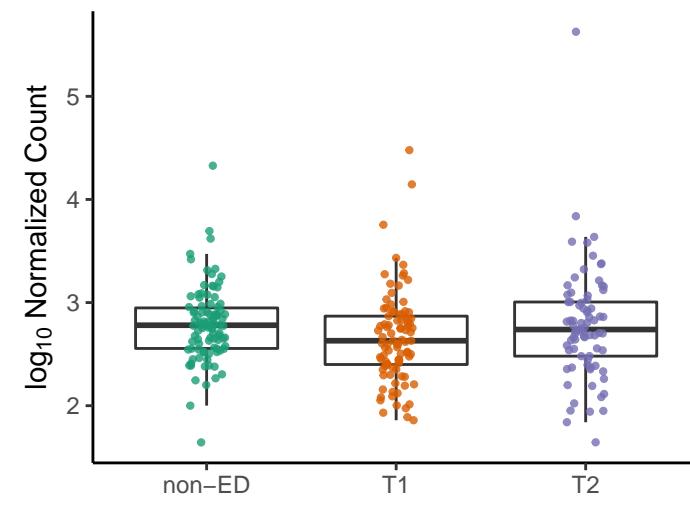
### Geminocystis sp. NIES-3709

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.96



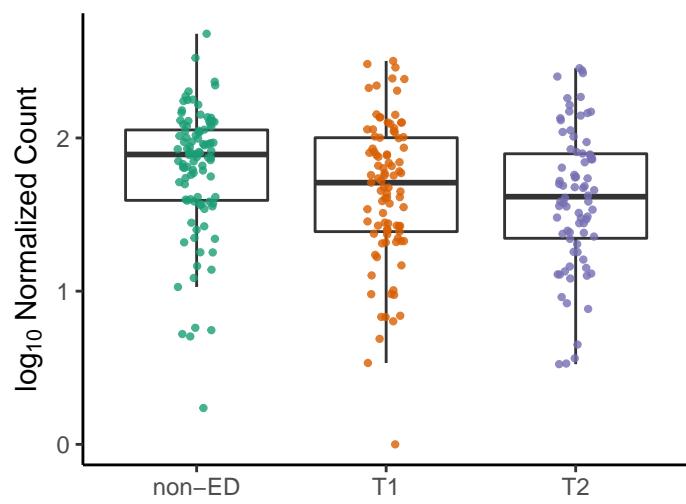
### Lactobacillus delbrueckii

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.86  
T1 vs. T2 adjusted p = 0.46



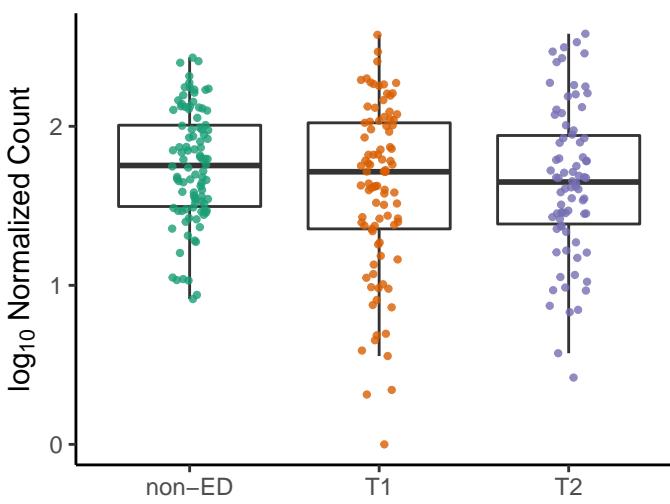
### Owenweeksia hongkongensis

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.74



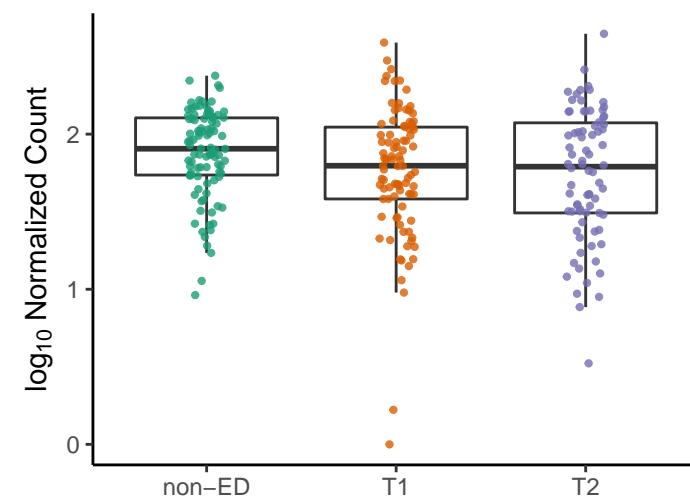
### Unclassified Methylorum Genus

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.71



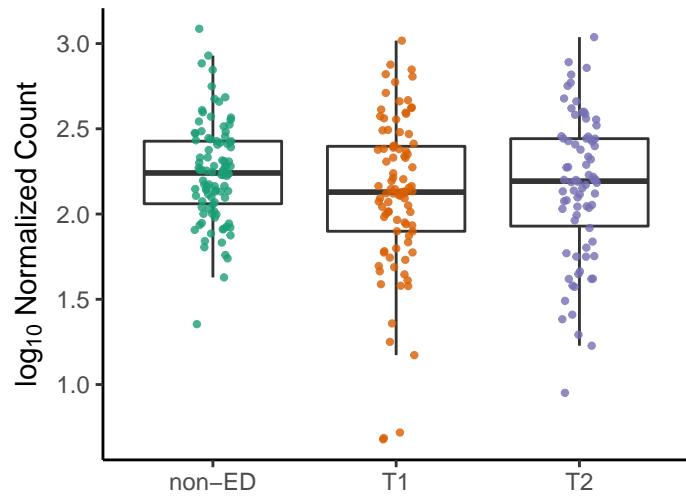
### Flavobacterium sp. CJ74

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.96



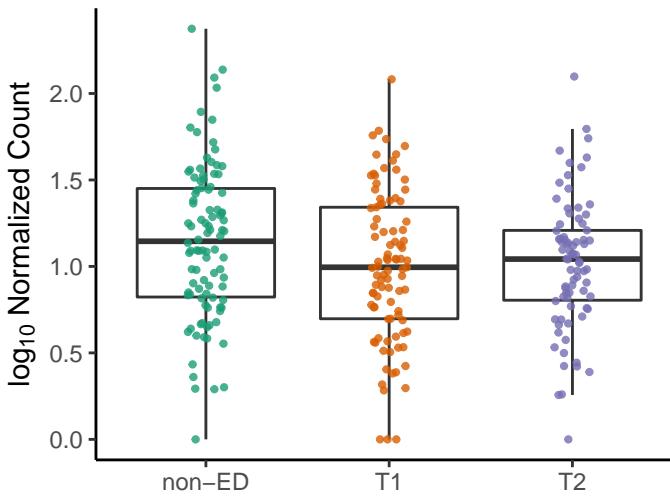
### Chondromyces crocatus

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.7



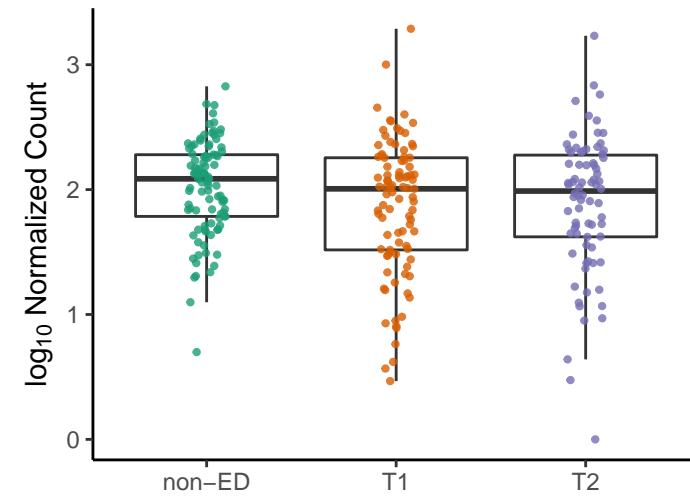
### Thermocrinis minervae

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.85



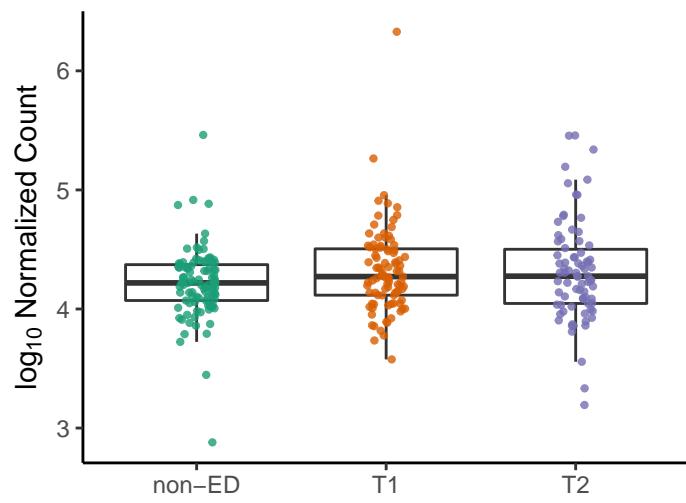
### Ancylobacter sp. TS-1

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.77



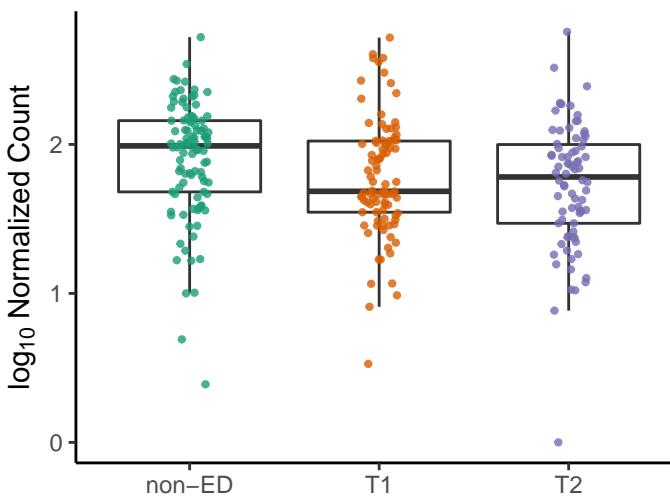
### Unclassified Blautia Genus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.98



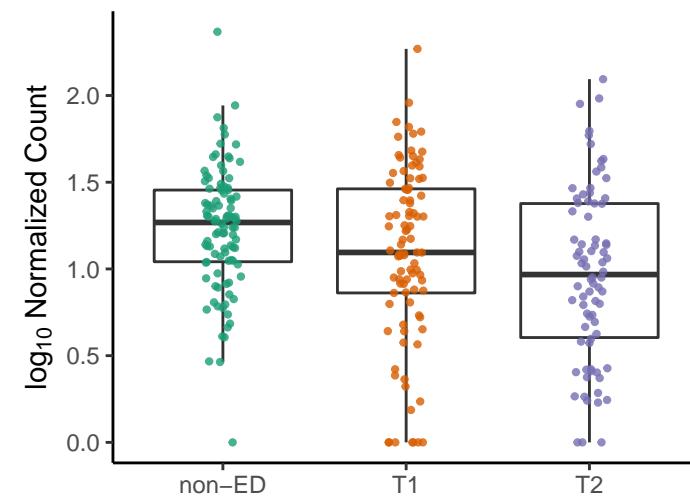
### Unclassified Polaribacter Genus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.7



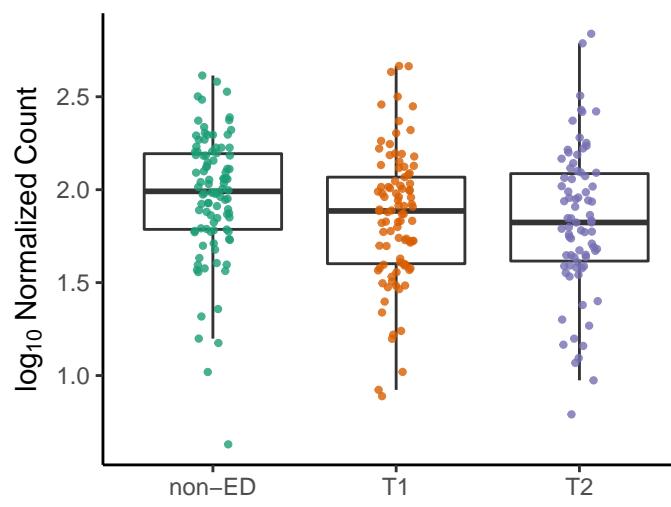
### Planococcus faecalis

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



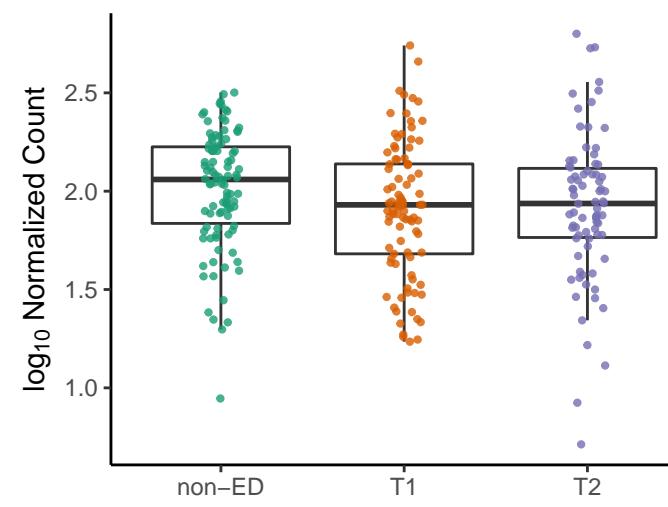
### *Chryseobacterium lactis*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.93



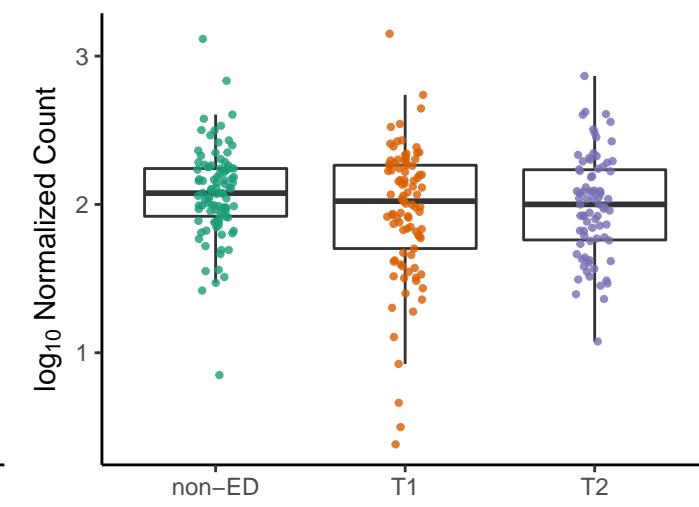
### *Zymomonas mobilis*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.89



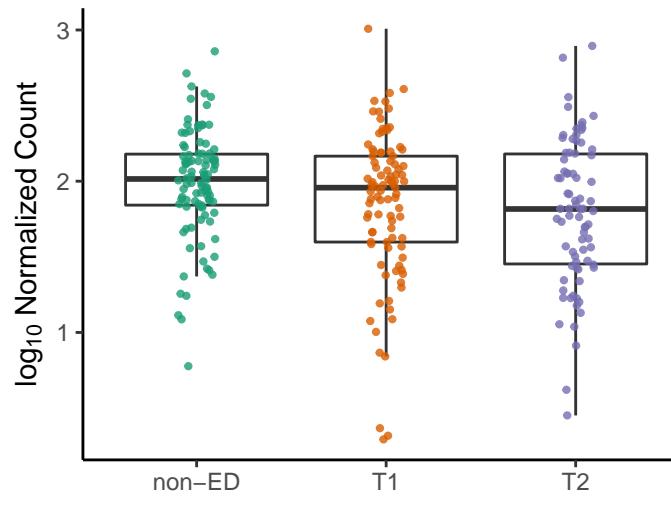
### *Kerstersia gyiorum*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.73



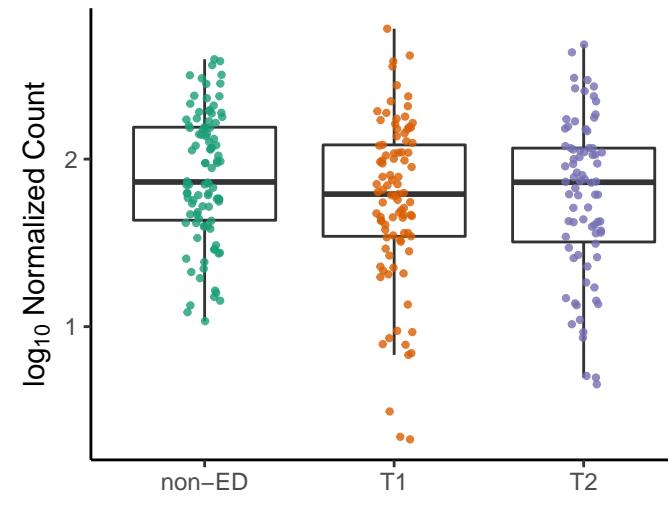
### *Paracoccus aminovorans*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.97



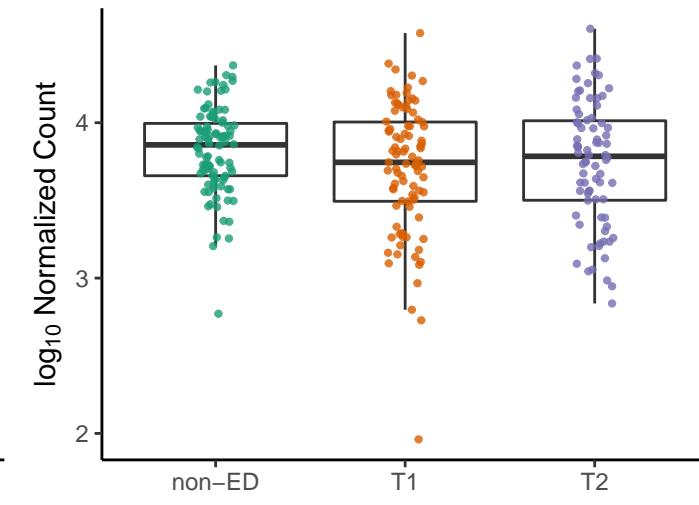
### *Thauera humireducens*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.86



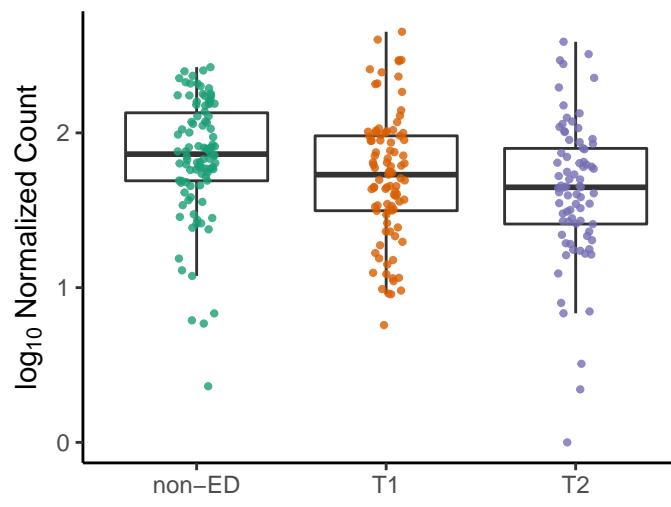
### Unclassified Streptomyces Genus

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.72



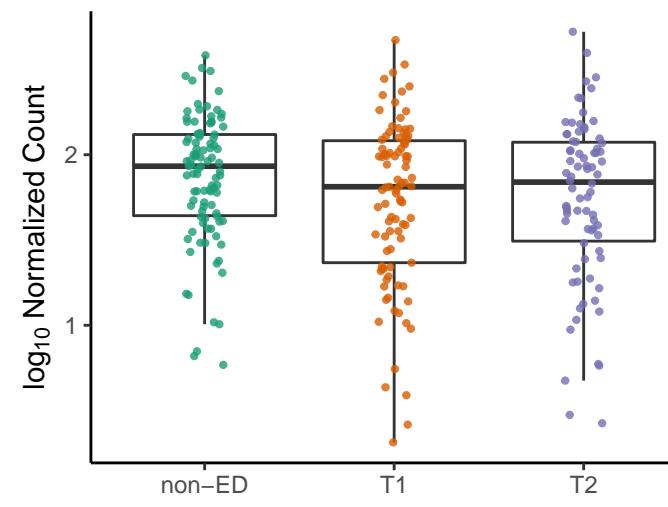
### *Leptotrichia* sp. oral taxon 847

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



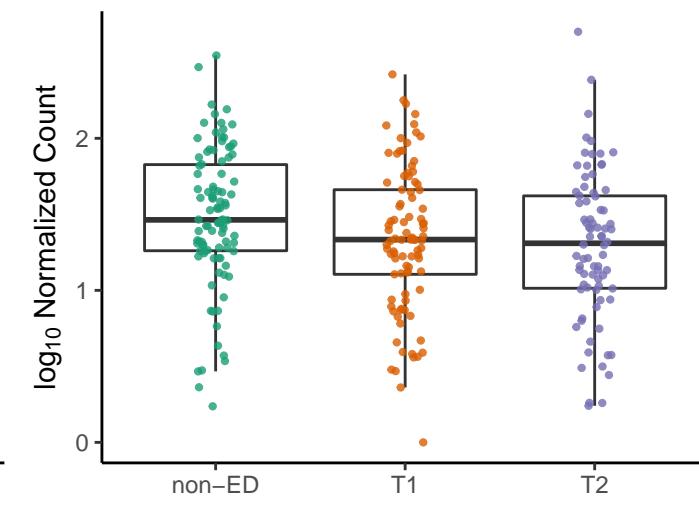
### *Celeribacter manganoxidans*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.78

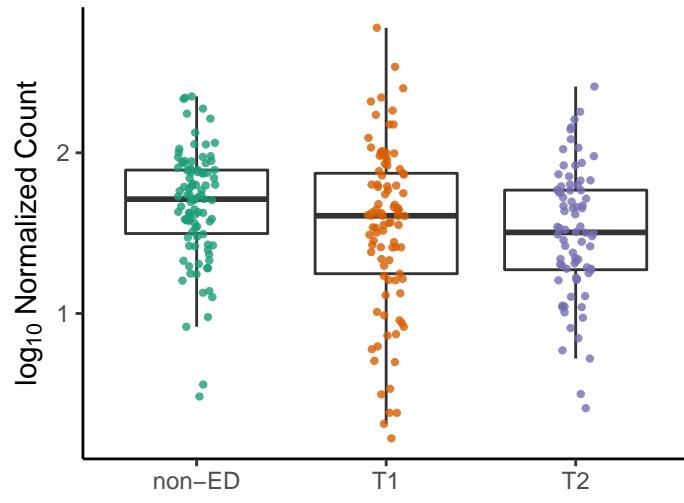


### *Leptospira weilii*

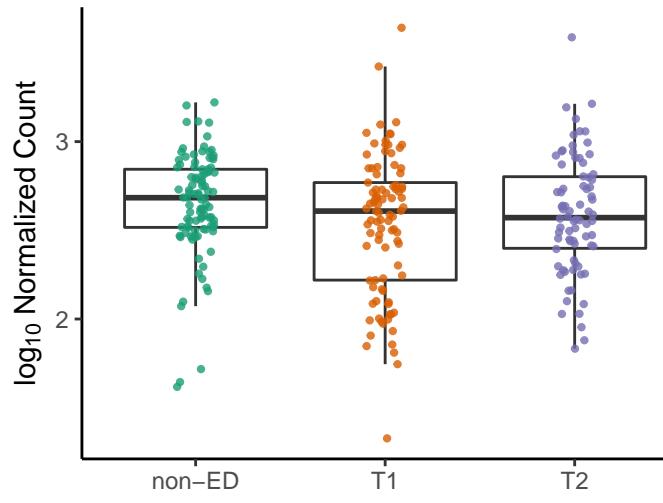
non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.97



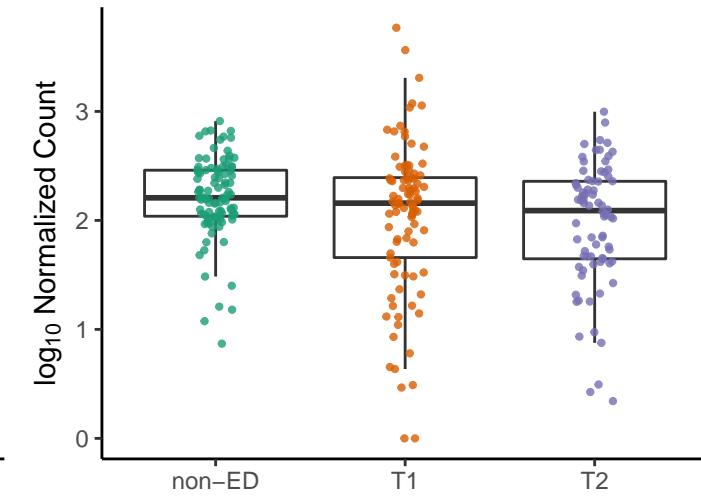
**Thalassobius gelatinovorus**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.96



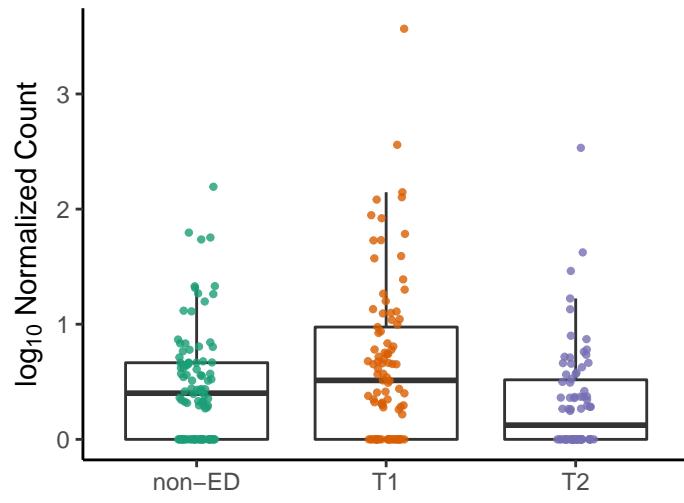
**Peptoniphilus ivorii**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.63



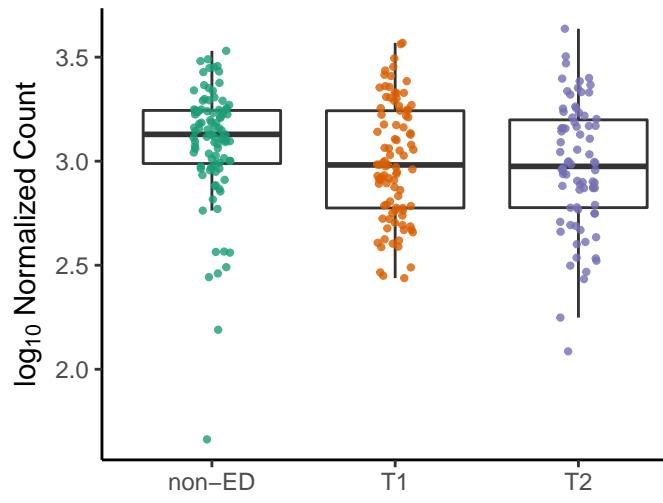
**Unclassified Clostridiales Family XIII. Inc.**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.7



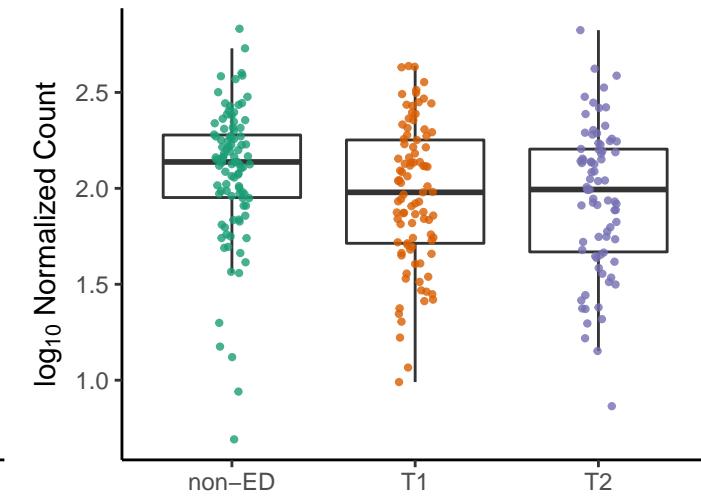
**Citrobacter freundii complex sp. CFNIH9**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.015



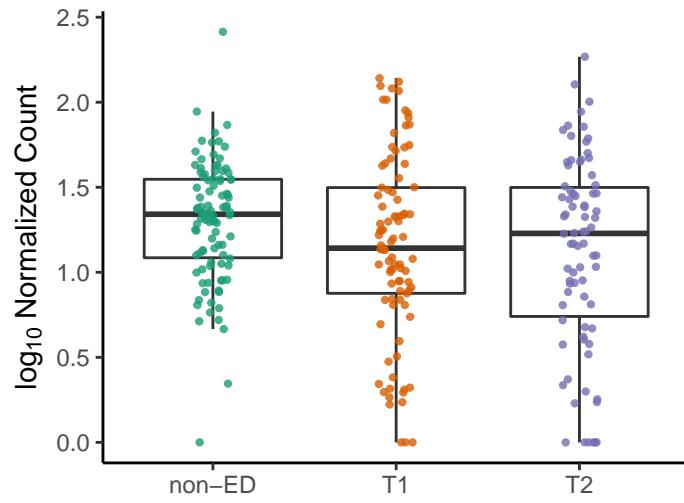
**Unclassified Bacillaceae Family**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.95



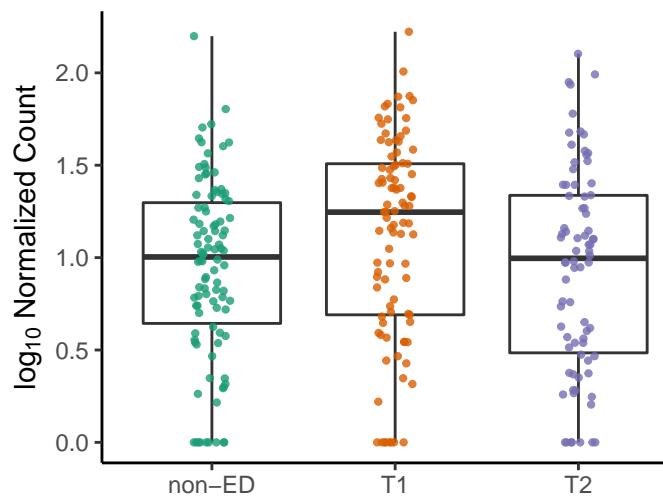
**Ilyobacter polytropus**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.94



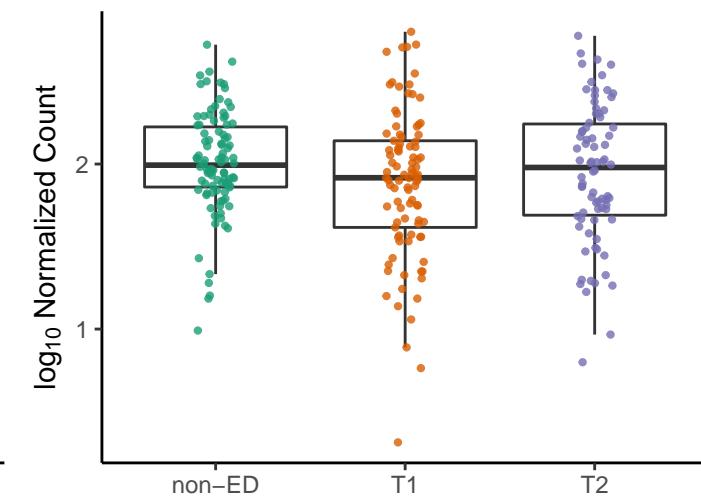
**Caldisphaera lagunensis**  
non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.8



**Unclassified Draconibacterium Genus**  
non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.95  
T1 vs. T2 adjusted p = 0.32

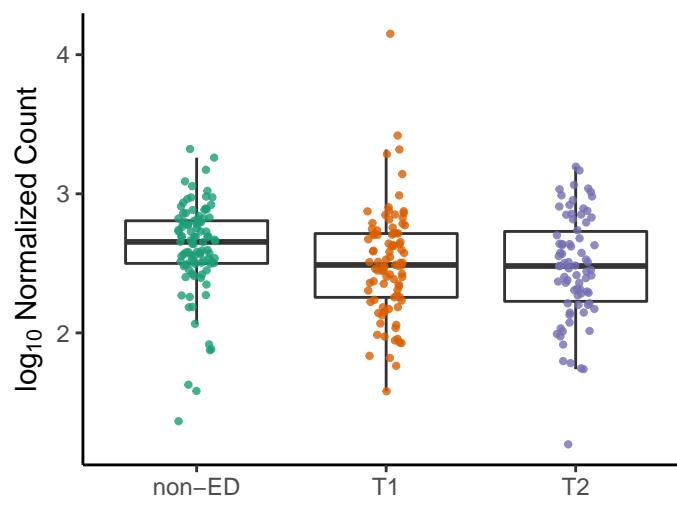


**Arthrobacter sp. U41**  
non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.64



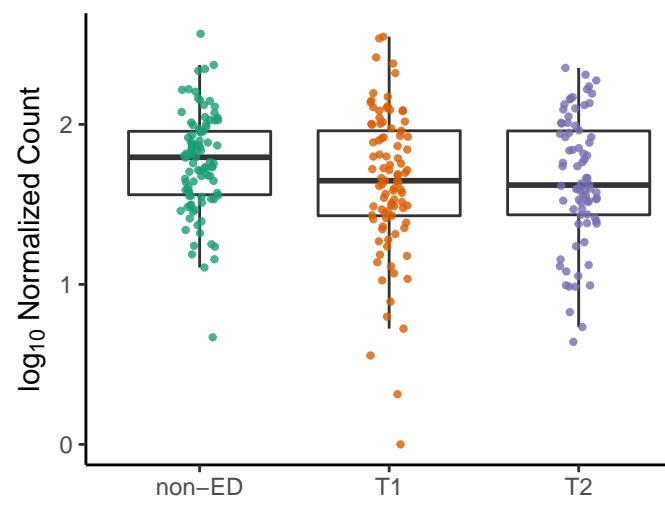
### *Cellulosilyticum* sp. WCF-2

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



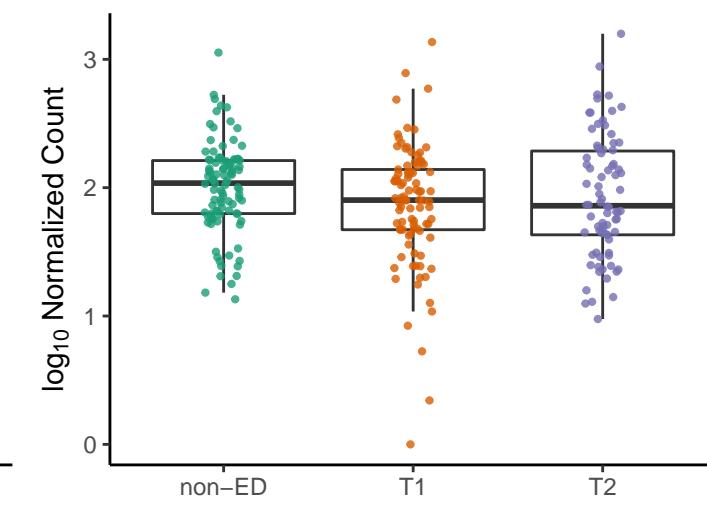
### *Microbulbifer* sp. THAF38

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.7



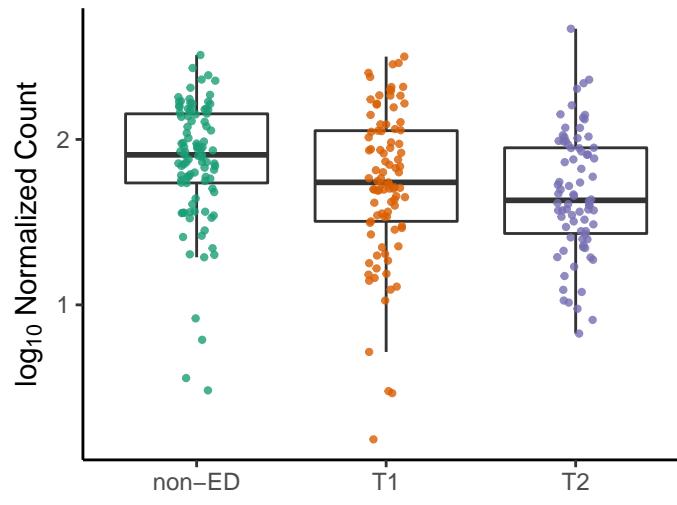
### *Tessaracoccus* flavescentis

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.36  
 T1 vs. T2 adjusted p = 0.65



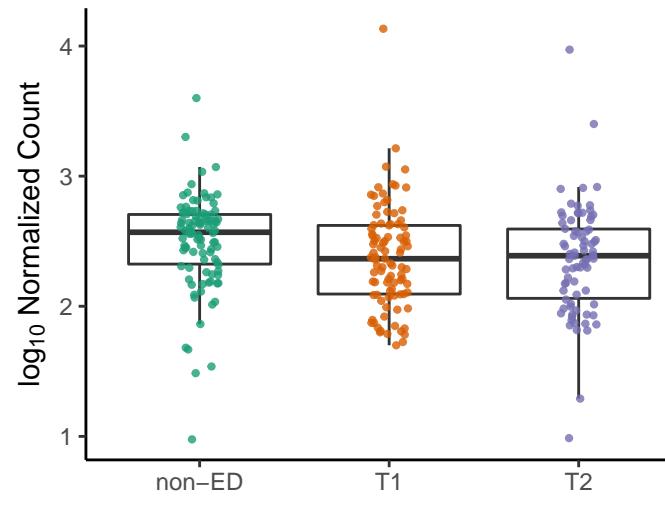
### *Sphaerospermopsis kisseleviana*

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



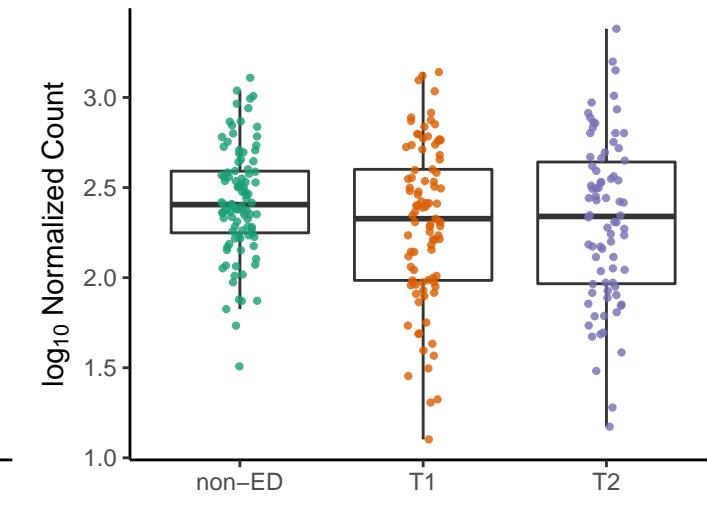
### *Megamonas hypermegale*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.97



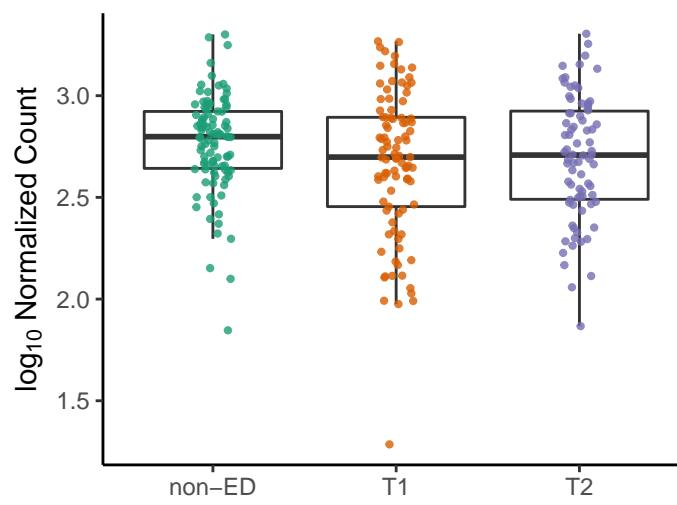
### *Nonomuraea* sp. WYY166

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.77



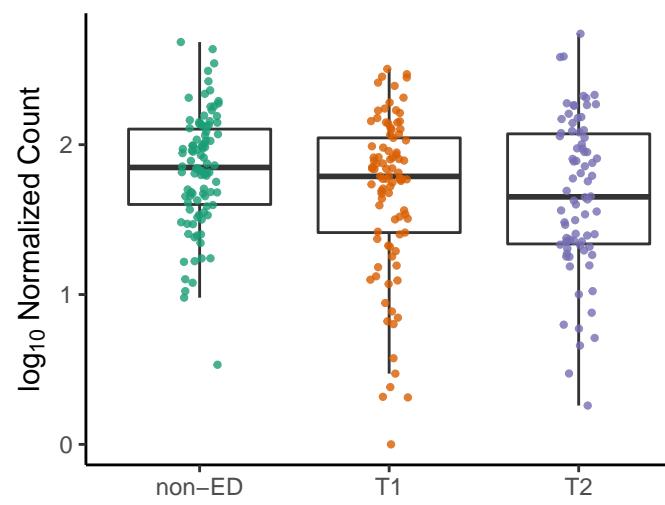
### Unclassified Halomonas Genus

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.71



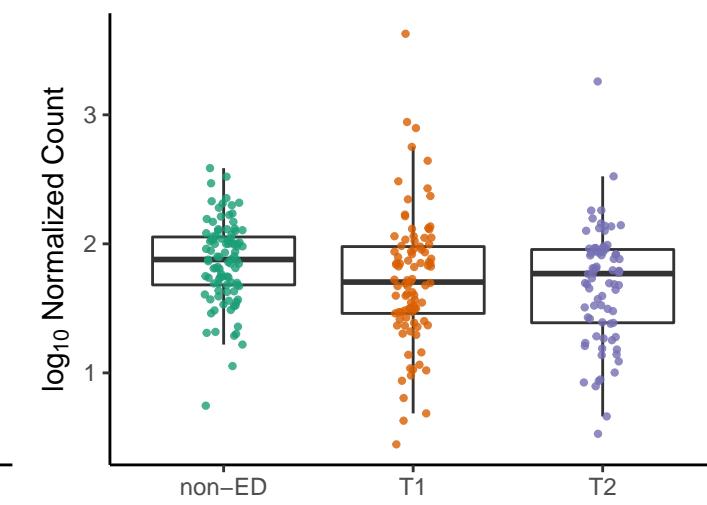
### *Mycolicibacterium rutilum*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.97



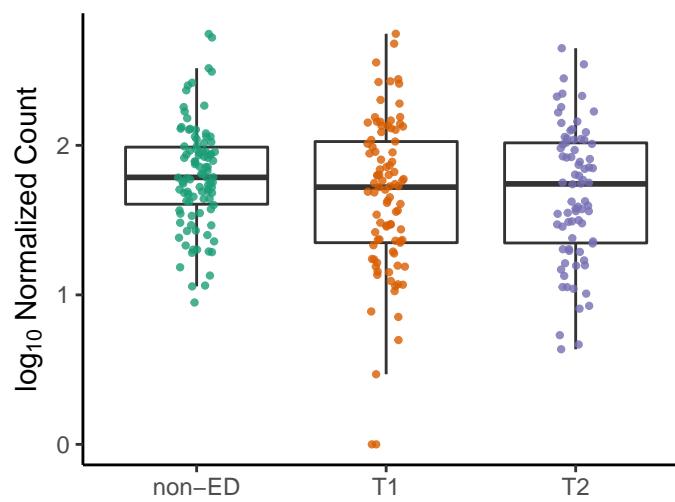
### *Methanobrevibacter ruminantium*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.95



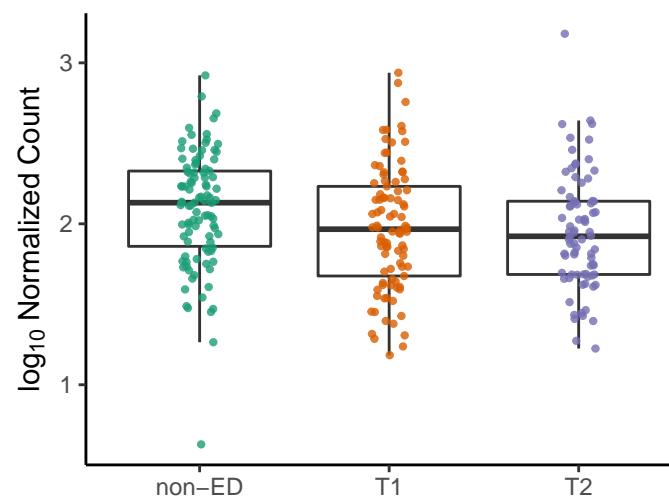
### *Mycobacterium shigaense*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.74



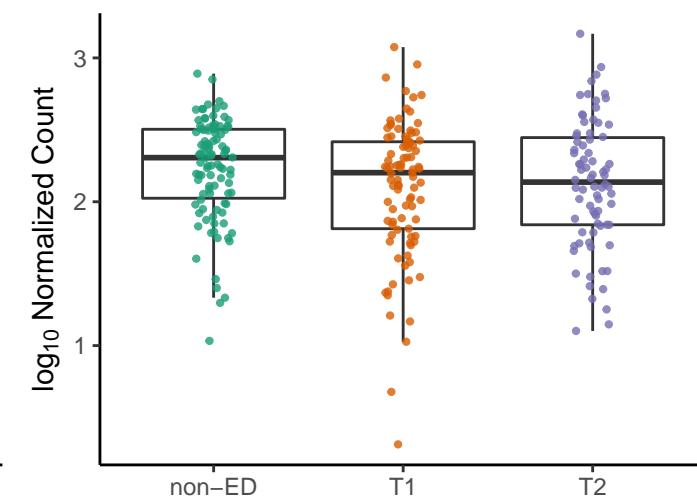
### *Vibrio cholerae*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 1



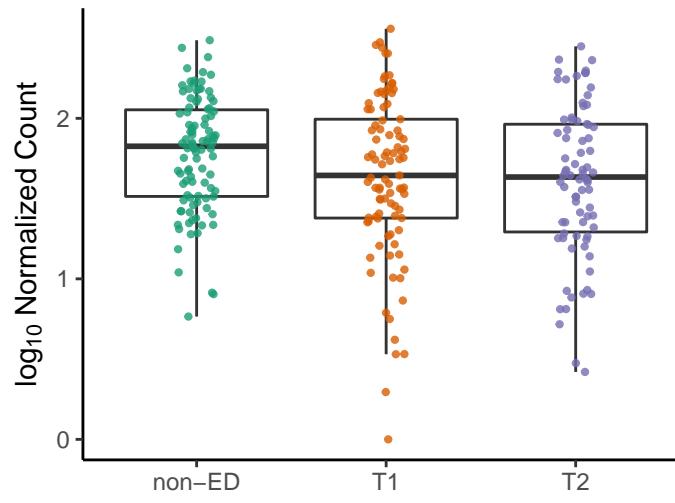
### *Azoarcus communis*

non-ED vs. T1 adjusted p = 0.081  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.77



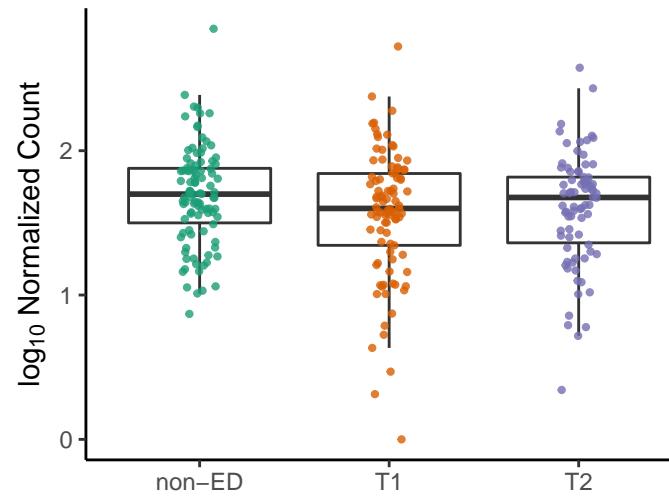
### *Nocardioides sp. HY056*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.99



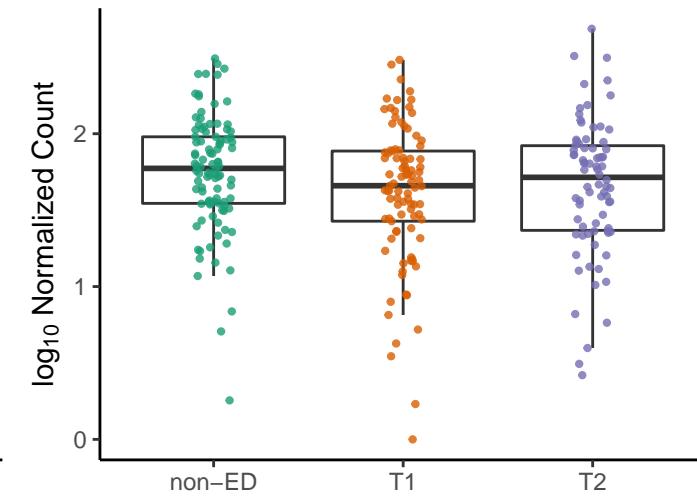
### *Corynebacterium deserti*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.65



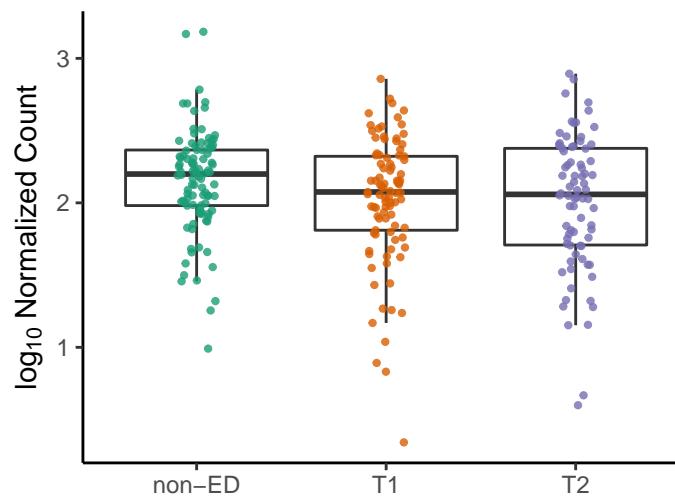
### *Bradyrhizobium sp. CCBAU 051011*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.67



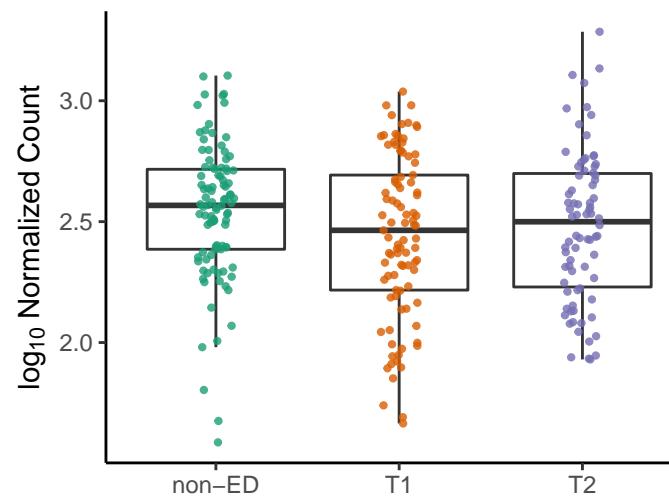
### *Massilia armeniaca*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.94



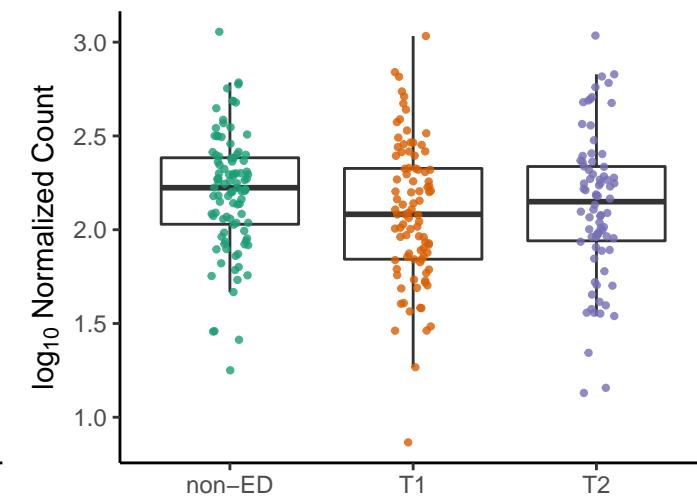
### *Paenibacillus cellulositrophicus*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.7



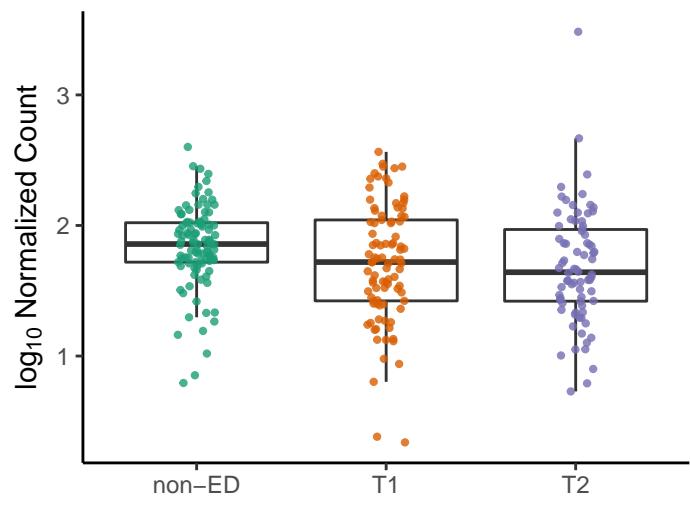
### *Phaeobacter gallaeciensis*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.73



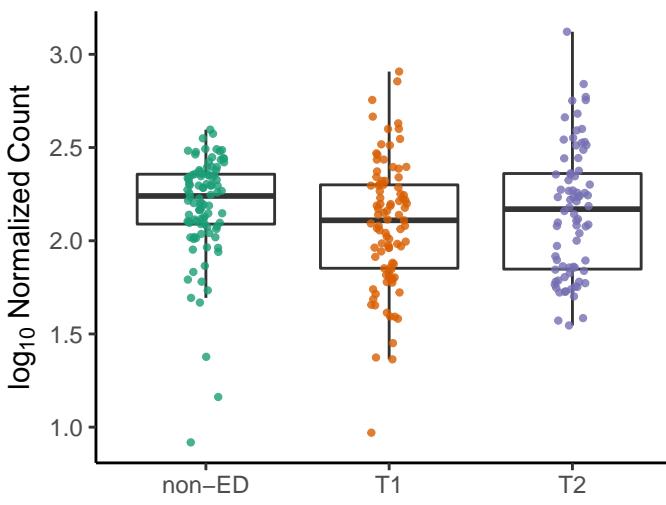
### *Petrotoga mobilis*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.74



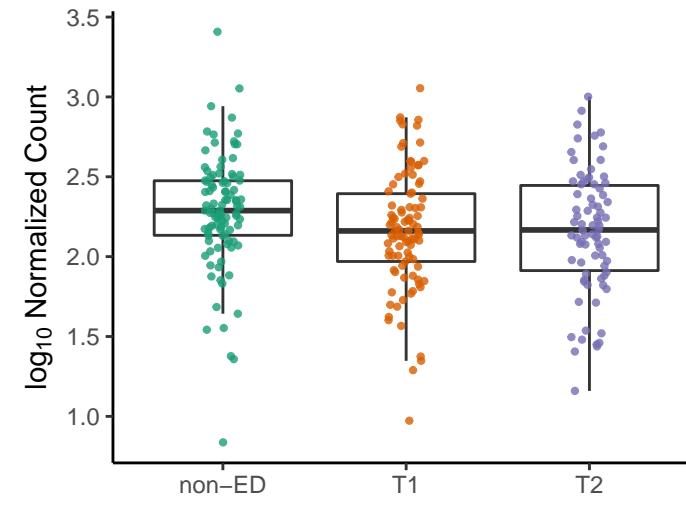
### *Streptococcus merionis*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.58  
 T1 vs. T2 adjusted p = 0.67



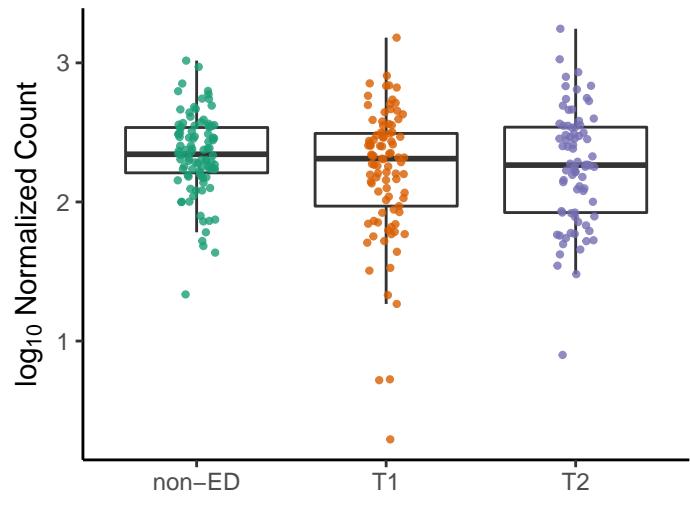
### *Tetragenococcus halophilus*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.87



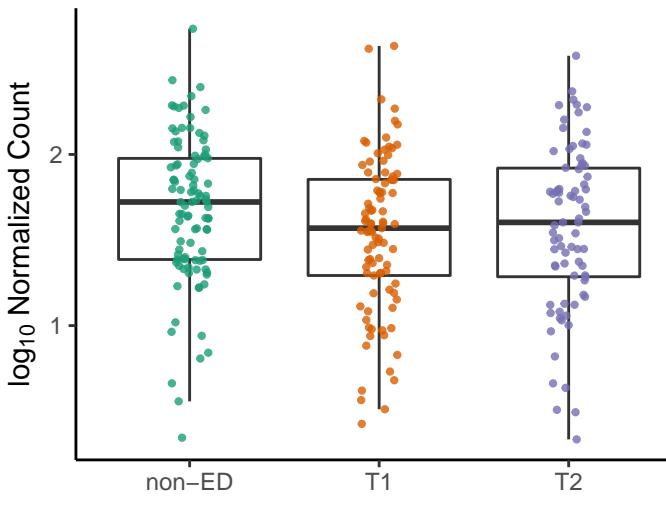
### *Rhodobacteraceae bacterium*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.77



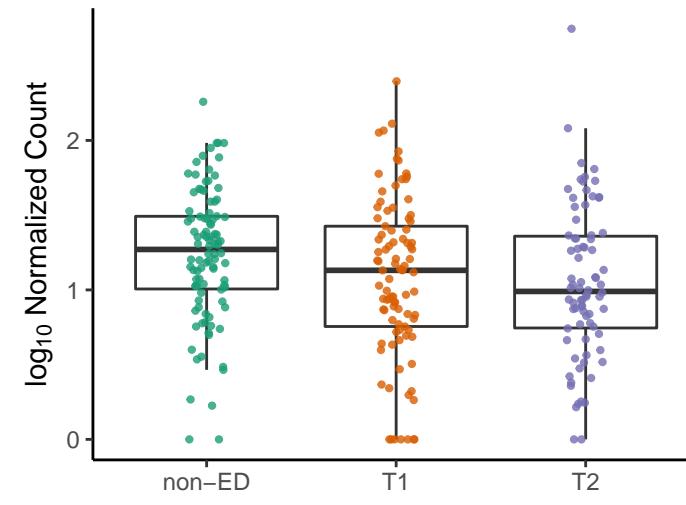
### *Methanomethylovorans hollandica*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.84



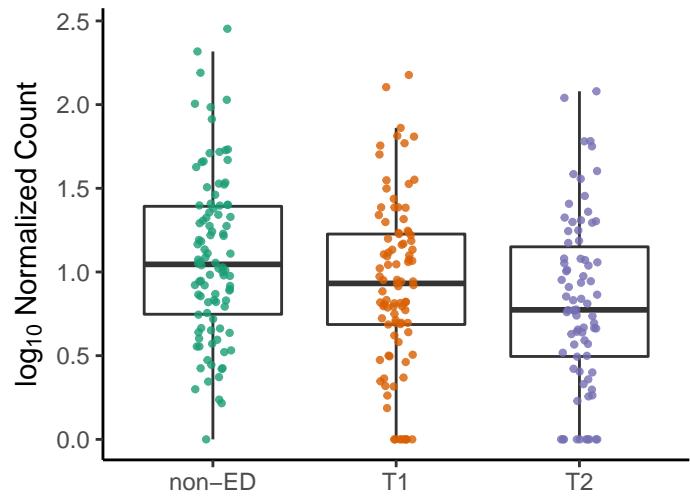
### *Mycoplasma ovipneumoniae*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



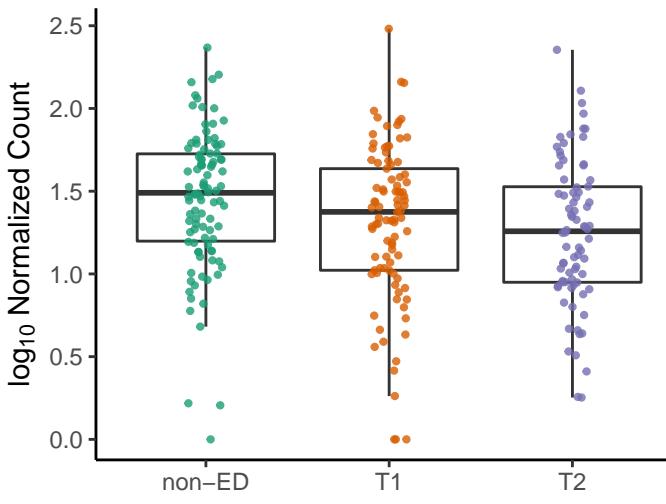
### *Nostoc sp. NIES-3756*

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



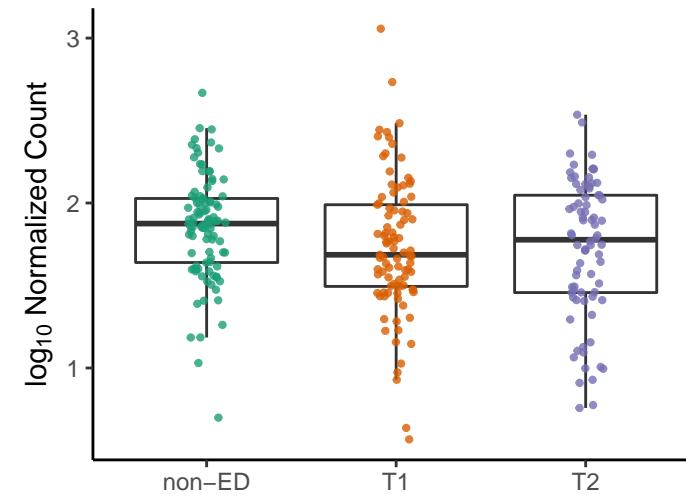
### *Colwellia sp. MT41*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.67



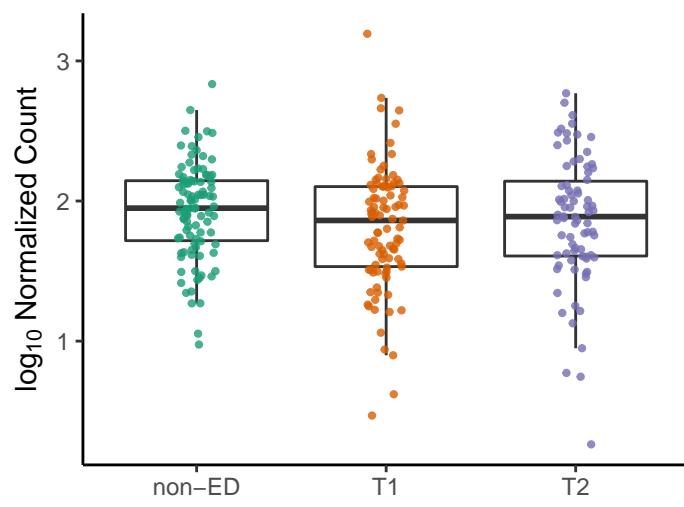
### *Corynebacterium camporealensis*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.97



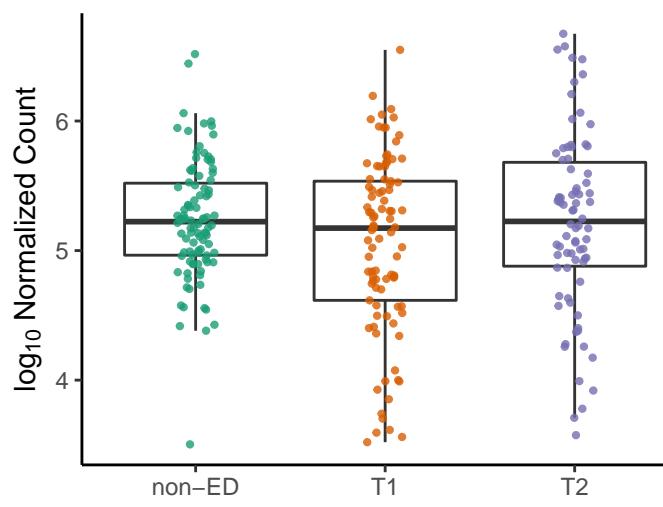
### *Monaibacterium* sp. ALG8

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.38  
 T1 vs. T2 adjusted p = 0.67



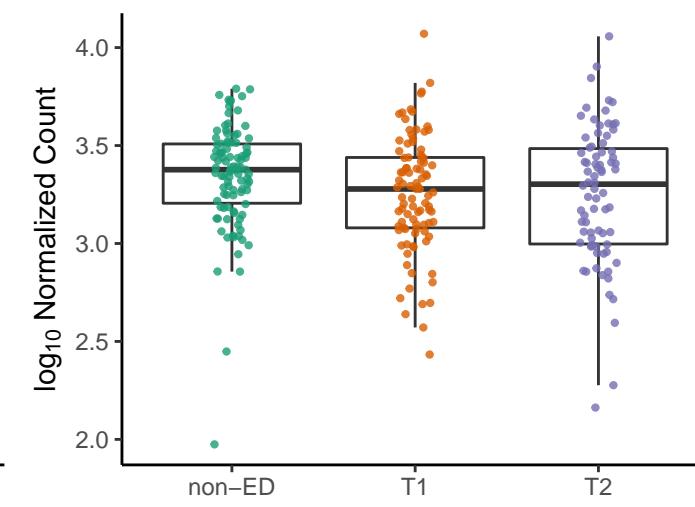
### *Anaerostipes hadrus*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.87  
 T1 vs. T2 adjusted p = 0.67



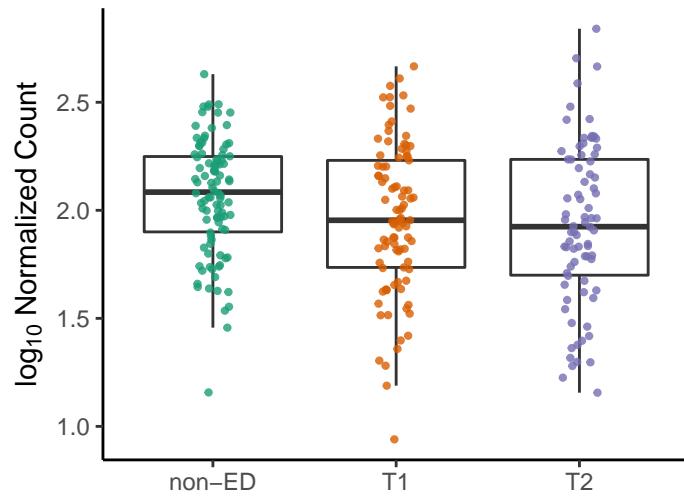
### *Butyribacterium hungatei*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.98



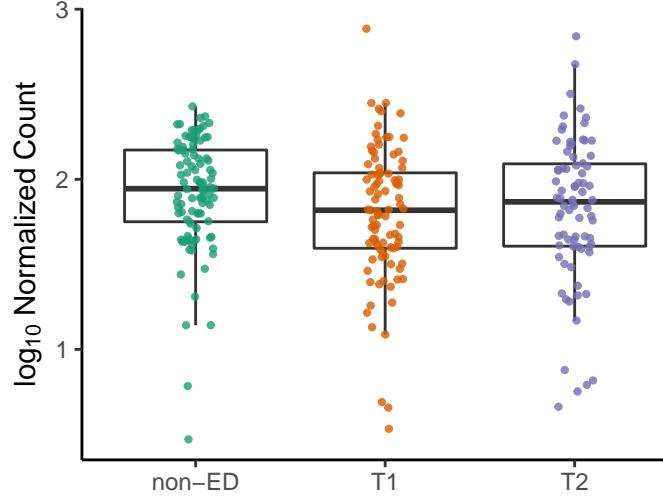
### *Fusarium venenatum*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.97



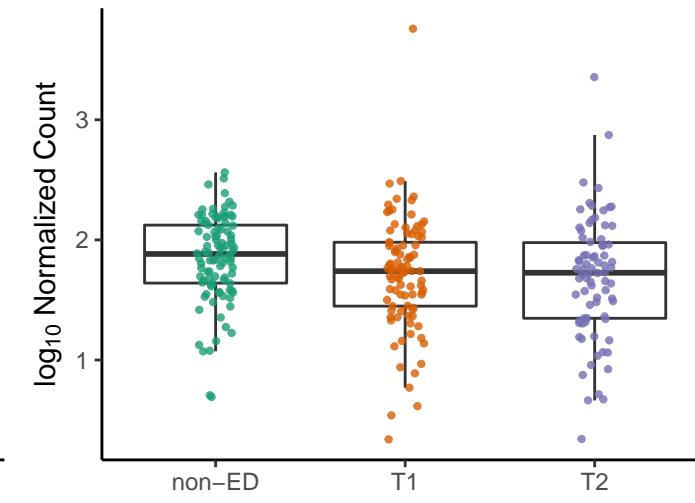
### *Thermodesulfovibrio yellowstonii*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.93



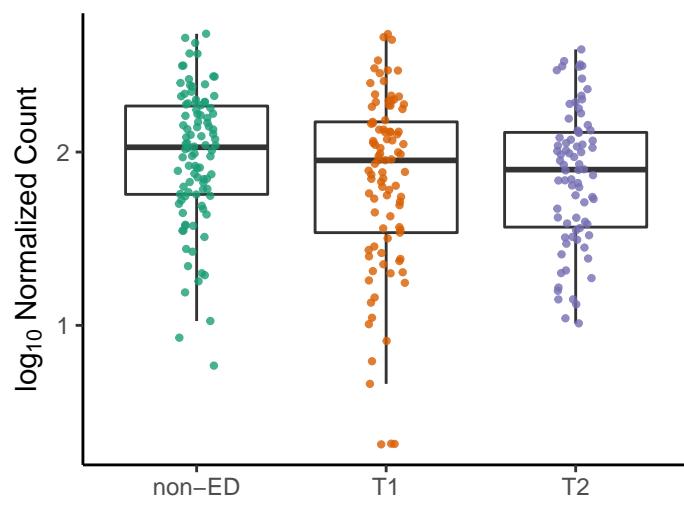
### *Lactobacillus acetotolerans*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.91



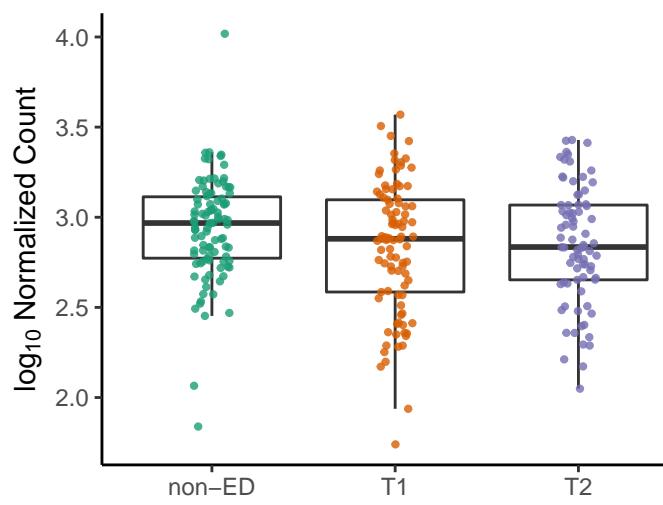
### *Streptomyces violaceoruber*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.91



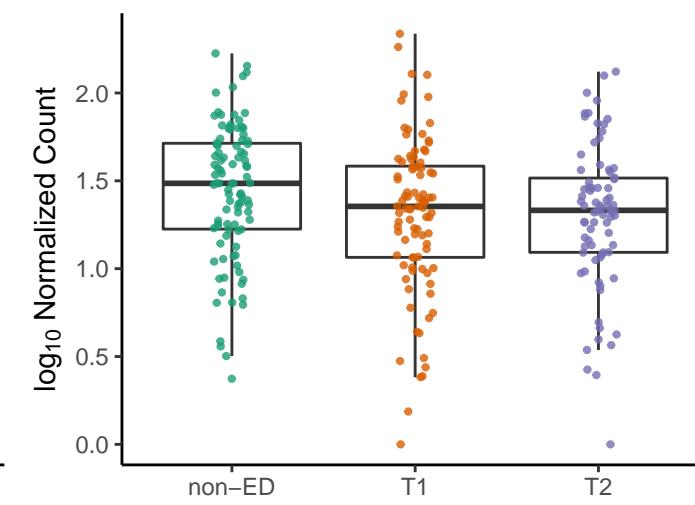
### *Pseudomonas putida*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.79



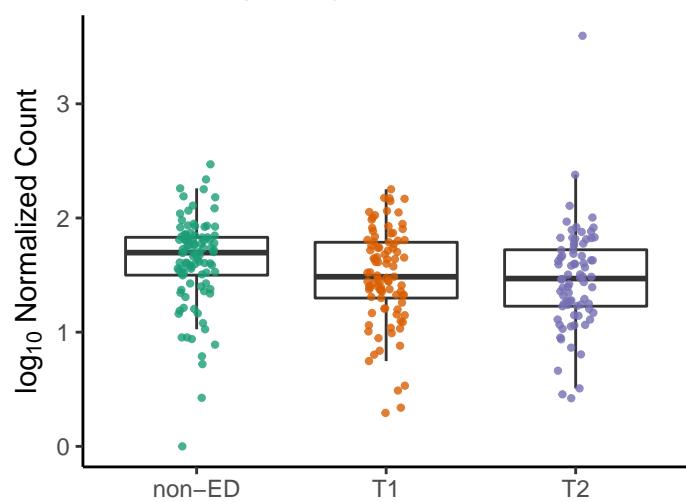
### Unclassified Cycloclasticus Genus

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



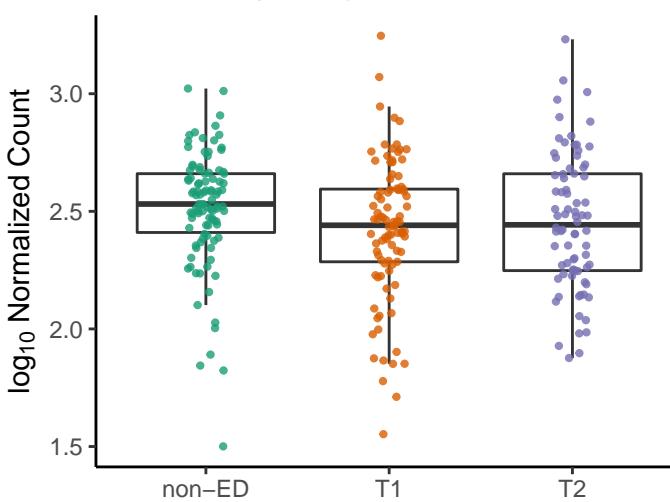
### Oceanospirillales bacterium S2-4-1H

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.82



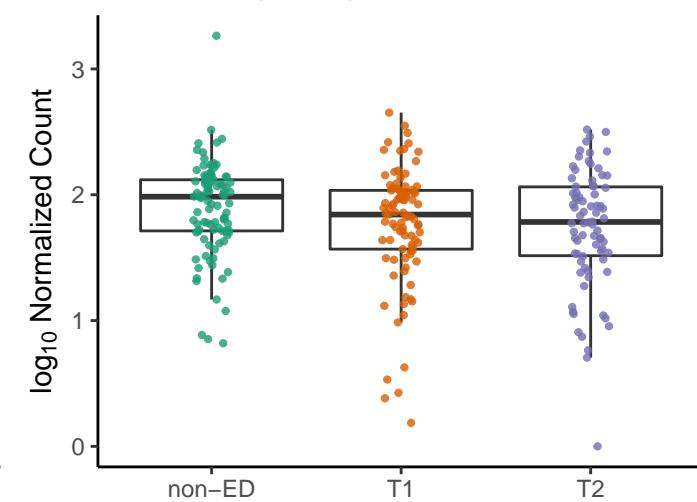
### Paenibacillus sp. FSL R7-0331

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.69



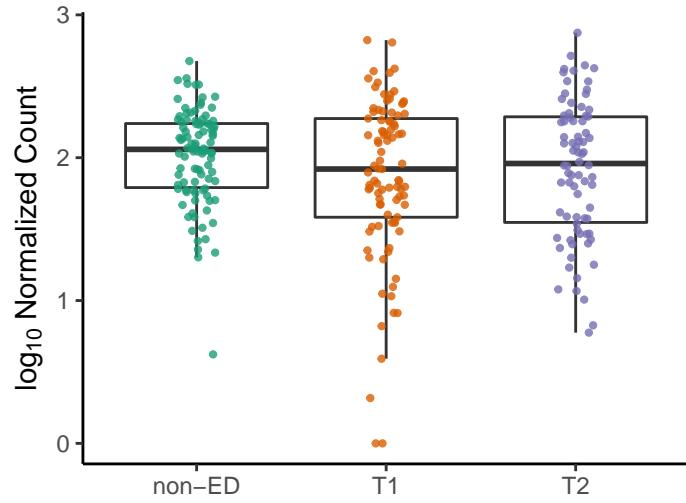
### Pseudomonas trivialis

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.98



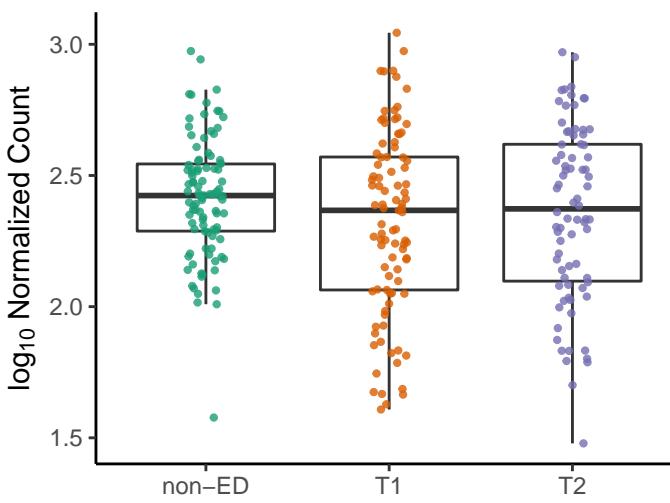
### Streptomyces davaonensis

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.68



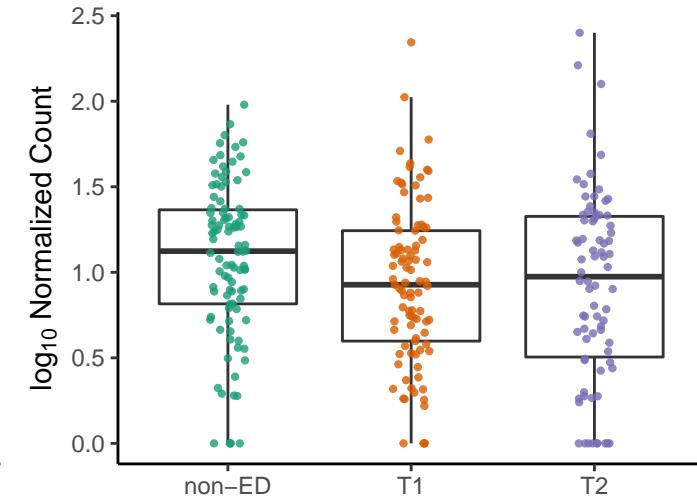
### Lactobacillus harbinensis

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.67



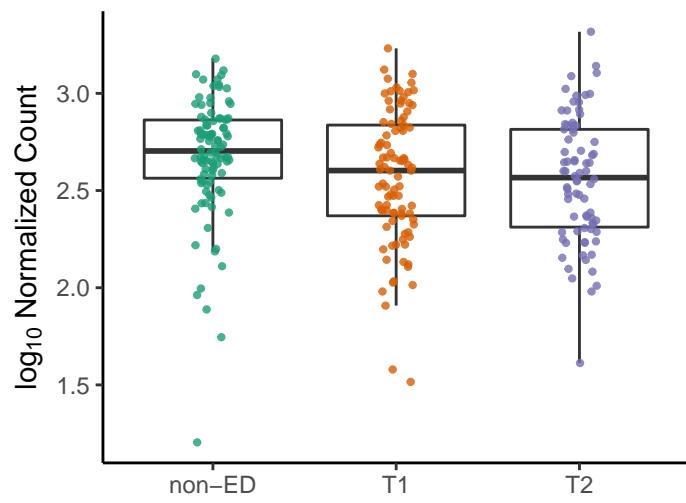
### Candidatus Nitrosotalea okcheonensis

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.82



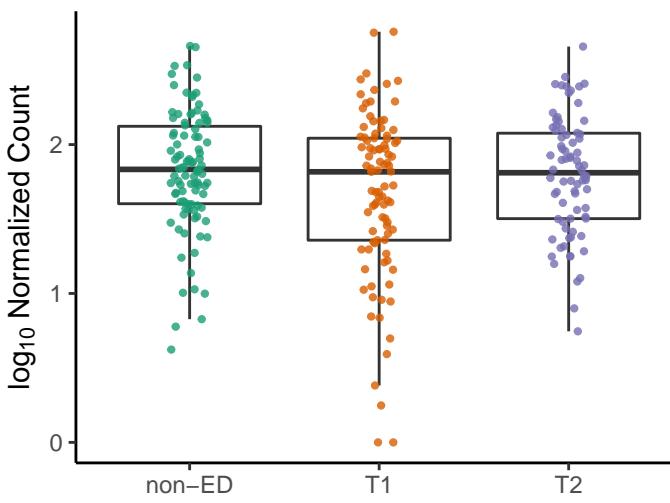
### Clostridium sp. SYSU GA15002T

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.98



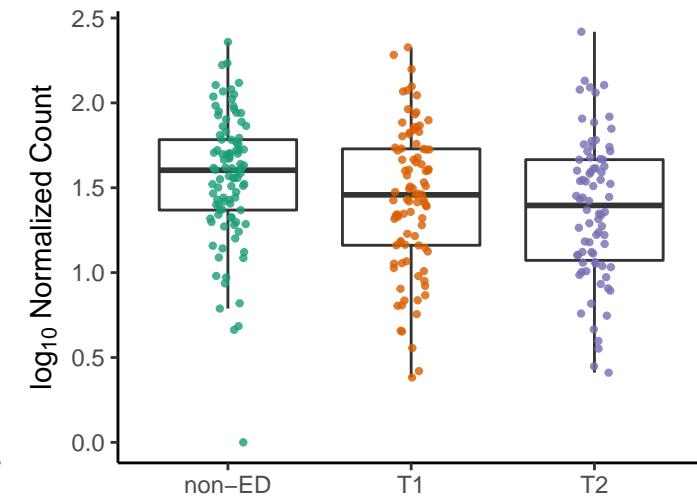
### Mesorhizobium australicum

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.67  
T1 vs. T2 adjusted p = 0.56



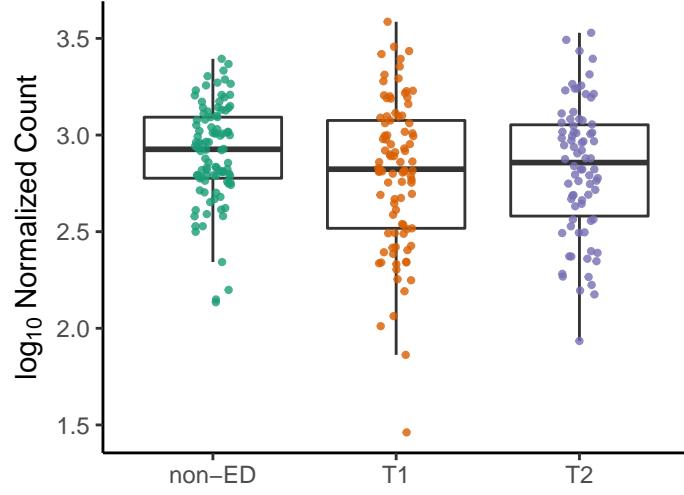
### Unclassified Pseudothermotoga Genus

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.77



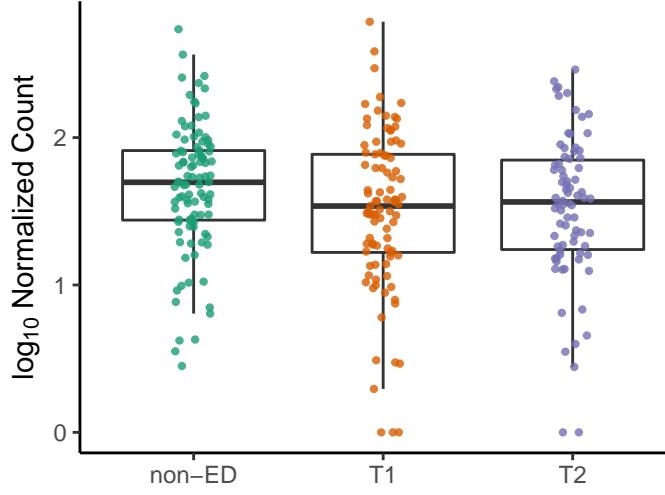
### Unclassified Aeromonas Genus

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.76



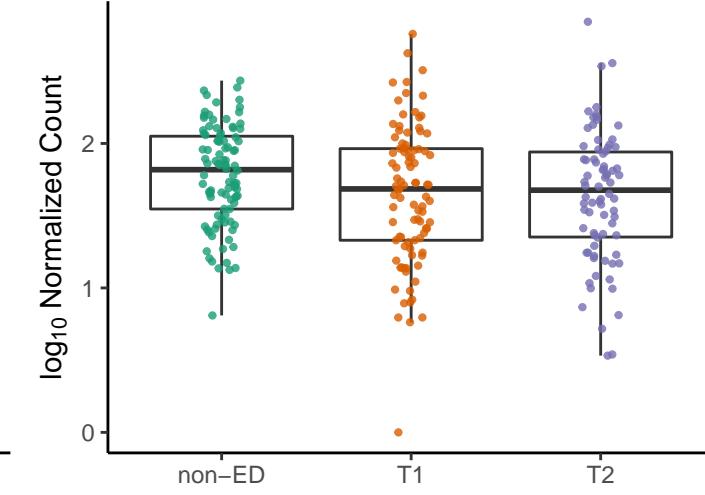
### Azospira oryzae

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



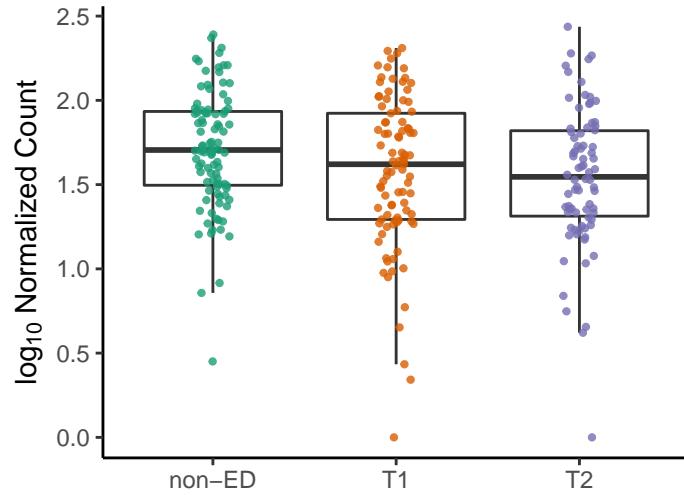
### Erythrobacter atlanticus

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.98



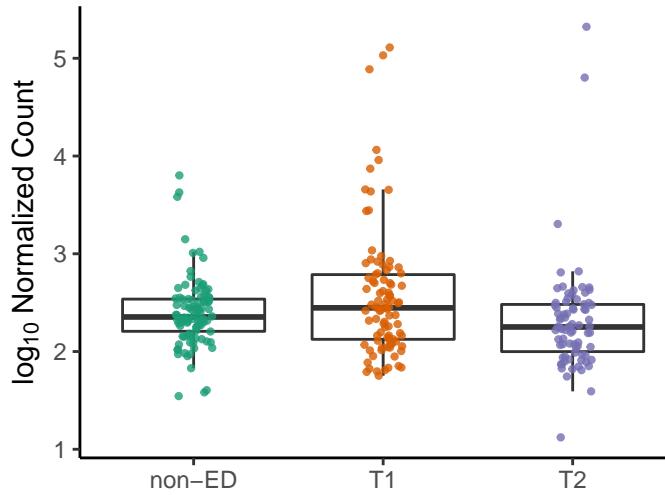
### Sphingomonas sp. KC8

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.92



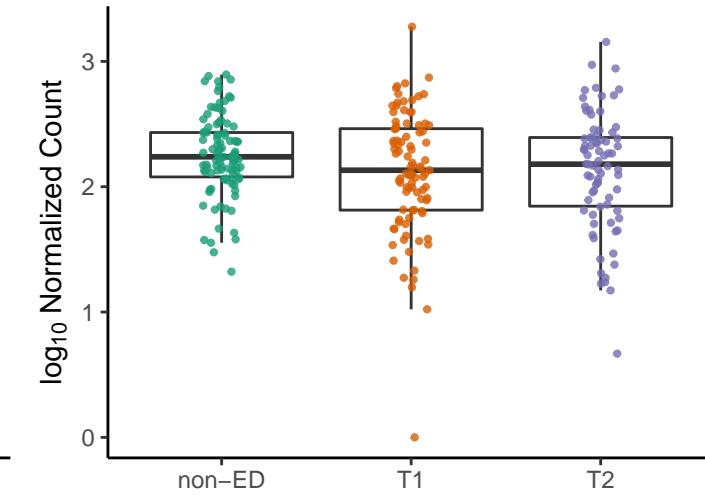
### Klebsiella oxytoca

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.34  
T1 vs. T2 adjusted p = 0.25



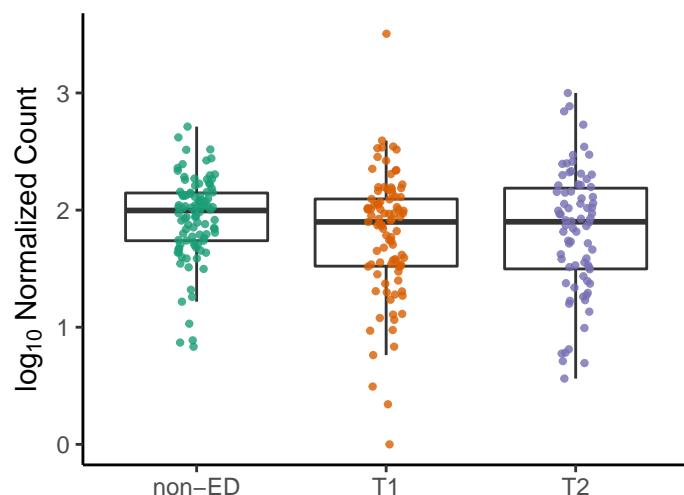
### Unclassified Paracoccus Genus

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



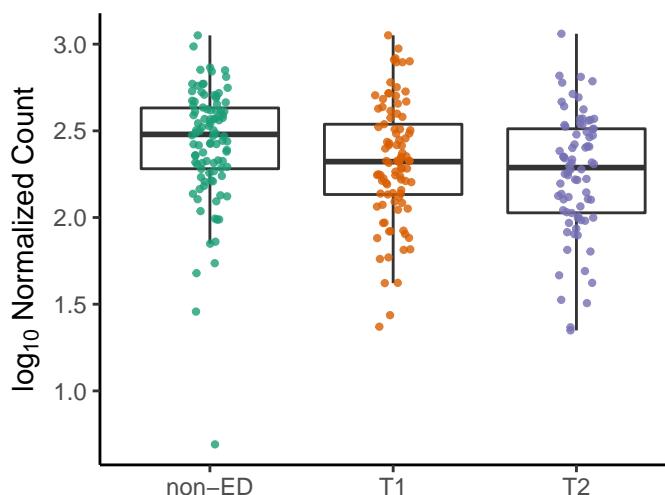
### Luteimicrobium xylanilyticum

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.8



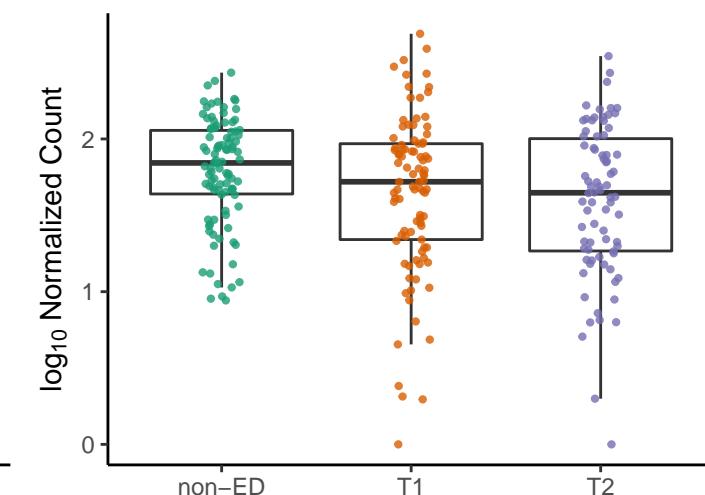
### Clostridium sp. JN500901

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



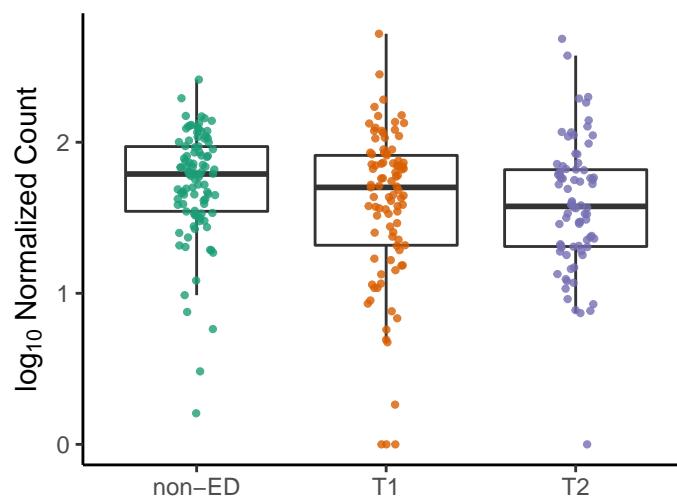
### Rathayibacter sp. VKM Ac-2759

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



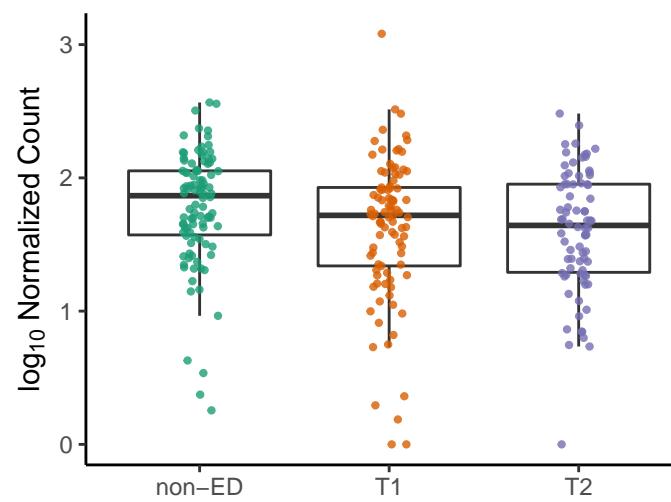
### *Woeseia oceanii*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.94



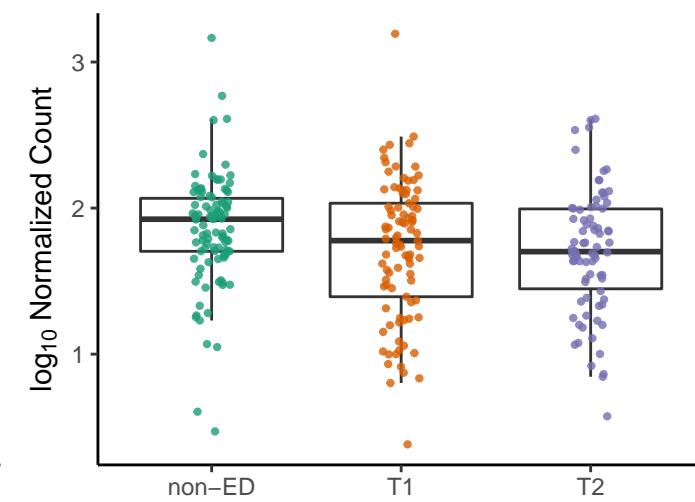
### Unclassified Herbaspirillum Genus

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.91



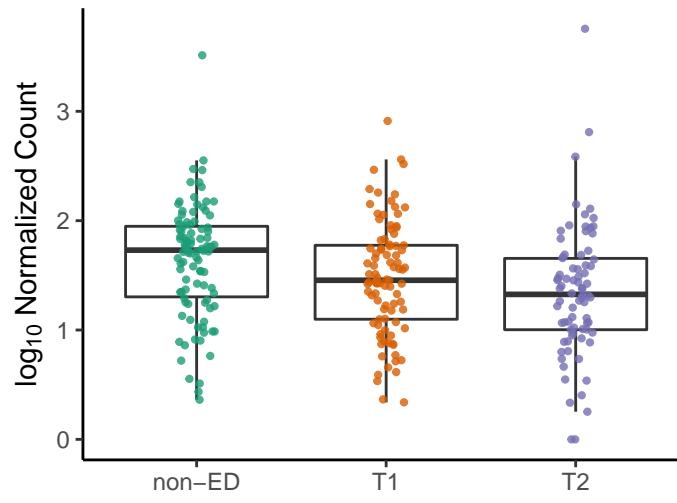
### *Pseudomonas mucidolens*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 1



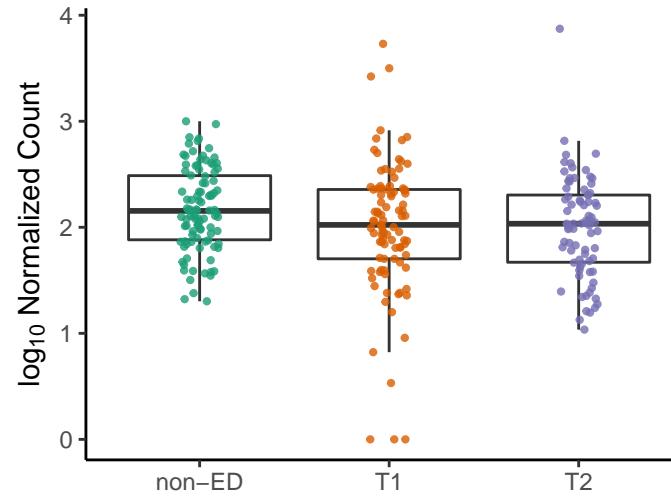
### Unclassified Weissella Genus

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



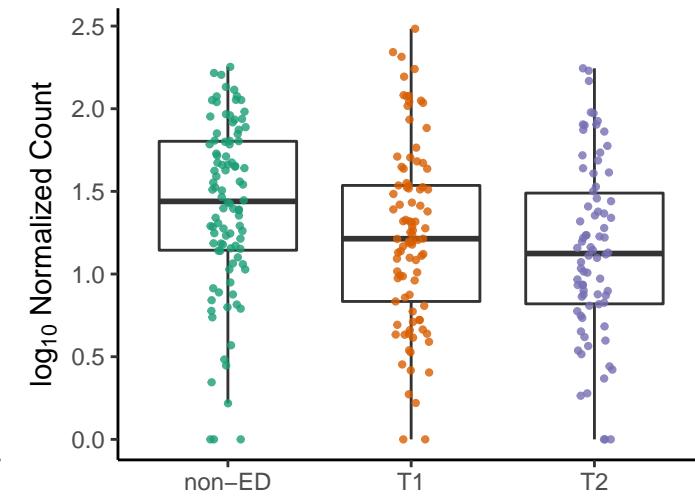
### *Nocardioides* sp. 603

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.86



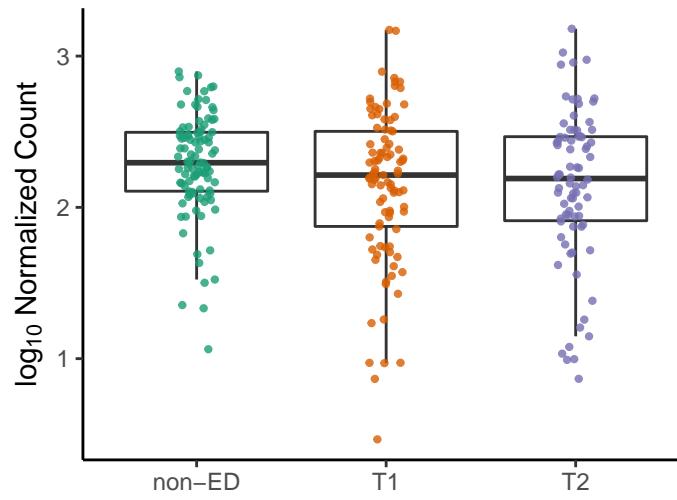
### *Candidatus Thioglobus singularis*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.7



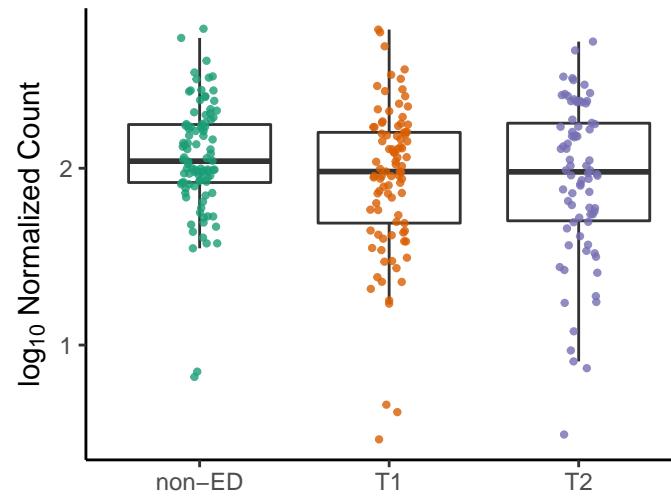
### *Actinoplanes* sp. OR16

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.89



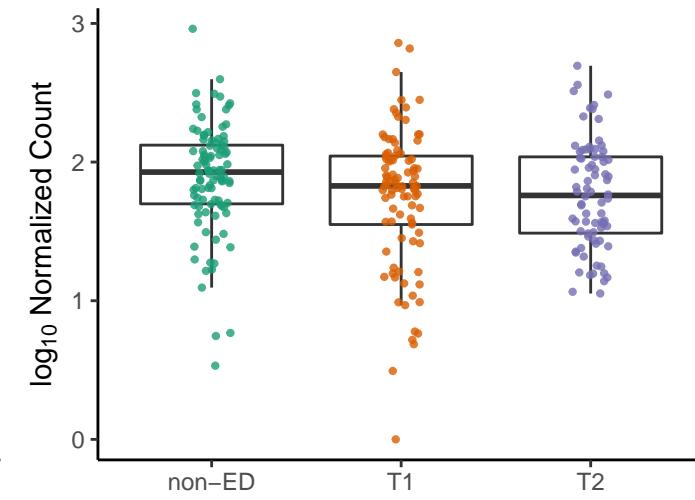
### *Candidatus Accumulibacter phosphatis*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.92



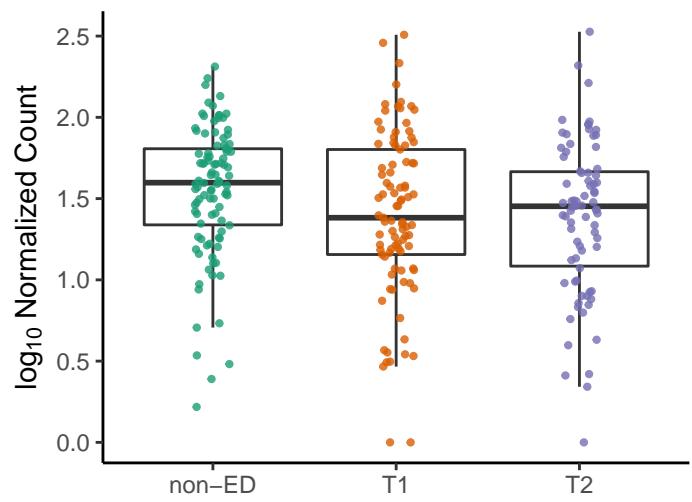
### *Nocardioides* sp. dk884

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.8



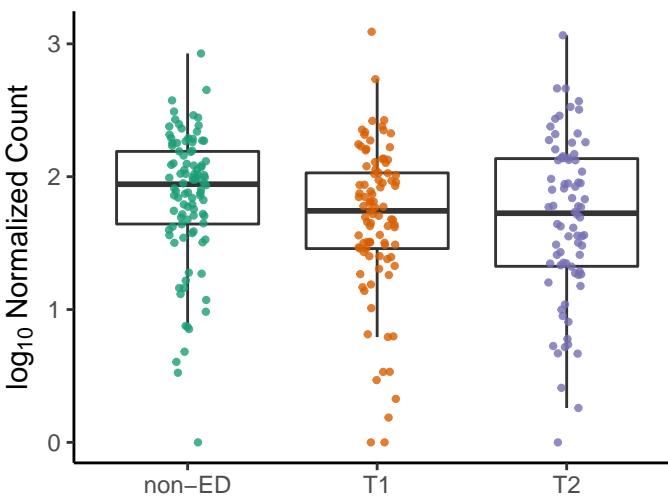
### *Nostoc piscinale*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.91



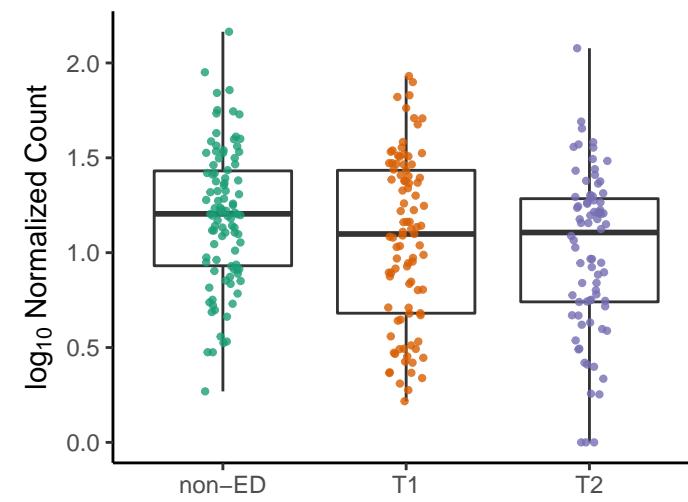
### *Lysobacter oculi*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.94



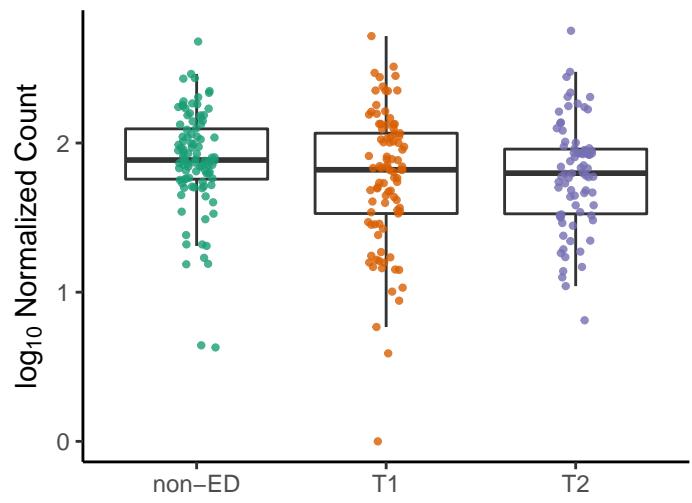
### *Candidatus Saccharimonas aalborgensis*

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



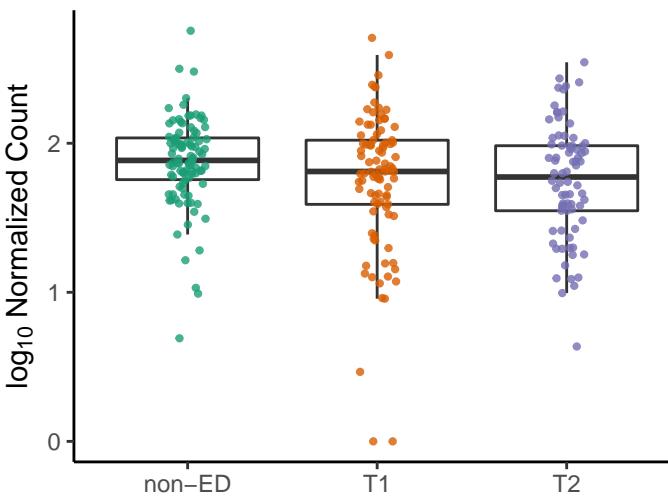
### *Dechloromonas sp. HYN0024*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.8



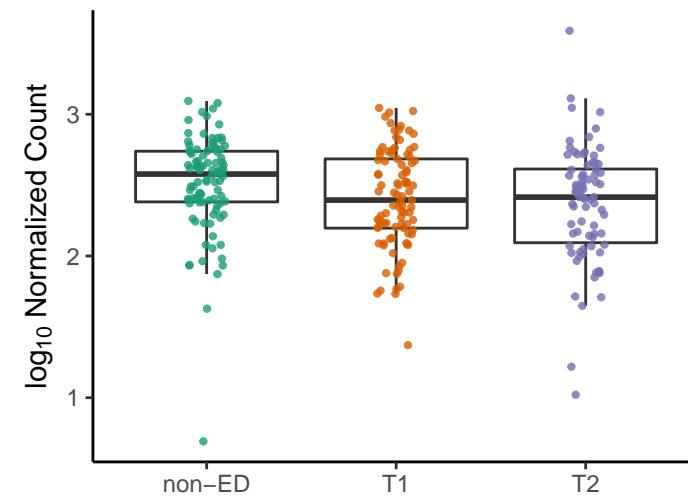
### *Microbulbifer thermotolerans*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.93



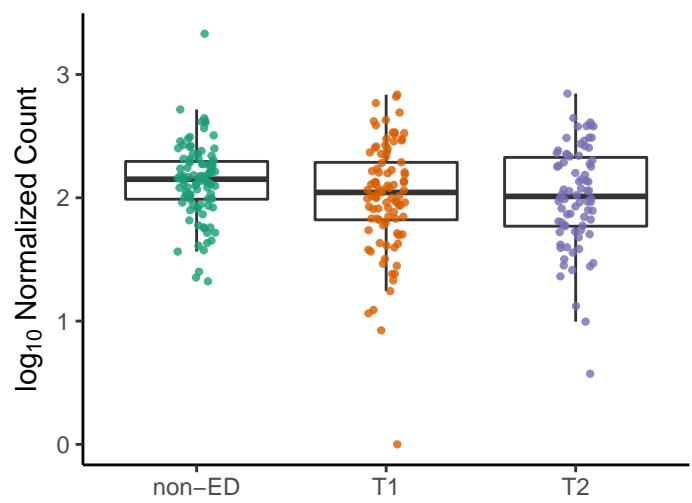
### *Clostridium acetobutylicum*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.79



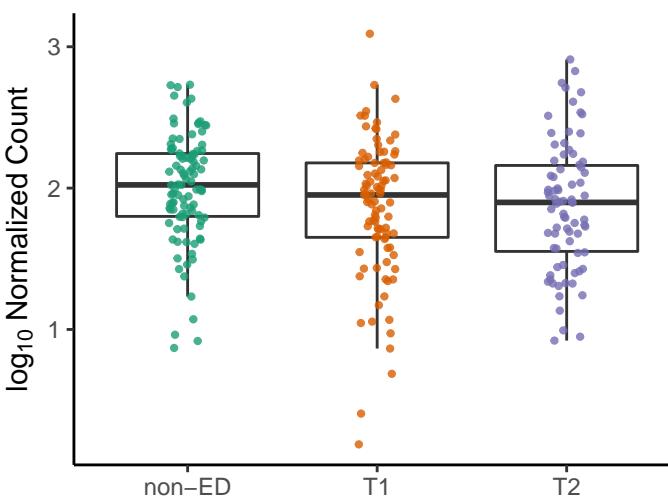
### *Cupriavidus basilensis*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.88



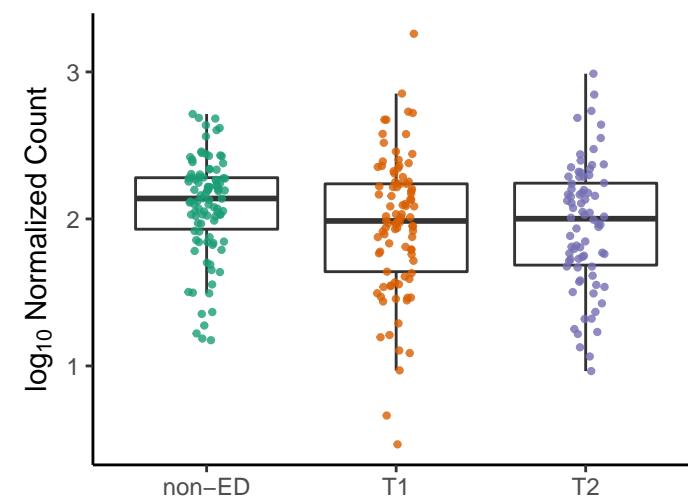
### *Sodalis glossinidius*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.84



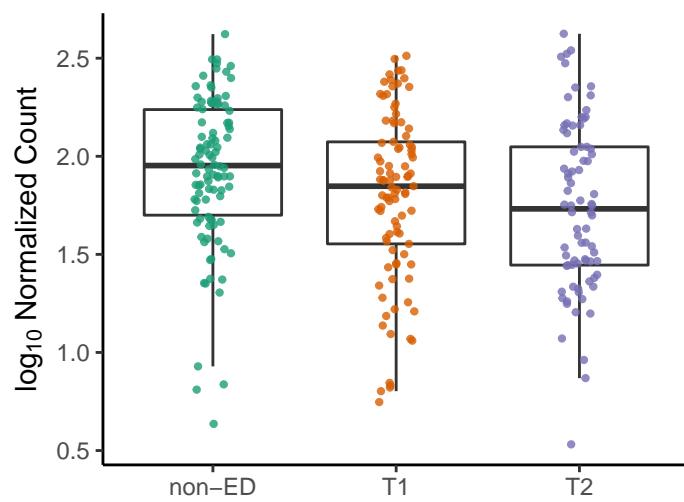
### *Verrucosispora maris*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



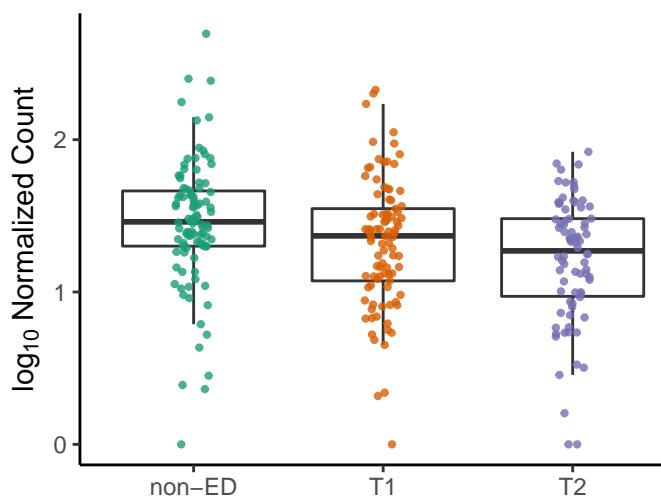
### *Microbulbifer* sp. GL-2

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.73



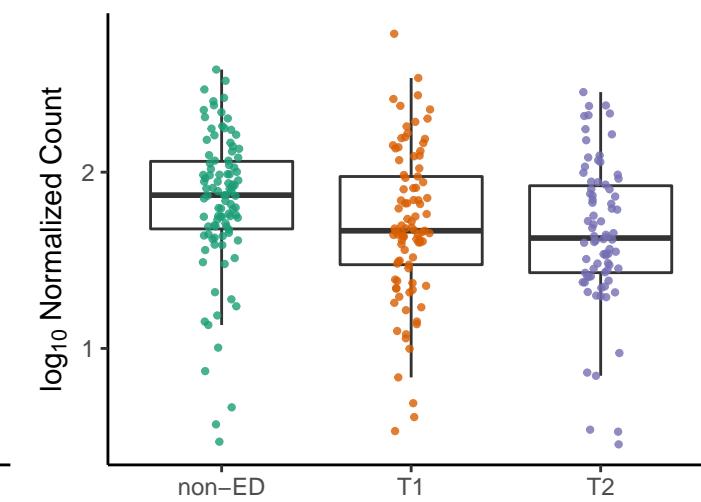
### *Mycoplasma bovirhinis*

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



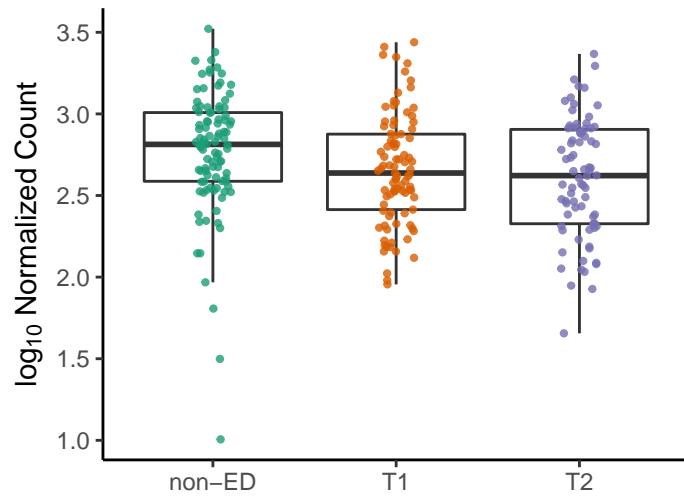
### *Brachyspira intermedia*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.79



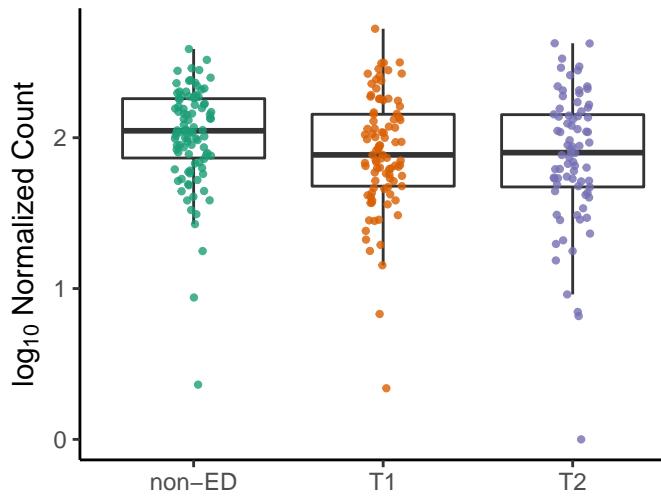
### *Buchnera aphidicola*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



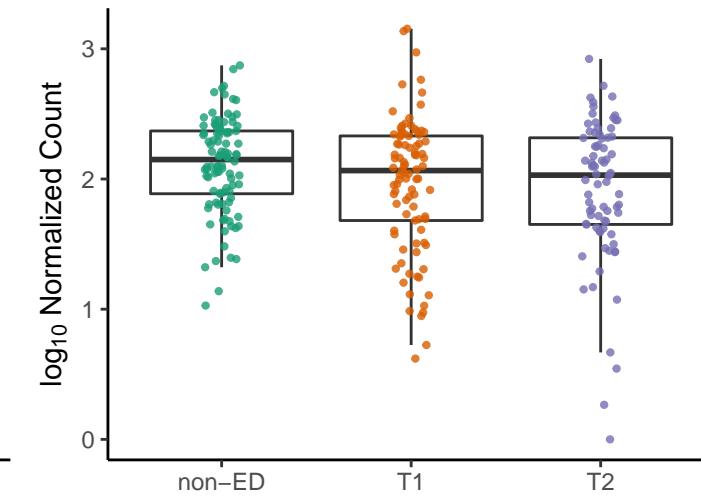
### *Bacillus cytotoxicus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.82



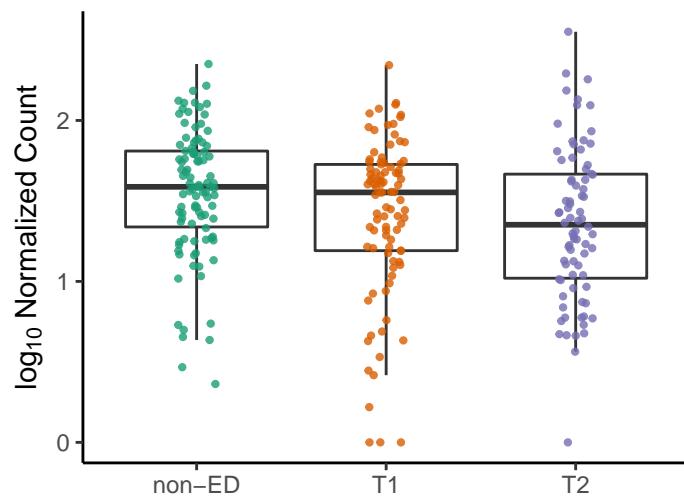
### *Hymenobacter oligotrophus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.93



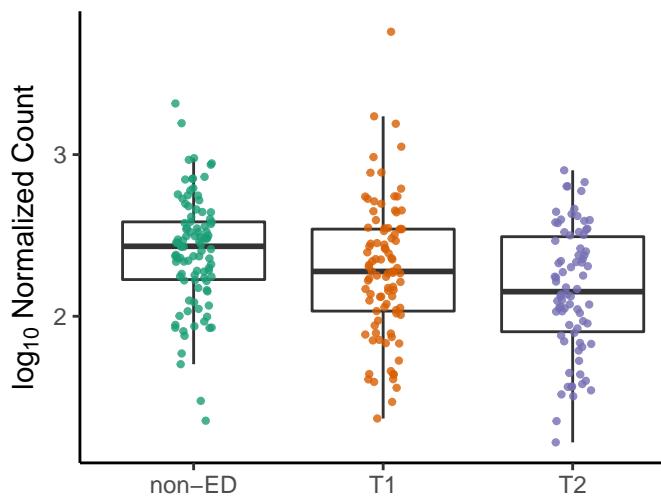
### *Serratia* sp. FDAARGOS\_506

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.82



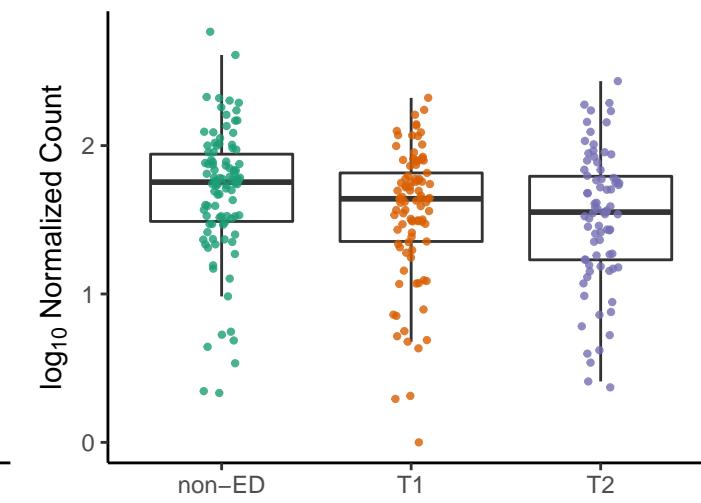
### Unclassified *Kosakonia* Genus

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



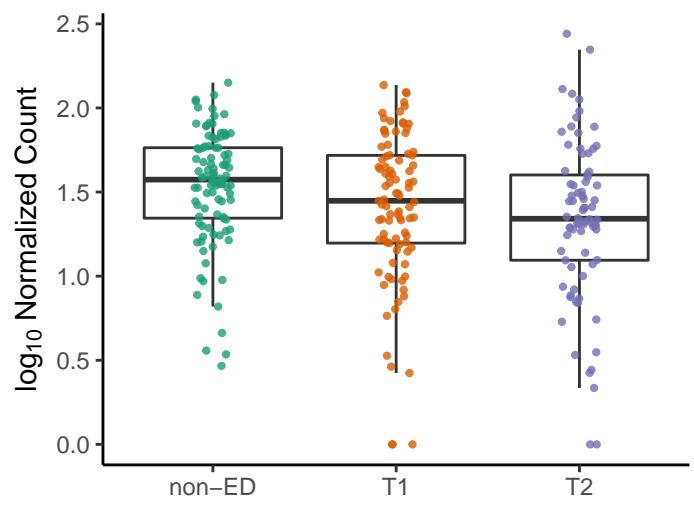
### *Wolinella succinogenes*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.91



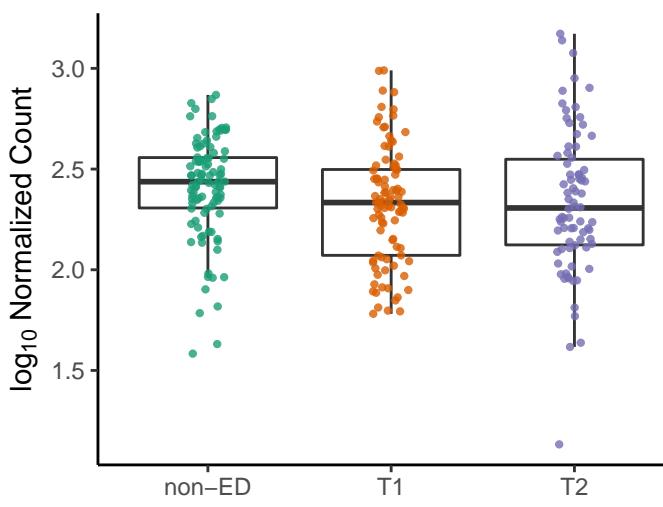
### *Acinetobacter venetianus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.76



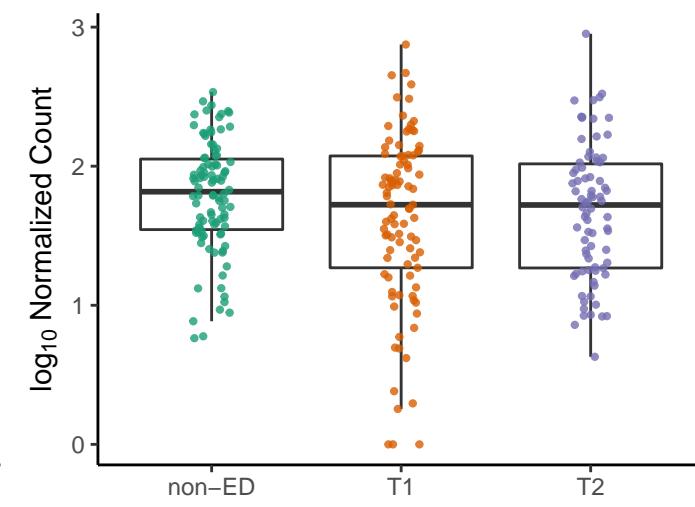
### *Bacillus mesonae*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.86



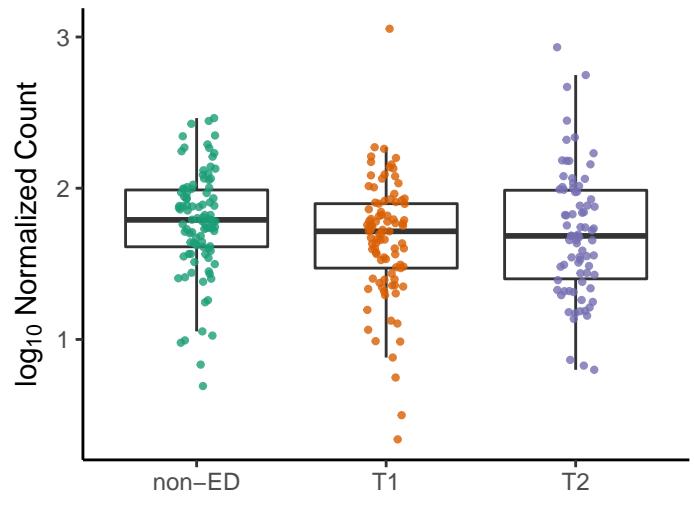
### *Janibacter limosus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.79



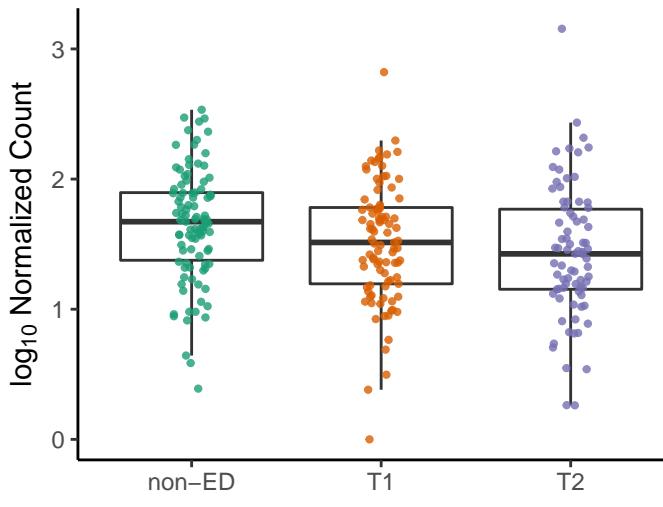
### *Microcoleus sp. PCC 7113*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.89



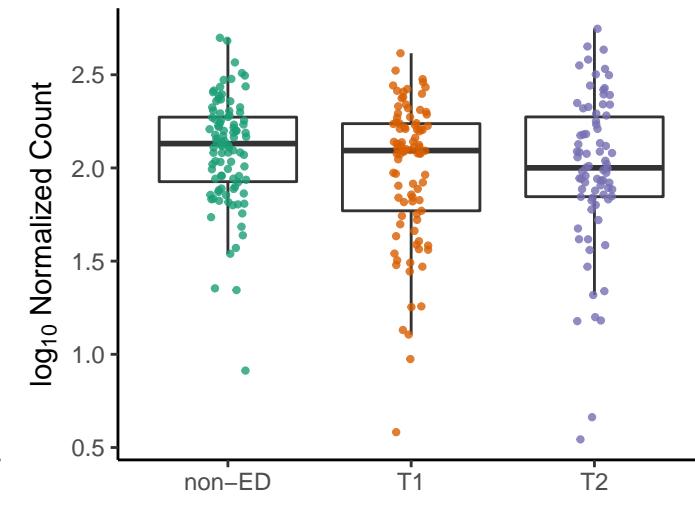
### *Shewanella baltica*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.77



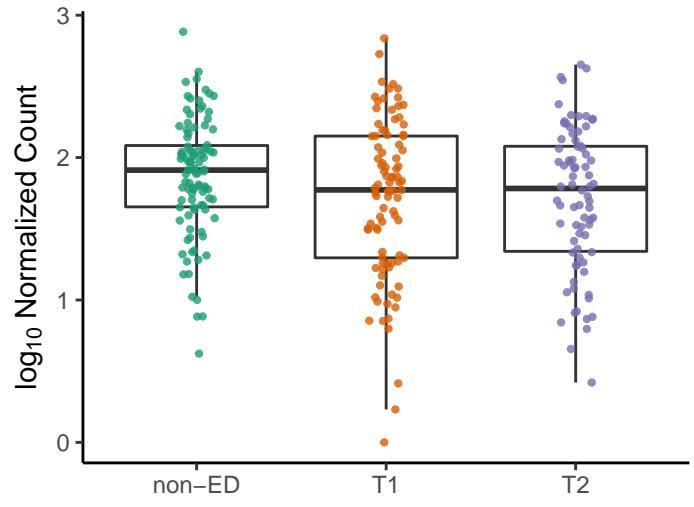
### *Mucilaginibacter rubeus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.87



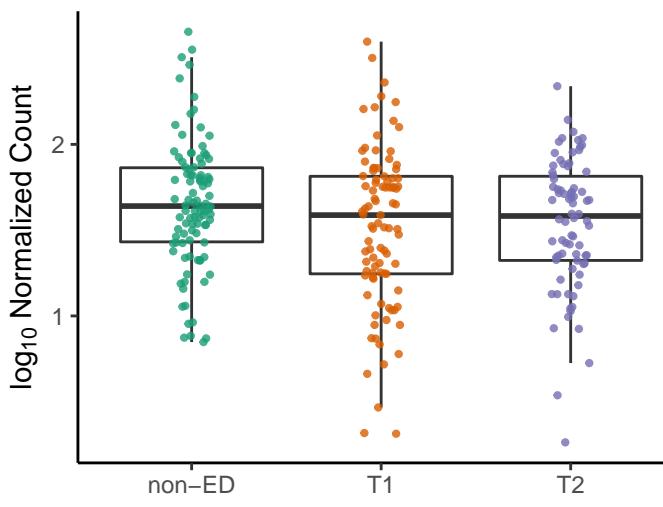
### *Oerskovia sp. KBS0722*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.93



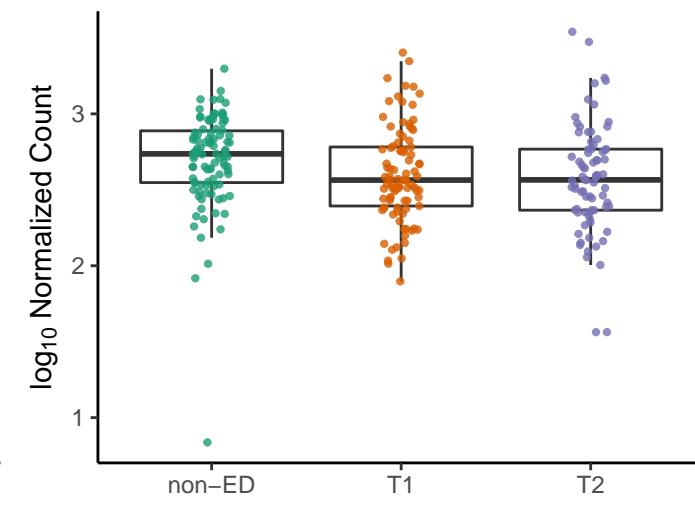
### Unclassified Cobetia Genus

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.77

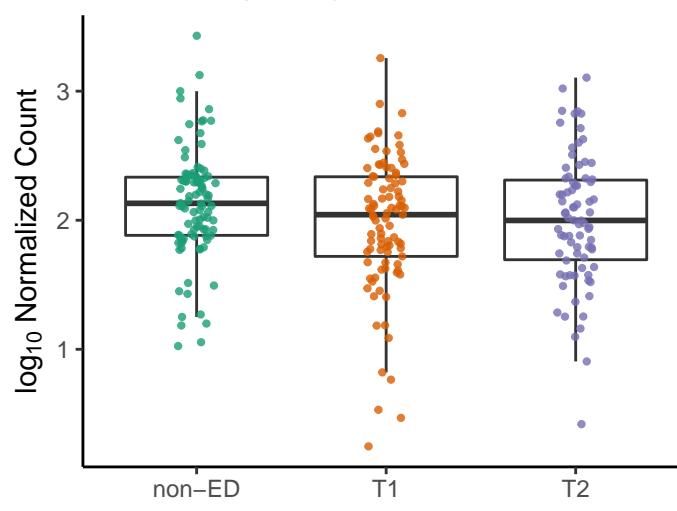


### *Ruminiclostridium cellulolyticum*

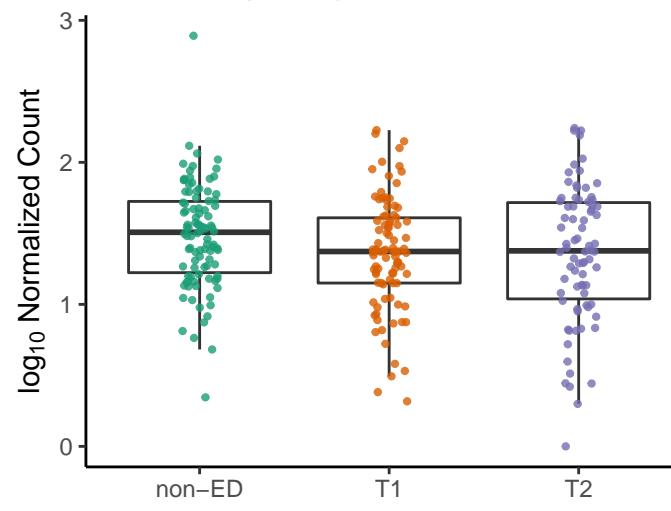
non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.88



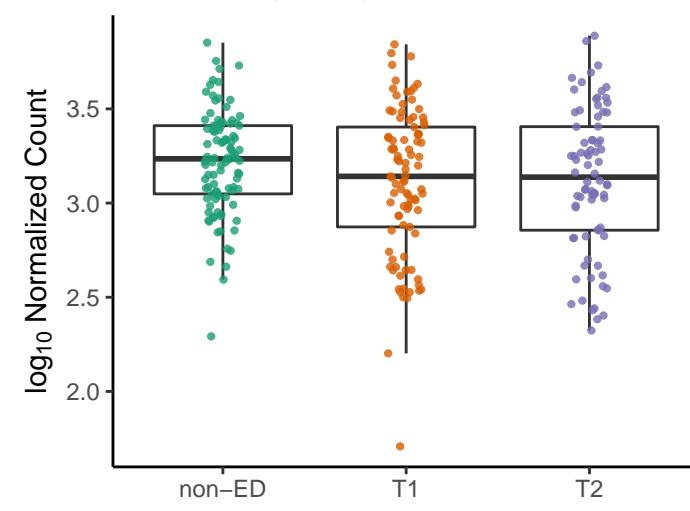
*Cellulosimicrobium cellulans*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.8



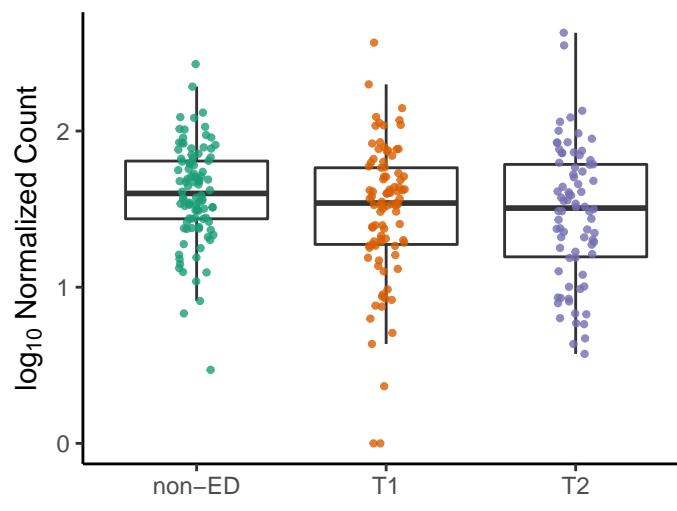
*Pseudomonas simiae*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.99



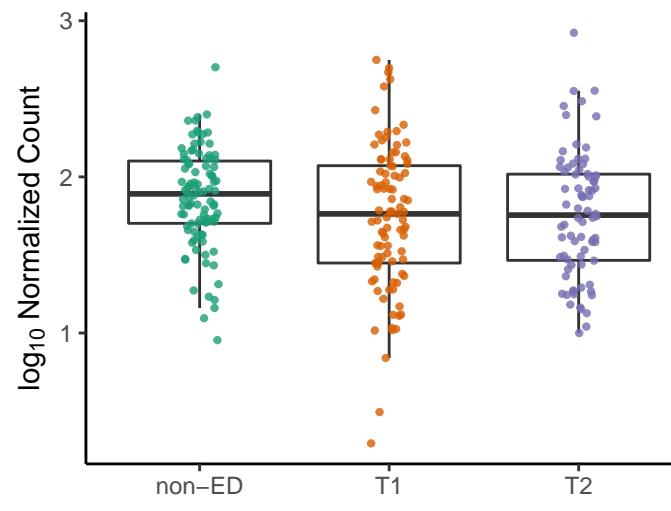
*Unclassified Rhizobiales Order*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.81



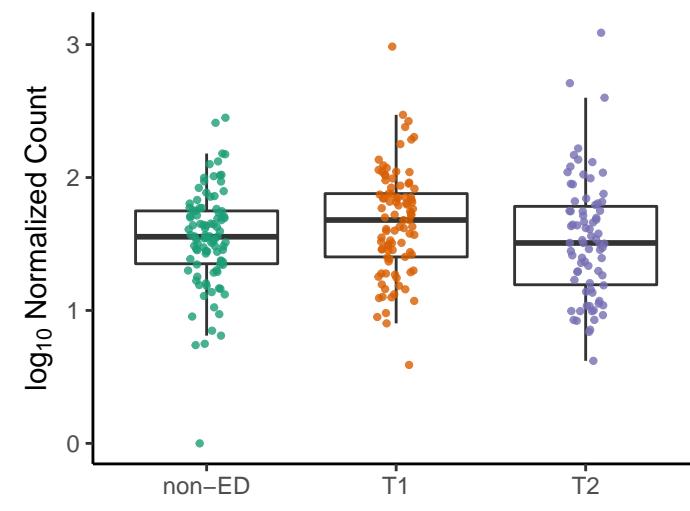
*Yersinia frederiksenii*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.79



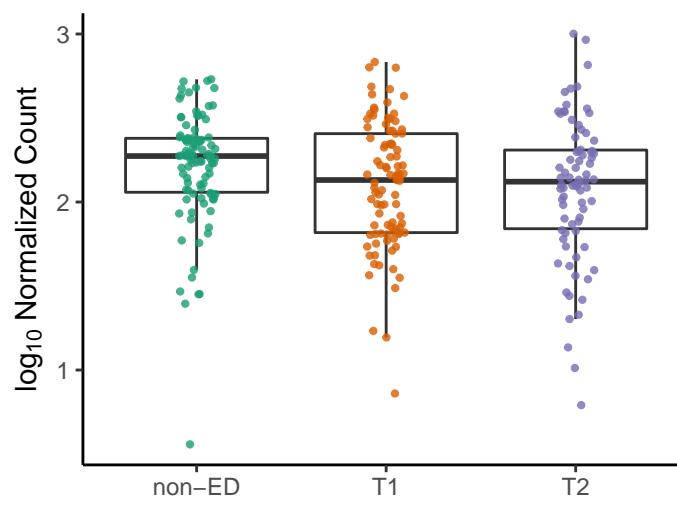
*Corynebacterium diphtheriae*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.77



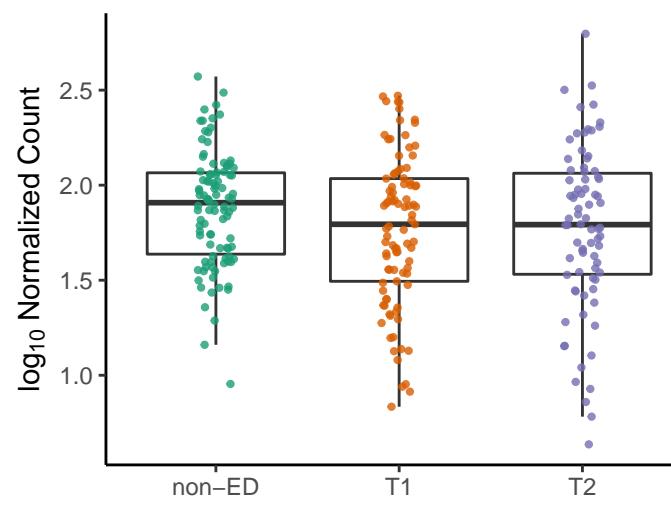
*Edwardsiella tarda*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.91  
T1 vs. T2 adjusted p = 0.61



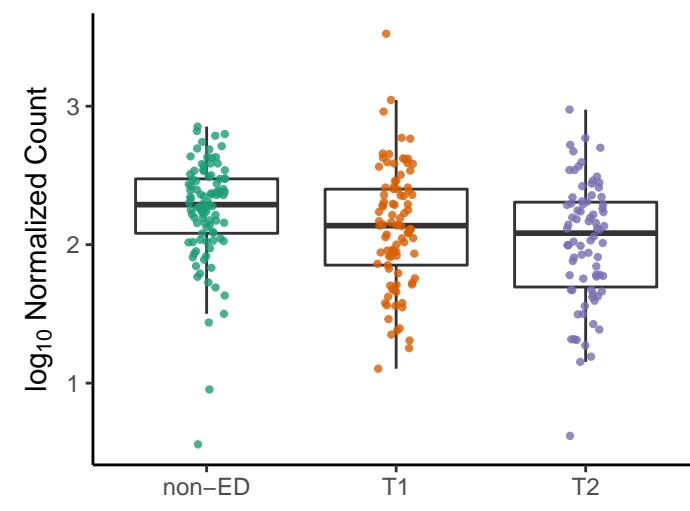
*Streptococcus porcinus*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.95



*Brenneria rubrifaciens*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85

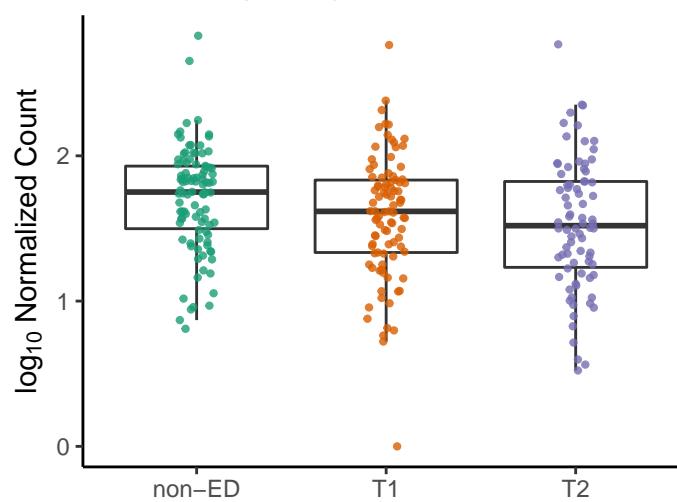


*Fusobacterium pseudoperiodonticum*  
non-ED vs. T1 adjusted p = 0.089  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.66



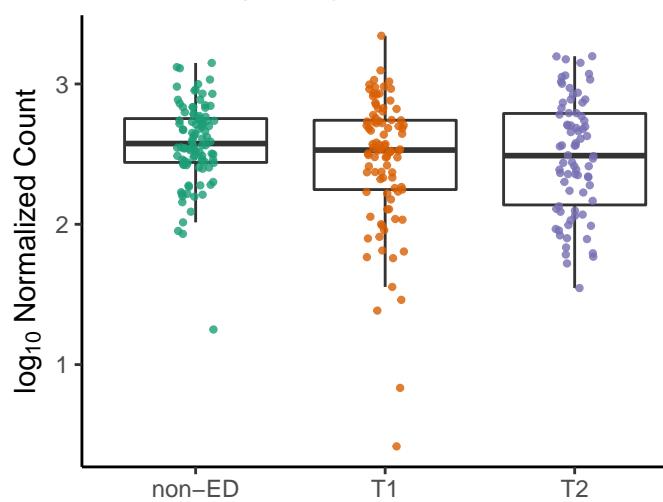
### *Lactobacillus fuchuensis*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.91



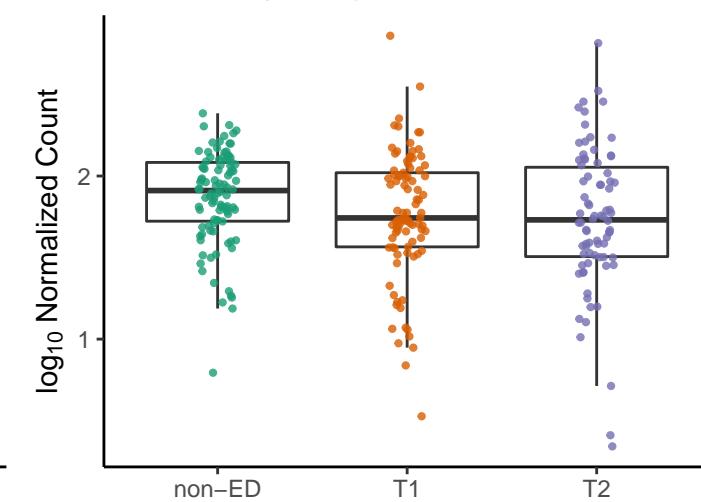
### *Rhodothermus marinus*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.75



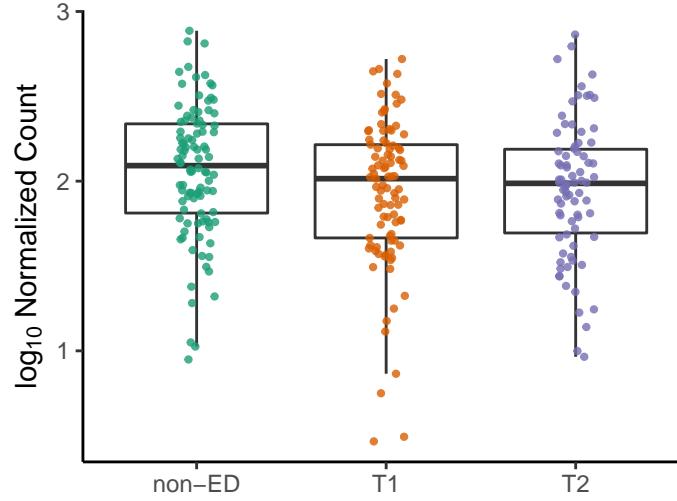
### *Leptolyngbya boryana*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.97



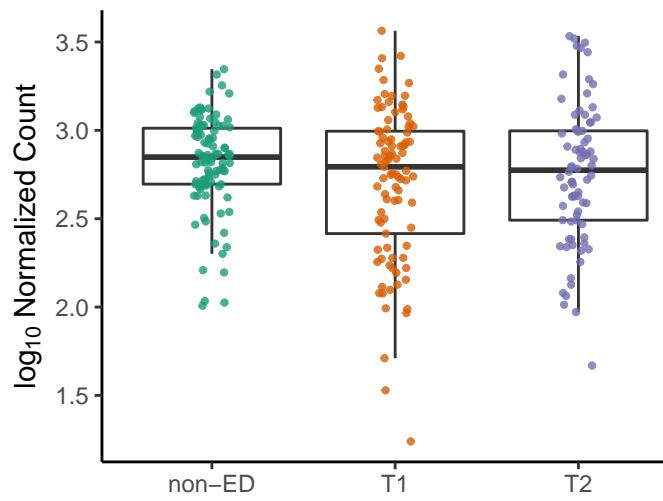
### *Devosia ginsengisoli*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.79



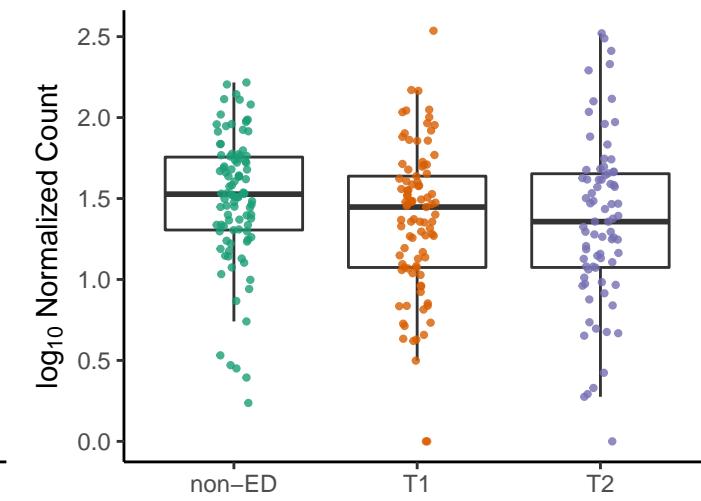
### *Heliobacterium modesticaldum*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.67



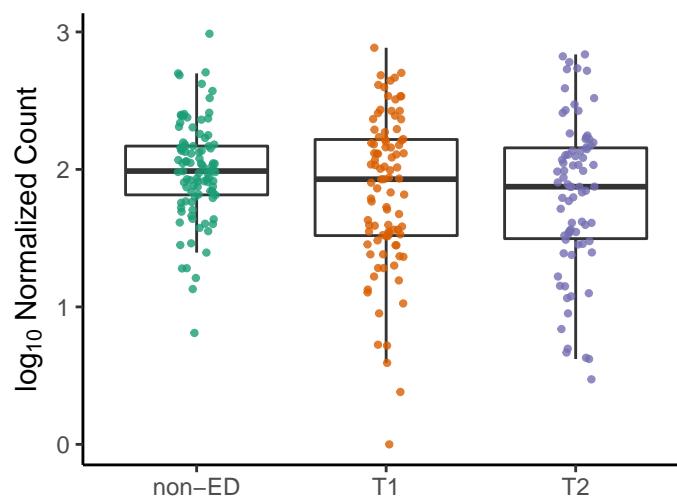
### *Psychromonas sp. CNPT3*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.95



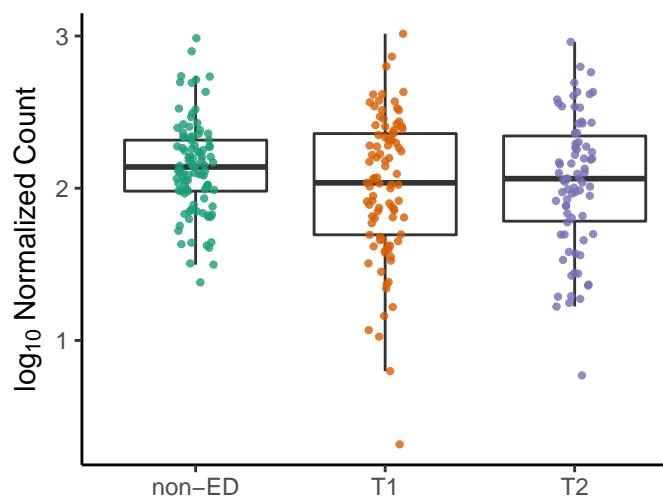
### *Micromonospora inositolata*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.93



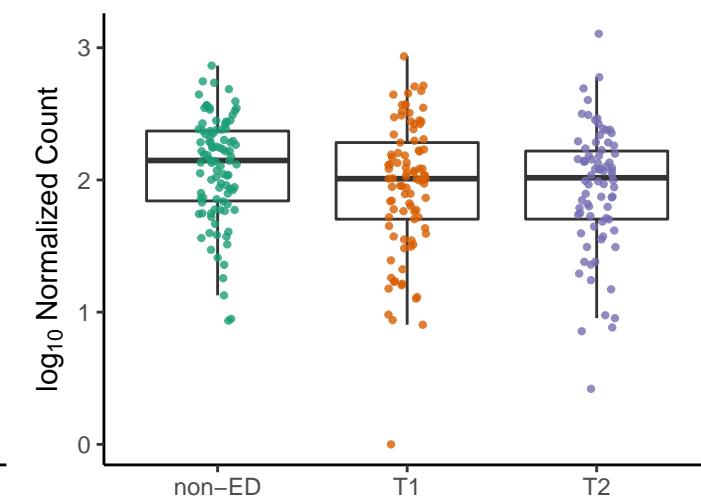
### *Bordetella flabilis*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.81



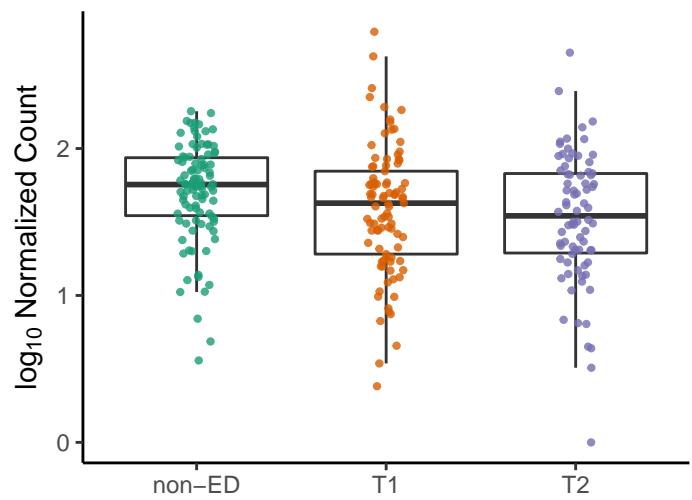
### *Bradyomonas sediminis*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.95



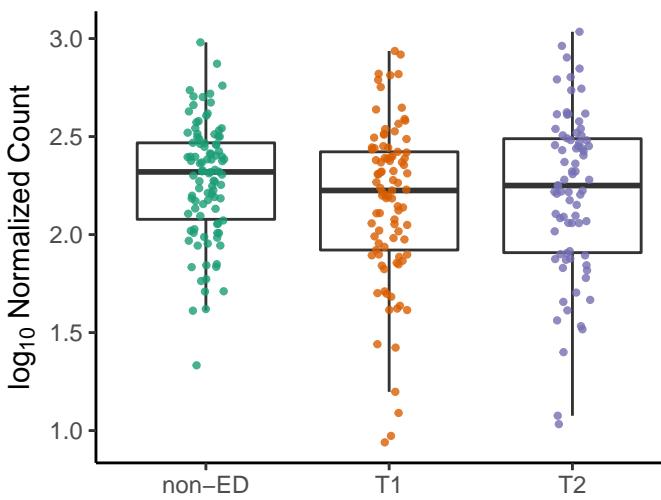
### *Vibrio alginolyticus*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.79



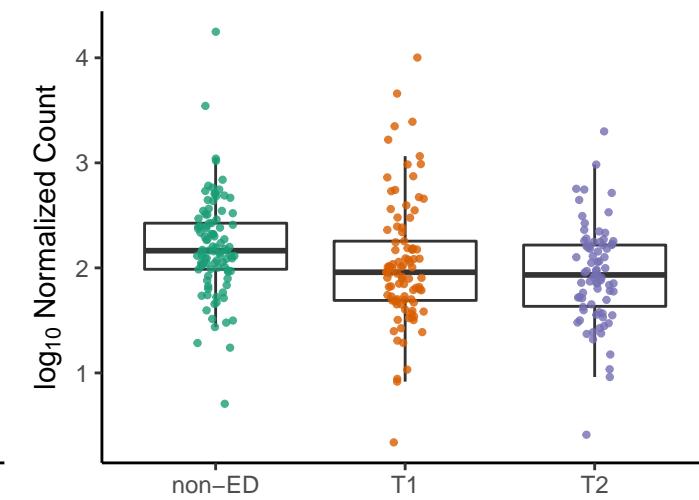
### *Desulfurivibrio alkaliphilus*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.38  
 T1 vs. T2 adjusted p = 0.69



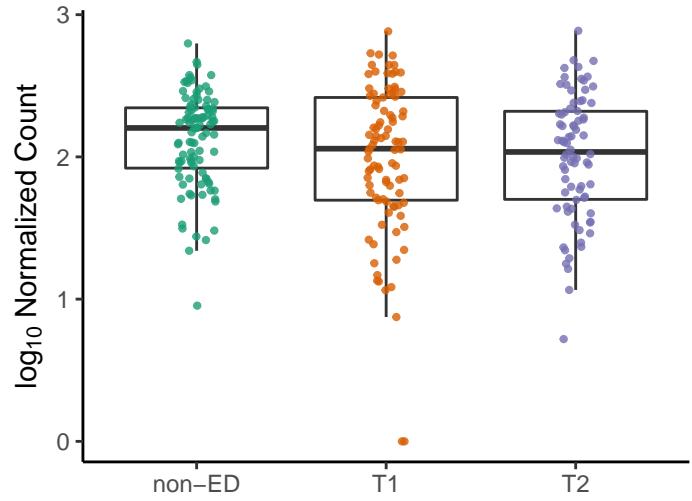
### *Leuconostoc mesenteroides*

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



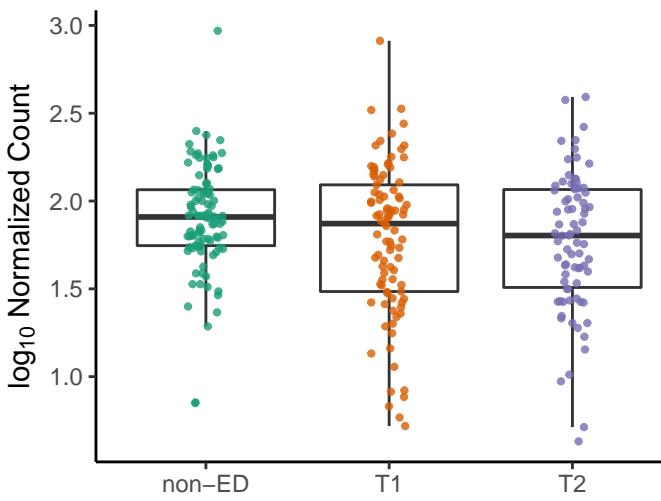
### *Streptomonospora sp. M2*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.77



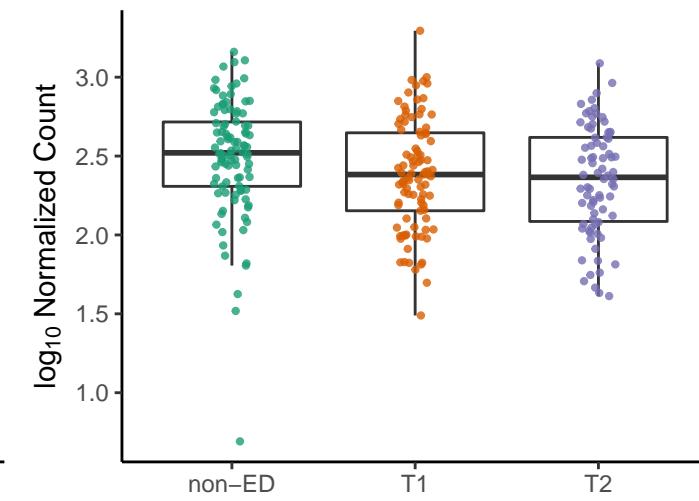
### *Ustilago maydis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.87



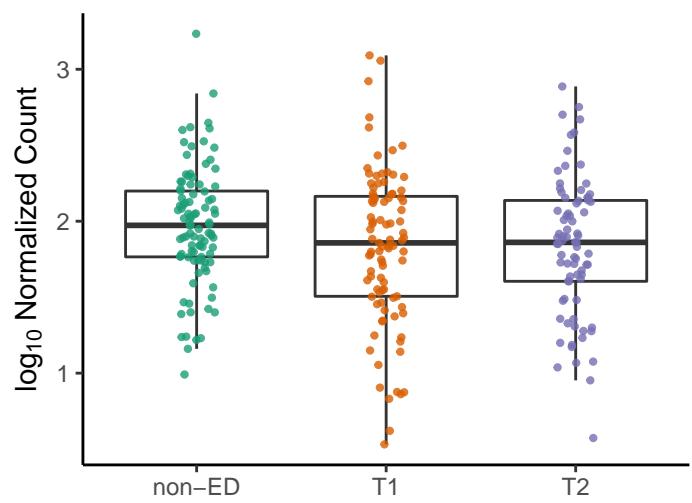
### *Clostridiaceae bacterium 14S0207*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.78



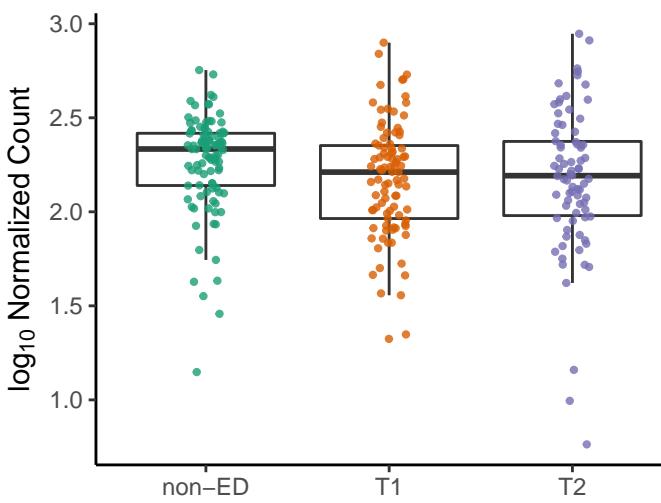
### *Micromonospora sp. WMMC415*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.9



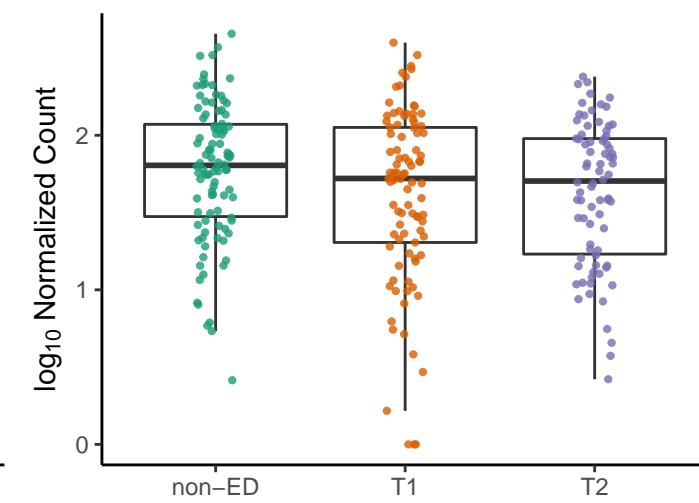
### *Anoxybacter fermentans*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.99



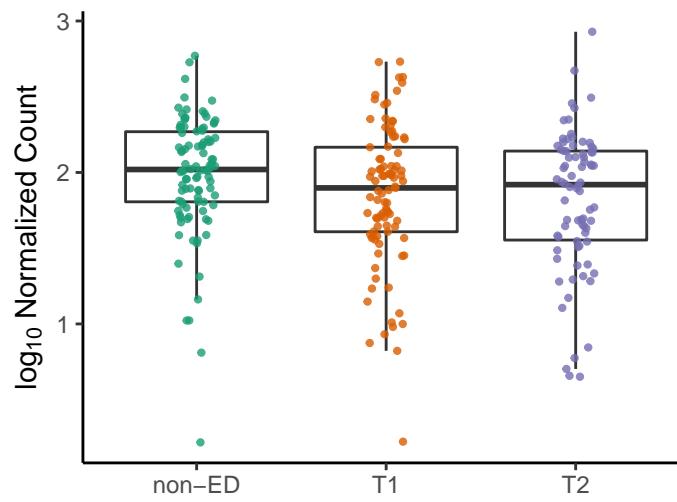
### *Agrococcus carbonis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.9



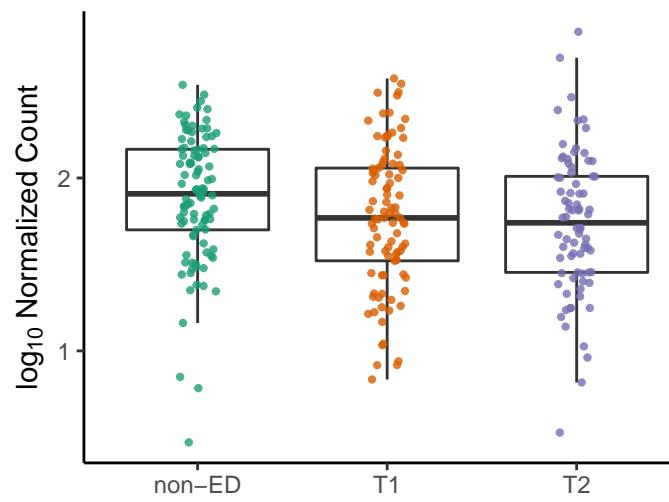
### *Fluviicola taffensis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.86



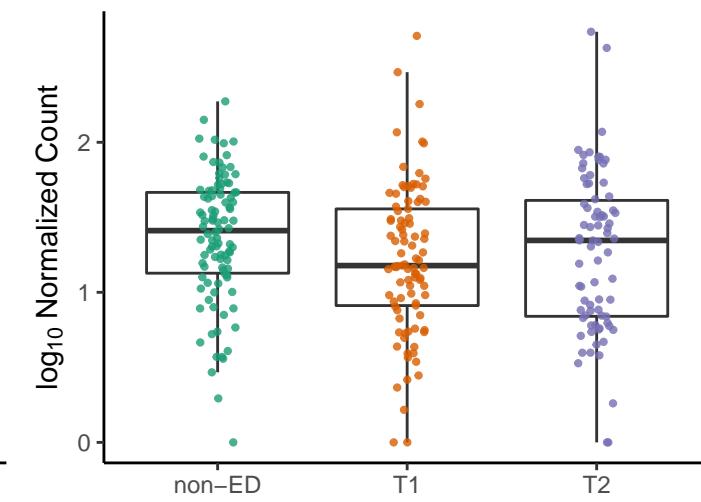
### *Lactobacillus acidipiscis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.92



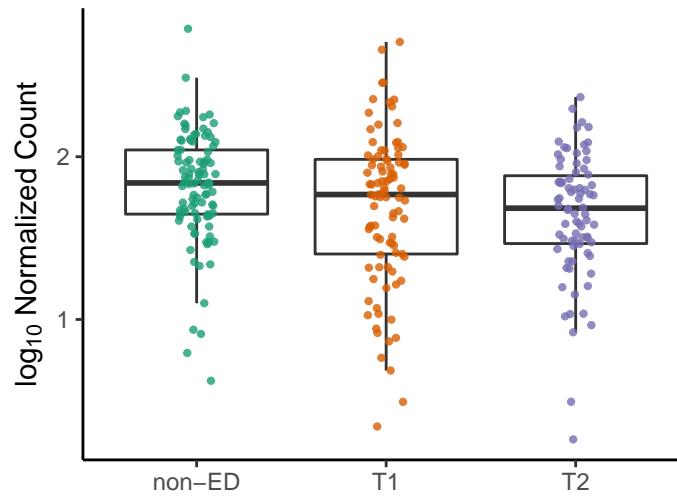
### *Glaciecola nitratireducens*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.91



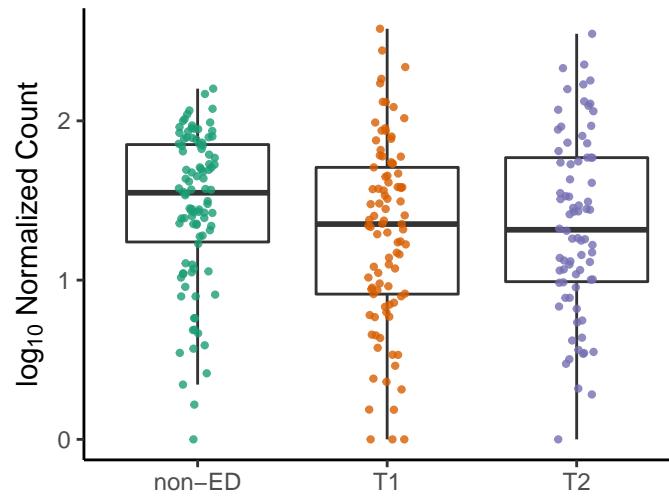
### *Shewanella loihica*

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



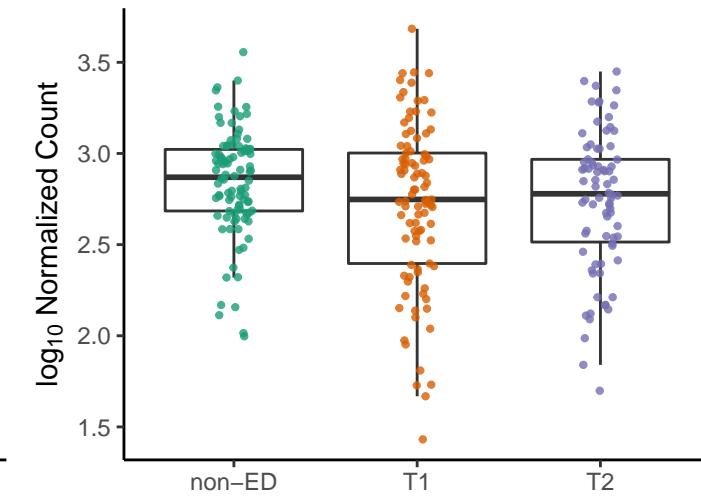
### *Streptomyces* sp. 11-1-2

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.73



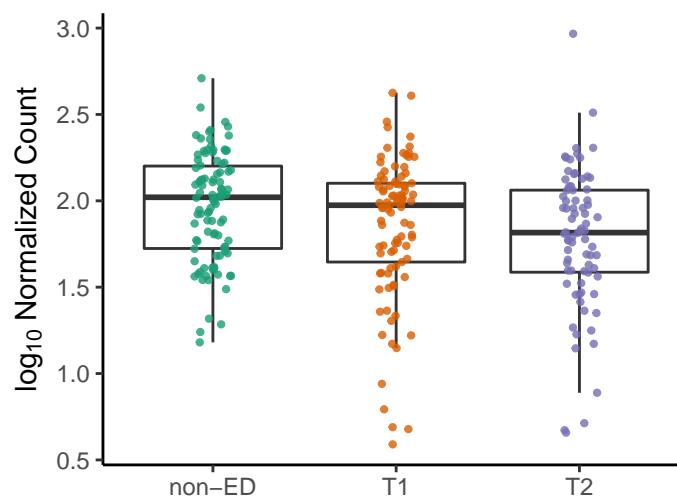
### Unclassified Comamonadaceae Family

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.77



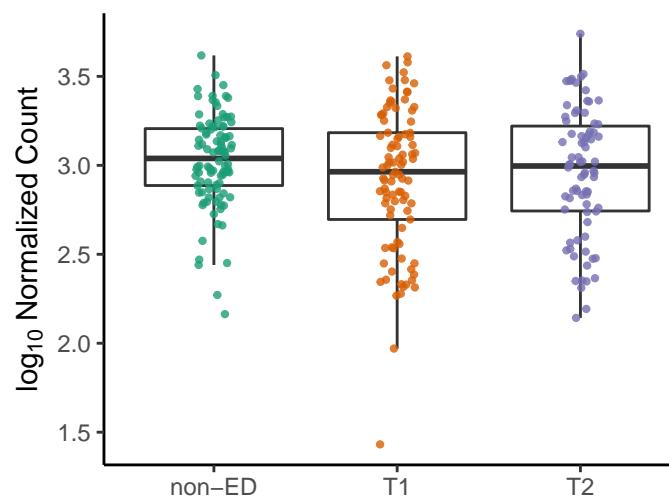
### *Vibrio nigripulchritudo*

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



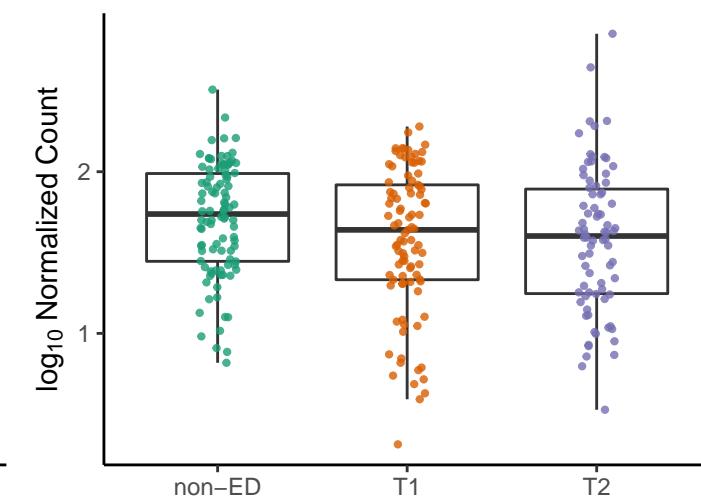
### Unclassified Rhodobacteraceae Family

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.7



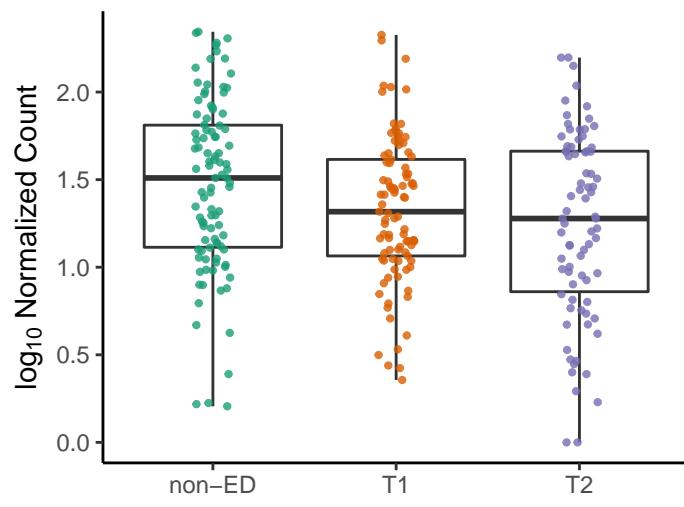
### *Rhodococcus* sp. B7740

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



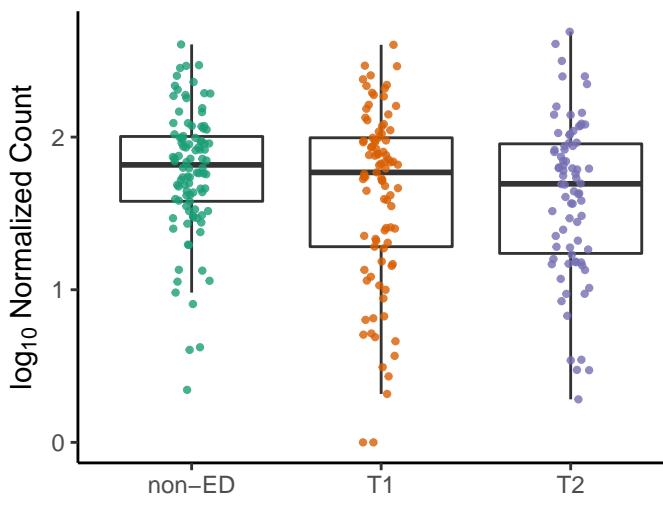
### *Spiroplasma clarkii*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.68



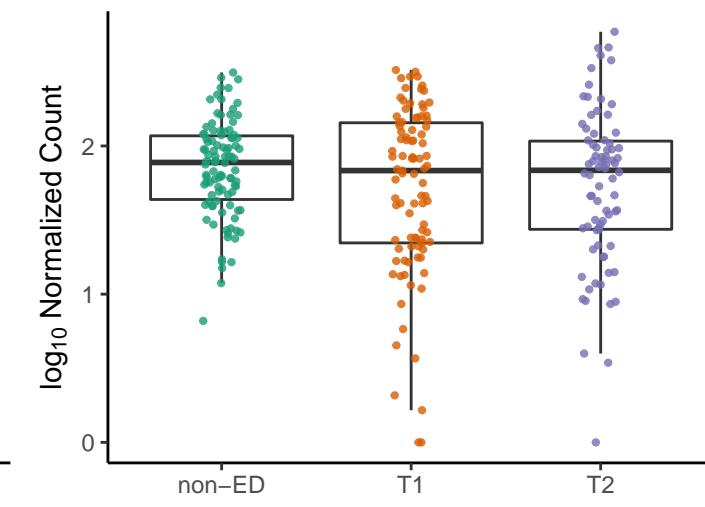
### *Streptomyces leeuwenhoekii*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.98



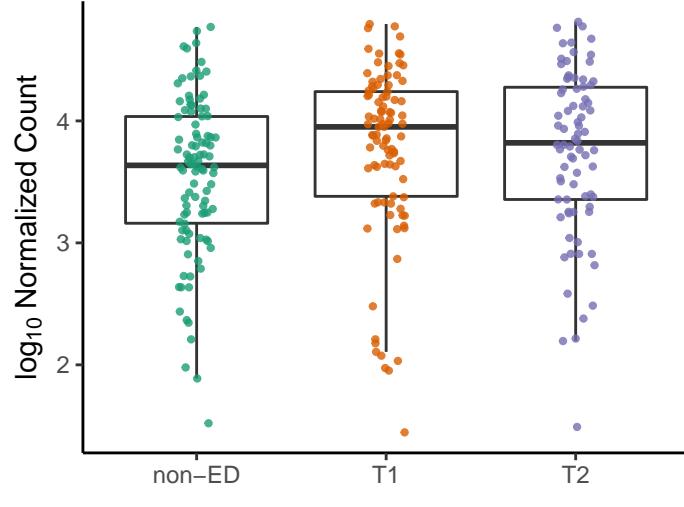
### *Methylobacterium* sp. 17Sr1-1

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.74



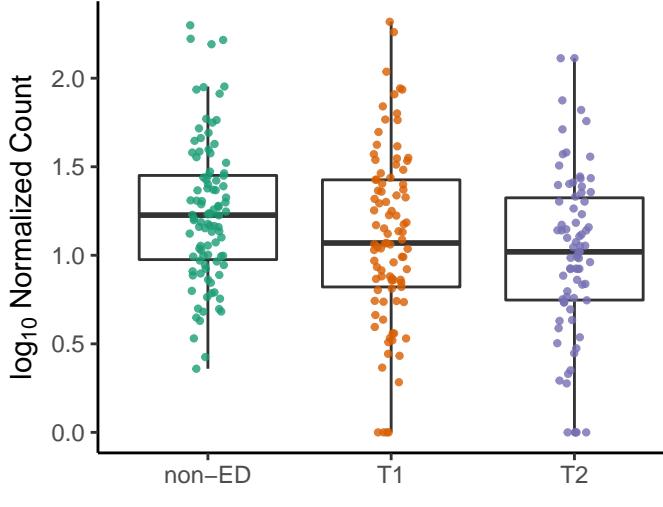
### *Butyrimonas faecalis*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.71



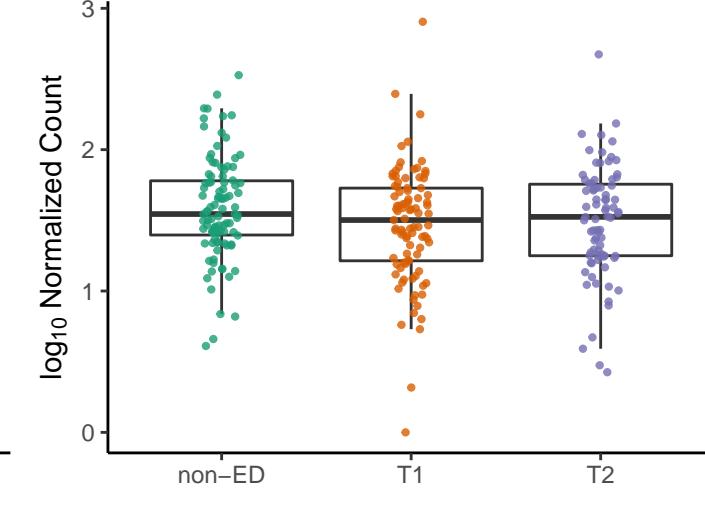
### *Candidatus Saccharibacteria bacterium*

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



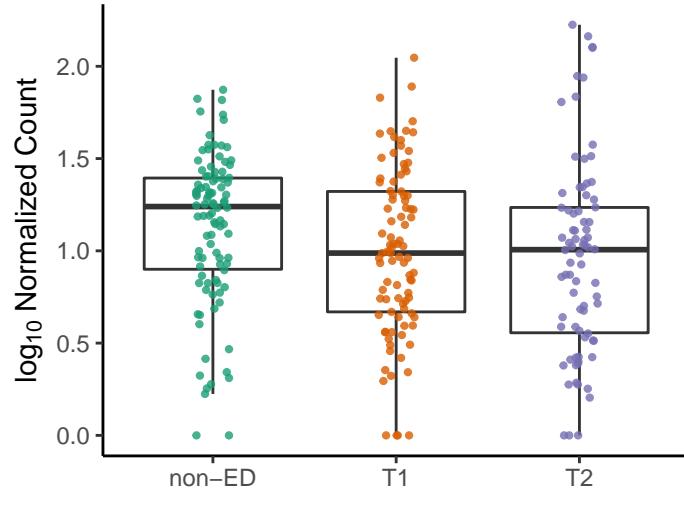
### *Corynebacterium suranareeae*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.81



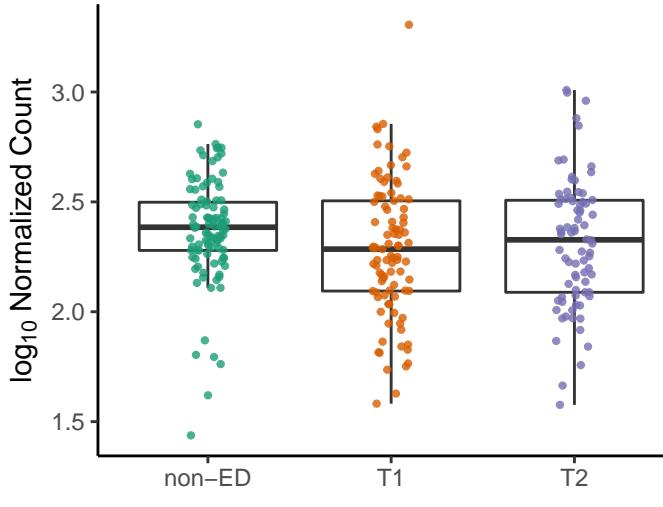
### *Planococcus kocurii*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.91



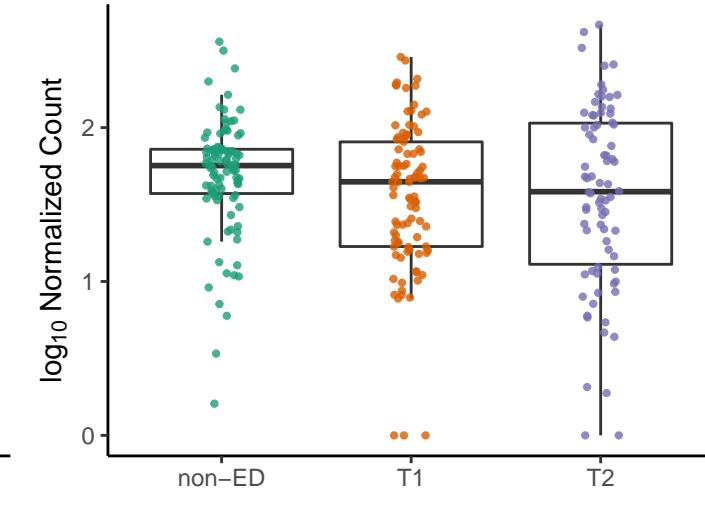
### *Sporolactobacillus terrae*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.75



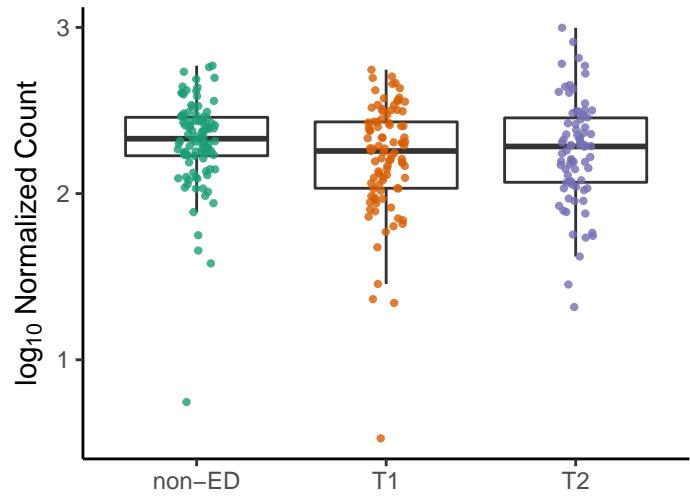
### *Halorubrum ezzemoullense*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



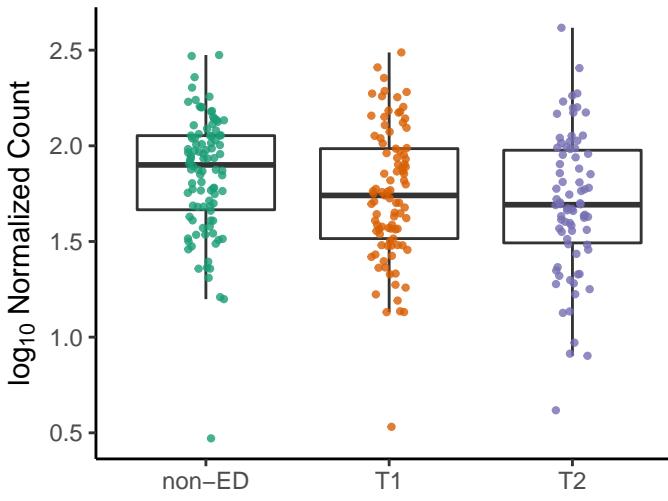
### *Desulfosporosinus meridiei*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.82



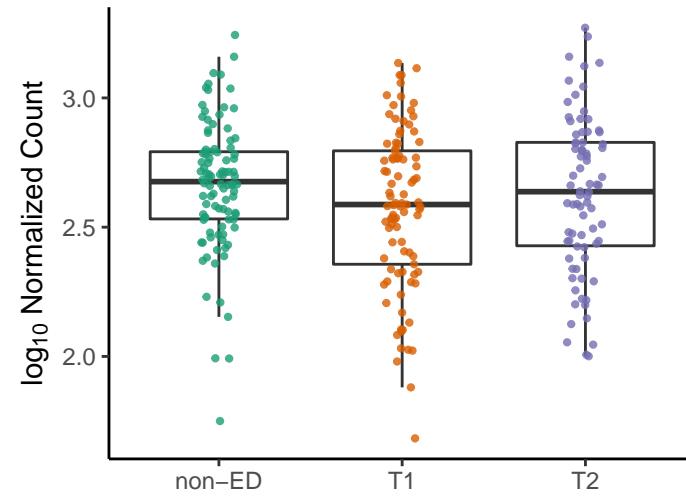
### *Tetragenococcus osmophilus*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.82



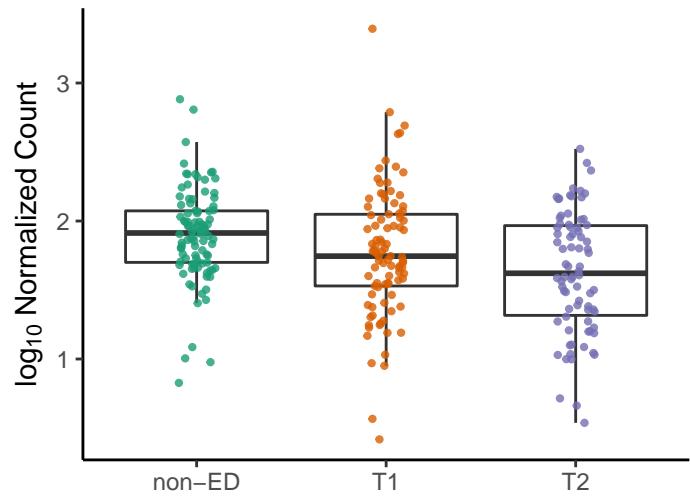
### *Paenibacillus stellifer*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.49  
 T1 vs. T2 adjusted p = 0.63



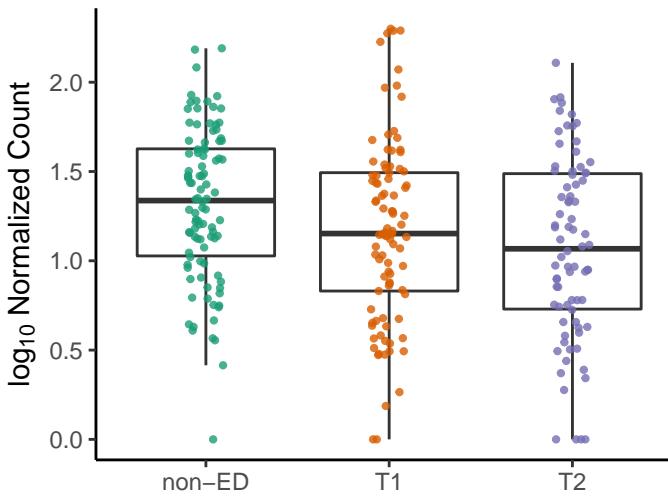
### *Enterobacter sp. 638*

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



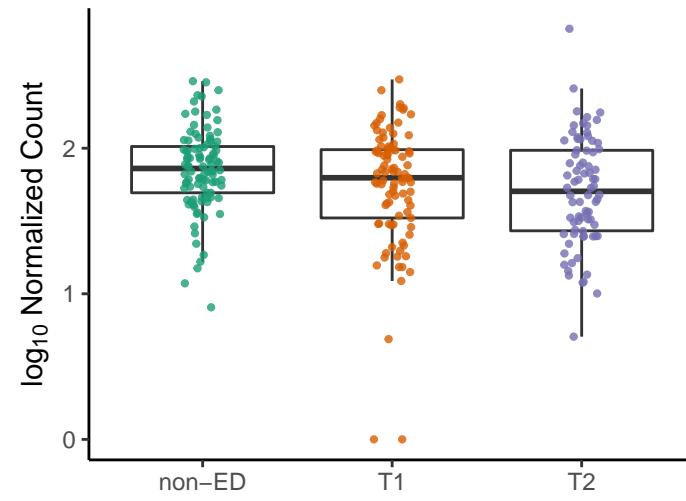
### *Acetobacter tropicalis*

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



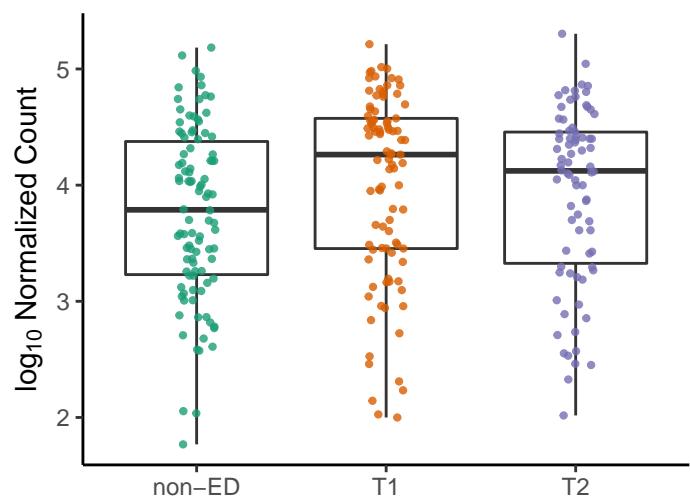
### *Pseudohongiella spirulinae*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



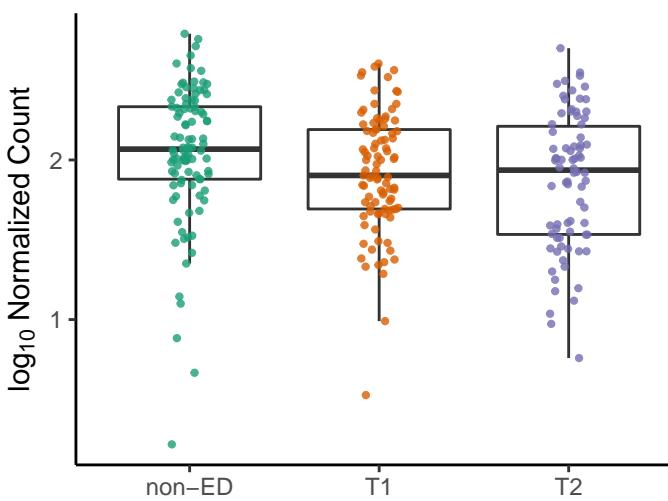
### *Odoribacter splanchnicus*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.66



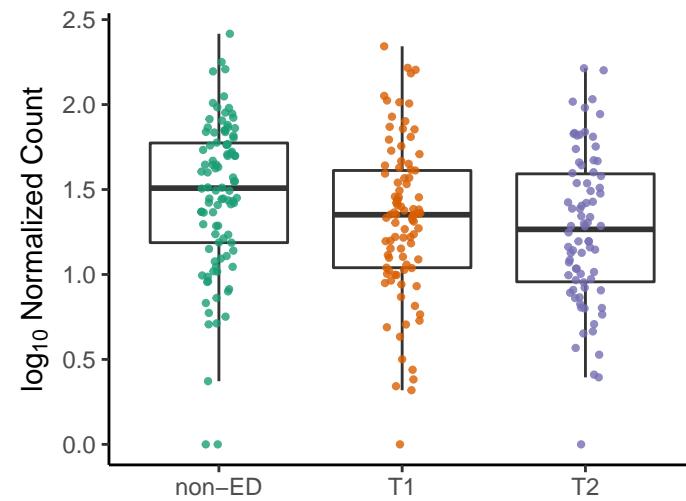
### *Halobacteroides halobius*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.76



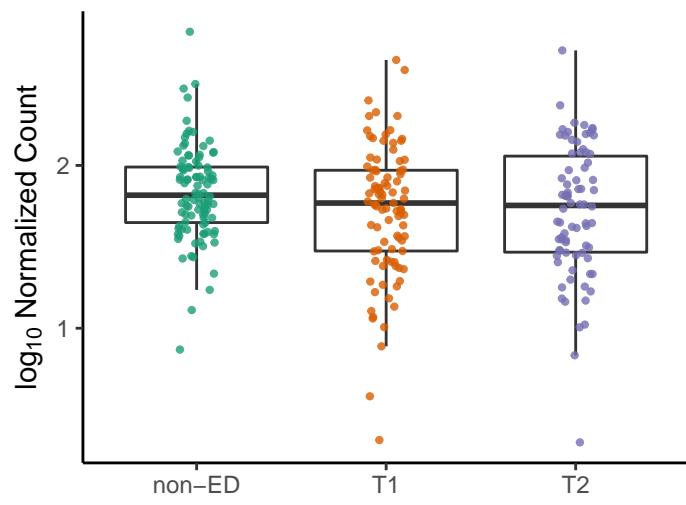
### *Mycoplasma putrefaciens*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.77



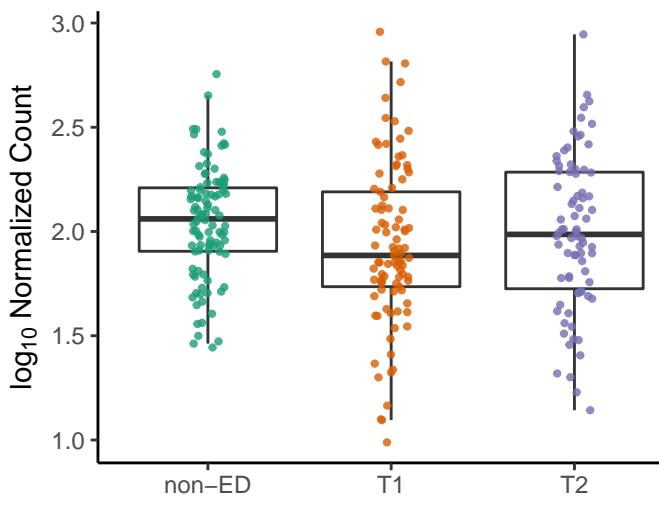
### Rhizobium sp. WL3

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.82



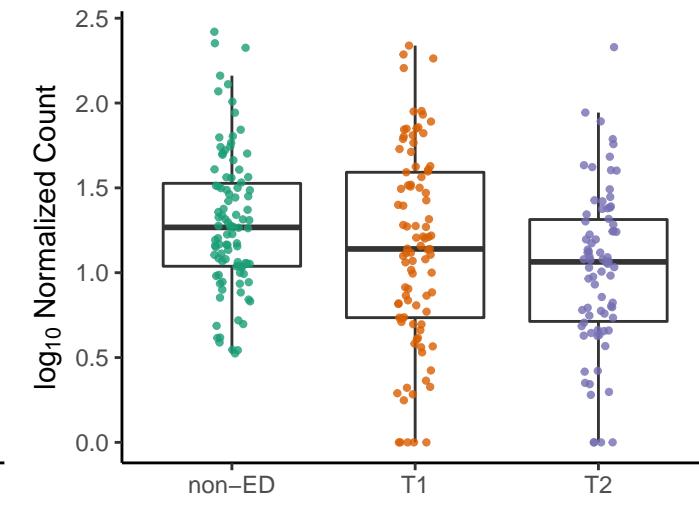
### Actinomyces sp. oral taxon 848

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.45  
T1 vs. T2 adjusted p = 0.61



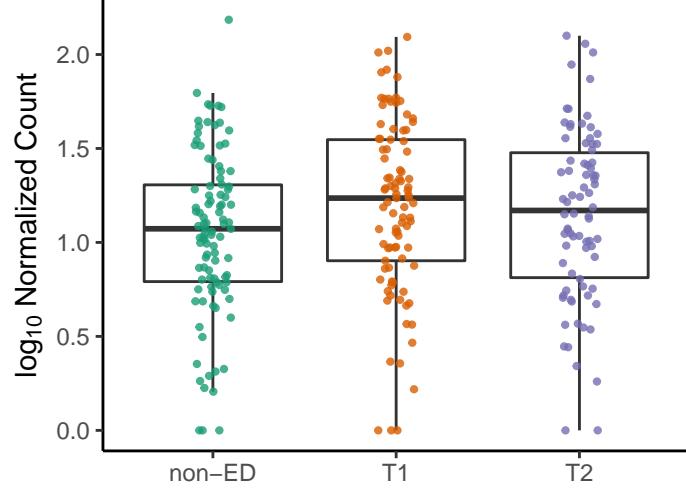
### Candidatus Saccharibacteria bacterium

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.0017  
T1 vs. T2 adjusted p = 0.67



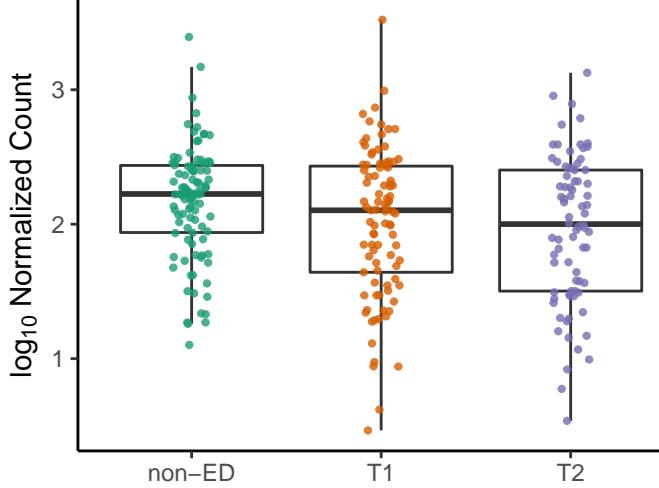
### Unclassified Aggregatibacter Genus

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.97



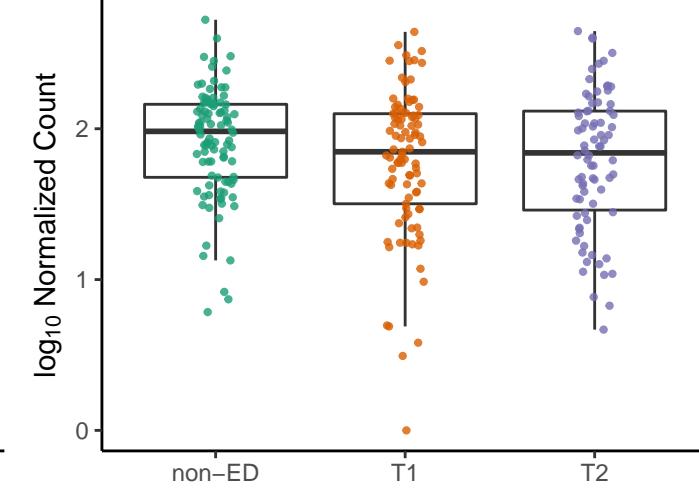
### Halomonas sp. JS92-SW72

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 1



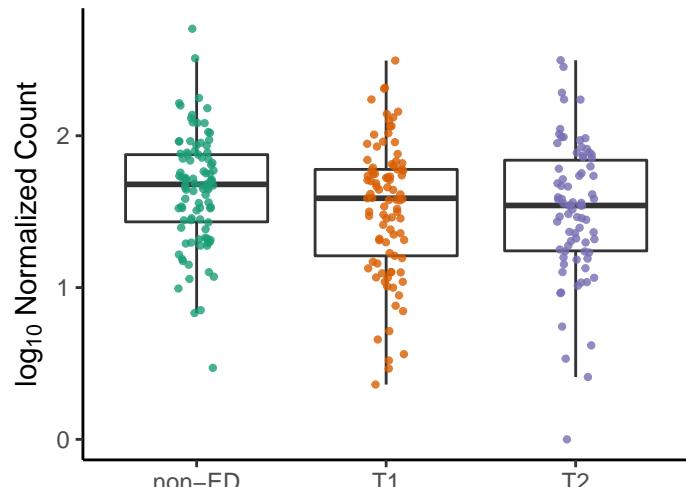
### Crenobacter cavernae

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.82



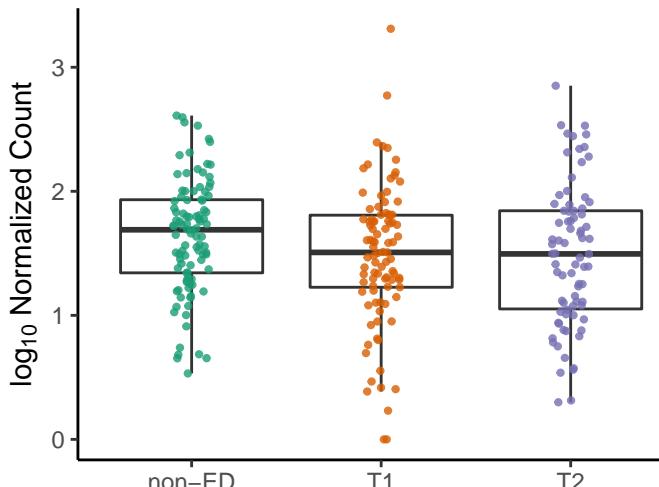
### Francisella adeliensis

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.93



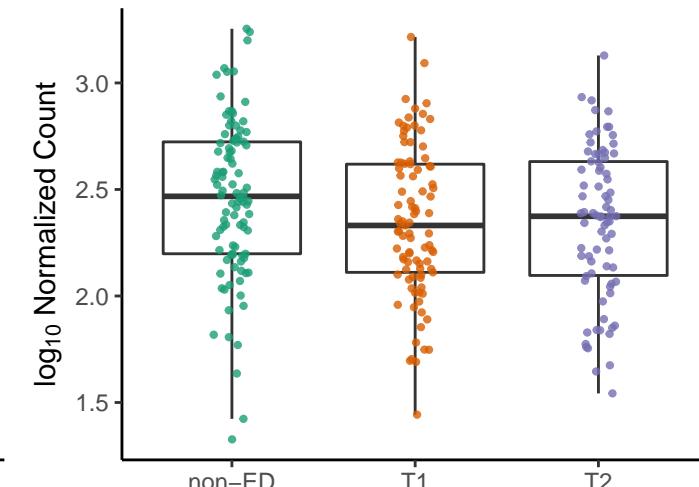
### Mycobacterium gadium

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.8



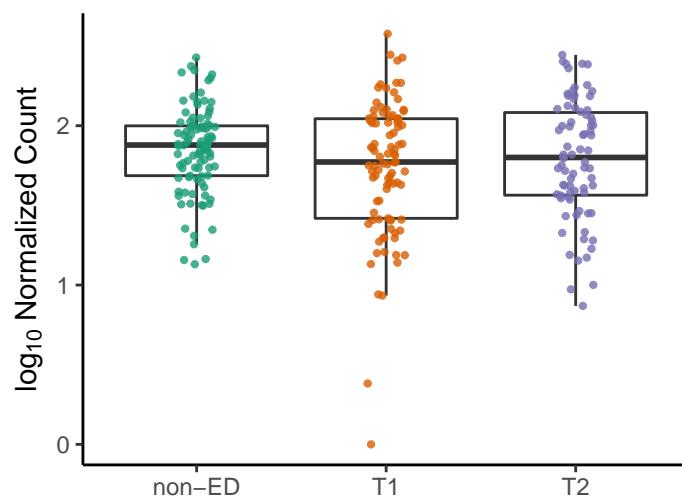
### Unclassified Negativicutes Class

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.91



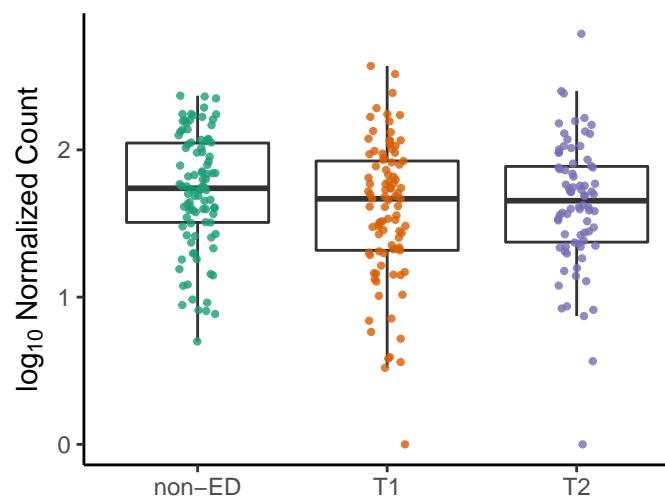
### Beijerinckiaceae bacterium

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.74



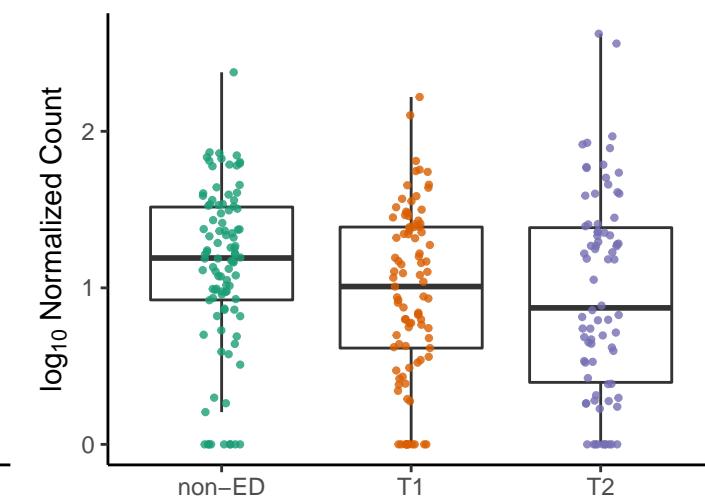
### Corynebacterium phocae

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.76



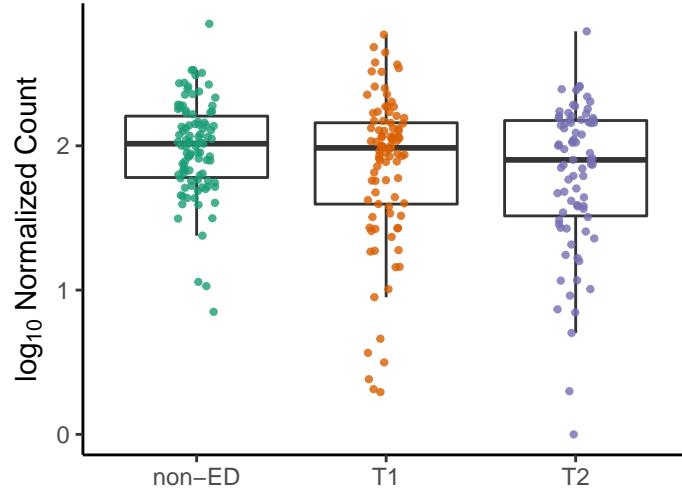
### Unclassified Thermoplasmata Class

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.89



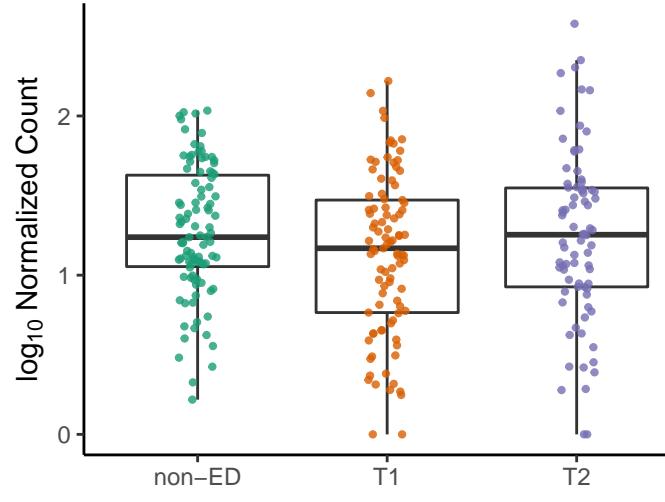
### Halomonas chromatireducens

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



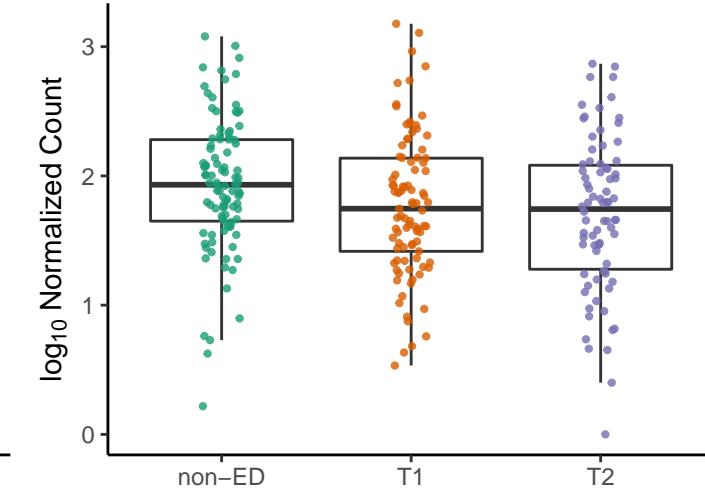
### Methylacidiphilum fumariolicum

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.76  
T1 vs. T2 adjusted p = 0.66



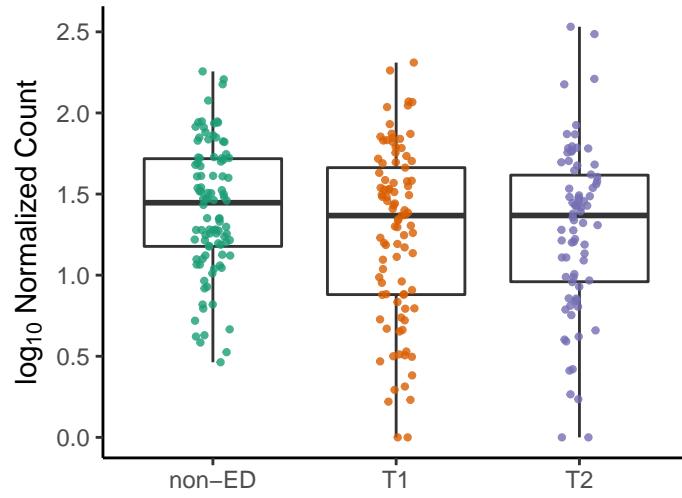
### Streptococcus infantarius

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



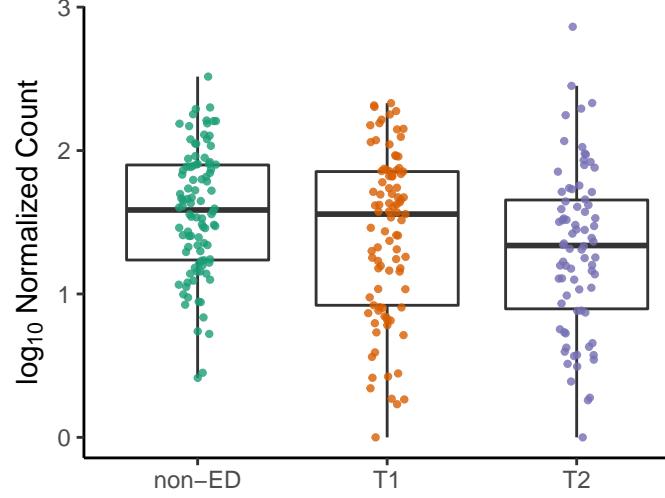
### Halorubrum lacusprofundi

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



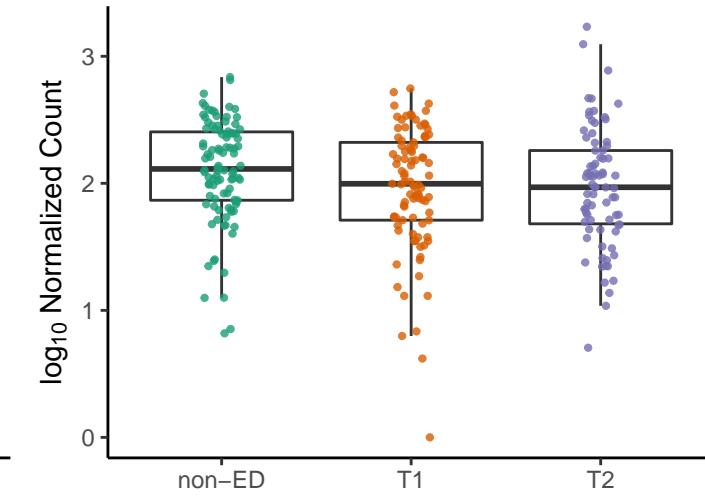
### Rathayibacter tanaceti

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



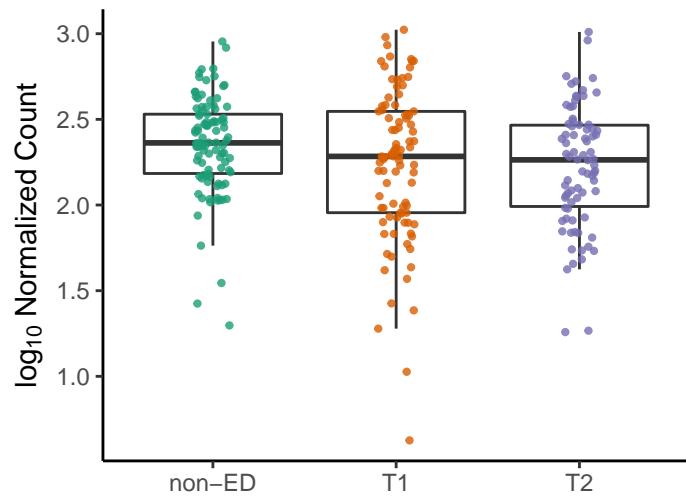
### Tsukamurella tyrosinosolvens

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.86



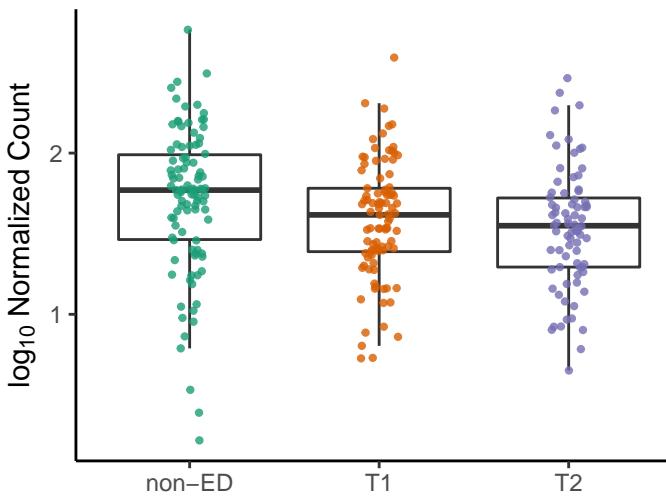
### *Pelobacter acetylenicus*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.99



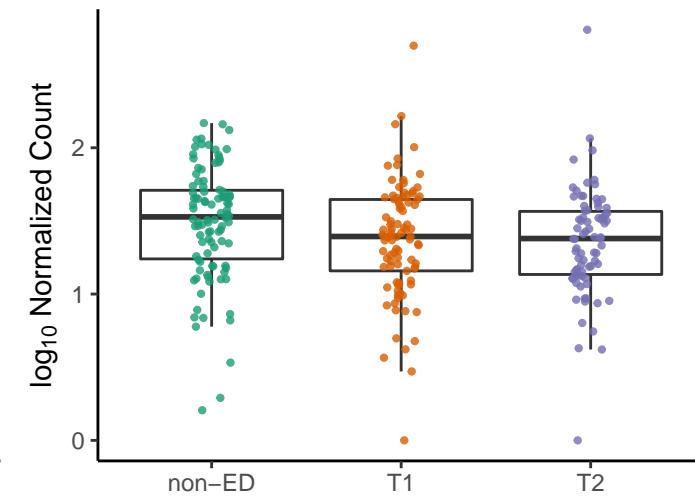
### *Sulfurihydrogenibium* sp. YO3AOP1

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.82



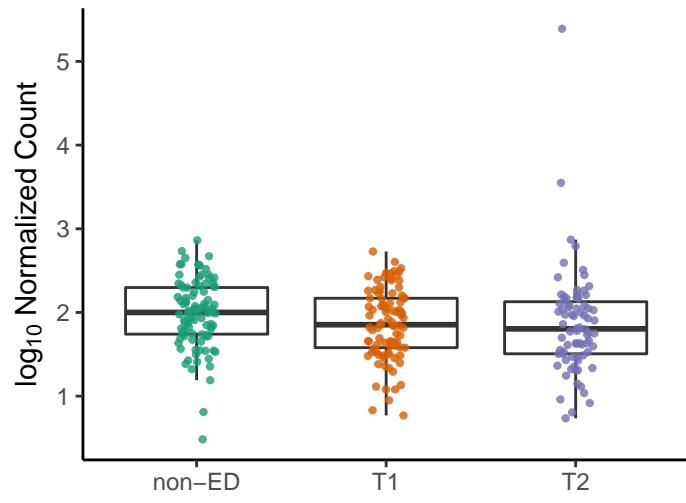
### *Agarivorans gilvus*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.99



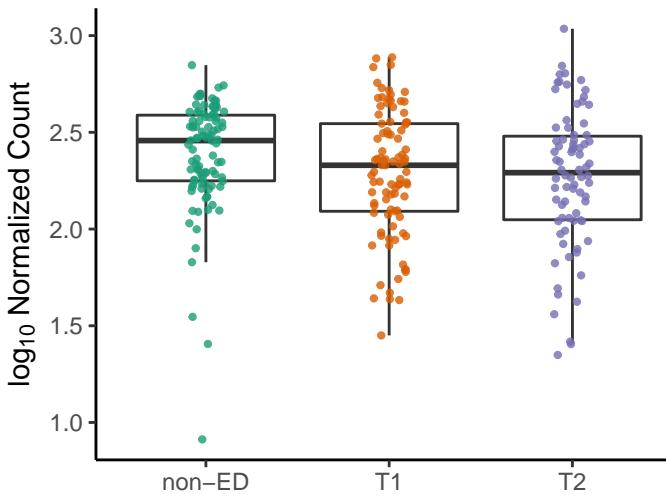
### [Candida] glabrata

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.98



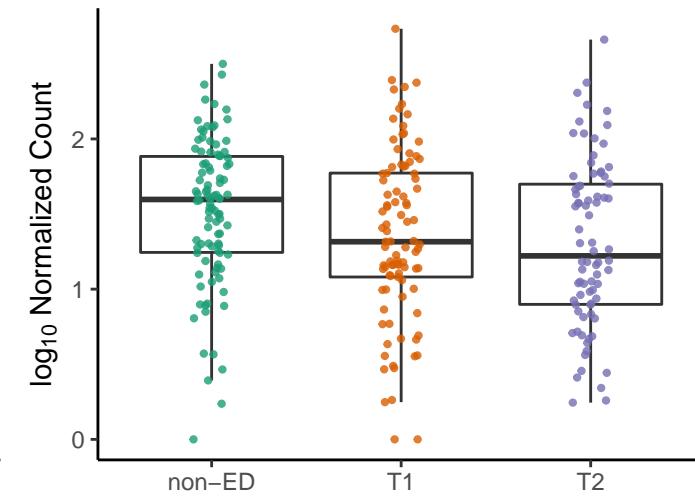
### *Clostridium aceticum*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.89



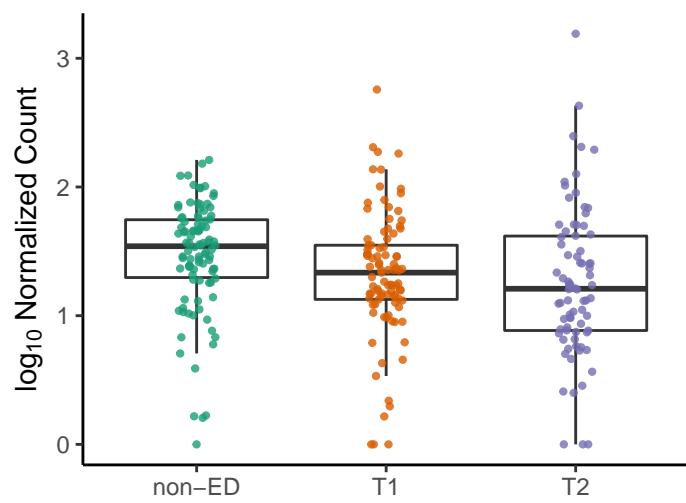
### *Arcobacter thereius*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.71



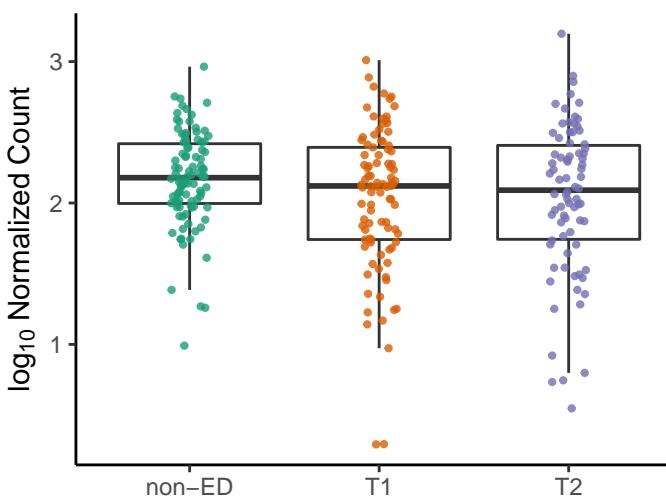
### *Flavobacterium crassostreae*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.7



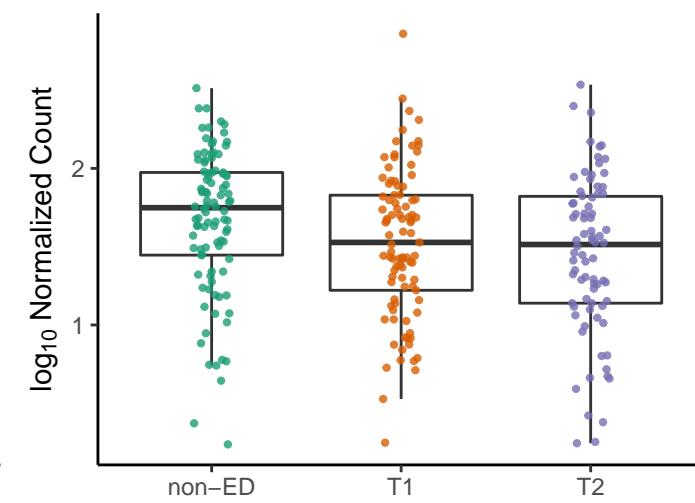
### *Cellulomonas* sp. Y8

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.86



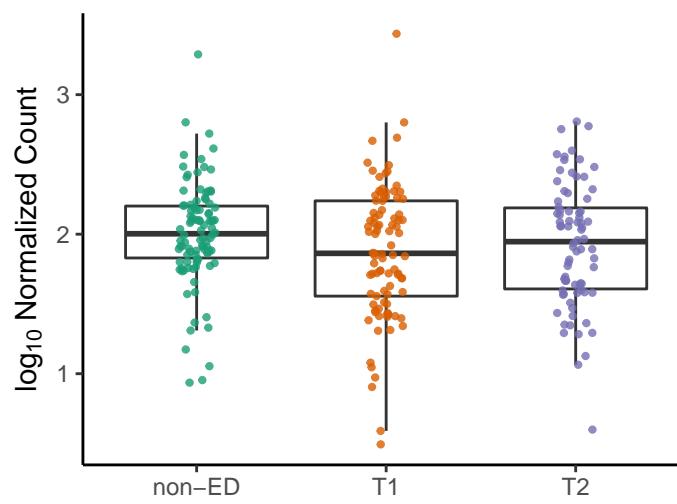
### *Polaribacter* sp. SA4-12

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.7



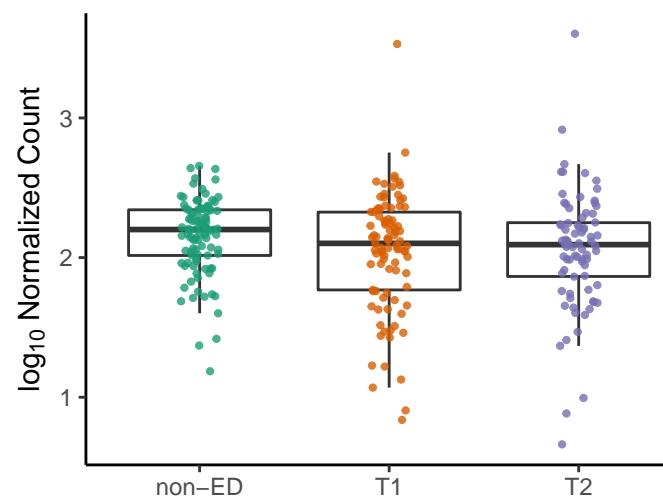
### *Streptomyces nitrosporeus*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.7



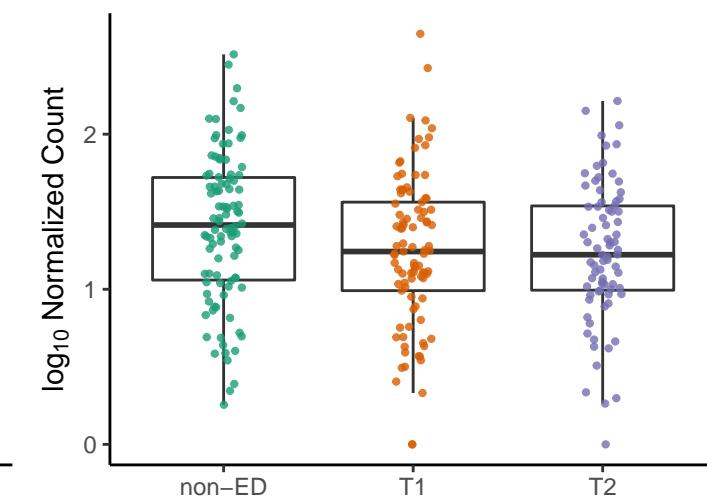
### *Haliscomenobacter hydrossis*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.92



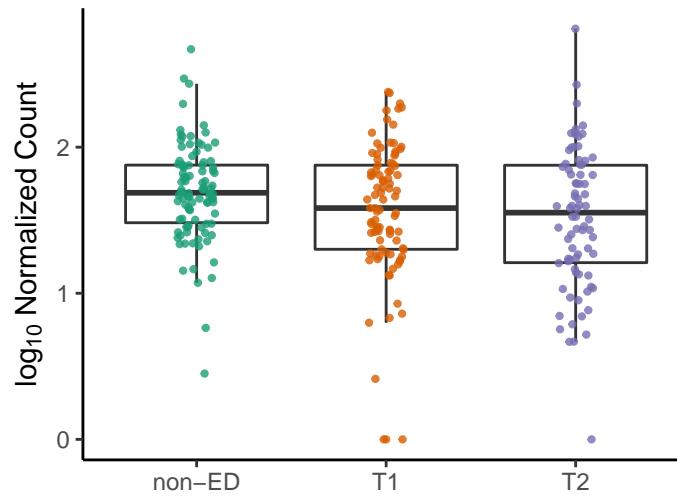
### *Rhodoluna lacicola*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 1



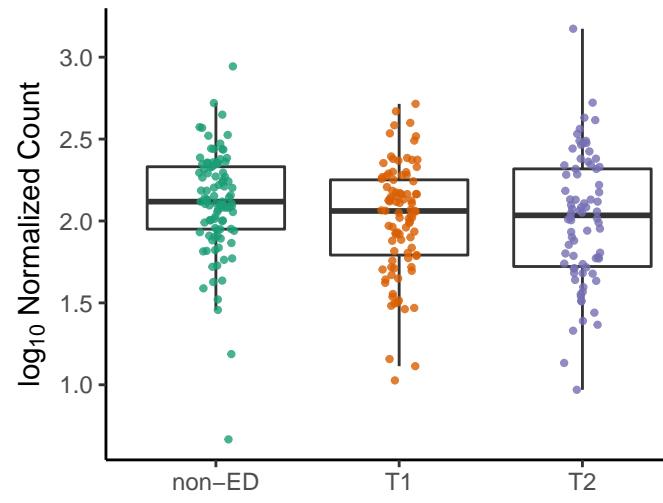
### *Croceicoccus naphthovorans*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.92



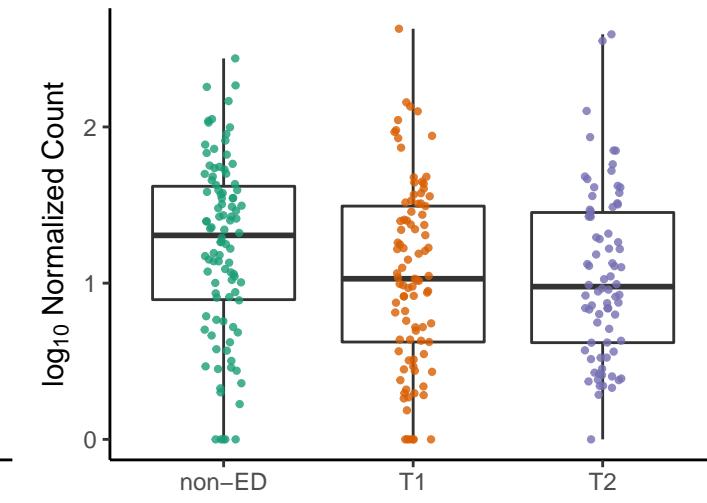
### *Zymoseptoria tritici*

non-ED vs. T1 adjusted p = 0.095  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.92



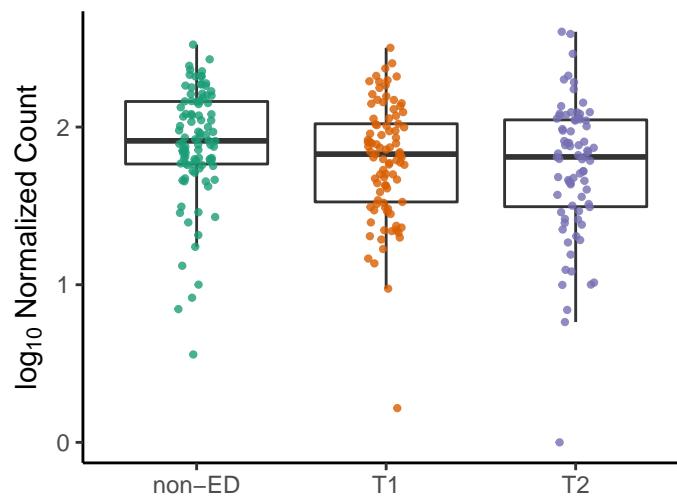
### *Arsenophonus endosymbiont of Aleurodi*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.91



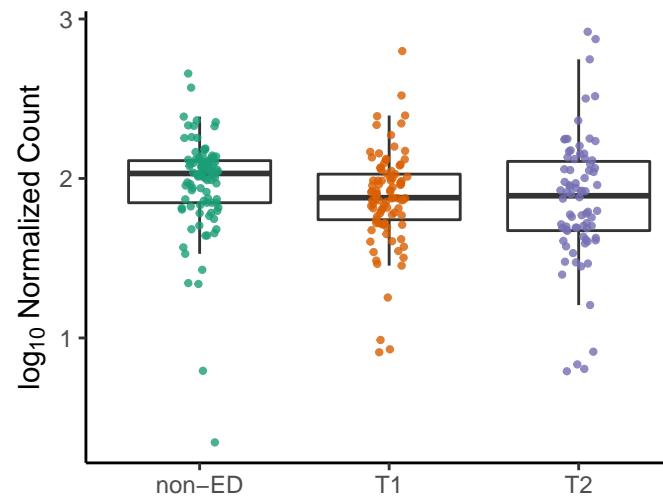
### *Listeria seeligeri*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.8



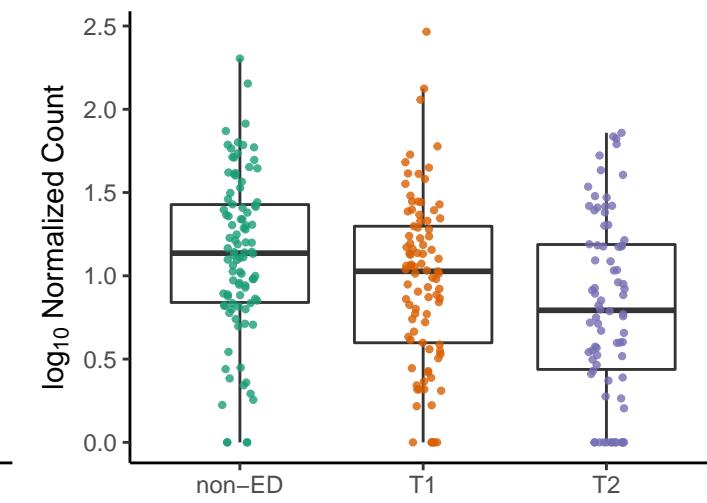
### *Chryseobacterium carnipullorum*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.86



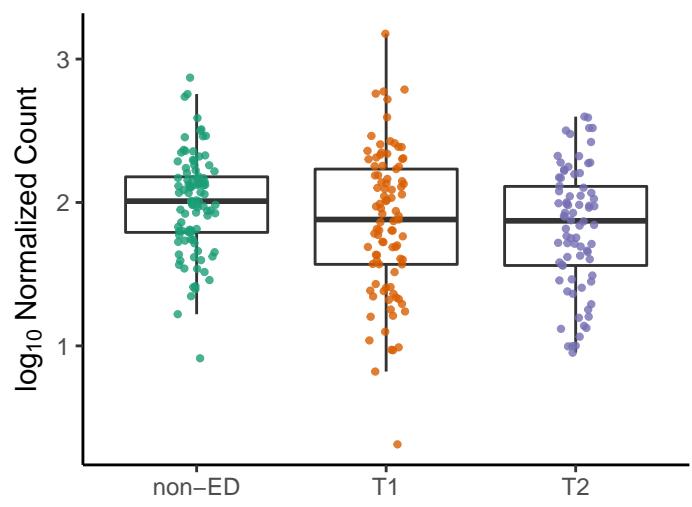
### *Candidatus Pelagibacter sp. RS39*

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



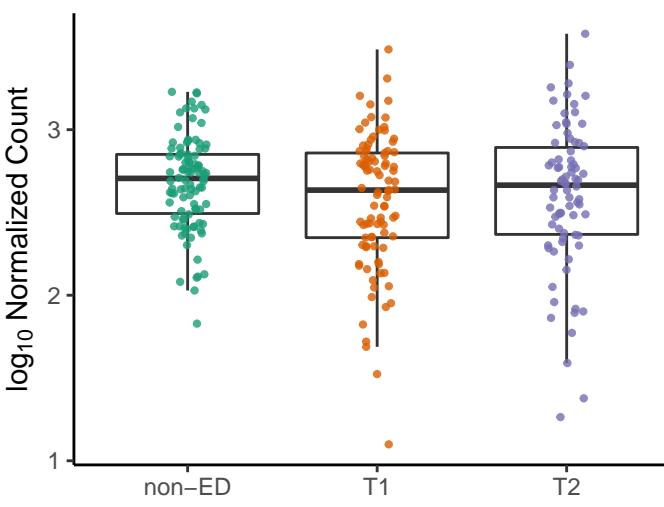
### *Nocardia otitidiscavarum*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



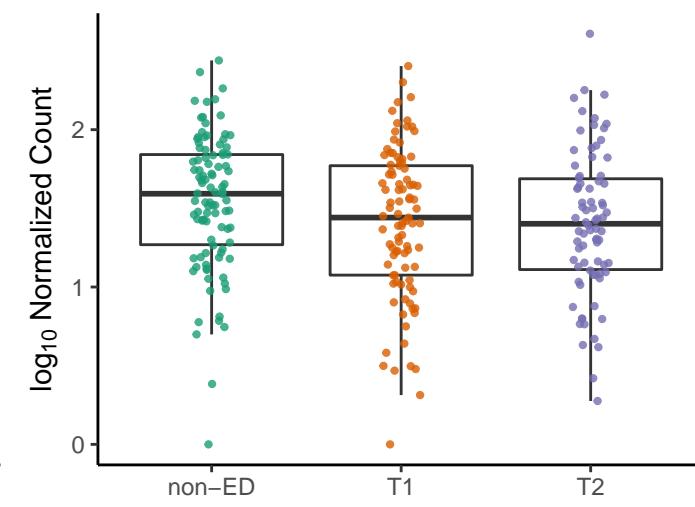
### Unclassified Cupriavidus Genus

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.73



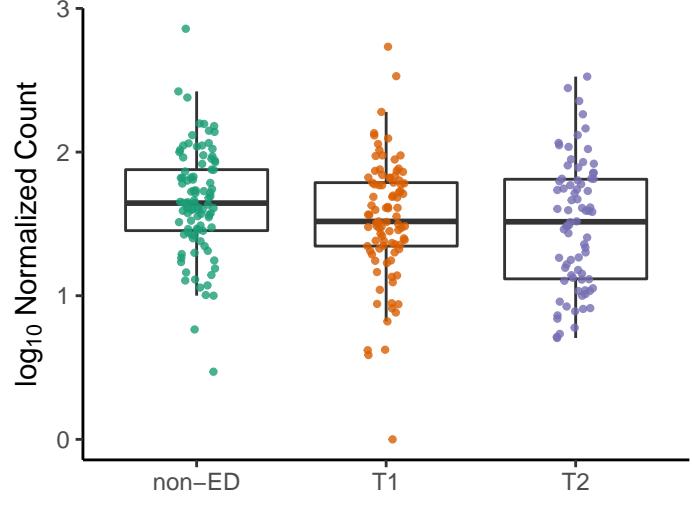
### *Janthinobacterium* sp. SNU WT3

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.91



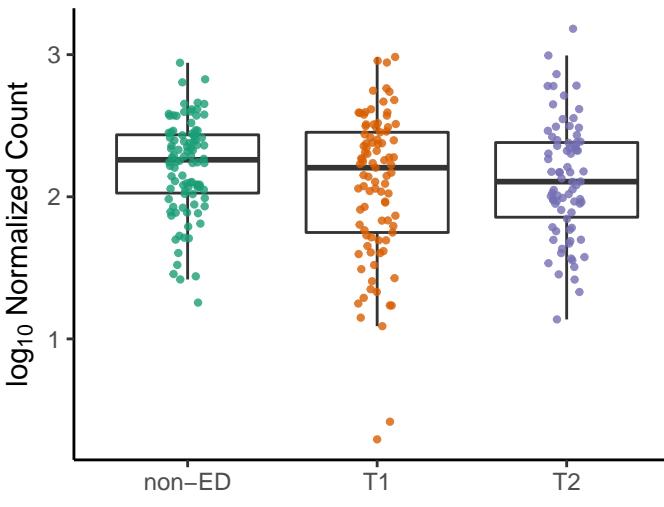
### *Dickeya dianthicola*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 1



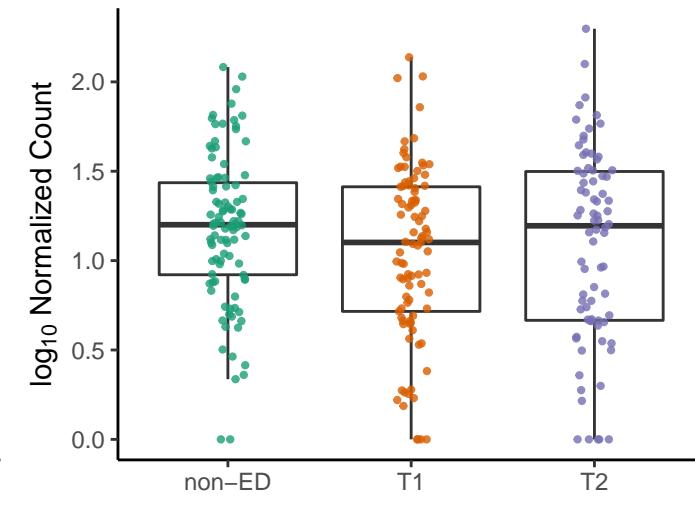
### *Cyanobium gracile*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.7



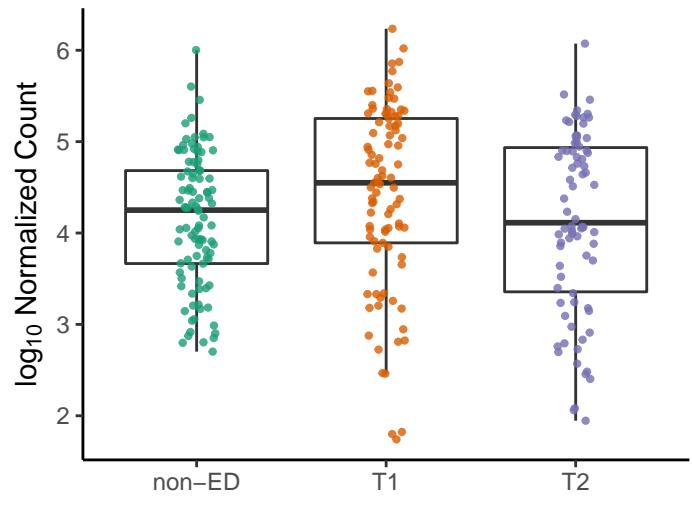
### *Aeromonas rivipollensis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.68



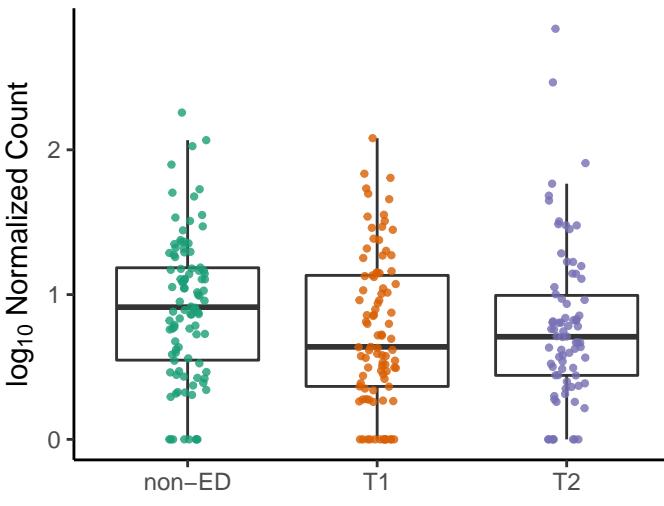
### Unclassified Parabacteroides Genus

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.93  
 T1 vs. T2 adjusted p = 0.037



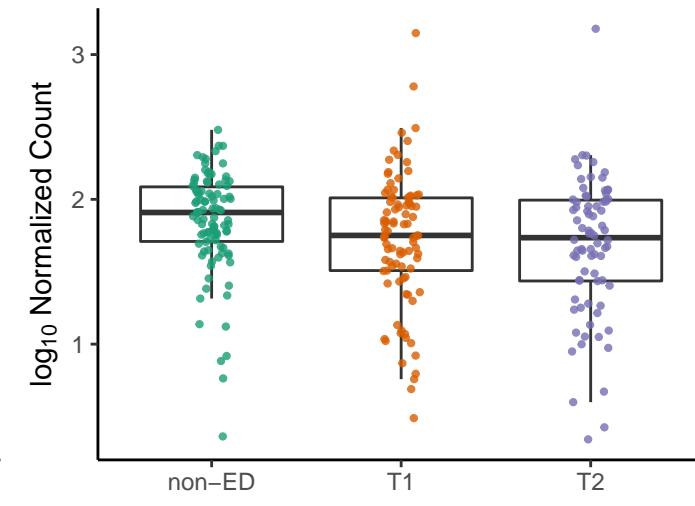
### *Gordonia alkanivorans*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.97



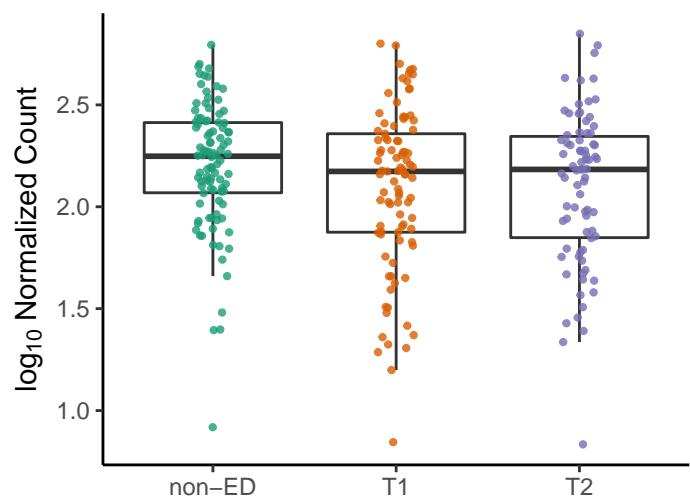
### *Flavobacterium pallidum*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.84



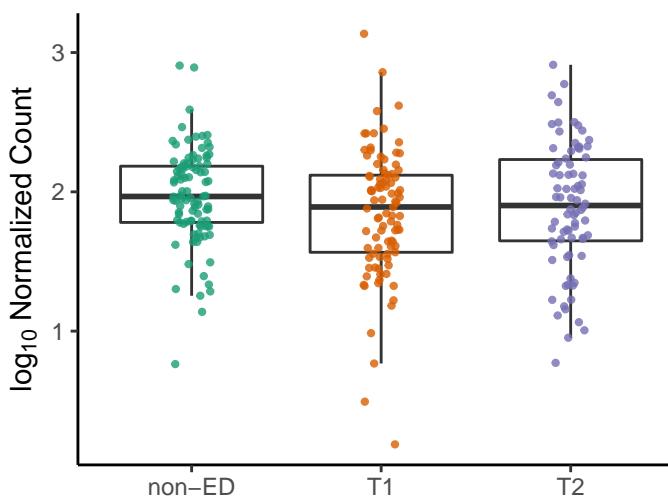
### *Anaerohalosphaera lusitana*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.88



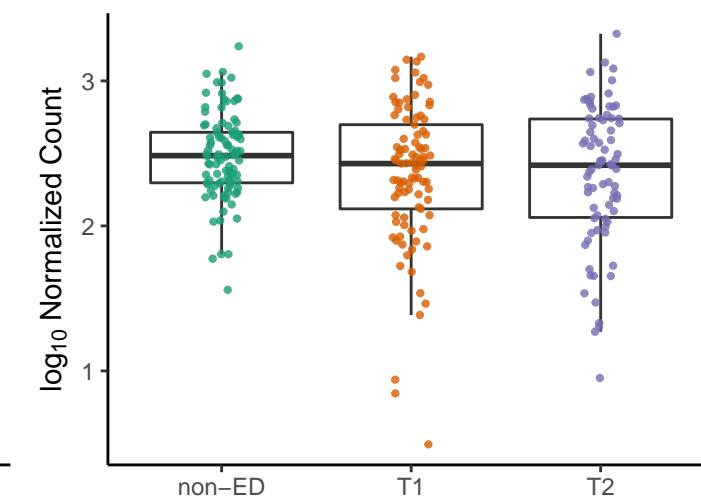
### *Corynebacterium glyciniphilum*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.67



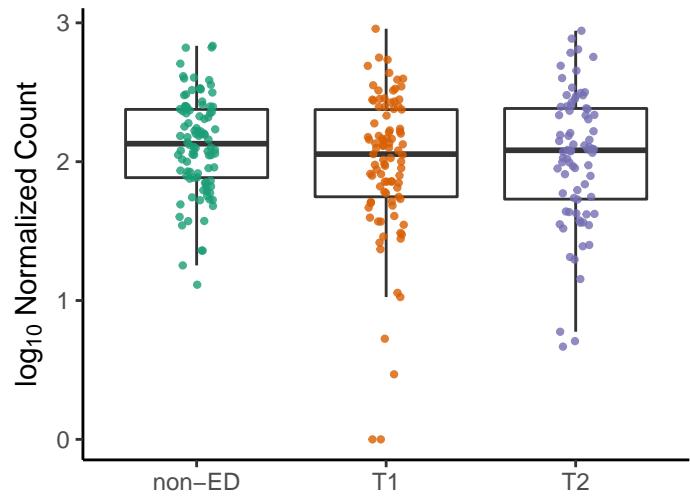
### *Pseudodesulfobivrio indicus*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.91



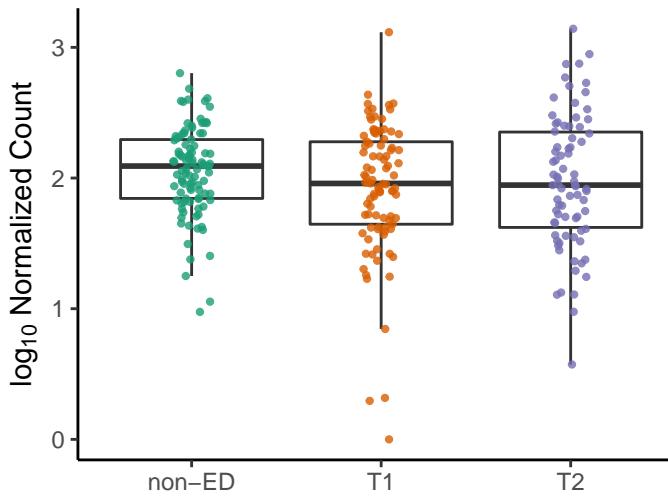
### *Streptomyces xinghaiensis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.67



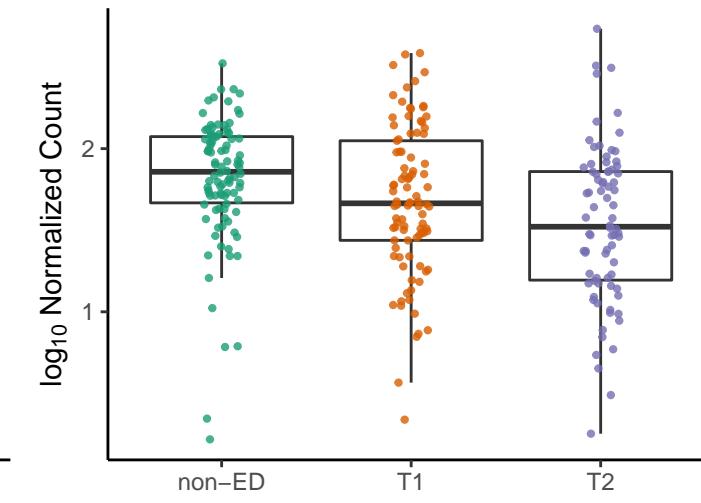
### *Bradyrhizobium sp. ORS 278*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.68



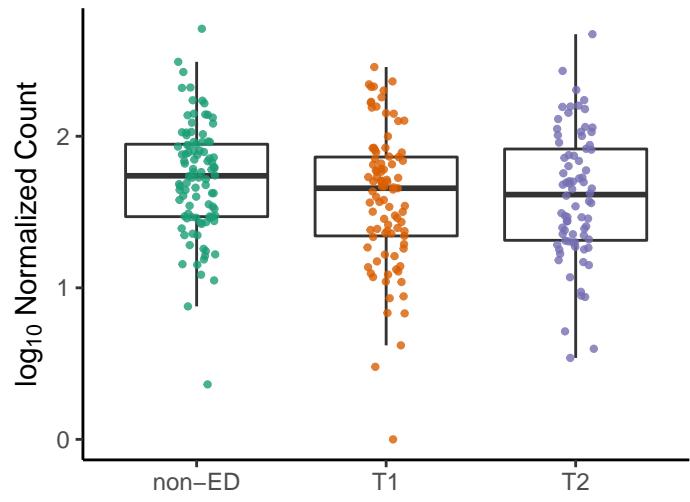
### *Flavobacteriaceae bacterium UJ101*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.0017  
 T1 vs. T2 adjusted p = 0.48



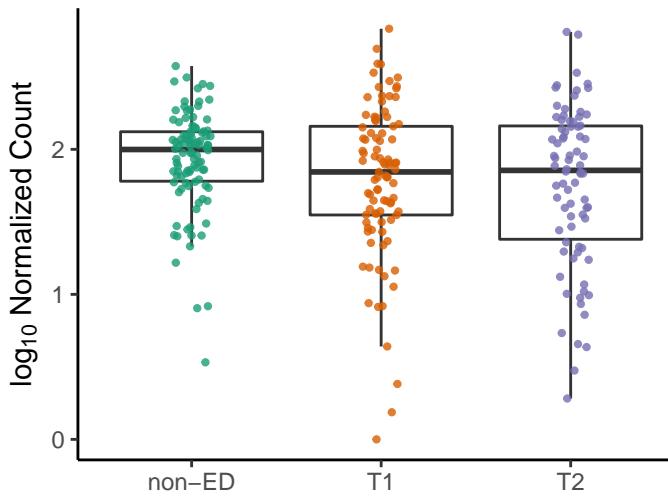
### *Pseudoalteromonas sp. R3*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.79



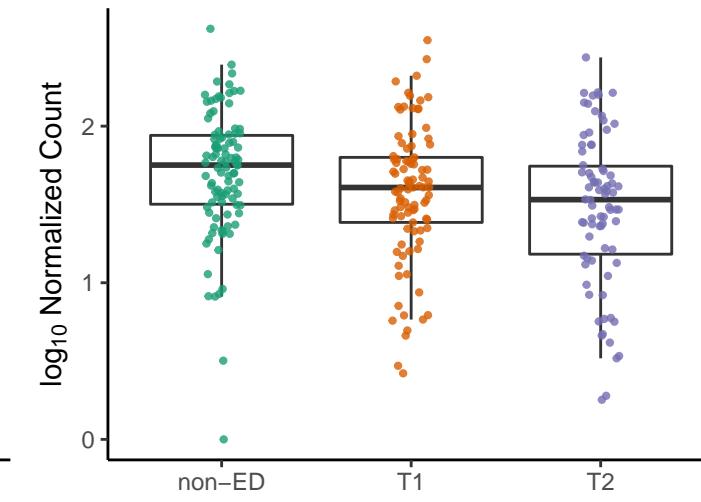
### *Pseudolabrys taiwanensis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.96

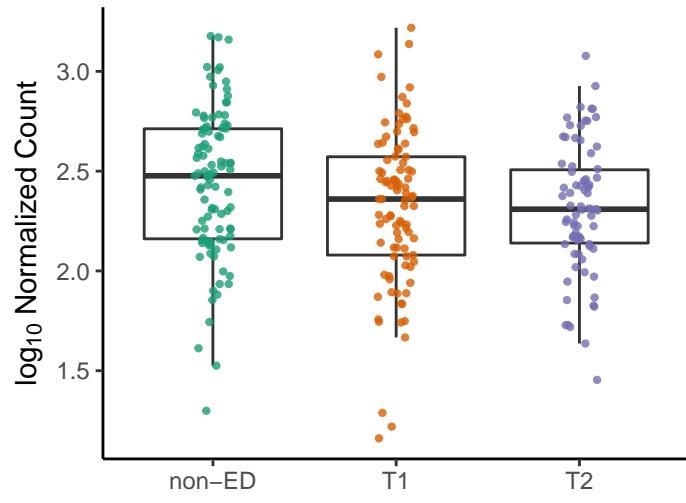


### *Unclassified Mesoflavibacter Genus*

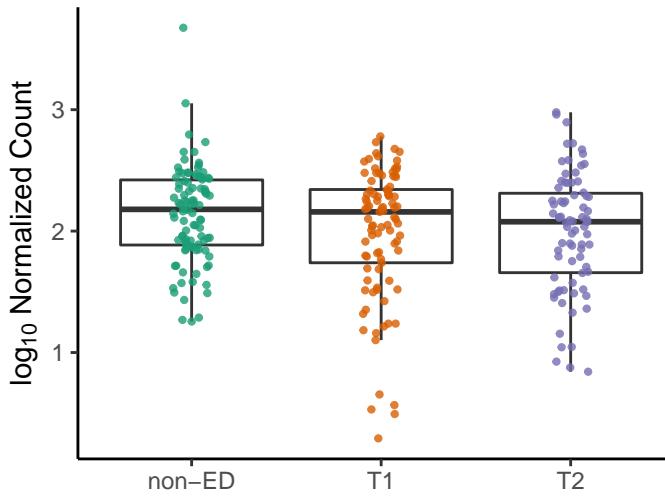
non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.63



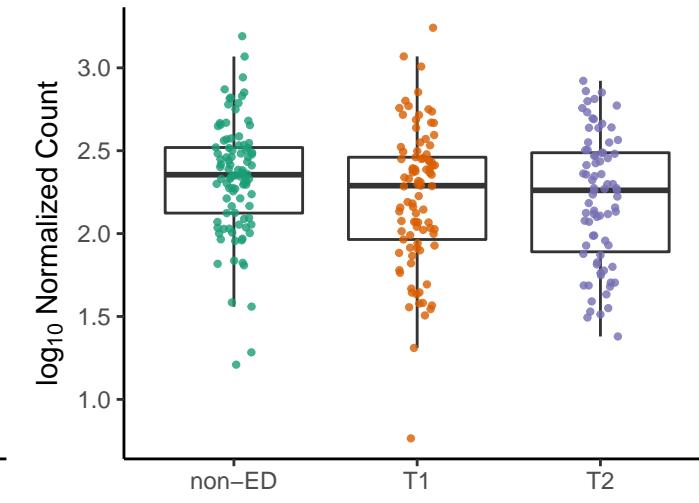
*Corynebacterium* sp. NML98–0116  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.92



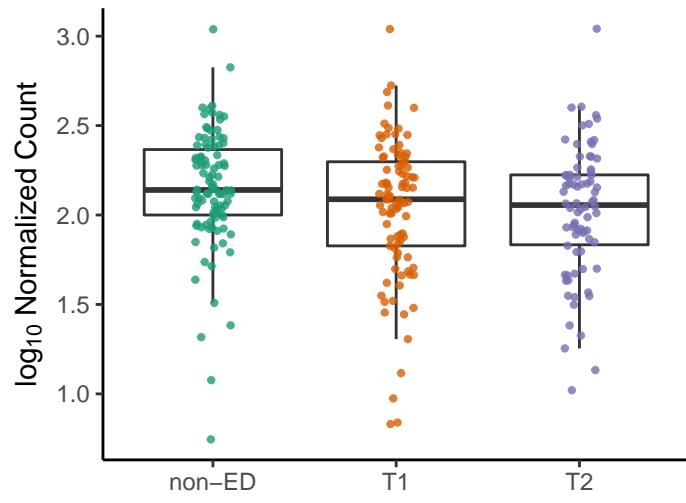
*Streptomyces olivoreticuli*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.95



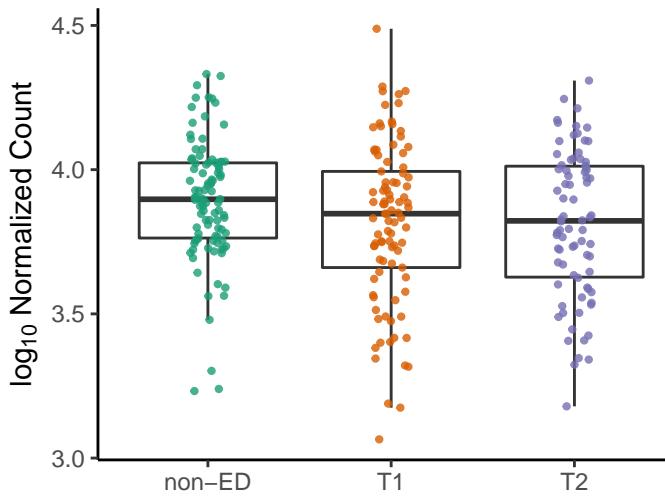
*Ensifer adhaerens*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.88



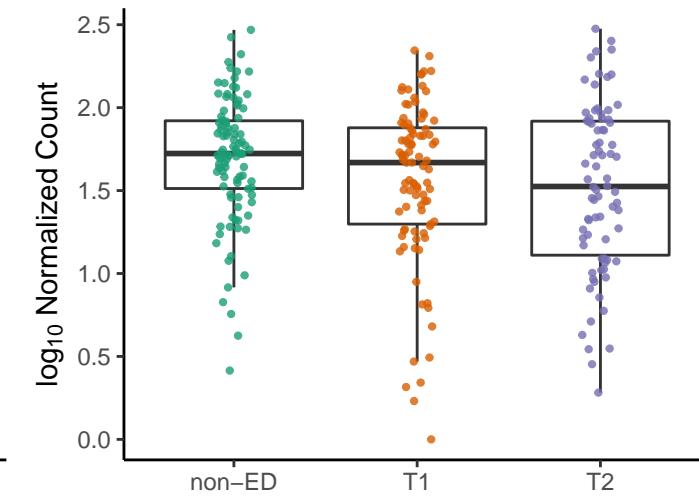
*Empedobacter brevis*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.98



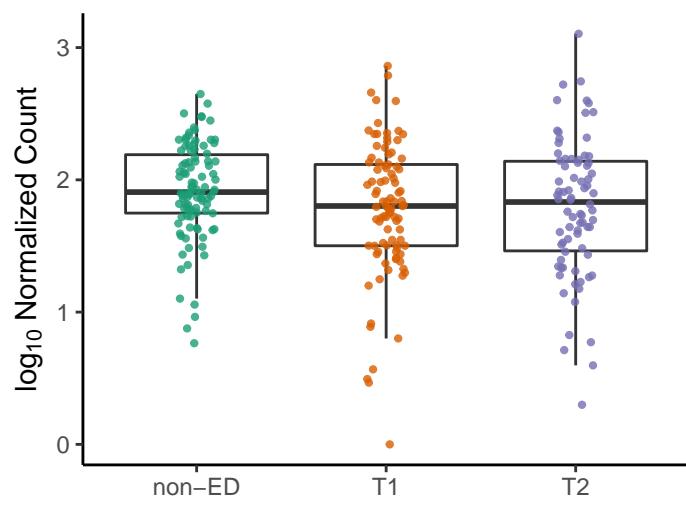
*Unclassified Gammaproteobacteria Cla*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.79



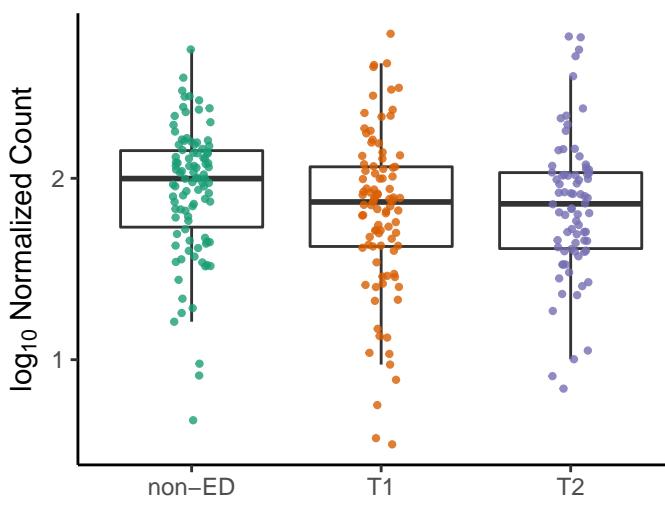
*Halobellus limi*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.93



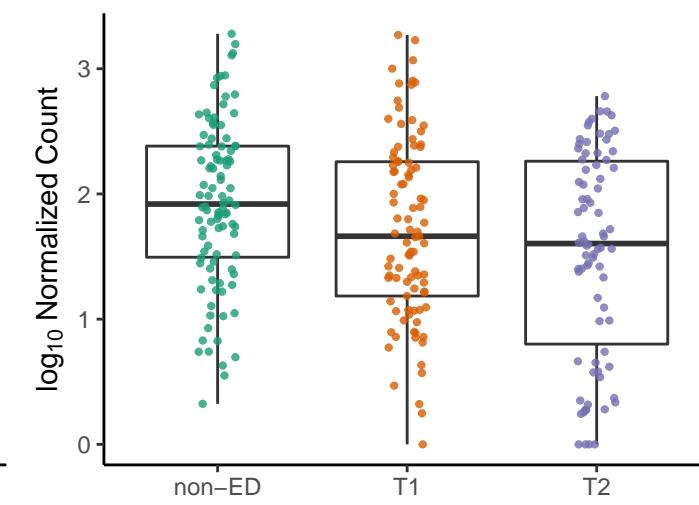
*Streptomyces anulatus*  
non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.88



*Sporosarcina* sp. PTS2304  
non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.84

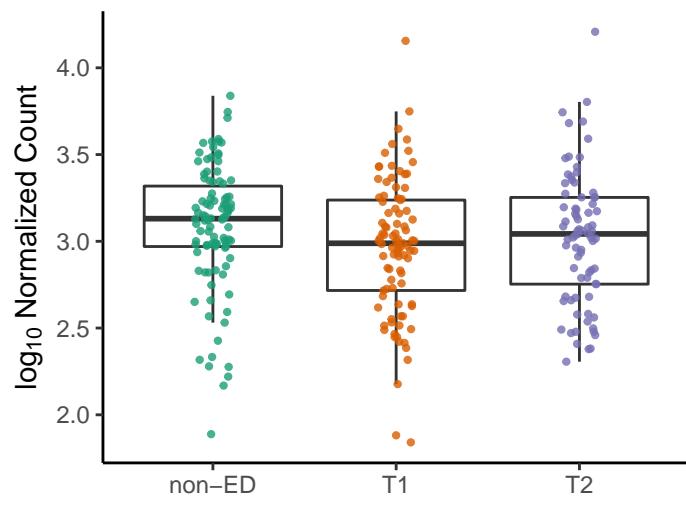


*Unclassified Romboutsia Genus*  
non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.61



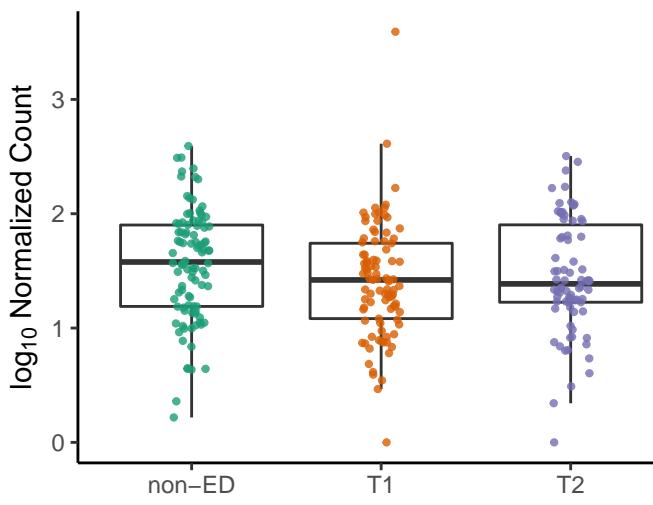
### [Clostridium] cellulosi

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.67



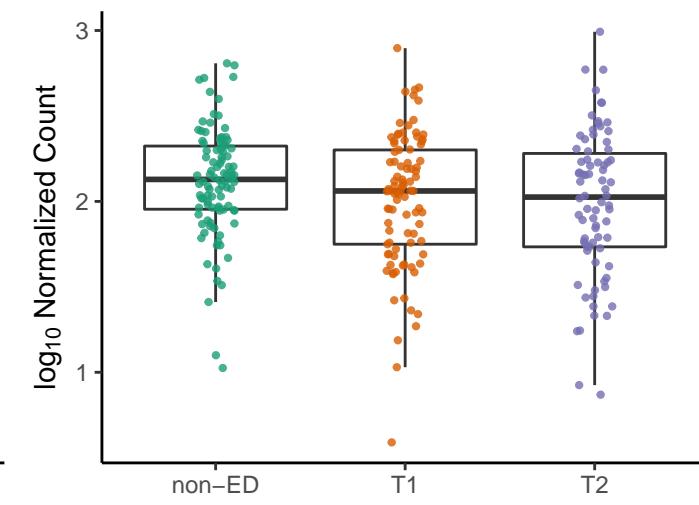
### Weissella paramesenteroides

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.92



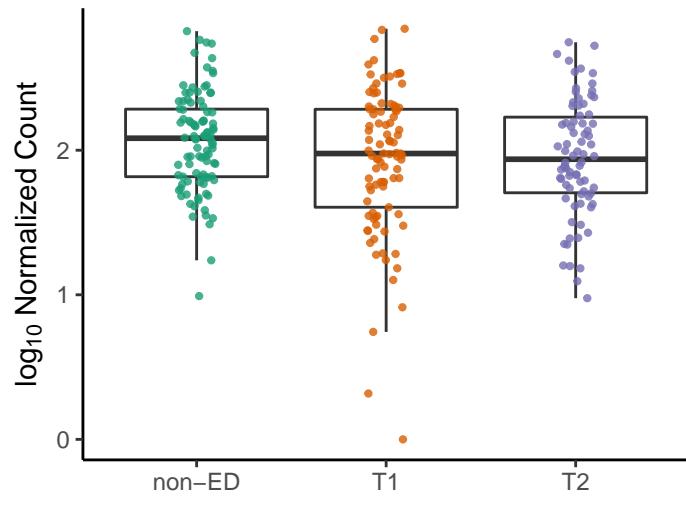
### Brevibacterium aurantiacum

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.94



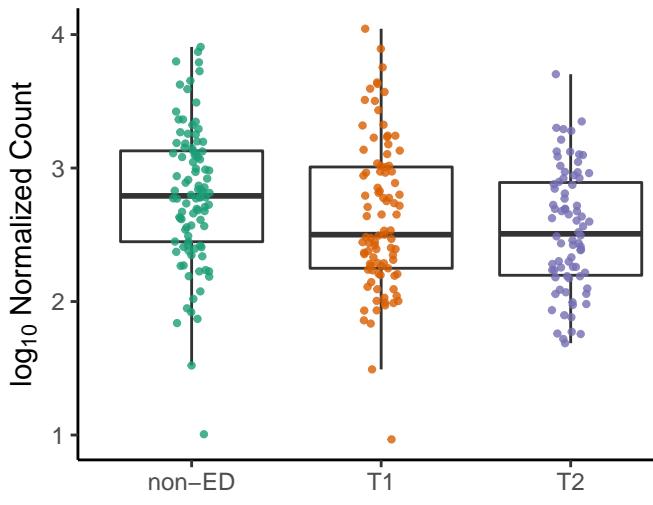
### Micromonospora auratinigra

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



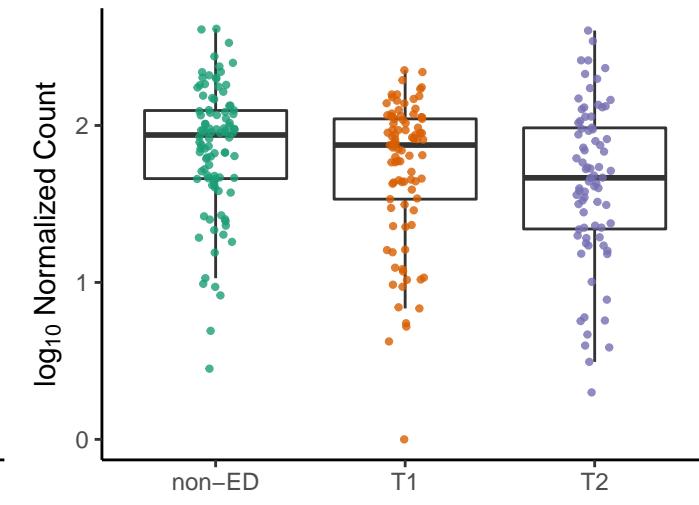
### Romboutsia sp. CE17

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



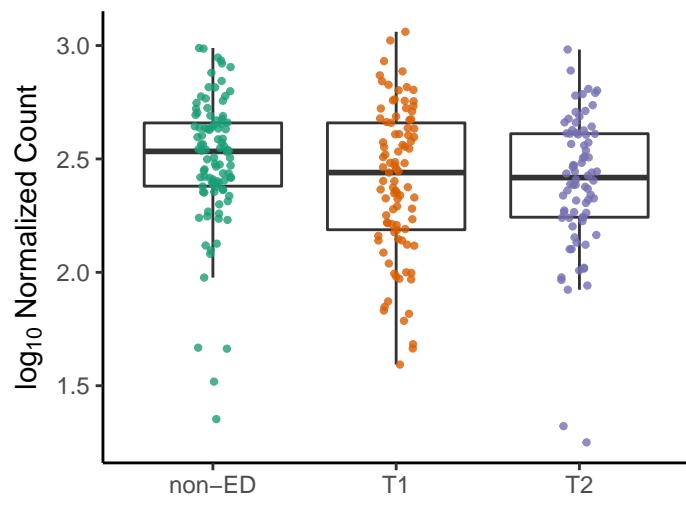
### Sphingorhabdus sp. M41

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



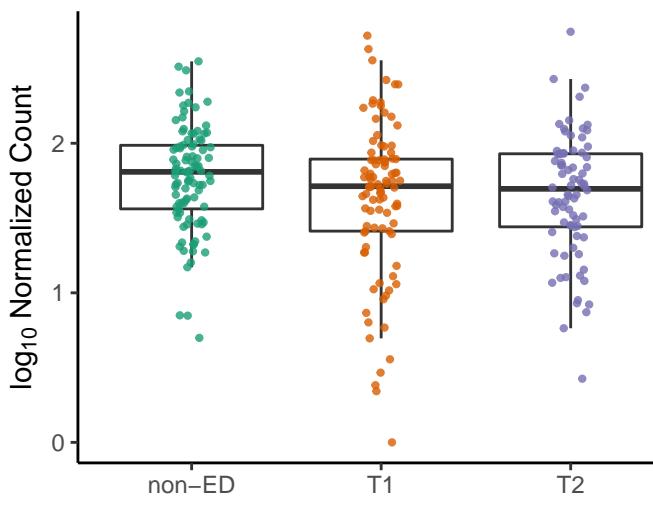
### Sporosarcina ureae

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.93



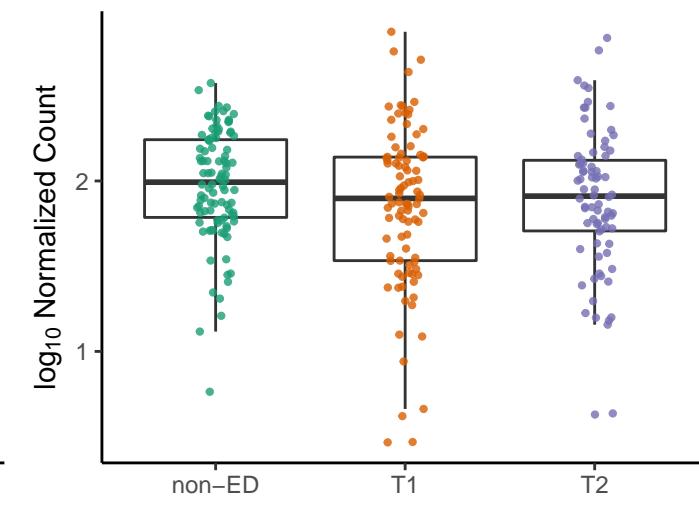
### Asaia bogorensis

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.93



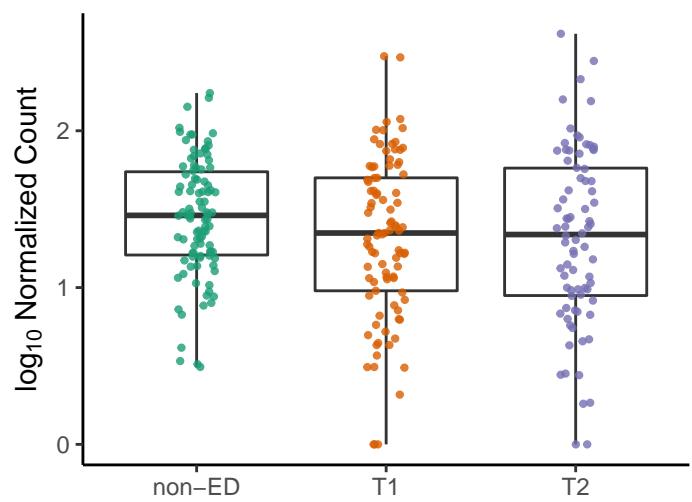
### Leisingera aquaemixtae

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.73



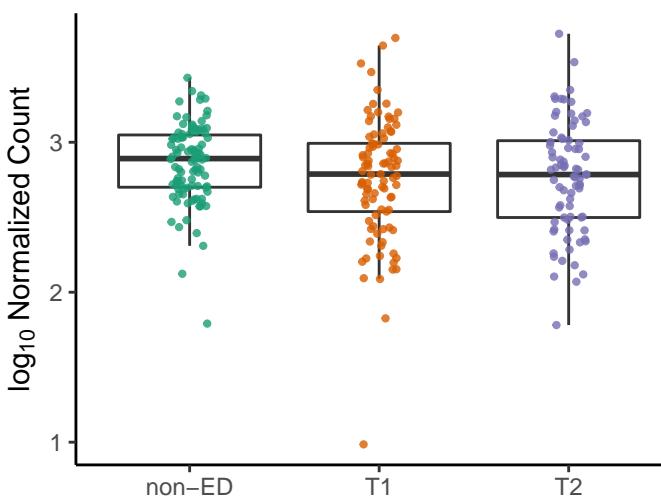
### *Mycobacterium seoulense*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.96



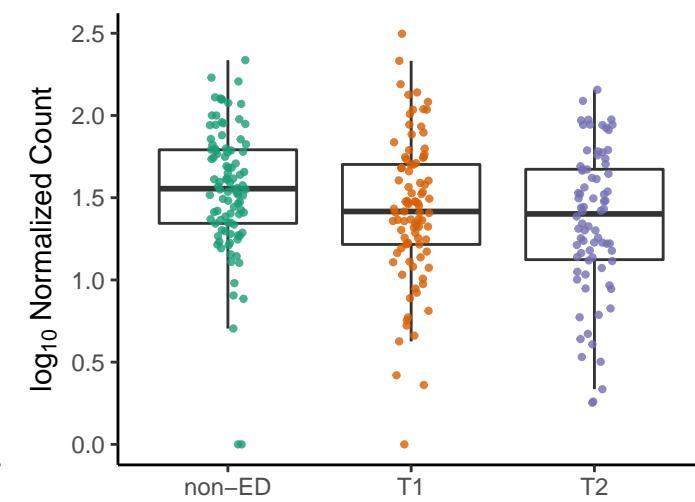
### *Rhodopseudomonas palustris*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.84



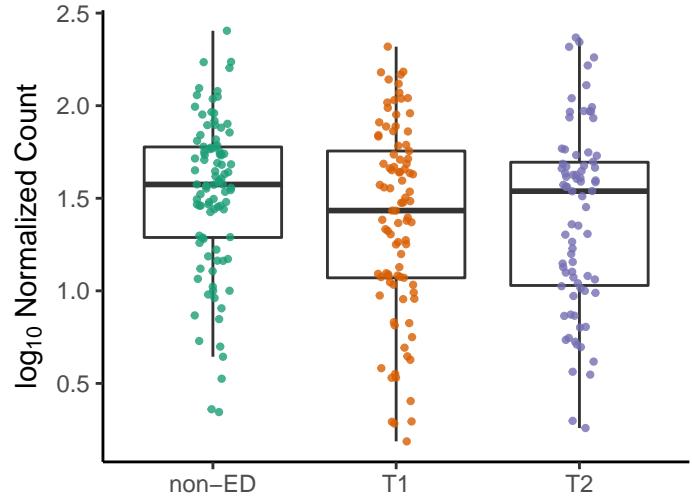
### *Winogradskyella* sp. RHA\_55

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.82



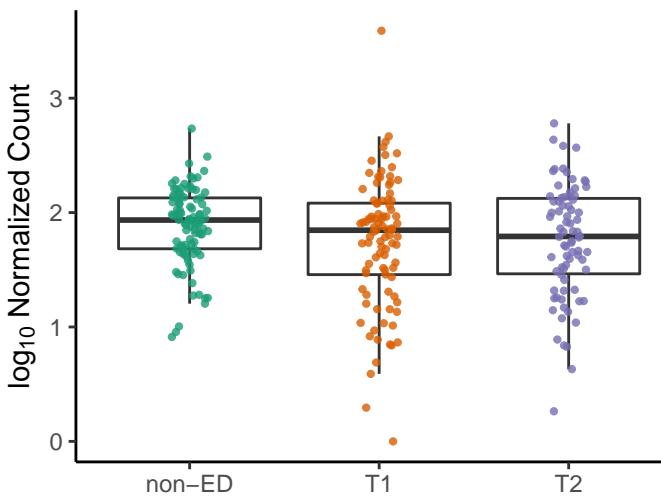
### *Erythrobacter* sp. YH-07

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.84



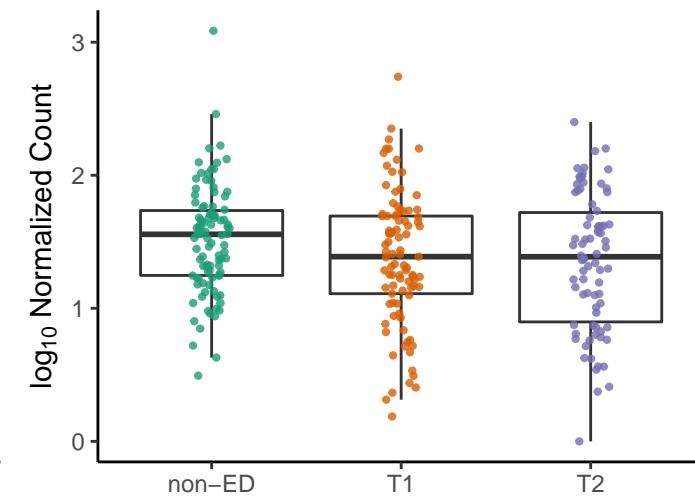
### *Pandoraea faecigallinarum*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.73



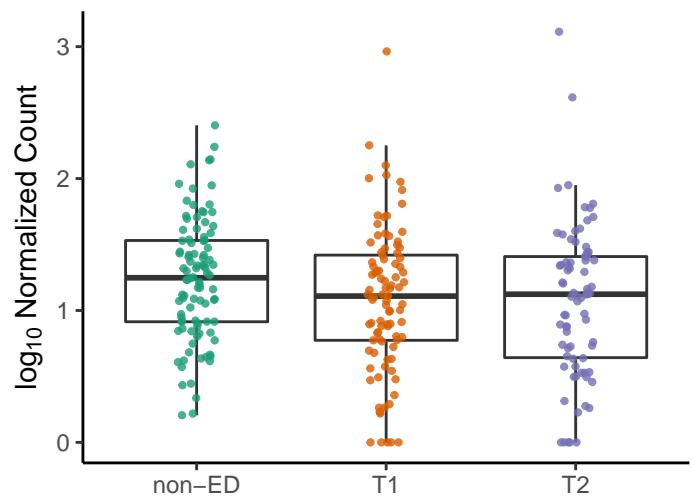
### *Pseudomonas* sp. S35

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.93



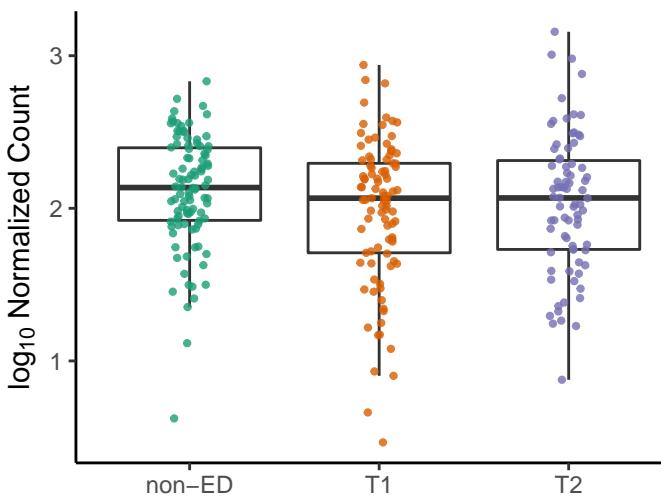
### *Thermococcus cleftensis*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.95



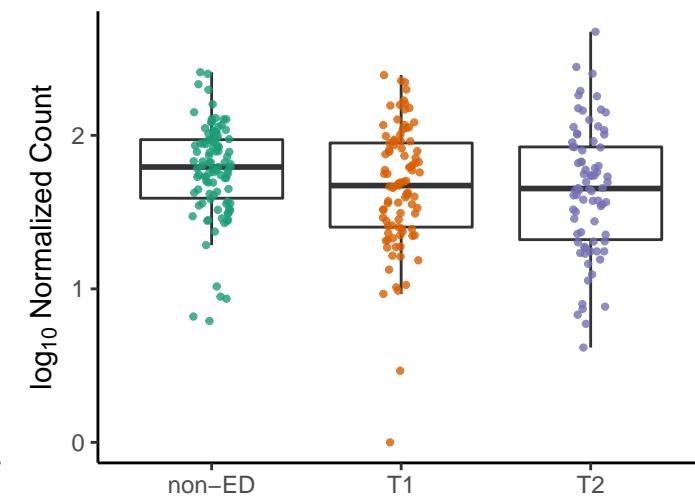
### *Streptomyces* sp. GS7

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.67



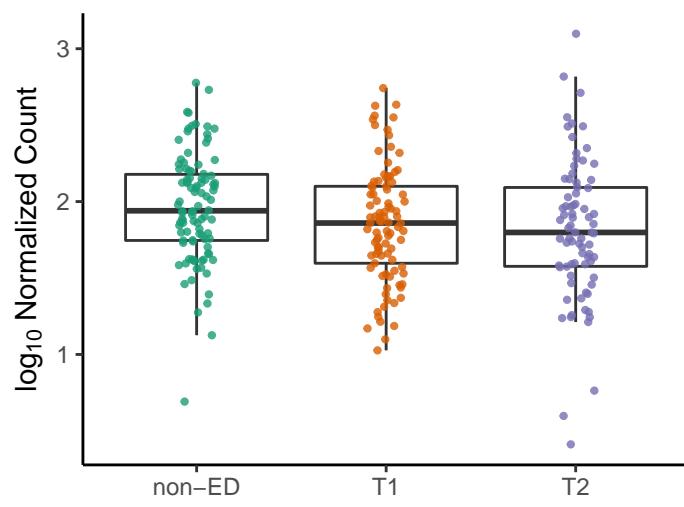
### *Burkholderia pyrrocinia*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.91



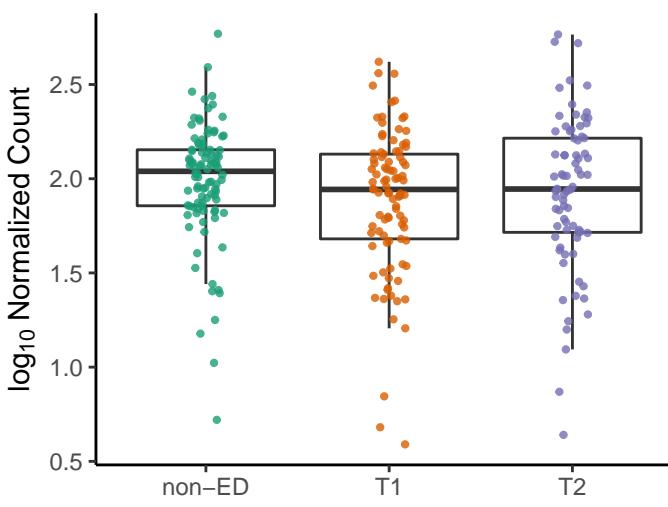
### *Pseudoalteromonas luteoviolacea*

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.9



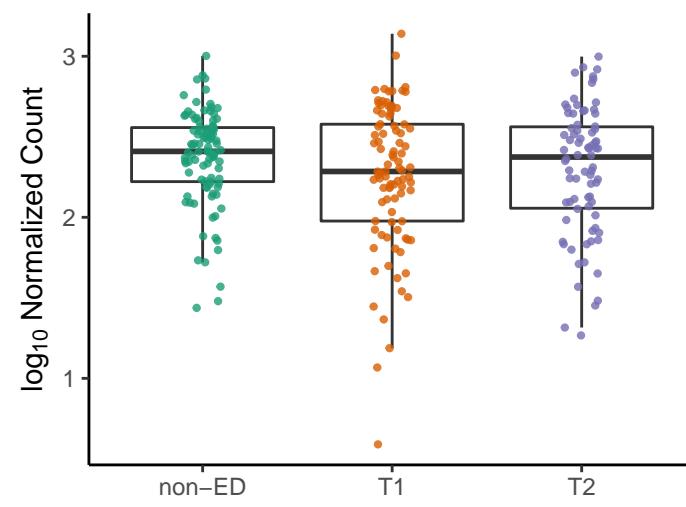
### *Paraburkholderia fungorum*

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.78



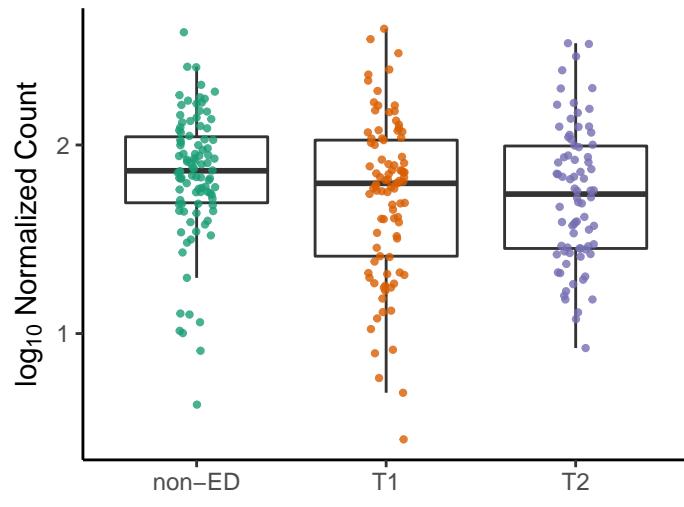
### *Cystobacter fuscus*

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.76



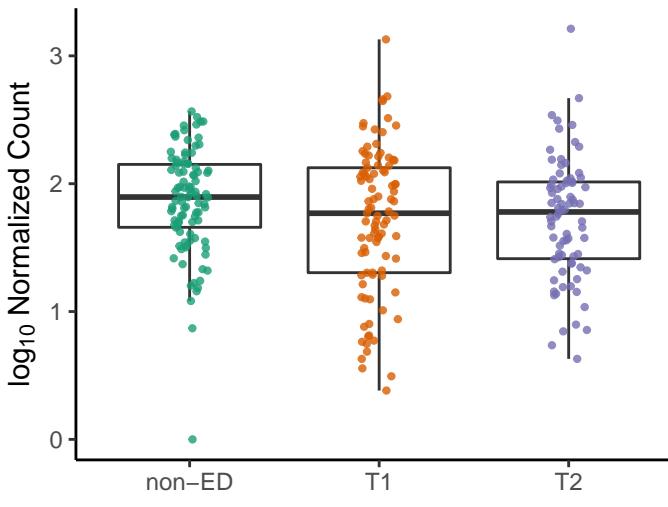
### *Mycolicibacterium chubuense*

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.89



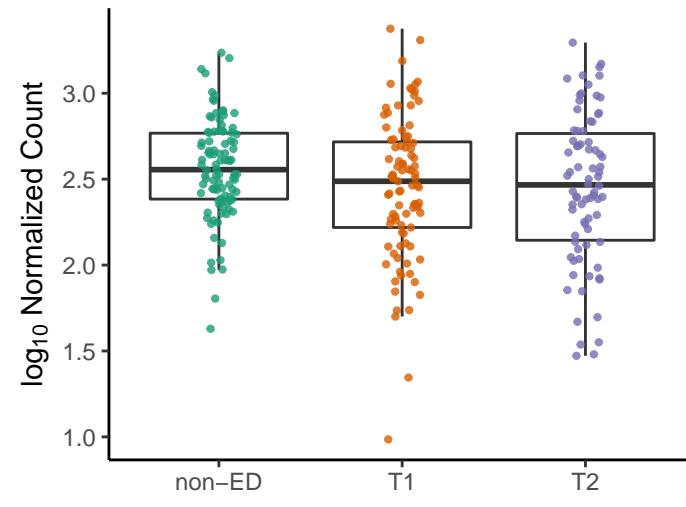
### Unclassified Kyripdia Genus

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.79



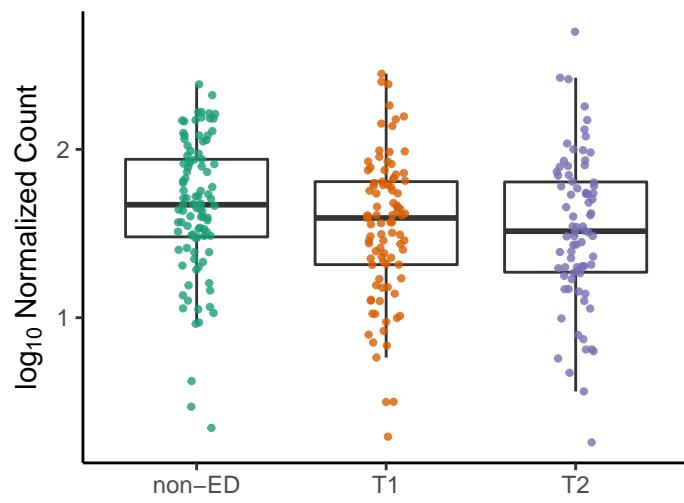
### *Rhodobacter sphaeroides*

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.84



### *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



### *Rhodospirillum rubrum*

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.85

