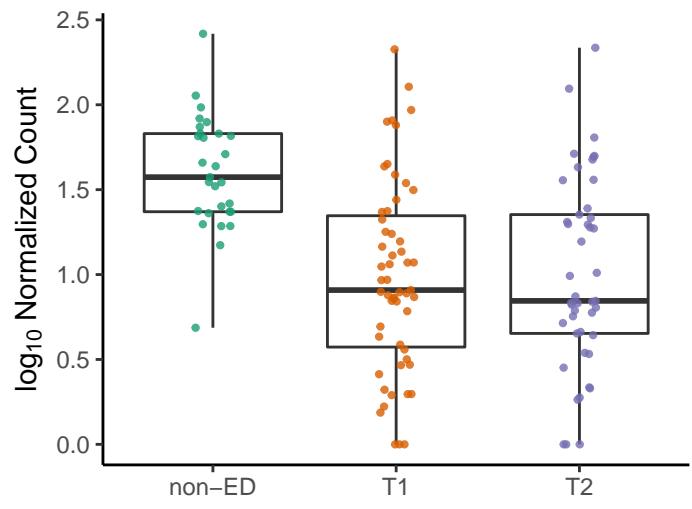
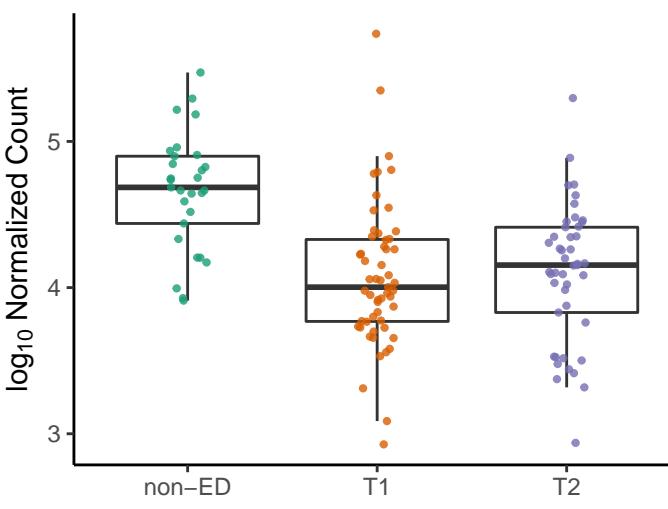


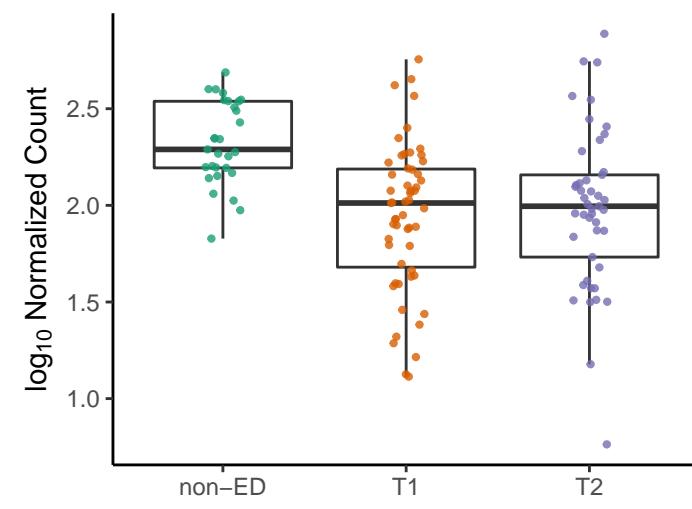
**Methanocaldococcus jannaschii**  
non-ED vs. T1 adjusted p = 9.2e-05  
non-ED vs. T2 adjusted p = 0.00028  
T1 vs. T2 adjusted p = 0.89



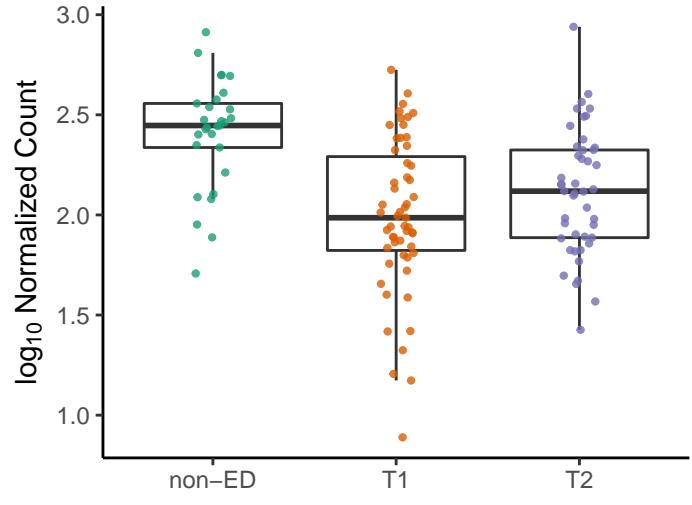
**Longibaculum sp. KGMB06250**  
non-ED vs. T1 adjusted p = 0.00028  
non-ED vs. T2 adjusted p = 4e-04  
T1 vs. T2 adjusted p = 0.97



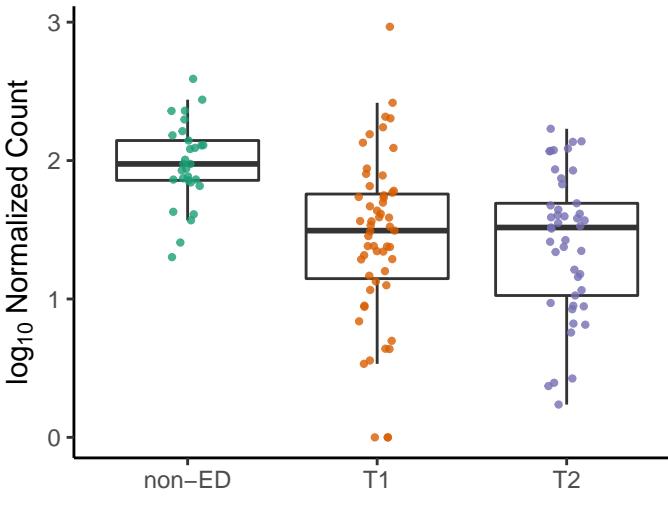
**Unclassified Psychrobacter Genus**  
non-ED vs. T1 adjusted p = 0.00028  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.85



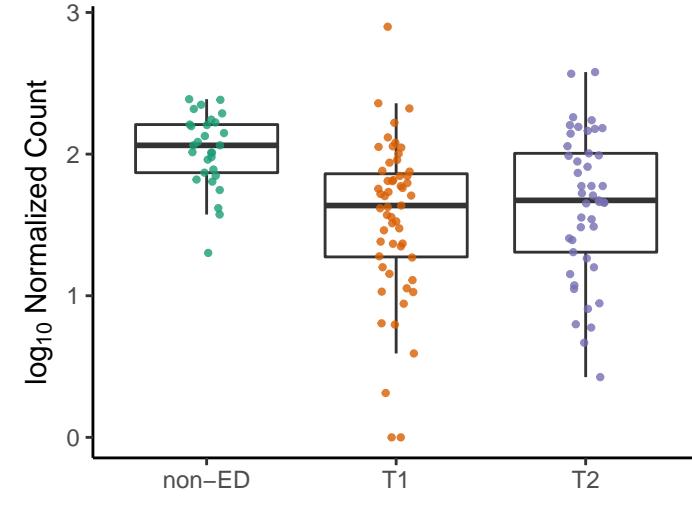
**Brevibacterium sp. YB235**  
non-ED vs. T1 adjusted p = 0.00045  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.75



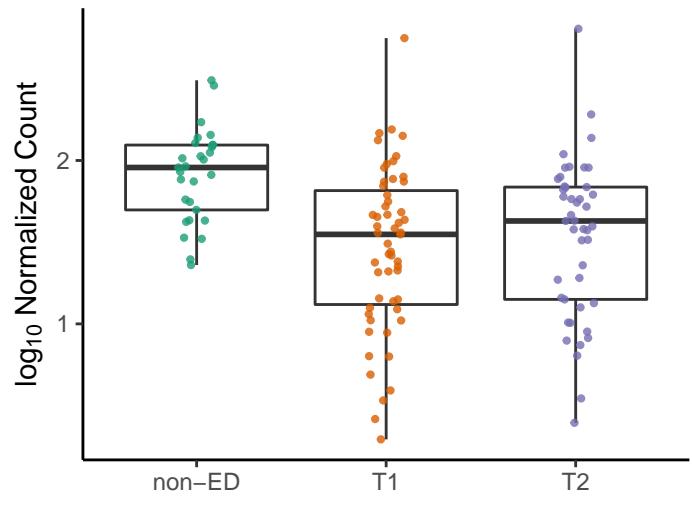
**Planctomycetes bacterium Poly24**  
non-ED vs. T1 adjusted p = 0.00045  
non-ED vs. T2 adjusted p = 0.00018  
T1 vs. T2 adjusted p = 0.98



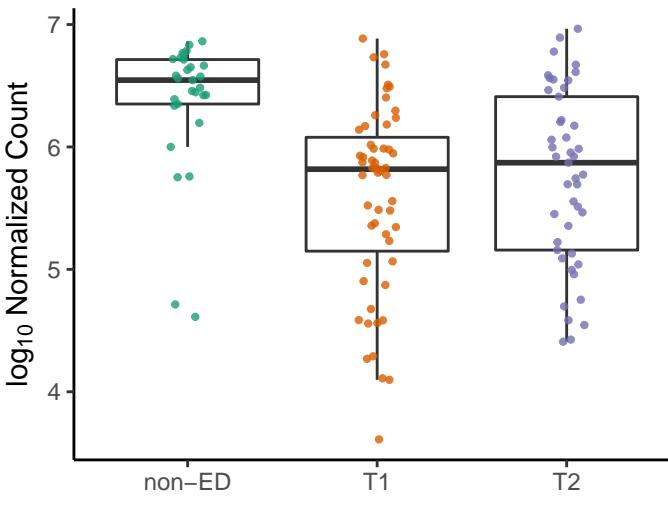
**Planctomycetes bacterium Pan189**  
non-ED vs. T1 adjusted p = 0.00056  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.85



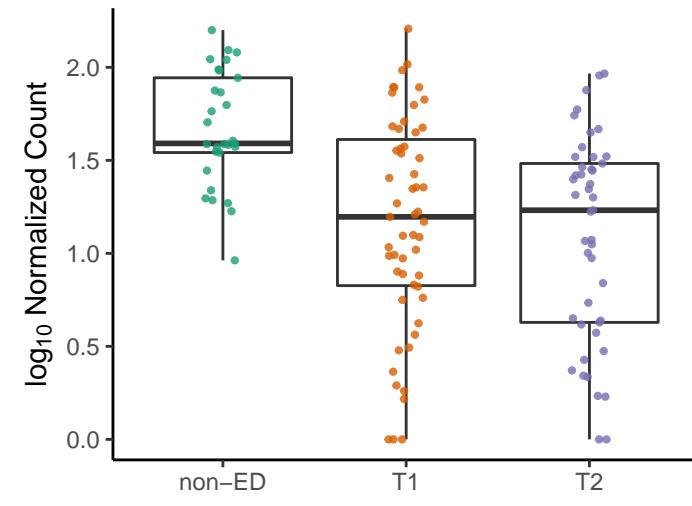
**Corynebacterium mustelae**  
non-ED vs. T1 adjusted p = 0.00068  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.85



**Faecalibacterium prausnitzii**  
non-ED vs. T1 adjusted p = 0.00068  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.84



**Pseudomonas sp. Z003–0.4C(8344–21)**  
non-ED vs. T1 adjusted p = 0.00068  
non-ED vs. T2 adjusted p = 0.00028  
T1 vs. T2 adjusted p = 0.87

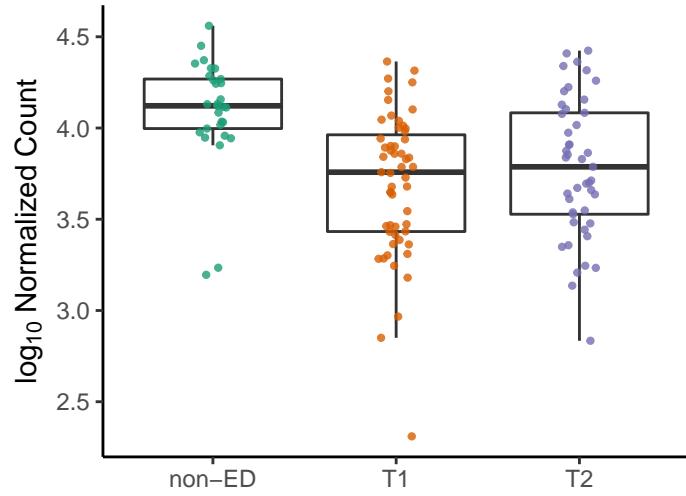


### Unclassified Ruminococcaceae Family

non-ED vs. T1 adjusted p = 0.00068

non-ED vs. T2 adjusted p = 0.0035

T1 vs. T2 adjusted p = 0.85

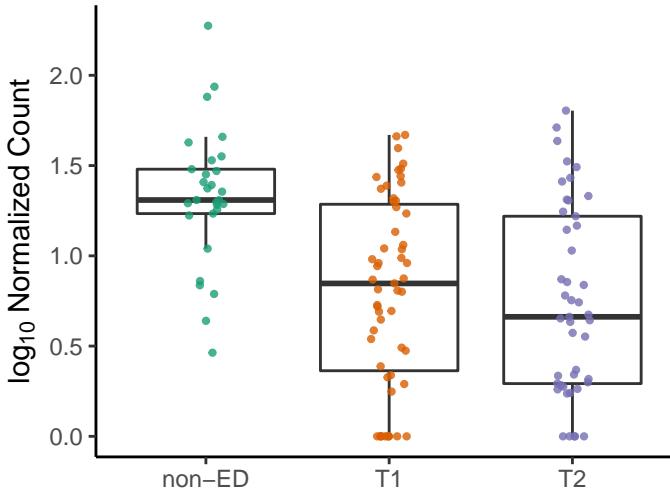


### Candidatus Nesciobacter abundans

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

non-ED vs. T2 adjusted p = 0.00039

T1 vs. T2 adjusted p = 0.92

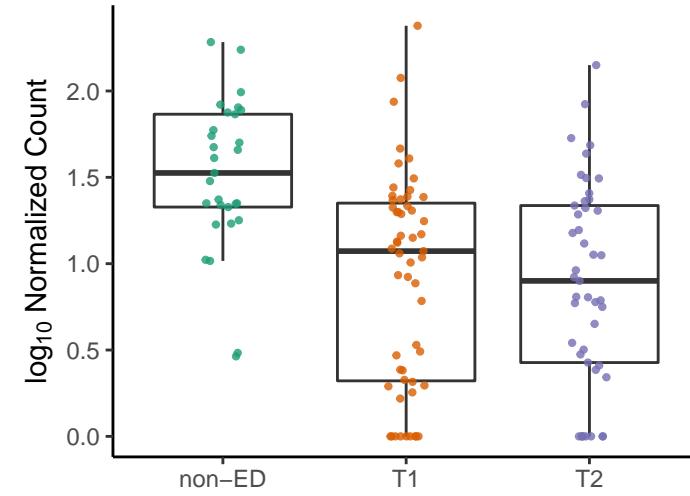


### Rathayibacter sp. VKM Ac-2805

non-ED vs. T1 adjusted p = 0.00076

non-ED vs. T2 adjusted p = 0.00067

T1 vs. T2 adjusted p = 0.96

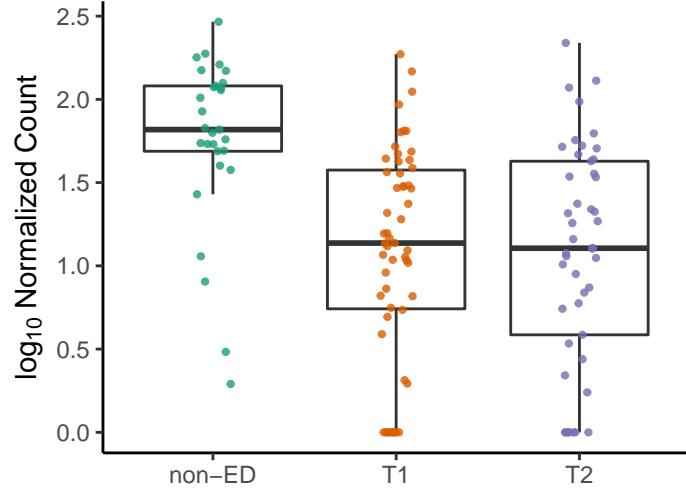


### Blattabacterium clevelandi

non-ED vs. T1 adjusted p = 0.00078

non-ED vs. T2 adjusted p = 0.0014

T1 vs. T2 adjusted p = 0.97

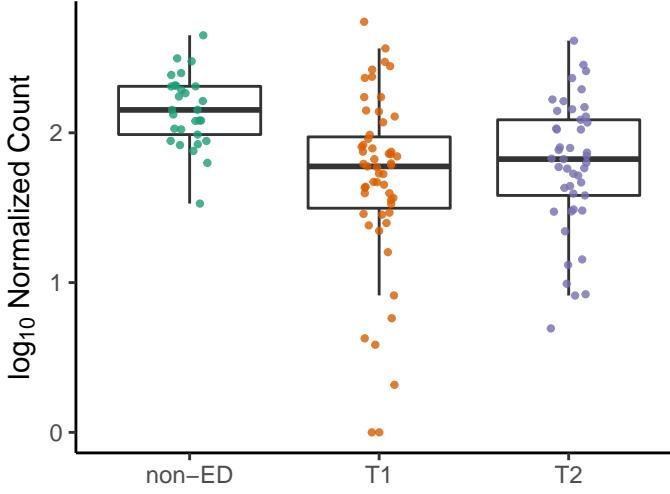


### Variovorax sp. WDL1

non-ED vs. T1 adjusted p = 0.00078

non-ED vs. T2 adjusted p = 0.002

T1 vs. T2 adjusted p = 0.85

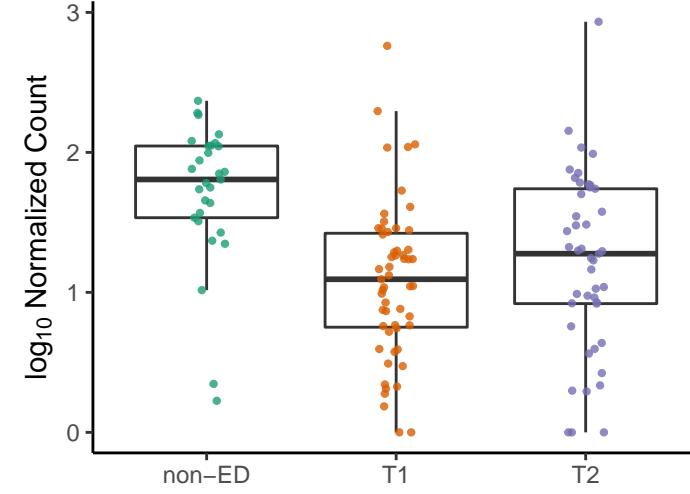


### Unclassified Veillonellaceae Family

non-ED vs. T1 adjusted p = 0.00083

non-ED vs. T2 adjusted p = 0.0055

T1 vs. T2 adjusted p = 0.85

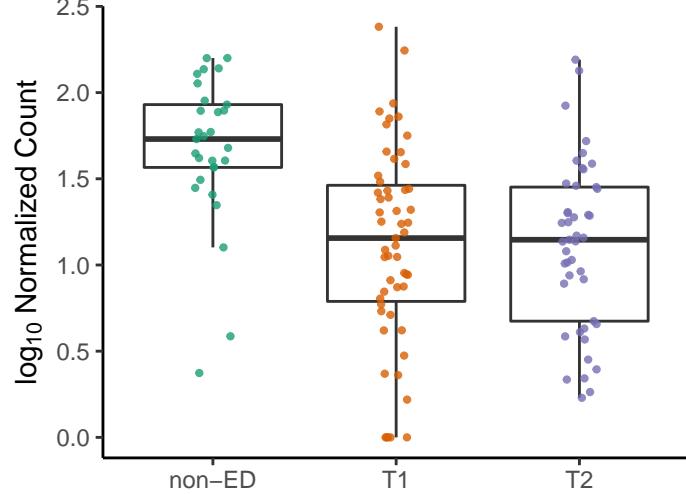


### Candidatus Rickettsiella viridis

non-ED vs. T1 adjusted p = 0.0011

non-ED vs. T2 adjusted p = 0.00081

T1 vs. T2 adjusted p = 0.91

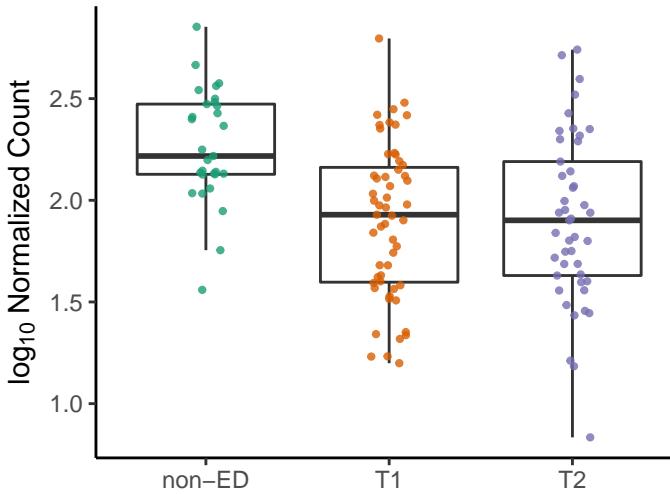


### Flavisolibacter ginsenosidimutans

non-ED vs. T1 adjusted p = 0.0011

non-ED vs. T2 adjusted p = 0.0021

T1 vs. T2 adjusted p = 0.93

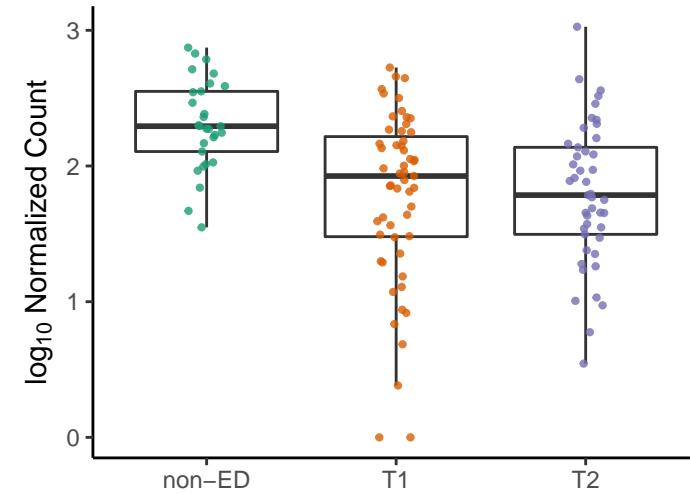


### Pseudorhodoplanes sinuspersici

non-ED vs. T1 adjusted p = 0.0011

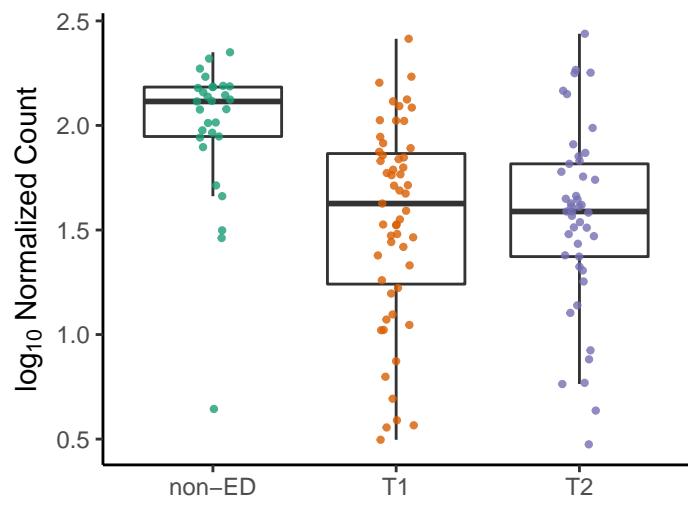
non-ED vs. T2 adjusted p = 0.00081

T1 vs. T2 adjusted p = 0.85



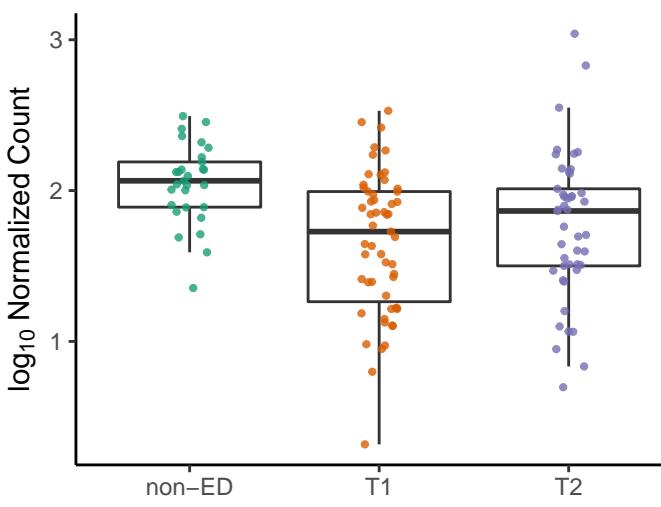
### *Candidatus Planktophila versatilis*

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.0018  
 T1 vs. T2 adjusted p = 0.87



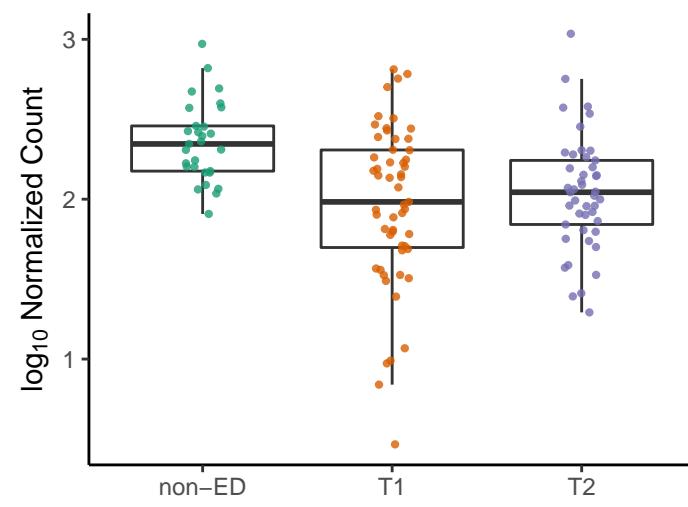
### *Pantoea sp. SO10*

non-ED vs. T1 adjusted p = 0.0011  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



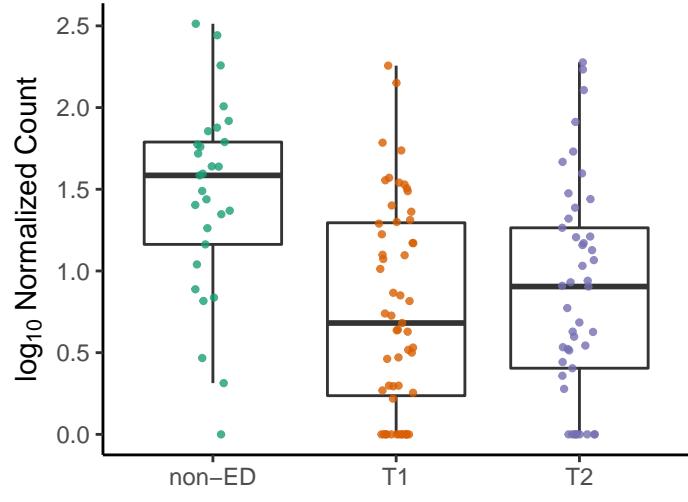
### *Acidipropionibacterium acidipropionicum*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.85



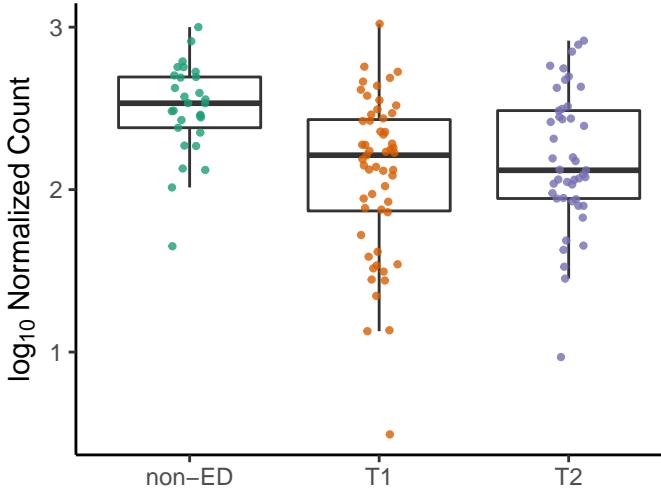
### *Burkholderia sp. MSMB1588*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.85



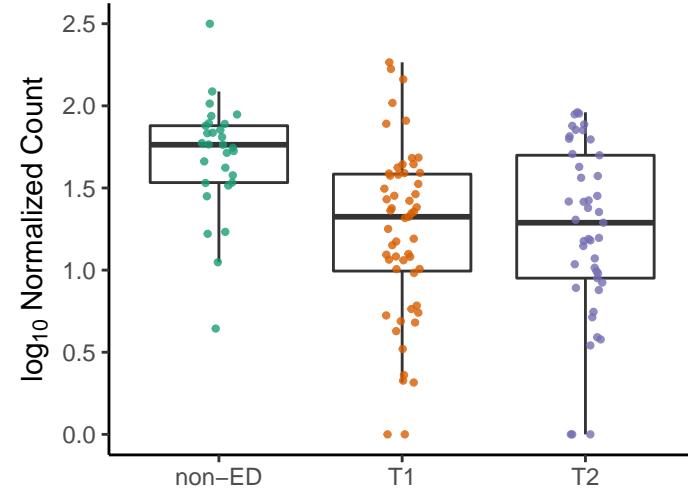
### *Deinococcus proteolyticus*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.85



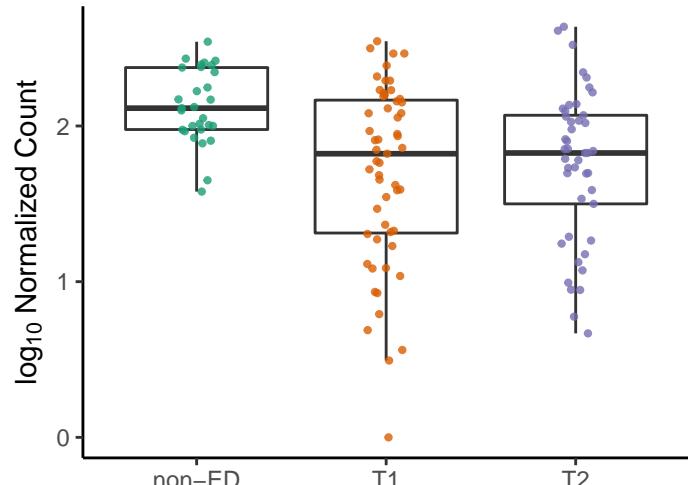
### *Formosa sp. Hel3\_A1\_48*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.95



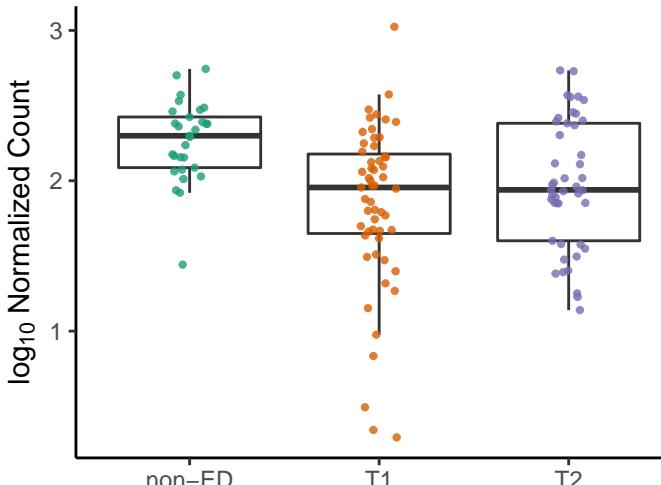
### *Humibacter sp. WJ7-1*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.86



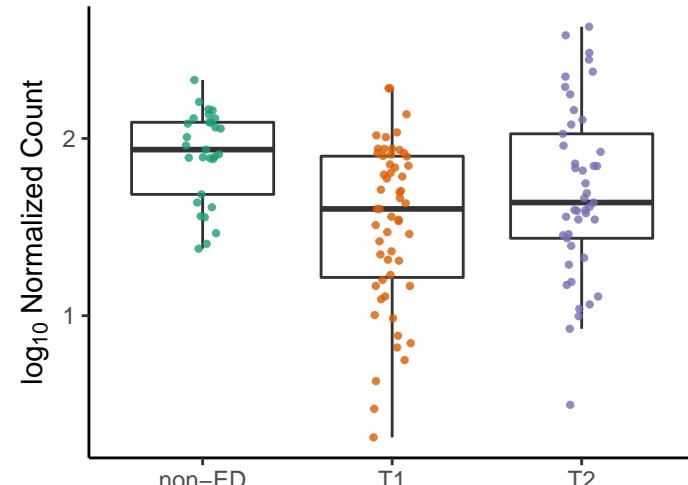
### *Marmoricola scoriae*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.85



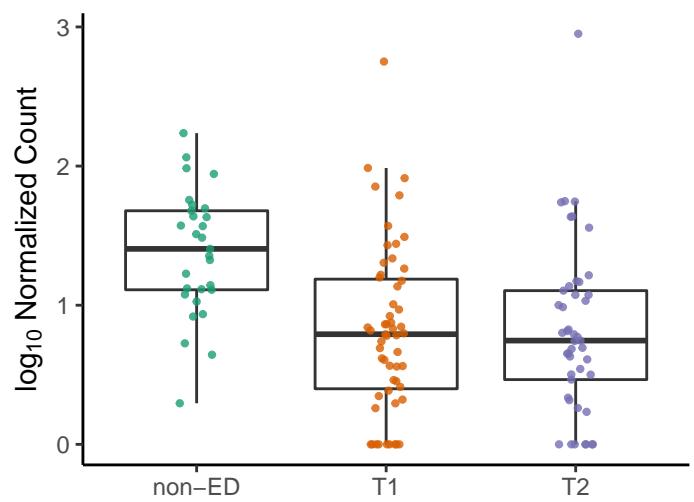
### *Pseudomonas sp. 7SR1*

non-ED vs. T1 adjusted p = 0.0014  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



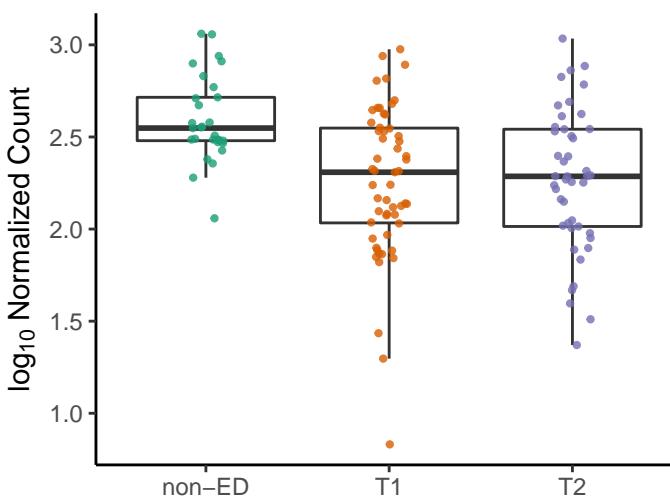
### Pseudomonas sp. TMW 2.1634

non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.86



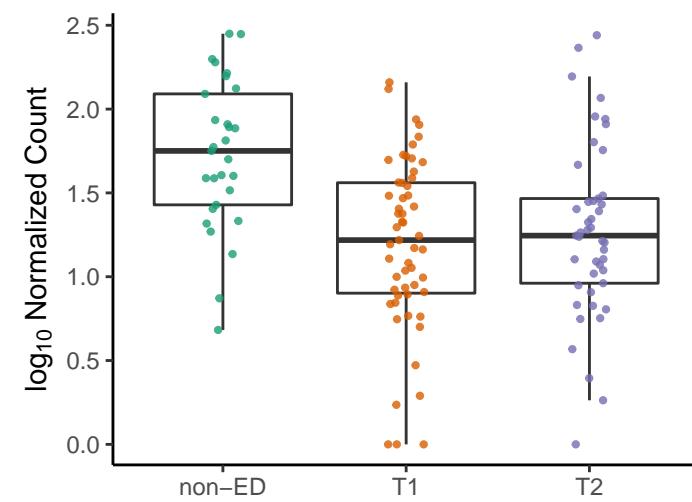
### Terriglobus roseus

non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.87



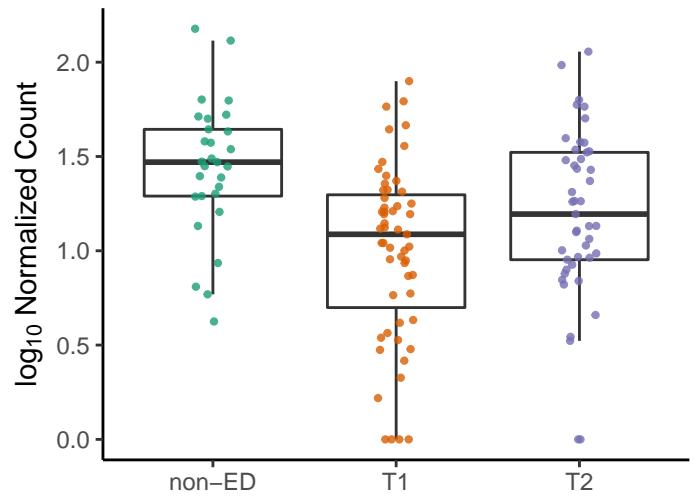
### Unclassified Saccharomycetales Order

non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.85



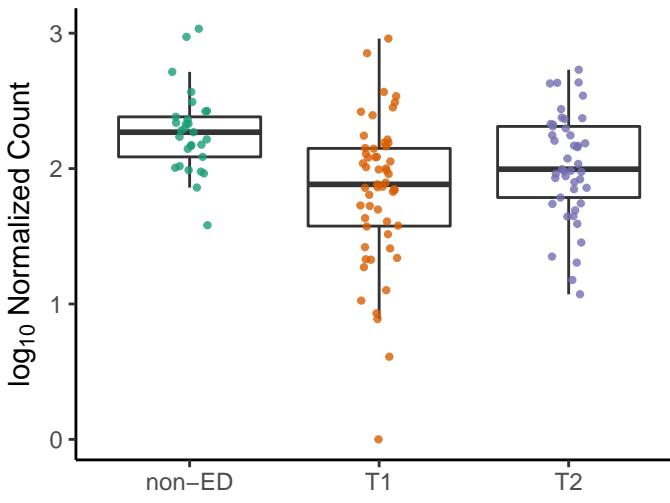
### Unclassified Carnobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0014  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.75



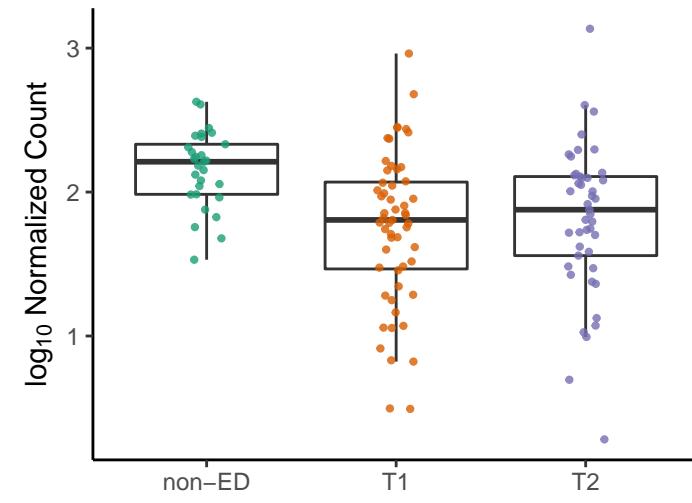
### Alcanivorax pacificus

non-ED vs. T1 adjusted p = 0.0015  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



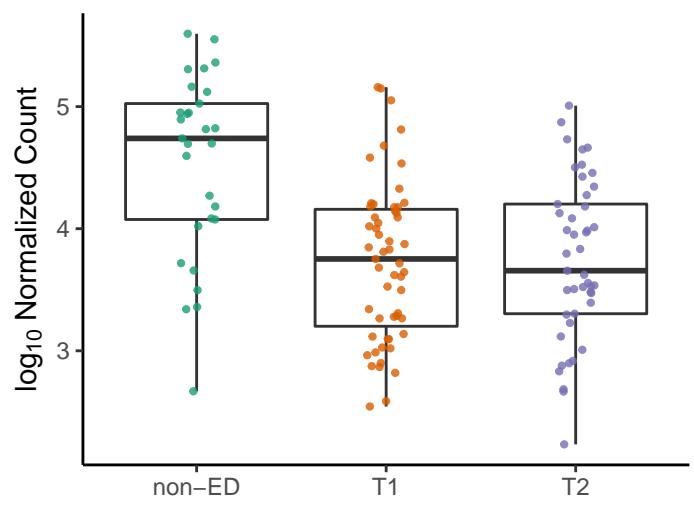
### Thiomonas intermedia

non-ED vs. T1 adjusted p = 0.0015  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.85



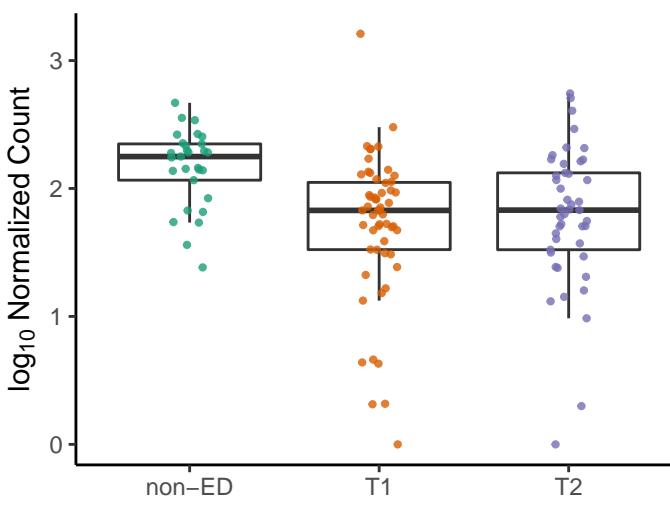
### Erysipelotrichaceae bacterium GAM147

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.98



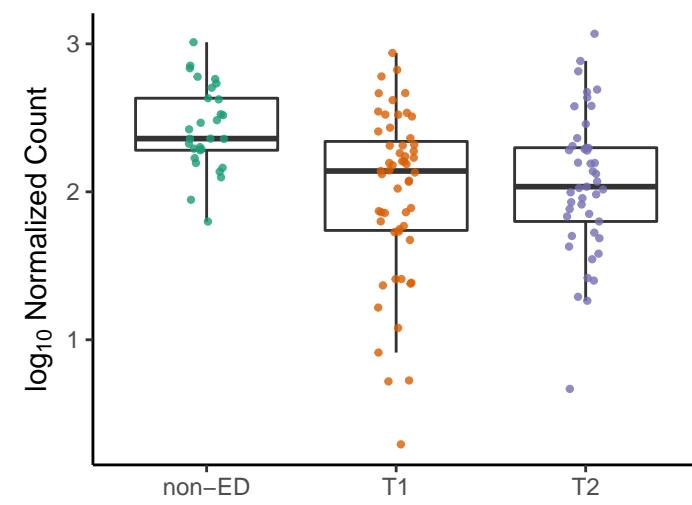
### Haloarcula sp. JP-L23

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.0046  
T1 vs. T2 adjusted p = 0.85



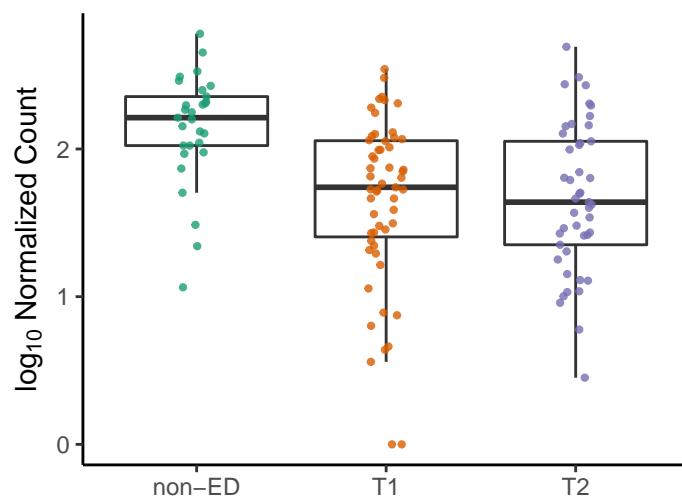
### Pseudomonas entomophila

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.87



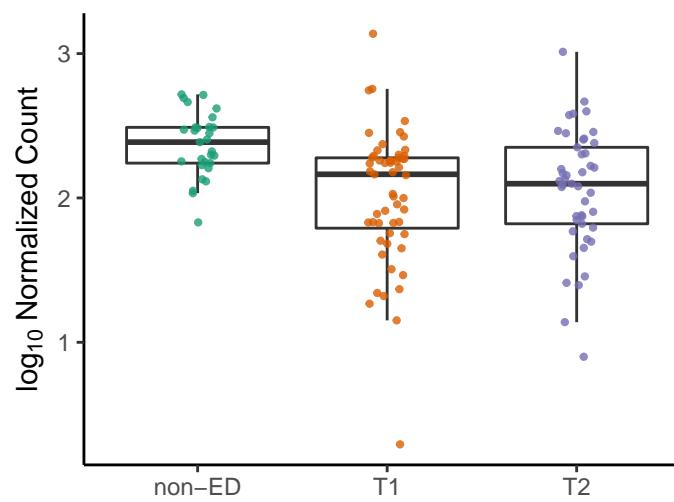
### Unclassified Leisingera Genus

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.91



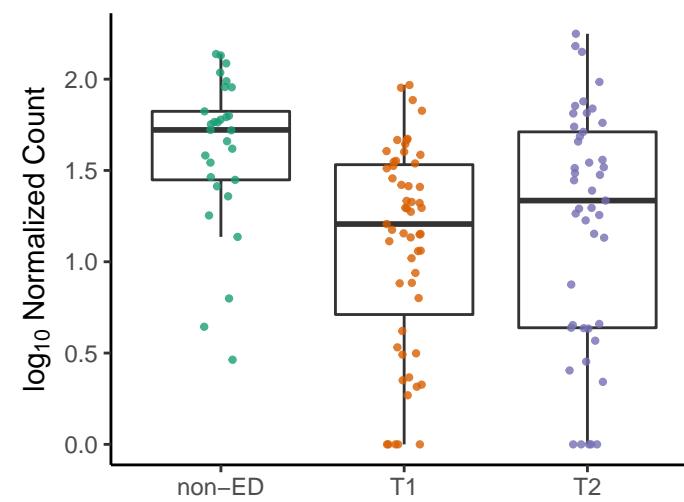
### *Meiothermus ruber*

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.85



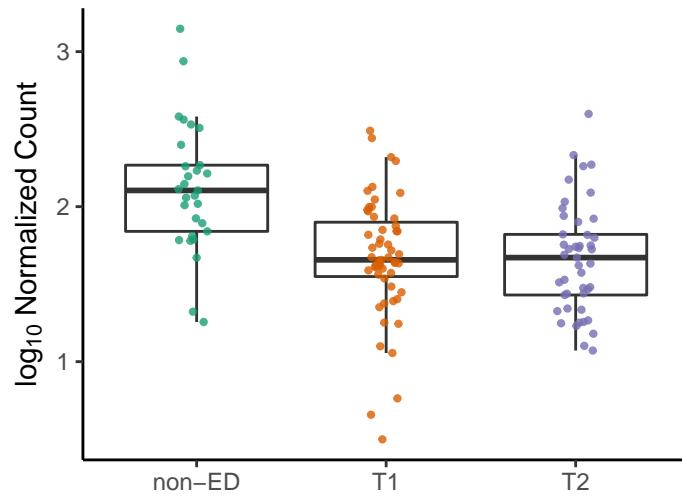
### *Streptomyces* sp. DUT11

non-ED vs. T1 adjusted p = 0.0016  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



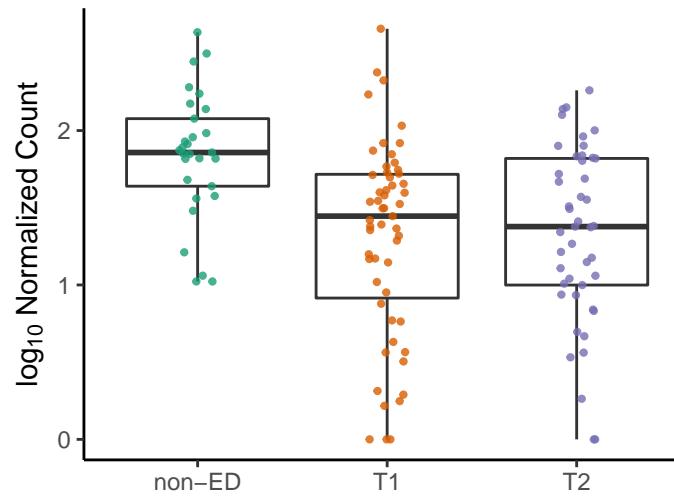
### *Aerococcus urinaehominis*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0018  
T1 vs. T2 adjusted p = 0.86



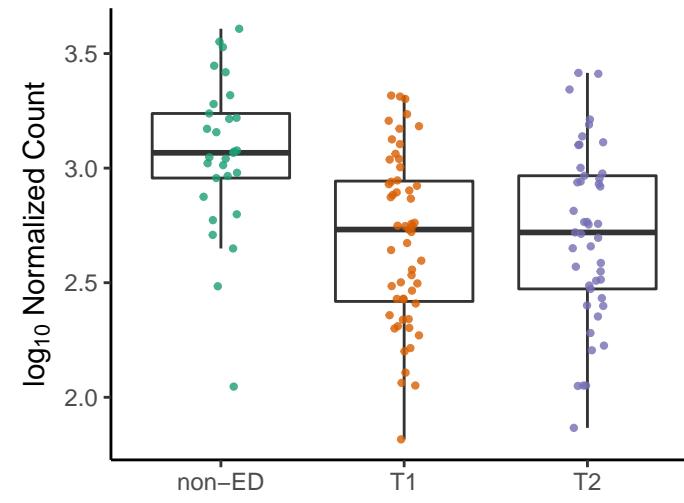
### *Burkholderia diffusa*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.91



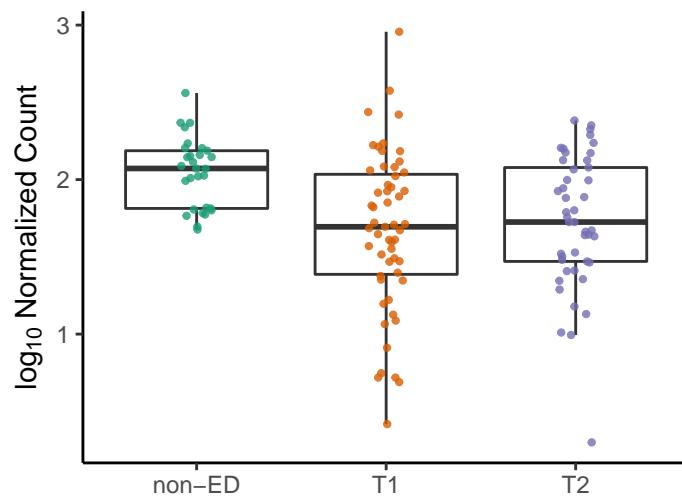
### *Mageeibacillus indolicus*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.85



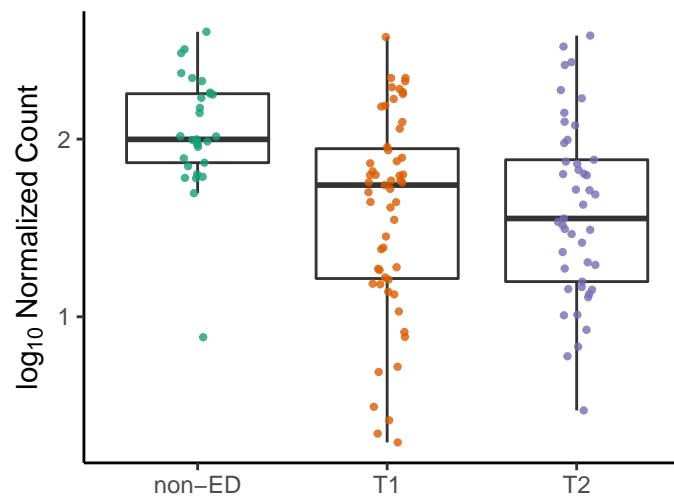
### *Mesorhizobium* sp. M4B.F.Ca.ET.058.02.

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.85



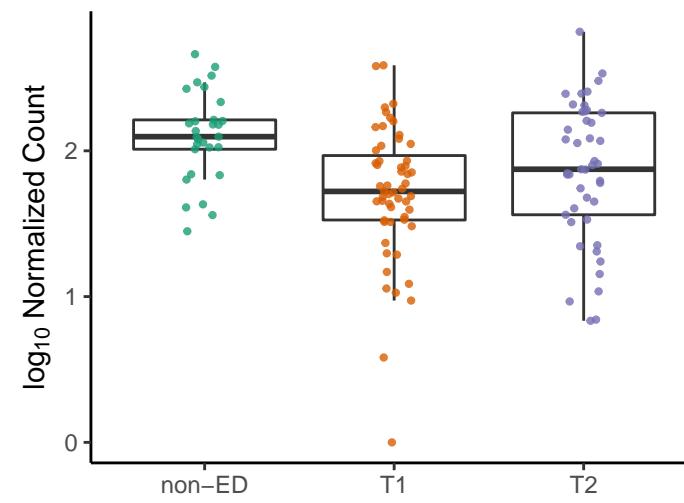
### *Microbacterium* sp. RG1

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.91



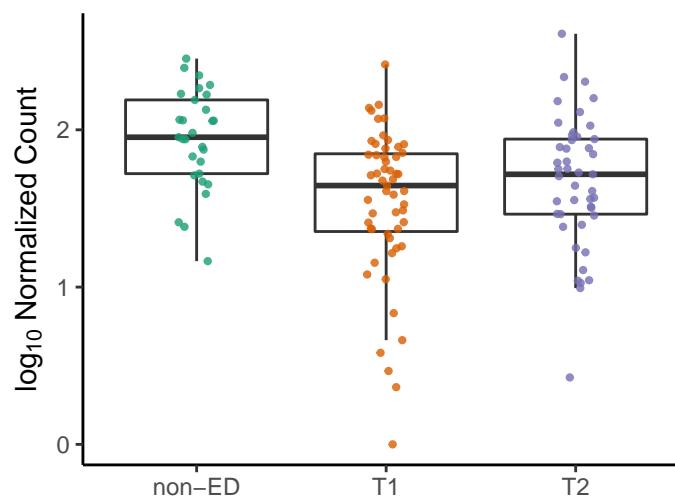
### *Mycolicibacterium madagascariense*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



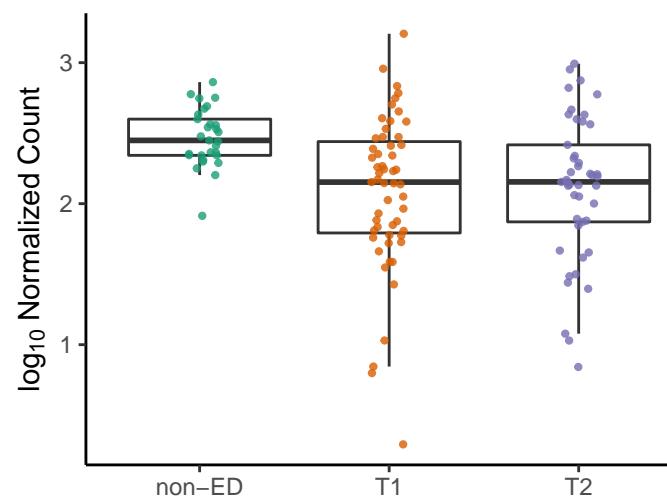
### *Nakamurella* sp. s14–144

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



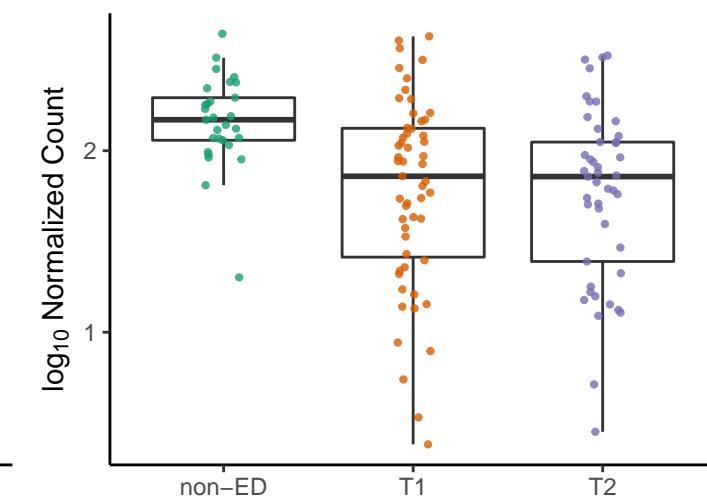
### *Pseudoxanthomonas suwonensis*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.91



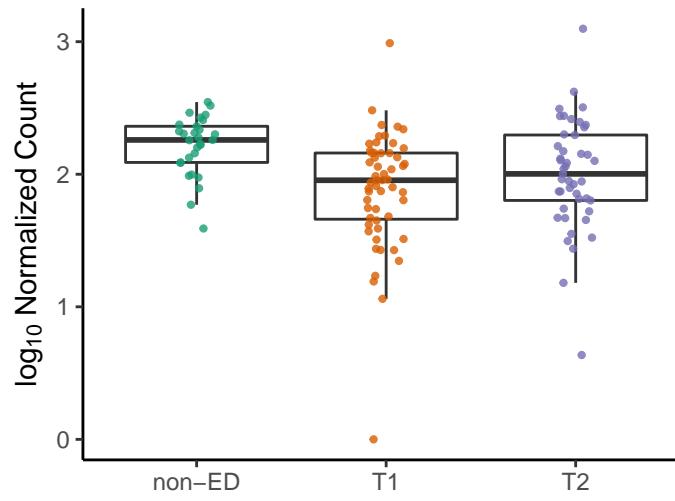
### *Rhodoferax antarcticus*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.92



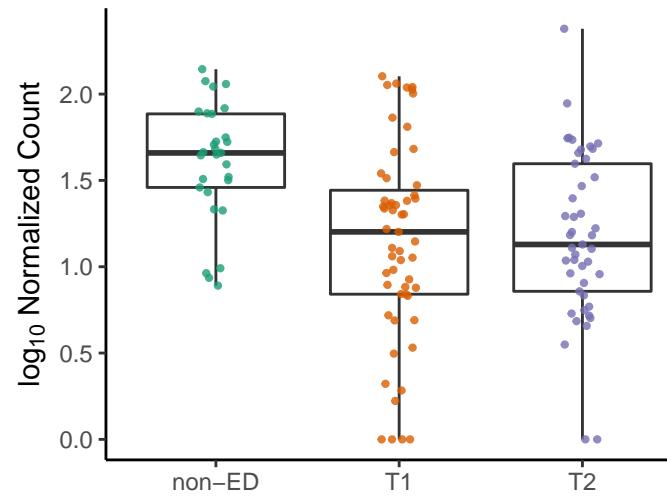
### *Sulfitobacter* sp. JL08

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.83



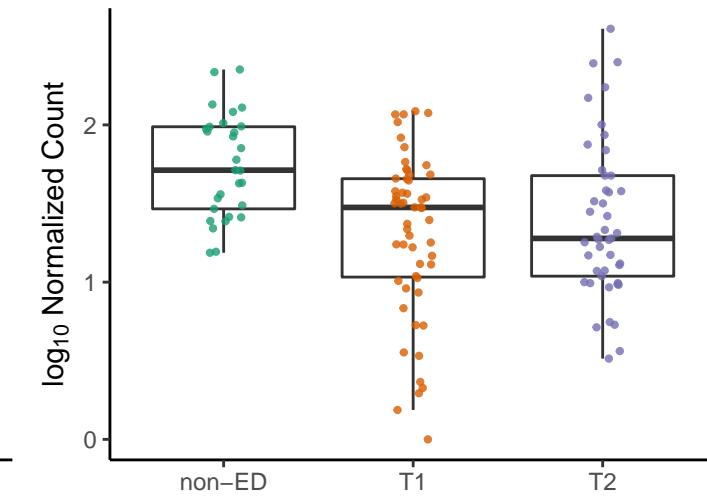
### *Thiomicrosrhabdus aquaedulcis*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.85



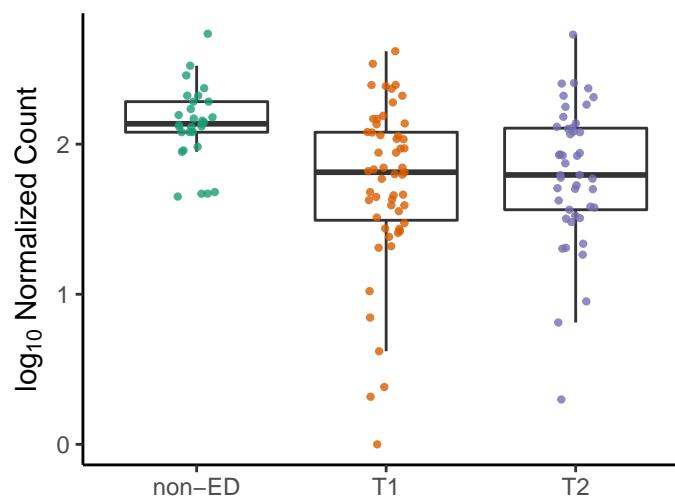
### halophilic archaeon DL31

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.85



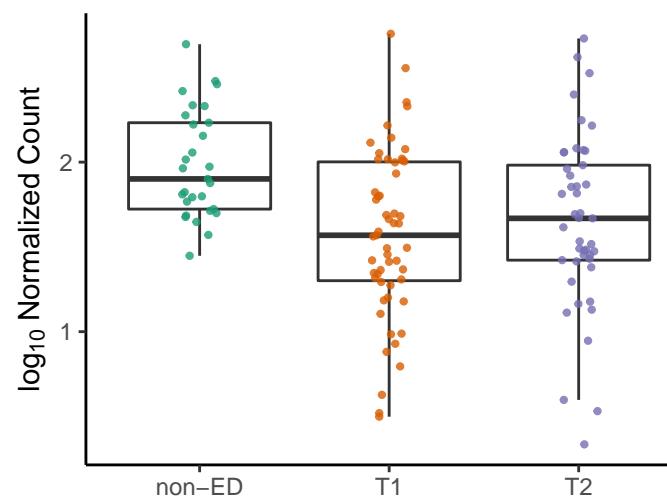
### *Corynebacterium halotolerans*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0037  
T1 vs. T2 adjusted p = 0.85



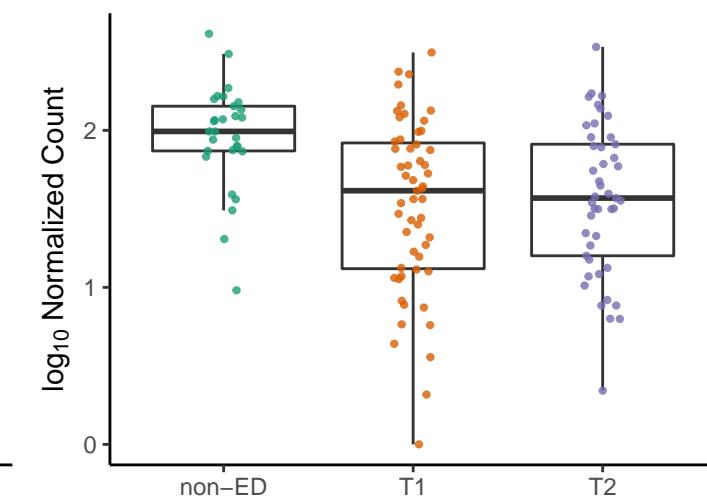
### *Lentilitoribacter* sp. Alg239–R112

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.86



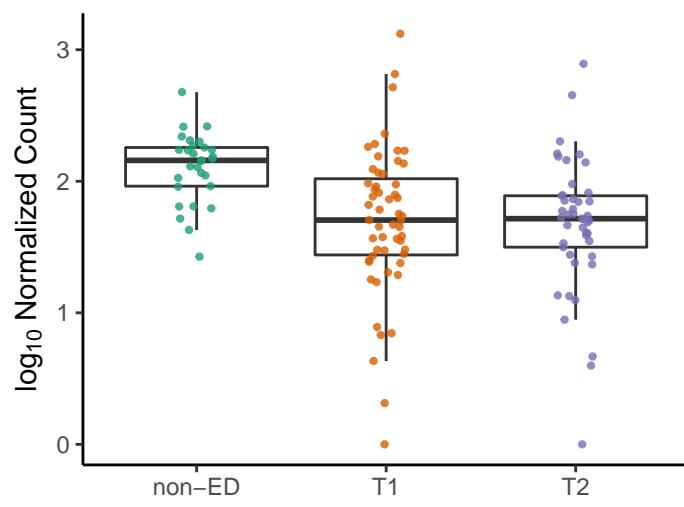
### *Rhodococcus coprophilus*

non-ED vs. T1 adjusted p = 0.0018  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.88



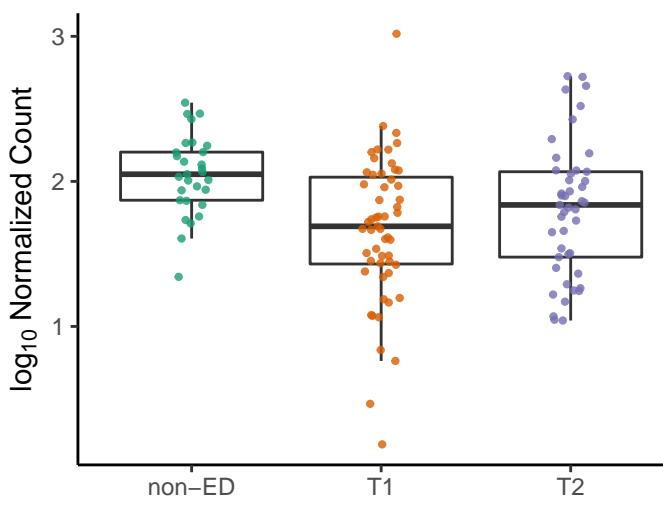
### *Advenella kashmirensis*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.89



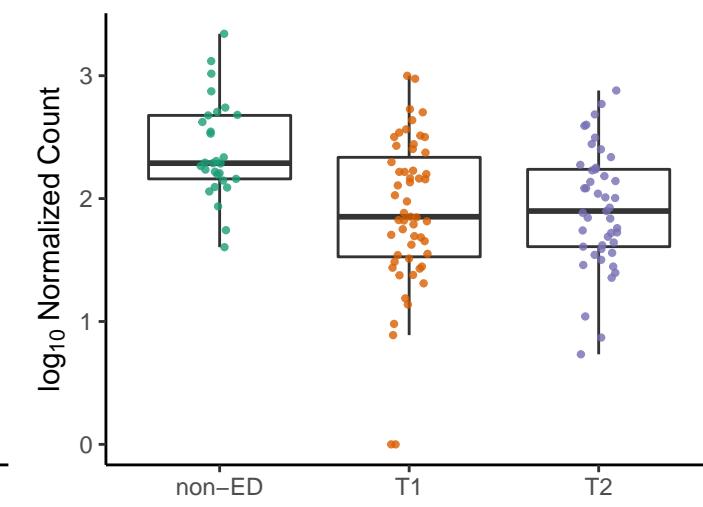
### *Altererythrobacter atlanticus*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



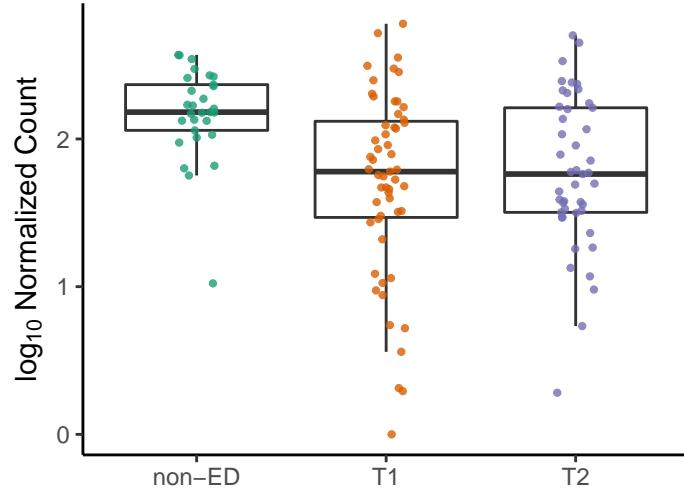
### *Arthrobacter sp. QXT-31*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.87



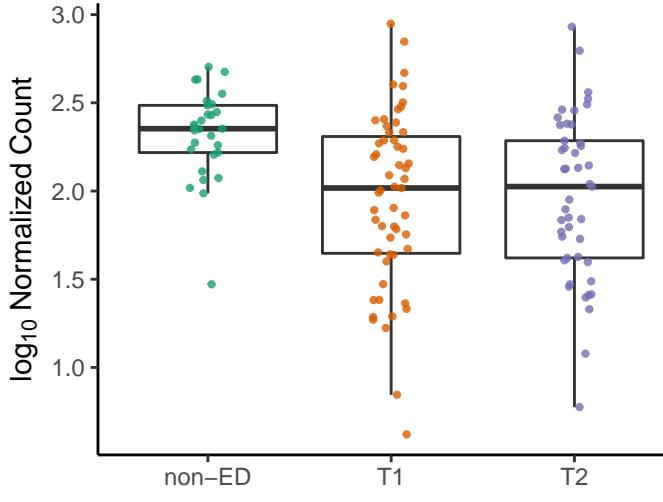
### *Azoarcus sp. SY39*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.85



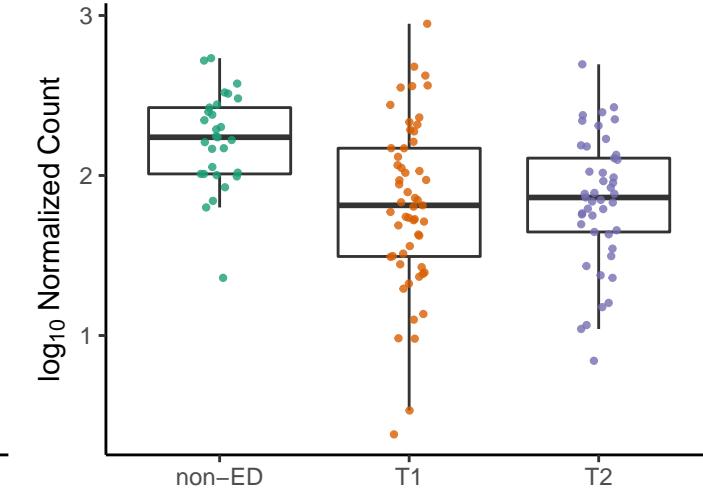
### *Marichromatium purpuratum*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.93



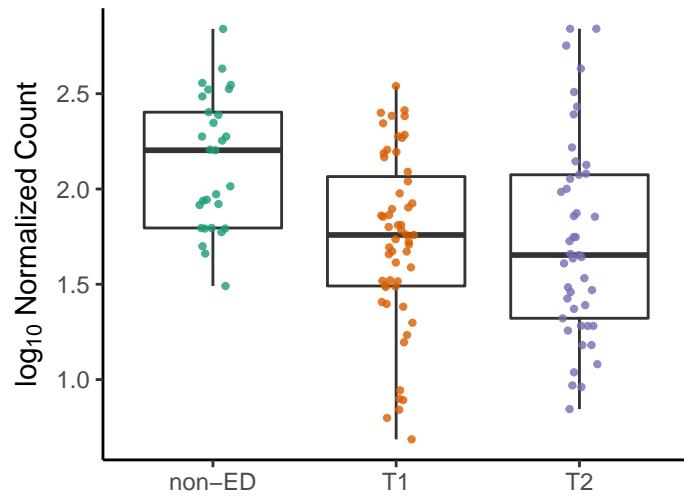
### *Paracoccus sp. Arc7-R13*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.86



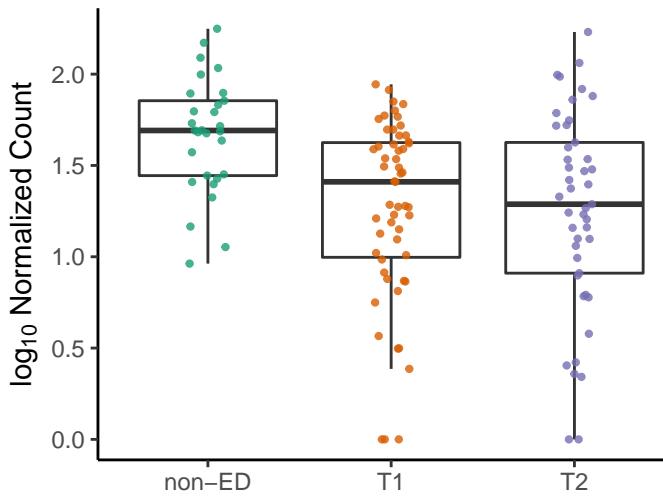
### *Pectobacterium brasiliense*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.92



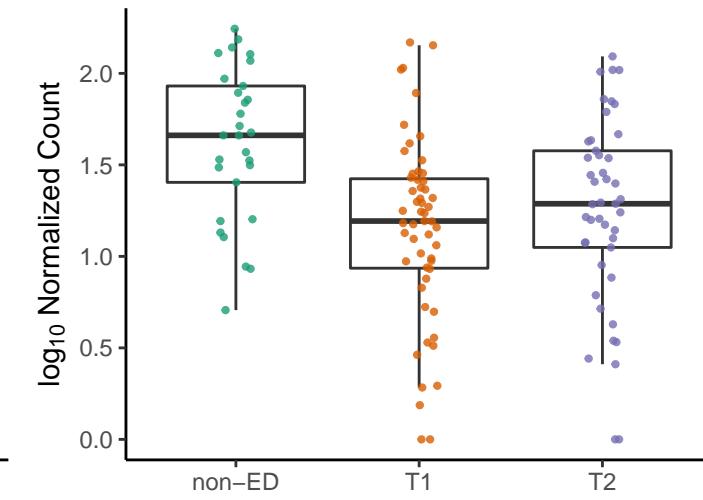
### *Planctomycetes bacterium Pan258*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.003  
 T1 vs. T2 adjusted p = 0.97



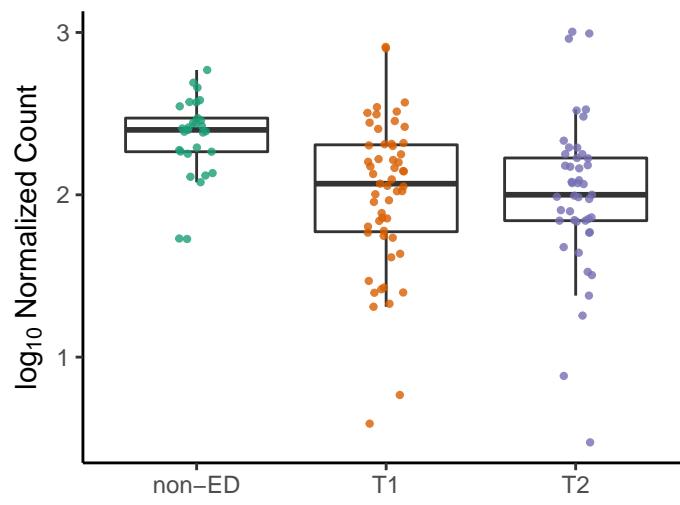
### *Pseudomonas asplenii*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



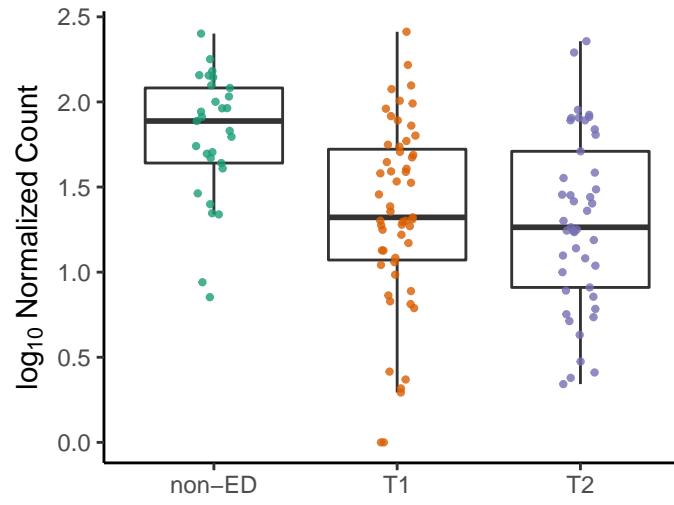
### *Rhizobium etli*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.92



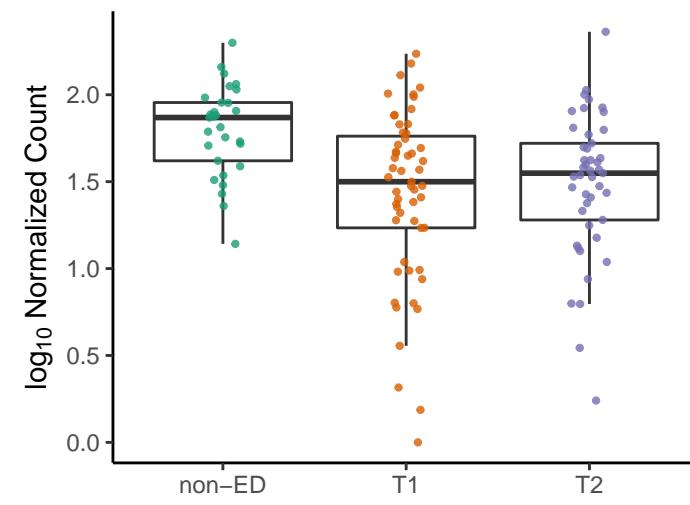
### *Vibrio casei*

non-ED vs. T1 adjusted p = 0.0019  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.98



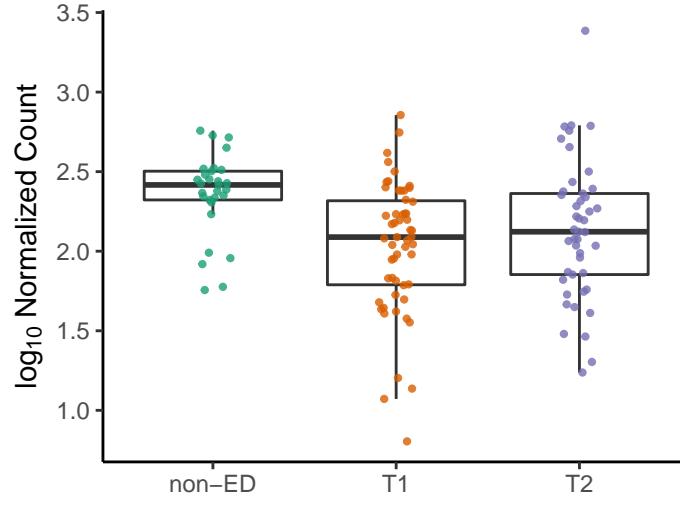
### *Acetobacter ascendens*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



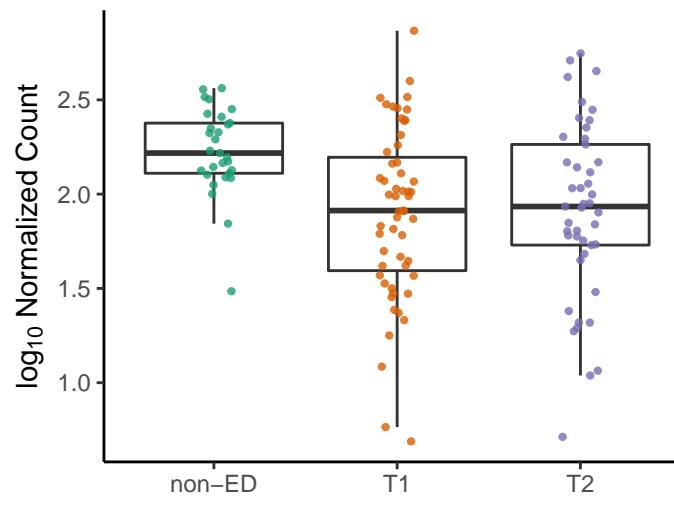
### *Aspergillus oryzae*

non-ED vs. T1 adjusted p = 0.002  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



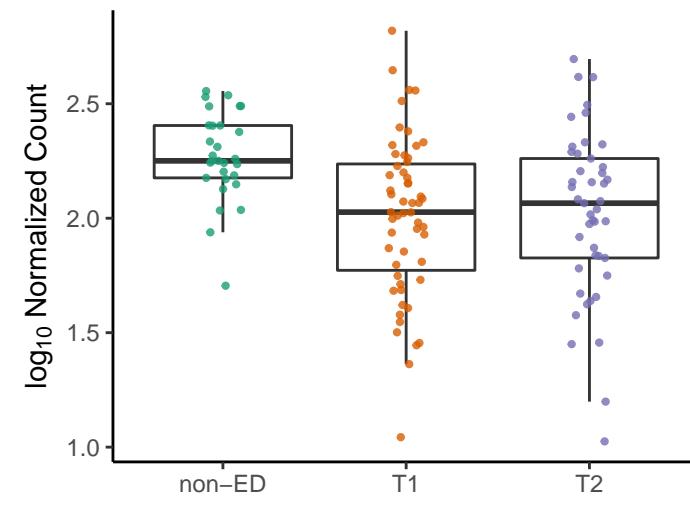
### *Azospirillum sp. M2T2B2*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.86



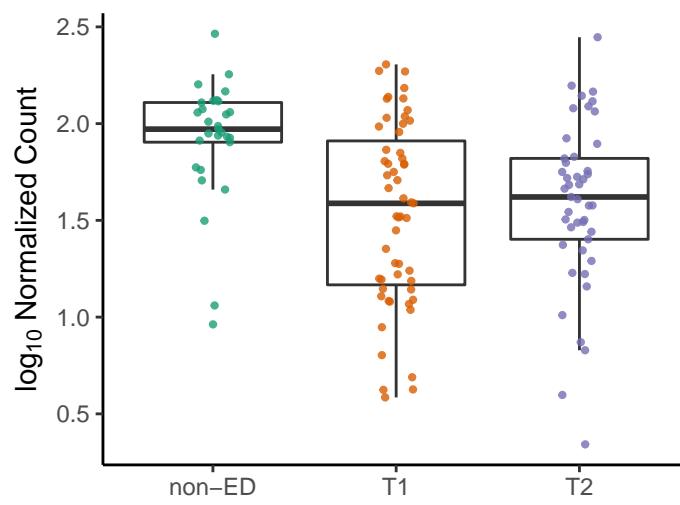
### *Chryseobacterium taklimakanense*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.98



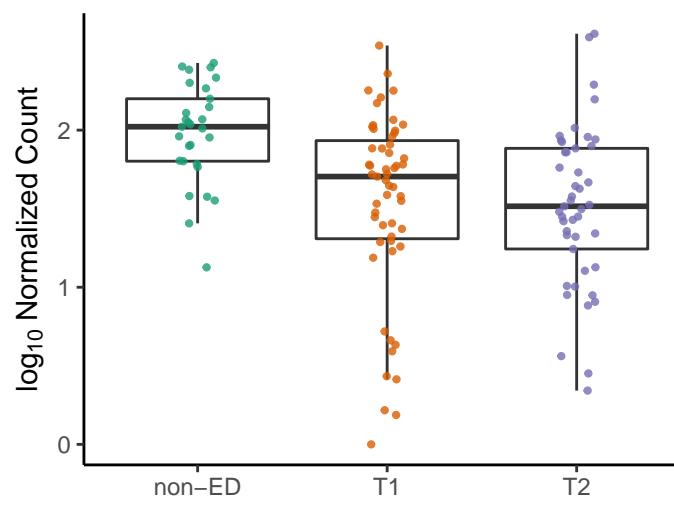
### *Coraliomargarita akajimensis*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.9



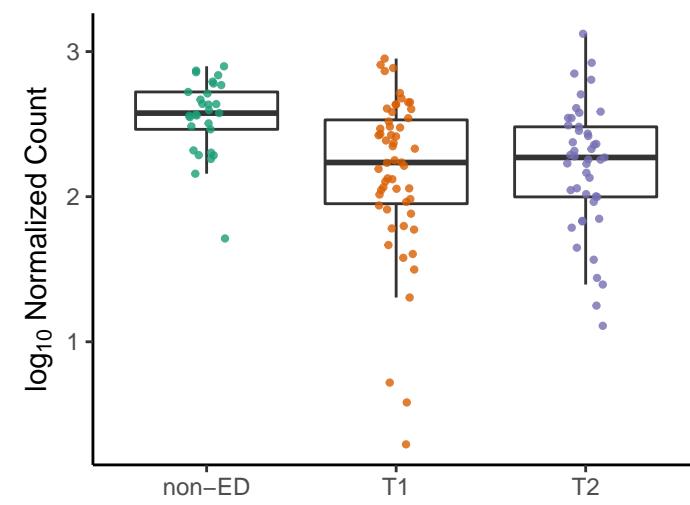
### *Corynebacterium minutissimum*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0016  
 T1 vs. T2 adjusted p = 0.99



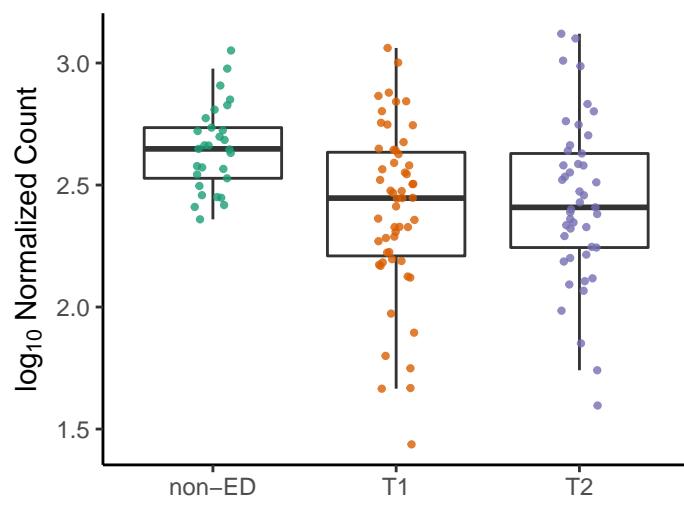
### *Cupriavidus pauculus*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.85



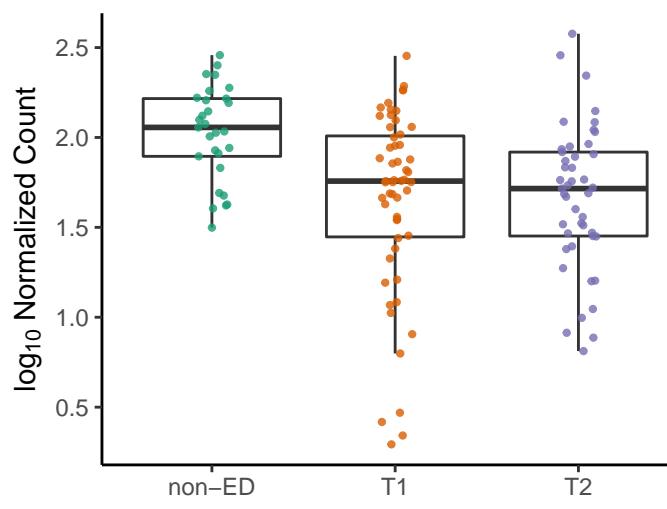
### *Desulfallas gibsoniae*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.92



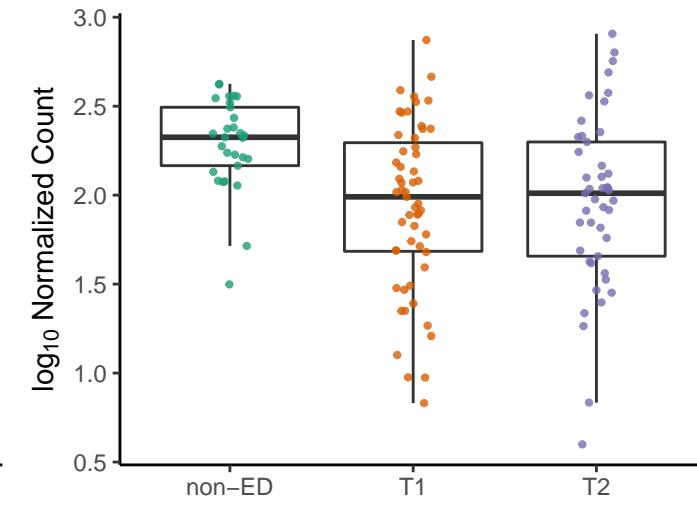
### *Methylovulum psychrotolerans*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.91



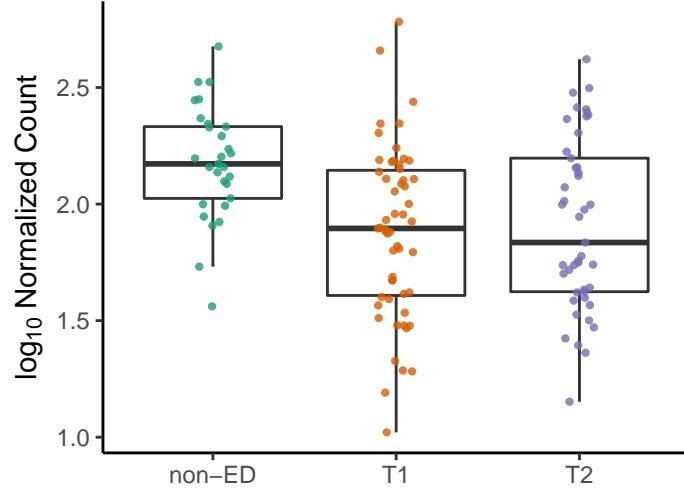
### *Mycobacterium smegmatis*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.88



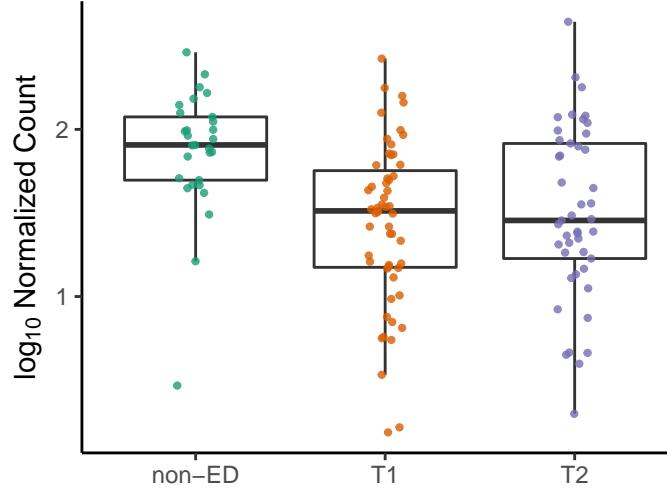
### *Nostoc sp. CENA543*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.85



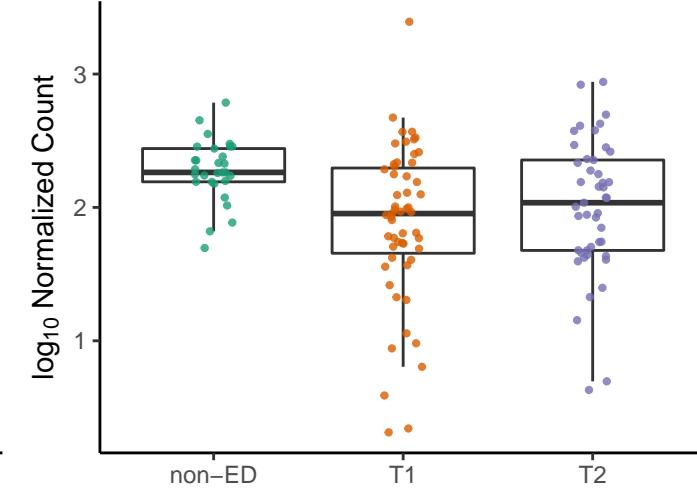
### *Oenococcus sicerae*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.86



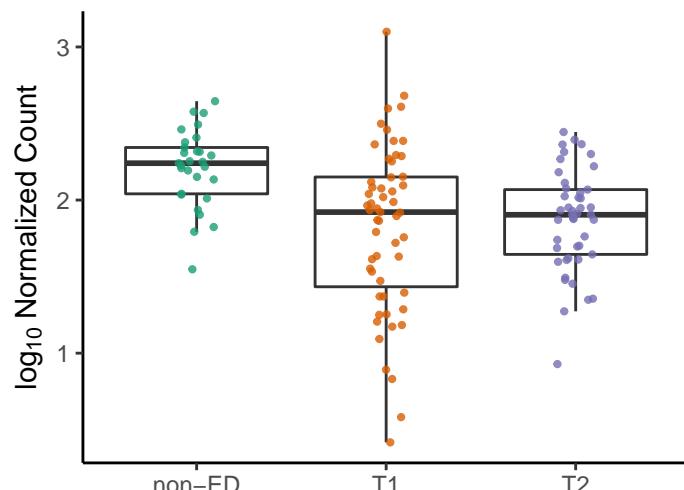
### *Ornithinimicrobium sp. AMA3305*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



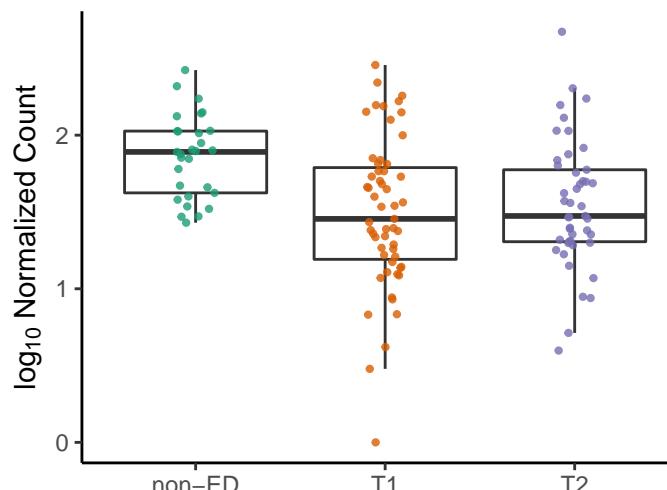
### *Planctomycetes bacterium Pan44*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0013  
 T1 vs. T2 adjusted p = 0.85



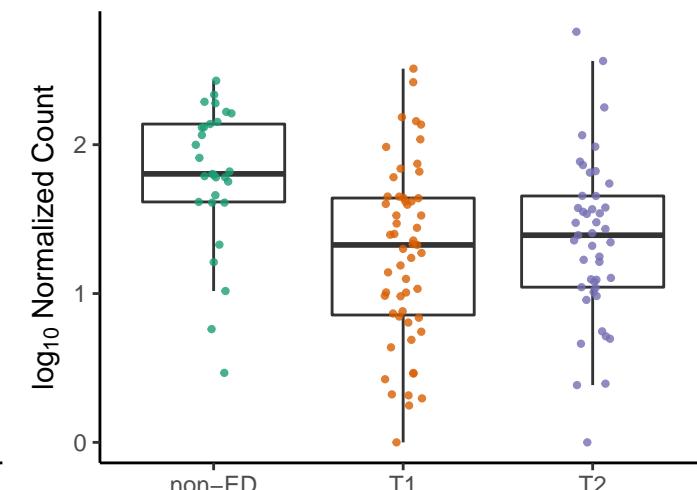
### *Pseudoalteromonas sp. R3*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0041  
 T1 vs. T2 adjusted p = 0.85



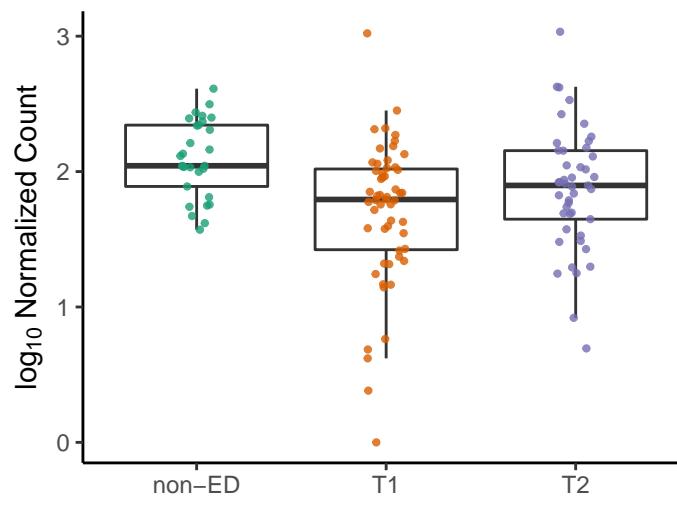
### *Rheinheimera sp. D18*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.95



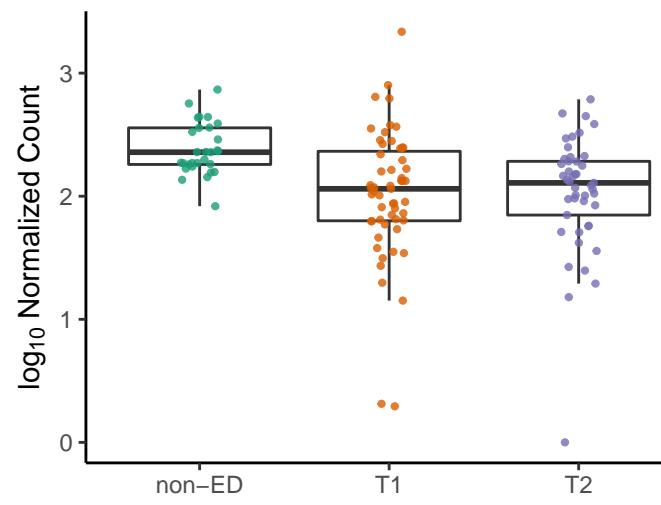
### Rhizorhabdus dicambivorus

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.76



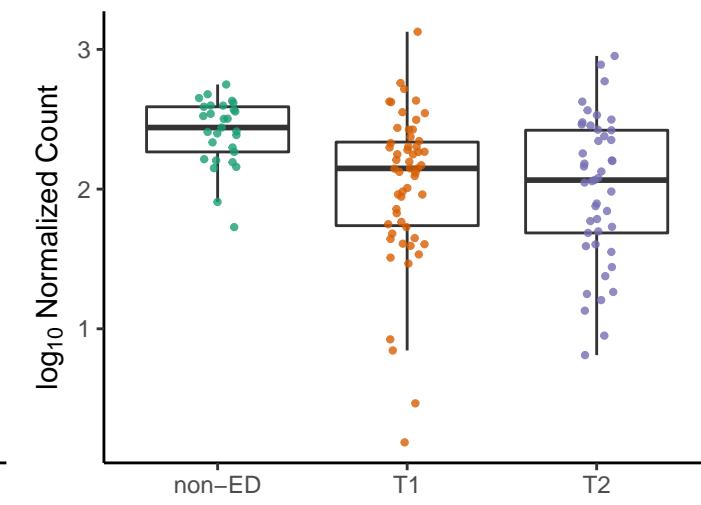
### Thiocystis violascens

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.88



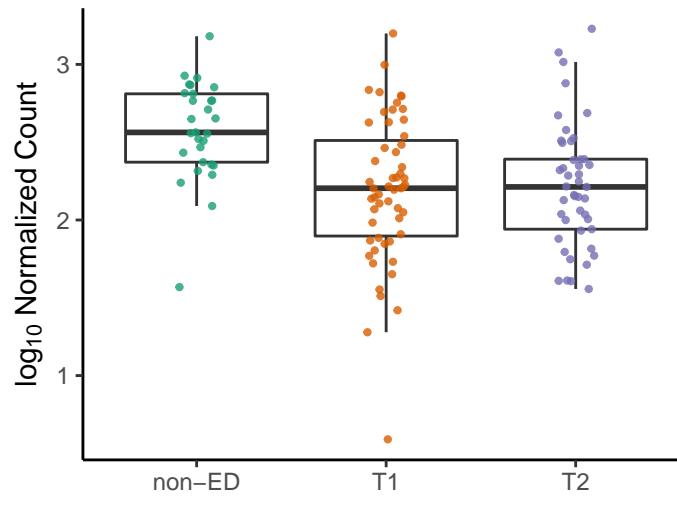
### Unclassified Actinoalloteichus Genus

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.95



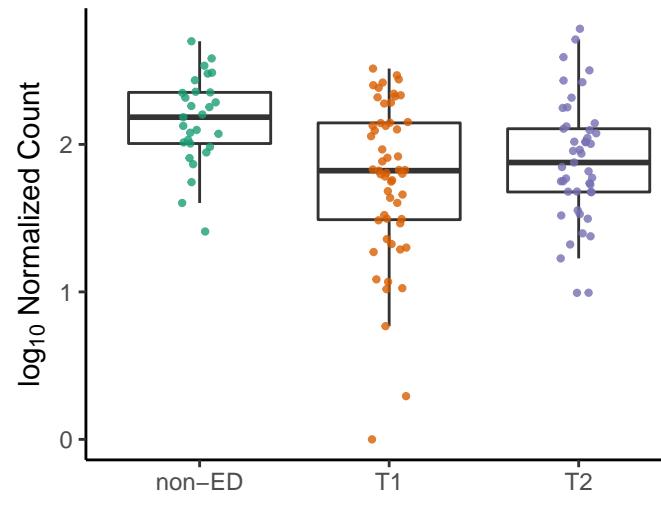
### Unclassified Candidatus Saccharibacteri

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.93



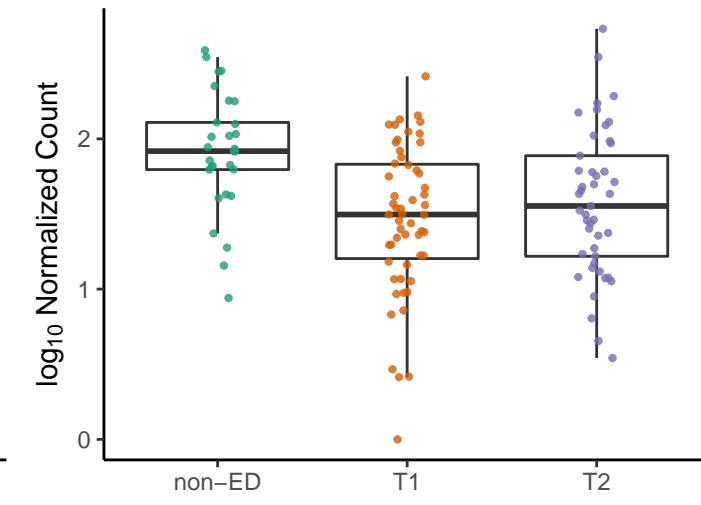
### Arthrobacter sp. ZXY-2

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.85



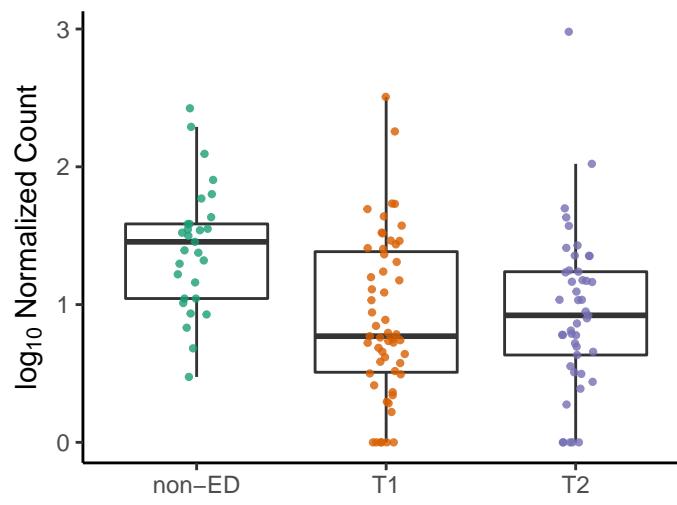
### Erwinia billingiae

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



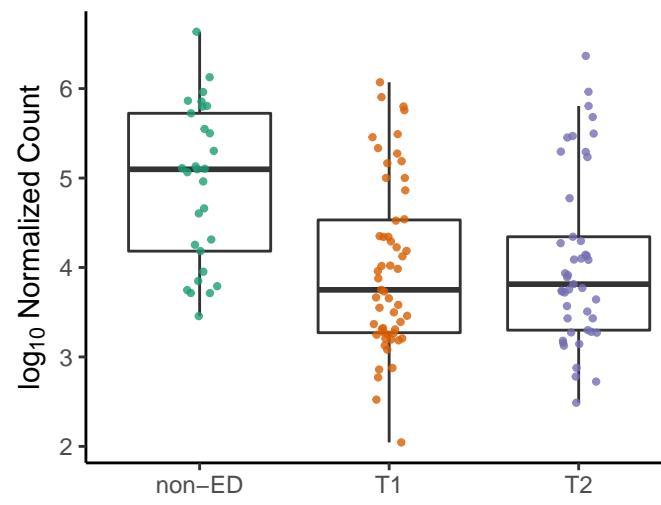
### Methylovorus glucosotrophus

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0043  
T1 vs. T2 adjusted p = 0.9



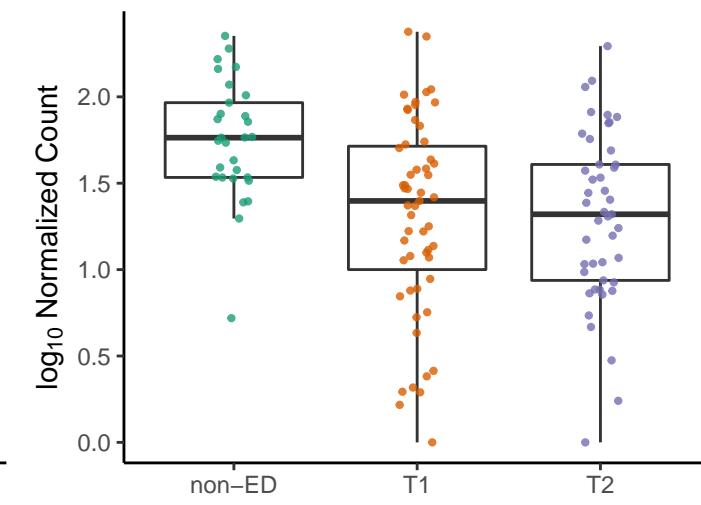
### Ruminococcus bicirculans

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0039  
T1 vs. T2 adjusted p = 0.99



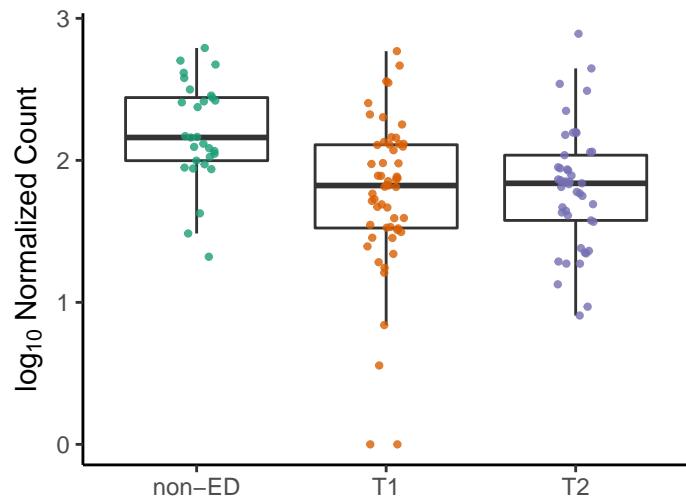
### Serratia quinivorans

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.91



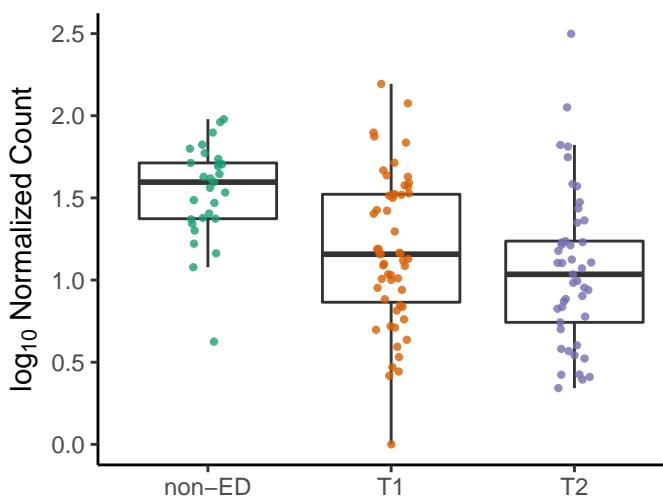
### *Tessaracoccus timonensis*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



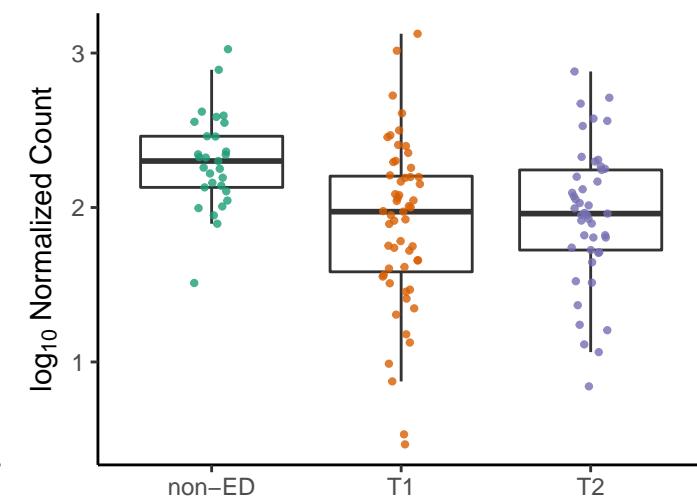
### *Thalassotalea* sp. HSM 43

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.00054  
 T1 vs. T2 adjusted p = 0.85



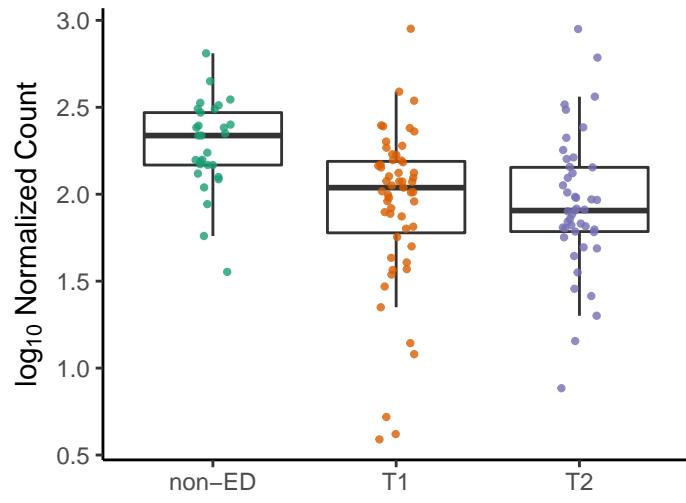
### *Thauera* sp. K11

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



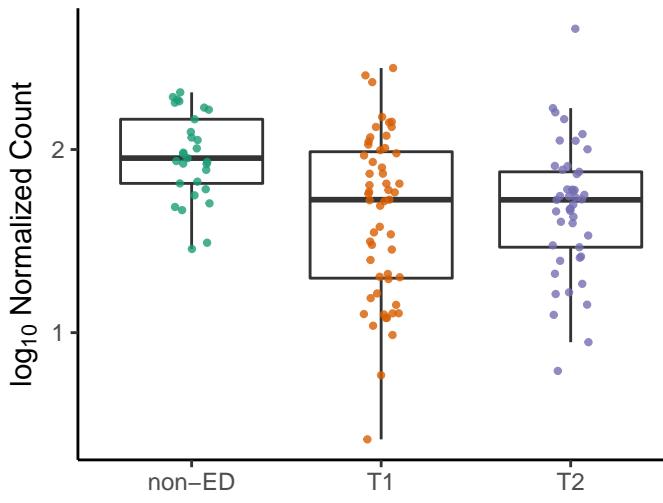
### *Corynebacterium ulcerans*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.85



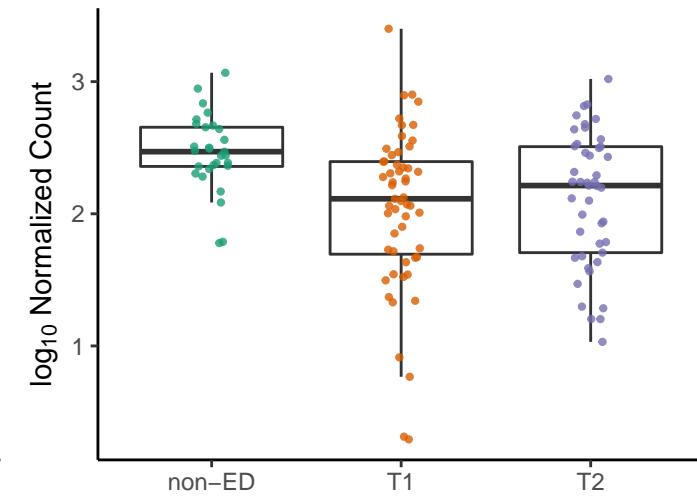
### *Iodobacter* sp. H11R3

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.85



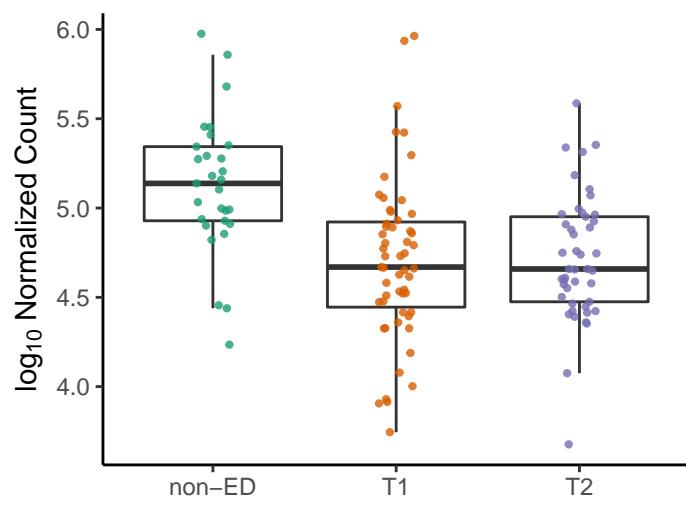
### *Jiangella alkaliphila*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.85



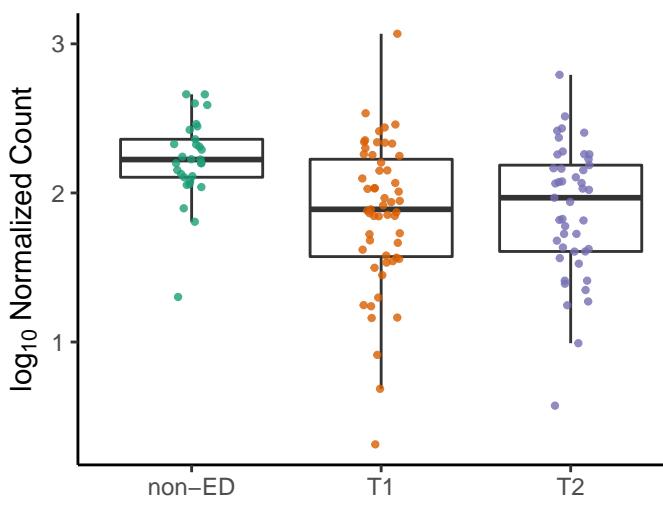
### *Lachnospiraceae bacterium GAM79*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.94



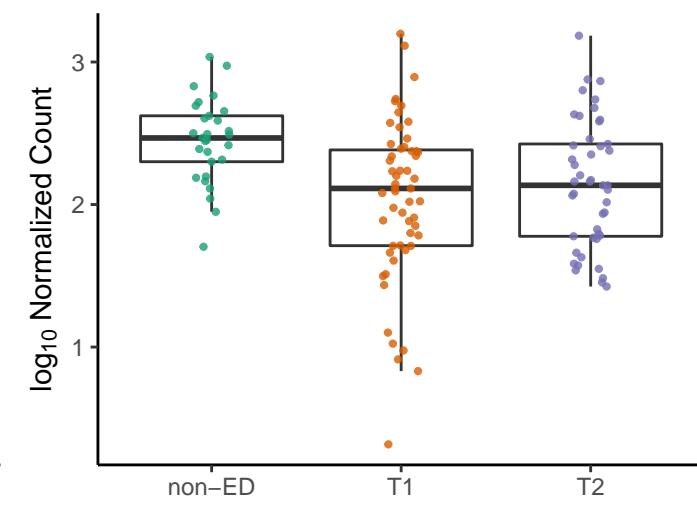
### *Luteimonas* sp. Gr-4

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.87



### *Nocardia farcinica*

non-ED vs. T1 adjusted p = 0.0021  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.85

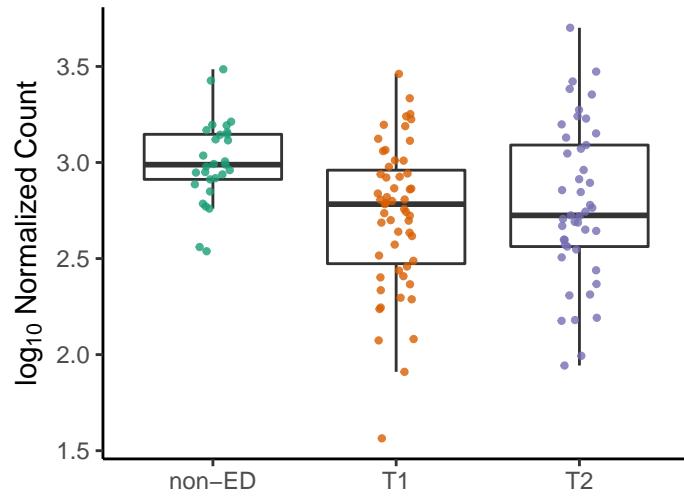


### *Selenomonas sputigena*

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.016

T1 vs. T2 adjusted p = 0.85

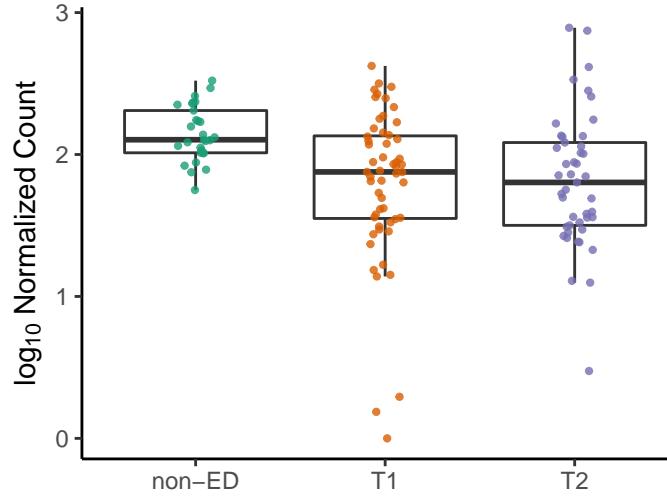


### *Sphingomonas* sp. IC081

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.003

T1 vs. T2 adjusted p = 0.91

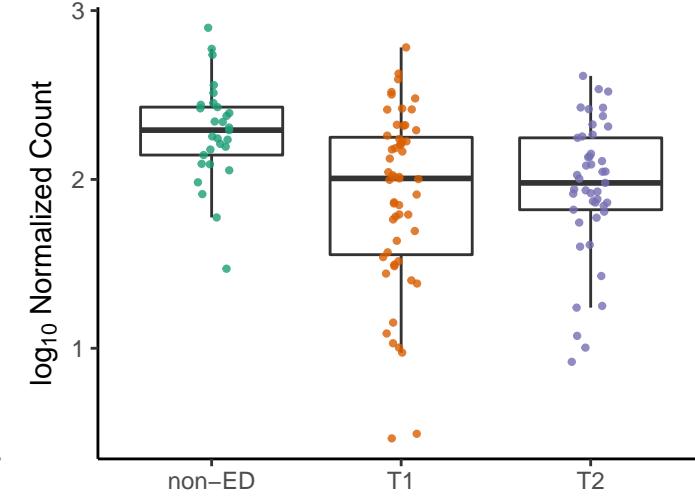


### Unclassified Massilia Genus

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.0033

T1 vs. T2 adjusted p = 0.85

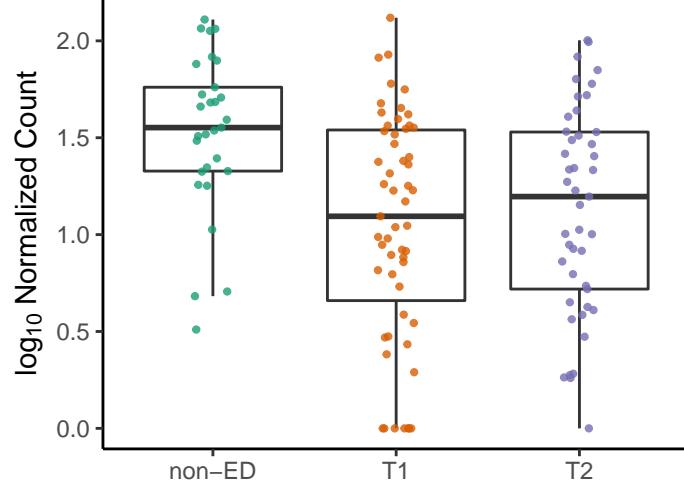


### Unclassified Sterolibacteriaceae Family

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.0067

T1 vs. T2 adjusted p = 0.85

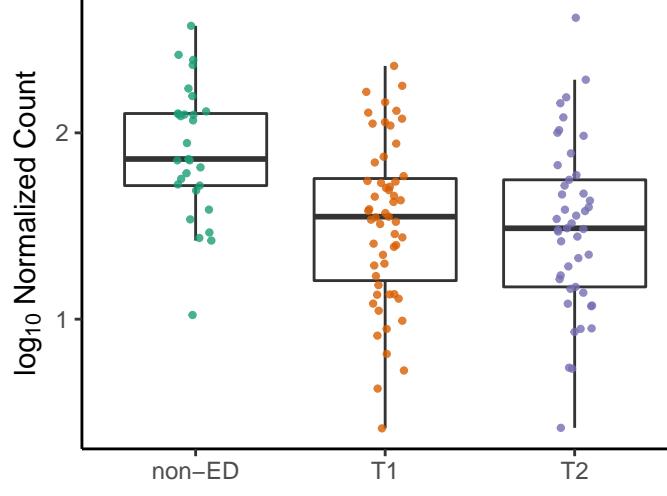


### Unclassified Yersiniaceae Family

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.0022

T1 vs. T2 adjusted p = 0.98

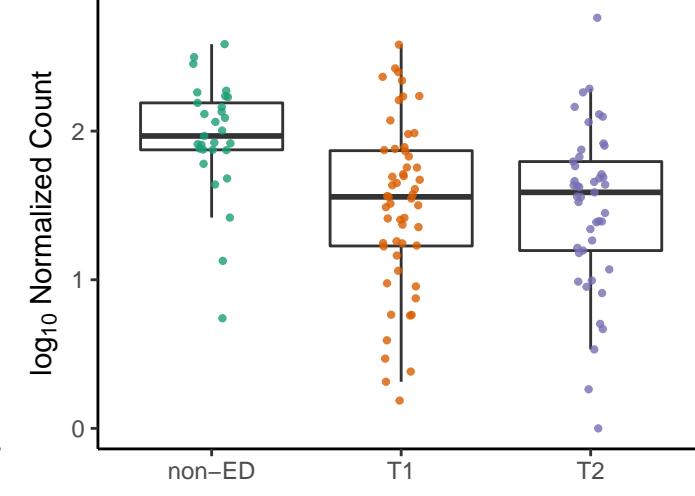


### *Xanthomonas fragariae*

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.0023

T1 vs. T2 adjusted p = 0.87

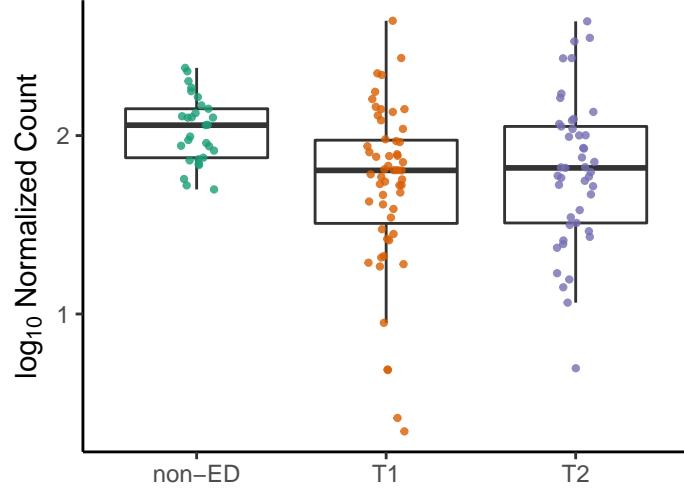


### *Glutamicibacter halophytcola*

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.85

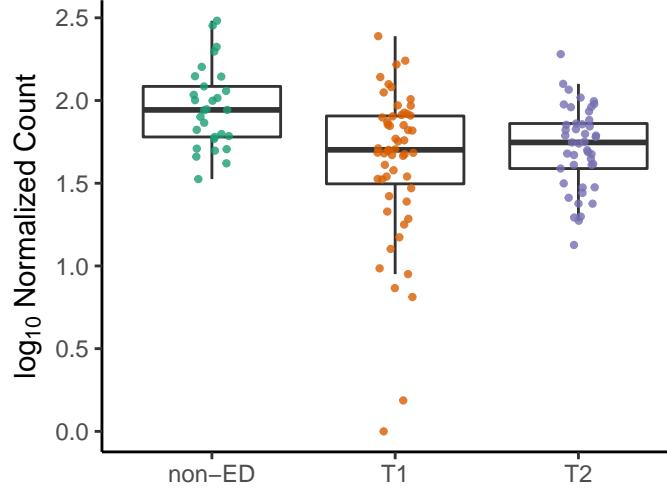


### *Grimontia hollisae*

non-ED vs. T1 adjusted p = 0.0021

non-ED vs. T2 adjusted p = 0.0033

T1 vs. T2 adjusted p = 0.85

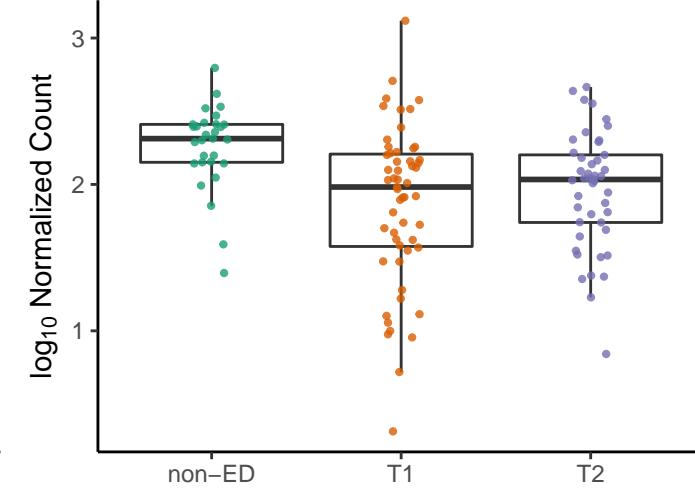


### *Paracoccus* sp. 2251

non-ED vs. T1 adjusted p = 0.0021

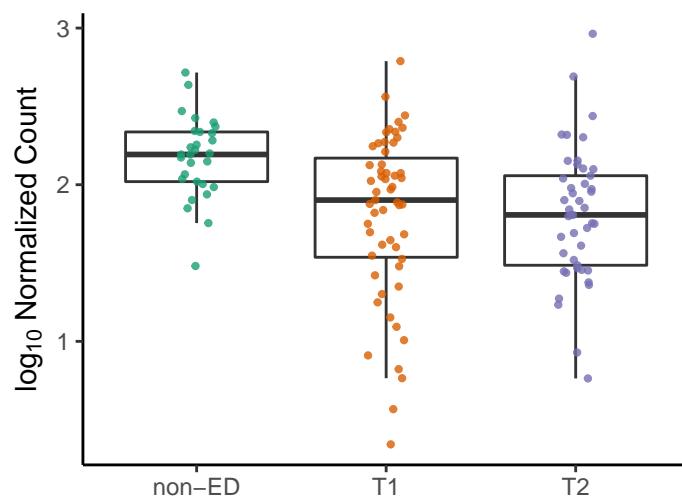
non-ED vs. T2 adjusted p = 0.0053

T1 vs. T2 adjusted p = 0.85



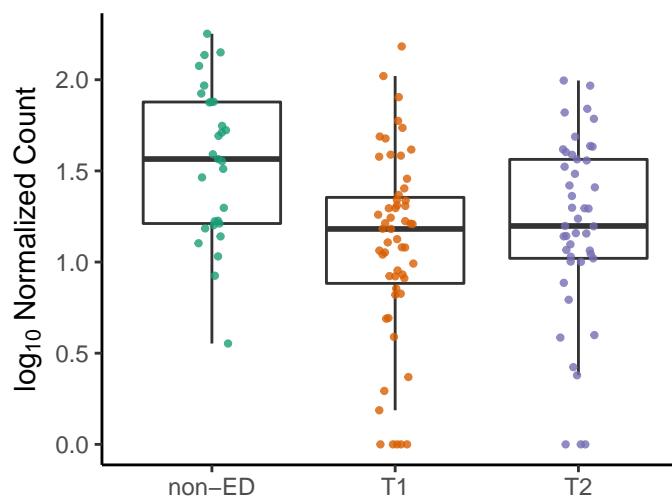
### Planctomycetes bacterium I41

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 1



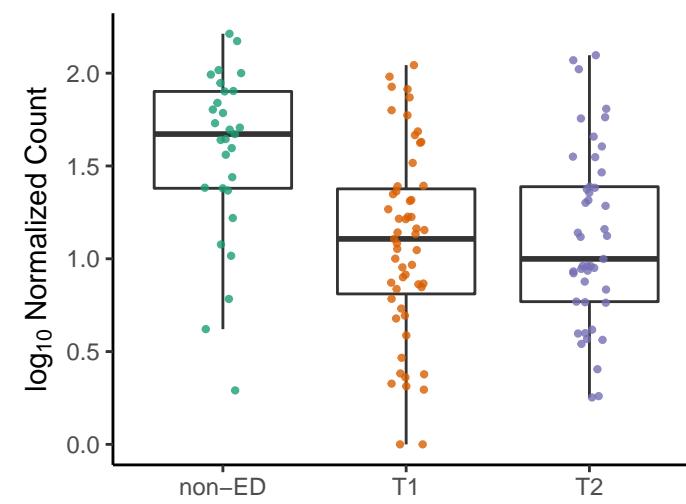
### Polynucleobacter diffcilis

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



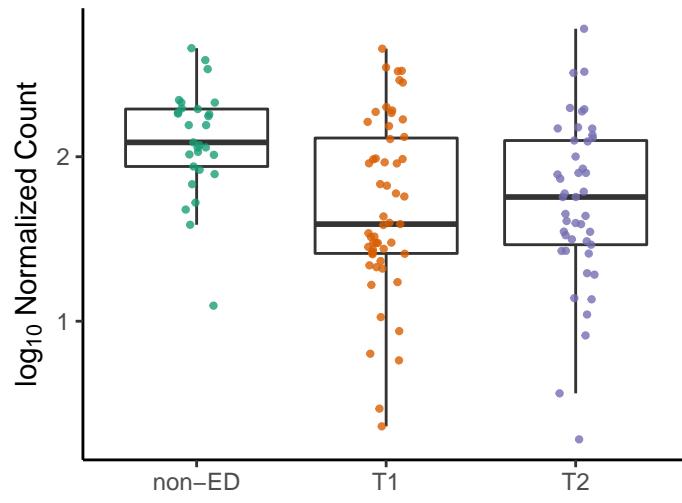
### Roseovarius sp. THAF8

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.91



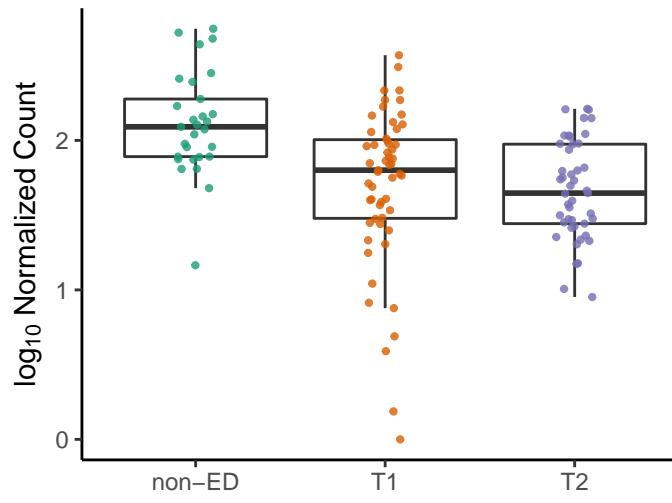
### Sphingopyxis macrogoltabida

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0037  
T1 vs. T2 adjusted p = 0.89



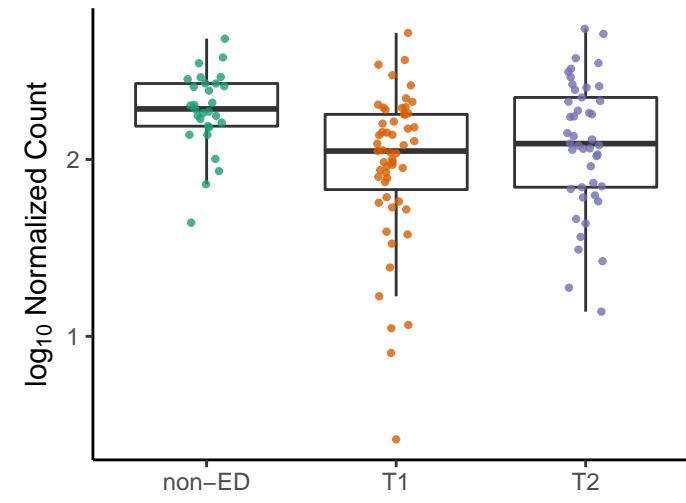
### Tuwongella immobilis

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.00043  
T1 vs. T2 adjusted p = 0.98



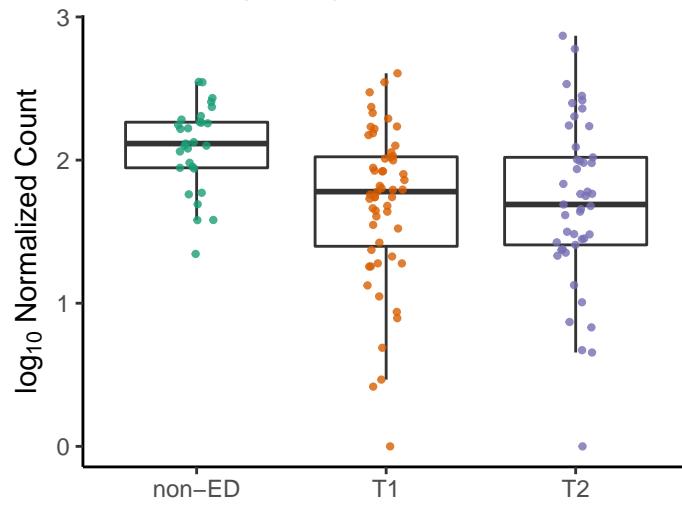
### Unclassified Pantoea Genus

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



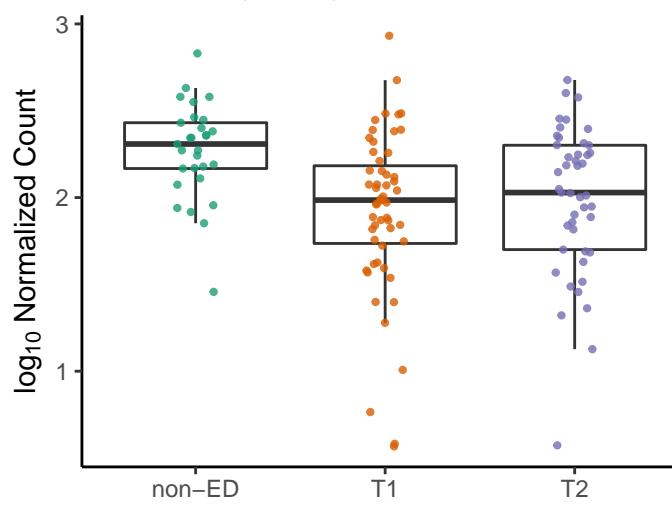
### Altererythrobacter namhicola

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.93



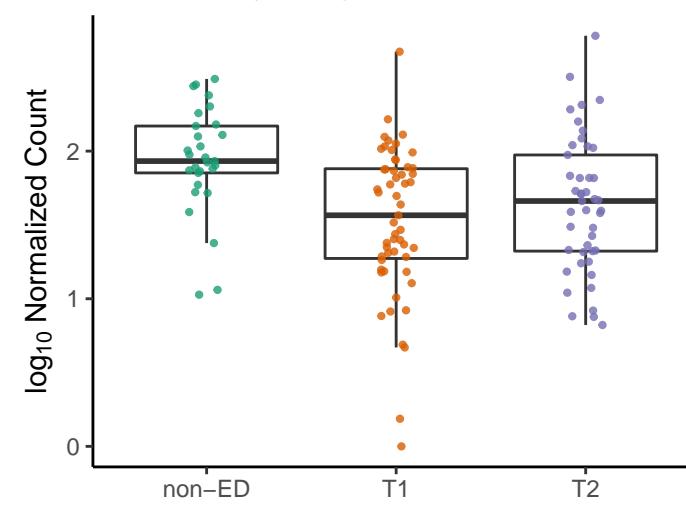
### Chitinimonas sp. R3-44

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0088  
T1 vs. T2 adjusted p = 0.85



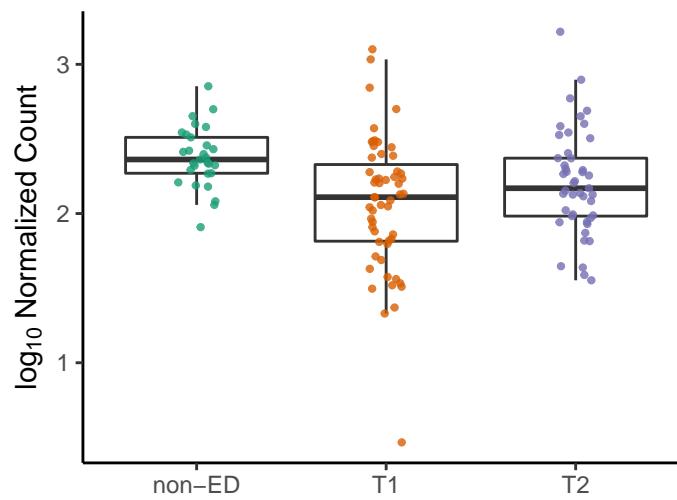
### Corynebacterium glaucum

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



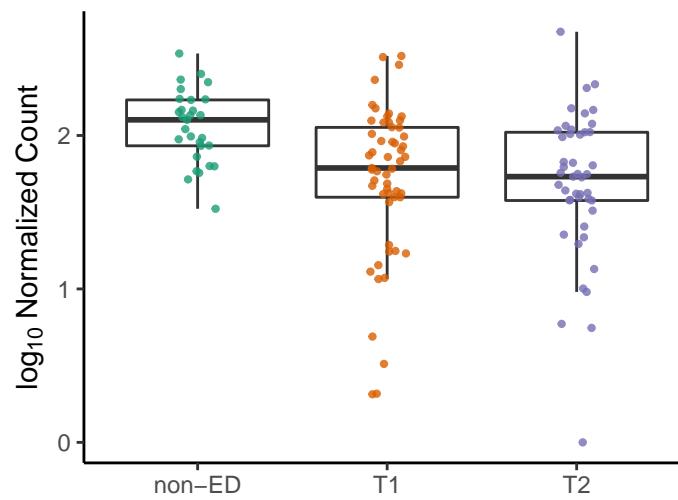
### *Ochrobactrum anthropi*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



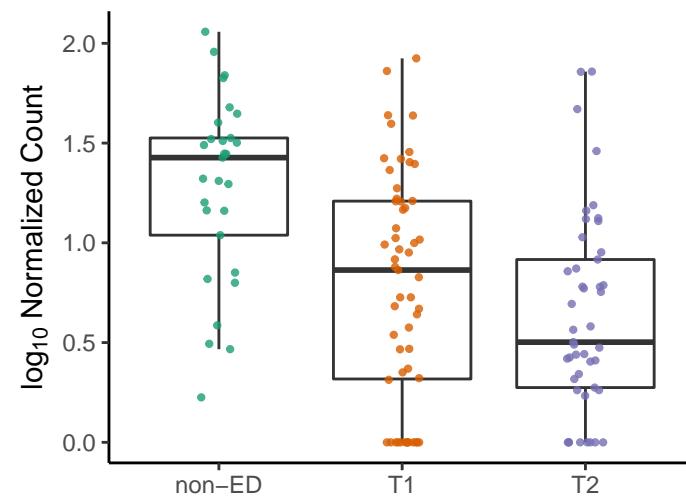
### *Paraburkholderia hospita*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.96



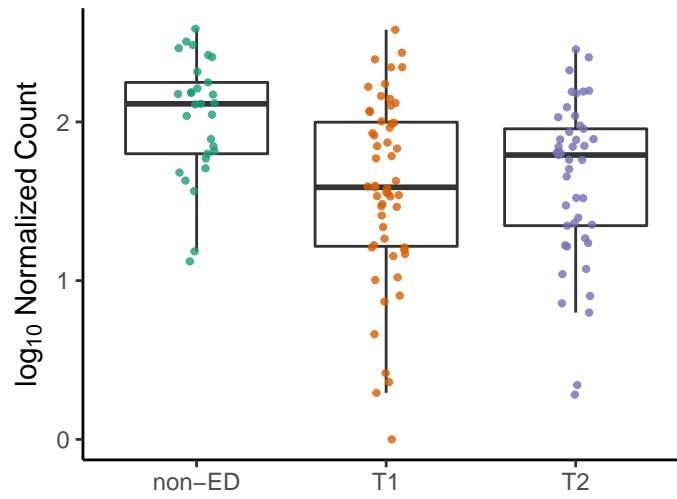
### *Pseudoalteromonas agarivorans*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.00037  
 T1 vs. T2 adjusted p = 0.85



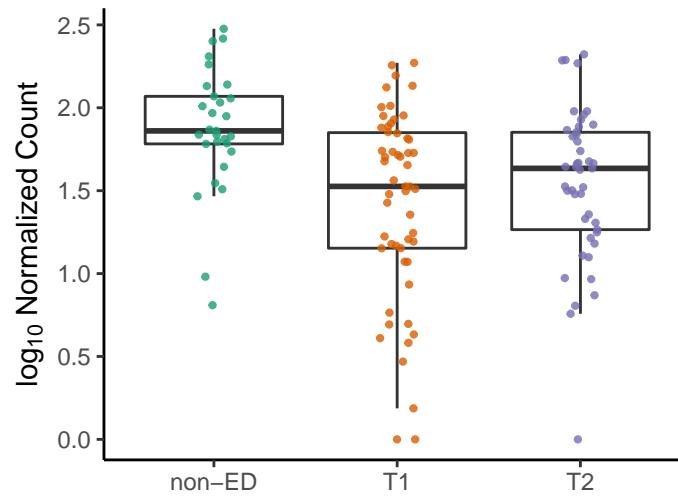
### *Rhodococcus* sp. PBTS 1

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.85



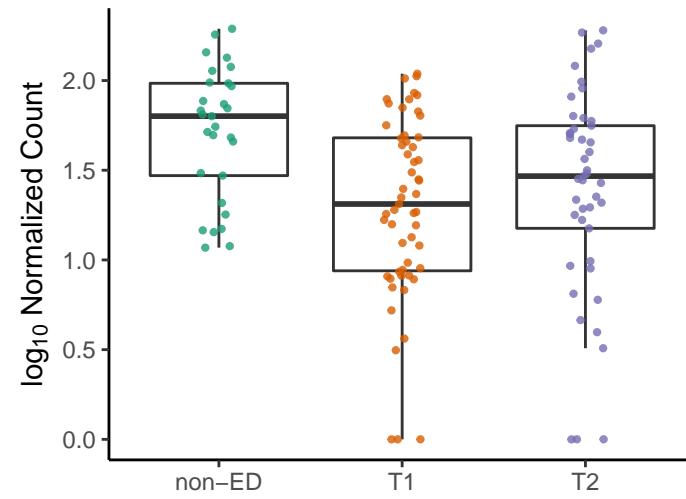
### *Sulfitobacter* sp. SK011

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.85



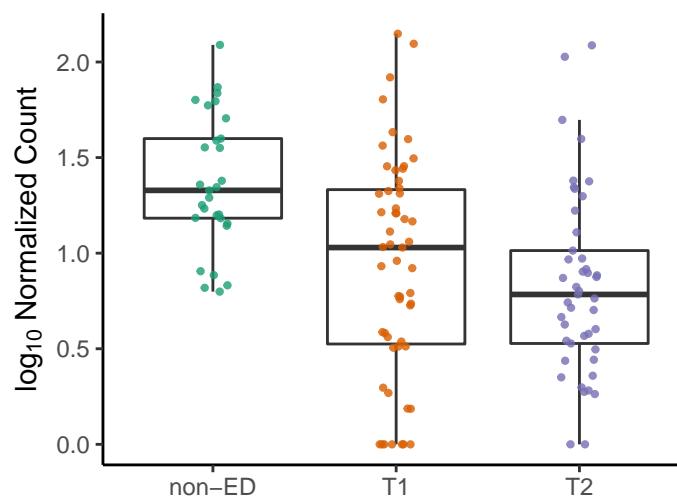
### *Tatlockia micdadei*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.87



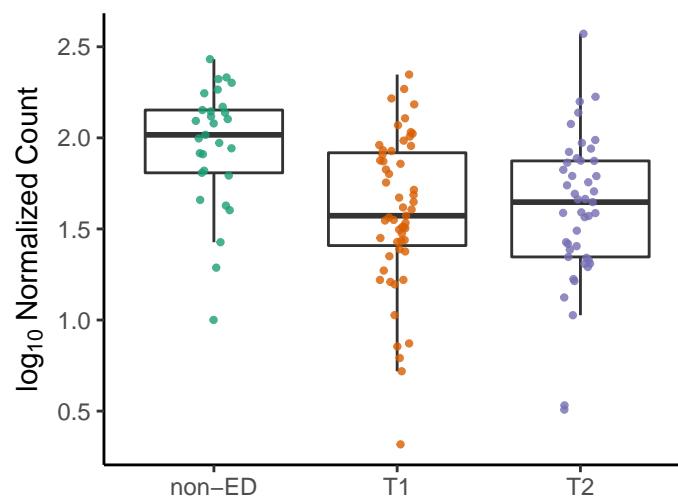
### *Natronobacterium gregoryi*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.00039  
 T1 vs. T2 adjusted p = 0.85



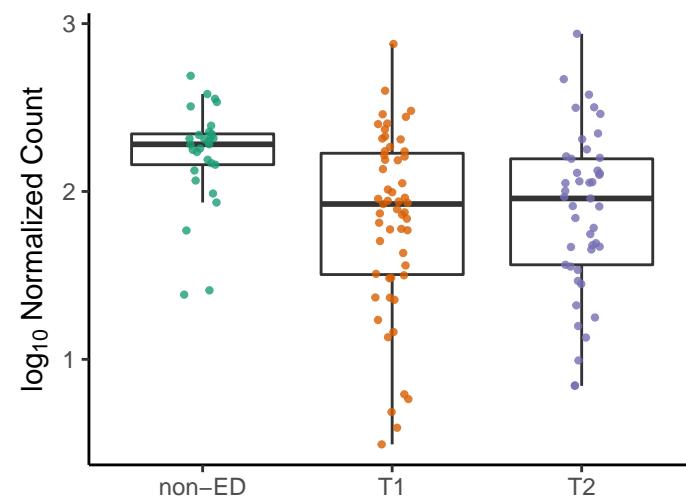
### *Caldicellulosiruptor saccharolyticus*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.98



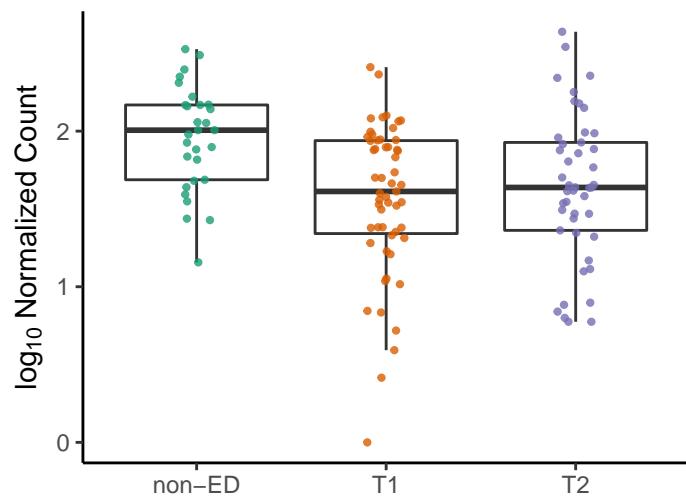
### *Novosphingobium resinovorum*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.85



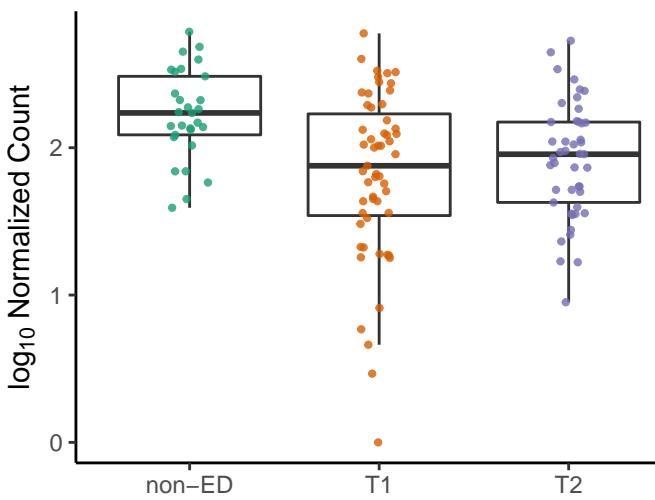
### *Pseudomonas* sp. 02C 26

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.87



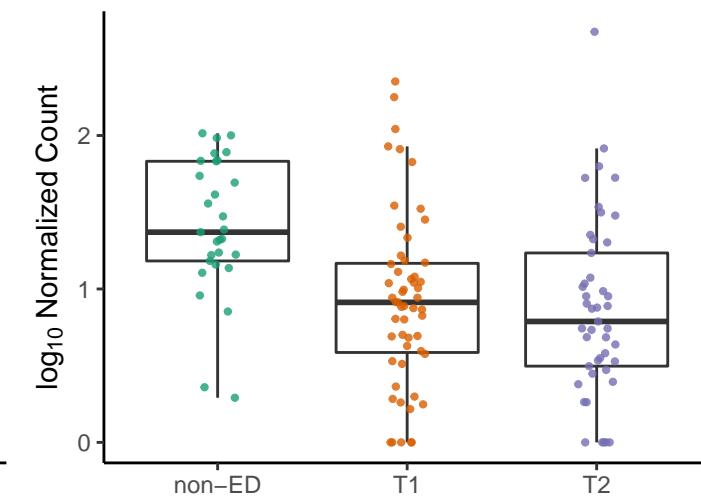
### *Sanguibacter* keddieii

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.85



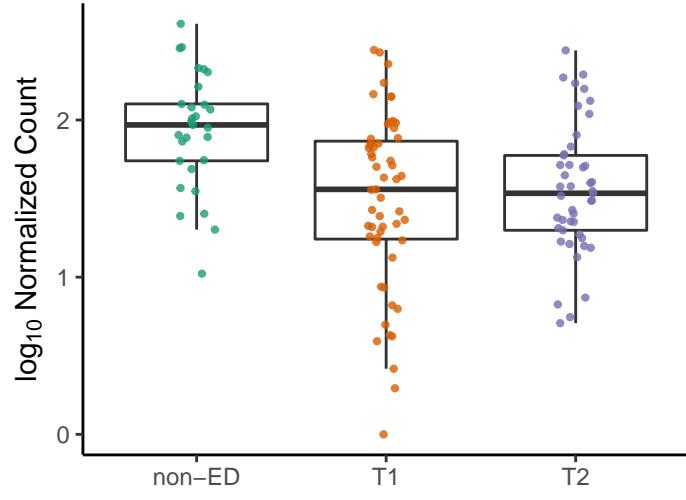
### *Borrelia* sp. CA690

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.94



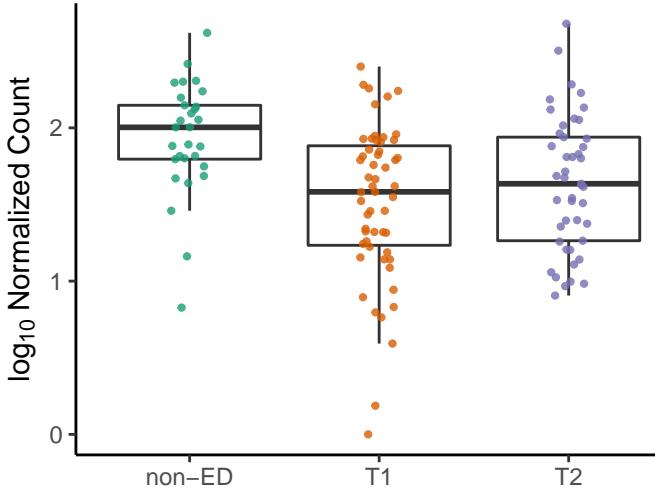
### *Thalassococcus* sp. S3

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



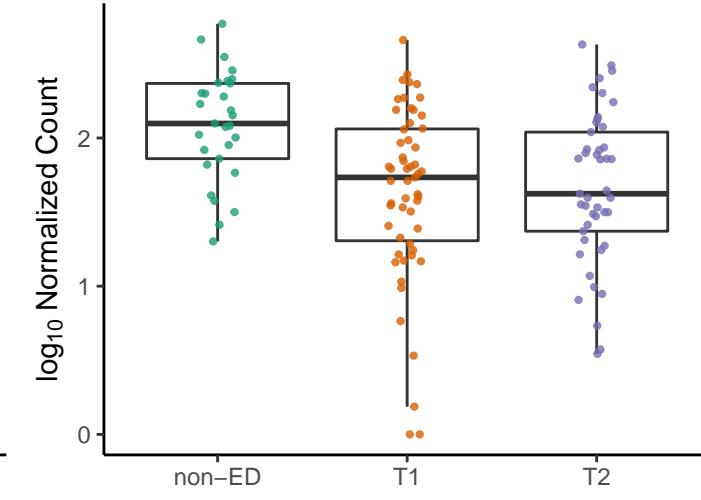
### *Synechococcus* sp. KORDI-49

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



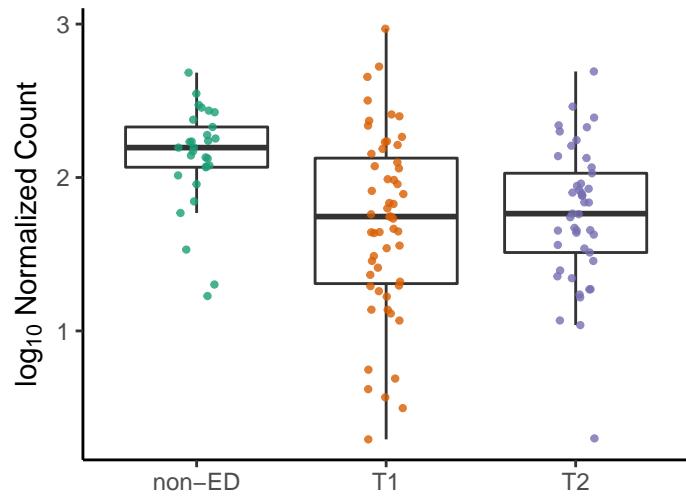
### *Acidovorax* sp. T1

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.87



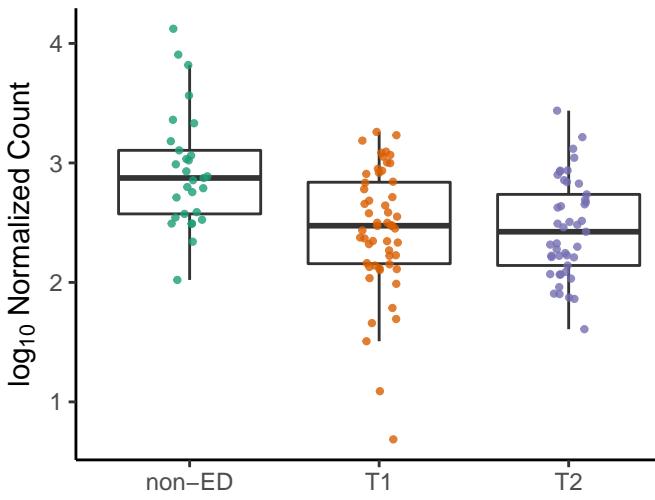
### *Microbacterium aurum*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.85



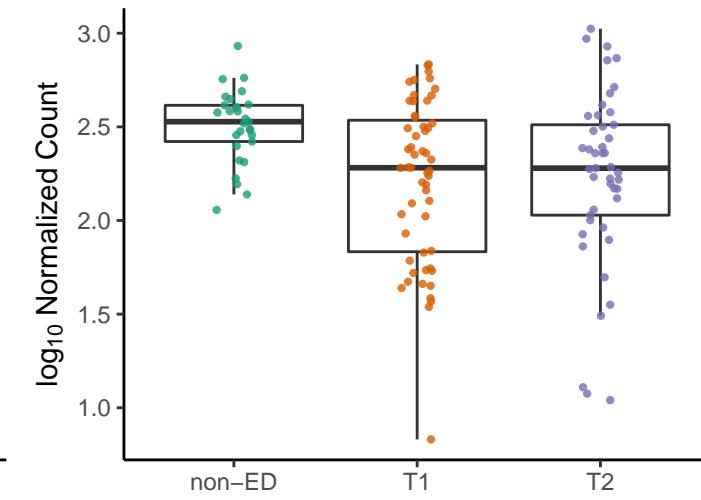
### *Bifidobacterium thermophilum*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.93



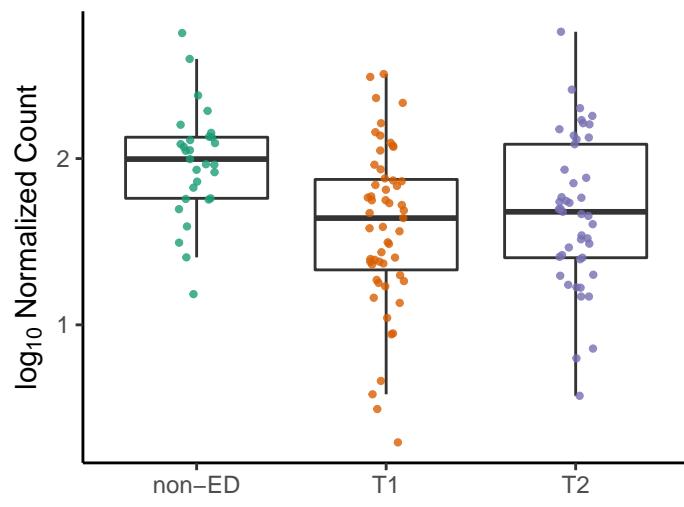
### *Geobacter* sp. M18

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.87



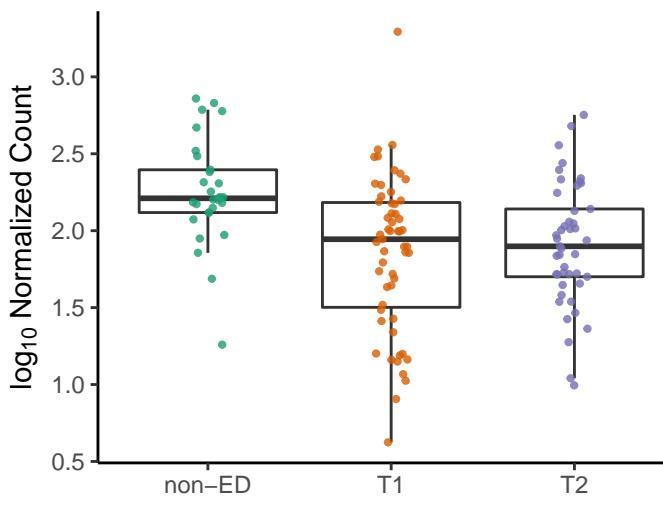
### *Gordonia insulae*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



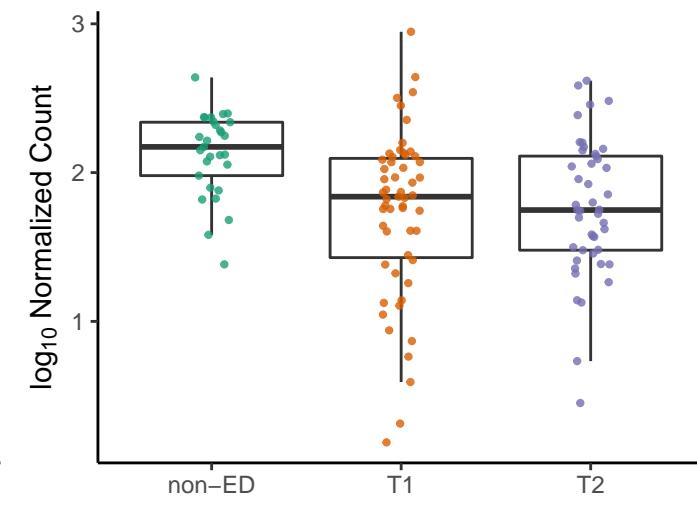
### *Mesorhizobium amorphae*

non-ED vs. T1 adjusted p = 0.0022  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.85



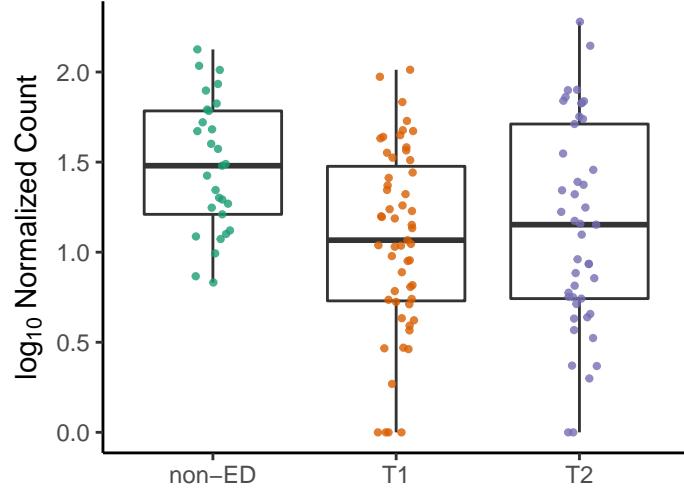
### *Acidovorax* sp. KKS102

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.87



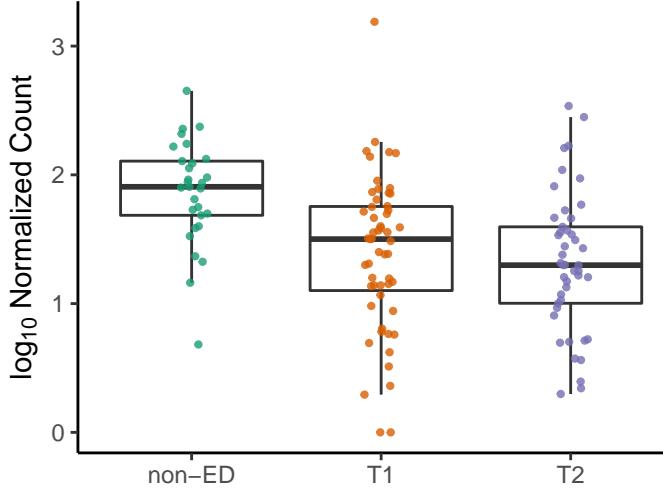
### Rickettsiales endosymbiont of Stachyar

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.86



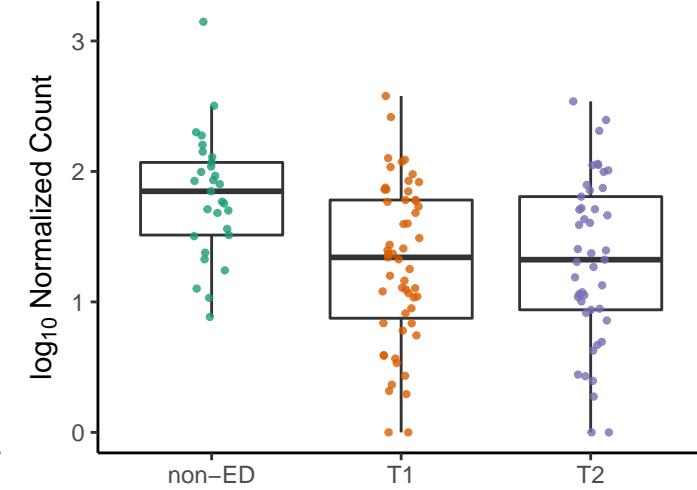
### *Pseudomonas coronafaciens*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0015  
 T1 vs. T2 adjusted p = 0.9



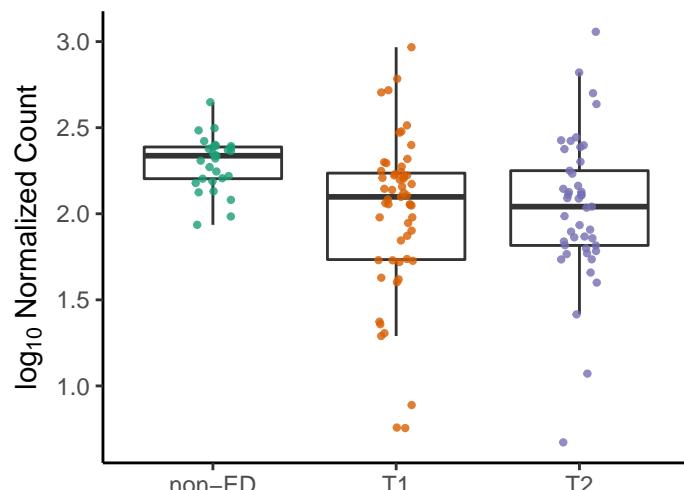
### *Bifidobacterium indicum*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.85



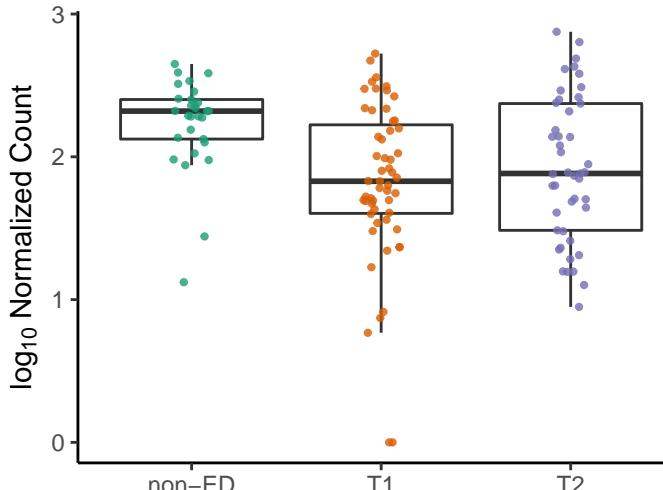
### *Chryseobacterium* sp. 17S1E7

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.98



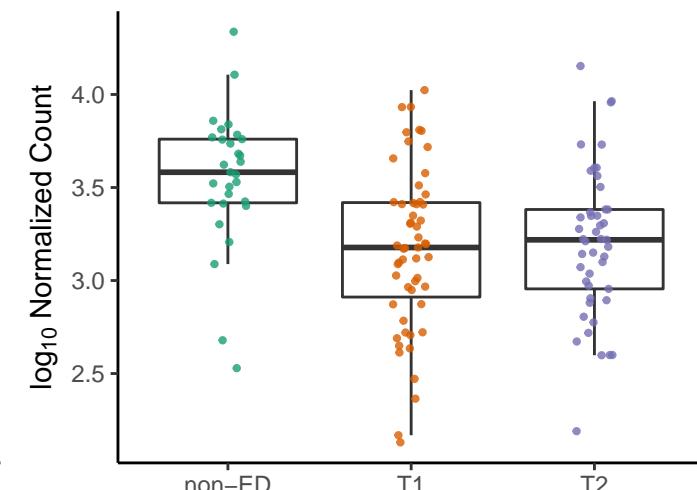
### *Illumatobacter coccineus*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



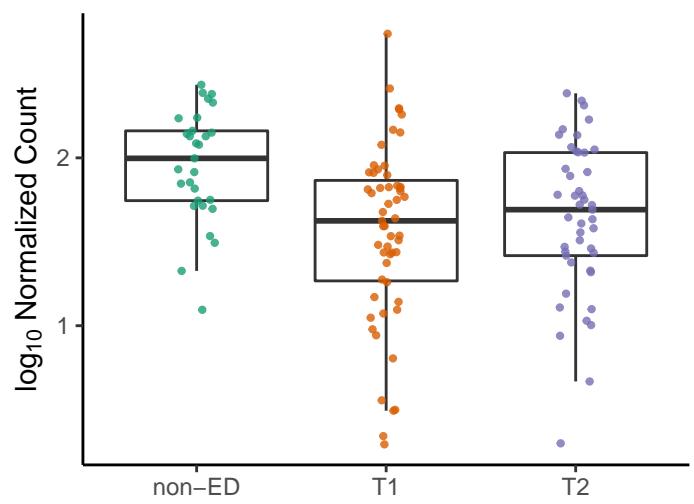
### *Ruminococcus albus*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0043  
 T1 vs. T2 adjusted p = 0.87



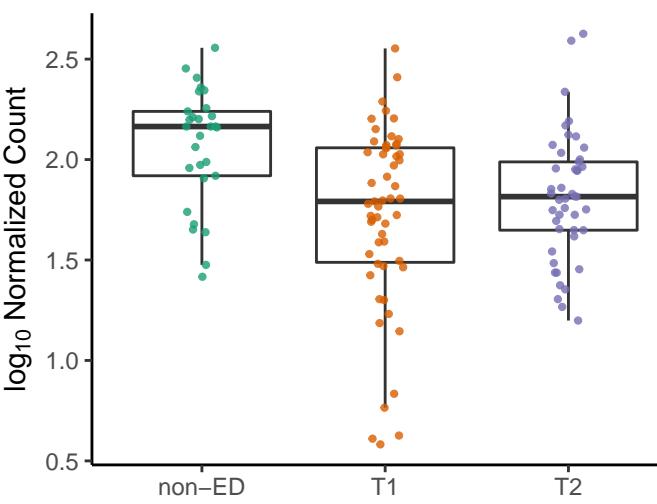
### *Streptomyces* sp. Mg1

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



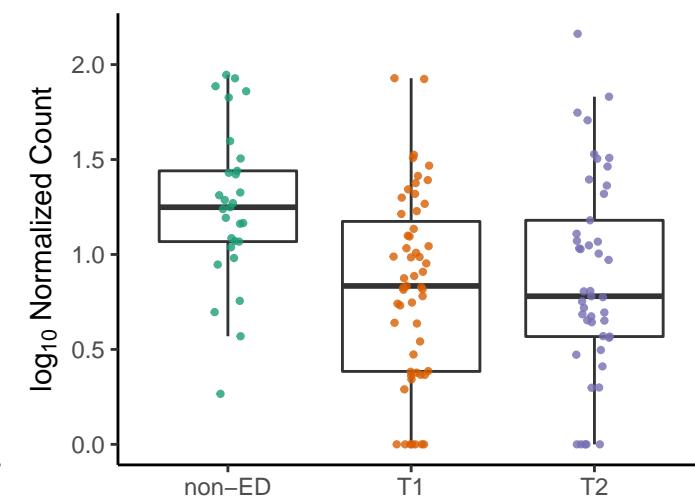
### *Sulfuriferula* sp. AH1

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0074  
 T1 vs. T2 adjusted p = 0.85



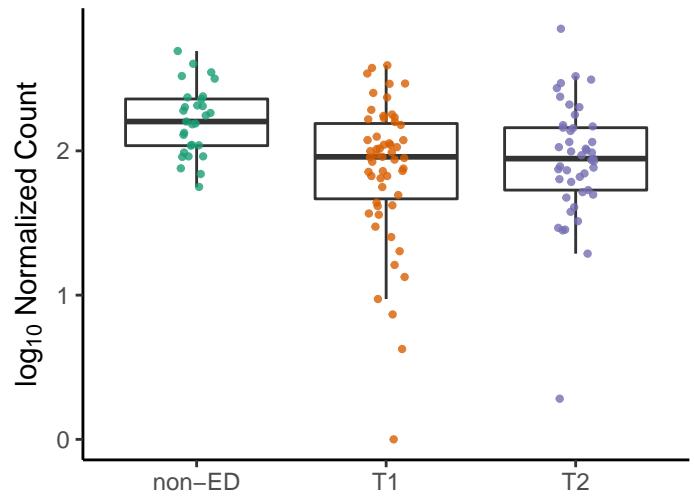
### *Thermococcus eurythermalis*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0077  
 T1 vs. T2 adjusted p = 0.87



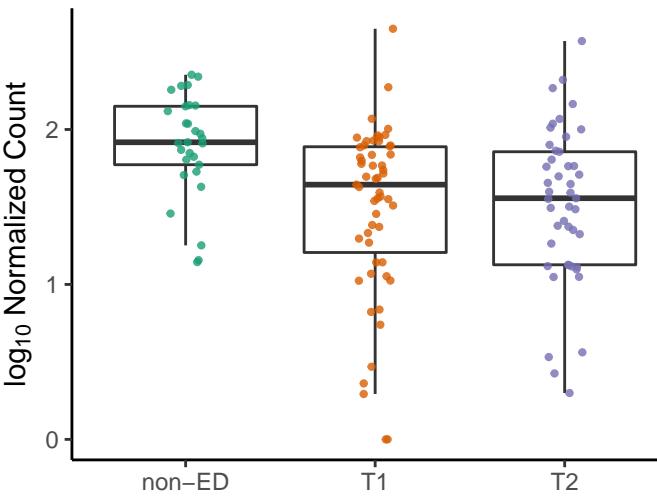
### *Thioflavibacter mobilis*

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



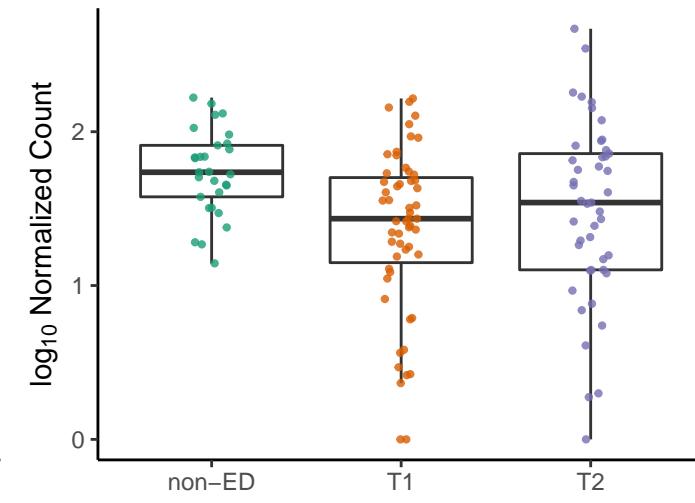
### *Citromicrobium* sp. JL477

non-ED vs. T1 adjusted p = 0.0023  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.85



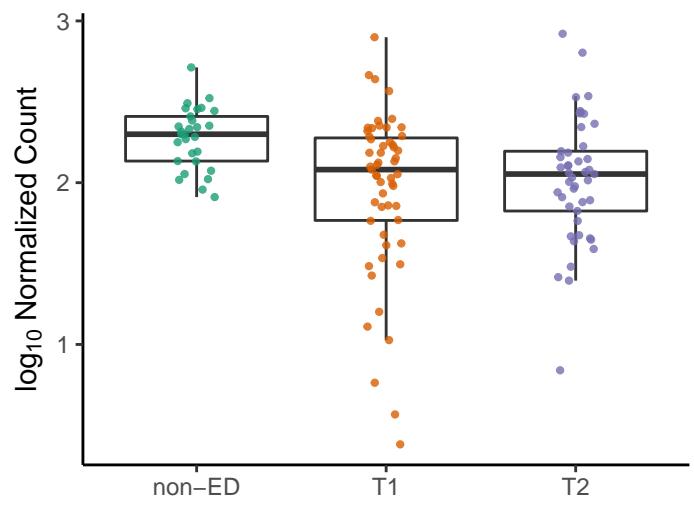
### *Rathayibacter tritici*

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



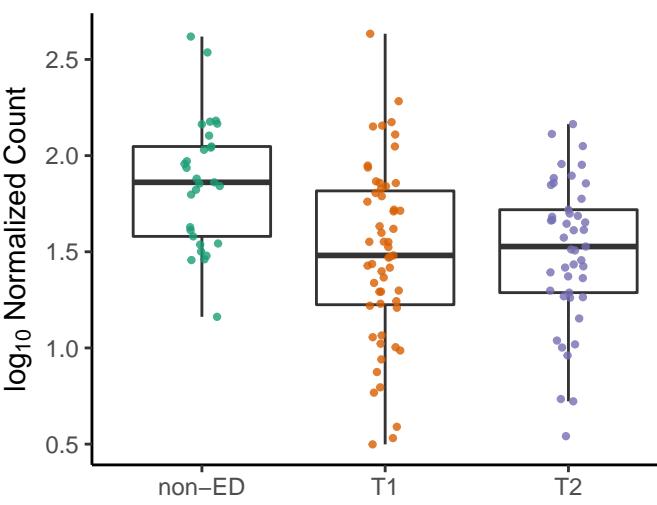
### *Pelobacter* sp. SFB93

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.85



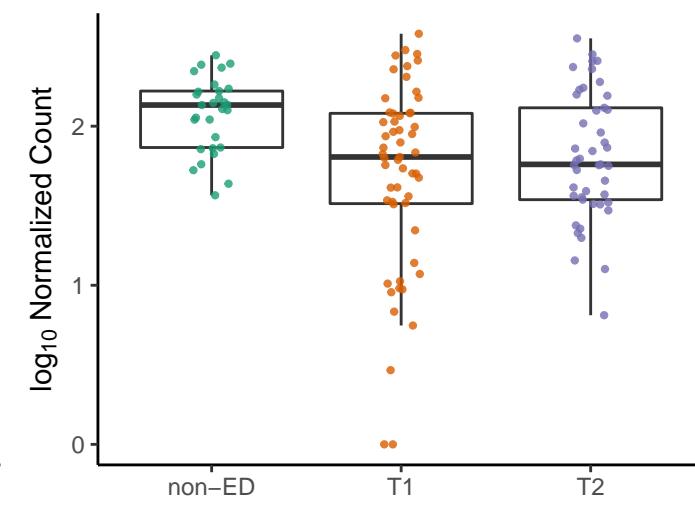
### *Paraburkholderia* sp. Msb3

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.86



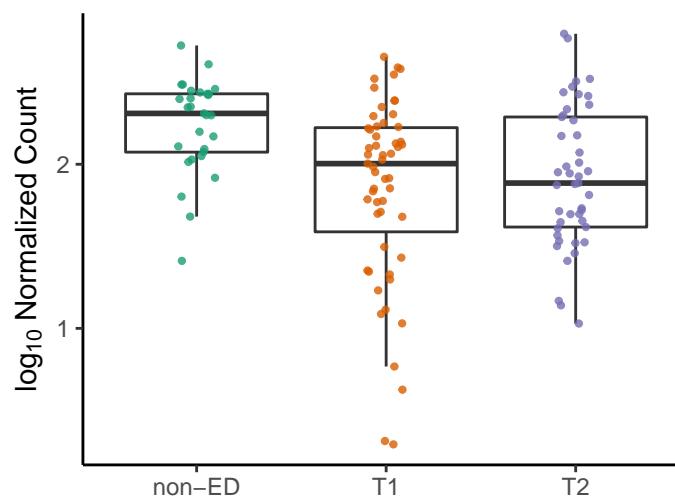
### *Roseimarinima ulvae*

non-ED vs. T1 adjusted p = 0.0024  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



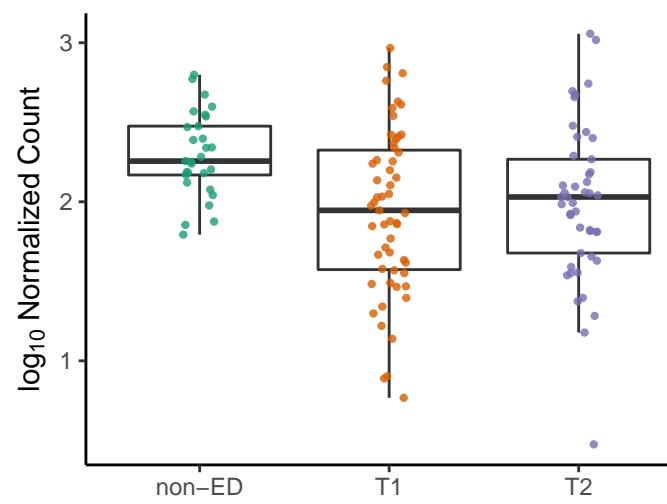
### Nocardia arthritidis

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.0048  
T1 vs. T2 adjusted p = 0.85



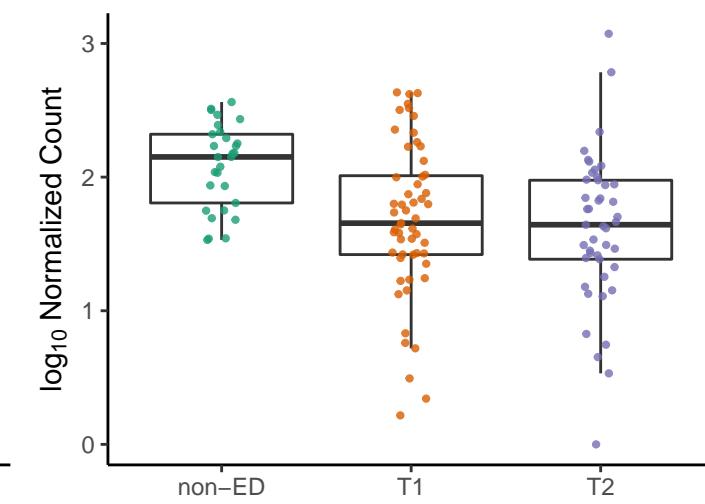
### Propioniciclavula sp. HDW11

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.85



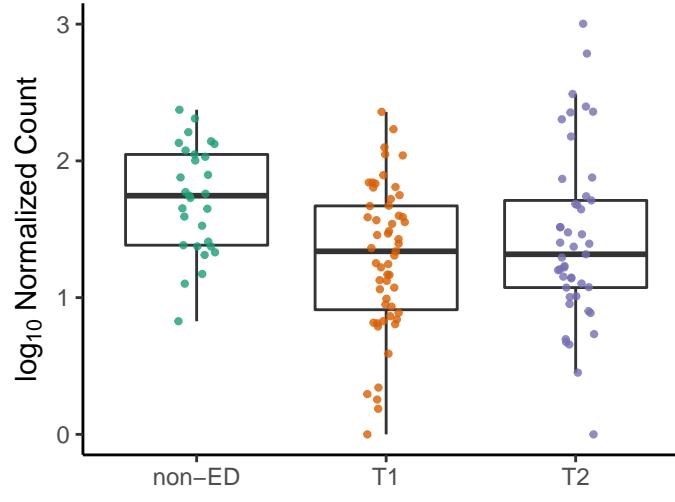
### Brevibacterium sp. WO024

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.87



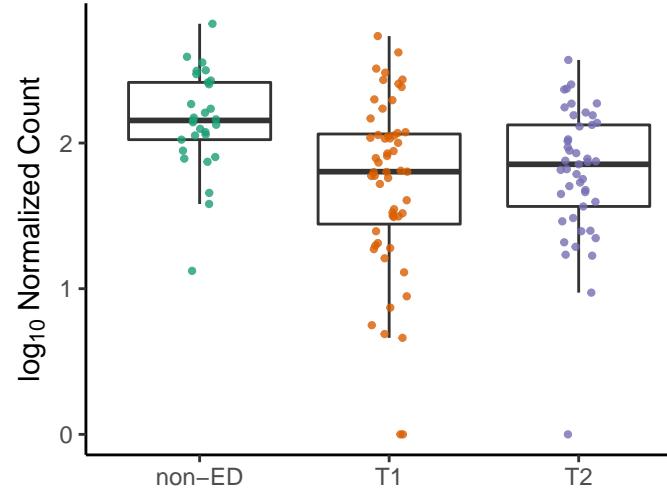
### Burkholderia metallica

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



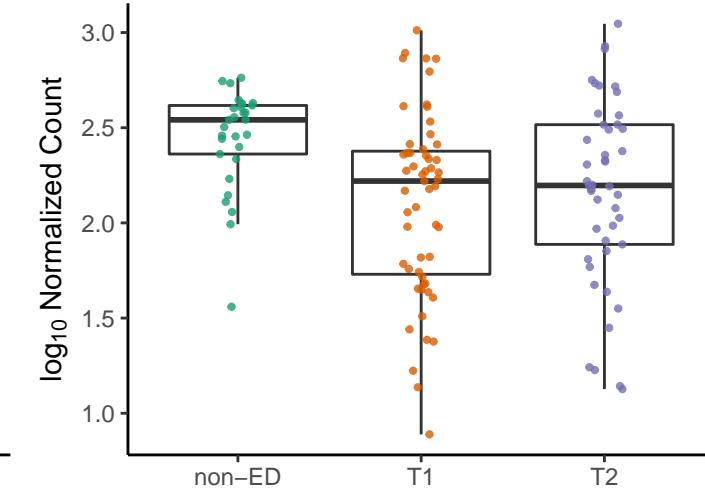
### Mycobacterium phlei

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.85



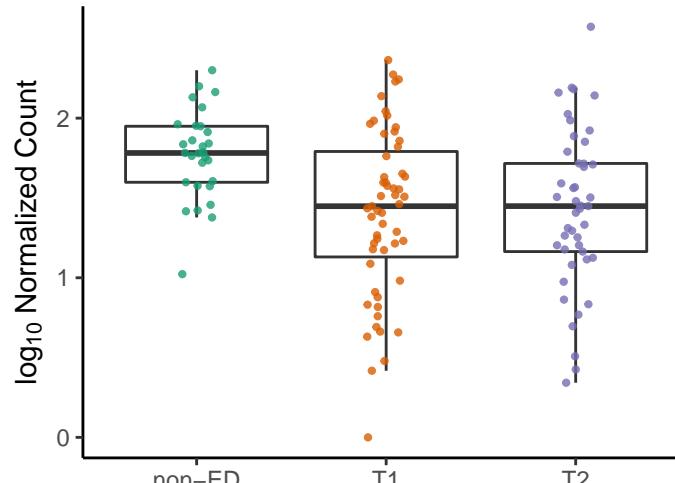
### Actinoplanes sp. N902–109

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



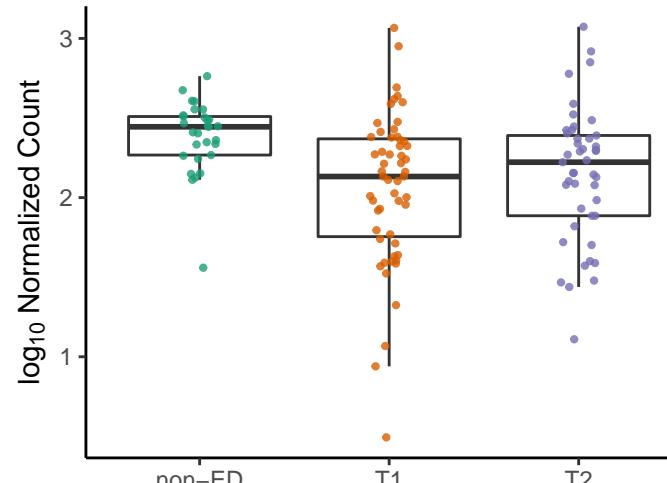
### Actinobacillus porcitonsillarum

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.0053  
T1 vs. T2 adjusted p = 0.98



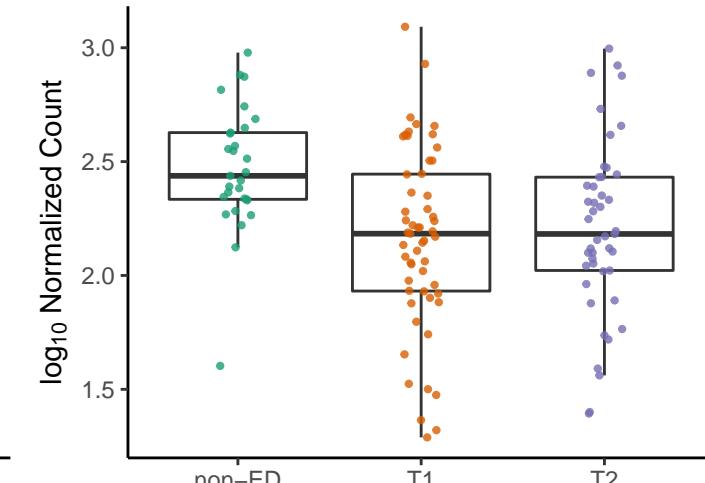
### Planctomyces sp. SH-PL14

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



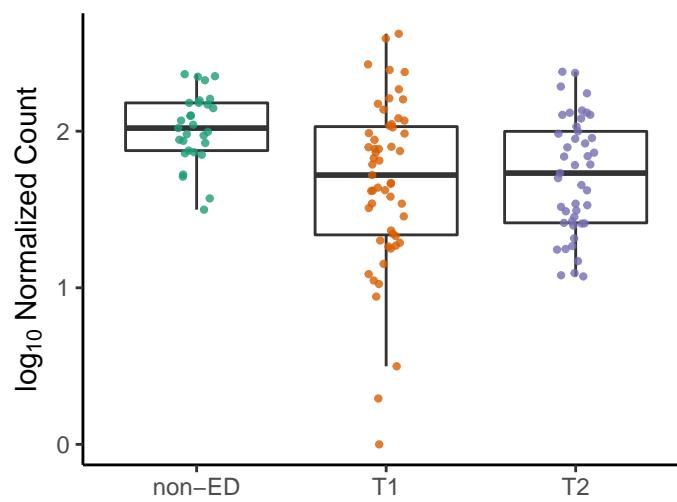
### Unclassified Edwardsiella Genus

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.0084  
T1 vs. T2 adjusted p = 0.85



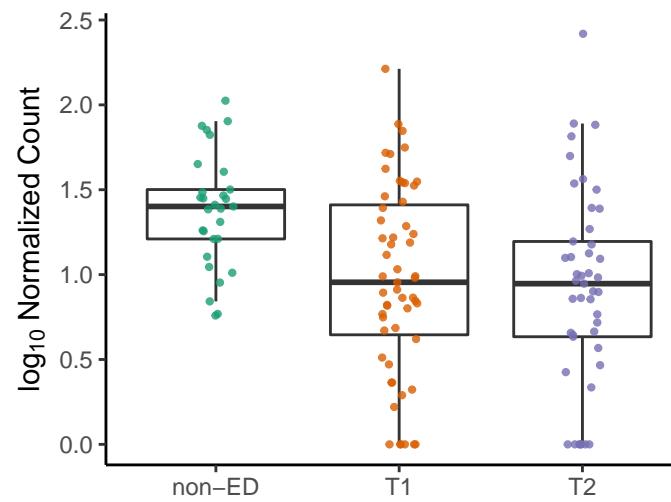
### *Corynebacterium riegelii*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.86



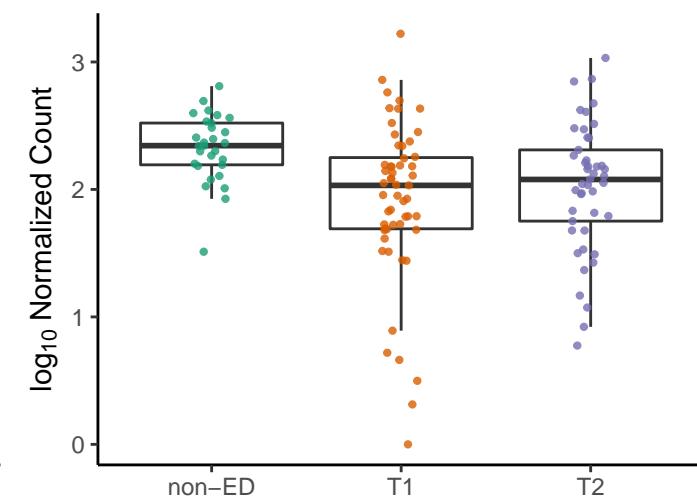
### *Methanocaldococcus infernus*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.97



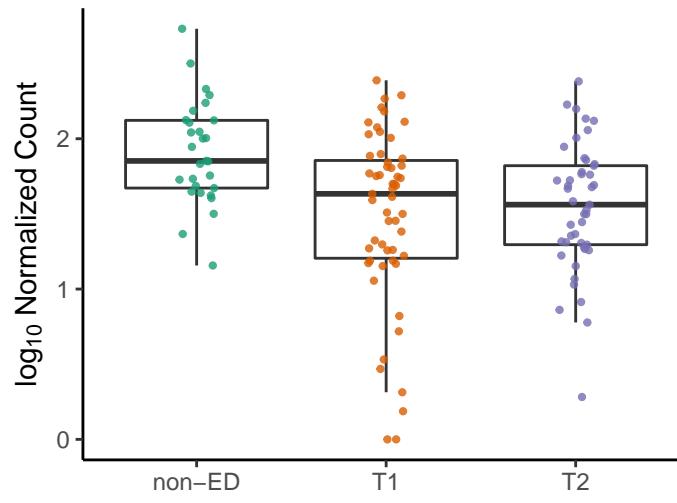
### *Paludisphaera borealis*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.85



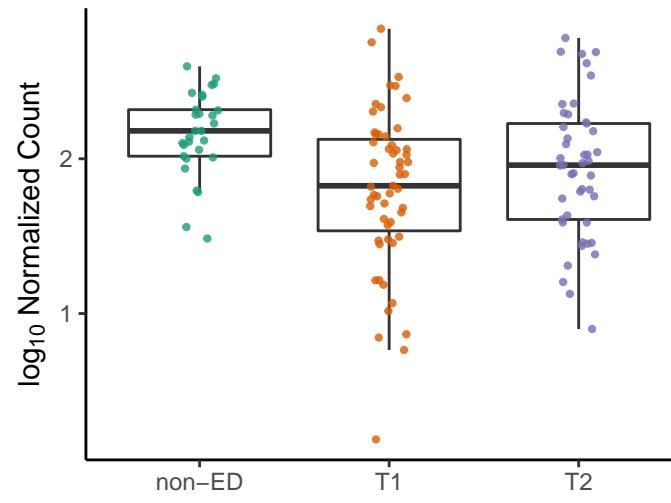
### *Methanosaeta harundinacea*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.9



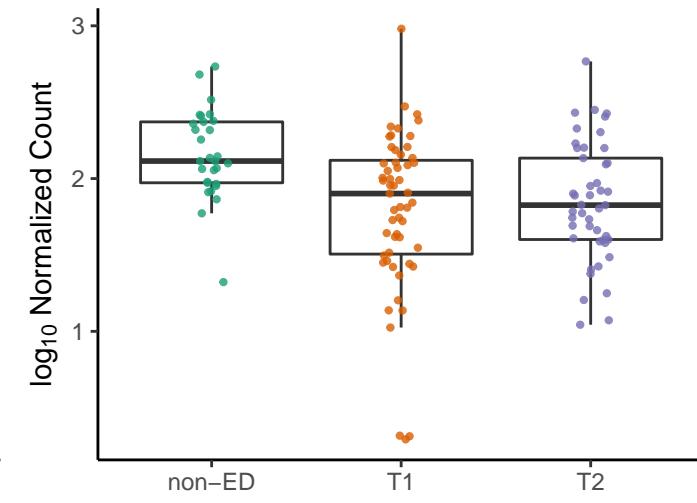
### *Antarctobacter heliothermus*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



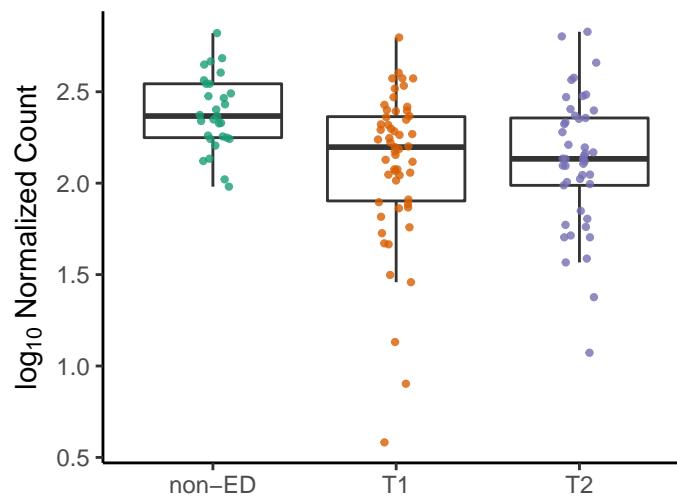
### *Chromatiaceae bacterium 2141T.STBD.0*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.85



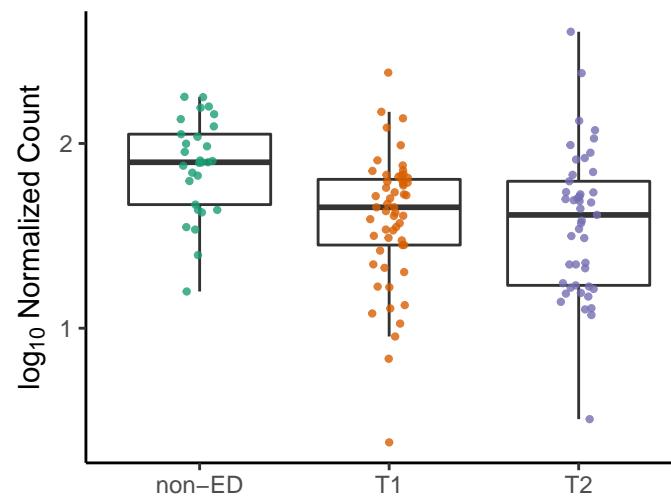
### Unclassified Acetobacter Genus

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.9



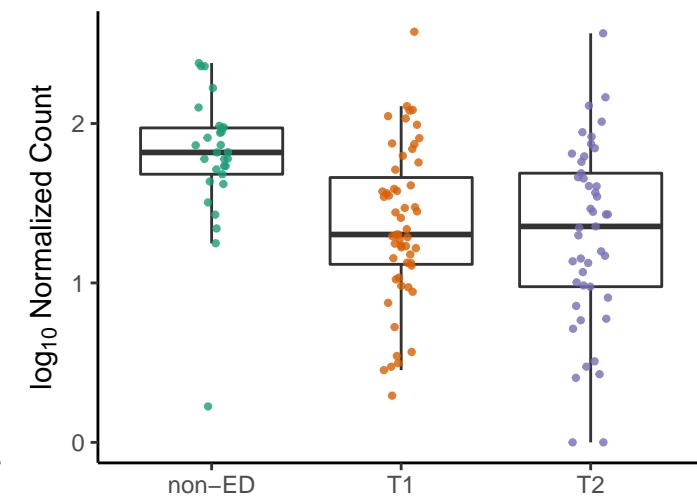
### *Chamaesiphon minutus*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.87



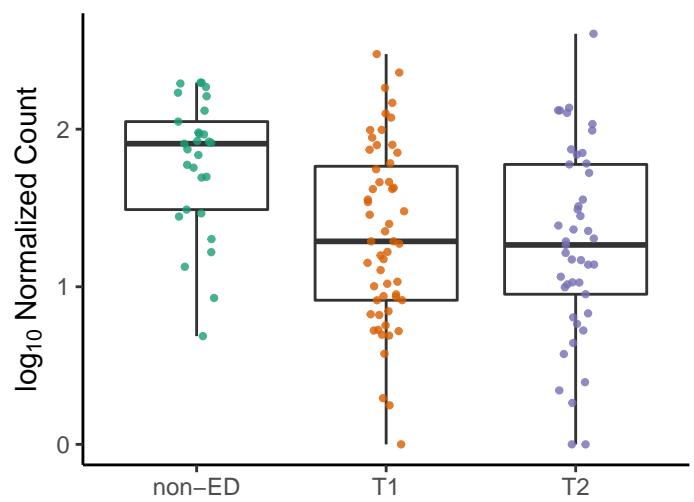
### *Ephemeroptericola cinctostellae*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.86



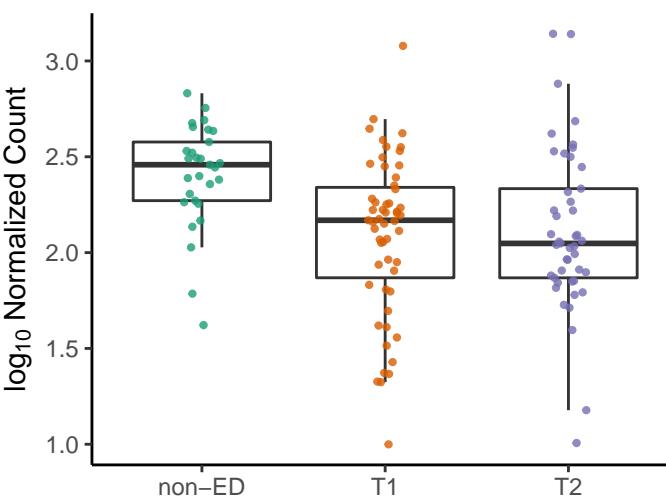
### *Francisella* sp. FSC1006

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.87



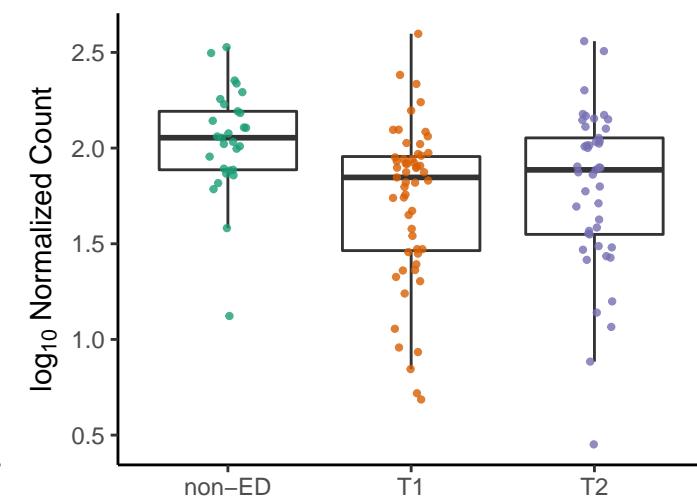
### *Geobacter daltonii*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.86



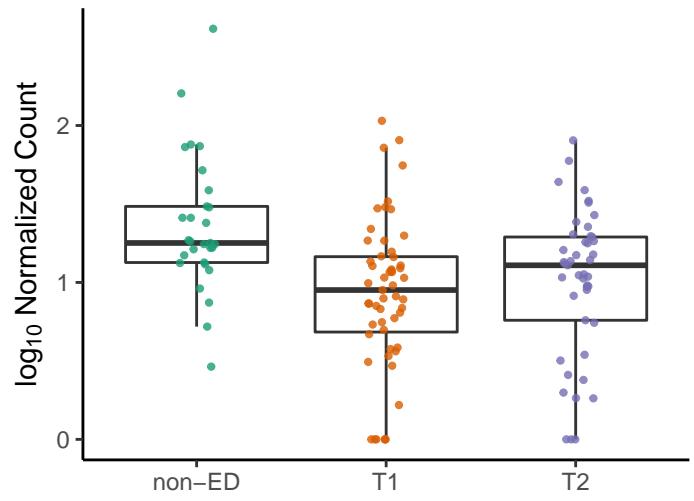
### *Kushneria* sp. YCWA18

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



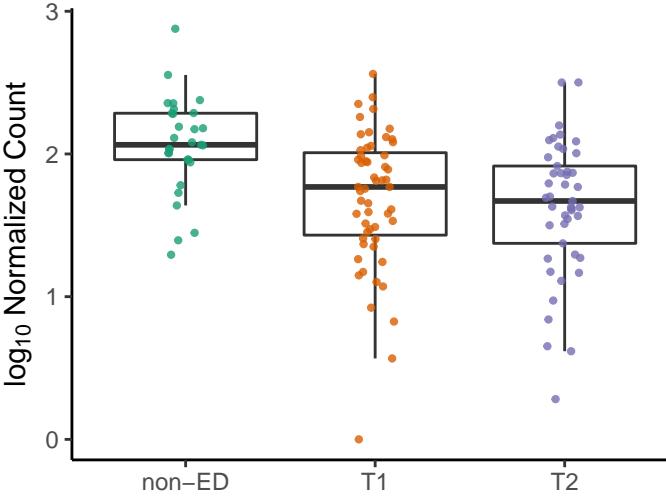
### *Labrenzia aggregata*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



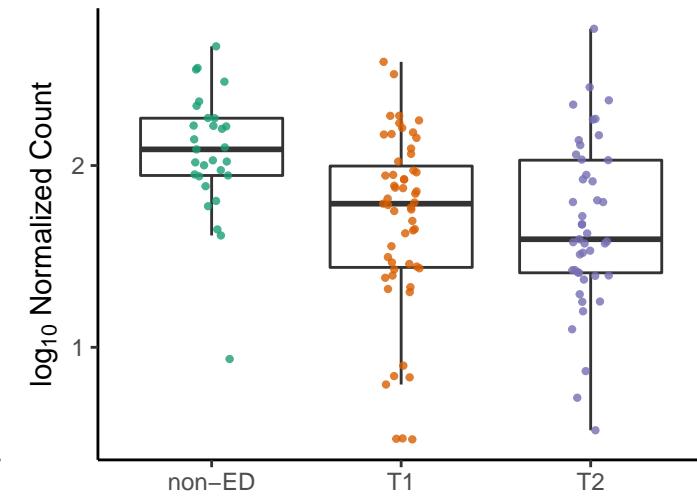
### *Mesotoga prima*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.95



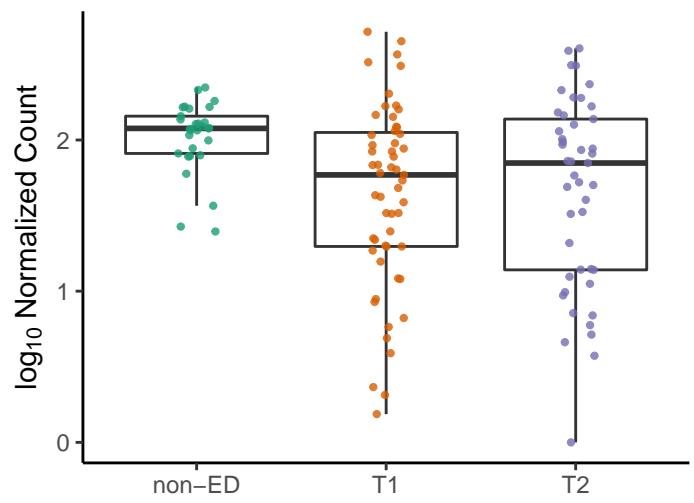
### *Octadecabacter* sp. SW4

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.98



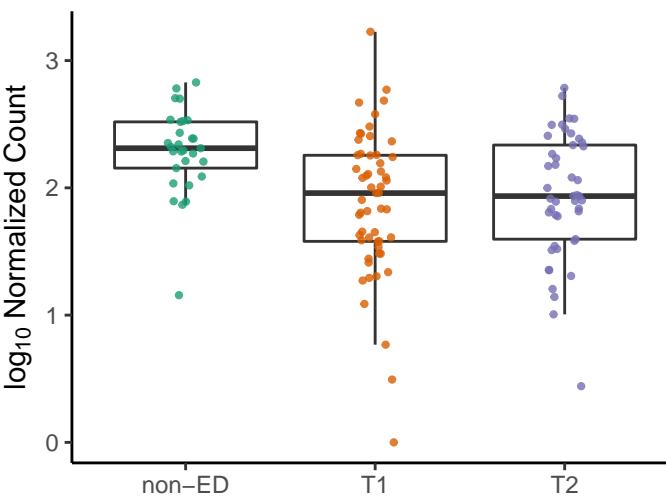
### *Pandoraea apista*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.9



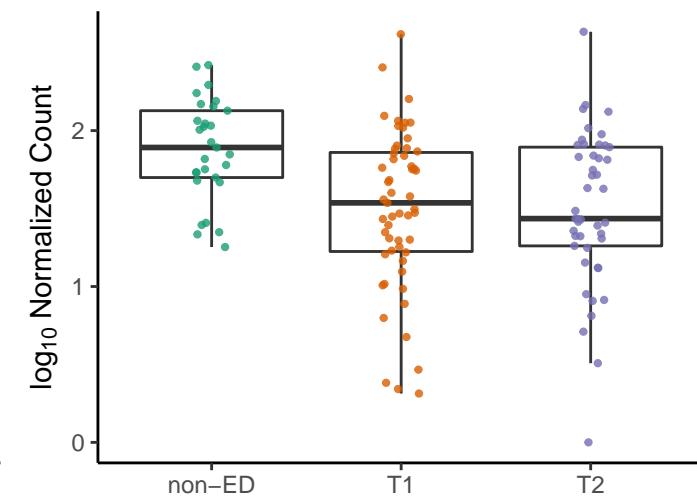
### *Phreatobacter cathodiphilus*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.85



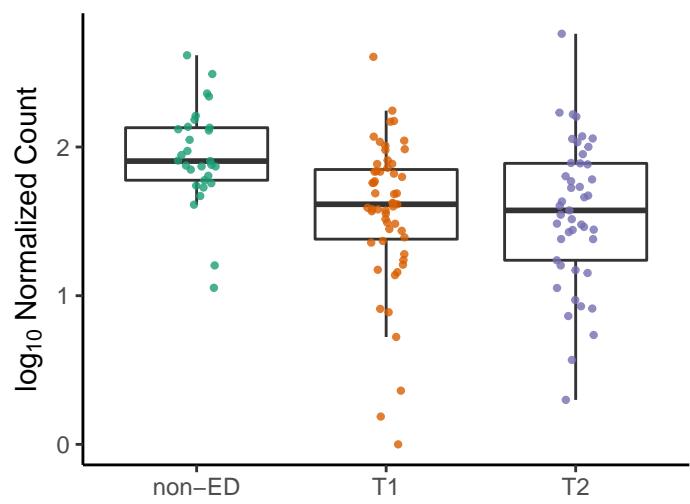
### *Pseudomonas* sp. M30–35

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.98



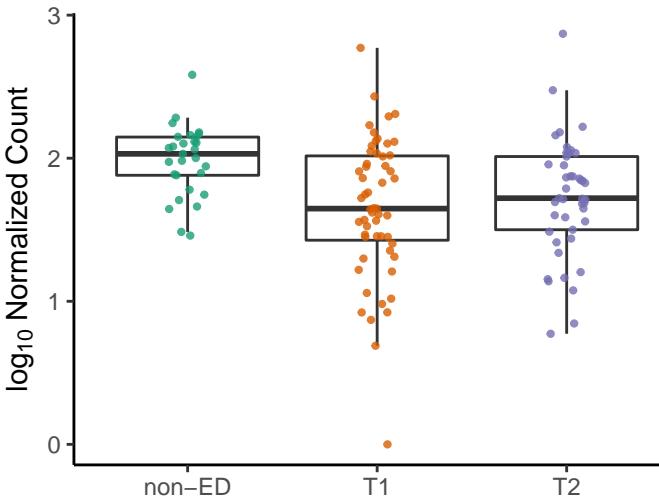
### *Pantoea rwandensis*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.97



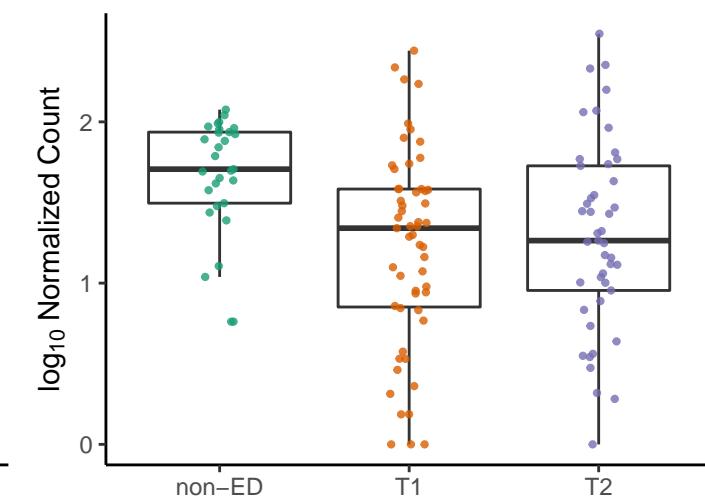
### *Pseudomonas* sp. OIL-1

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



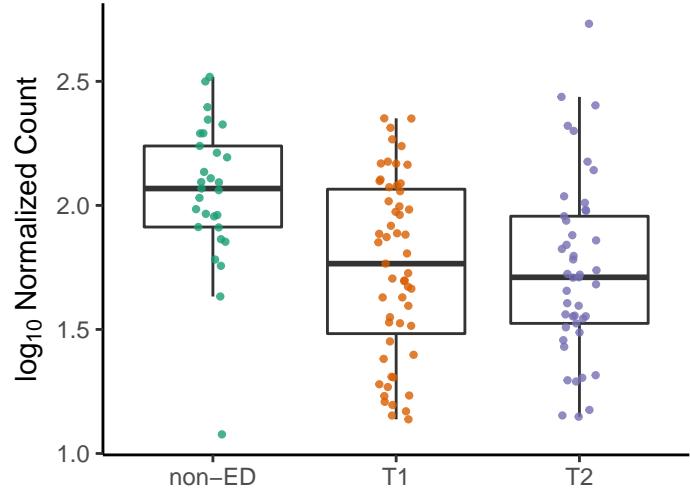
### *Streptomyces* sp. 11-1-2

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.85



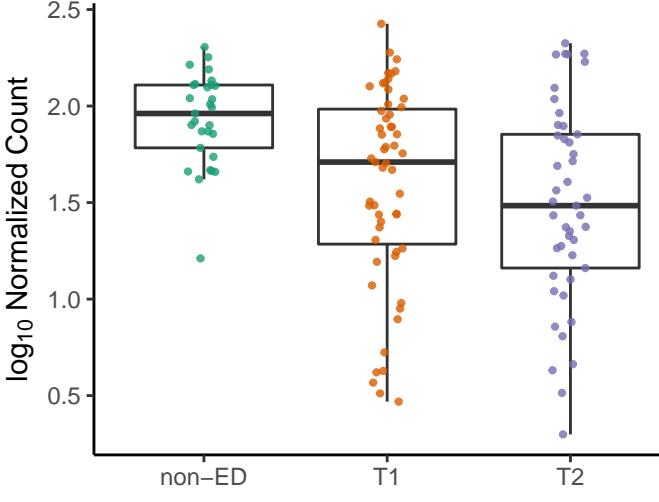
### Unclassified Alteromonas Genus

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.98



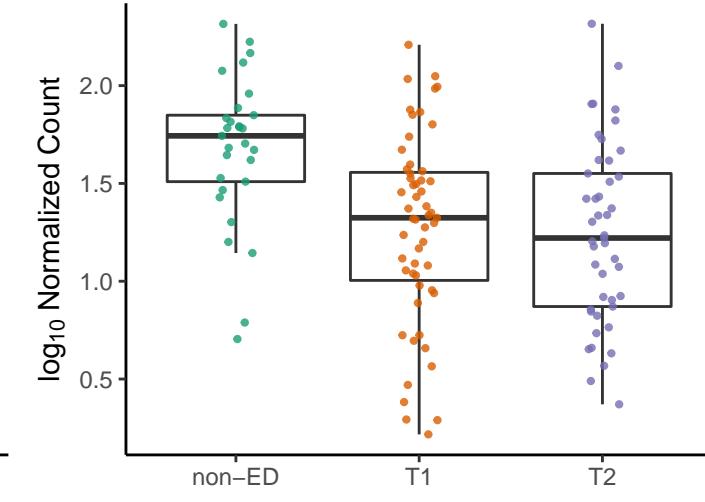
### *Bradyrhizobium paxillaeri*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0015  
 T1 vs. T2 adjusted p = 0.86



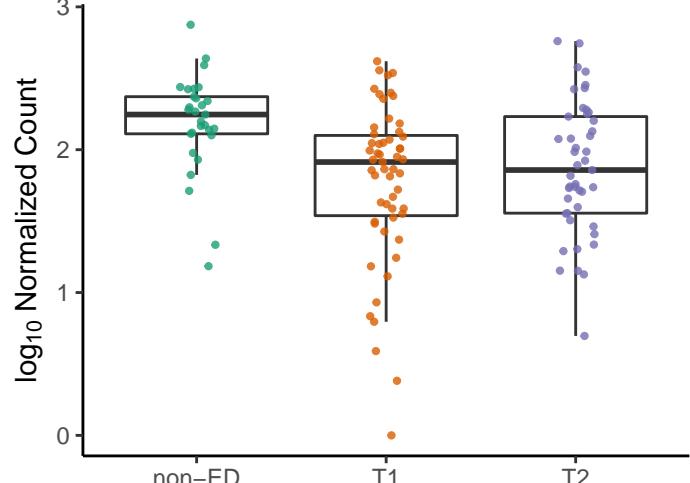
### *Candidatus Baumannia cicadellinicola*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.98



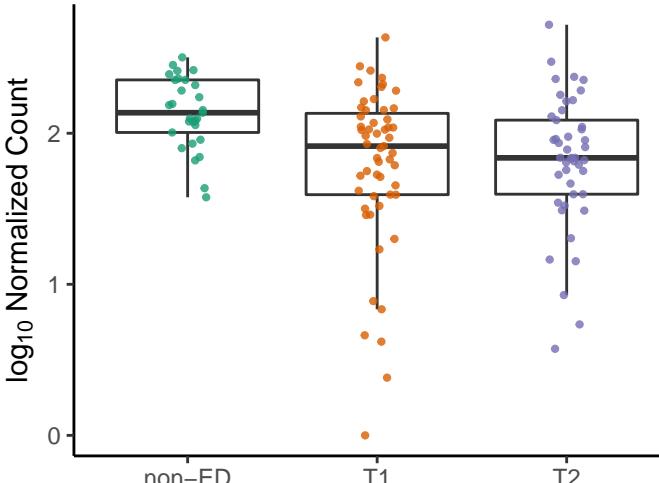
### *Magnetospirillum* sp. XM-1

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



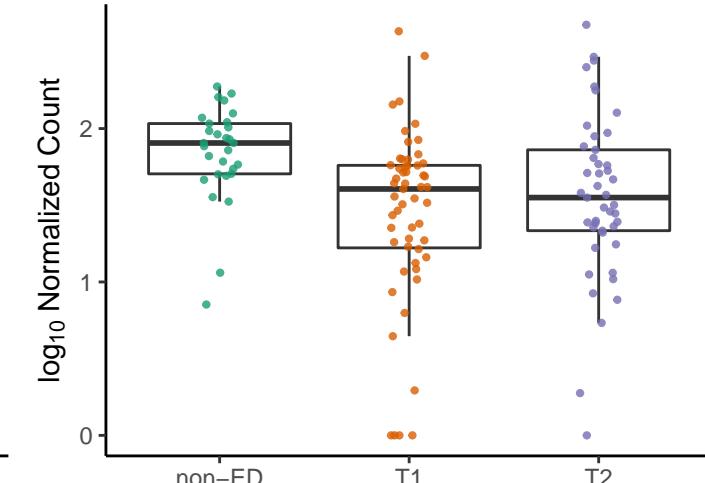
### *Mesorhizobium loti*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



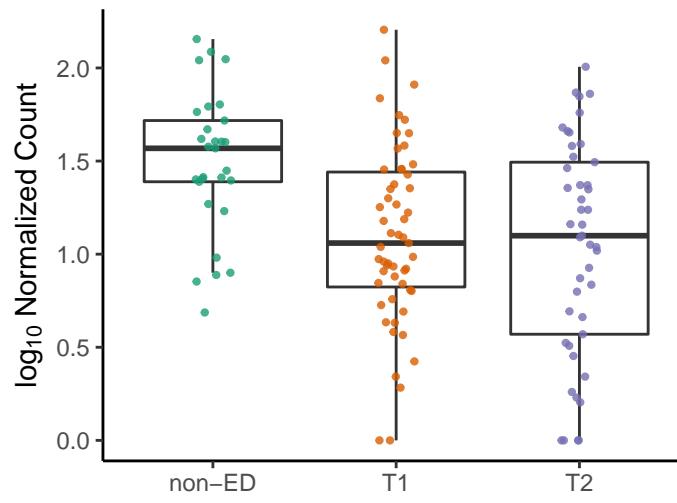
### *Mycobacterium haemophilum*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



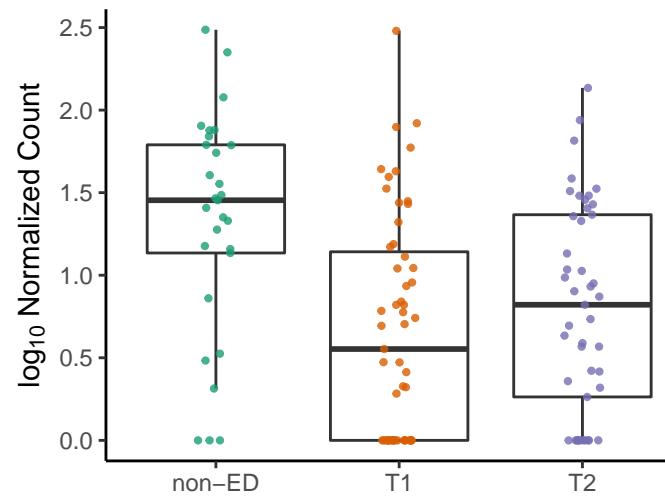
### *Mycoplasma arginini*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.86



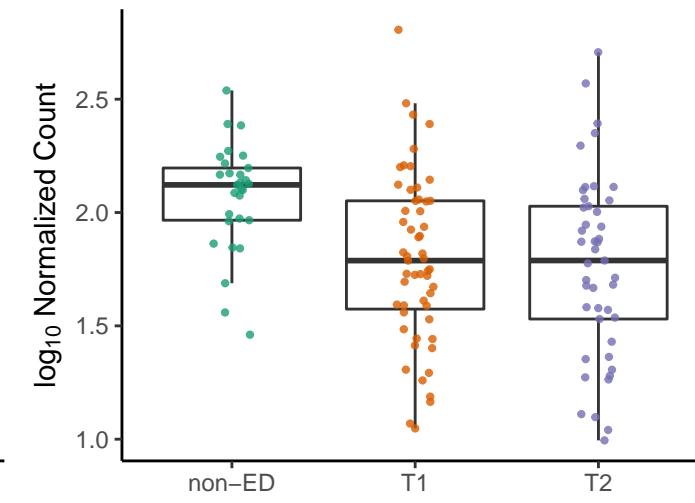
### Unclassified Georgenia Genus

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



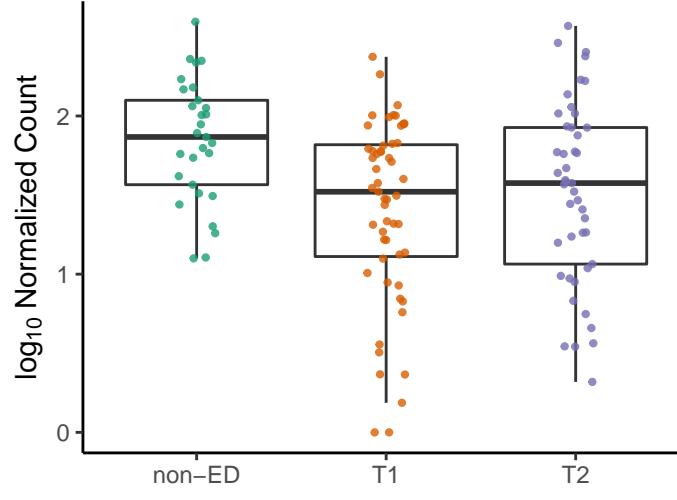
### *Exiguobacterium mexicanum*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0032  
 T1 vs. T2 adjusted p = 0.98



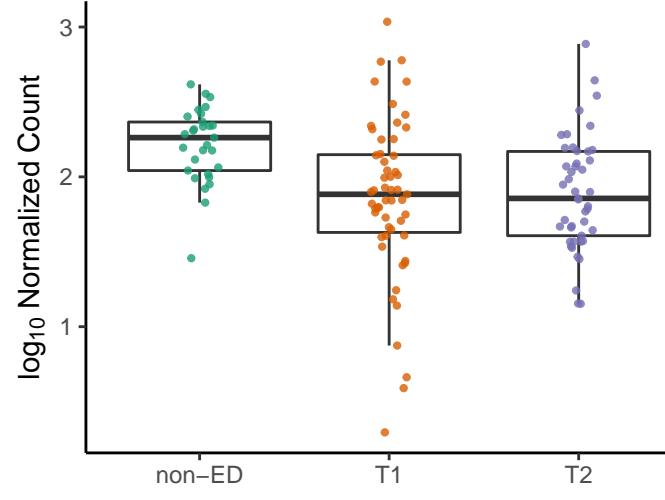
### *Burkholderia* sp. IDO3

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



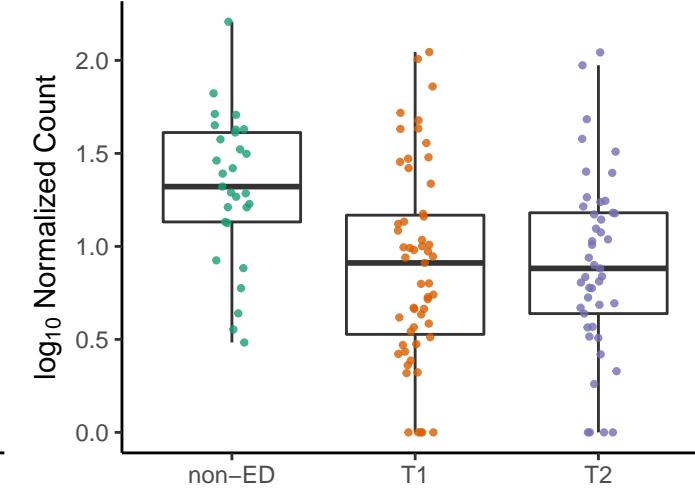
### *Egibacter rhizosphaerae*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.87



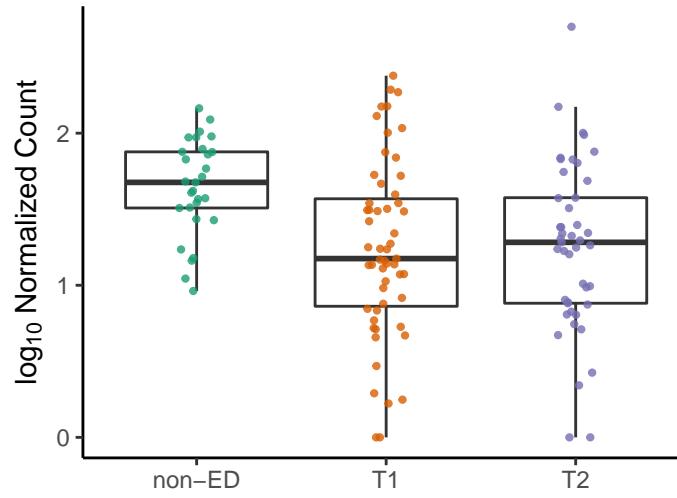
### *Ehrlichia canis*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.95



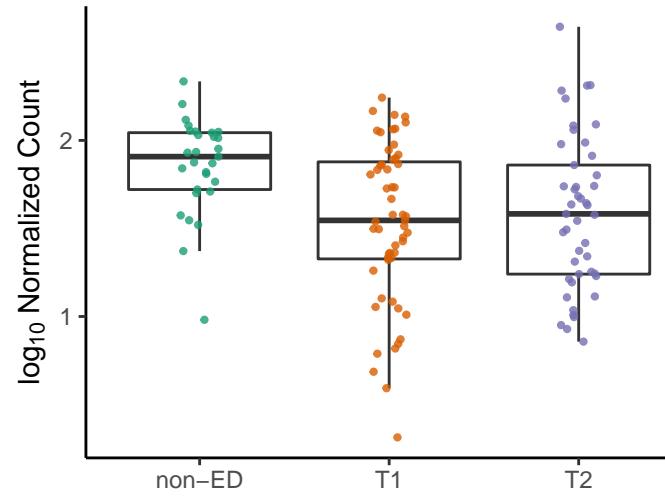
### *Methanococcoides burtonii*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0041  
 T1 vs. T2 adjusted p = 1



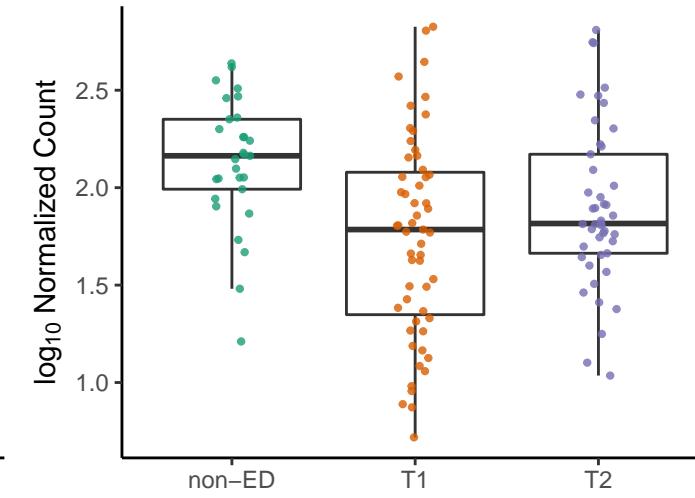
### *Rhodococcus* sp. B7740

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



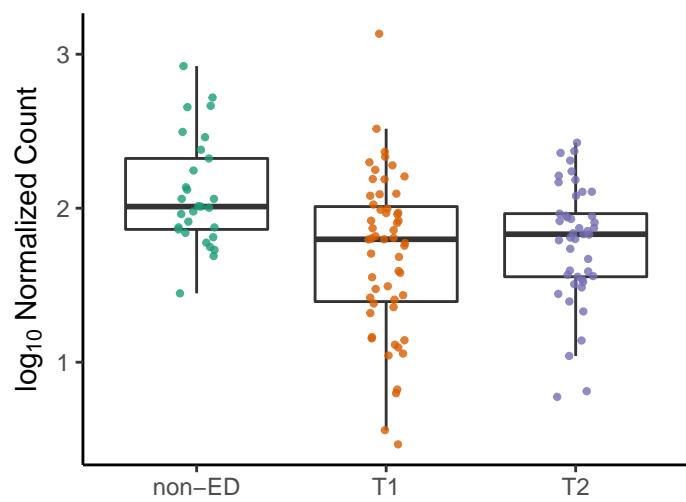
### *Roseobacter denitrificans*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



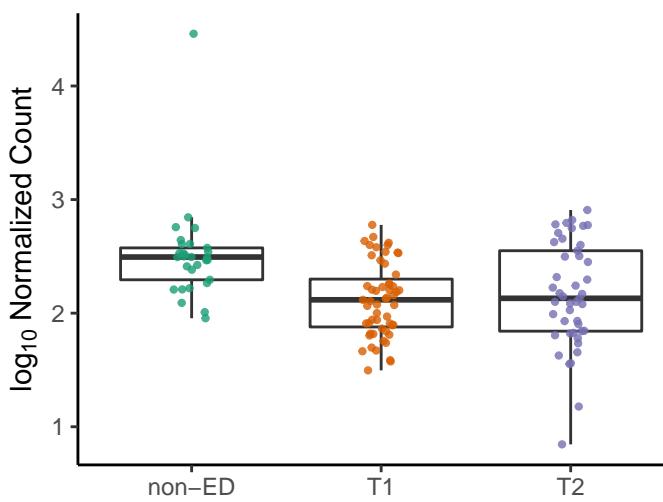
### *Sinorhizobium americanum*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.85



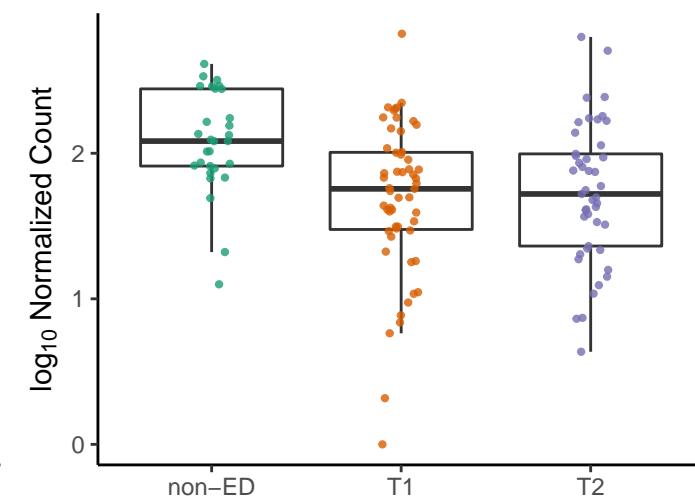
### *Succinivibrio dextrinosolvens*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.91



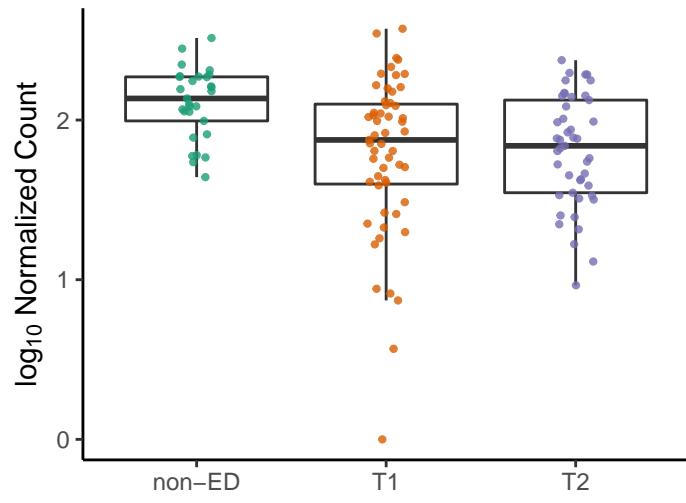
### *Synechococcus sp. PCC 7336*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.85



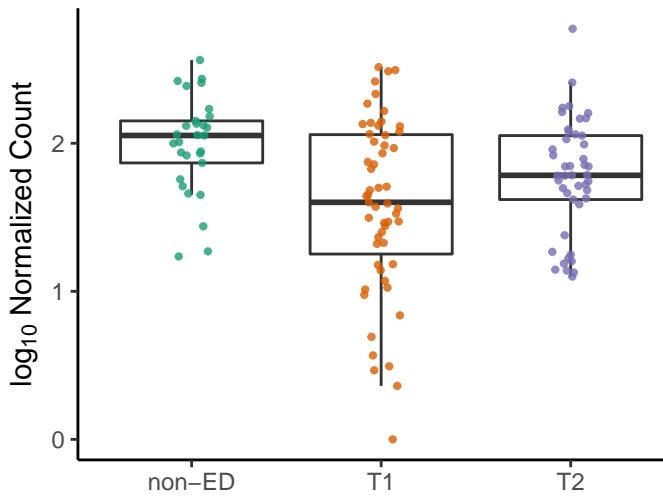
### *Thalassospira marina*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.87



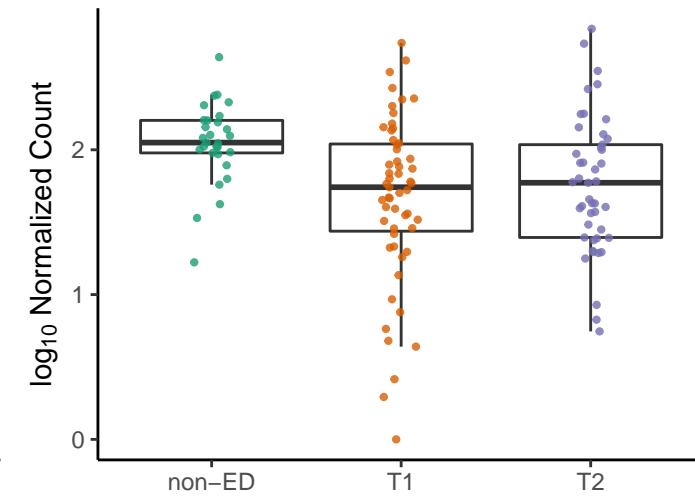
### *Thioalkalivibrio nitratireducens*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.75



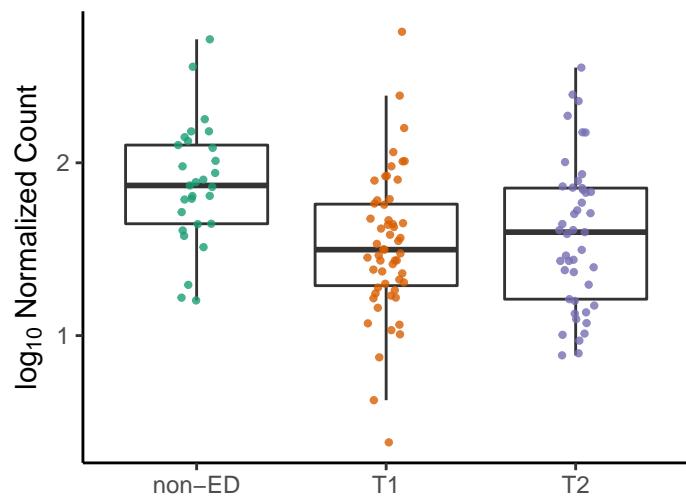
### *Thiobacillus denitrificans*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.85



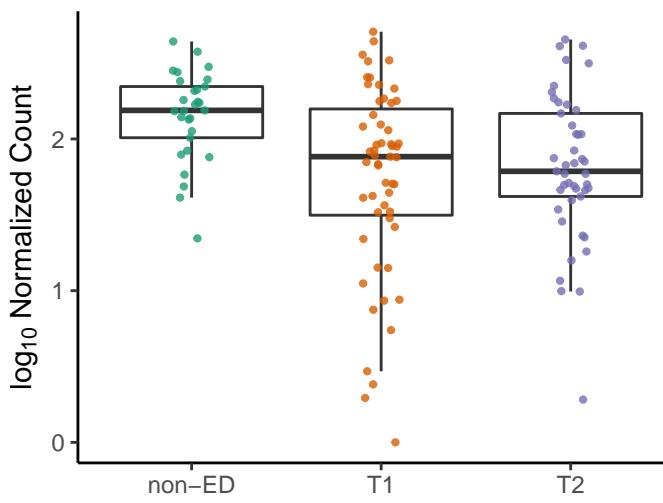
### *Thiomicrospira indica*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.86



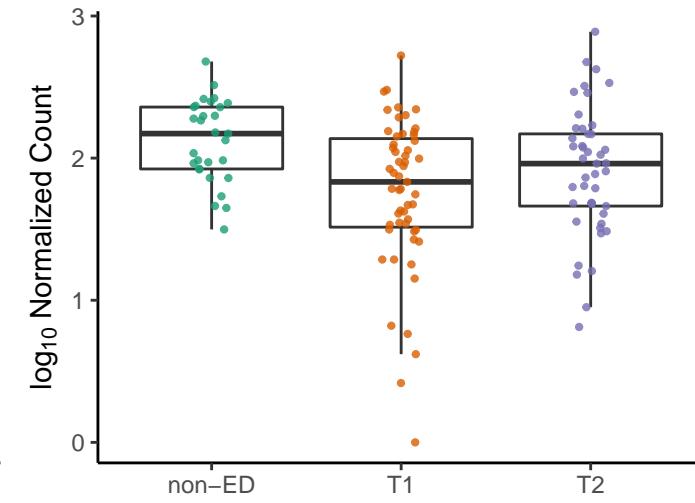
### Unclassified Magnetospirillum Genus

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.85



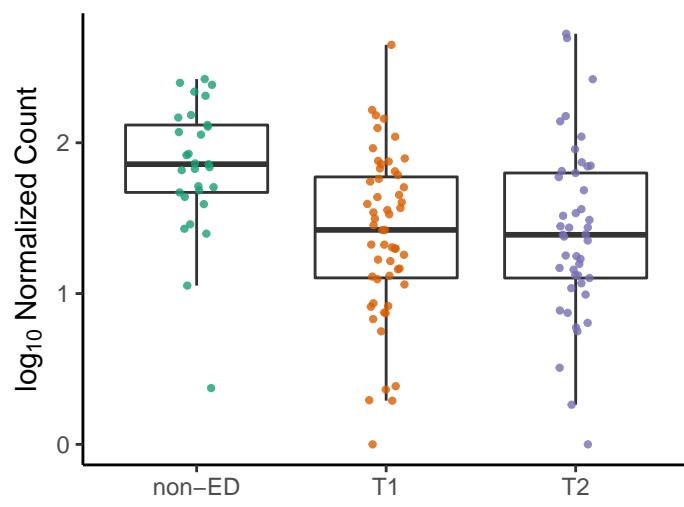
### *Roseitalea porphyridii*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



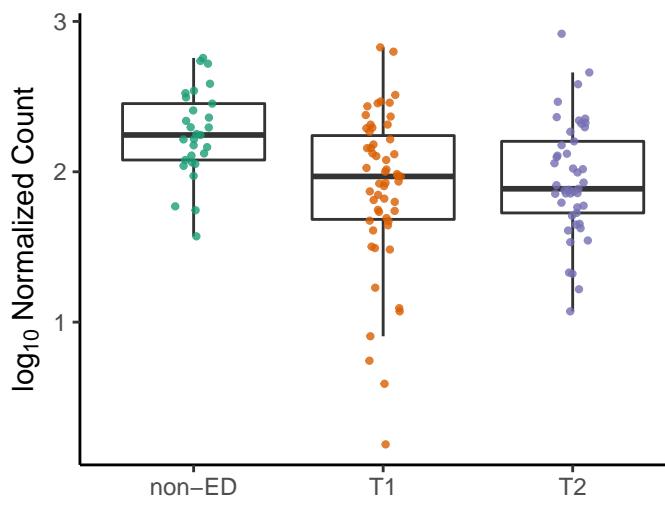
### *Glutamicibacter nicotianae*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.93



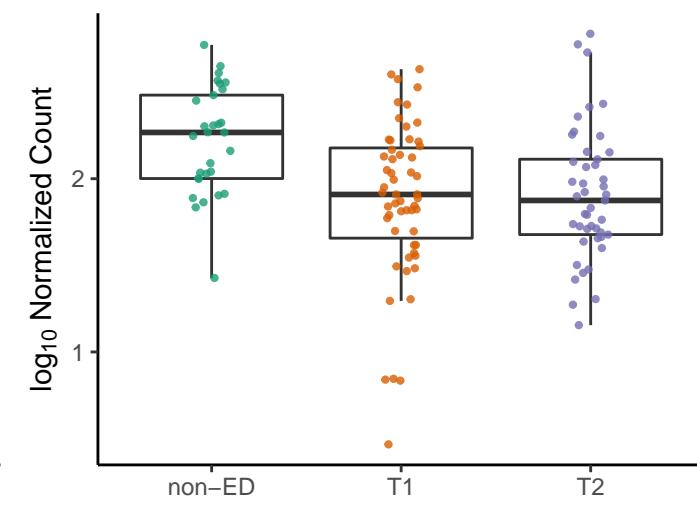
### *Roseiflexus castenholzii*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.85



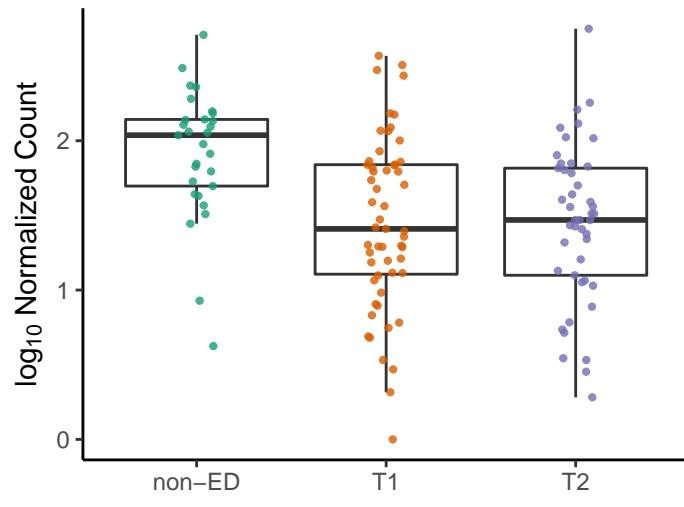
### *Cohaesibacter sp. ES.047*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.85



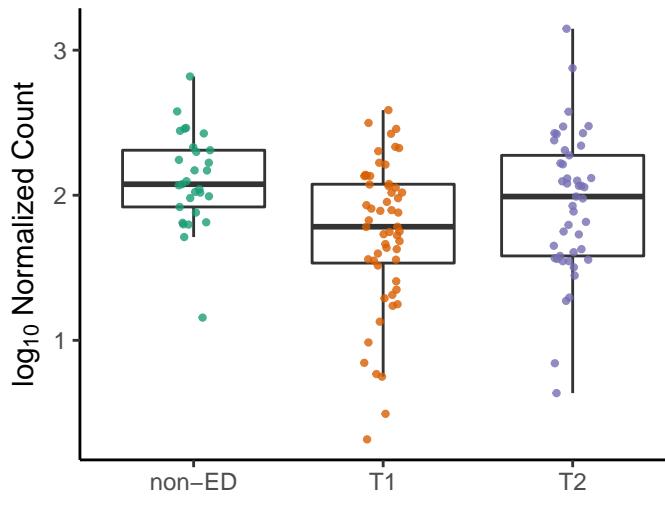
### *Coprothermobacter proteolyticus*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.93



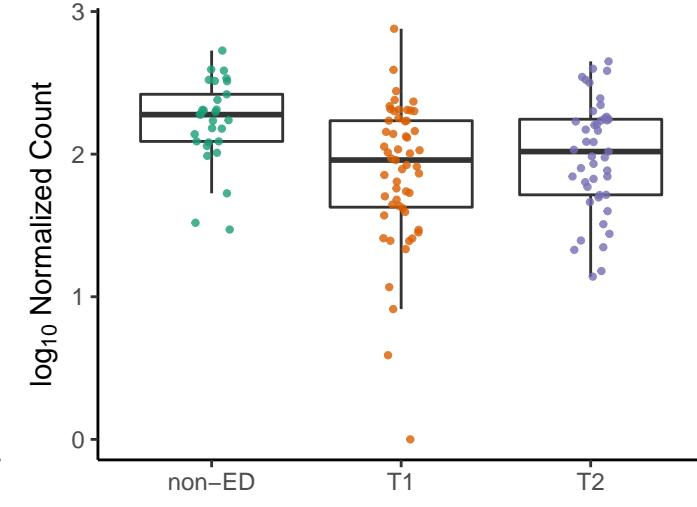
### *Leisingera methylohalidivorans*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.75



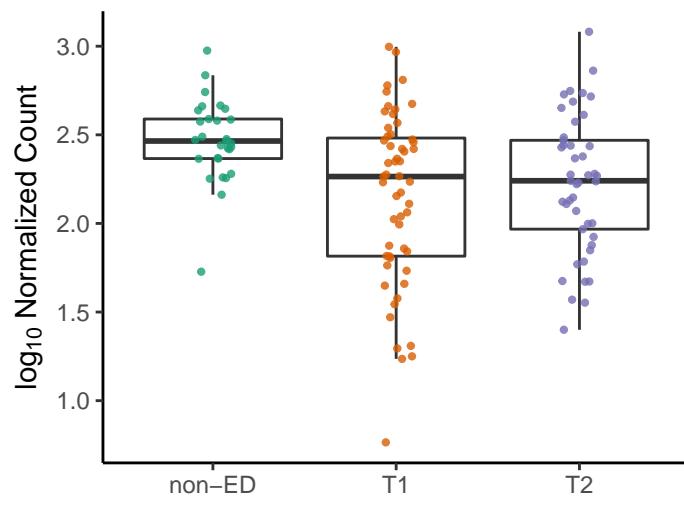
### *Martelella sp. AD-3*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



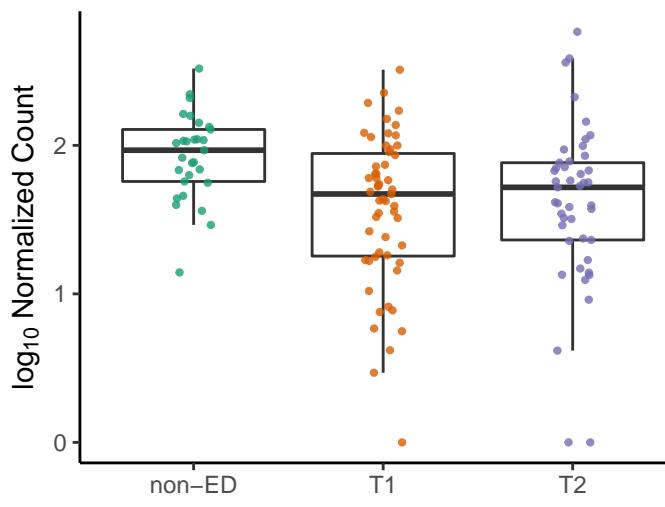
### *Cupriavidus necator*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.85



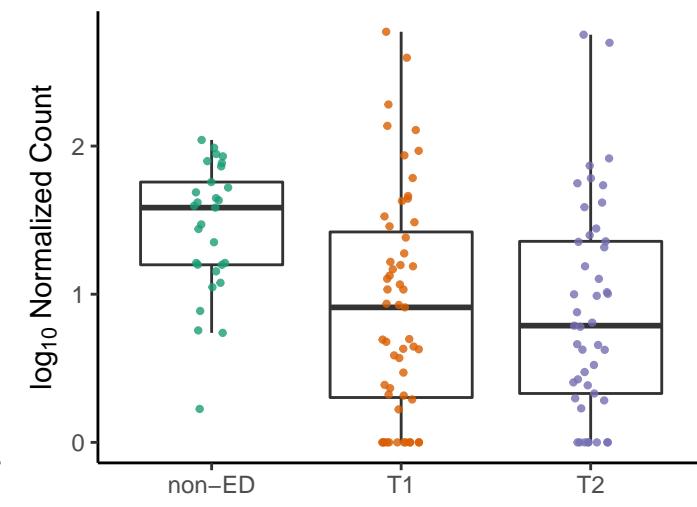
### *Nitrosomonas europaea*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.97



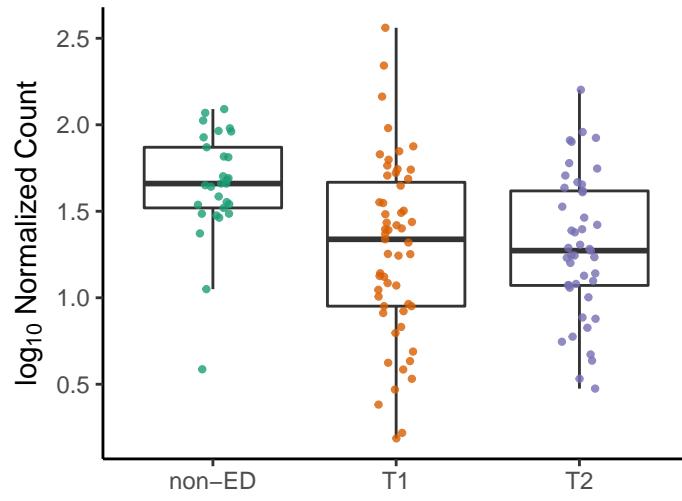
### *Pyrococcus abyssi*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.92



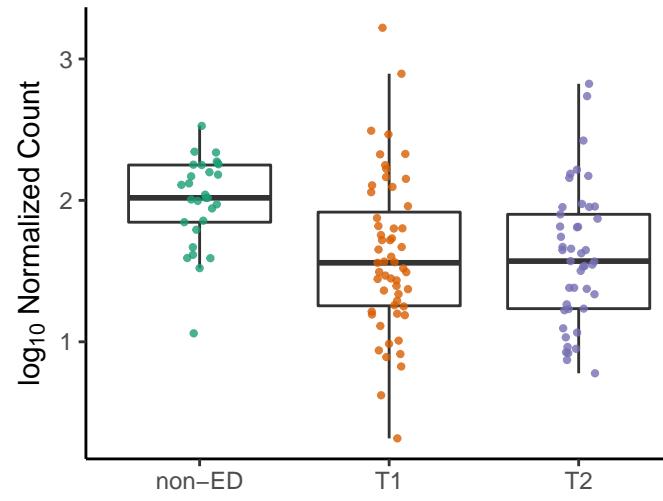
### Rhodococcus sp. WB9

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.88



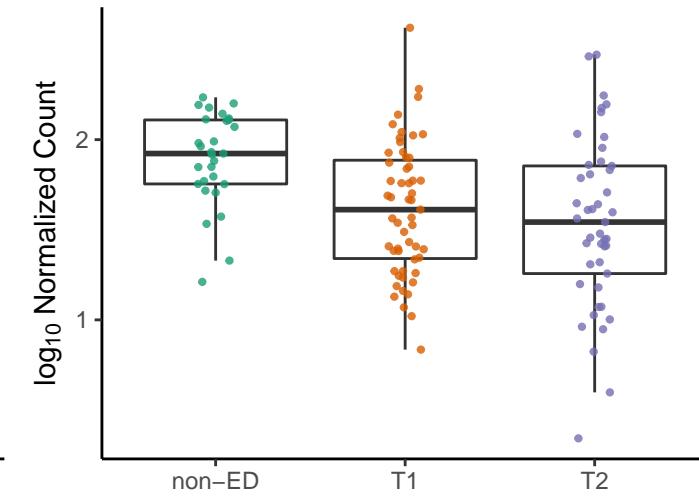
### Sphingomonas sp. LM7

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.96



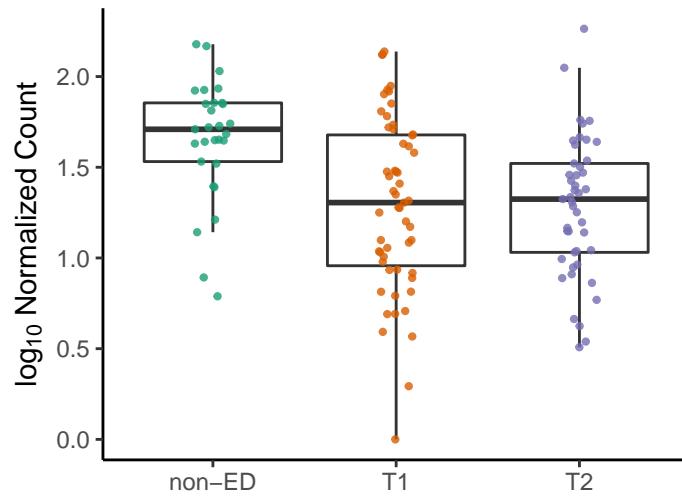
### Flavobacterium sp. Sr18

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



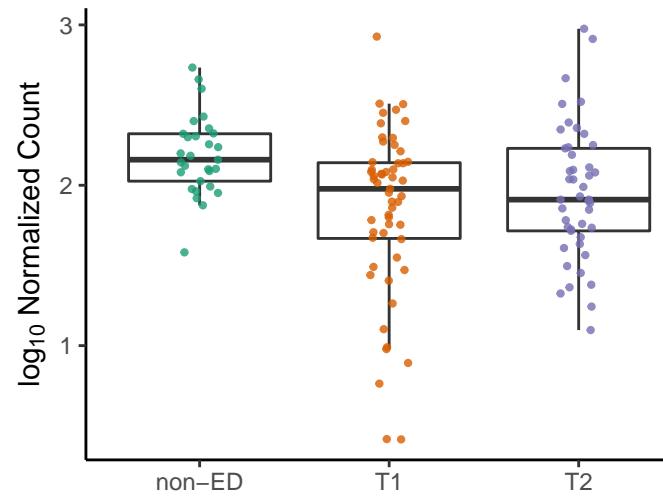
### Unclassified Staphylococcaceae Family

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.99



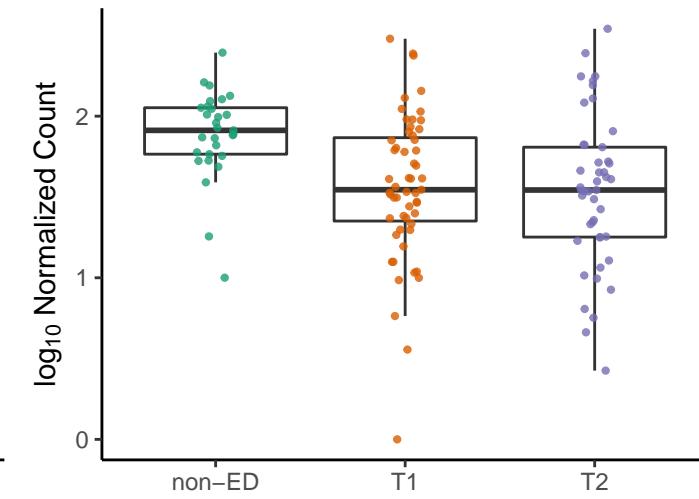
### Brevirhabdus pacifica

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



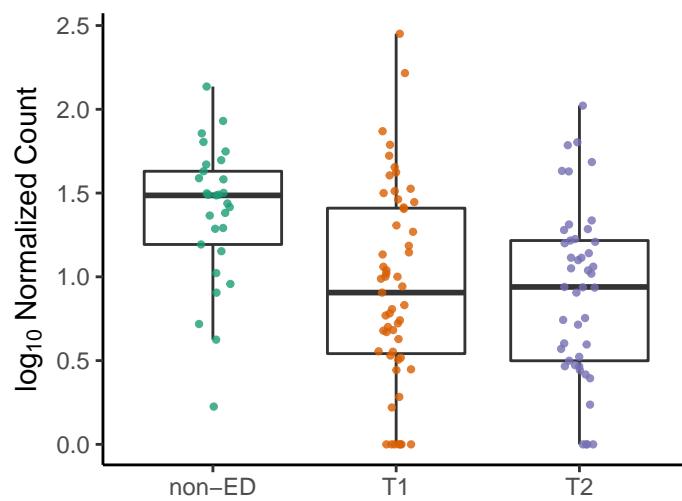
### Calothrix parietina

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.0036  
T1 vs. T2 adjusted p = 0.86



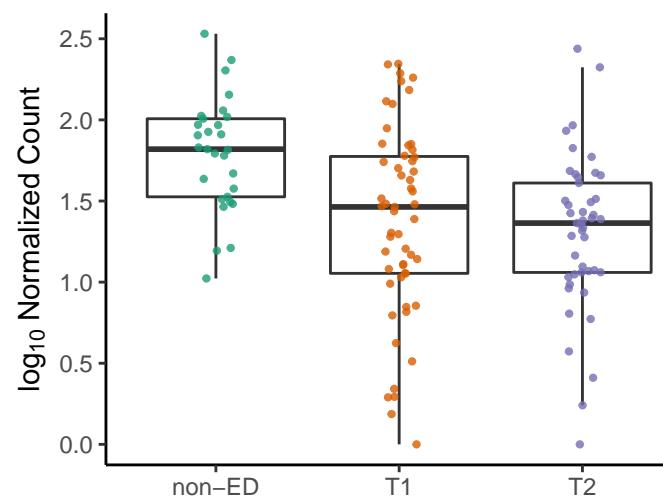
### Mycoplasma cloacale

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.0023  
T1 vs. T2 adjusted p = 0.9



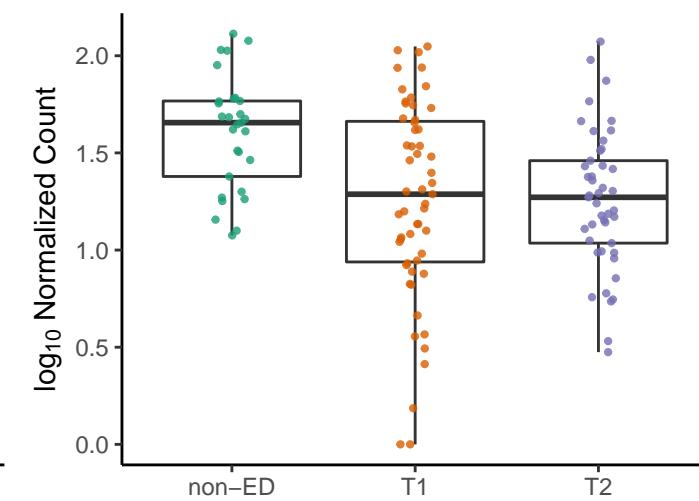
### Vibrio cidiciei

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.0013  
T1 vs. T2 adjusted p = 0.87



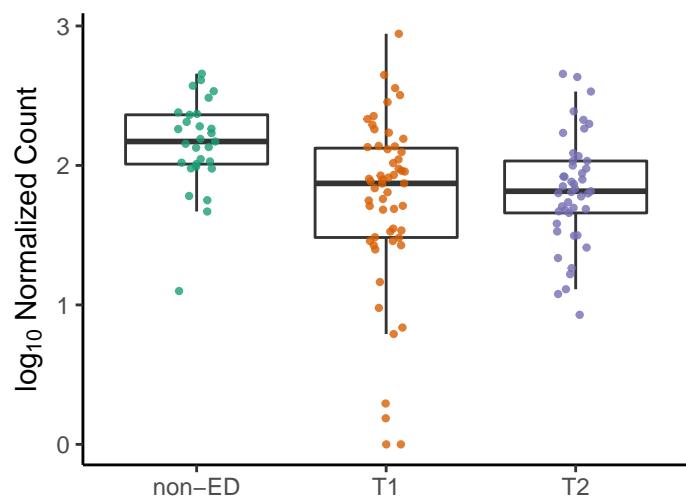
### Pontimonas salivibrio

non-ED vs. T1 adjusted p = 0.0029  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.95



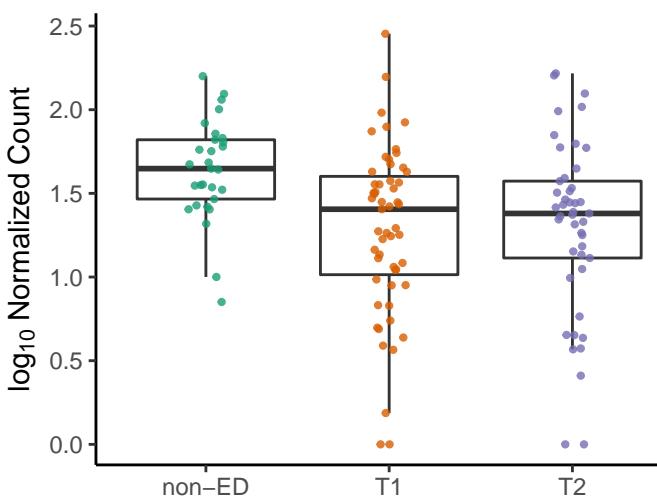
### *Ketogulonicigenium vulgare*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0038  
 T1 vs. T2 adjusted p = 0.85



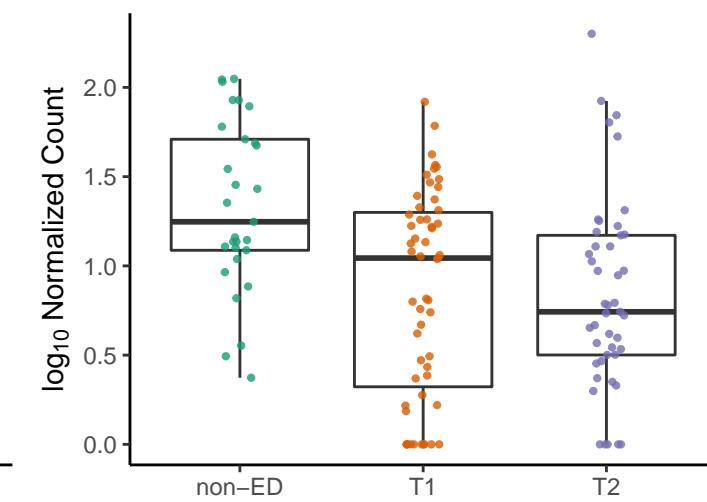
### *Parashewanella spongiae*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.95



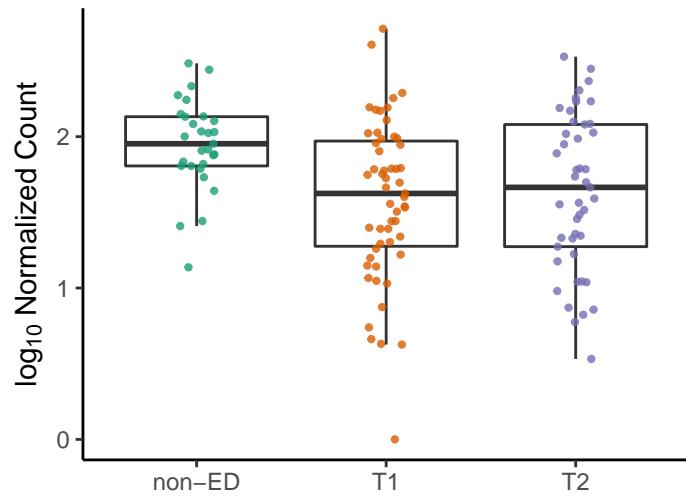
### Unclassified Planctopirus Genus

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.89



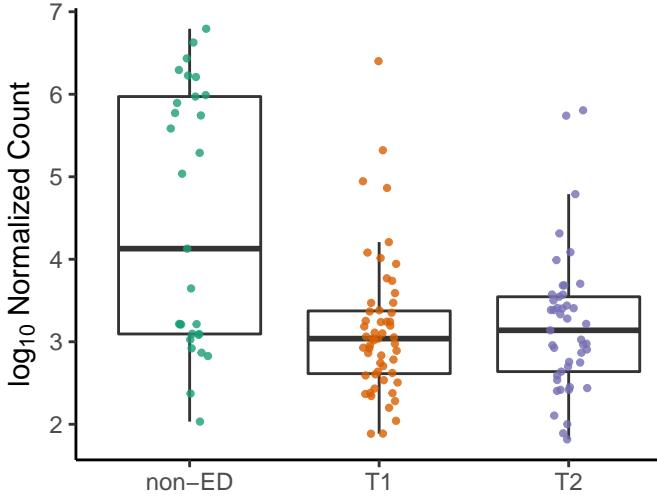
### *Acidiferrobacter sp. SPIII\_3*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



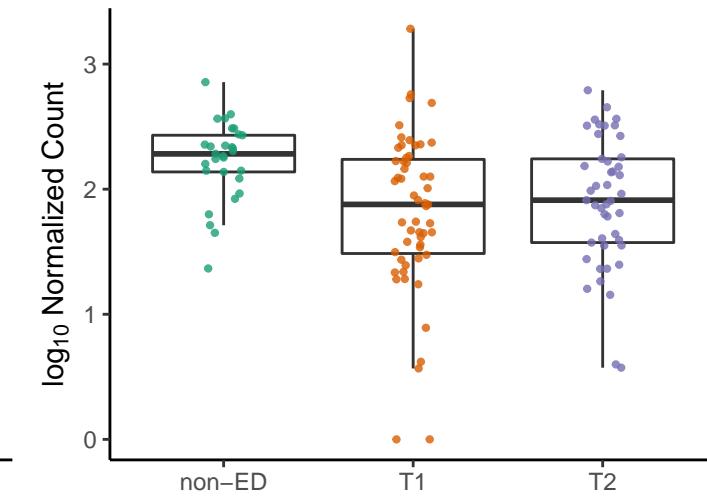
### *Bifidobacterium adolescentis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.85



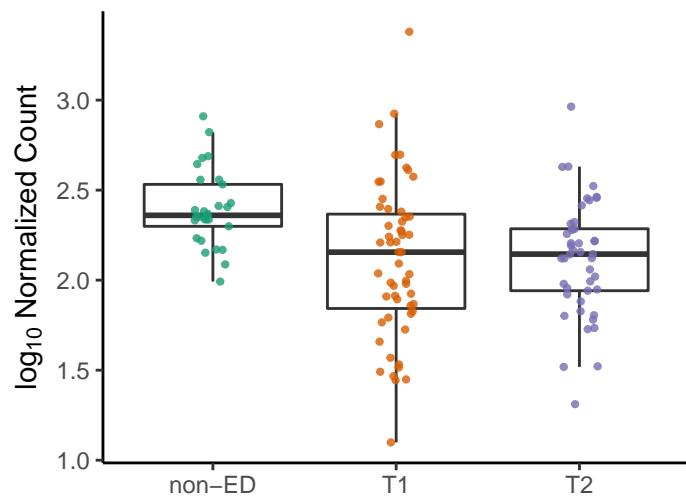
### *Cellulomonas sp. H30R-01*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



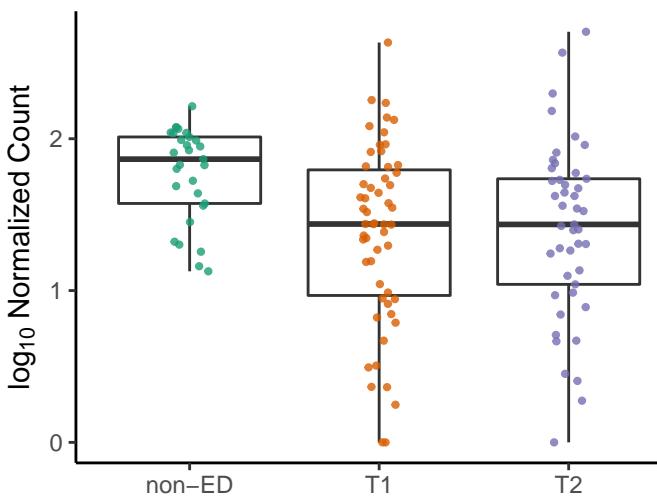
### *Comamonas testosteronei*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.88



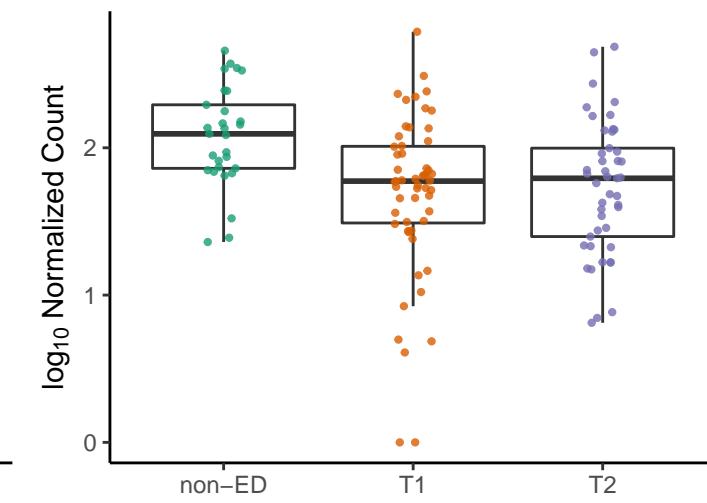
### *Dietzia psychralcaliphila*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0073  
 T1 vs. T2 adjusted p = 0.97



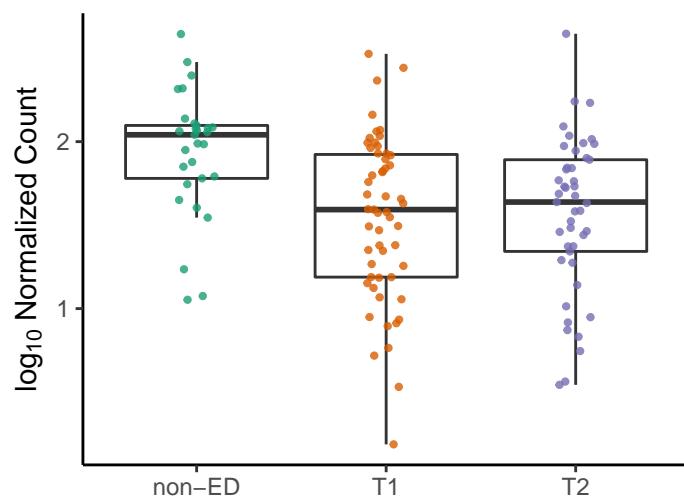
### *Erwinia tasmaniensis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.85



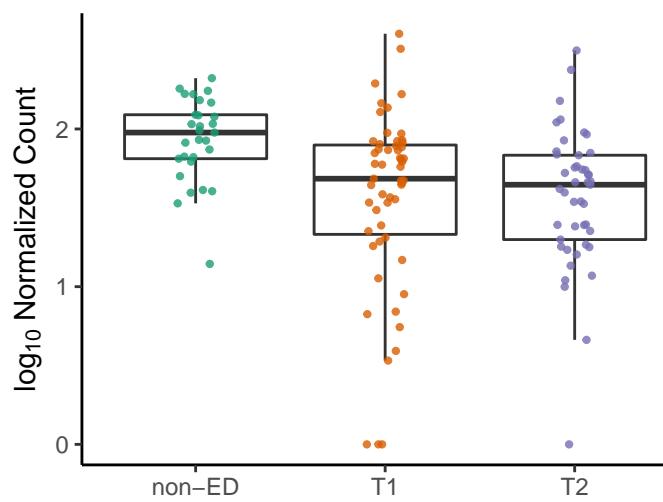
### *Gluconobacter albidus*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.86



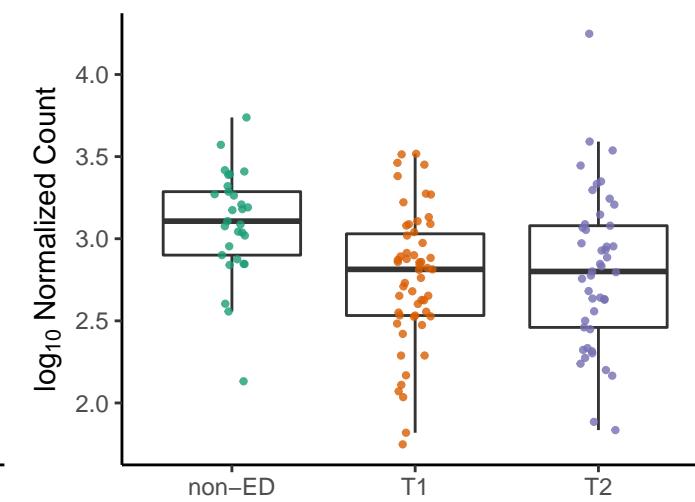
### *Kozakia baliensis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.94



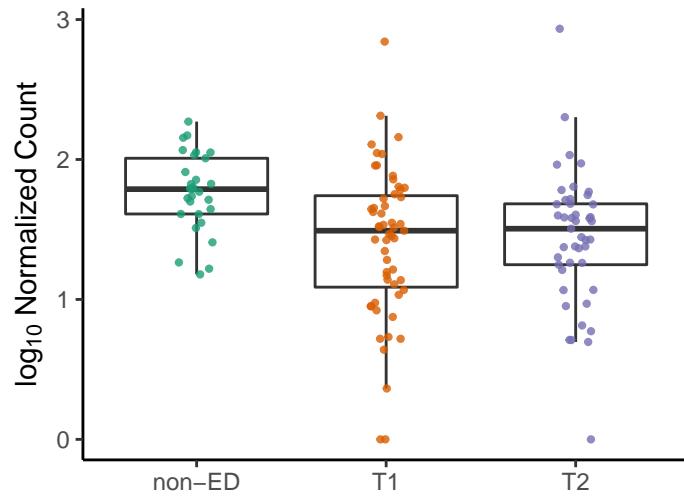
### *Lactobacillus ruminis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



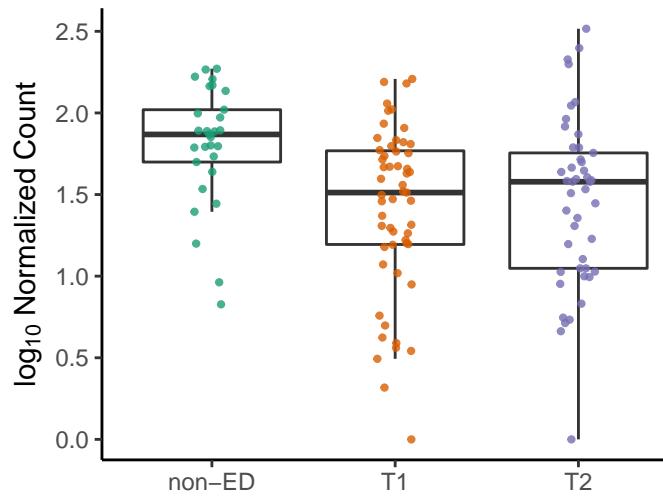
### *Leucobacter sp. HDW9A*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.85



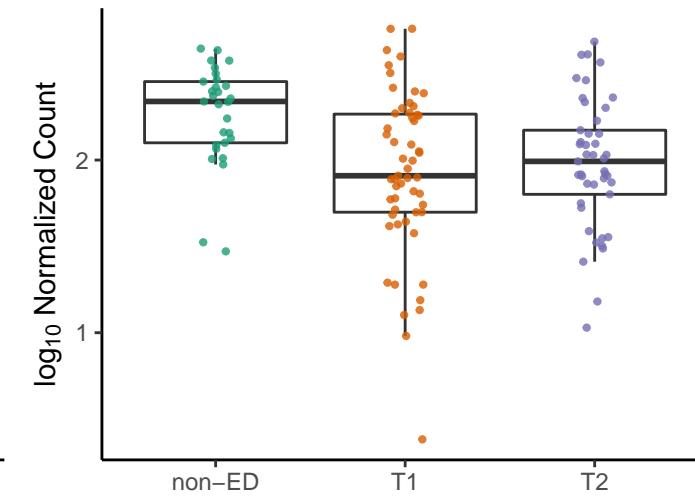
### *Marinobacter sp. es.042*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.92



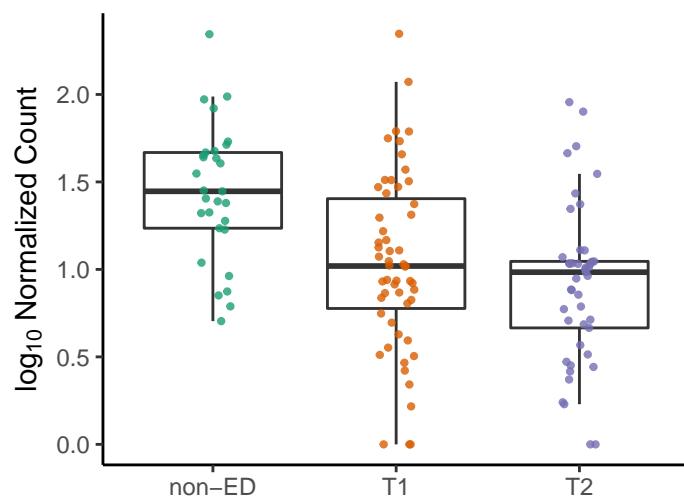
### *Massilia putida*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.85



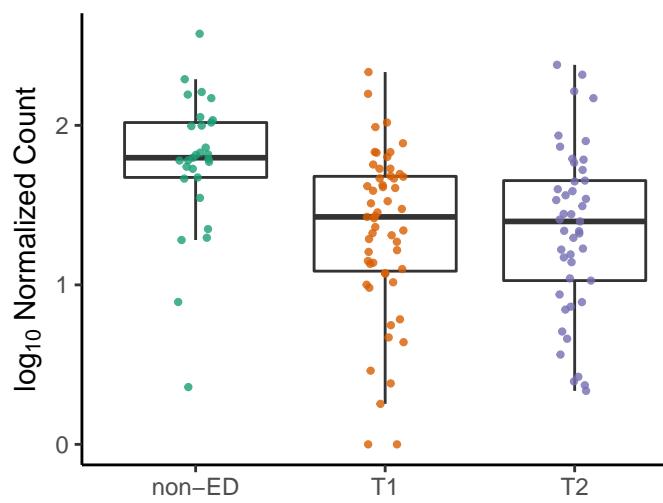
### *Mesoplasma tabanidae*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.00058  
 T1 vs. T2 adjusted p = 0.85



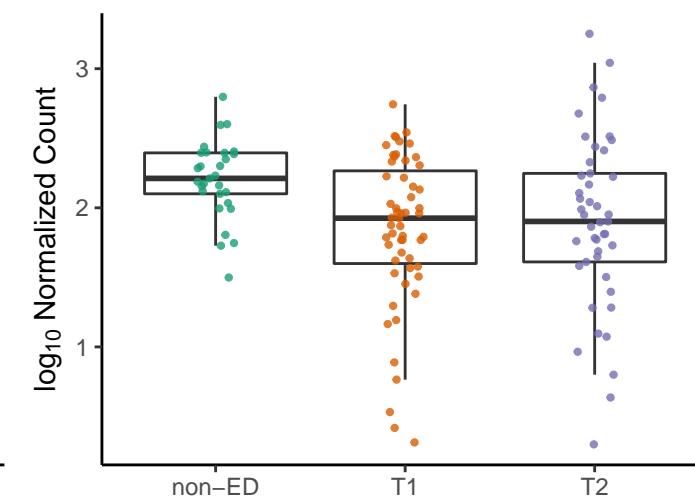
### *Methanococcus vannielii*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.87



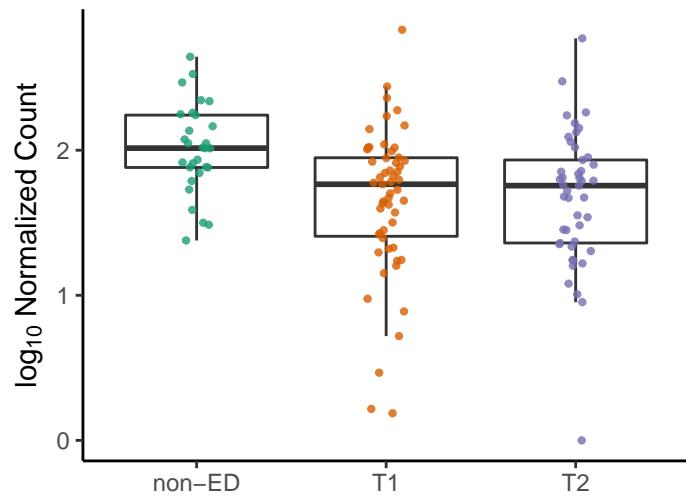
### *Mycolicibacterium pulveris*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



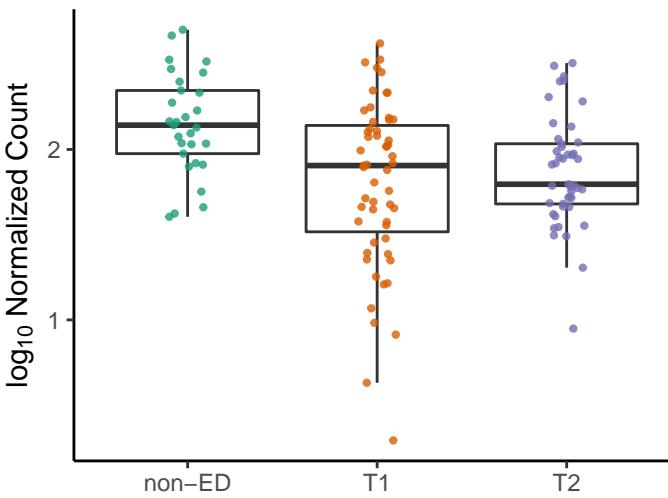
### *Paraburkholderia phytofirmans*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.85



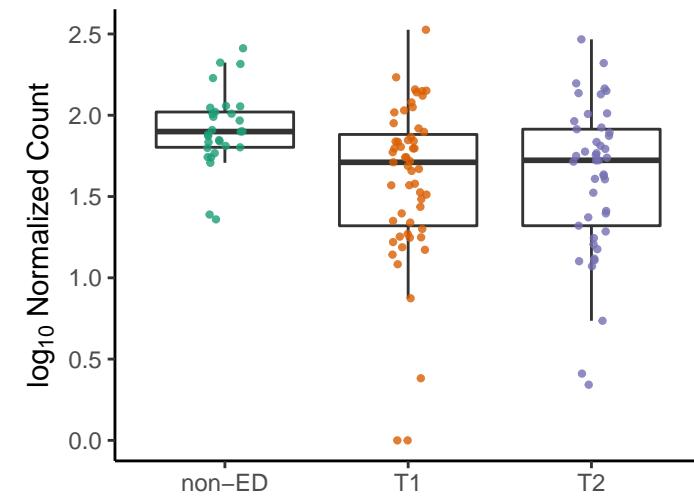
### *Paraburkholderia* sp. 7Q-K02

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.86



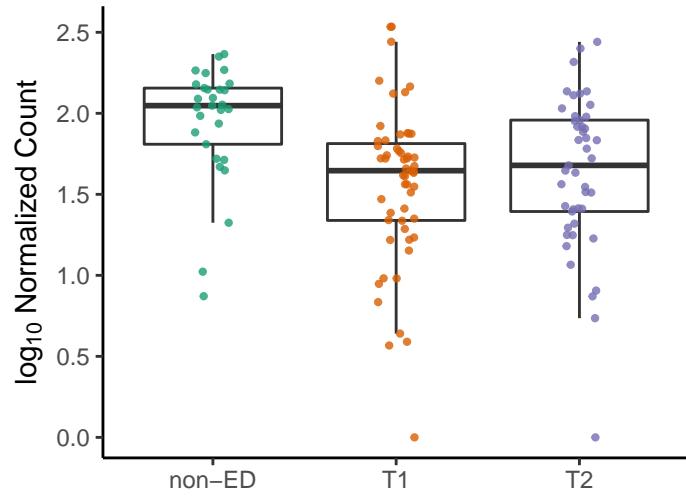
### *Planctomycetes* bacterium V22

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.86



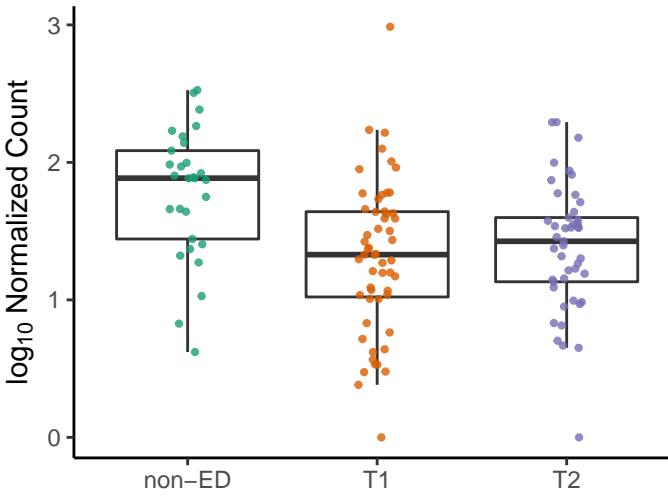
### *Pseudomonas asturiensis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



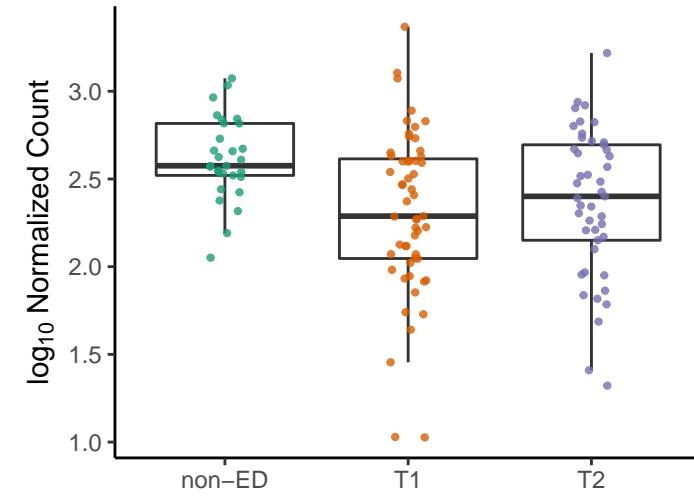
### *Pseudomonas* sp. LPH1

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.85



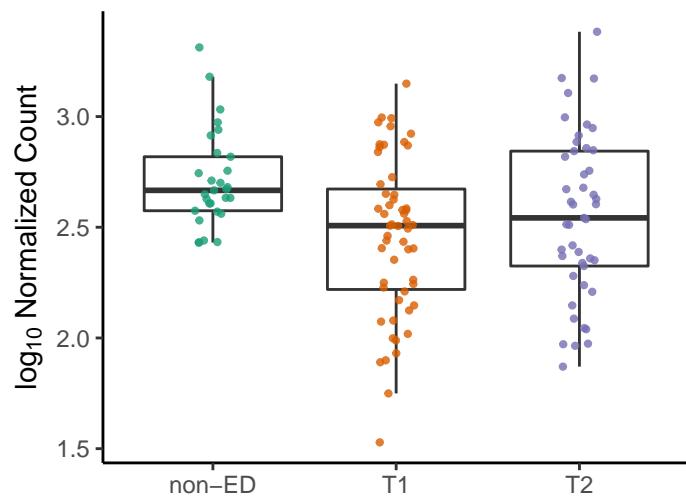
### *Ralstonia solanacearum*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



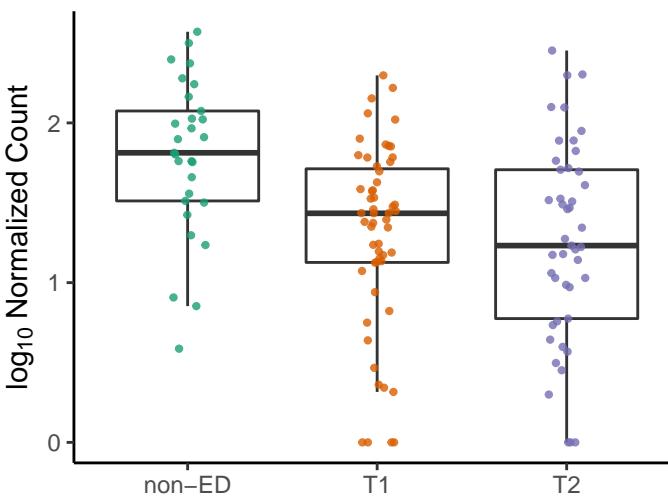
### *Saccharibacillus brassicae*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



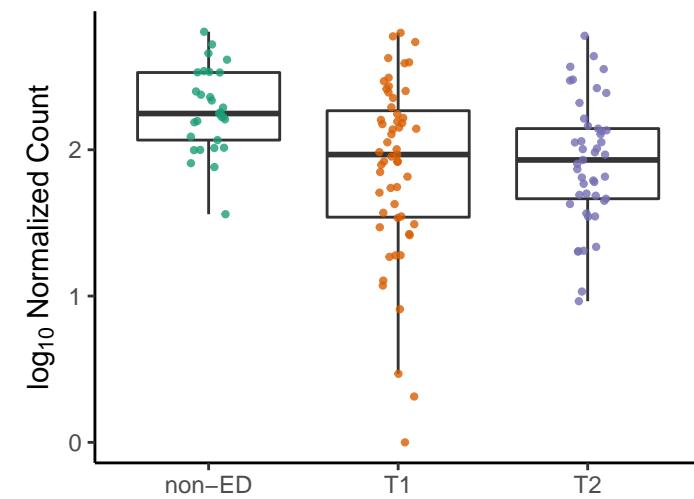
### *Sphingobium* sp. PAMC28499

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.98



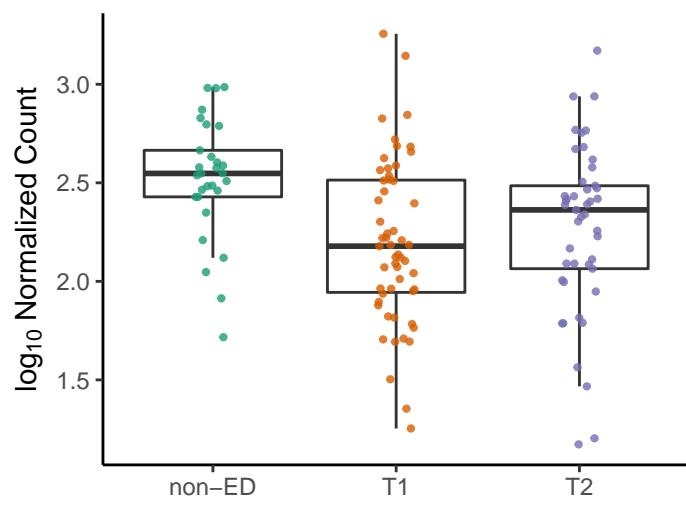
### *Synechococcus* sp. RSCCF101

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 0.85



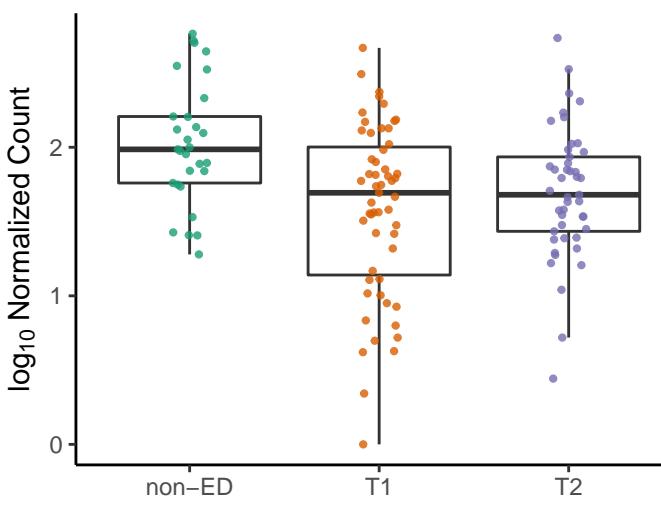
### *Tistrella mobilis*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



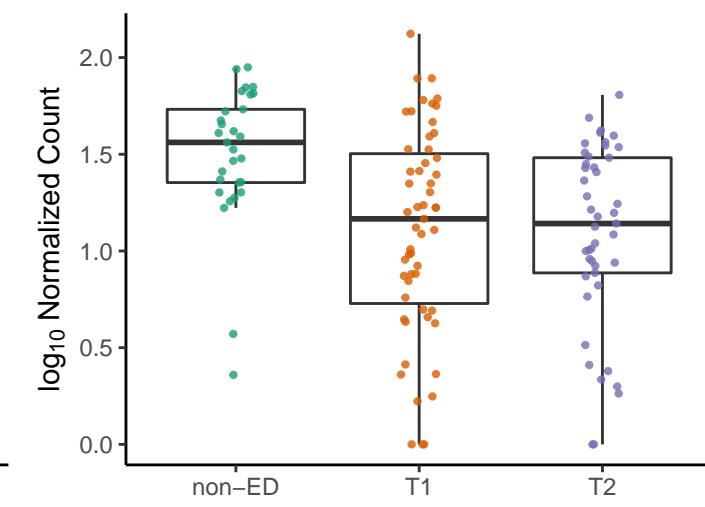
### Unclassified Cryobacterium Genus

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



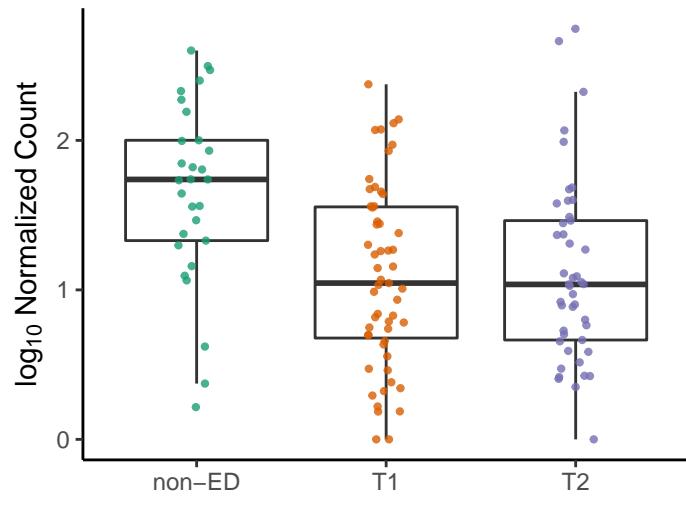
### Unclassified Nitrosomonas Genus

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.95



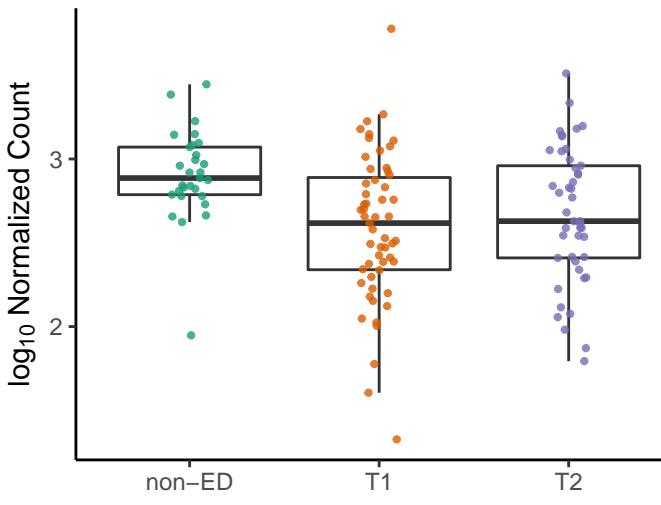
### Unclassified Synechococcales Order

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.96



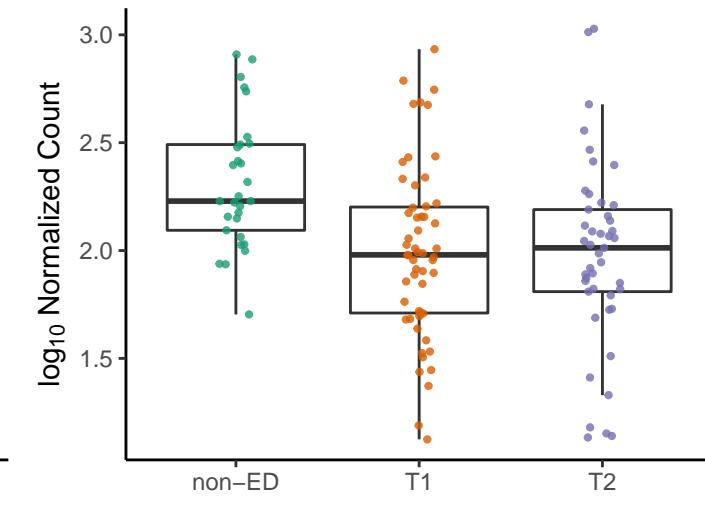
### *Variovorax paradoxus*

non-ED vs. T1 adjusted p = 0.0029  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



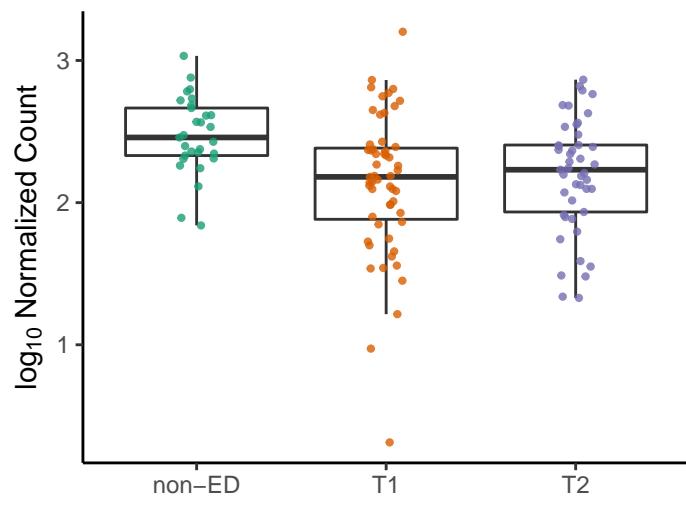
### *Phaeobacter inhibens*

non-ED vs. T1 adjusted p = 0.003  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.92



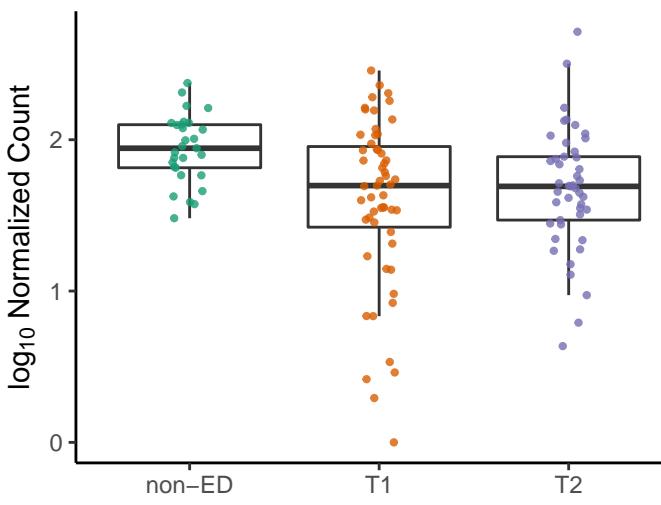
### *Tepidiforma bonchosmolovskaya*

non-ED vs. T1 adjusted p = 0.003  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



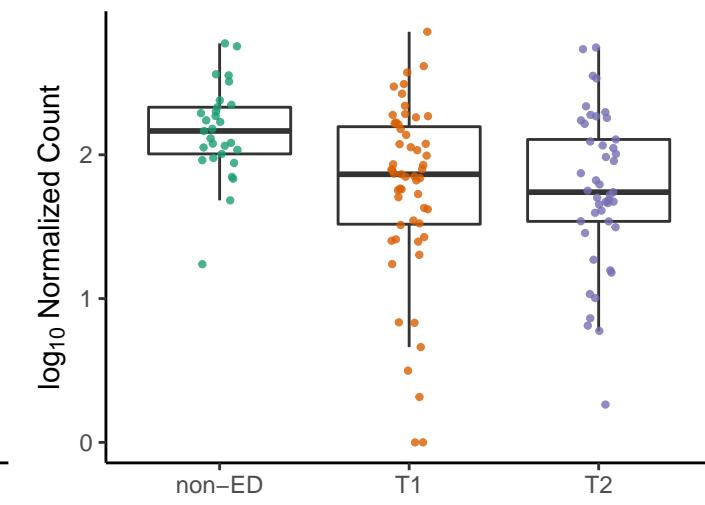
### *Mariprofundus ferrinatatus*

non-ED vs. T1 adjusted p = 0.003  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



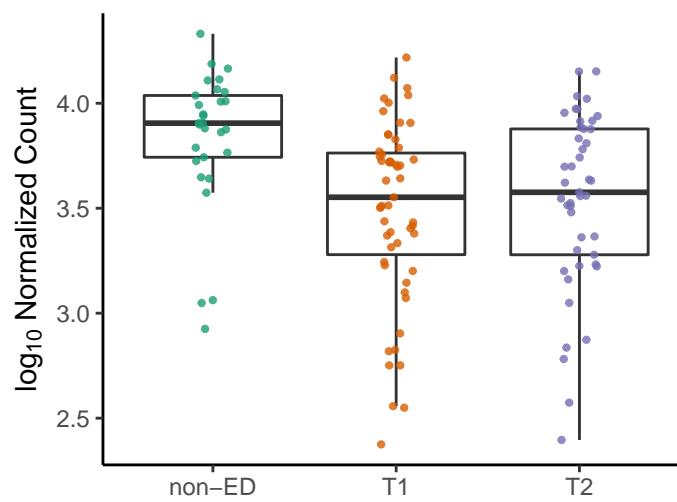
### Rhodobacteraceae bacterium BAR1

non-ED vs. T1 adjusted p = 0.003  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.95



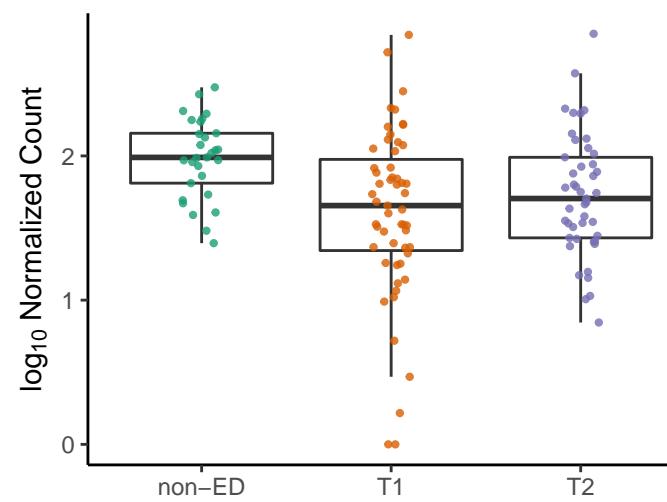
### Unclassified Roseburia Genus

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0096  
T1 vs. T2 adjusted p = 0.87



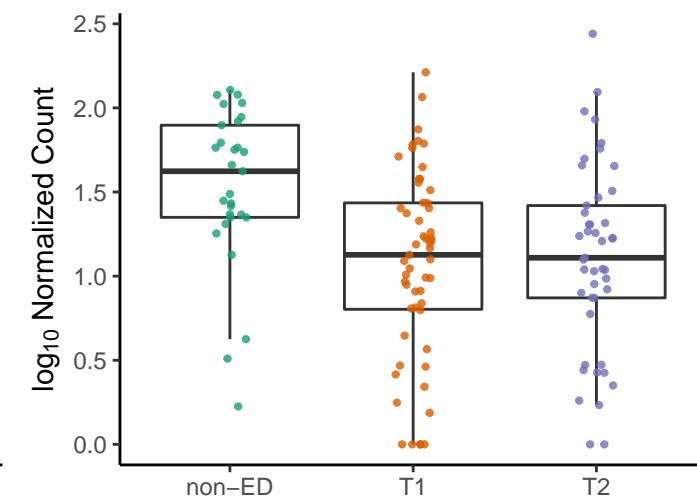
### Methyloccella tundrae

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



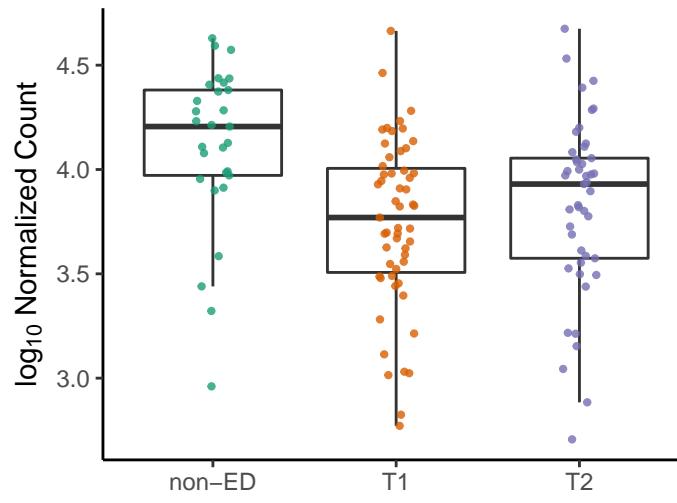
### Burkholderia sp. NRF60-BP8

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.9



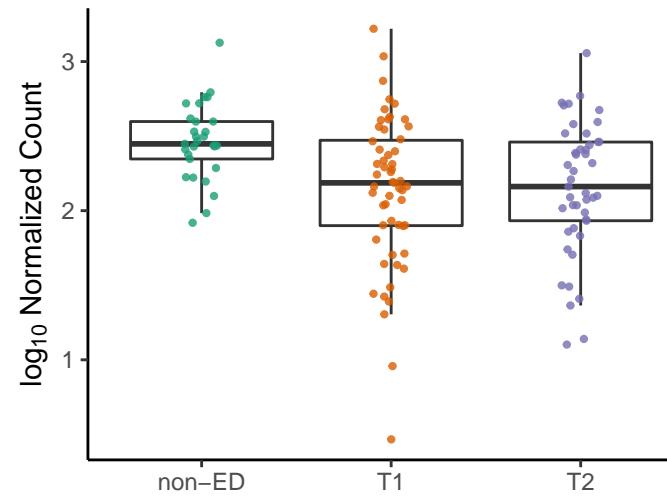
### Lachnospiraceae bacterium KM106-2

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



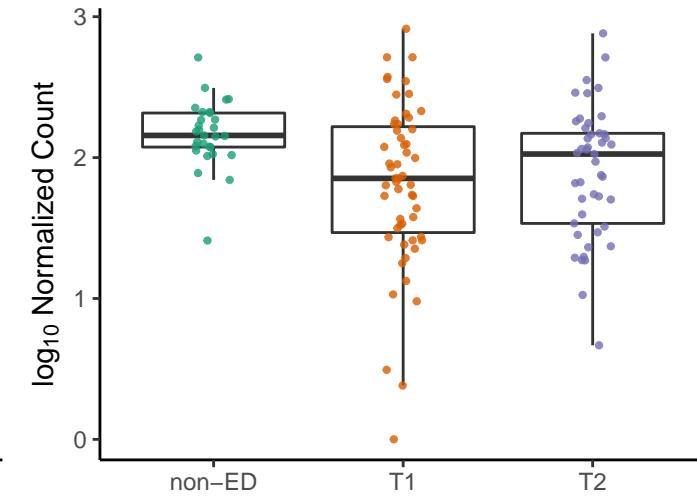
### Opitutus terrae

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0047  
T1 vs. T2 adjusted p = 0.85



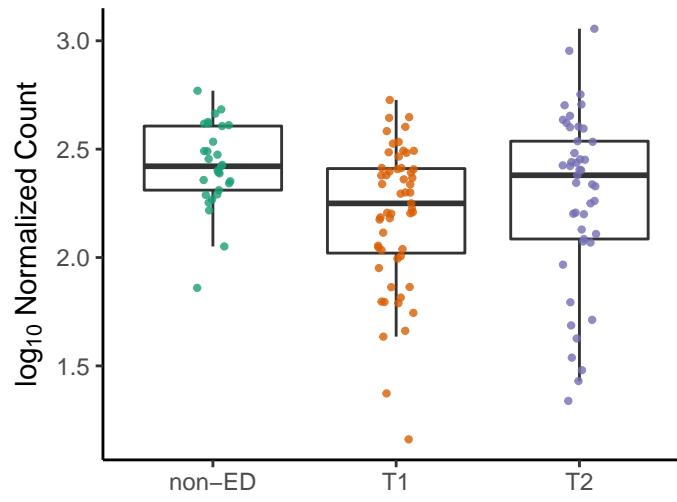
### Pseudomonas monteilii

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



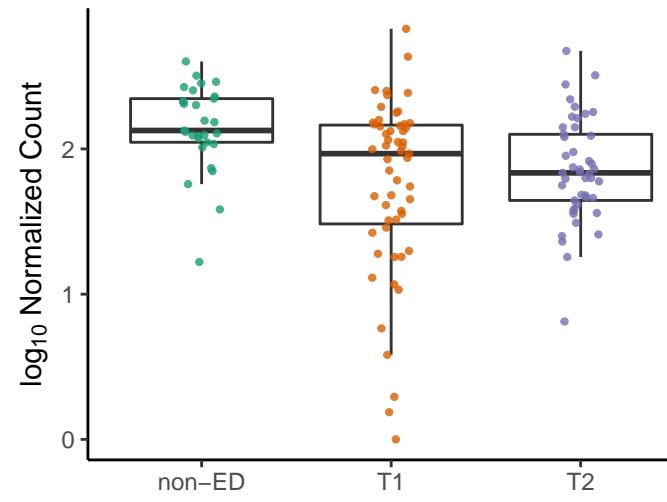
### Pseudomonas syringae

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.85



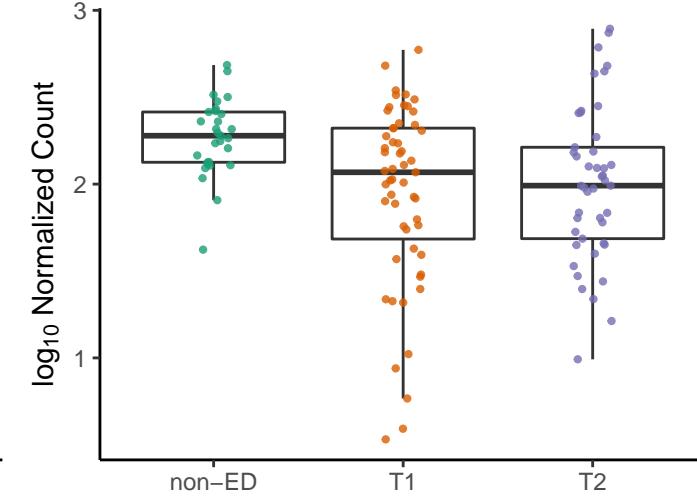
### Gemmobacter sp. HYN0069

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0047  
T1 vs. T2 adjusted p = 0.85



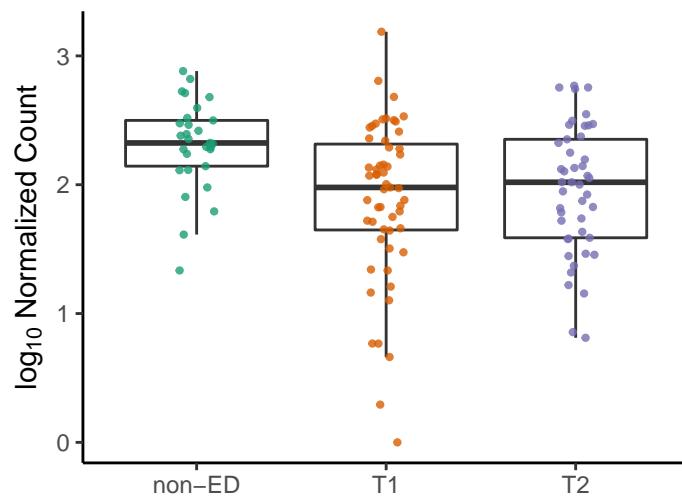
### Roseateles depolymerans

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.87



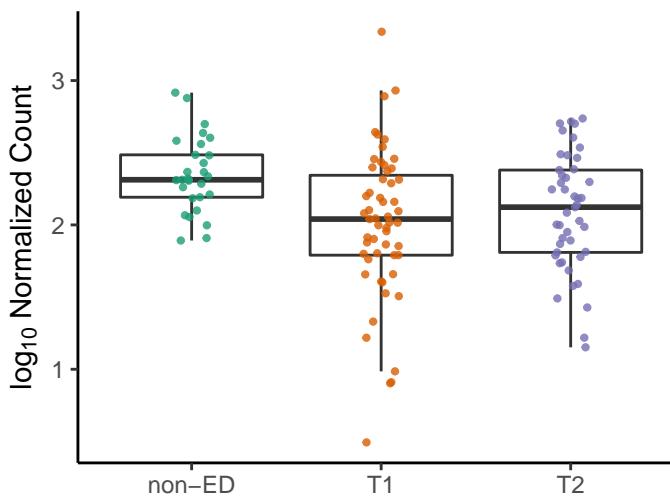
### Minimimonas sp. S16

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0074  
T1 vs. T2 adjusted p = 0.85



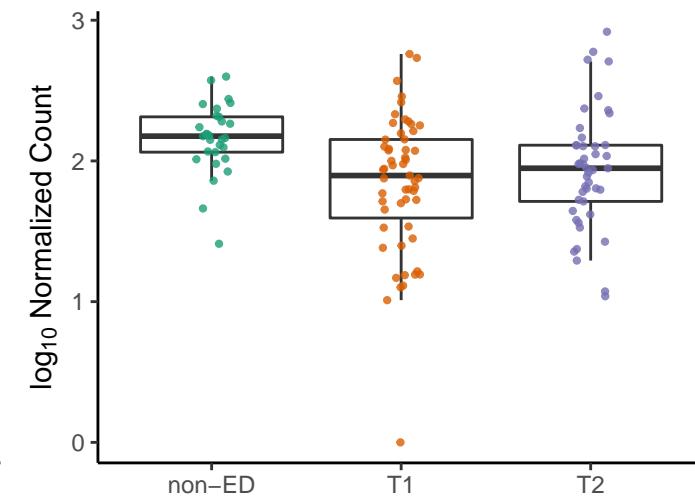
### Nocardia nova

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.85



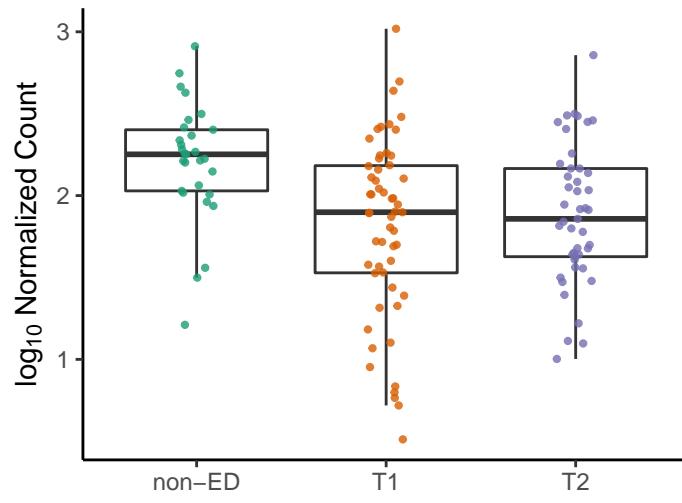
### Unclassified Pandoraea Genus

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



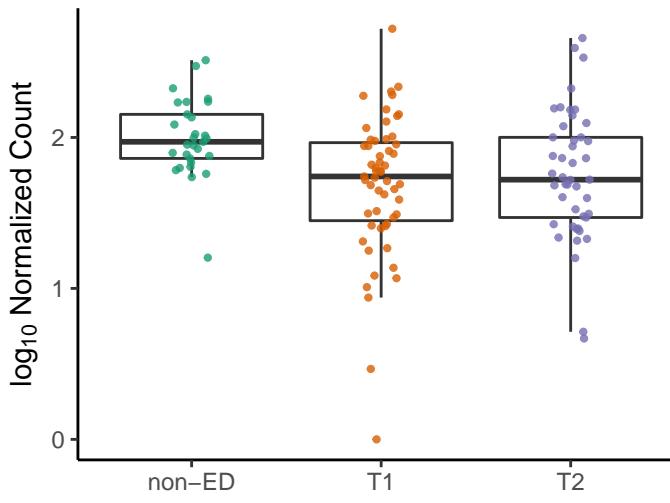
### Methylobacterium sp. 17Sr1–43

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.85



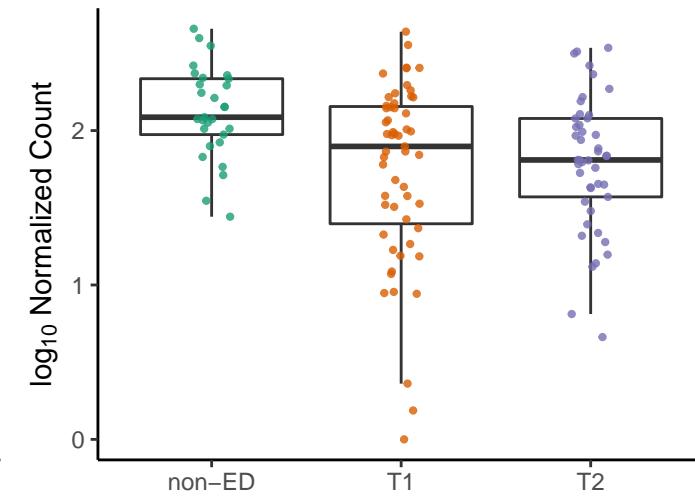
### Agrobacterium larrymoorei

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



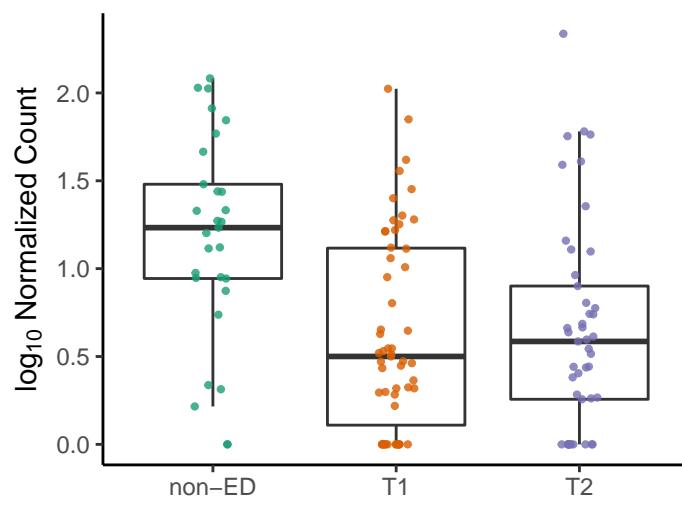
### Burkholderiales bacterium GJ-E10

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0043  
T1 vs. T2 adjusted p = 0.86



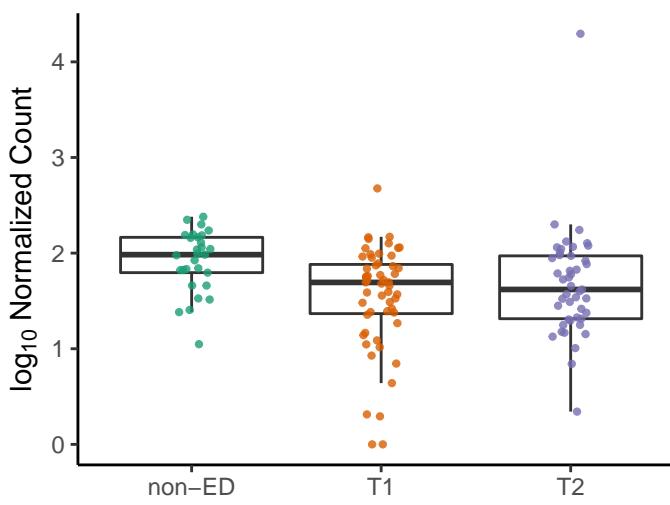
### Serratia ficaria

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.85



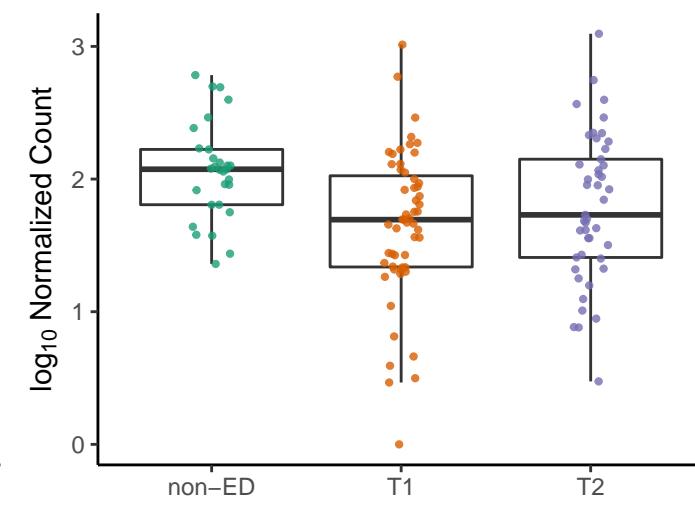
### Dialister massiliensis

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.85



### Paraburkholderia graminis

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85

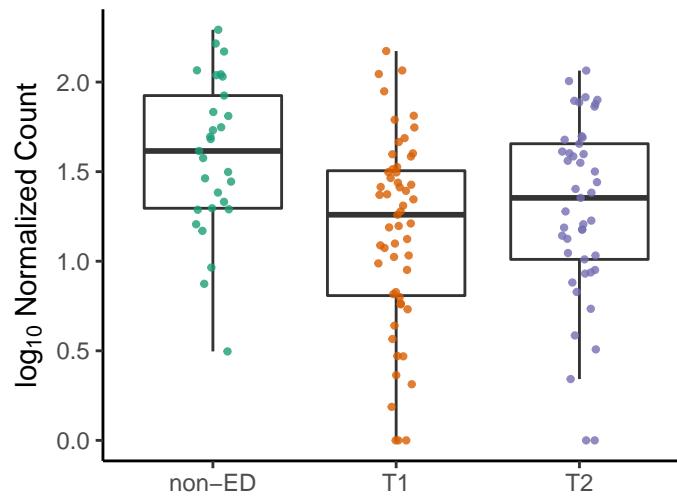


### *Pseudomonas* sp. R84

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.025

T1 vs. T2 adjusted p = 0.85

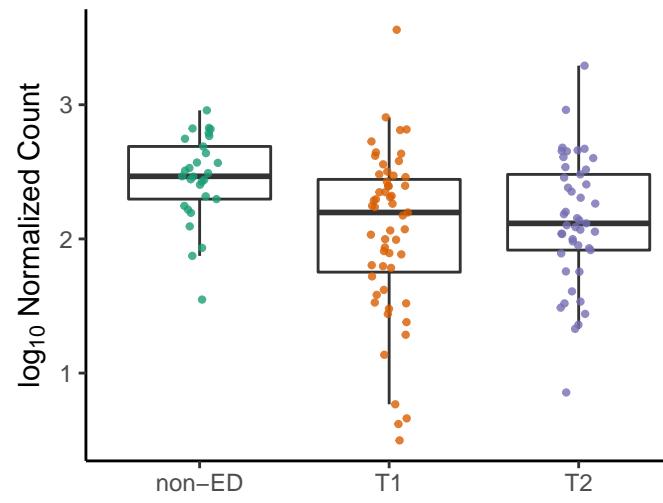


### *Streptacidiphilus* sp. DSM 106435

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.0087

T1 vs. T2 adjusted p = 0.85

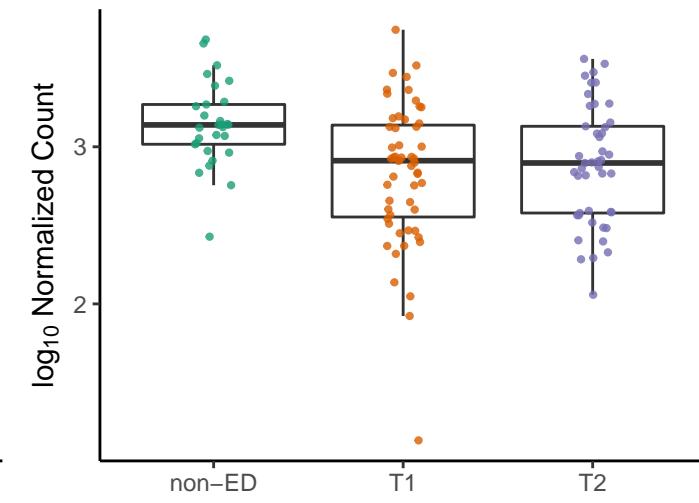


### Unclassified *Corynebacterium* Genus

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.0084

T1 vs. T2 adjusted p = 0.85

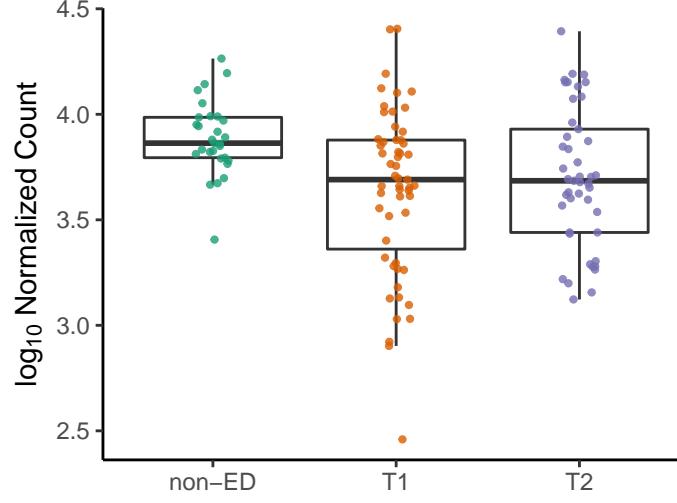


### Unclassified *Pseudomonas* Genus

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.85

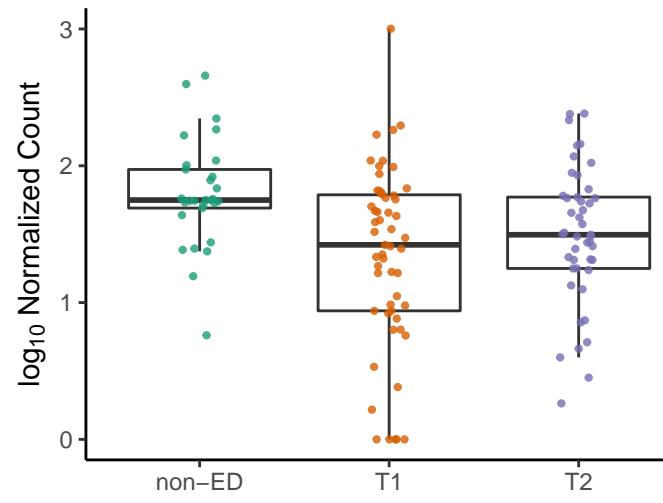


### *Burkholderia* sp. BDU8

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.02

T1 vs. T2 adjusted p = 0.84

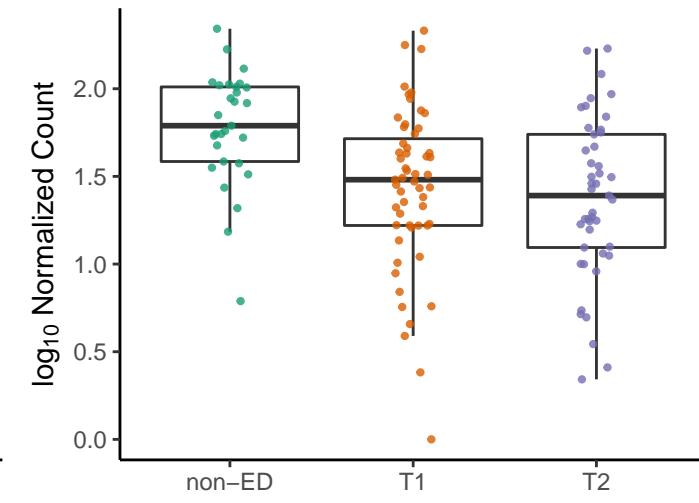


### *Aequorivita* sp. H23M31

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.0023

T1 vs. T2 adjusted p = 0.91

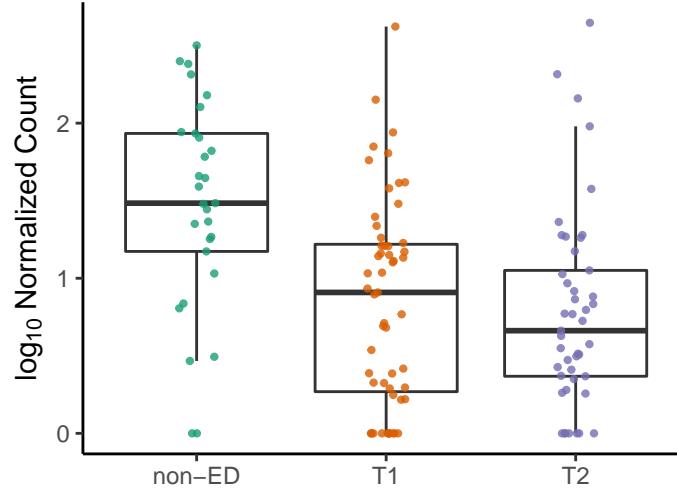


### *Methanoculleus bourgensis*

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.0025

T1 vs. T2 adjusted p = 0.92

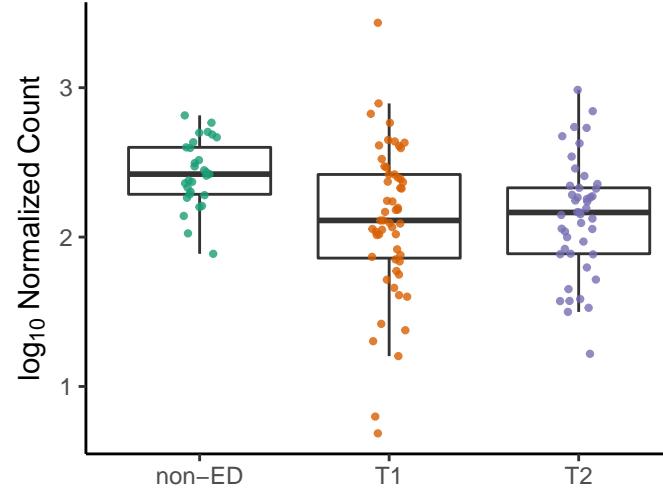


### *Lentzea guizhouensis*

non-ED vs. T1 adjusted p = 0.0032

non-ED vs. T2 adjusted p = 0.0031

T1 vs. T2 adjusted p = 0.87

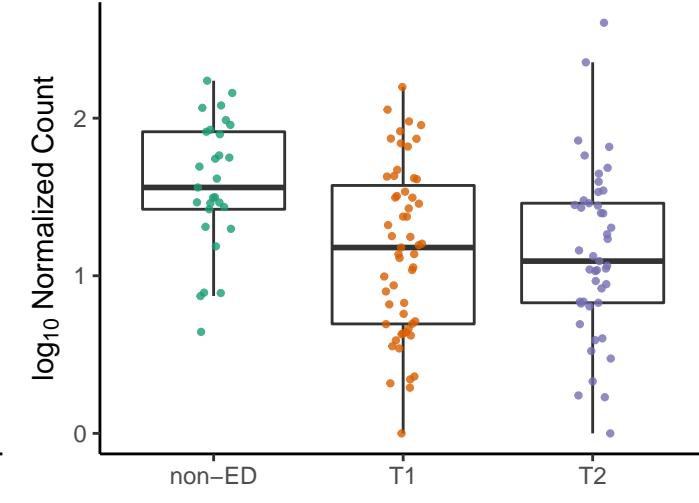


### *Candidatus Protochlamydia amoebophilic*

non-ED vs. T1 adjusted p = 0.0032

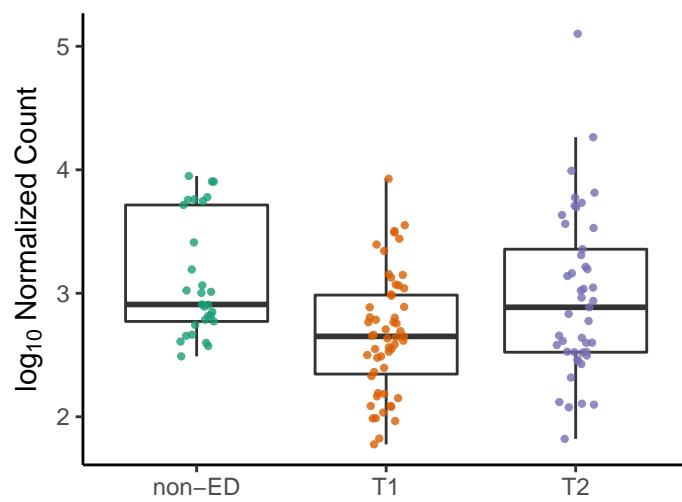
non-ED vs. T2 adjusted p = 0.0043

T1 vs. T2 adjusted p = 0.87



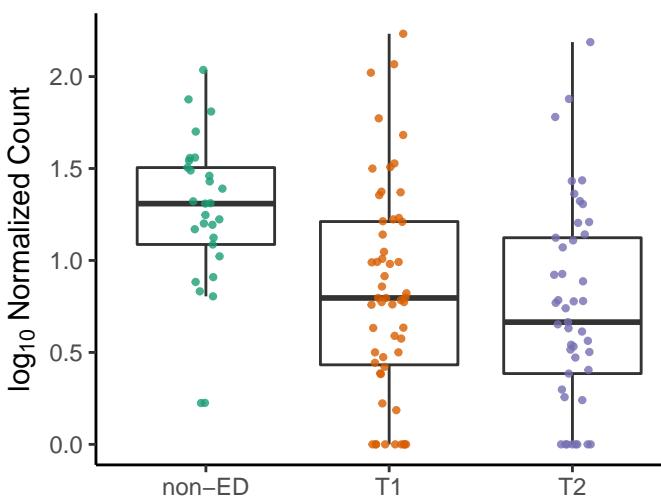
### Unclassified Dialister Genus

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.35  
T1 vs. T2 adjusted p = 0.75



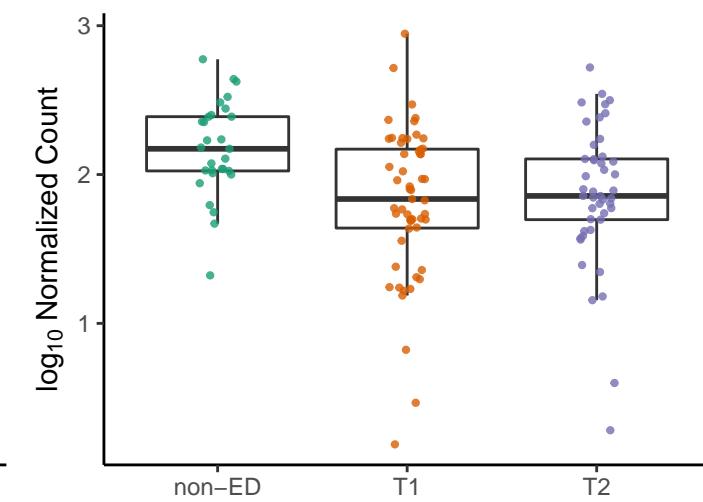
### Maribacter sp. MAR\_2009\_60

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.85



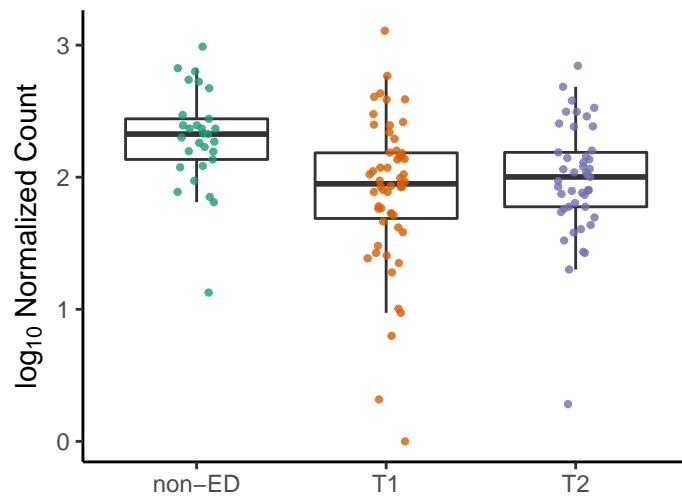
### Rhodobacter blasticus

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.85



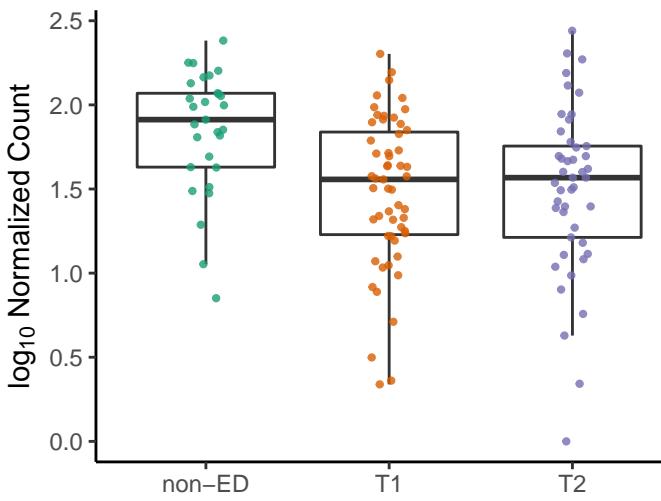
### Streptomyces sp. ZFG47

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.0099  
T1 vs. T2 adjusted p = 0.85



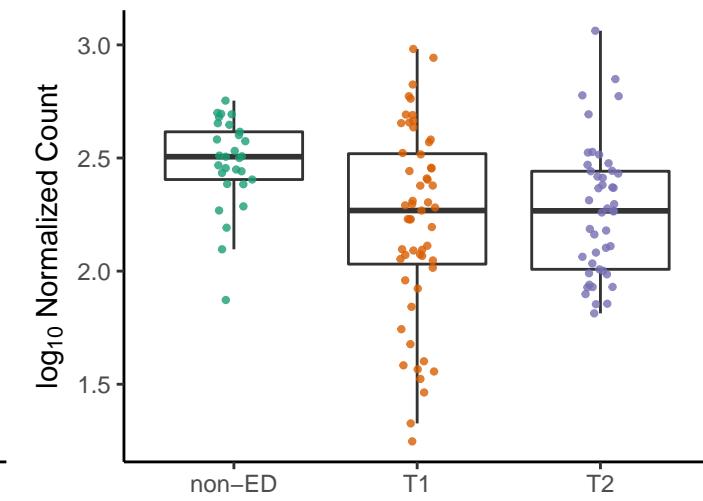
### Vagococcus sp. HDW17A

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.97



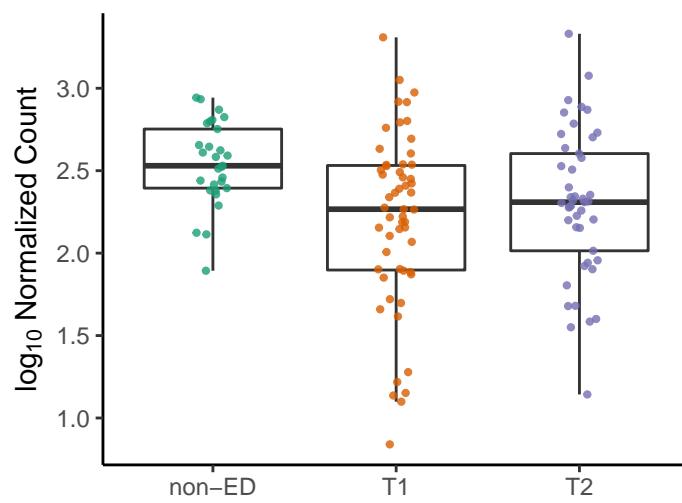
### Alcaligenes faecalis

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.85



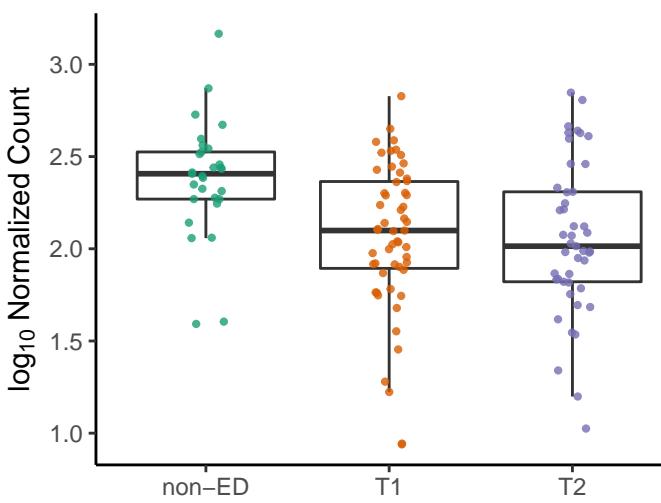
### Aquasphaera giovannonii

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



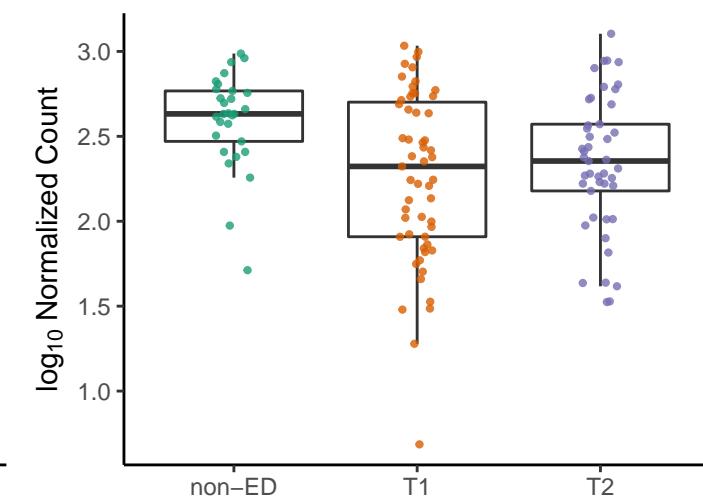
### Leptotrichia trevisanii

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.0047  
T1 vs. T2 adjusted p = 0.99



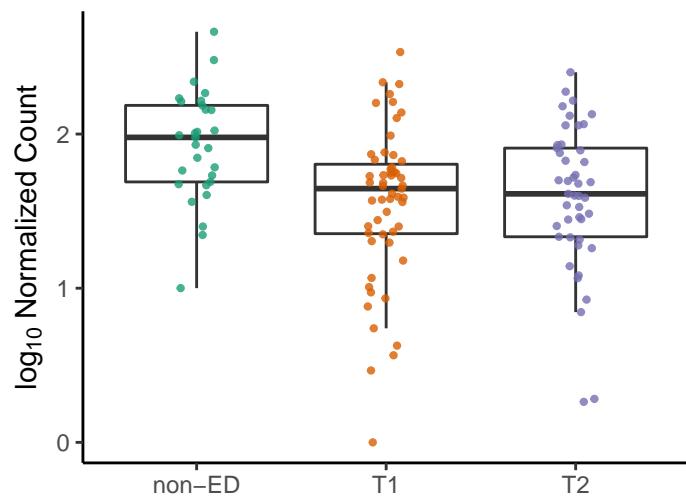
### Nocardia terpenica

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



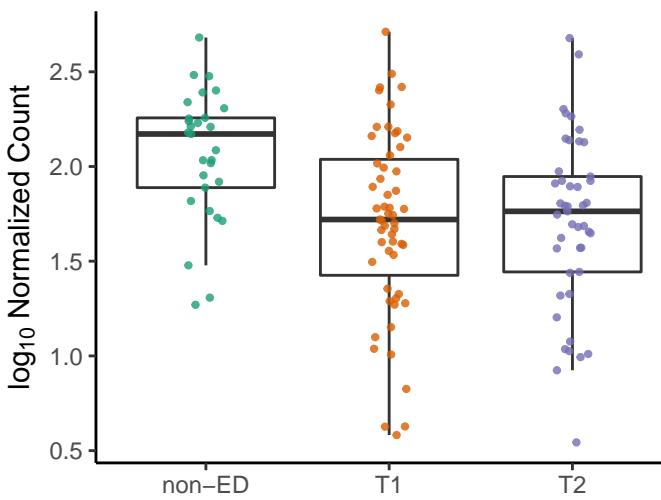
### *Spiribacter curvatus*

non-ED vs. T1 adjusted p = 0.0033  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.85



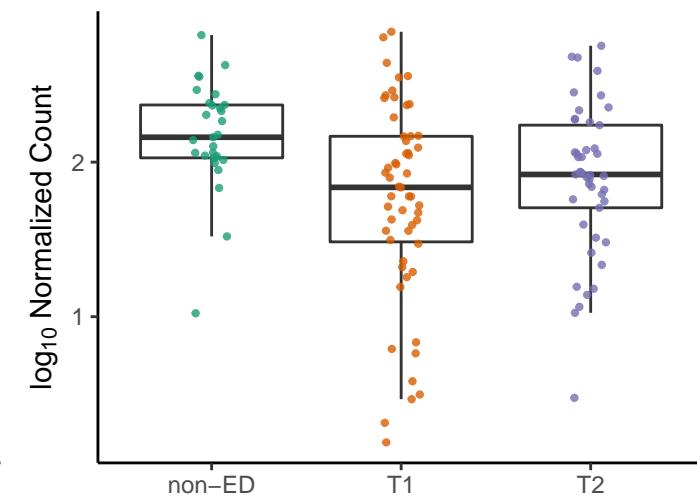
### *Variovorax* sp. PAMC 28711

non-ED vs. T1 adjusted p = 0.0033  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.87



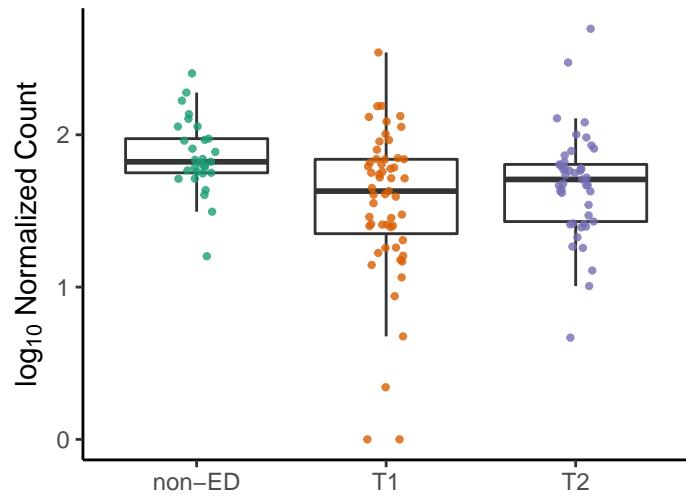
### *Paracoccus pantotrophus*

non-ED vs. T1 adjusted p = 0.0033  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



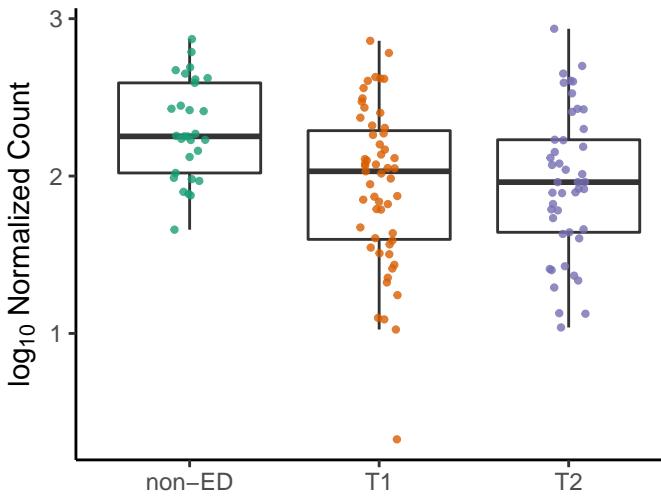
### *Marinobacter* sp. Arc7-DN-1

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



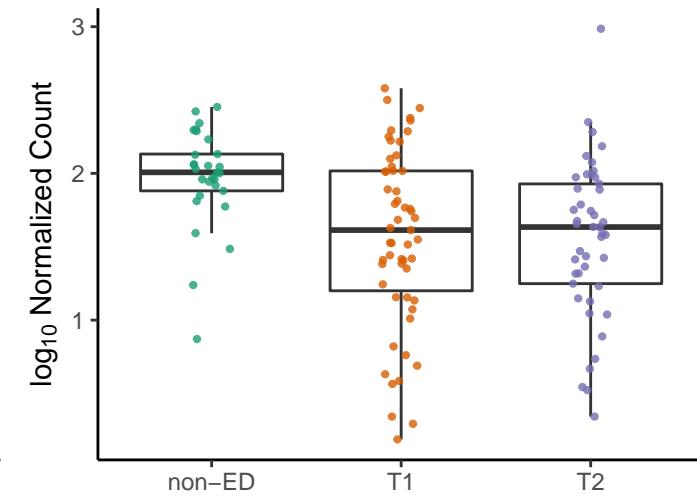
### *Singulisphaera acidiphila*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.0051  
 T1 vs. T2 adjusted p = 0.92



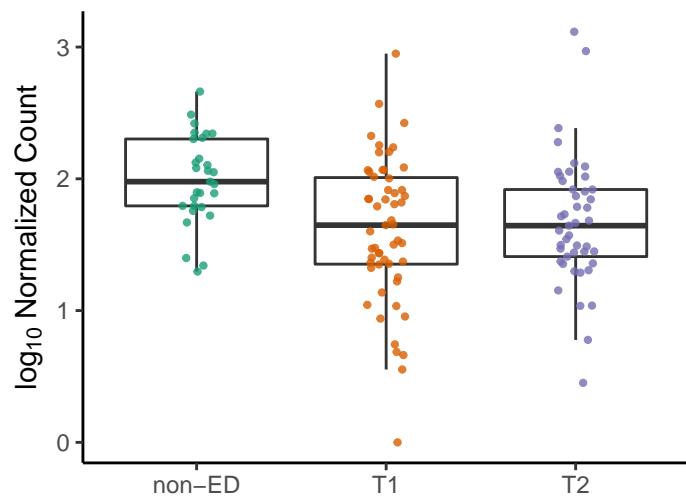
### *Neisseria zalophi*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.98



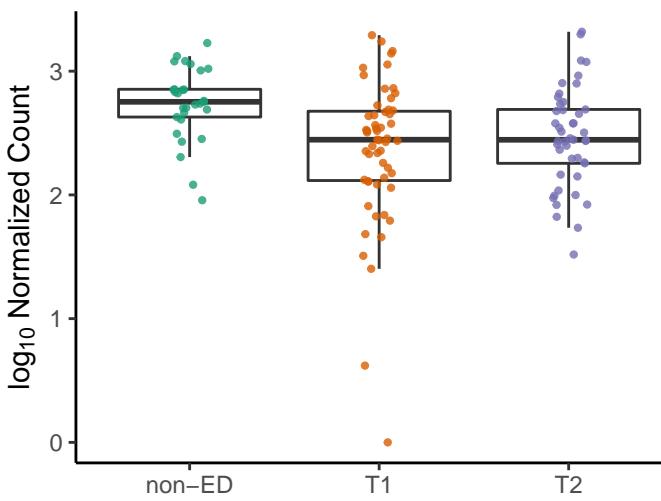
### *Simiduia agarivorans*

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.88



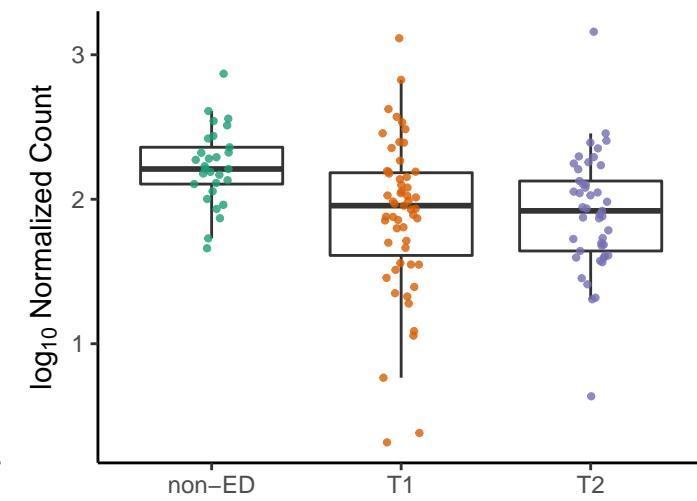
### Unclassified *Bordetella* Genus

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



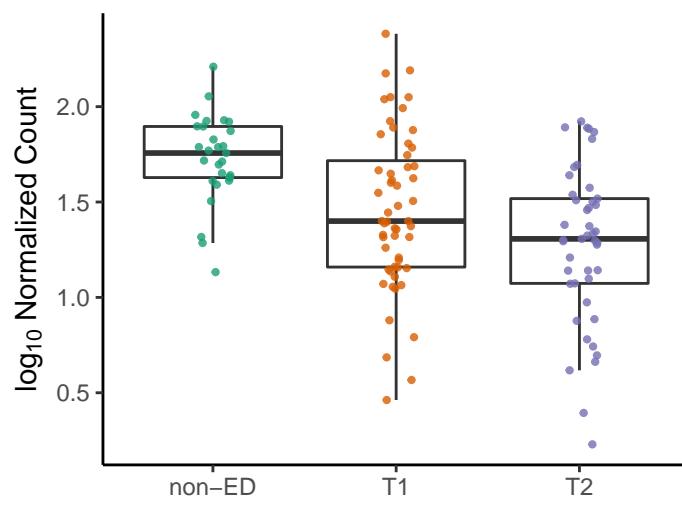
### Unclassified *Brucella* Genus

non-ED vs. T1 adjusted p = 0.0034  
 non-ED vs. T2 adjusted p = 0.0032  
 T1 vs. T2 adjusted p = 0.85



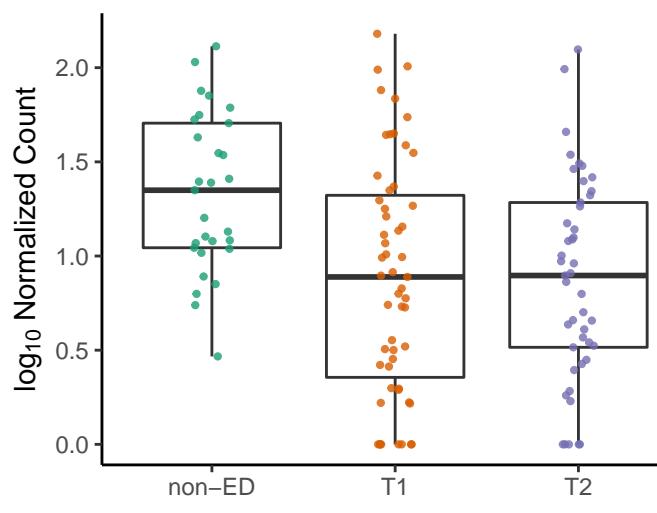
### Xenorhabdus nematophila

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.00018  
T1 vs. T2 adjusted p = 0.84



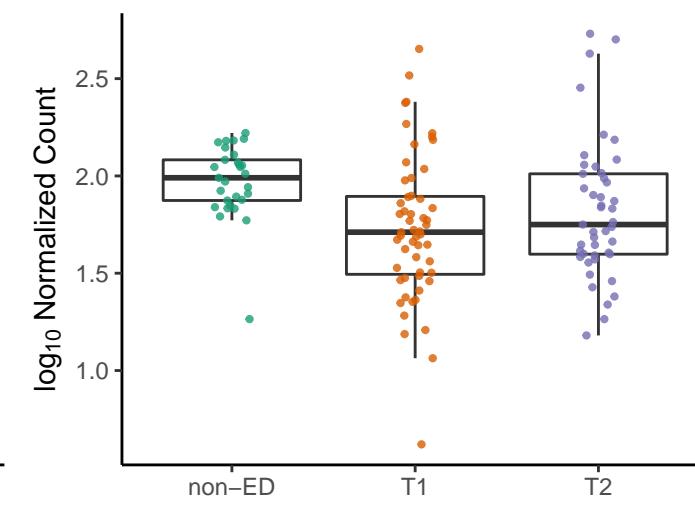
### Sulfurisphaera tokodaii

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.97



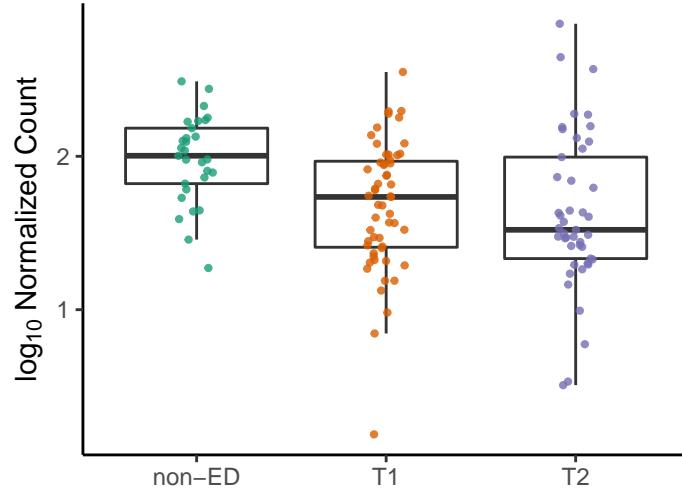
### Devriesea agamarum

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.85



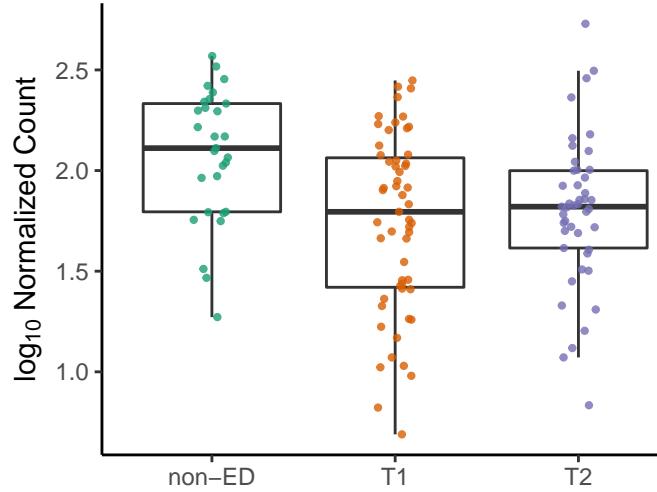
### Planctomycetes bacterium KS4

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.0046  
T1 vs. T2 adjusted p = 0.94



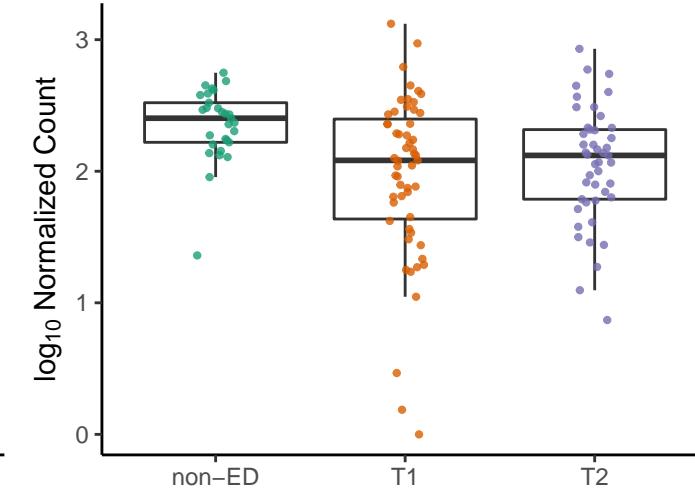
### Agrobacterium fabrum

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0094  
T1 vs. T2 adjusted p = 0.87



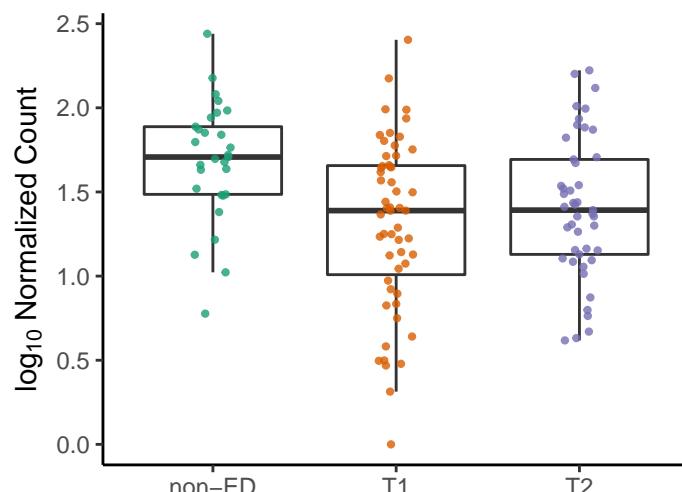
### Caulobacter flavus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.85



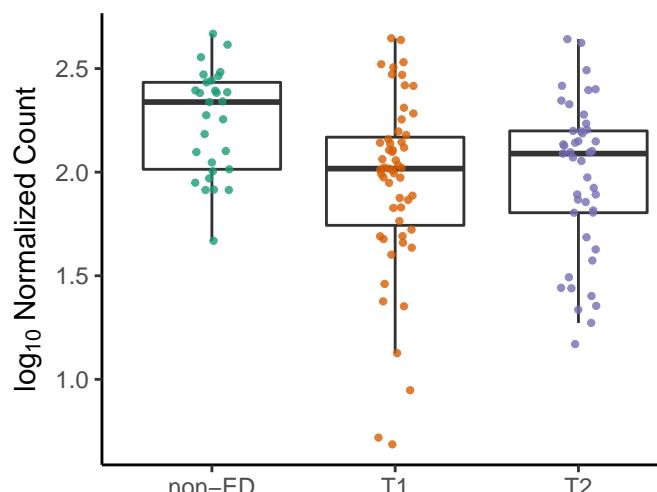
### Janthinobacterium sp. SNU WT3

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



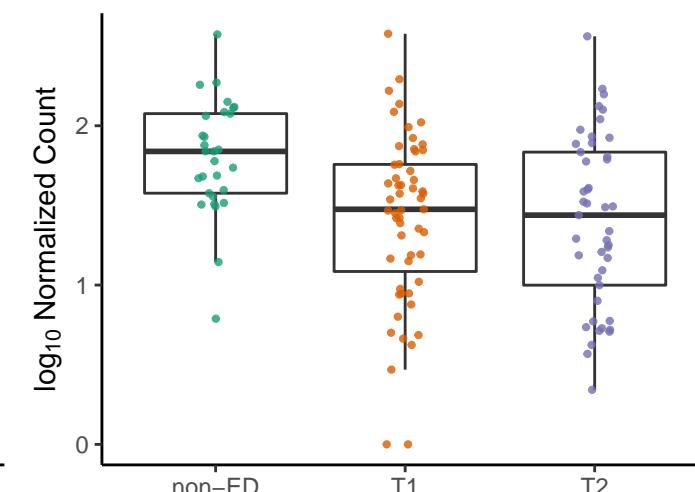
### Pyricularia grisea

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.91



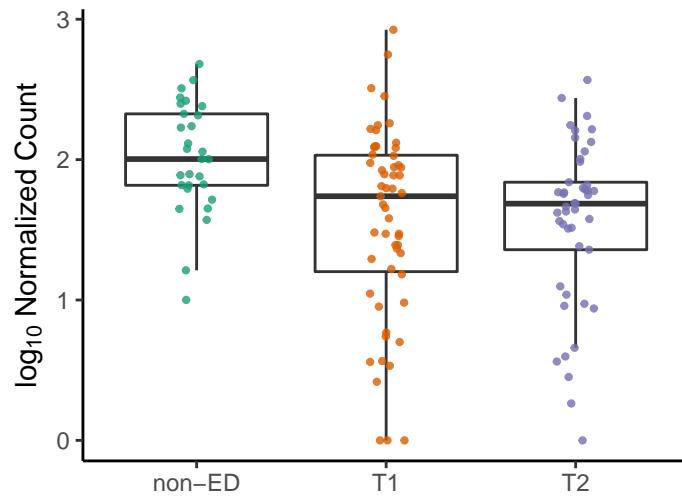
### Shewanella maritima

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0045  
T1 vs. T2 adjusted p = 0.95



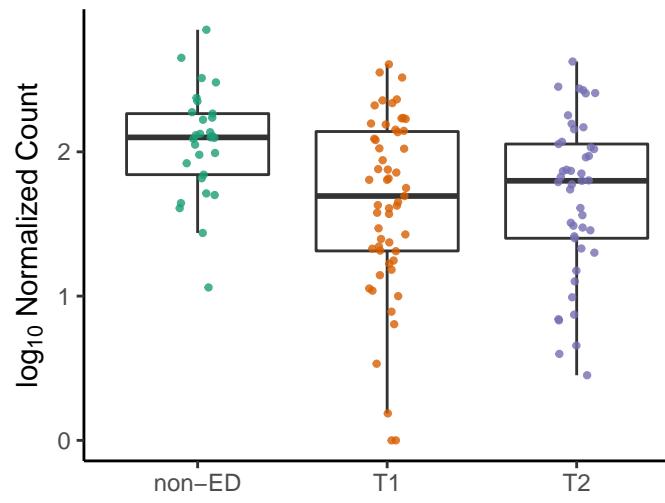
### *Sphingomonas taxi*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.91



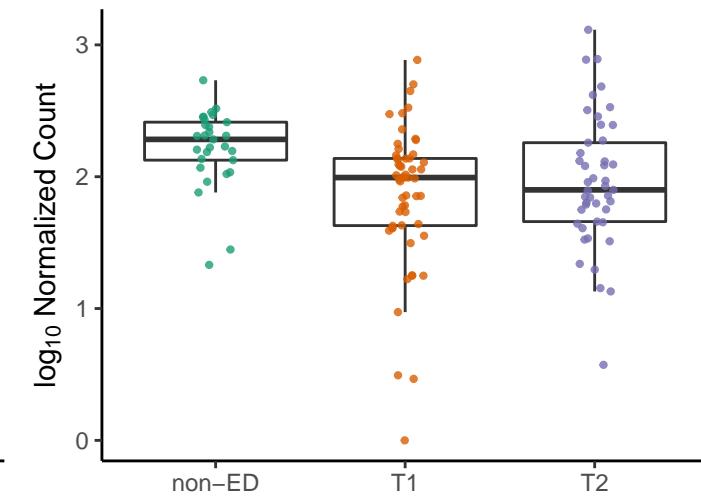
### *Streptomyces pristinaespiralis*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.85



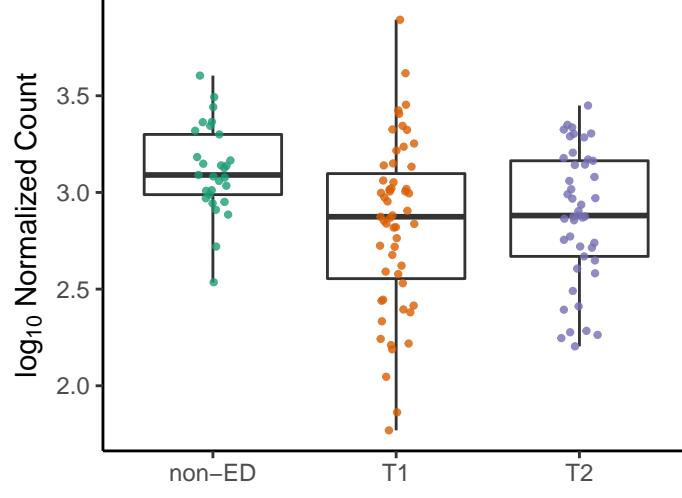
### *Thermoplasmatales archaeon BRNA1*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



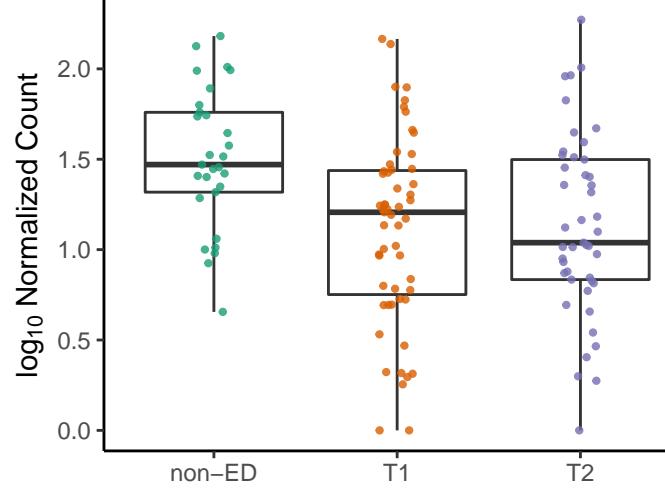
### Unclassified Mycobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.85



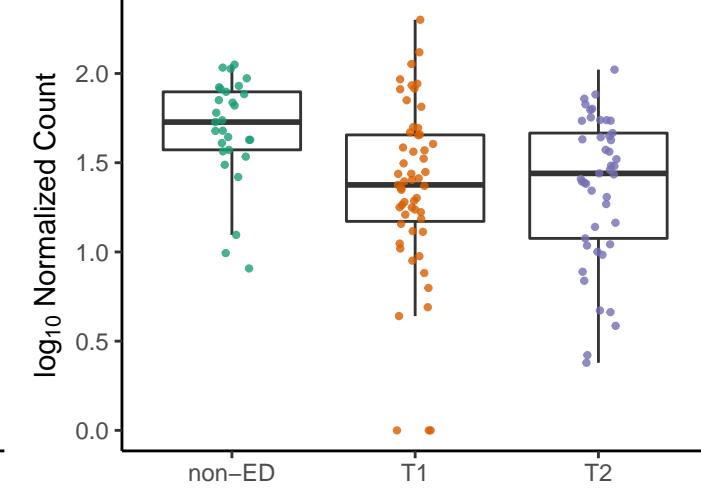
### Unclassified Tessaracoccus Genus

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



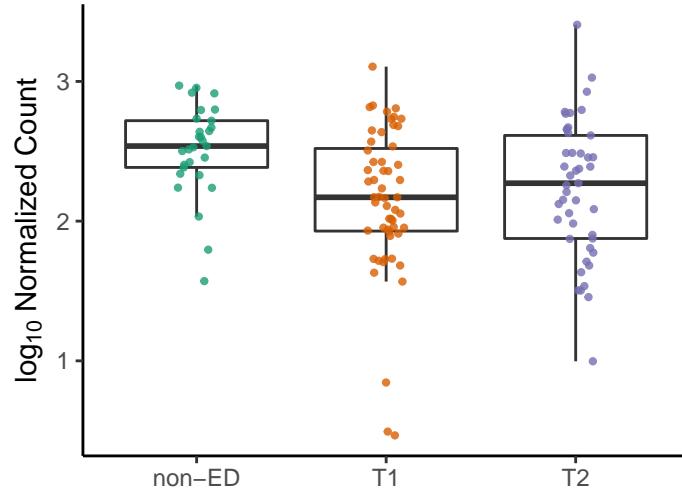
### *Shewanella aestuarii*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0043  
 T1 vs. T2 adjusted p = 0.92



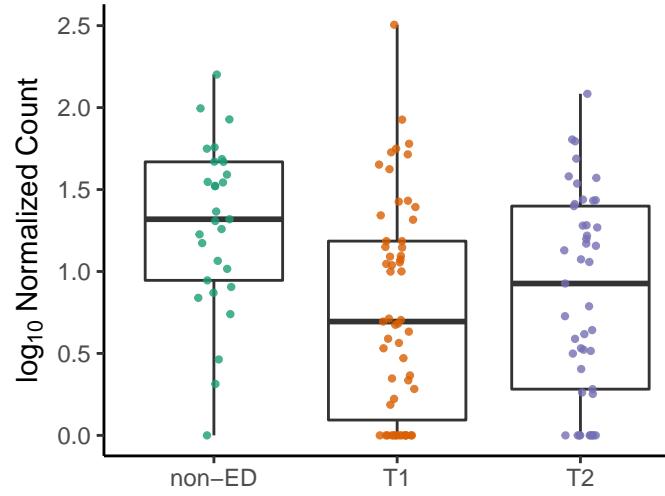
### *Conexibacter woessei*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



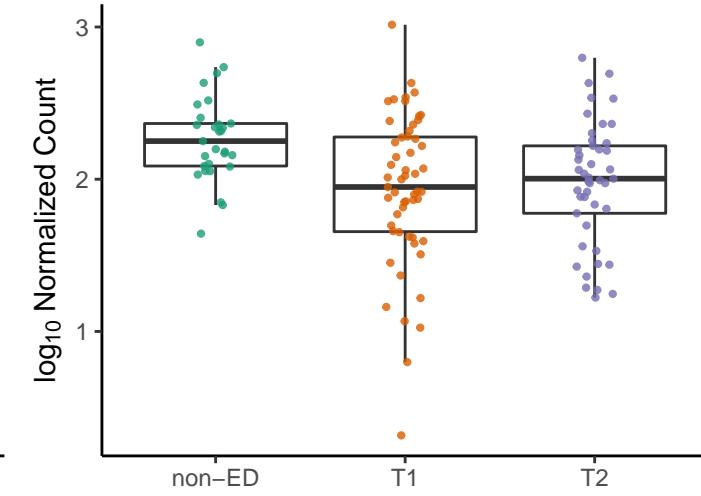
### *Ralstonia pseudosolanacearum*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



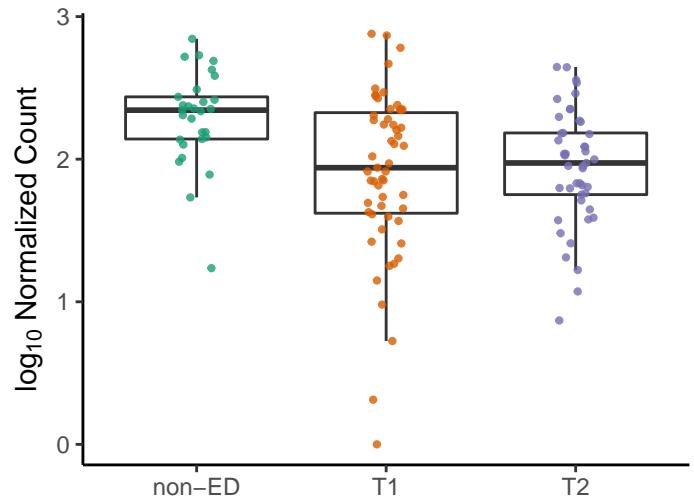
### *Bordetella flabilis*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



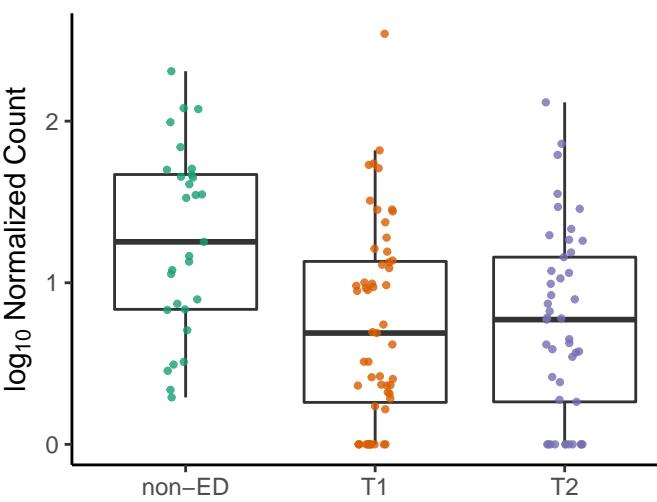
### *Pseudomonas knackmussii*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



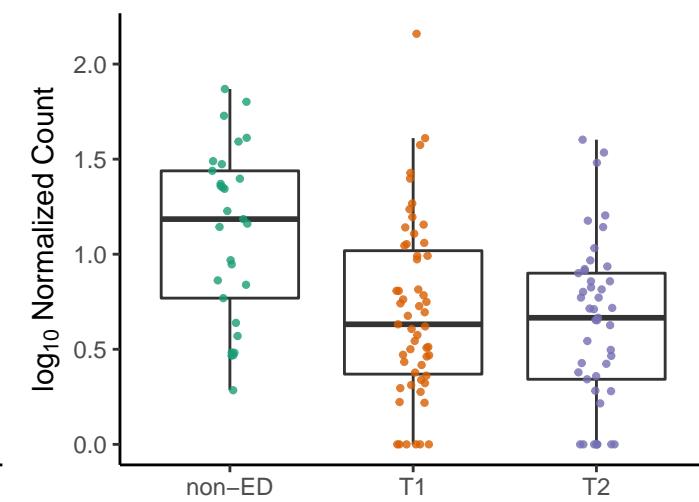
### Unclassified Rhodoluna Genus

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.87



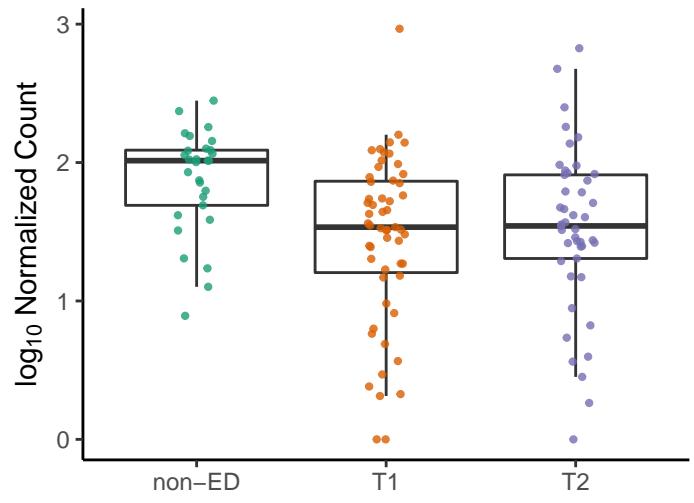
### Unclassified Selenomonadaceae Family

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.87



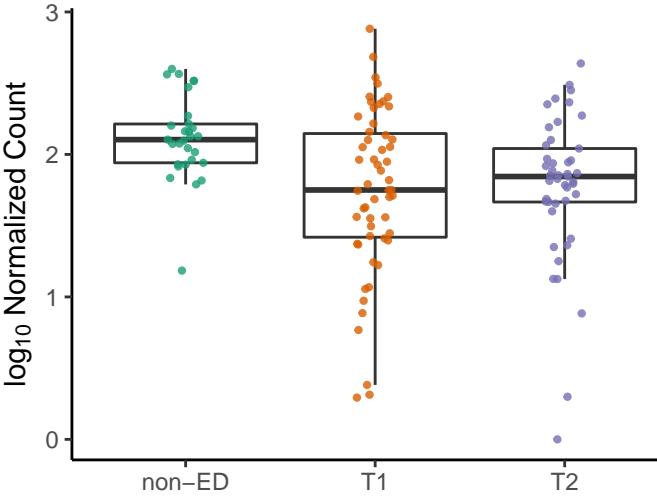
### *Streptomyces* sp. HF10

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



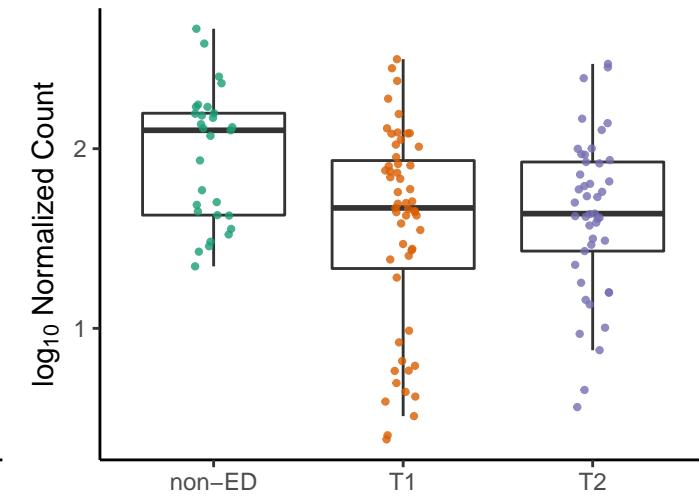
### *Altererythrobacter* sp. B11

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.85



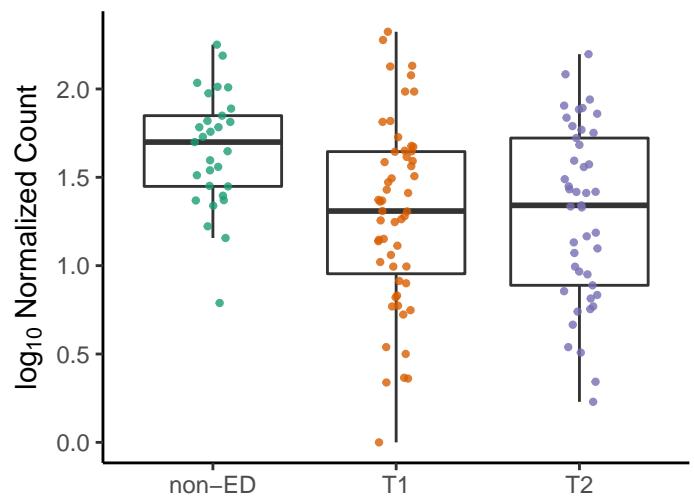
### *Amycolatopsis* japonica

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



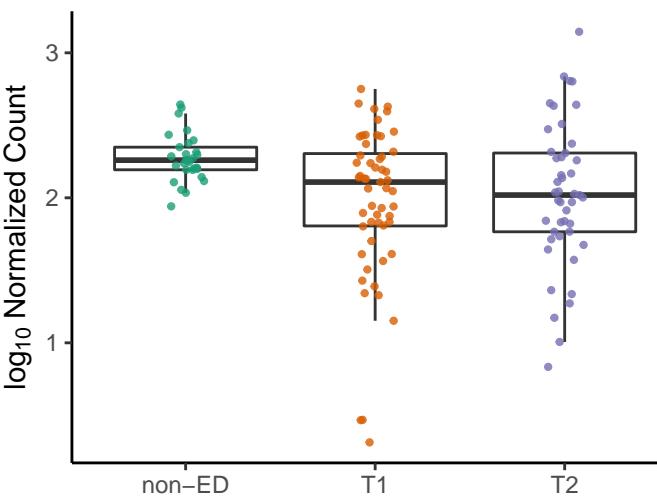
### *Arcobacter cibarius*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.98



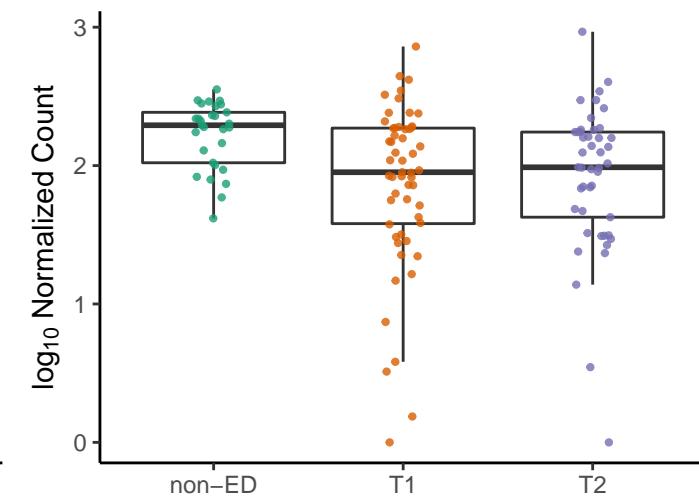
### *Bosea vaviloviae*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



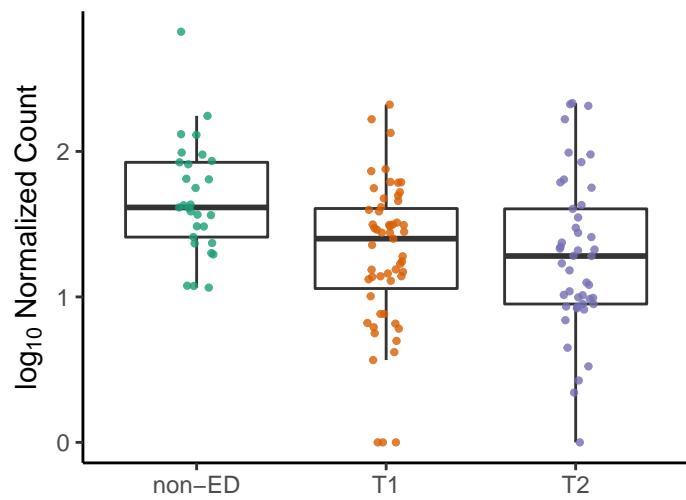
### *Halovulum dunhuangense*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.85



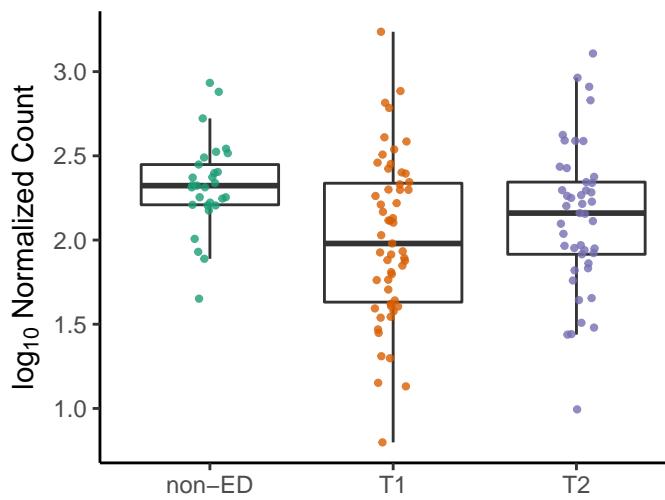
### *Methyloimonas clara*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.88



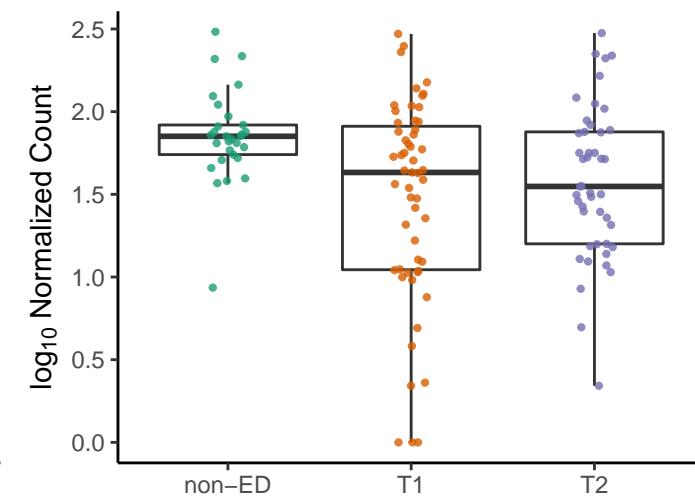
### *Microterricola viridarii*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



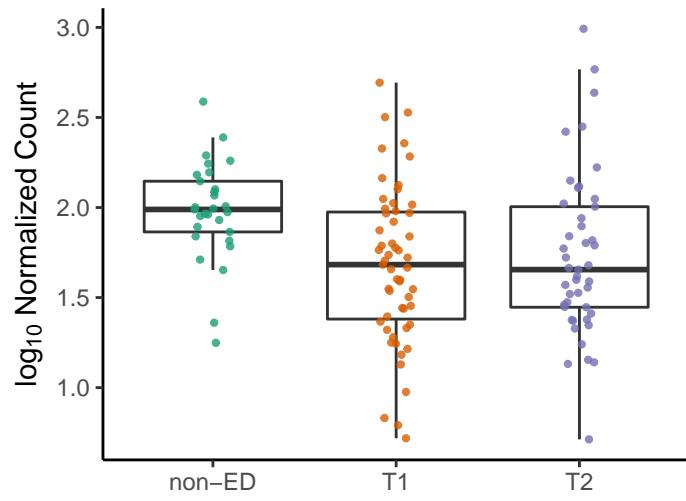
### *Mycobacterium heidelbergense*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



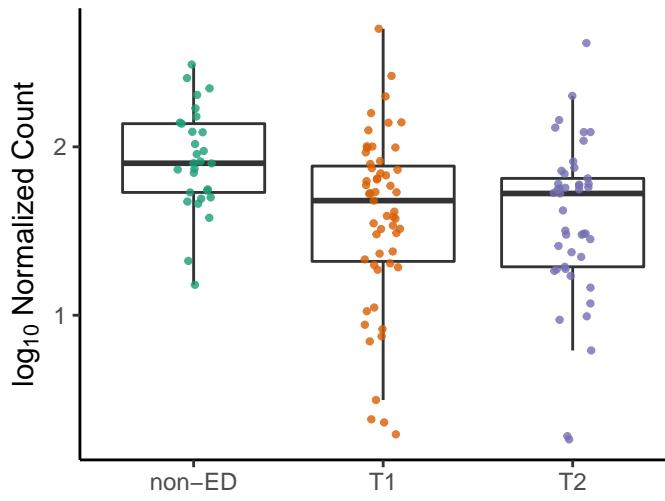
### *Salicibibacter kimchii*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



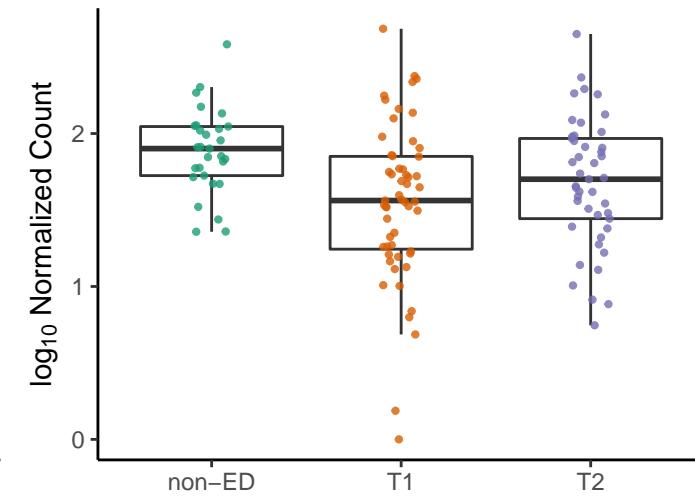
### *Synechococcus sp. KORDI-52*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 1



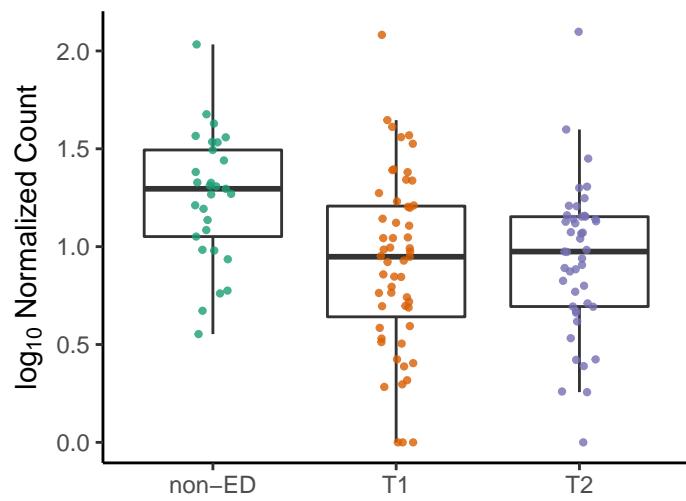
### *Teredinibacter turnerae*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



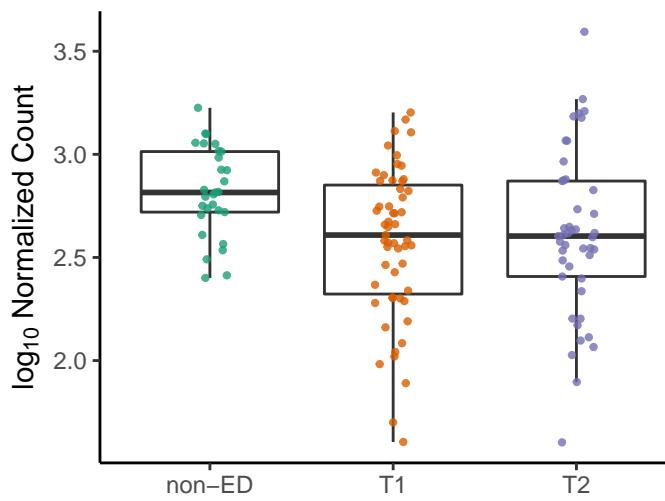
### *Thermocrinis minervae*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.95



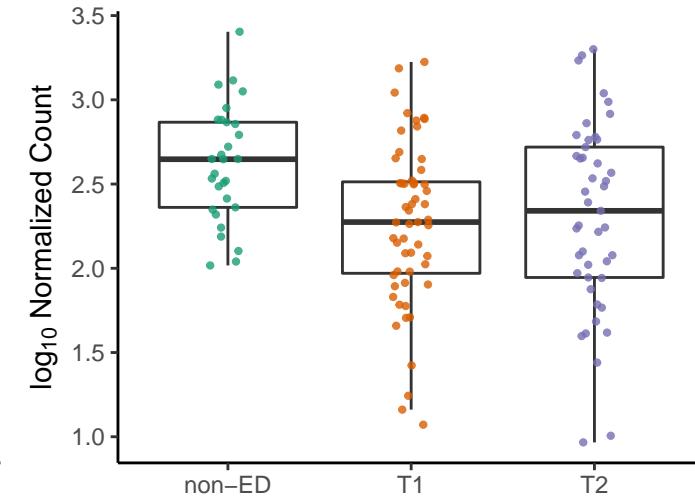
### *Treponema brennaboreense*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



### *Bifidobacterium choerinum*

non-ED vs. T1 adjusted p = 0.0035  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85

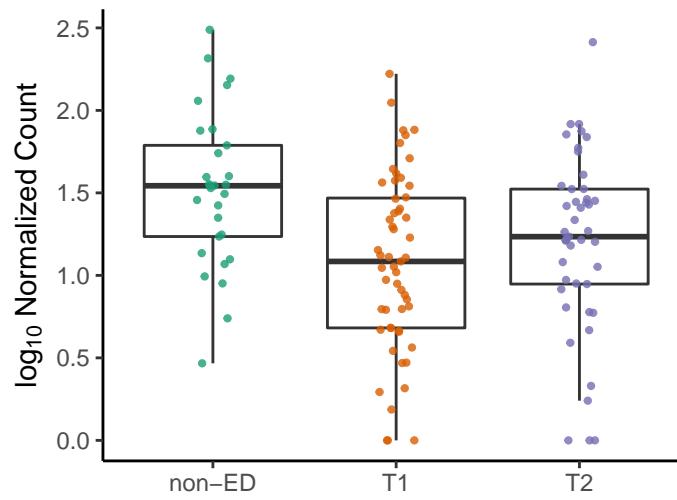


### *Pseudomonas* sp. THAF7b

non-ED vs. T1 adjusted p = 0.0035

non-ED vs. T2 adjusted p = 0.028

T1 vs. T2 adjusted p = 0.85

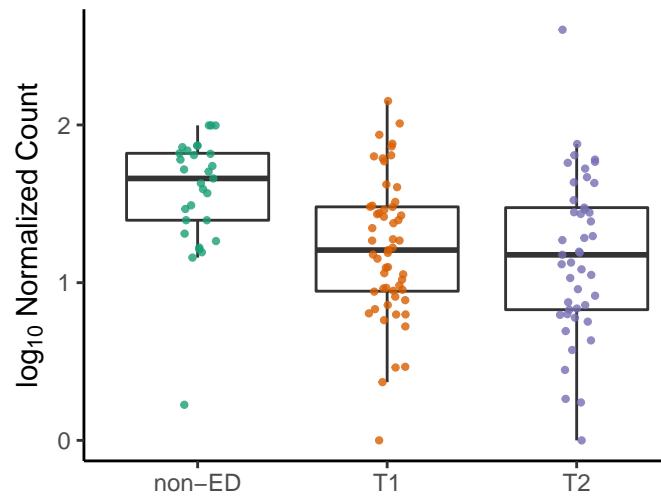


### *Idiomarina loihiensis*

non-ED vs. T1 adjusted p = 0.0035

non-ED vs. T2 adjusted p = 0.0037

T1 vs. T2 adjusted p = 0.85

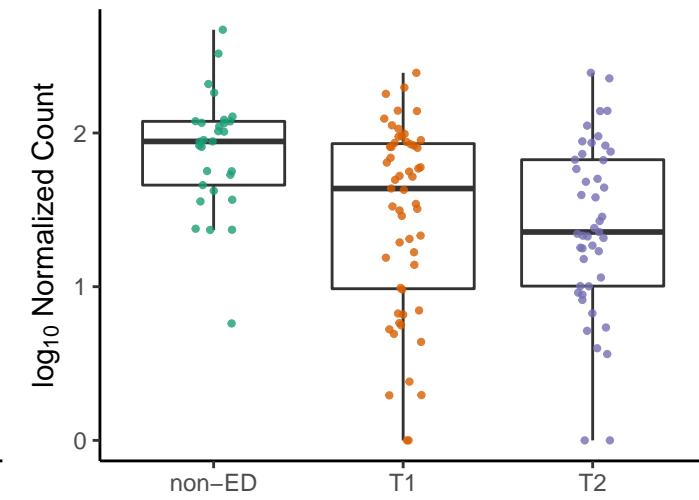


### *Thauera aromatic*a

non-ED vs. T1 adjusted p = 0.0035

non-ED vs. T2 adjusted p = 0.0022

T1 vs. T2 adjusted p = 0.95

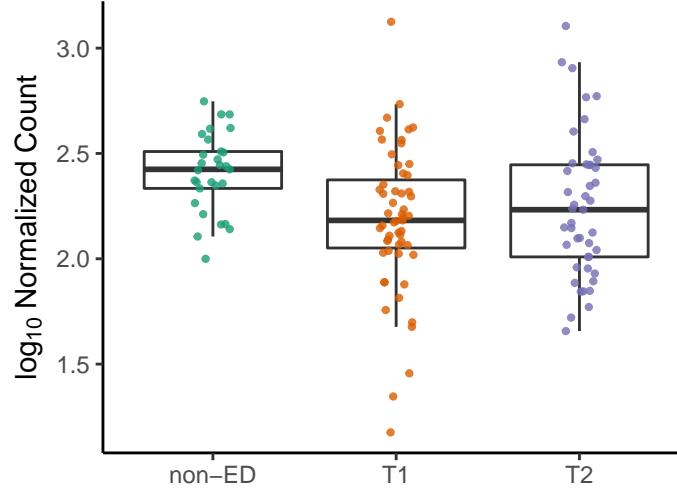


### *Paenibacillus graminis*

non-ED vs. T1 adjusted p = 0.0036

non-ED vs. T2 adjusted p = 0.027

T1 vs. T2 adjusted p = 0.85

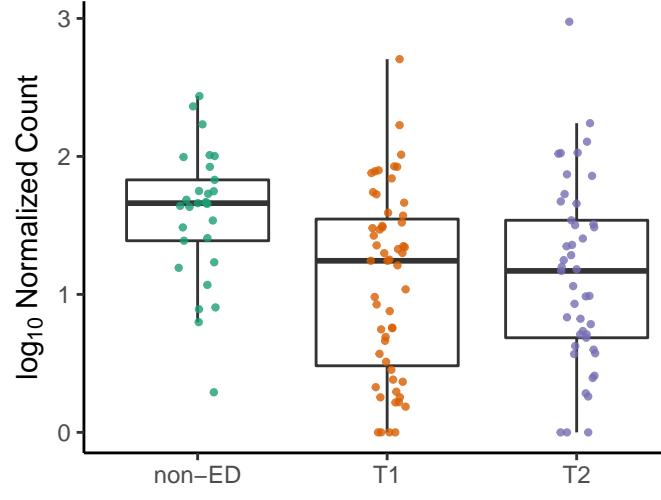


### *Streptomyces* sp. M56

non-ED vs. T1 adjusted p = 0.0036

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.85

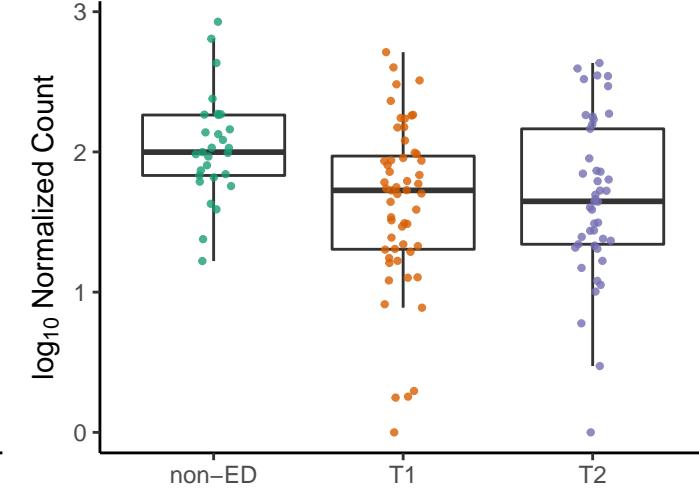


### *Corynebacterium maris*

non-ED vs. T1 adjusted p = 0.0036

non-ED vs. T2 adjusted p = 0.01

T1 vs. T2 adjusted p = 0.96

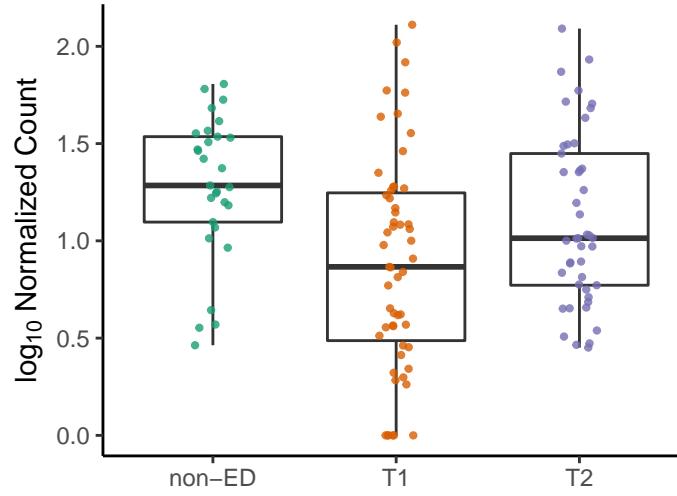


### *Methanofervidicoccus* sp. A16

non-ED vs. T1 adjusted p = 0.0036

non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.85

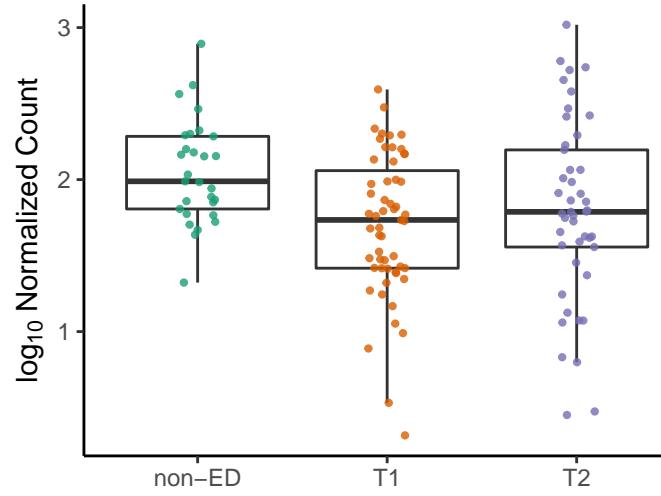


### *Bradyrhizobium* sp. ORS 3257

non-ED vs. T1 adjusted p = 0.0036

non-ED vs. T2 adjusted p = 0.05

T1 vs. T2 adjusted p = 0.85

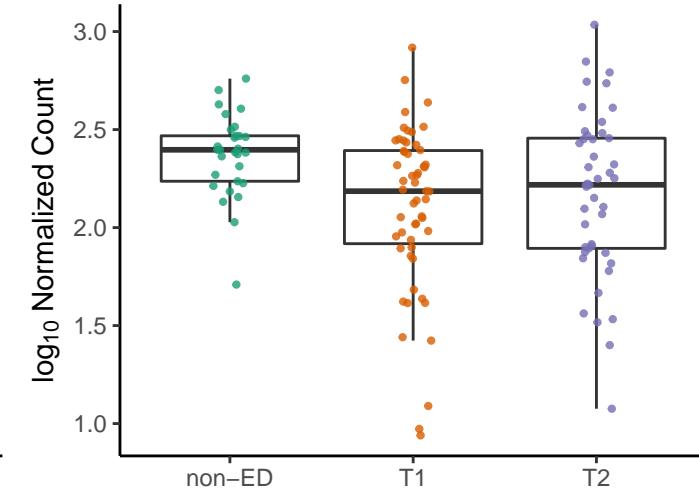


### *Desulfurivibrio alkaliphilus*

non-ED vs. T1 adjusted p = 0.0036

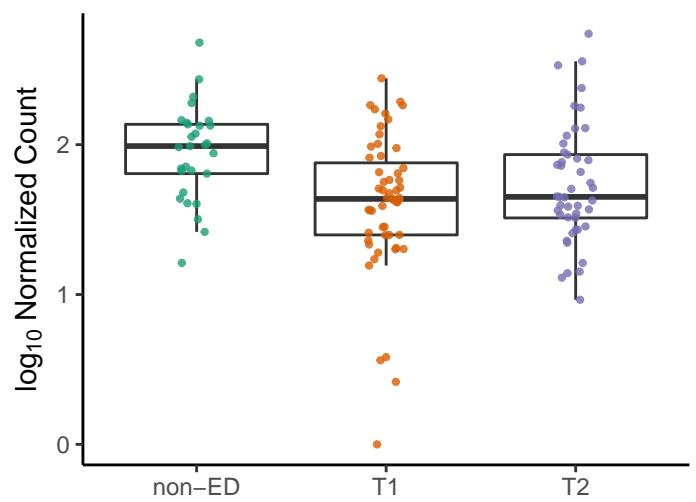
non-ED vs. T2 adjusted p = 0.029

T1 vs. T2 adjusted p = 0.85



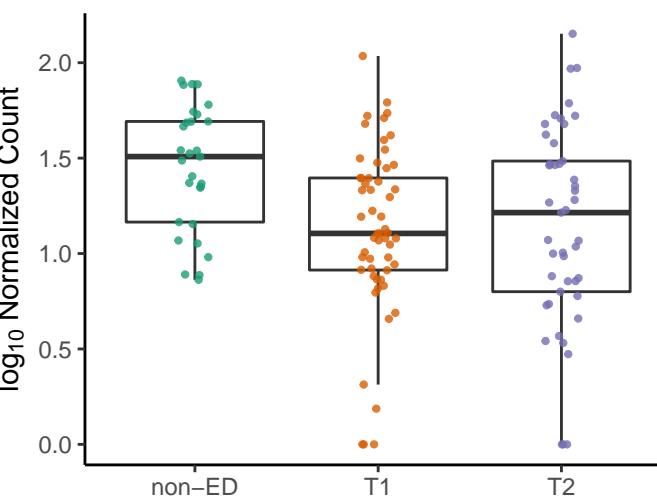
### *Pseudomonas pelagia*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



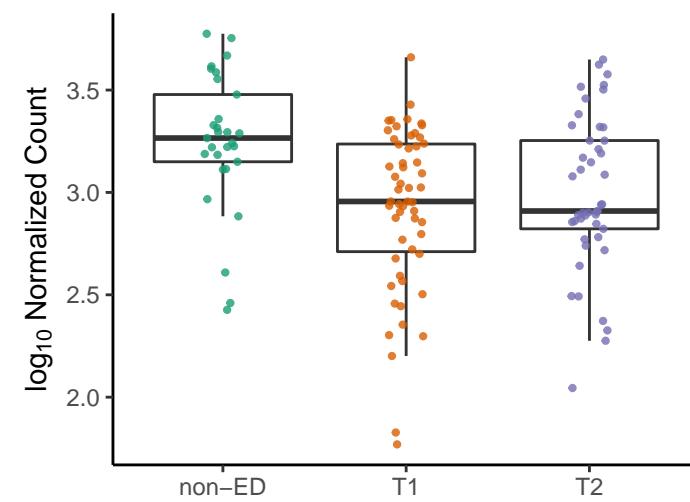
### Unclassified Methylophilaceae Family

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.91



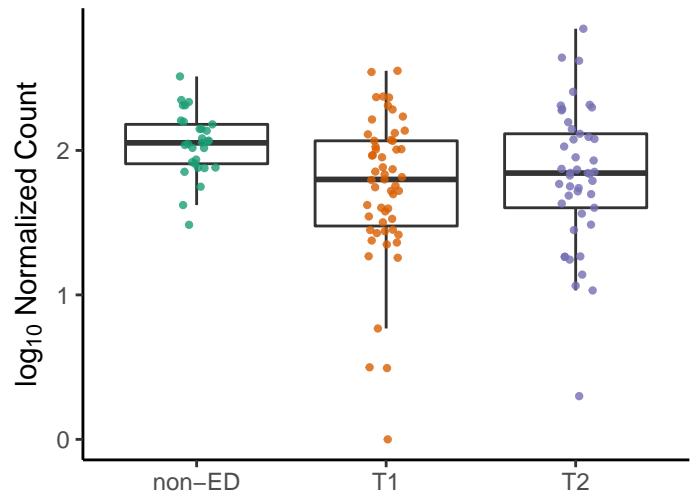
### *Faecalibaculum rodentium*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



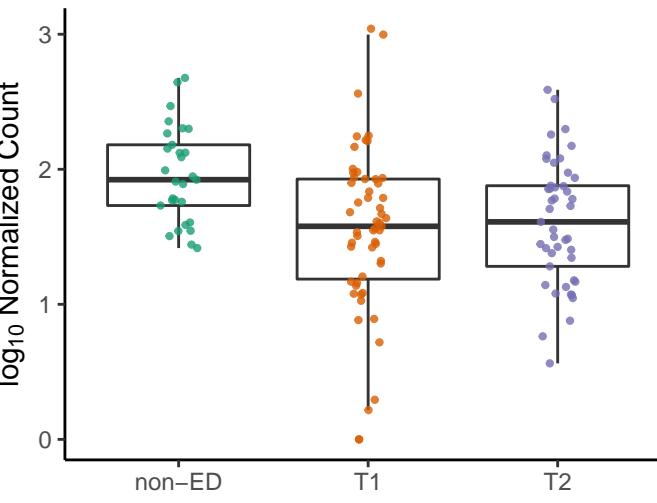
### *Mycolicibacterium arabiense*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



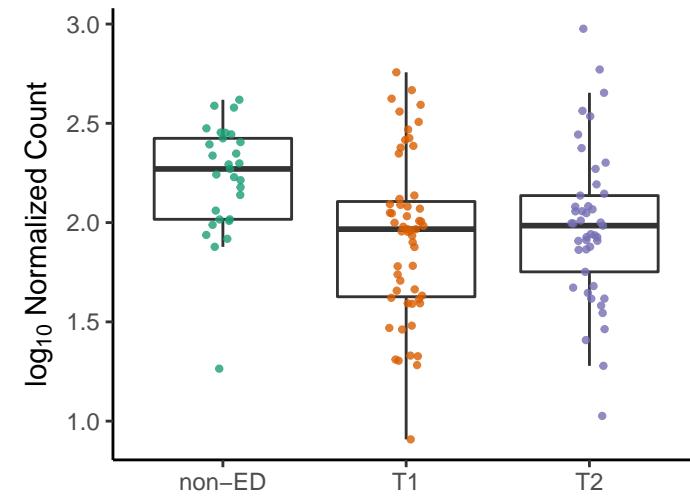
### *Streptomyces* sp. NEAU-S7GS2

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.006  
 T1 vs. T2 adjusted p = 0.85



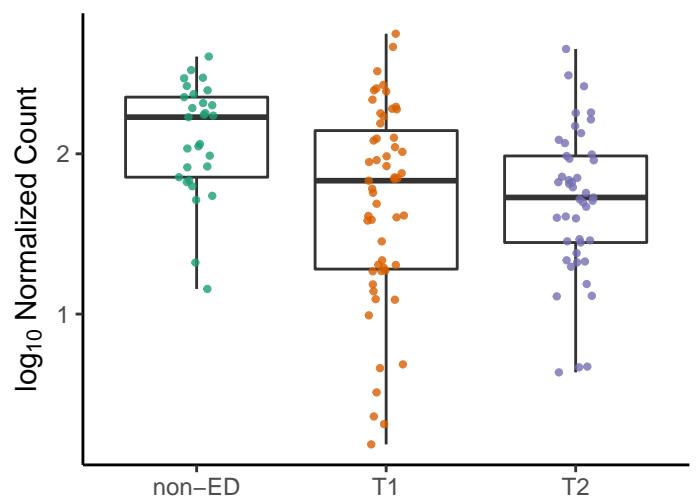
### *Halanaerobium hydrogeniformans*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.87



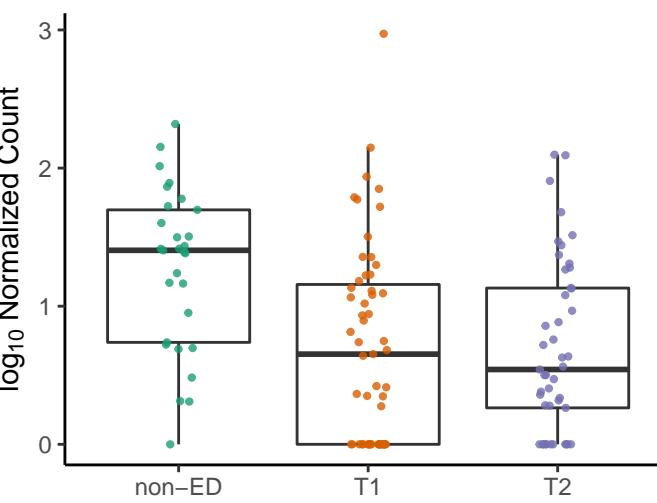
### *Halothiobacillus* sp. LS2

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.9



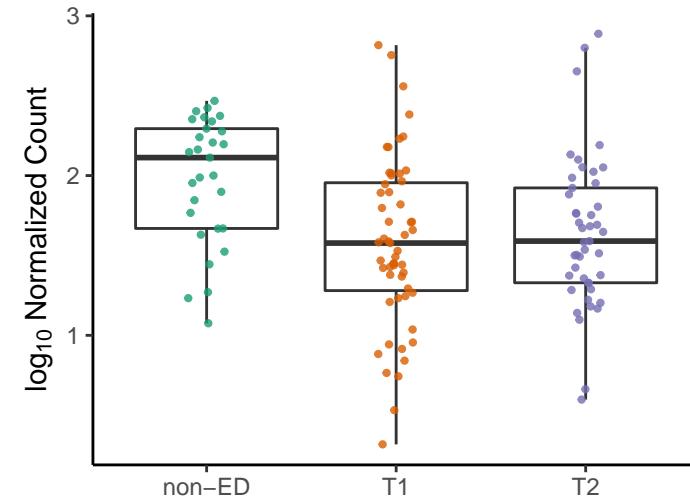
### *Pseudomonas* sp. R3-18-08

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.96



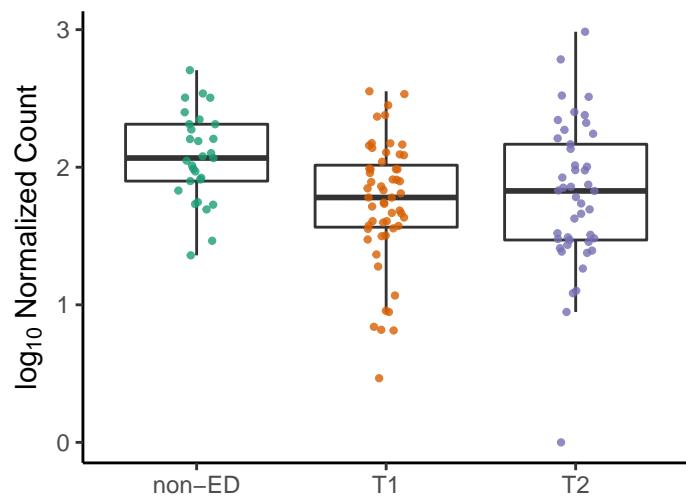
### *Arcanobacterium phocae*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



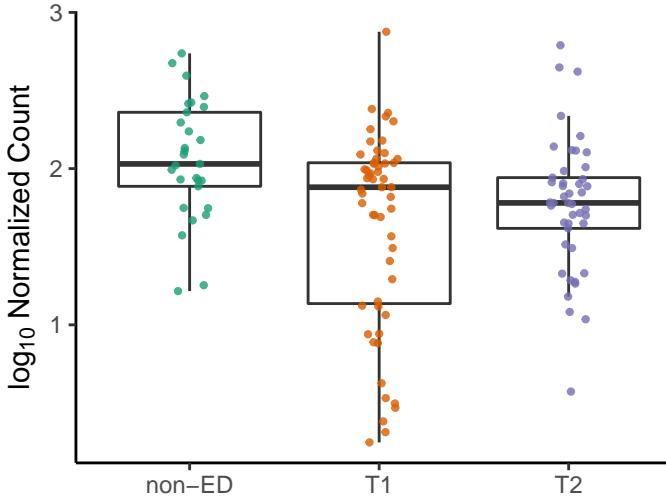
### *Acidihalobacter ferrooxidans*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



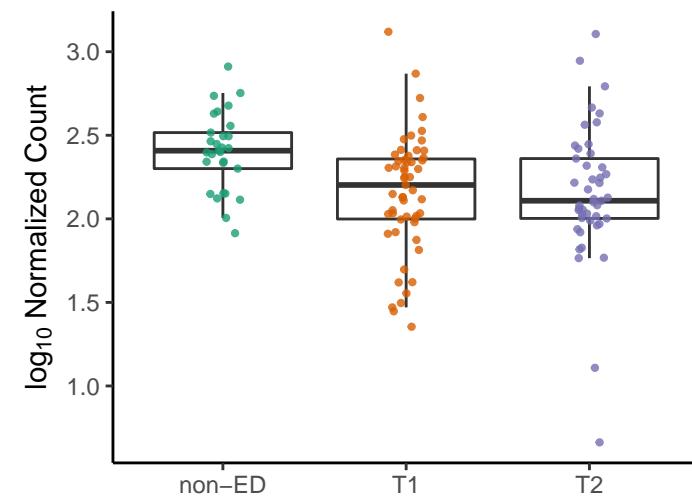
### *Vitreoscilla filiformis*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



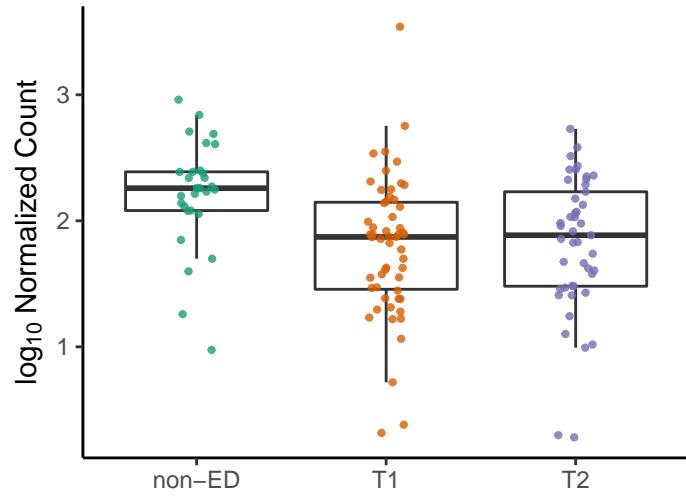
### Unclassified Exiguobacterium Genus

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.92



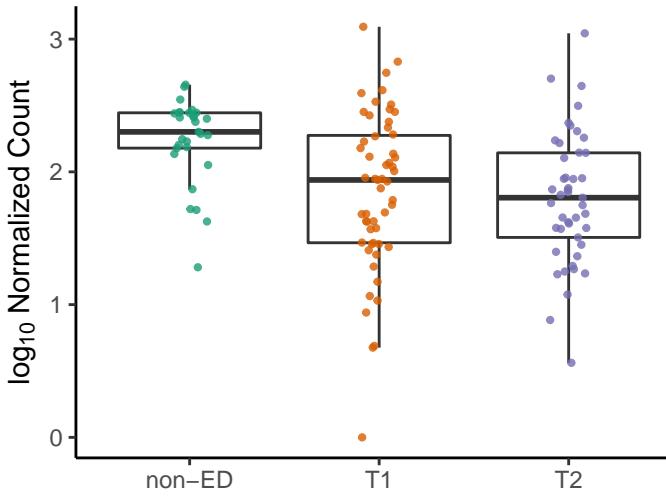
### *Acidovorax* sp. RAC01

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.85



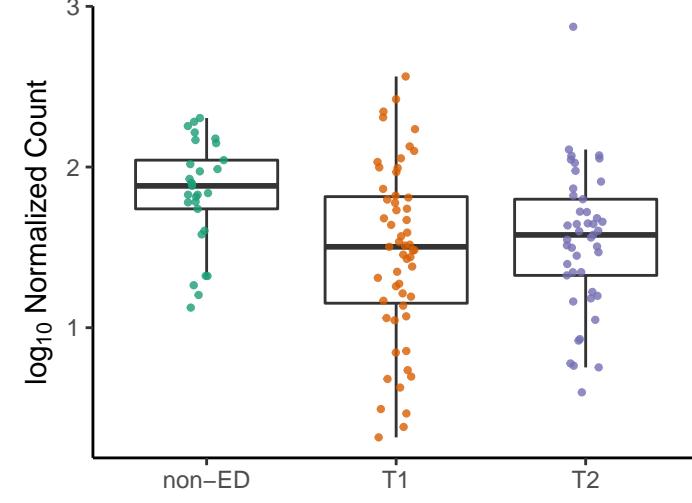
### *Chelatococcus* sp. CO-6

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.89



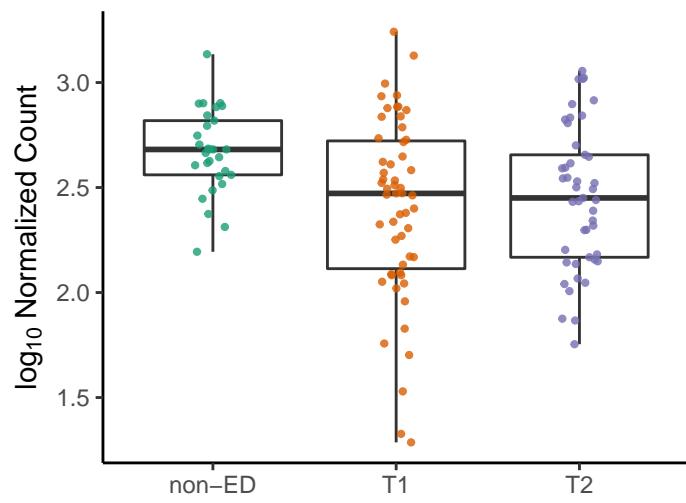
### *Corynebacterium* kroppenstedtii

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



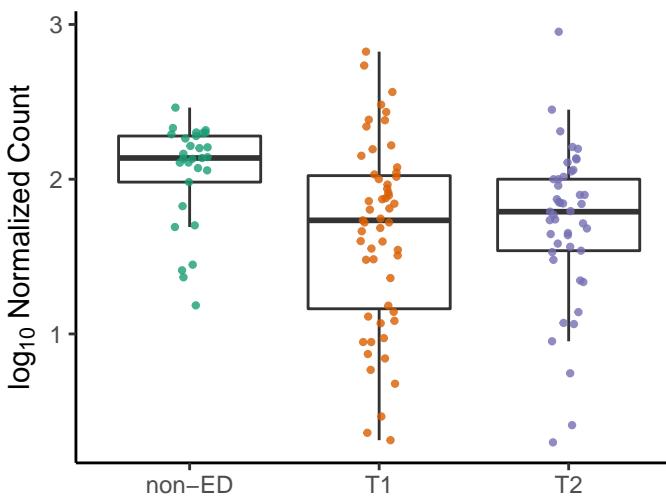
### *Desulfosarcina ovata*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.85



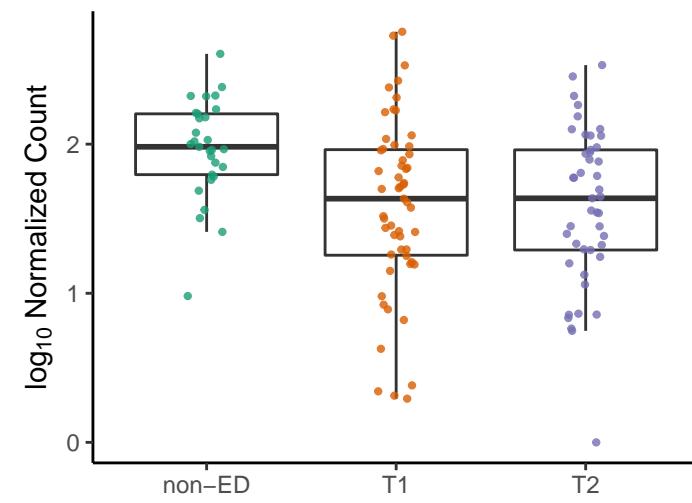
### *Herbaspirillum huttiense*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



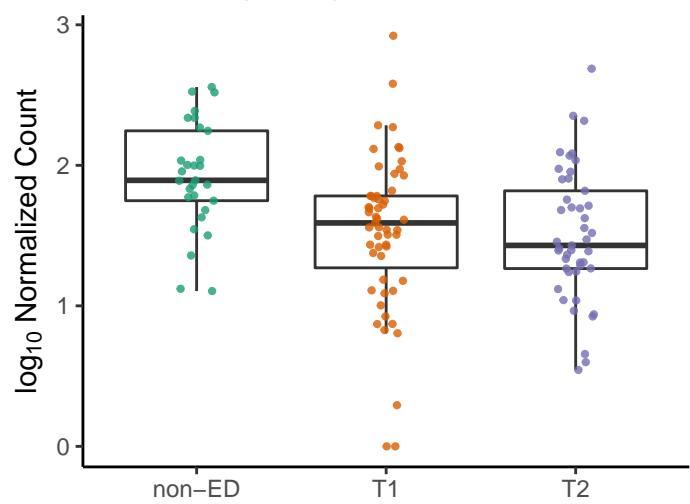
### *Luteimonas yindakuii*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0043  
 T1 vs. T2 adjusted p = 0.91



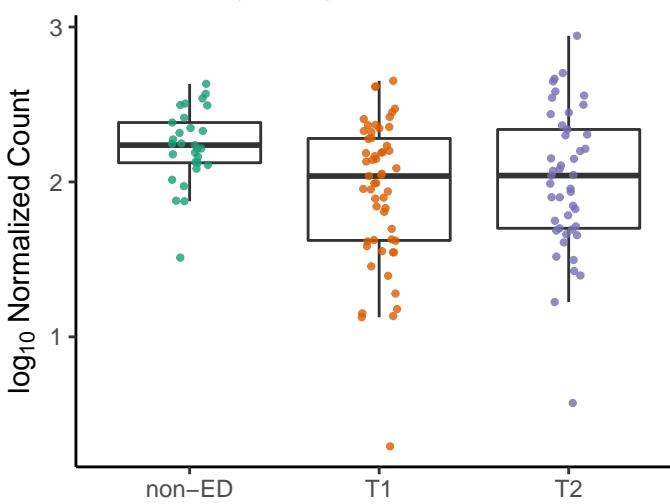
### *Microbacterium endophyticum*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.94



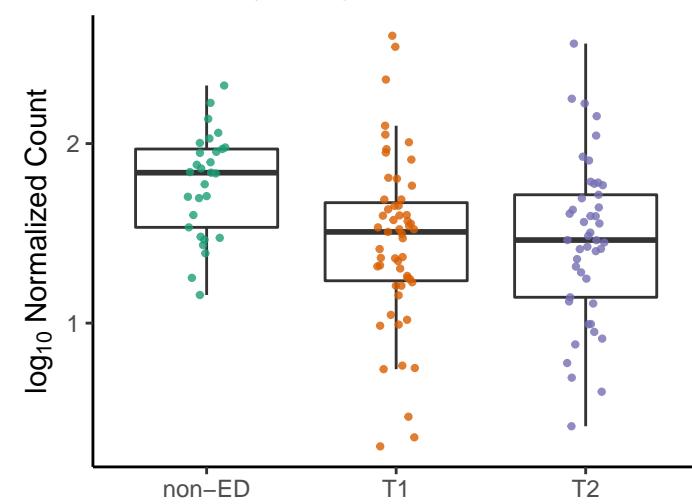
### *Nitratireductor sp. SY7*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



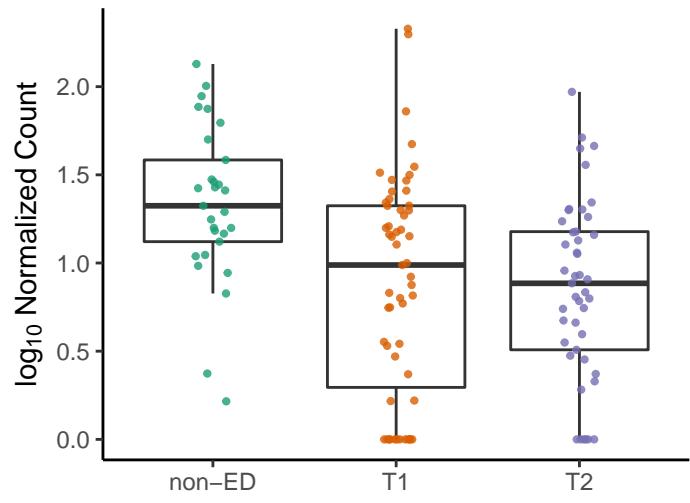
### *Pseudomonas marincola*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.88



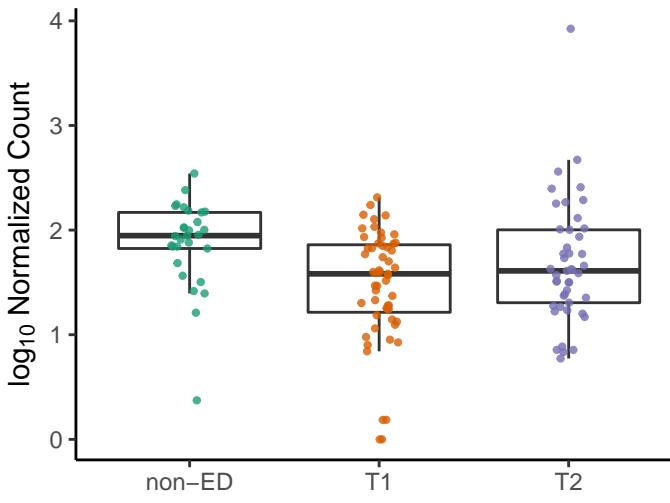
### *Pseudomonas sp. A214*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.0026  
 T1 vs. T2 adjusted p = 1



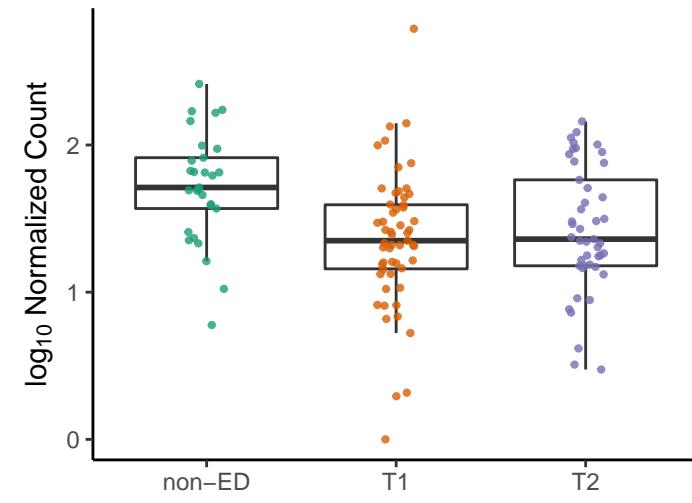
### *Pseudomonas versuta*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.77



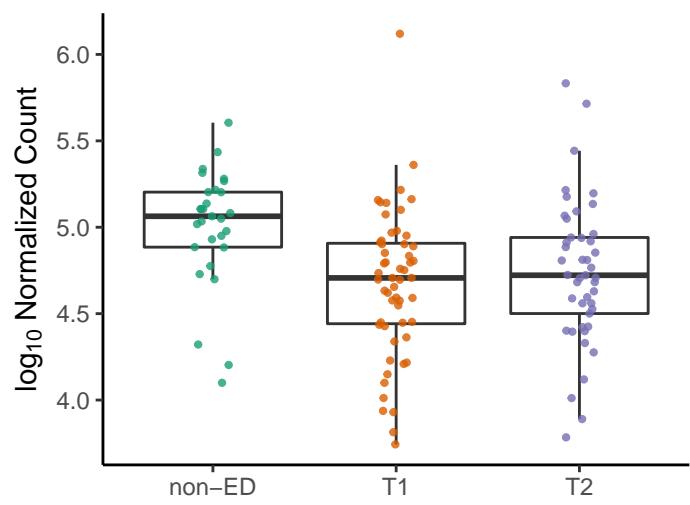
### *Pseudomonas xanthomarina*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.86



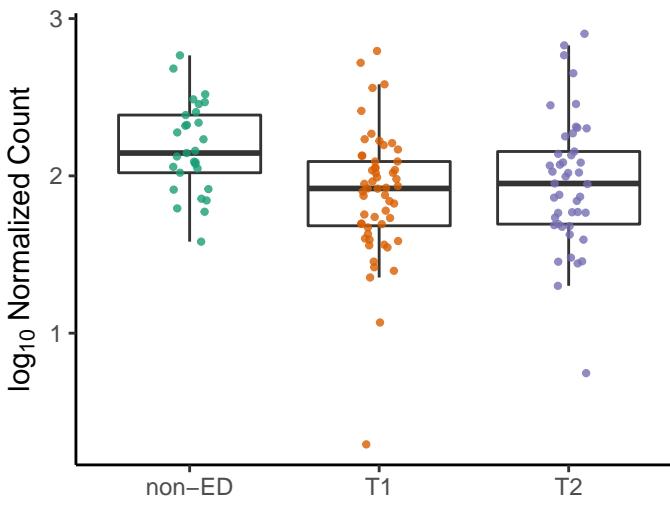
### *Roseburia intestinalis*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.87



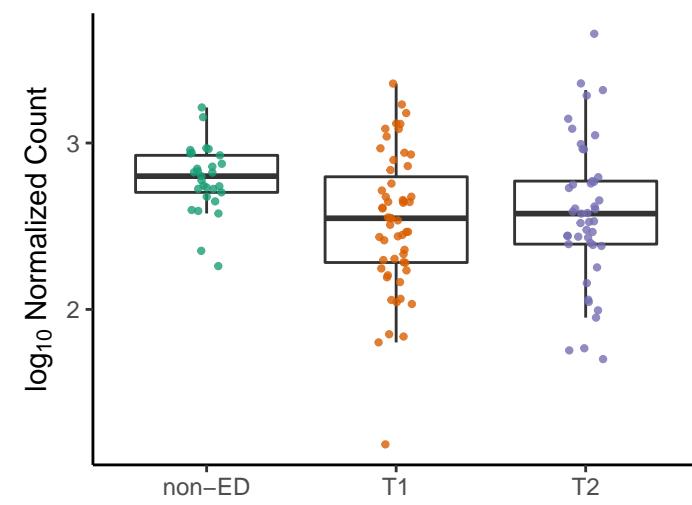
### *Sedimenticola thiotaurini*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



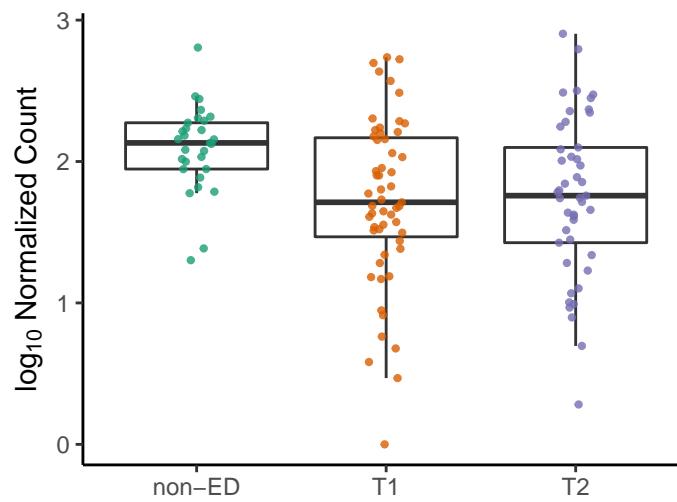
### *Selenomonas sp. oral taxon 126*

non-ED vs. T1 adjusted p = 0.0037  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



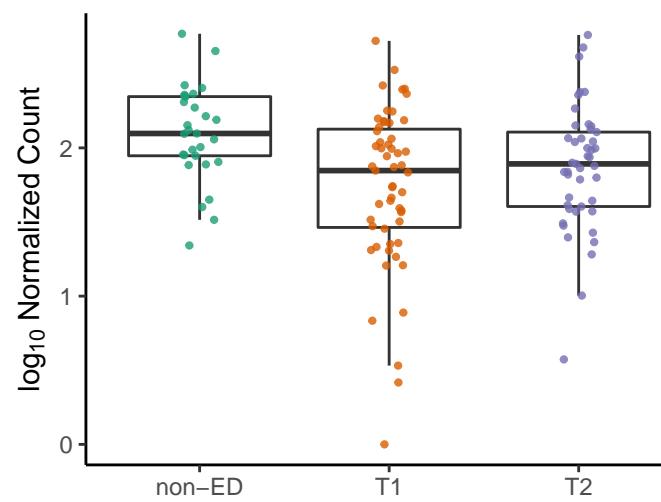
### Serinicoccus sp. JLT9

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.86



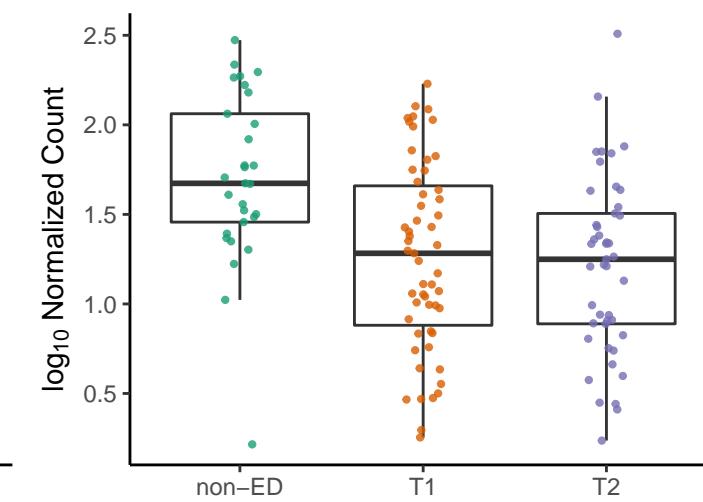
### Sphingomonas koreensis

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.85



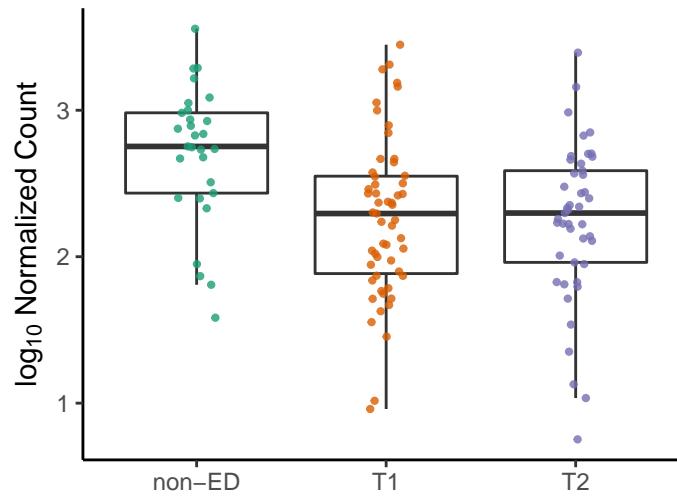
### Spiroplasma corruscae

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0028  
T1 vs. T2 adjusted p = 0.95



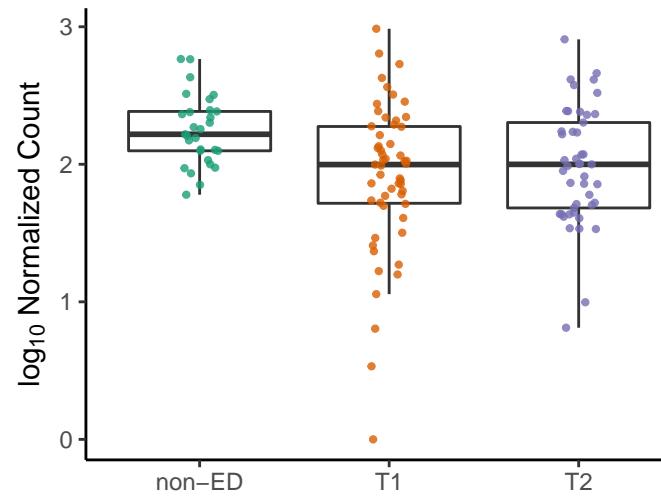
### Streptococcus lutetiensis

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.93



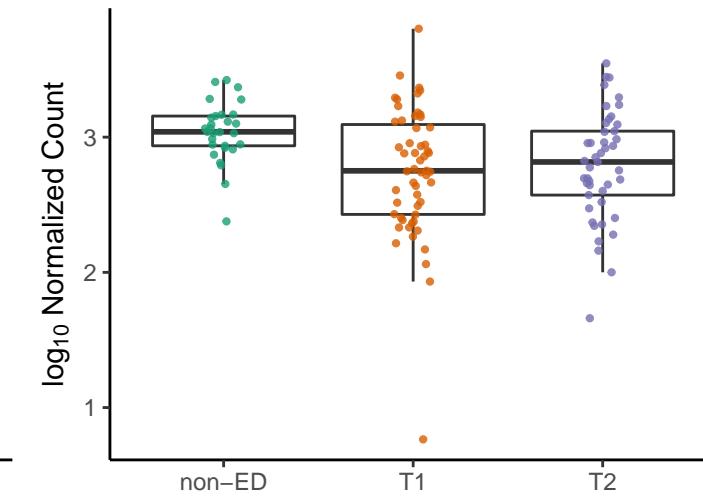
### Streptomyces clavuligerus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



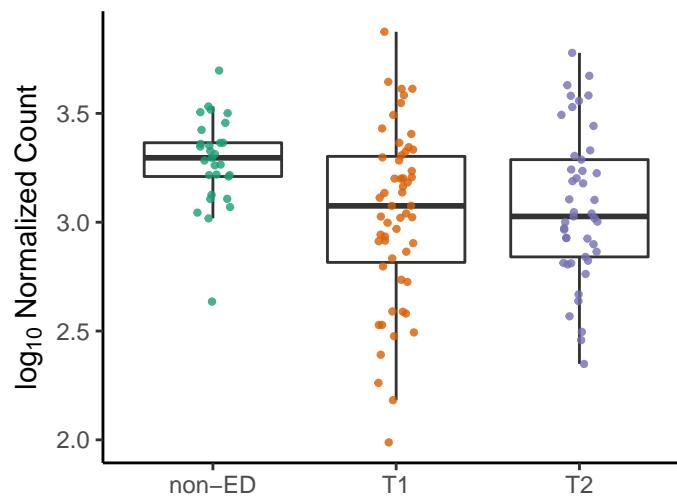
### Streptomyces venezuelae

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.85



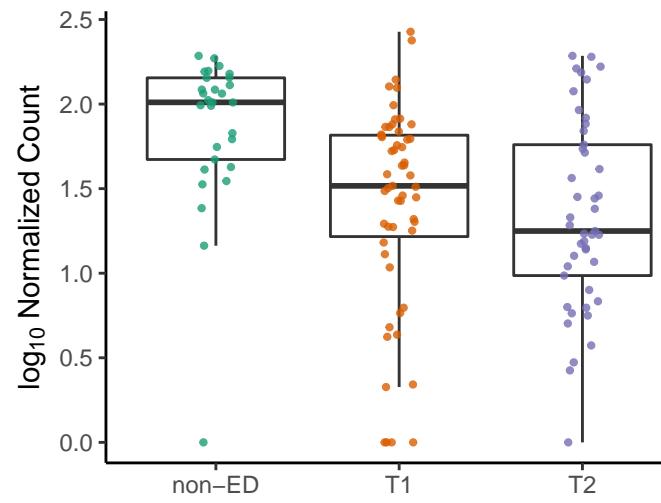
### Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



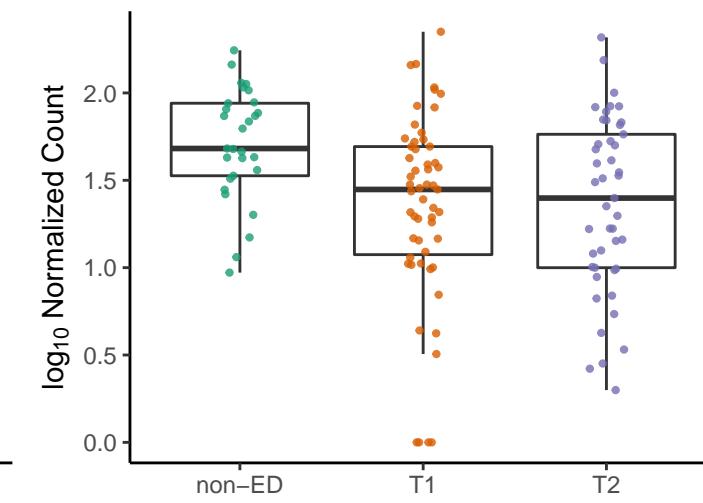
### Unclassified Desulfobacteraceae Family

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.88



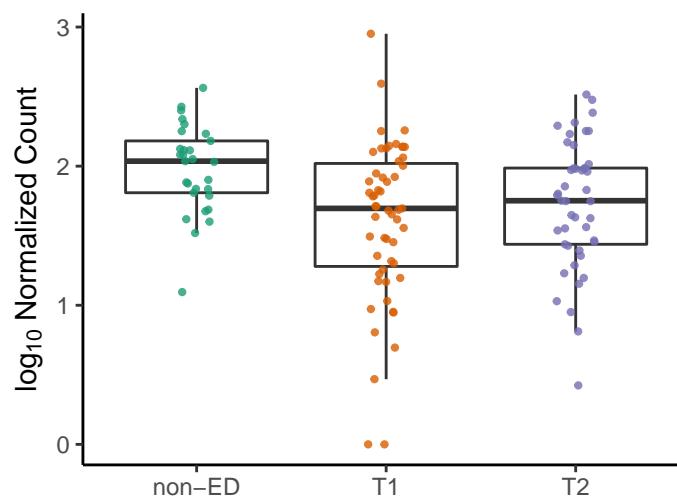
### Unclassified Methylibium Genus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.98



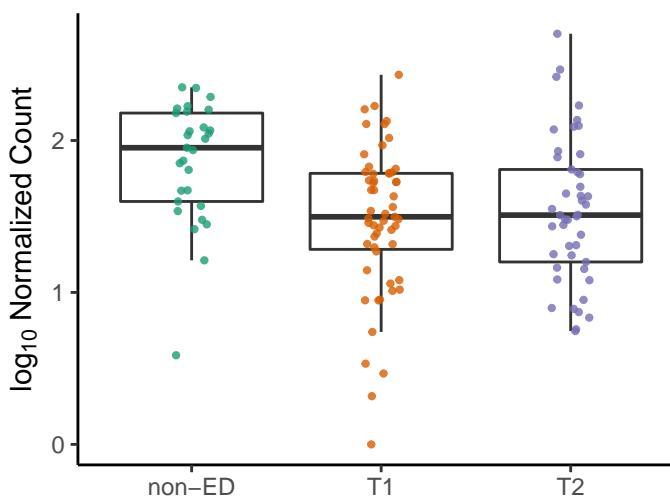
### Unclassified Micrococcus Genus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



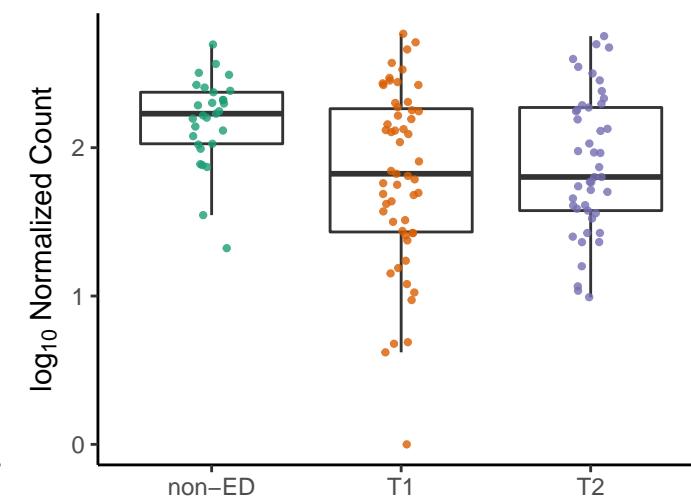
### Unclassified Natrialbaceae Family

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



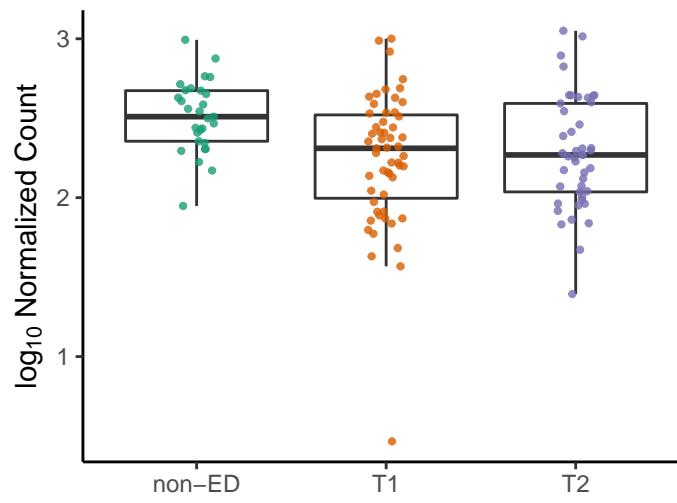
### Unclassified Nocardioides Genus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



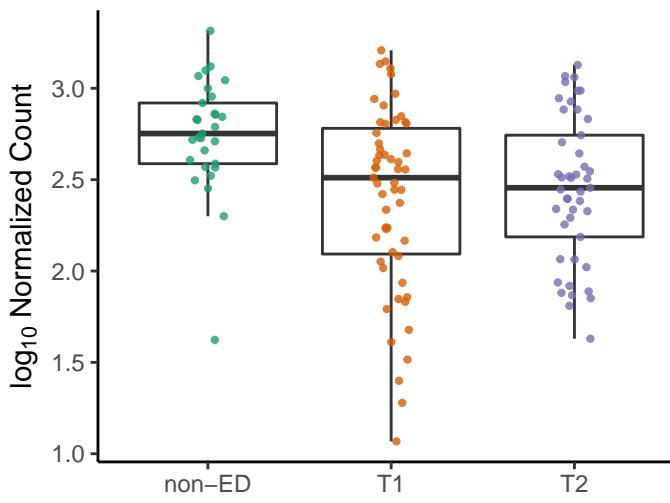
### Unclassified Paraburkholderia Genus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.85



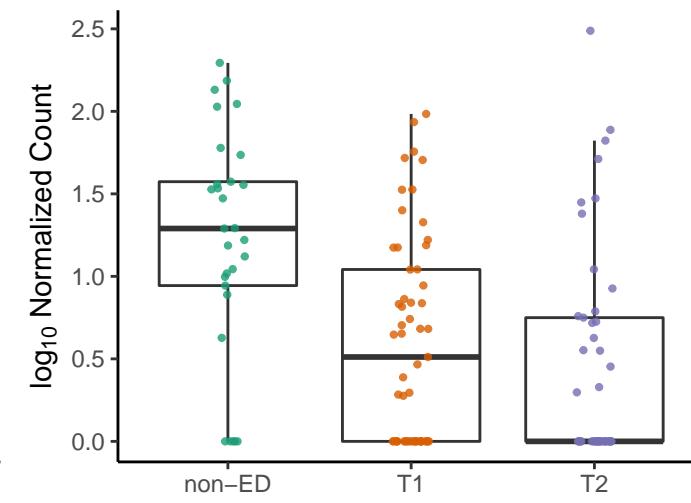
### Unclassified Xanthomonadaceae Famil

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.85



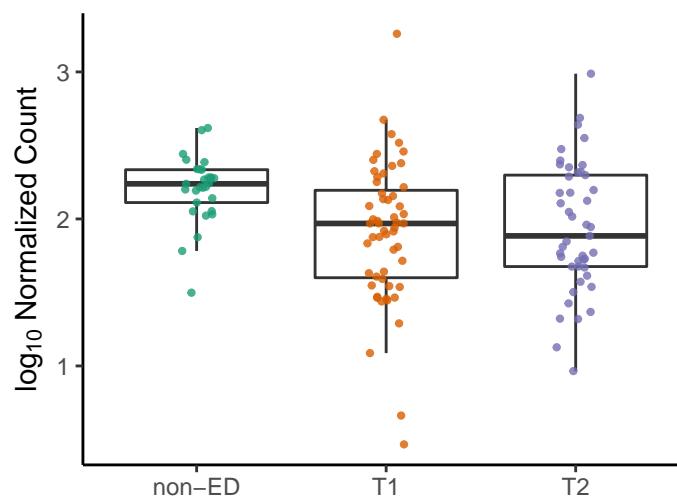
### Unclassified Xylella Genus

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.85



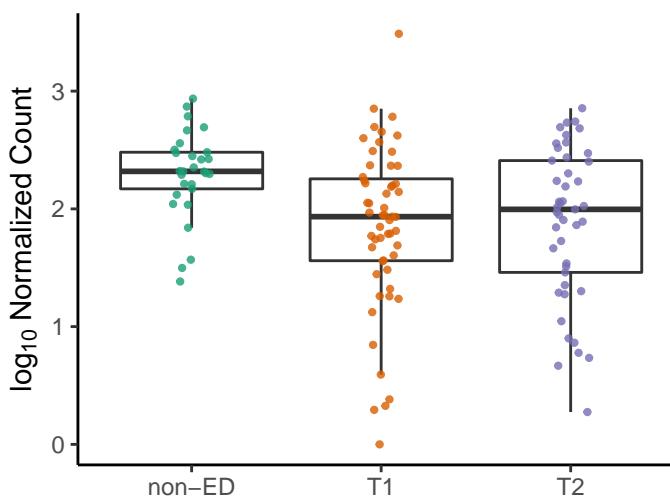
### Verrucosispora maris

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.87



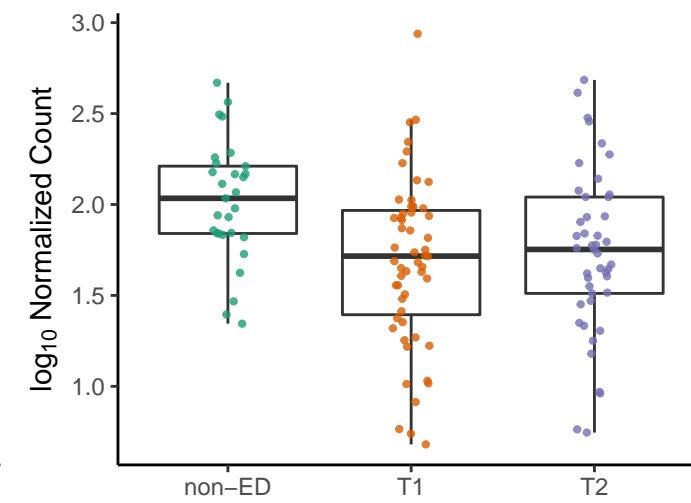
### Ottowia oryzae

non-ED vs. T1 adjusted p = 0.0037  
non-ED vs. T2 adjusted p = 0.0085  
T1 vs. T2 adjusted p = 0.85



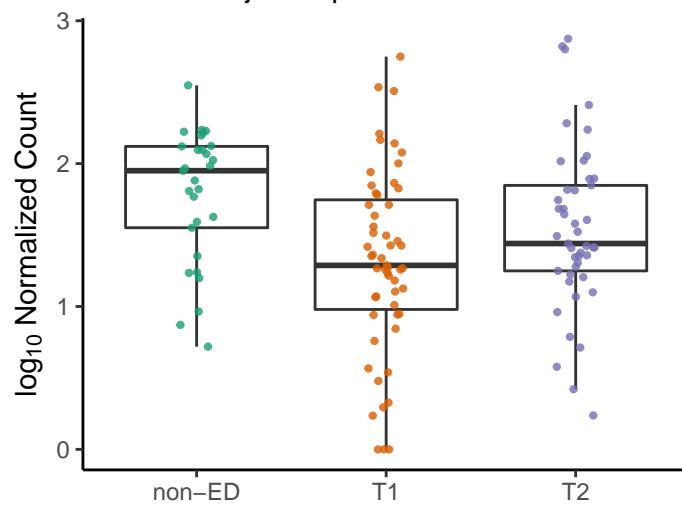
### Nitrosospira lacus

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



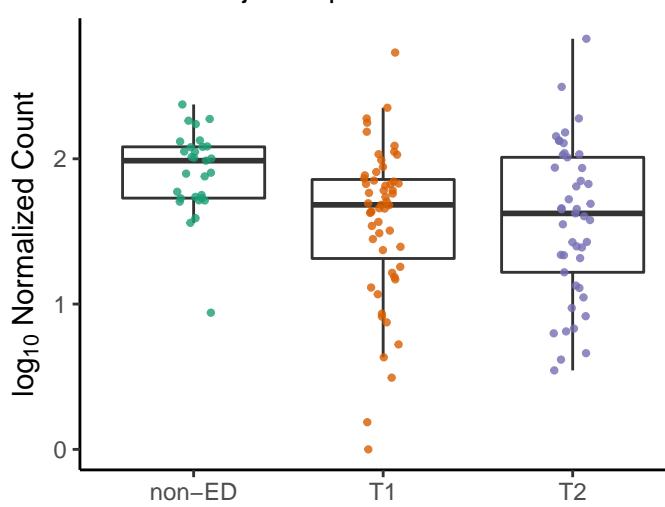
### Dichelobacter nodosus

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.75



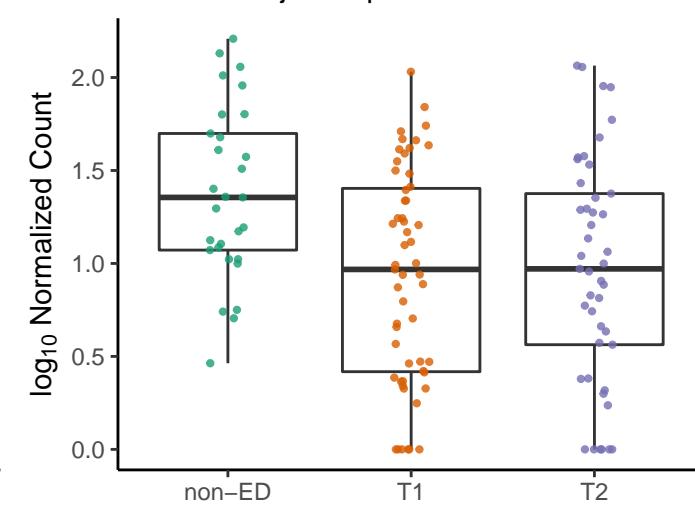
### Sphingorhabdus sp. SMR4y

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.97



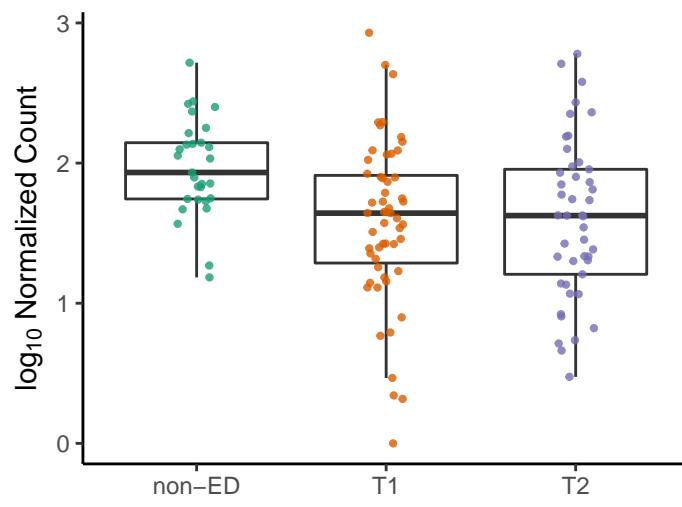
### Unclassified Anaplasma Genus

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



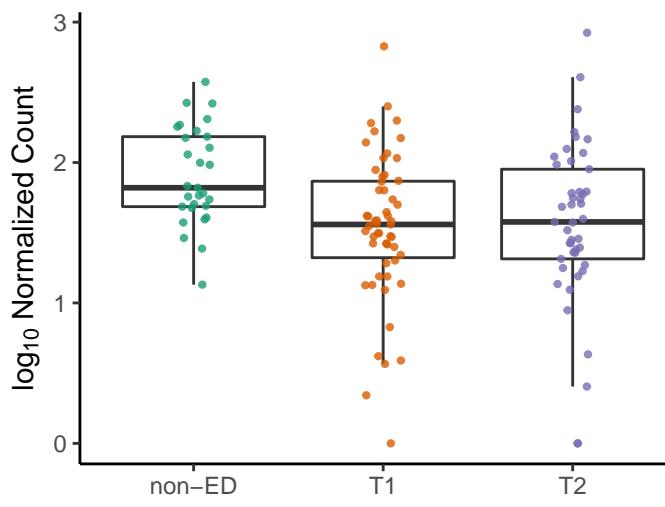
### Janthinobacterium svalbardensis

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.0085  
T1 vs. T2 adjusted p = 0.85



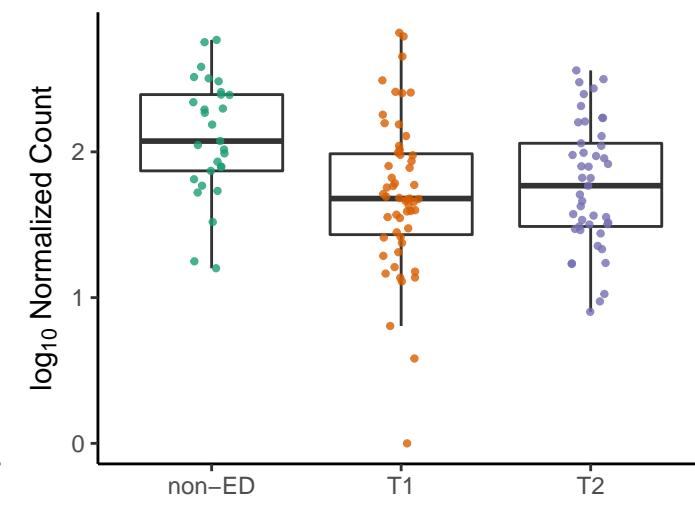
### Plantibacter sp. M259

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.87



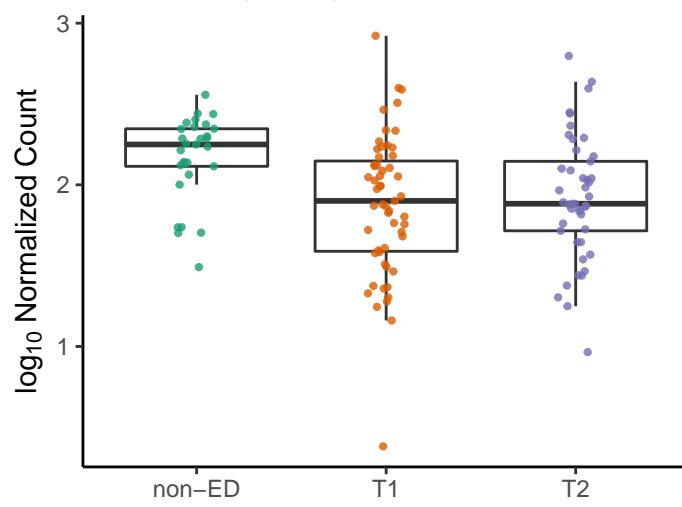
### Acholeplasma axanthum

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.91



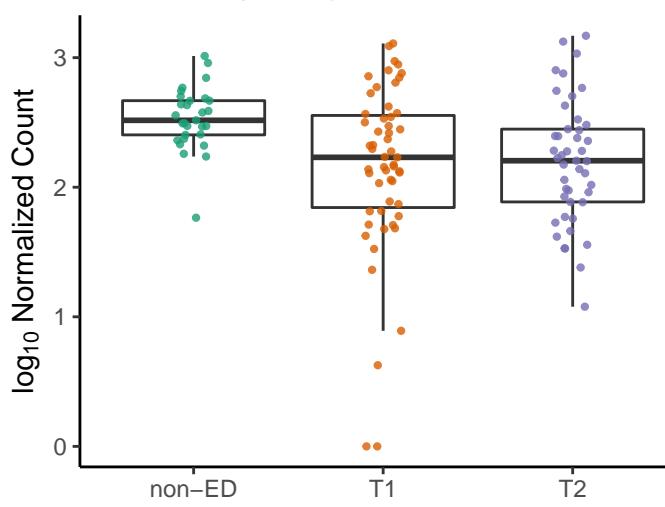
### Bordetella sp. N

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.88



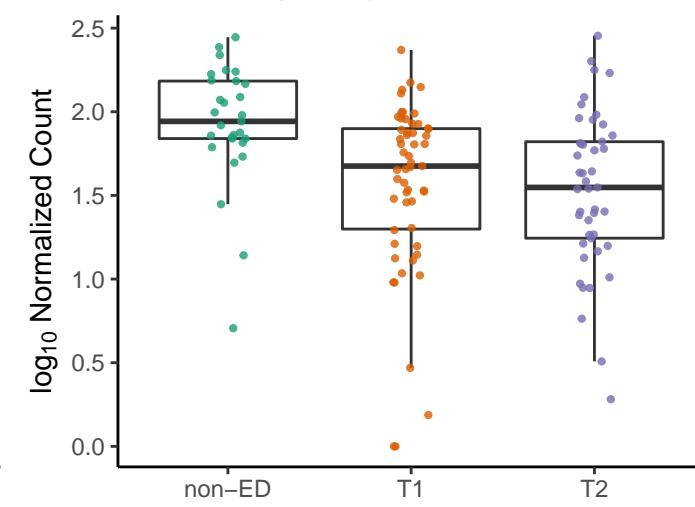
### Candidatus Promineofilum breve

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.0036  
T1 vs. T2 adjusted p = 0.85



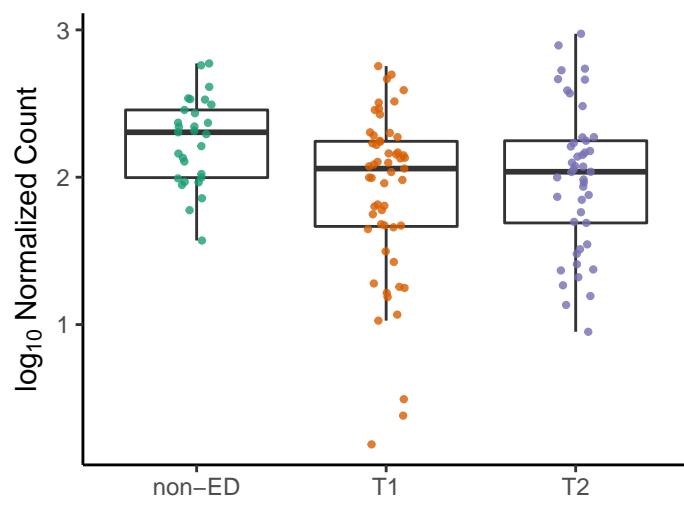
### Halomonas meridiana

non-ED vs. T1 adjusted p = 0.0038  
non-ED vs. T2 adjusted p = 0.0034  
T1 vs. T2 adjusted p = 0.98



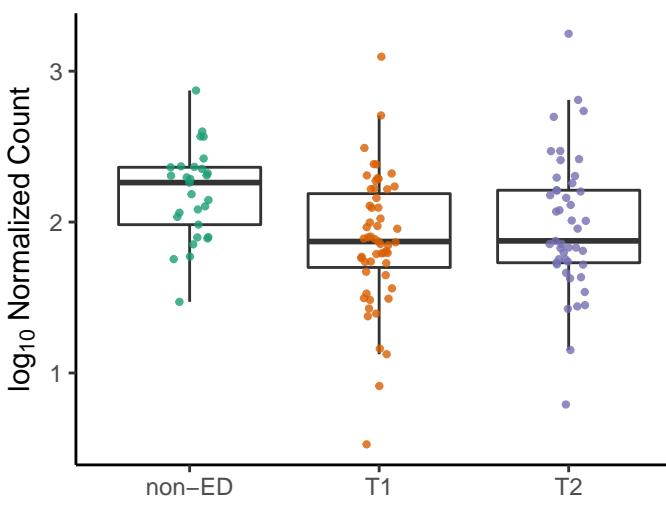
### *Hymenobacter nivis*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



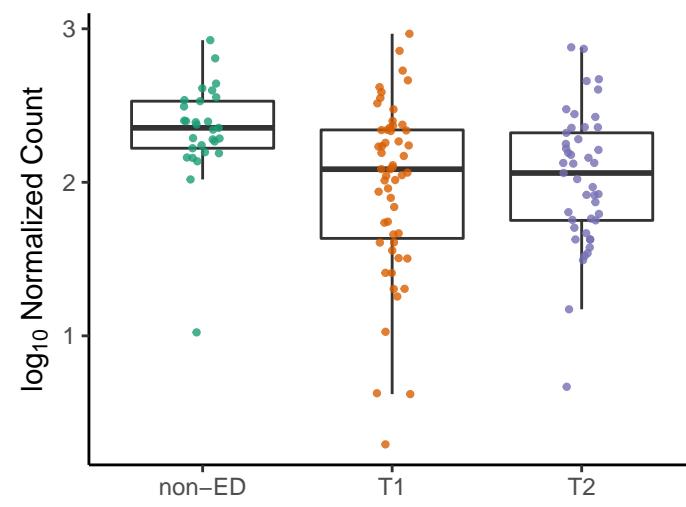
### *Lentibacillus amyloliquefaciens*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



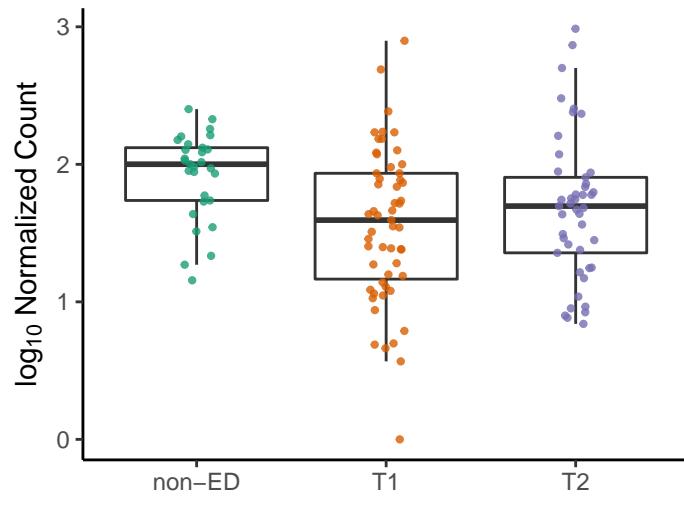
### *Thiohalobacter thiocyanaticus*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.85



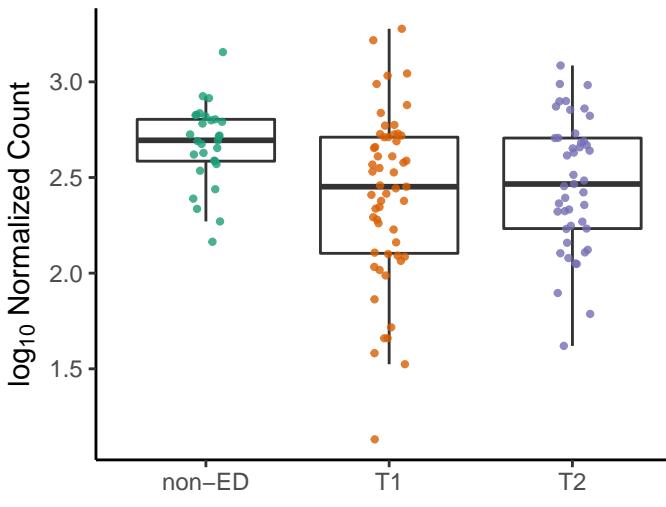
### Unclassified Chromobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



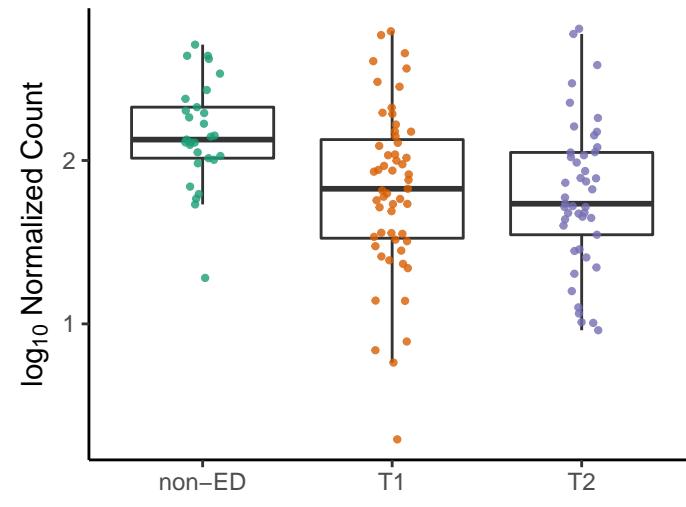
### Unclassified Geobacter Genus

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



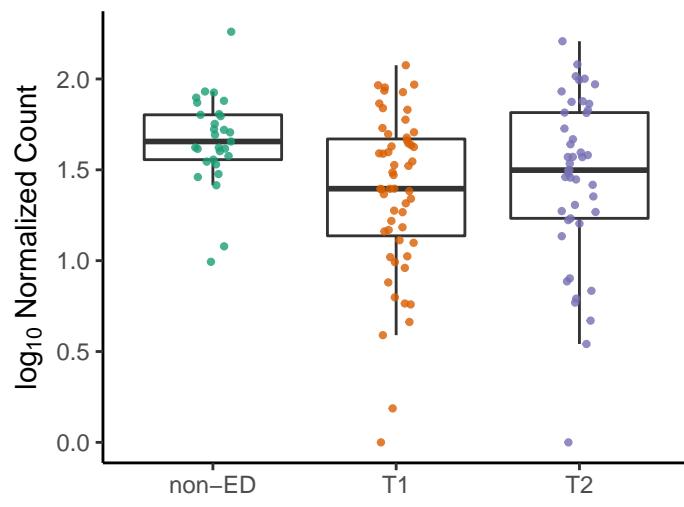
### Prosthecochloris sp. GSB1

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.95



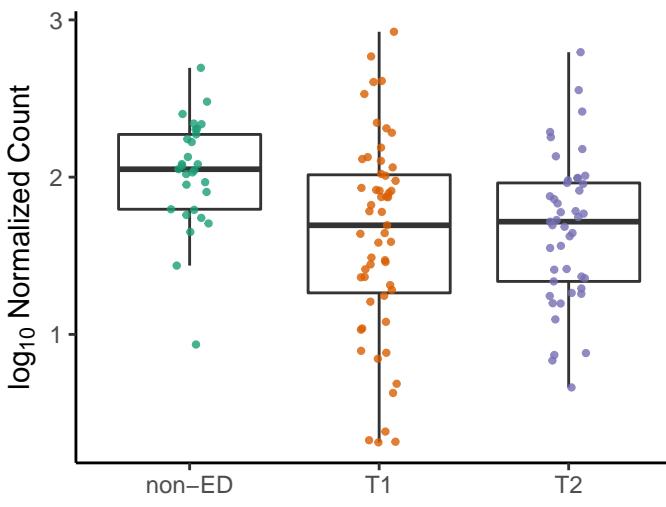
### *Corynebacterium glutamicum*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.85



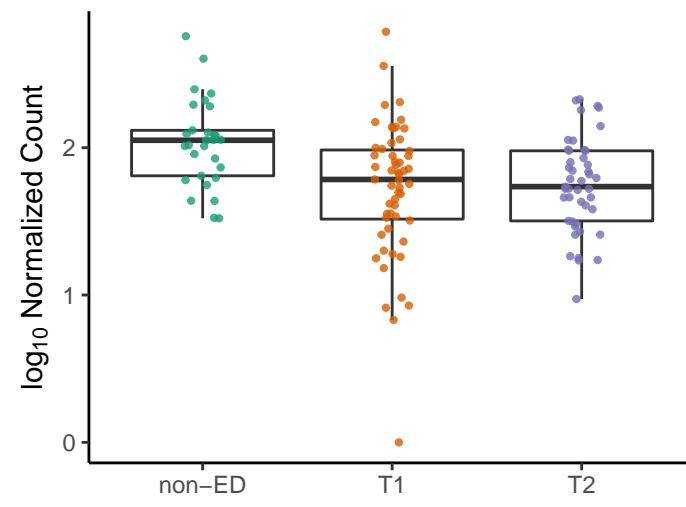
### *Lysobacter soli*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.85



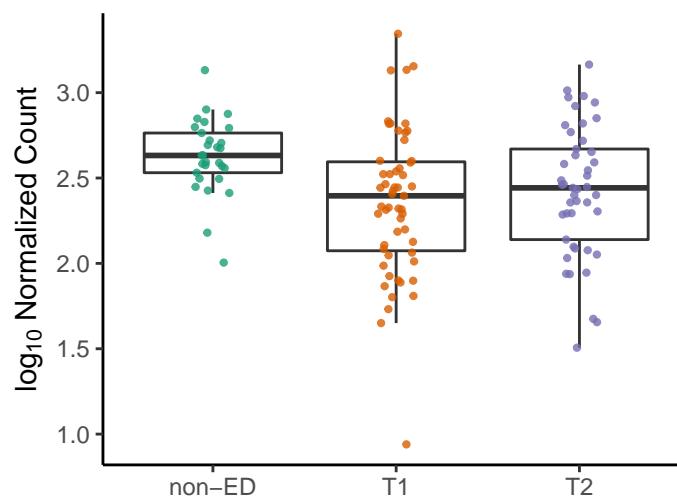
### *Pandoraea norimbergensis*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.91



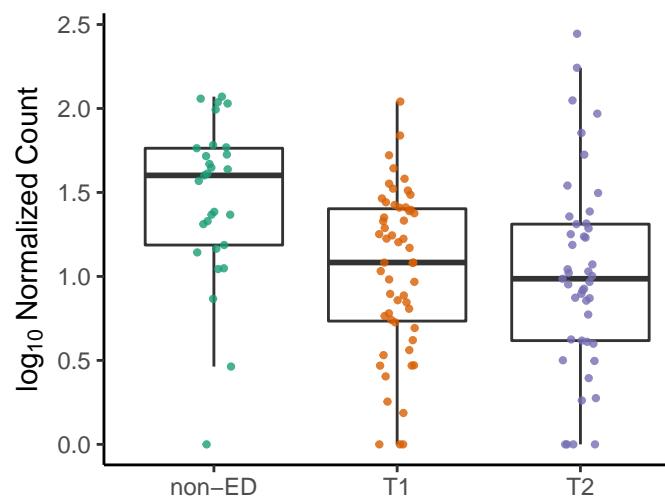
### *Aeromonas veronii*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



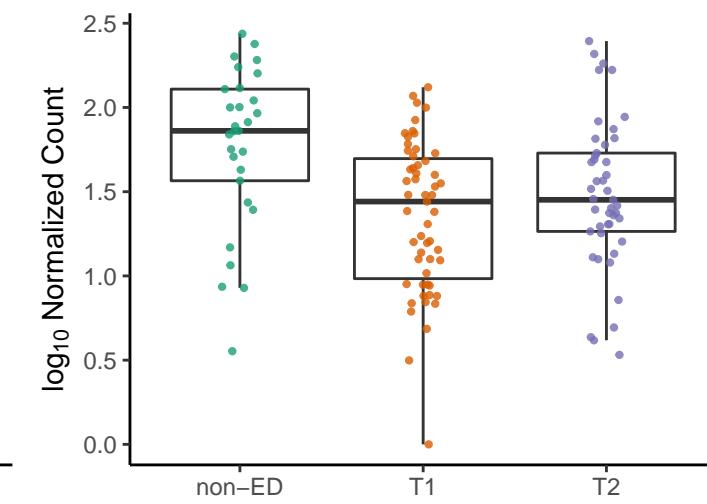
### *Aurantimicrobium minutum*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.98



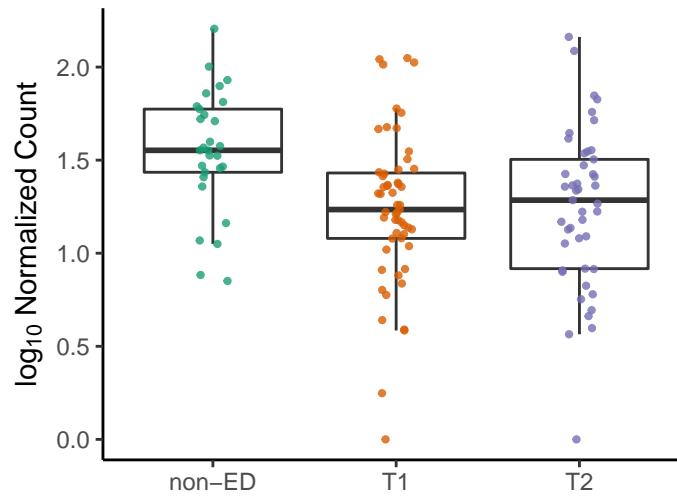
### *Corynebacterium casei*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



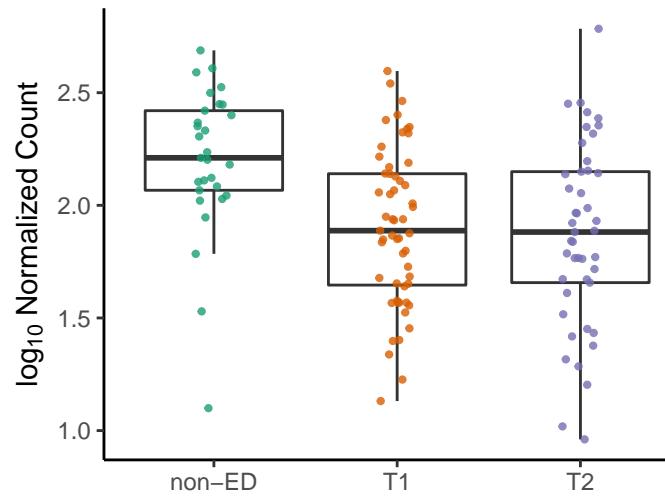
### *Proteus hauseri*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.91



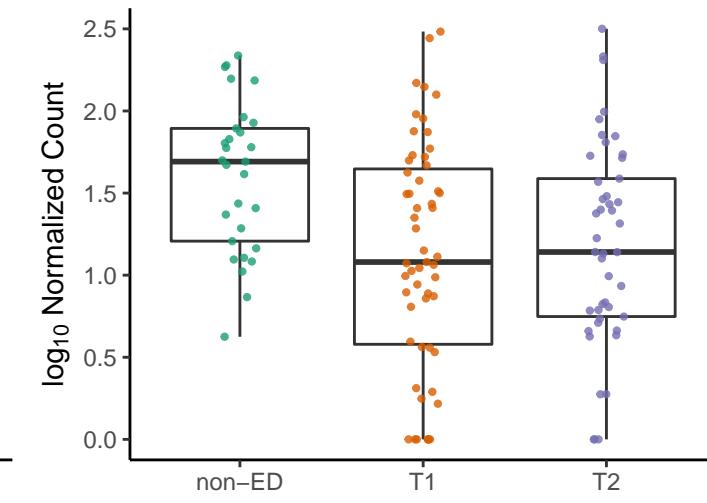
### Unclassified Nostoc Genus

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.97



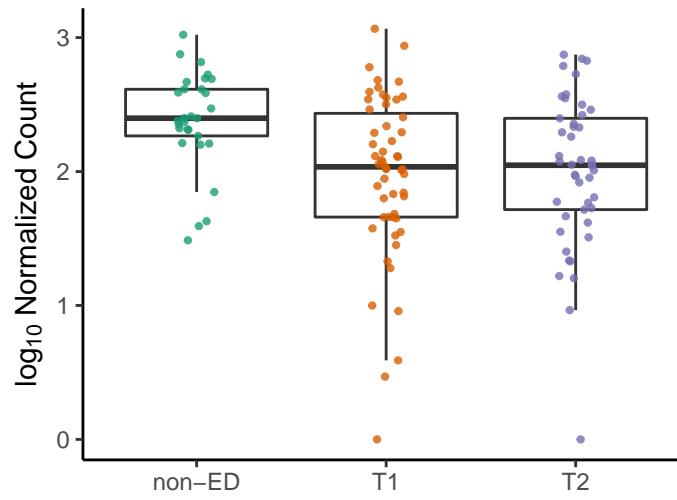
### Unclassified Tsukamurella Genus

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



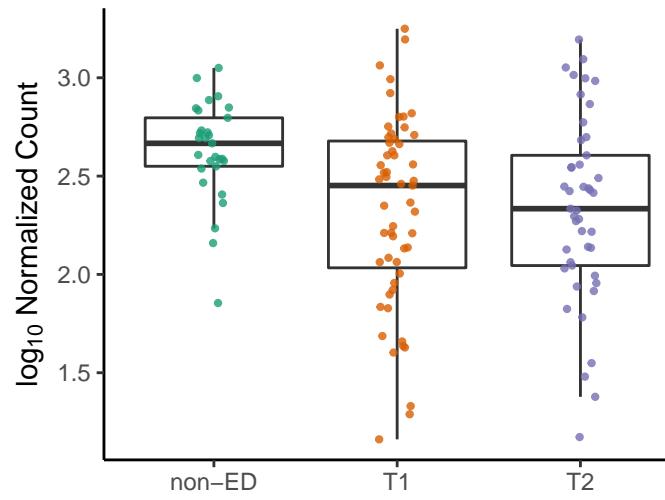
### *Deinococcus gobiensis*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.87



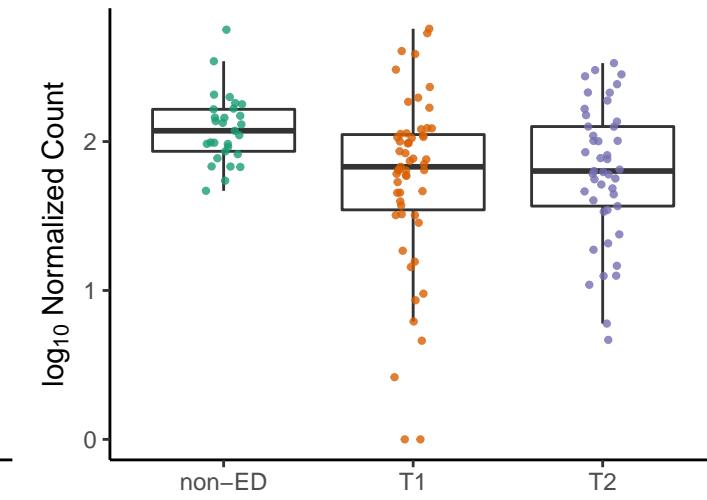
### *Haliangium ochraceum*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.87



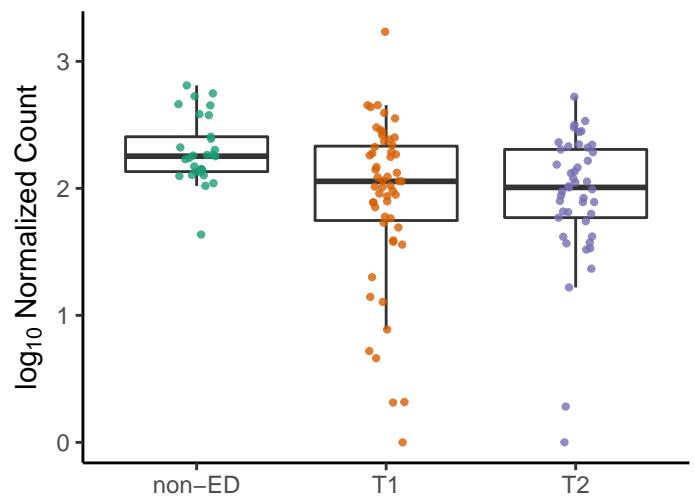
### *Bradyrhizobium sp. CCGE-LA001*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.85



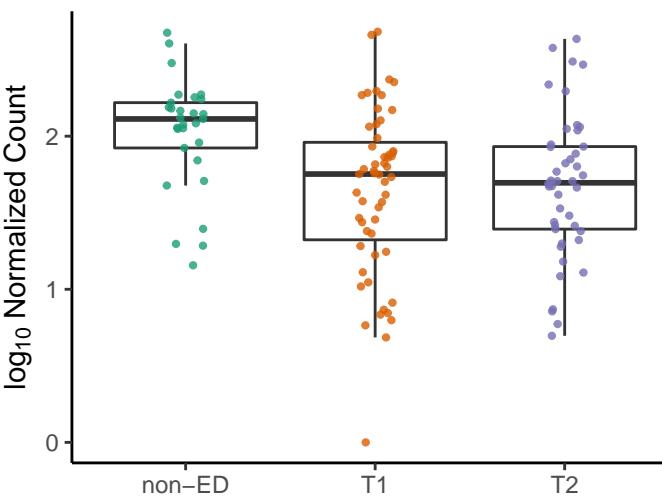
### *Massilia* sp. WG5

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.88



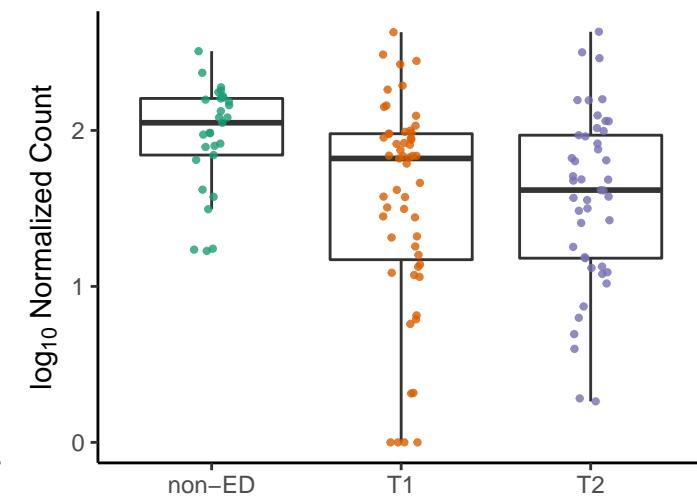
### *Mycolicibacterium phocaicum*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0074  
 T1 vs. T2 adjusted p = 0.93



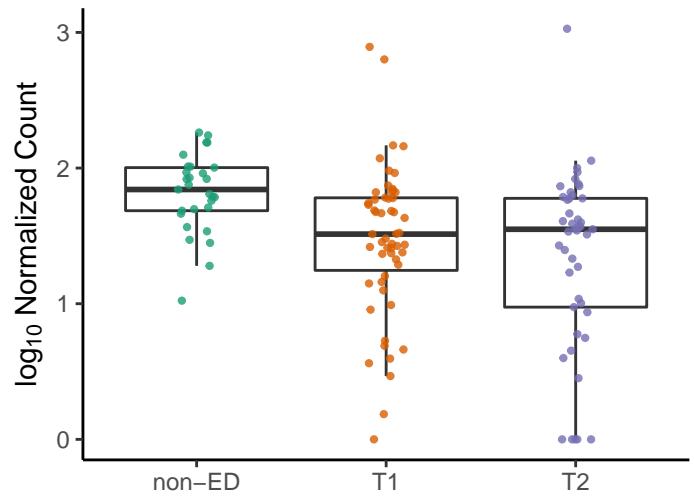
### *Novosphingobium aromaticivorans*

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.92



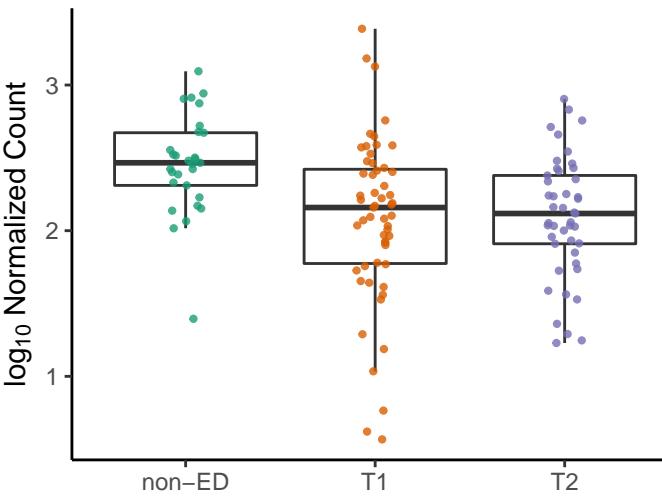
### Pasteurellaceae bacterium Orientalotterr

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



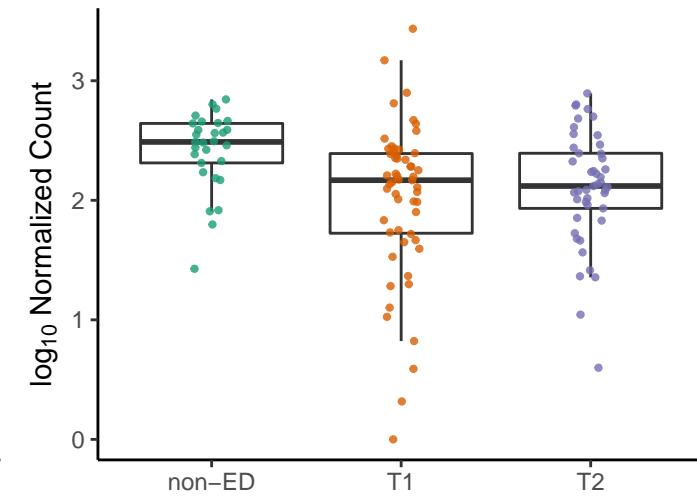
### *Xylophilus* sp. KACC 21265

non-ED vs. T1 adjusted p = 0.004  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.86



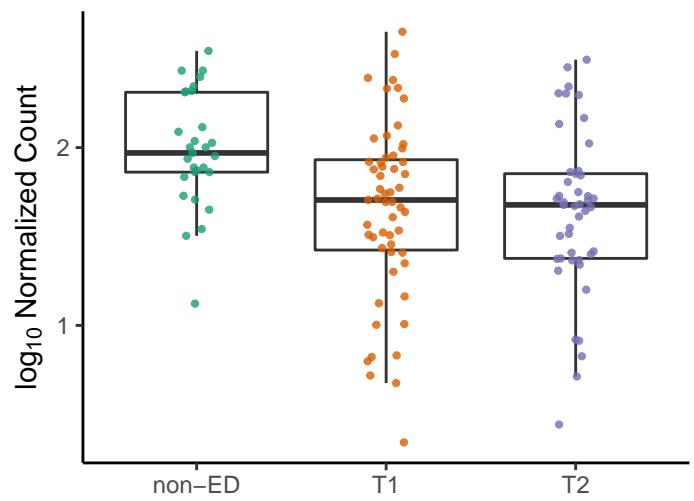
### *Rubrivivax gelatinosus*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



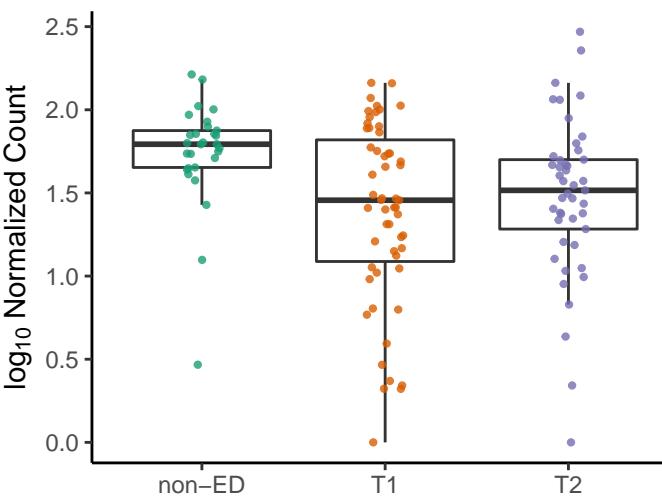
### *Pandorea* veracti

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.96



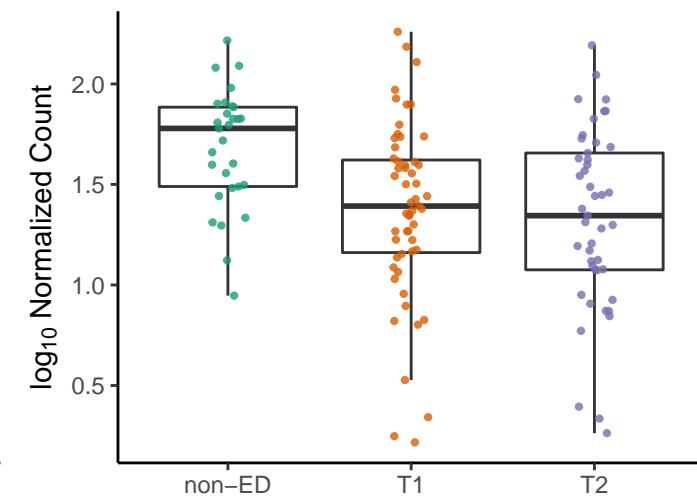
### *Staphylococcus* sp. SDB 2975

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



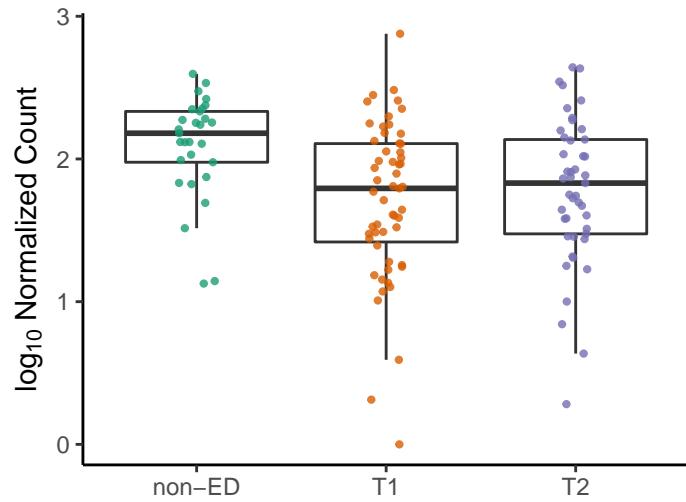
### *Fischerella* sp. NIES-3754

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.85



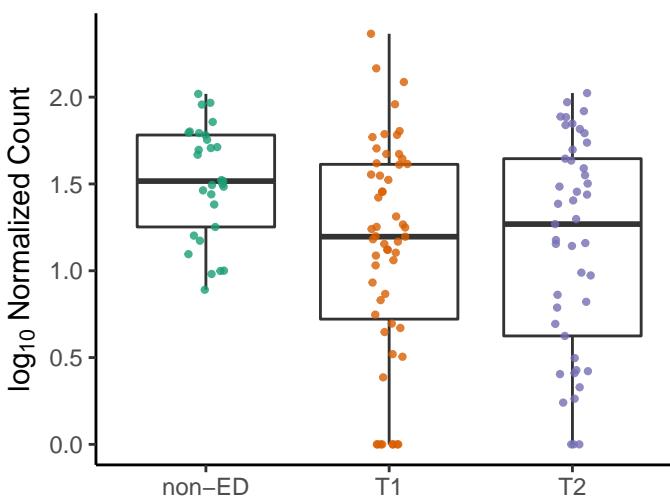
### *Sphingosinicella microcystinivorans*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



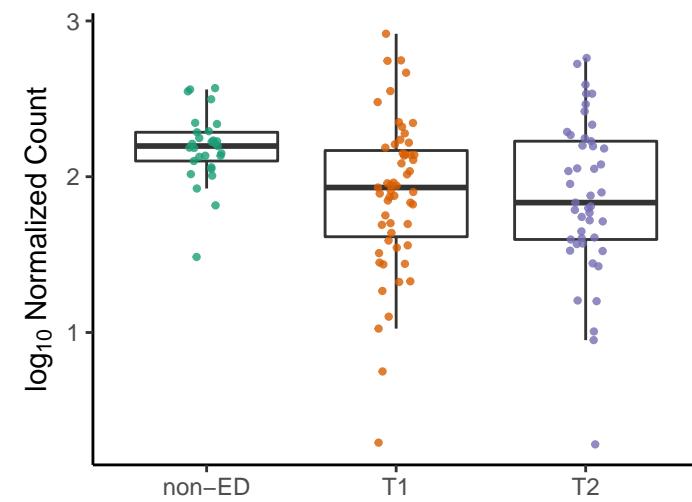
### Unclassified Desulfomicrobium Genus

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.87



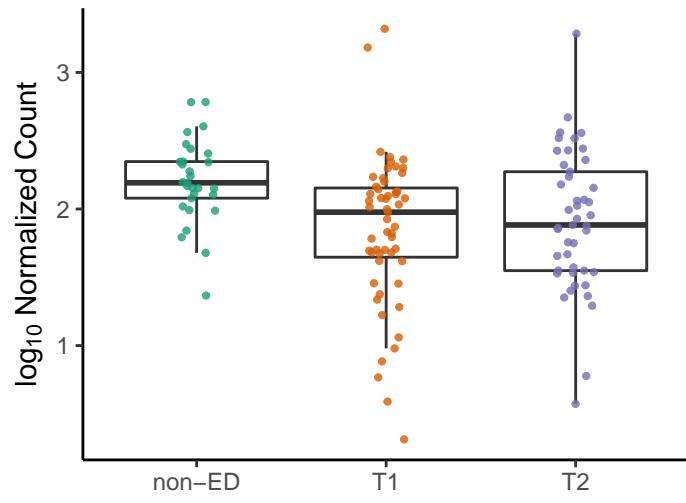
### *Bradyrhizobium* sp. 6(2017)

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.97



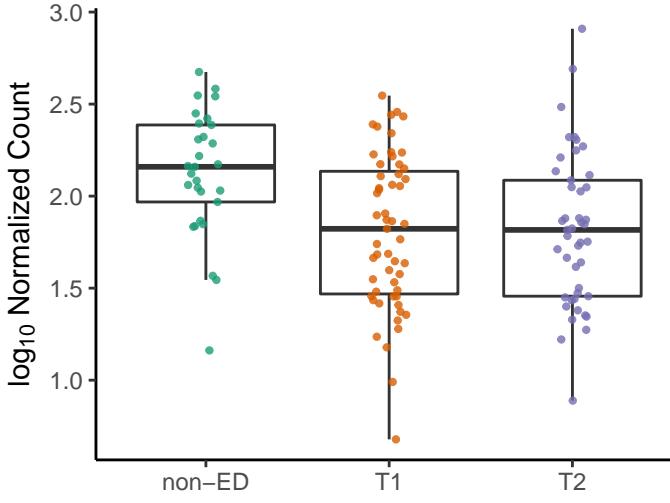
### *Xanthomonas citri*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



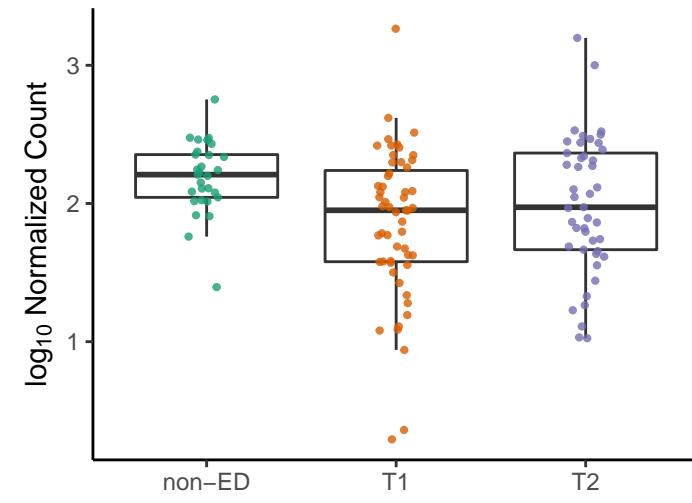
### *Lysinibacillus* sp. YS11

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.99



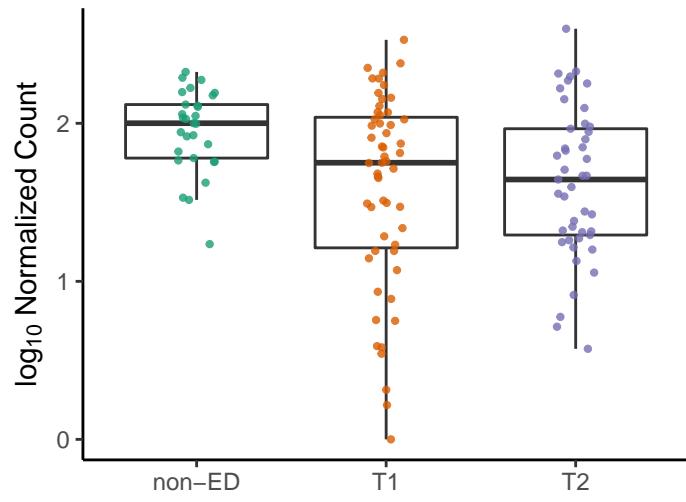
### *Actinomyces* sp. Chiba101

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.85



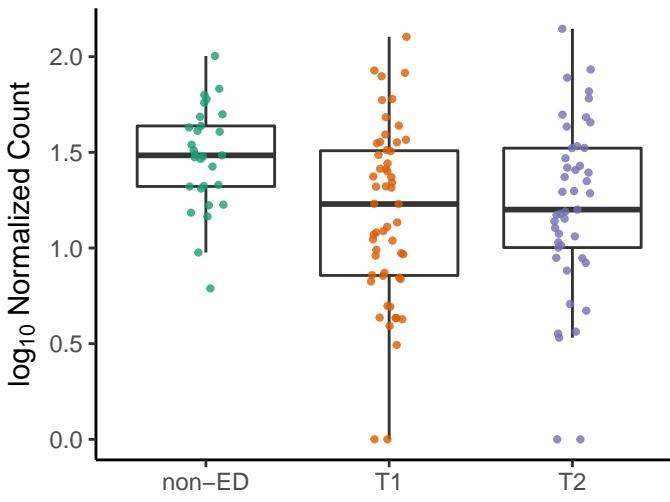
### *Sterolibacterium denitrificans*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.99



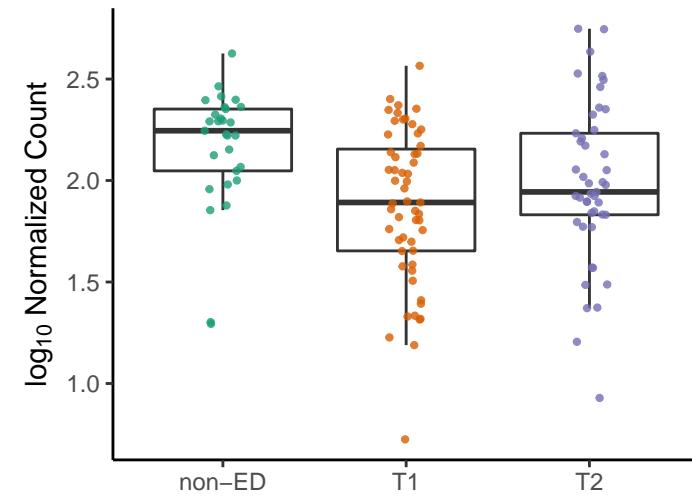
### Unclassified Spirochaetaceae Family

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.87



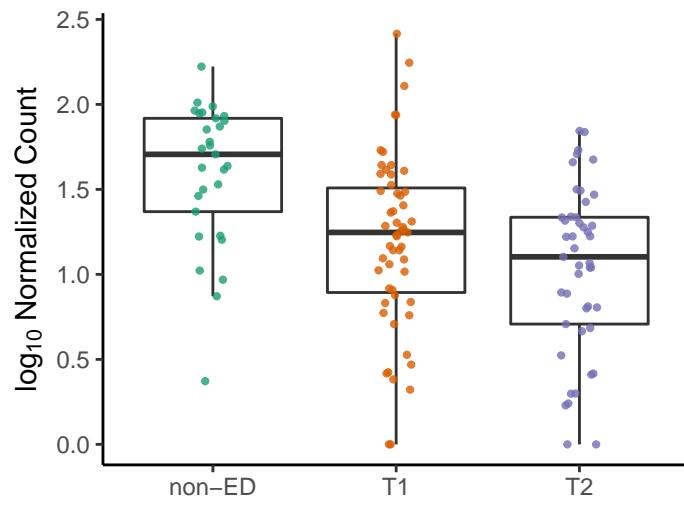
### *Planococcus plakortidis*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



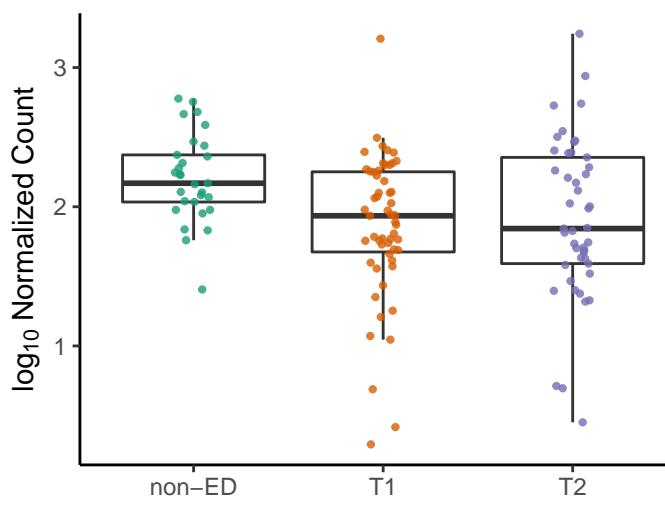
### [Arcobacter] porcinus

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.00081  
T1 vs. T2 adjusted p = 0.85



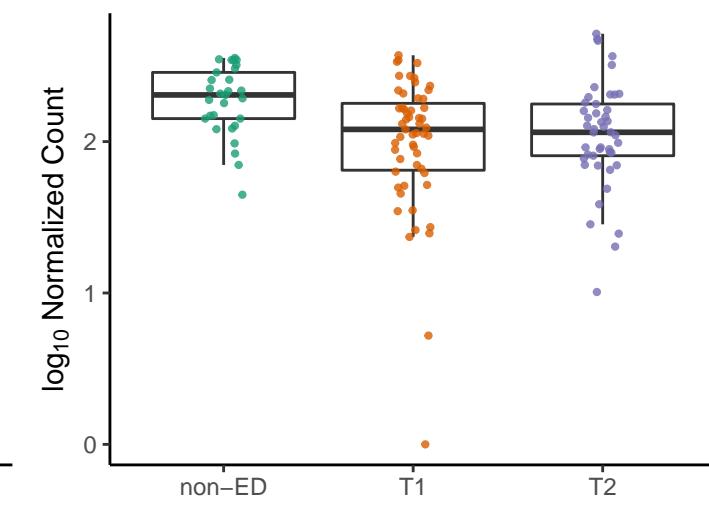
### Burkholderia insecticola

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.85



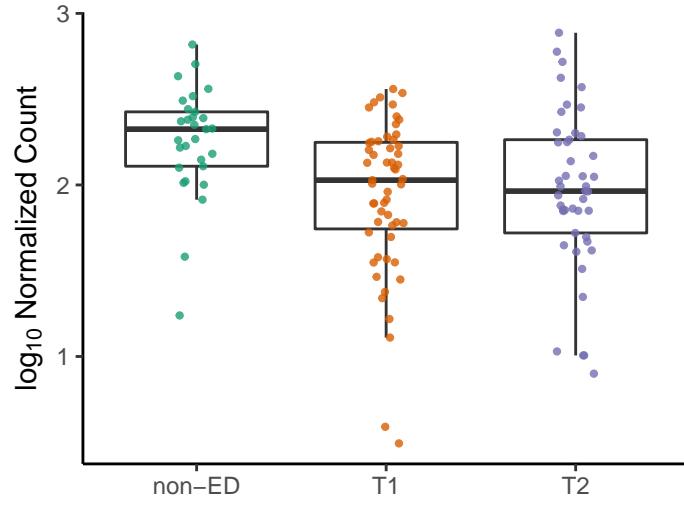
### Chlorobium phaeobacteroides

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.85



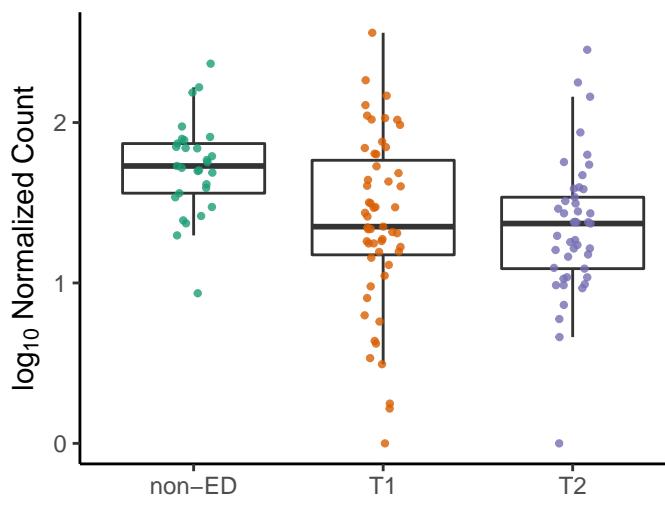
### Gemmimonas aurantiaca

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.86



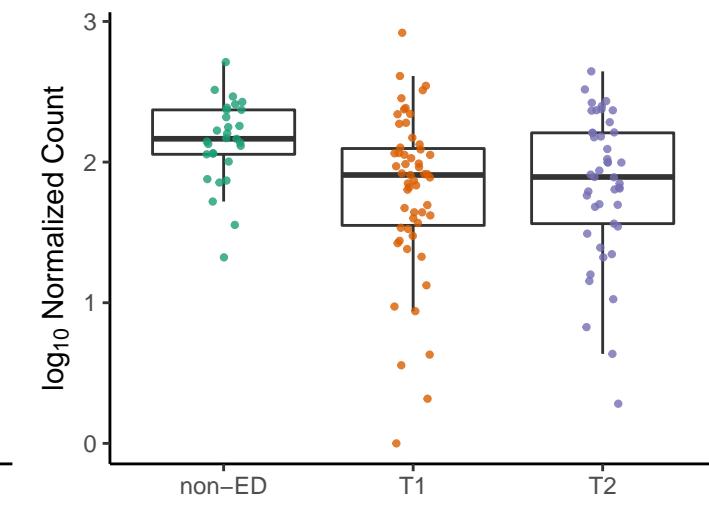
### Gordonia sp. 1D

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.96



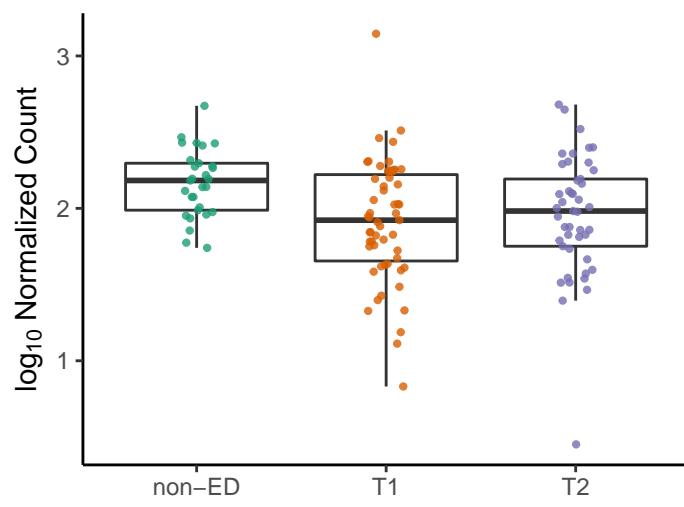
### Hydrogenophaga sp. PBL-H3

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



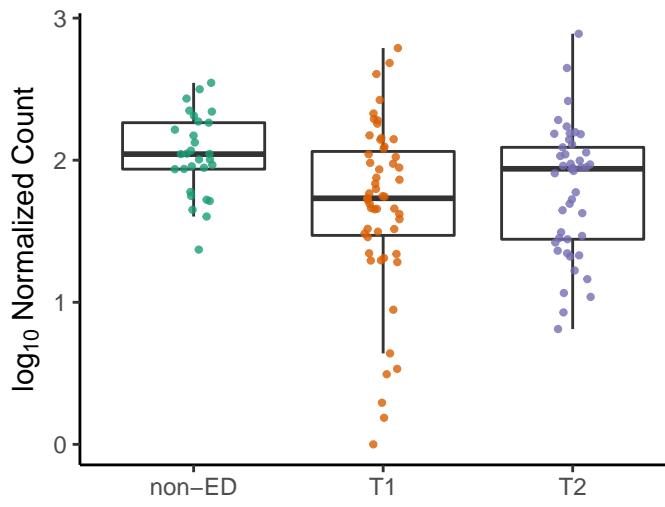
### Lysobacter capsici

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



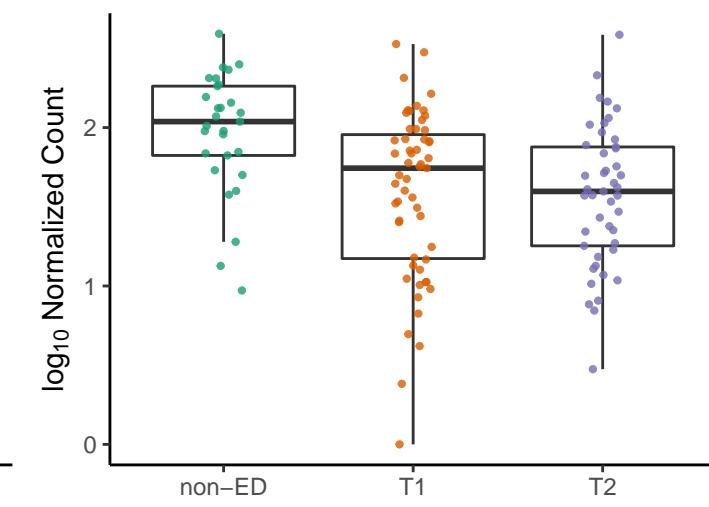
### Neisseria animalis

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



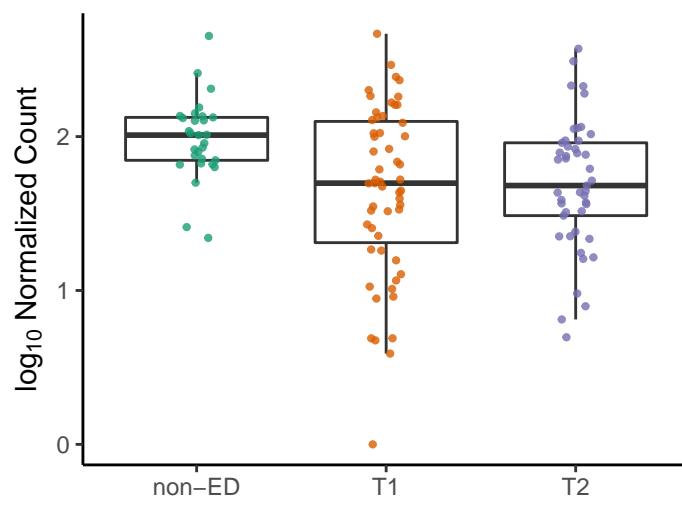
### Novosphingobium sp. Gsoil 351

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.92



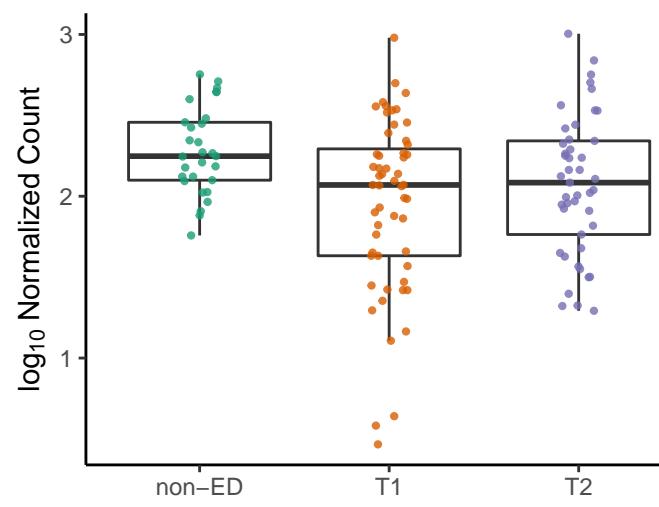
### *Sphingomonas* sp. MM-1

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.92



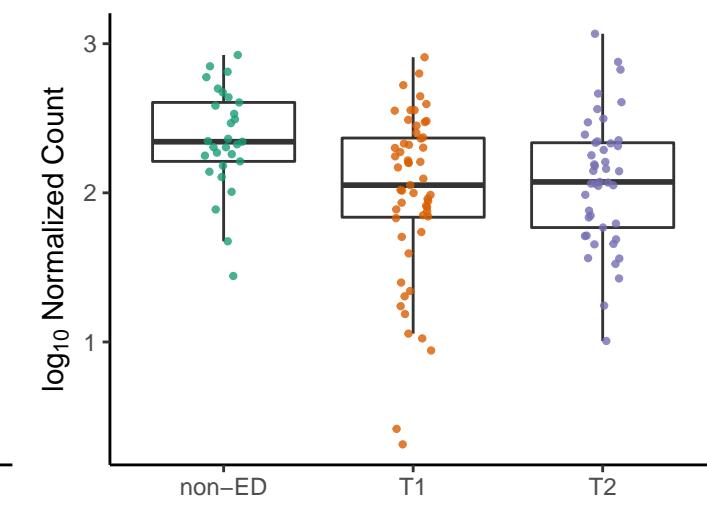
### *Streptomyces* peucetius

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



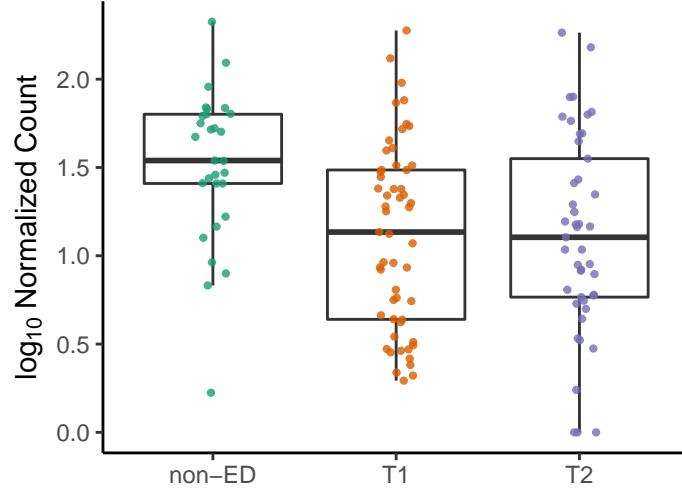
### *Deinococcus* wulumuqiensis

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



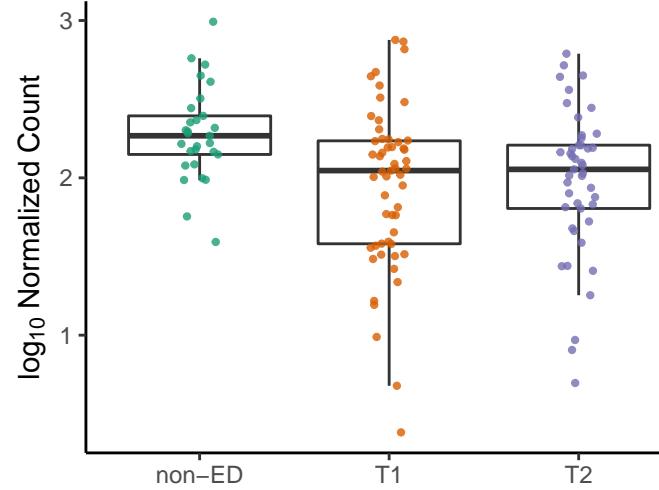
### *Candidatus Phycorickettsia trachydisci*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.94



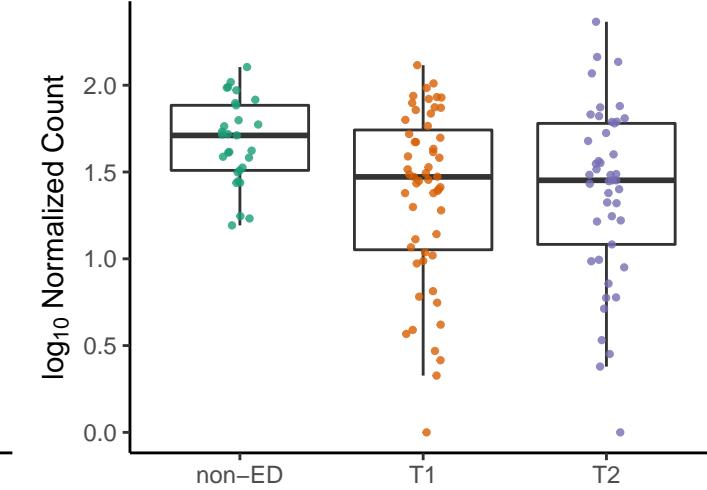
### *Planctomycetes bacterium Pla85\_3\_4*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.86



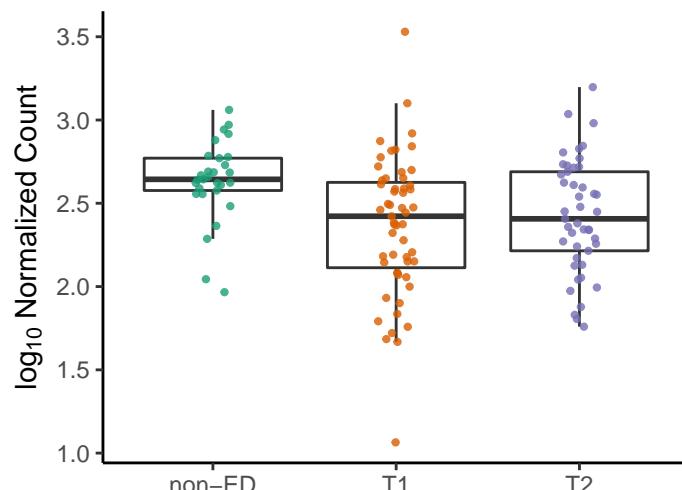
### *Pseudomonas* sp. R32

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.91



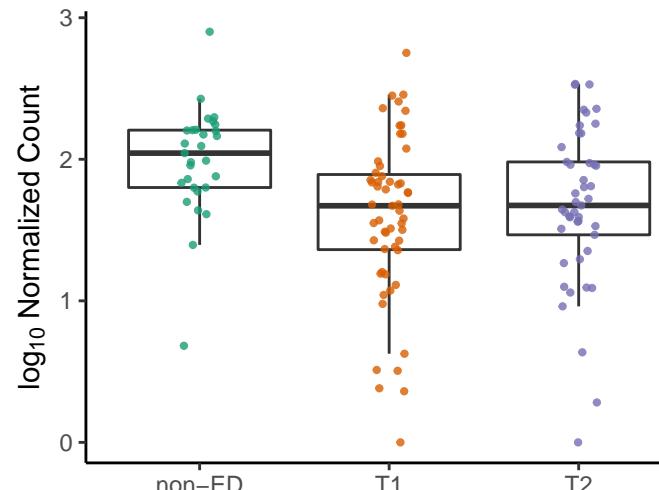
### *Pseudomonas mendocina*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



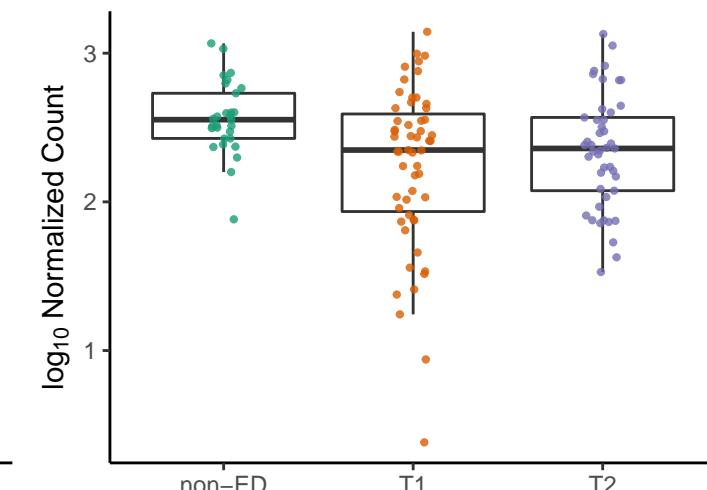
### *Xanthomonas vesicatoria*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



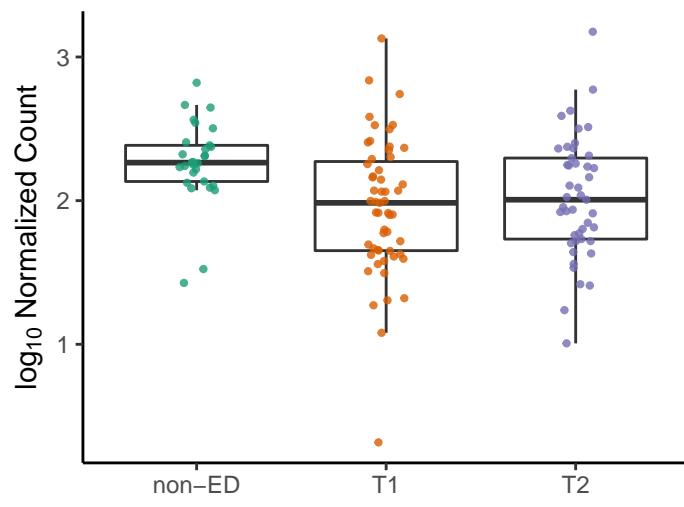
### *Geobacter* sp. FeAm09

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



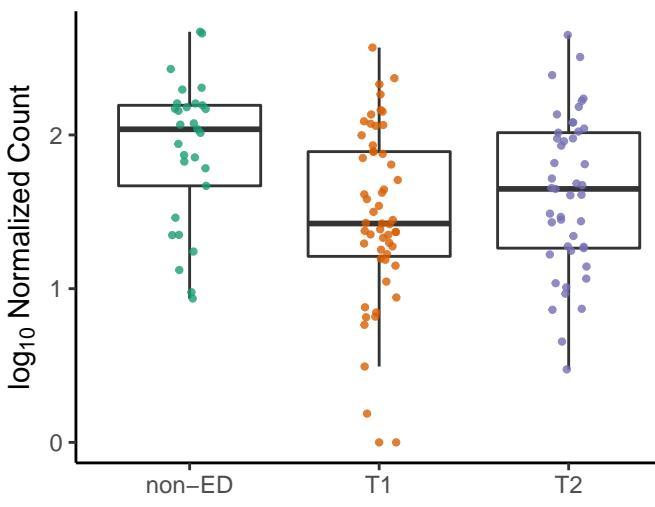
### *Ktedonosporobacter rubrisoli*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



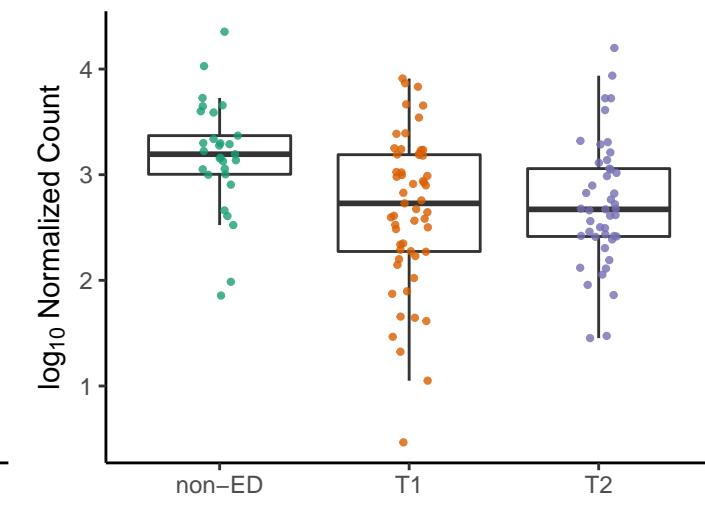
### *Agromyces flavus*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



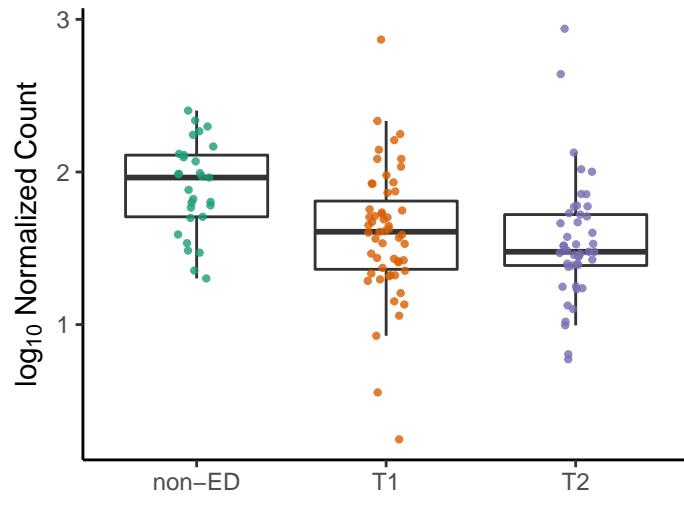
### Unclassified Ruminococcus Genus

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.88



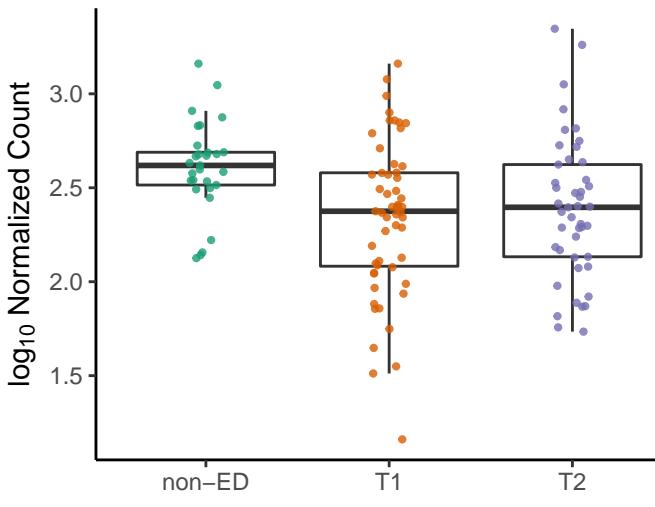
### *Scheffersomyces stipitis*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.85



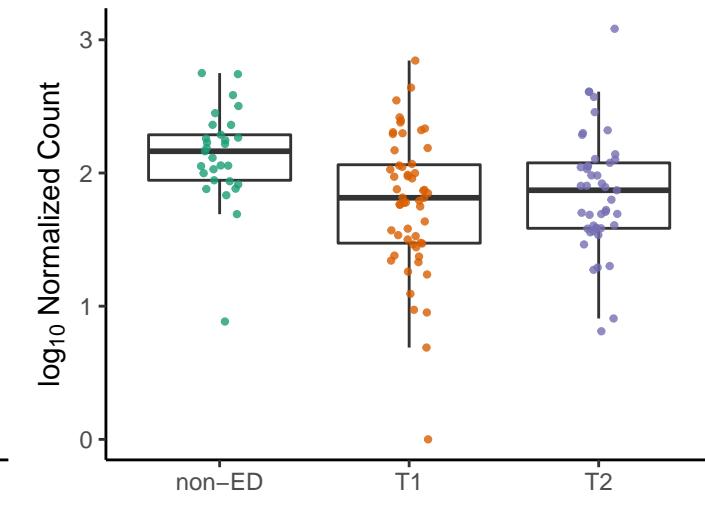
### *Fibrobacter succinogenes*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



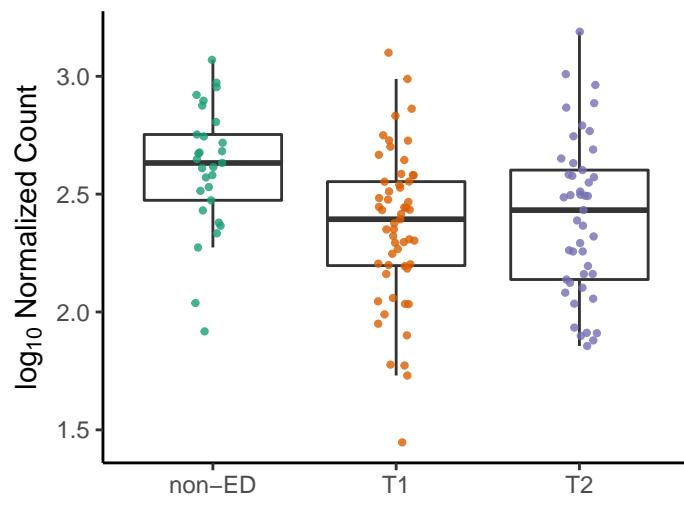
### *Actinomyces* sp. 299

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



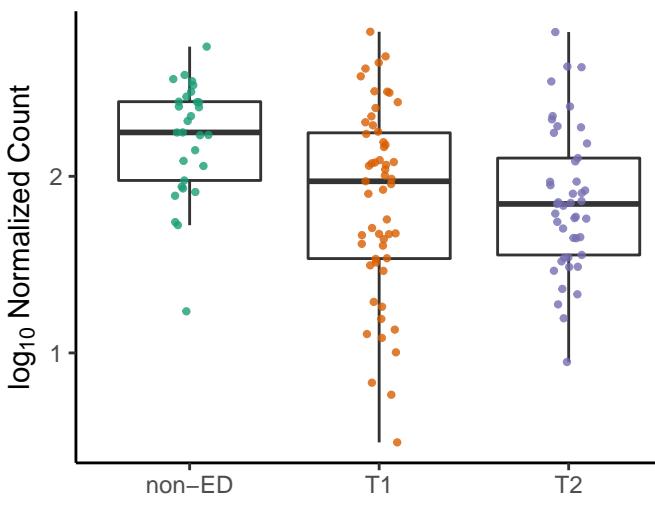
### *Paenibacillus yonginensis*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



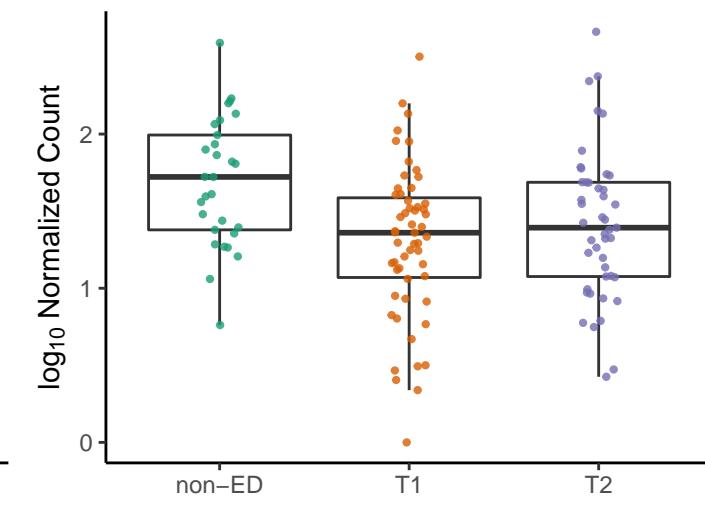
### *Streptomyces albulus*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.92



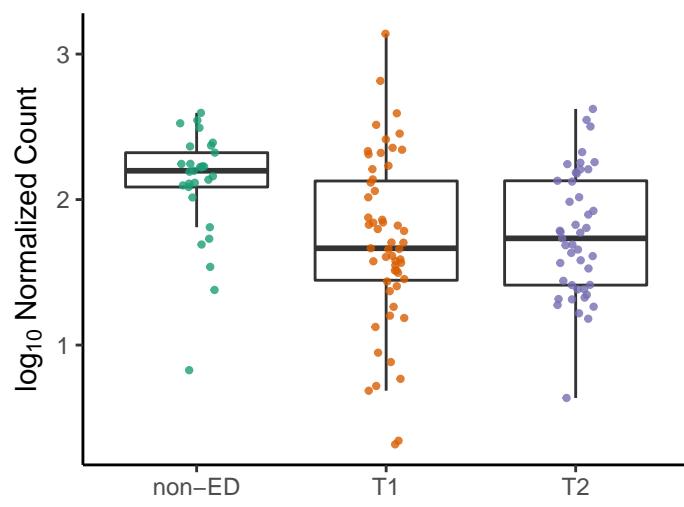
### *Mycoavidus cystein exigens*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



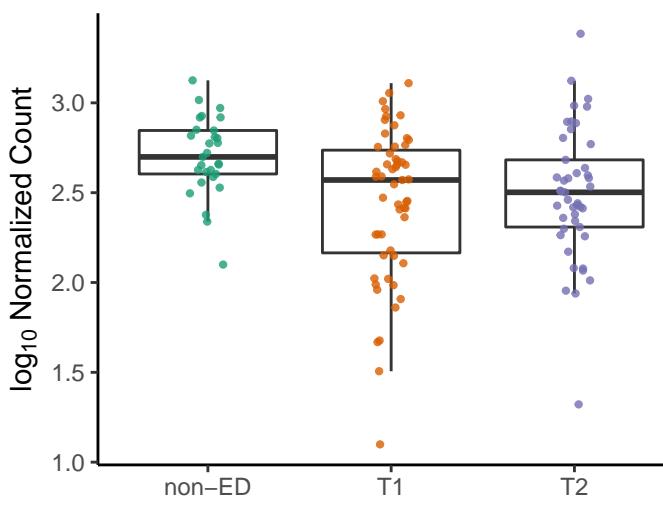
### *Geobacillus stearothermophilus*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



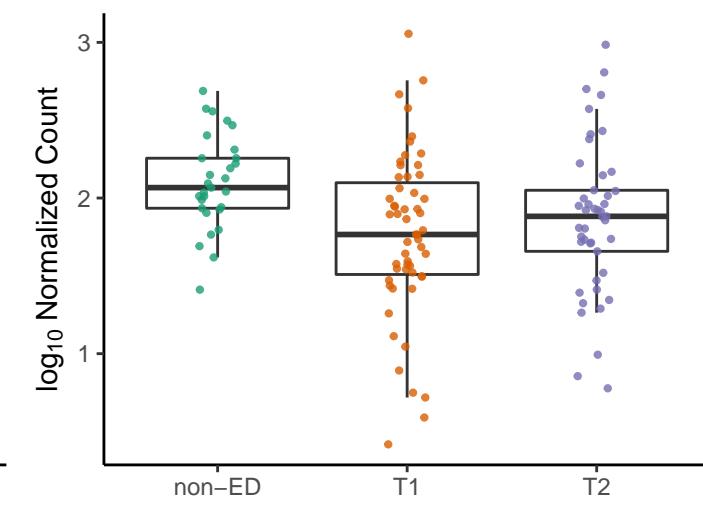
### *Tumebacillus avium*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



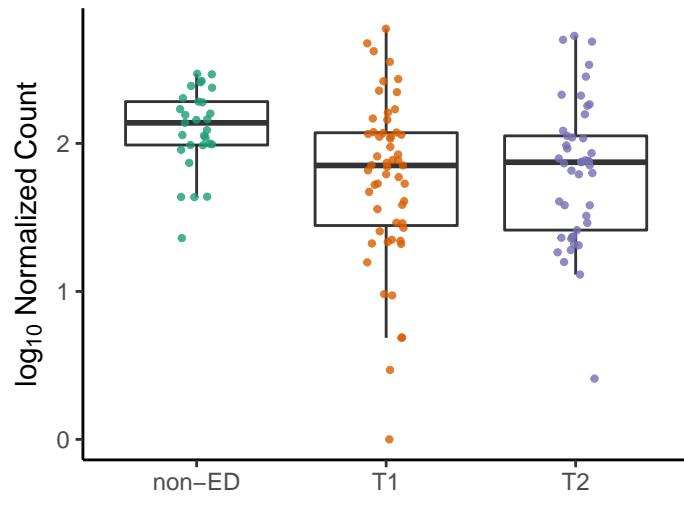
### *Aureimonas* sp. AU20

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



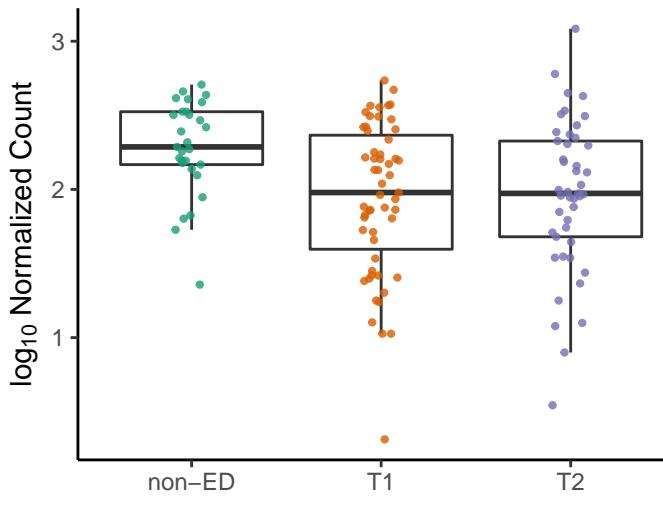
### *Cupriavidus pinatubonensis*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



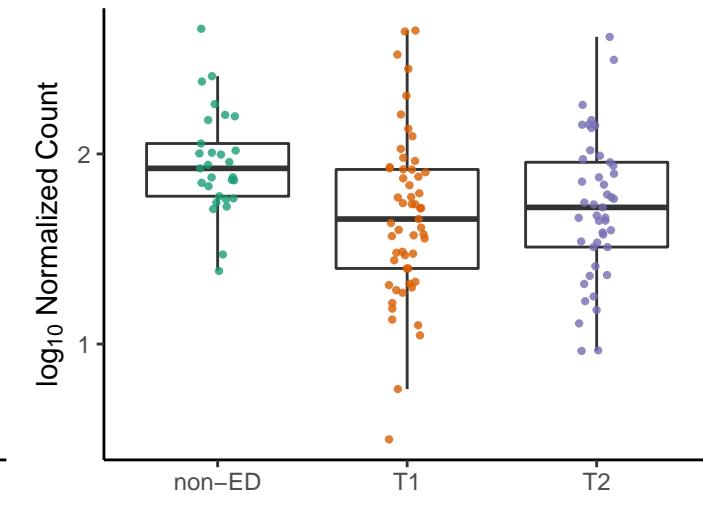
### *Hymenobacter swuensis*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.88



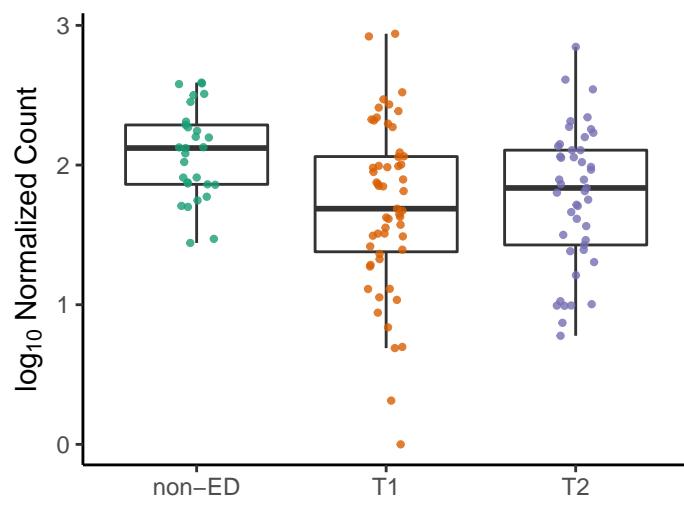
### *Pseudomonas frederiksbergensis*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.86



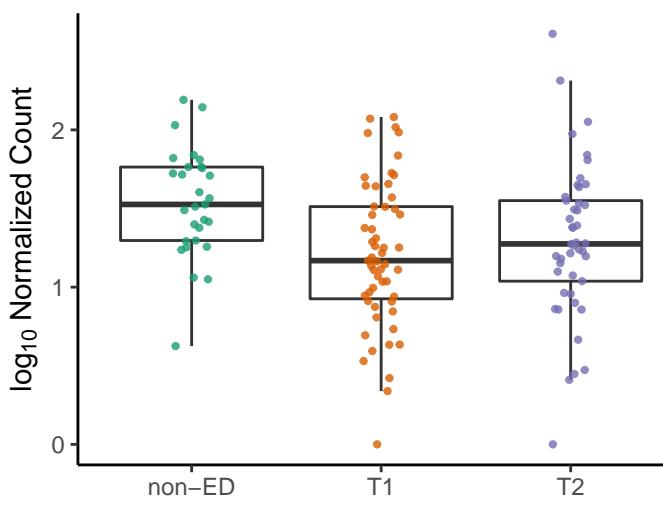
### *Saccharomonospora cyanea*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



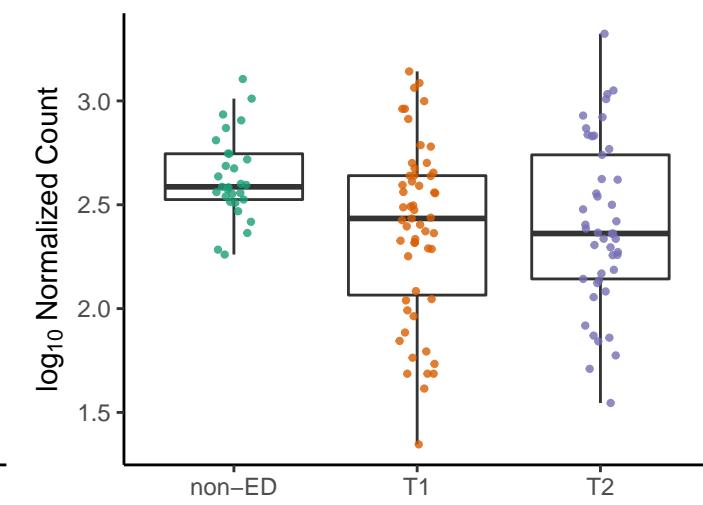
### *Acinetobacter* sp. 323-1

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



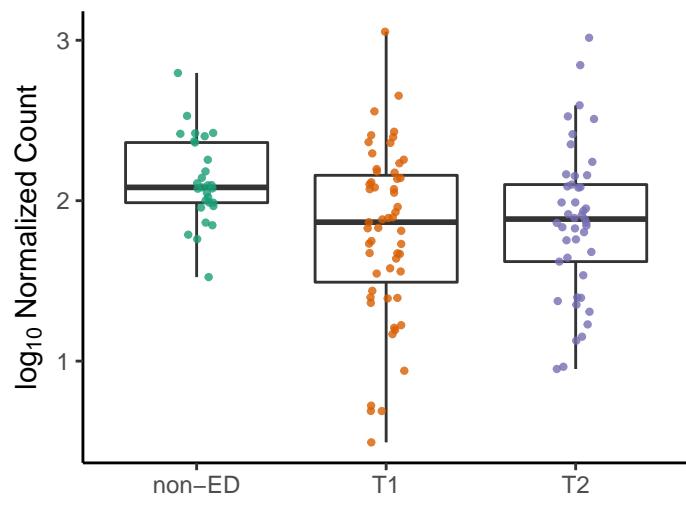
### *Aeromonas hydrophila*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.87



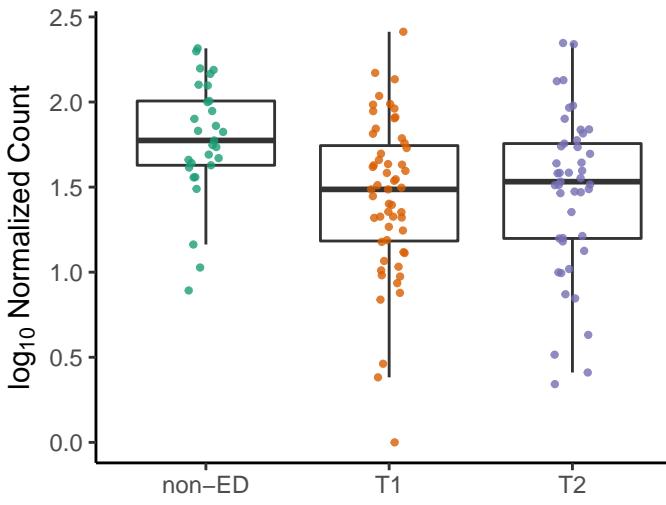
### *Brachybacterium* sp. P6–10–X1

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



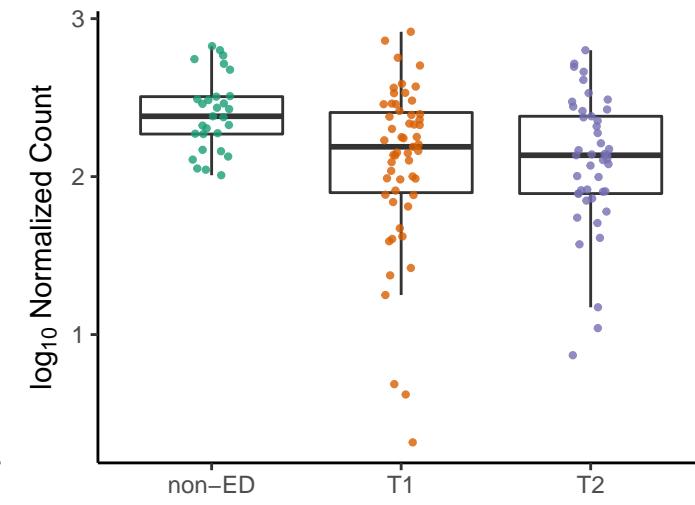
### *Catenovulum* sp. CCB–QB4

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.98



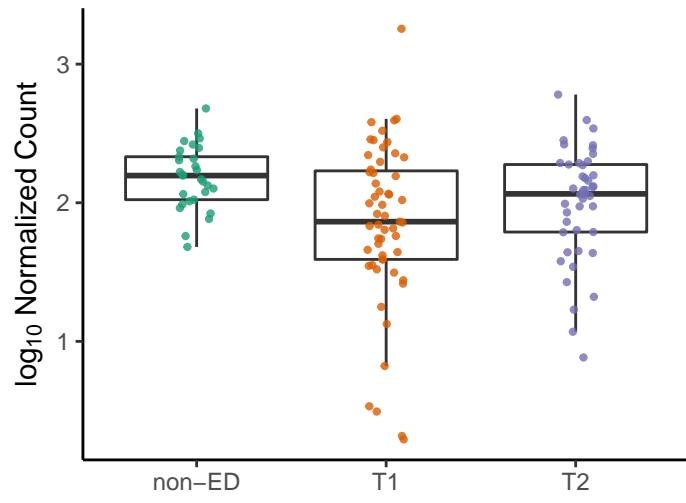
### *Hymenobacter* sedentarius

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.93



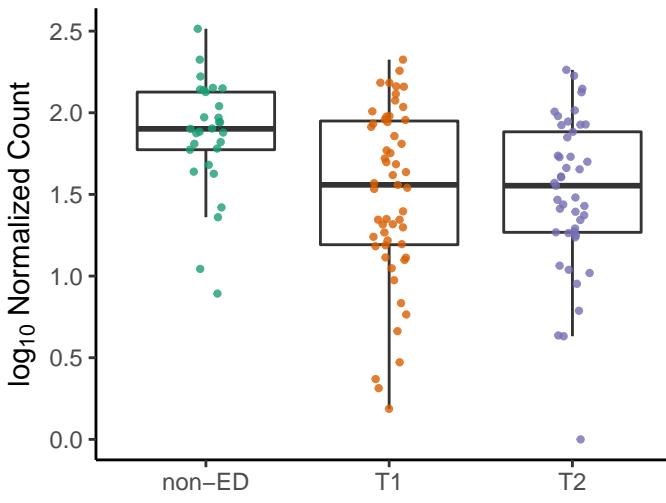
### *Leifsonia* sp. PS1209

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



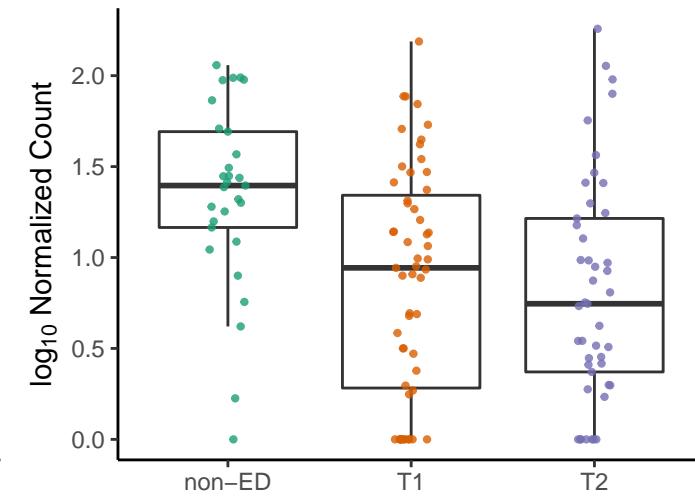
### *Methanothrix* soehngenii

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.85



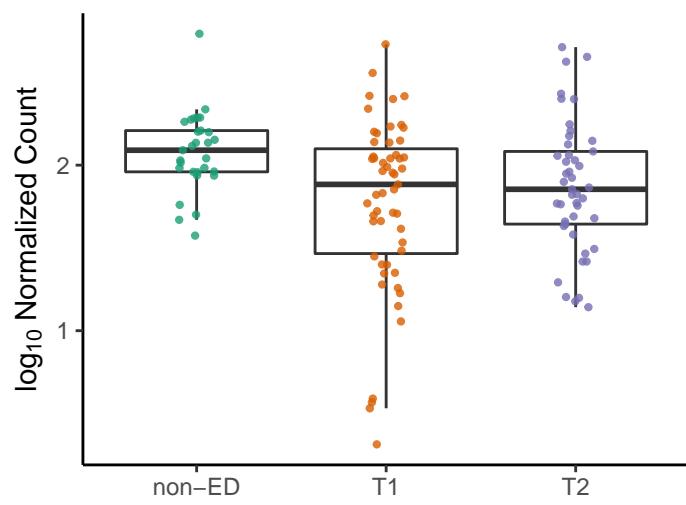
### *Streptomyces* sp. S1A1–7

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.96



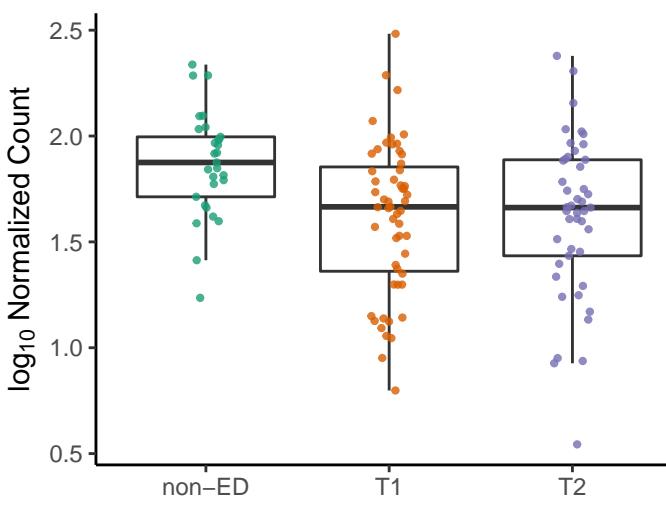
### *Desulfohalobium* retbaense

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



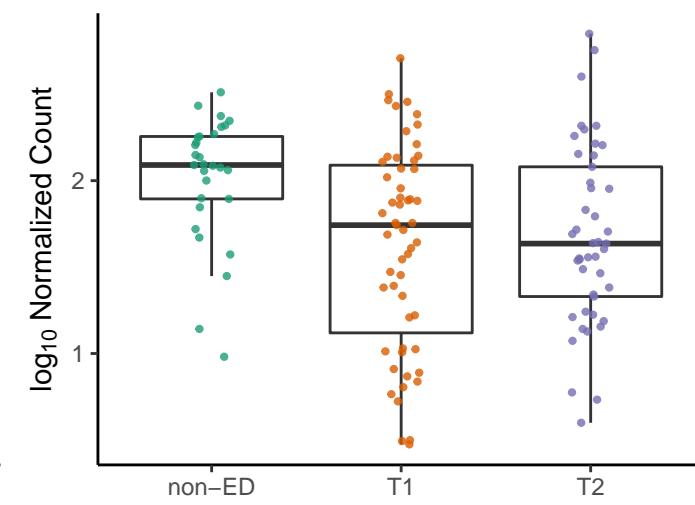
### *Gallionella* capsiferriformans

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.87



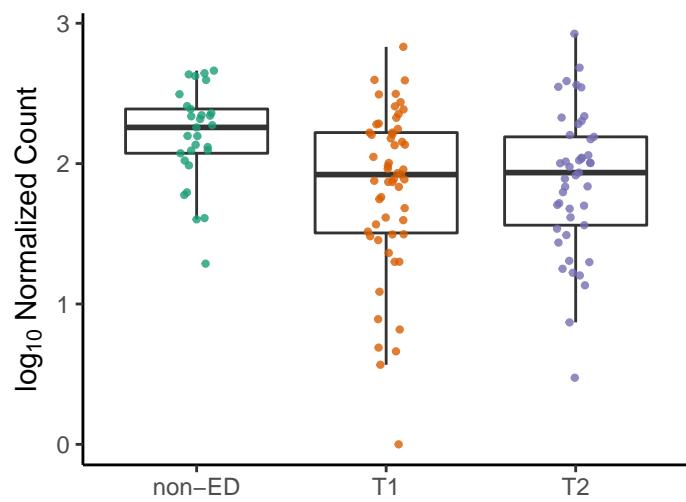
### *Microbacterium* sp. BH–3–3–3

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



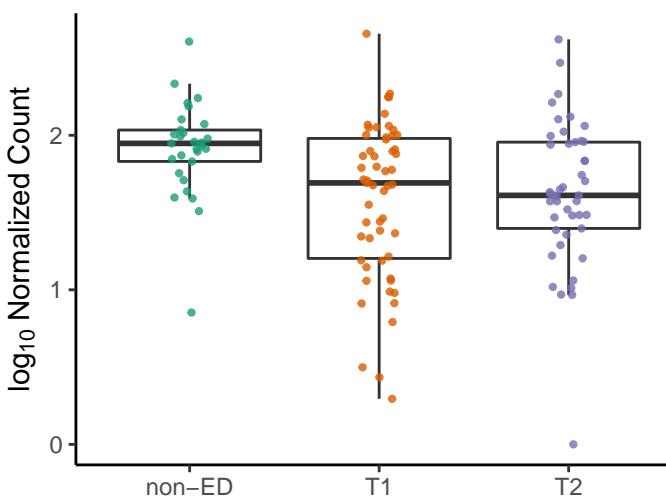
### *Paracoccus contaminans*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.87



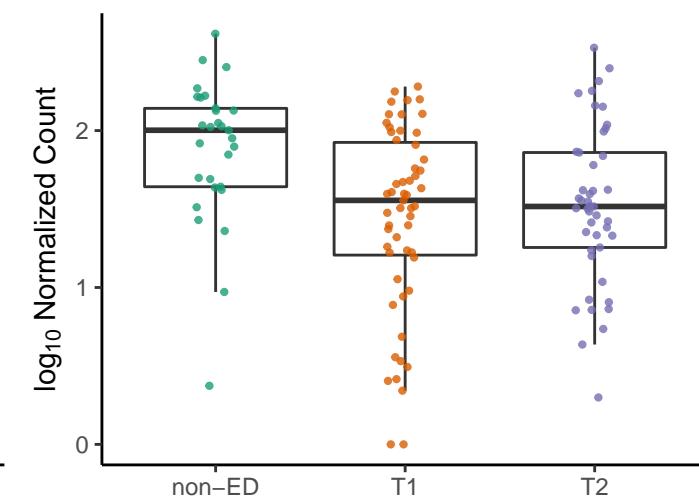
### *Pseudomonas* sp. R5-89-07

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.87



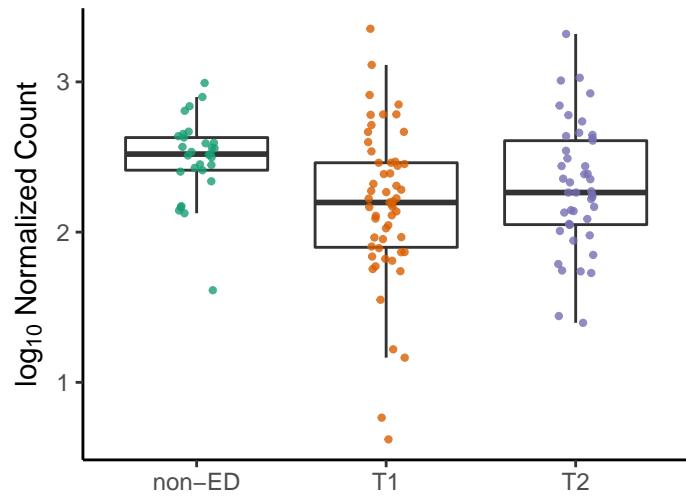
### *Sphingomonas* sp. YZ-8

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



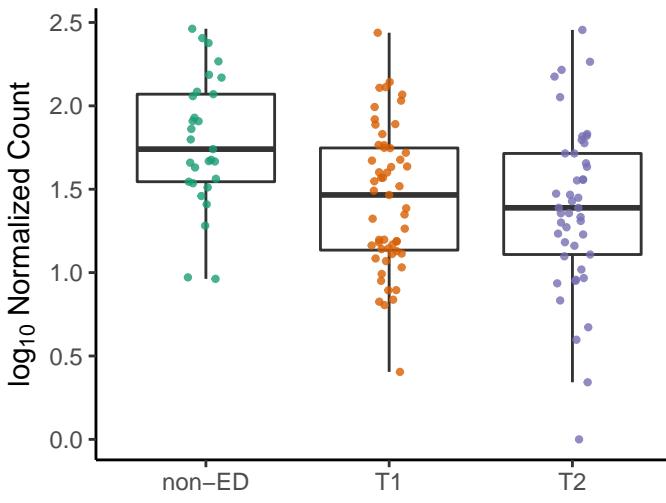
### *Stenotrophomonas rhizophila*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.75



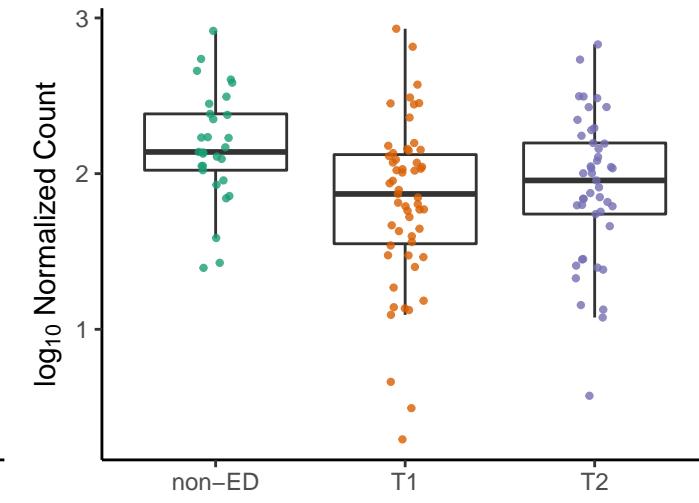
### *Sulfurimonas autotrophica*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.86



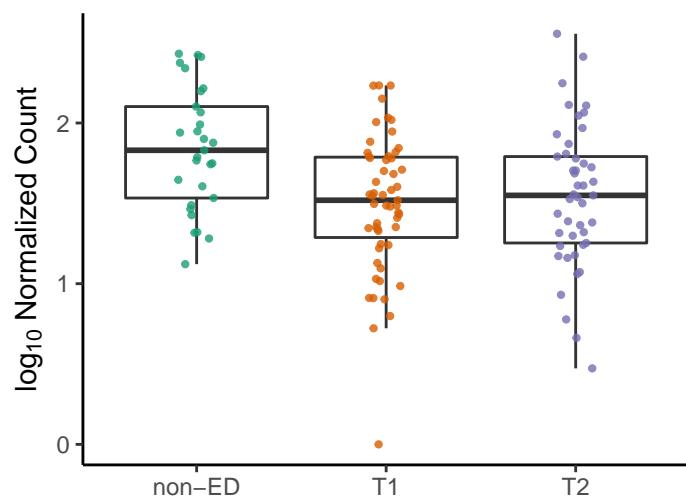
### Unclassified Caulobacter Genus

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



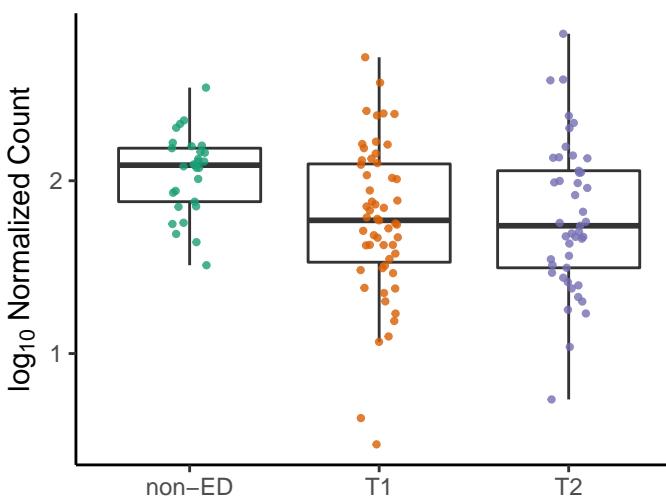
### *Xenorhabdus doucetiae*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.86



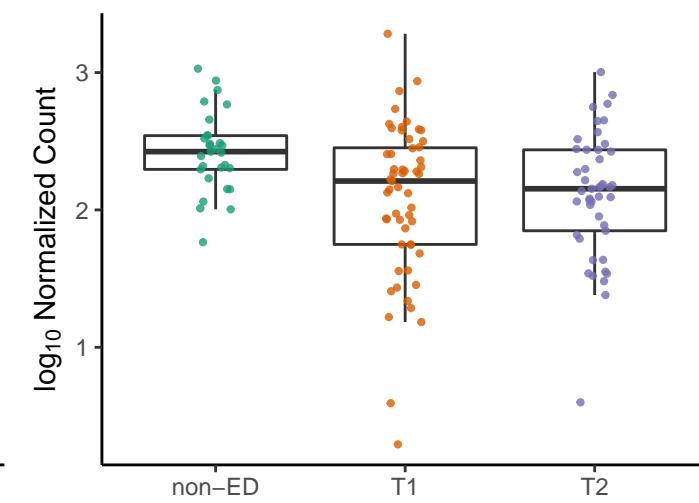
### *Rhizobium favelukesii*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.87



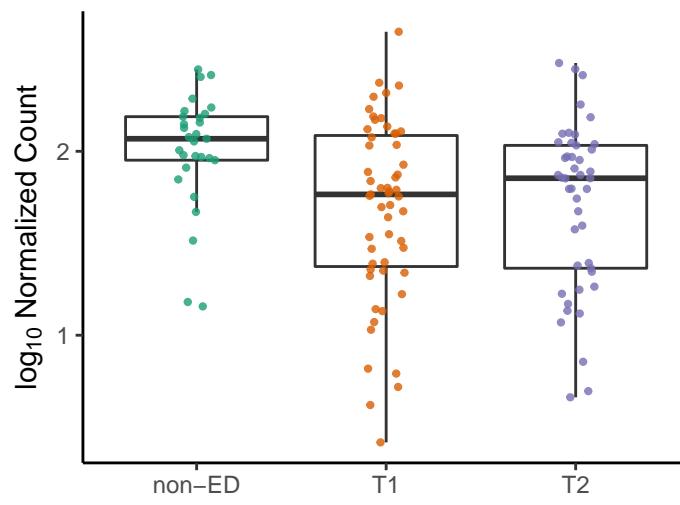
### *Pseudomonas citronellolis*

non-ED vs. T1 adjusted p = 0.0043  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.85



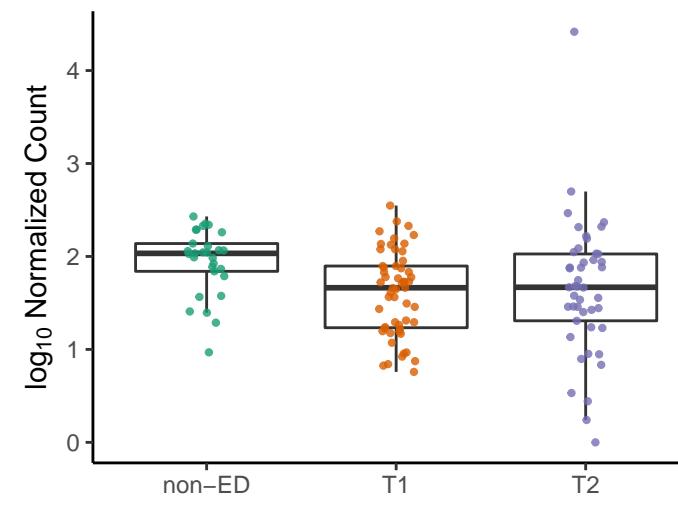
### *Corynebacterium efficiens*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



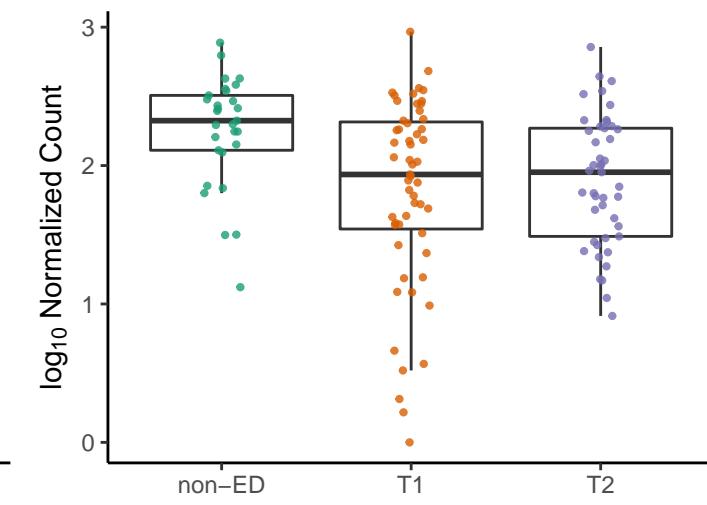
### *Dialister hominis*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.9



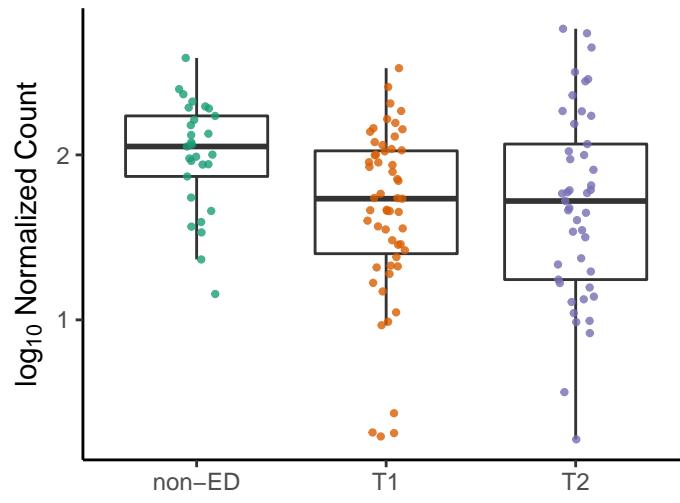
### *Kocuria rosea*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.85



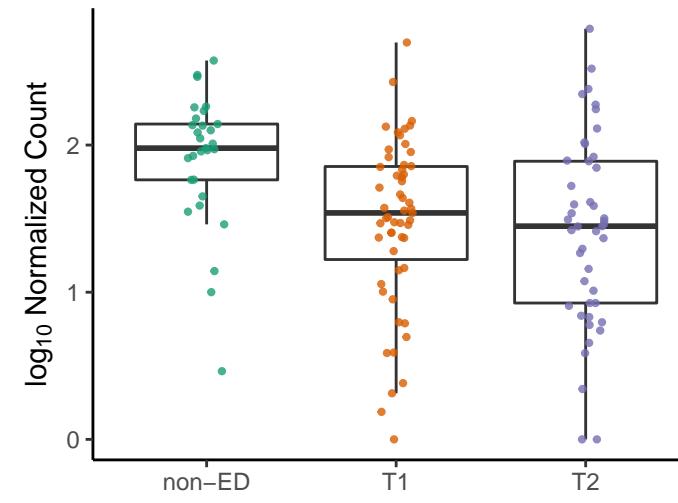
### *Nocardioides euryhalodurans*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



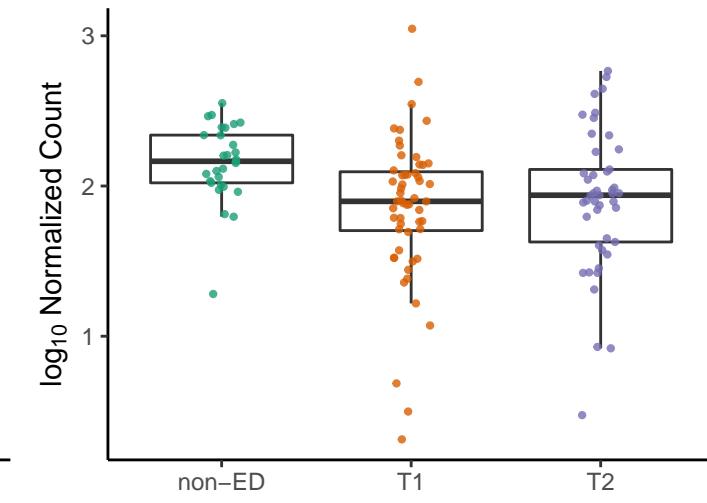
### *Pseudomonas lundensis*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.88



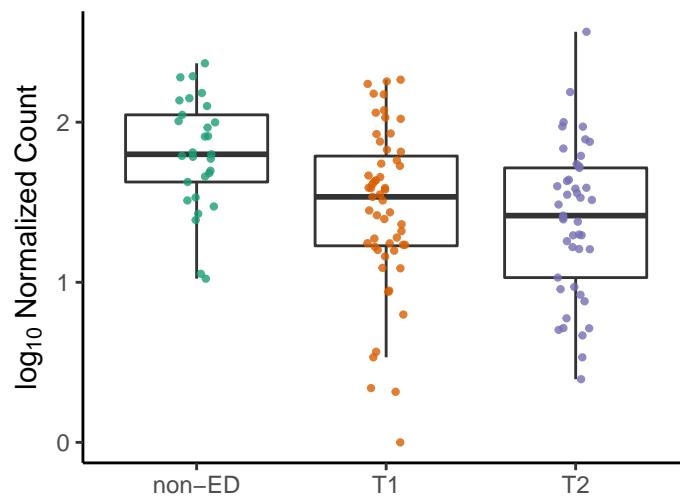
### *Rhizobium pseudoryzae*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



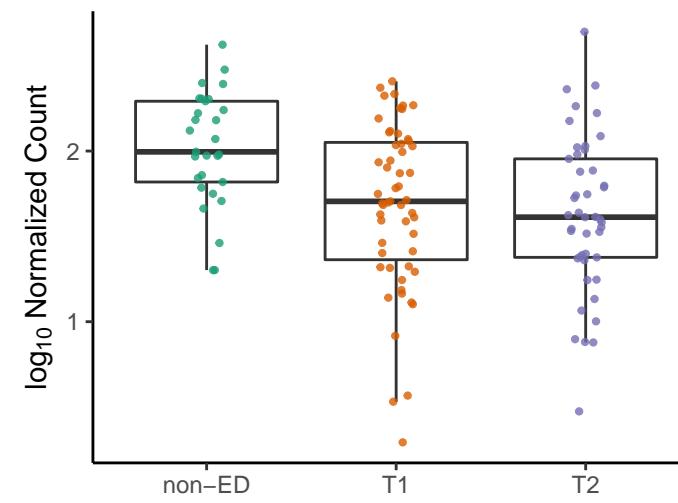
### *Shewanella piezotolerans*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.85



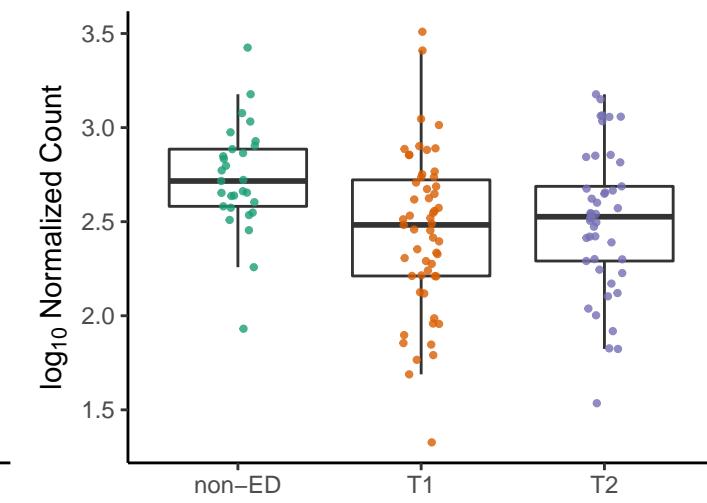
### *Pseudarthrobacter chlorophenolicus*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.86



### *Selenomonas sp. oral taxon 920*

non-ED vs. T1 adjusted p = 0.0044  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85

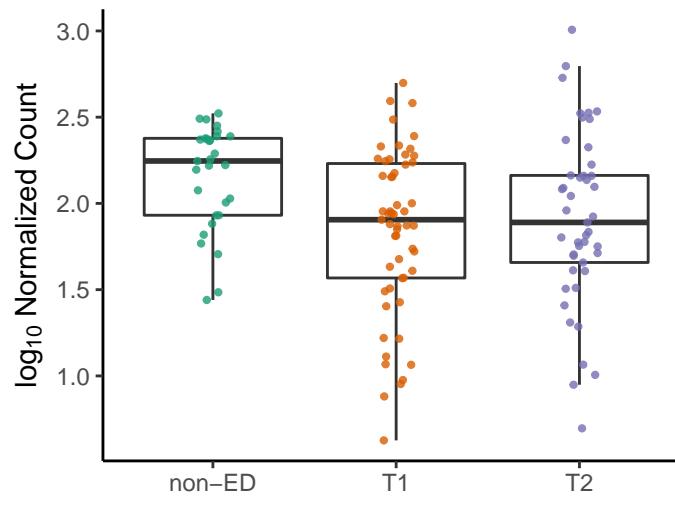


### *Cupriavidus campinensis*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.033

T1 vs. T2 adjusted p = 0.85

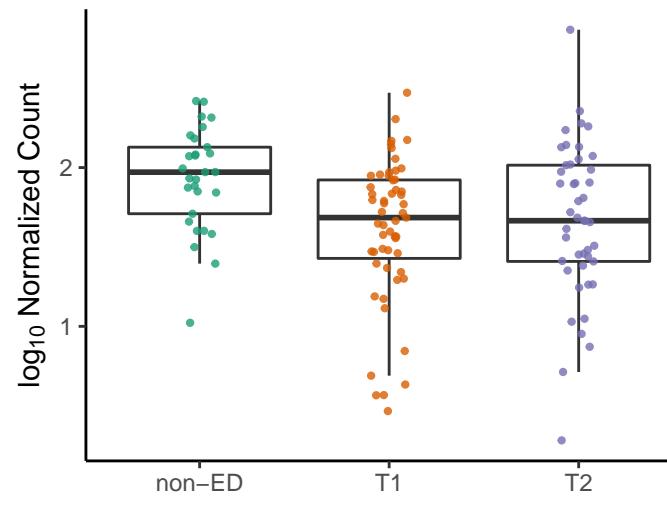


### *Pseudomonas antarctica*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.023

T1 vs. T2 adjusted p = 0.85

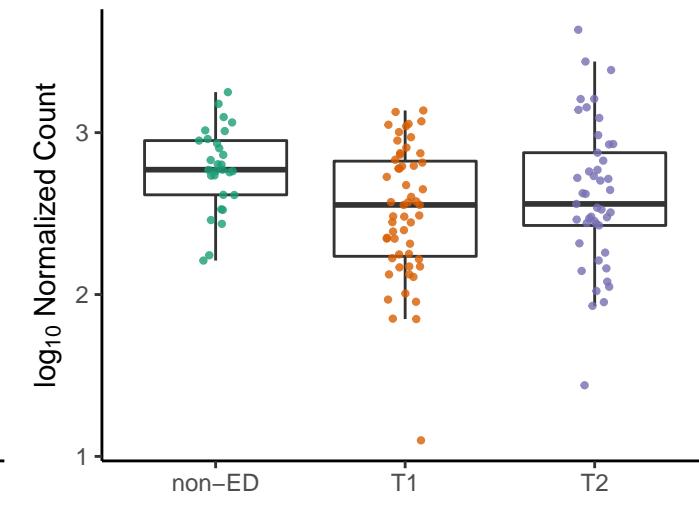


### *Thermobacillus composti*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.074

T1 vs. T2 adjusted p = 0.85

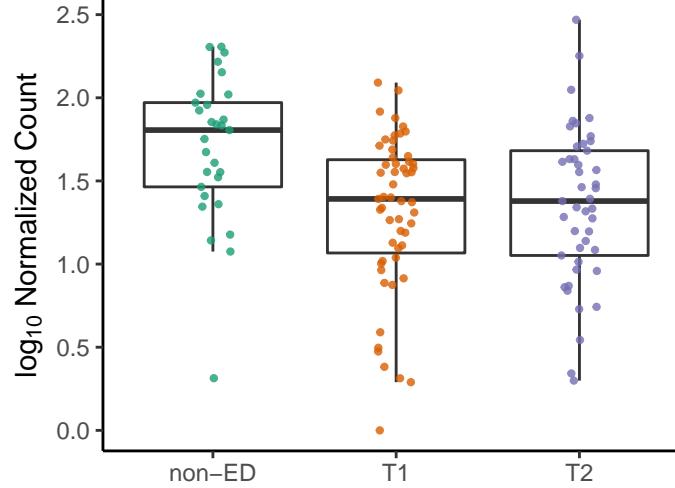


### Unclassified Methylovorus Genus

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.85

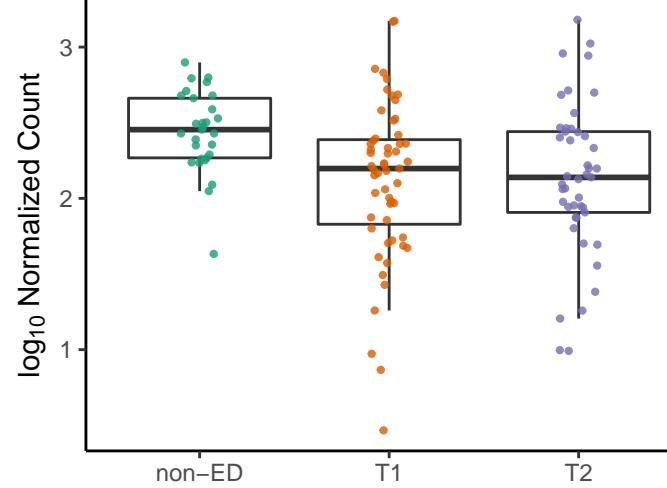


### *Actinoplanes* sp. OR16

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.0088

T1 vs. T2 adjusted p = 0.9

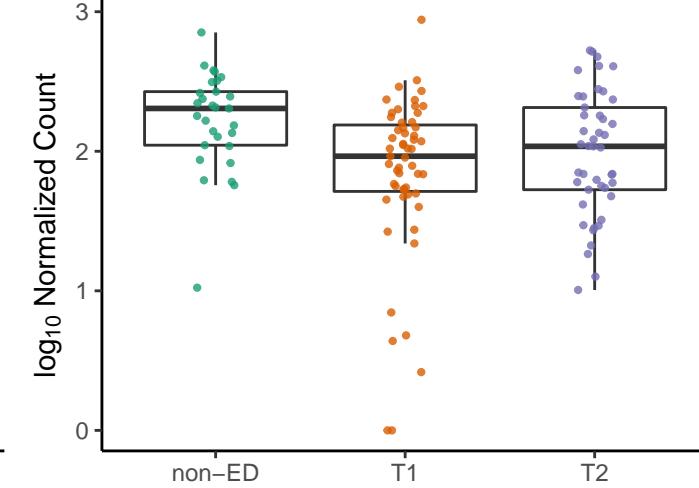


### *Bradyrhizobium guangdongense*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.034

T1 vs. T2 adjusted p = 0.85

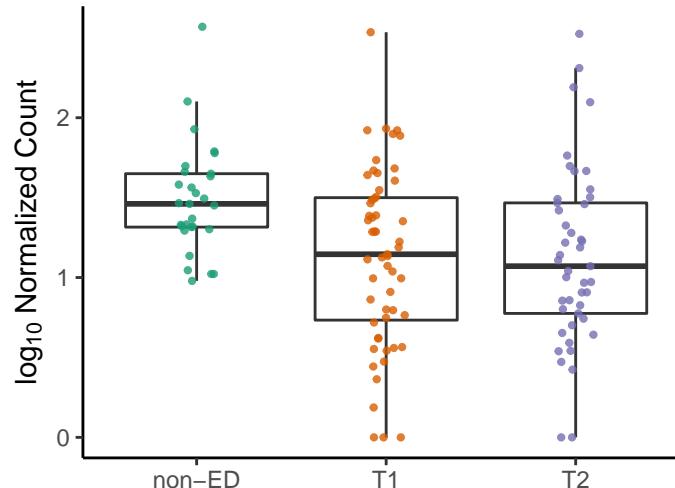


### *Natronomonas moolapensis*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.0087

T1 vs. T2 adjusted p = 0.85

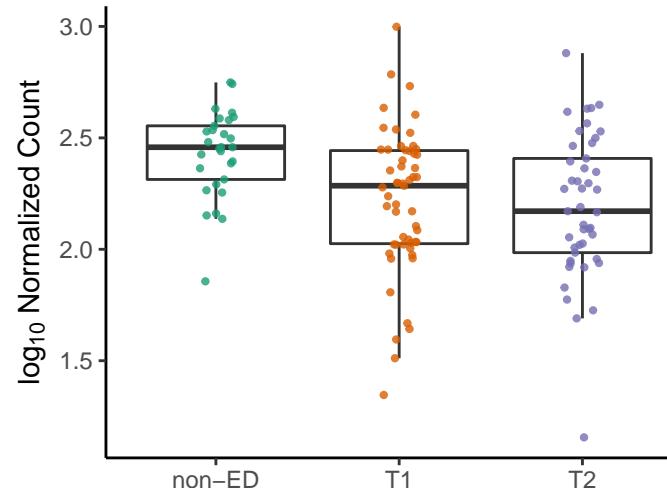


### Unclassified Thermotoga Genus

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.0038

T1 vs. T2 adjusted p = 0.97

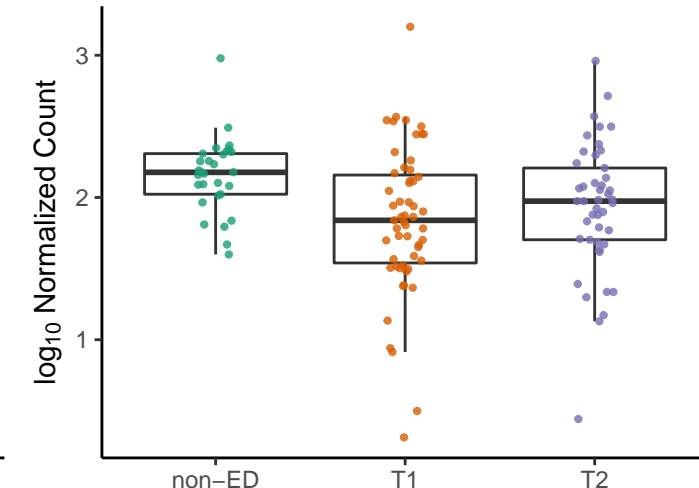


### *Brevundimonas subvibrioides*

non-ED vs. T1 adjusted p = 0.0045

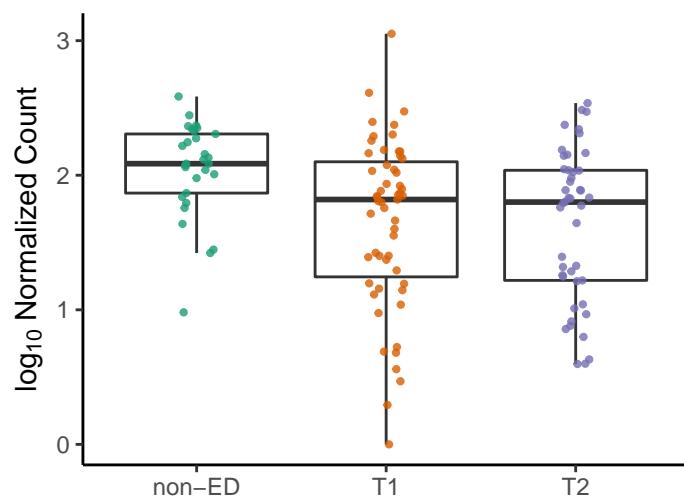
non-ED vs. T2 adjusted p = 0.032

T1 vs. T2 adjusted p = 0.85



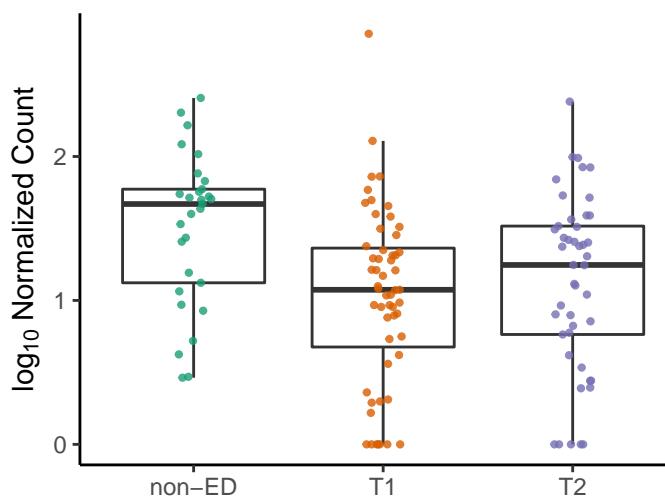
### *Nocardioides seonyuensis*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.91



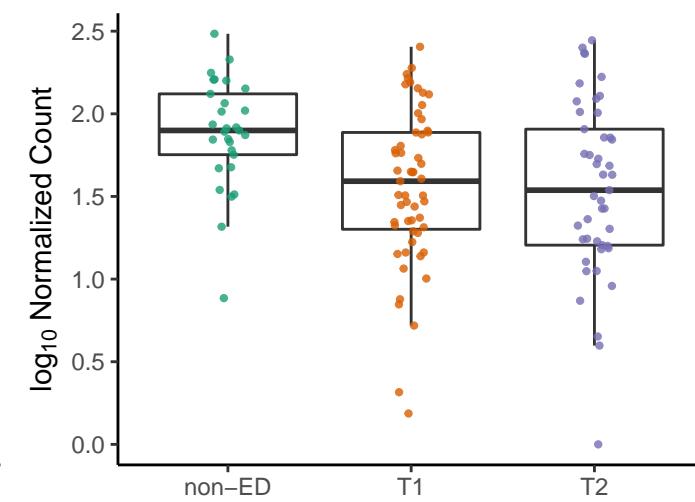
### *Rathayibacter sp. VKM Ac-2762*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



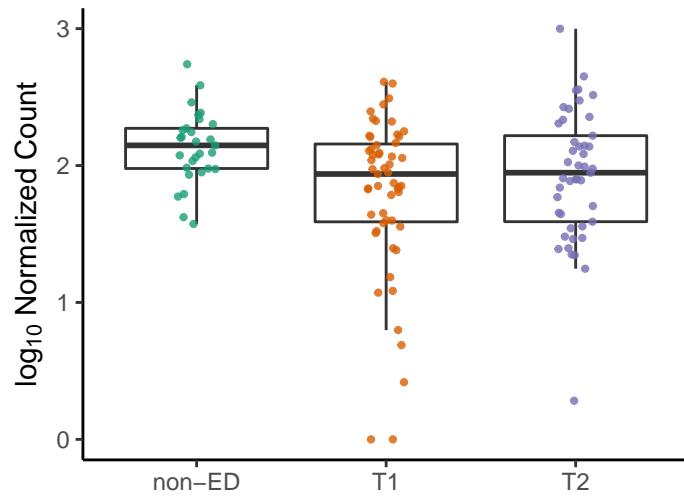
### *Lachancea thermotolerans*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.0098  
 T1 vs. T2 adjusted p = 0.98



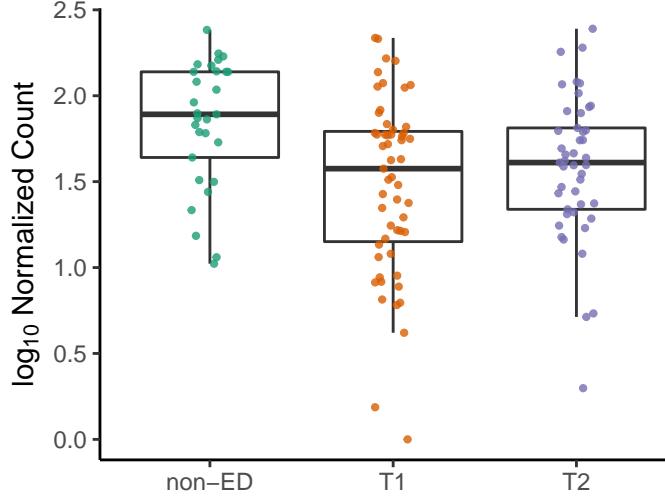
### *Leptothrix choldnii*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



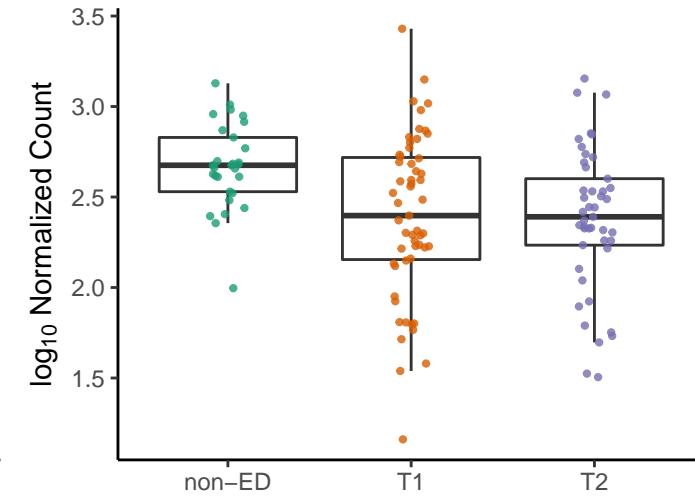
### *Mycobacterium simiae*

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



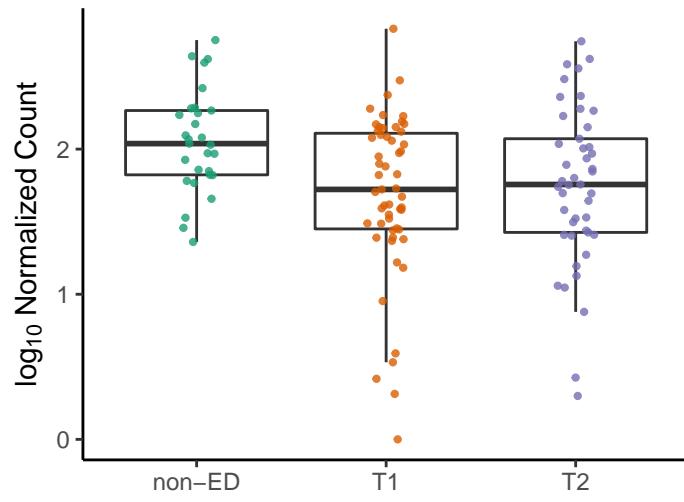
### Unclassified *Variovorax* Genus

non-ED vs. T1 adjusted p = 0.0045  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.97



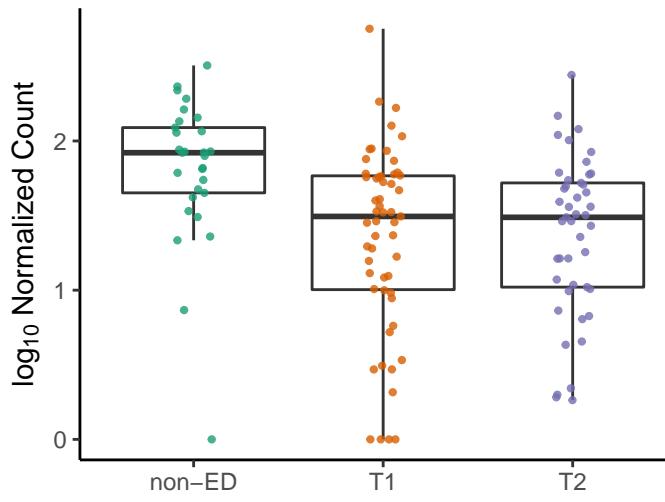
### *Ensifer sojae*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



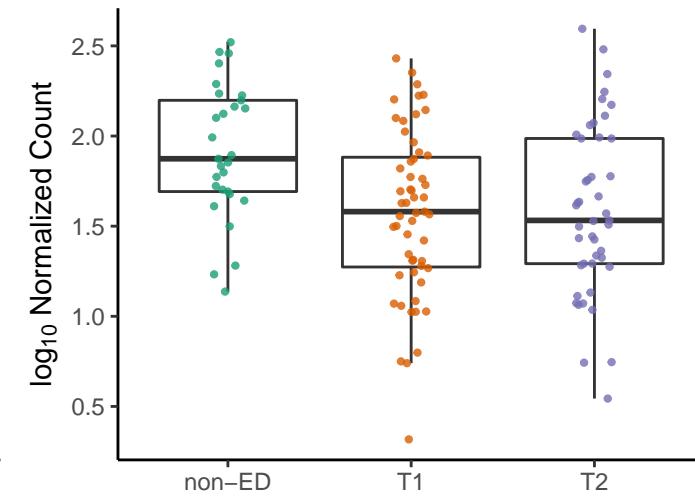
### *Burkholderia* sp. JP2-270

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.9



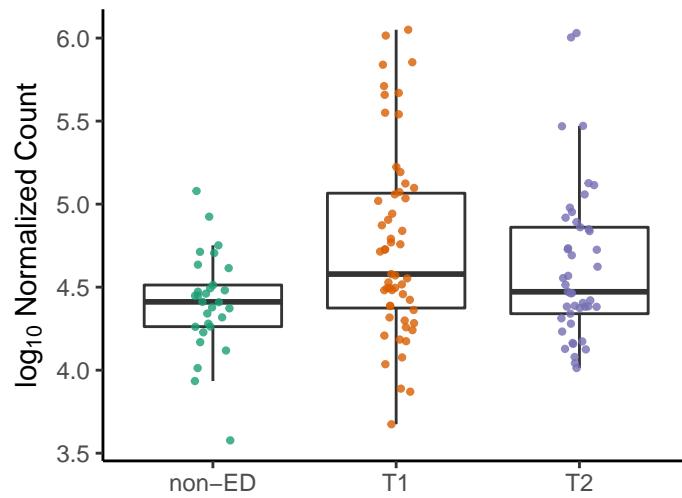
### *Chloroflexus aggregans*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.98



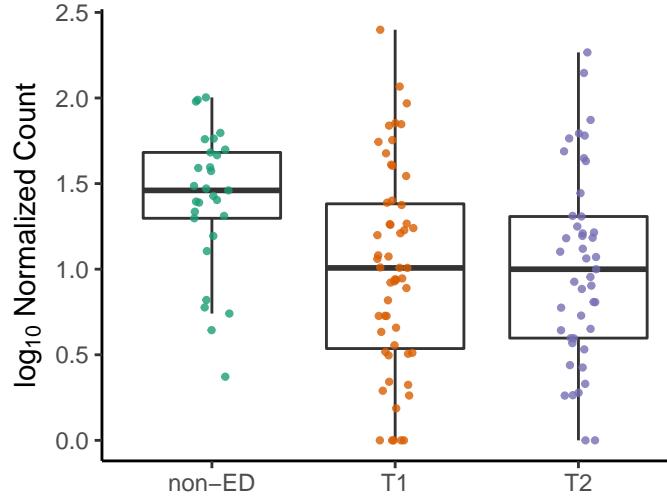
### *Enterocloster bolteae*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



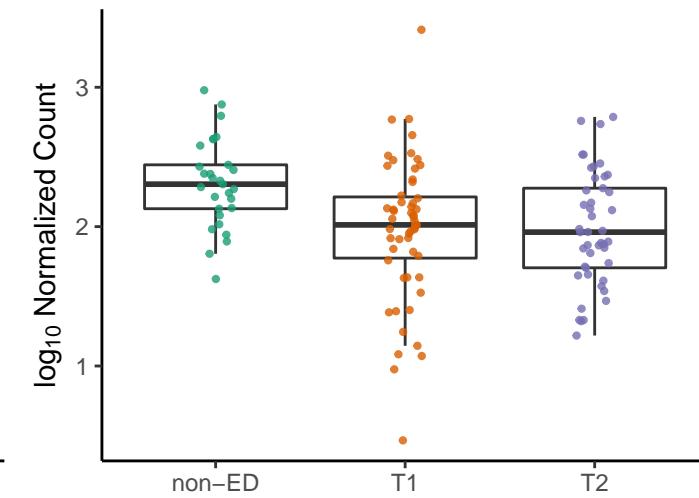
### *Methanocaldococcus bathoardescens*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.0083  
 T1 vs. T2 adjusted p = 0.95



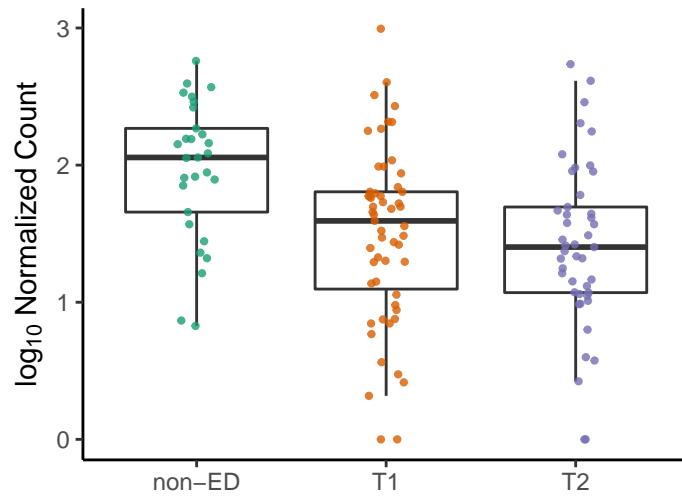
### *Orrella dioscoreae*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.87



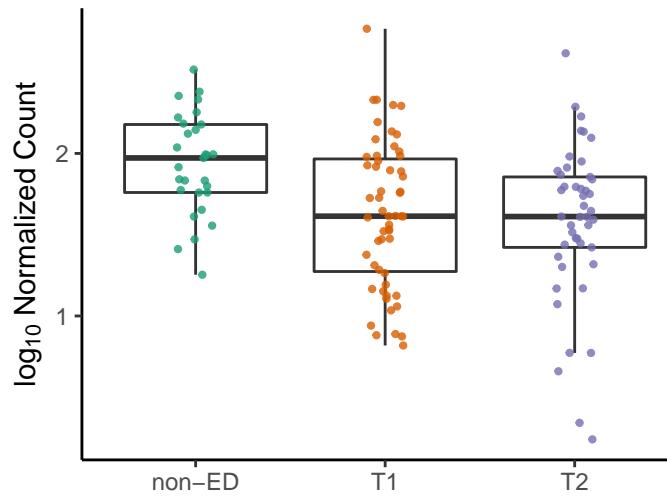
### *Halobacterium hubeiense*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.96



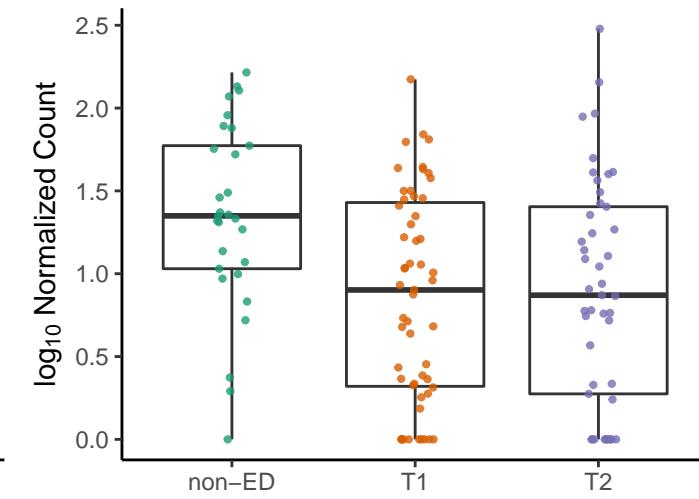
### *Lactobacillus amylophilus*

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.88



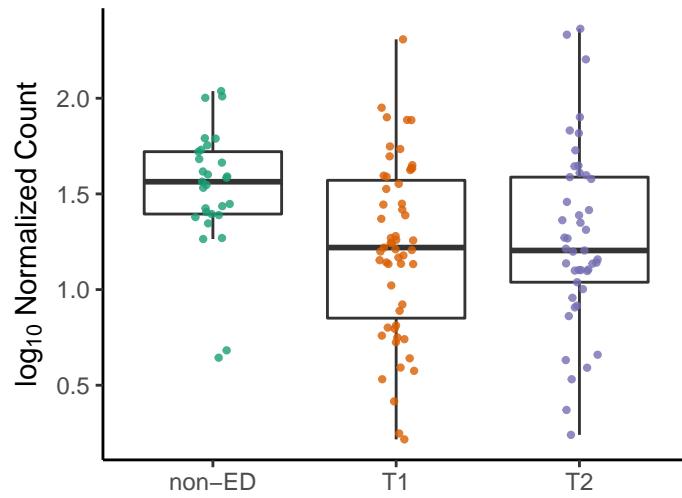
### *Pseudomonas* sp. VLB120

non-ED vs. T1 adjusted p = 0.0046  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



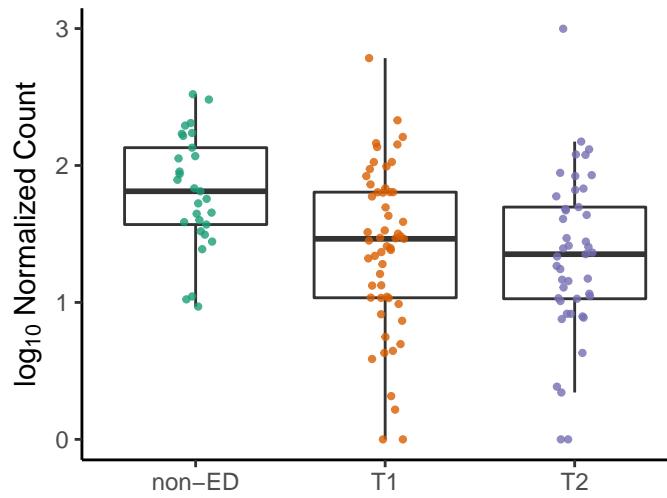
### *Shewanella* sp. SNU WT4

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.92



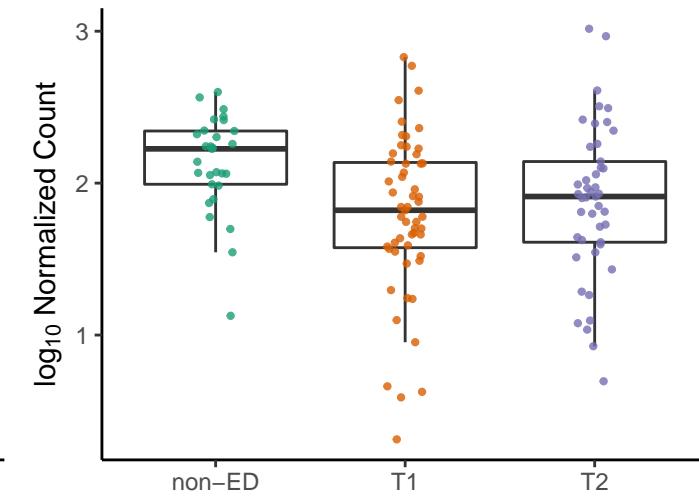
### *Altererythrobacter epoxidivorans*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 1



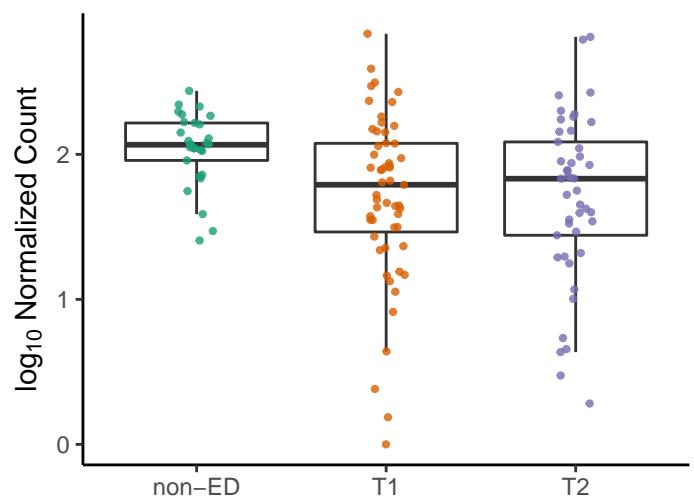
### *Cellulomonas* sp. JZ18

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



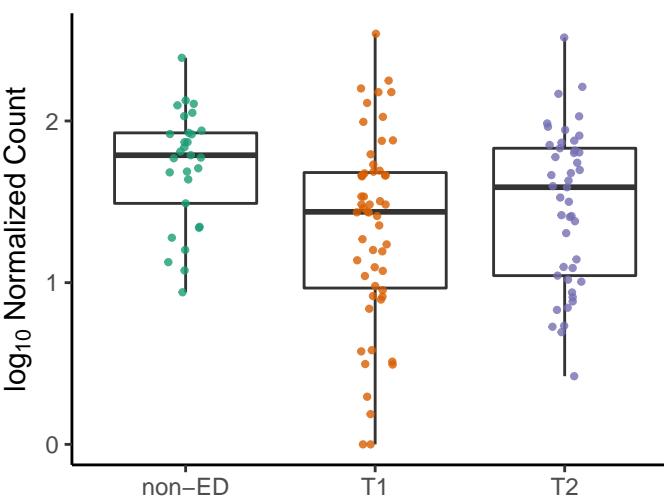
### *Pseudolabrys taiwanensis*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.88



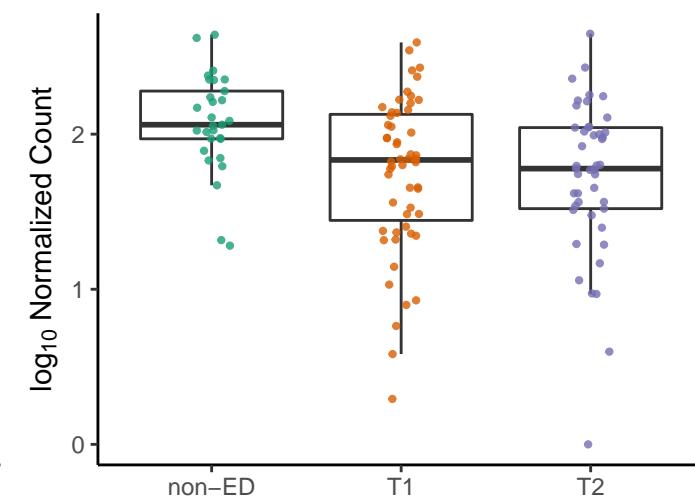
### [*Pseudomonas*] mesoacidiphila

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



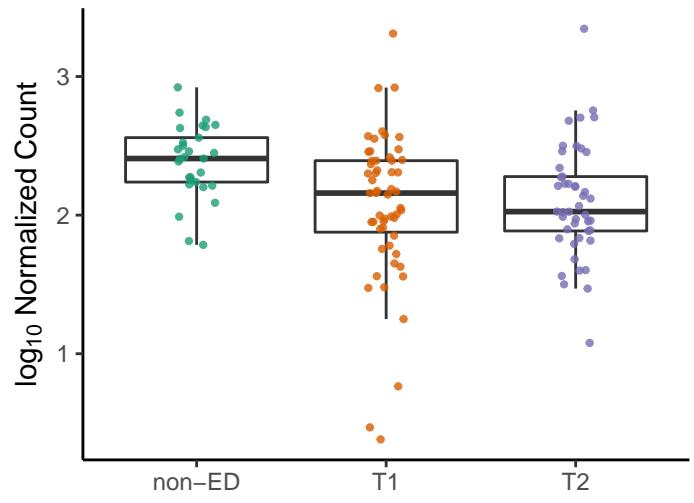
### *Aquitalea magnusonii*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.97



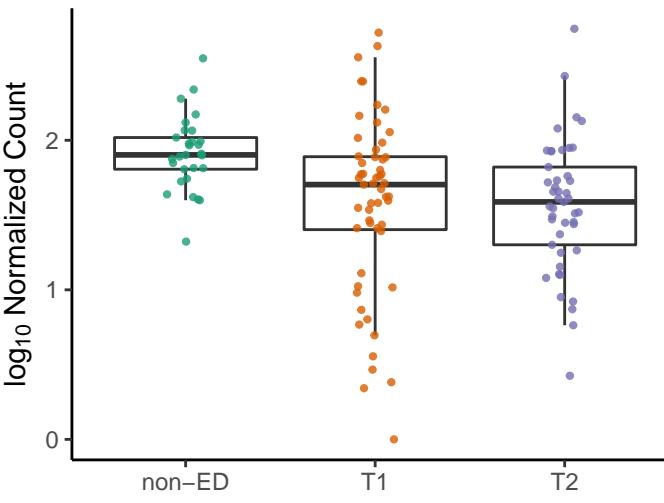
### *Geobacter sulfurreducens*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.006  
 T1 vs. T2 adjusted p = 0.85



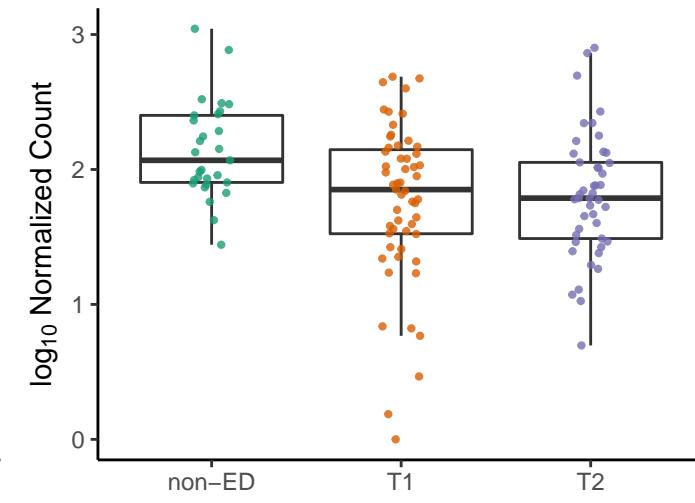
### *Asaia bogorensis*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 1



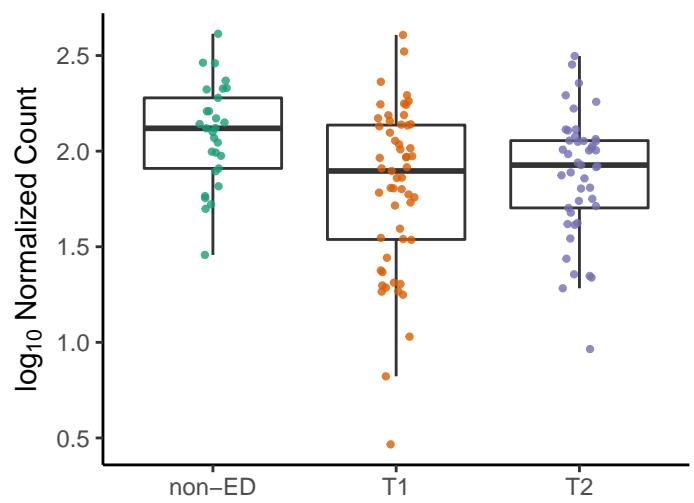
### *Bradyrhizobium symbiodeficiens*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.0082  
 T1 vs. T2 adjusted p = 0.85



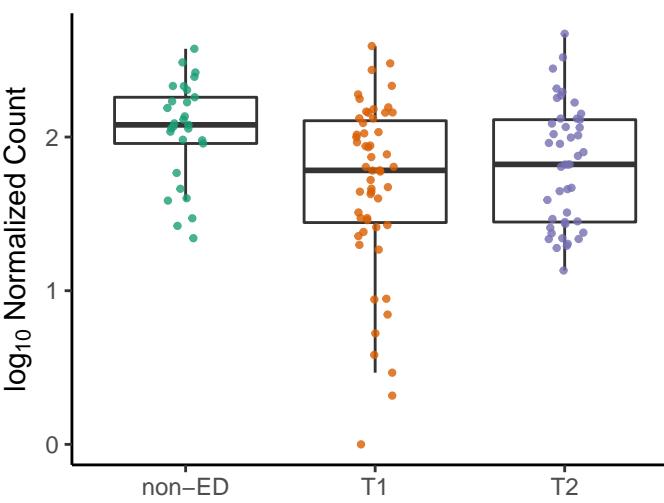
### *Ensifer alkalisoli*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



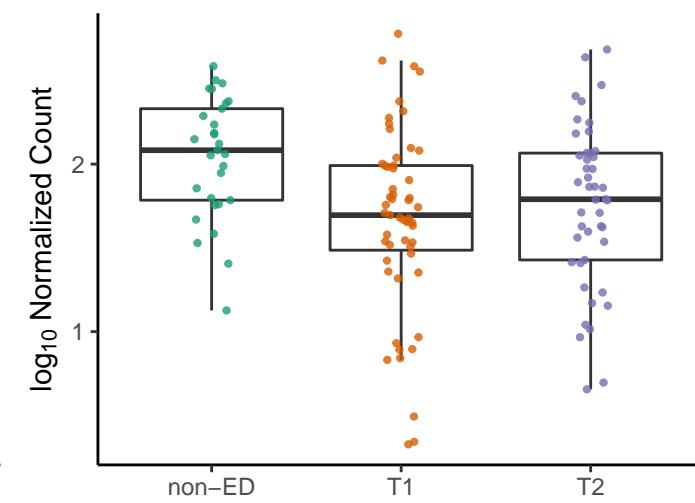
### *Paracoccus jeotgali*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



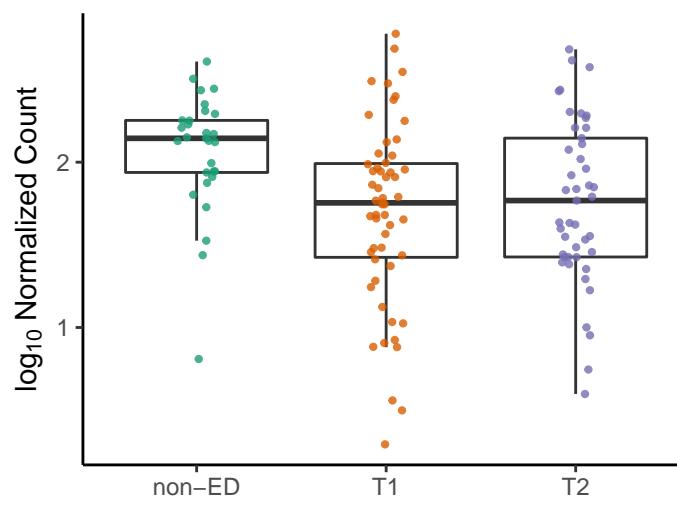
### *Thauera humireducens*

non-ED vs. T1 adjusted p = 0.0047  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



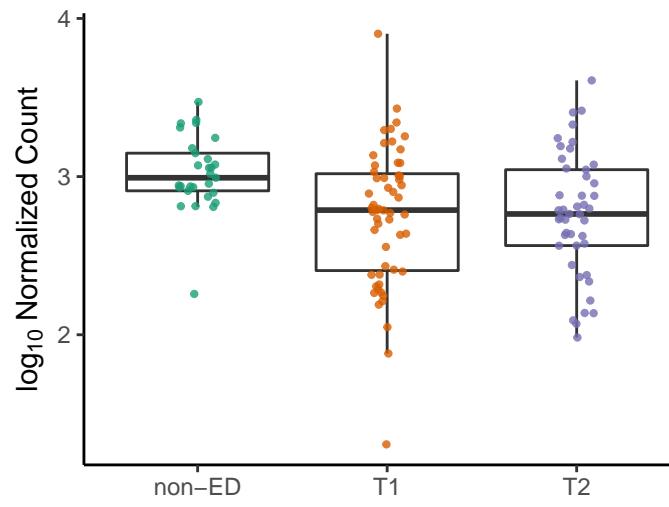
### Unclassified Hungateiclostridiaceae Fam

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



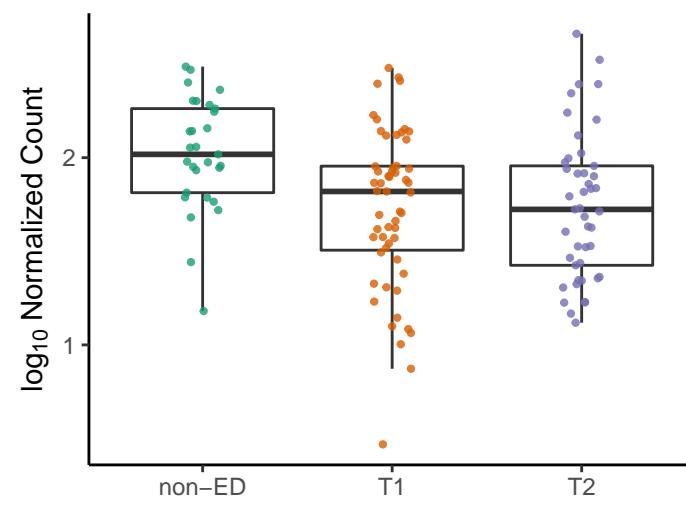
### Unclassified Rhodococcus Genus

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.007  
T1 vs. T2 adjusted p = 0.86



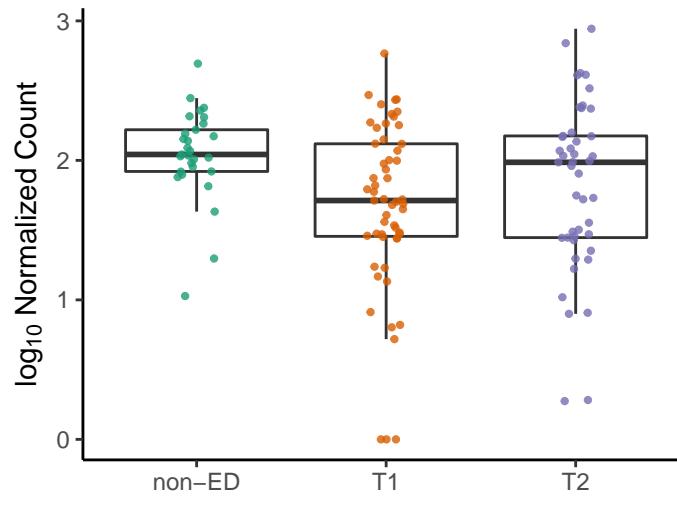
### Mixta theicola

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.93



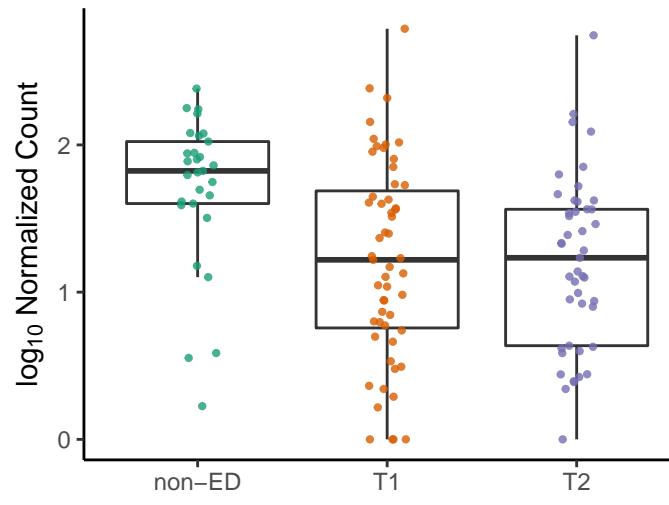
### Serpentinomonas mccroryi

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.85



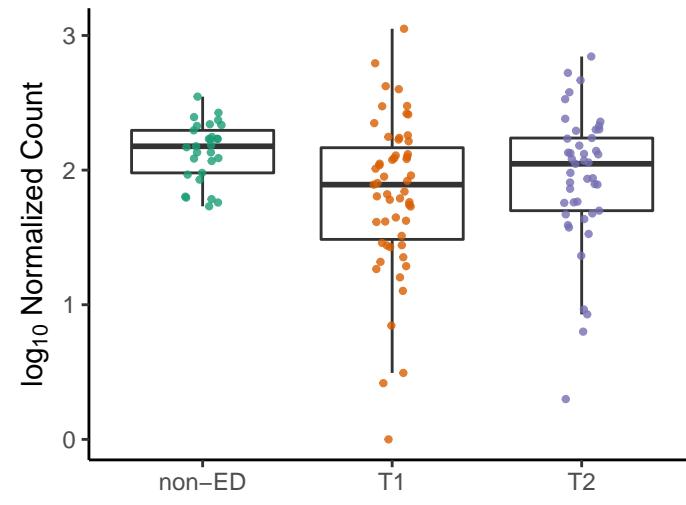
### Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.0047  
T1 vs. T2 adjusted p = 1



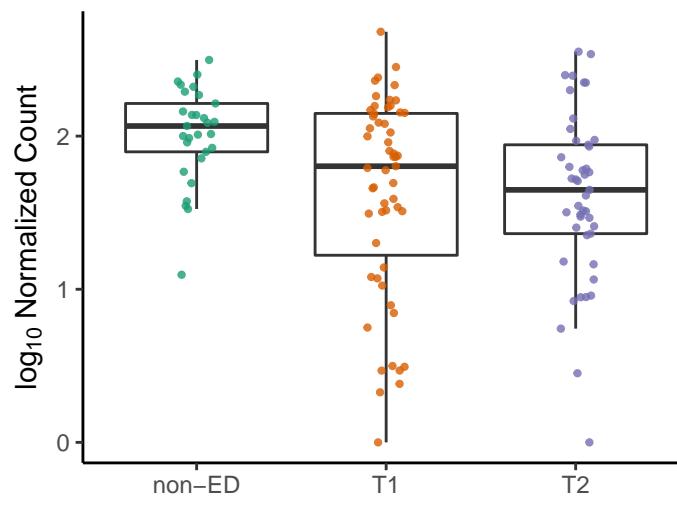
### Unclassified Roseivivax Genus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.85



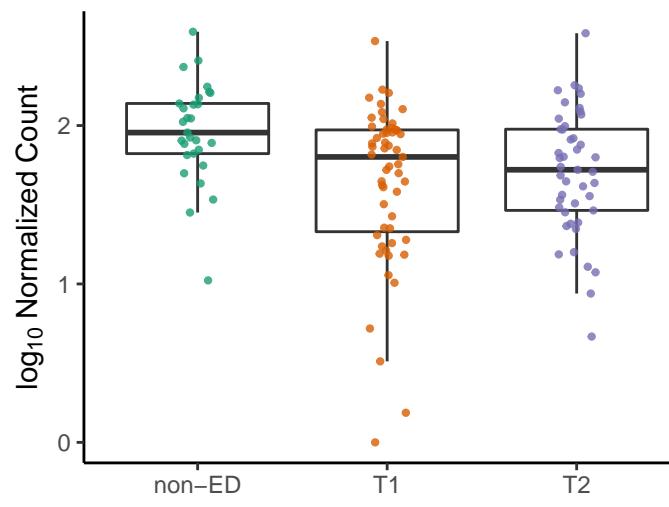
### Streptomyces prasinus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.98



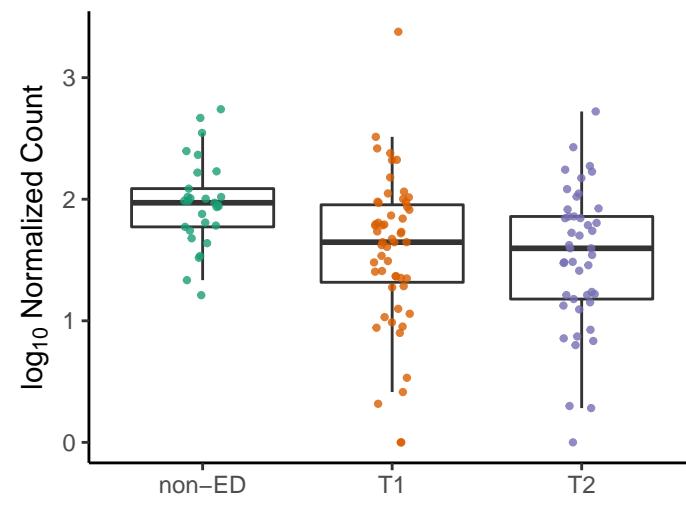
### Pseudomonas sp. DG56-2

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



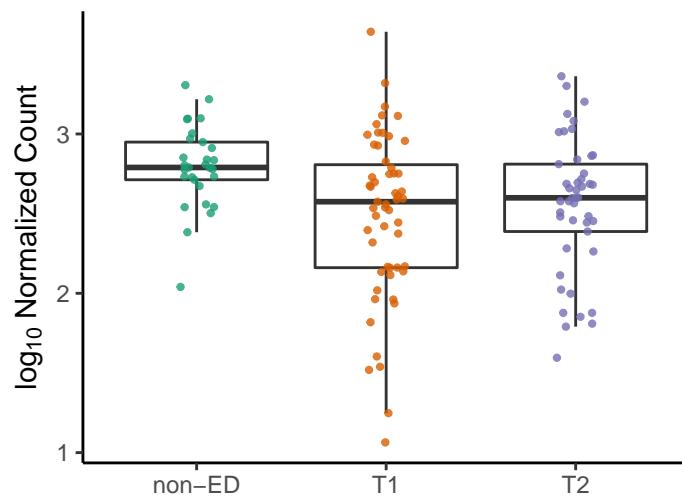
### Sphingomonas sp. AAP5

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.0032  
T1 vs. T2 adjusted p = 0.98



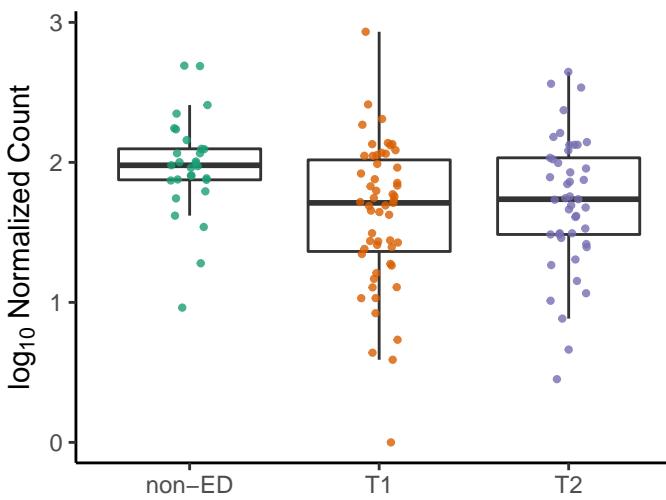
### Unclassified Methylobacterium Genus

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



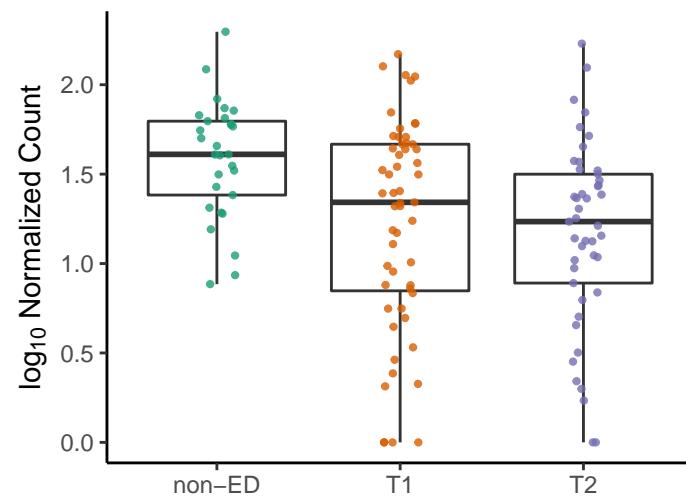
### Pantoea sp. PSNIH1

non-ED vs. T1 adjusted p = 0.005  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.85



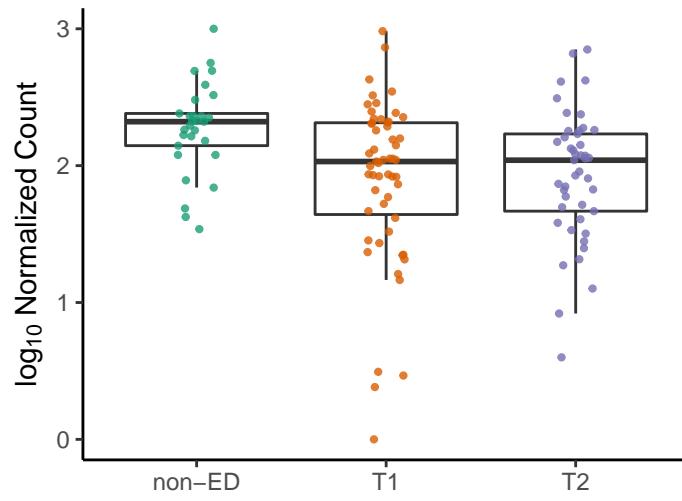
### Sphingomonas sp. HDW15C

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.99



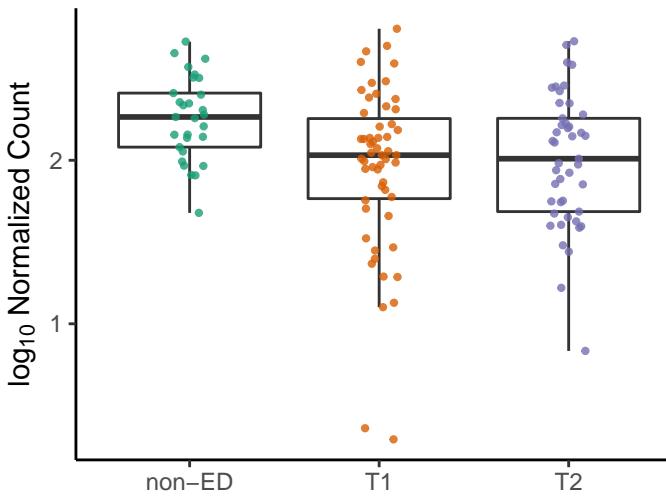
### Alkalilimnicola ehrlichii

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.85



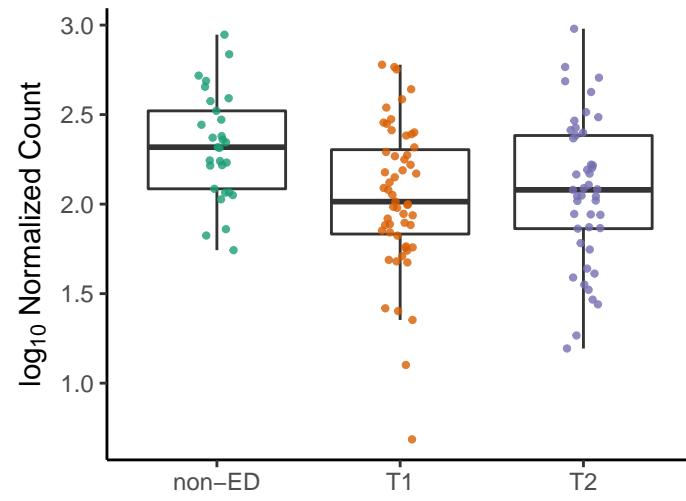
### Hymenobacter sp. BT18

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0098  
T1 vs. T2 adjusted p = 0.85



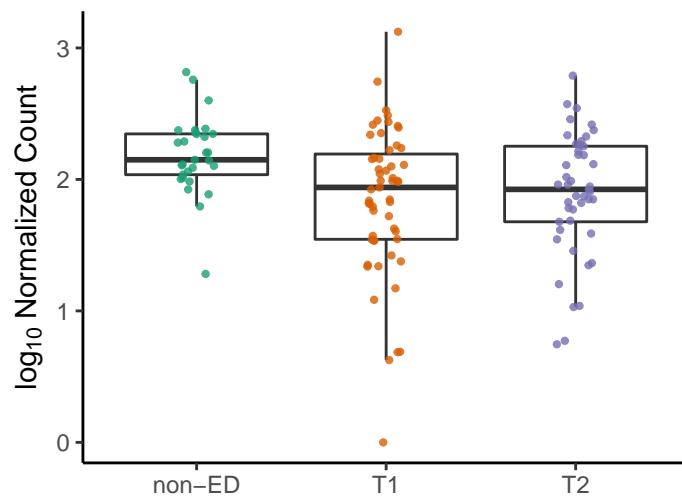
### Microbacterium foliorum

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.87



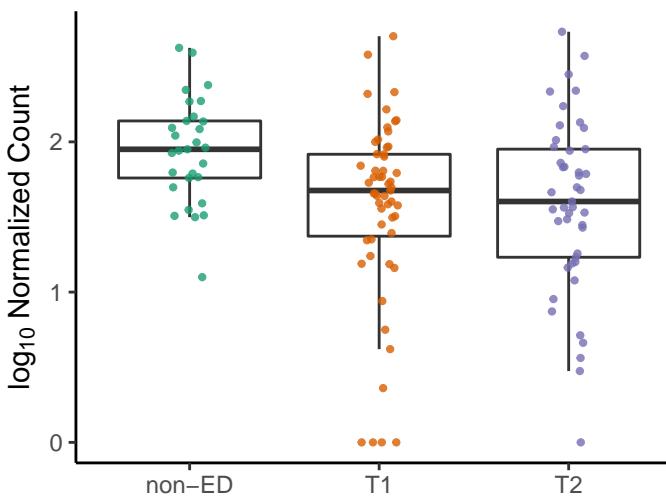
### Unclassified Sinorhizobium Genus

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.85



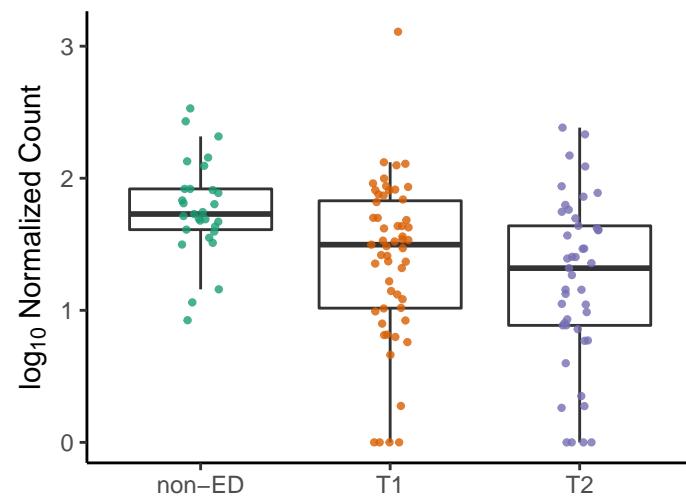
### Brevundimonas sp. MF30-B

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.91



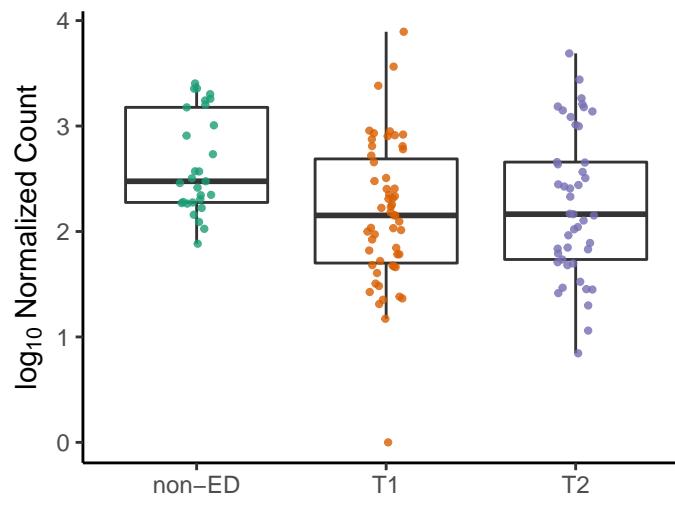
### Candidatus Saccharibacteria bacterium

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.85



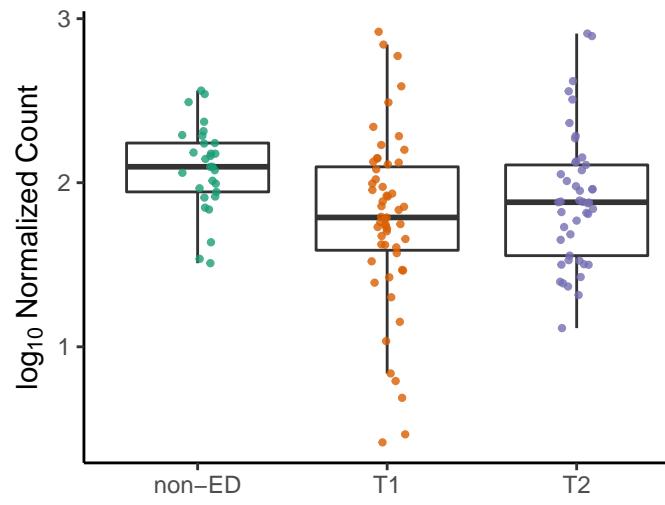
### Dialister pneumosintes

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.86



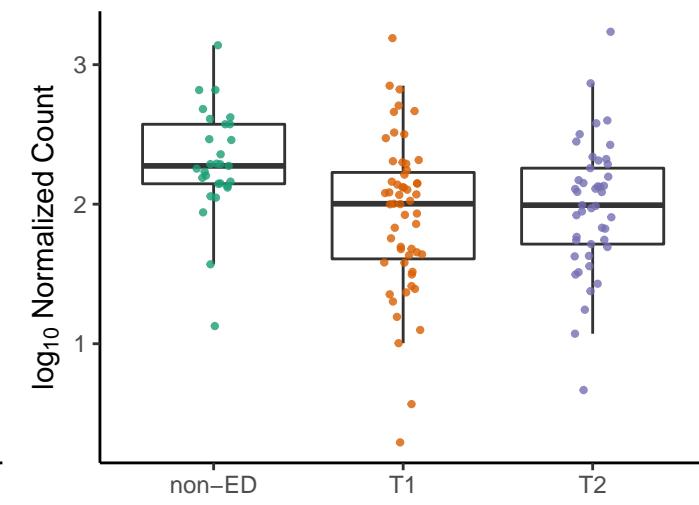
### Pigmentiphaga aceris

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.75



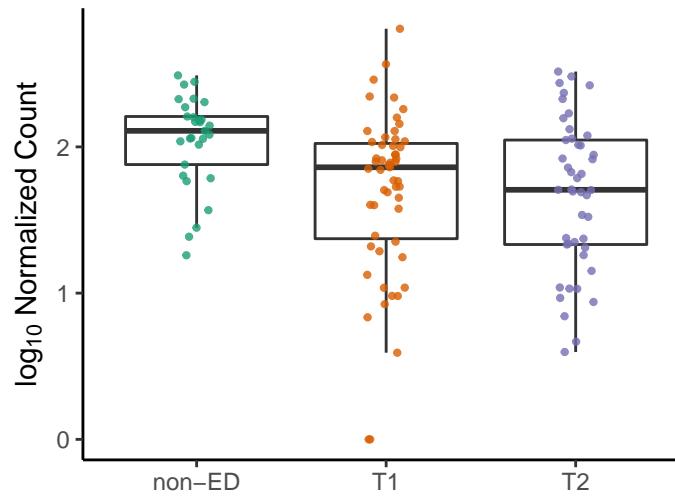
### Rhodomicrombium vannielii

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.87



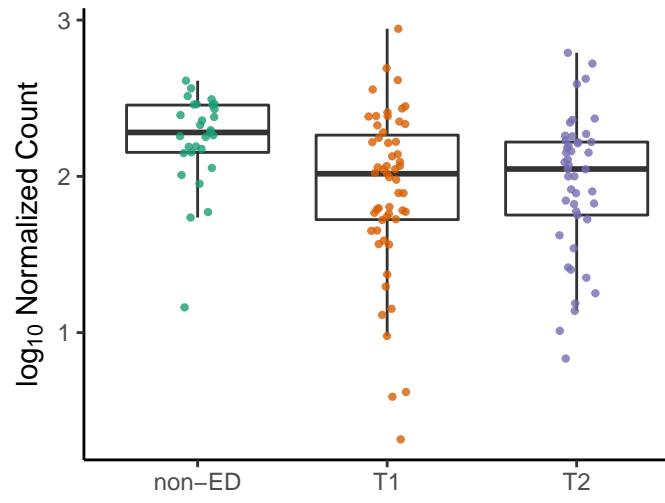
### Streptomyces dengpaensis

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0045  
T1 vs. T2 adjusted p = 0.99



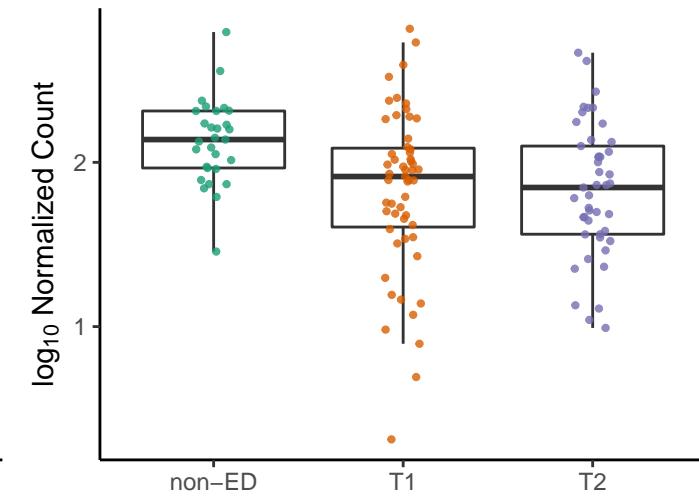
### Unclassified Fusarium Genus

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



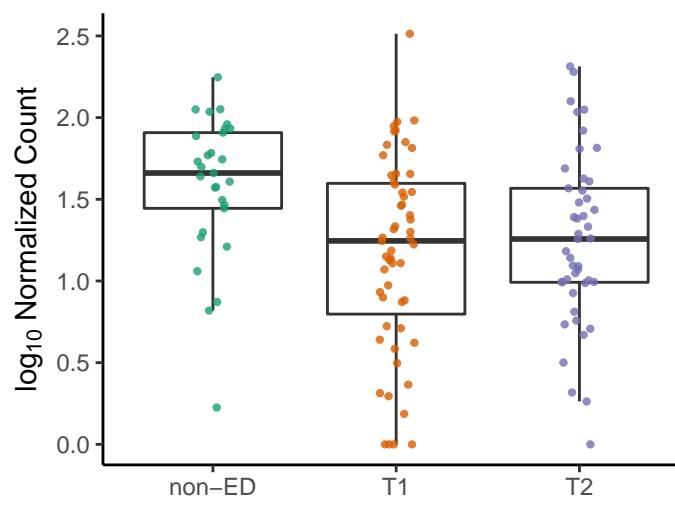
### Hydrogenophaga sp. PBC

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.96



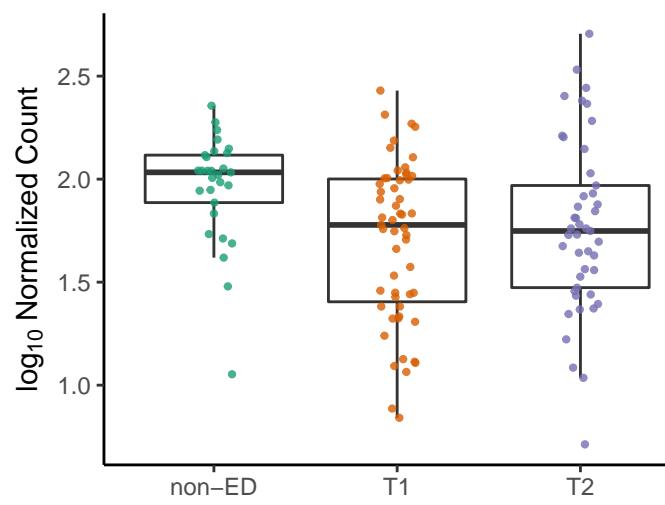
### Unclassified Tumebacillus Genus

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.9



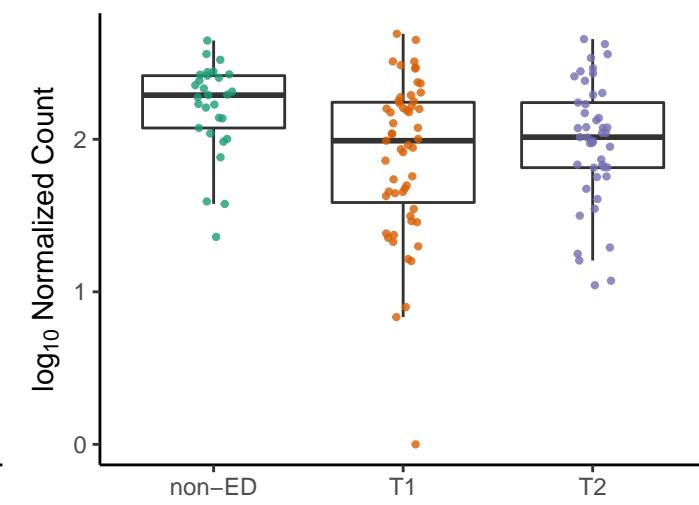
### Alteromonas sp. RKMC-009

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



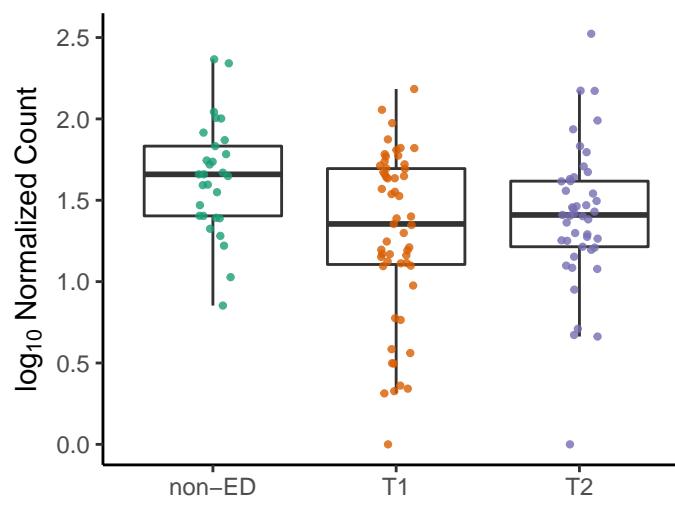
### Azorhizobium caulinodans

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.85



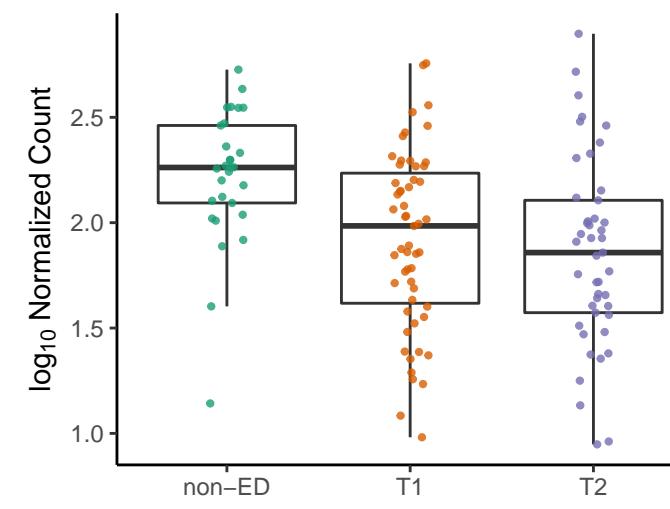
### *Herminimonas arsenitoxidans*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



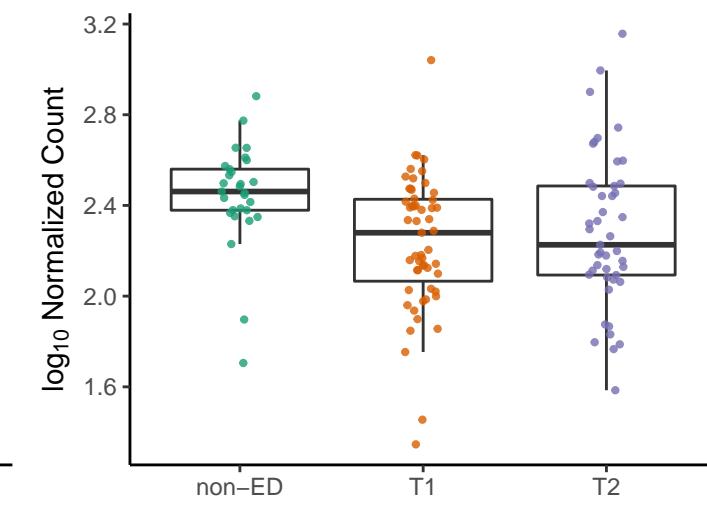
### *Moraxella osloensis*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.85



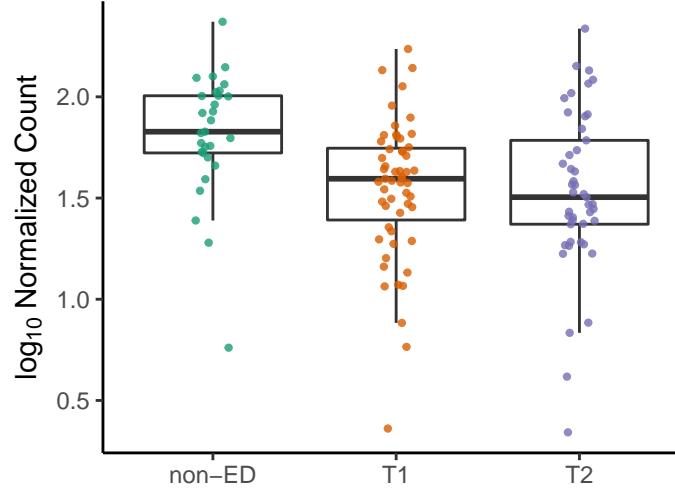
### *Paenibacillaceae bacterium GAS479*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



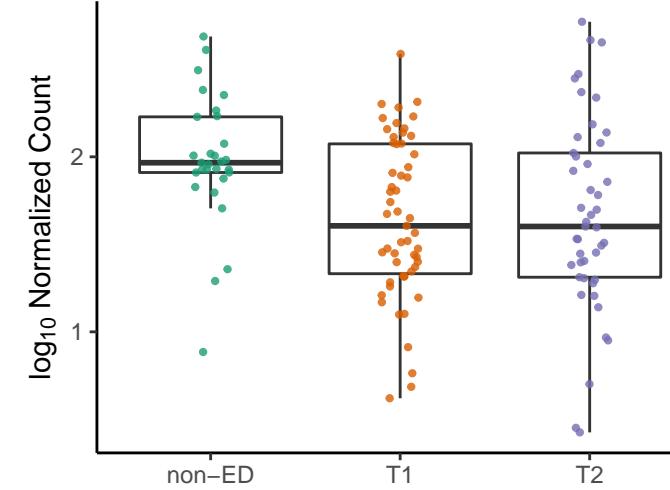
### *Pseudanabaena sp. ABRG5-3*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.95



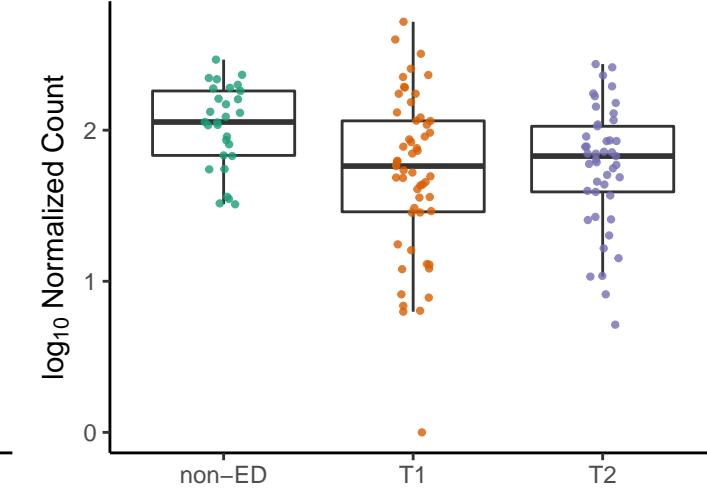
### *Roseovarius sp. THAF9*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.92



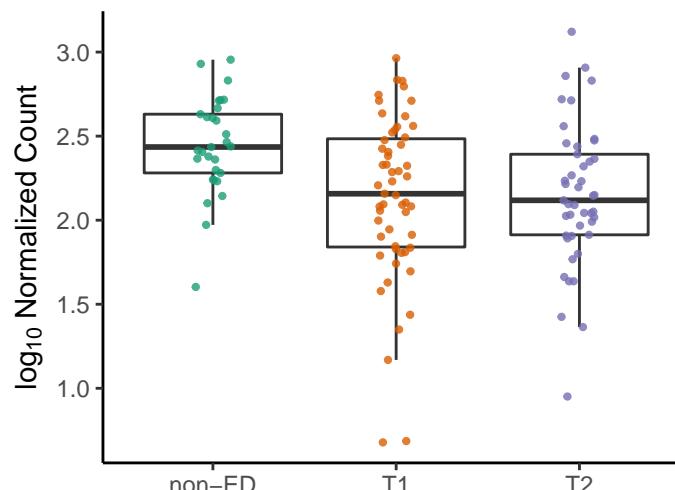
### *Synechococcus sp. JA-2-3Ba(2-13)*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



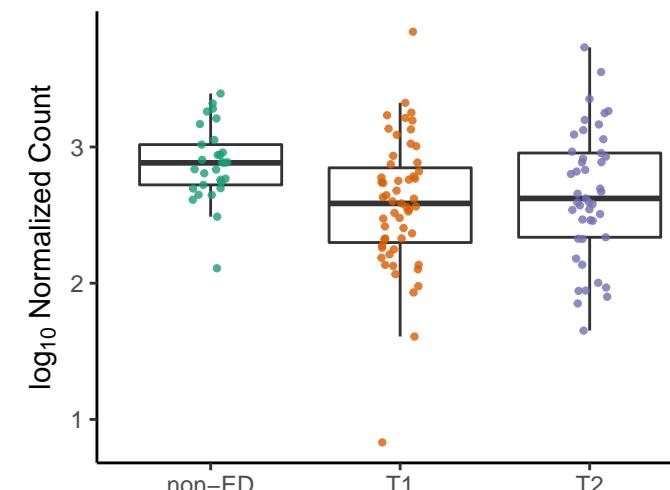
### Unclassified Arthrobacter Genus

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.87



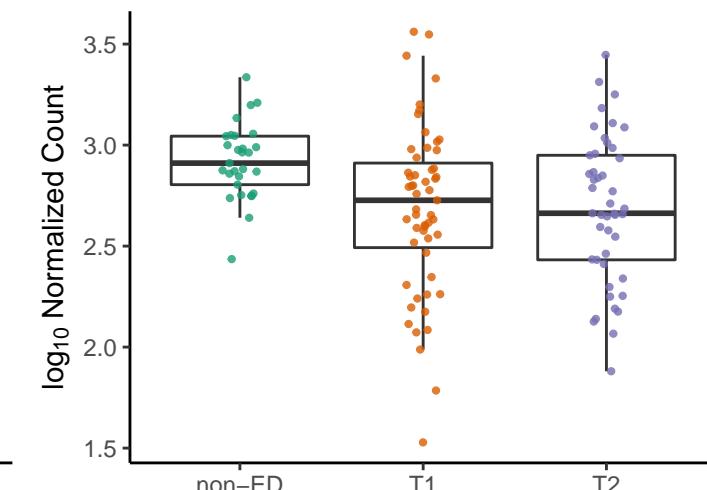
### Unclassified Microbacteriaceae Family

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



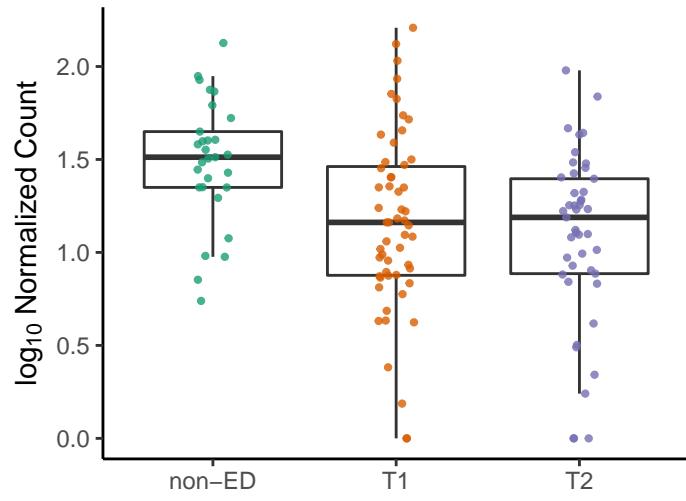
### *Stenotrophomonas maltophilia*

non-ED vs. T1 adjusted p = 0.0051  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.93



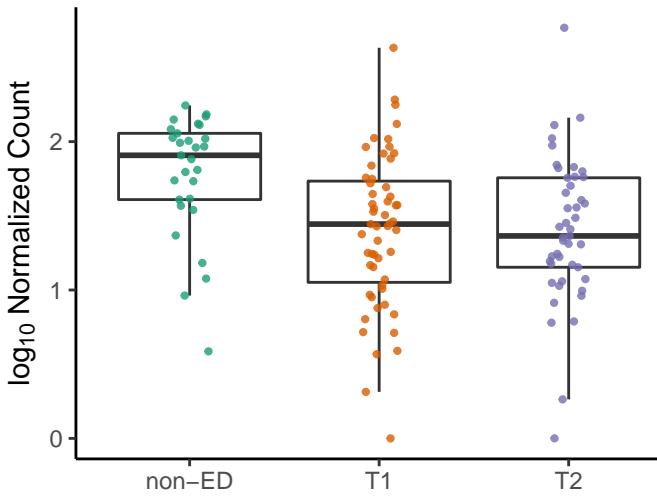
### *Methanococcus aeolicus*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.97



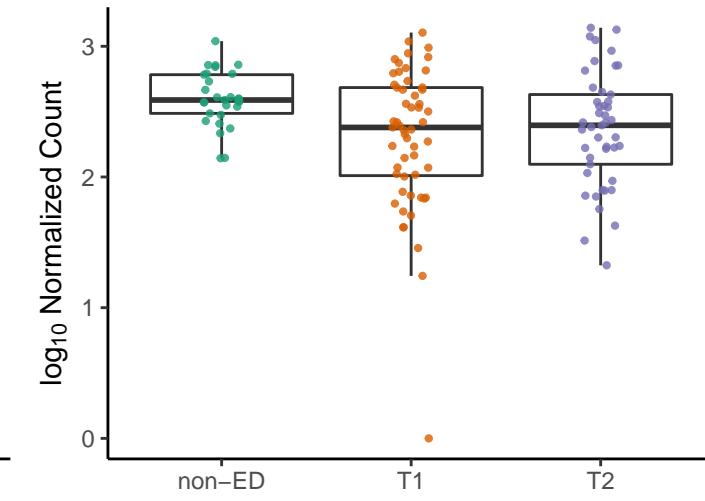
### *Campylobacter hominis*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.0072  
 T1 vs. T2 adjusted p = 0.98



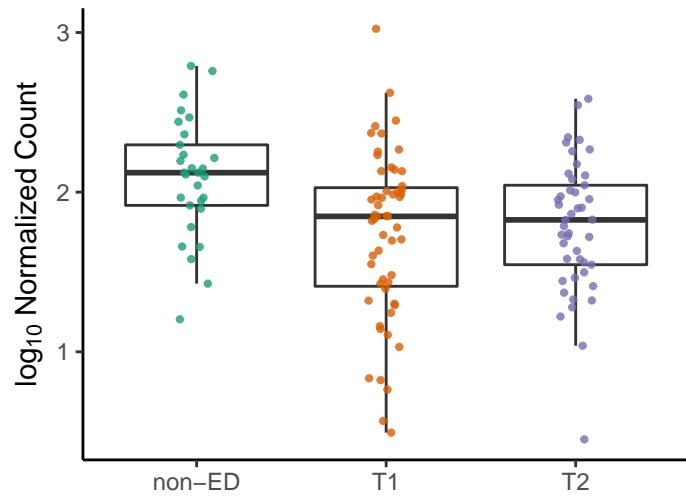
### Unclassified Sphingomonadales Order

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



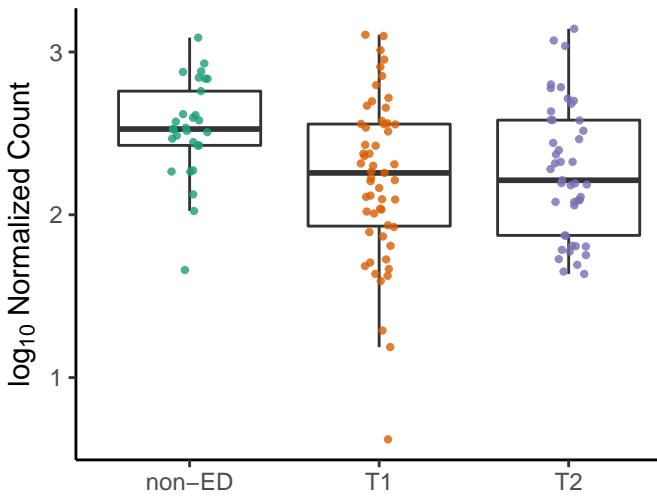
### *Paracoccus denitrificans*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



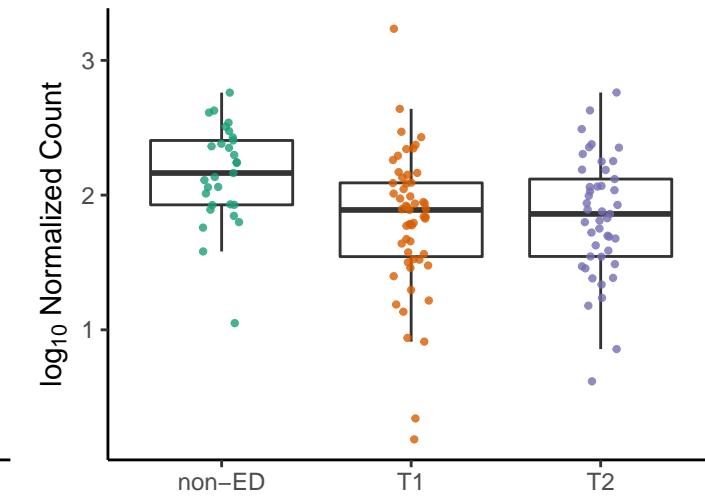
### *Opitutaceae bacterium TAV5*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.86



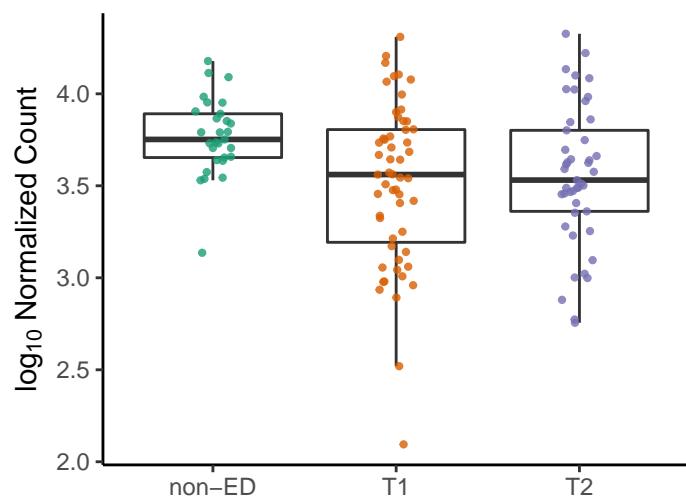
### *Pseudomonas* sp. S-6-2

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.86



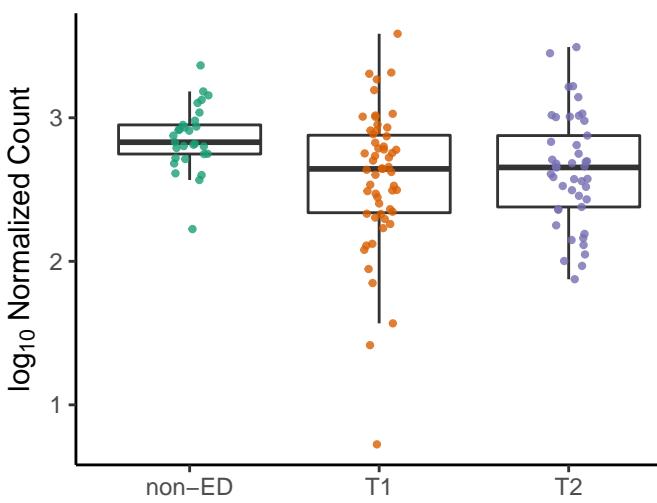
### Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



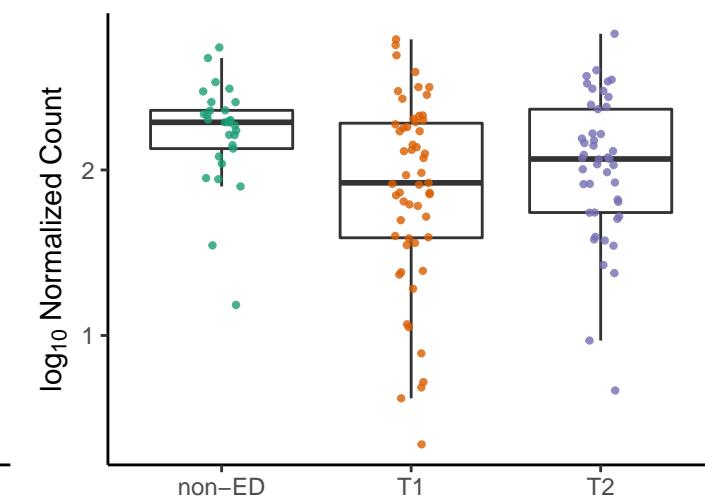
### Unclassified Xanthomonas Genus

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



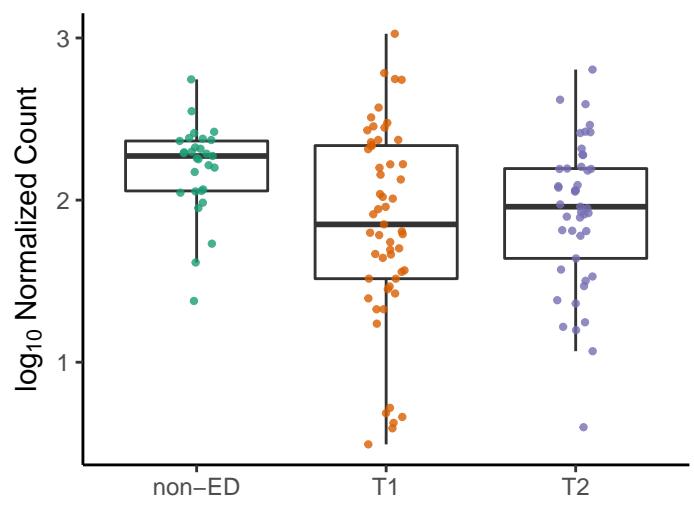
### *Laribacter hongkongensis*

non-ED vs. T1 adjusted p = 0.0052  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



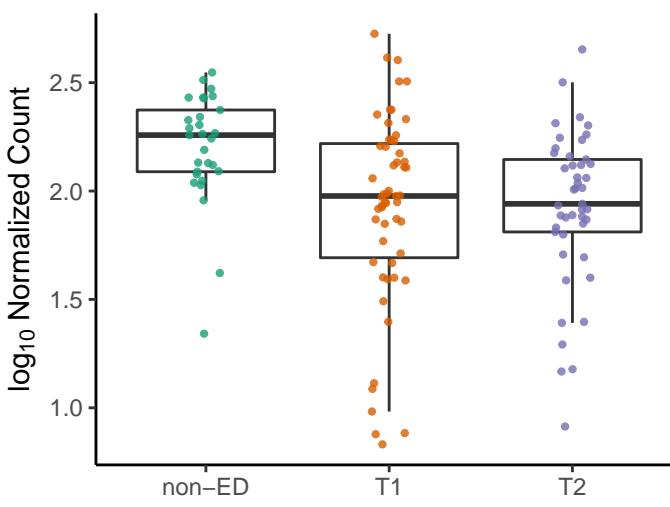
### Bordetella genomosp. 13

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



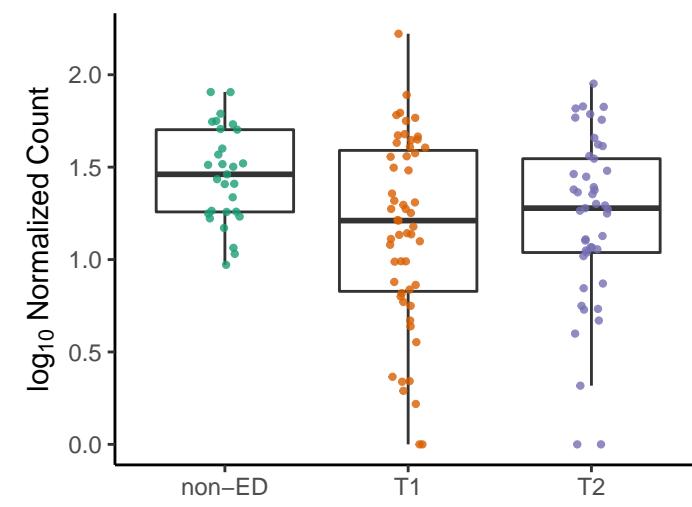
### Herbaspirillum hiltneri

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.91



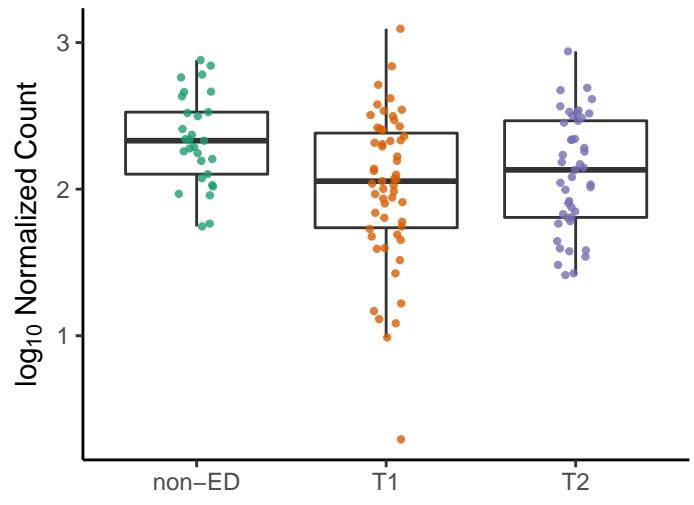
### Methylovorus sp. MP688

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.91



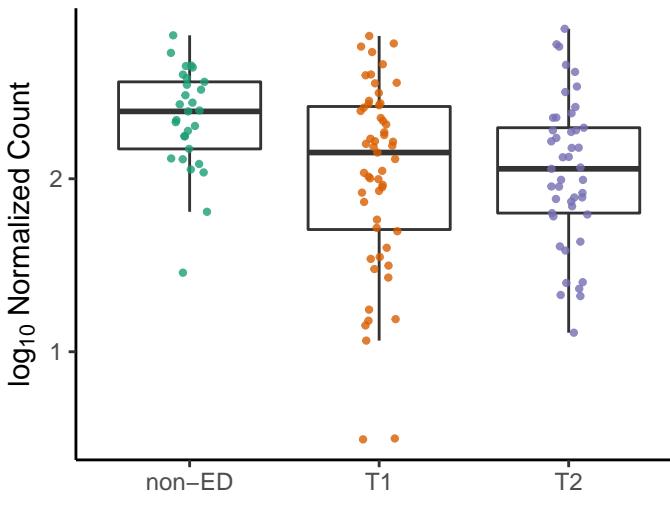
### Ruania sp. HY168

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85



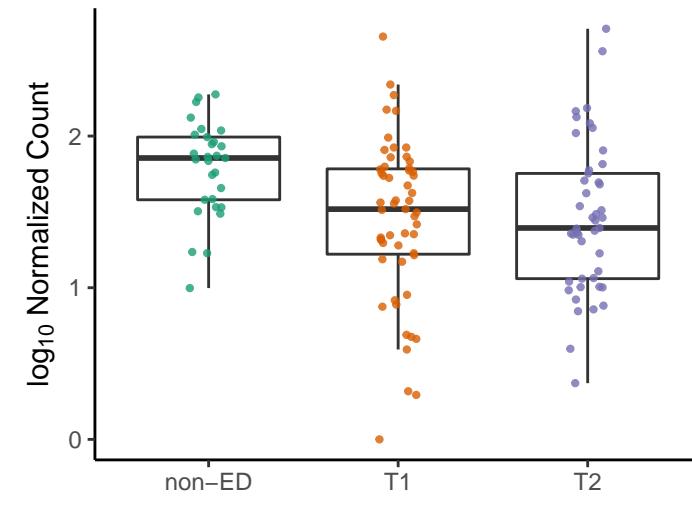
### Unclassified Komagataeibacter Genus

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.86



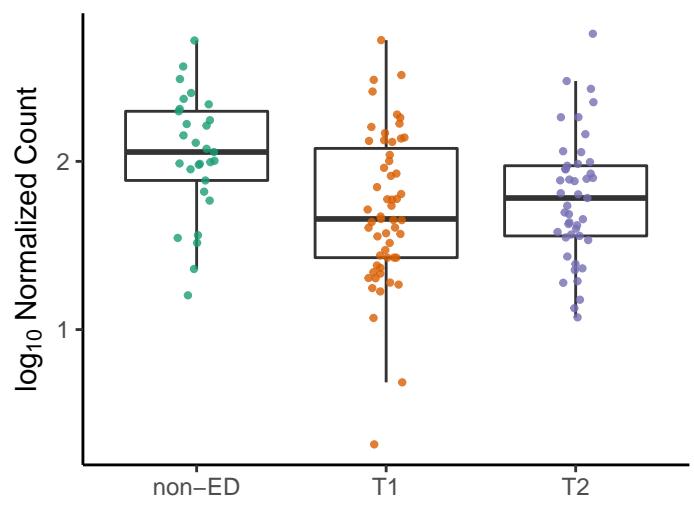
### Pseudomonas alkylphenolica

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.97



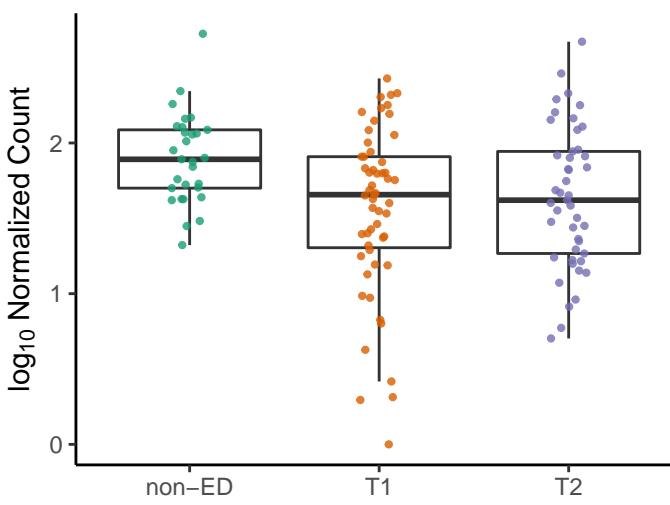
### Unclassified Alcaligenes Genus

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



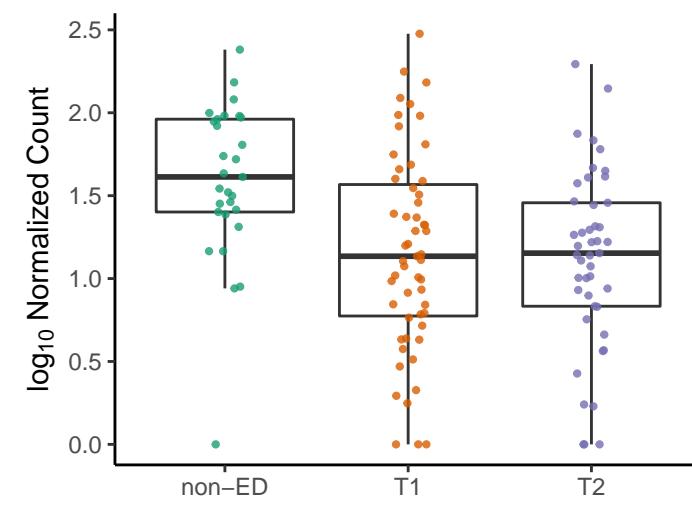
### Acetobacter sp. KACC 21233

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



### Anabaena sp. WA102

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0038  
T1 vs. T2 adjusted p = 0.92

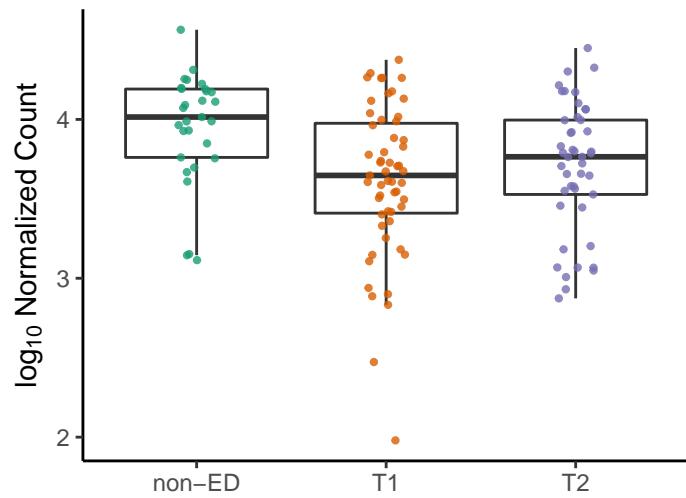


### *Ruminococcus champanellensis*

non-ED vs. T1 adjusted p = 0.0053

non-ED vs. T2 adjusted p = 0.026

T1 vs. T2 adjusted p = 0.85

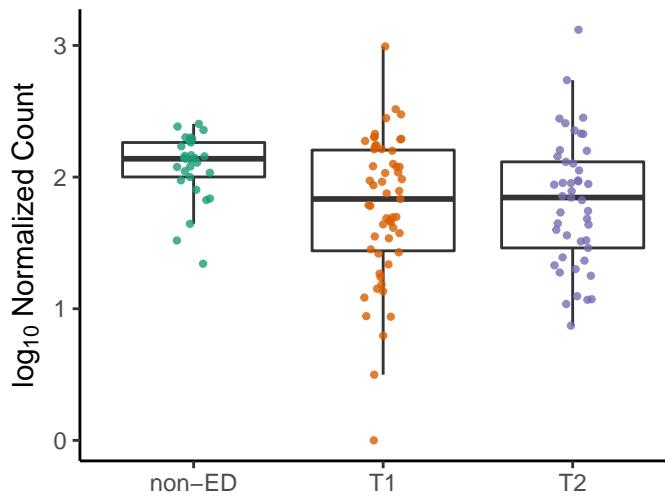


### *Pelagibacterium halotolerans*

non-ED vs. T1 adjusted p = 0.0053

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.9

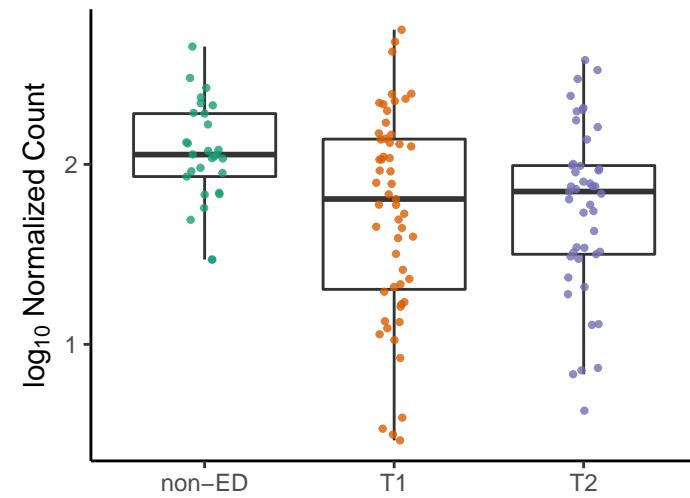


### *Streptomyces* sp. SM18

non-ED vs. T1 adjusted p = 0.0053

non-ED vs. T2 adjusted p = 0.0077

T1 vs. T2 adjusted p = 0.9

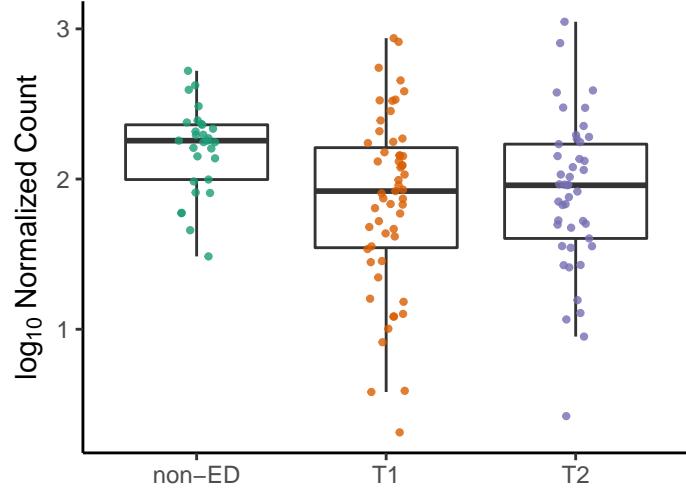


### *Rubrobacter* sp. SCSIO 52915

non-ED vs. T1 adjusted p = 0.0053

non-ED vs. T2 adjusted p = 0.012

T1 vs. T2 adjusted p = 0.85

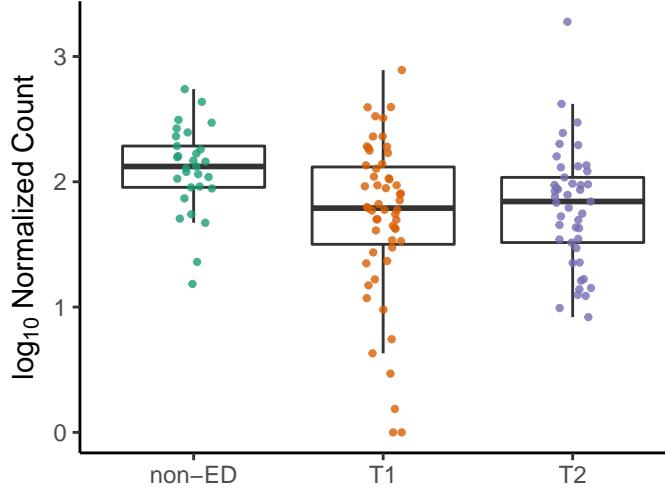


### *Streptomyces viridosporus*

non-ED vs. T1 adjusted p = 0.0053

non-ED vs. T2 adjusted p = 0.012

T1 vs. T2 adjusted p = 0.85

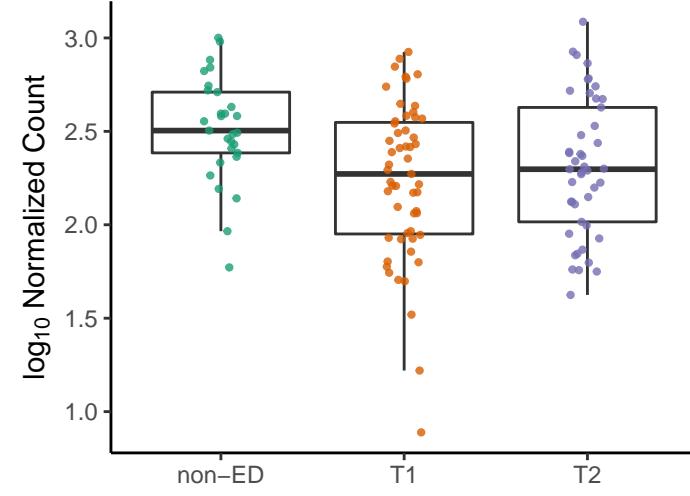


### *Candidatus Solibacter usitatus*

non-ED vs. T1 adjusted p = 0.0054

non-ED vs. T2 adjusted p = 0.027

T1 vs. T2 adjusted p = 0.85

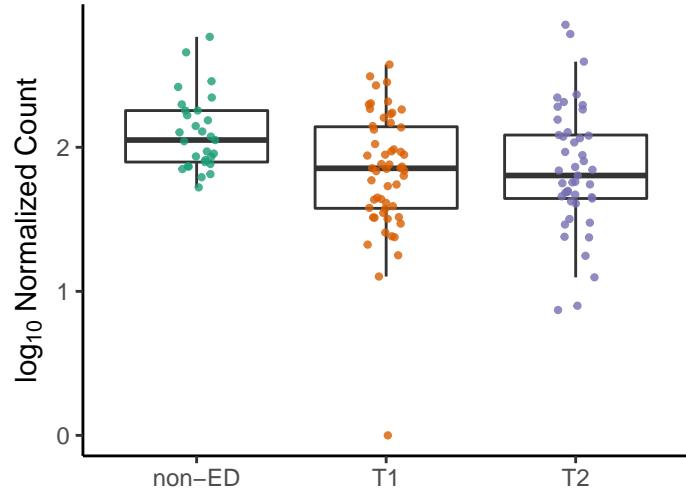


### *Mycolicibacterium frederiksbergense*

non-ED vs. T1 adjusted p = 0.0054

non-ED vs. T2 adjusted p = 0.015

T1 vs. T2 adjusted p = 0.91

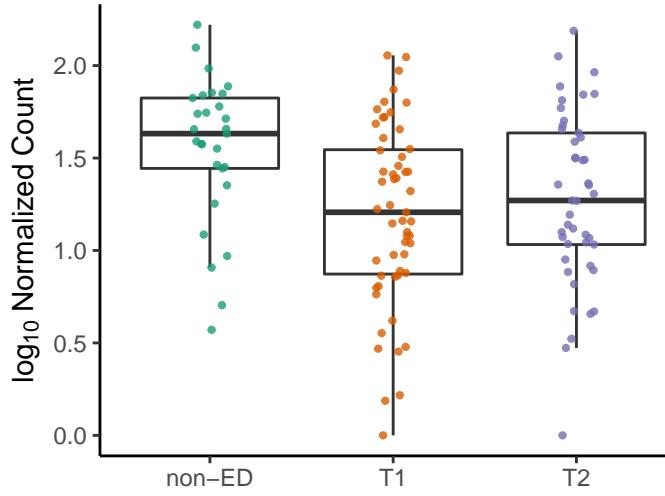


### *Bartonella vinsonii*

non-ED vs. T1 adjusted p = 0.0054

non-ED vs. T2 adjusted p = 0.027

T1 vs. T2 adjusted p = 0.85

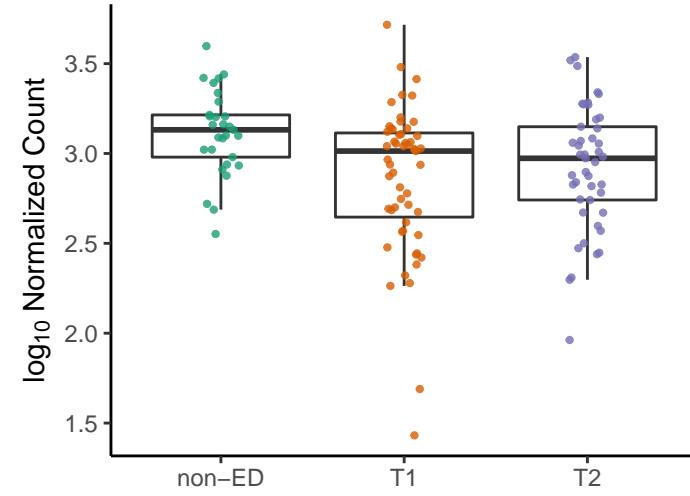


### *Acidaminococcus fermentans*

non-ED vs. T1 adjusted p = 0.0054

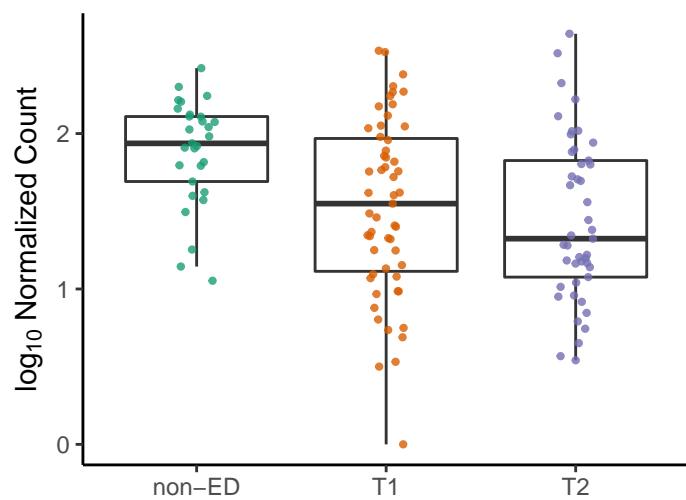
non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.85



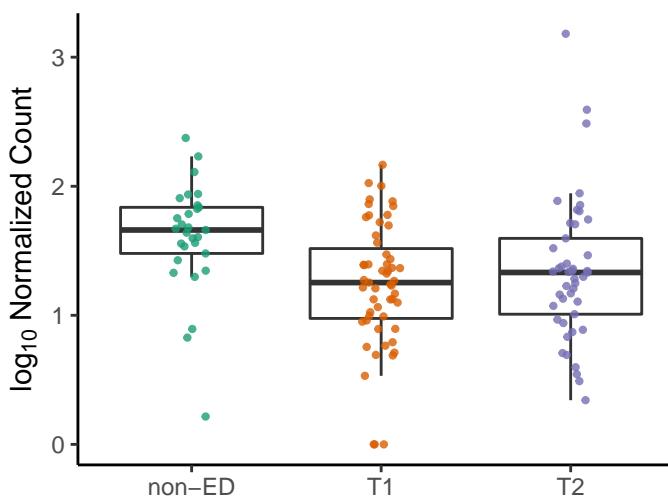
### *Arcobacter ellisii*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.85



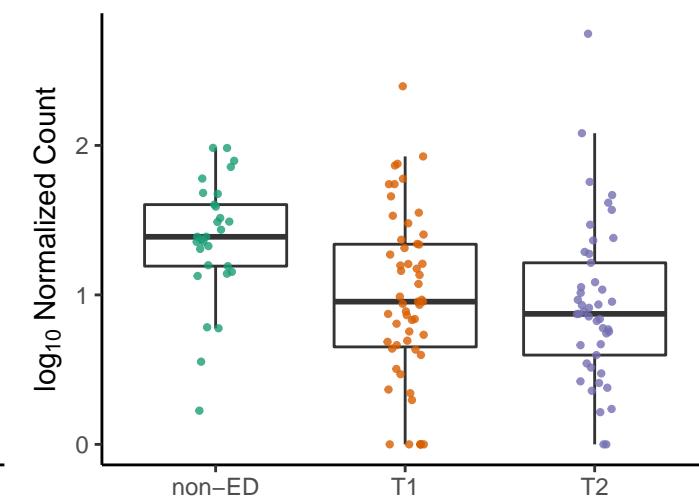
### *Helicobacter cinaedi*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



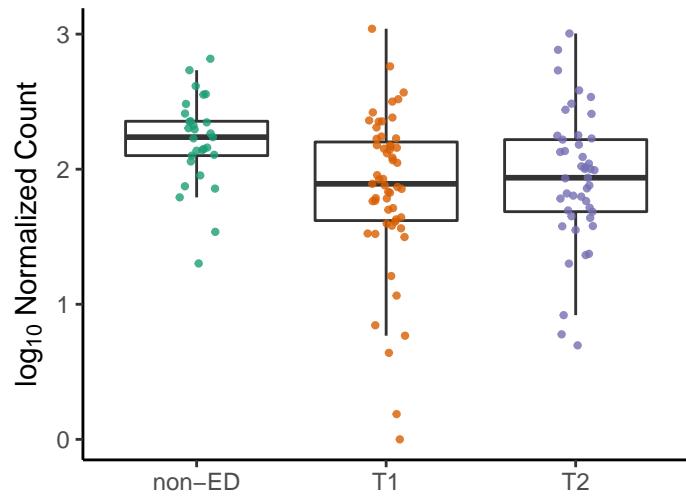
### *Mycoplasma ovipneumoniae*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.0041  
 T1 vs. T2 adjusted p = 0.87



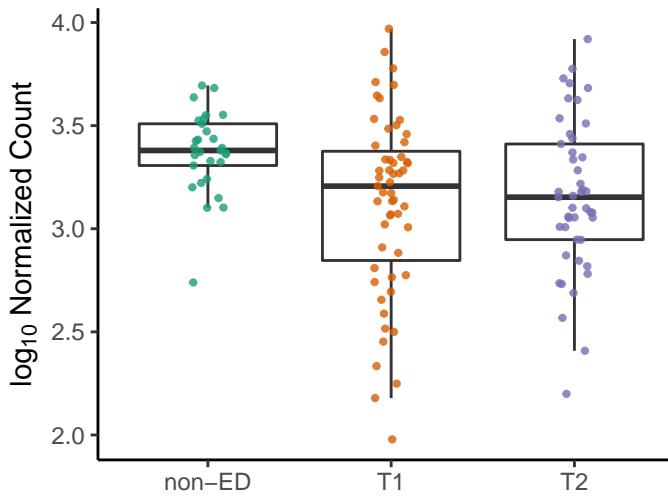
### *Paucibacter sp. KCTC 42545*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



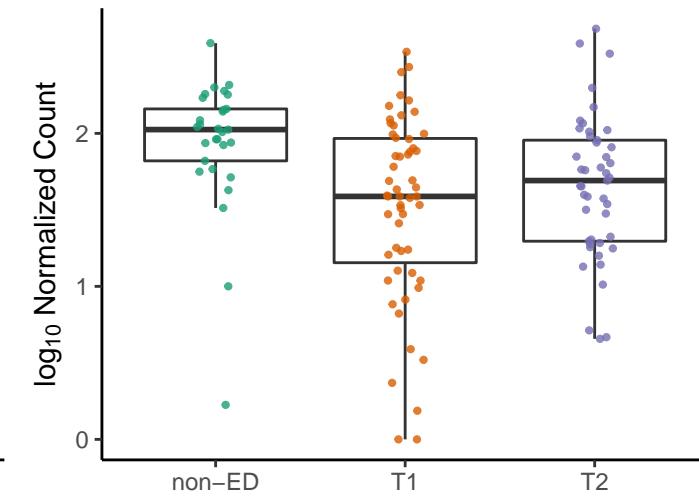
### Unclassified Burkholderiales Order

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



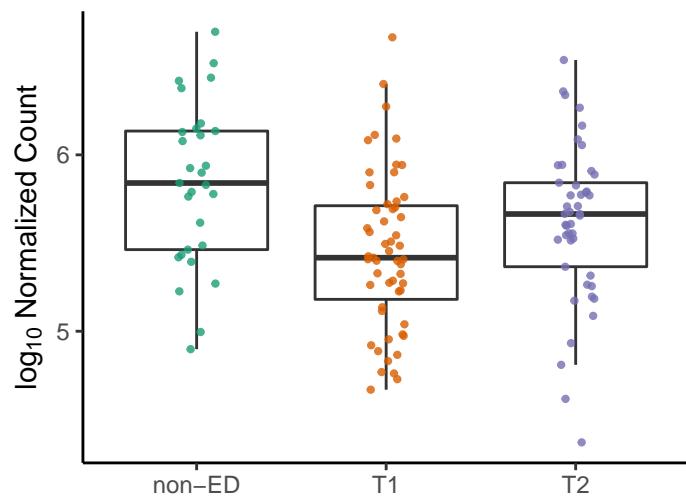
### Unclassified Chlorobiaceae Family

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



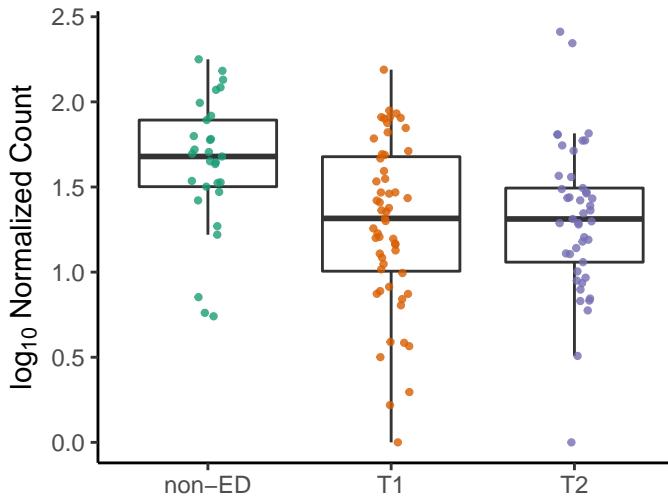
### Unclassified Lachnospiraceae Family

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.85



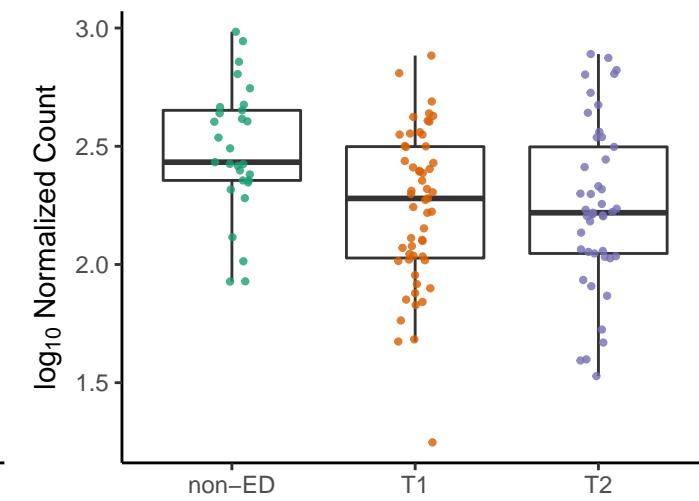
### Unclassified Oceanobacillus Genus

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.96



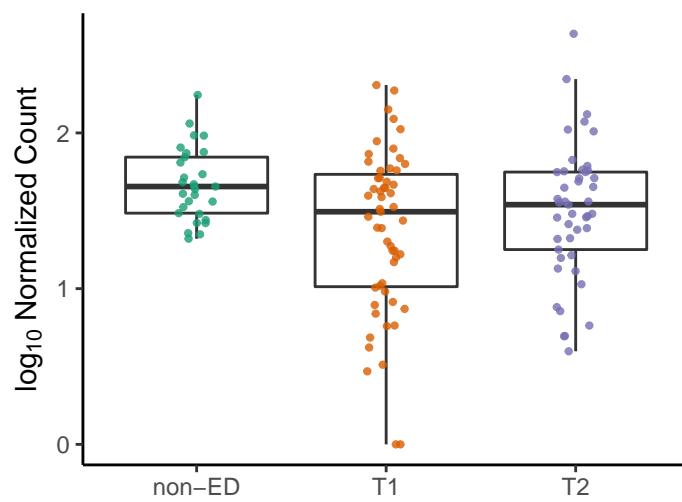
### Unclassified Yersinia Genus

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.87



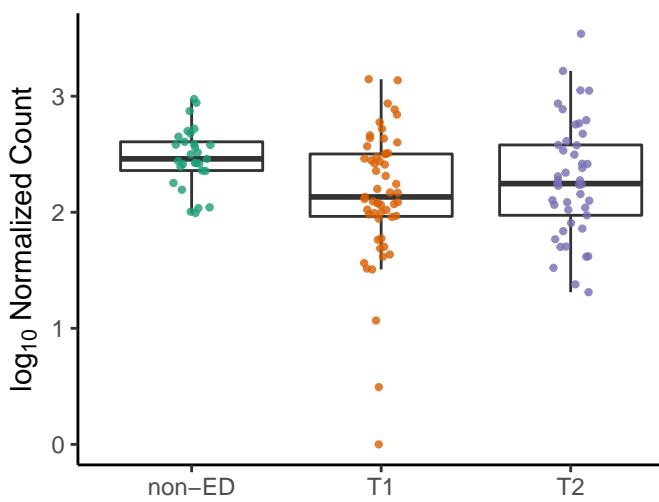
### *Altererythrobacter* sp. ZODW24

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



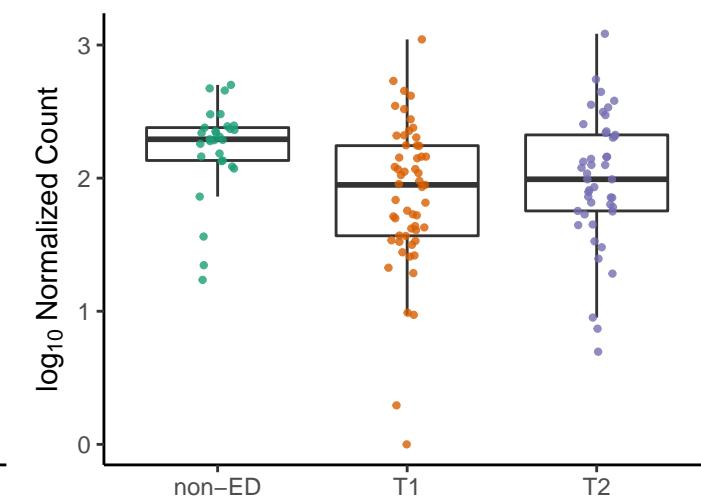
### *Catenulispora acidiphila*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.85



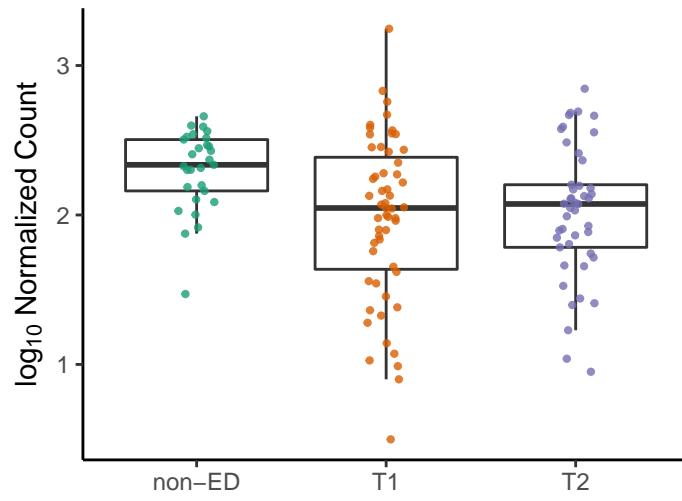
### *Hylemonella gracilis*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



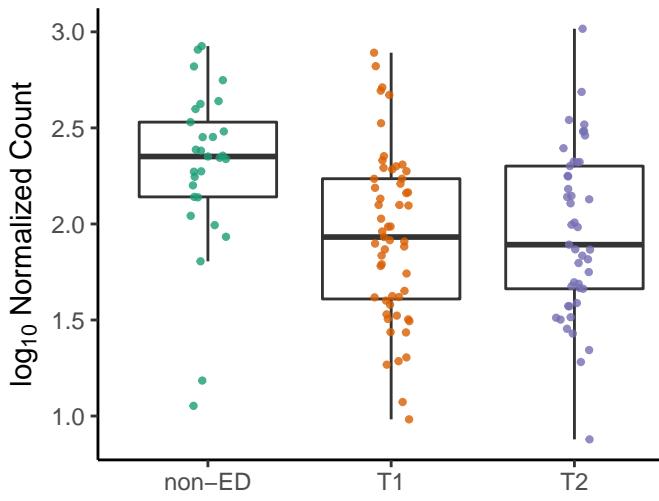
### *Mitsuaria* sp. 7

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.86



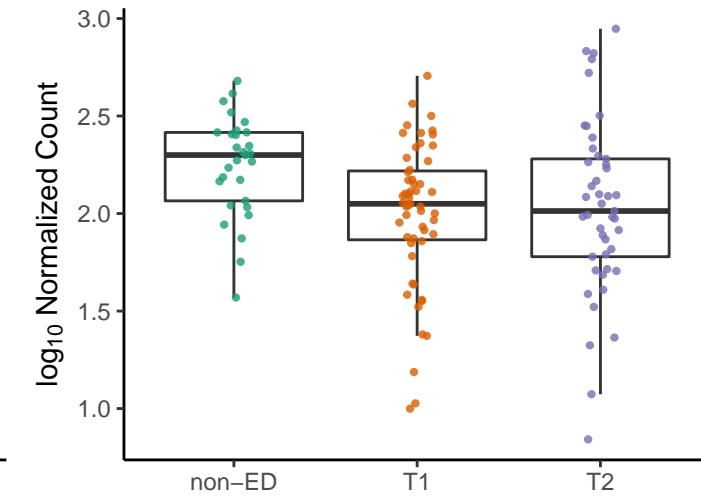
### Unclassified Campylobacteraceae Fam

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.91



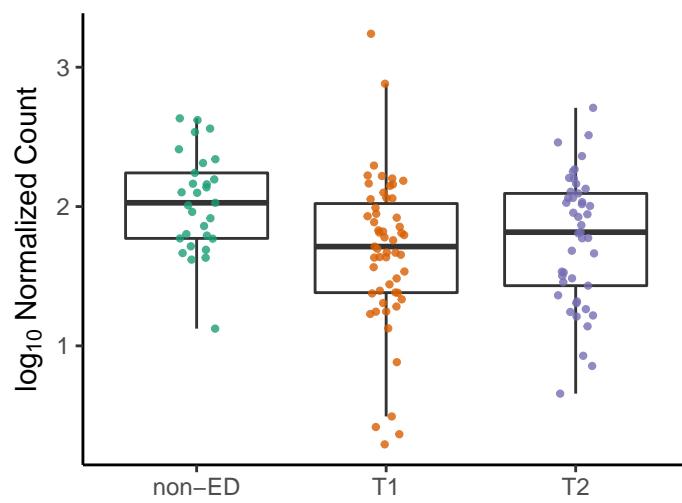
### *Rhizobium rhizoryzae*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.91



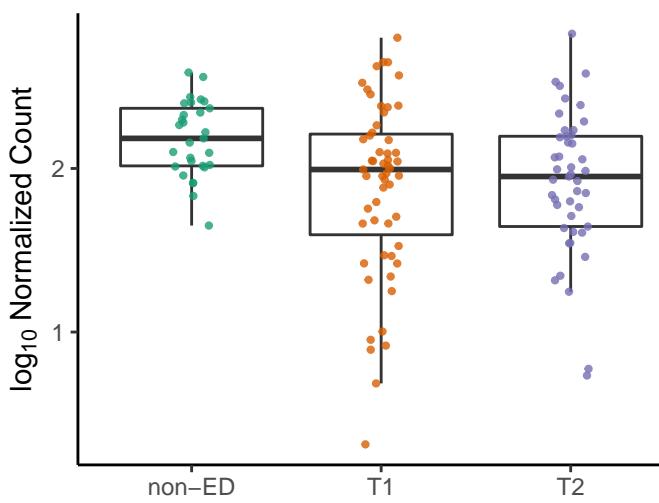
### *Rhodococcus* sp. ABRD24

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



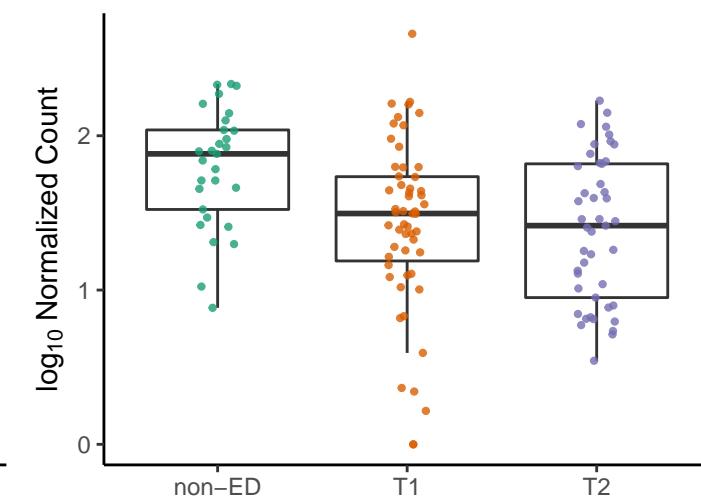
### *Lysobacter antibioticus*

non-ED vs. T1 adjusted p = 0.0054  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.85



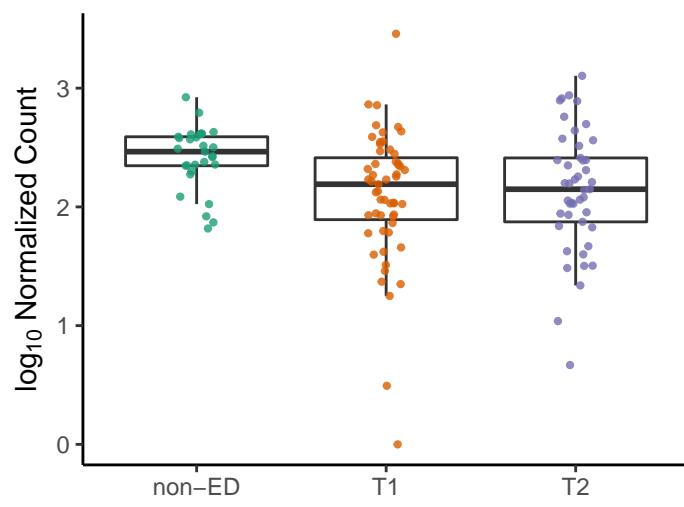
### *Gordonia* sp. HY186

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.98



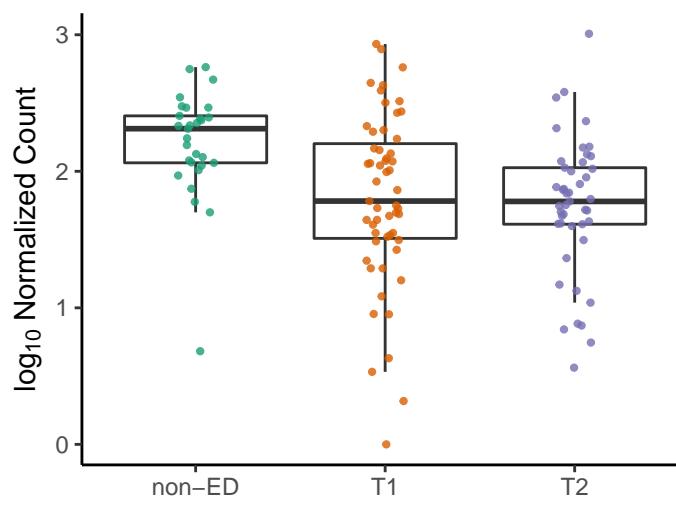
### *Actinoplanes missouriensis*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



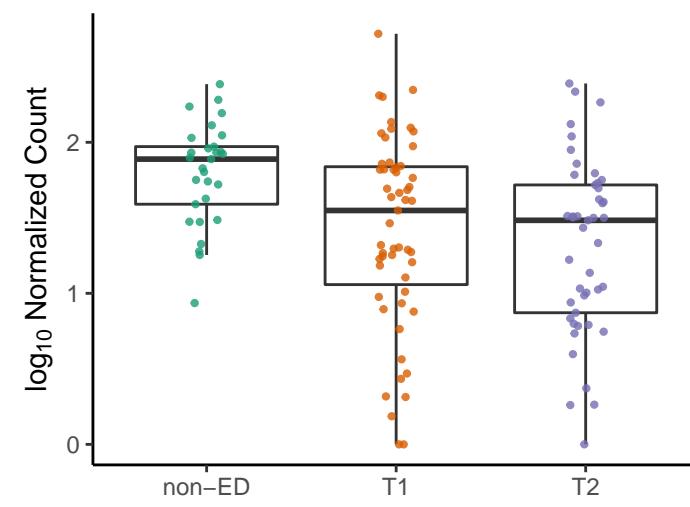
### *Dyella japonica*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.93



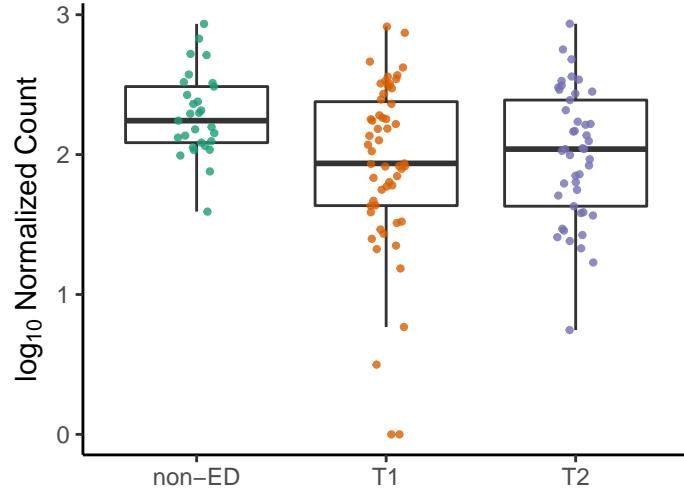
### *Mesorhizobium* sp. M2A.F.Ca.ET.043.05

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.85



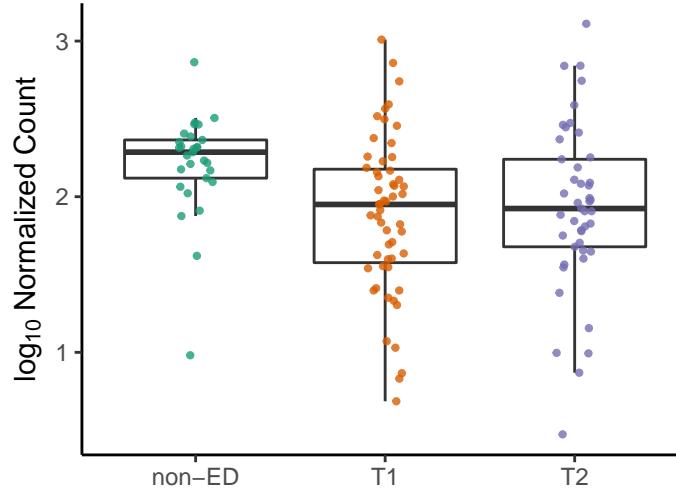
### *Nocardiopsis* gilva

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



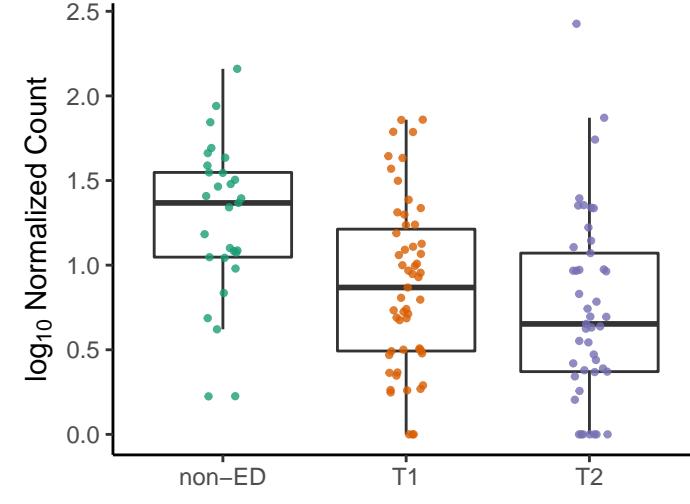
### *Arthrobacter dokdonellae*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.86



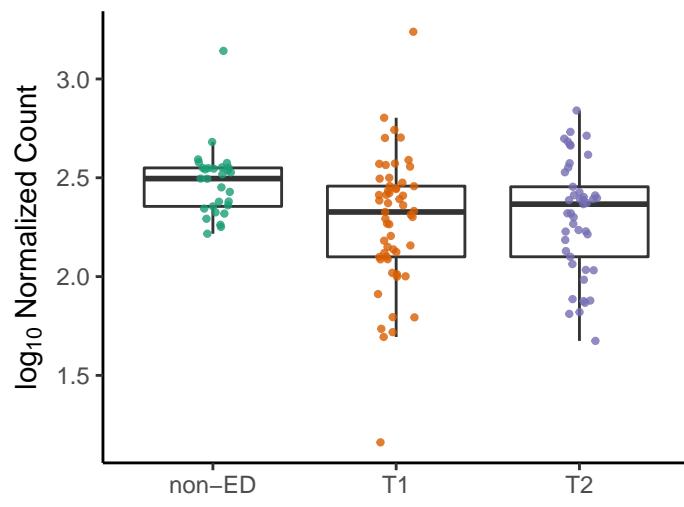
### *Dolichospermum compactum*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.85



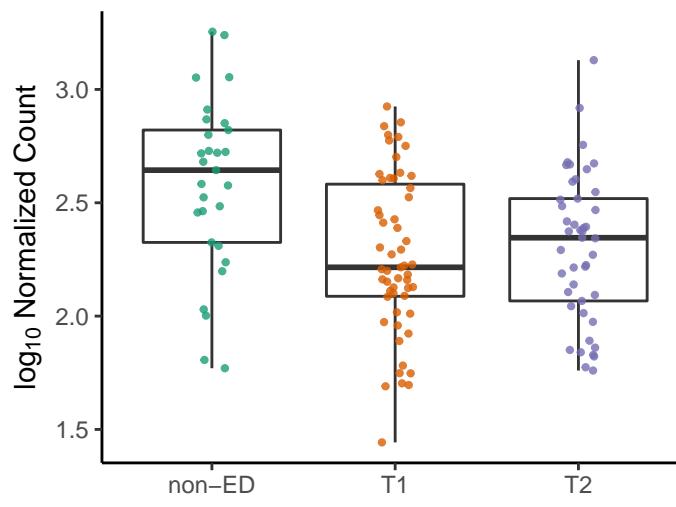
### *Paenibacillus albus*

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



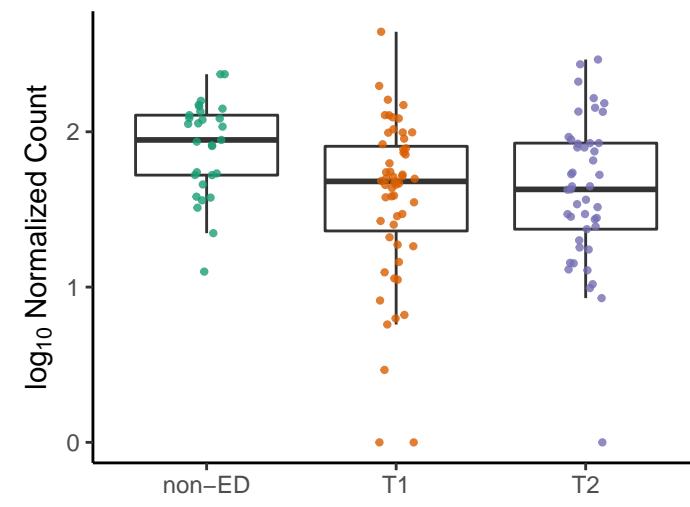
### Unclassified Negativicutes Class

non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85

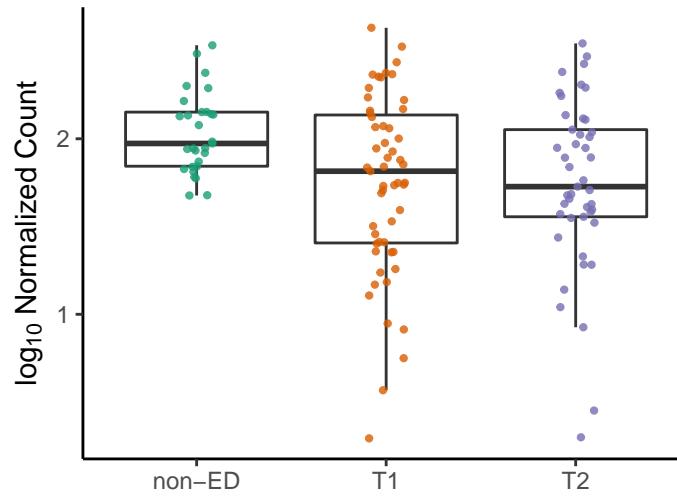


### *Pseudomonas* sp. CMR5c

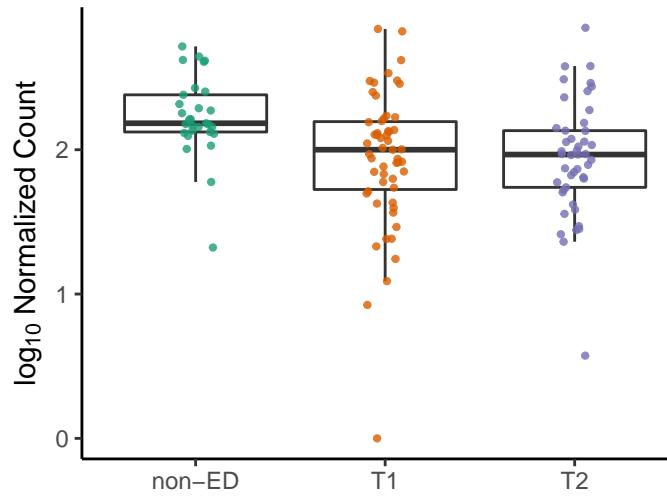
non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



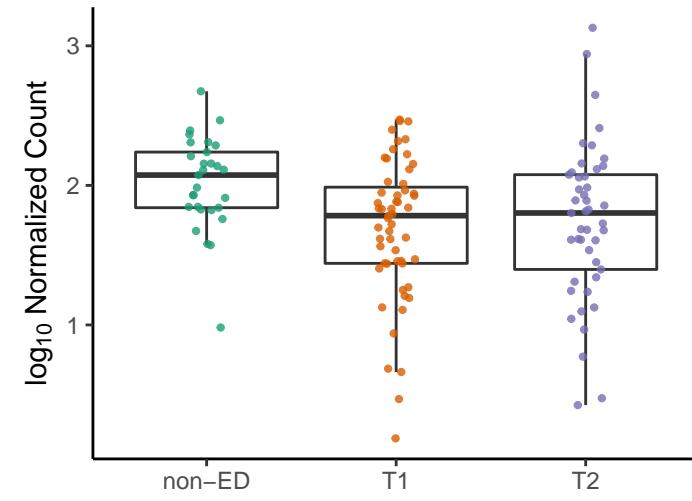
*Sinimarinibacterium* sp. NLF-5-8  
 non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.93



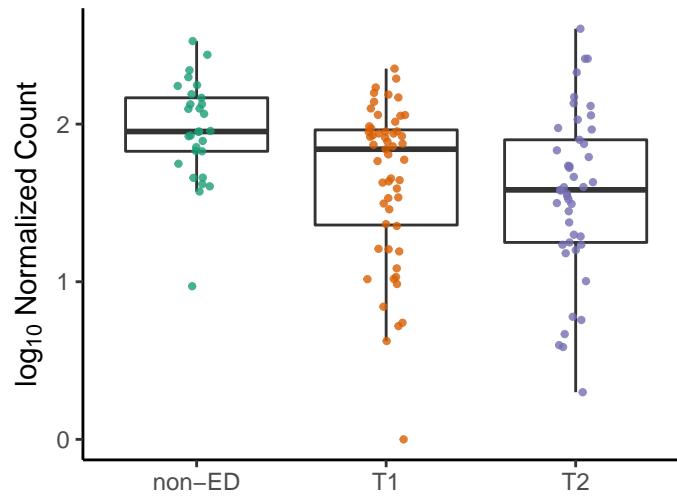
*Cupriavidus basilensis*  
 non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.91



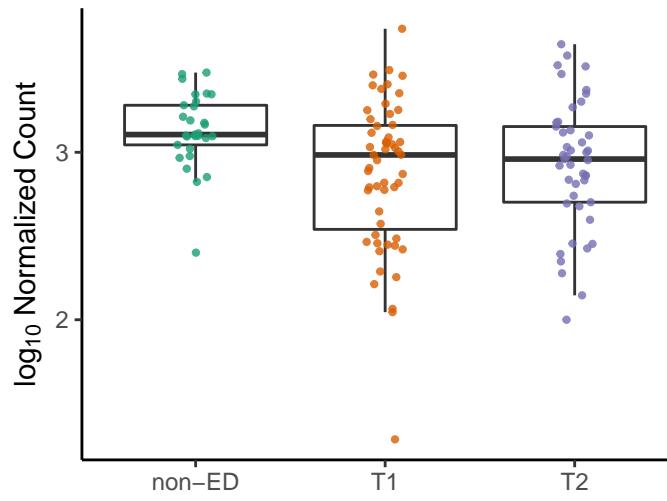
*Roseivivax* sp. THAF30  
 non-ED vs. T1 adjusted p = 0.0055  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.87



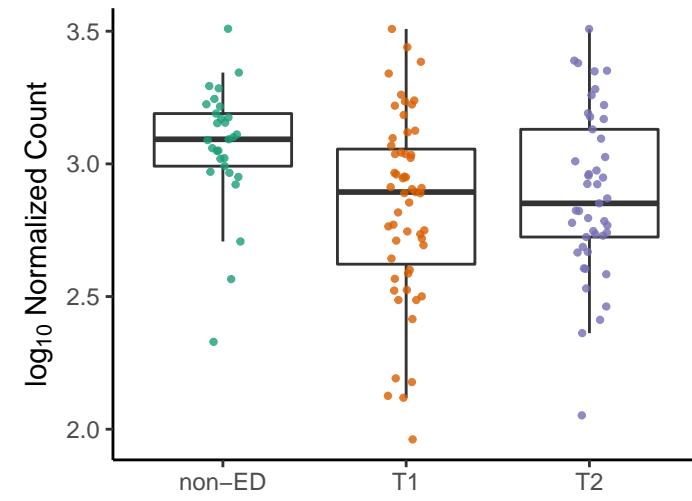
*Sphingorhabdus* sp. M41  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0032  
 T1 vs. T2 adjusted p = 0.86



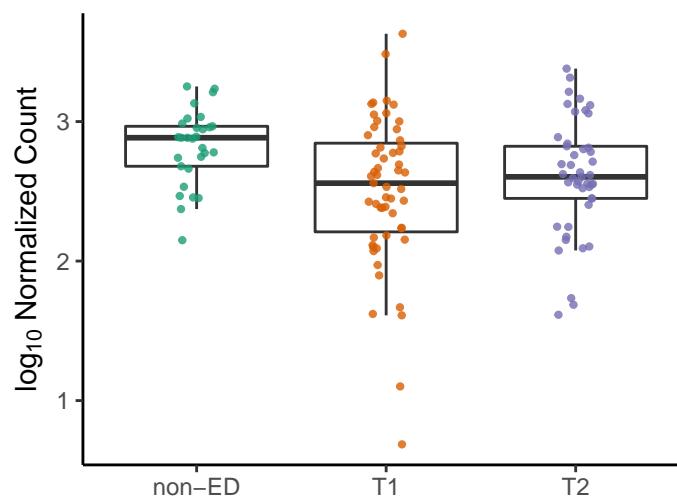
Unclassified Bradyrhizobium Genus  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



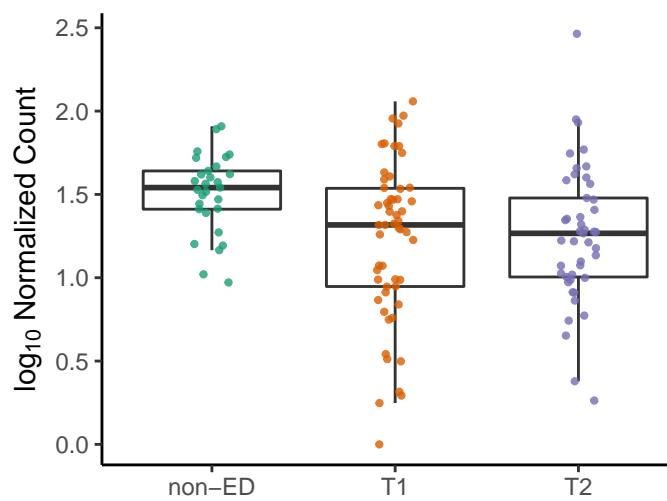
*Selenomonas ruminantium*  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



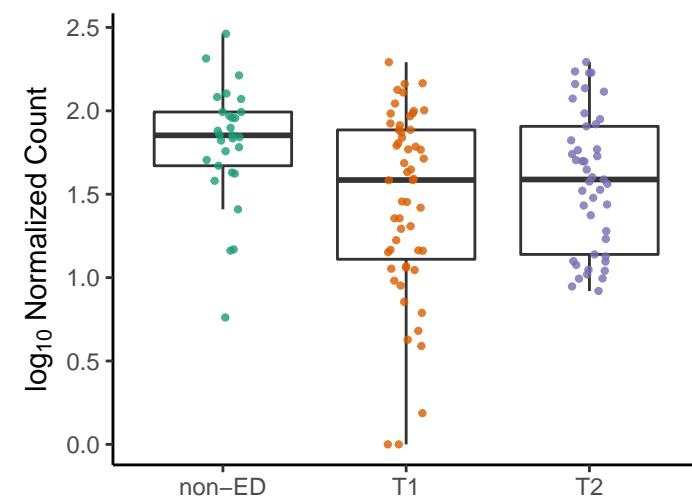
Unclassified Micromonospora Genus  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



*Acinetobacter gyllenbergsii*  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 1

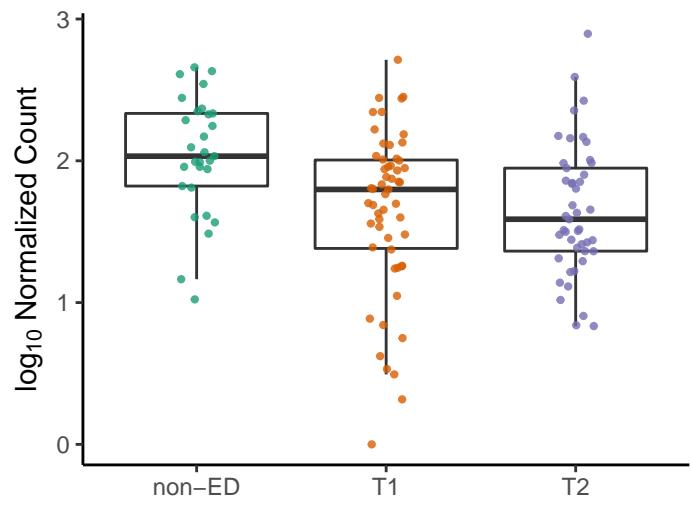


*Corynebacterium geronticis*  
 non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



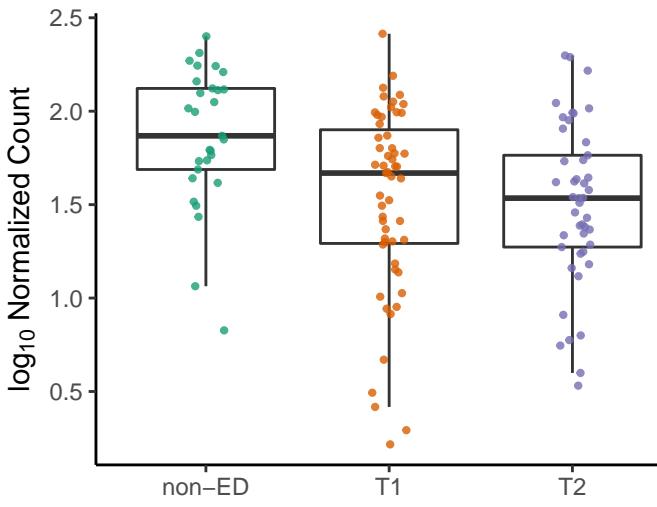
### *Gallaecimonas mangrovi*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0056  
 T1 vs. T2 adjusted p = 0.98



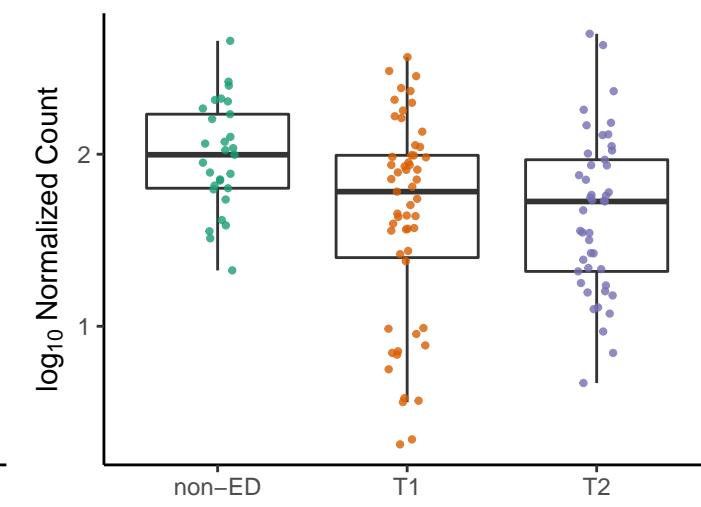
### *Paraoerskovia marina*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.98



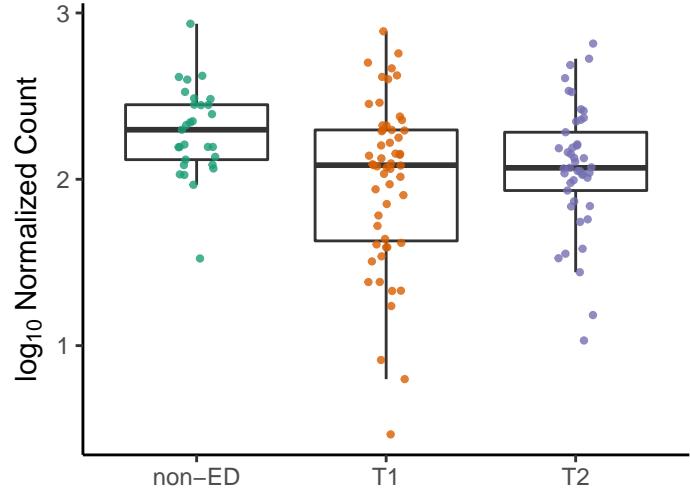
### *Streptomyces* sp. 769

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.92



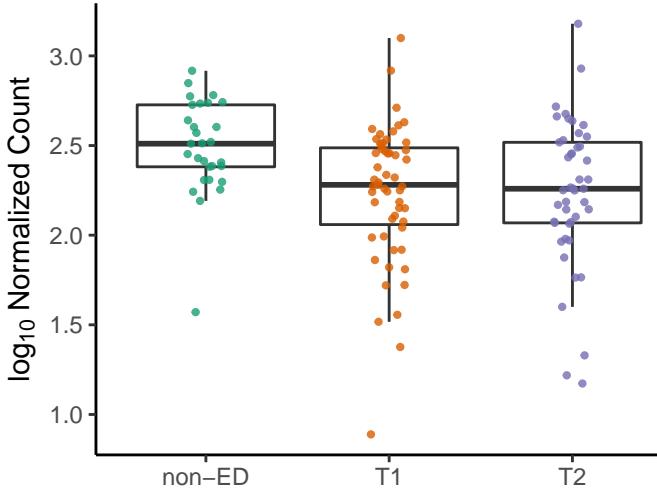
### *Acidipropionibacterium jensenii*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



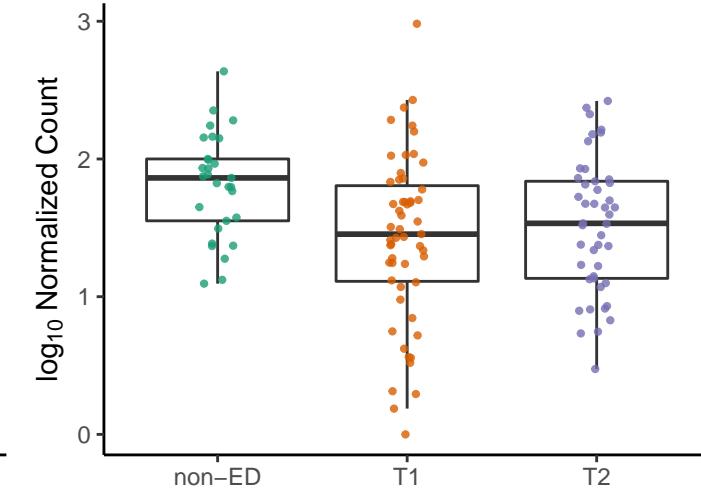
### *Bifidobacterium asteroides*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.86



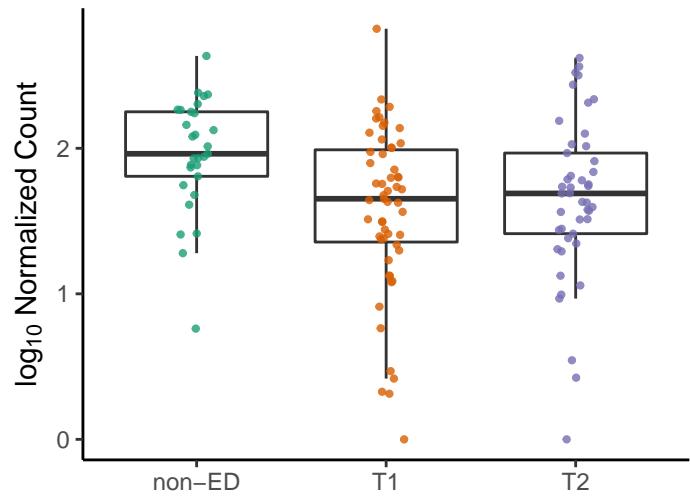
### *Mycolicibacter hiberniae*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



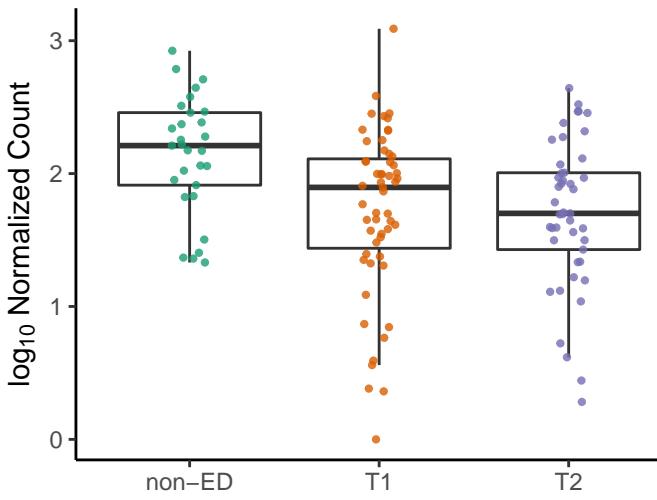
### *Stenotrophomonas* sp. ESTM1D\_MKCIF

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



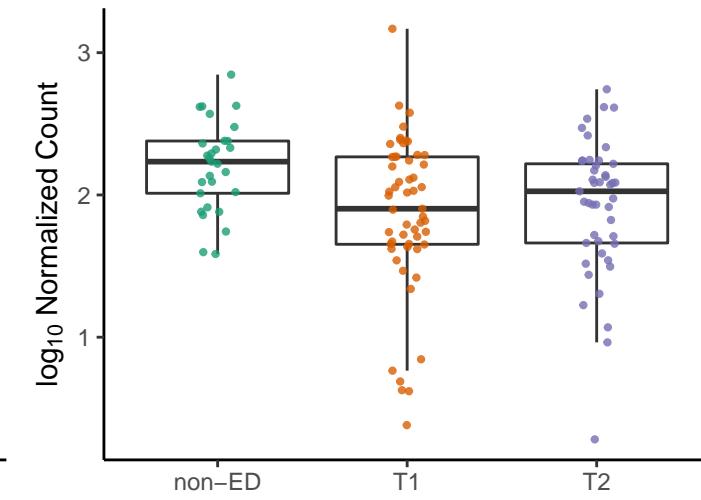
### *Acidovorax* sp. HDW3

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.91



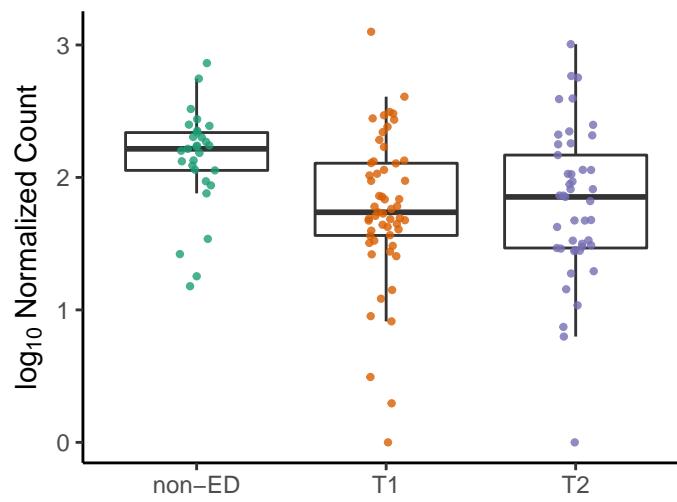
### *Pandorea pnomenusa*

non-ED vs. T1 adjusted p = 0.0056  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



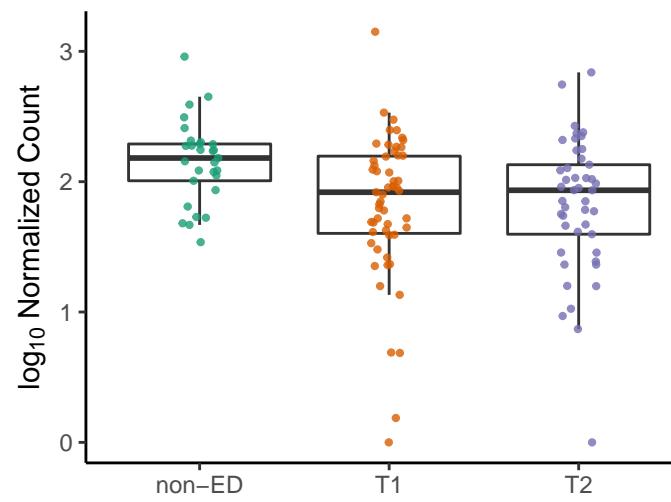
### *Cellulomonas fimi*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



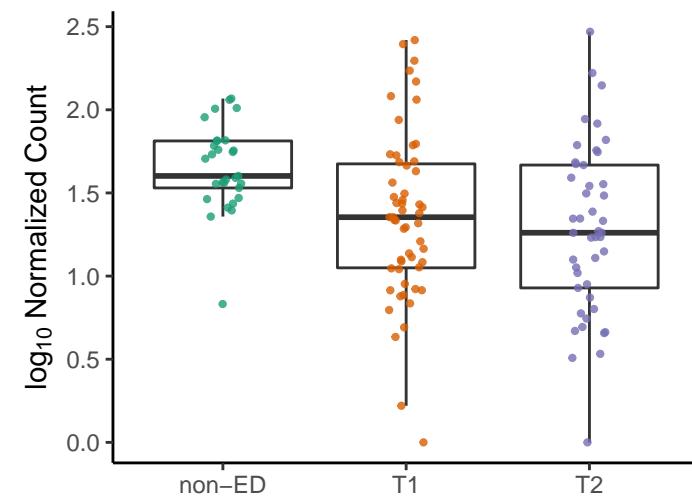
### *Sulfuriferula plumbiphila*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.91



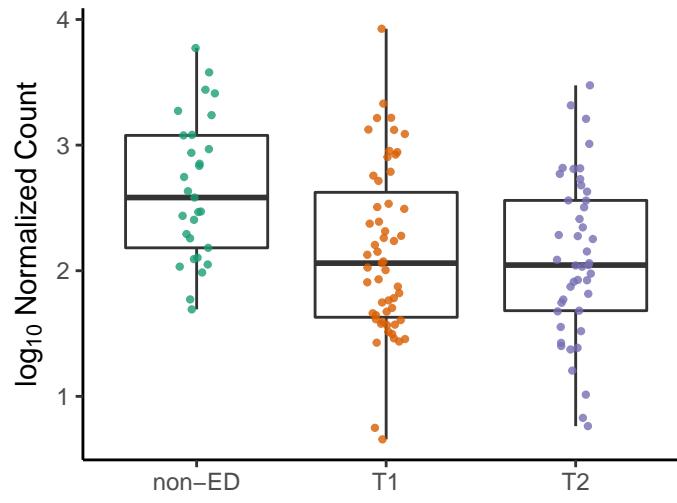
### *Candidatus Endolissoclinum faulkneri*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.85



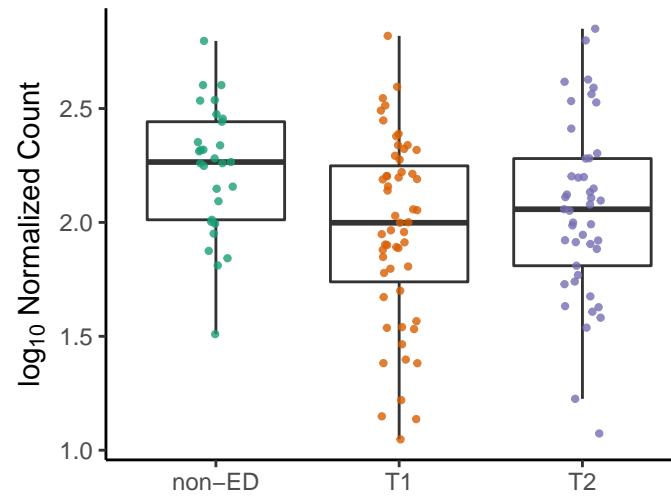
### *Gemella sanguinis*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.9



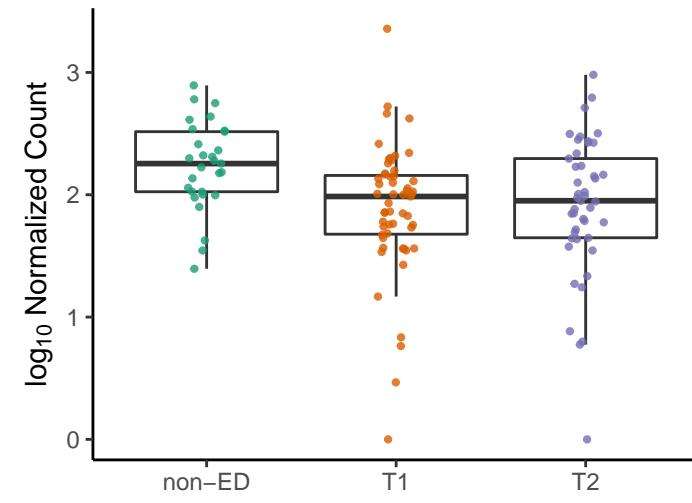
### *Herbaspirillum seropedicae*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



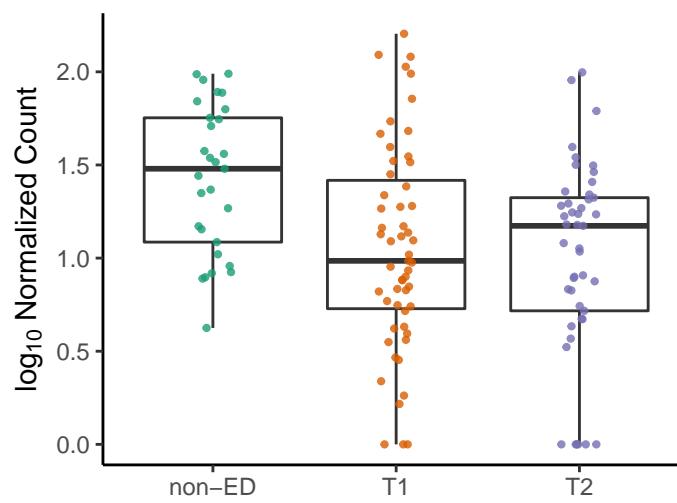
### *Mycolicibacterium duvalii*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



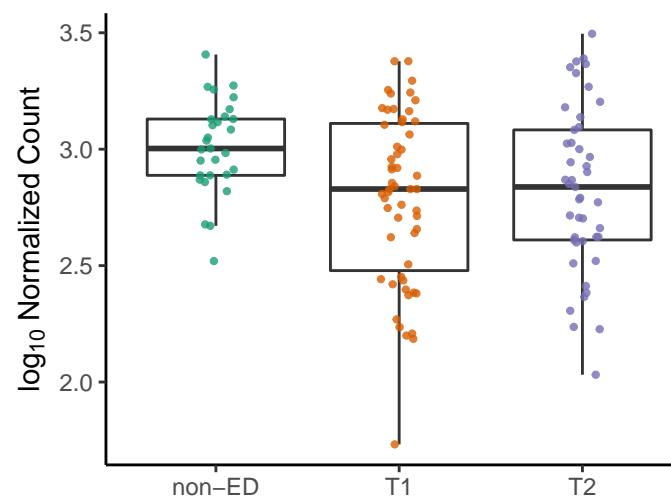
### *Pseudoalteromonas carageenovora*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.85



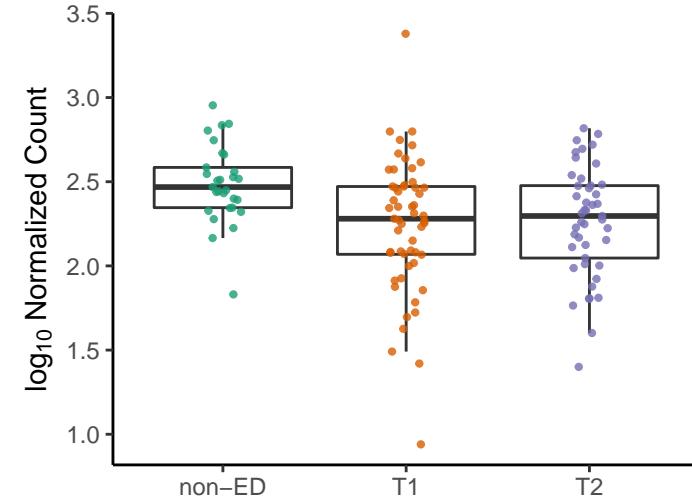
### *Rhizobium leguminosarum*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



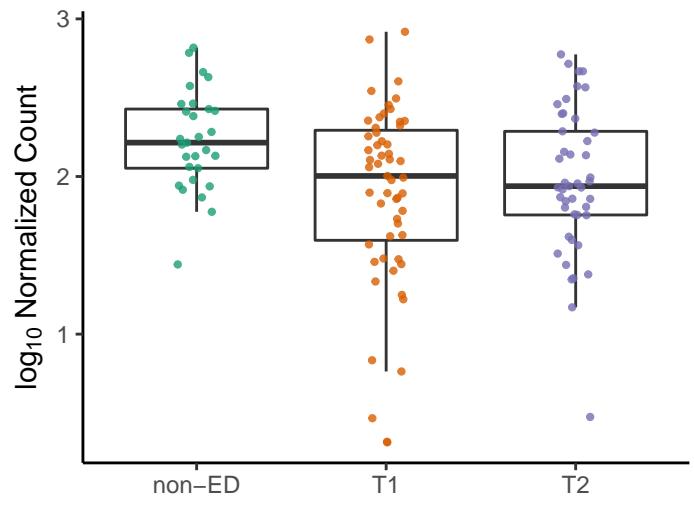
### *Granulibacter bethesdensis*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.85



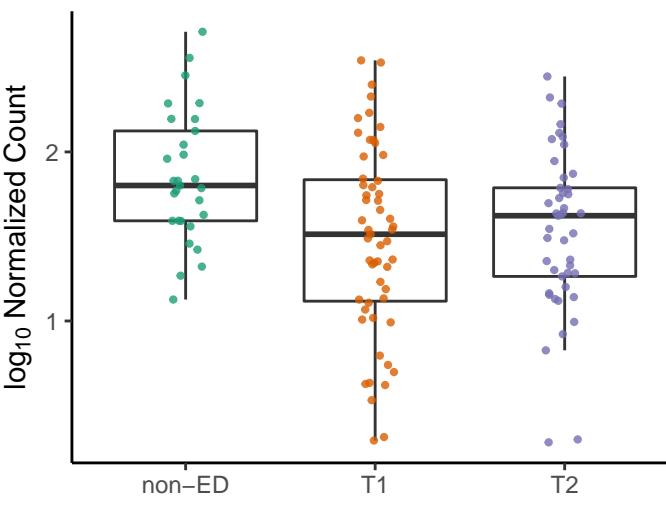
### *Devosia* sp. A16

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



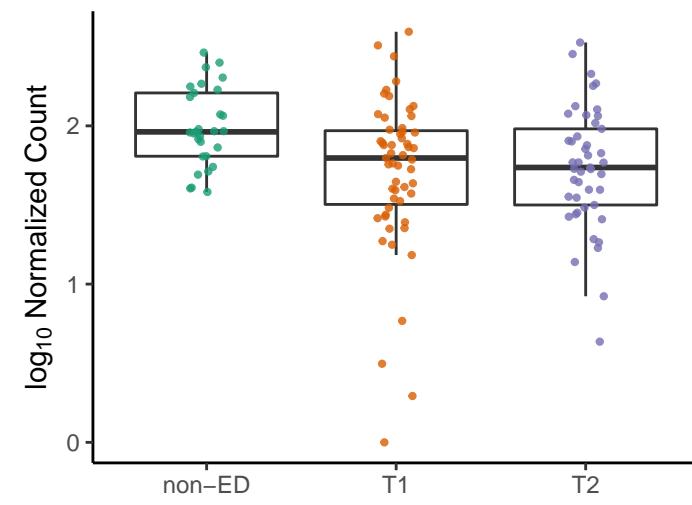
### *Gordonia iterans*

non-ED vs. T1 adjusted p = 0.0057  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.87



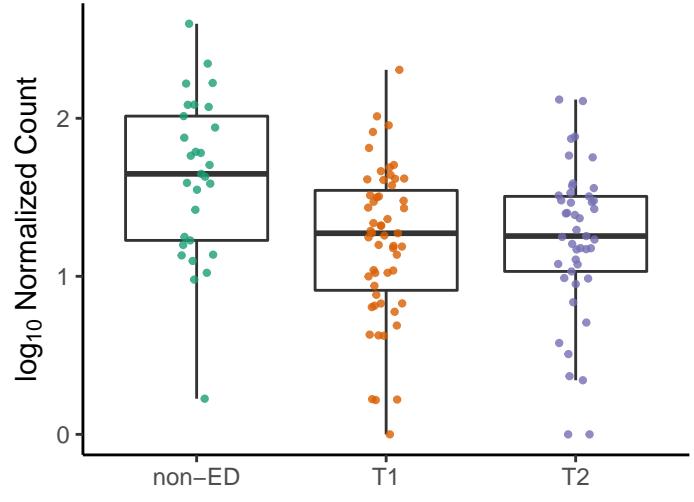
### *Halomonas* sp. BC-M4-5

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.008  
 T1 vs. T2 adjusted p = 0.87



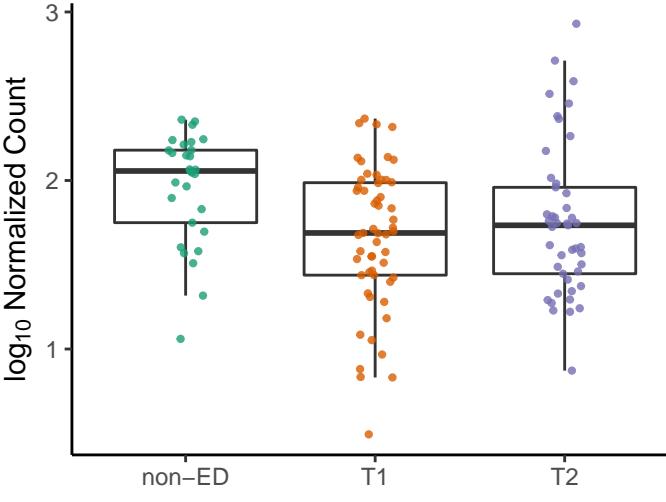
### *Oligella urethralis*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.98



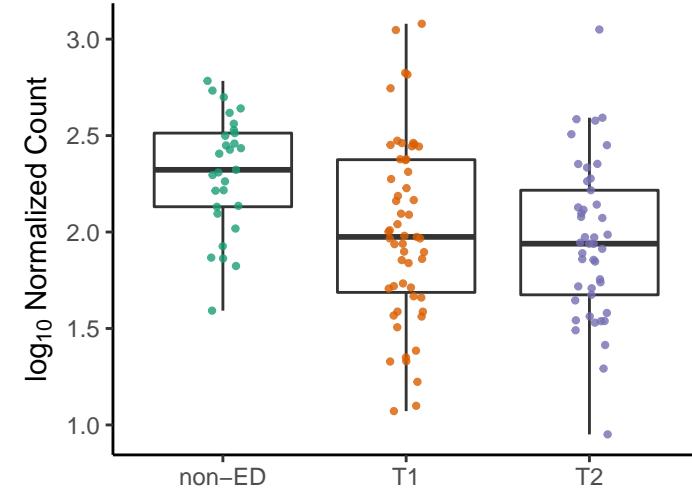
### *Pseudohalocynthiaibacter aestuariivivens*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.85



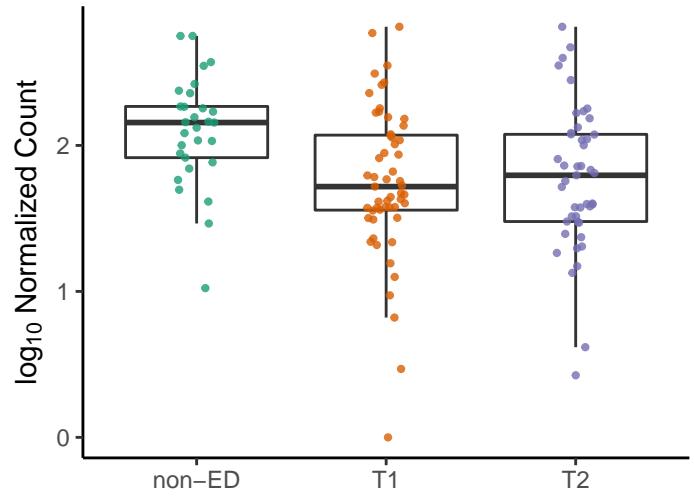
### *Chromobacterium vaccinii*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.95



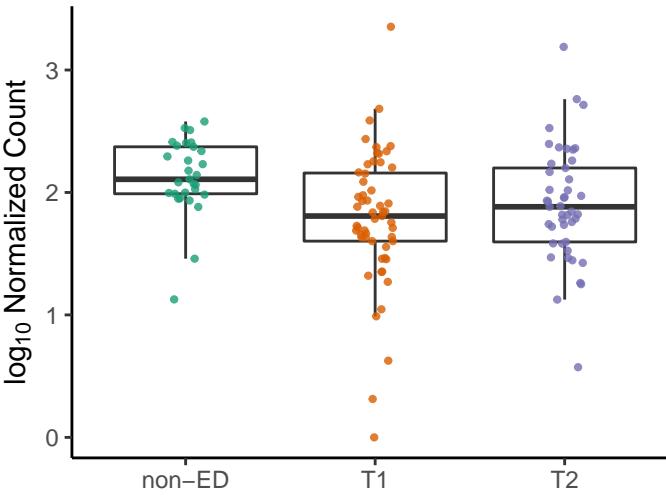
### *Lysobacter gummosus*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



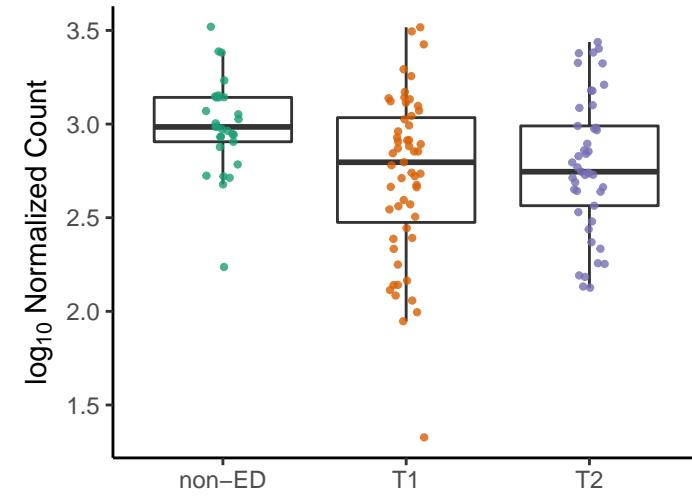
### *Mycobacterium grossiae*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



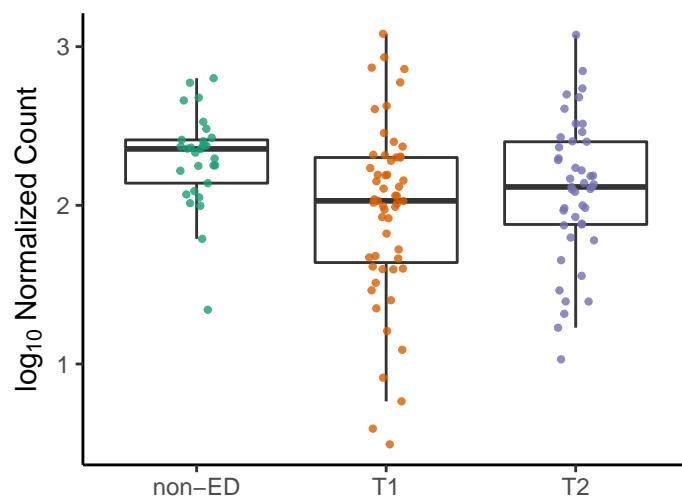
### Unclassified *Stenotrophomonas* Genus

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



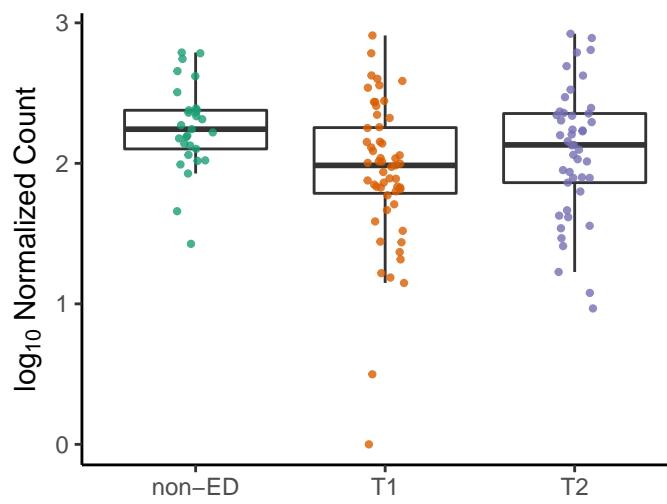
### *Nocardia seriolae*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



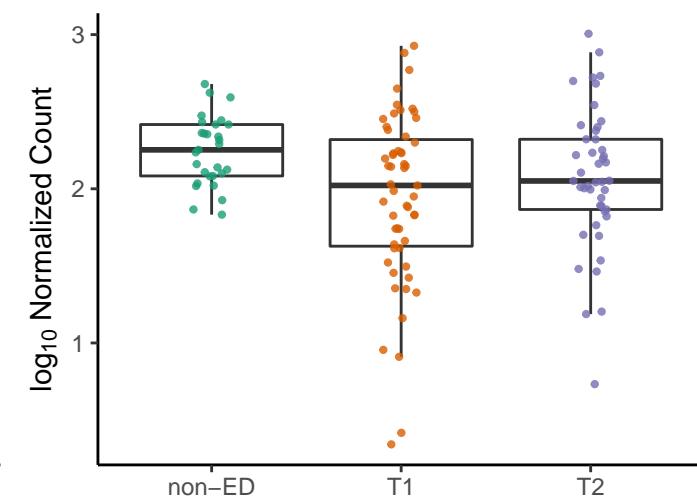
### *Variovorax* sp. PBS-H4

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



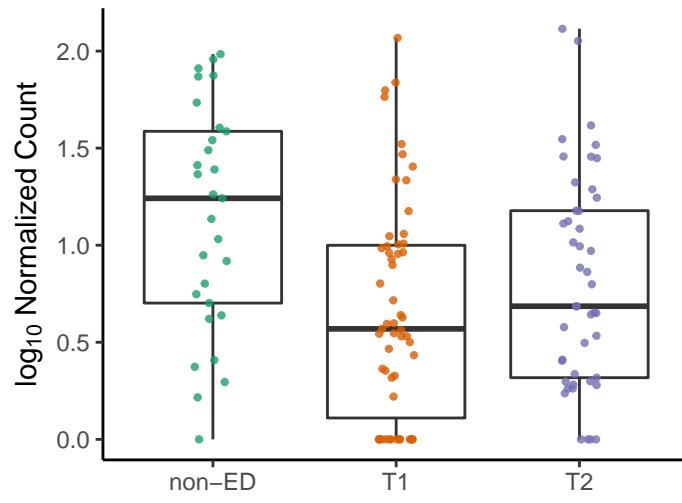
### *Azospirillum thiophilum*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.85



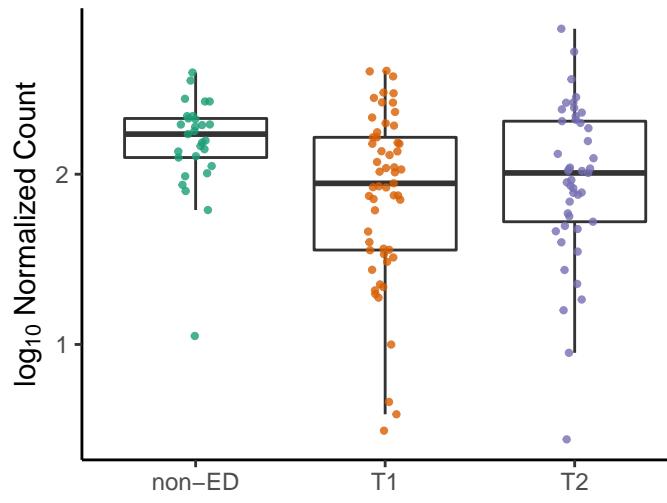
### *Brucella* sp. 2280

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



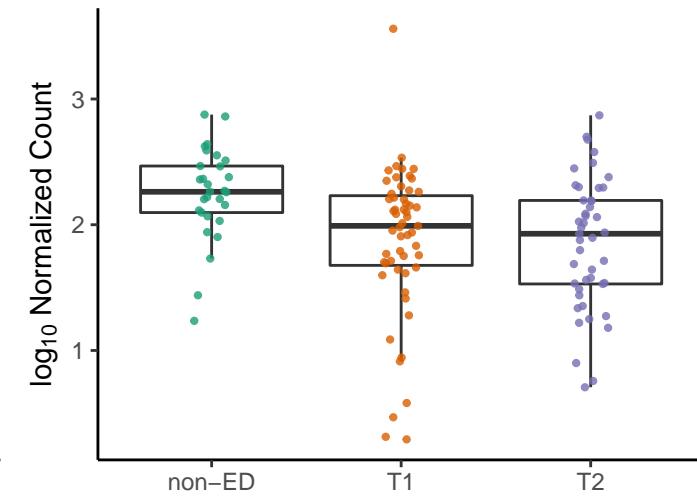
### *Verminephrobacter eiseniae*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



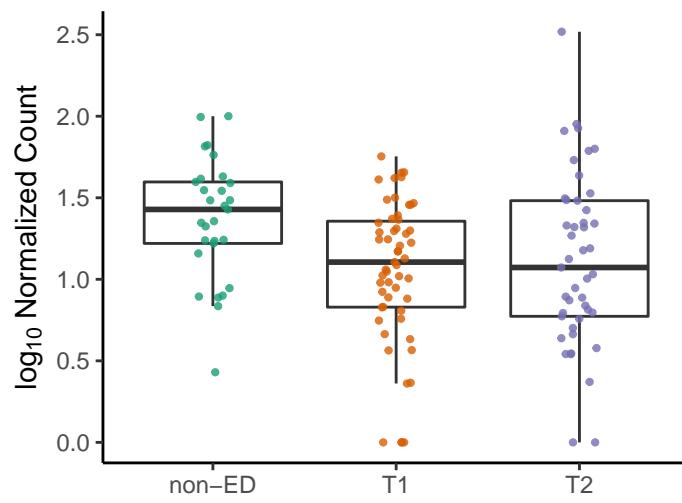
### *Rhodovulum sulfidophilum*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.95



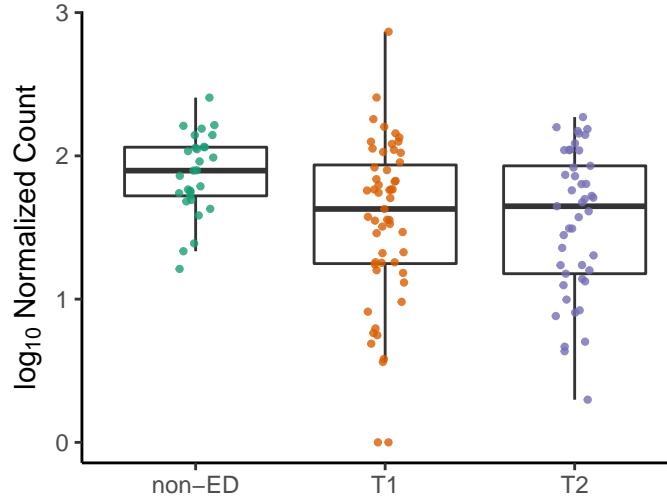
### *Geobacillus thermoleovorans*

non-ED vs. T1 adjusted p = 0.0059  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.87



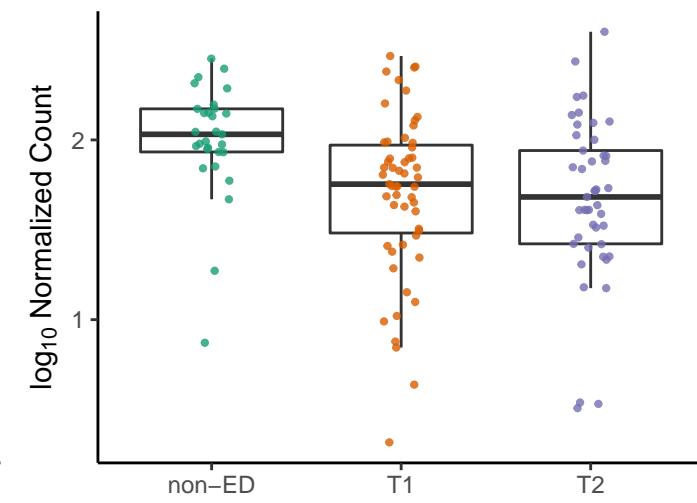
### *Bradyrhizobium guangxiense*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.87



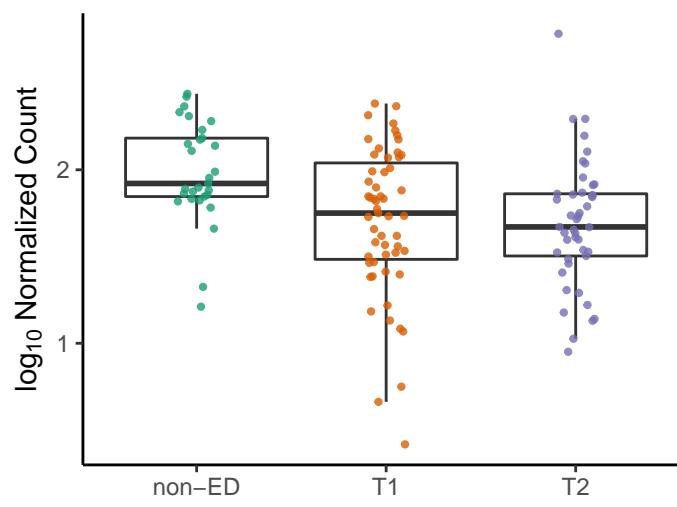
### *Caldicellulosiruptor hydrothermalis*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.006  
 T1 vs. T2 adjusted p = 0.93



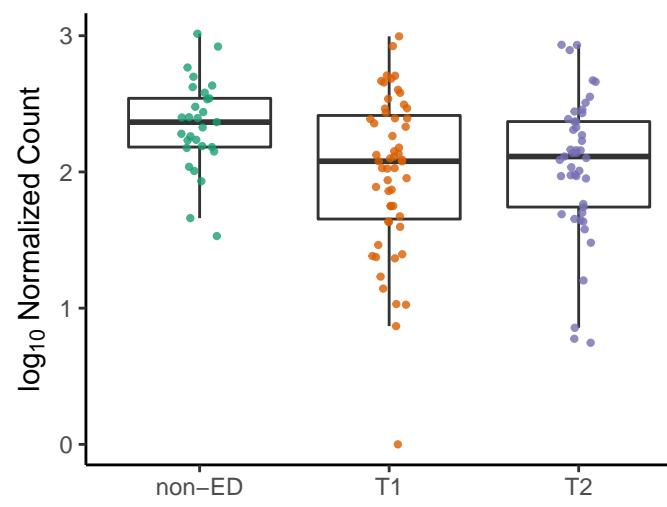
### *Cellvibrio japonicus*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.94



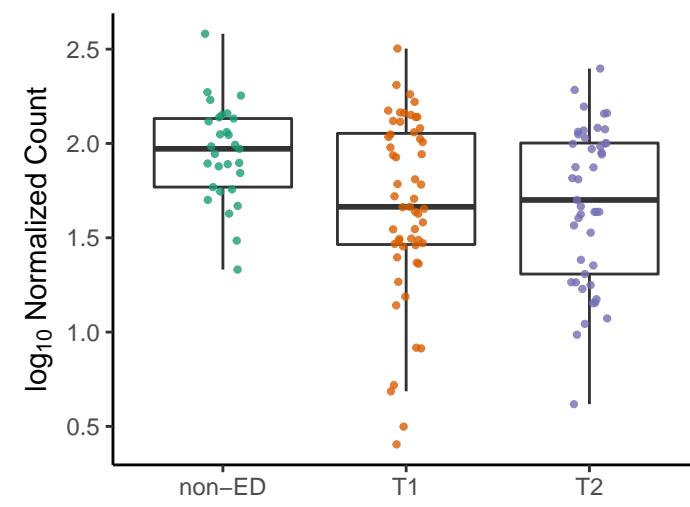
### *Saccharopolyspora erythraea*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.87



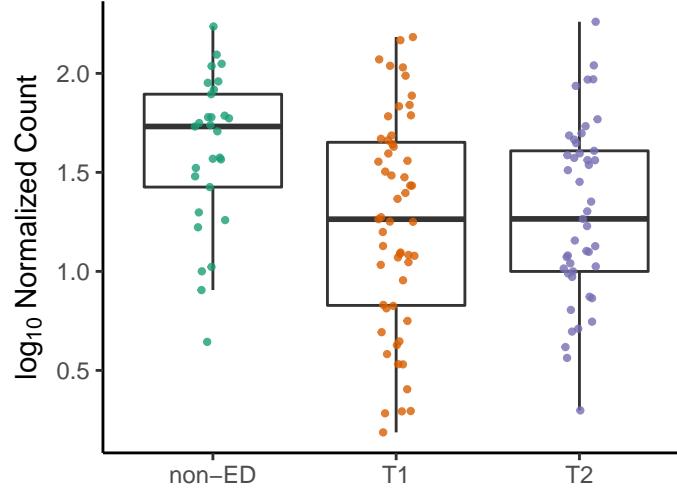
### *Thermaanaerobacter velox*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.97



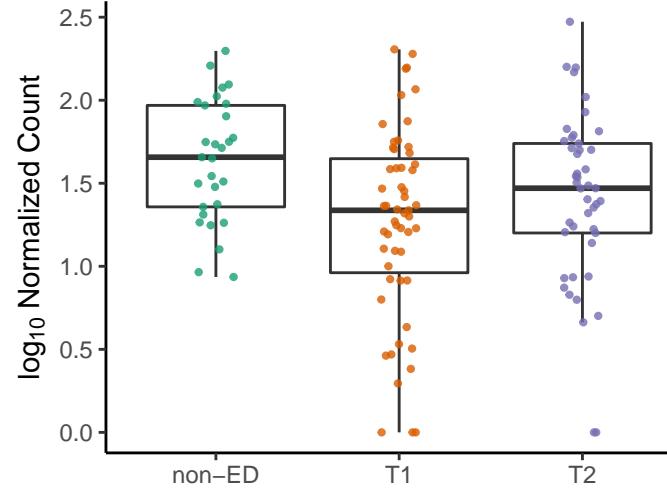
### *Erythrobacter sp. YH-07*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.87



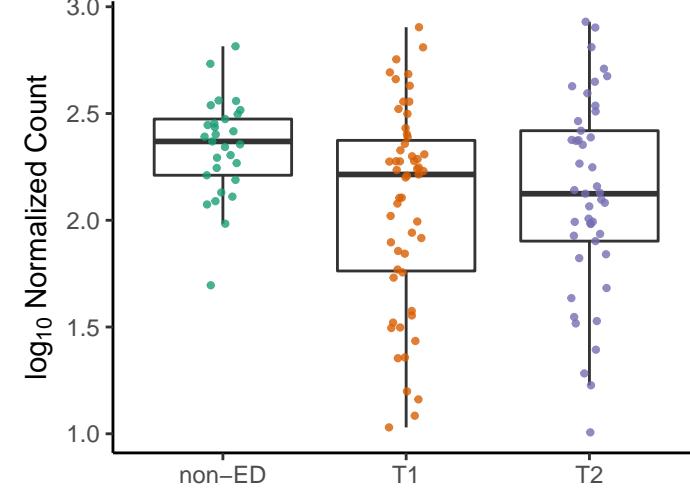
### *Hydrogenophaga pseudoflava*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.85



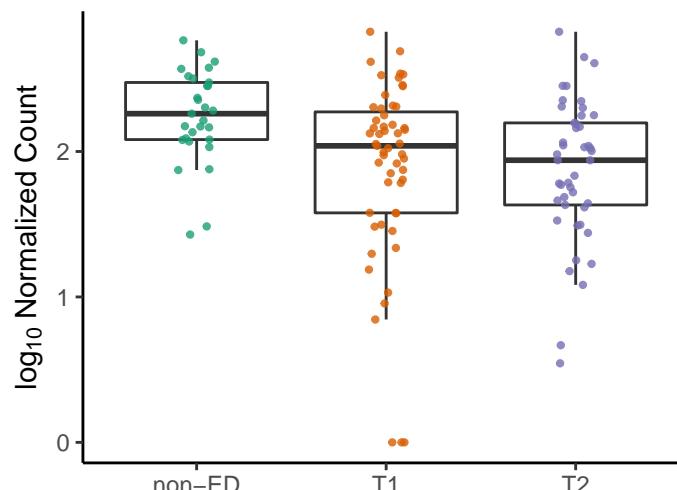
### *Hymenobacter sp. PAMC 26554*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.86



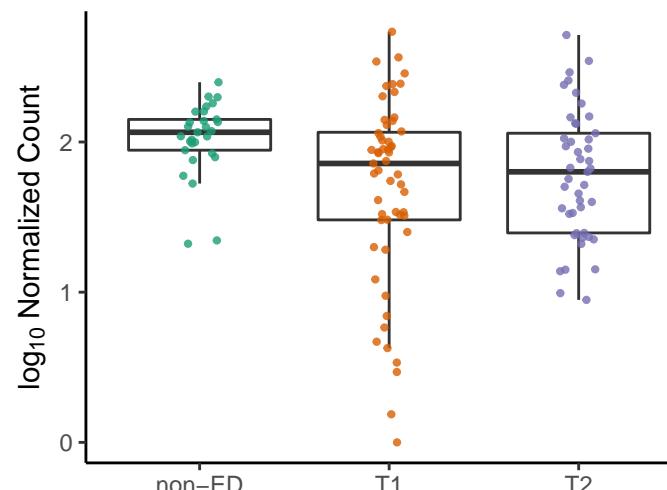
### *Martelella endophytica*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.95



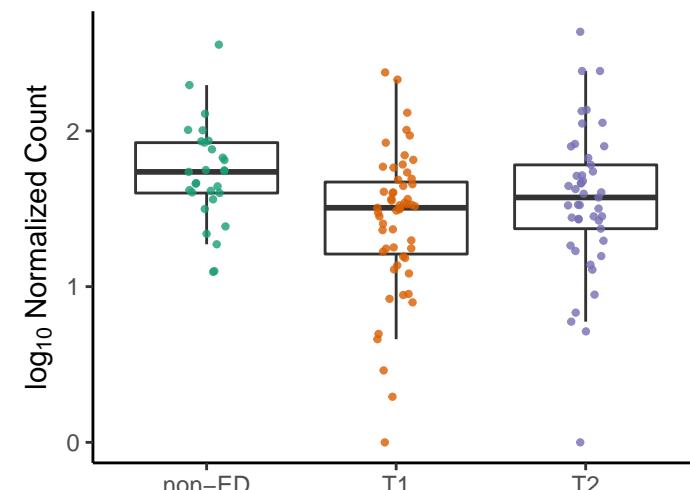
### *Methylobacterium mesophilicum*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



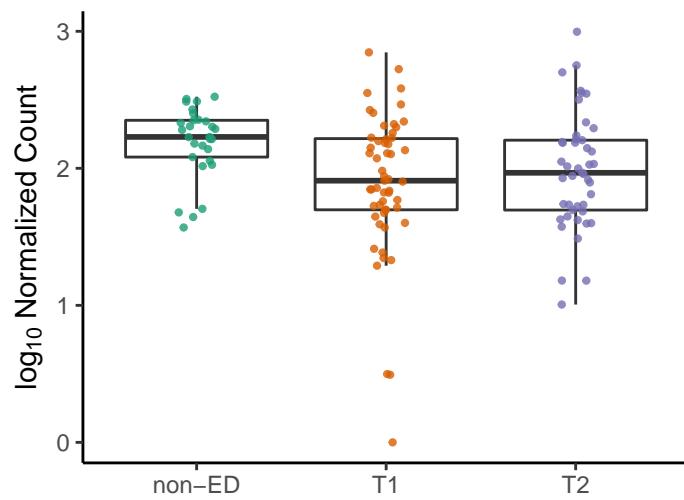
### *Waddlia chondrophila*

non-ED vs. T1 adjusted p = 0.006  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



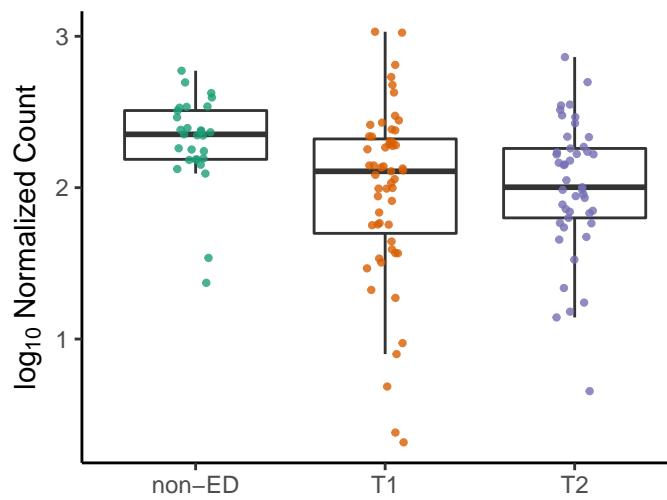
### *Athrobacter* sp. ERGS1:01

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



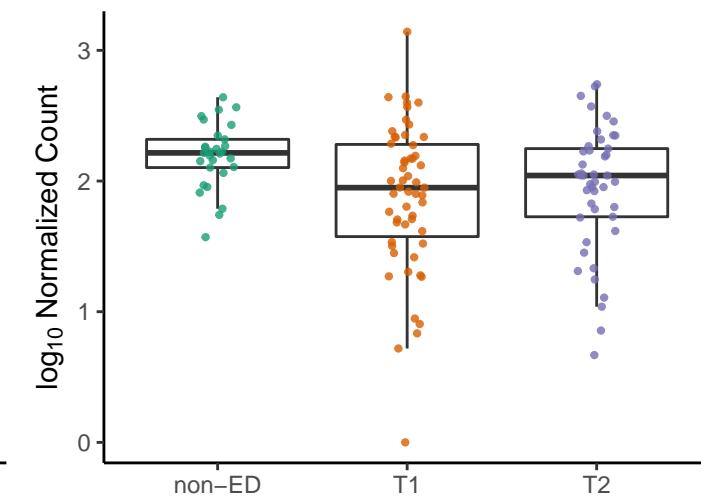
### *Deinococcus* sp. AJ005

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.9



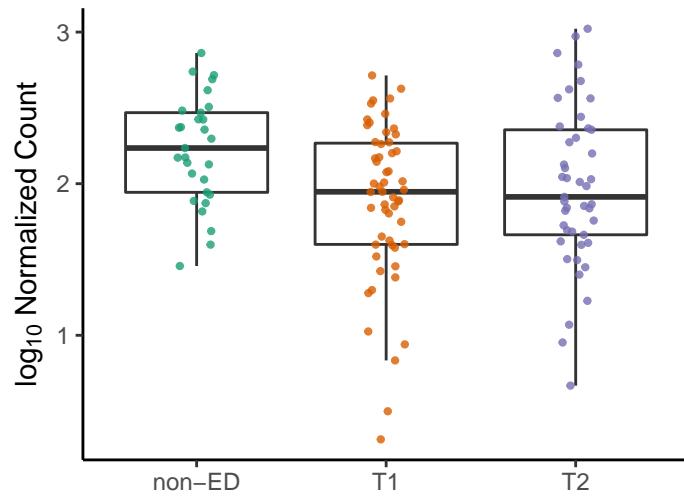
### *Nocardia asteroides*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



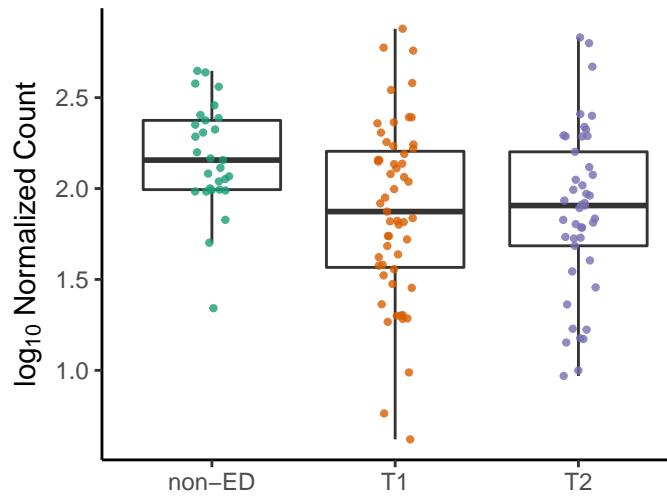
### *Streptomyces* sp. DSM 40868

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



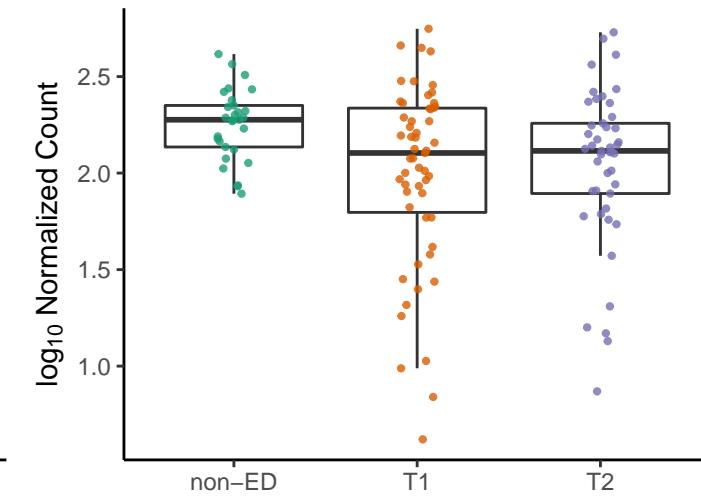
### *Streptomyces* sp. P3

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.91



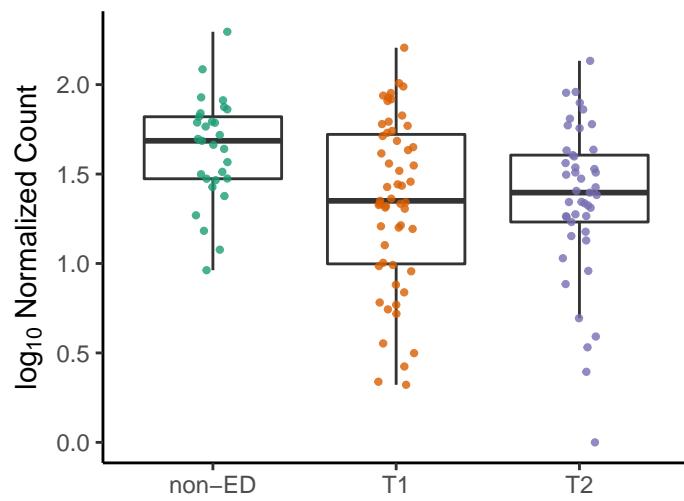
### *Desulfococcus multivorans*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



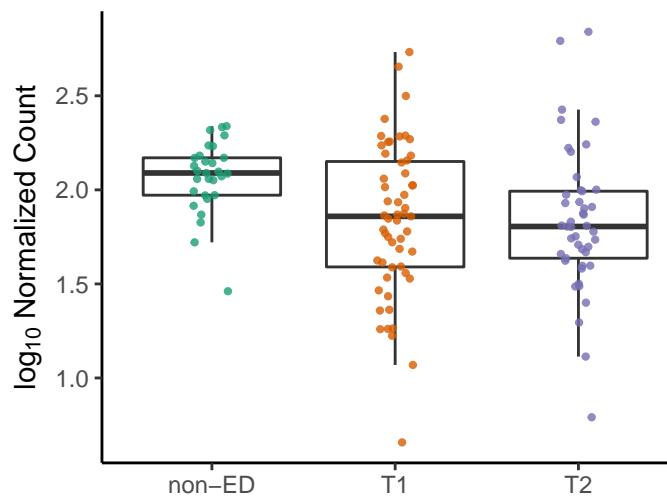
### *Eremothecium sinecaudum*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.98



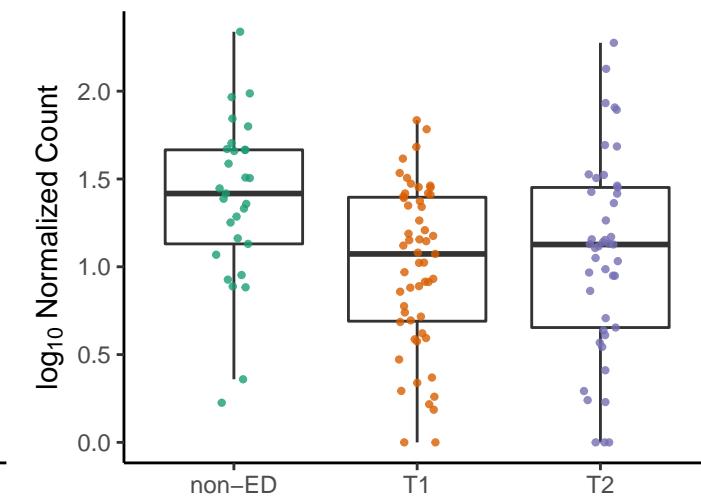
### *Halobacillus mangrovi*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.0077  
 T1 vs. T2 adjusted p = 0.95



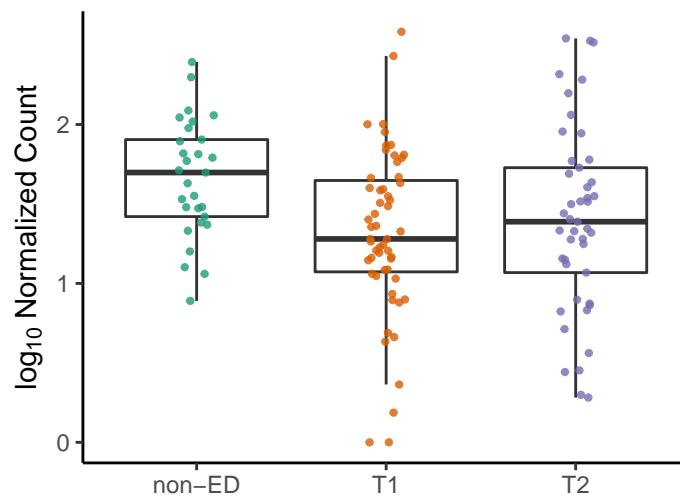
### *Pseudoalteromonas translucida*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.91



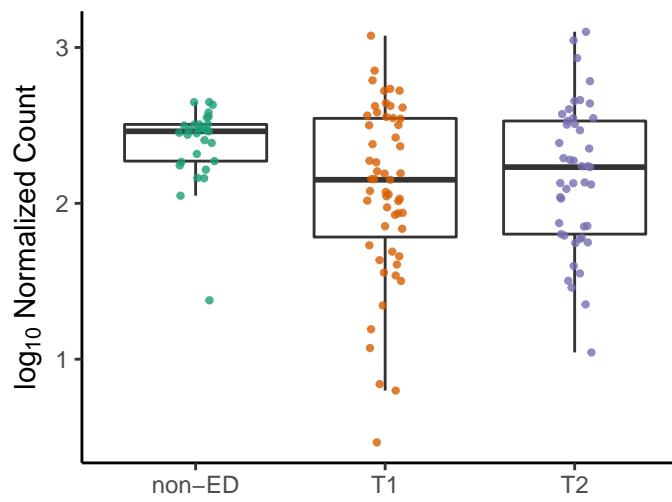
### *Halorussus* sp. ZS-3

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



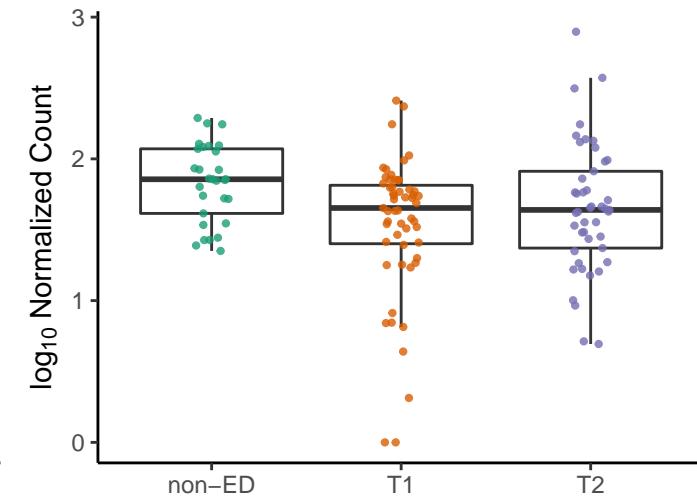
### *Kibdelosporangium phytohabitans*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



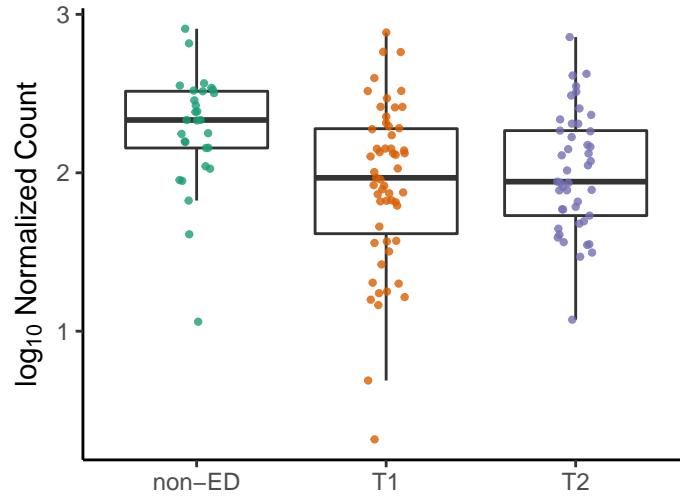
### *Saccharomonospora* sp. 31sw

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.85



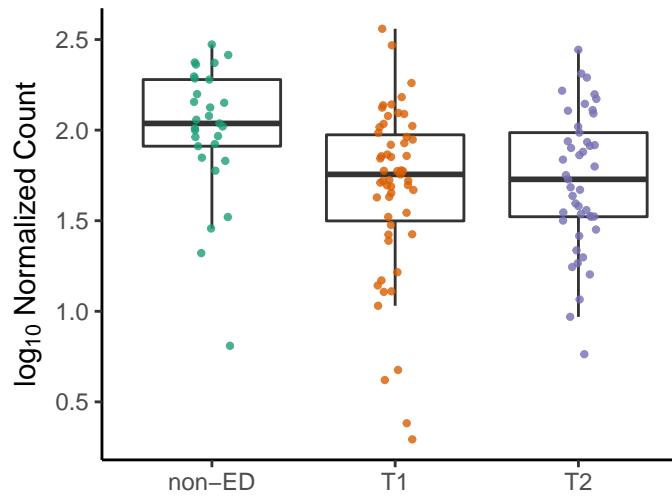
### *Tessaracoccus aquimaris*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



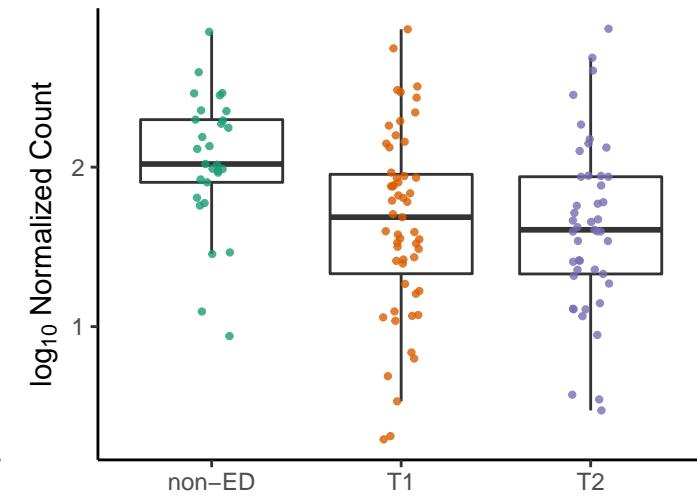
### *Methylomonas methanica*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



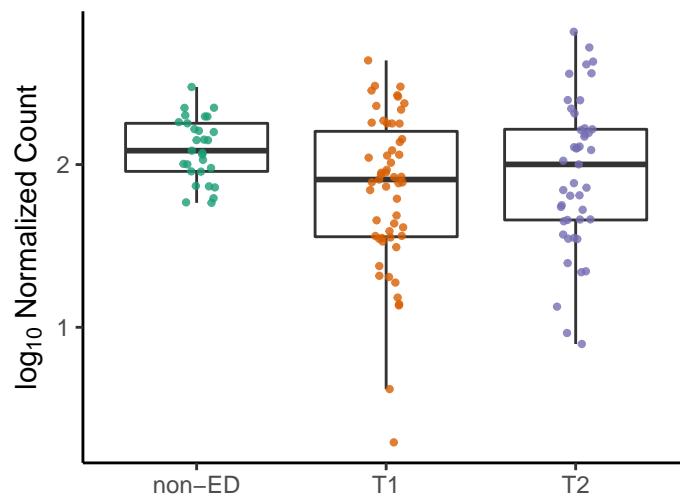
### *Microbacterium* sp. 10M-3C3

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.0056  
 T1 vs. T2 adjusted p = 0.97



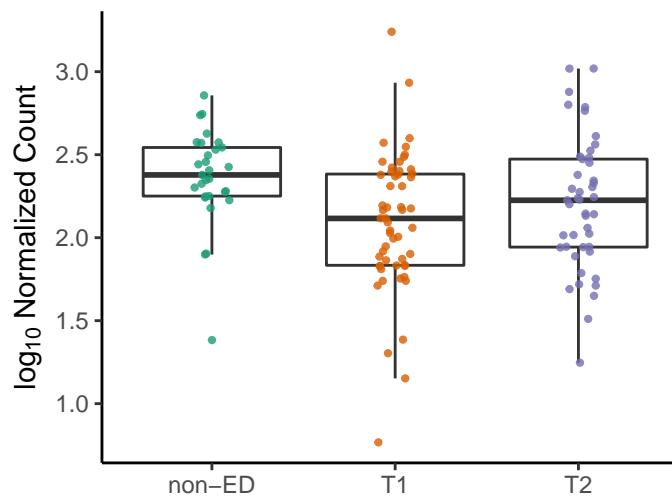
### *Phycisphaerae bacterium RAS2*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.85



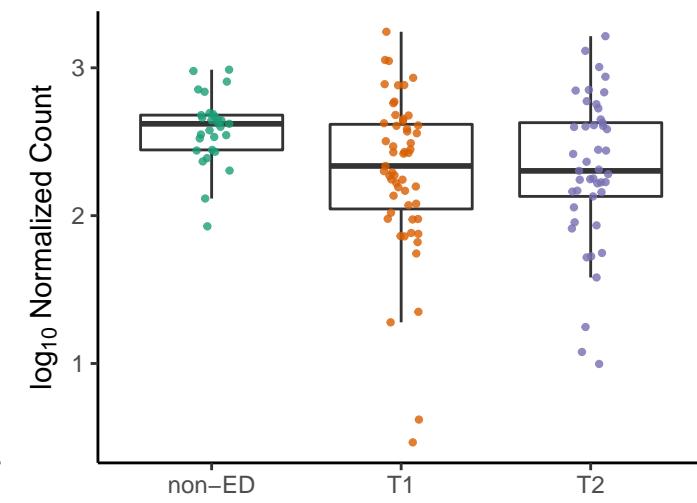
### *Selenomonas* sp. oral taxon 136

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.85



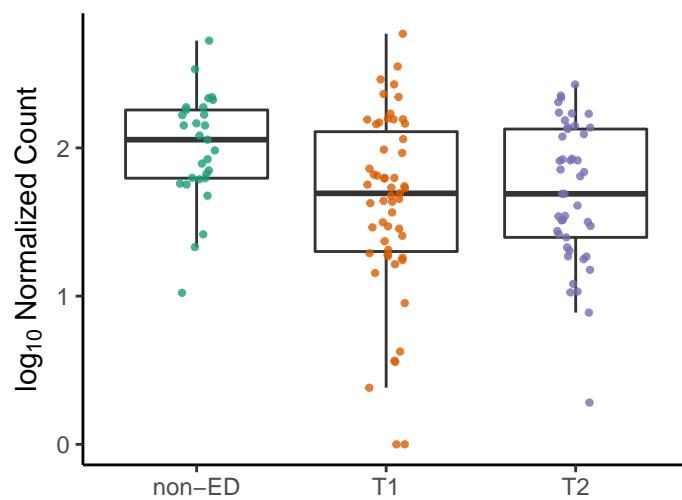
### *Streptosporangium roseum*

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.86



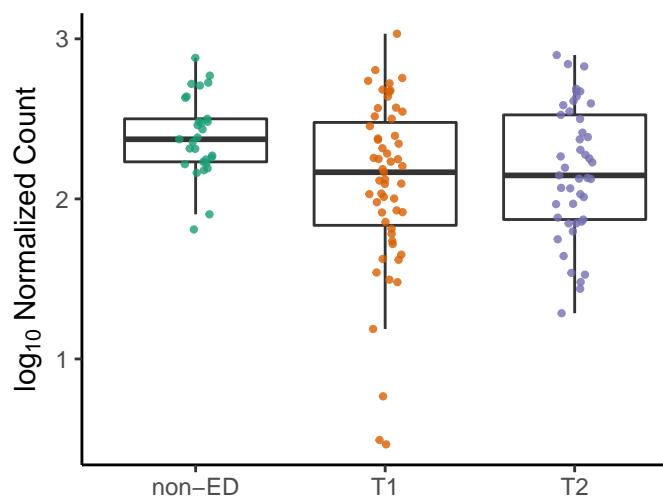
### *Limnohabitans* sp. 63ED37-2

non-ED vs. T1 adjusted p = 0.0061  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



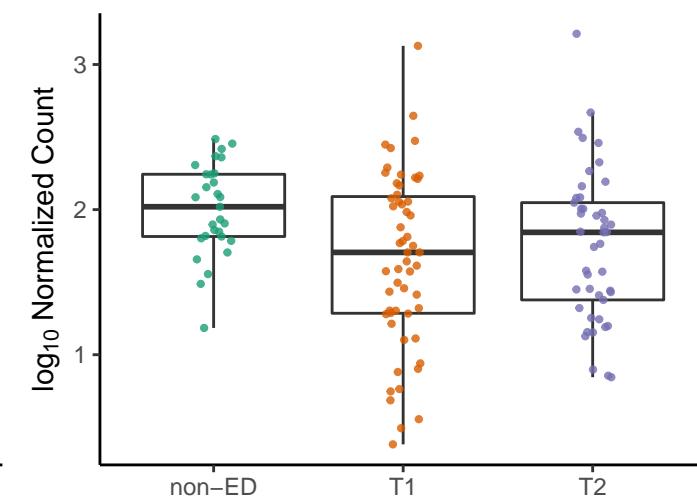
### *Mycolicibacterium aurum*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



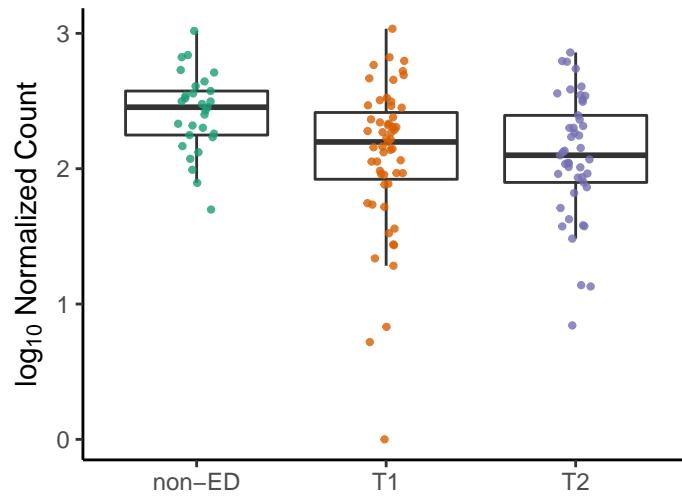
### Unclassified *Kyridia* Genus

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



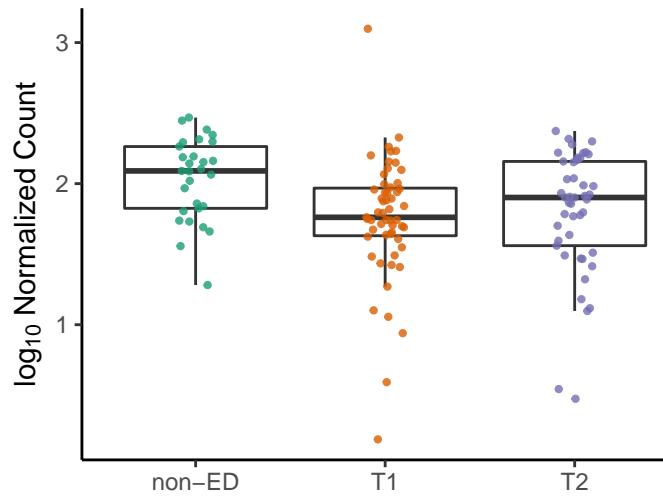
### Unclassified *Sphingomonas* Genus

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.91



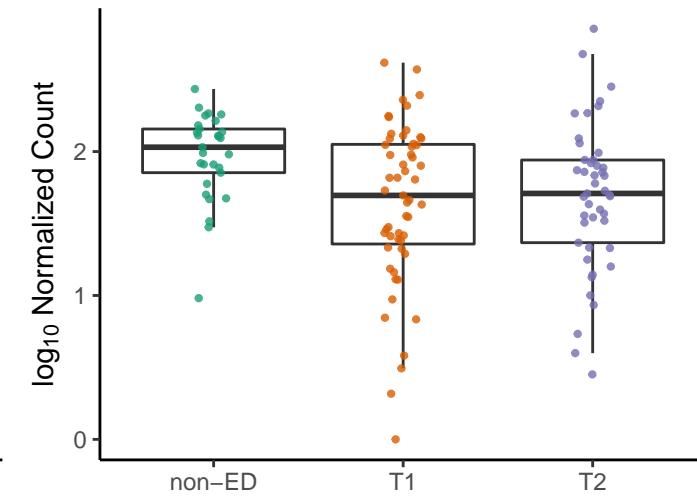
### *Rhodobaca barguzinensis*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



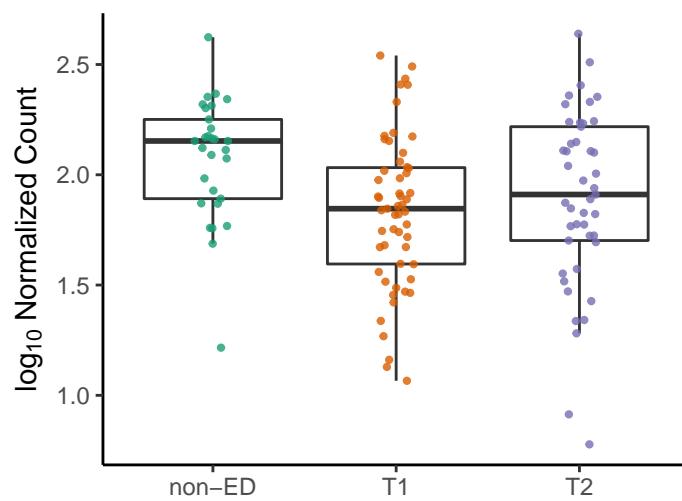
### *Caulobacter segnis*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



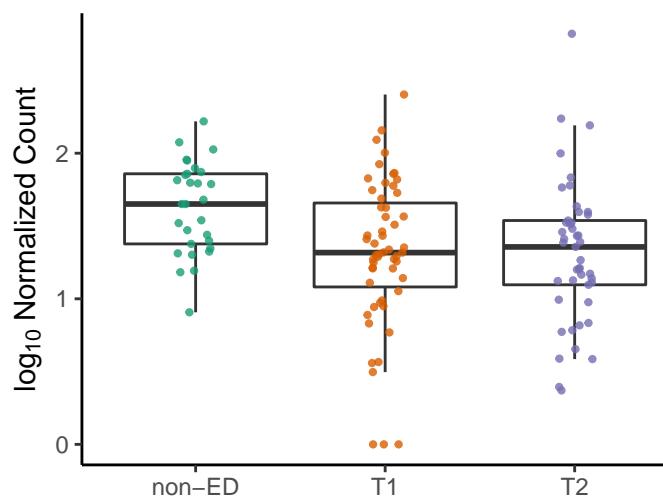
### *Paenibacillus* sp. IHB B 3084

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.85



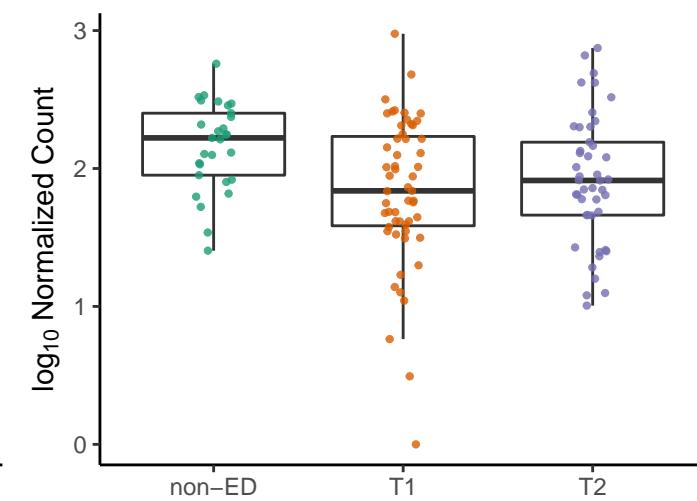
### *Moraxella catarrhalis*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 1



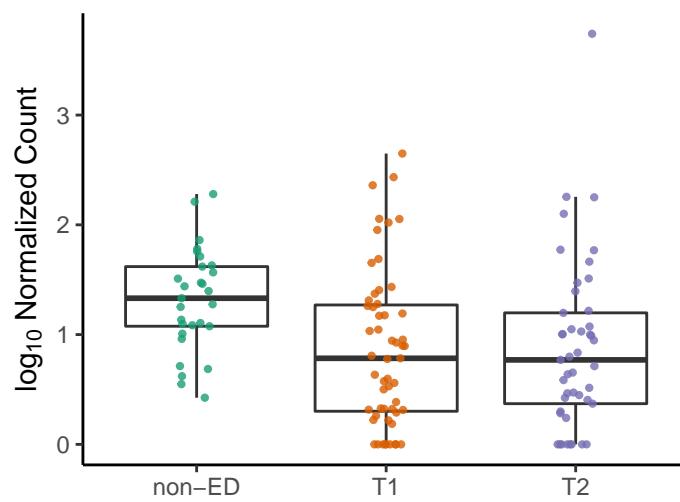
### *Streptomyces antibioticus*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



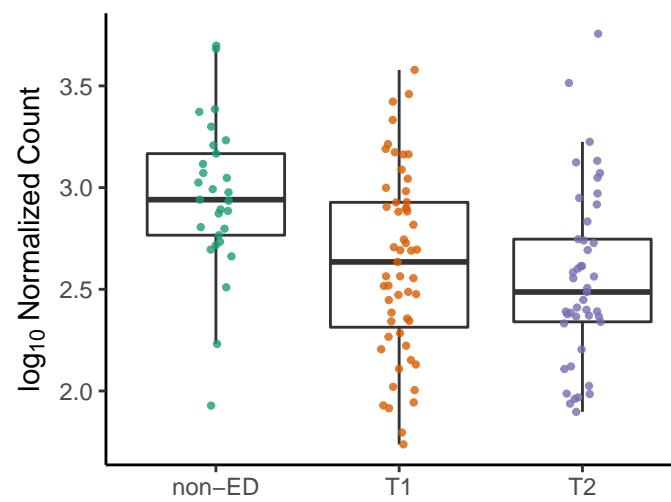
### *Elizabethkingia bruuniana*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.95



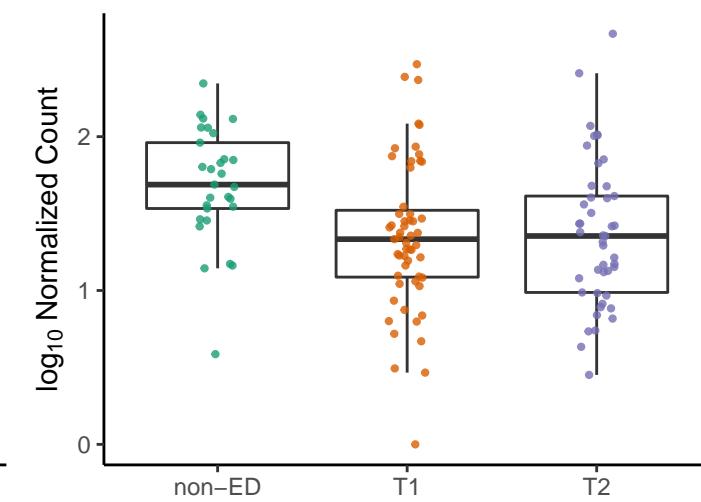
### *Enterococcus cecorum*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



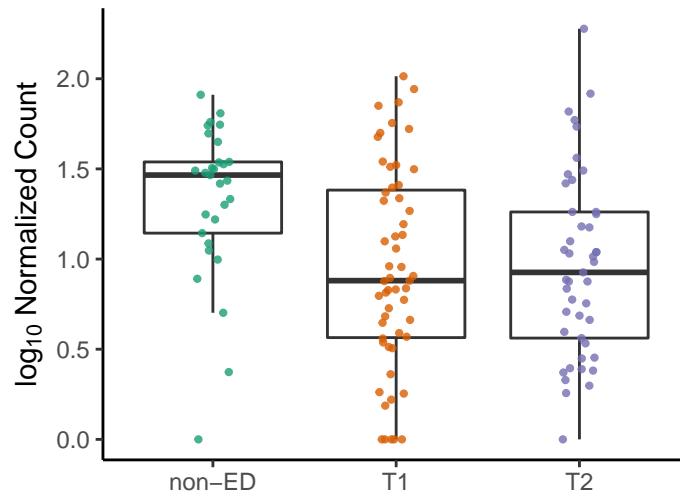
### *Mycobacteroides chelonae*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.98



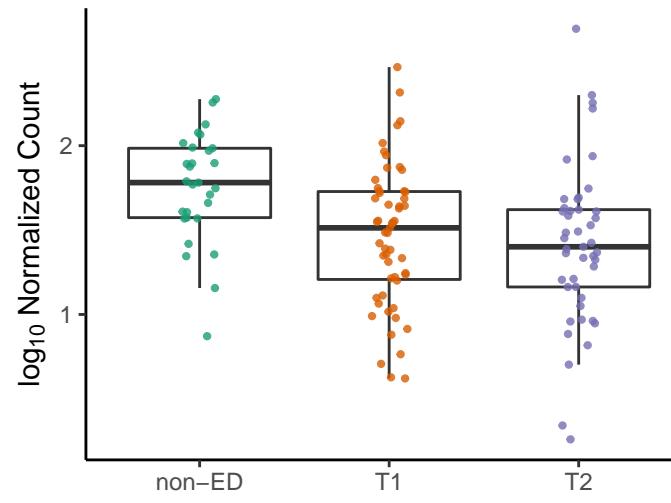
### *Mycoplasma phocirhinis*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.9



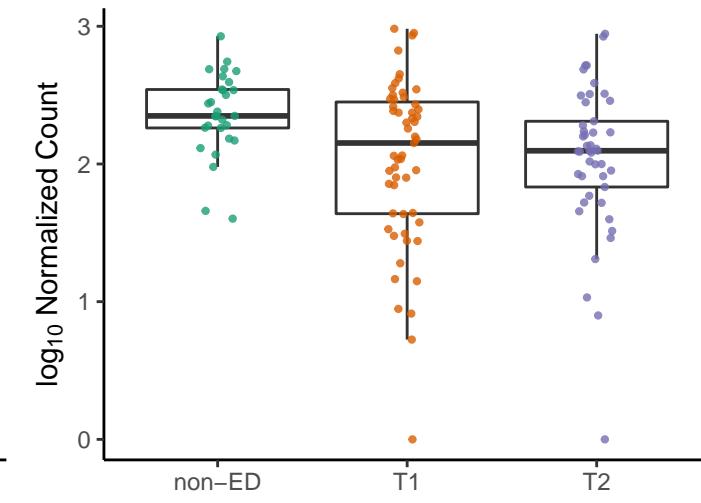
### *Nodularia spumigena*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.91



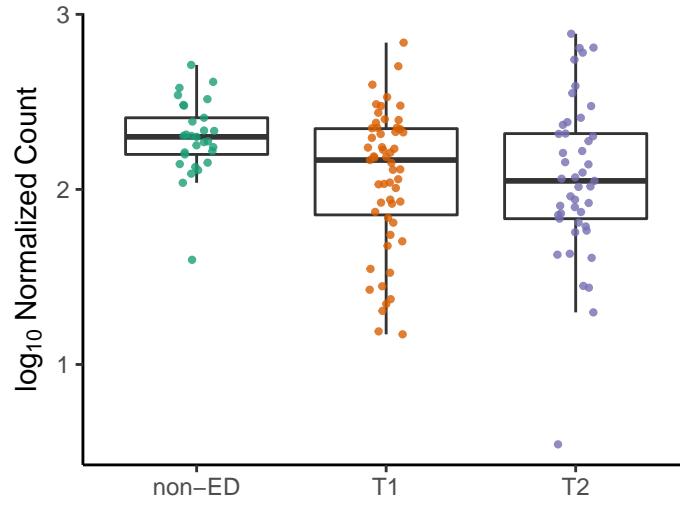
### *Opitutus sp. GAS368*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.9



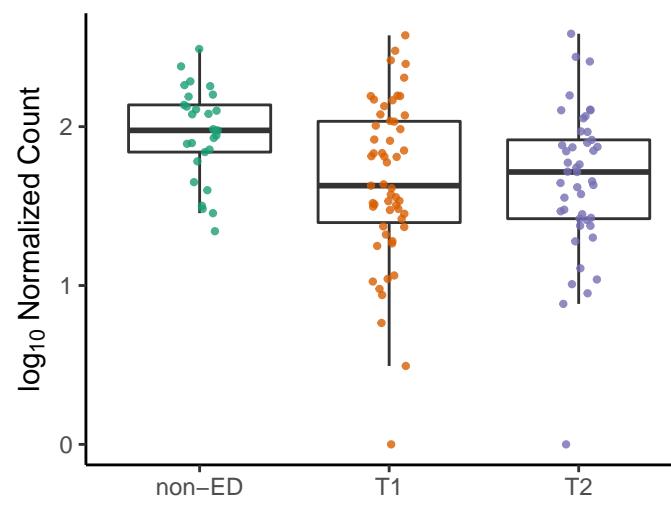
### *Pontibacter akesuensis*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.95



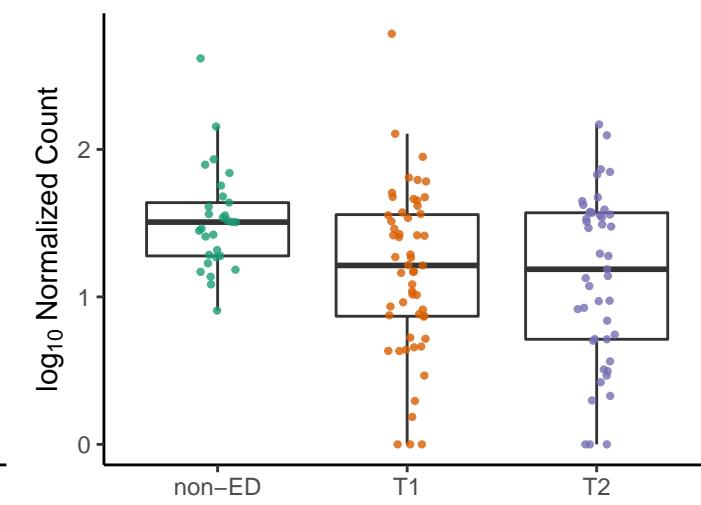
### *Pseudolysobacter antarcticus*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 1



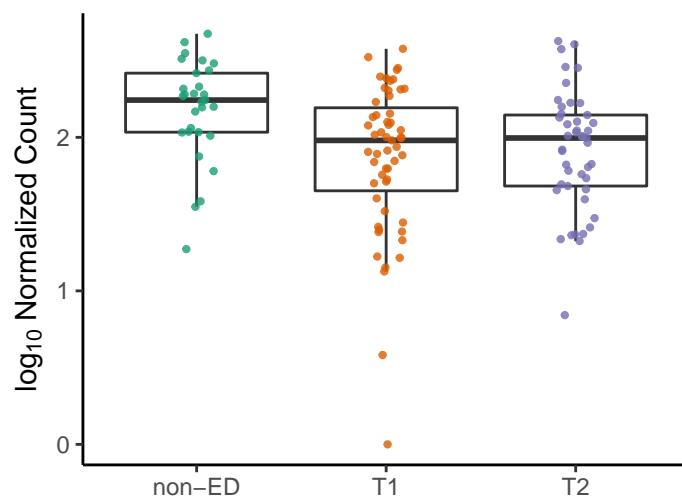
### *Serratia sp. KUDC3025*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.98



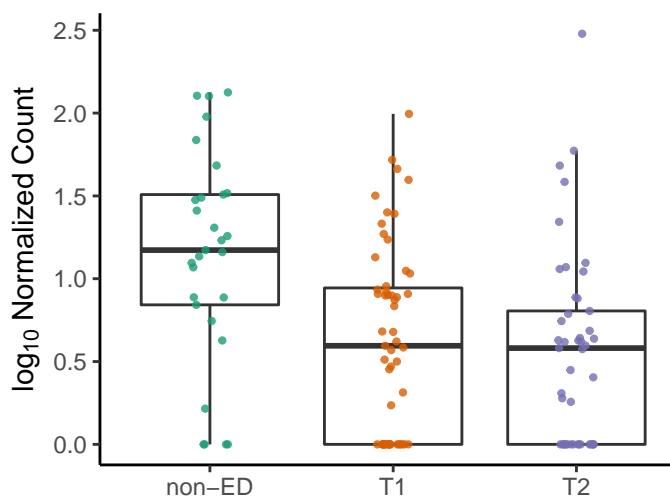
### *Sphingobium yanoikuyae*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



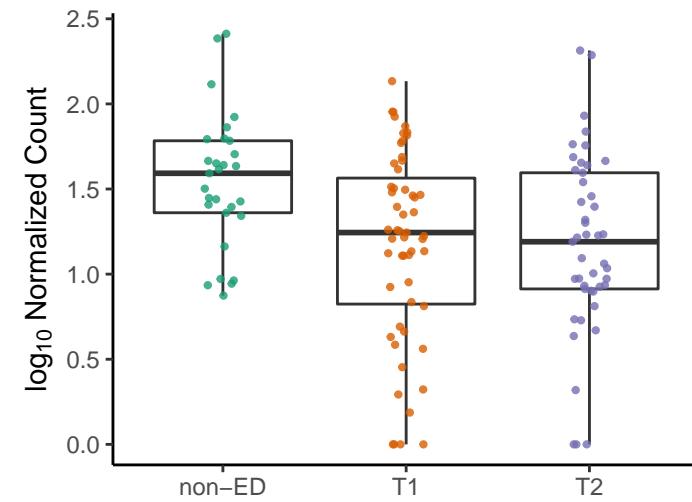
### Unclassified Desulfobacterales Order

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.87



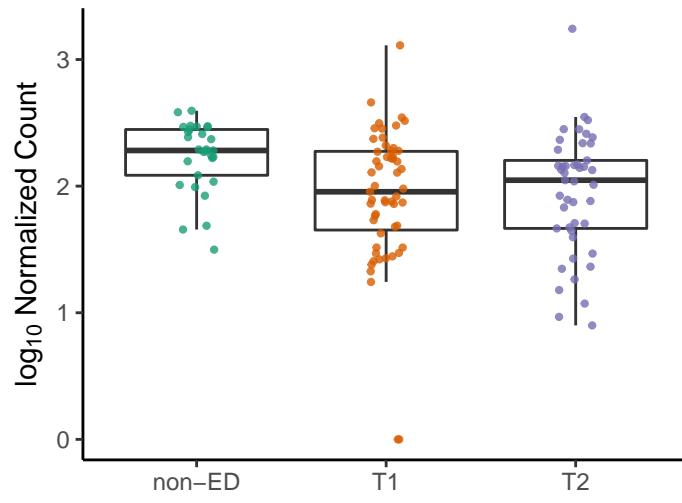
### Unclassified Hungateiclostridium Genus

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.95



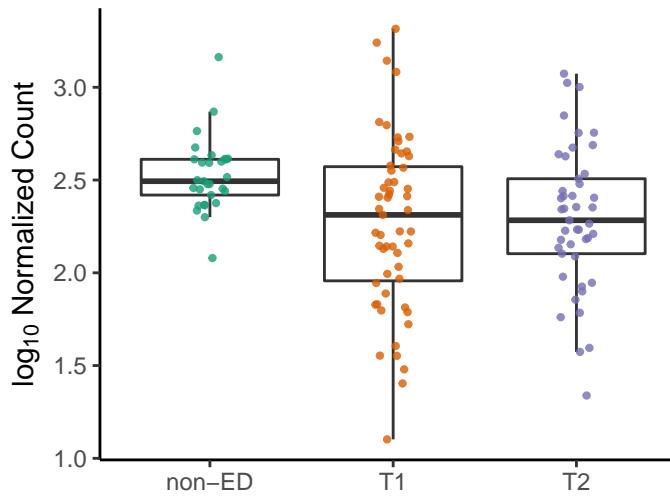
### Unclassified Sphingopyxis Genus

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.9



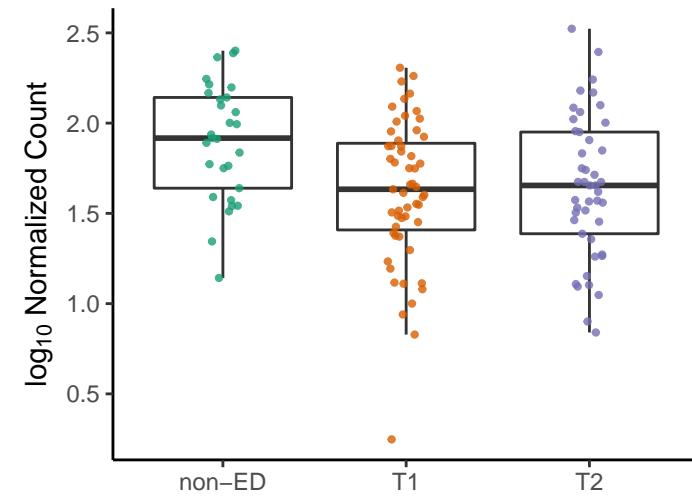
### Unclassified Synechococcus Genus

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.0092  
 T1 vs. T2 adjusted p = 0.85



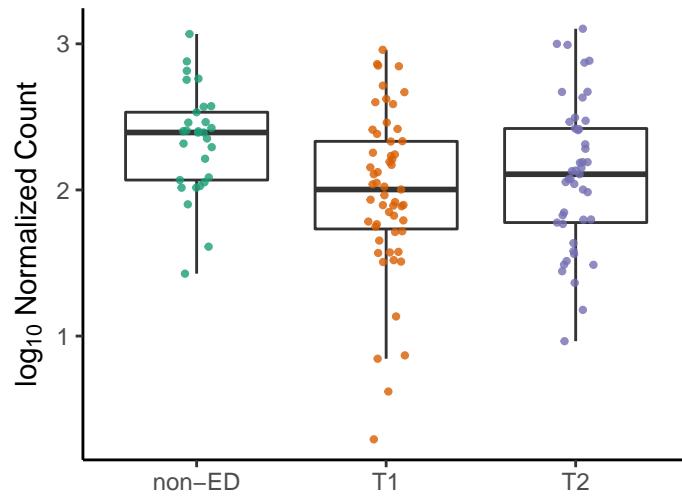
### Lysinibacillus sp. 2017

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.96



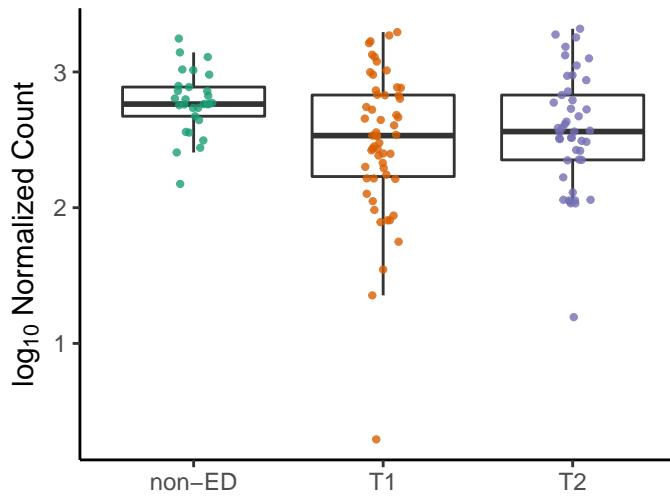
### *Kineococcus radiotolerans*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



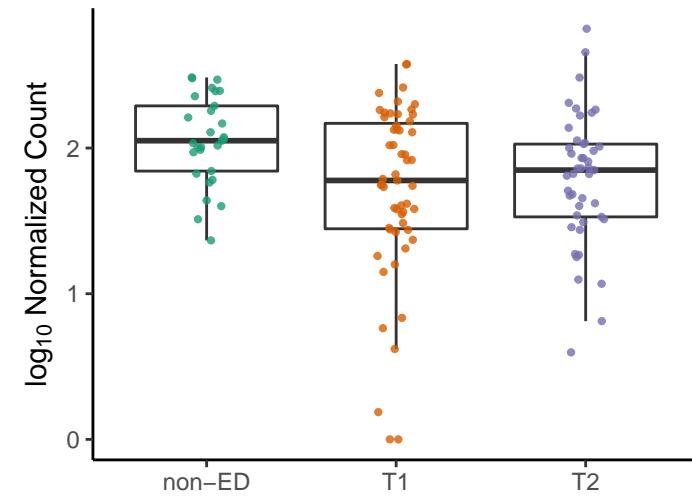
### *Achromobacter xylosoxidans*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



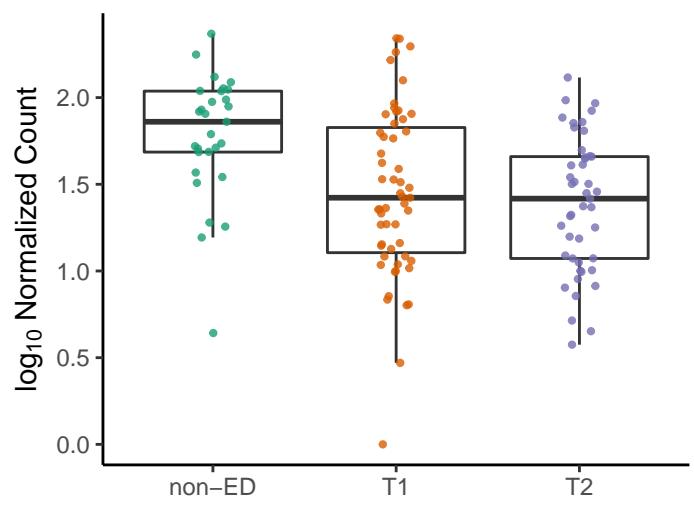
### *Armatimonadetes bacterium Uphvl-Ar2*

non-ED vs. T1 adjusted p = 0.0062  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.9



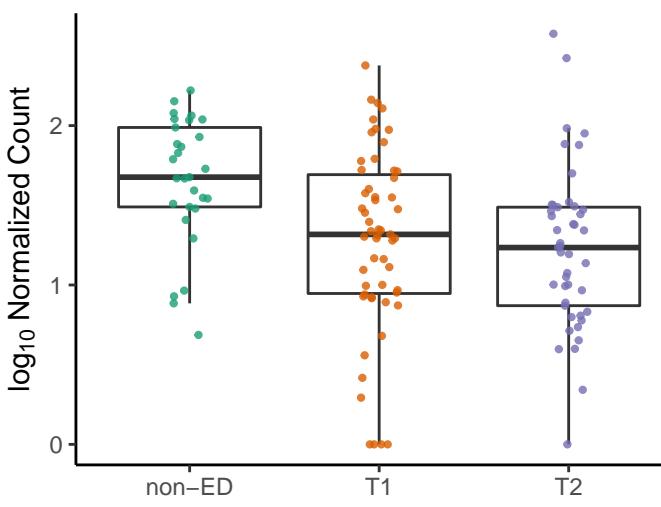
### *Sulfurimonas* sp. GYSZ\_1

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.85



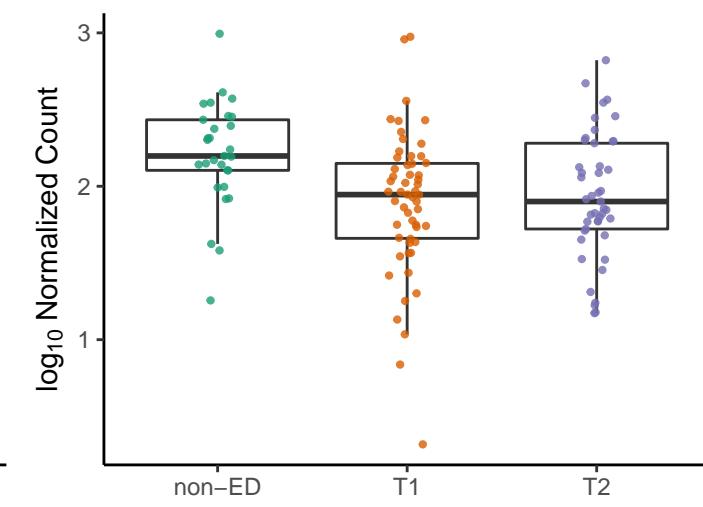
### *Corynebacterium rouxii*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.99



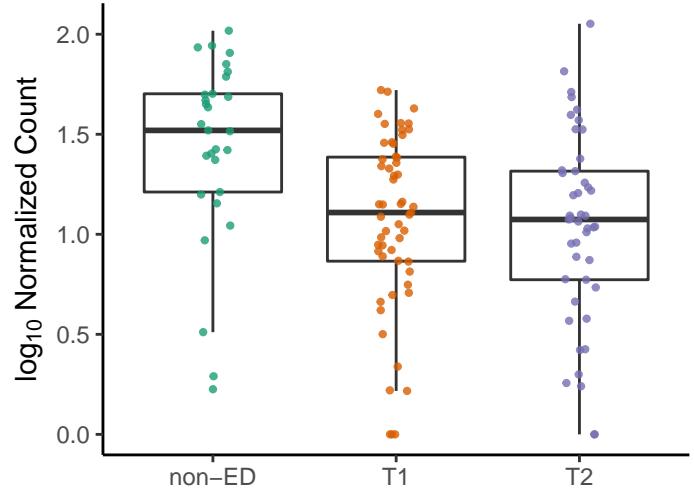
### *Nitratifractor salsuginis*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



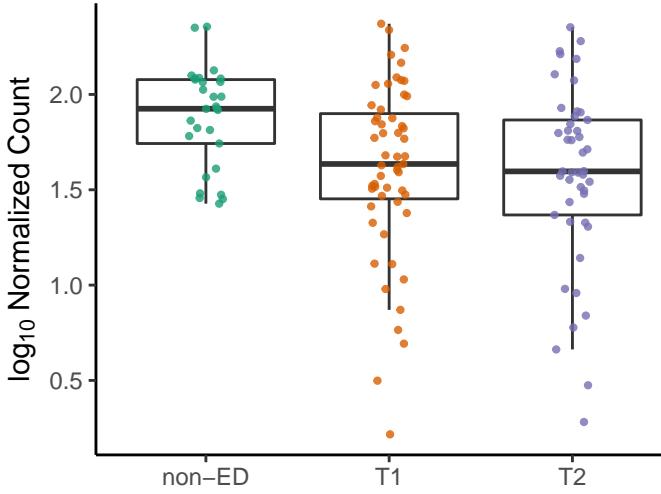
### *Thiomicrospira aerophila*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.93



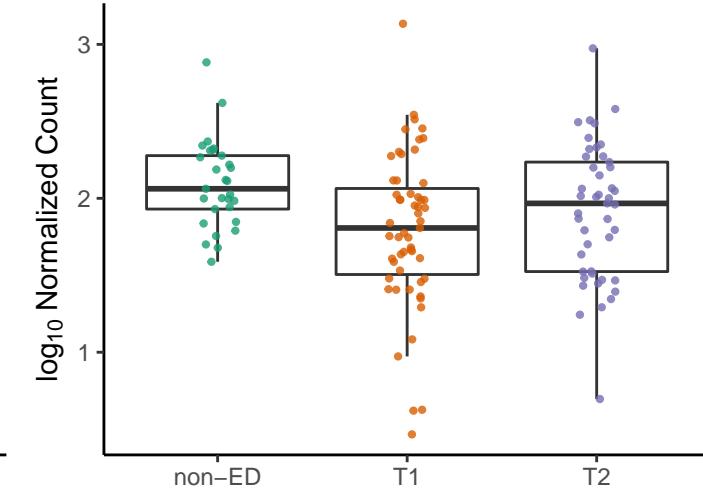
### *Saliniradius amylolyticus*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.97



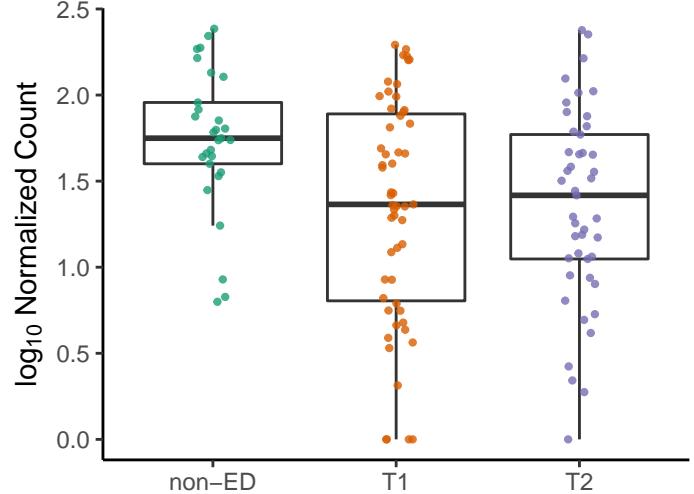
### *Tessaracoccus flavus*

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.85



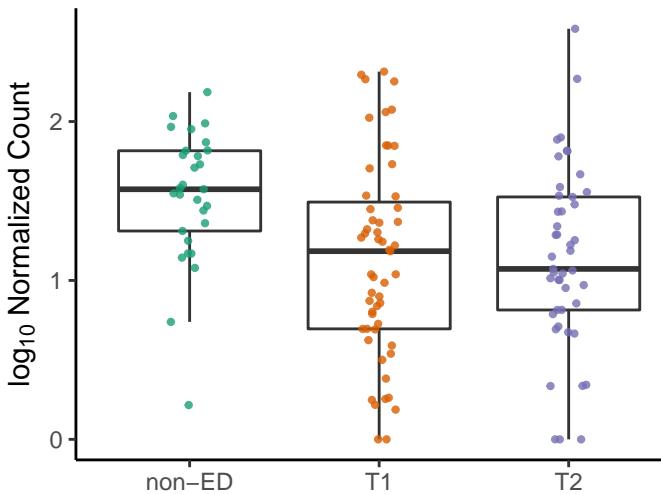
### Unclassified *Saccharomonospora* Genus

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0091  
 T1 vs. T2 adjusted p = 0.85



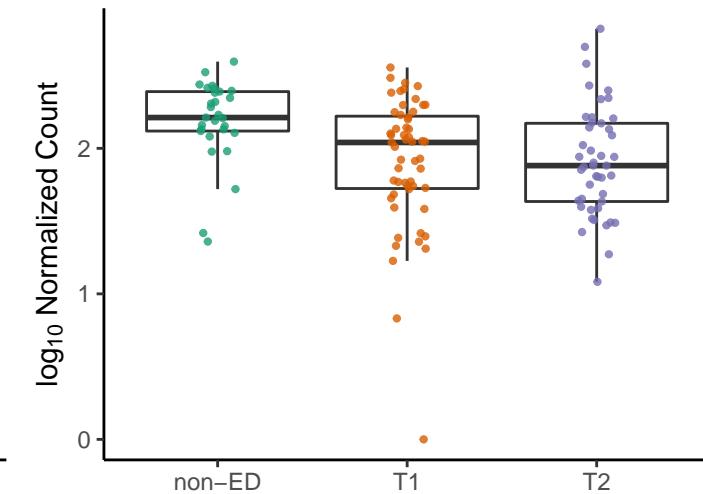
### *Arcobacter* sp. LPB0137

non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.9

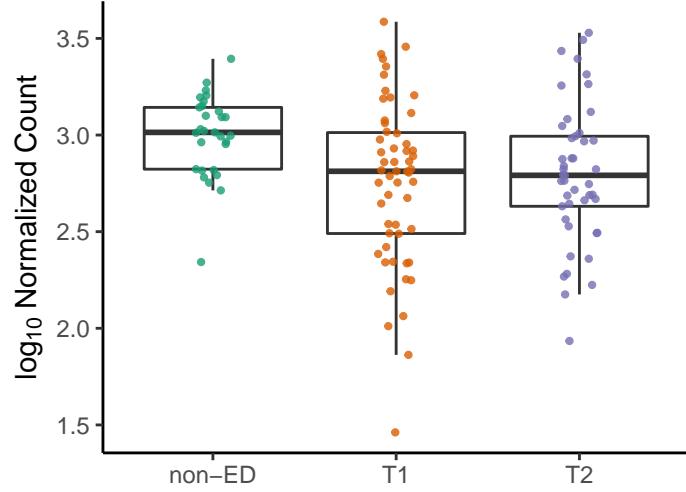


### *Fusarium verticillioides*

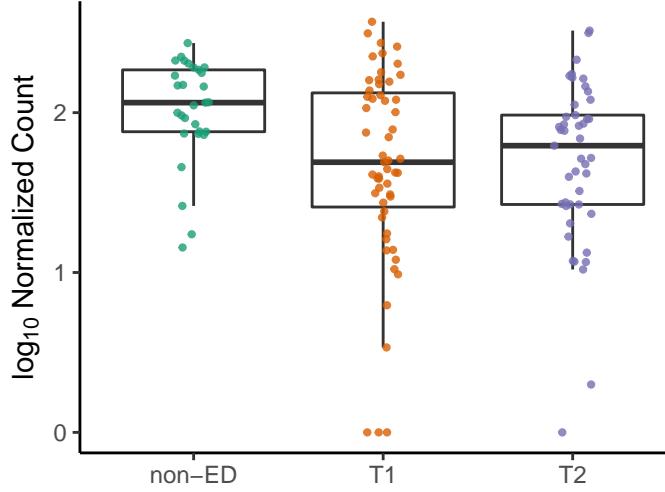
non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.94



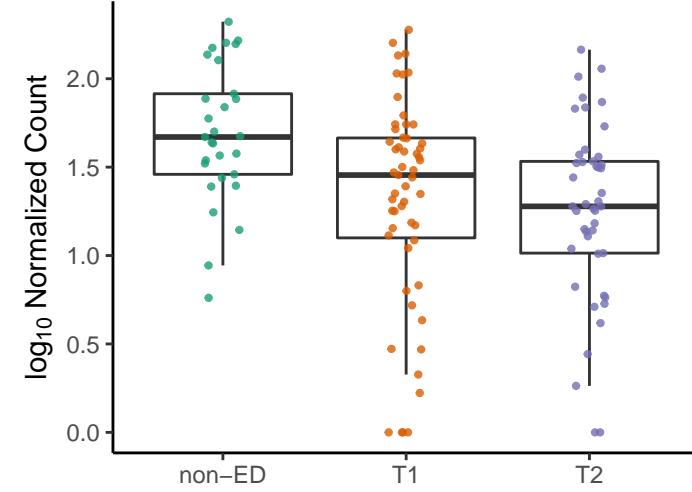
**Unclassified Aeromonas Genus**  
 non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



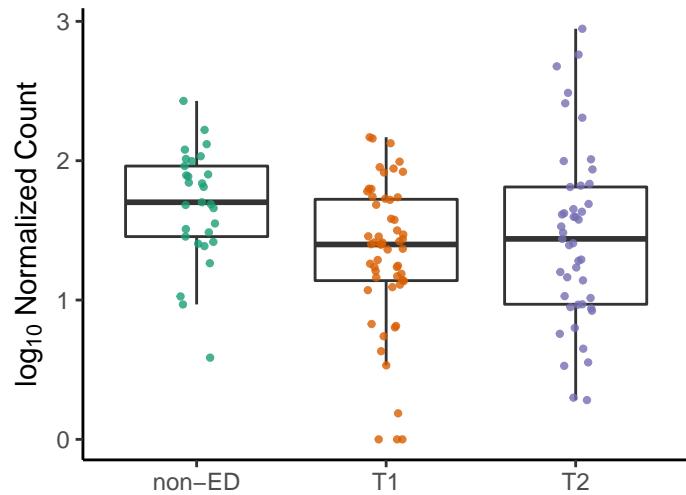
**Unclassified Caulobacteraceae Family**  
 non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.87



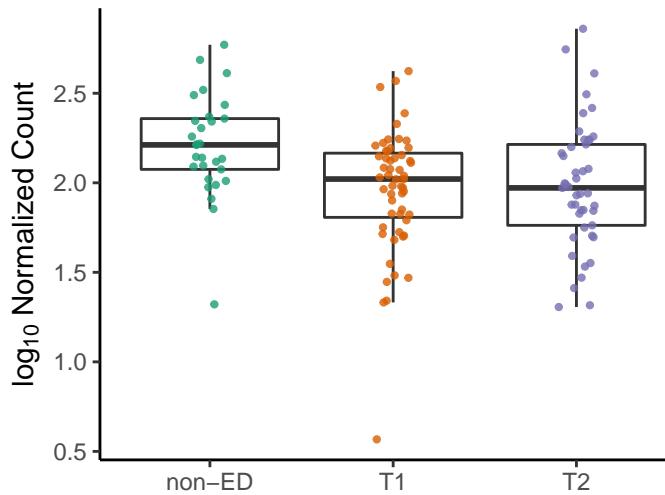
**Unclassified Oscillibacter Genus**  
 non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.95



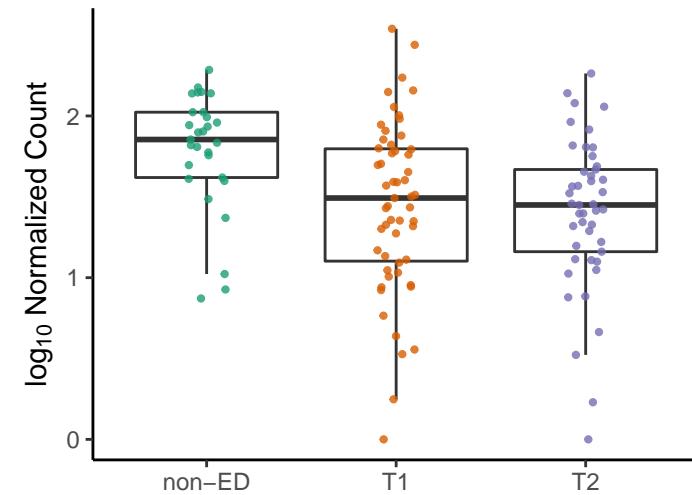
**Variovorax sp. PBL-E5**  
 non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



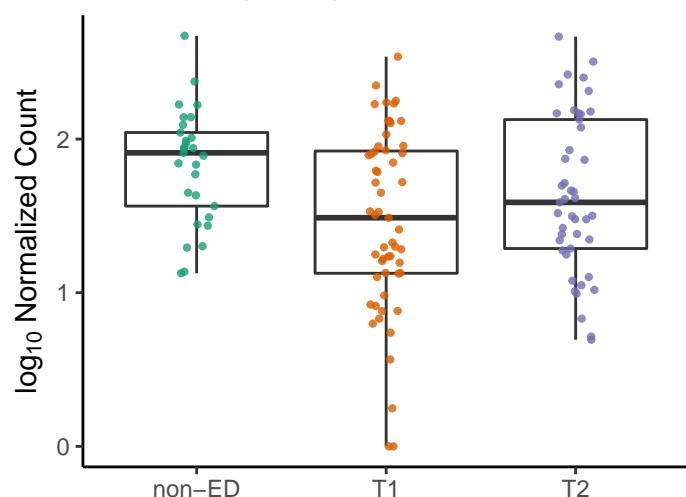
**Pantoea ananatis**  
 non-ED vs. T1 adjusted p = 0.0063  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.87



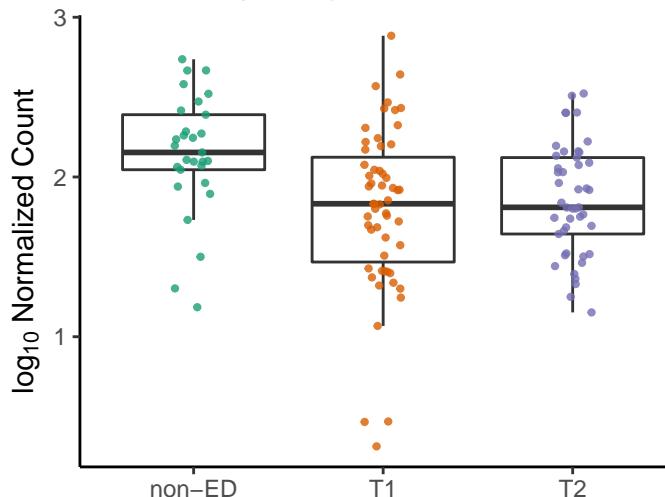
**Flavobacterium haoranii**  
 non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.86



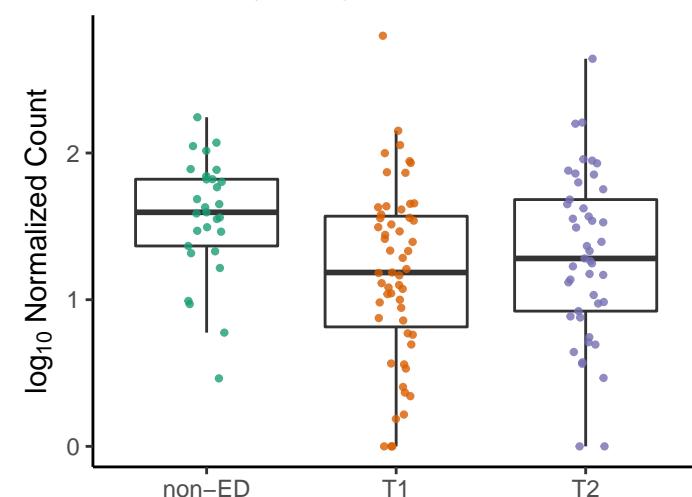
**Hydrogenophaga sp. NH-16**  
 non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.84



**Novosphingobium sp. P6W**  
 non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85

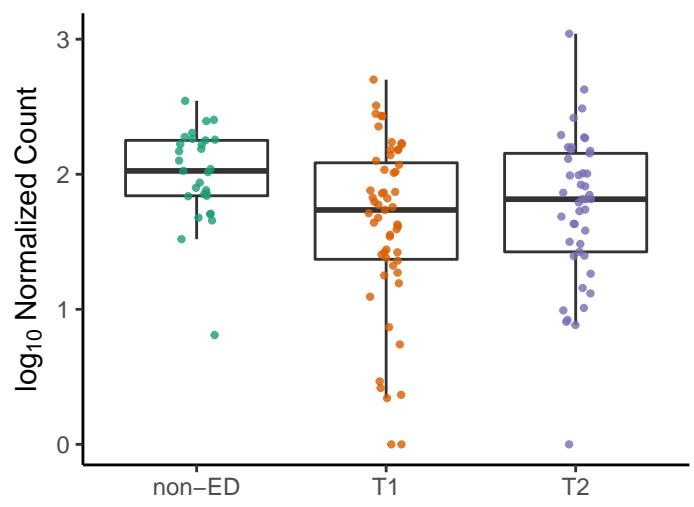


**Unclassified Sulfitobacter Genus**  
 non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



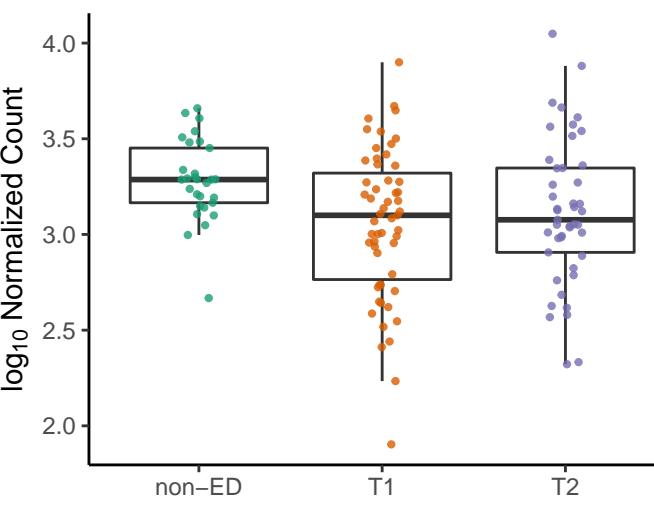
### *Pseudomonas rhizosphaerae*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



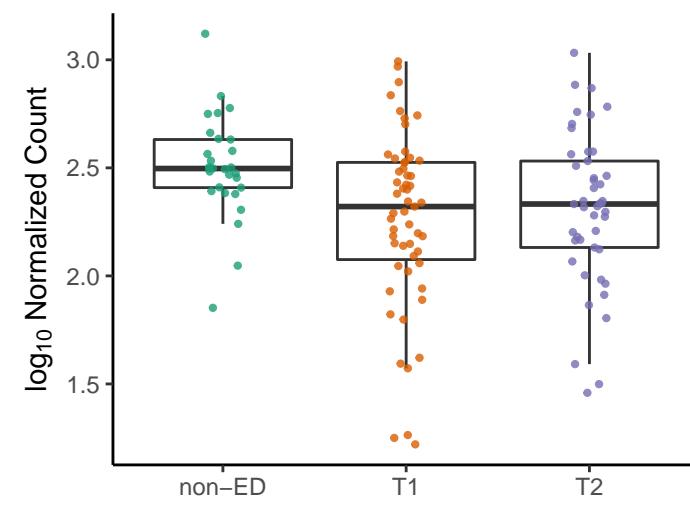
### Unclassified Burkholderia Genus

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



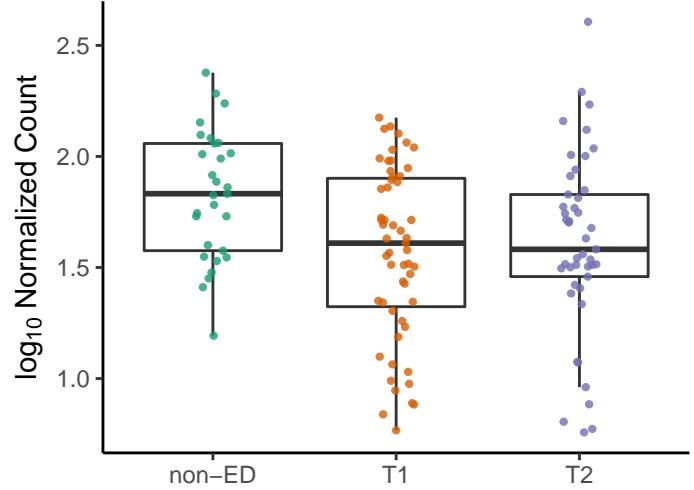
### *Nocardia cyriacigeorgica*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



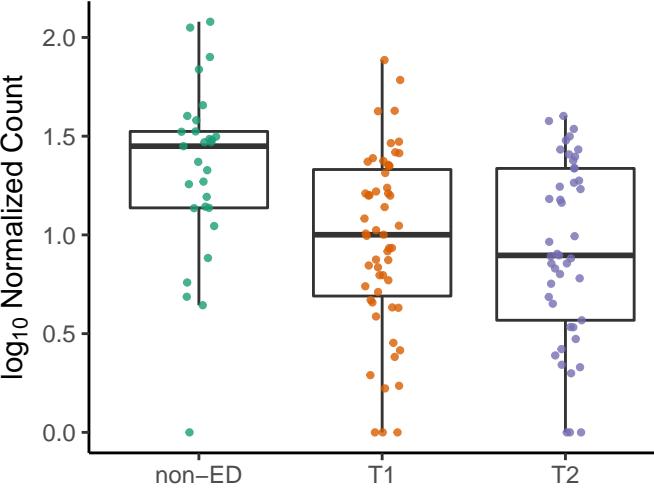
### *Cellvibrio* sp. PSBB006

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.9



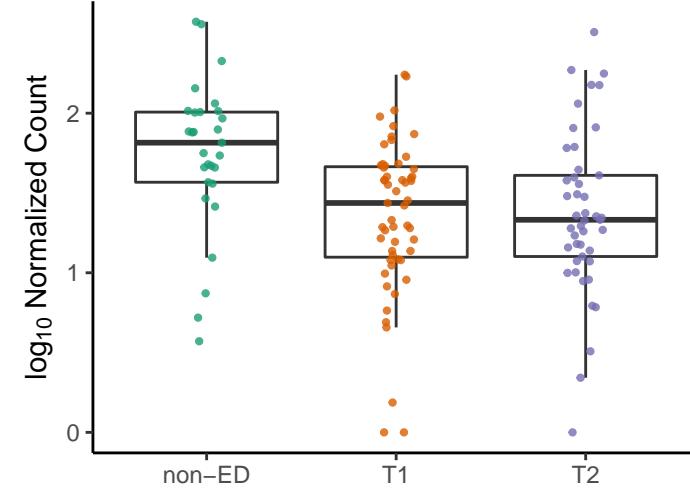
### *Frederiksenia canicola*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.92



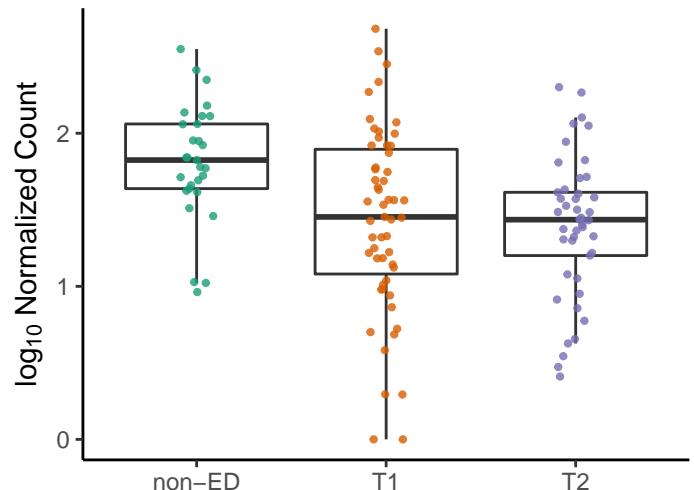
### *Acinetobacter soli*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.97



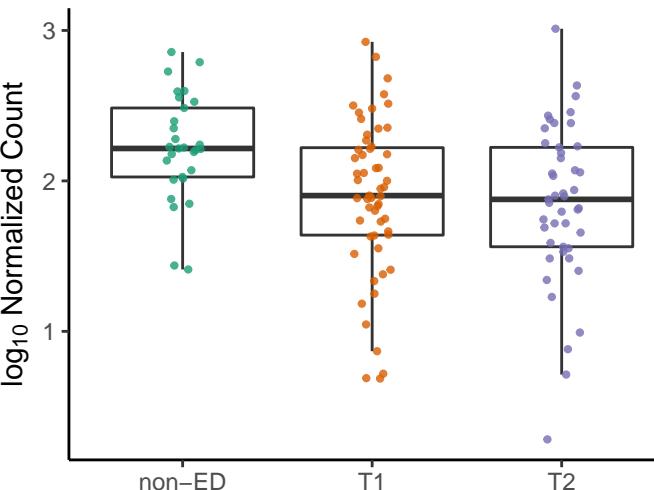
### *Acidimicrobium ferrooxidans*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.88



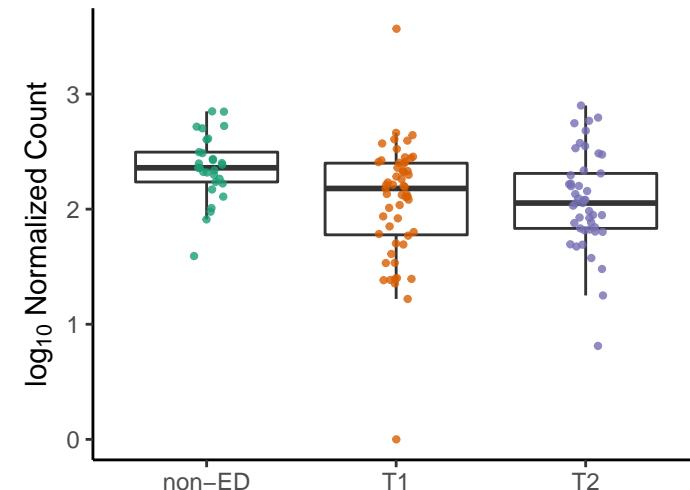
### *Acidovorax carolinensis*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.96



### *Vulgatibacter incomptus*

non-ED vs. T1 adjusted p = 0.0064  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.85

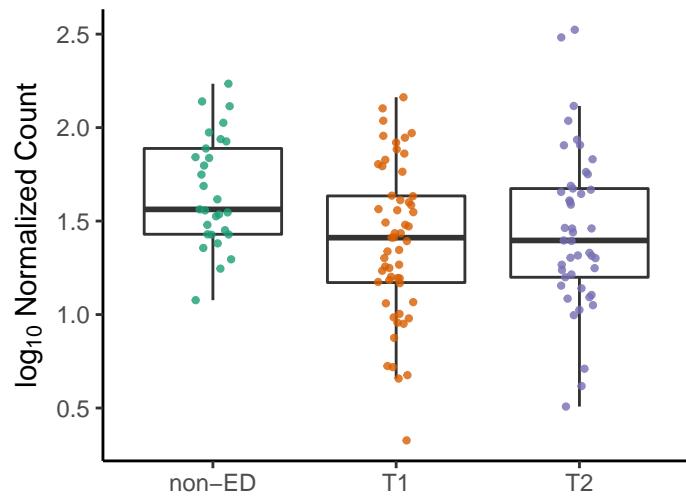


### *Eremothecium cymbalariae*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.037

T1 vs. T2 adjusted p = 0.85

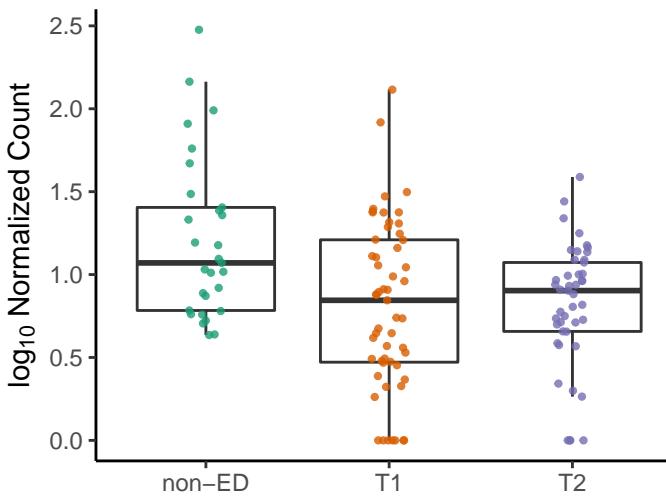


### *Hydrogenovibrio thermophilus*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.0068

T1 vs. T2 adjusted p = 1

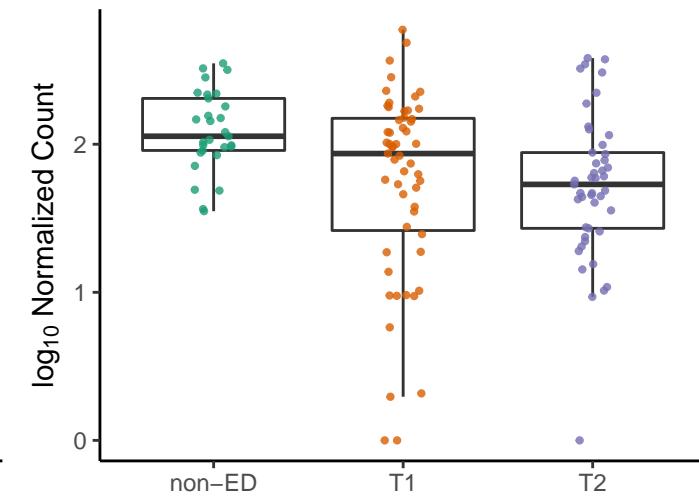


### *Methylobacterium terrae*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.0029

T1 vs. T2 adjusted p = 0.95

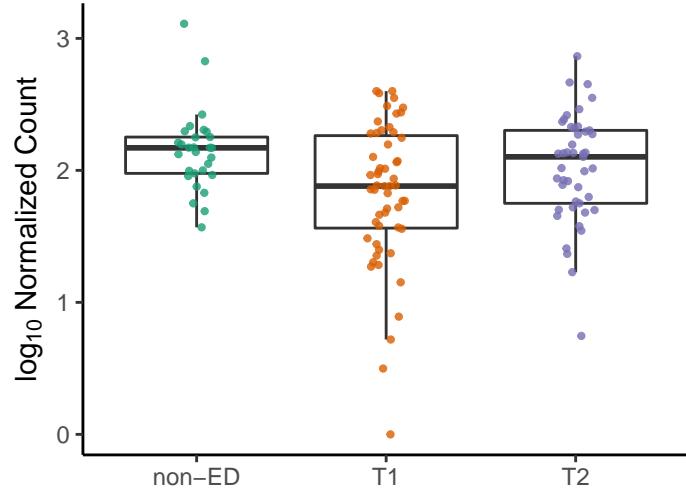


### *Halorhodospira halophila*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.18

T1 vs. T2 adjusted p = 0.79

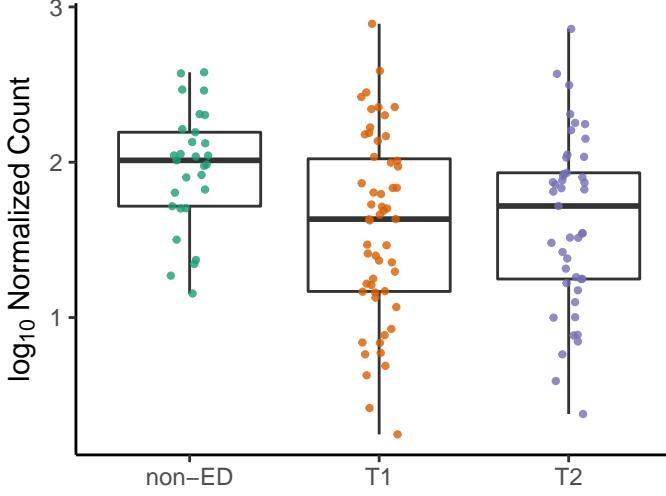


### *Arcobacter sp. L*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.99

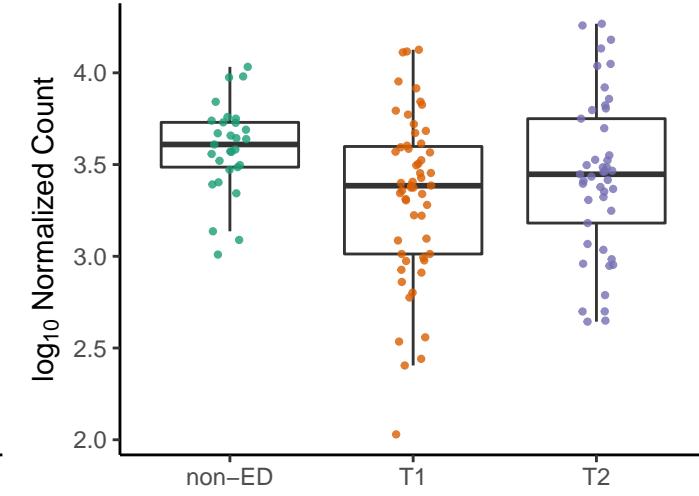


### *Ethanoligenens harbinense*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.099

T1 vs. T2 adjusted p = 0.85

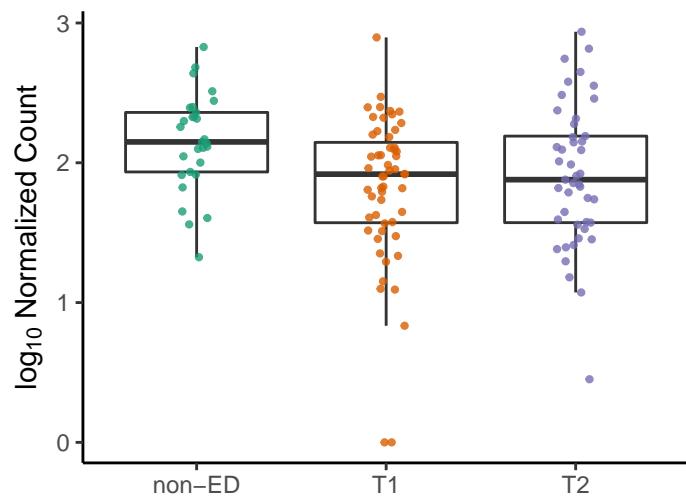


### *Microbacterium oleivorans*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.044

T1 vs. T2 adjusted p = 0.85

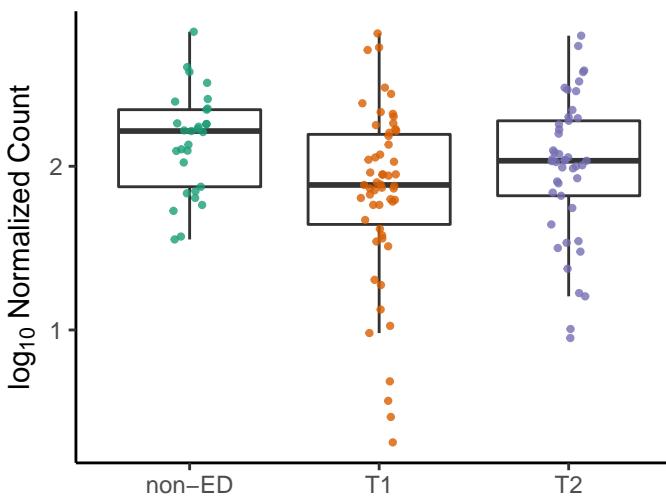


### *Actinoalloteichus hymeniacidonis*

non-ED vs. T1 adjusted p = 0.0065

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.85

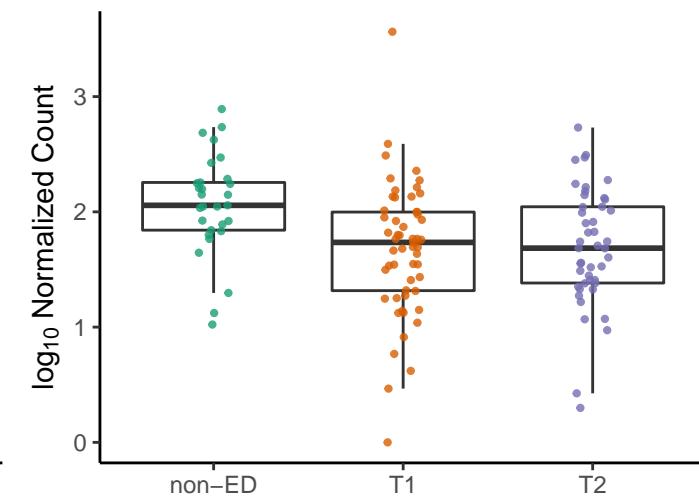


### *Gordonia terrae*

non-ED vs. T1 adjusted p = 0.0065

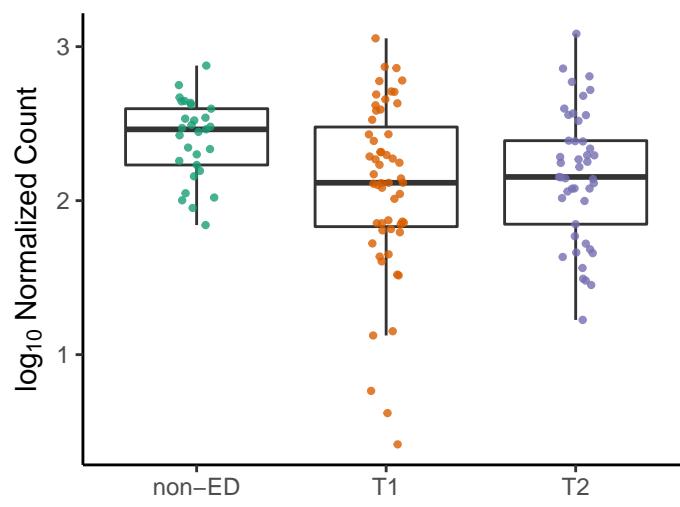
non-ED vs. T2 adjusted p = 0.01

T1 vs. T2 adjusted p = 0.86



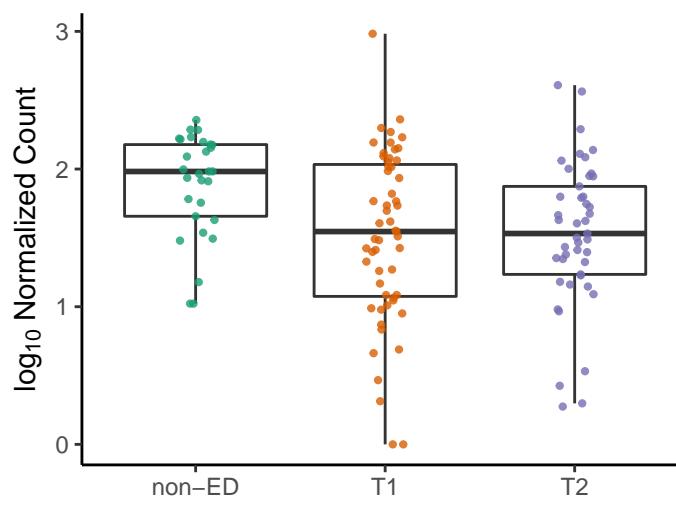
### *Rhodospirillum centenum*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



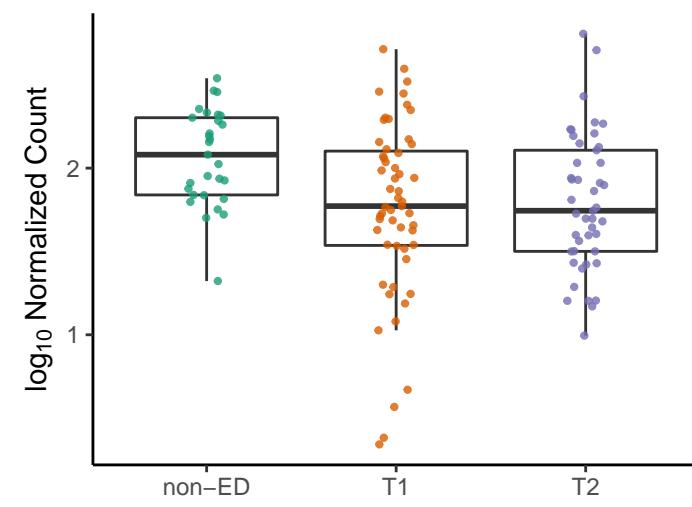
### *Altererythrobacter mangrovi*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.87



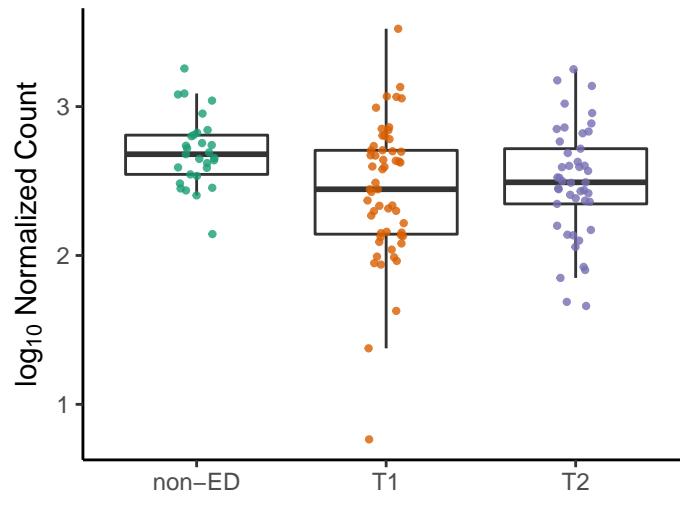
### *Granulicella mallensis*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



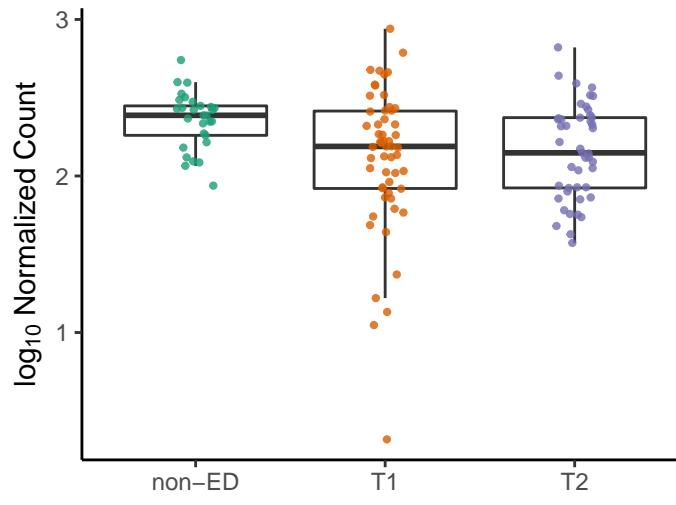
### *Nocardia brasiliensis*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



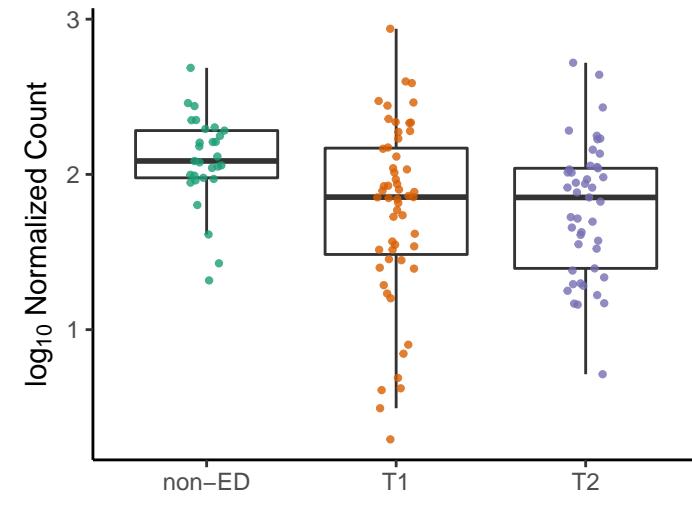
### *Paraoceanicella profunda*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.85



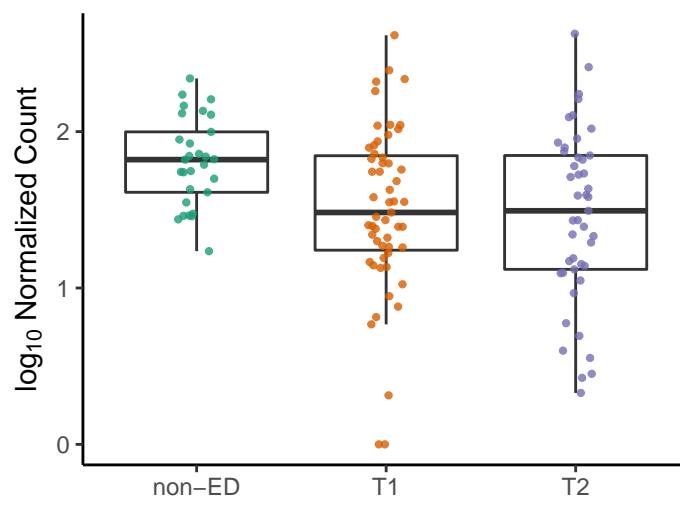
### *Thioclava nitratireducens*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.95



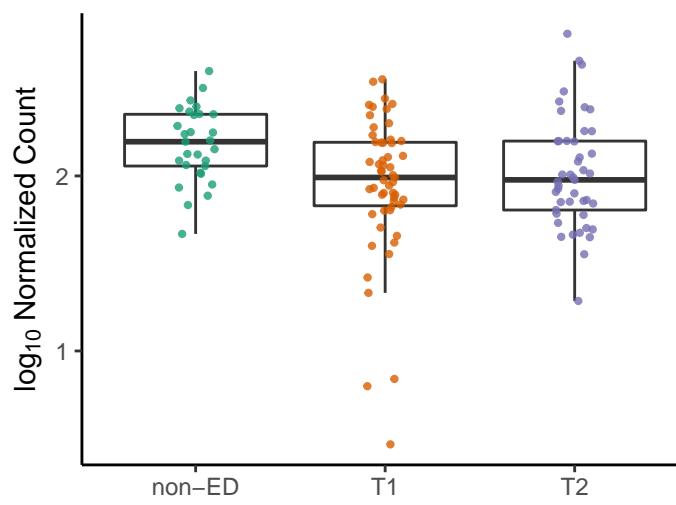
### *Variovorax* sp. PBL-H6

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.0073  
 T1 vs. T2 adjusted p = 0.98



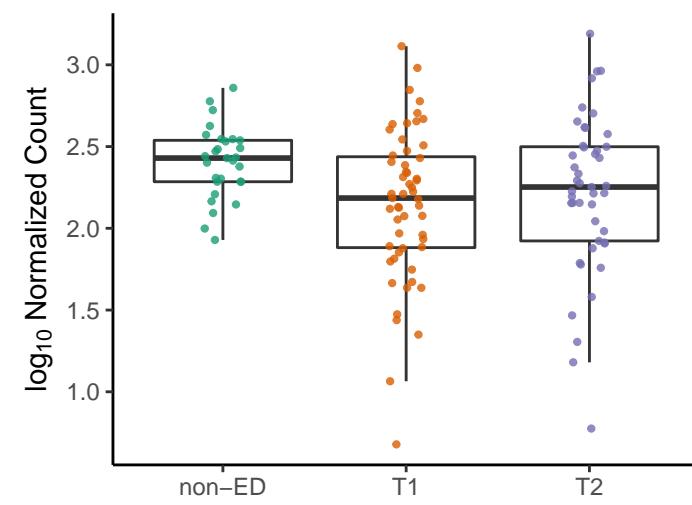
### *Vibrio fluvialis*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



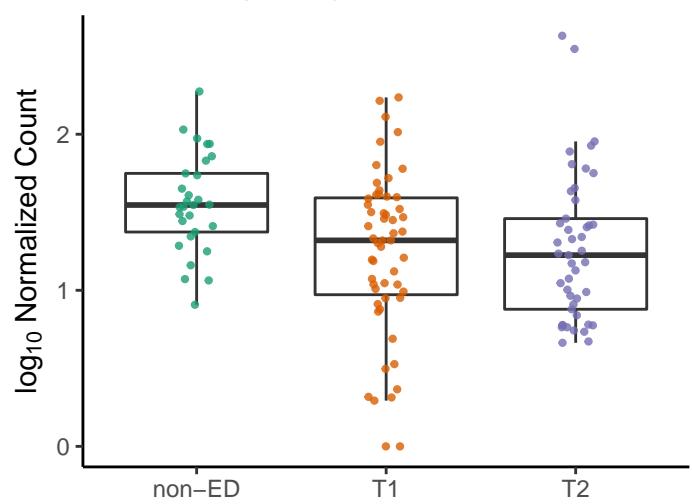
### *Azospirillum* sp. CFH 70021

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



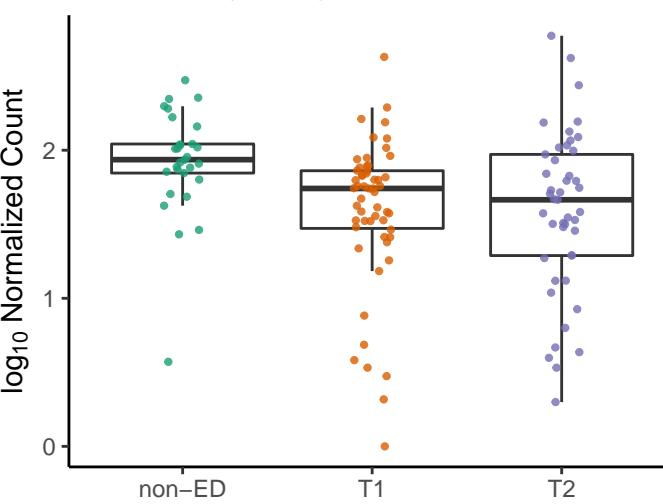
### Aurantimicrobium sp. MWH-Mo1

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.98



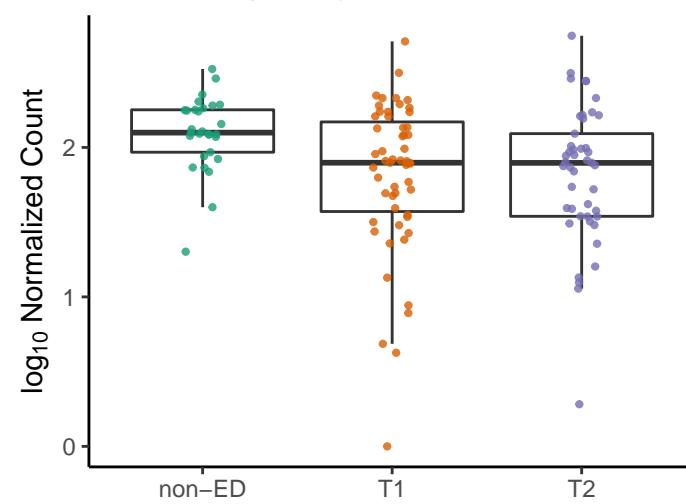
### Planctopirus ephydatiae

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.94



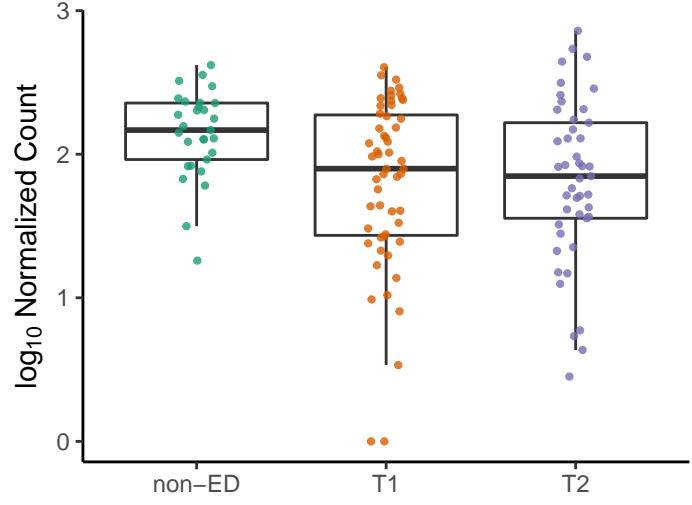
### Microbulbifer sp. SH-1

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.87



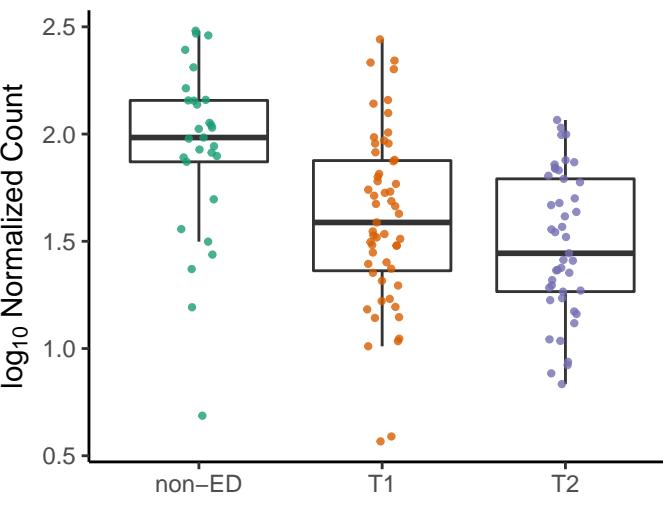
### Methylobacterium aquaticum

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.95



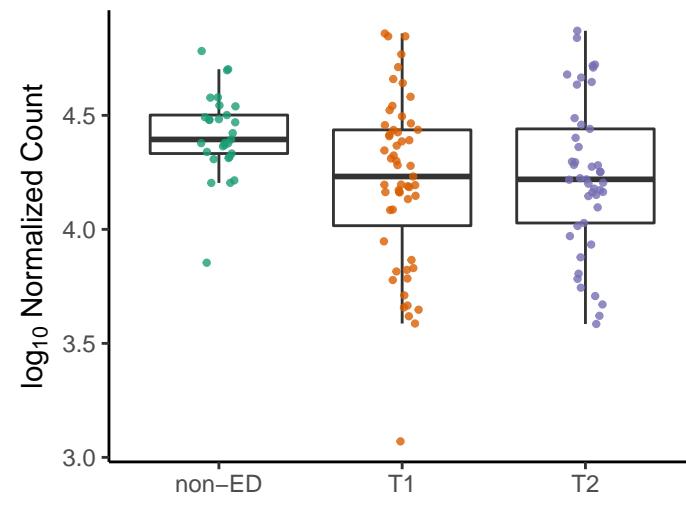
### endosymbiont of Acanthamoeba sp. UV

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.0018  
T1 vs. T2 adjusted p = 0.85



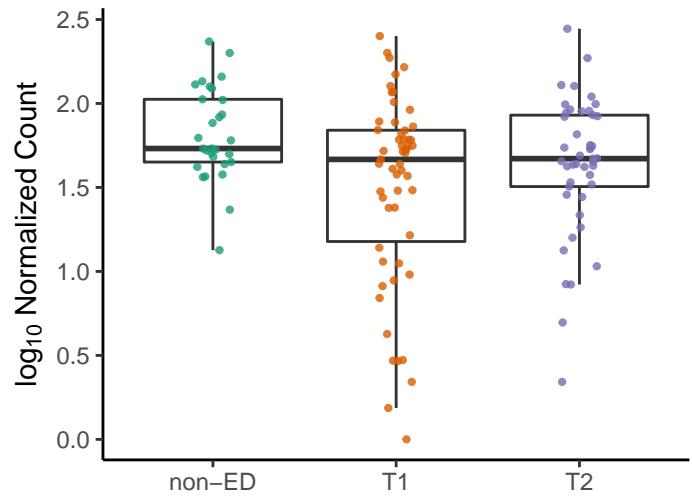
### Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



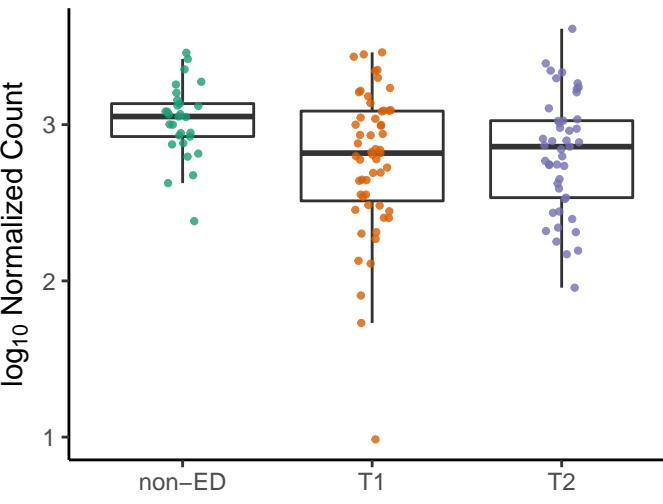
### Sulfitobacter sp. BSw21498

non-ED vs. T1 adjusted p = 0.0066  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.85



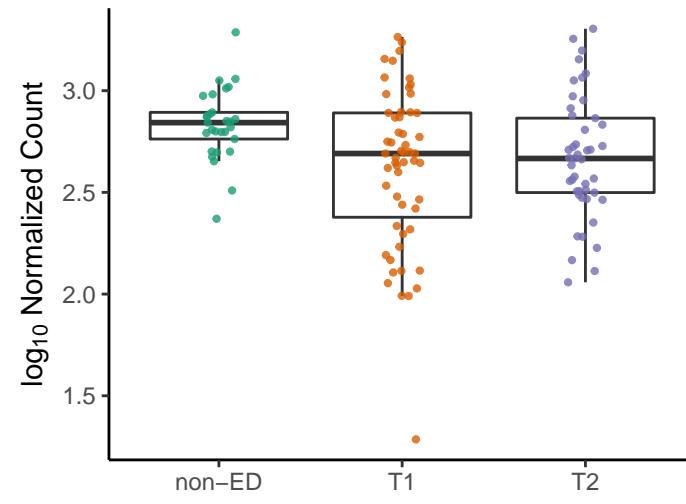
### Unclassified Corynebacterales Order

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



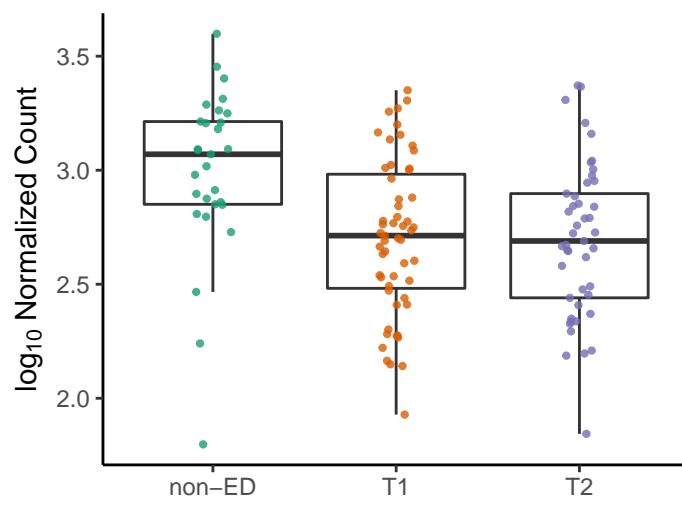
### Unclassified Halomonas Genus

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.85



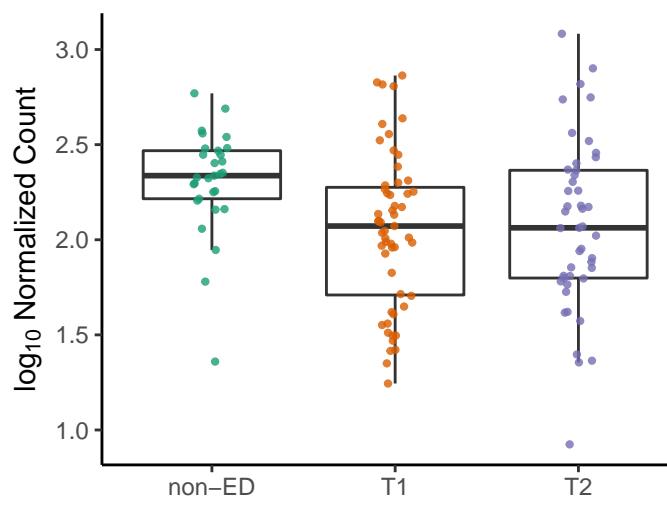
### Unclassified Clostridiaceae Family

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.98



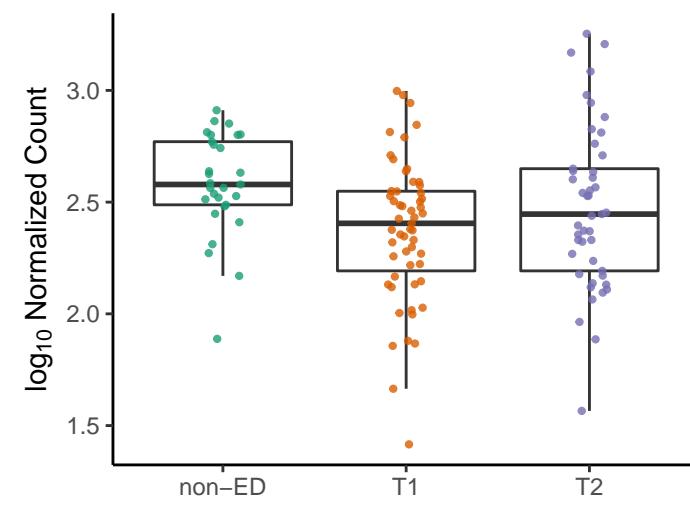
### *Leptotrichia* sp. oral taxon 212

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.98



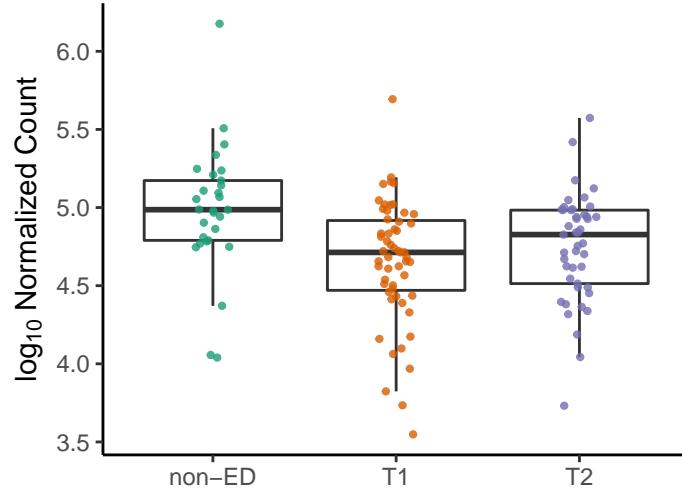
### *Paenibacillus* sp. FSL R7-0273

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.84



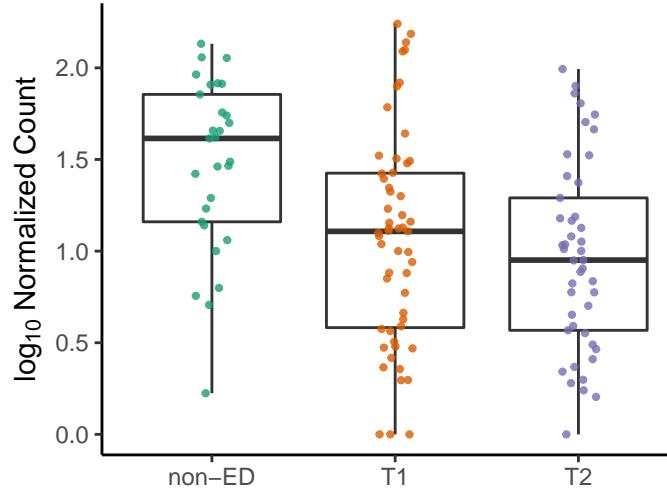
### *Roseburia hominis*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



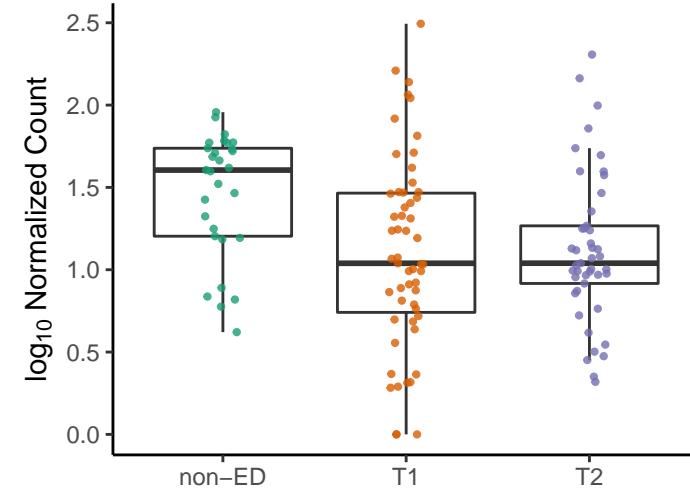
### *Spiroplasma monobiae*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.85



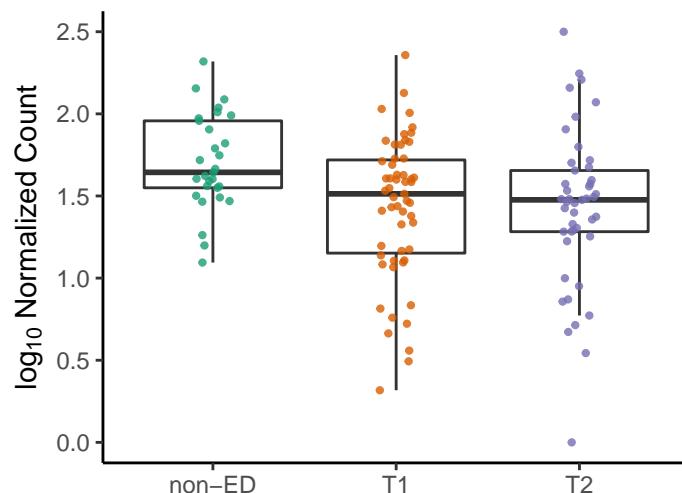
### *Natronolimnobius sulfurireducens*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.0084  
T1 vs. T2 adjusted p = 0.92



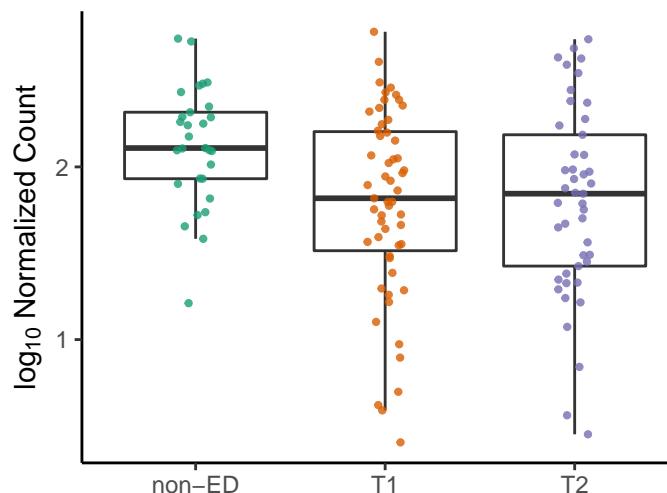
### *Serratia proteamaculans*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.94



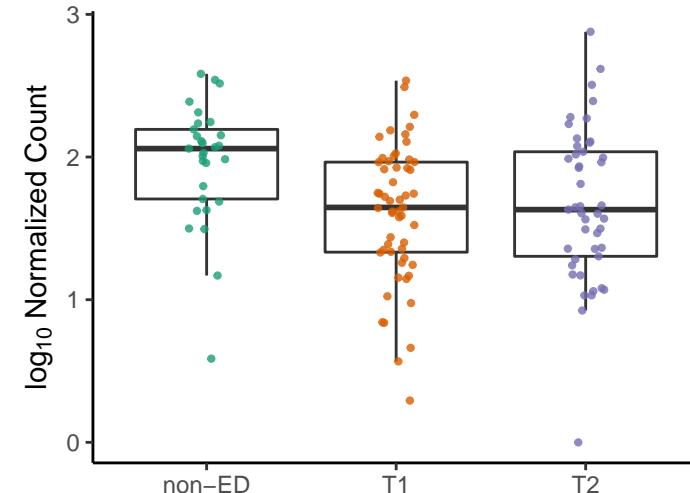
### *Streptomyces subrutilus*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.99



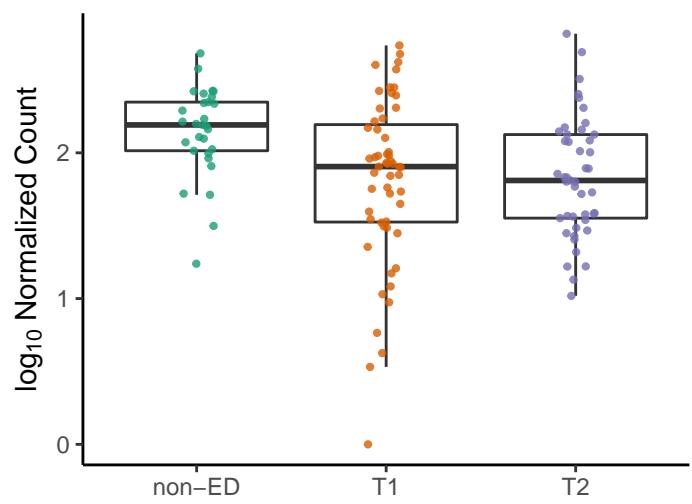
### *Corynebacterium imitans*

non-ED vs. T1 adjusted p = 0.0067  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.91



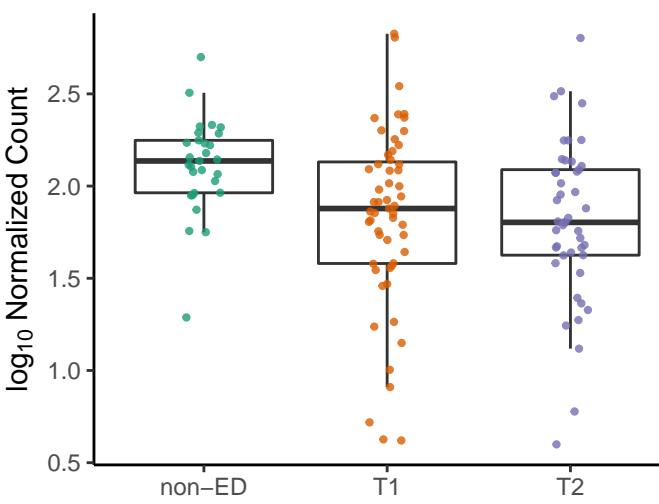
### *Epibacterium mobile*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.0056  
 T1 vs. T2 adjusted p = 0.92



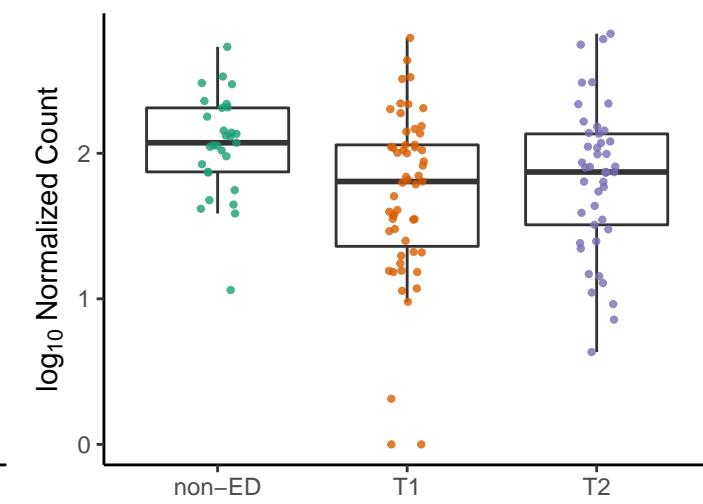
### *Fibrella sp. ES10-3-2-2*

non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.0057  
 T1 vs. T2 adjusted p = 0.99



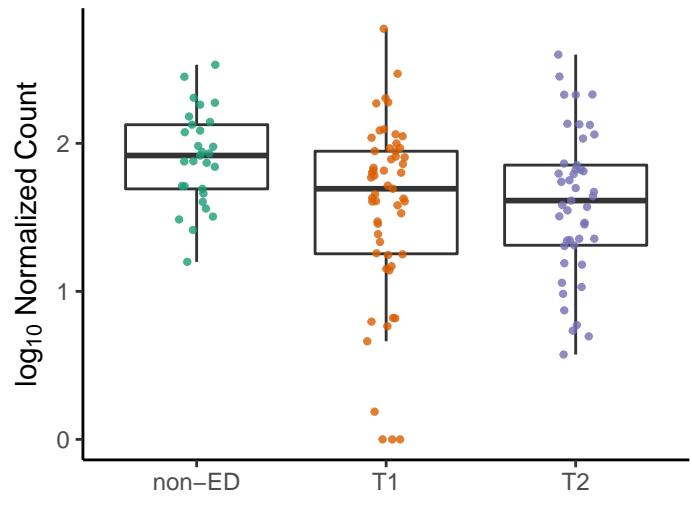
### Unclassified Nocardioidaceae Family

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



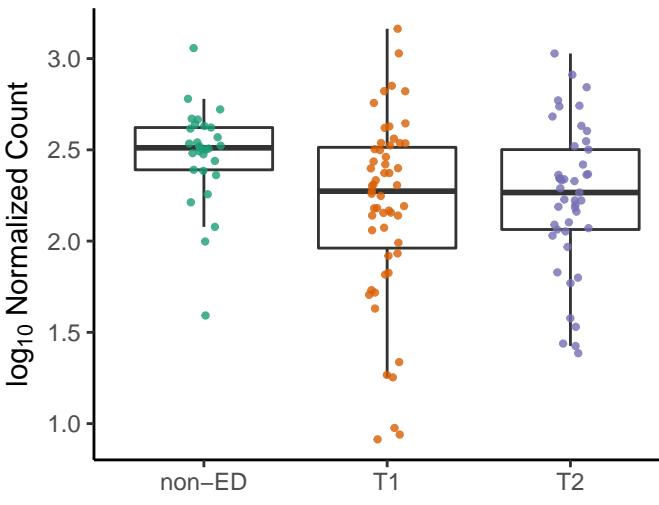
### *Phenylbacterium sp. HYN0004*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



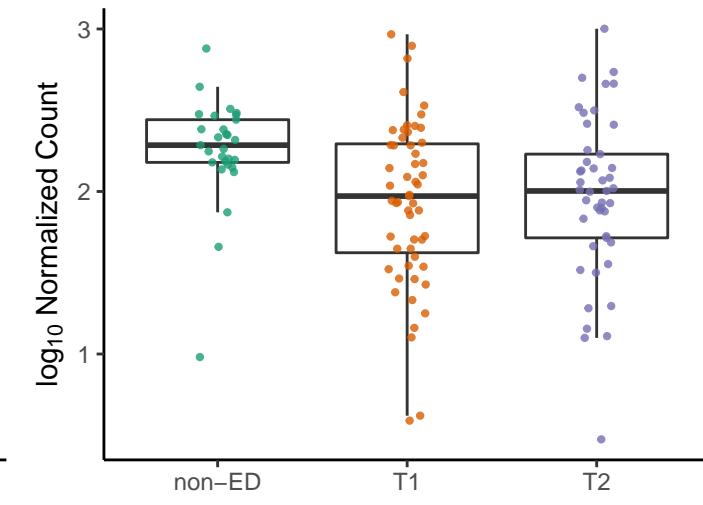
### *Pseudodesulfovibrio aespoeensis*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



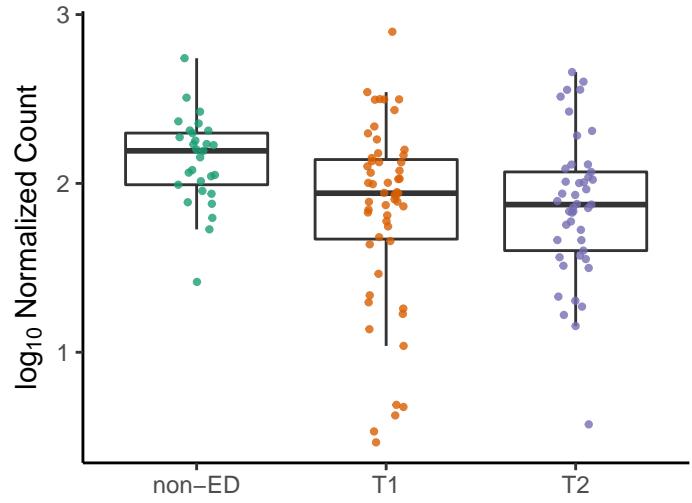
### *Rhodoplanes sp. Z2-YC6860*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.88



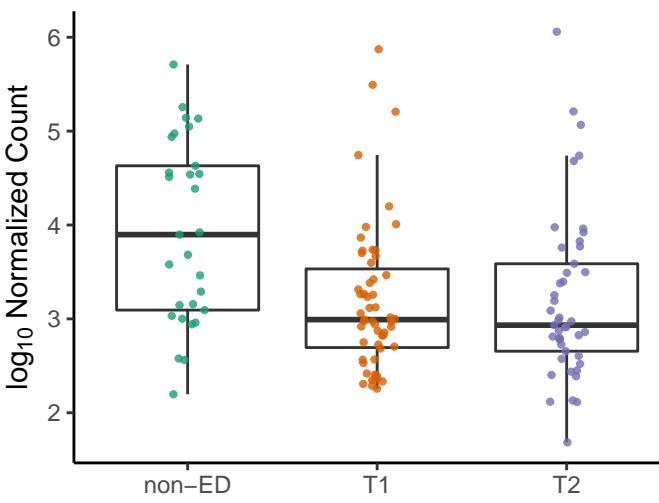
### *Azoarcus sp. KH32C*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.92



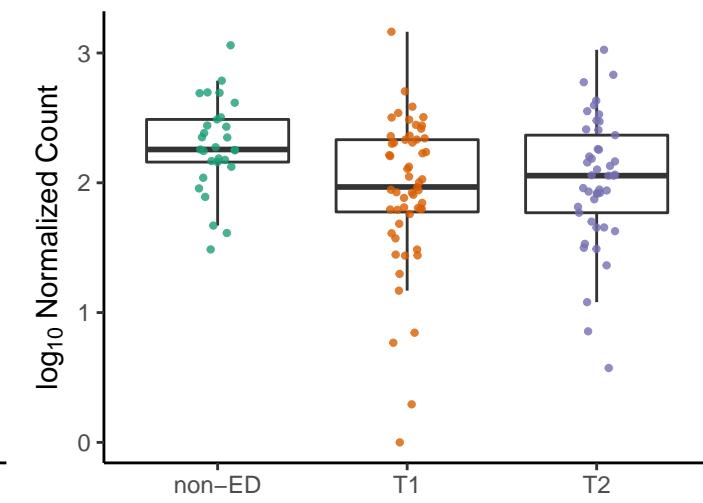
### *Bifidobacterium catenulatum*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.86



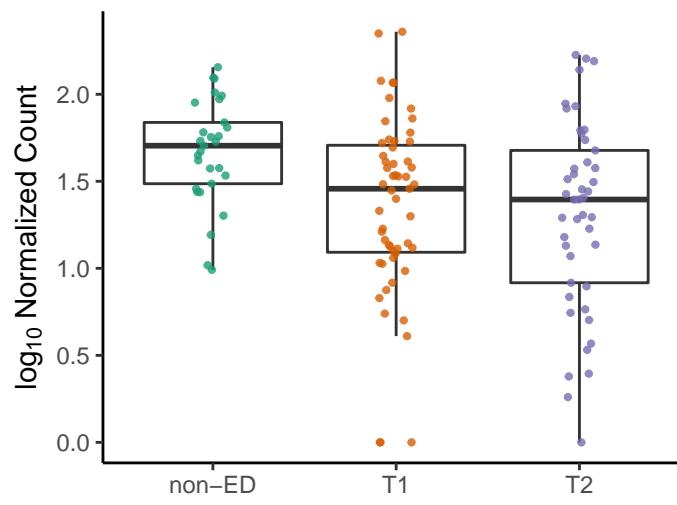
### *Haloactinobacterium sp. HY164*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



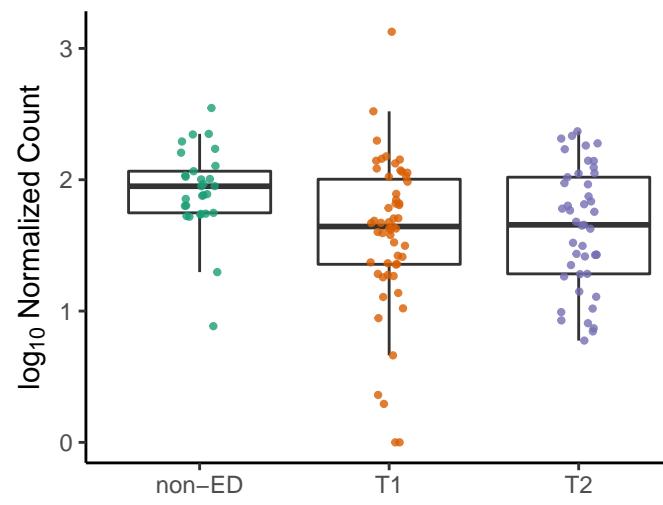
### *Mycoplasma citelli*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.86



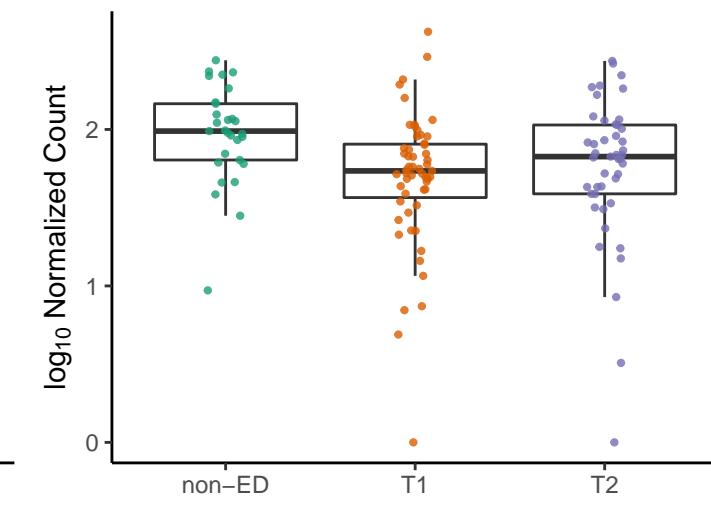
### *Ferriphaselus amnicola*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



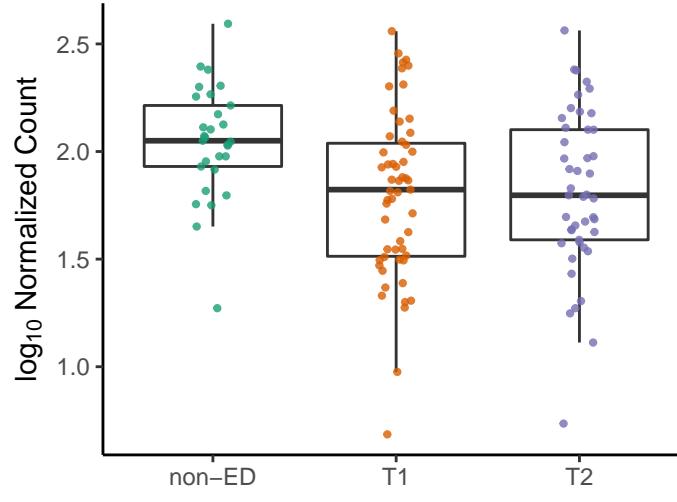
### *Bacillus tequilensis*

non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.86



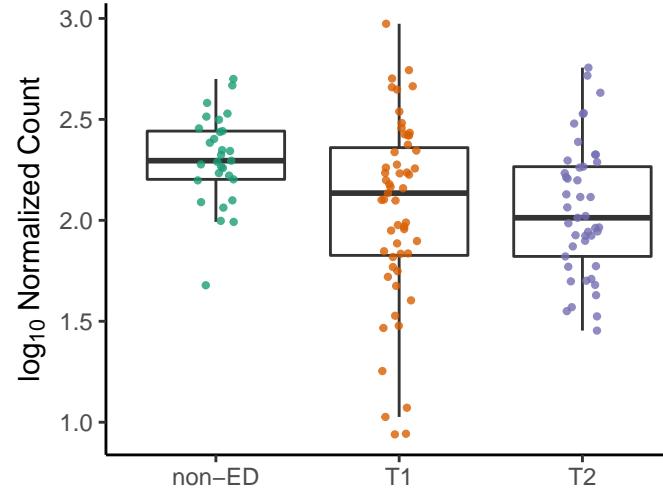
### *Desulfotalea psychrophila*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



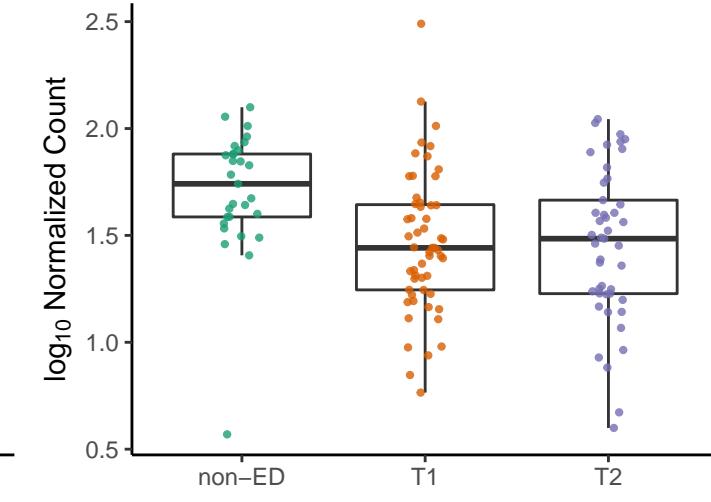
### *Desulfovibrio ferrophilus*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.98



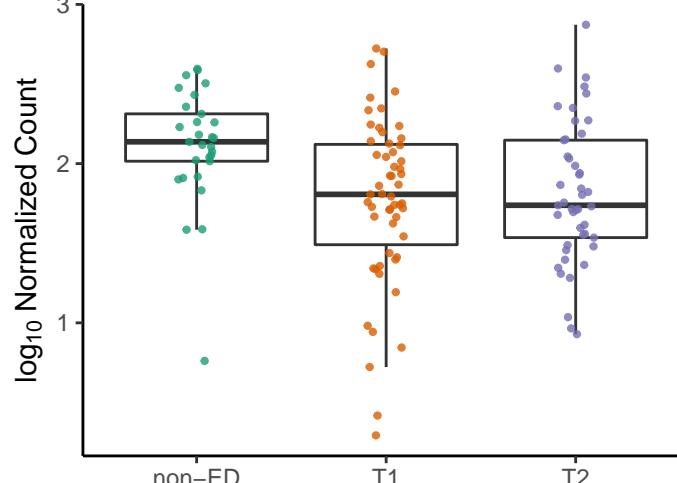
### *Sulfurovum sp. NBC37-1*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.95



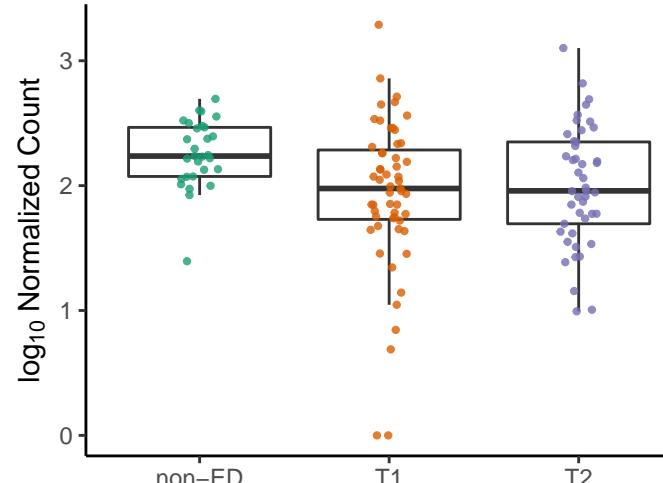
### *Chitinolyticbacter meiyuanensis*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.91



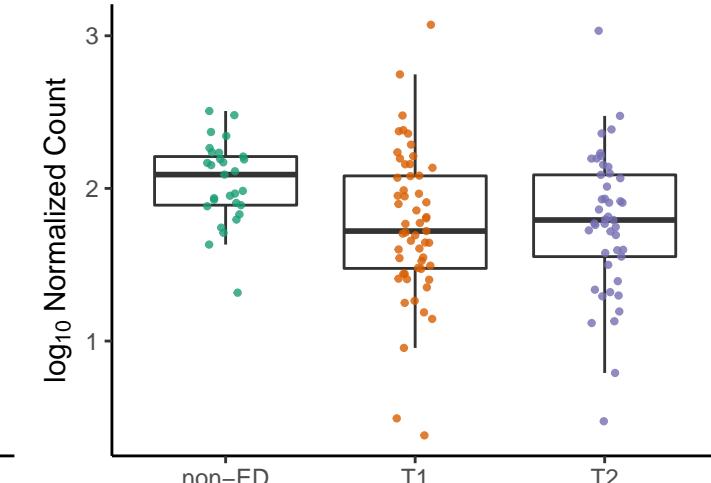
### *Hypericibacter terrae*

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



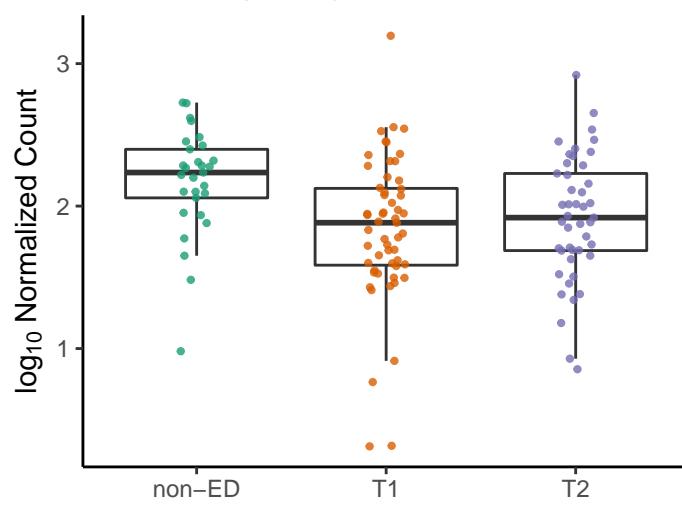
### *Mucilaginibacter ginsenosidivorans*

non-ED vs. T1 adjusted p = 0.0069  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.97



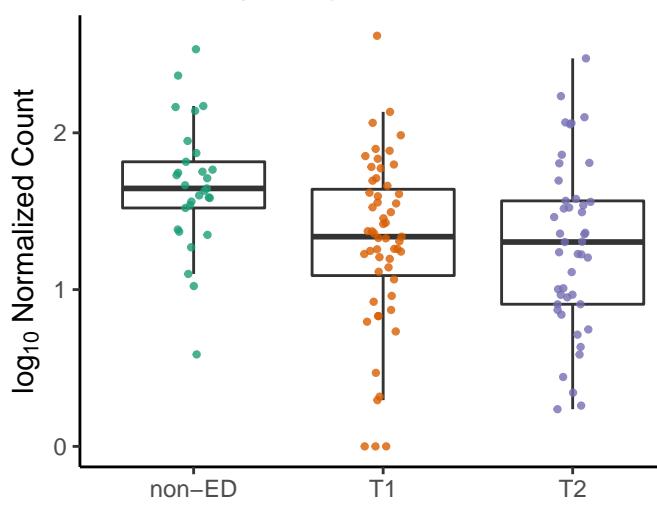
### Nitratireductor sp. OM-1

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



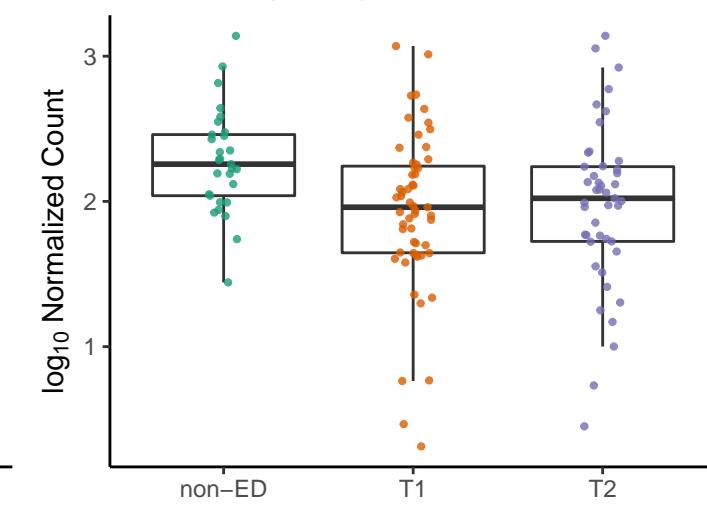
### Pseudomonas sp. ACM7

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.98



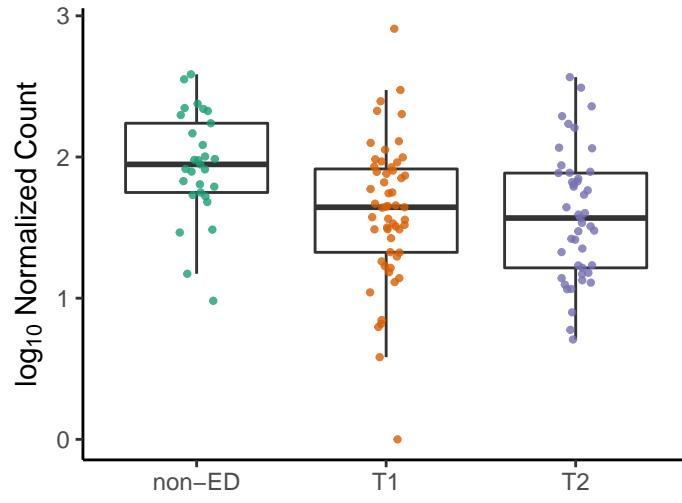
### Salipiger profundus

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



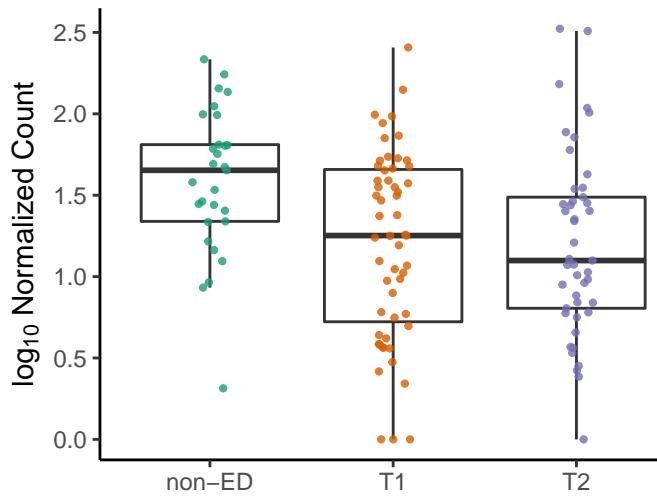
### Streptomyces violaceusniger

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.93



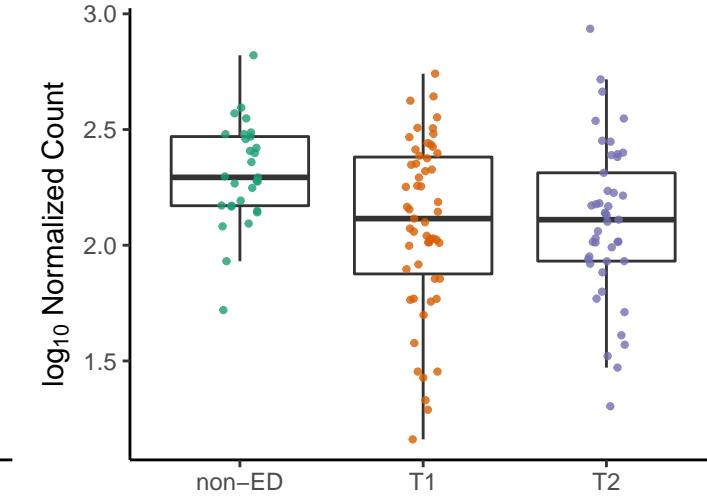
### Burkholderia pseudomultivorans

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.94



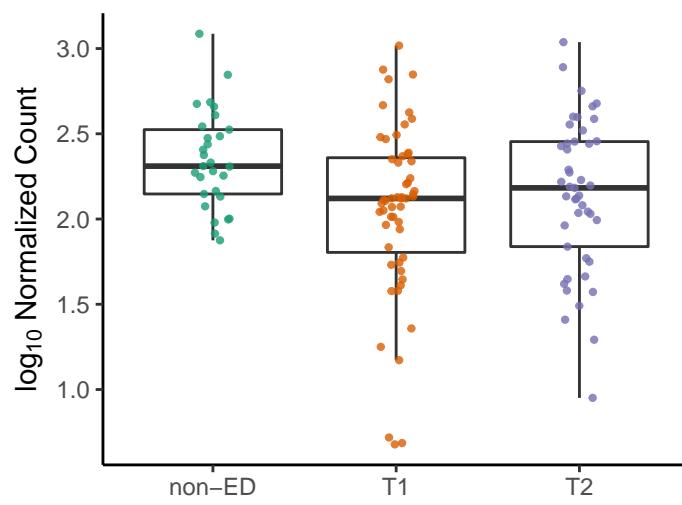
### Sinorhizobium meliloti

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.91



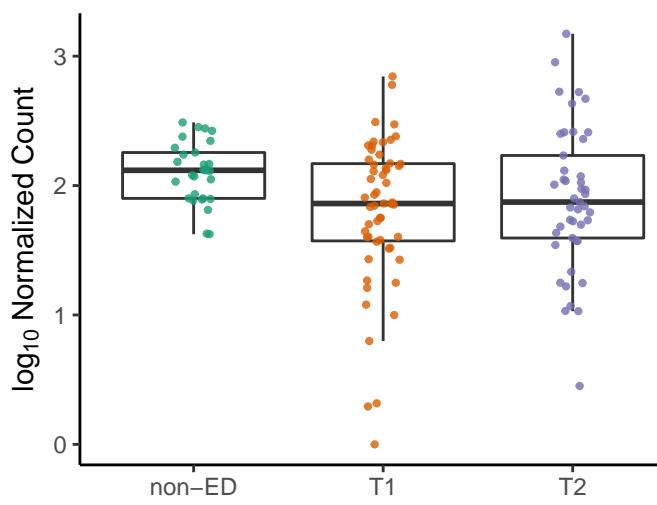
### Chondromyces crocatus

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.85



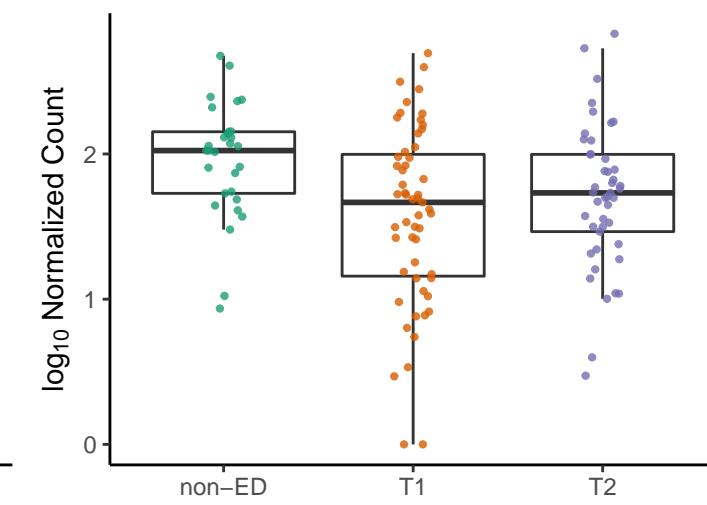
### Microvirga sp. 17 mud 1-3

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.85



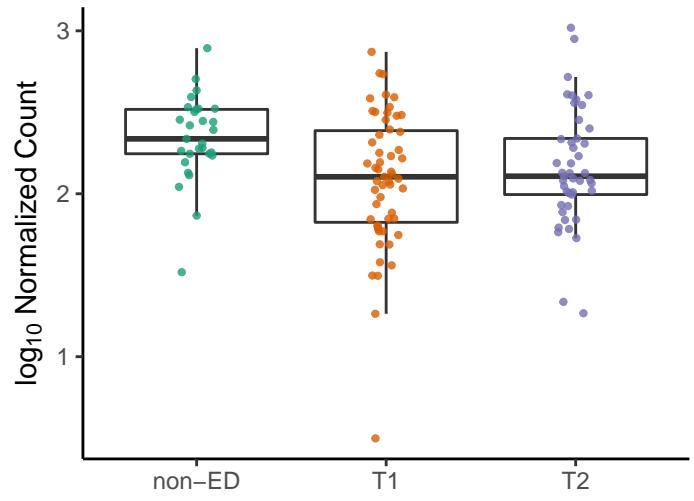
### Spiribacter roseus

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.85



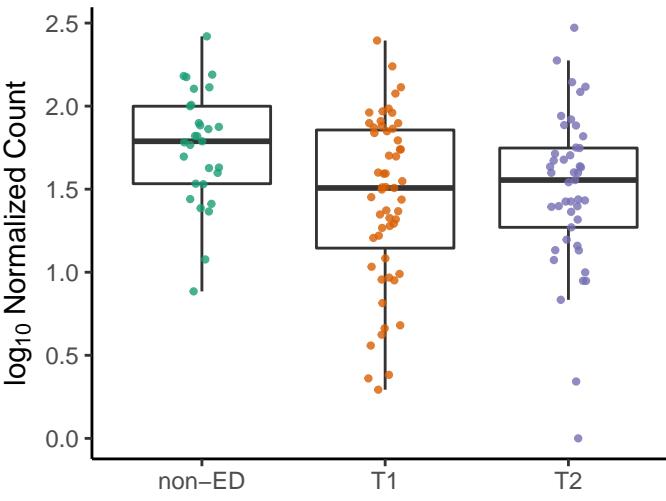
### *Desulfobacterium autotrophicum*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



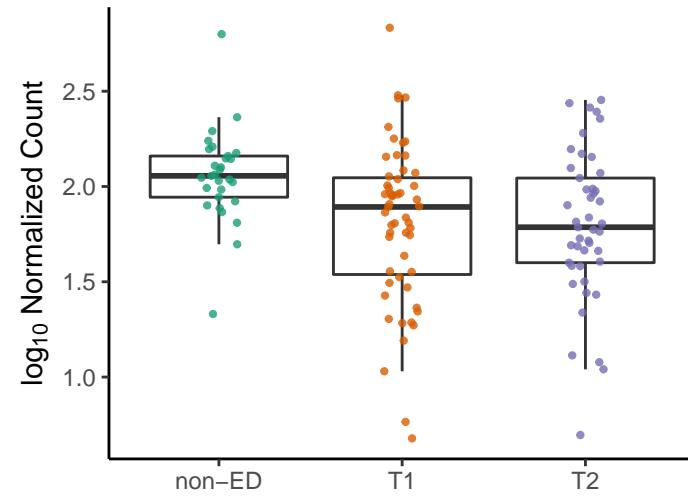
### *Ectothiorhodospiraceae bacterium BW-*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



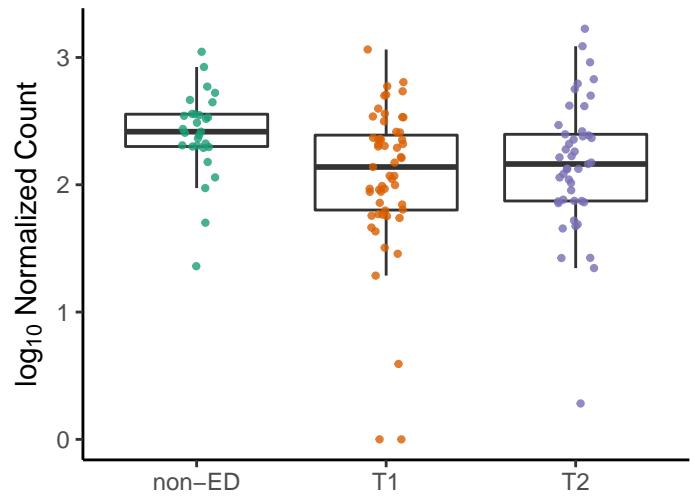
### *Crateriforma conspicua*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.0078  
 T1 vs. T2 adjusted p = 0.93



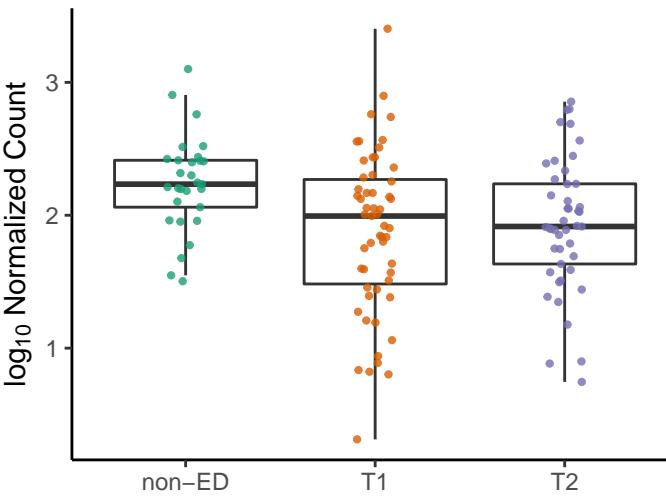
### *Anaeromyxobacter dehalogenans*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



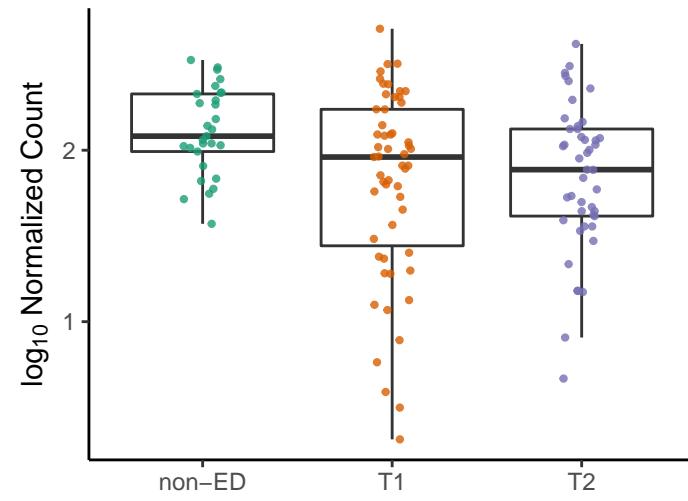
### *Caulobacter vibrioides*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



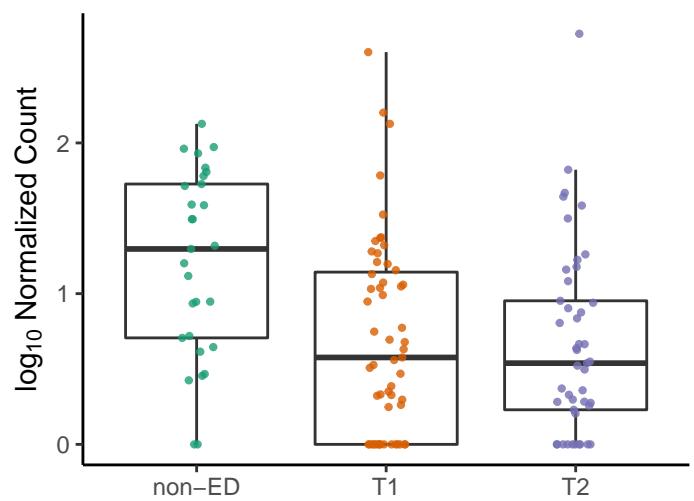
### *Mycobacterium dioxanotrophicus*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.92



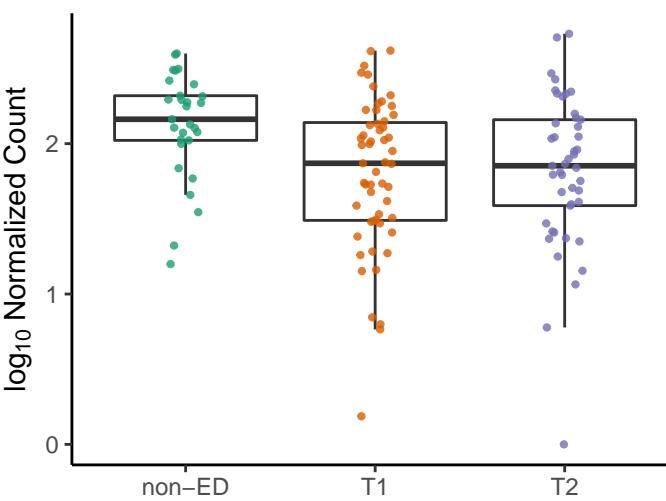
### *Stenotrophomonas sp. ASS1*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.87



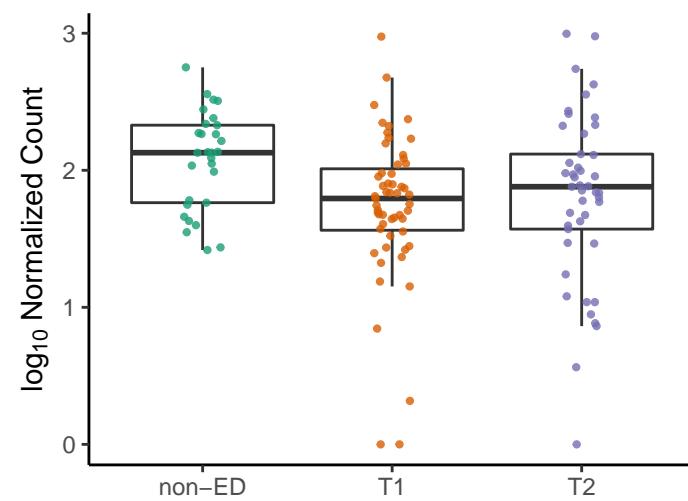
### *Phreatobacter sp. NMCR1094*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.88



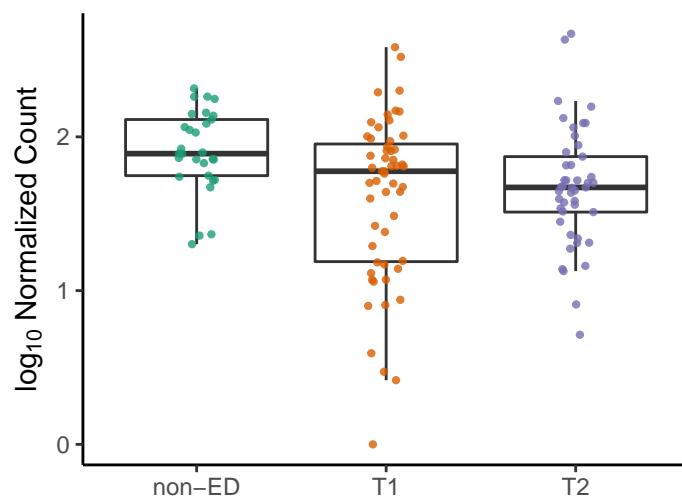
### *Sphingomonas insulae*

non-ED vs. T1 adjusted p = 0.007  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



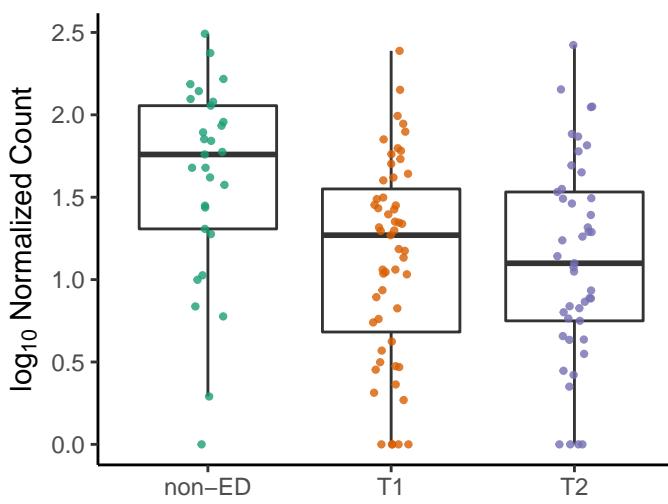
### Unclassified Caballeronia Genus

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.87



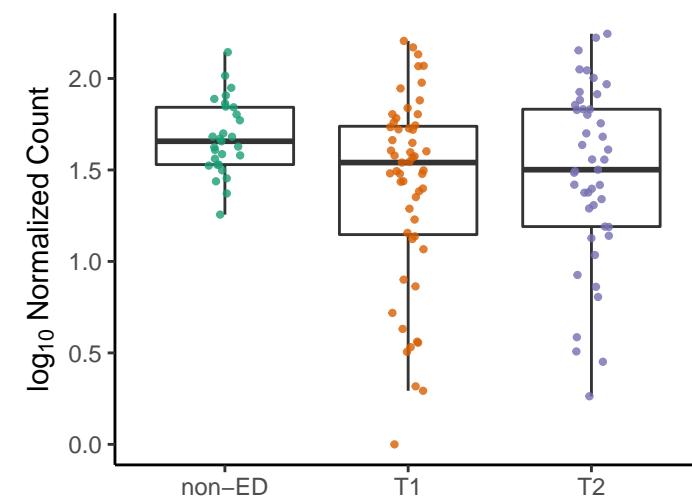
### Unclassified Serinicoccus Genus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.95



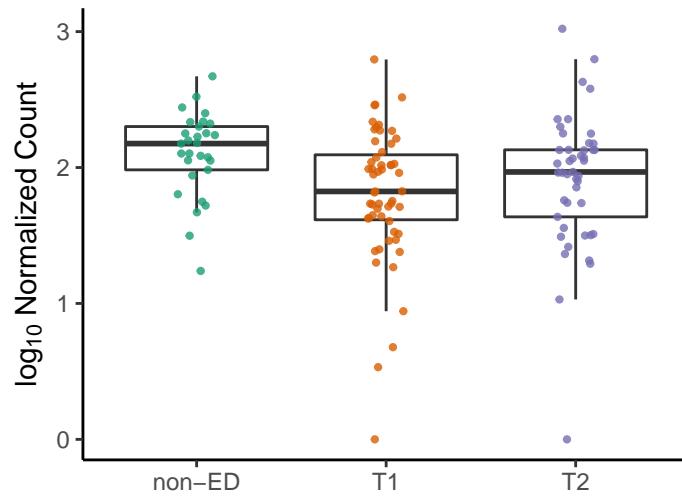
### Eremothecium gossypii

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.87



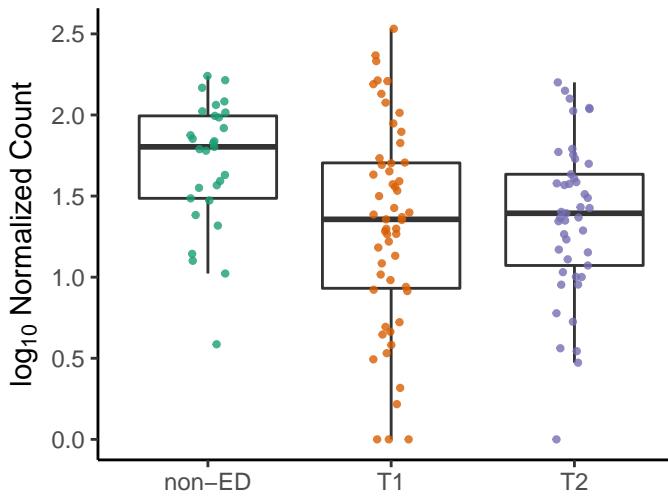
### Streptomyces coeruleorubidus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.85



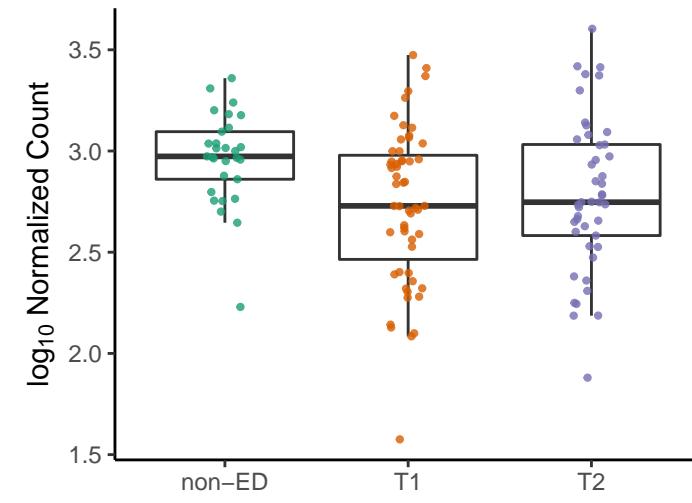
### Unclassified Bosea Genus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.87



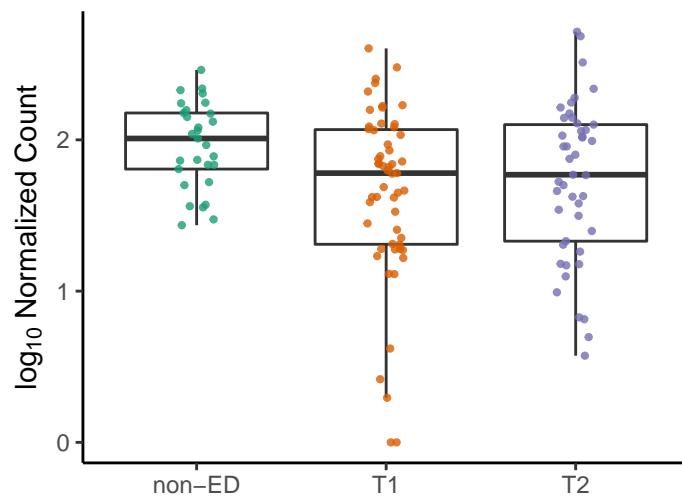
### Unclassified Rhizobium Genus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



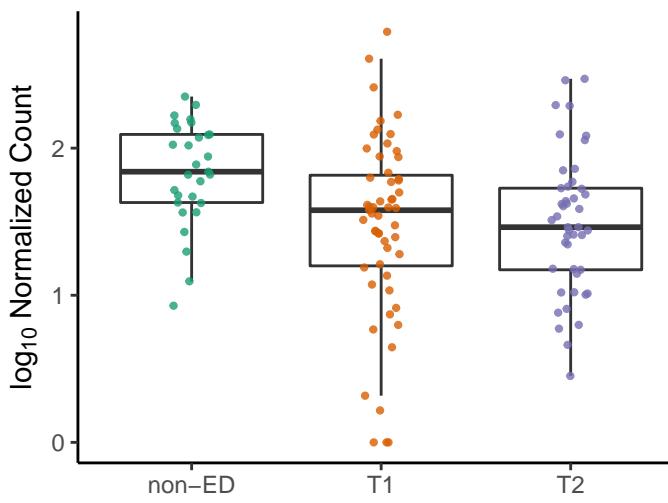
### Wenzhouxiangella marina

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



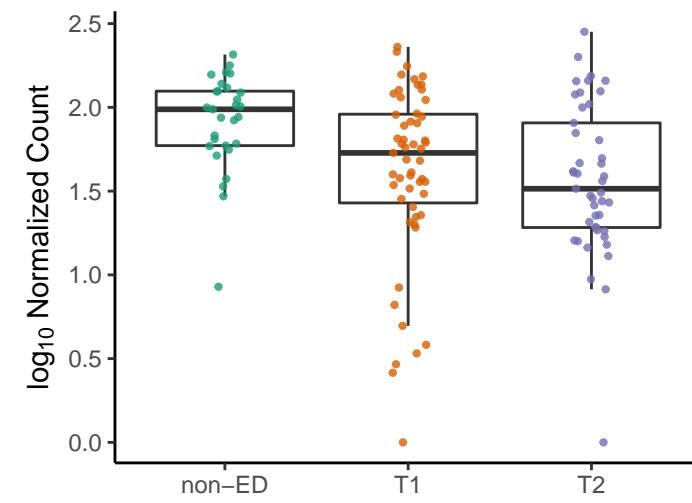
### Brevibacterium sp. o2

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0066  
T1 vs. T2 adjusted p = 0.92



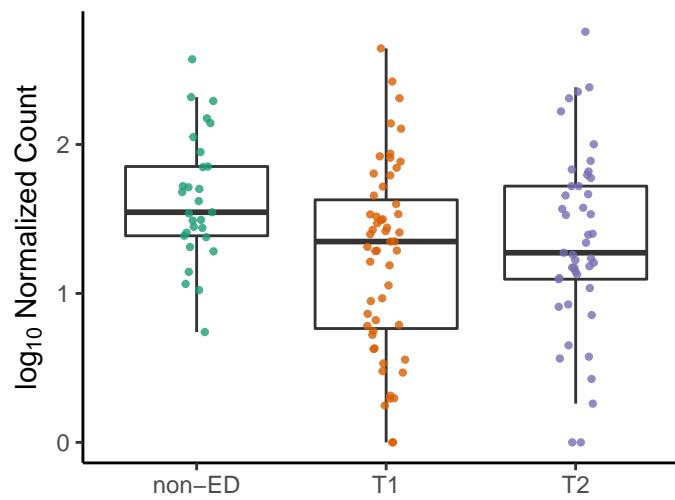
### Bradyrhizobium sp. 1(2017)

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.87



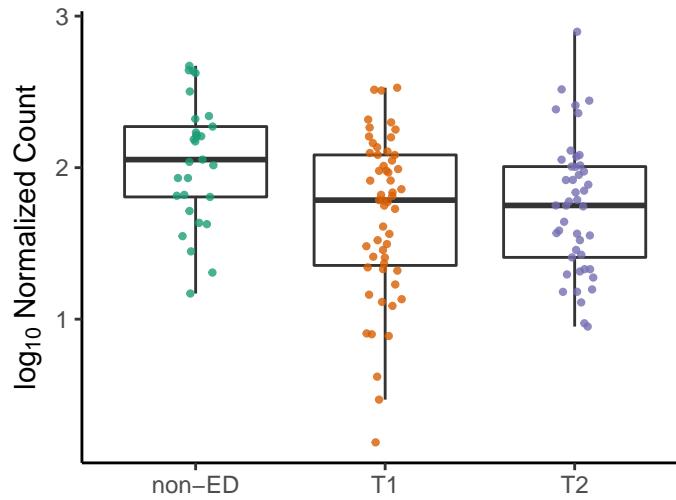
### Brevundimonas sp. SGAir0440

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.85



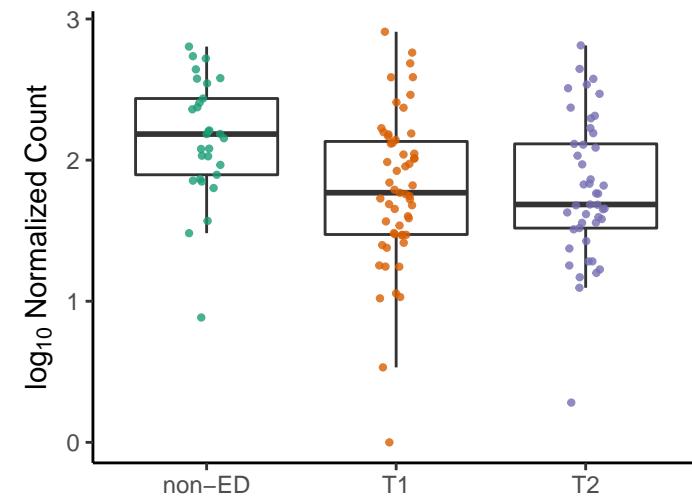
### Sphingosinicella sp. BN140058

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.85



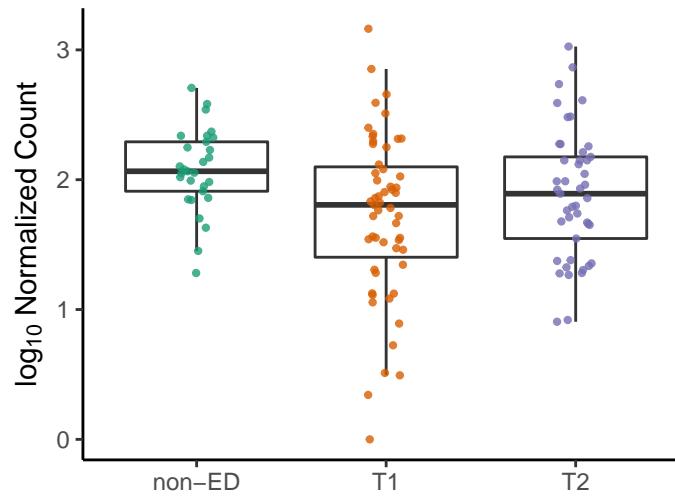
### Unclassified Erythrobacteraceae Family

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0099  
T1 vs. T2 adjusted p = 0.94



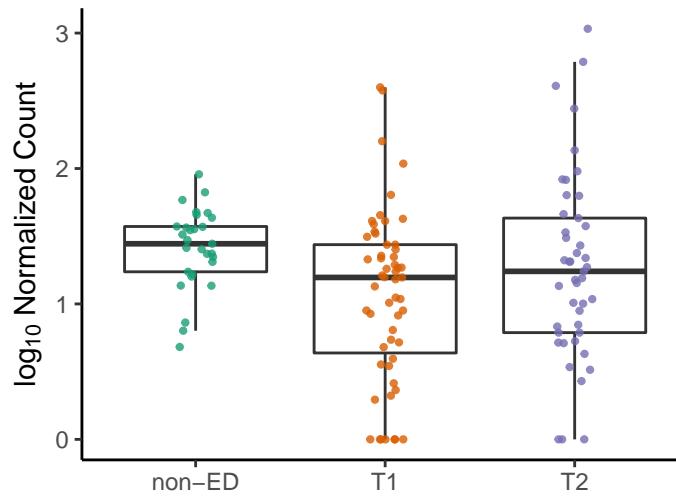
### Burkholderia contaminans

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.85



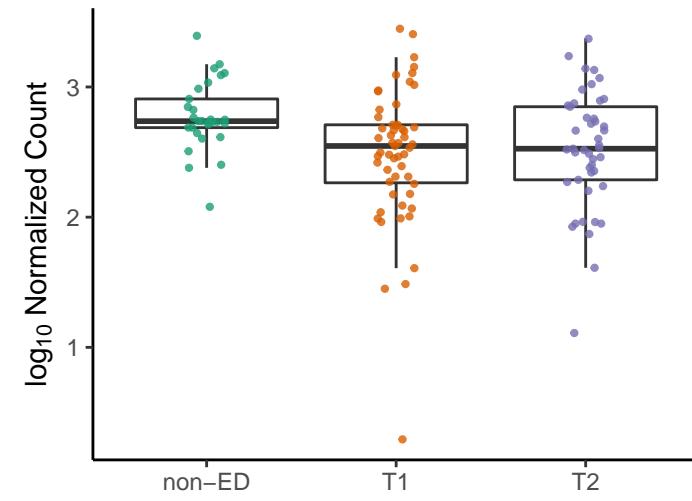
### Halomicrombium sp. LC1Hm

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.85



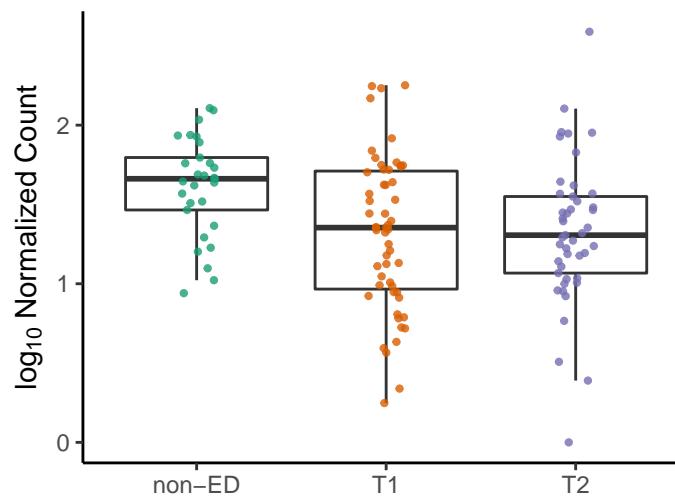
### Unclassified Azospirillum Genus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



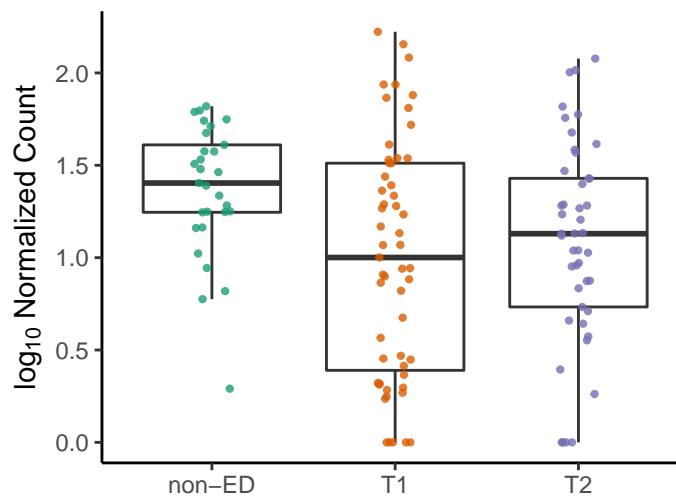
### Campylobacter hyoilealis

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.98



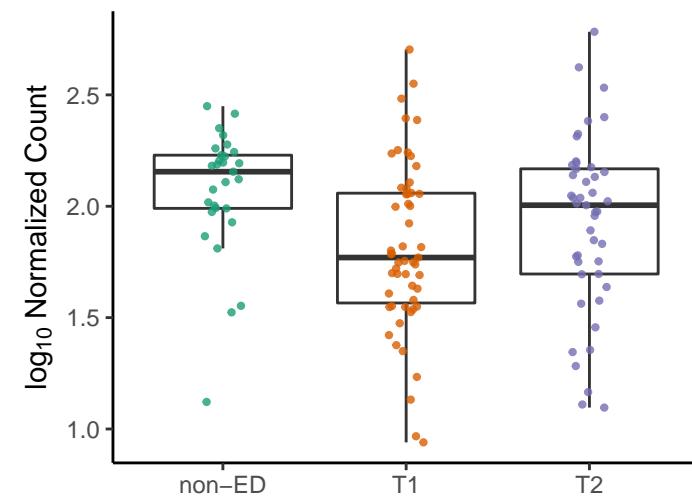
### Unclassified Desulfosarcina Genus

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85

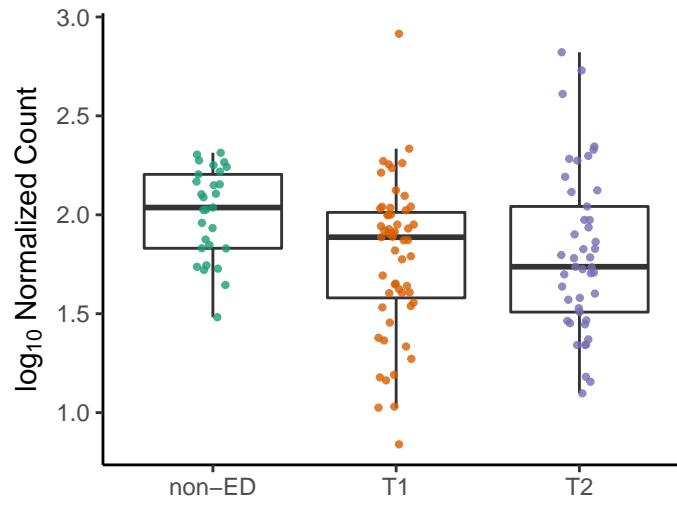


### Geobacillus thermodenitrificans

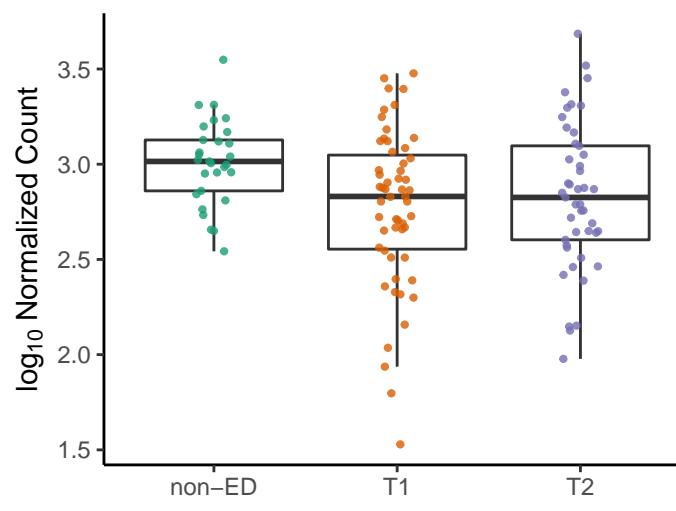
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.85



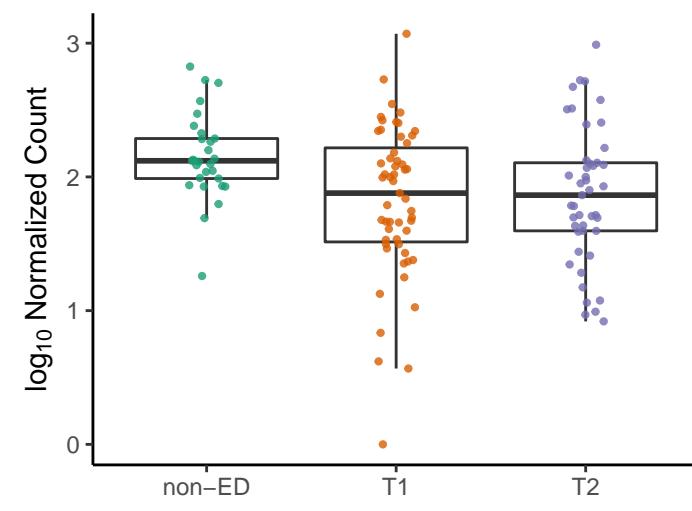
*Chryseobacterium arthrosphaerae*  
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



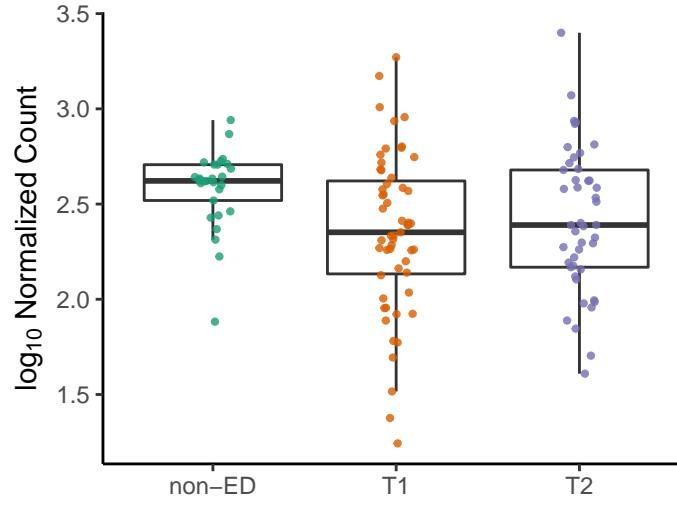
Unclassified Burkholderiaceae Family  
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



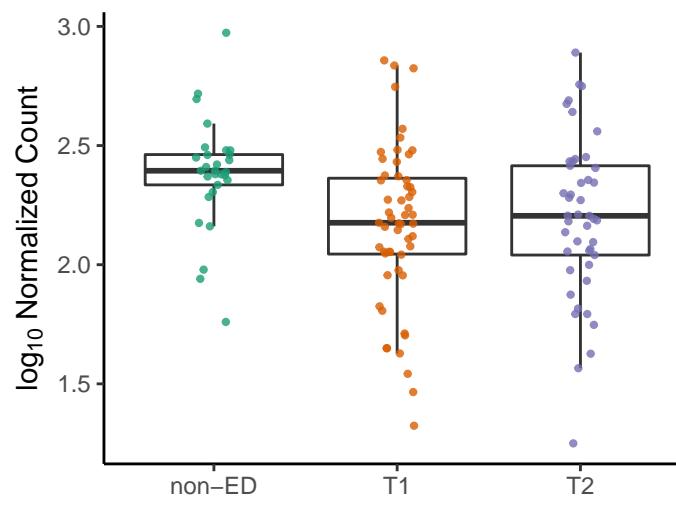
*Amycolatopsis methanolica*  
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



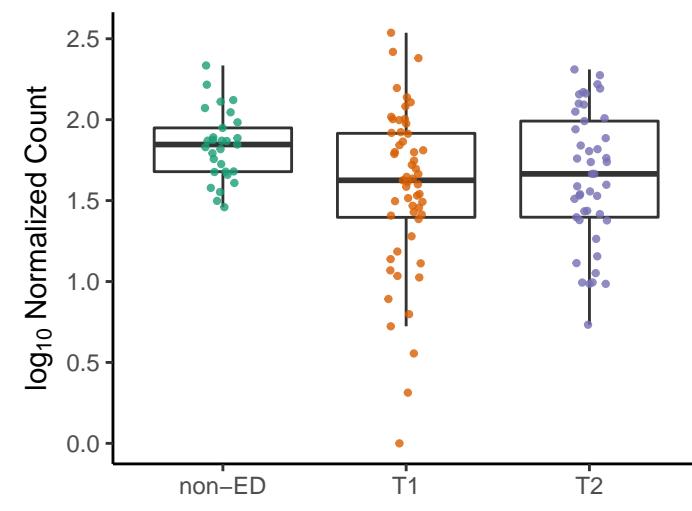
Unclassified Chromobacterium Genus  
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.85



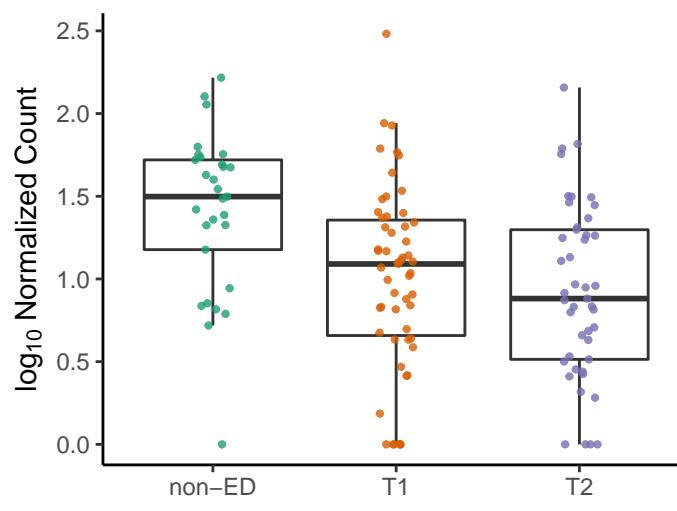
Unclassified Pectobacterium Genus  
non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.85



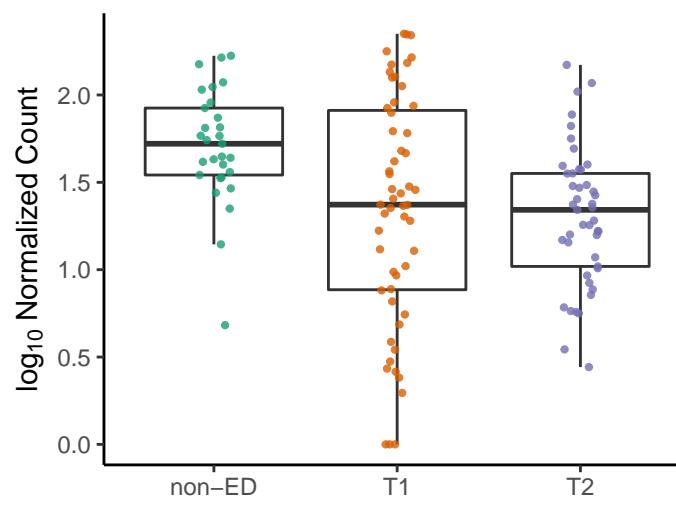
*Microbulbifer* sp. THAF38  
non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.85



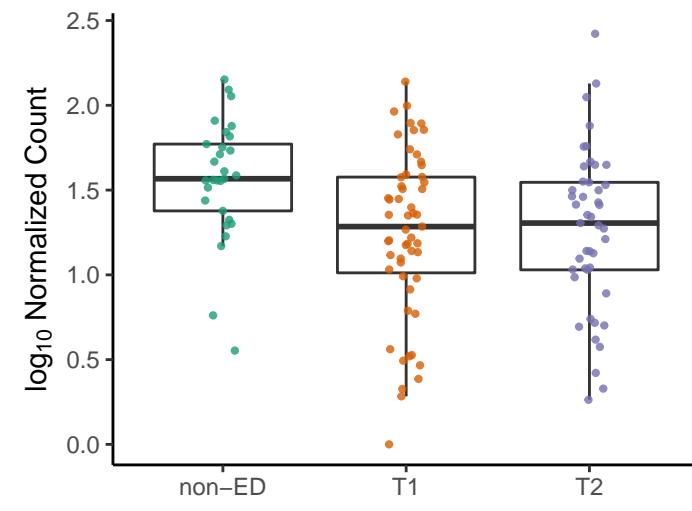
*Pseudomonas* sp. SGAir0191  
non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.87



*Novosphingobium tardaugens*  
non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.0019  
T1 vs. T2 adjusted p = 0.93

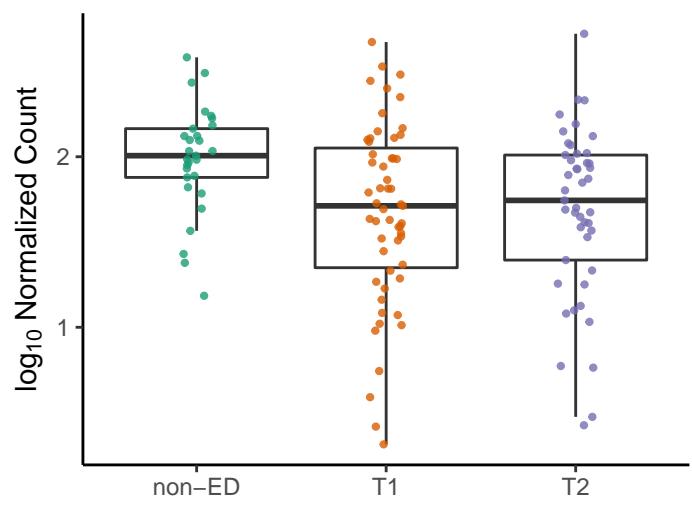


Unclassified *Methylomicrobium* Genus  
non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.91



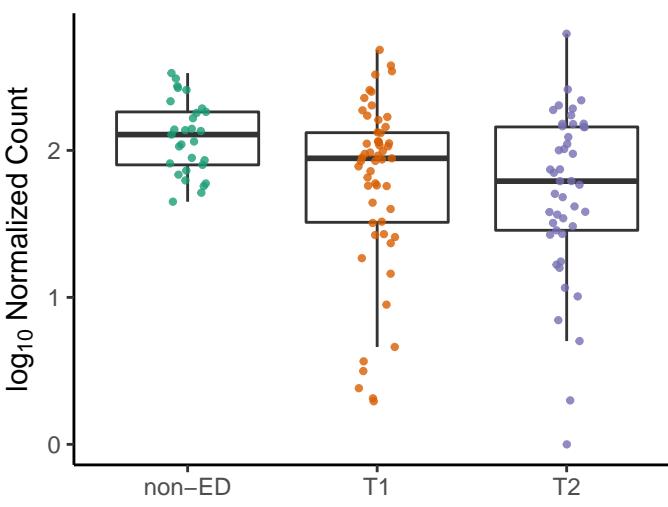
### *Celeribacter manganoxidans*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.91



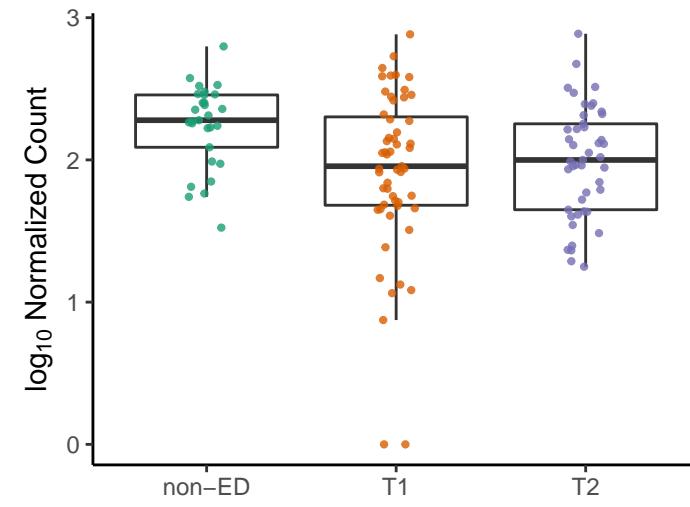
### *Halomonas chromatireducens*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.004  
 T1 vs. T2 adjusted p = 0.86



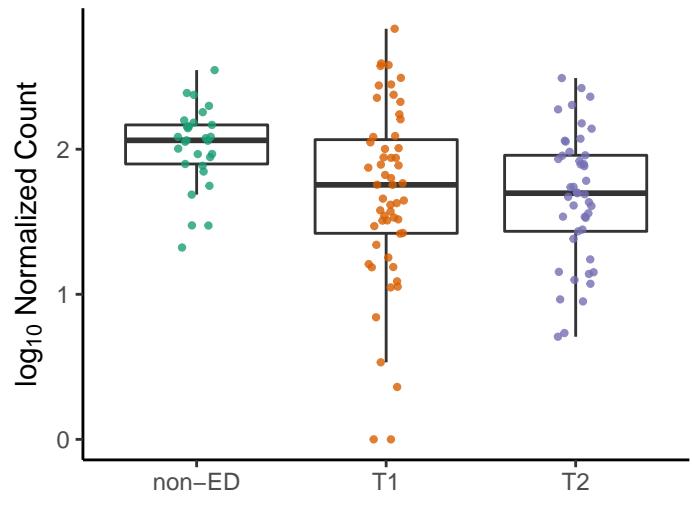
### *Streptomonospora* sp. M2

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



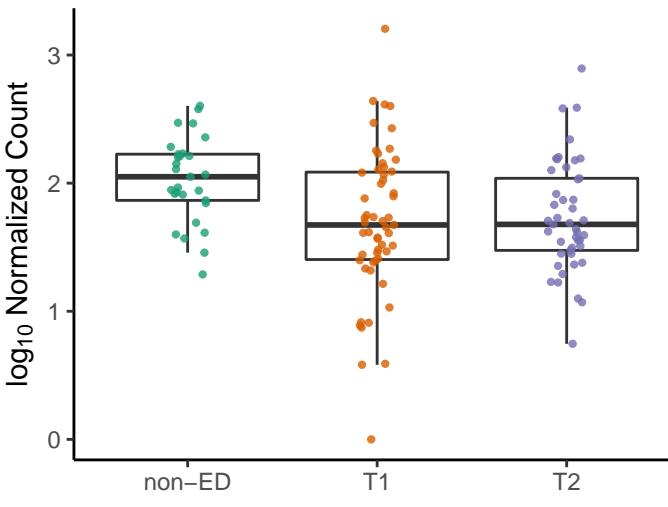
### *Streptomyces* sp. WAC 01529

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.92



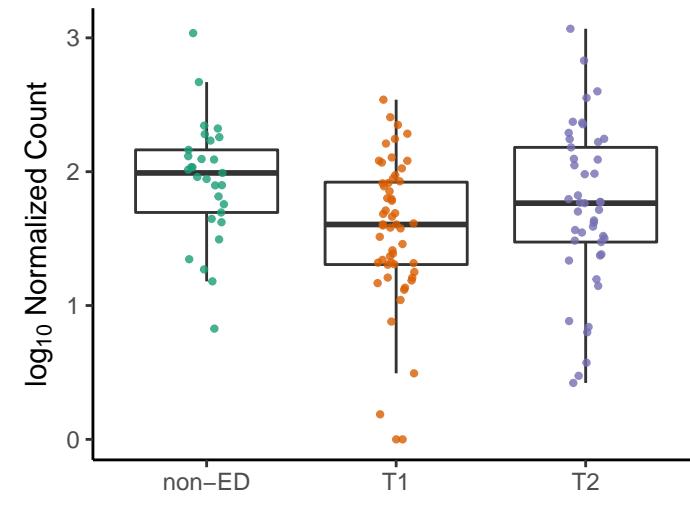
### *Gordonia* sp. YC-JH1

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



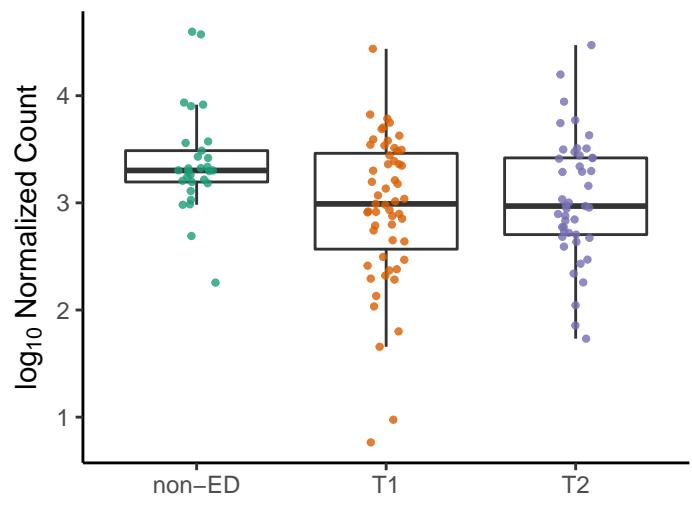
### *Mycobacterium paraseoulense*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.75



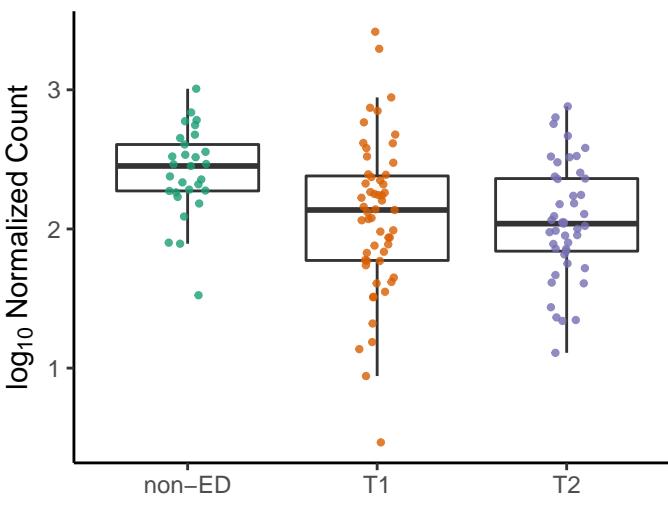
### *Olsenella* sp. GAM18

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



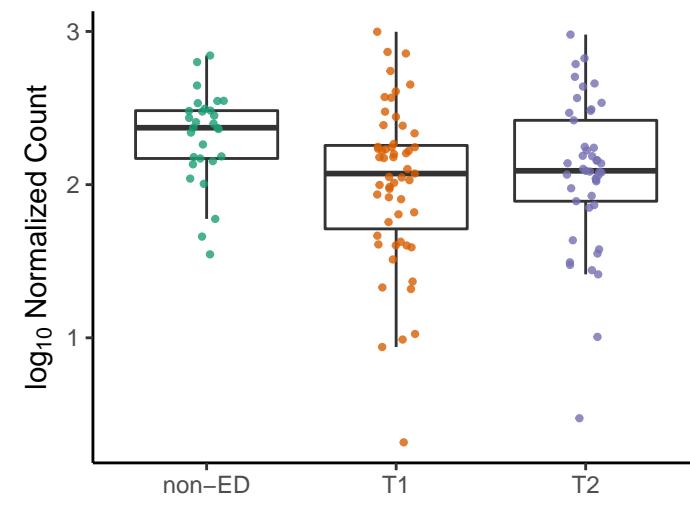
### Unclassified *Kocuria* Genus

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.98



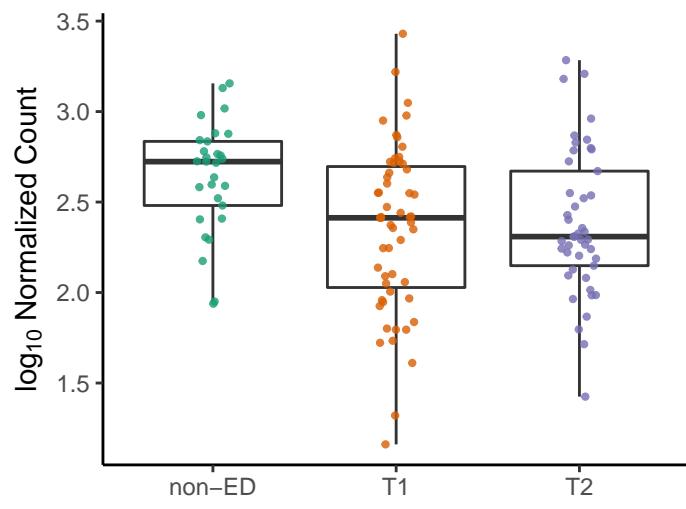
### *Massilia* sp. NR 4-1

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



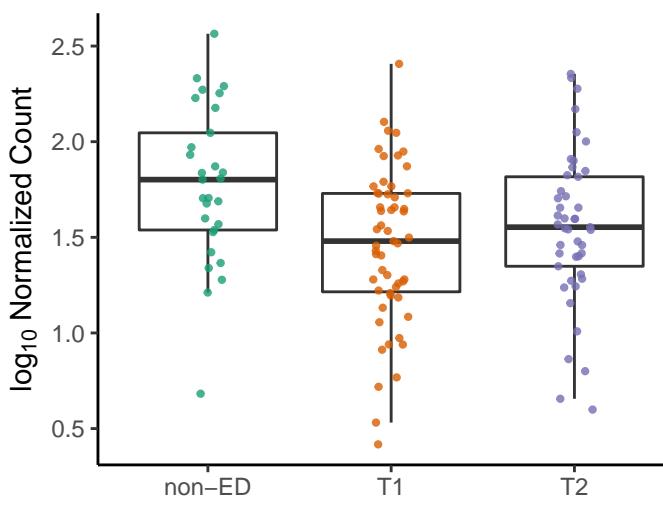
### *Colletotrichum higginsianum*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



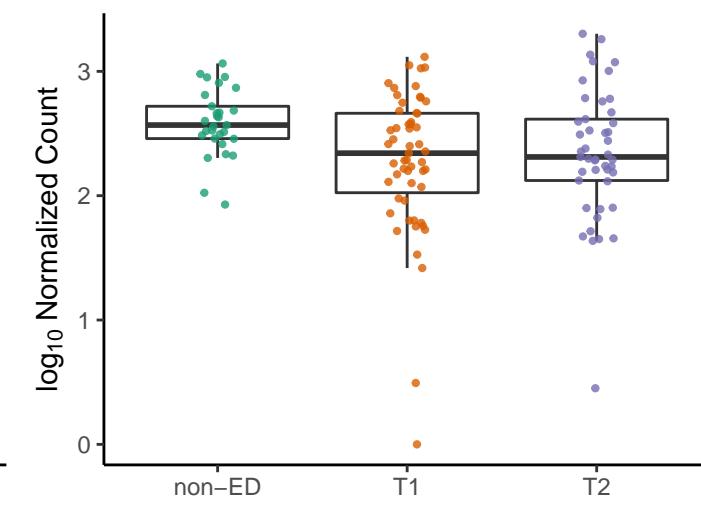
### *Microbacterium sp. CBA3102*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



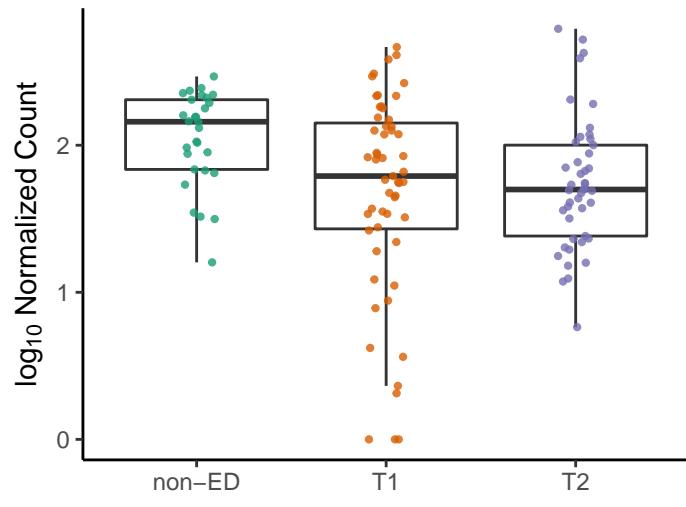
### *Myxococcus xanthus*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



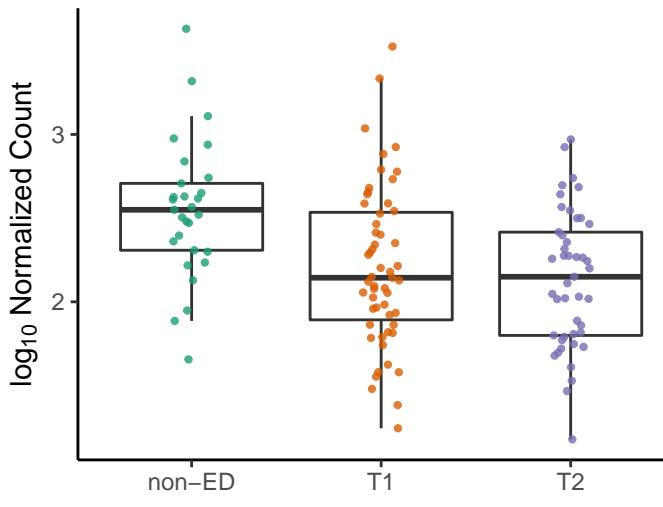
### *Paracoccus sp. SC2-6*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.85



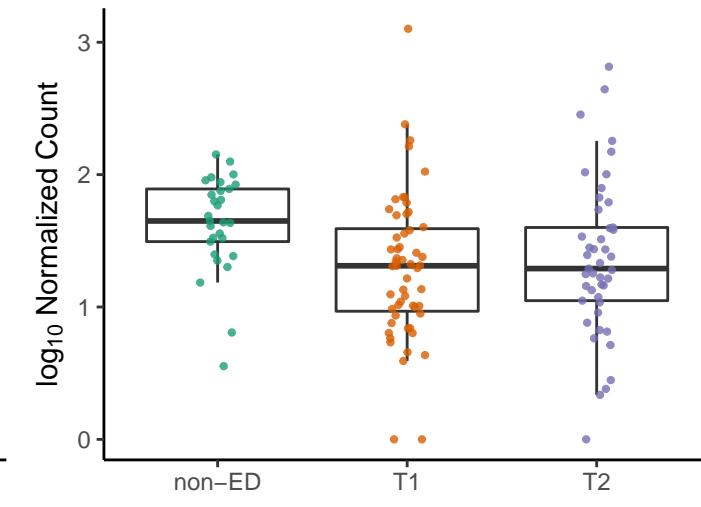
### *Peptostreptococcaceae bacterium oral ta*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.0028  
 T1 vs. T2 adjusted p = 0.85



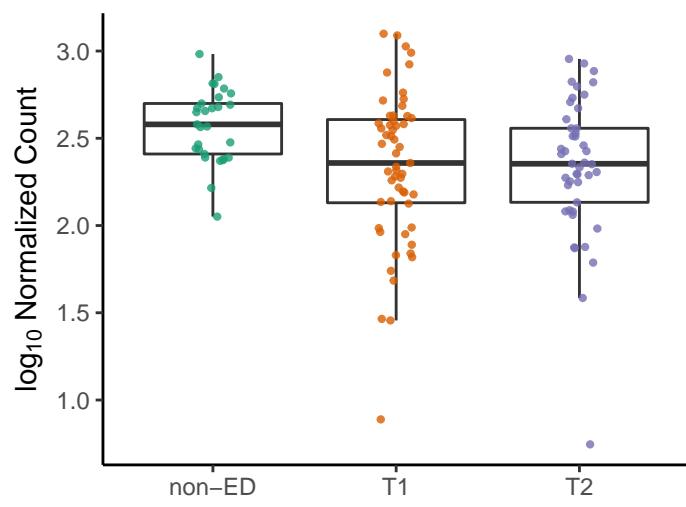
### Unclassified Mannheimia Genus

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.91



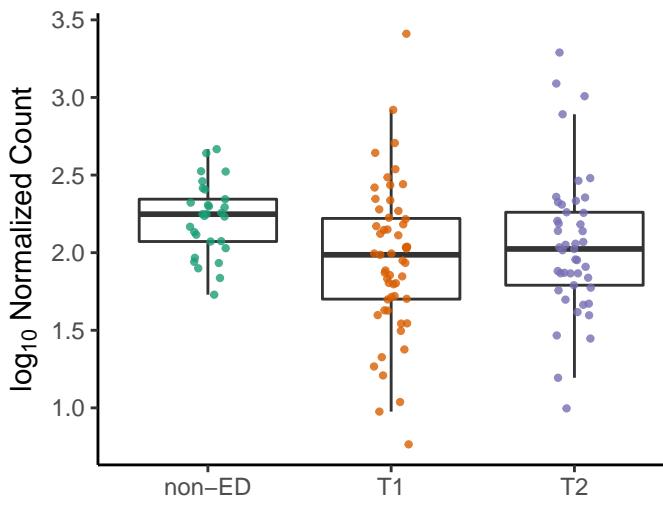
### Unclassified Ralstonia Genus

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.93



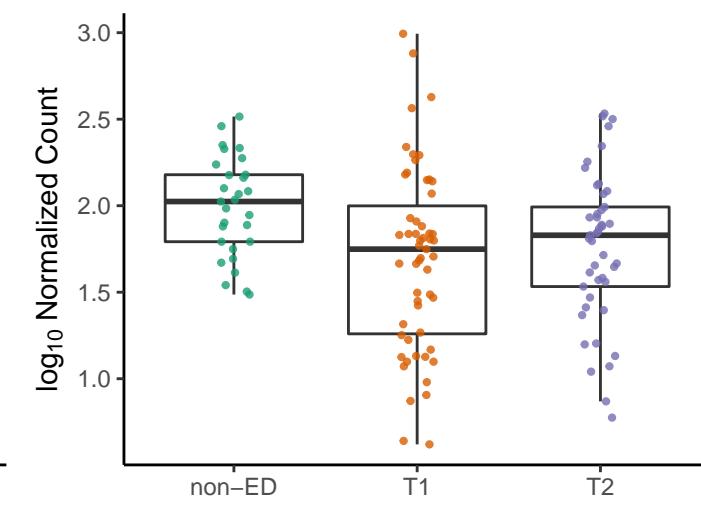
### *Burkholderia pseudomallei*

non-ED vs. T1 adjusted p = 0.0073  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



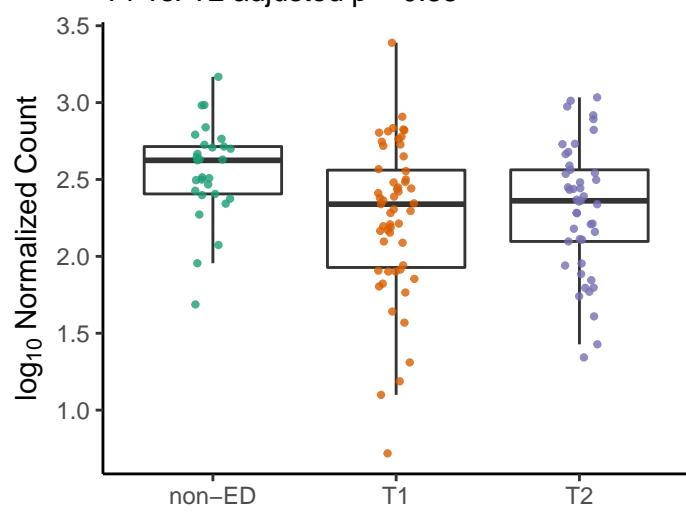
### *Streptomyces sp. QMT-28*

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



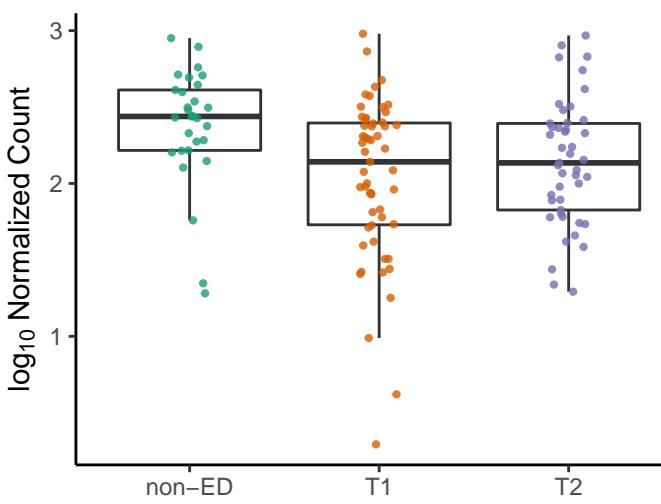
### Unclassified Alcaligenaceae Family

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



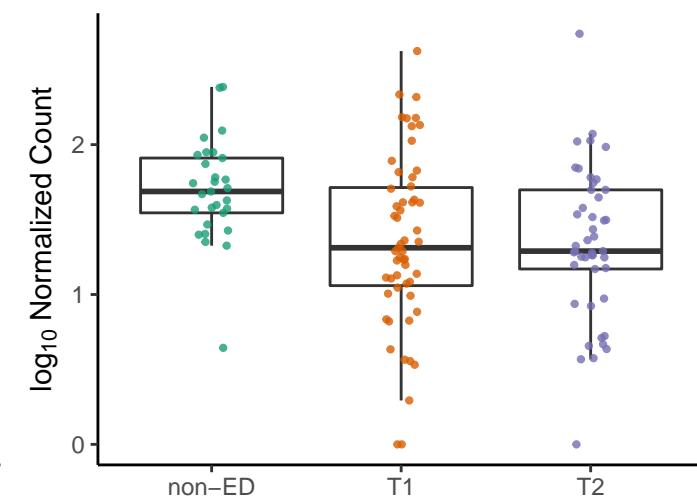
### *Propionibacterium australiense*

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.85



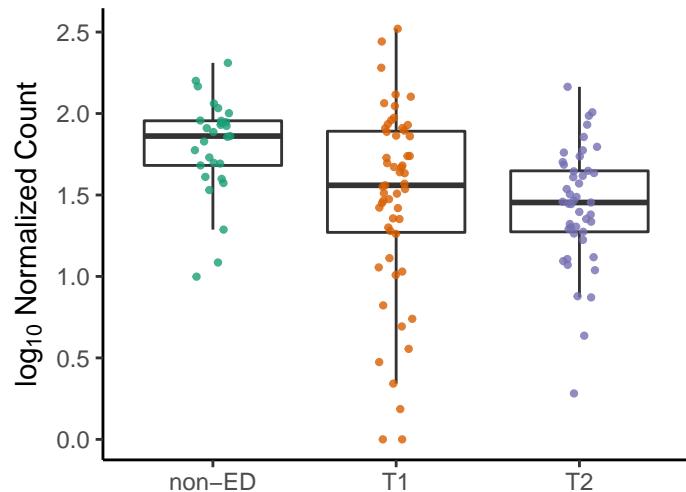
### *Halomonas* sp. GFAJ-1

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.0067  
T1 vs. T2 adjusted p = 0.97



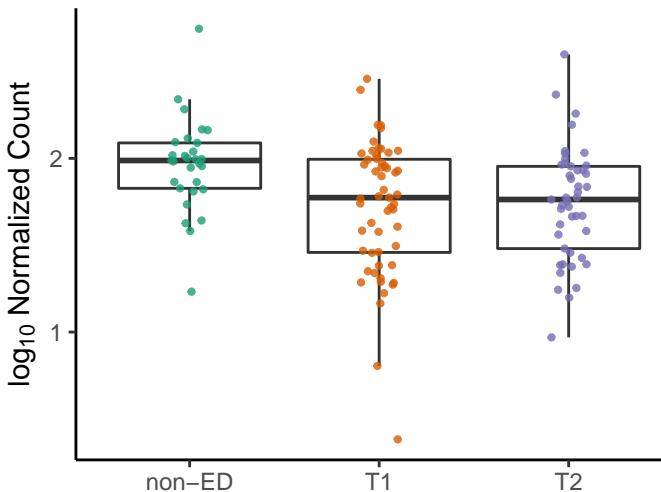
### *Streptomyces* sp. Tue 6075

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.93



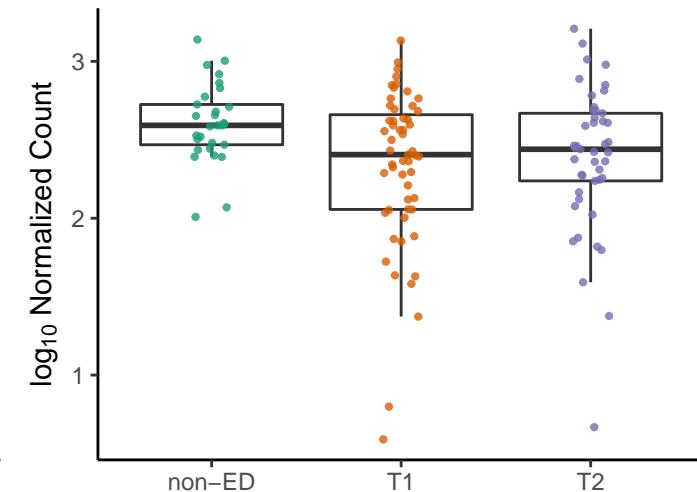
### *Rahnella aquatilis*

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



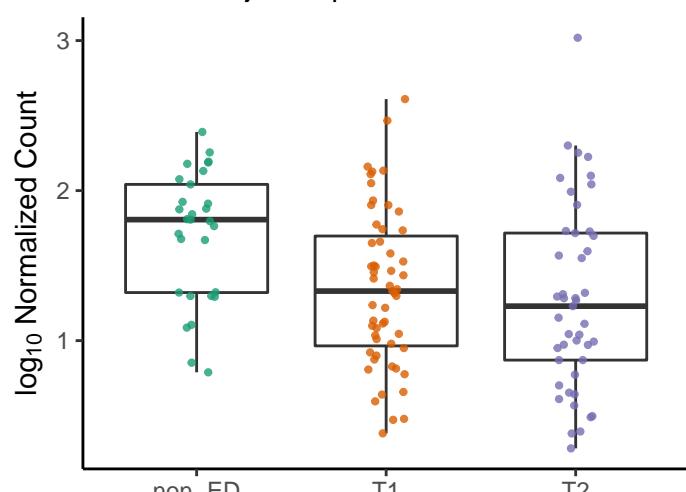
### Unclassified Achromobacter Genus

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.85



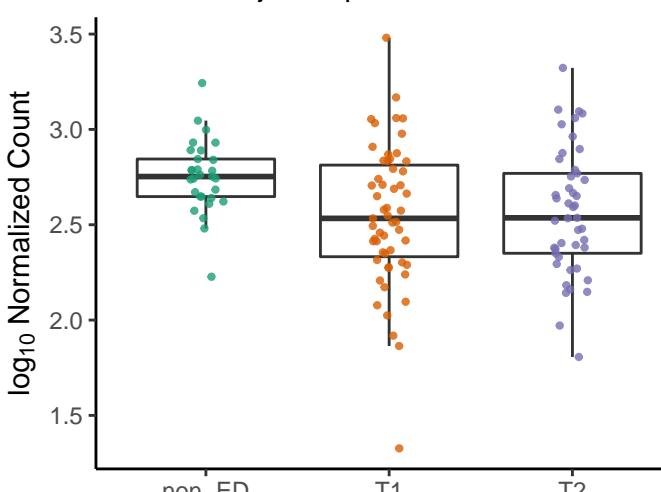
### *Acinetobacter cumulans*

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.0077  
T1 vs. T2 adjusted p = 0.87



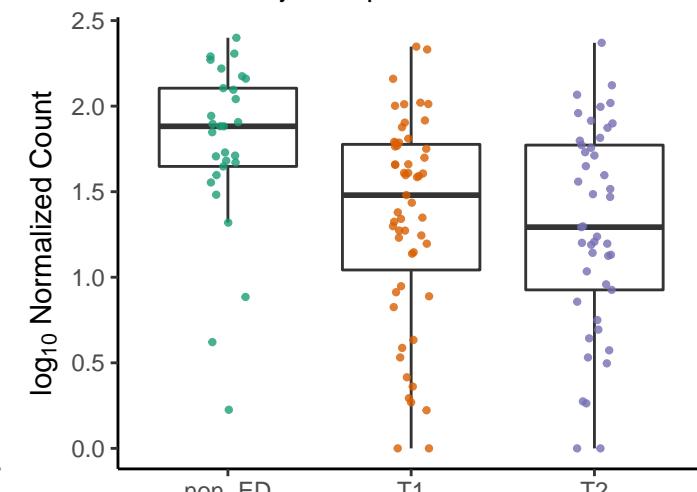
### *Pseudomonas aeruginosa*

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.87



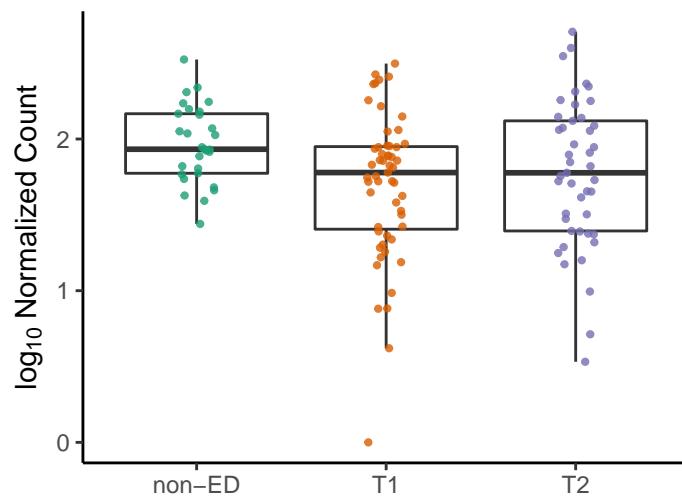
### Unclassified Rhodanobacteraceae Family

non-ED vs. T1 adjusted p = 0.0075  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.94



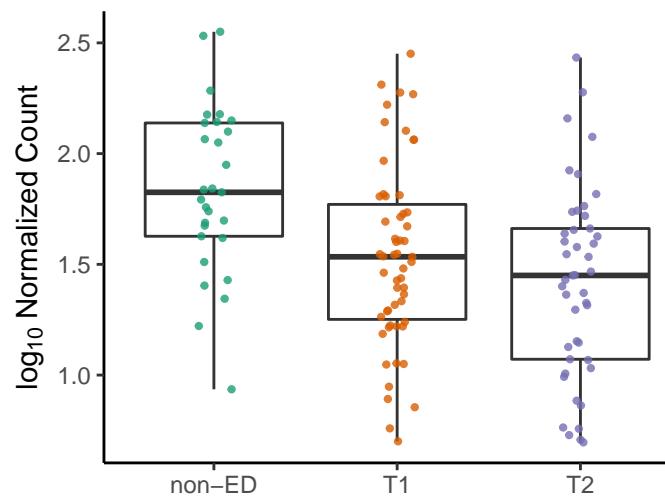
### *Marinobacter salinus*

non-ED vs. T1 adjusted p = 0.0075  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.85



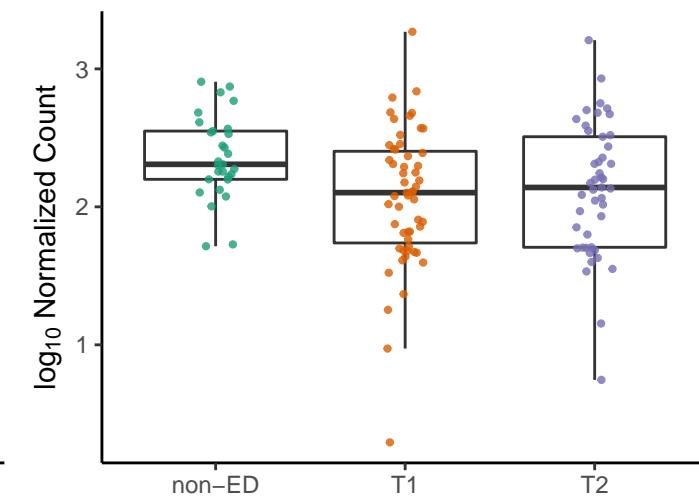
### *Nostoc sp. NIES-4103*

non-ED vs. T1 adjusted p = 0.0075  
 non-ED vs. T2 adjusted p = 0.0023  
 T1 vs. T2 adjusted p = 0.85



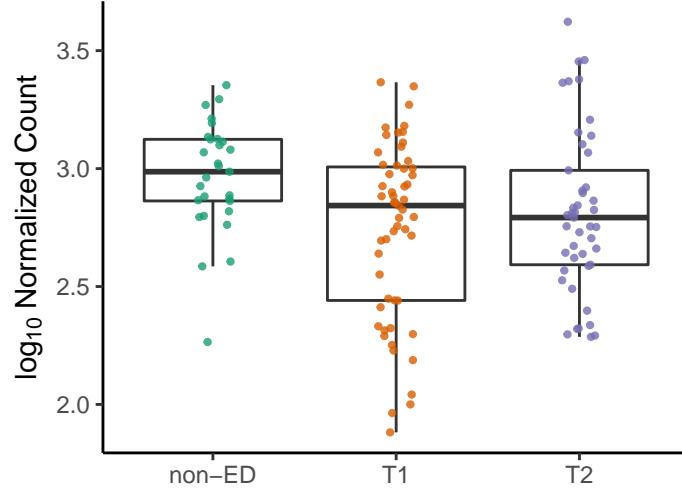
### *Streptomyces spectabilis*

non-ED vs. T1 adjusted p = 0.0075  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



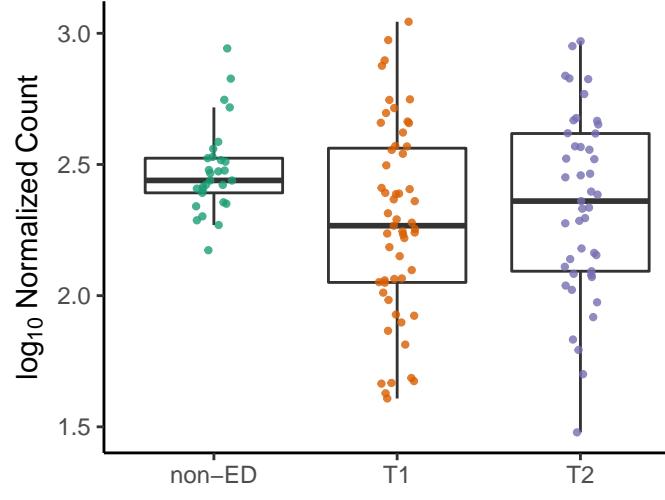
### Unclassified Rhizobiaceae Family

non-ED vs. T1 adjusted p = 0.0075  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.85



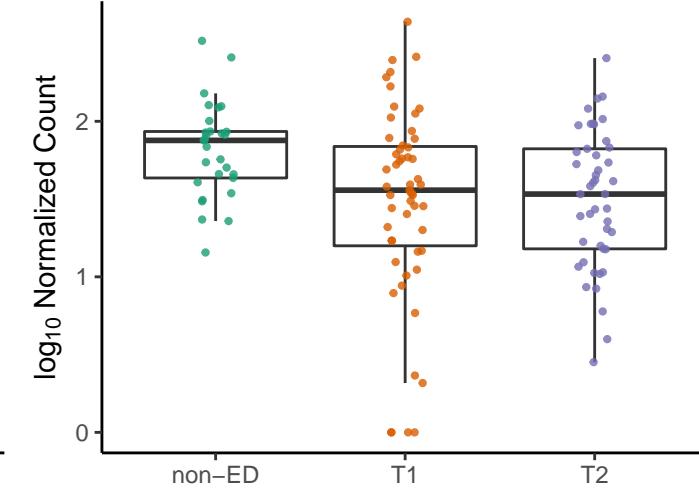
### *Lactobacillus harbinensis*

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.85



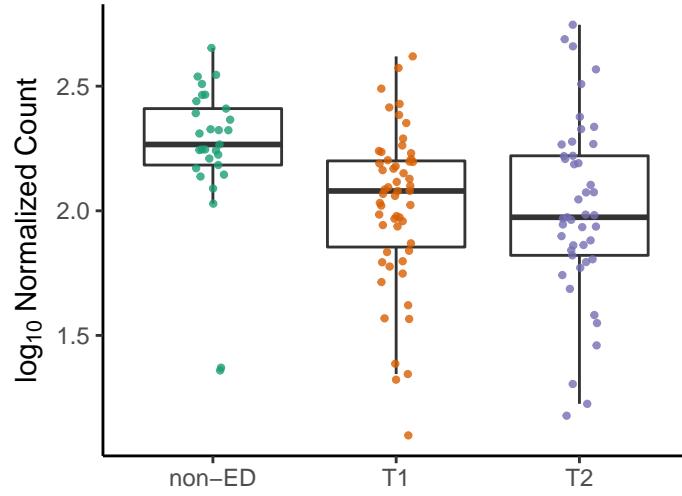
### Unclassified Planctomycetia Class

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.85



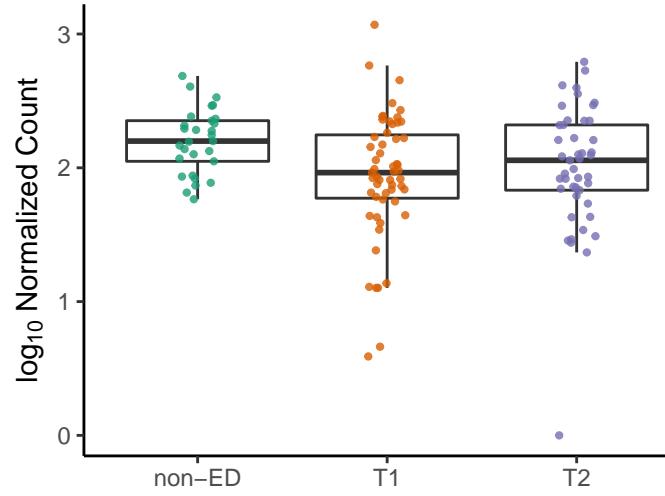
### *Niastella koreensis*

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 1



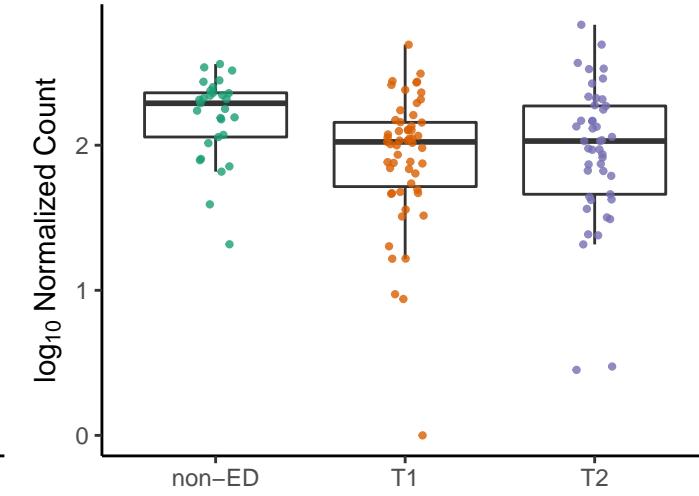
### *Achromobacter insolitus*

non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85

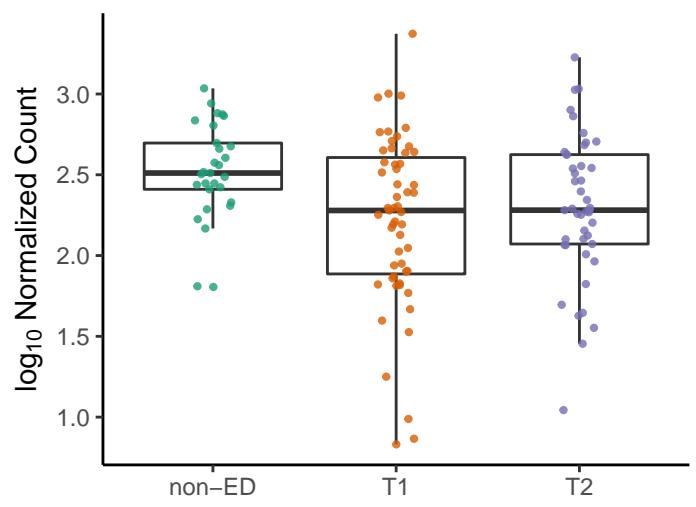


### *Bosea sp. Tri-49*

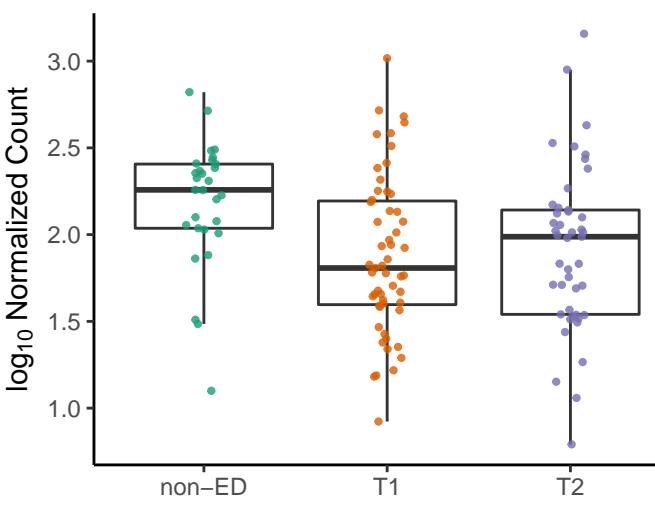
non-ED vs. T1 adjusted p = 0.0076  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.91



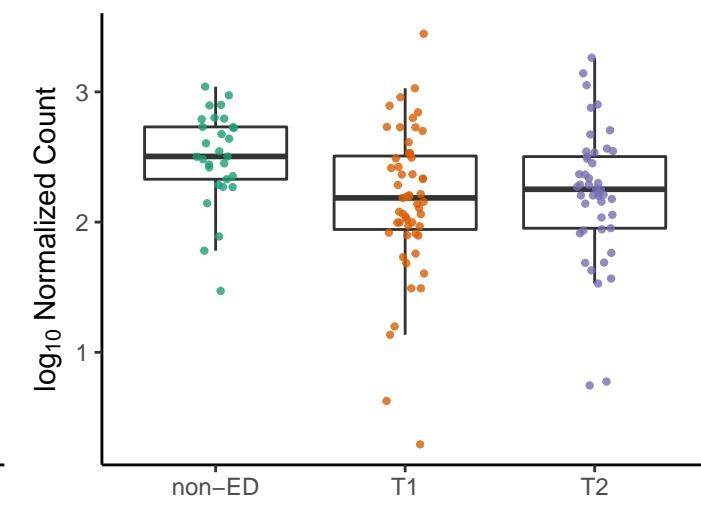
**Gemmatirosa kalamazooensis**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



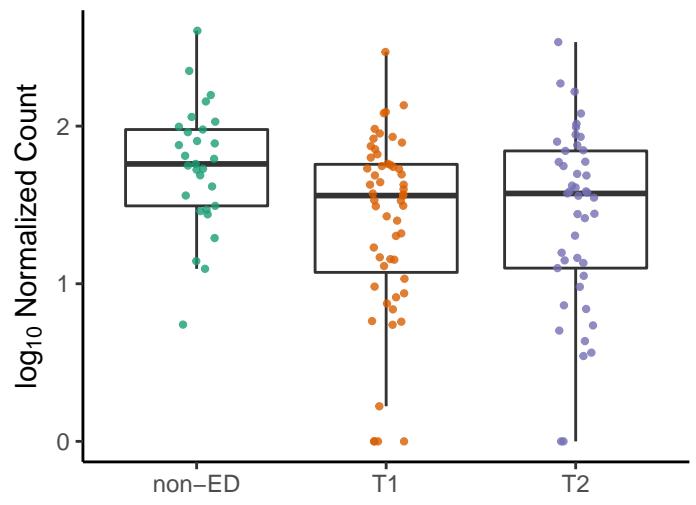
**Ignavibacterium album**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.97



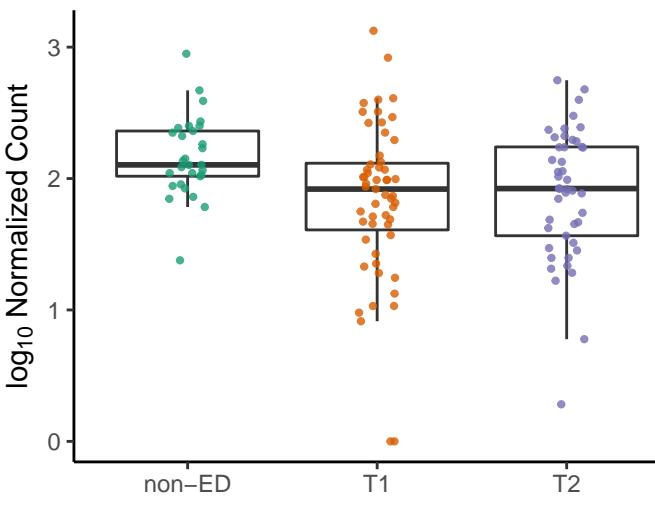
**Kutzneria albida**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.85



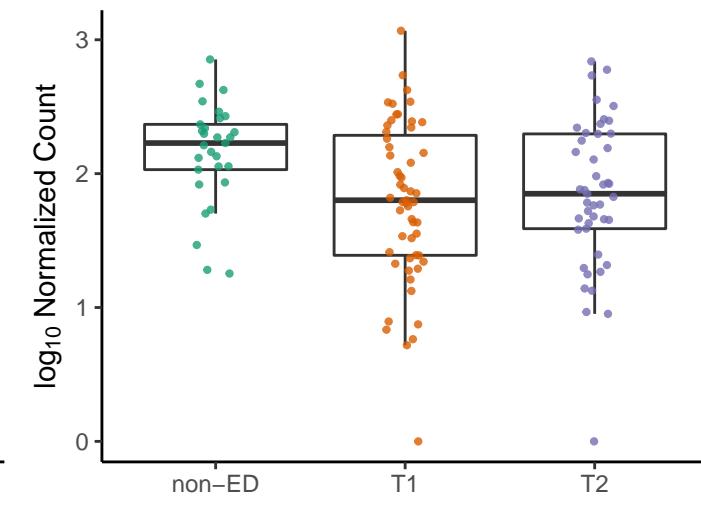
**Leisingera sp. NJS201**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



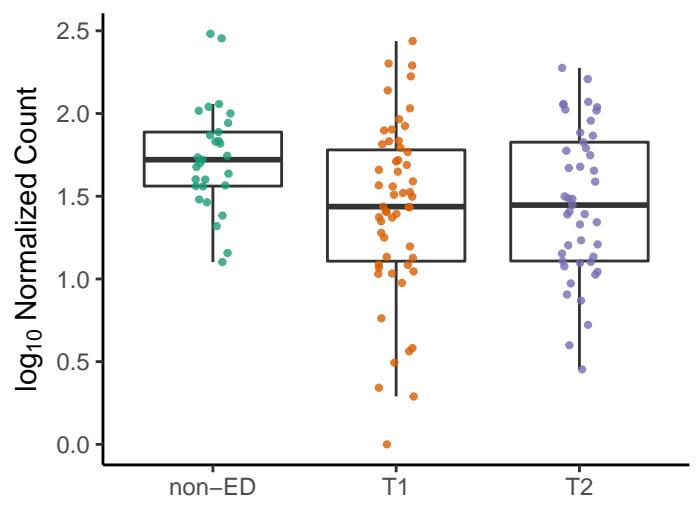
**Mycolicibacterium psychrotolerans**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



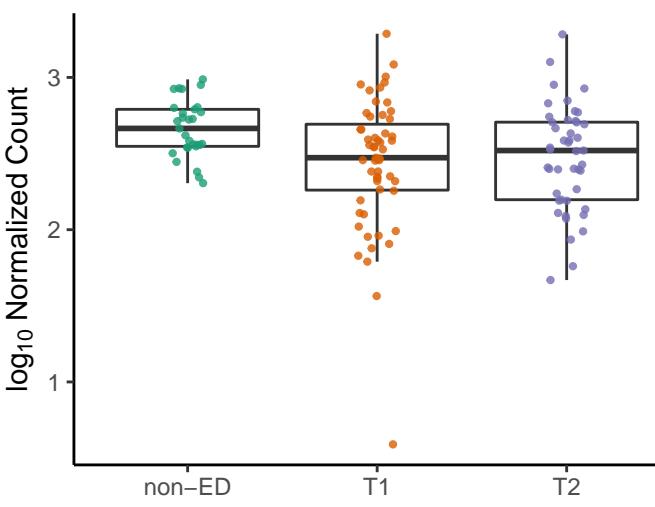
**Sanguibacter sp. HDW7**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



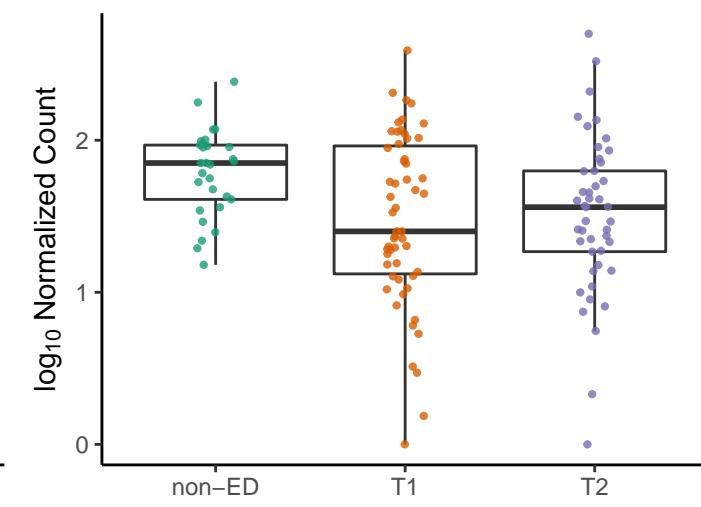
**Sphingopyxis sp. FD7**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



**Unclassified Sphingomonadaceae Family**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.86

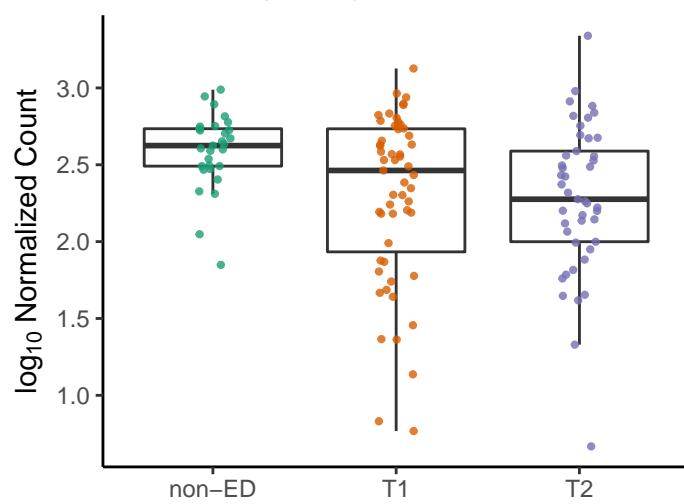


**Methylacidiphilum infernorum**  
non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.95



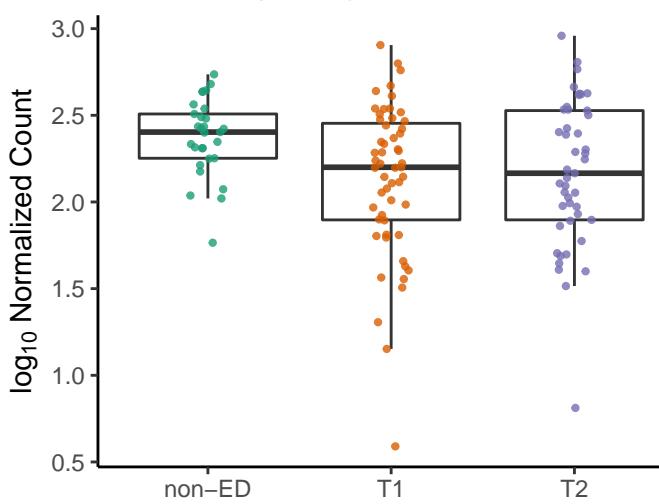
### Unclassified Desulfovibrionaceae Famil

non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.92



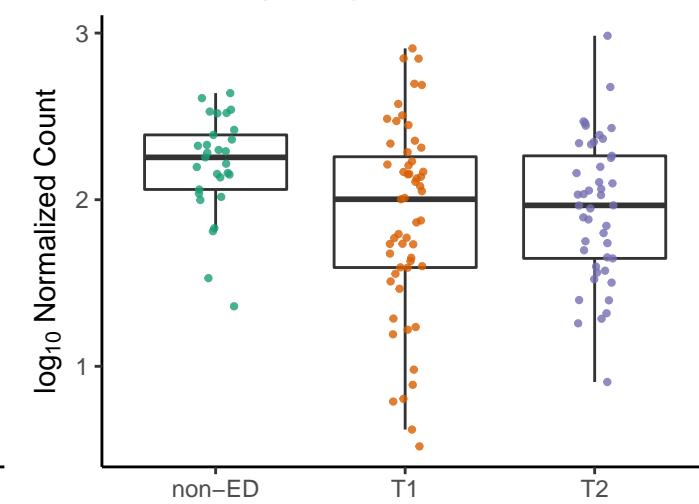
### Achromobacter denitrificans

non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.93



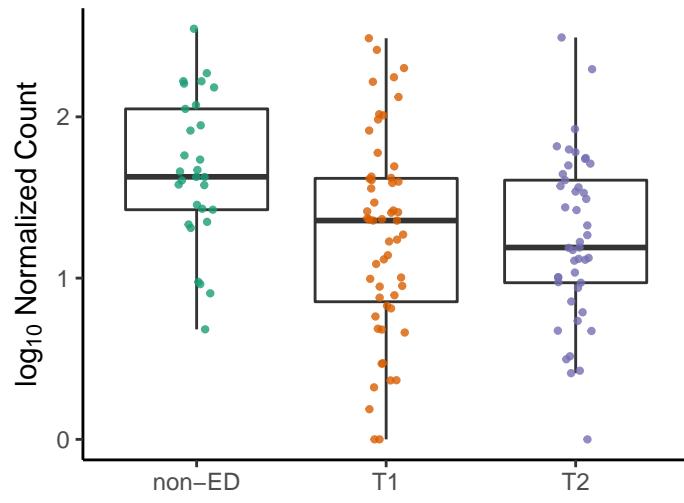
### Defluviimonas alba

non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



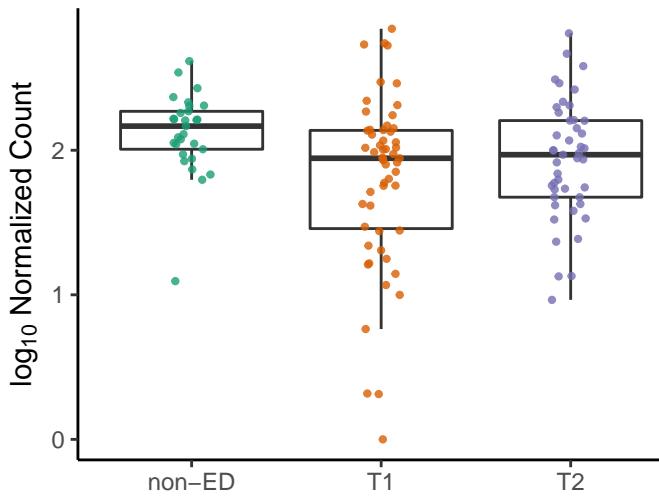
### Ochrobactrum pseudogrignonense

non-ED vs. T1 adjusted p = 0.0076  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.98



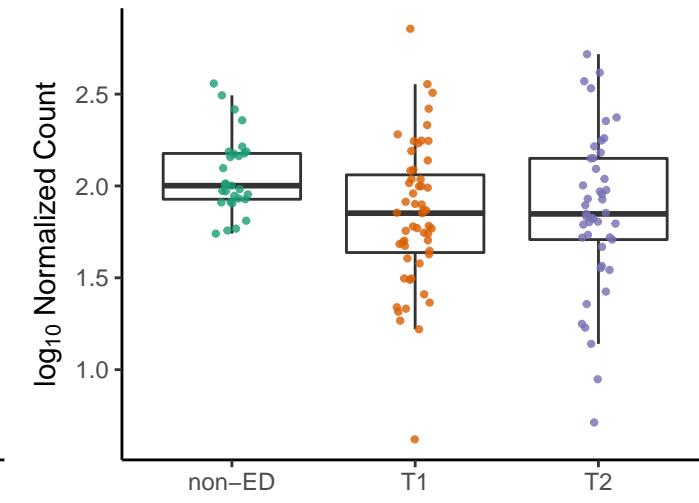
### Unclassified Rhodospirillaceae Family

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.85



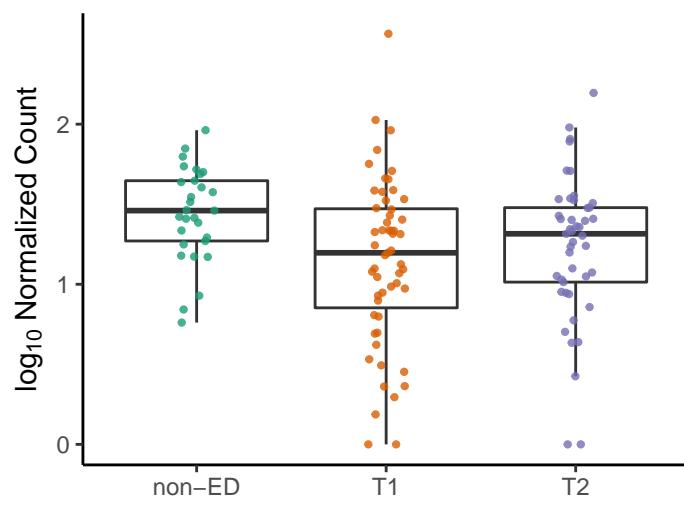
### Labrenzia sp. VG12

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.85



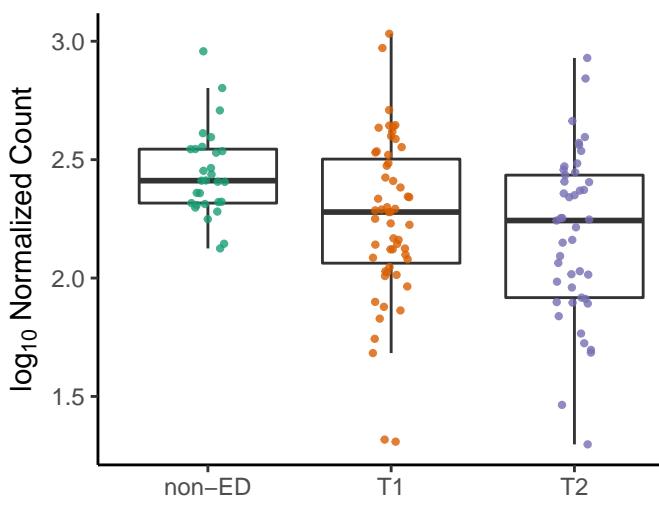
### Pseudomonas extremorientalis

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



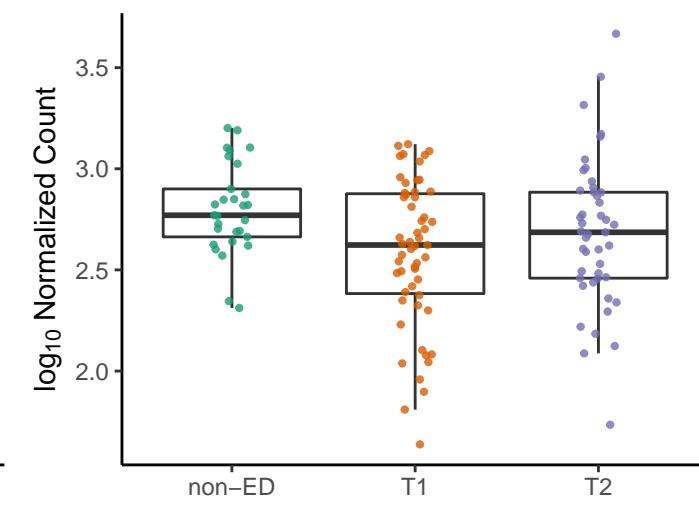
### Neurospora crassa

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.85



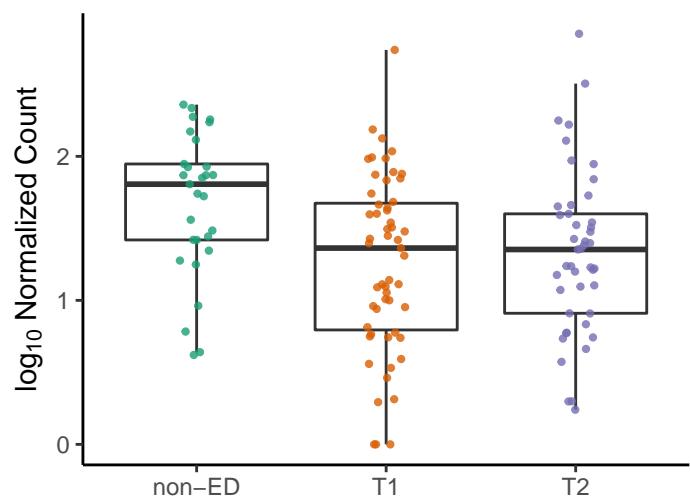
### Unclassified Selenomonas Genus

non-ED vs. T1 adjusted p = 0.0077  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



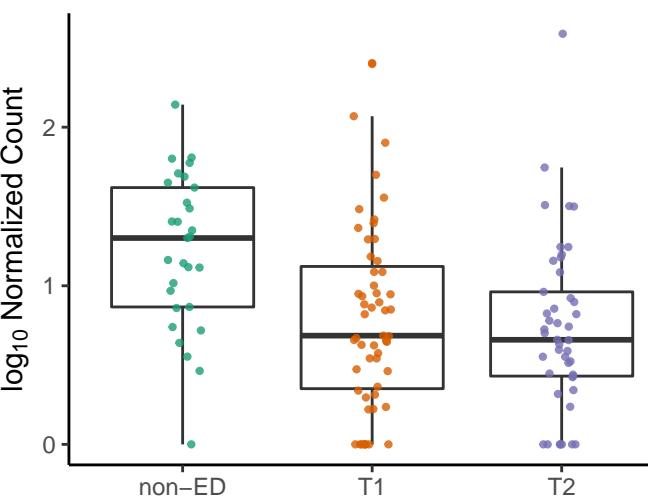
### *Pseudomonas poae*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.86



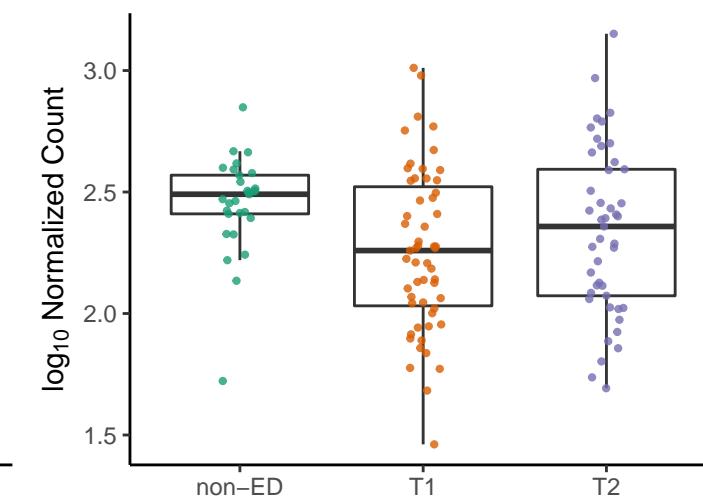
### Unclassified Methylacidiphilum Genus

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.94



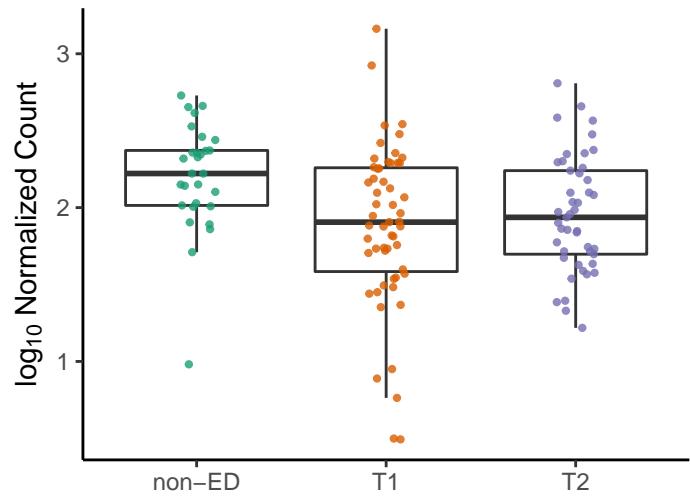
### *Bacillus foraminis*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



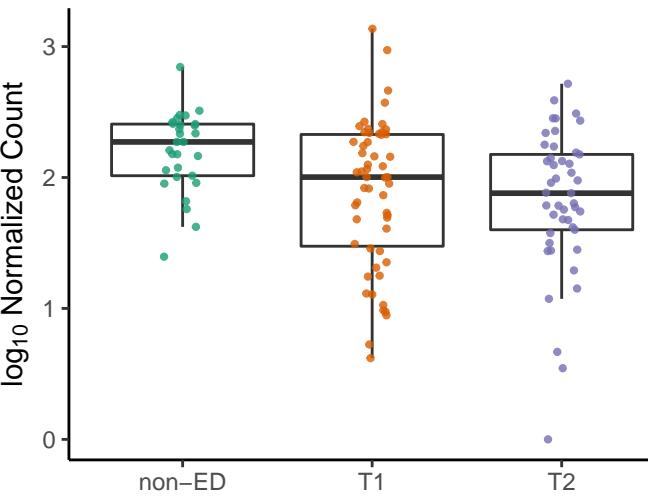
### *Glutamicibacter creatinolyticus*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



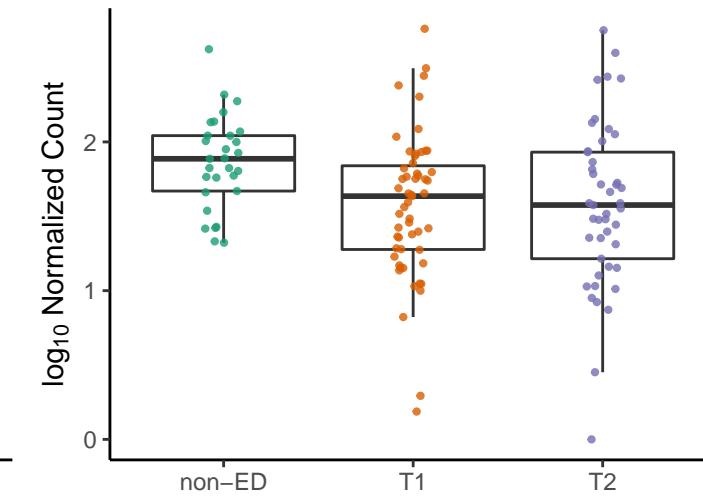
### *Hymenobacter oligotrophus*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.92



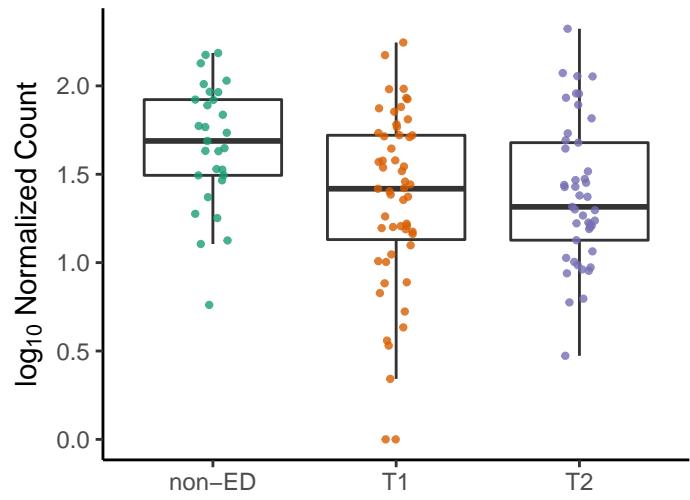
### *Paraburkholderia dokdonella*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.9



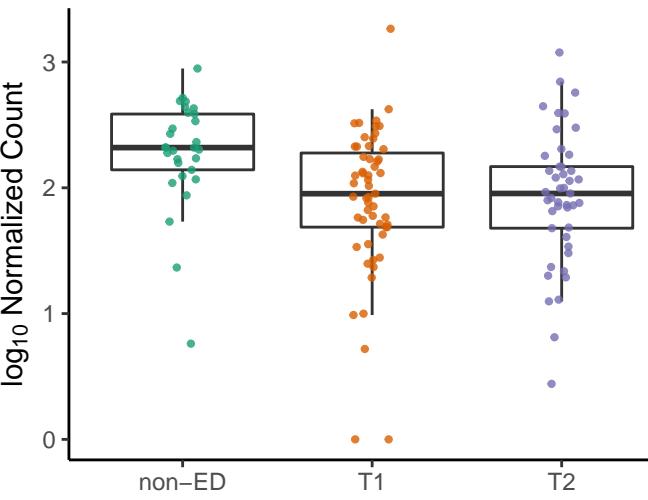
### *Pseudomonas sp. MPC6*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.87



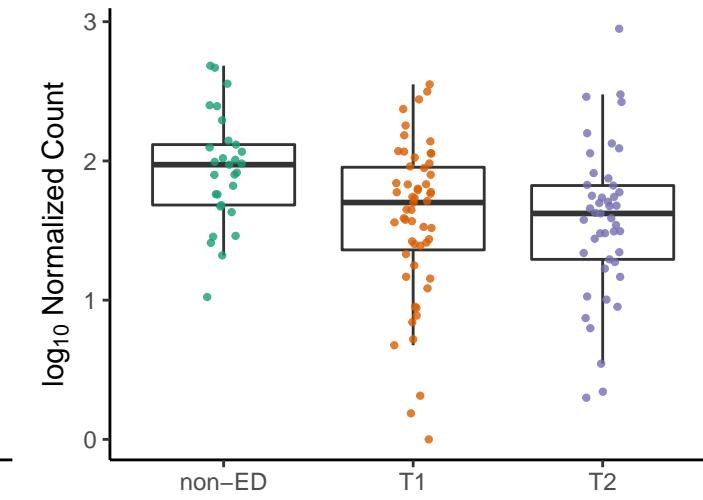
### *Salinicola tamaricis*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.86



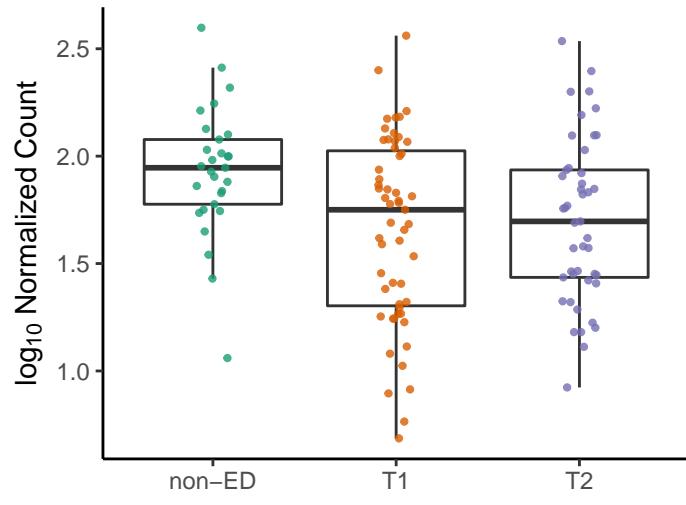
### *Sphingobium baderi*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 1



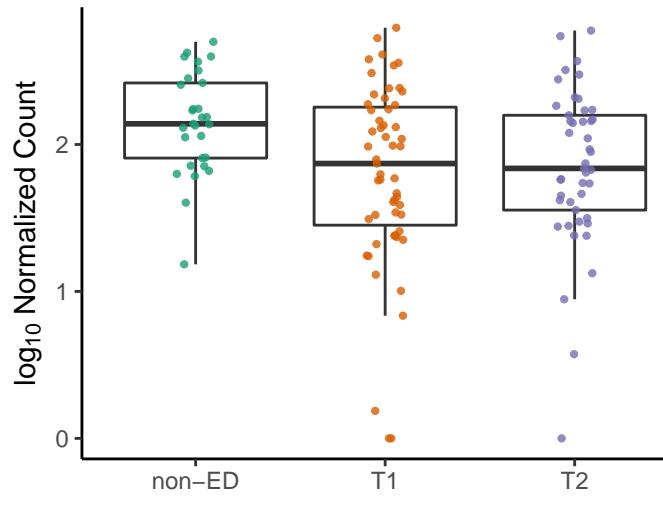
### *Mycolicibacterium chubuense*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.87



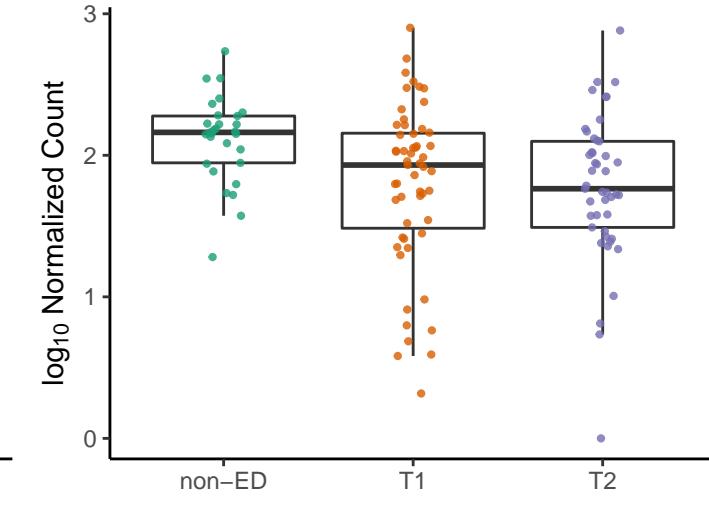
### *Pseudomonas oryzae*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



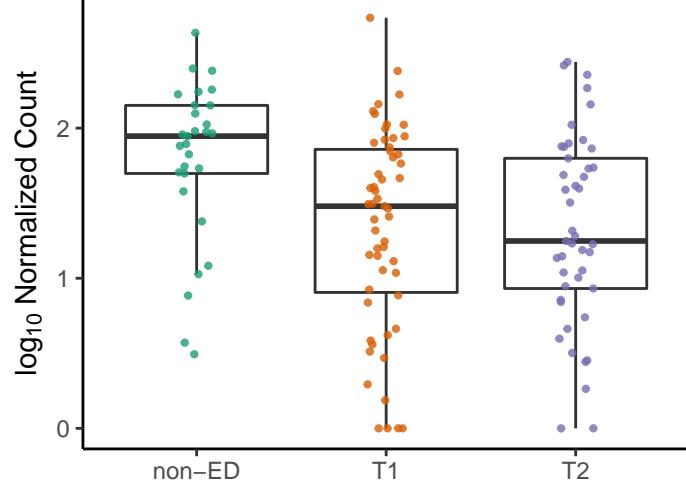
### *Rhodoferax* sp. CHu59–6–5

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.0068  
 T1 vs. T2 adjusted p = 0.92



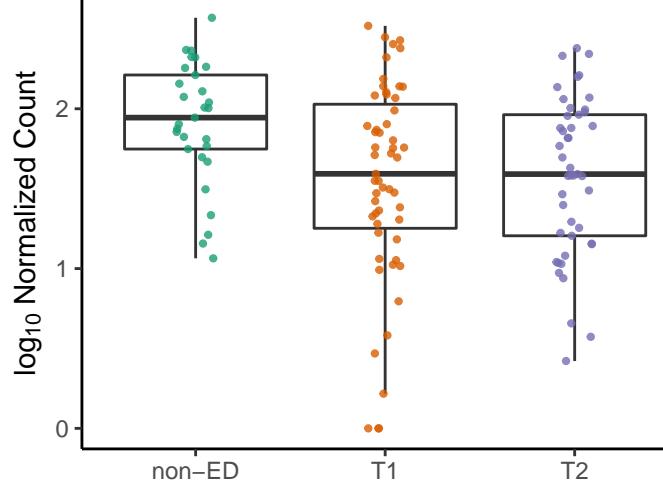
### *Pseudomonas* sp. R2A2

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.92



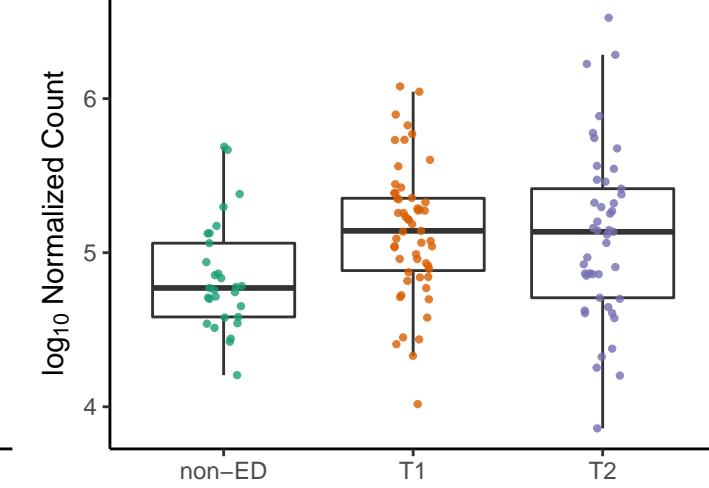
### *Agrococcus carbonis*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.91



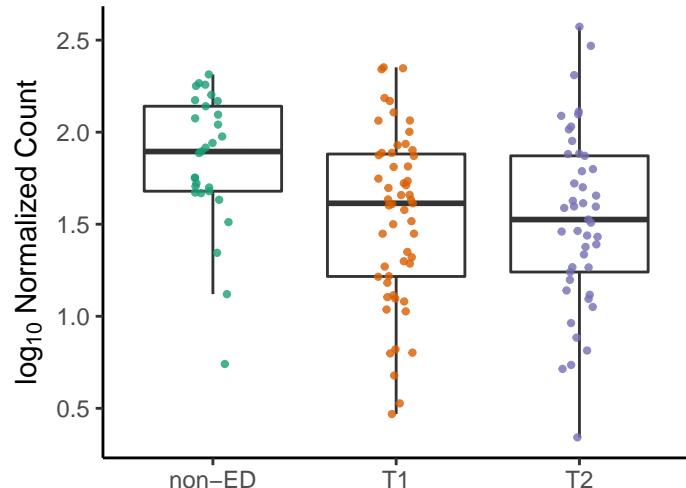
### *Flavonifractor plautii*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.95



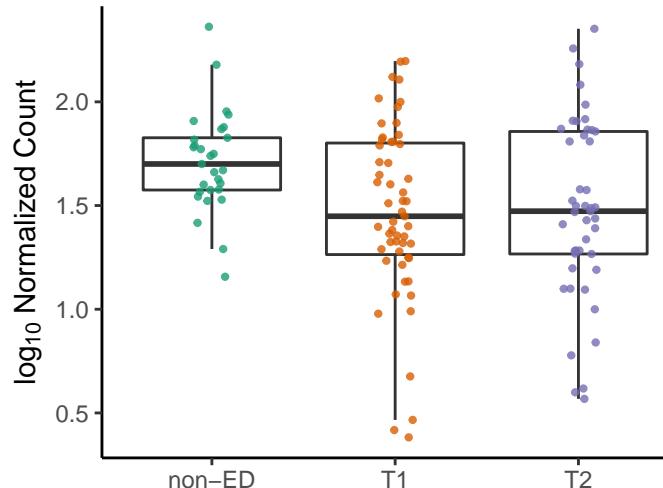
### *Leptotrichia* sp. oral taxon 498

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.98



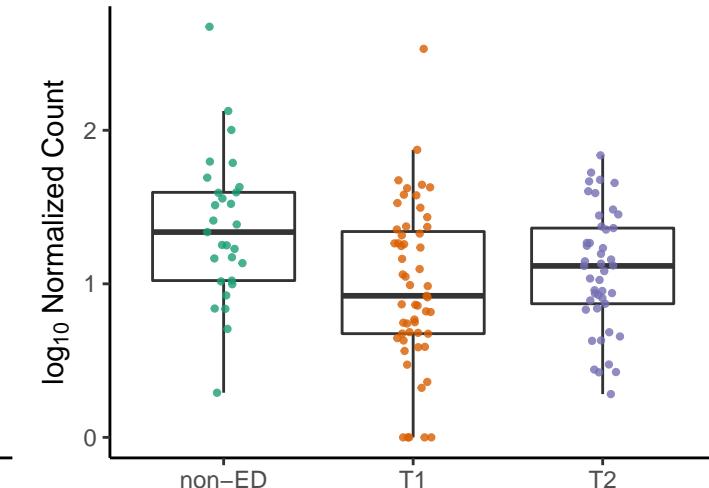
### *Nitrincola* sp. KXZD1103

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.99



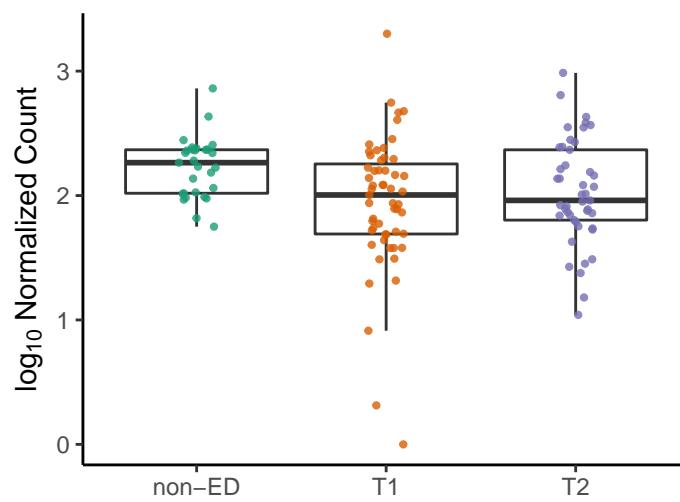
### *Rhodococcus* sp. PBTS 2

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



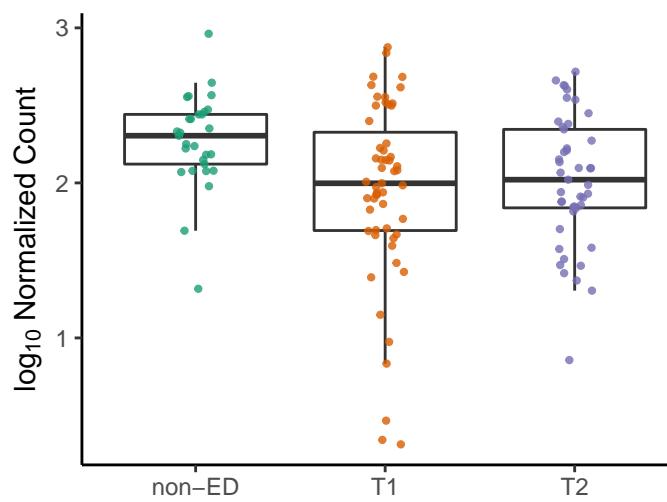
### *Stappia indica*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



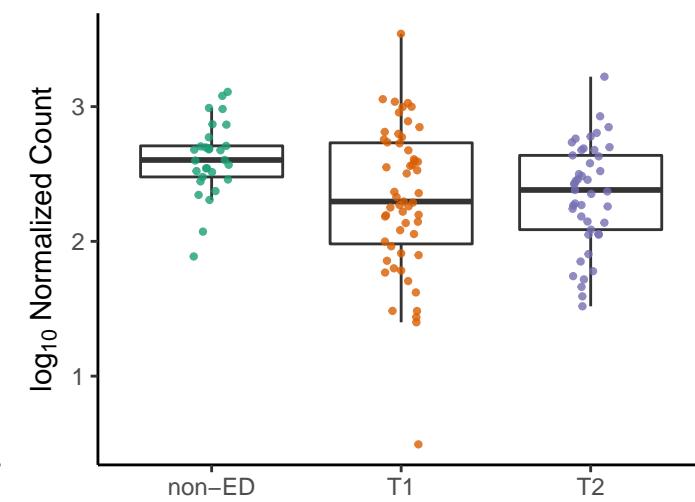
### *Stenotrophomonas acidaminiphila*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



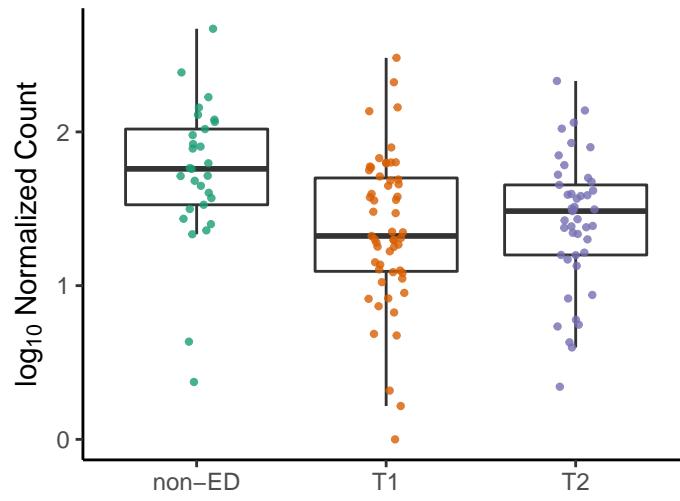
### *Streptomyces albus*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0073  
 T1 vs. T2 adjusted p = 0.86



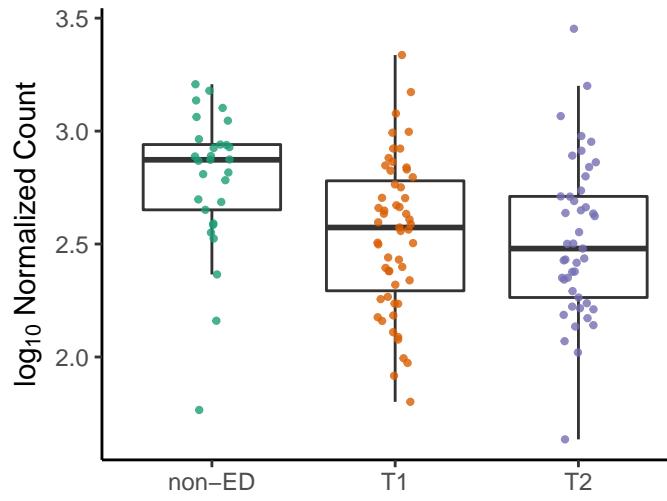
### *Bdellovibrio sp. NC01*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



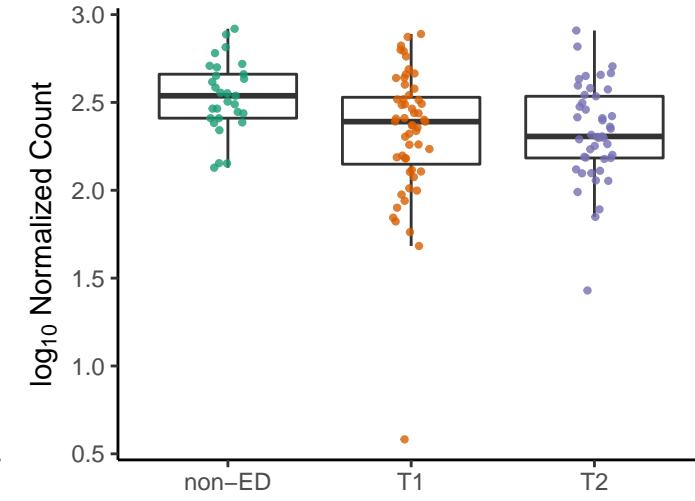
### Unclassified Caldicellulosiruptor Genus

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.97



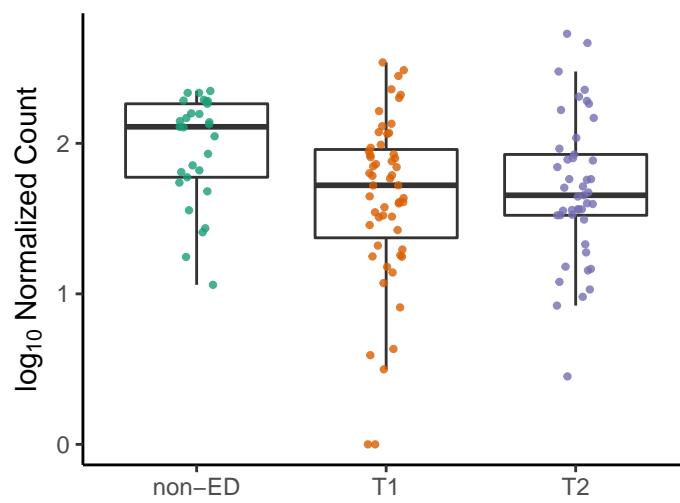
### Unclassified Shewanella Genus

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.91



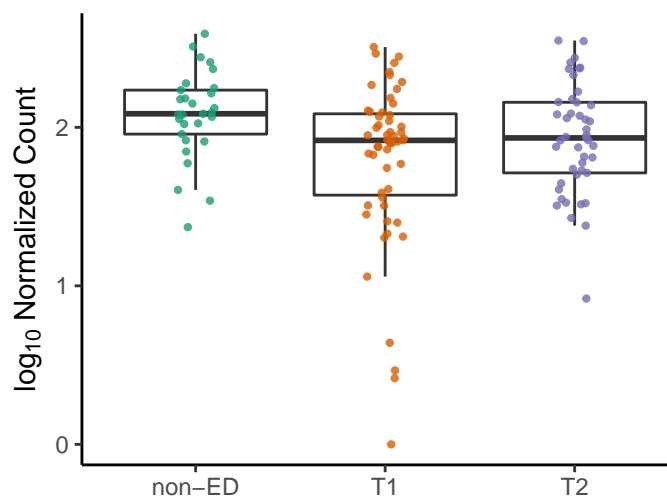
### *Sphingomonas sp. LK11*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



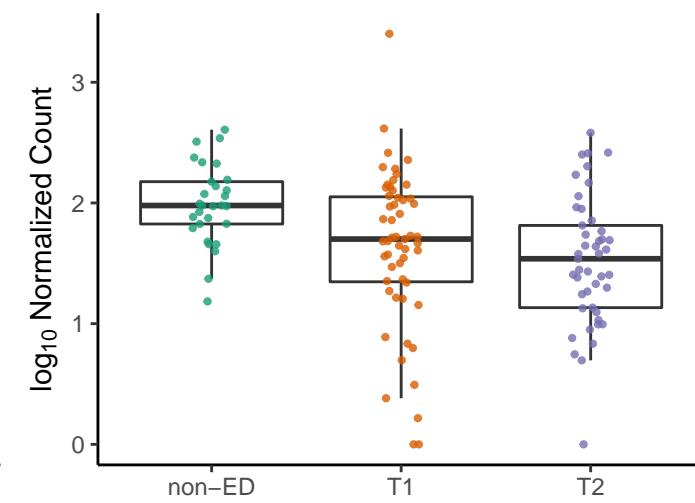
### *Casimicrobium huifangae*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.85



### *Corynebacterium sanguinis*

non-ED vs. T1 adjusted p = 0.0079  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.86

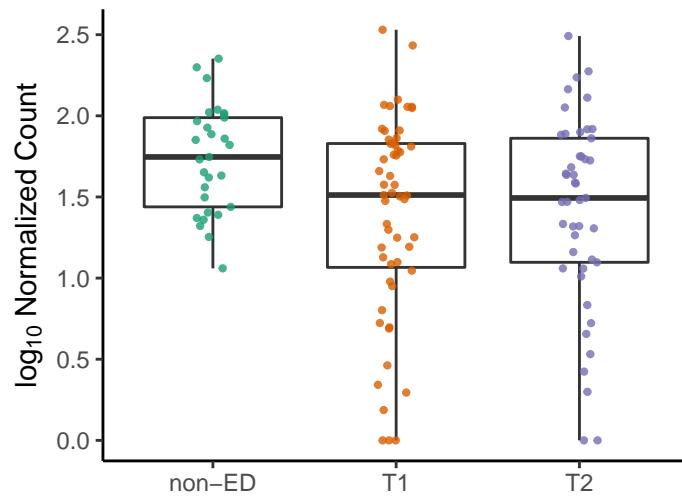


### *Halobiforma lacisalsi*

non-ED vs. T1 adjusted p = 0.0079

non-ED vs. T2 adjusted p = 0.019

T1 vs. T2 adjusted p = 0.85

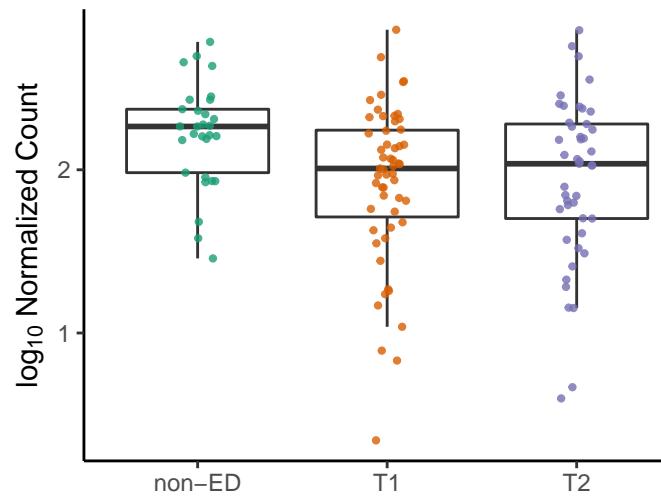


### *Massilia armeniaca*

non-ED vs. T1 adjusted p = 0.0079

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.96

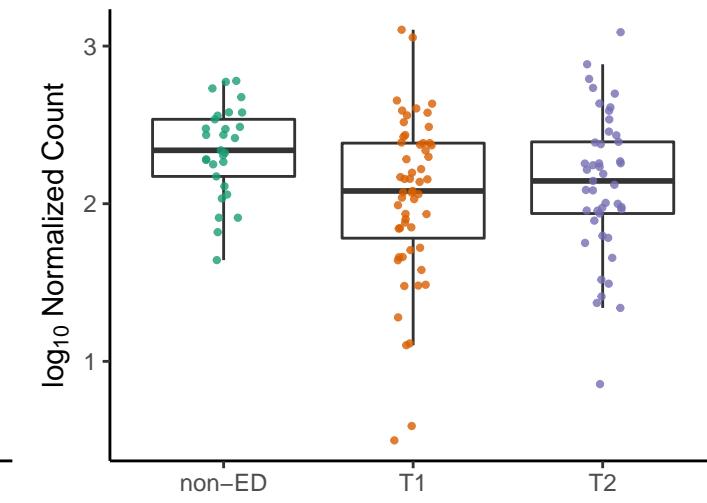


### *Pigmentiphaga* sp. H8

non-ED vs. T1 adjusted p = 0.0079

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.85

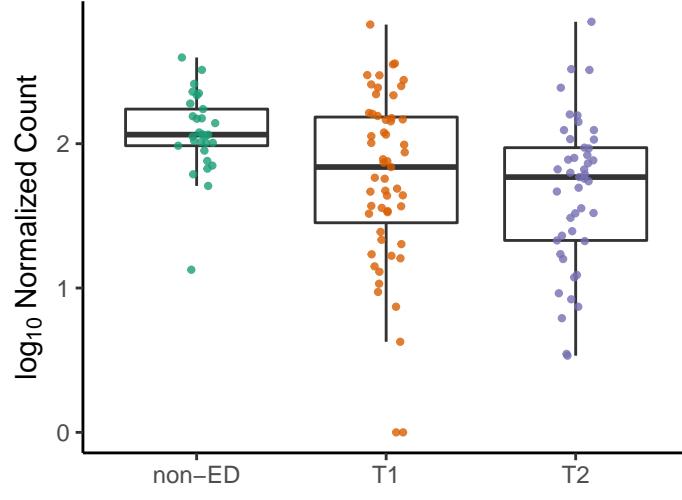


### *Acidithiobacillus caldus*

non-ED vs. T1 adjusted p = 0.0079

non-ED vs. T2 adjusted p = 0.0023

T1 vs. T2 adjusted p = 0.92

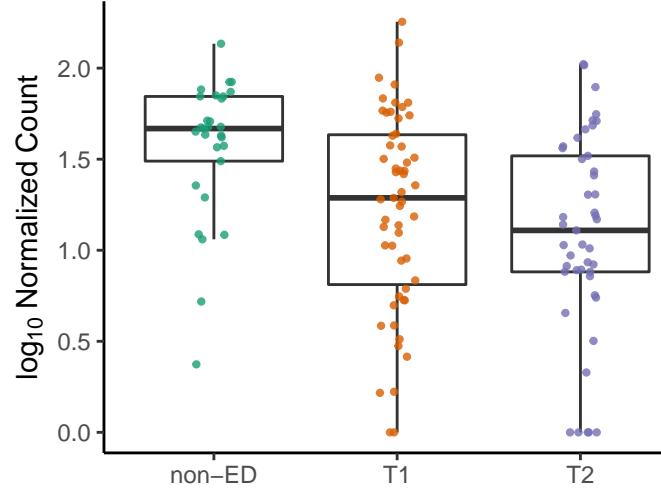


### Unclassified Pontibacter Genus

non-ED vs. T1 adjusted p = 0.008

non-ED vs. T2 adjusted p = 0.0023

T1 vs. T2 adjusted p = 0.85

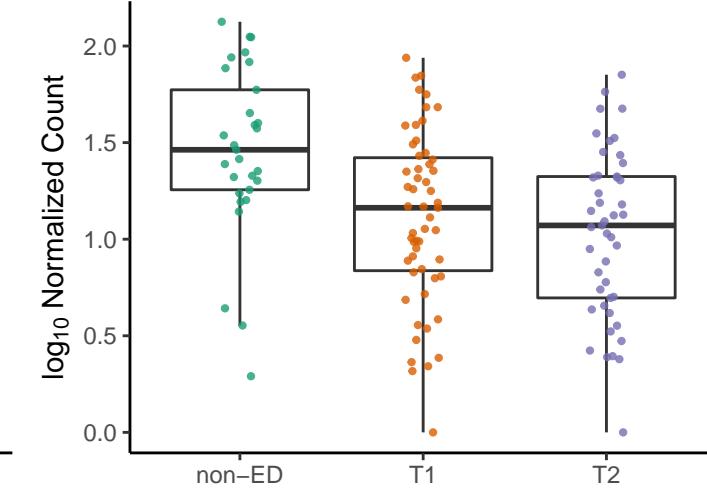


### *Nostoc* sp. ATCC 53789

non-ED vs. T1 adjusted p = 0.008

non-ED vs. T2 adjusted p = 0.0034

T1 vs. T2 adjusted p = 0.9

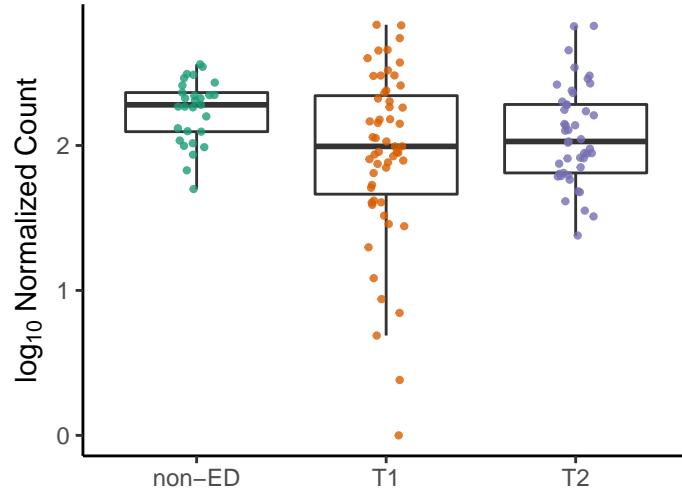


### *Hymenobacter* sp. PAMC 26628

non-ED vs. T1 adjusted p = 0.008

non-ED vs. T2 adjusted p = 0.032

T1 vs. T2 adjusted p = 0.85

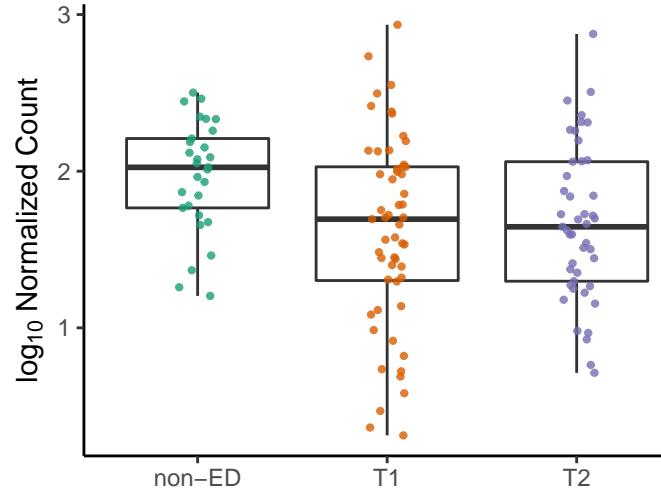


### *Mycolicibacterium moriokaense*

non-ED vs. T1 adjusted p = 0.008

non-ED vs. T2 adjusted p = 0.016

T1 vs. T2 adjusted p = 0.85

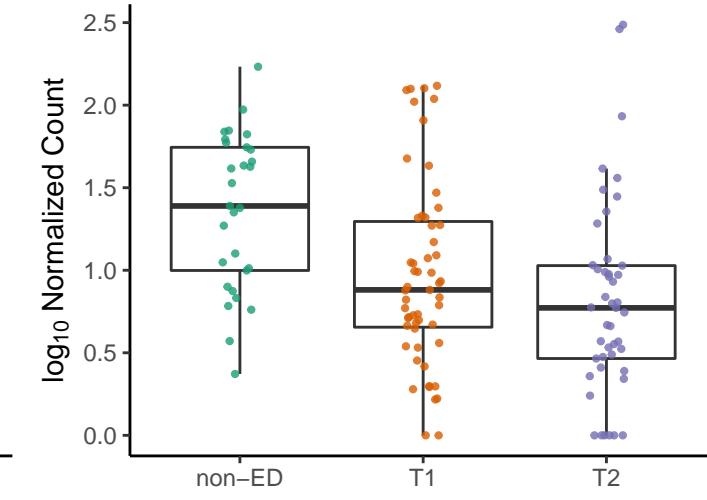


### *Mycoplasma maculosum*

non-ED vs. T1 adjusted p = 0.008

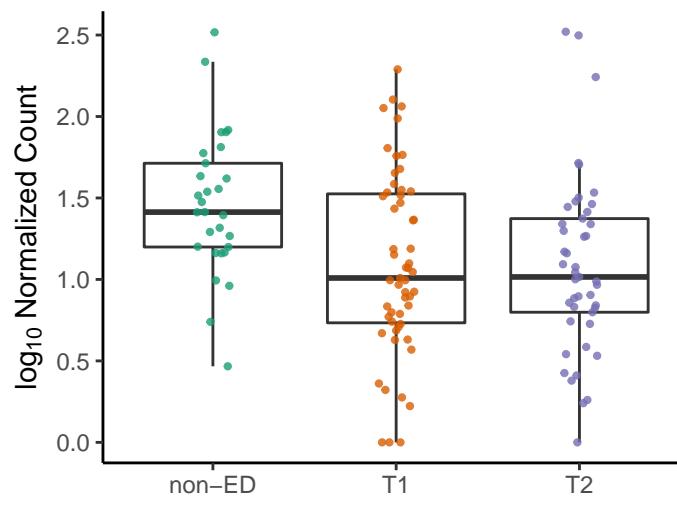
non-ED vs. T2 adjusted p = 0.0023

T1 vs. T2 adjusted p = 0.85



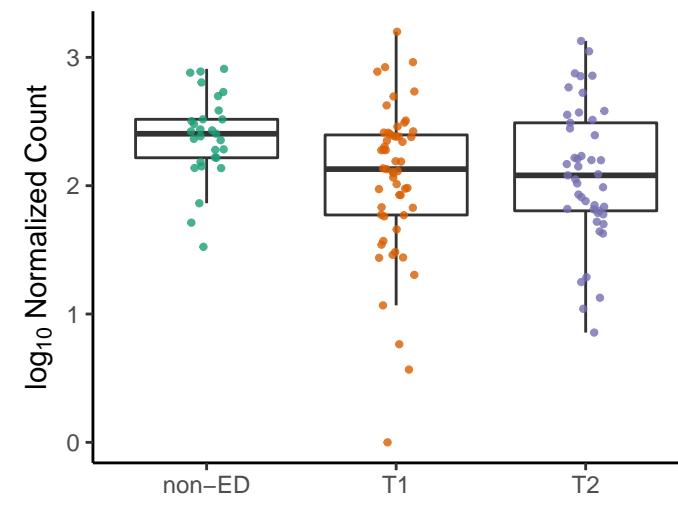
### *Nitrosopumilus adriaticus*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.98



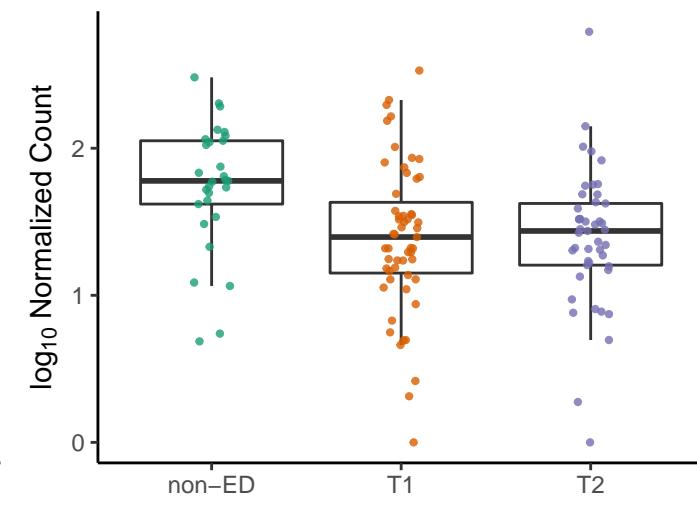
### *Massilia oculi*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



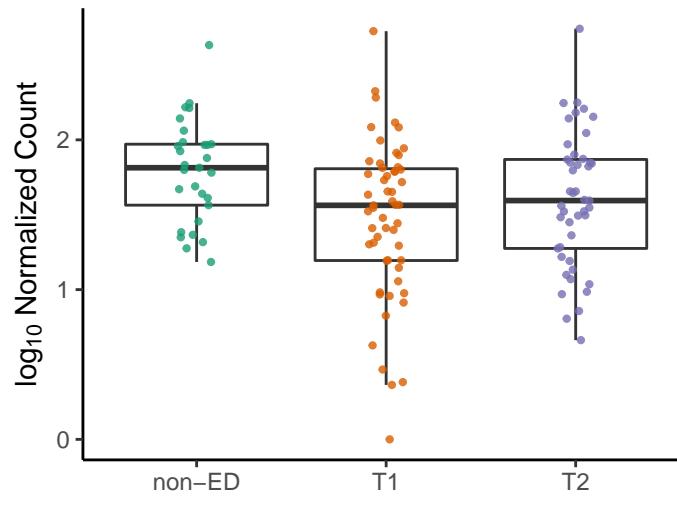
### *Mesorhizobium* sp. M7A.F.Ce.TU.012.03

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.93



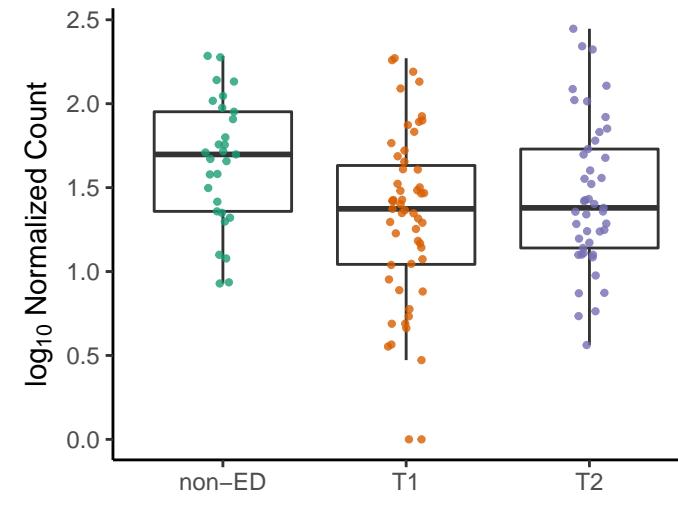
### *Synechococcus* sp. KORDI-100

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.85



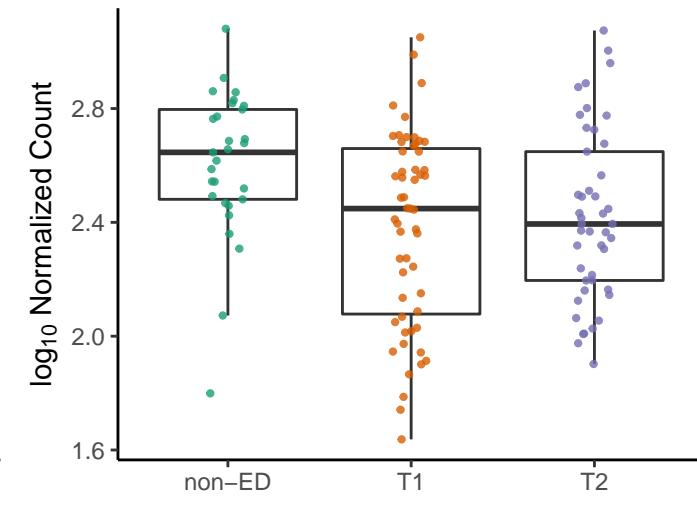
### *Synechococcus* sp. WH 7803

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



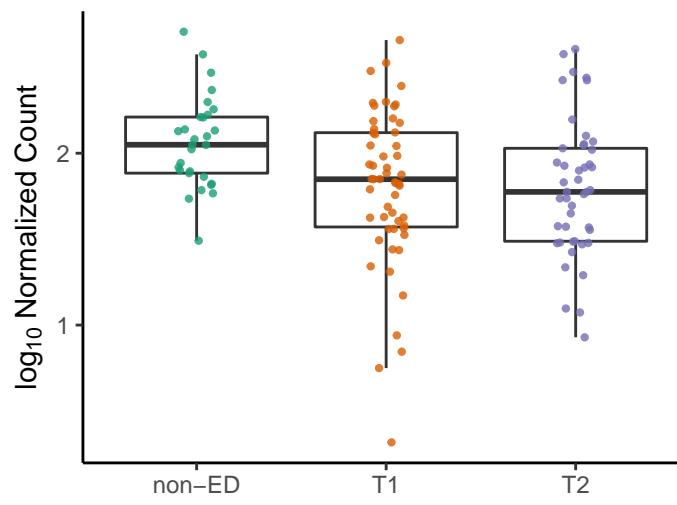
### Unclassified Dickeya Genus

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



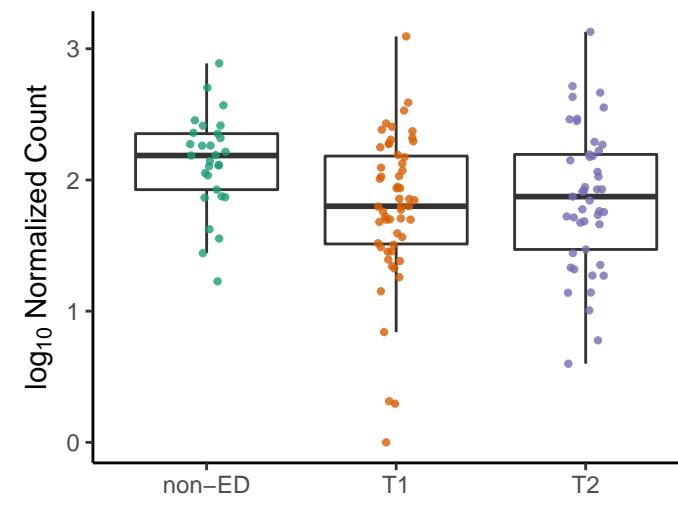
### *Vibrio furnissii*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.97



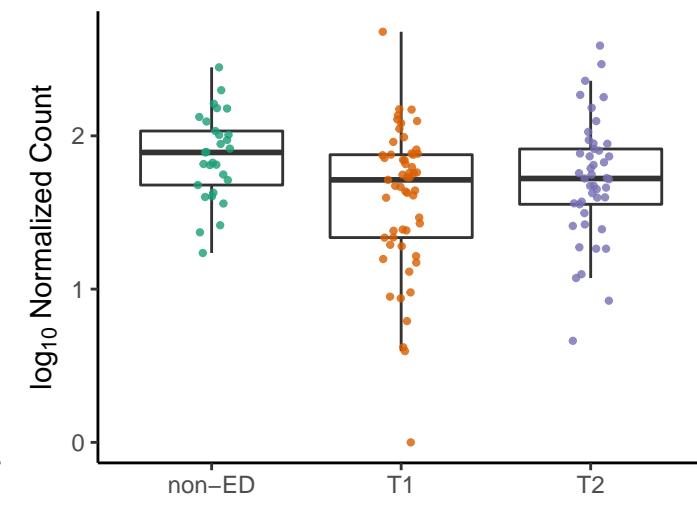
### *Luteipulveratus mongoliensis*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



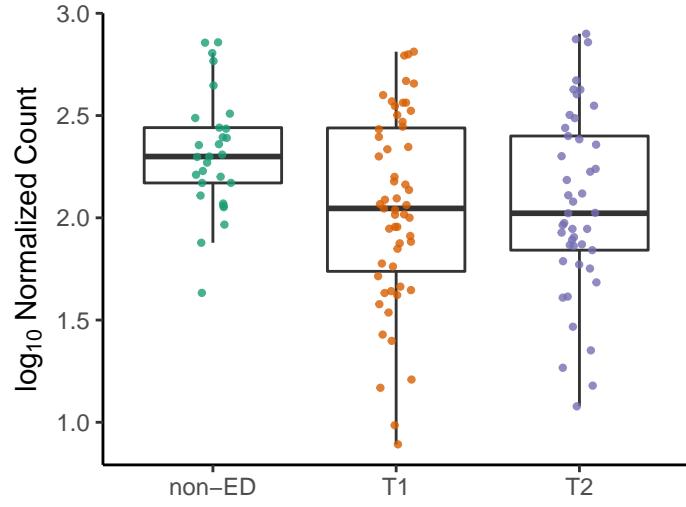
### *Mariprofundus aestuarium*

non-ED vs. T1 adjusted p = 0.008  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



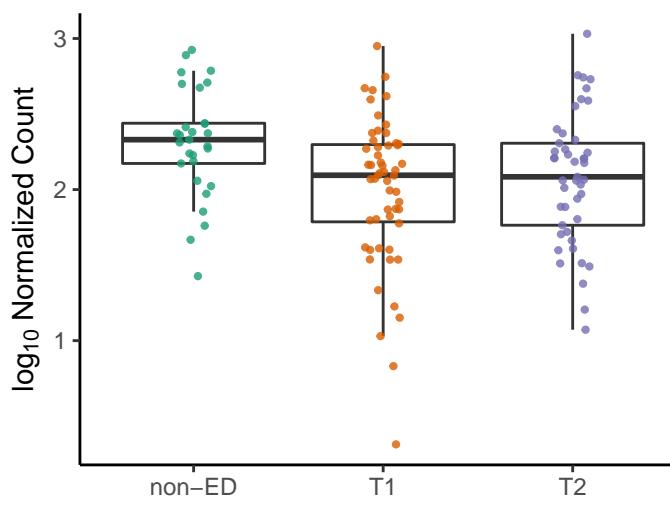
### Nissabacter sp. SGAir0207

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



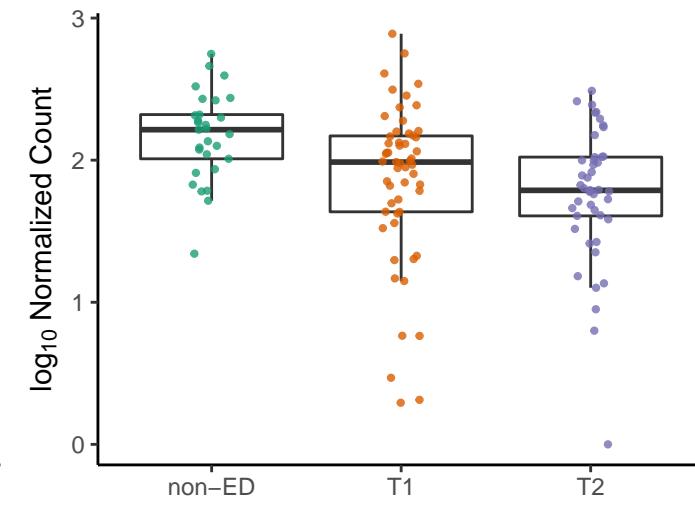
### Arthrobacter crystallopoietes

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



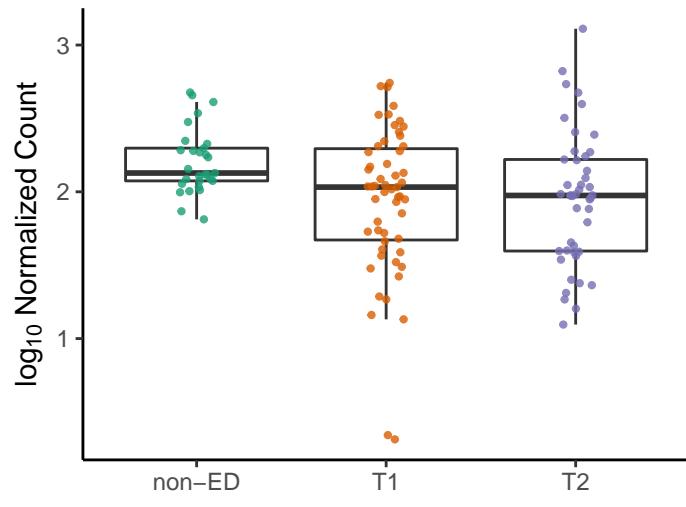
### Comamonas sp. NLF-7-7

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.91



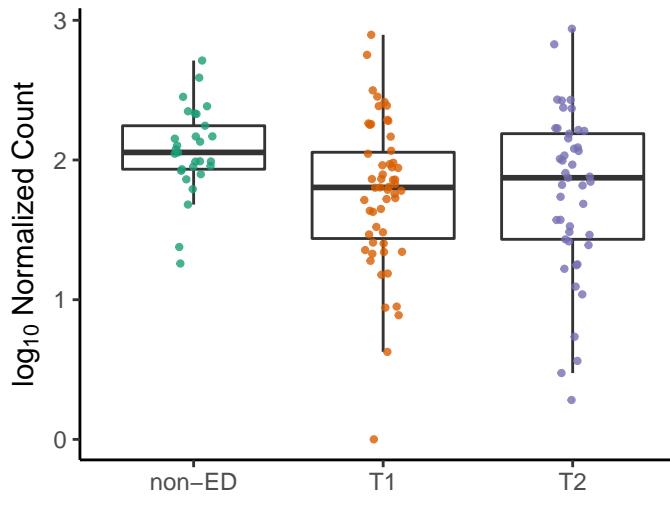
### Methanomassiliicoccaceae archaeon DC

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.91



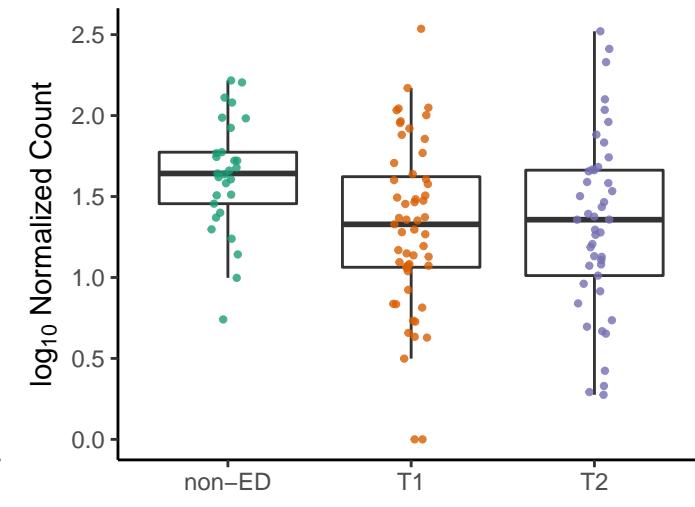
### Micromonospora zamorensis

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.92



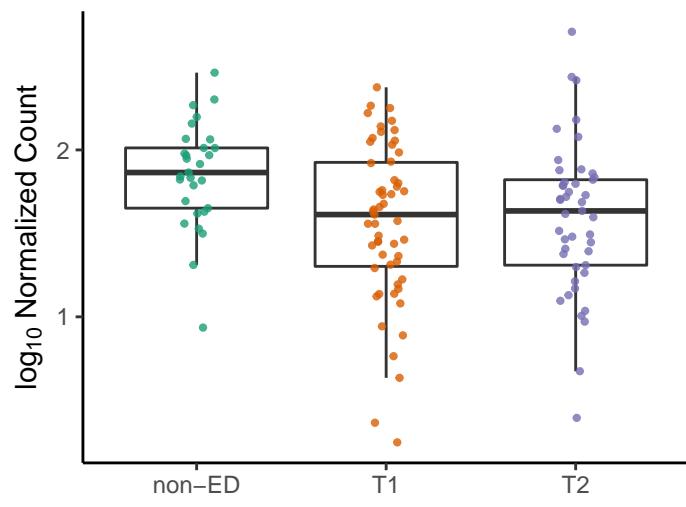
### Psychromonas sp. CNPT3

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.91



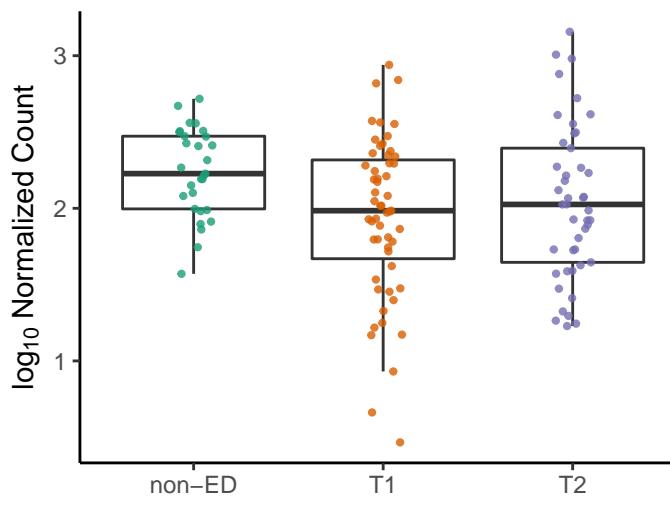
### Rahnella sp. ERMR1:05

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 1



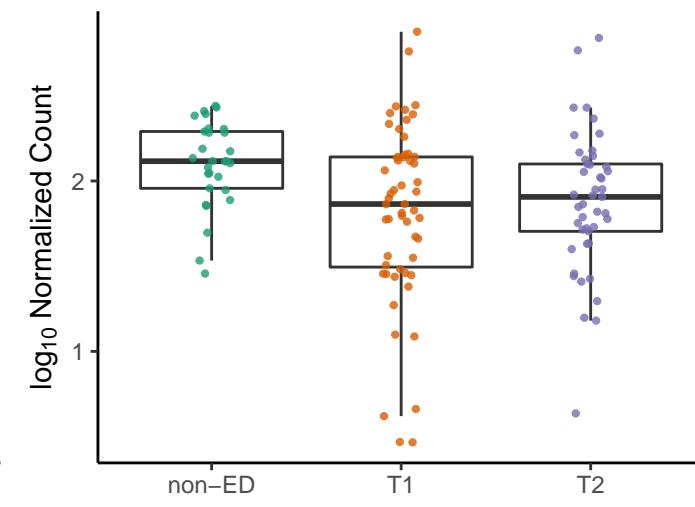
### Streptomyces sp. GS7

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.85



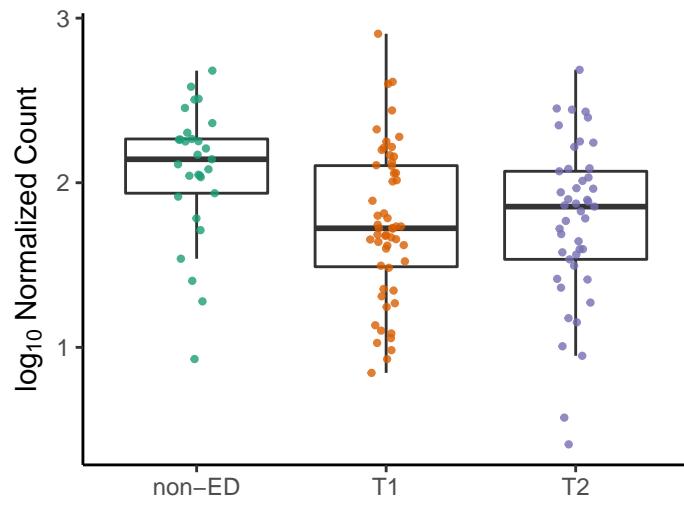
### Leisingera aquaemixtae

non-ED vs. T1 adjusted p = 0.008  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



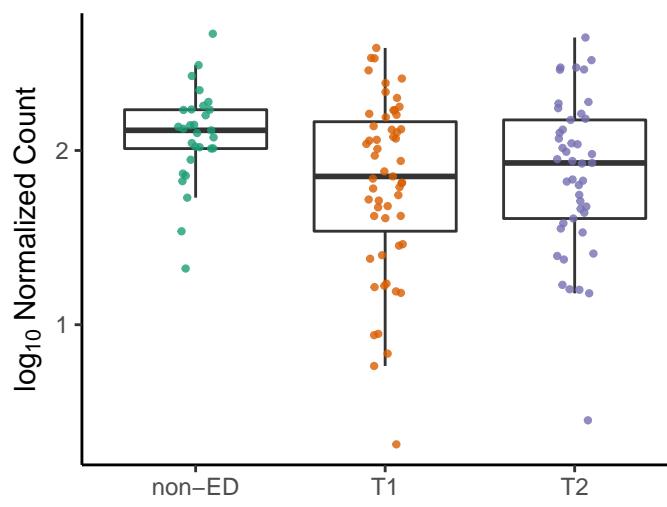
### *Chromobacterium* sp. 257-1

non-ED vs. T1 adjusted p = 0.0081  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.92



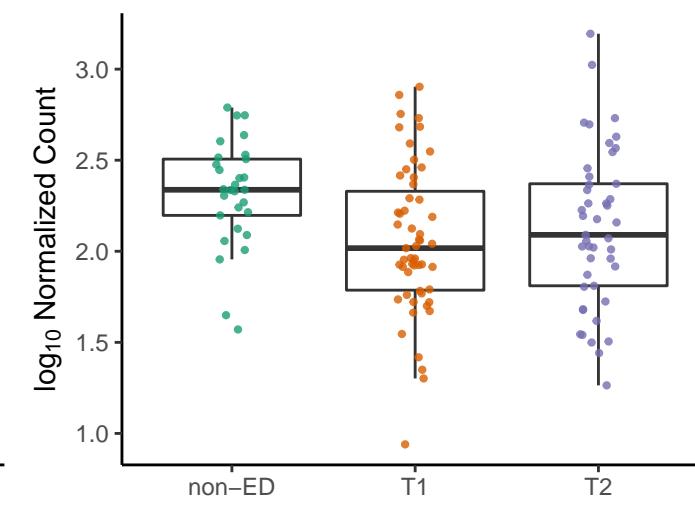
### Unclassified Rhodocyclales Order

non-ED vs. T1 adjusted p = 0.0081  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



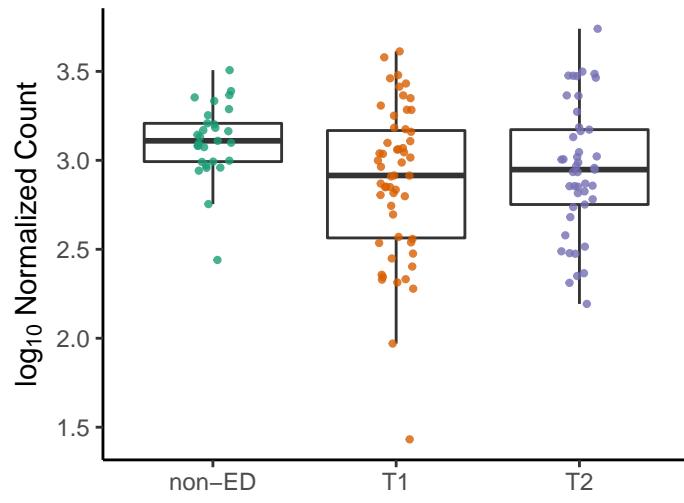
### *Burkholderia* cepacia

non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



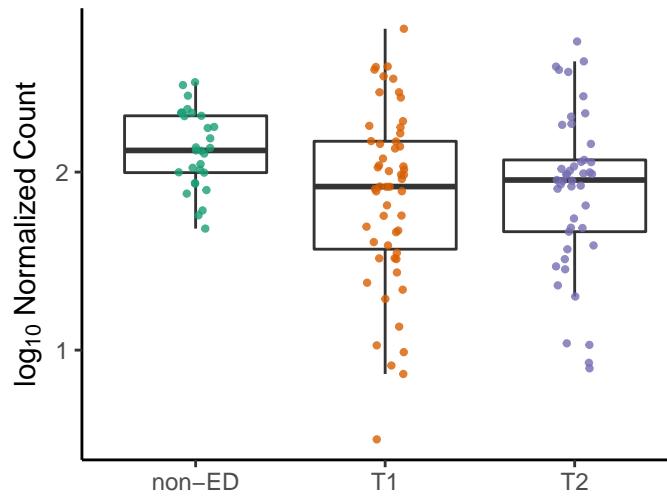
### Unclassified Rhodobacteraceae Family

non-ED vs. T1 adjusted p = 0.0082  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



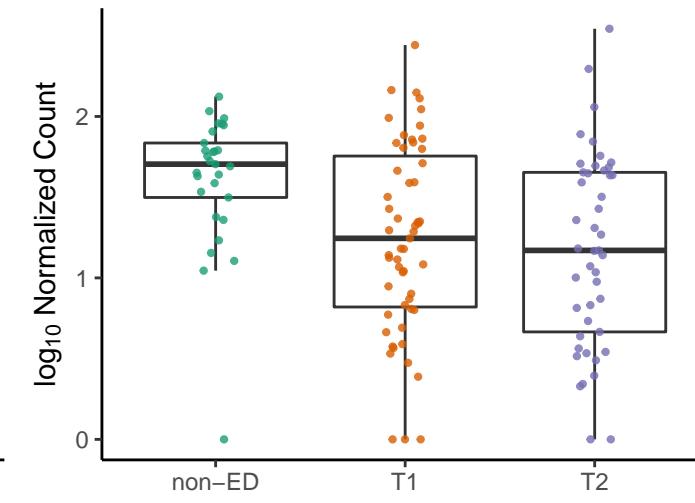
### *Bradyrhizobium* oligotrophicum

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.86



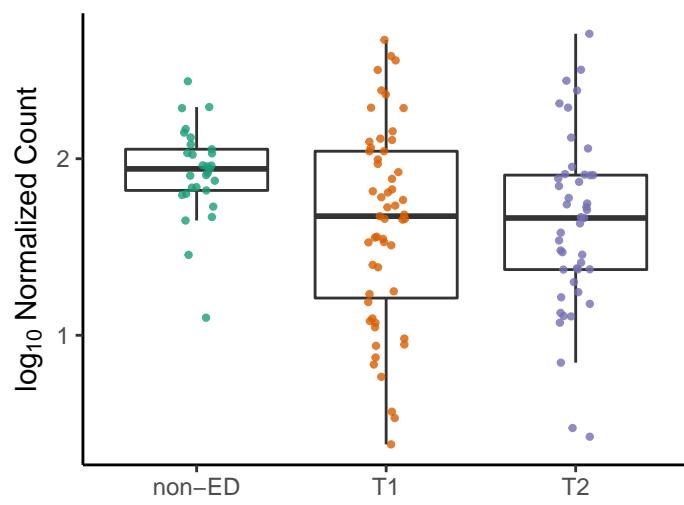
### *Mycoplasma canis*

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.91



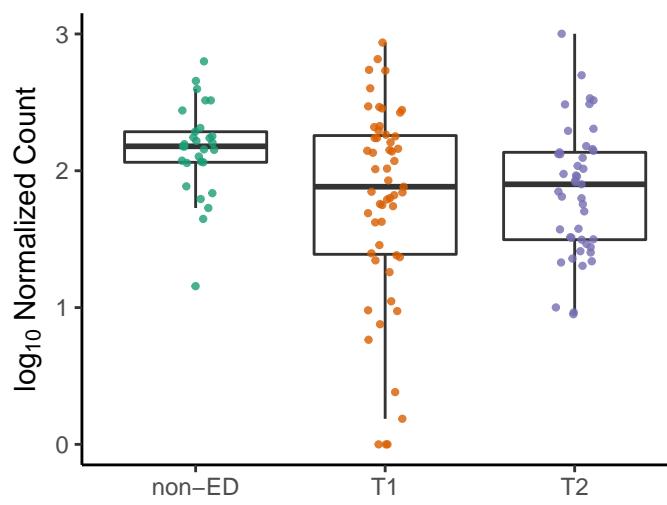
### *Pseudomonas* sp. PE08

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.98



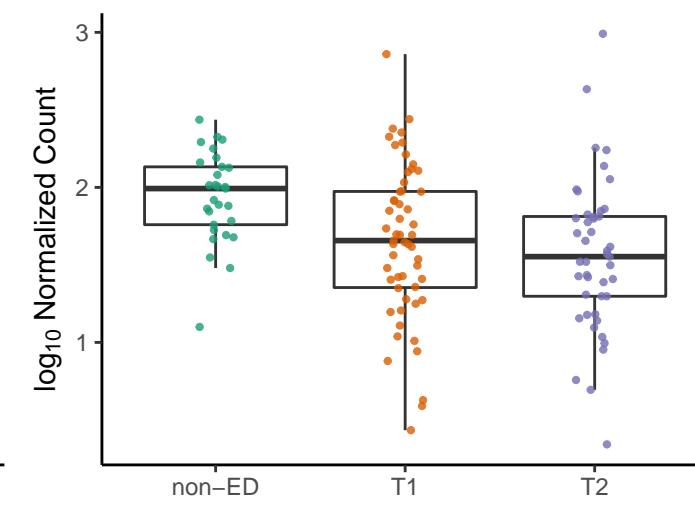
### *Thauera* sp. MZ1T

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.85



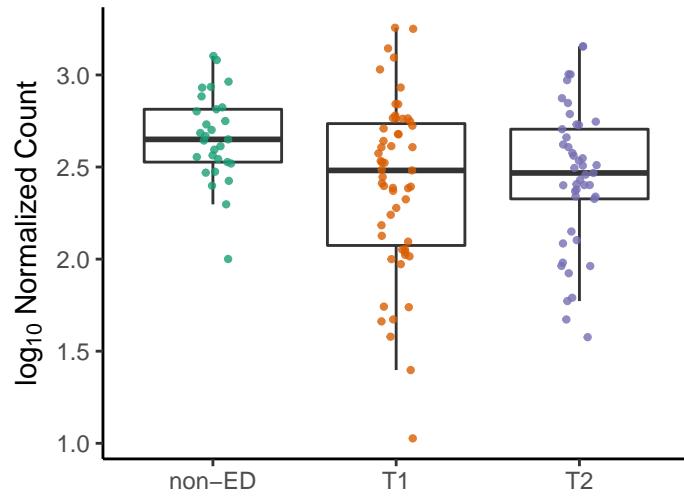
### *Crocospaera* subtropica

non-ED vs. T1 adjusted p = 0.0083  
 non-ED vs. T2 adjusted p = 0.0032  
 T1 vs. T2 adjusted p = 0.85



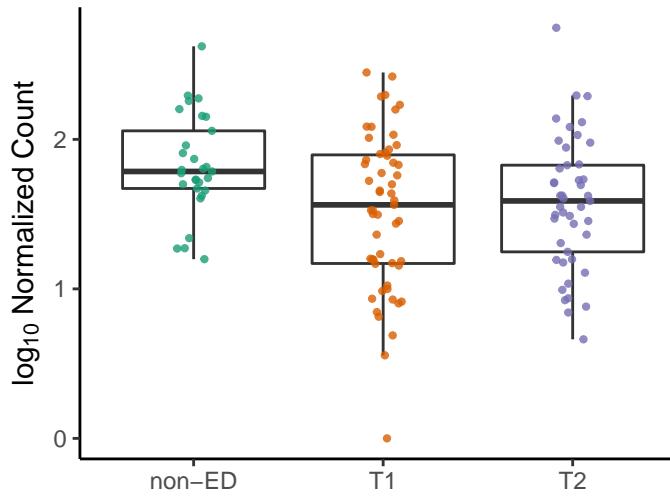
### Unclassified Streptomycetaceae Family

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



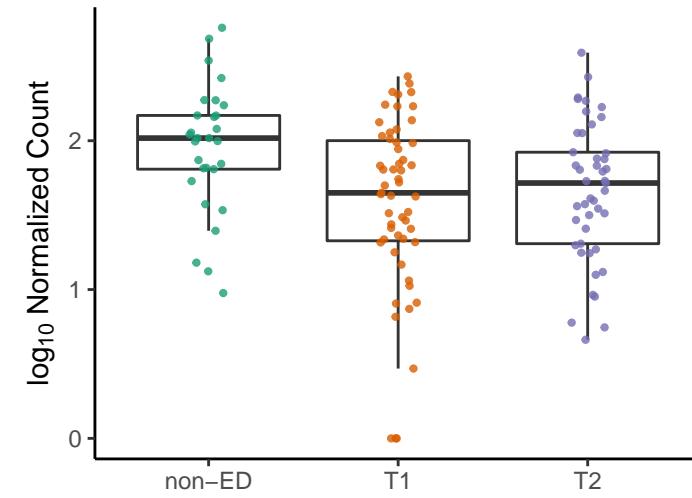
### Unclassified Neisseriaceae Family

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.86



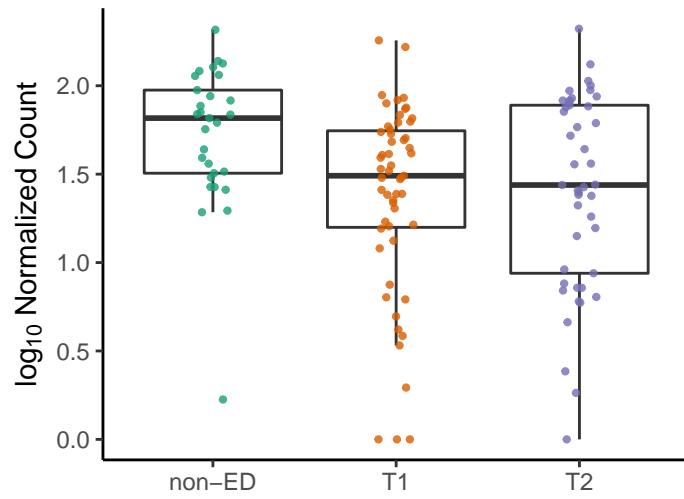
### Brevundimonas mediterranea

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85



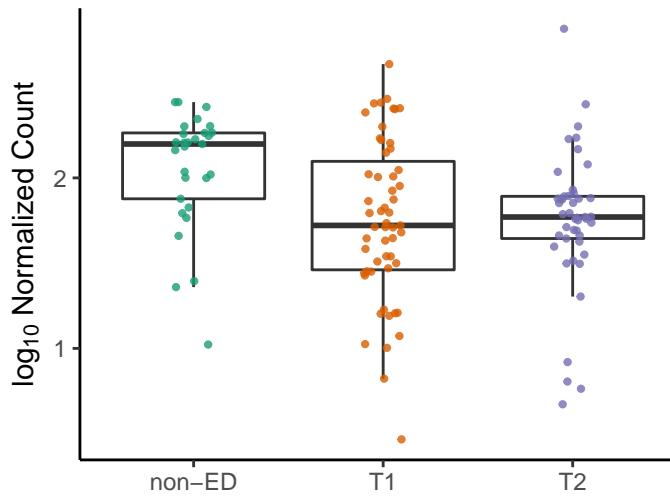
### Thermovibrio ammonificans

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.87



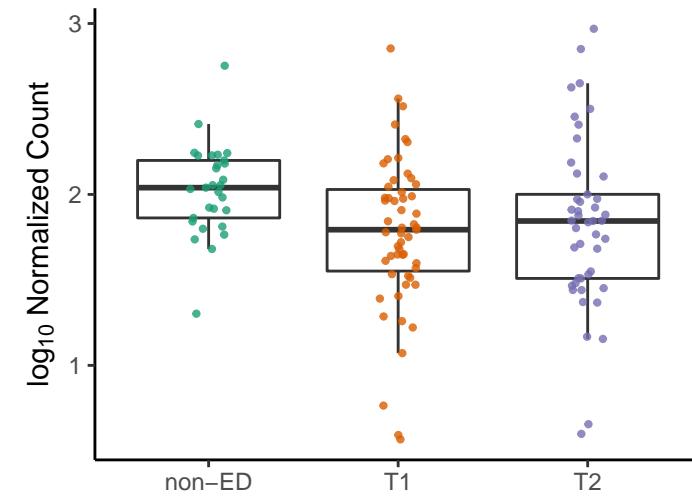
### Acetobacter pasteurianus

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.94



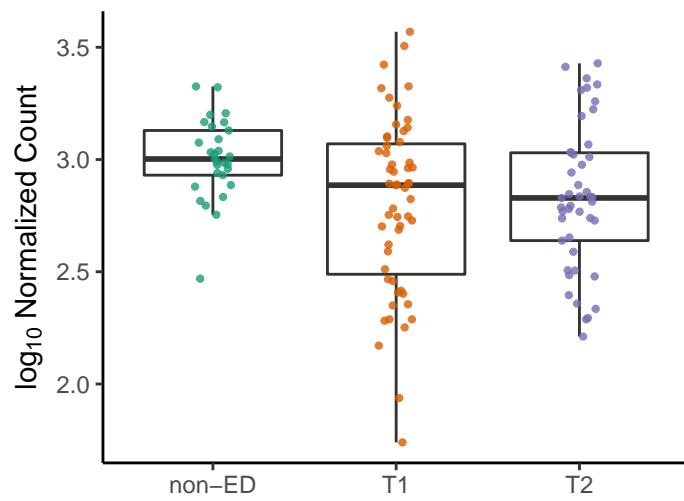
### Dinoroseobacter shibae

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.85



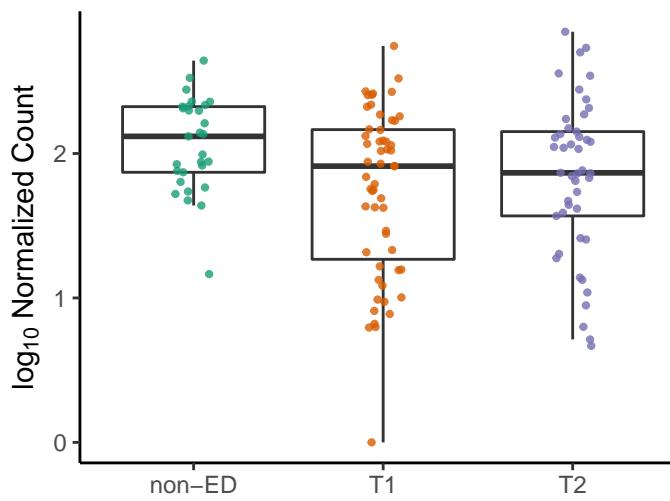
### Pseudomonas putida

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



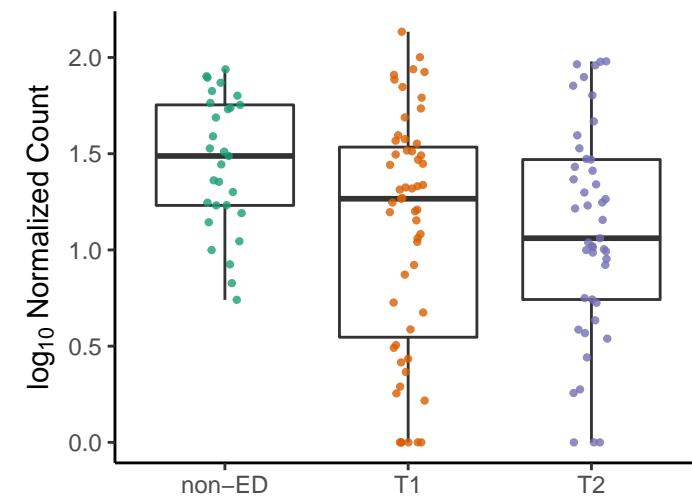
### Streptomyces glaucescens

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.85



### Unclassified Streptosporangiales Order

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.91

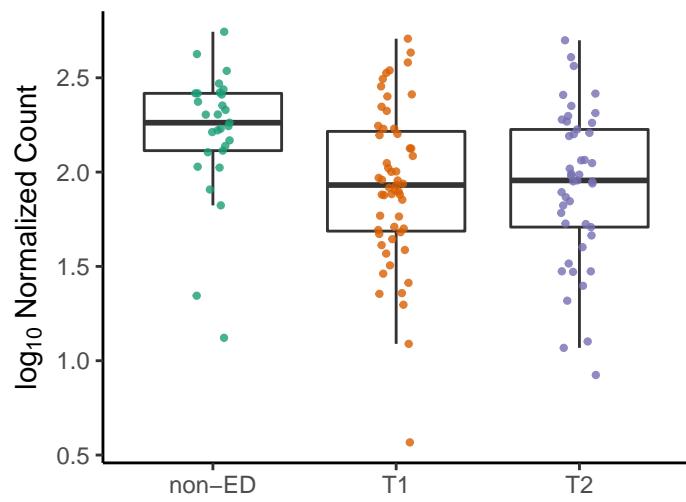


### Unclassified Sulfurospirillum Genus

non-ED vs. T1 adjusted p = 0.0084

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.92

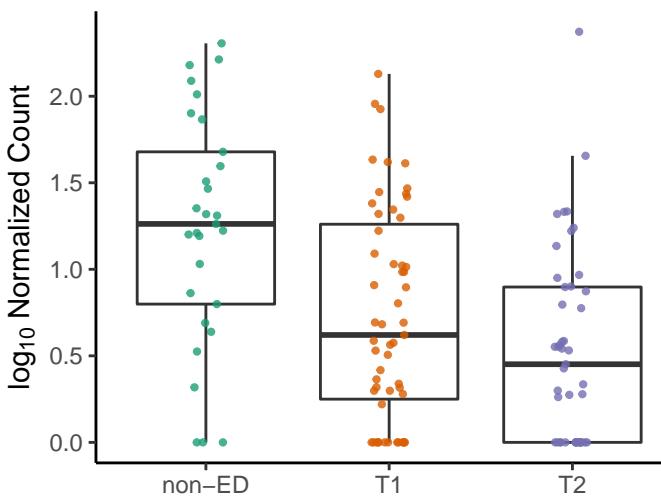


### Nonlabens sp. MIC269

non-ED vs. T1 adjusted p = 0.0084

non-ED vs. T2 adjusted p = 0.002

T1 vs. T2 adjusted p = 0.76

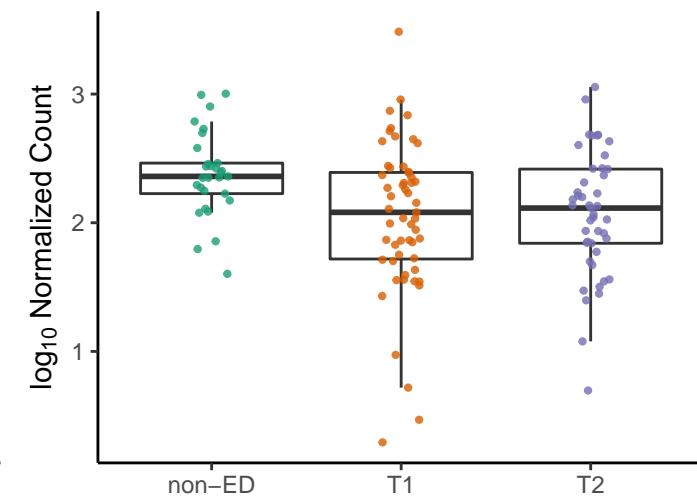


### Unclassified Micromonosporaceae Family

non-ED vs. T1 adjusted p = 0.0085

non-ED vs. T2 adjusted p = 0.012

T1 vs. T2 adjusted p = 0.87

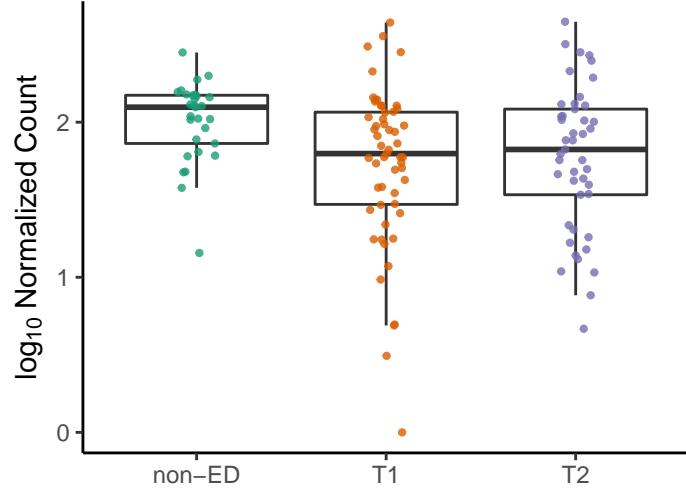


### Crenobacter cavernae

non-ED vs. T1 adjusted p = 0.0085

non-ED vs. T2 adjusted p = 0.025

T1 vs. T2 adjusted p = 0.87

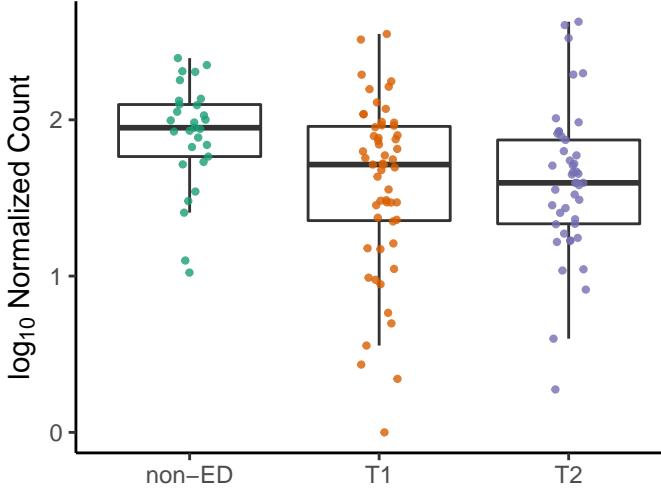


### Streptomyces noursei

non-ED vs. T1 adjusted p = 0.0085

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.88

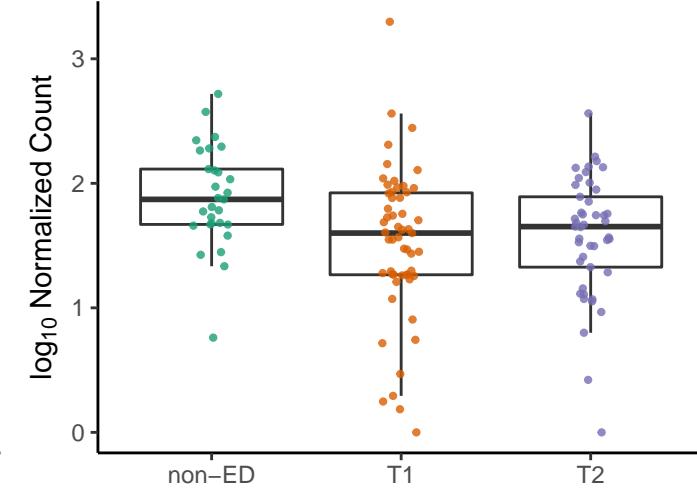


### Methylovirgula ligni

non-ED vs. T1 adjusted p = 0.0085

non-ED vs. T2 adjusted p = 0.016

T1 vs. T2 adjusted p = 0.85

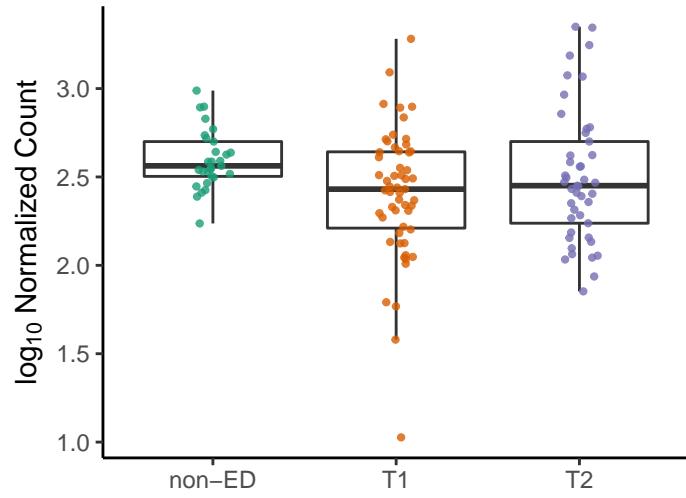


### Paenibacillus beijingensis

non-ED vs. T1 adjusted p = 0.0085

non-ED vs. T2 adjusted p = 0.18

T1 vs. T2 adjusted p = 0.85

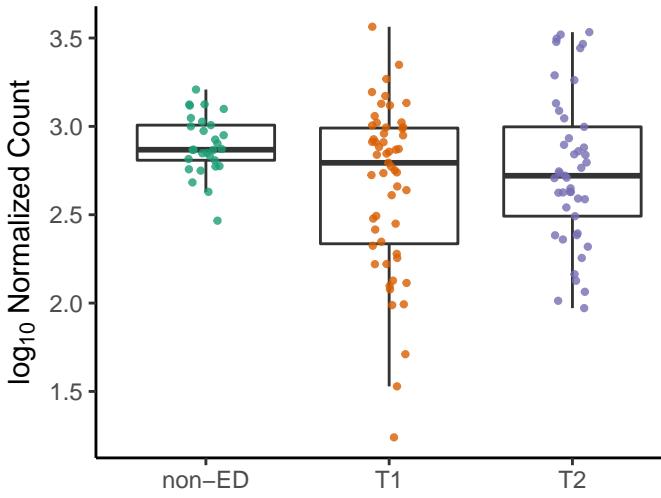


### Heliobacterium modesticaldum

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.086

T1 vs. T2 adjusted p = 0.85

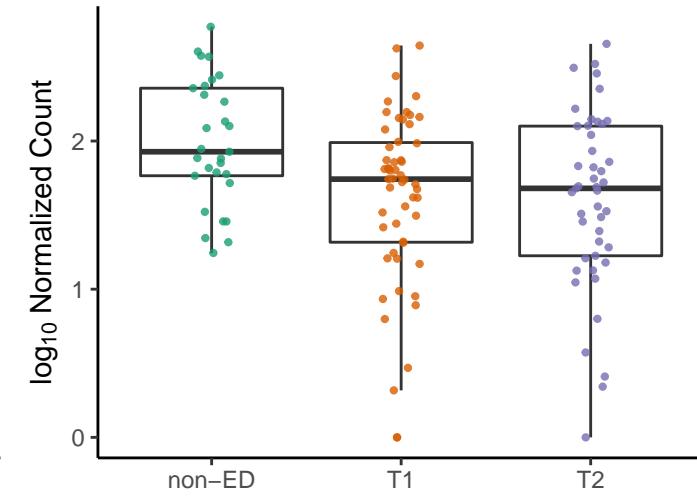


### Neisseria zoodegmatis

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.012

T1 vs. T2 adjusted p = 0.85

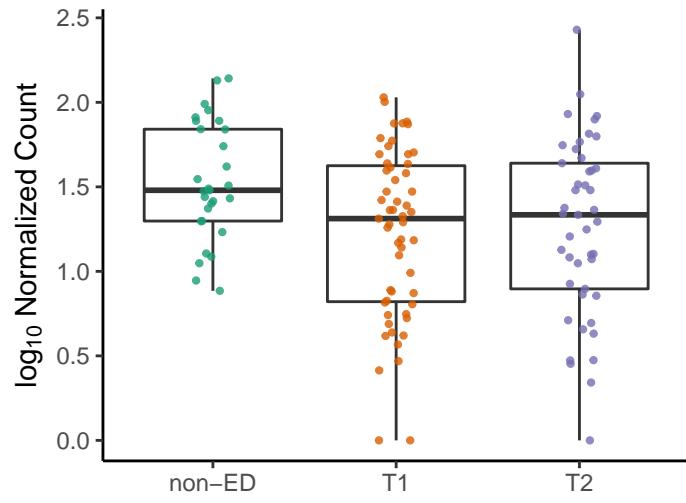


### Bifidobacterium coryneforme

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.03

T1 vs. T2 adjusted p = 0.86

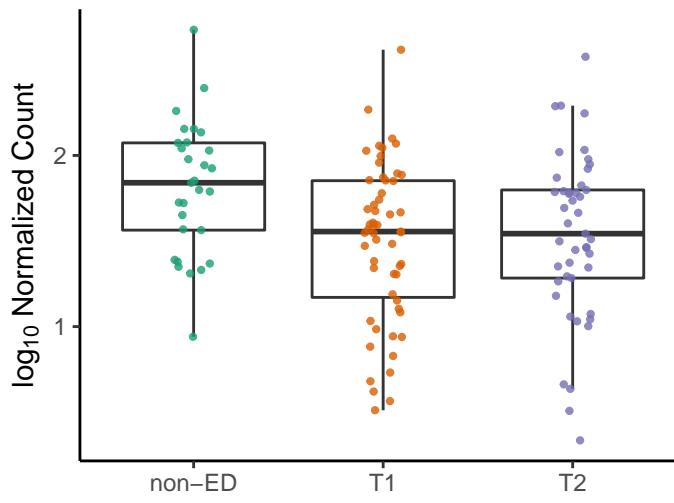


### Methanomethylovorans hollandica

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.026

T1 vs. T2 adjusted p = 0.95

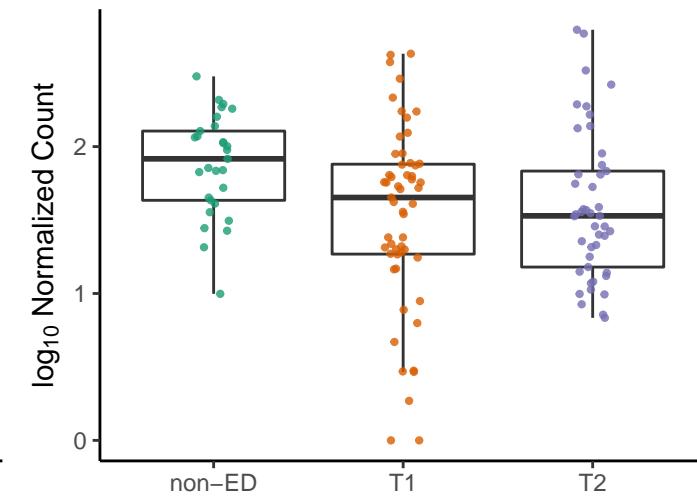


### Hydrocarboniclastica marina

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.02

T1 vs. T2 adjusted p = 0.85

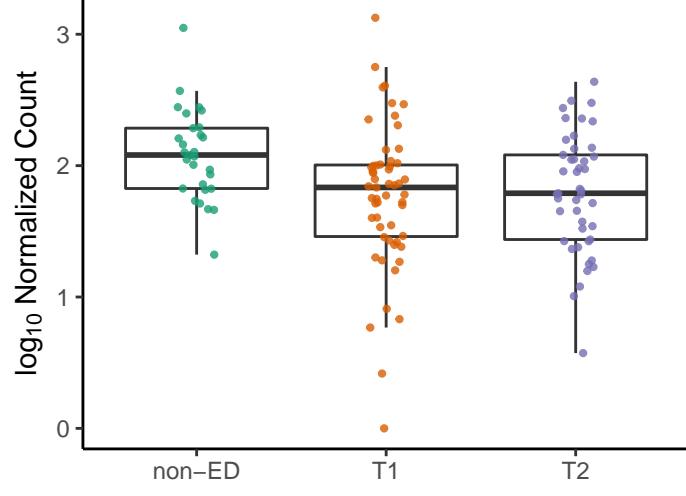


### Dyella thiooxydans

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.85

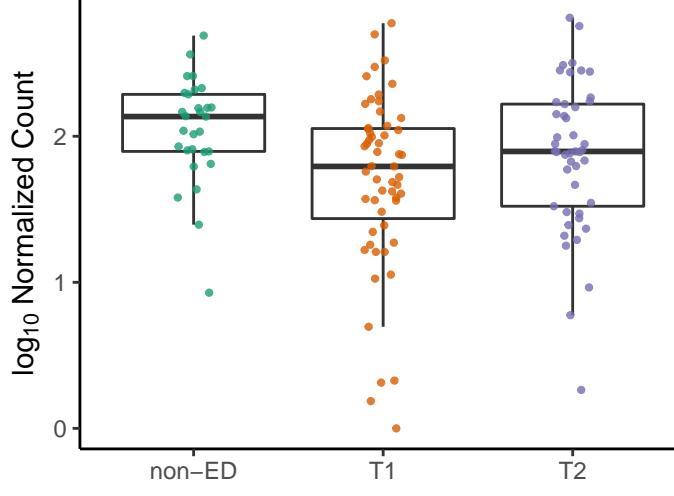


### Pseudomonas denitrificans (nomen rejici)

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.13

T1 vs. T2 adjusted p = 0.75

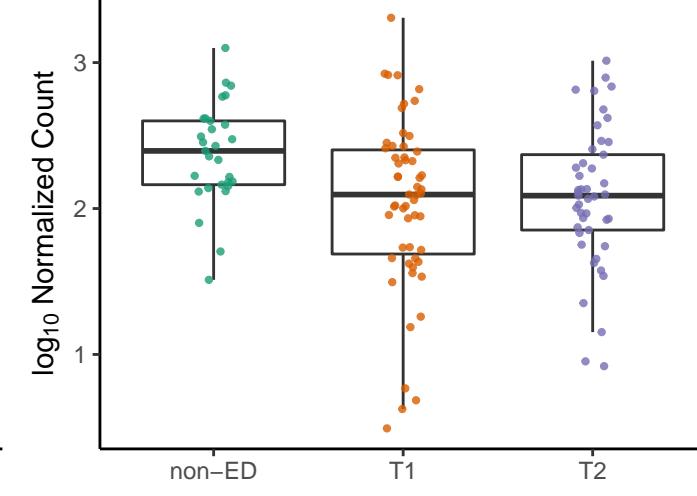


### Rhizobacter gummiphilus

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.016

T1 vs. T2 adjusted p = 0.85

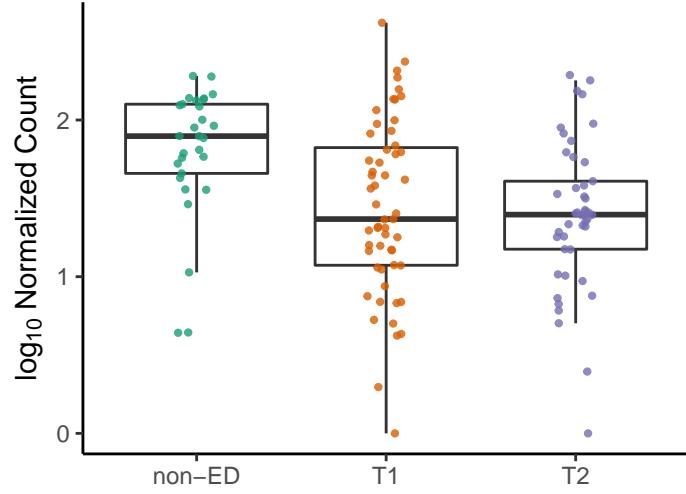


### Unclassified Borrelia Genus

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.0046

T1 vs. T2 adjusted p = 0.85

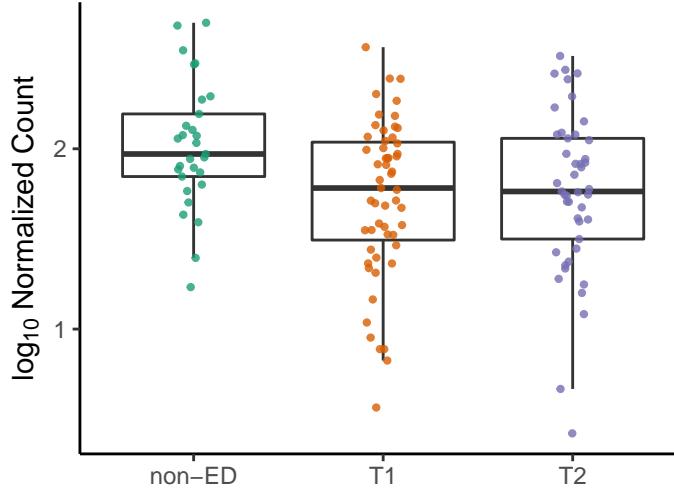


### Mesorhizobium sp. M6A.T.Cr.TU.016.01.

non-ED vs. T1 adjusted p = 0.0086

non-ED vs. T2 adjusted p = 0.025

T1 vs. T2 adjusted p = 0.87

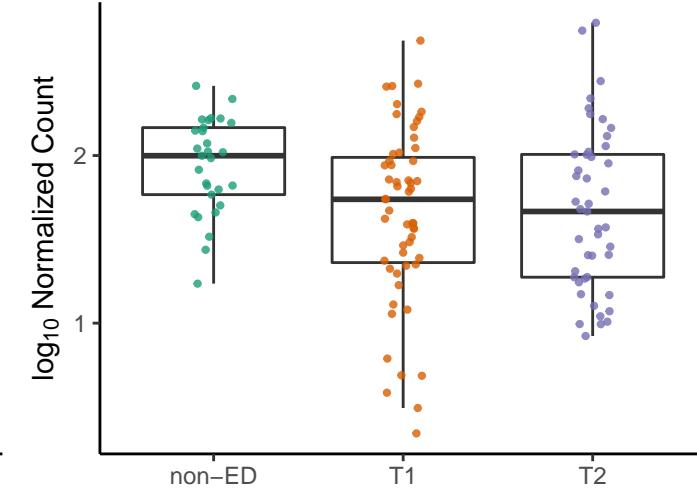


### Dermacoccus nishinomiyaensis

non-ED vs. T1 adjusted p = 0.0086

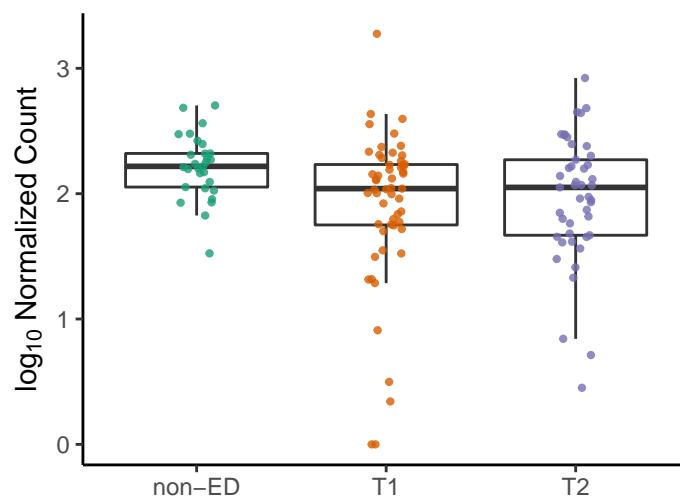
non-ED vs. T2 adjusted p = 0.018

T1 vs. T2 adjusted p = 0.92



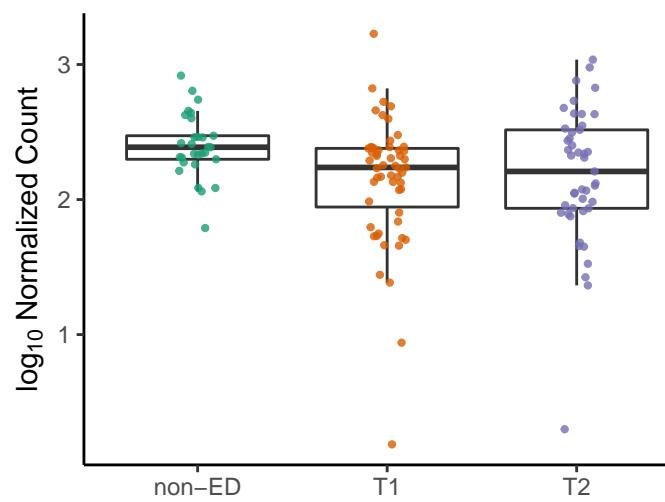
### *Streptomyces avermitilis*

non-ED vs. T1 adjusted p = 0.0086  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



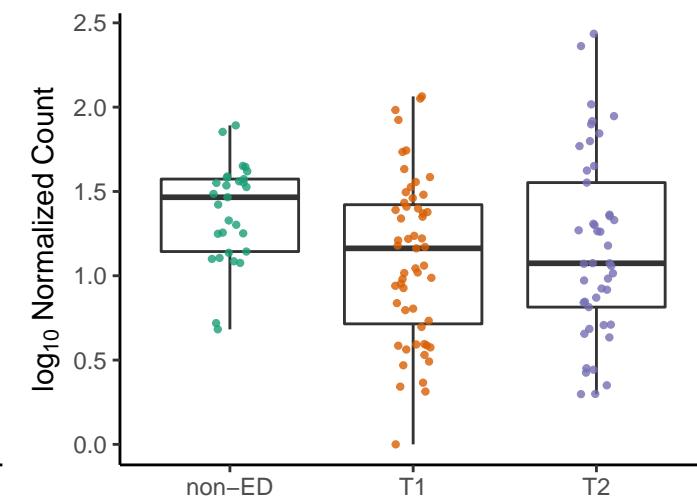
### *Microvirgula aerodenitrificans*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.85



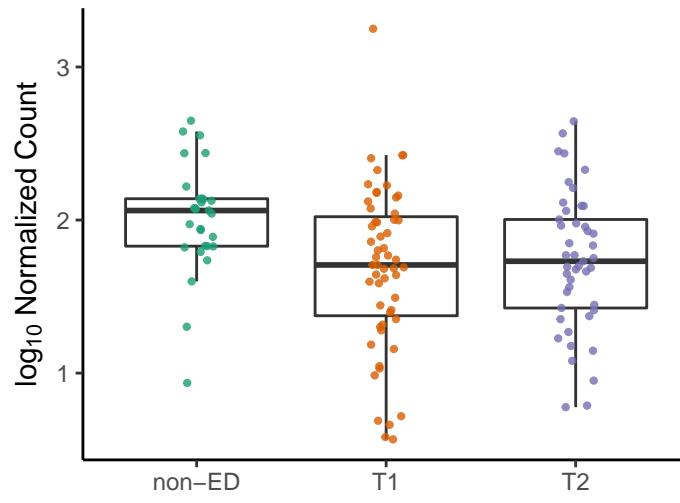
### Unclassified Aeromicrobium Genus

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.85



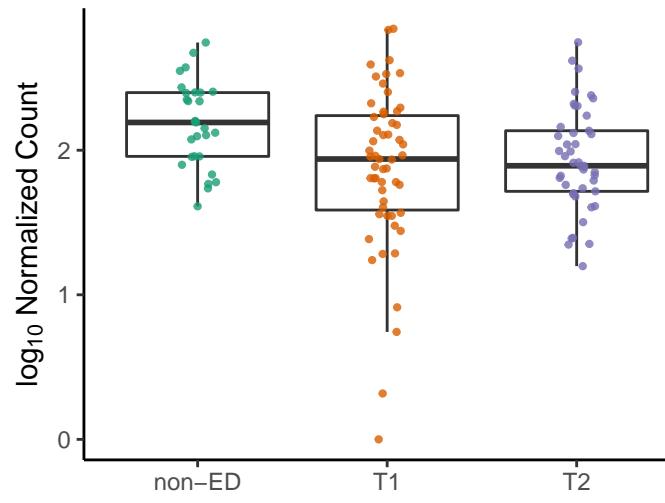
### *Sphingomonas ginsengisoli* An et al. 201

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



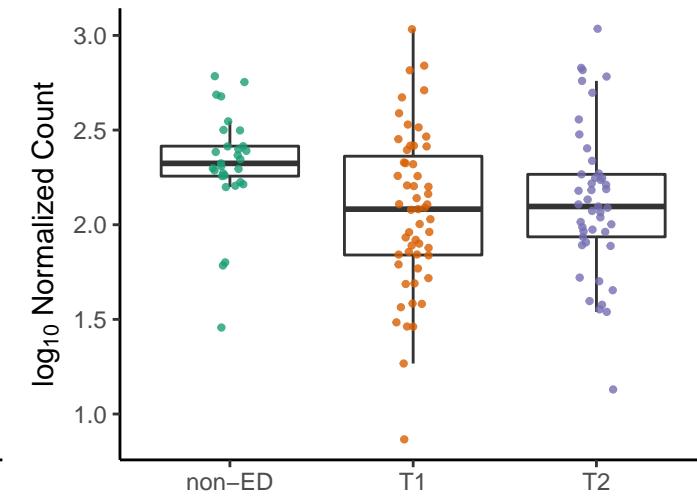
### *Micromonospora auratinigra*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



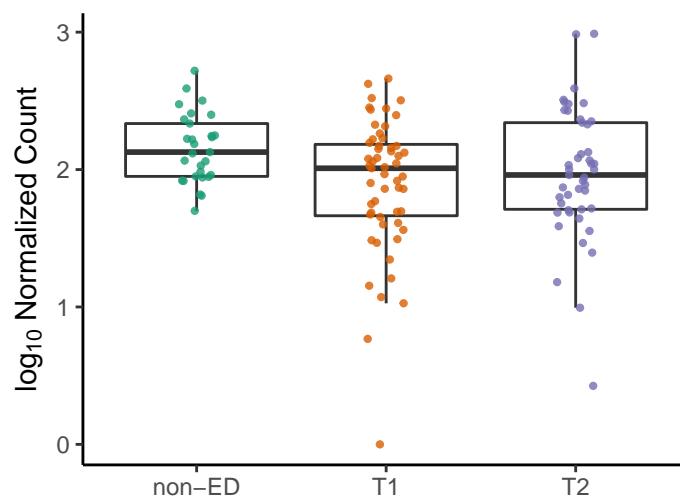
### *Phaeobacter gallaeciensis*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



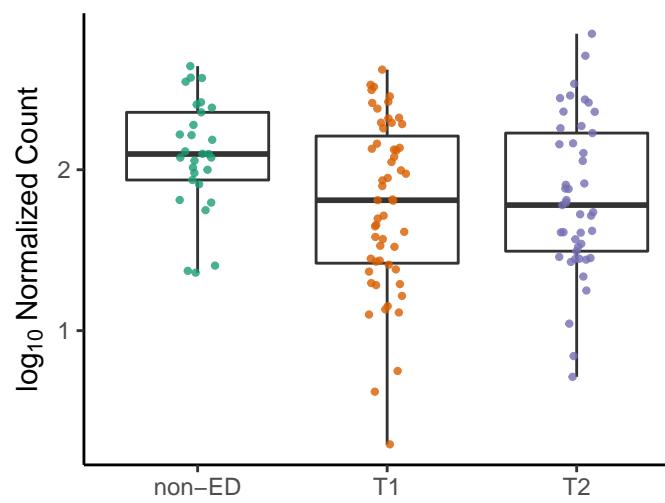
### *Microlunatus* sp. KUDC0627

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



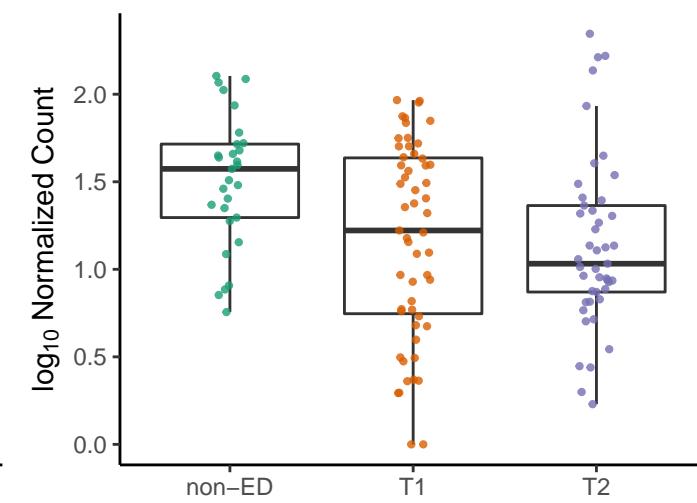
### *Ectothiorhodospira* sp. BSL-9

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.88



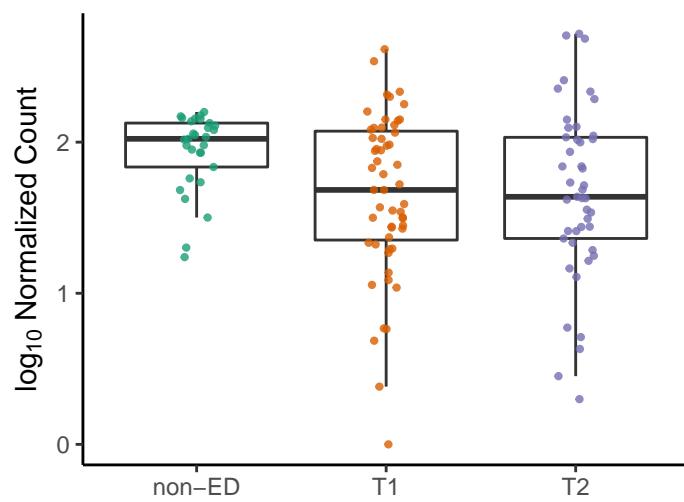
### *Shewanella denitrificans*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.99



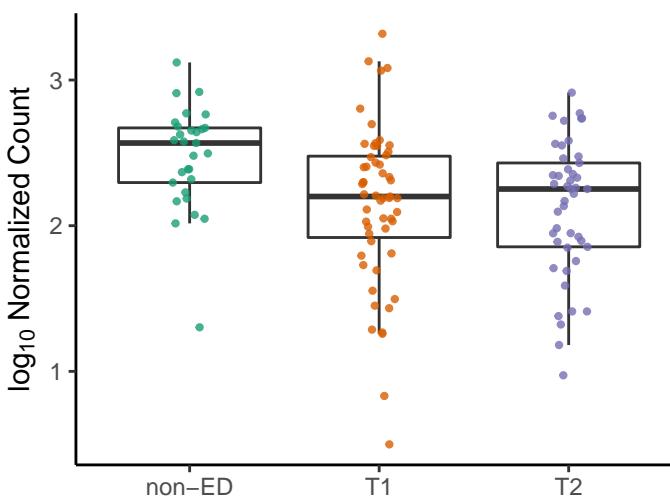
### *Frateuria aurantia*

non-ED vs. T1 adjusted p = 0.0087  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



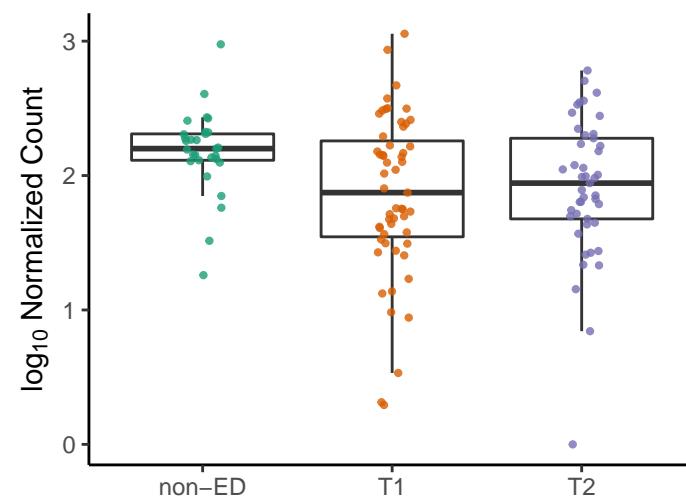
### *Propionimicrobium sp. Marseille-P3275*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.95



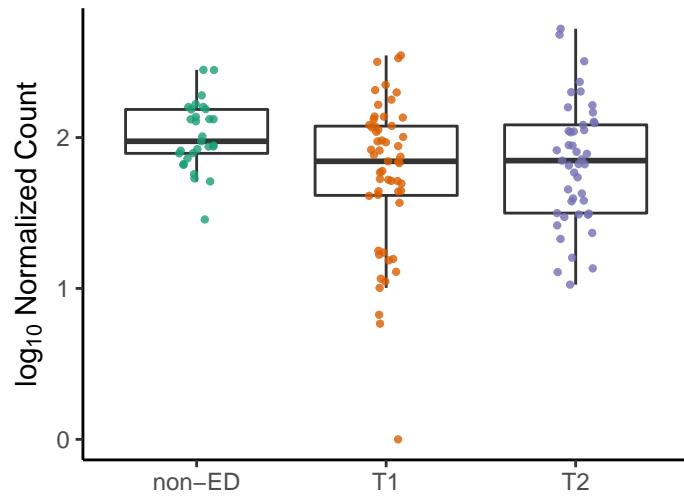
### *Caulobacter sp. Ji-3-8*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



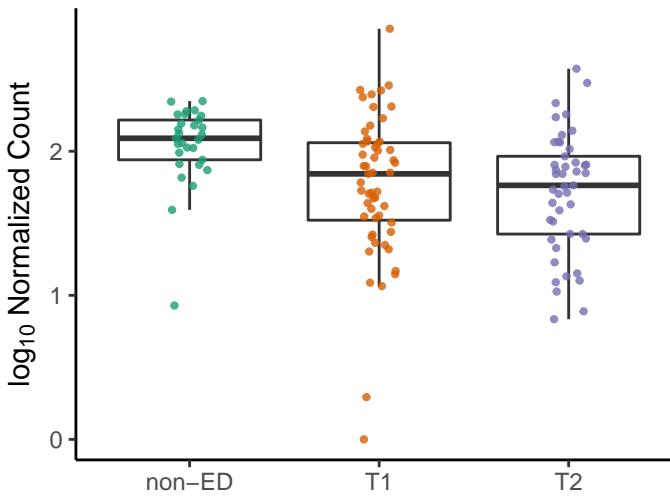
### *Edaphobacter sp. 12200R-103*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



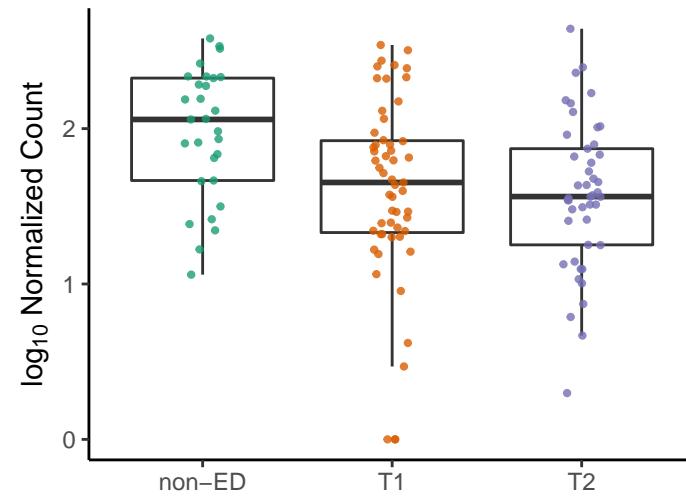
### *Salinivirga cyanobacteriivorans*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.87



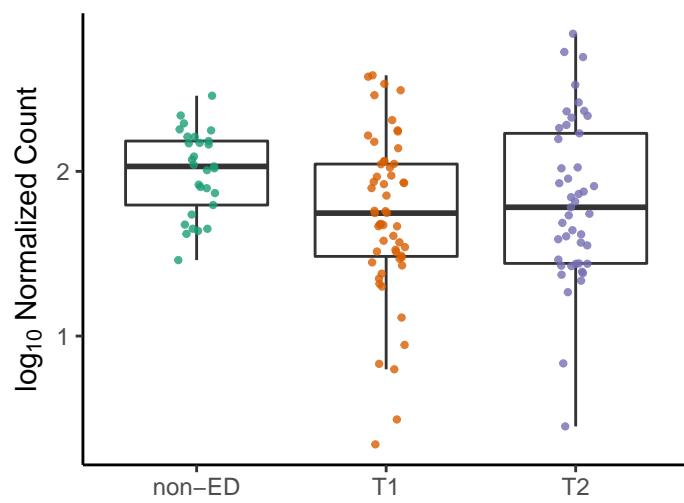
### *Xylanimonas cellulosilytica*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.0056  
 T1 vs. T2 adjusted p = 0.99



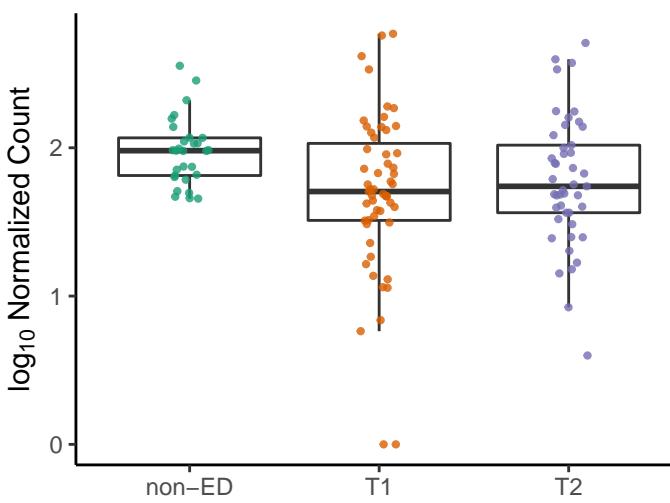
### *Rhizobium gallicum*

non-ED vs. T1 adjusted p = 0.0088  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.85



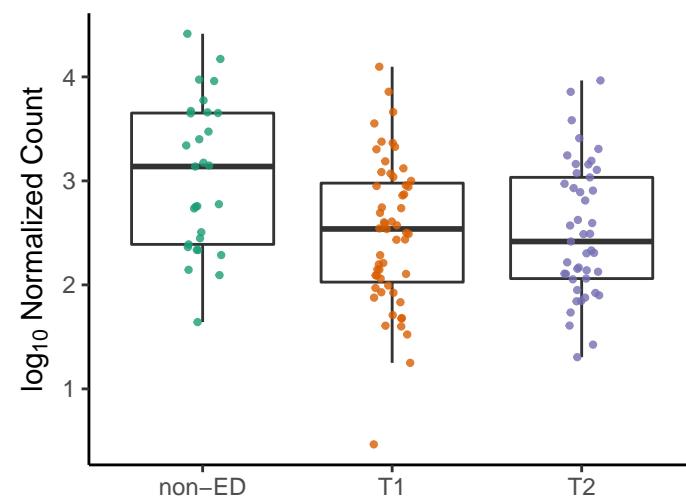
### *Alcanivorax dieselolei*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



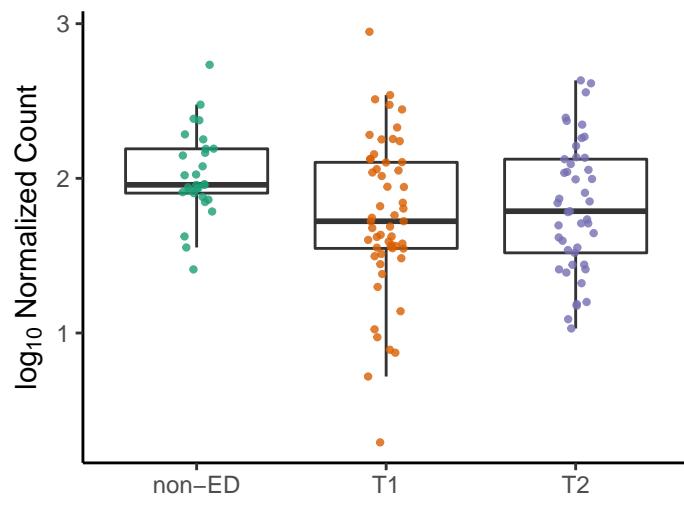
### *Bifidobacterium angulatum*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



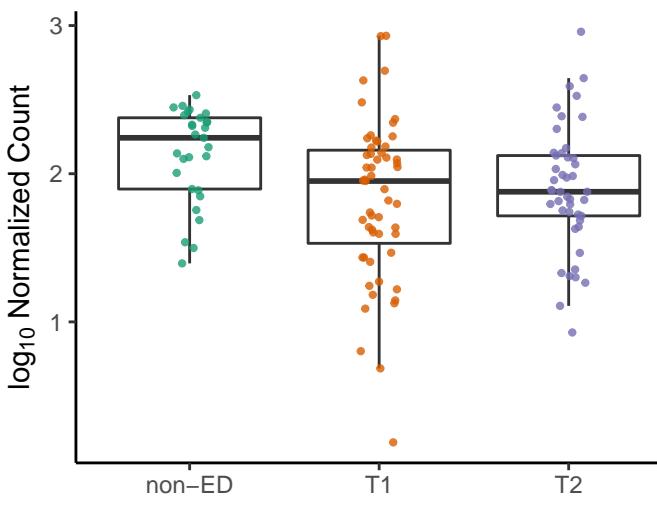
### *Luteimonas* sp. JM171

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



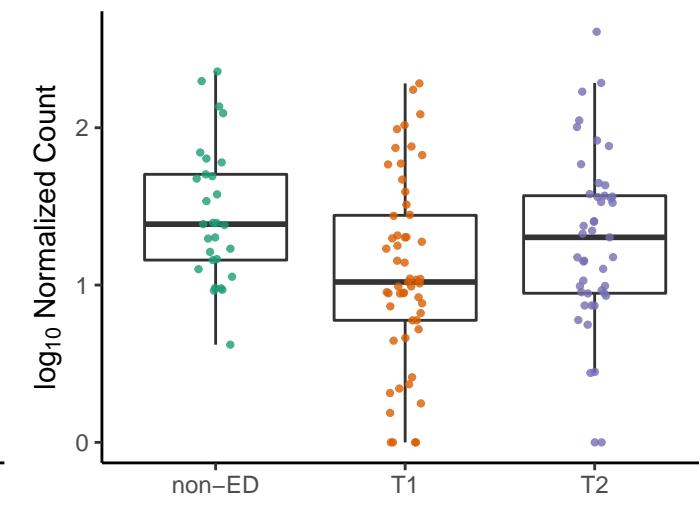
### *Massilia plicata*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



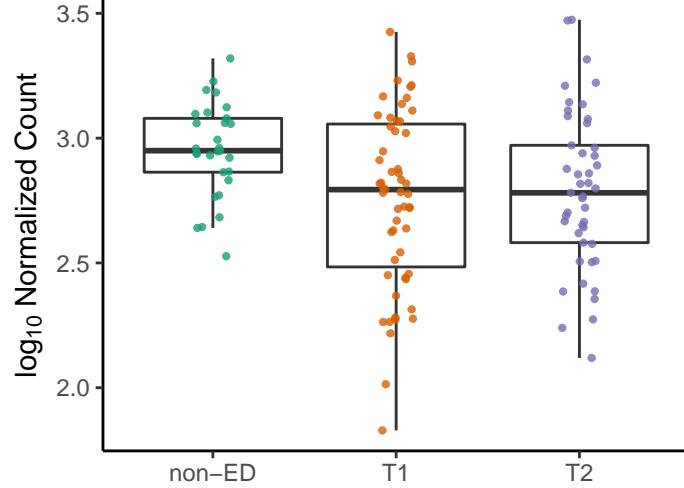
### *Mycobacterium* sp. THAF192

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



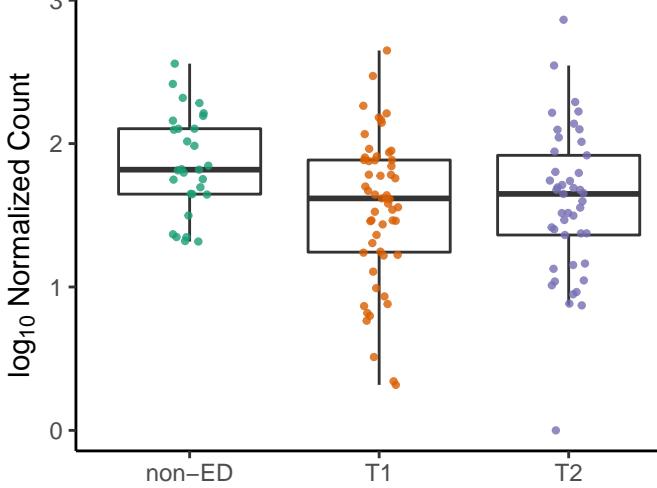
### *Pseudomonas fluorescens*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



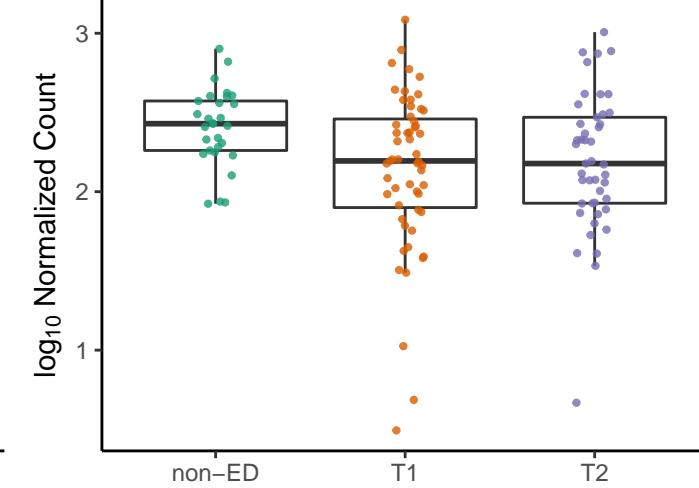
### *Rhizobium* sp. CIAT894

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.93



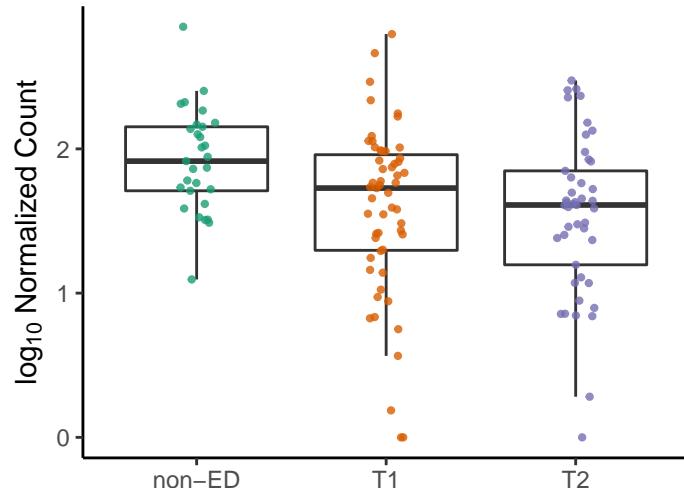
### *Salinibacter ruber*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.87



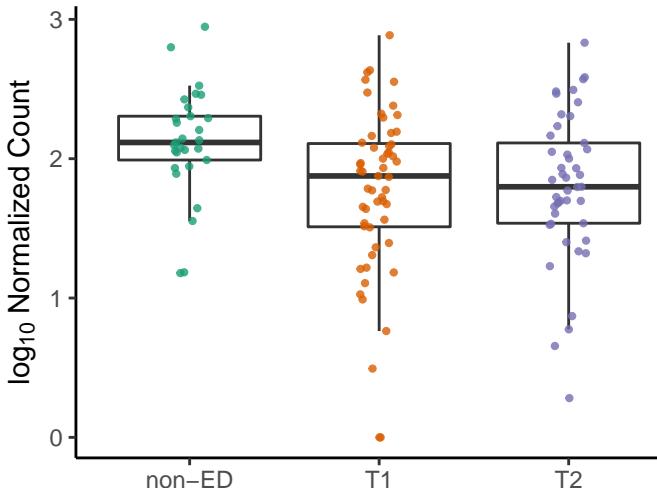
### *Sphingomonas* sp. C33

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.93



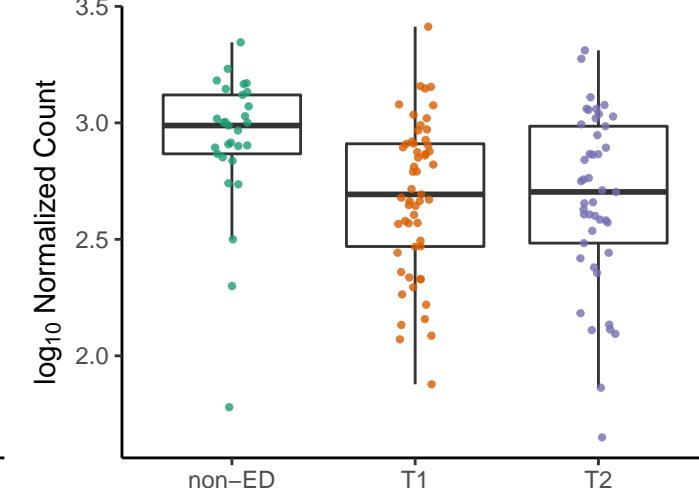
### *Streptomyces parvulus*

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



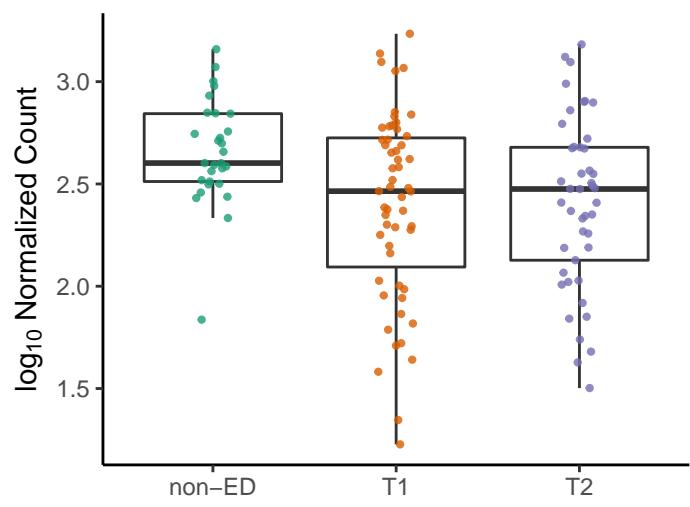
### Unclassified *Butyrivibrio* Genus

non-ED vs. T1 adjusted p = 0.0089  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.97



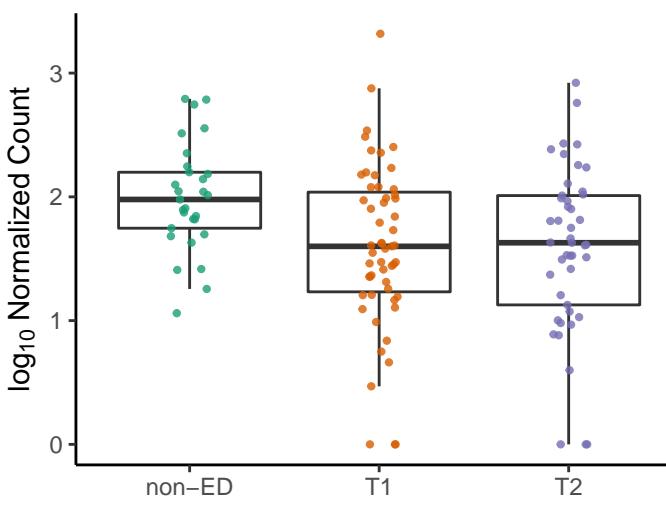
### Unclassified Sphingobium Genus

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.9



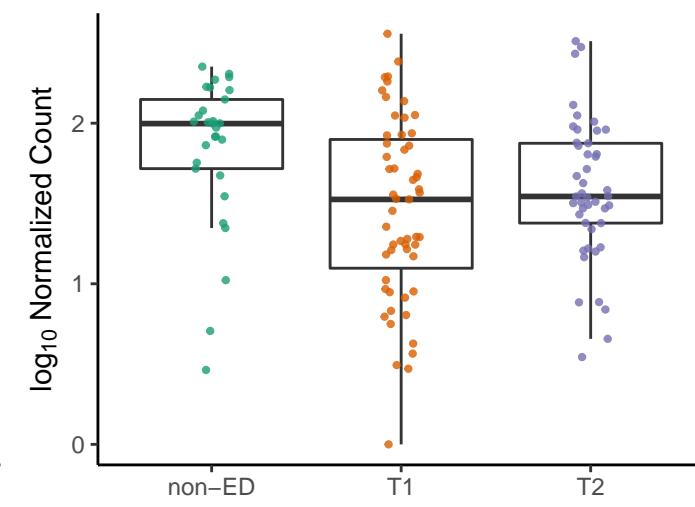
### Streptomyces sp. ADI95-16

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.95



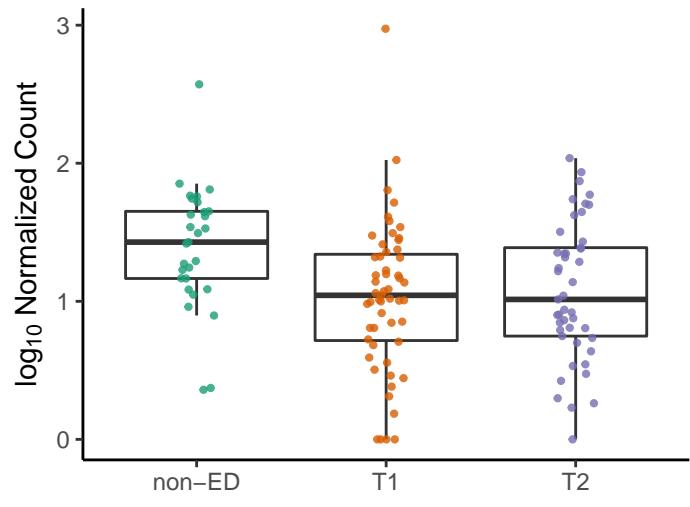
### Neokomagataea sp. Ha5

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.85



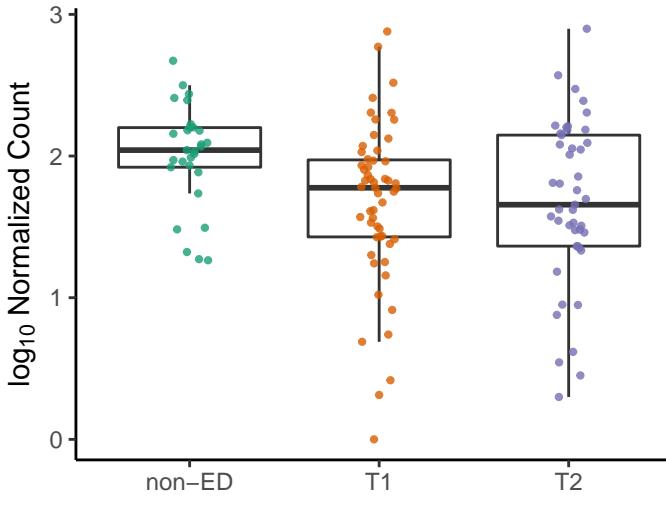
### Sodalis endosymbiont of Henestaris halc

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.86



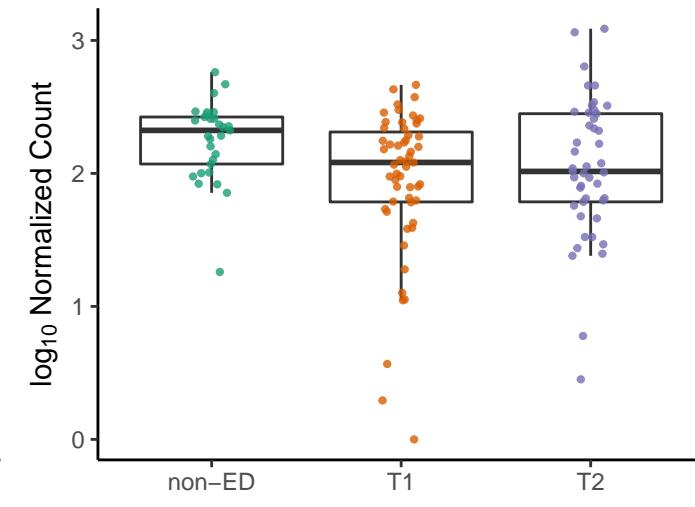
### Variibacter gotjawalensis

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.88



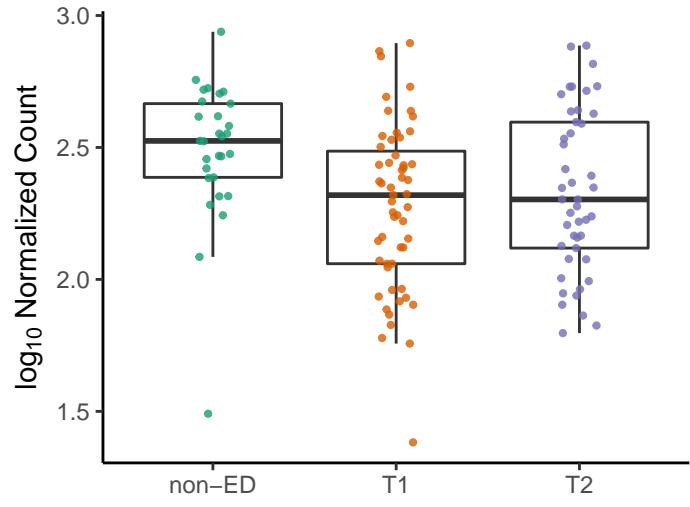
### Blastochloris tepida

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.85



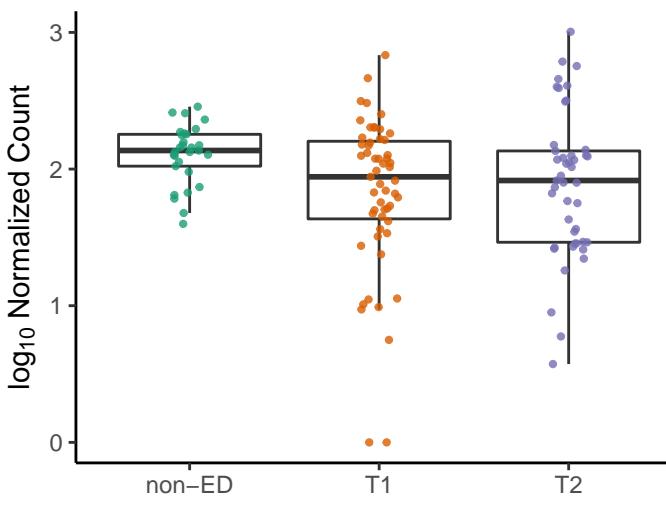
### Paenibacillus sp. BIHB4019

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.85



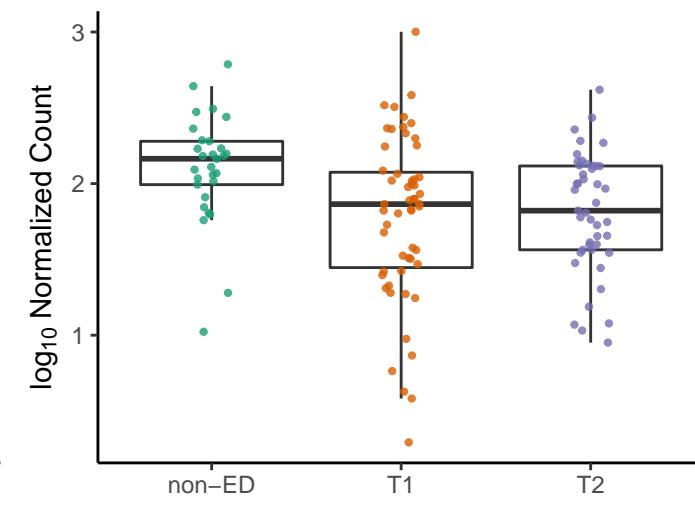
### Planctomycetes bacterium Malm25

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.87



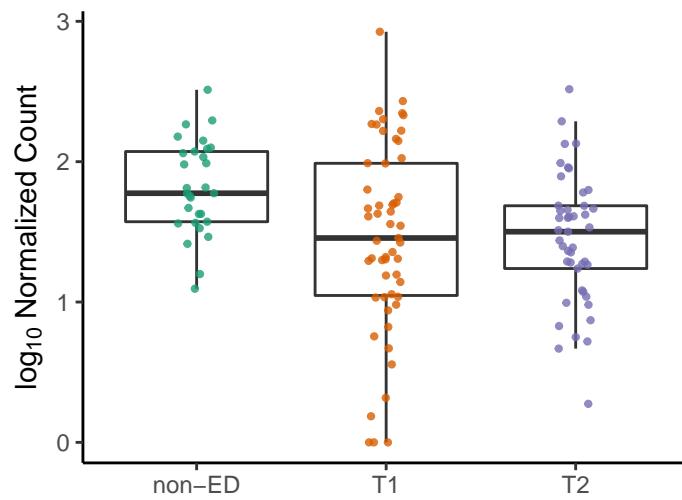
### Brevibacterium luteolum

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



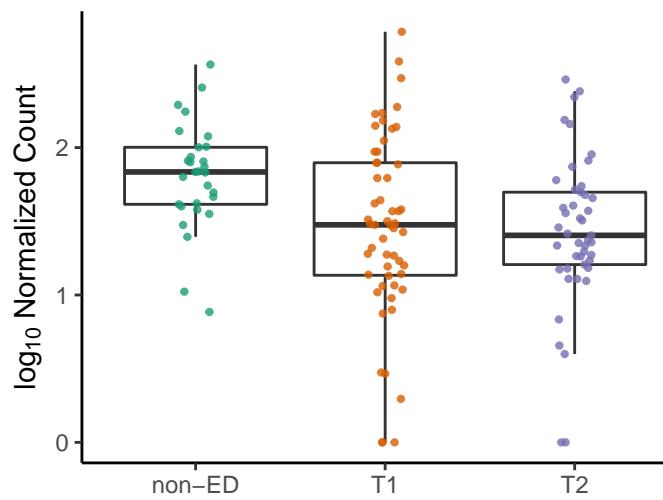
### Rhizobium sp. NXC14

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.98



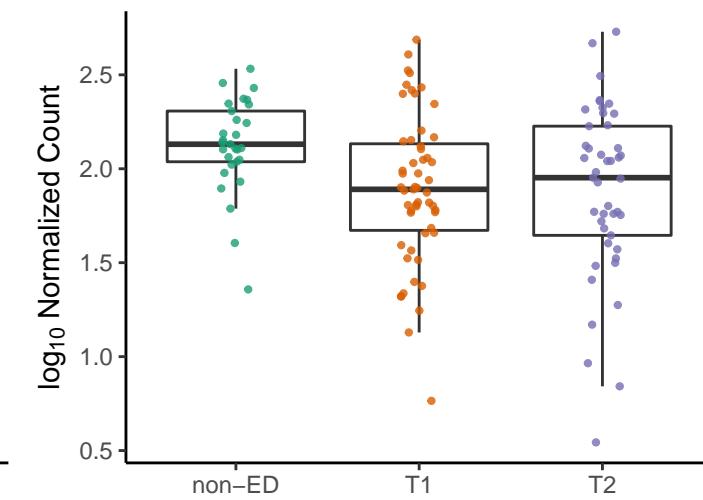
### Azospira oryzae

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 0.94



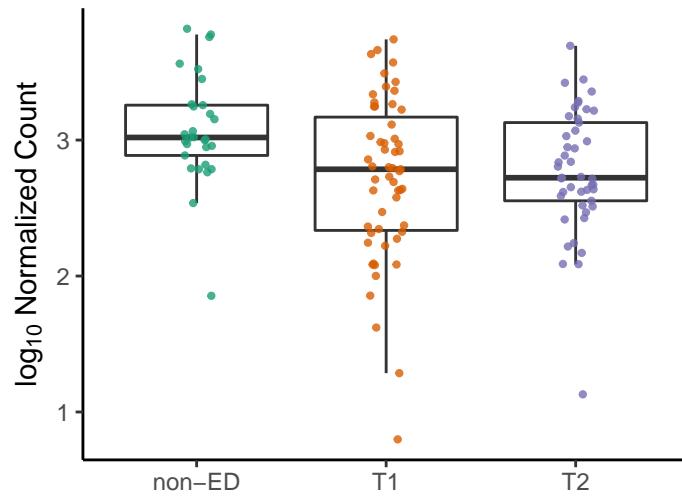
### Chlorobaculum parvum

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.99



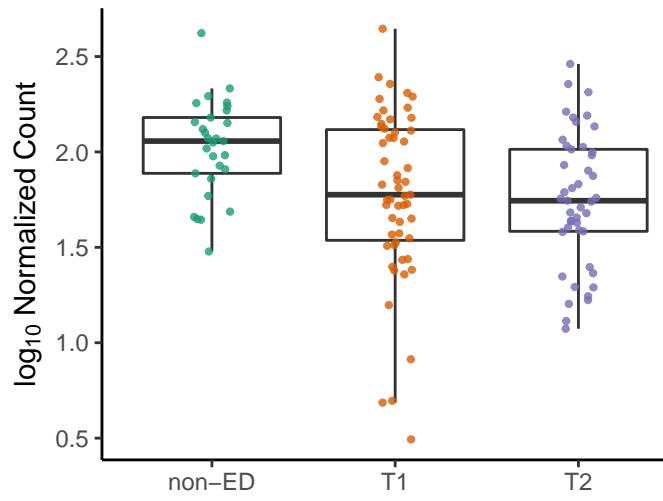
### Denitrobacterium detoxificans

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



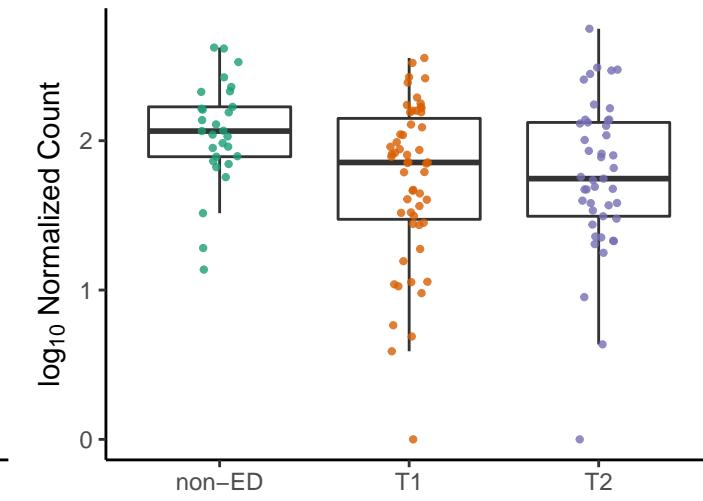
### Novibacillus thermophilus

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 1



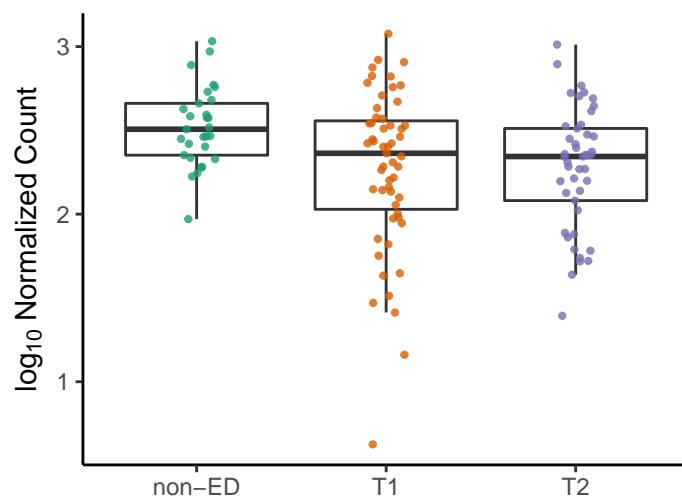
### Pandorea pulmonicola

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.87



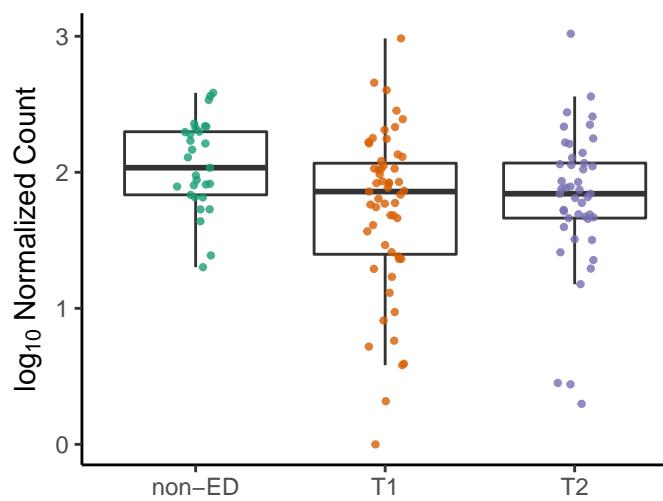
### Pelobacter propionicus

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.88



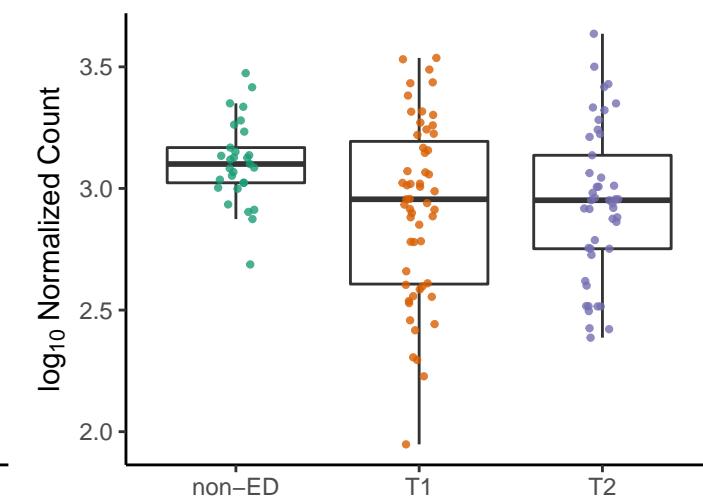
### Bosea sp. RAC05

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.85

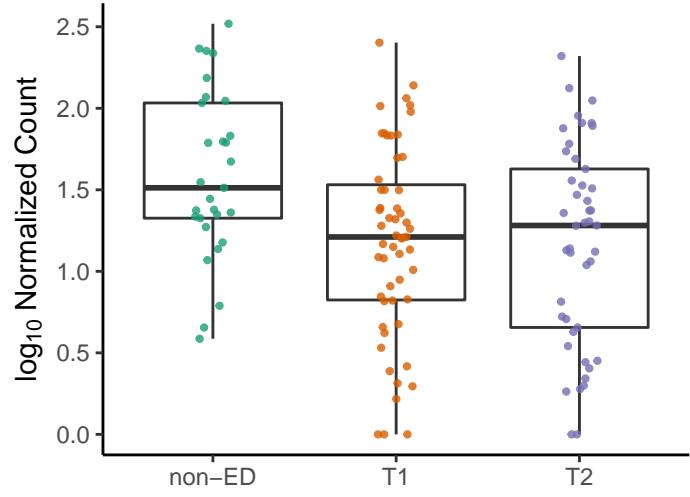


### Unclassified Planctomycetes Phylum

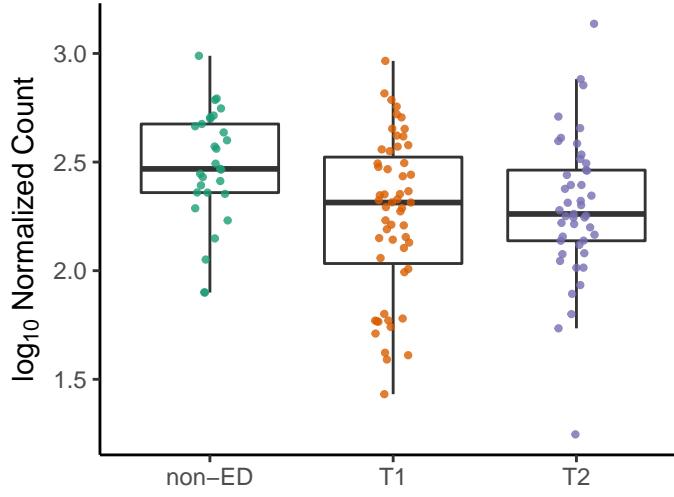
non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.86



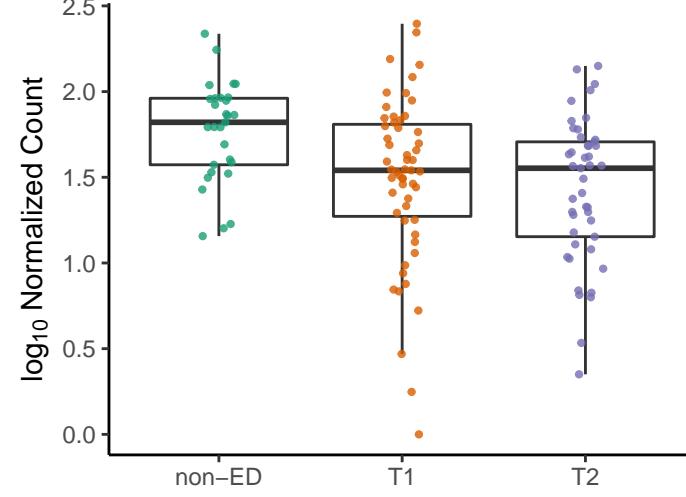
**Unclassified Promicromonosporaceae I**  
 non-ED vs. T1 adjusted p = 0.0091  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



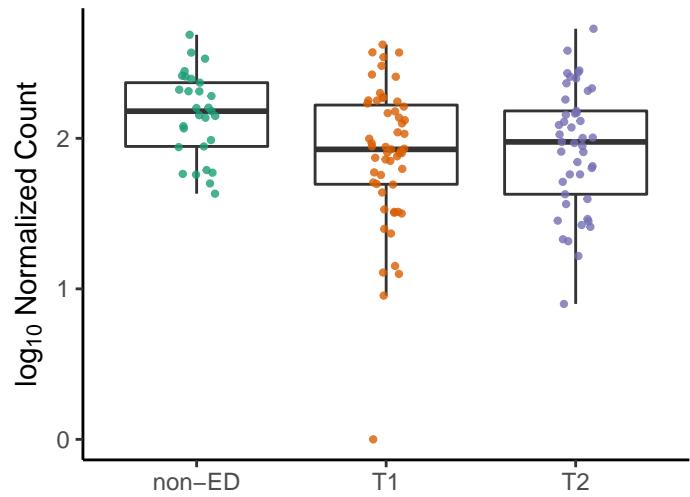
**Brevibacillus agri**  
 non-ED vs. T1 adjusted p = 0.0091  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



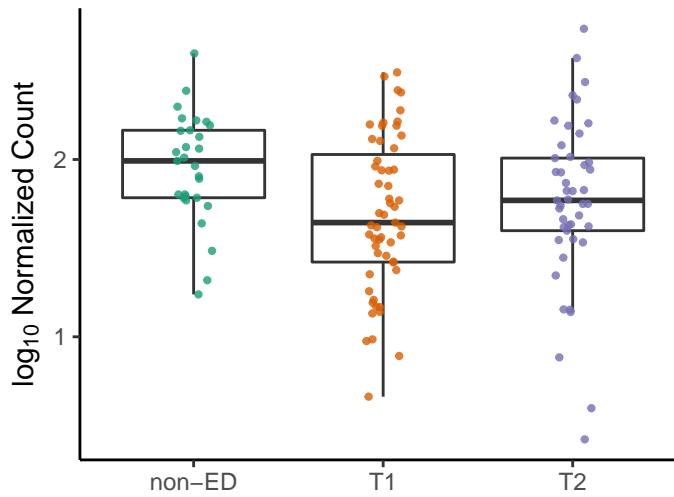
**Pseudomonas moraviensis**  
 non-ED vs. T1 adjusted p = 0.0091  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.89



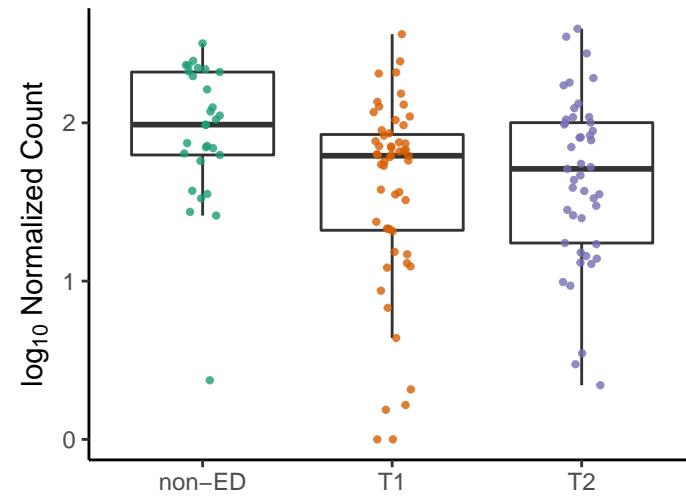
**Azospirillum sp. TSH100**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.88



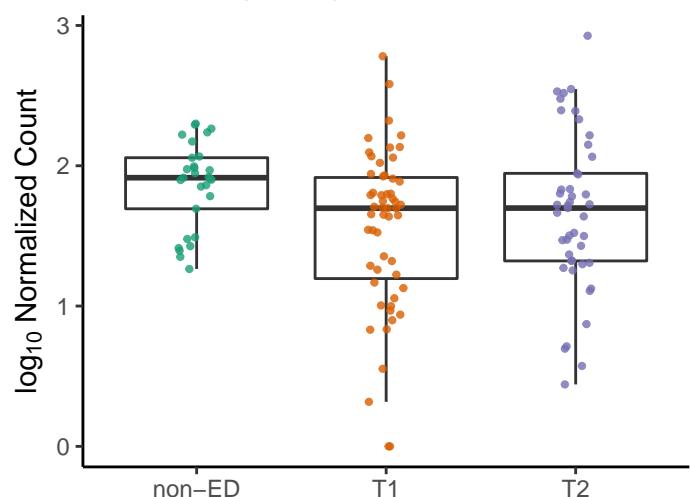
**Herbaspirillum sp. meg3**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.85



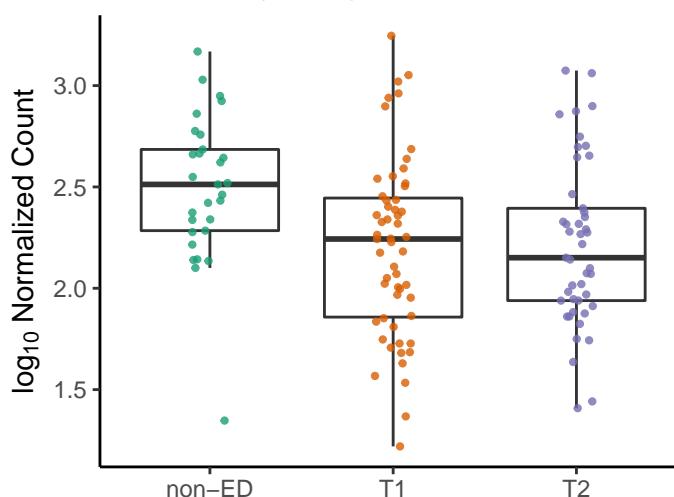
**Herminiimonas arsenicoxydans**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



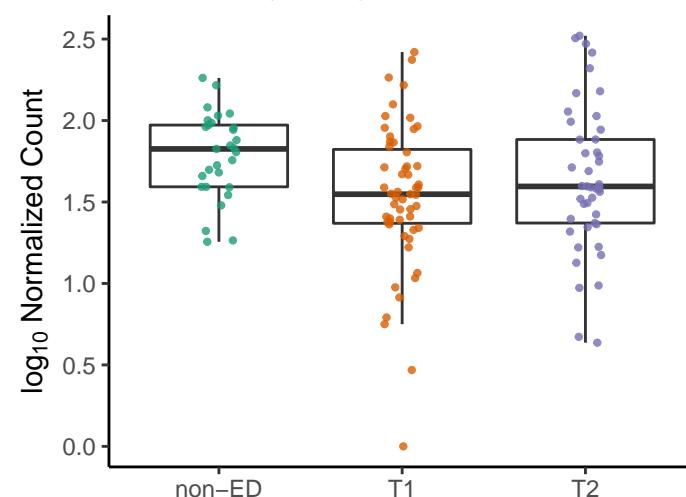
**Sphingobium sp. RAC03**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



**Unclassified Mycoplasma Genus**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.98

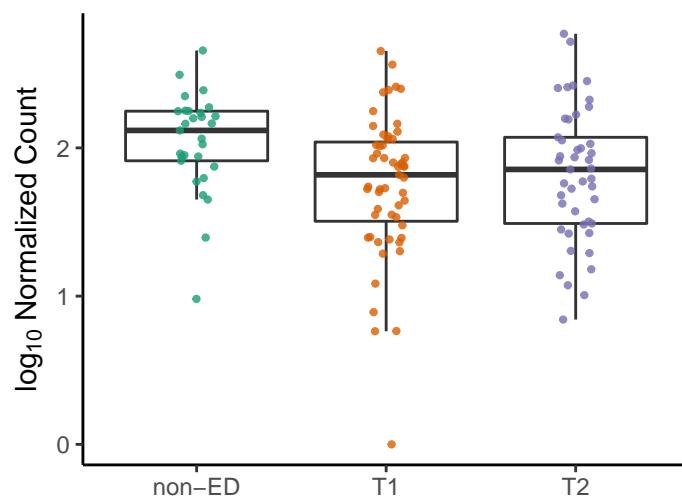


**Unclassified Desulfobacterium Genus**  
 non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



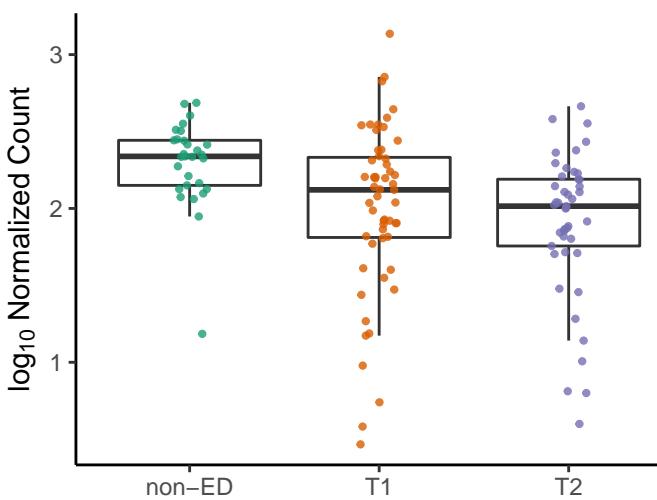
### *Allochromatium vinosum*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



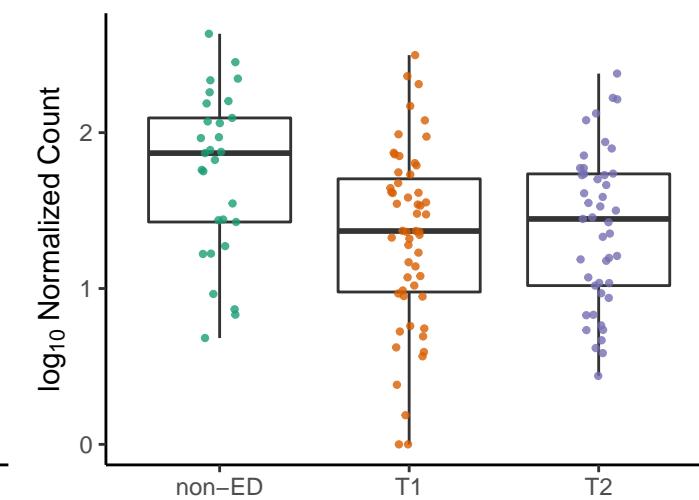
### *Ferrovibrio terrae*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.94



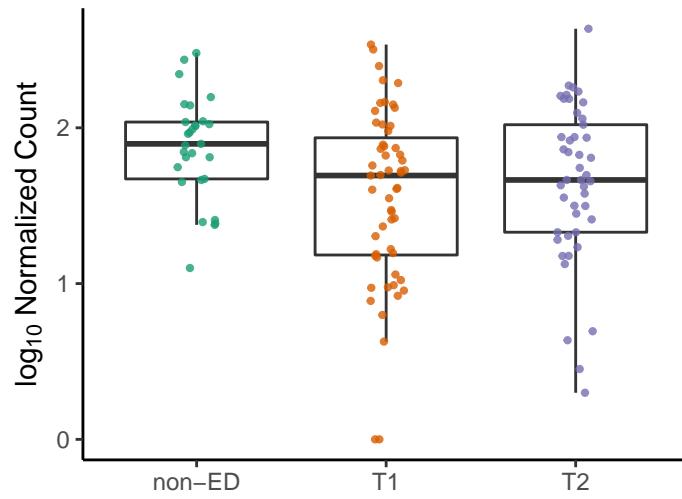
### *Microbacterium* sp. PAMC 28756

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



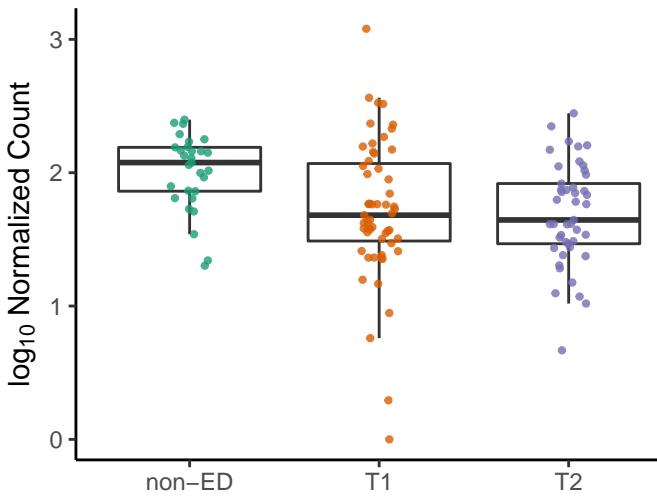
### *Salinibacterium* sp. CGMCC 1.16371

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.85



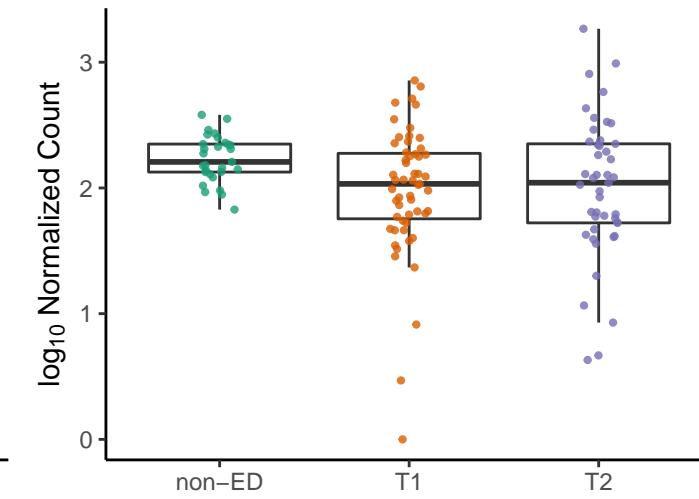
### *Halomonas* sp. NBT06E8

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.0033  
 T1 vs. T2 adjusted p = 0.99



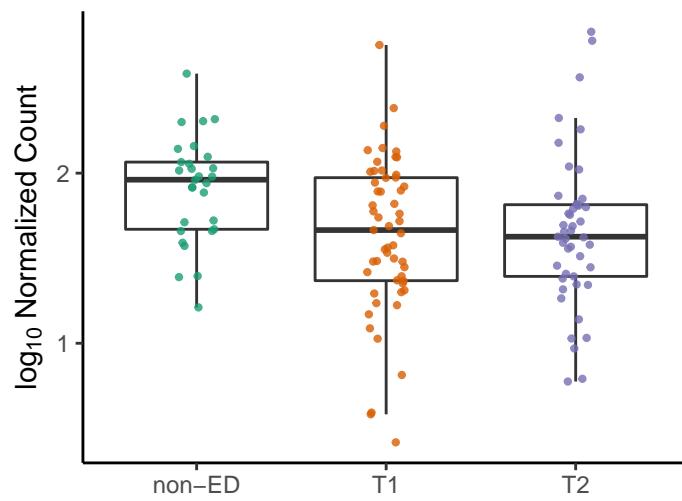
### *Mesorhizobium* sp. 8

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.86



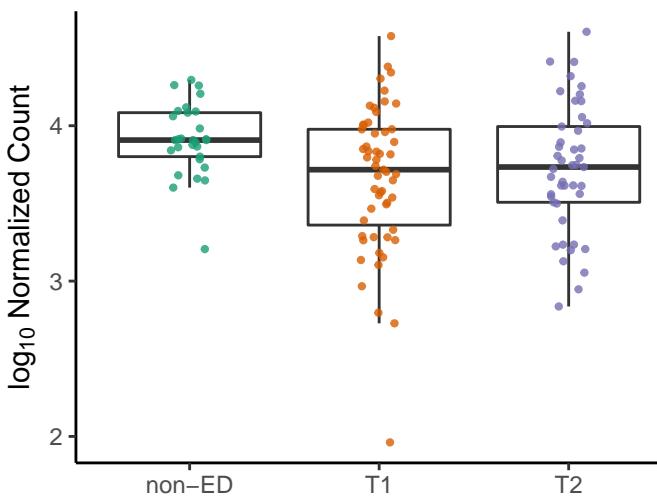
### *Neisseria meningitidis*

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.91



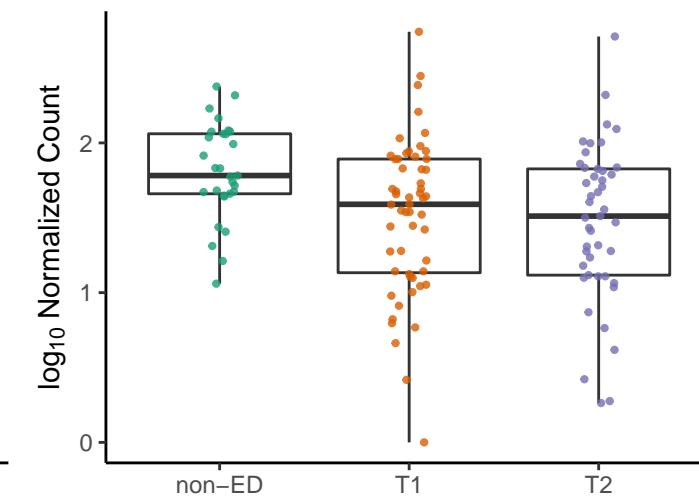
### Unclassified Streptomyces Genus

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



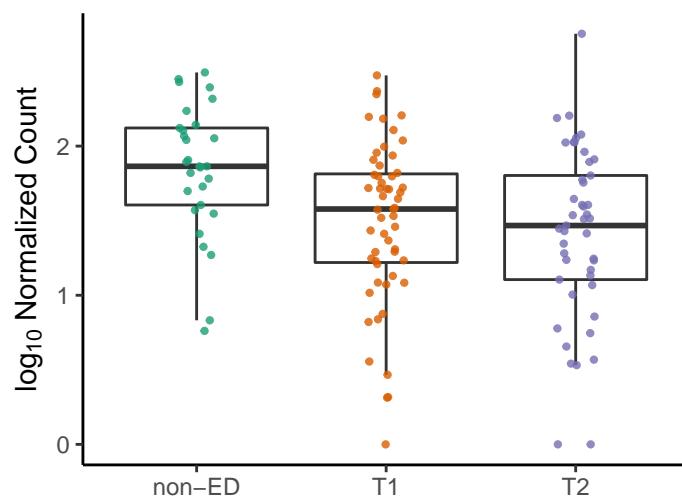
### *Erythrobacter* sp. KY5

non-ED vs. T1 adjusted p = 0.0092  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.92



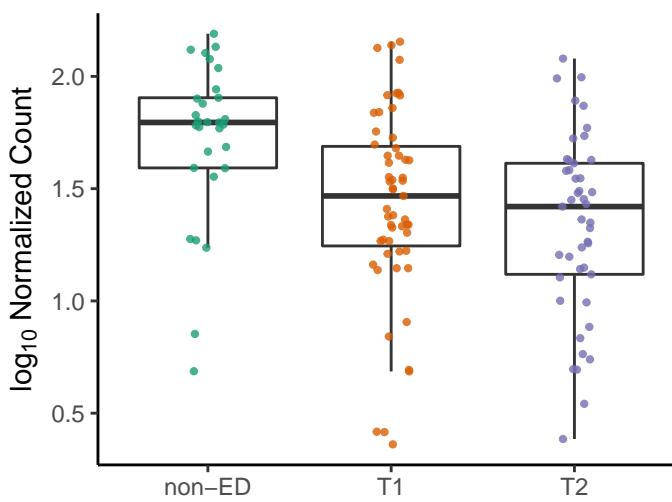
### Unclassified Gluconobacter Genus

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.98



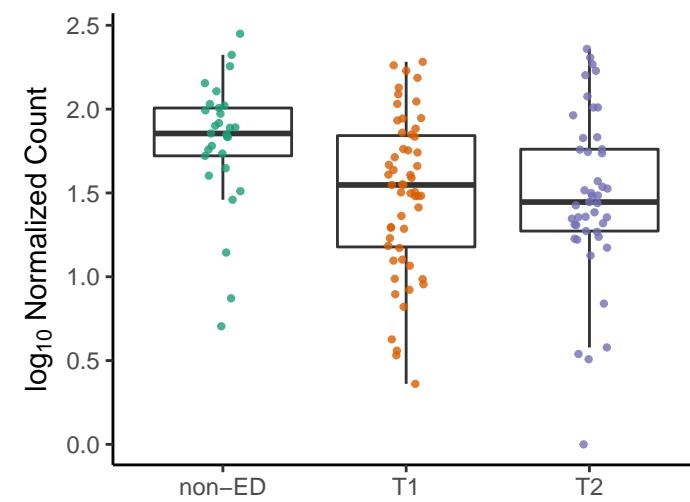
### *Kangiella profundi*

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.85



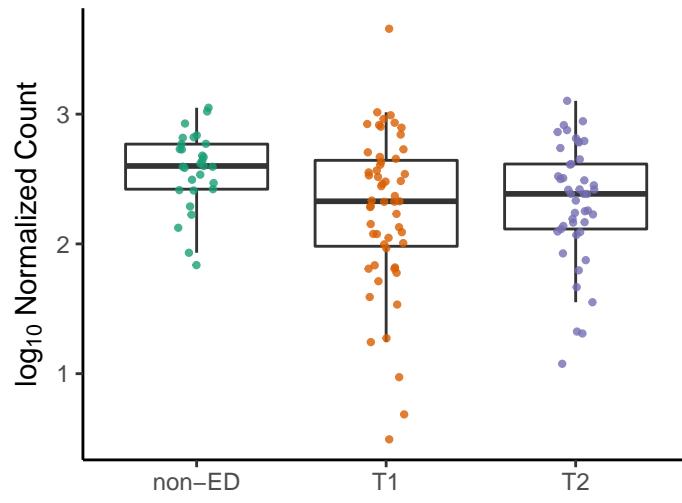
### *Staphylococcus arlettae*

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 1



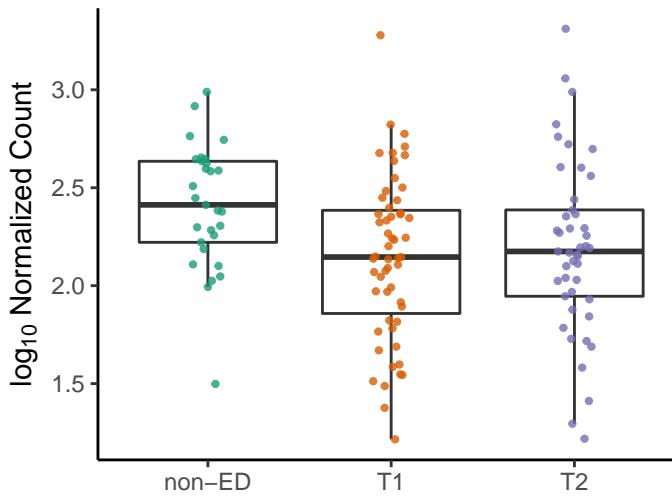
### *Streptomyces tsukubensis*

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.85



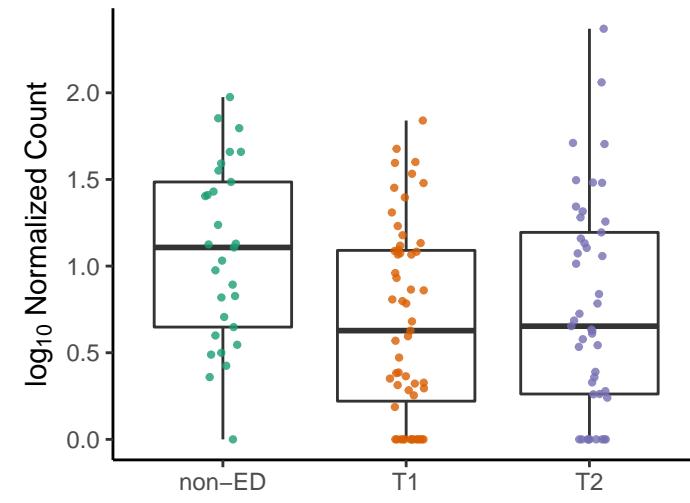
### *Komagataeibacter xylinus*

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



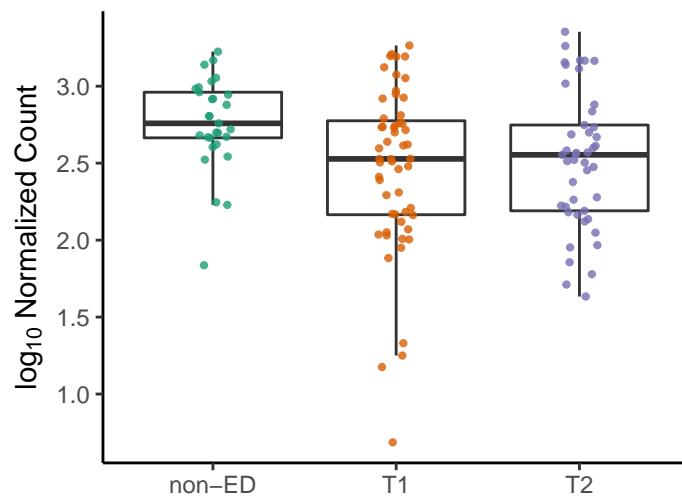
### *Streptomyces* sp. FR-008

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.85



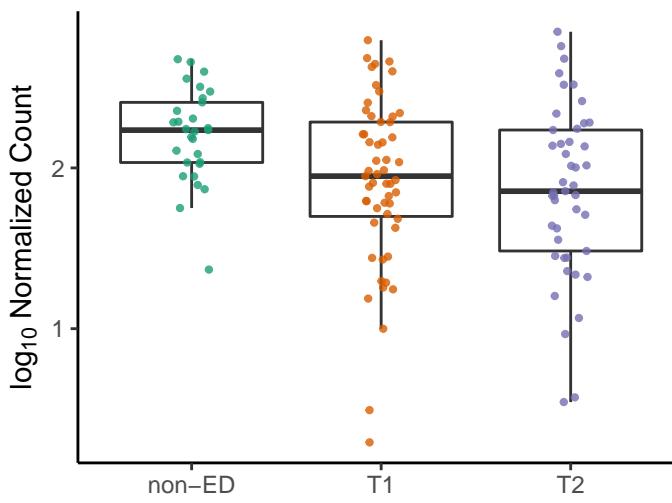
### Unclassified Deinococcus Genus

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85



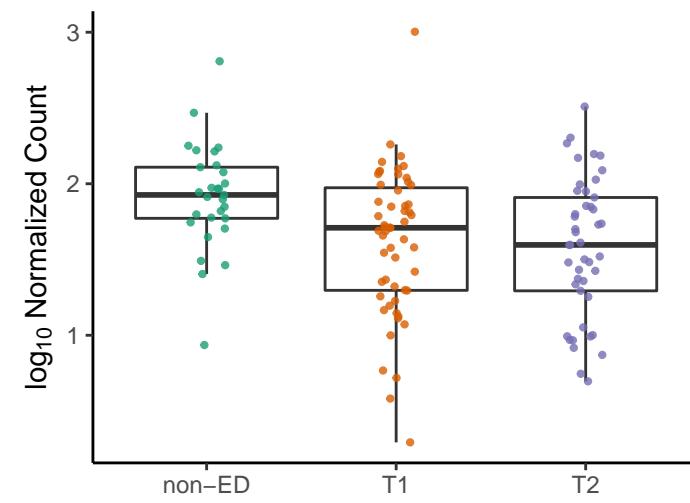
### *Planctomycetes bacterium Pla163*

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.0067  
T1 vs. T2 adjusted p = 0.91



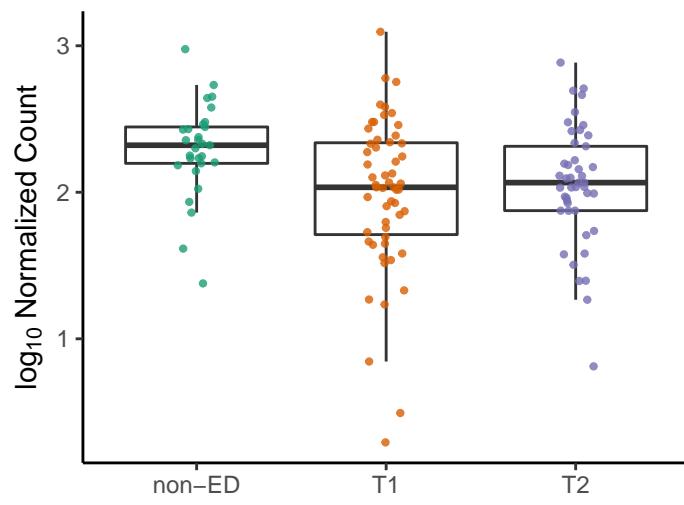
### *Mycobacterium cookii*

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 1



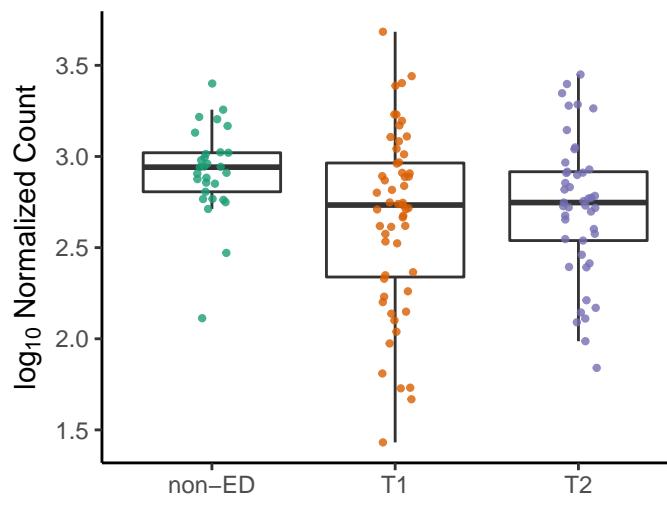
### Rhodoferax koreense

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.85



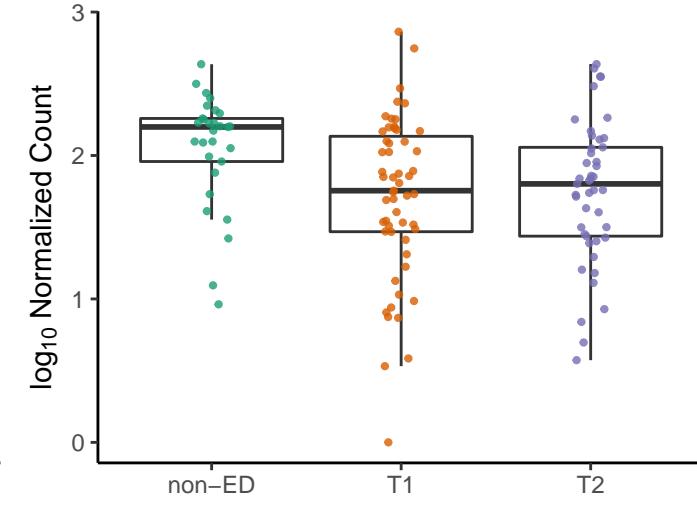
### Unclassified Comamonadaceae Family

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



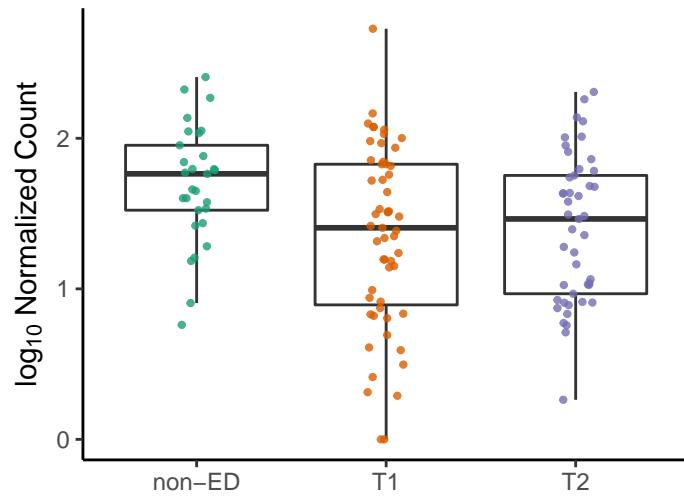
### Mycolicibacterium parafortuitum

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



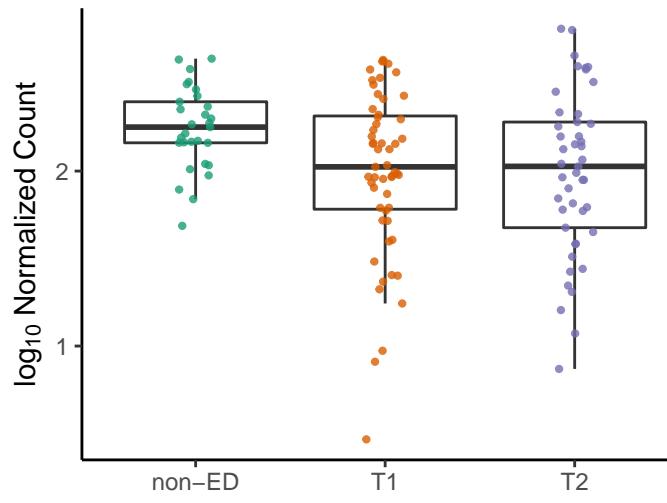
### Natrinema sp. J7-2

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



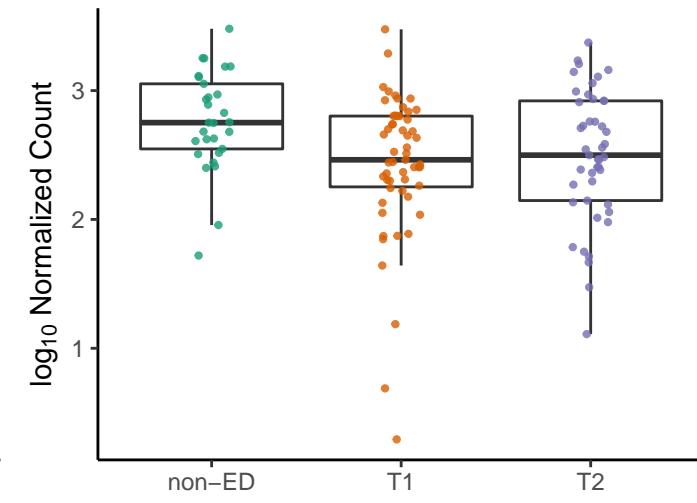
### Sulfurivermis fontis

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.93



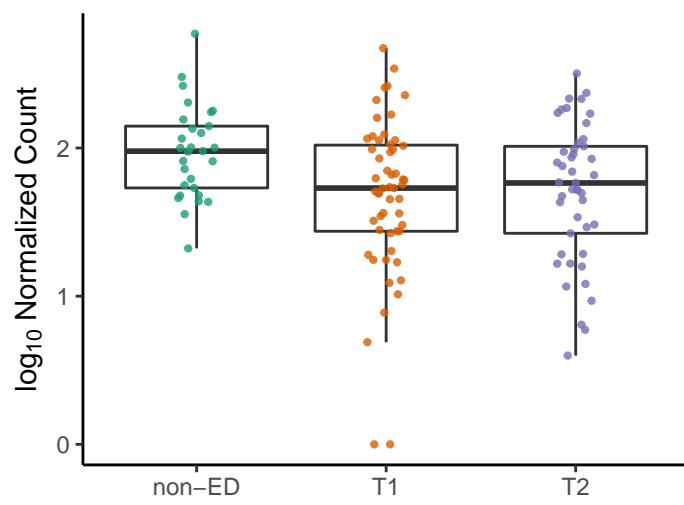
### Bifidobacterium pseudolongum

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



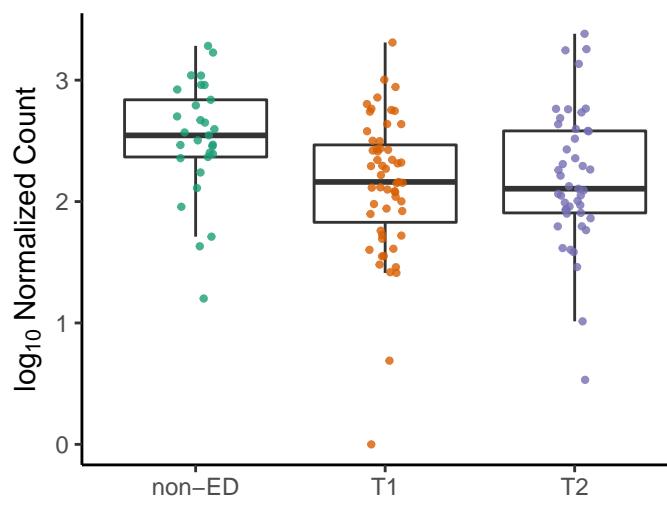
### Sphingobium sp. CAP-1

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



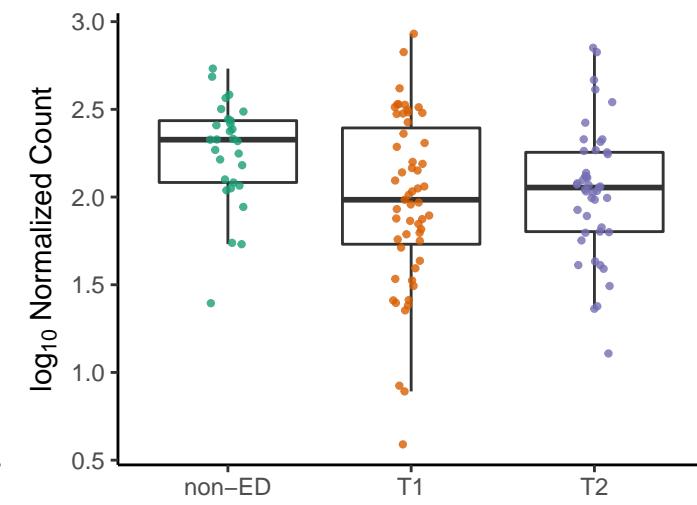
### Streptococcus canis

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.97



### Unclassified Pseudarthrobacter Genus

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85

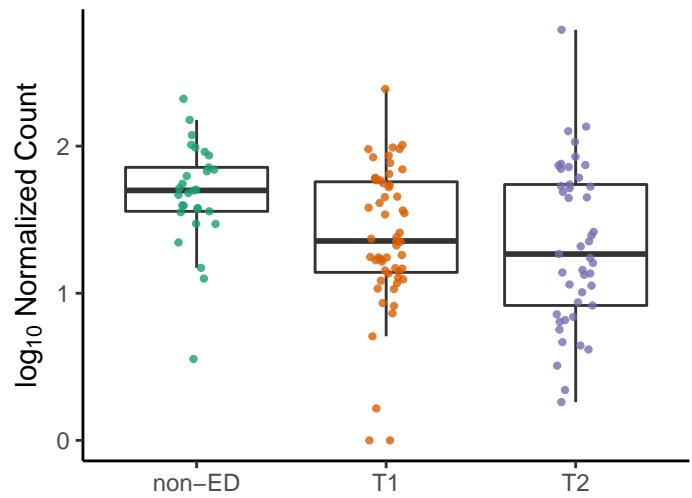


### *Clostridium ljungdahlii*

non-ED vs. T1 adjusted p = 0.0094

non-ED vs. T2 adjusted p = 0.01

T1 vs. T2 adjusted p = 1

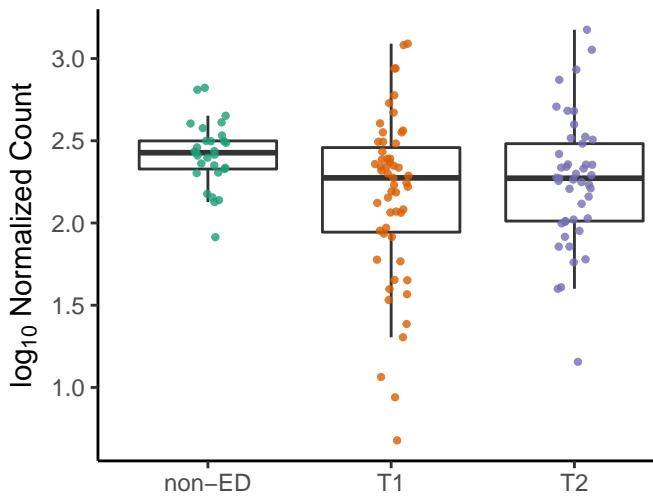


### *Desulfosarcina alkanivorans*

non-ED vs. T1 adjusted p = 0.0094

non-ED vs. T2 adjusted p = 0.052

T1 vs. T2 adjusted p = 0.85

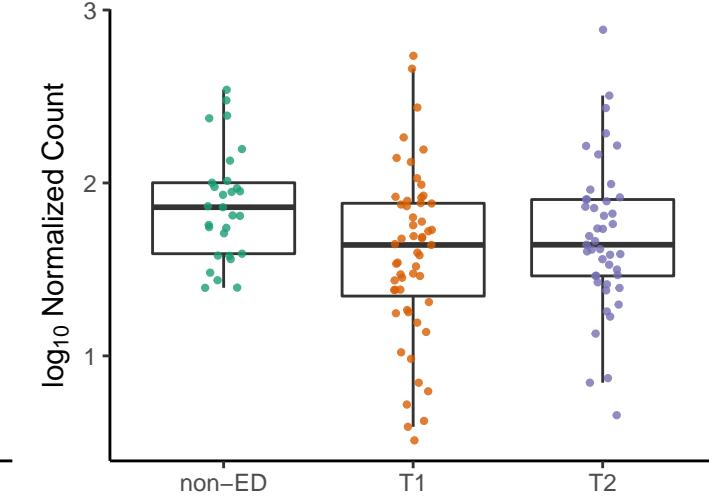


### *Mycobacteroides salmoniphilum*

non-ED vs. T1 adjusted p = 0.0094

non-ED vs. T2 adjusted p = 0.067

T1 vs. T2 adjusted p = 0.85

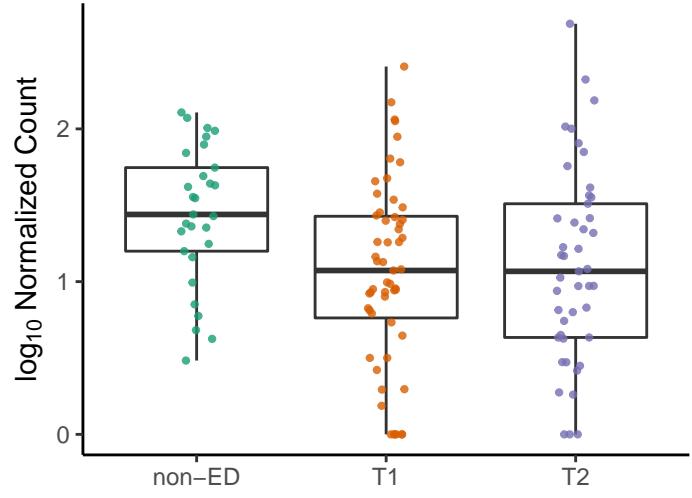


### *Mycoplasma agalactiae*

non-ED vs. T1 adjusted p = 0.0094

non-ED vs. T2 adjusted p = 0.032

T1 vs. T2 adjusted p = 0.98

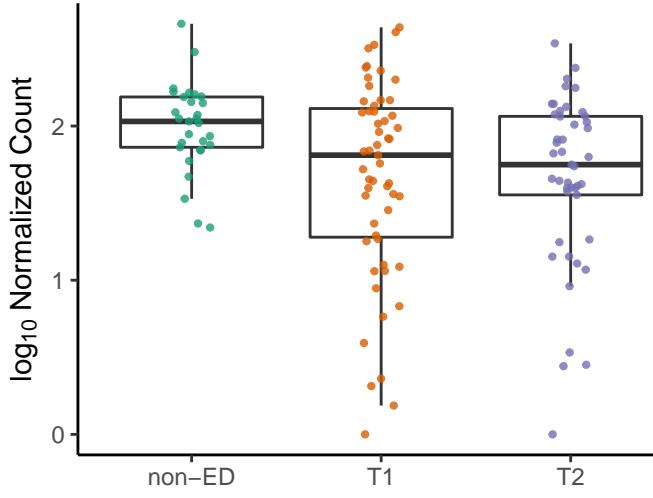


### *Rhodothermaceae bacterium*

non-ED vs. T1 adjusted p = 0.0094

non-ED vs. T2 adjusted p = 0.0095

T1 vs. T2 adjusted p = 0.91

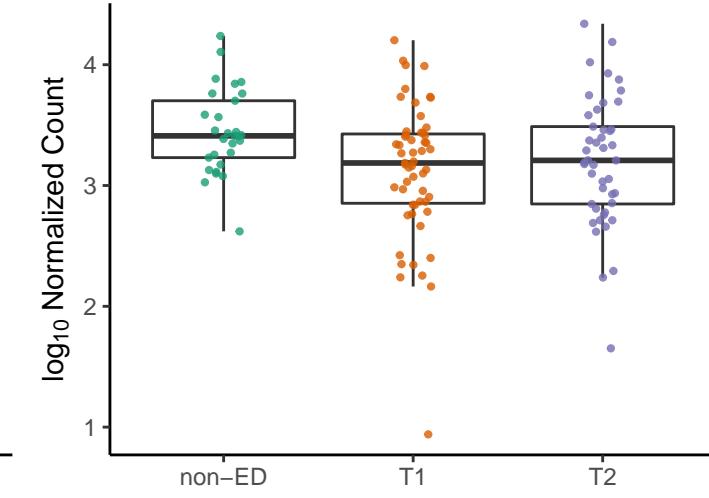


### *Eggerthella sp. YY7918*

non-ED vs. T1 adjusted p = 0.0095

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.86

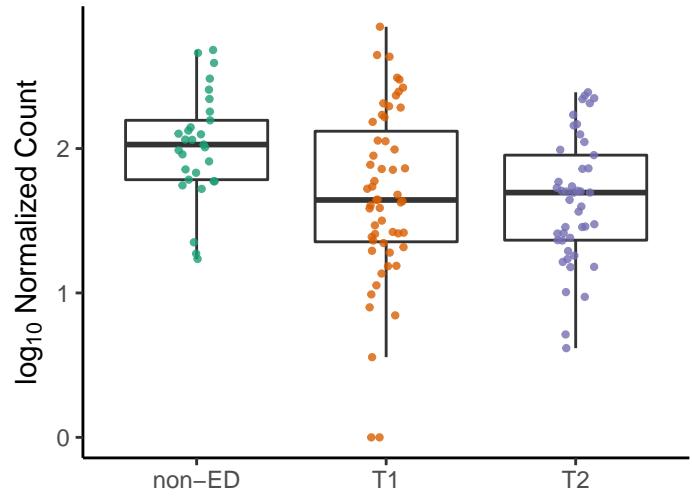


### *Pistricoccus aurantiacus*

non-ED vs. T1 adjusted p = 0.0095

non-ED vs. T2 adjusted p = 0.0039

T1 vs. T2 adjusted p = 0.99

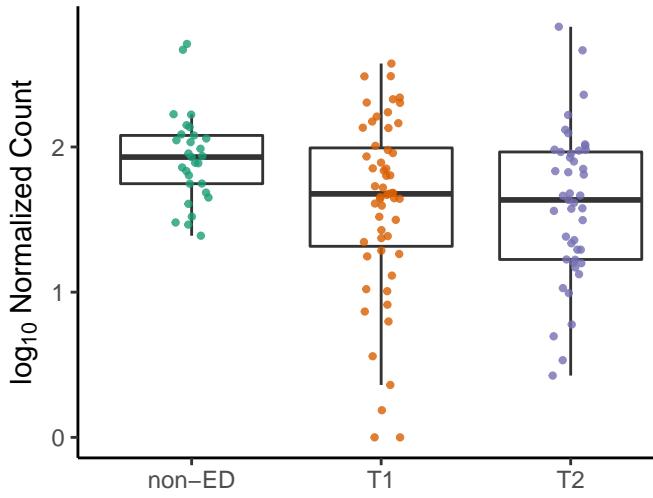


### *Xanthomonas albilineans*

non-ED vs. T1 adjusted p = 0.0095

non-ED vs. T2 adjusted p = 0.0097

T1 vs. T2 adjusted p = 0.92

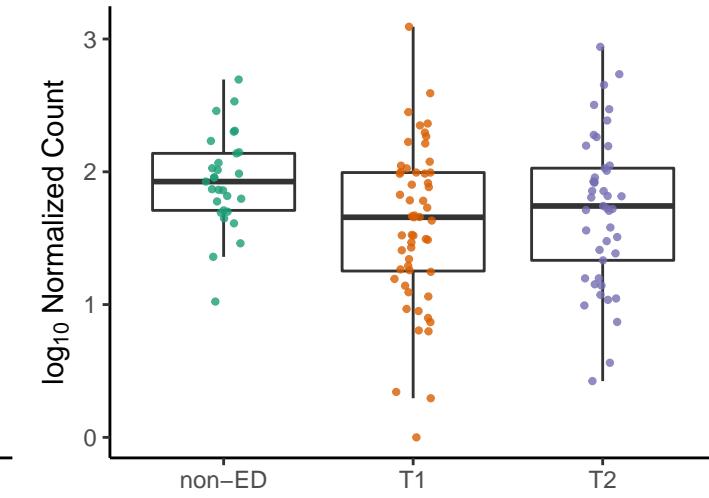


### *Cellulomonas sp. PSBB021*

non-ED vs. T1 adjusted p = 0.0095

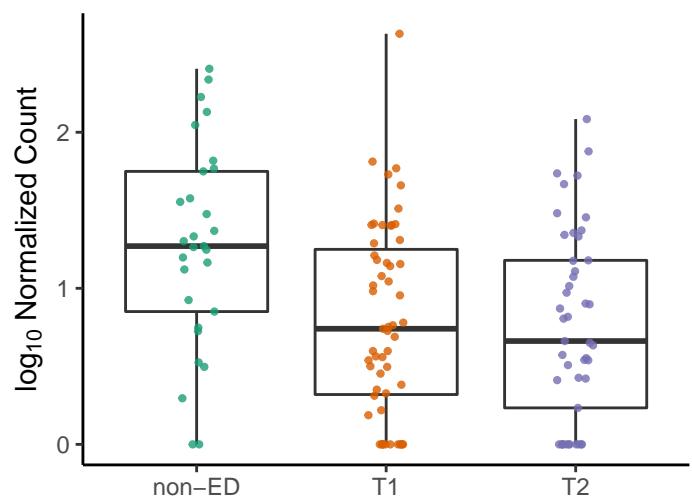
non-ED vs. T2 adjusted p = 0.083

T1 vs. T2 adjusted p = 0.85



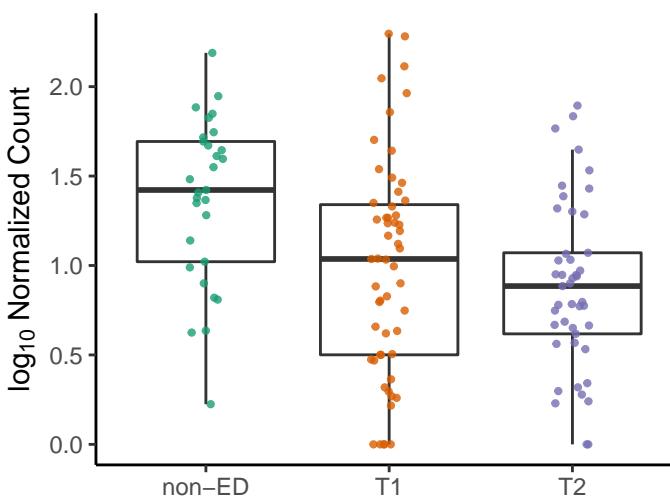
### *Microbacterium paludicola*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.97



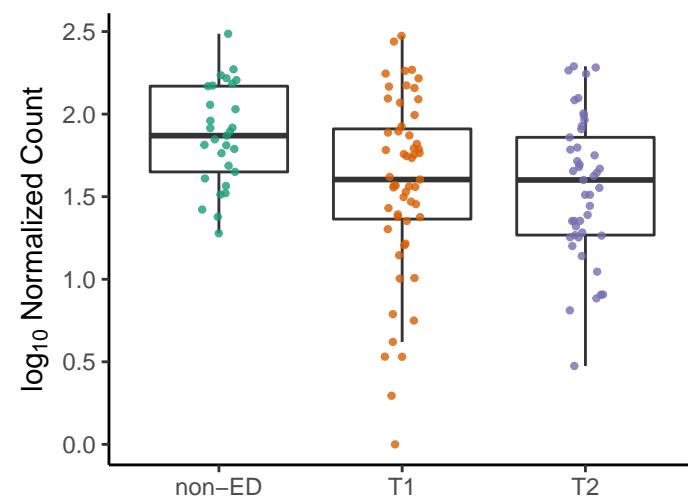
### *Spiroplasma apis*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.0024  
 T1 vs. T2 adjusted p = 0.86



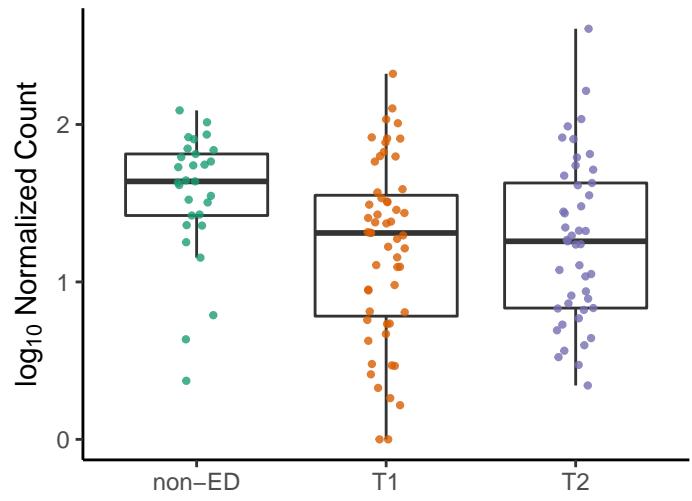
### *Nocardioides sp. HY056*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.98



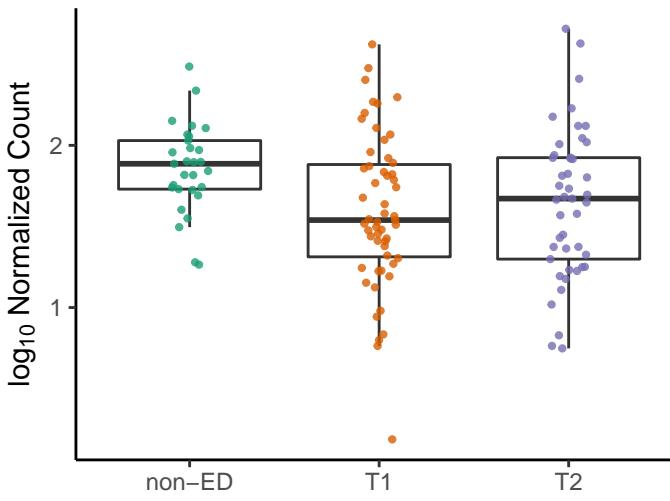
### *Acinetobacter defluvii*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.97



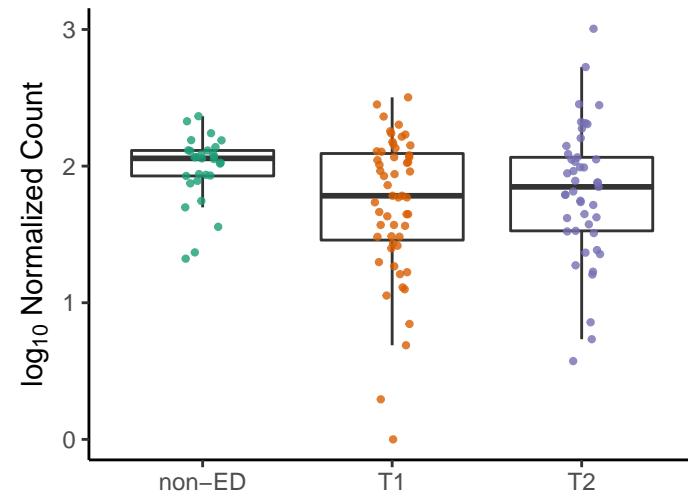
### *Ketobacter alkanivorans*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.94



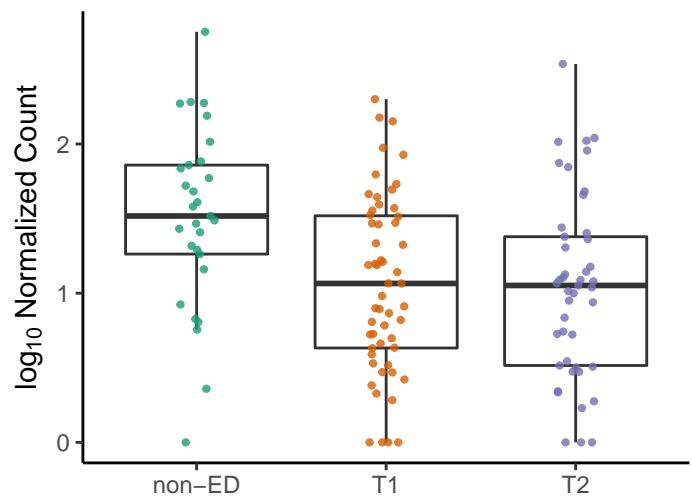
### *Sterolibacteriaceae bacterium M52*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



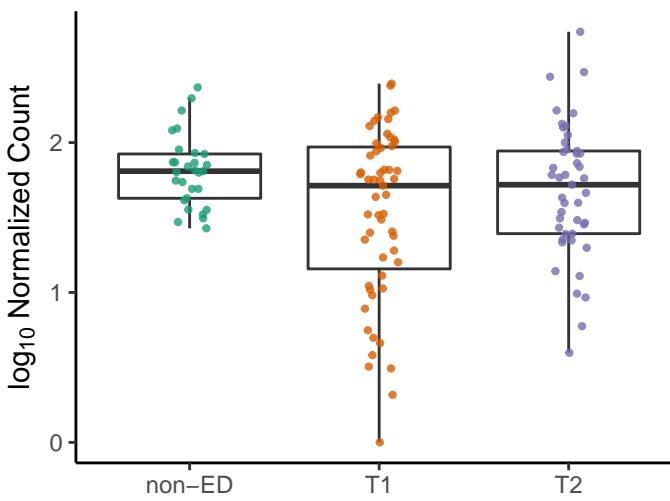
### Unclassified Ferroplasma Genus

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.91



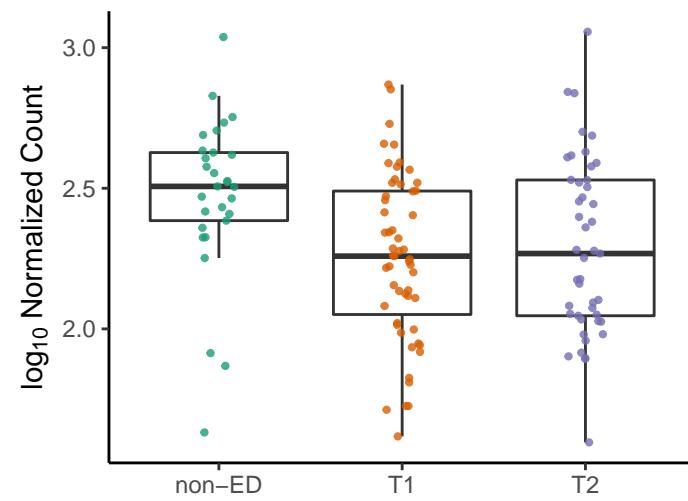
### *Trueperella bialowiezensis*

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



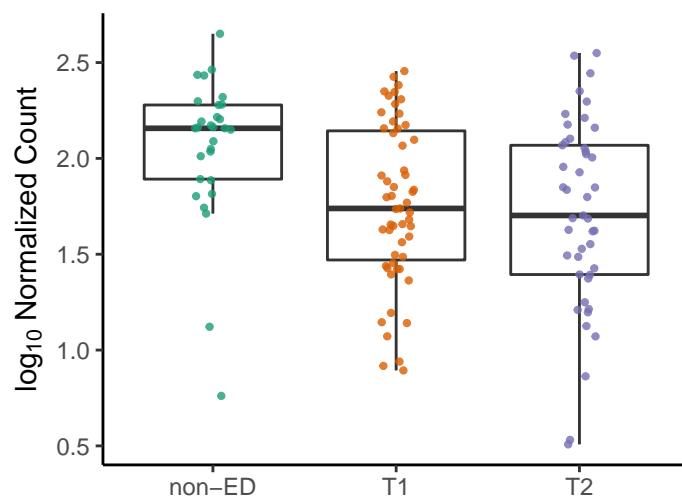
### Unclassified Pseudoalteromonas Genus

non-ED vs. T1 adjusted p = 0.0095  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.87



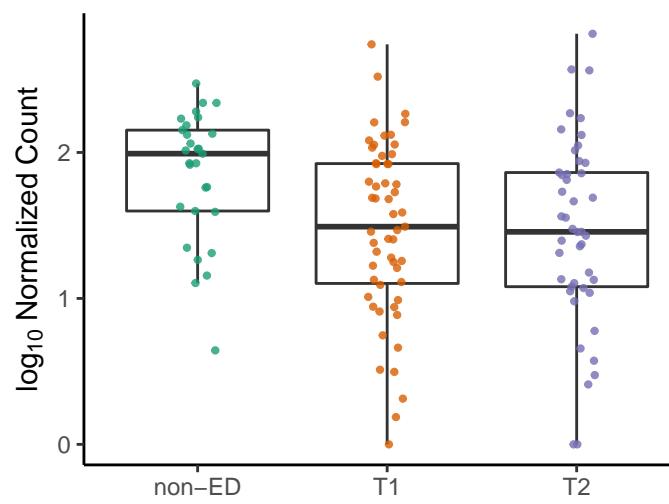
### Unclassified Wolbachia Genus

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.86



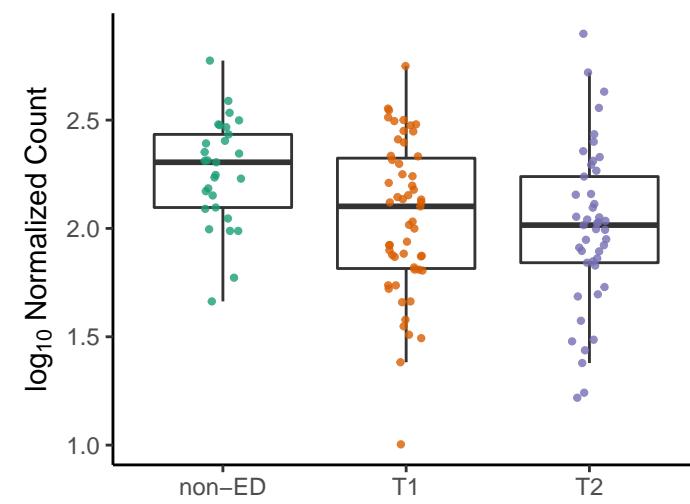
### Streptomyces sp. MOE7

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.94



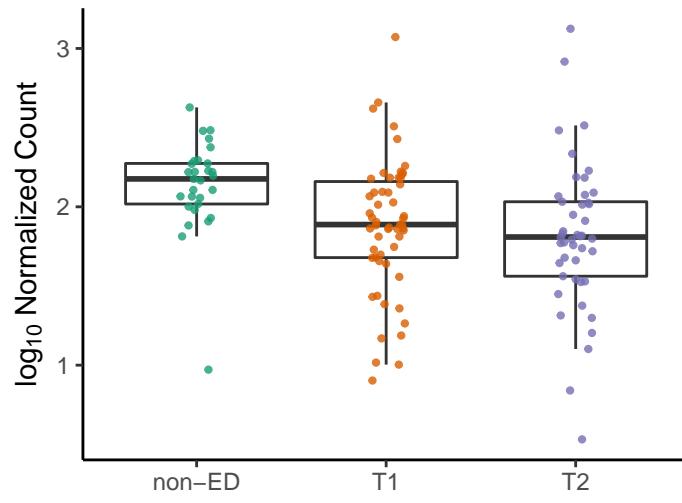
### Vibrio parahaemolyticus

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.86



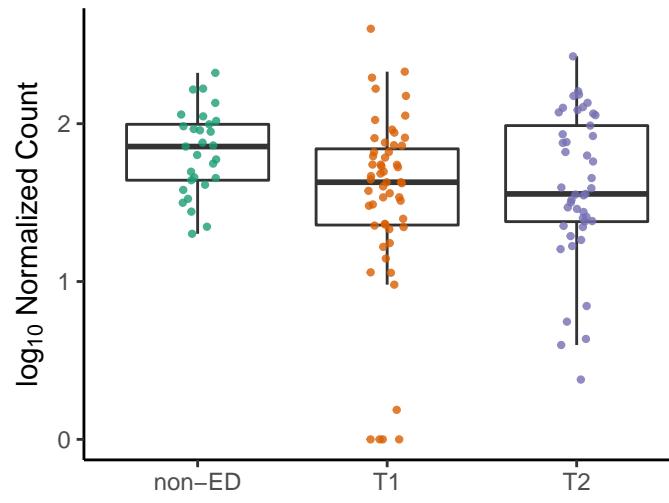
### Bacillus sp. N1–1

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.87



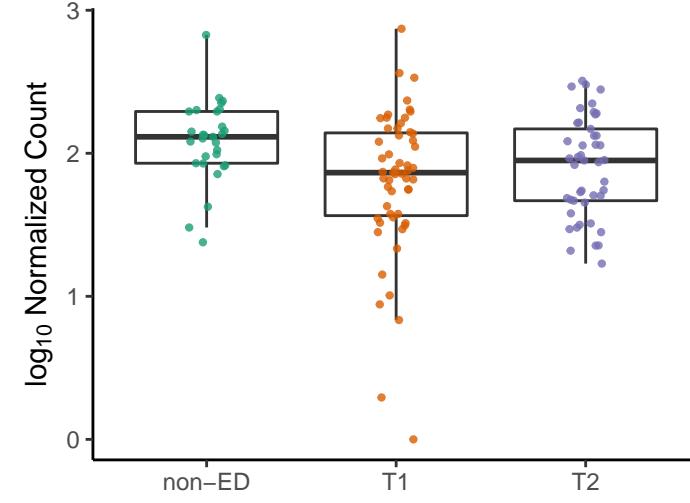
### Bacterioplanes sanyensis

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.85



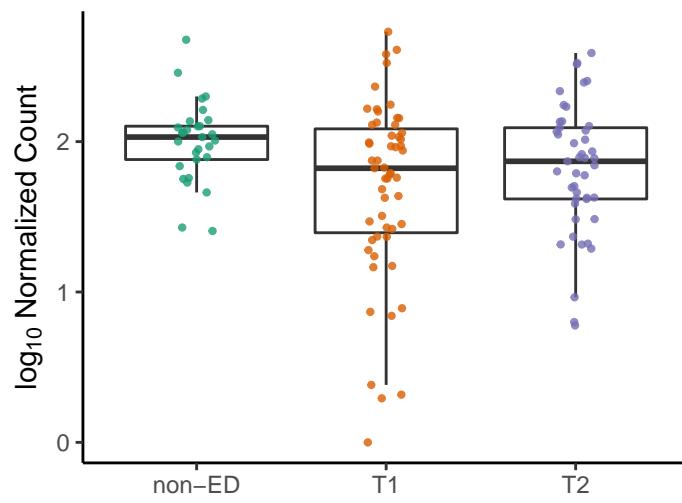
### Denitratisoma sp. DHT3

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



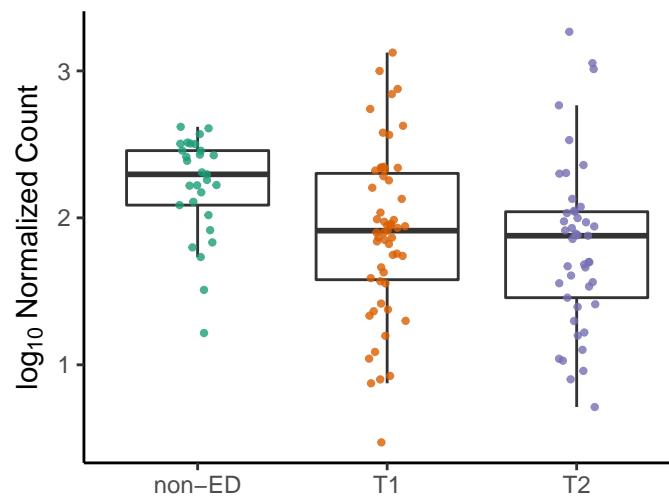
### Variovorax boronicumulans

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.85



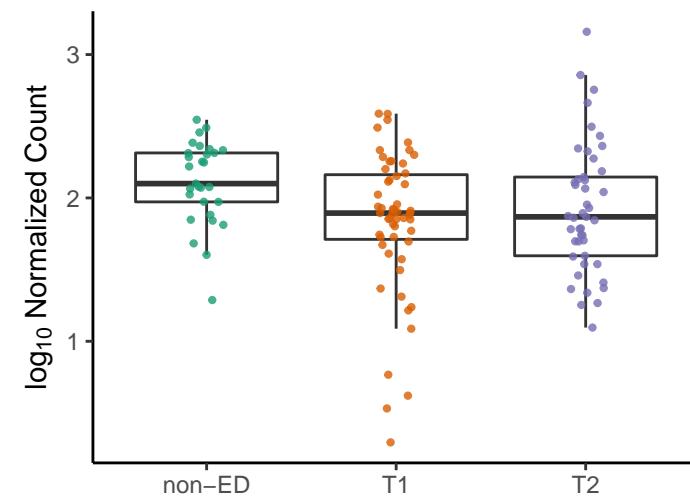
### Glaciecola sp. THG-3.7

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.85



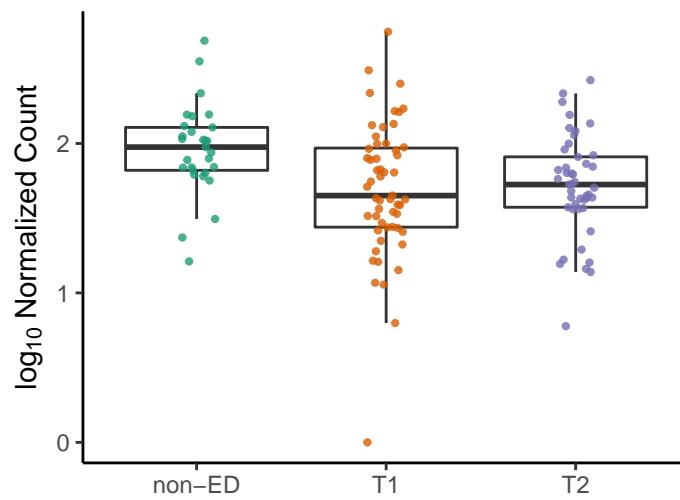
### Chlorobaculum limnaeum

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.85



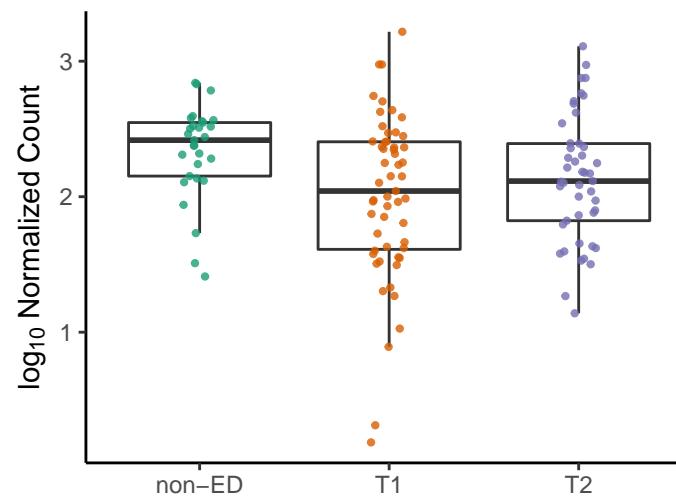
### Rhizobium tropici

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.87



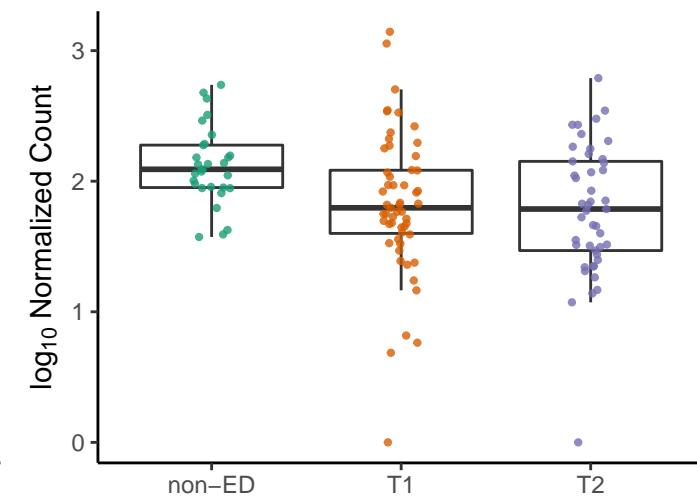
### Thermomonospora curvata

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.85



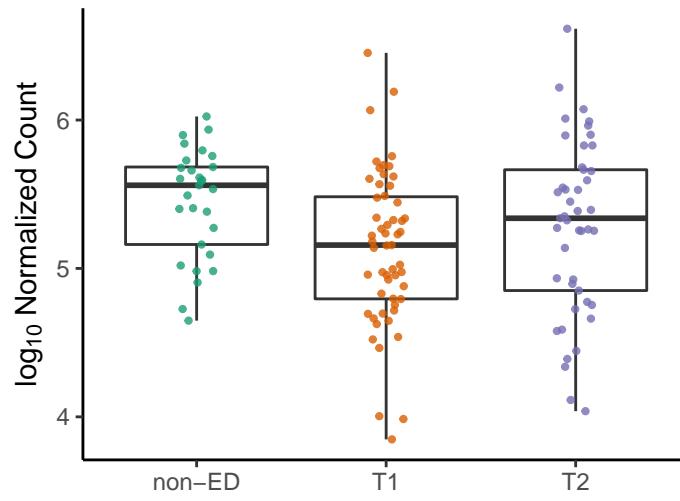
### Fuerstia marisgermaniae

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 1



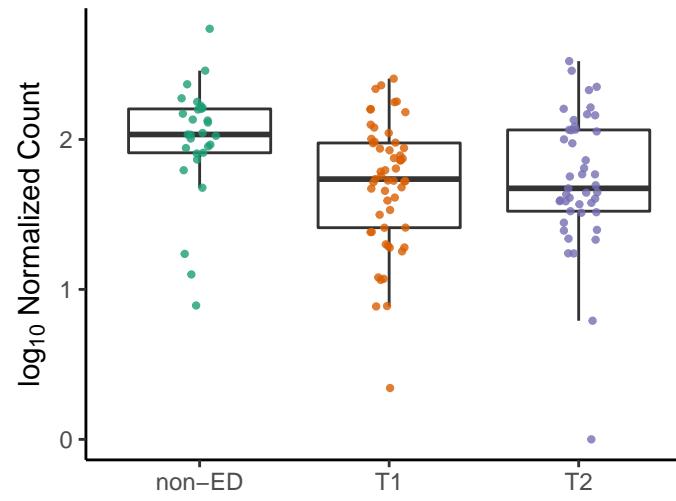
### Blautia sp. SC05B48

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



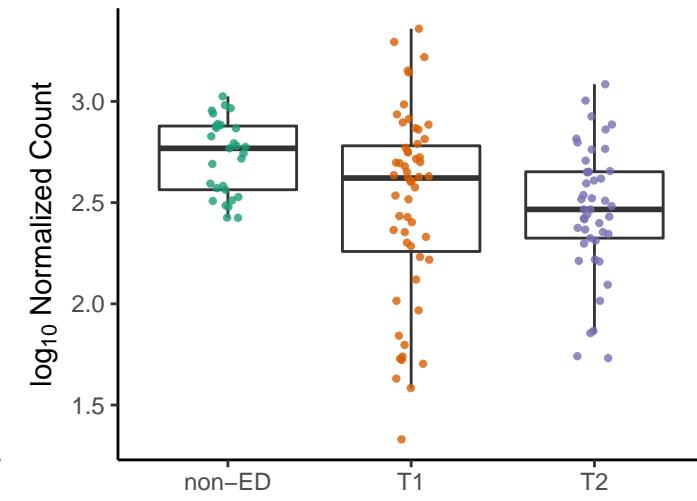
### Sporosarcina pasteurii

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.95



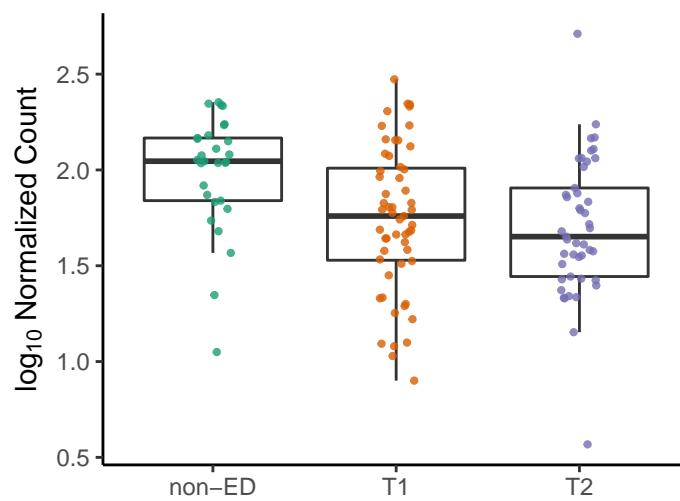
### Unclassified Hymenobacter Genus

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.0022  
T1 vs. T2 adjusted p = 0.91



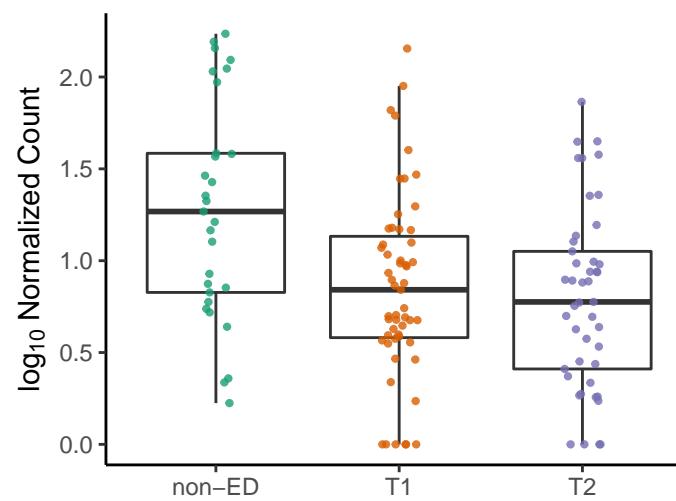
### Hydrogenovibrio crunogenus

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.87



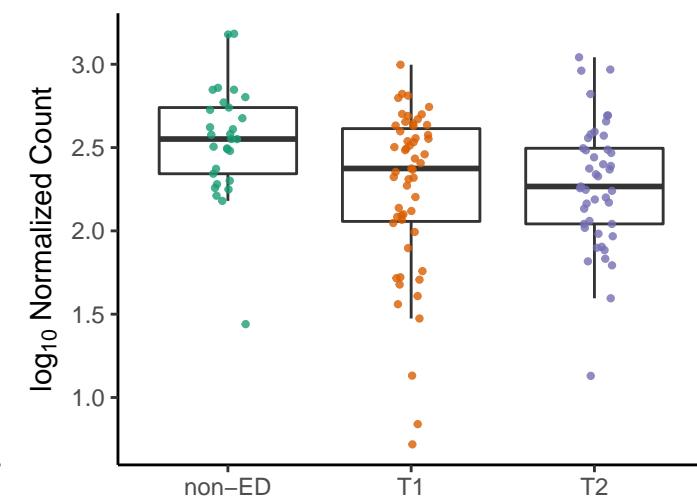
### Unclassified Pelosinus Genus

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.95



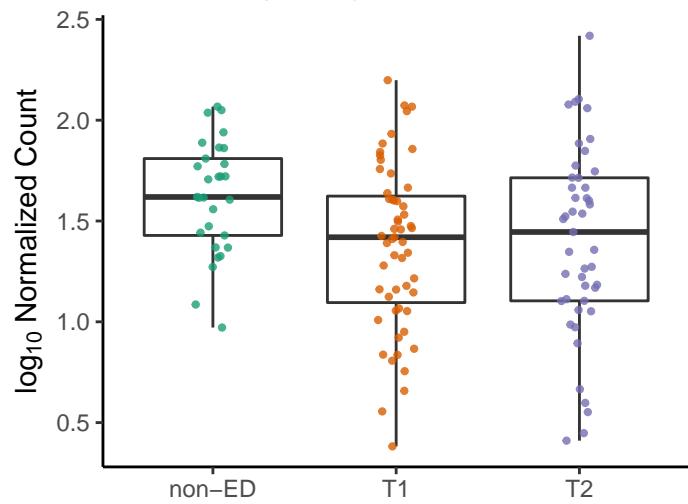
### Unclassified Agrobacterium Genus

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



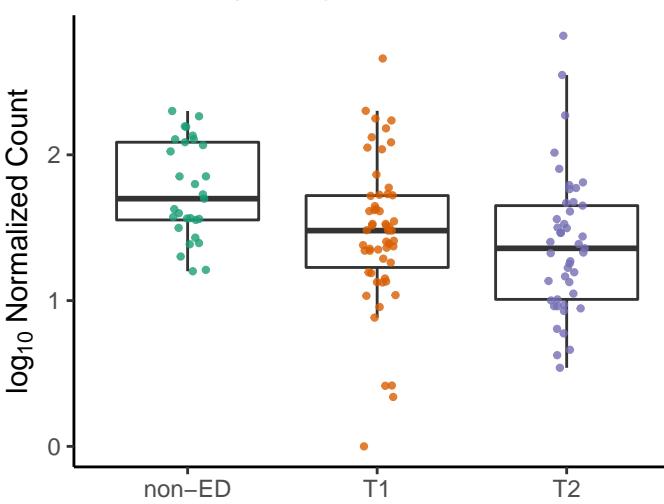
### Unclassified Pseudothermotoga Genus

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.99



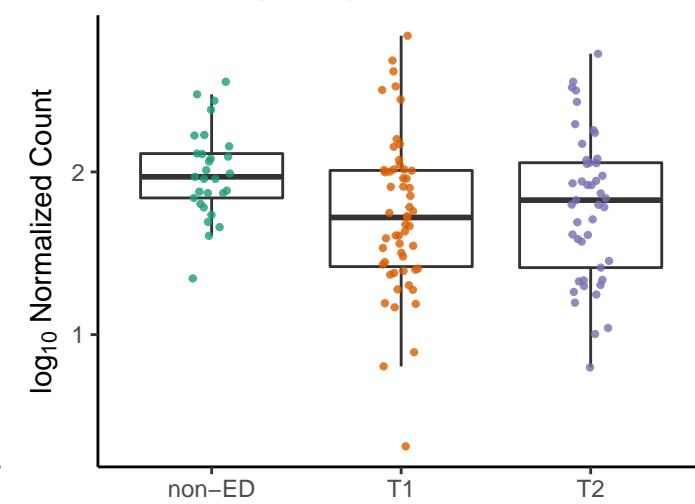
### Marinomonas sp. MWYL1

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.0038  
T1 vs. T2 adjusted p = 0.87



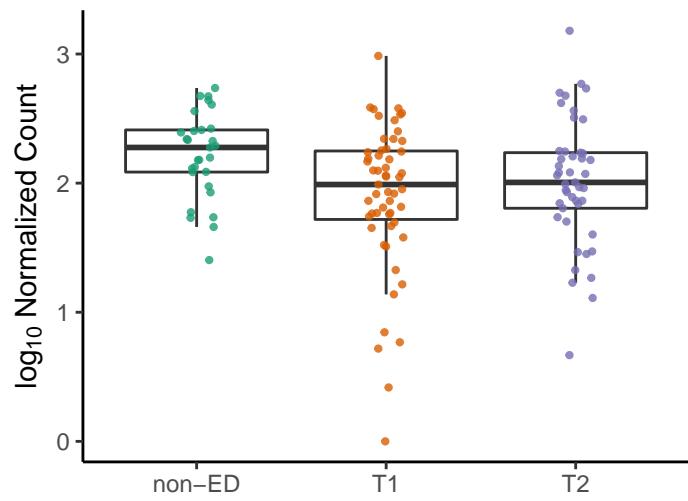
### Streptomyces atratus

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



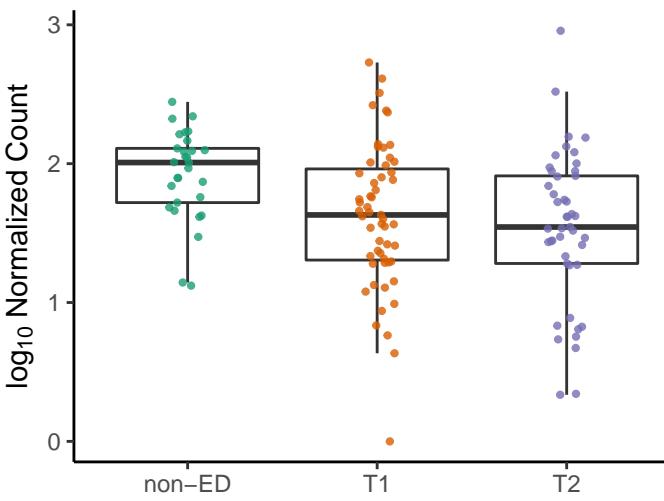
### Caulobacter mirabilis

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.85



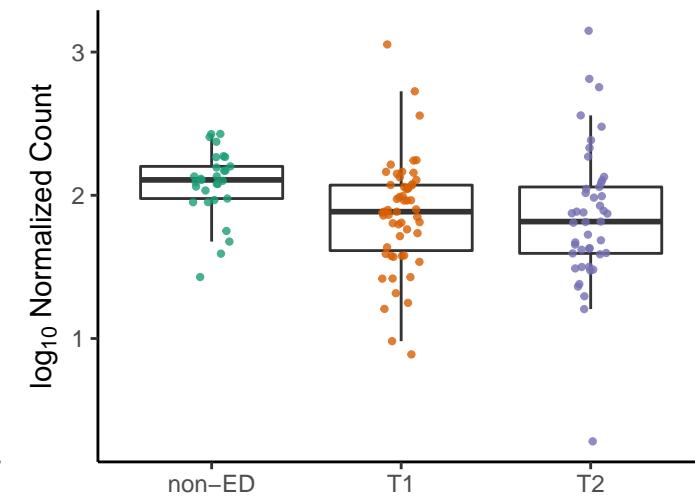
### Lactobacillus helongjiangensis

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.85



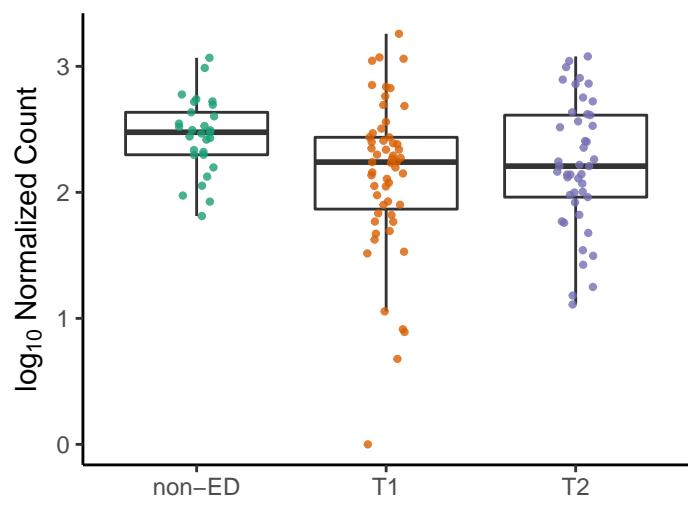
### Rouxiella badensis

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 1



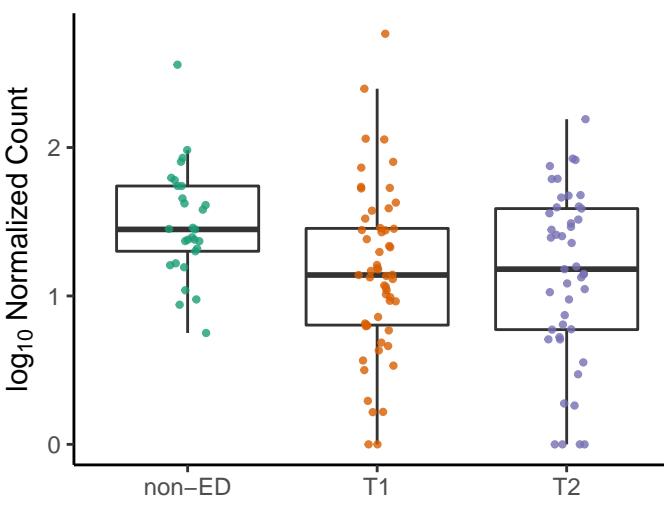
### Kitasatospora setae

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



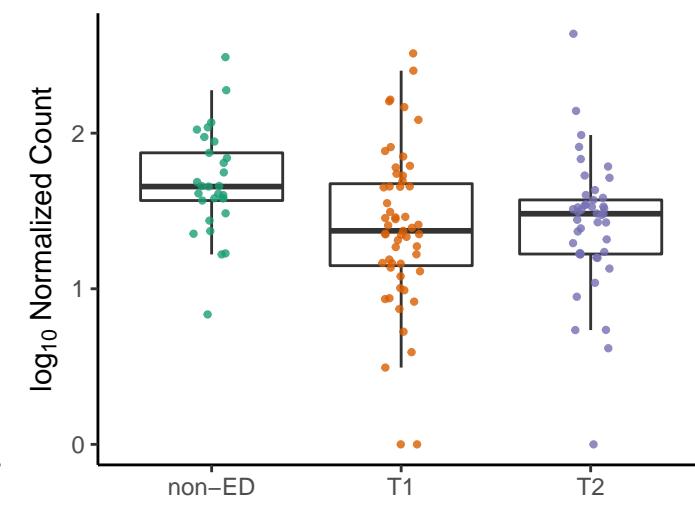
### Pyrobaculum neutrophilum

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.95



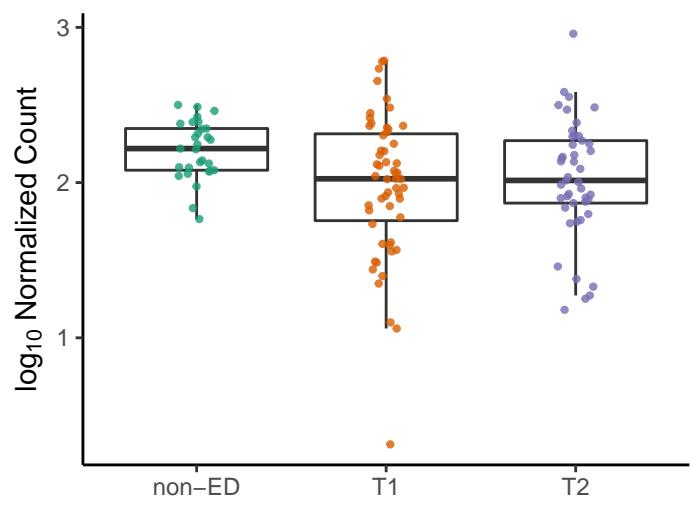
### Synechocystis sp. PCC 6714

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.87



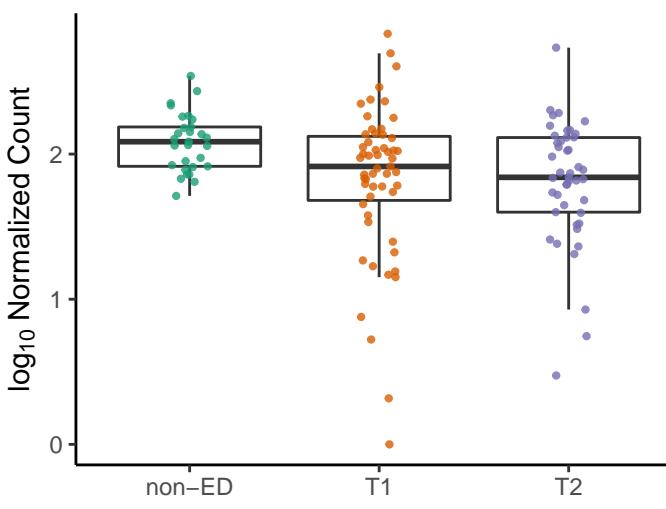
### Verrucomicrobia bacterium S94

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



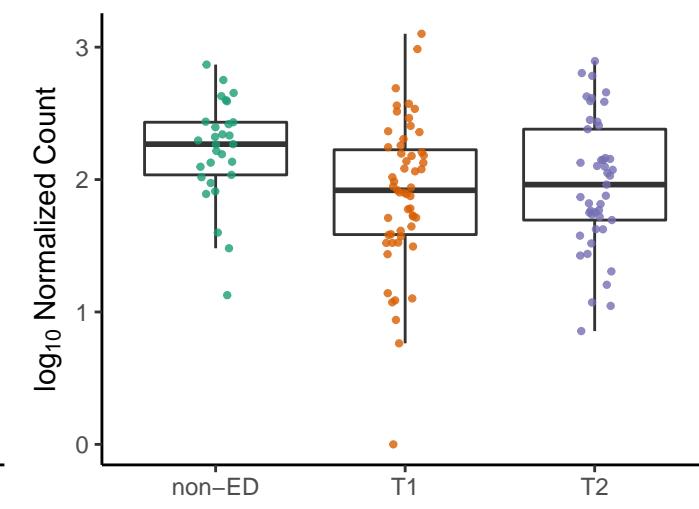
### Pseudarthrobacter phenanthrenivorans

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.0058  
T1 vs. T2 adjusted p = 1



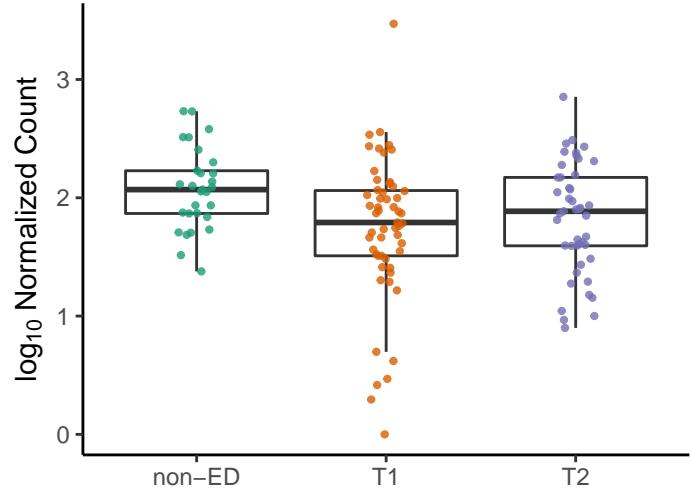
### Streptomyces hundungensis

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.85



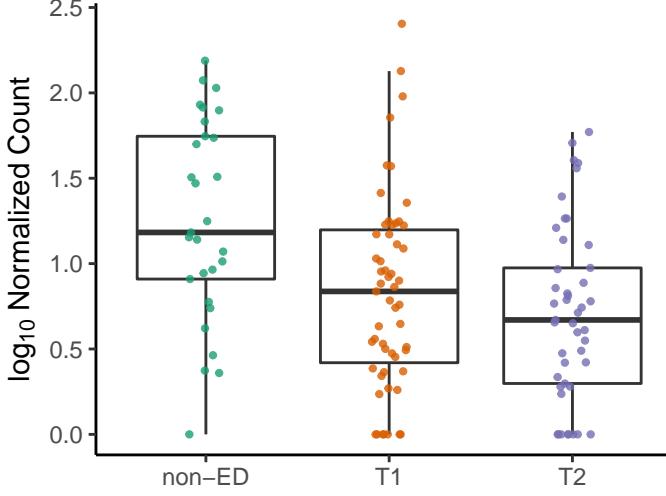
### Pseudonocardia sp. HH130629-09

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.85



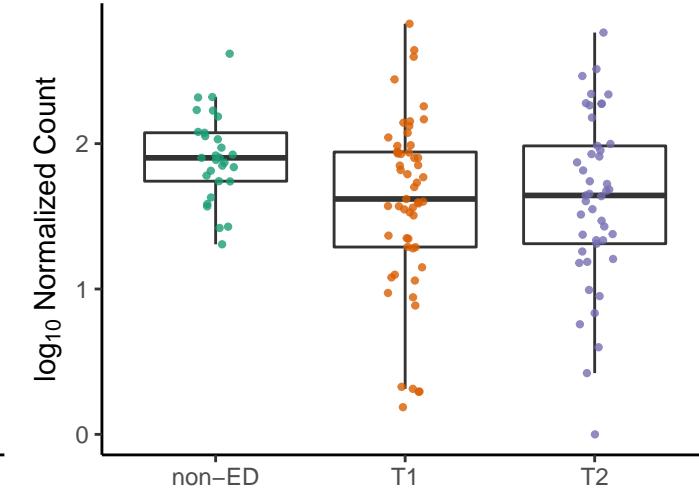
### Blattabacterium punctulatus

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.85



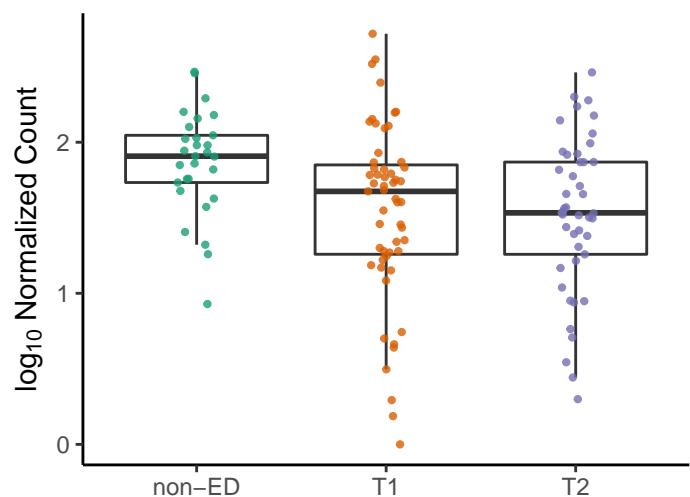
### Chelatococcus daeguensis

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



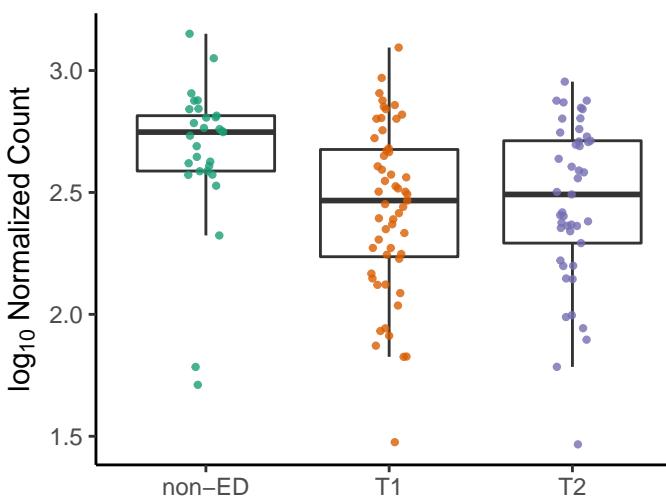
### Mycobacterium mantenii

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.87



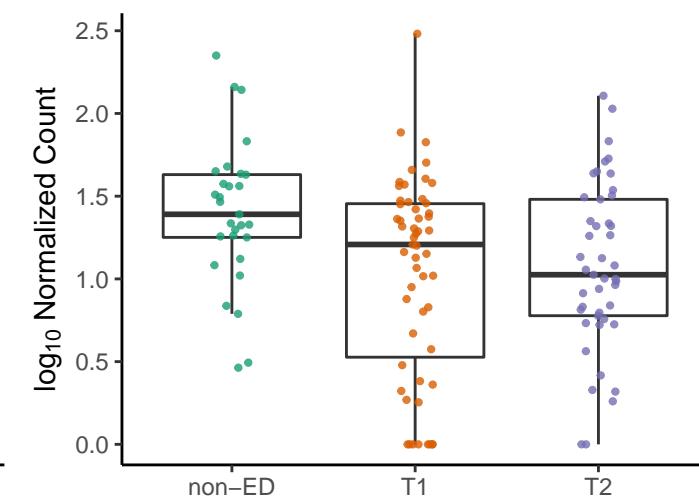
### Paenibacillus physcomitrellae

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.85



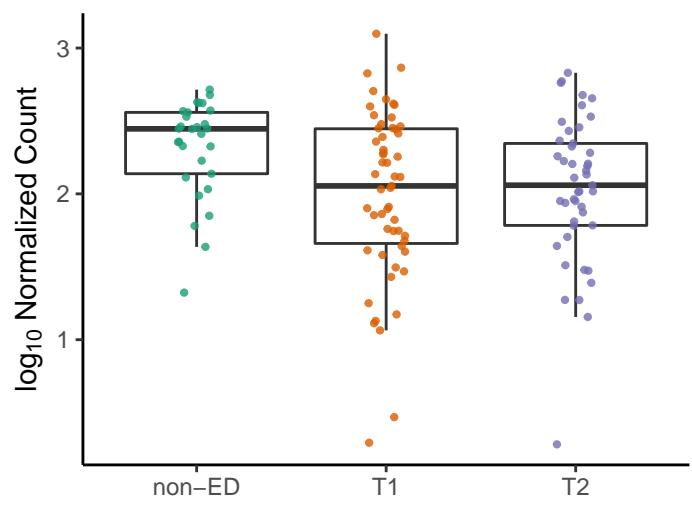
### Azoarcus sp. BH72

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



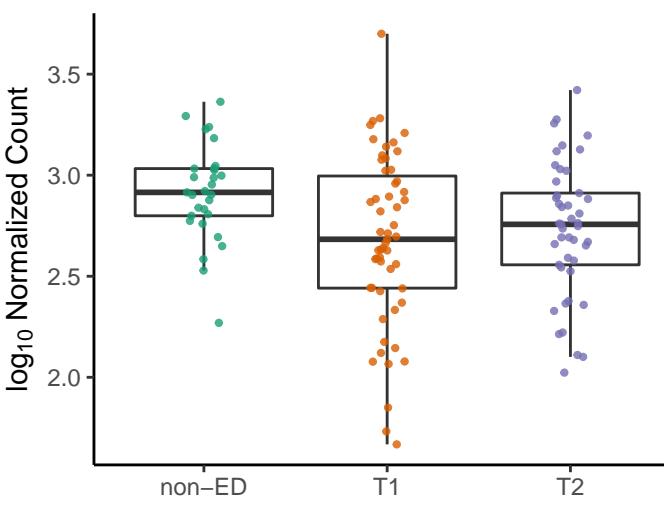
### *Phycisphaera mikurensis*

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.94



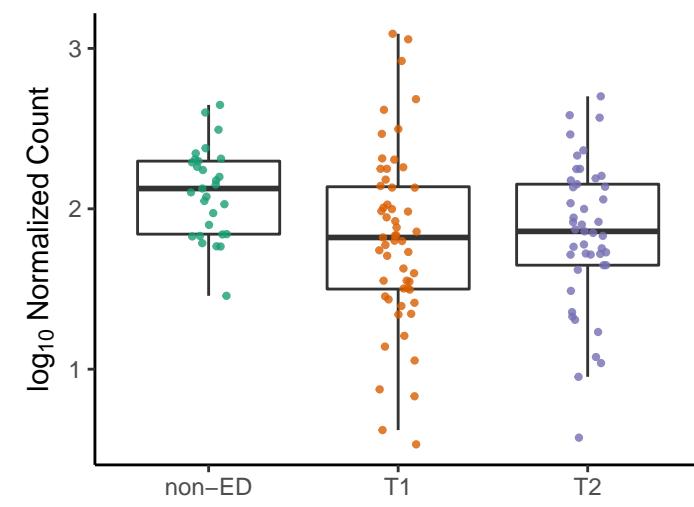
### Unclassified Mycobacterium Genus

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



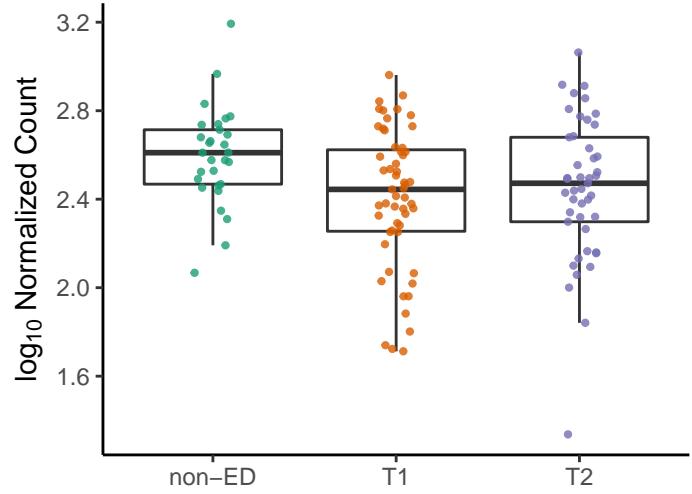
### *Micromonospora* sp. WMMC415

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.93



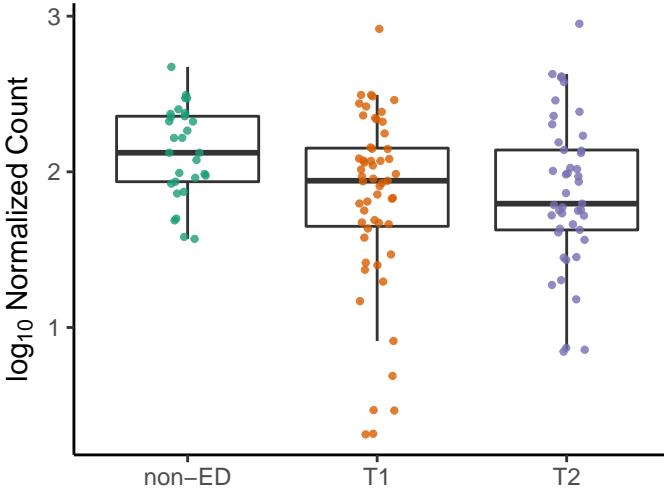
### *Paenibacillus* sp. JDR-2

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



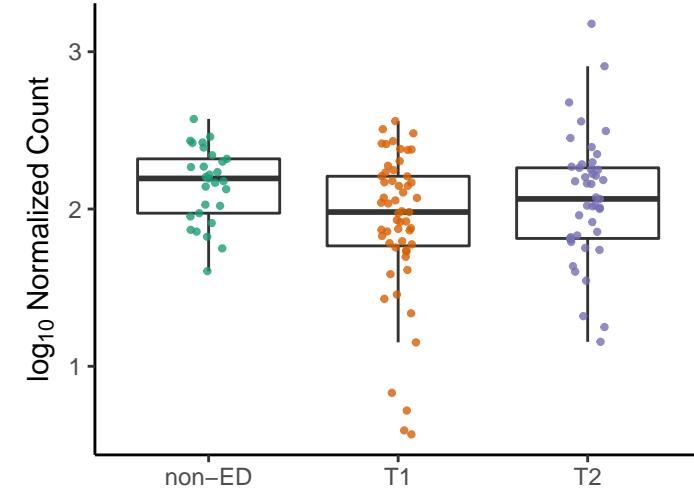
### *Rhodoferax ferrireducens*

non-ED vs. T1 adjusted p = 0.0099  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



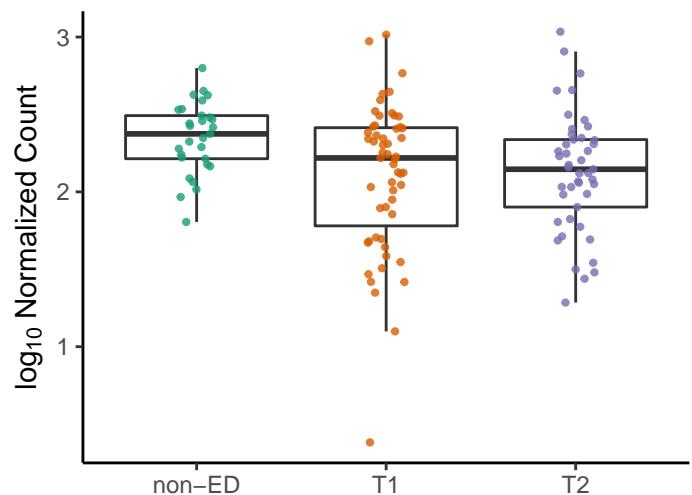
### *Acidobacterium capsulatum*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.84



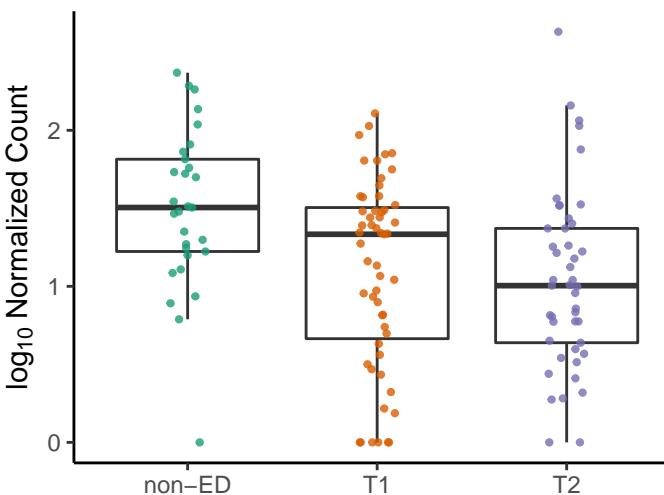
### *Pseudodesulfobacter* sp. SRB007

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.9



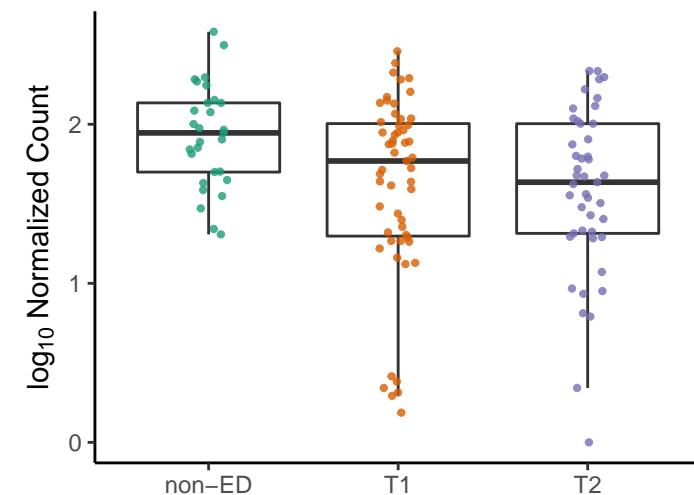
### *Roseovarius mucosus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.99



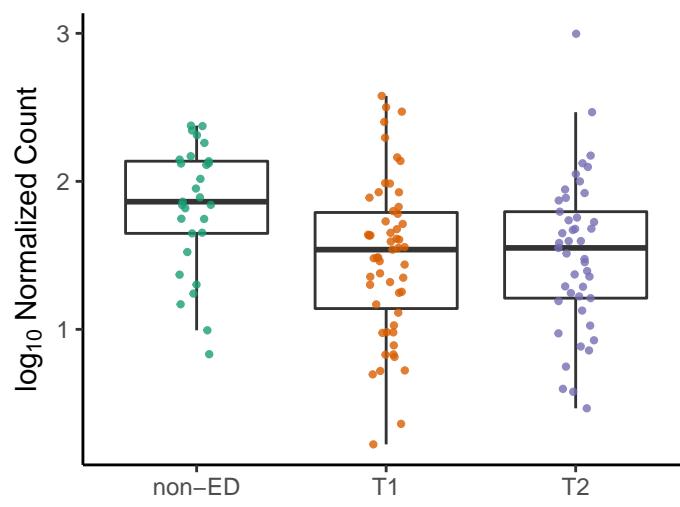
### *Sulfitobacter* sp. SK025

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.94



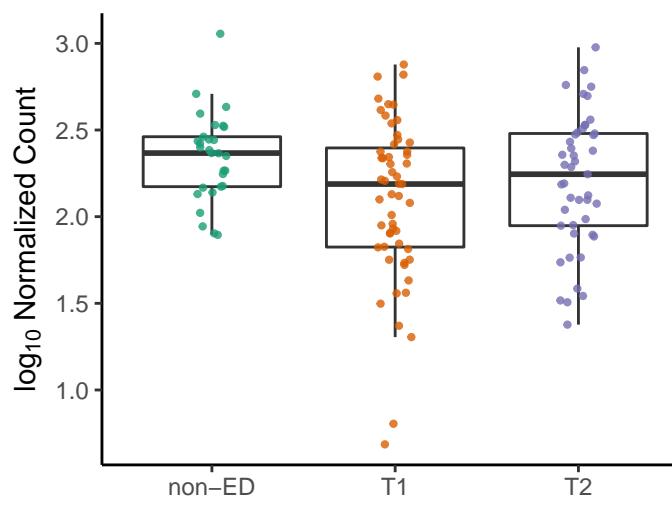
### Bergeyella cardium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.9



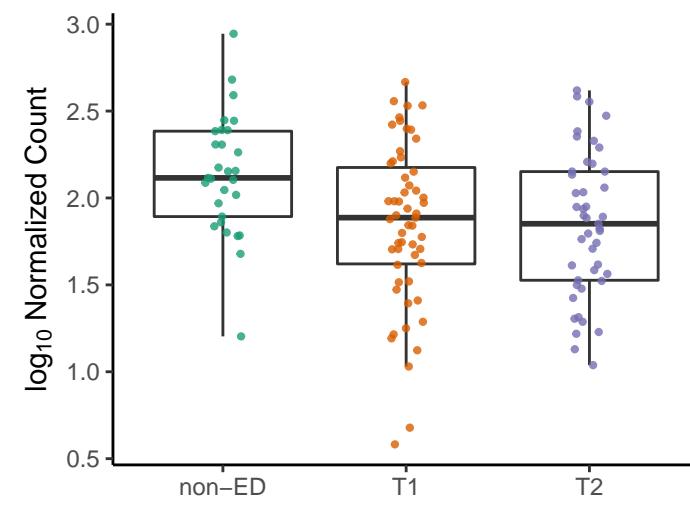
### Burkholderia ubonensis

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.85



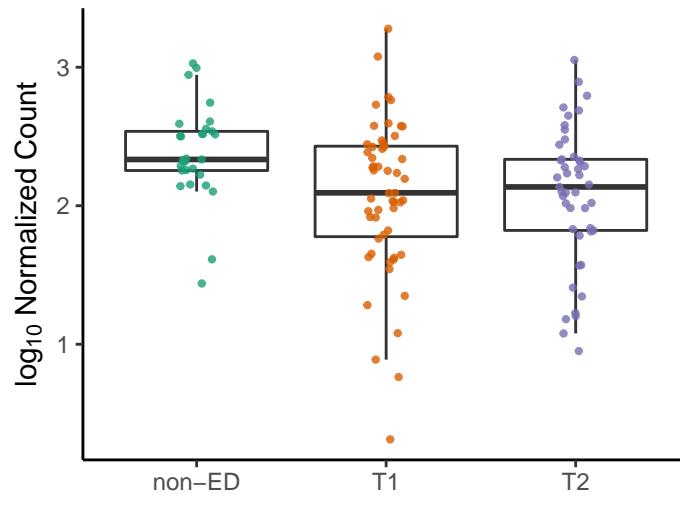
### Microbulbifer hydrolyticus

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.91



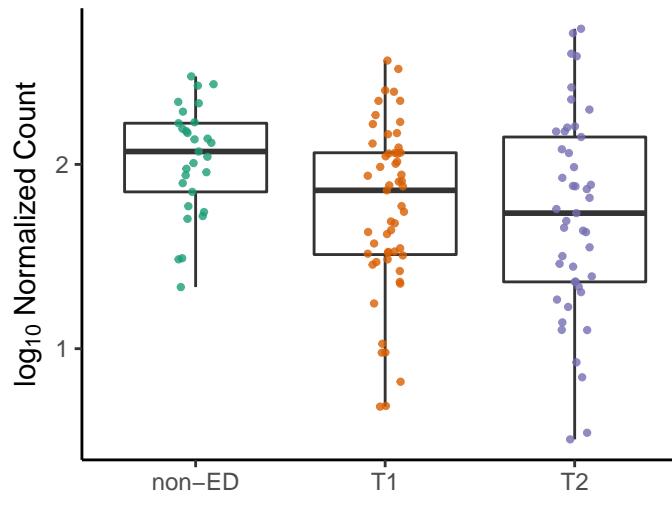
### Amycolatopsis sp. YIM 10

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.9



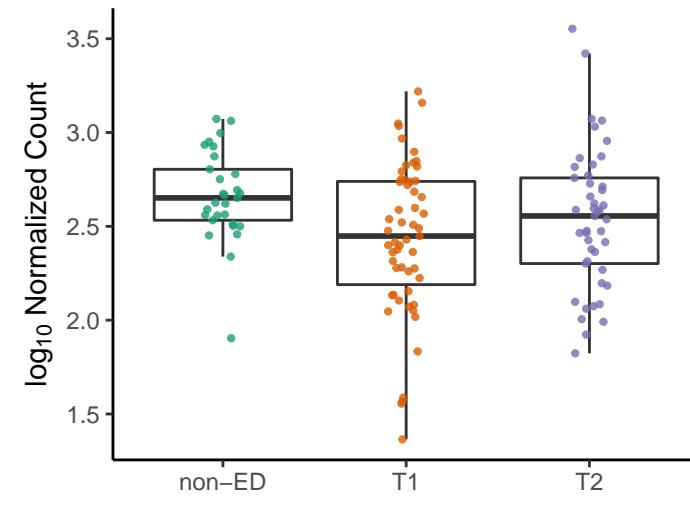
### Nostoc linckia

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.98



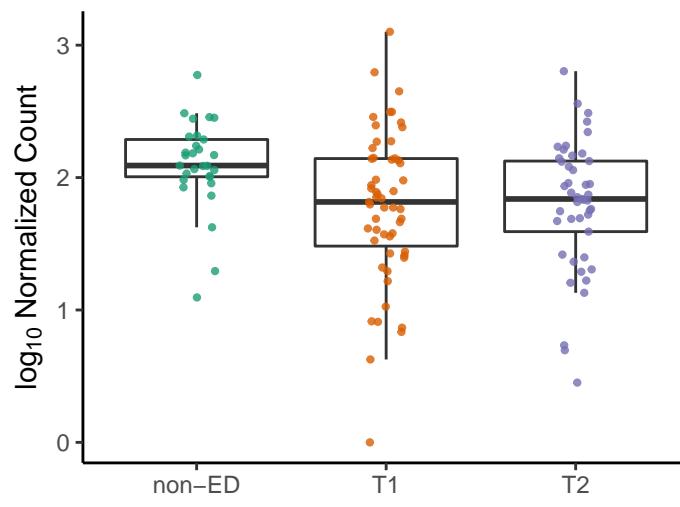
### Paenibacillus sp. RUD330

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



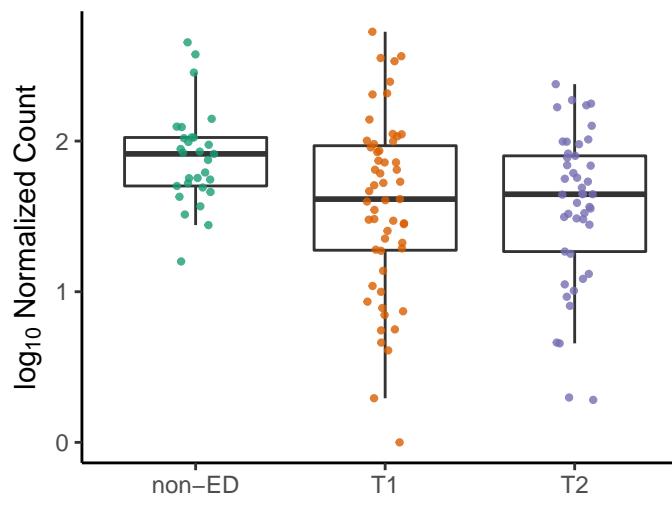
### Salinisphaera sp. LB1

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.87



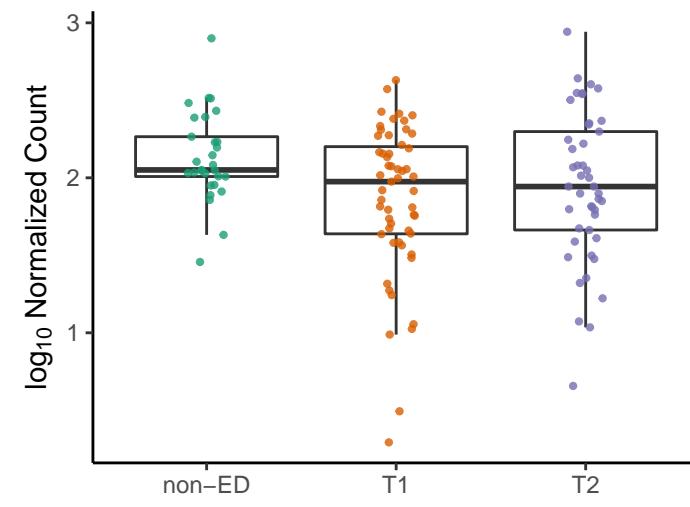
### Unclassified Lysobacter Genus

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.99



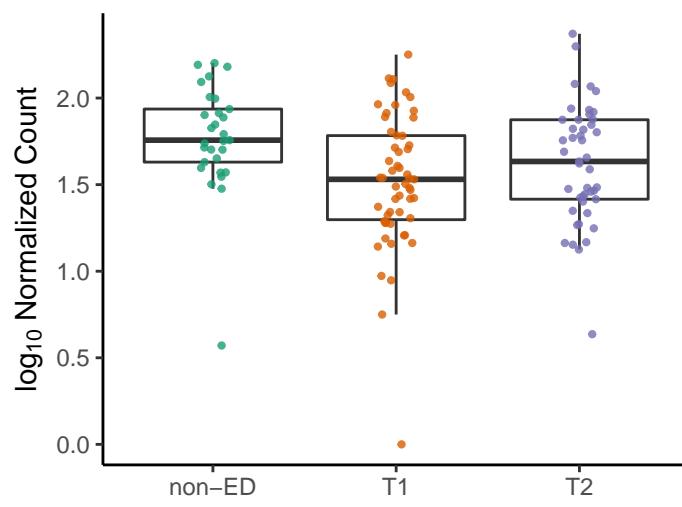
### Unclassified Propionibacterales Order

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.85



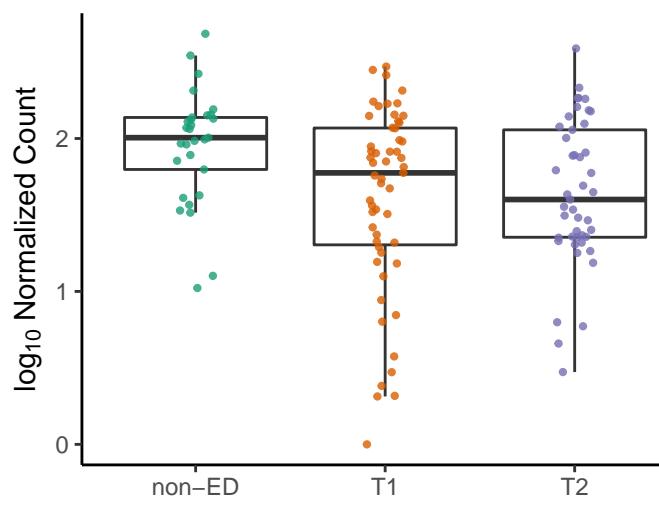
### *Yersinia entomophaga*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



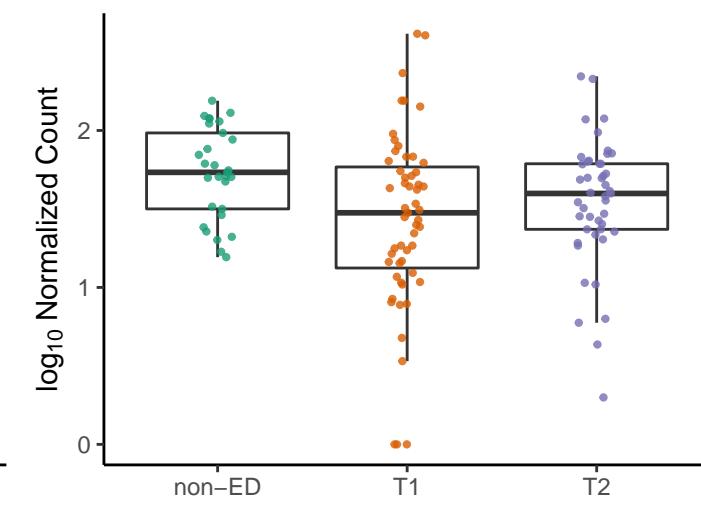
### *Mycobacterium rutilum*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.86



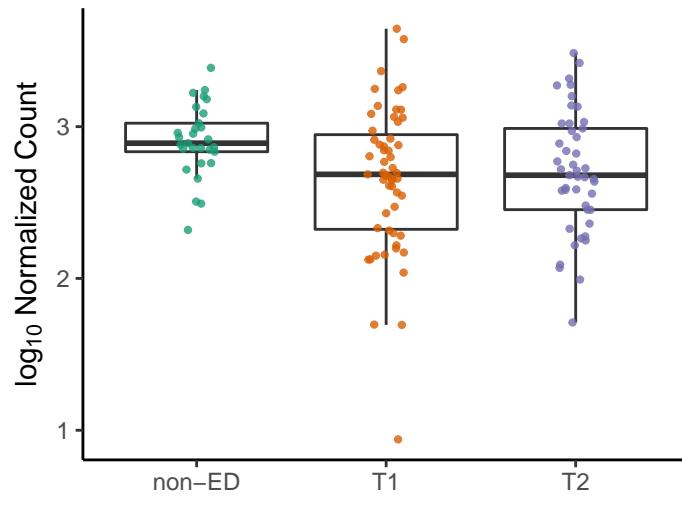
### *Delftia acidovorans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.85



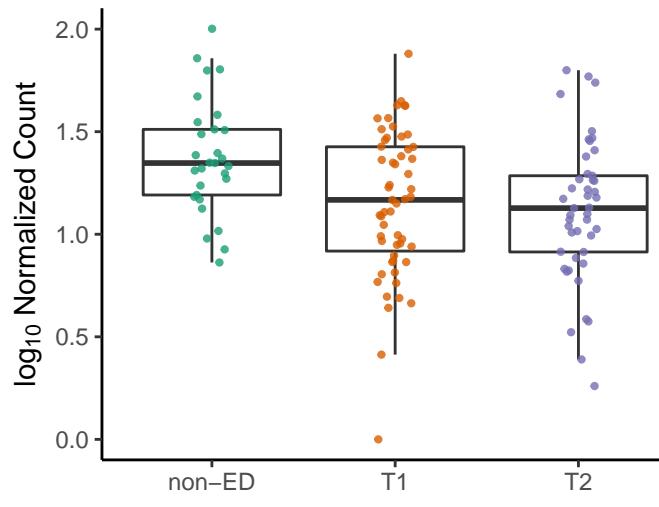
### *Cupriavidus taiwanensis*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



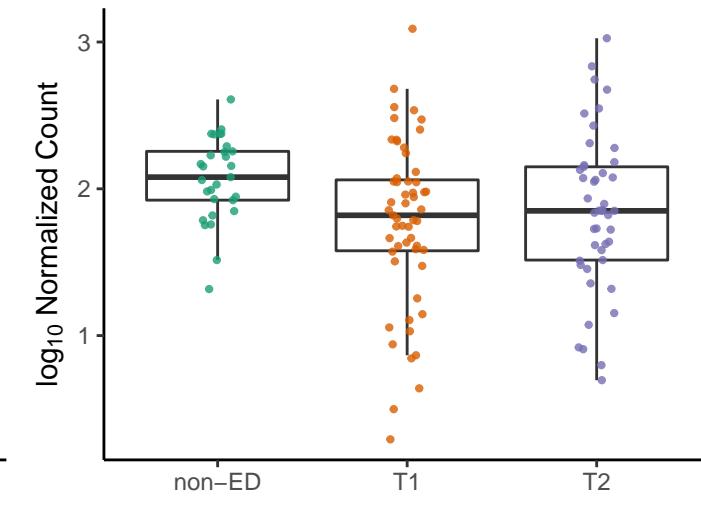
### *Candidatus Rhodoluna planktonica*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.87



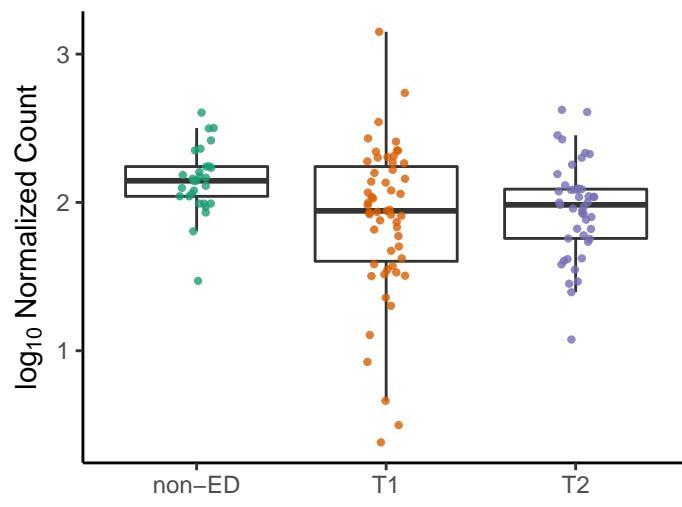
### *Caulobacter sp. K31*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



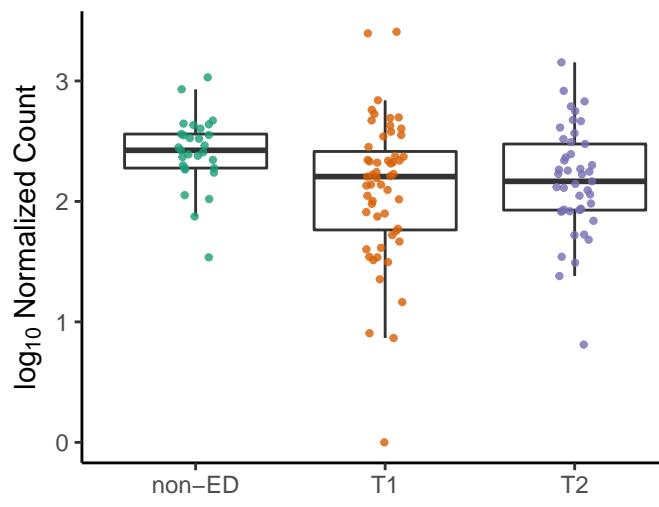
### *Kerstesia gyiorum*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



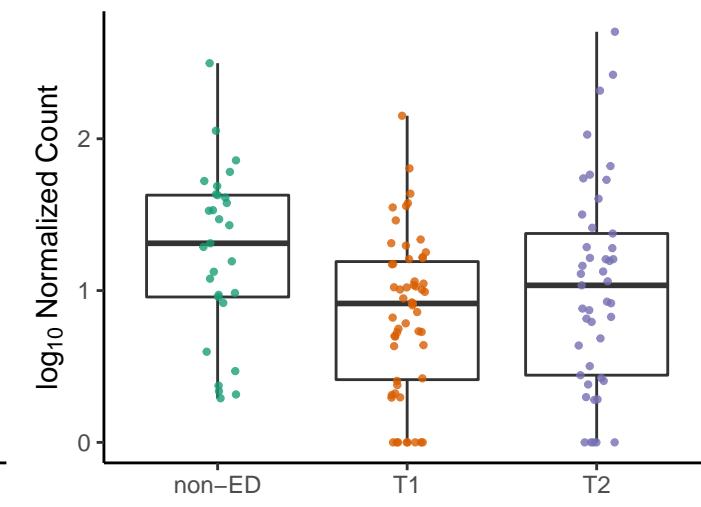
### *Pseudonocardia dioxanivorans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



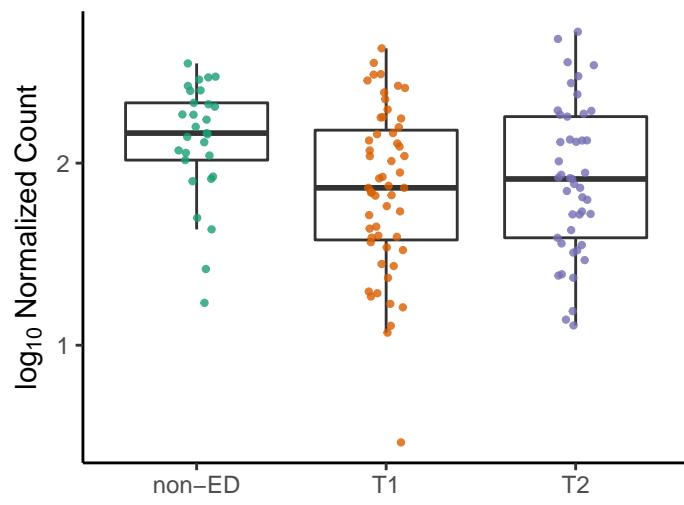
### *Rhodococcus sp. 2G*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



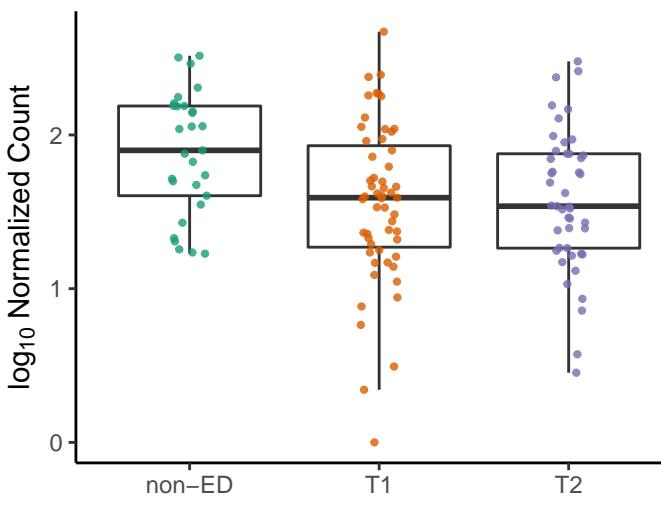
### *Scardovia inopinata*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



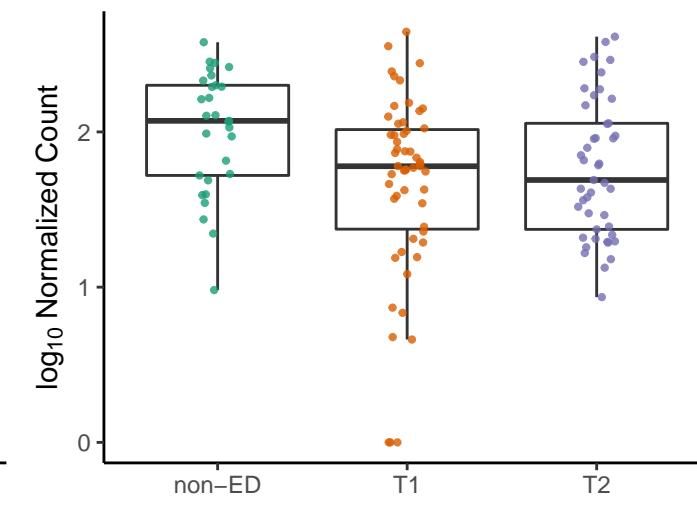
### *Burkholderia territorii*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.88



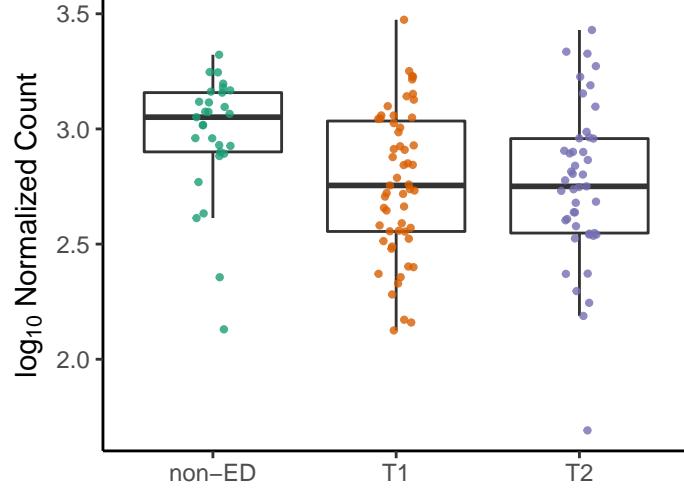
### *Mycobacterium parvum*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



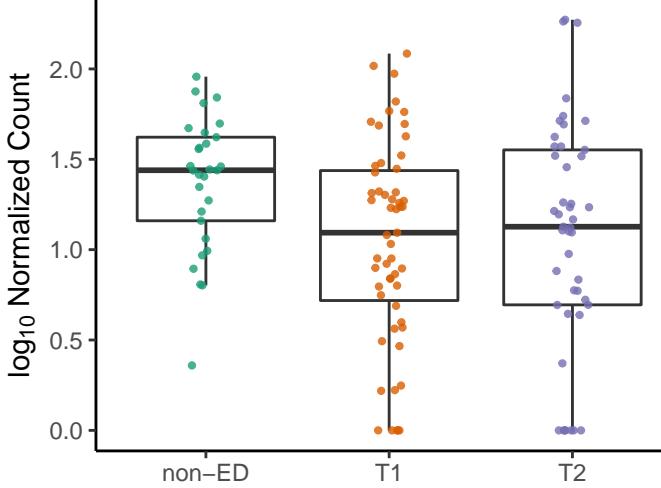
### *Clostridium pasteurianum*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.99



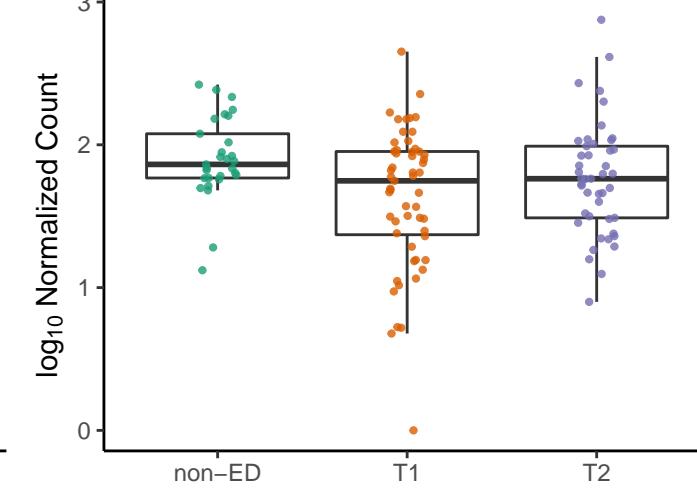
### *Thermococcus gorgonarius*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.91



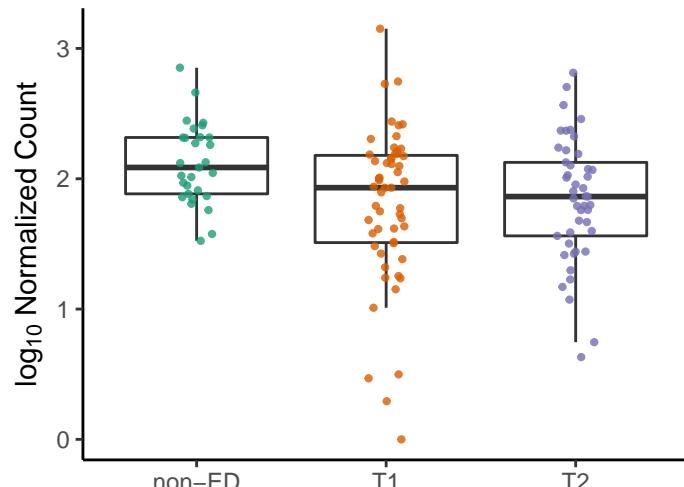
### *Arthrobacter sp. YN*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



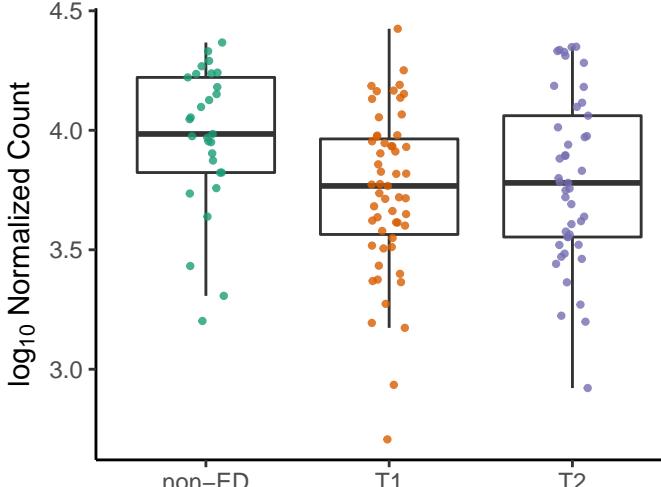
### *Blastochloris viridis*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



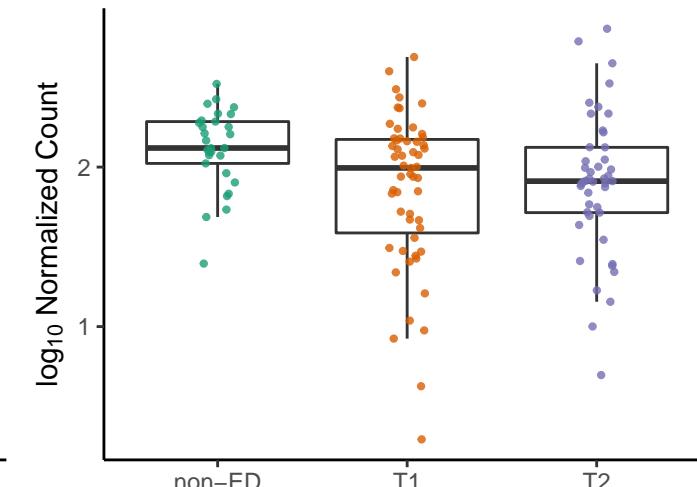
### *Clostridium sp. SY8519*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



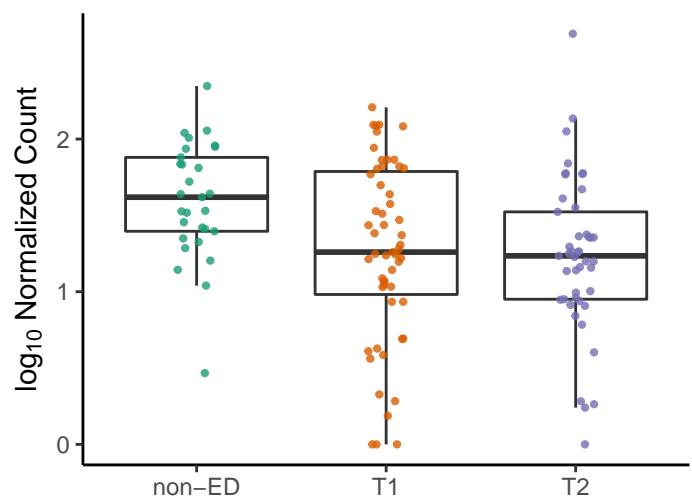
### *Aminobacter aminovorans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.87



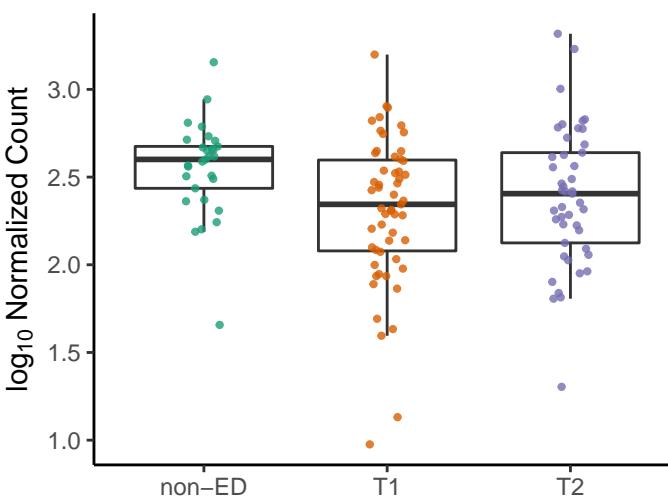
### *Helicobacter himalayensis*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.92



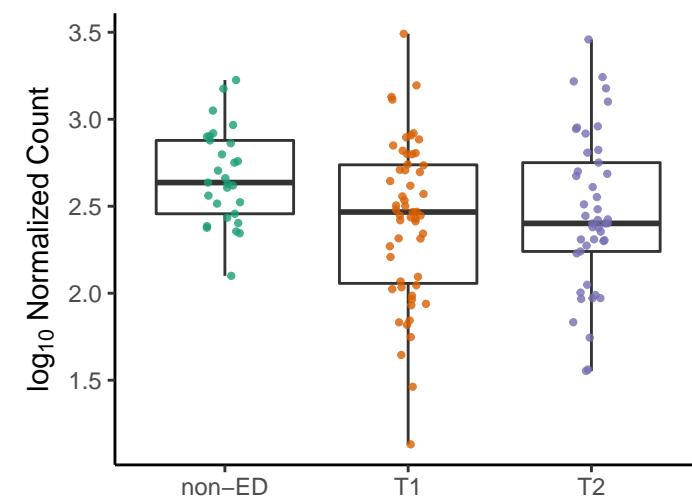
### *Anaerolineaceae bacterium oral taxon 4*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.85



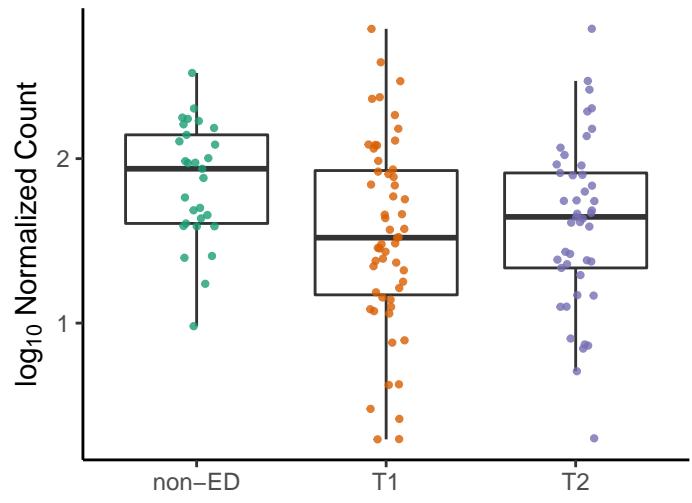
### *Archangium gephyra*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



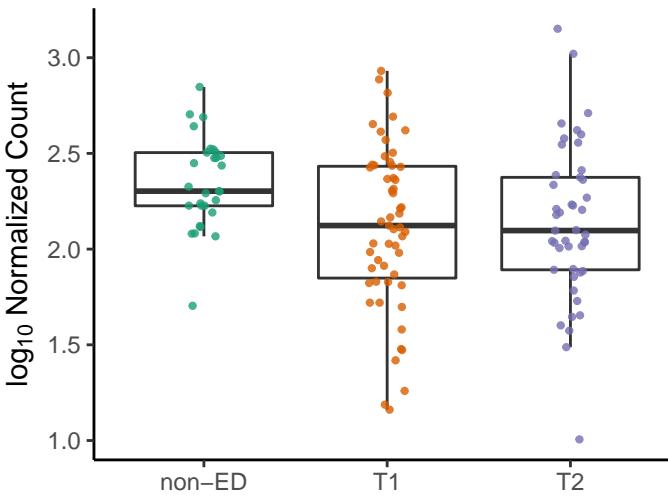
### *Bordetella pseudohinzii*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



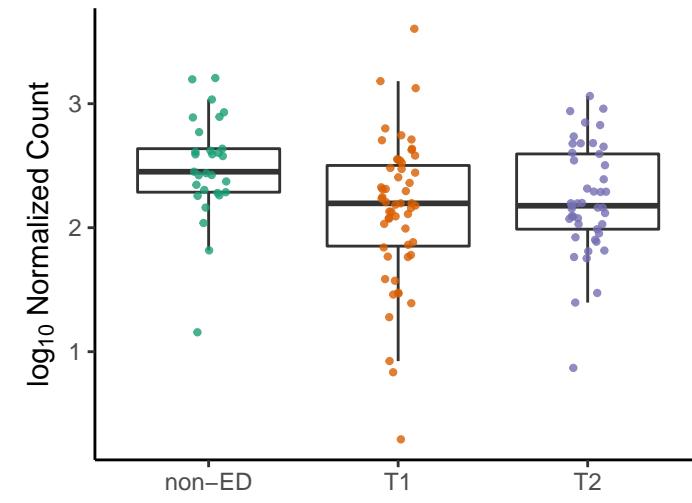
### *Neorhizobium galegae*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.87



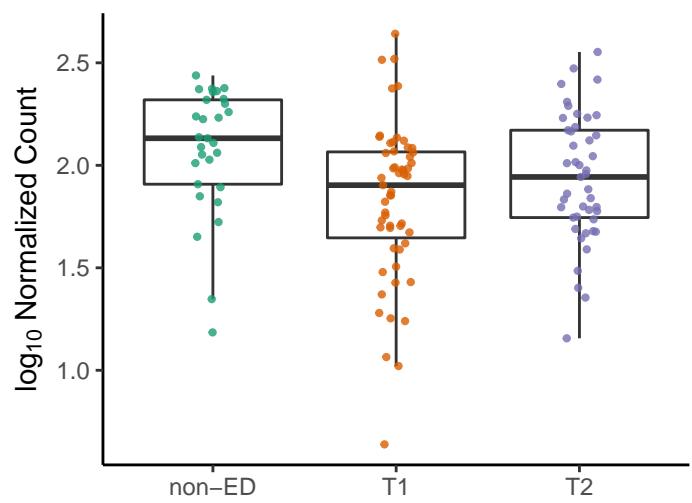
### *Actinomadura sp. WMMB499*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



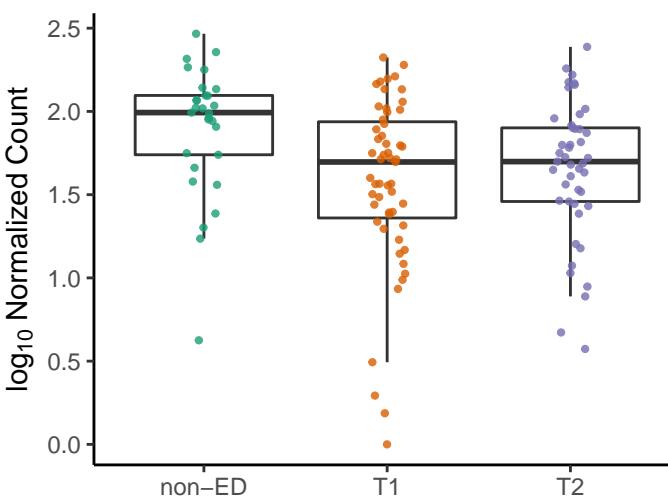
### *Lactobacillus mucosae*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



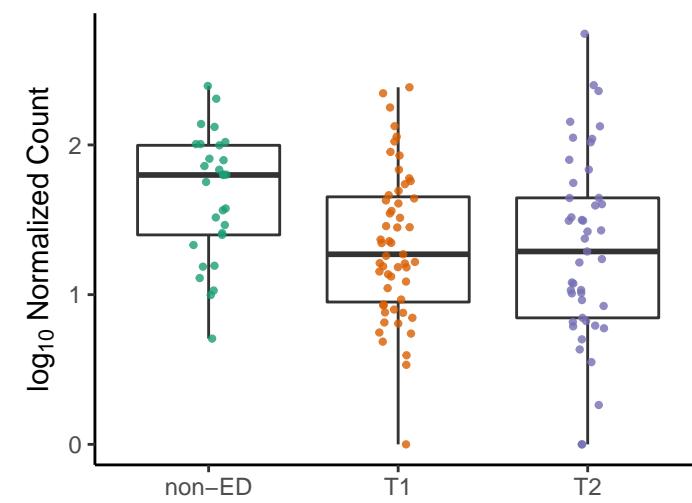
### *Psychromicrobium lacuslunae*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



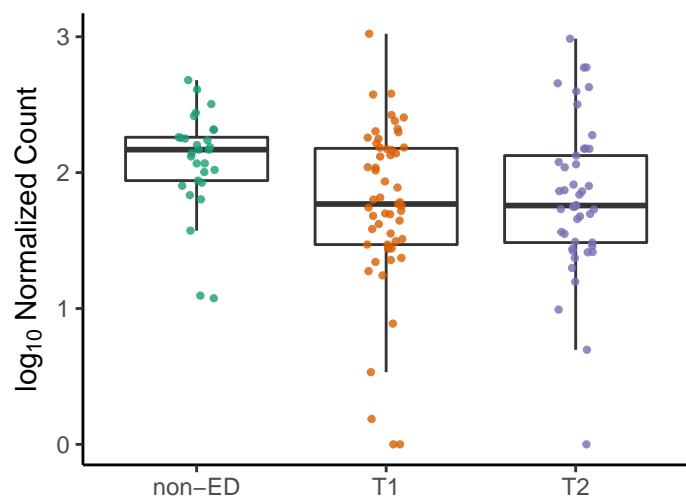
### *Celeribacter marinus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.95



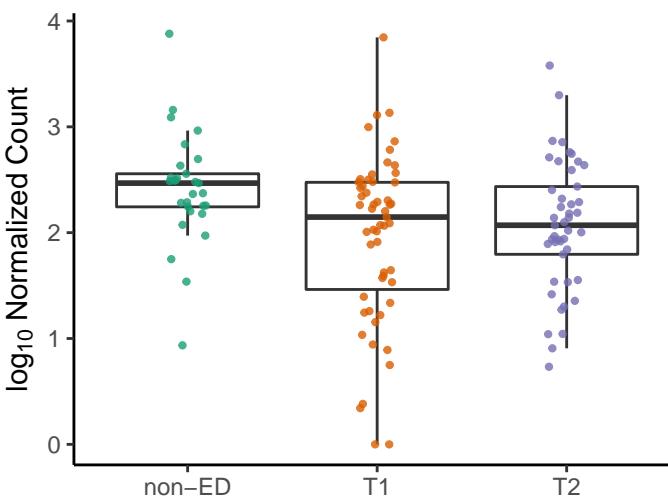
### Paracoccus sp. AK26

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



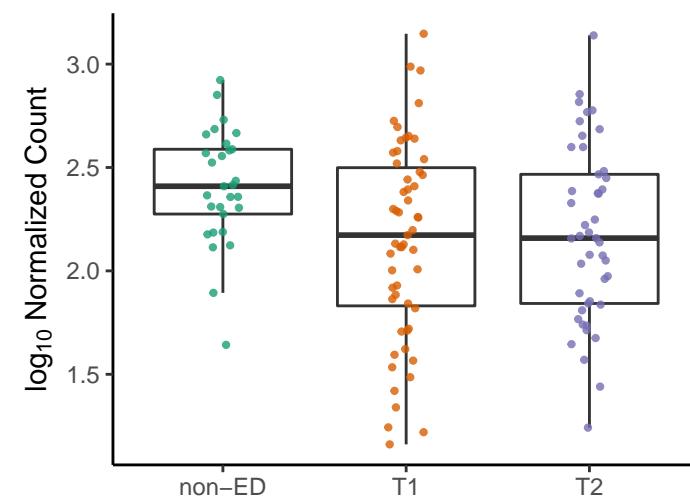
### Unclassified Olsenella Genus

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.85



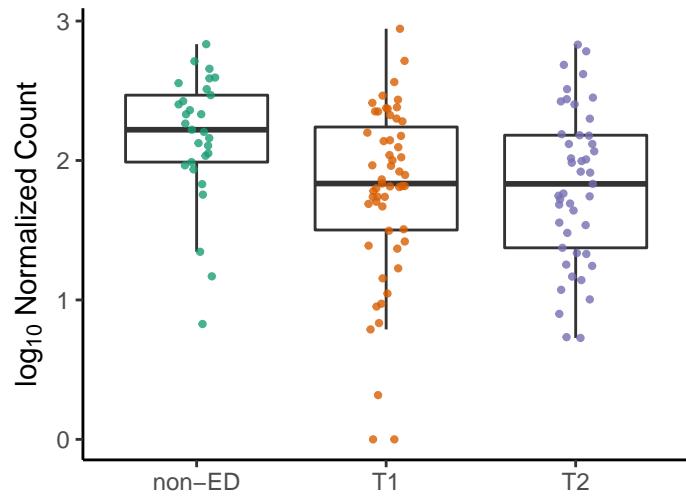
### Actinoplanes friuliensis

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.86



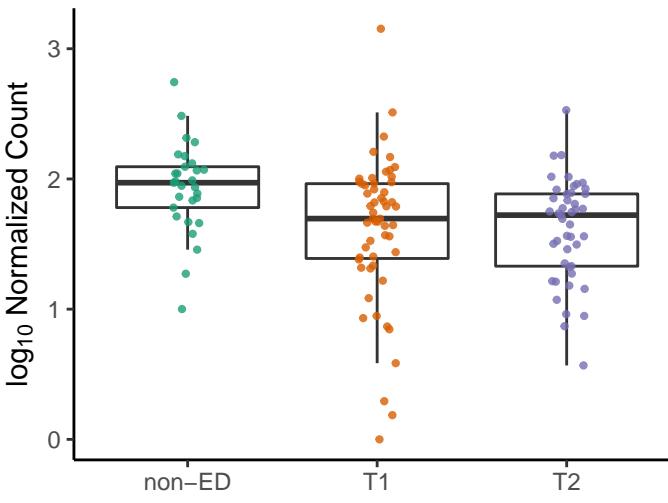
### Isoptericola variabilis

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



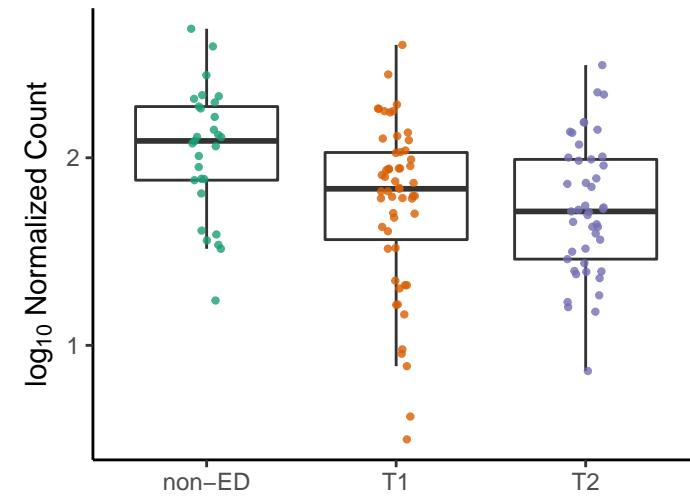
### Neisseria lactamica

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.86



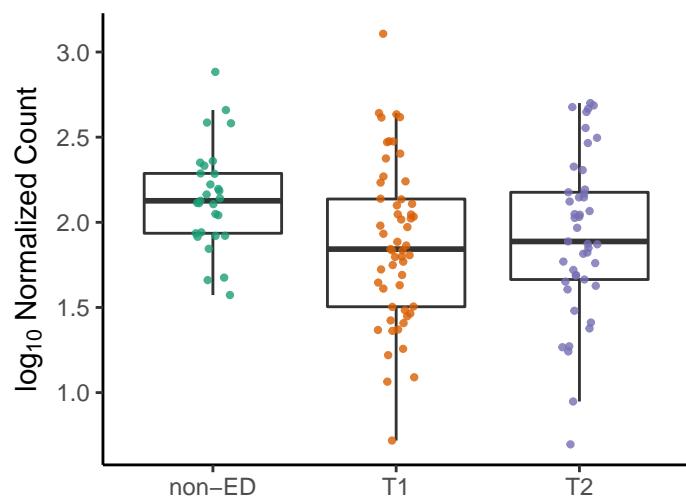
### Aquitalea denitrificans

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0064  
T1 vs. T2 adjusted p = 0.97



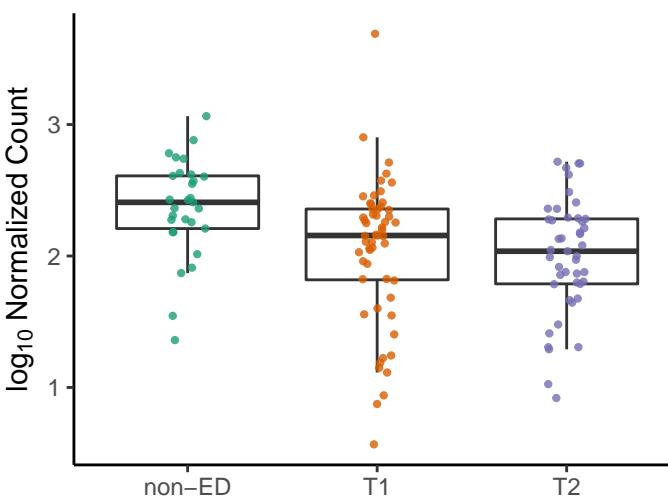
### Diaphorobacter sp. HDW4A

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.85



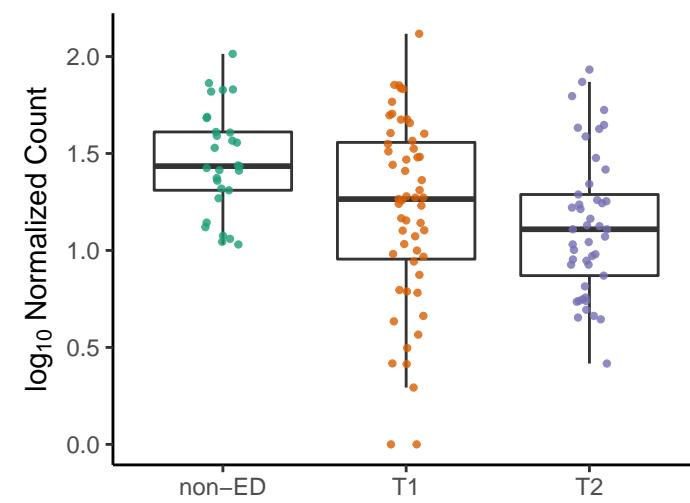
### Hymenobacter sp. DG01

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0046  
T1 vs. T2 adjusted p = 0.97



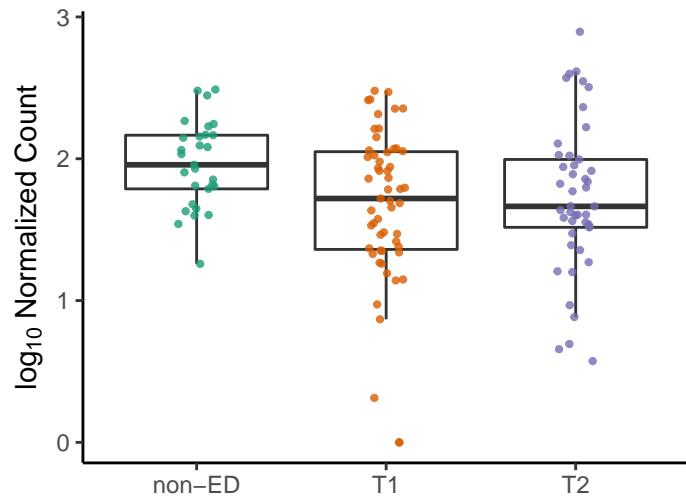
### Unclassified Piscirickettsiaceae Family

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.85



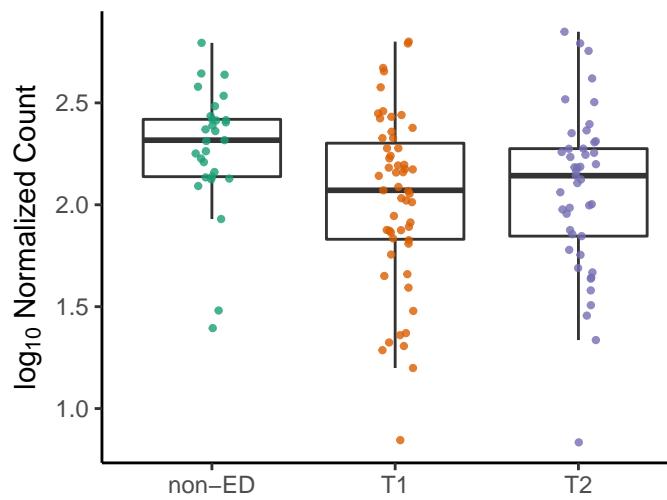
### *Alcanivorax xenomutans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



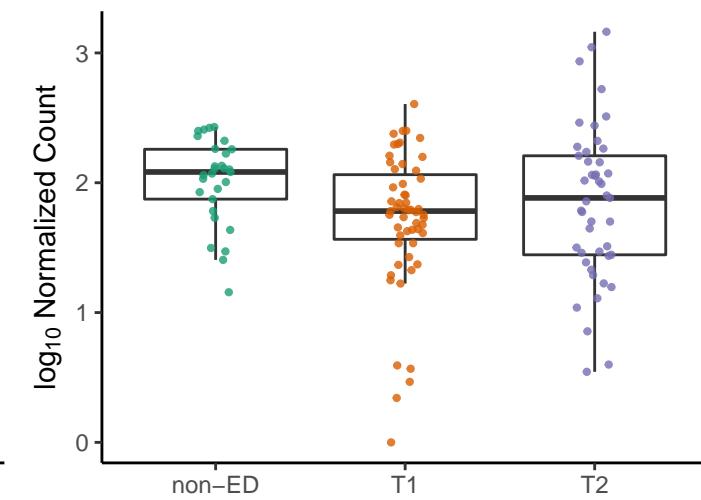
### *Anaerohalosphaera lusitana*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



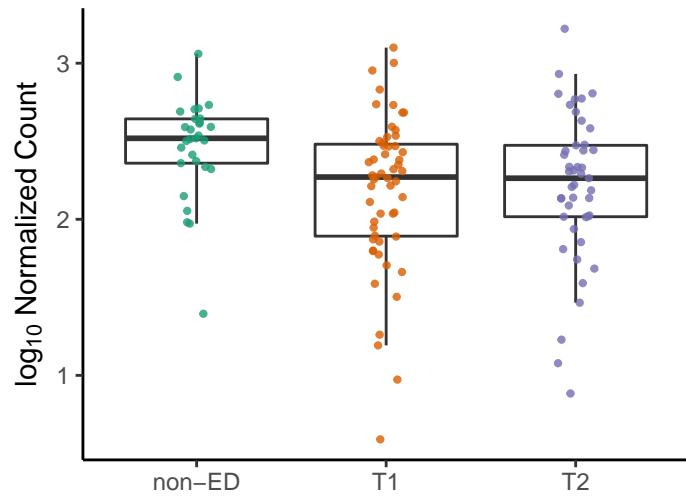
### *Rhodococcus rhodochrous*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



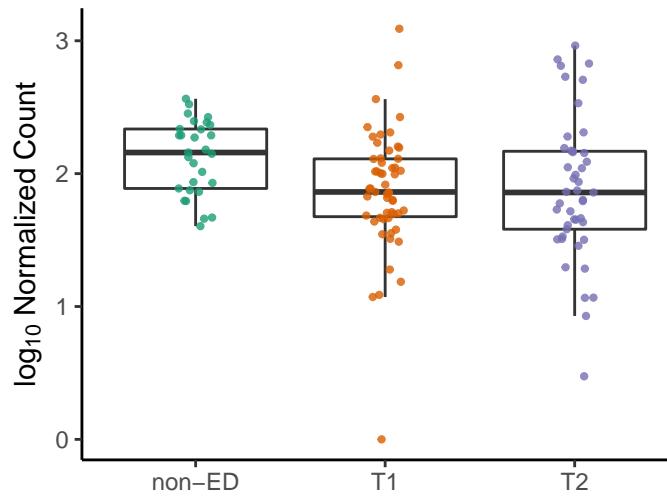
### *Lysobacter enzymogenes*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.87



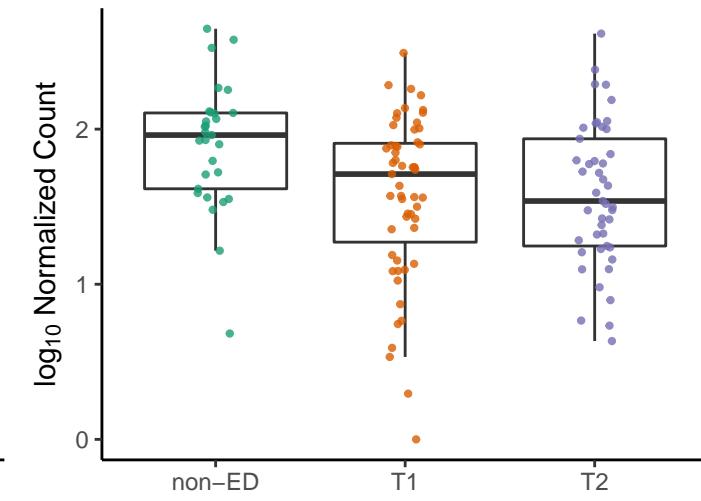
### *Luteibacter rhizovicinus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.98



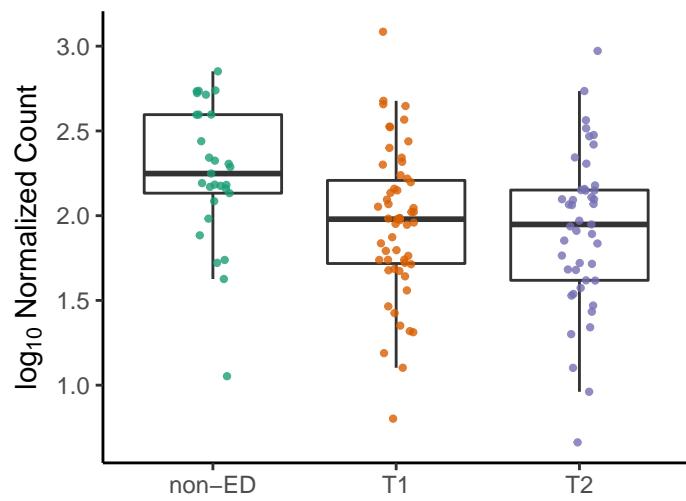
### *Microbacterium sp. ST-M6*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.95



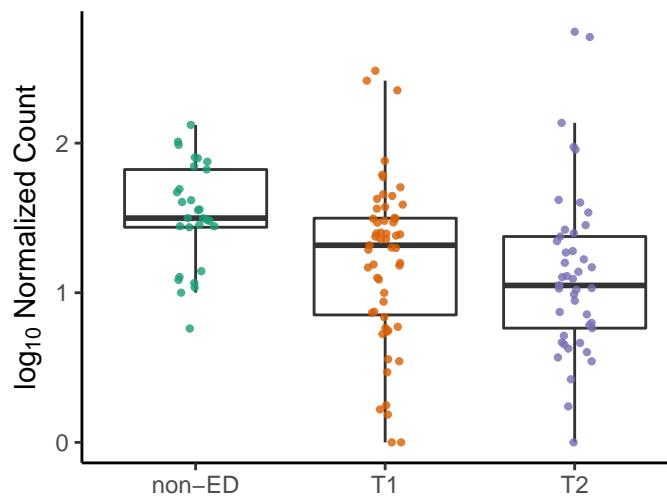
### *Lactobacillus manihotivorans*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.85



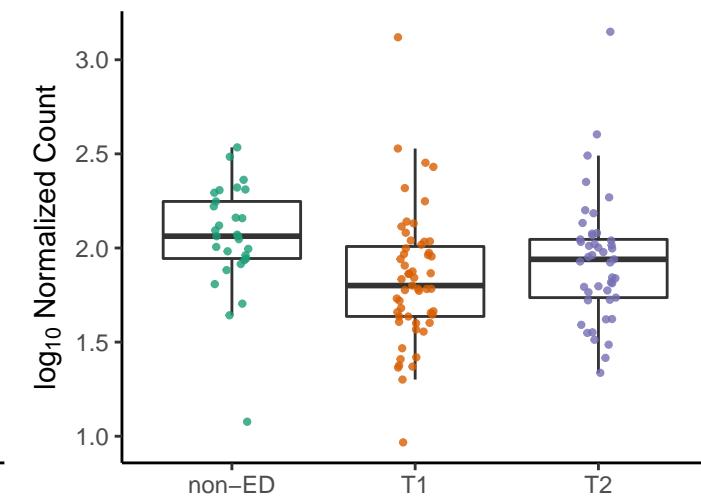
### Unclassified Chitinophaga Genus

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.85



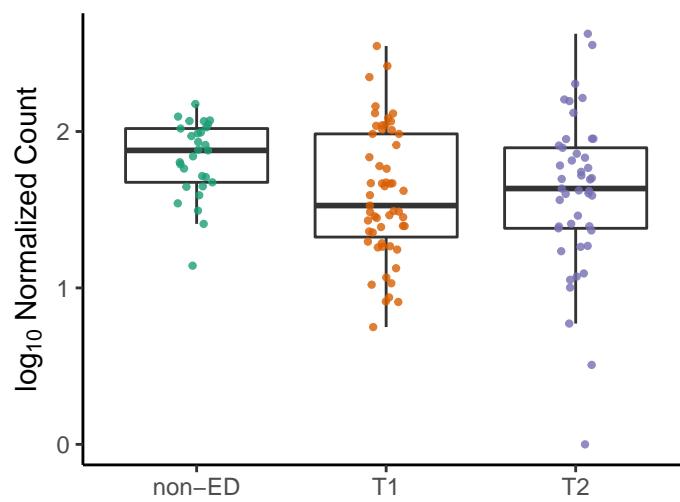
### *Vibrio mediterranei*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



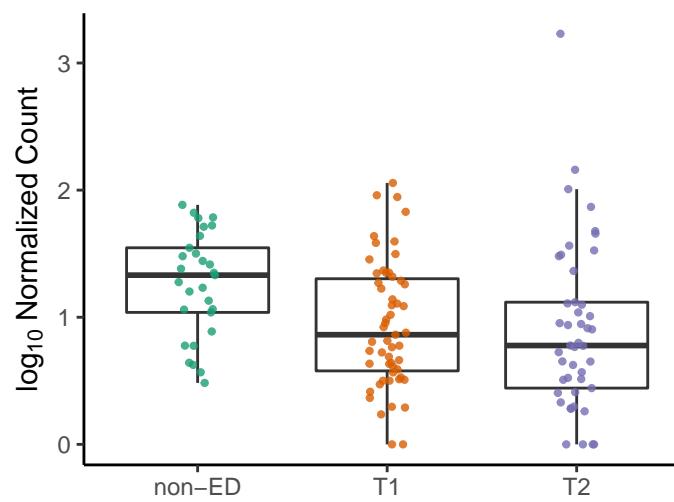
### *Caldicellulosiruptor ktonotskyensis*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.95



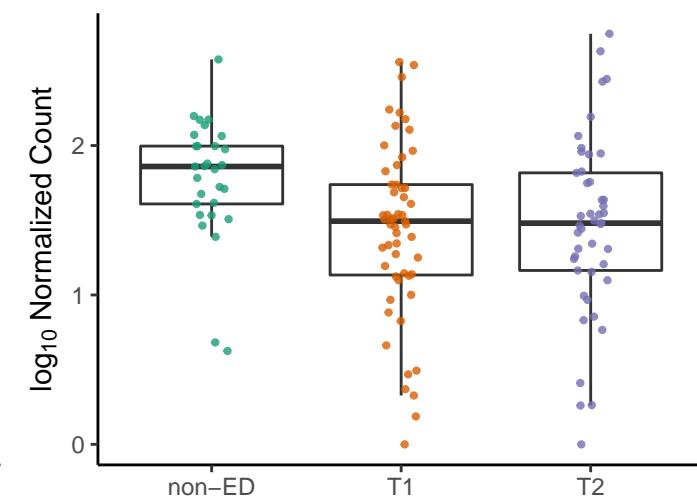
### *Candidatus Sneabacter namystus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.99



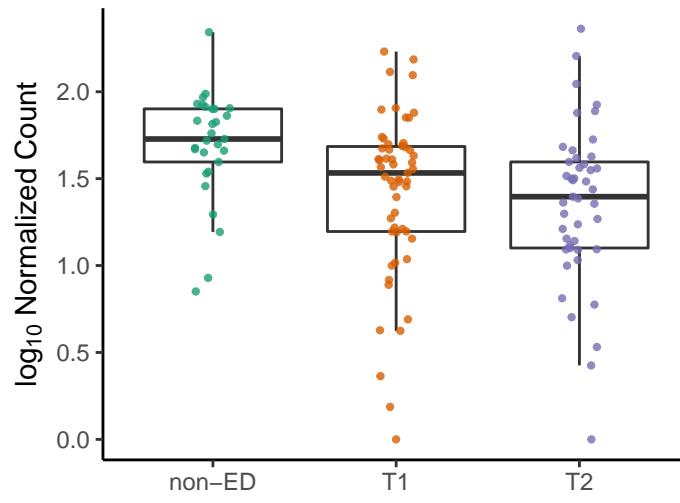
### *Halohasta litchfieldiae*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



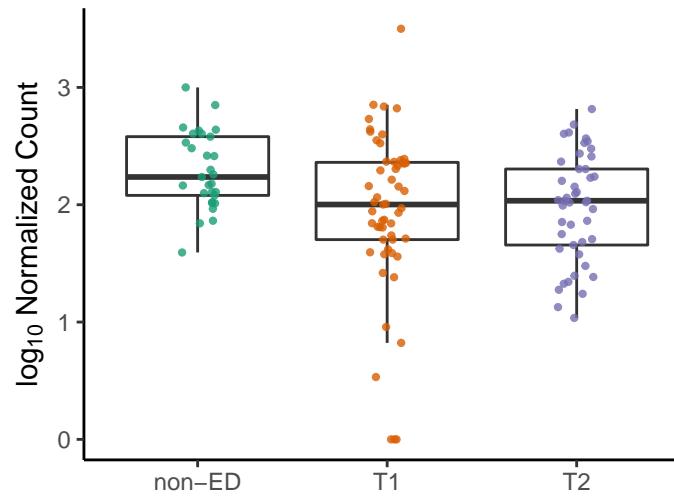
### *Kingella kingae*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0052  
 T1 vs. T2 adjusted p = 1



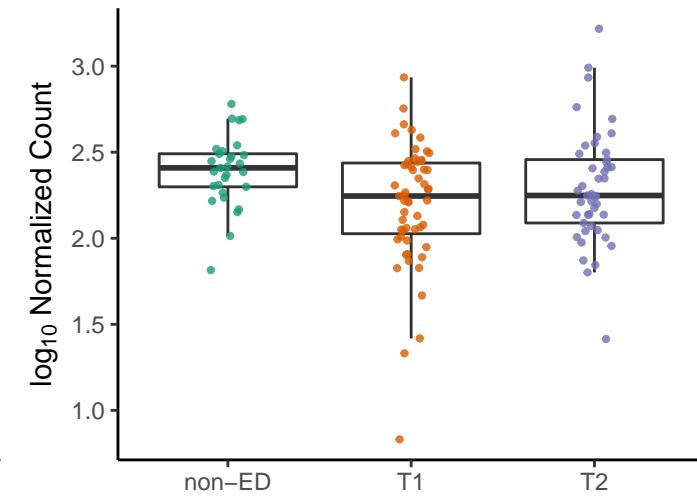
### *Nocardioides sp. 603*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.9



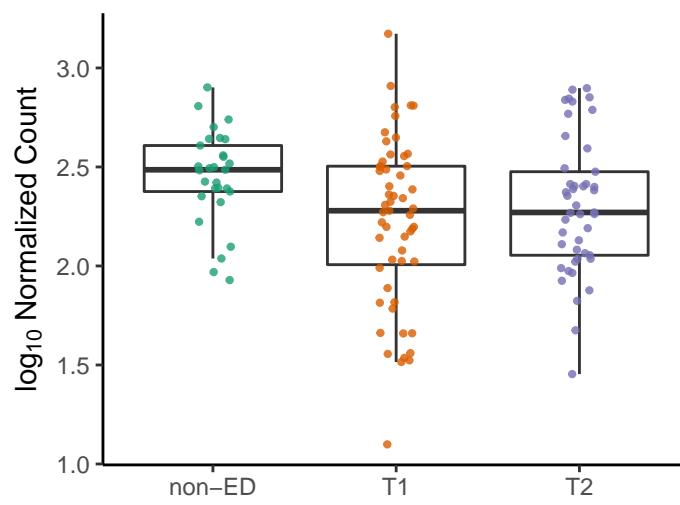
### *Paenibacillus sp. FSL P4-0081*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



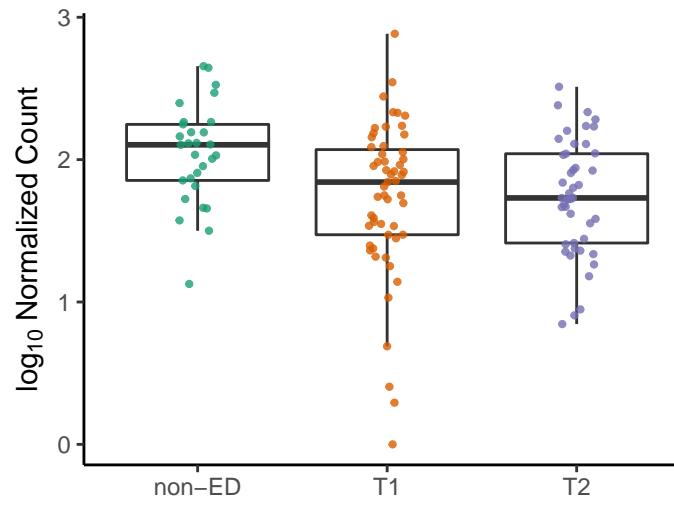
### *Pannonibacter phragmitetus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.85



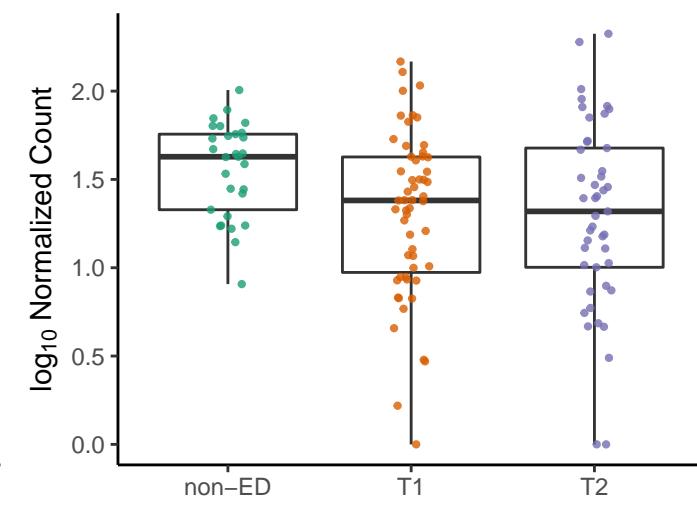
### *Pseudomonas sp. SCB32*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.93



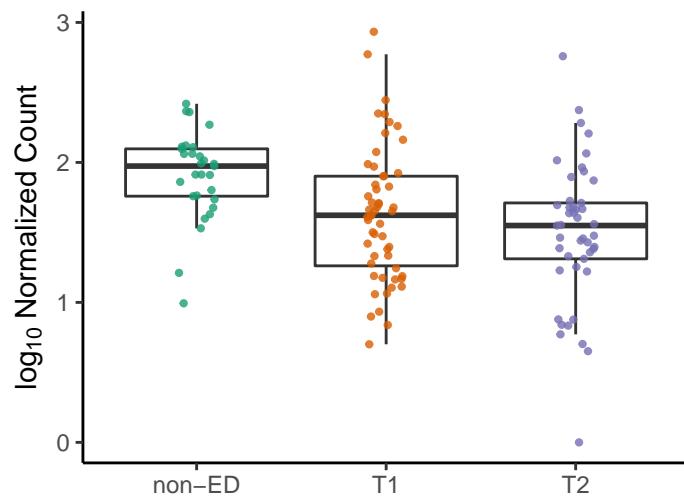
### Unclassified Moraxellaceae Family

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.99



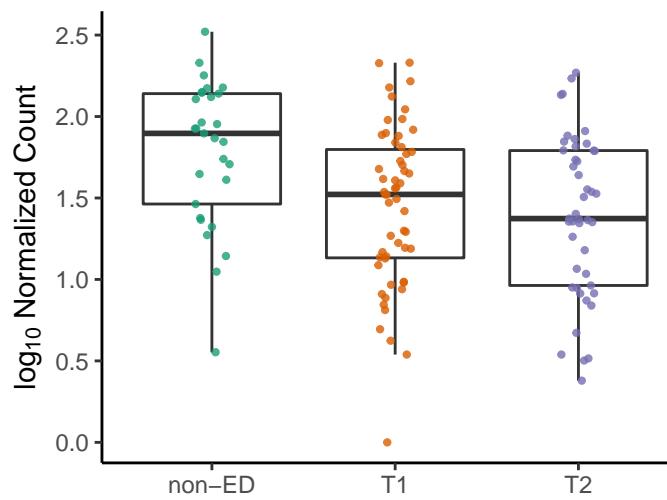
### Borrelia miyamotoi

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.85



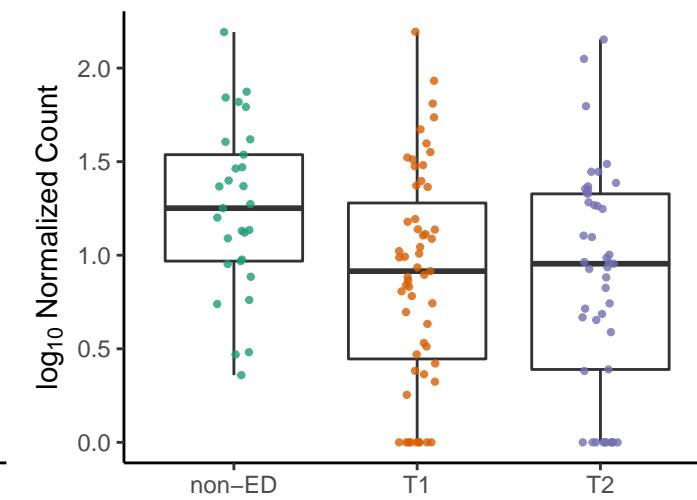
### Ehrlichia ruminantium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.87



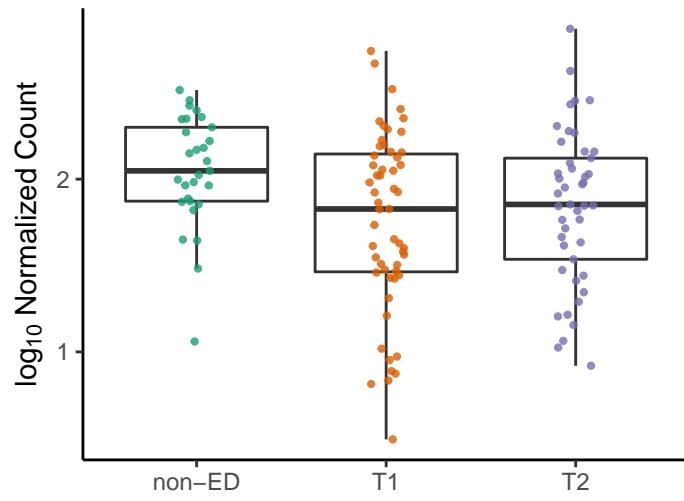
### Borrelia duttonii

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.94



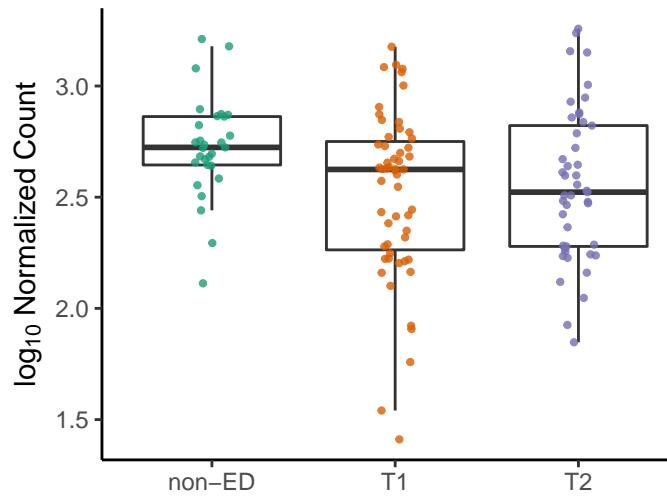
### Streptomyces lunaelactis

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.85



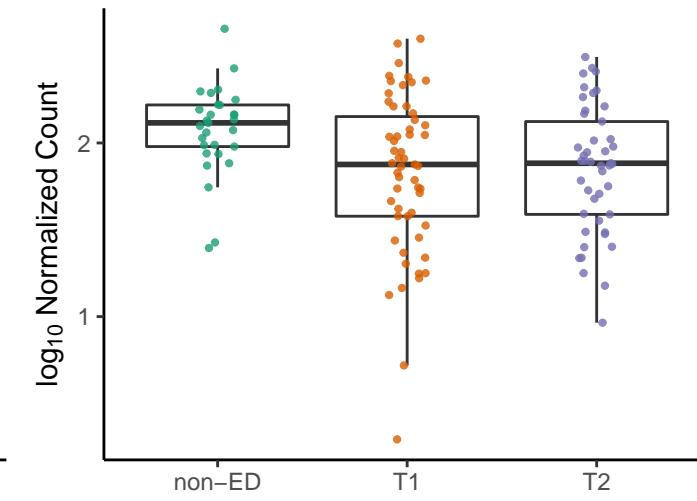
### Pseudomonas chlororaphis

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.85



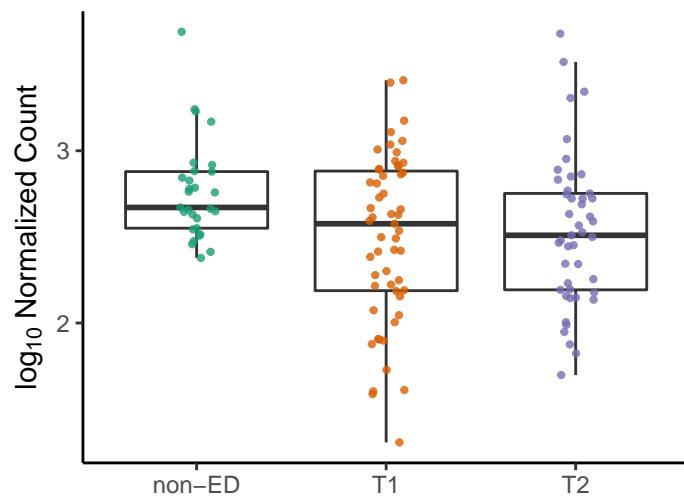
### Unclassified Desulfotomaculum Genus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.91



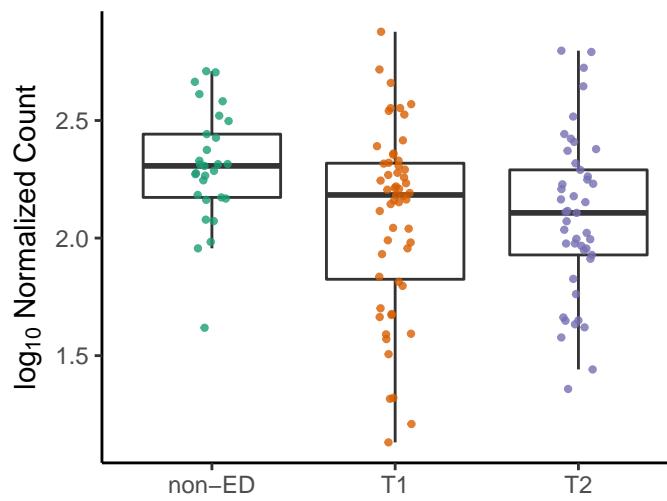
### Dehalococcoides mccartyi

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.87



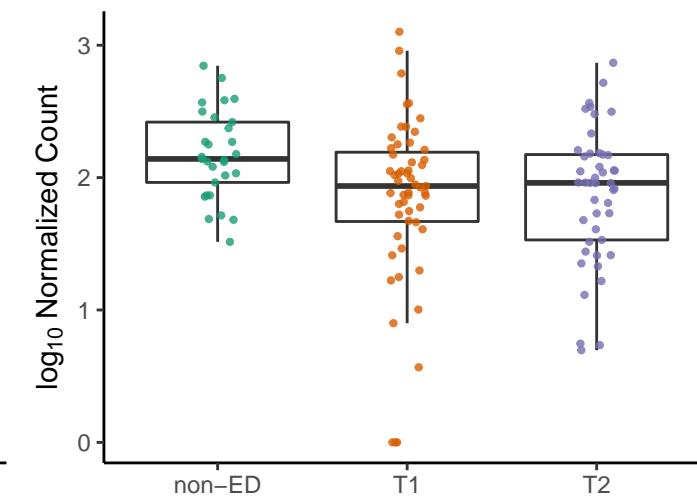
### Serratia plymuthica

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.87



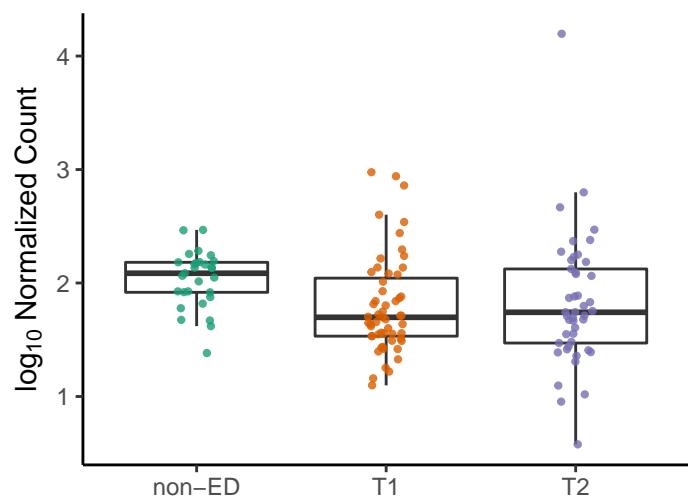
### Ectothiorhodospira haloalkaliphila

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.87



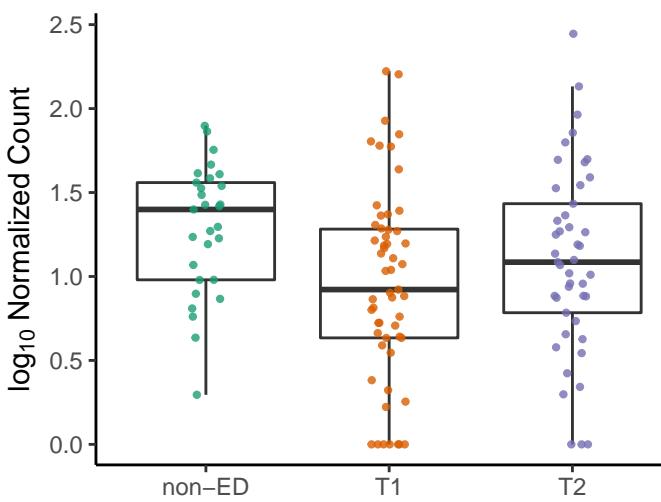
### *Enterococcus thailandicus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.87



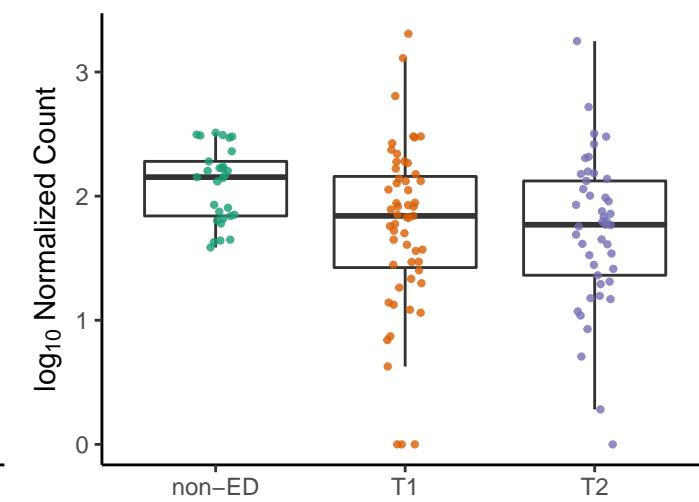
### *Kitasatospora aureofaciens*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



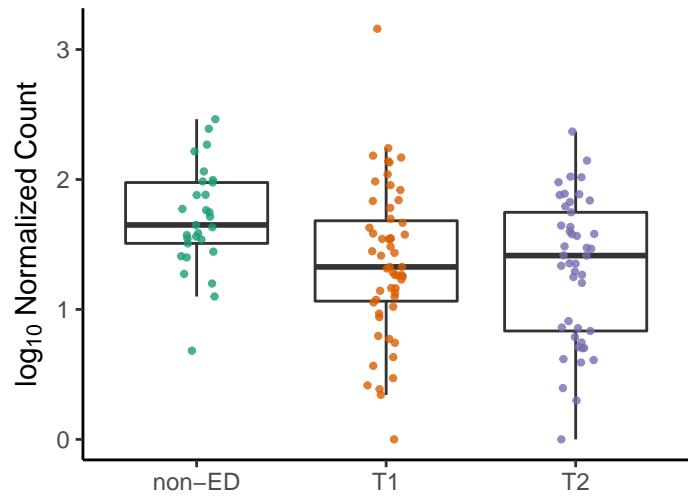
### *Rhodanobacter glycinis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.91



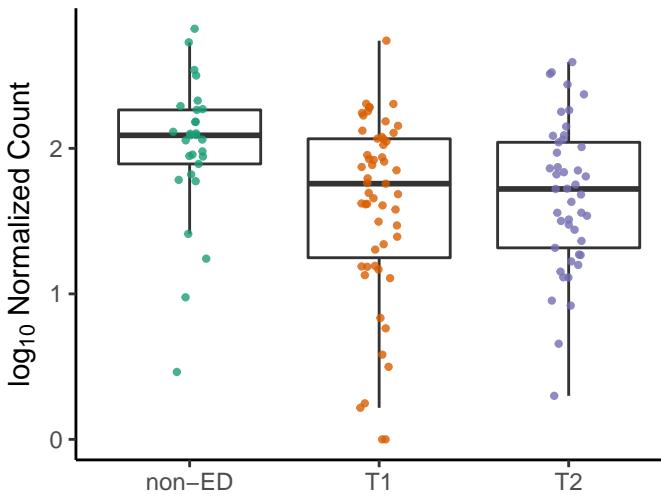
### *Pseudomonas arsenicoxydans*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.95



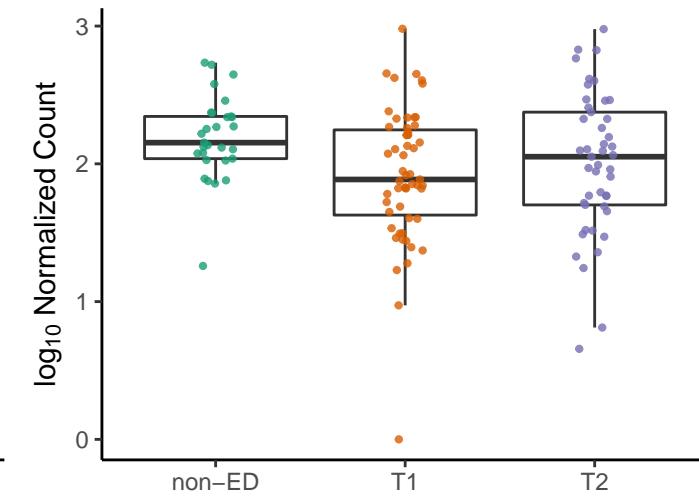
### Unclassified Frankia Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



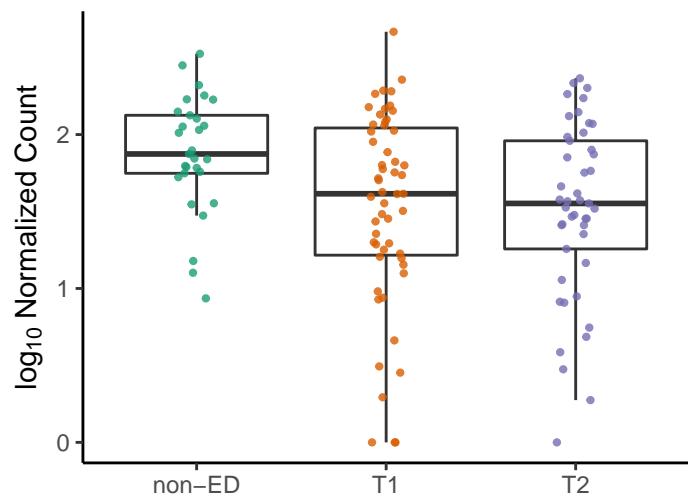
### Actinomyces sp. 2129

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.85



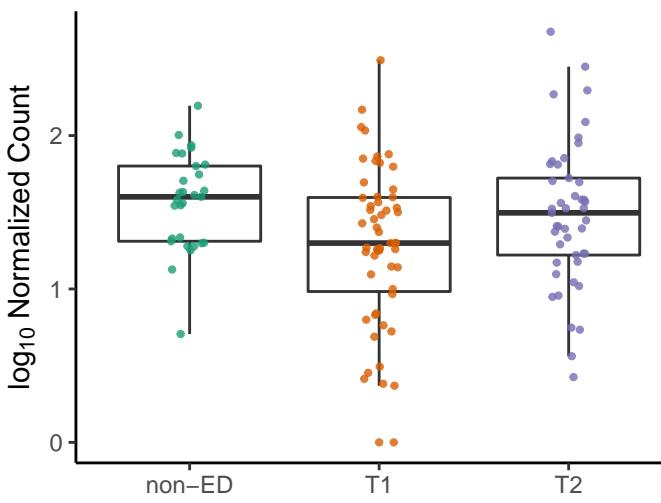
### Unclassified Intrasporangiaceae Family

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



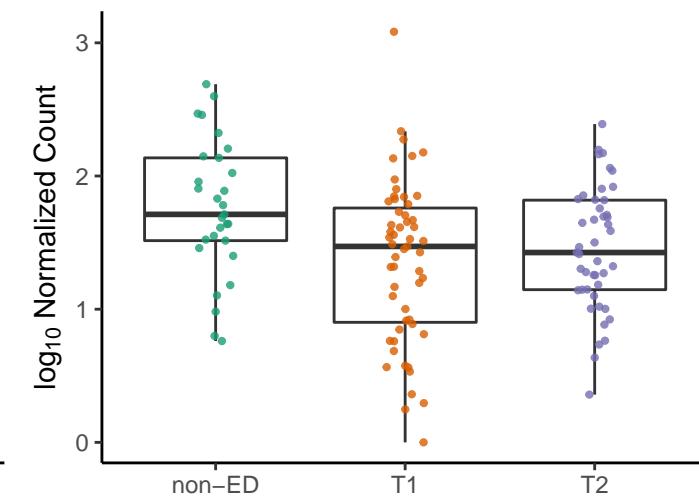
### *Komagataeibacter nataicola*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.75



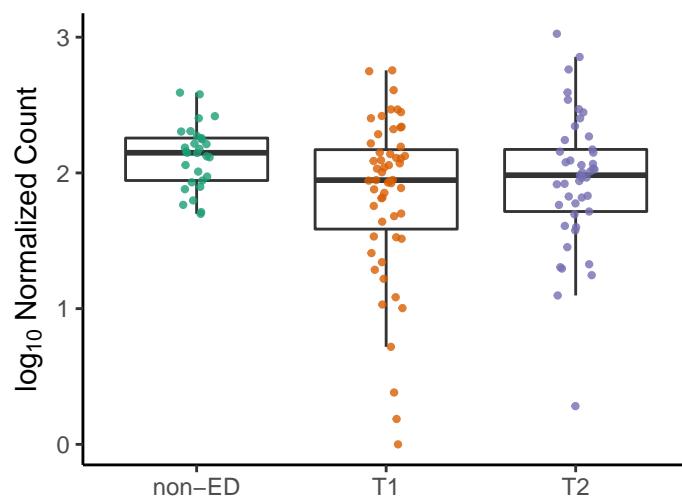
### *Natronococcus occultus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



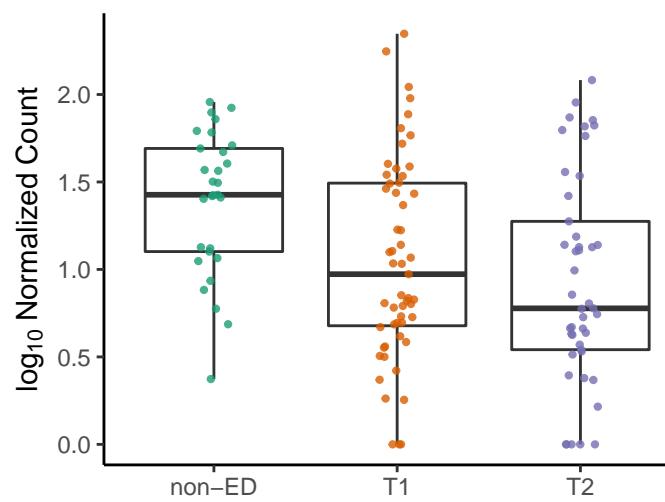
### *Marinithermus hydrothermalis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.85



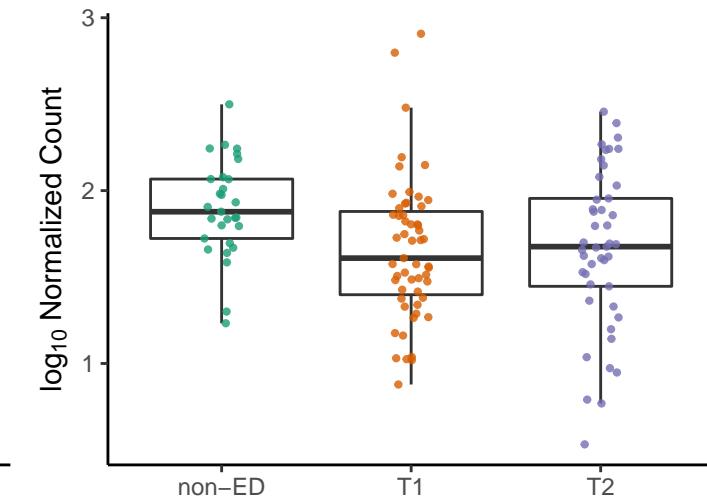
### *Spiroplasma sp. BIUS-1*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.85



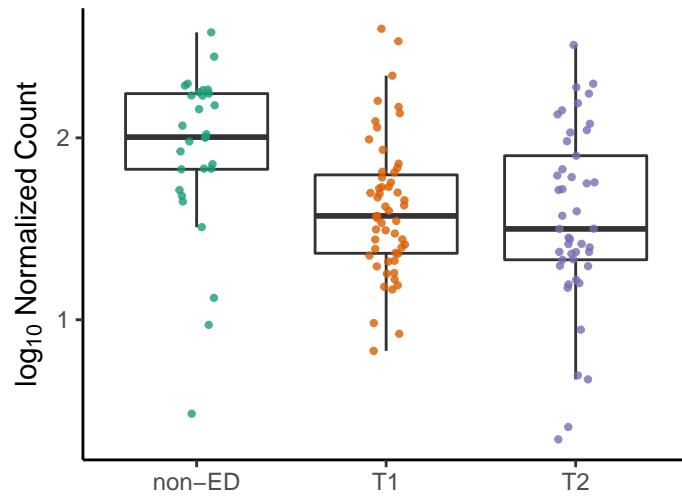
### *Chryseobacterium joostei*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.98



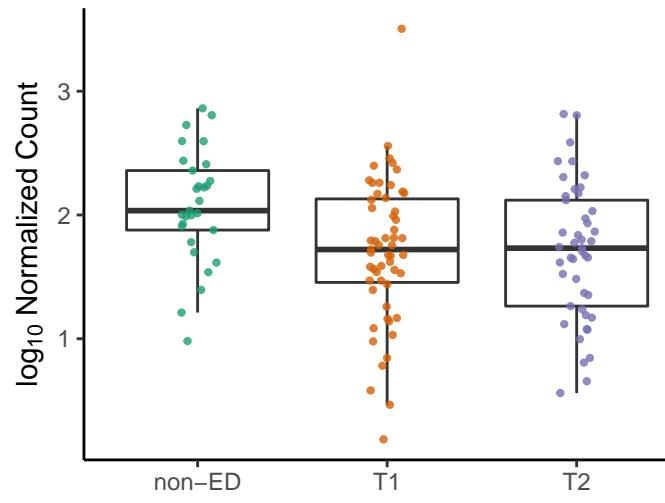
### *Staphylococcus felis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.88



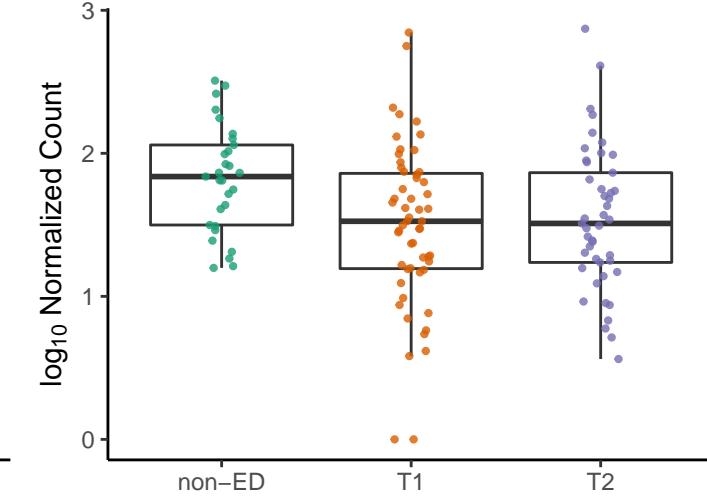
### *Bradyrhizobium sp.*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



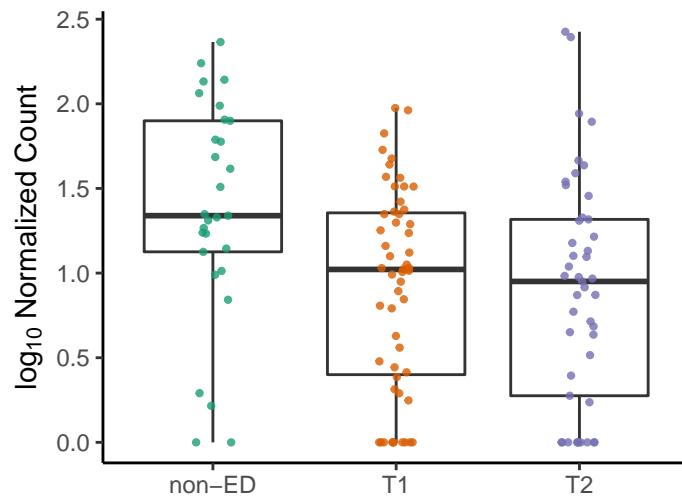
### *Leucobacter sp. HDW9C*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



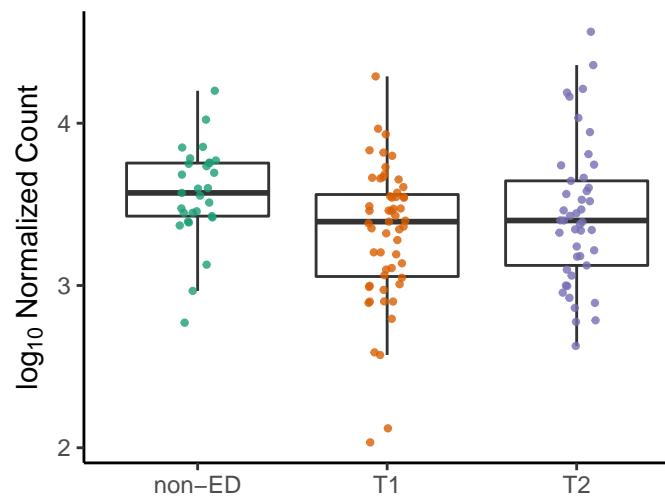
### *Pseudomonas sp. DTU12.1*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.97



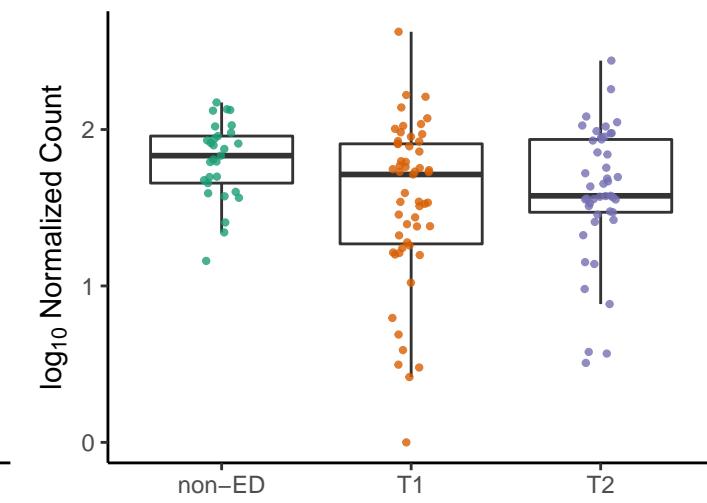
### *Ruminococcaceae bacterium CPB6*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



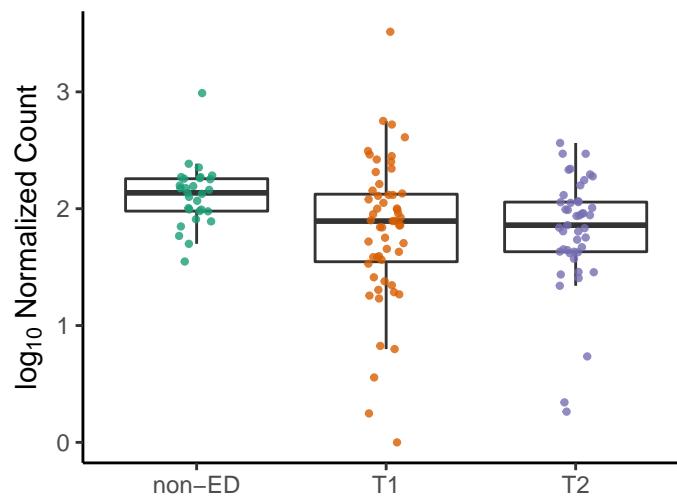
### *Chryseobacterium sp. H3001*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



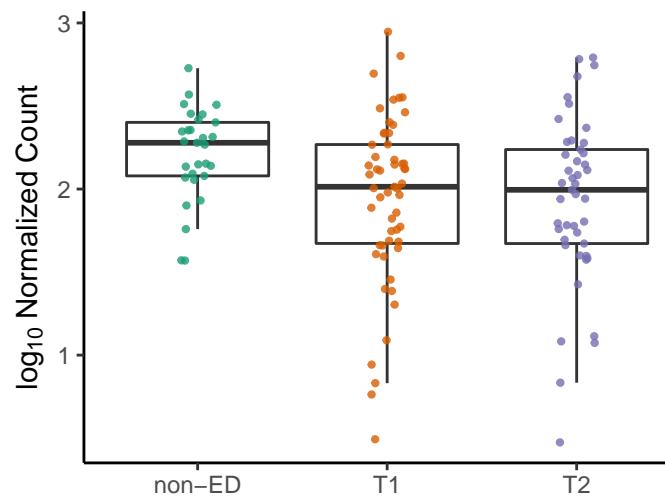
### *Flavobacterium album*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.93



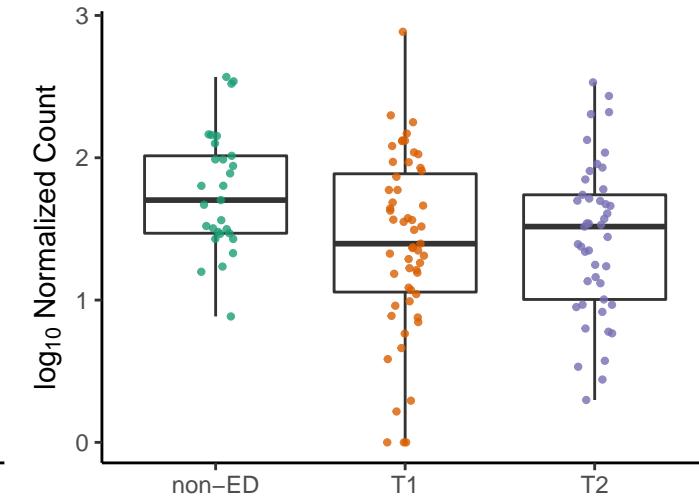
### *Desulfoglaeba alkanexedens*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.96



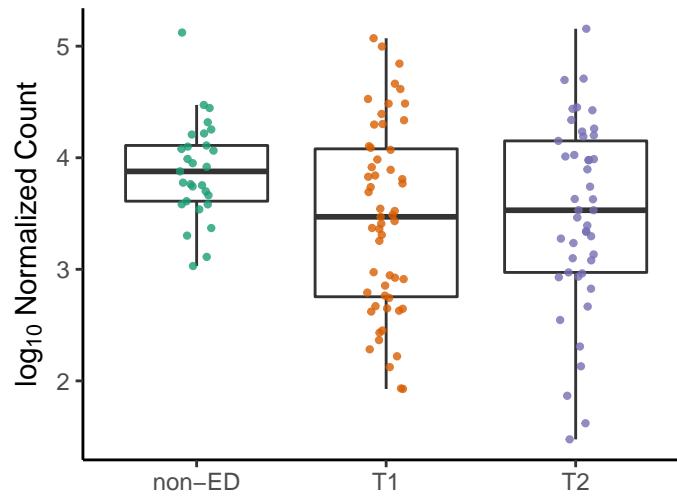
### *Plantibacter sp. PA-3-X8*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



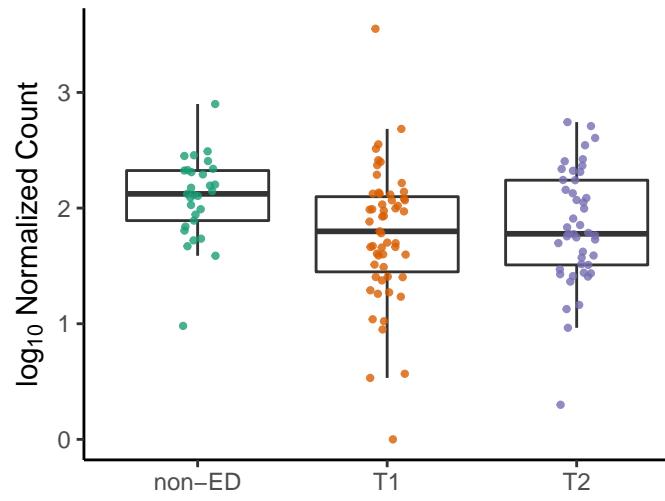
### *Schaalia odontolytica*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



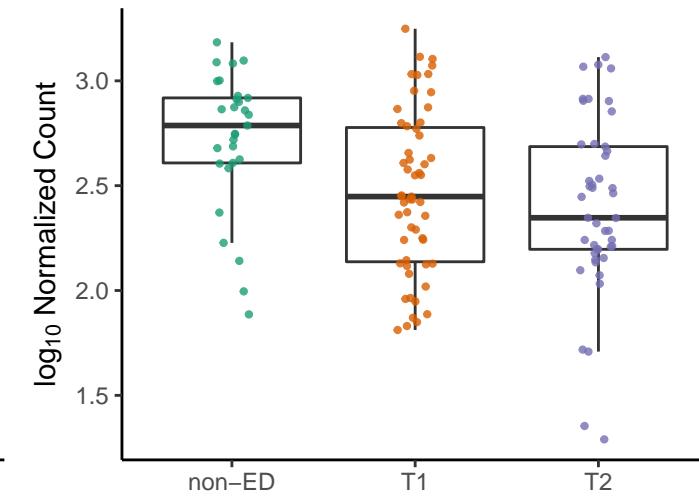
### *Streptomyces sp. Tu 2975*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



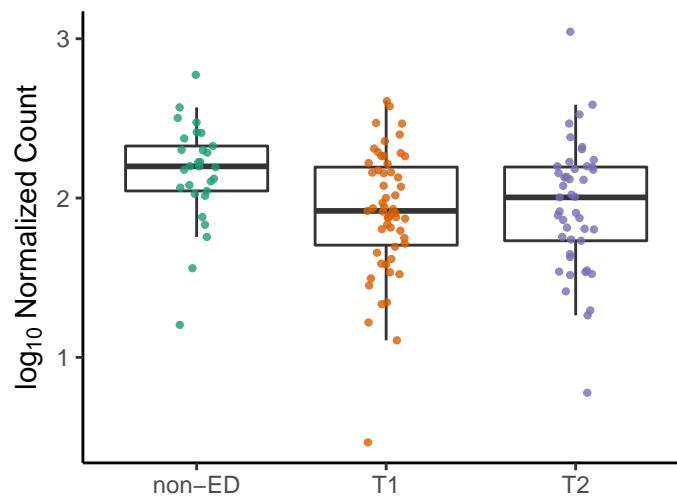
### *Clostridium novyi*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.85



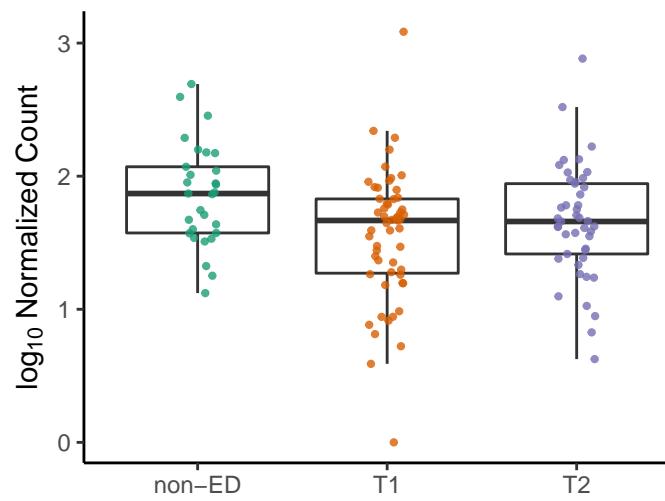
### *Lactobacillus zymae*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



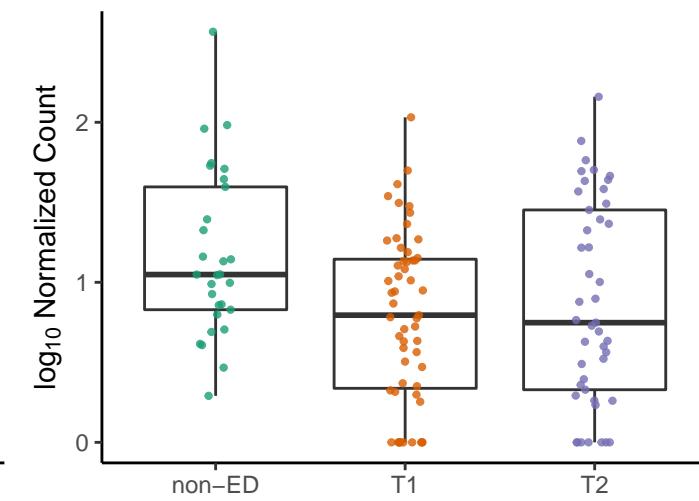
### *Corynebacterium aurimucosum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.85



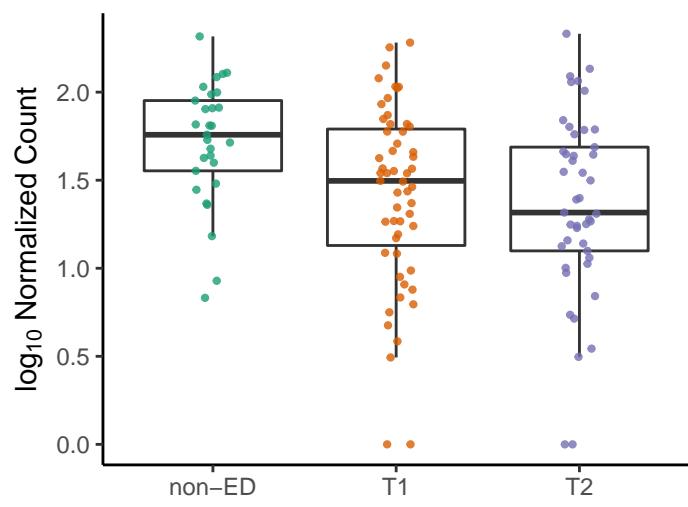
### *Salinivibrio costicola*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.85



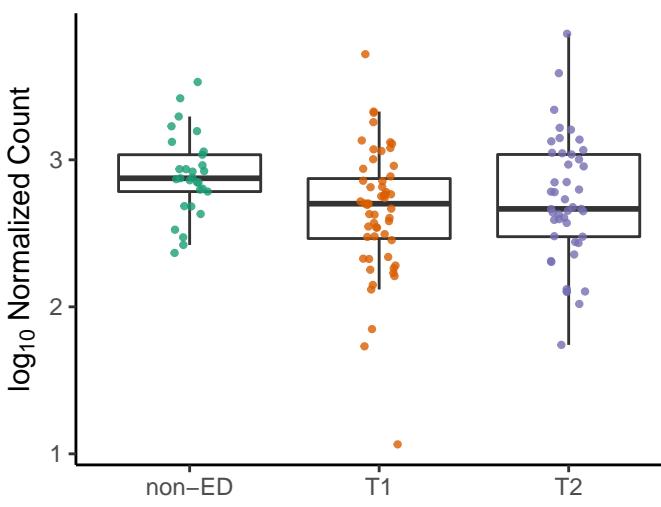
### *Chlorobium chlorochromatii*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.95



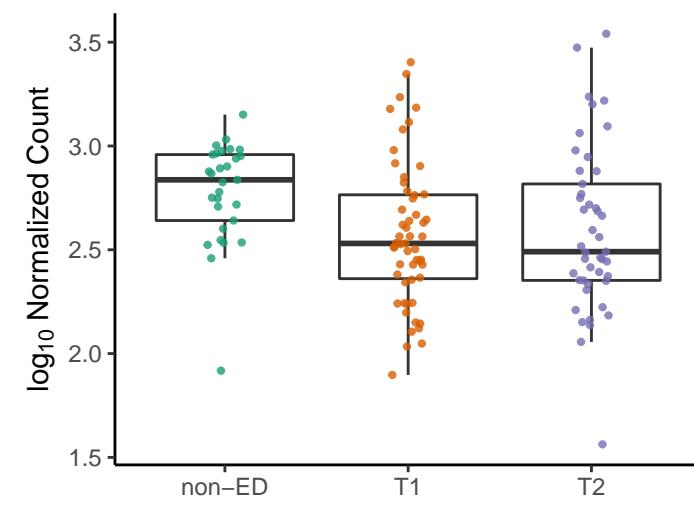
### *Paenibacillus* sp. B01

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



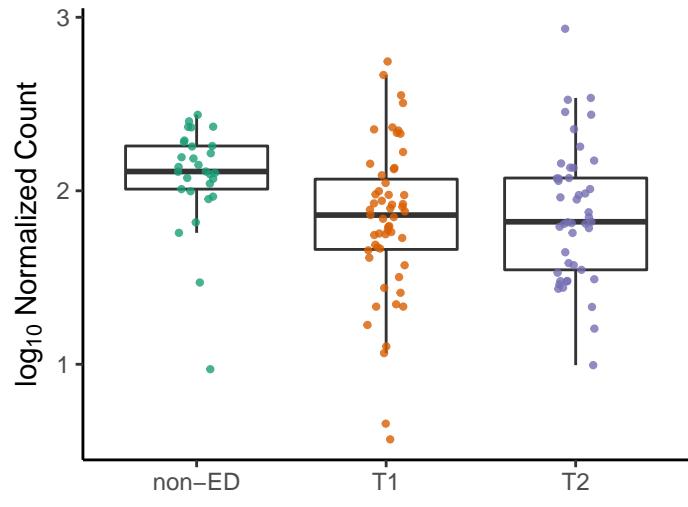
### *Ruminiclostridium cellulolyticum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.95



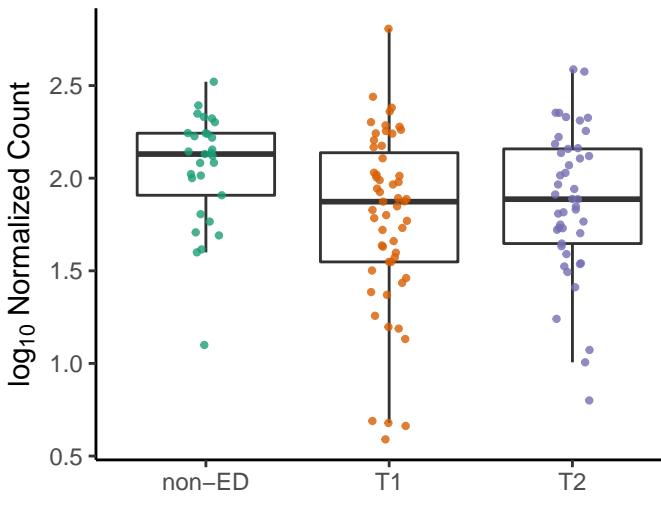
### *Virgibacillus phasianinus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



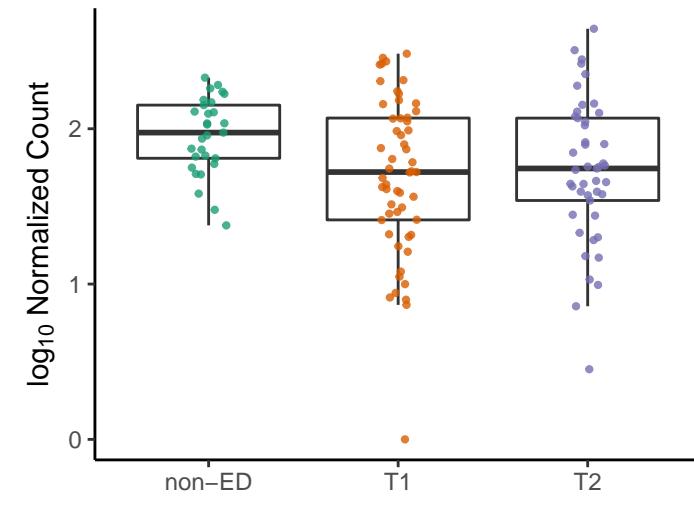
### *Mycobacterium colombiense*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



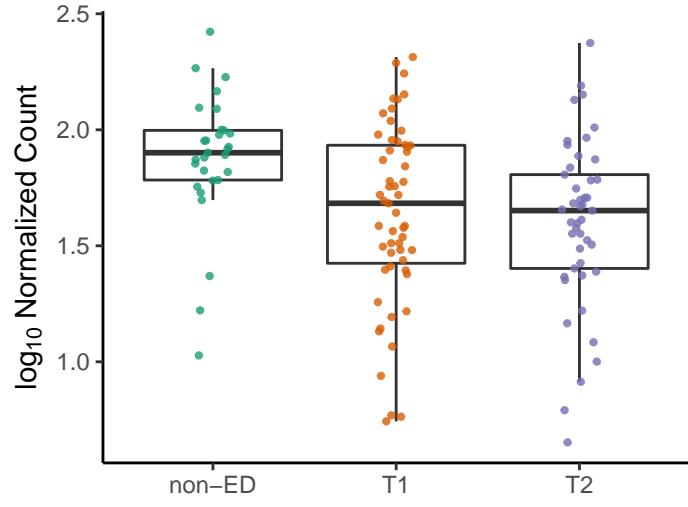
### *Rhodococcus* sp. MTM3W5.2

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.87



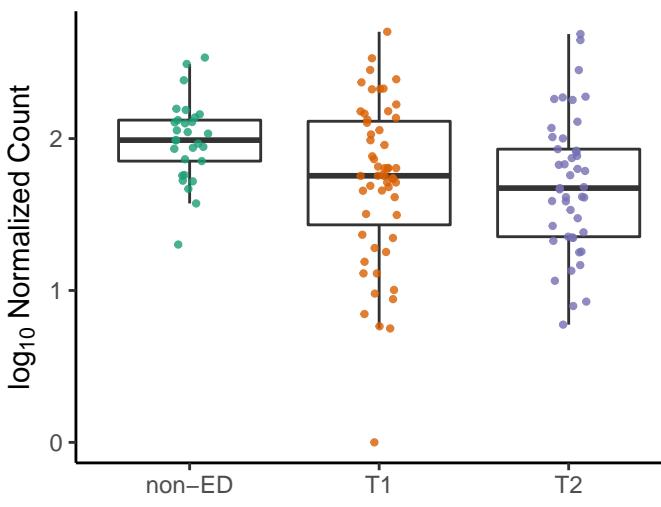
### *Tenacibaculum dicentrarchi*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



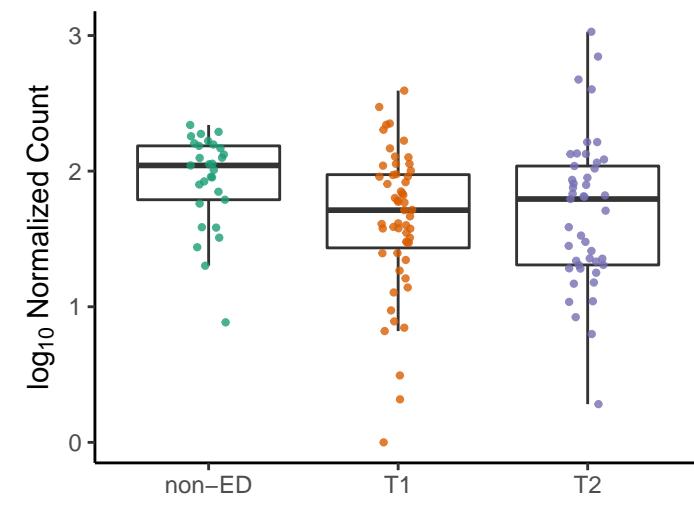
### *Aquitalea* sp. THG-DN7.12

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0074  
 T1 vs. T2 adjusted p = 0.97



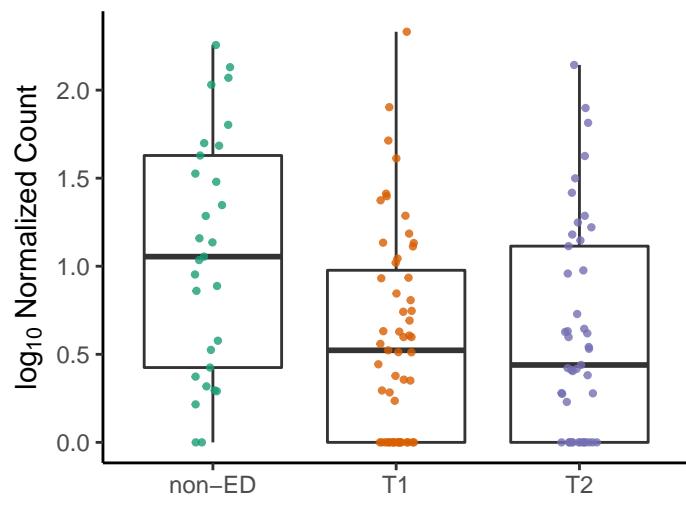
### *Rathayibacter festucae*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



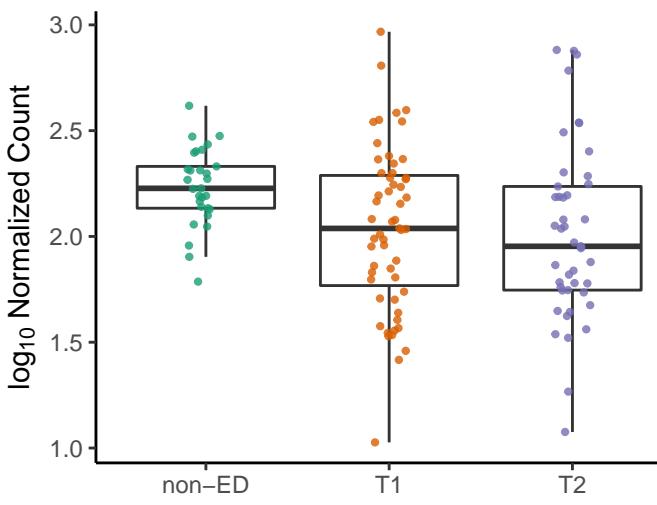
### *Streptomyces* sp. SM17

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.91



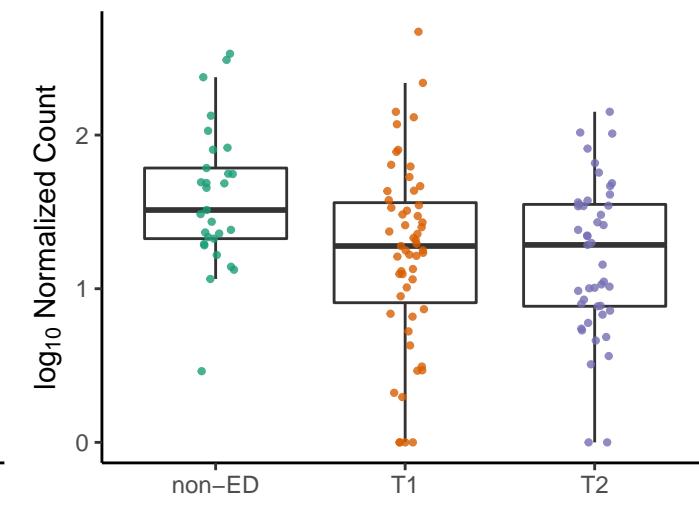
### Unclassified Brenneria Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



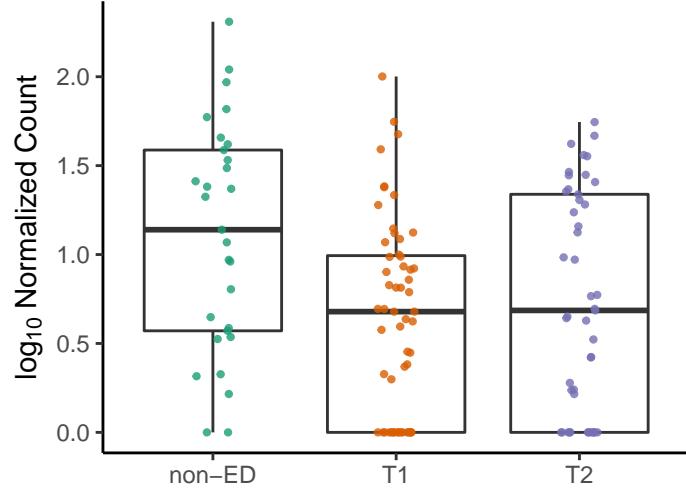
### Unclassified Collimonas Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.97



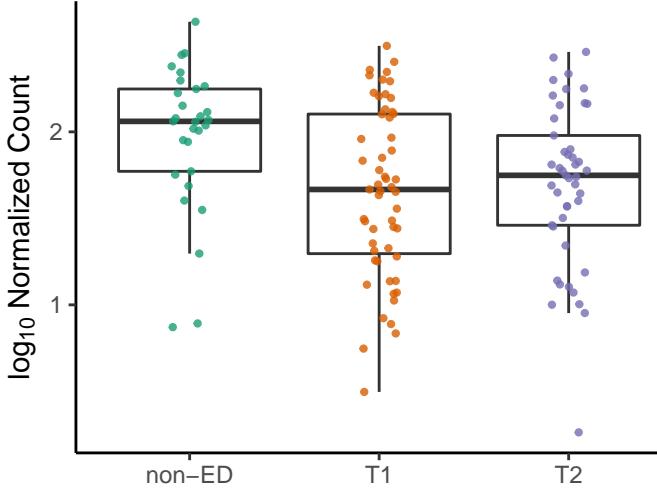
### *Achromobacter ruhlandii*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



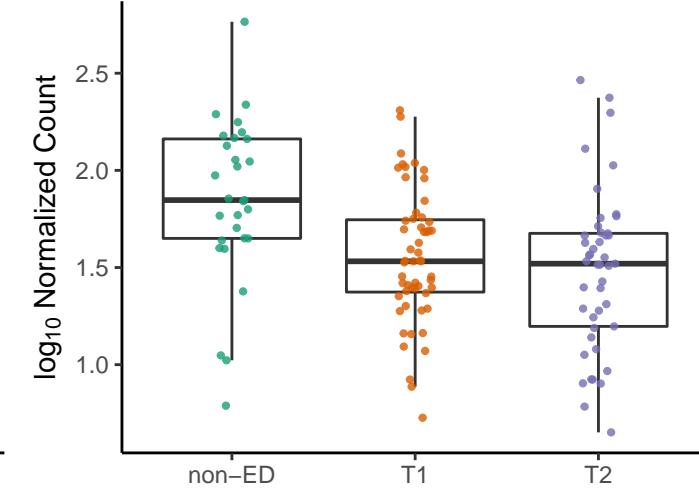
### *Sedimentitalea* sp. W43

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



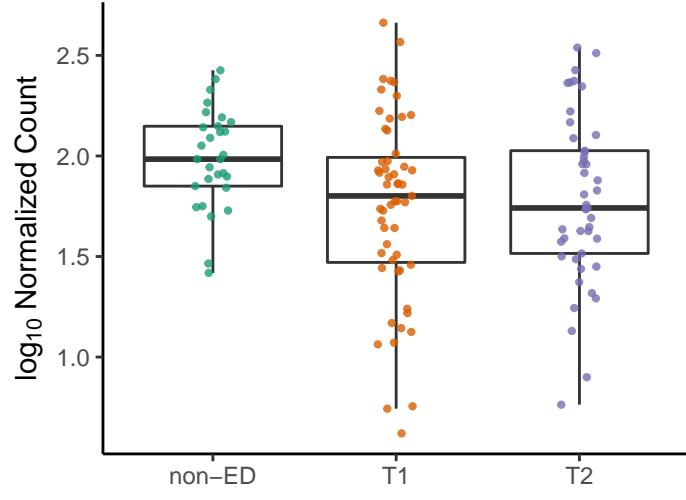
### *Sulfurihydrogenibium* sp. YO3AOP1

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.86



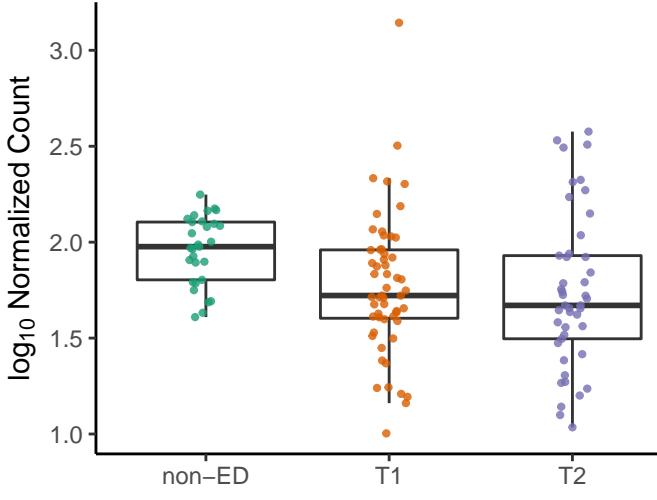
### *Terasakiella* sp. SH-1

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



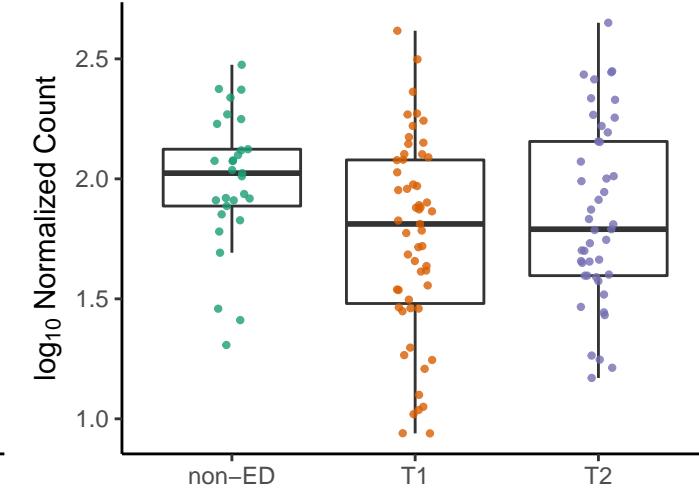
### *Xenorhabdus bovienii*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



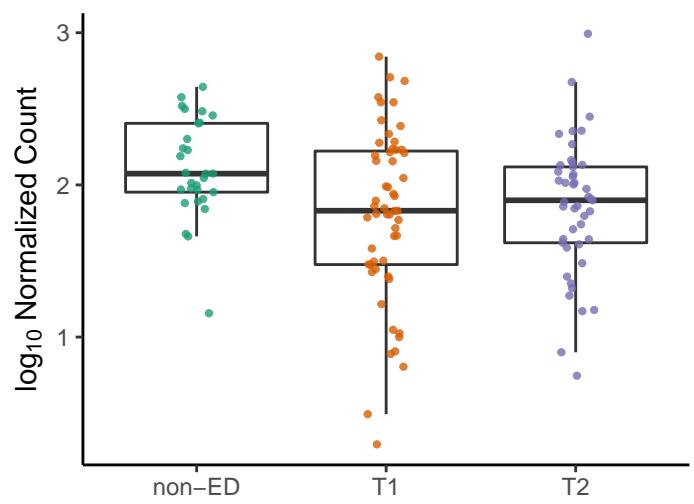
### *Moorea* producens

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



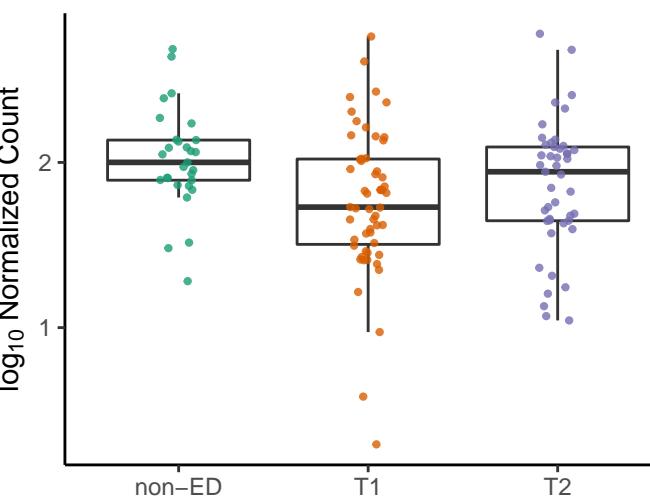
### *Streptomyces albireticuli*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



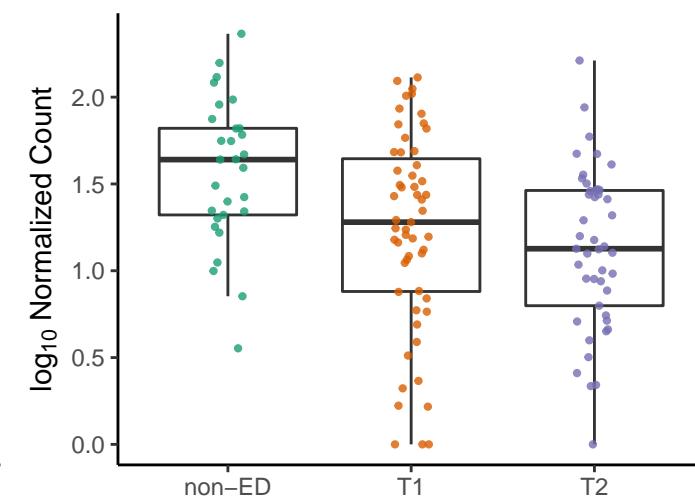
### *Actinobaculum sp. 313*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.85



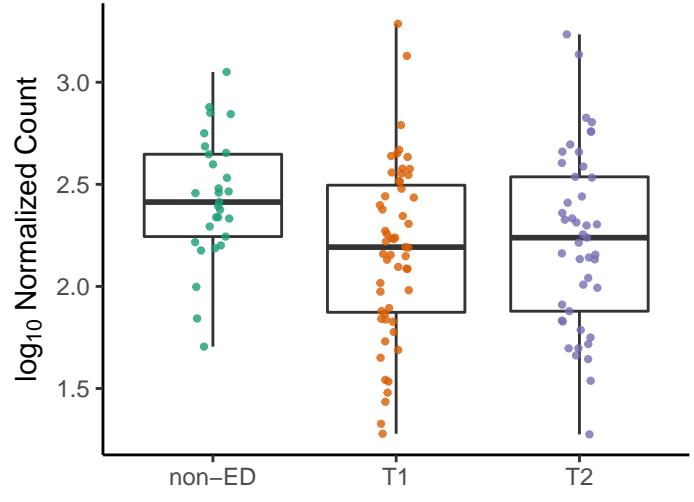
### *Allofrancisella guangzhouensis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



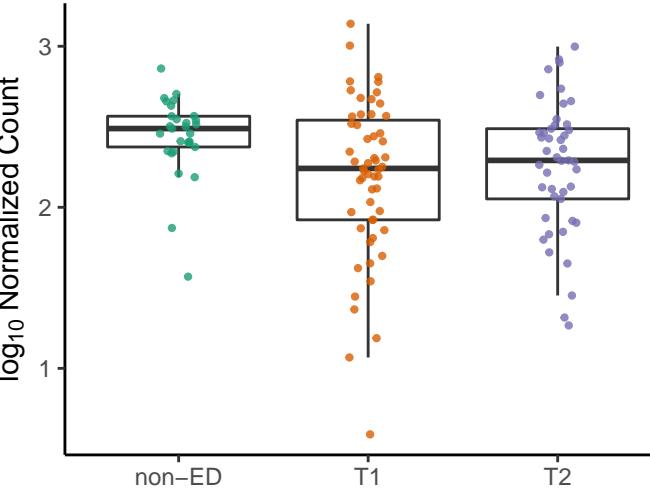
### *Burkholderia cenocepacia*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



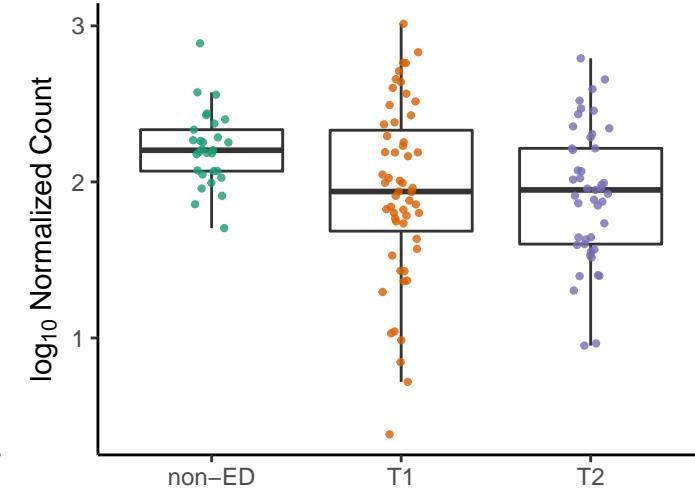
### *Cystobacter fuscus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



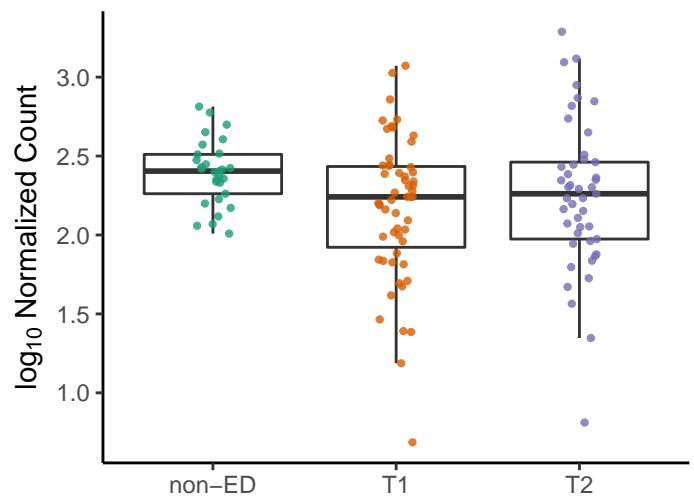
### *Ereboglobus luteus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0058  
 T1 vs. T2 adjusted p = 0.99



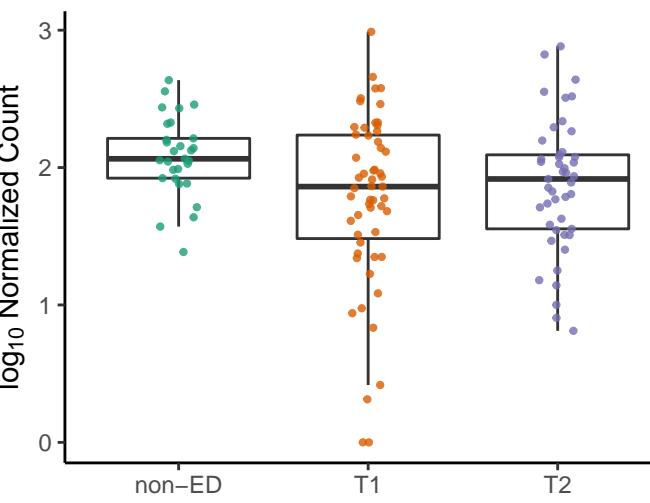
### *Streptomyces bingchenggensis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



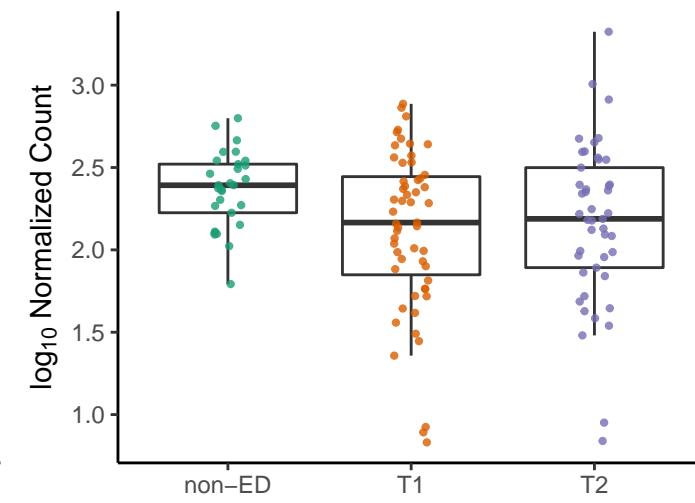
### *Streptomyces qinzhouensis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



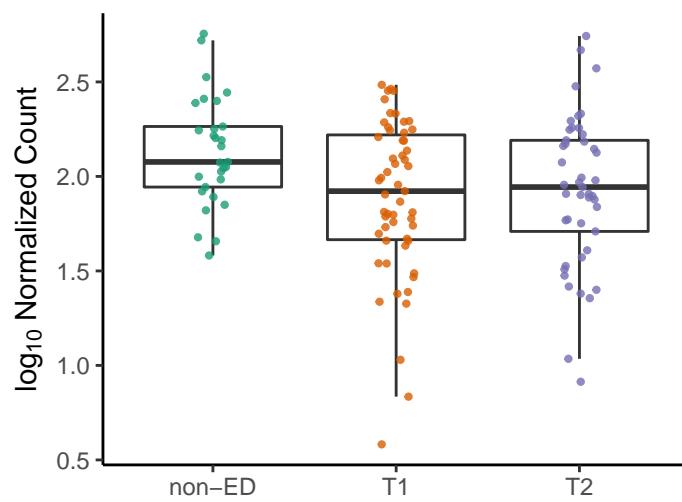
### Unclassified Mycolicibacterium Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.85



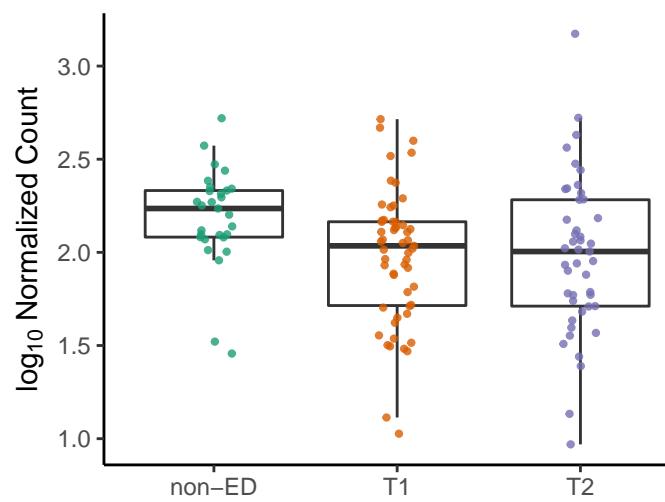
### *Yarrowia lipolytica*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



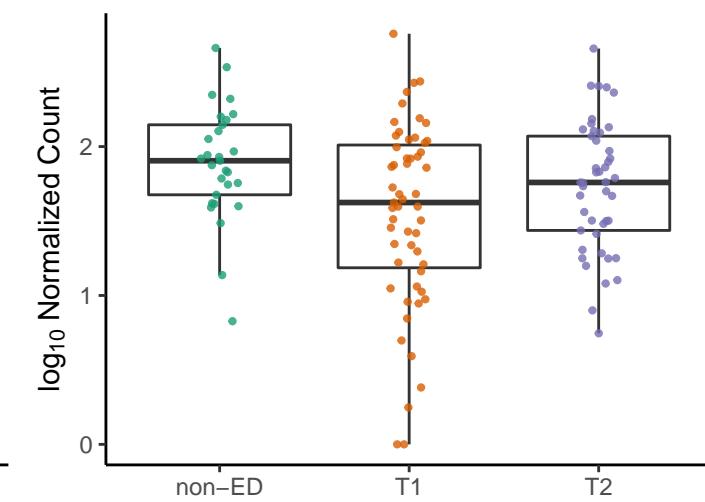
### *Zymoseptoria tritici*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



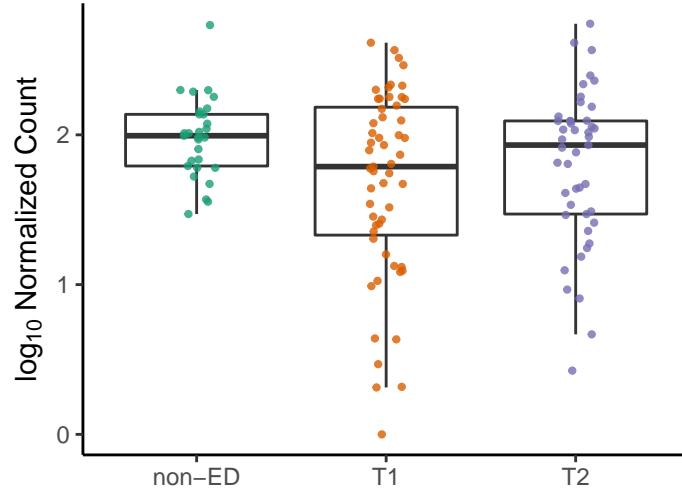
### *Mesorhizobium australicum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



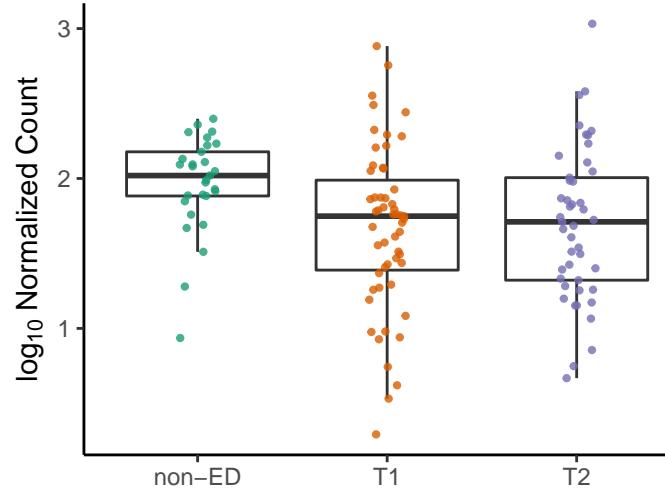
### *Methylosinus sp. C49*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.85



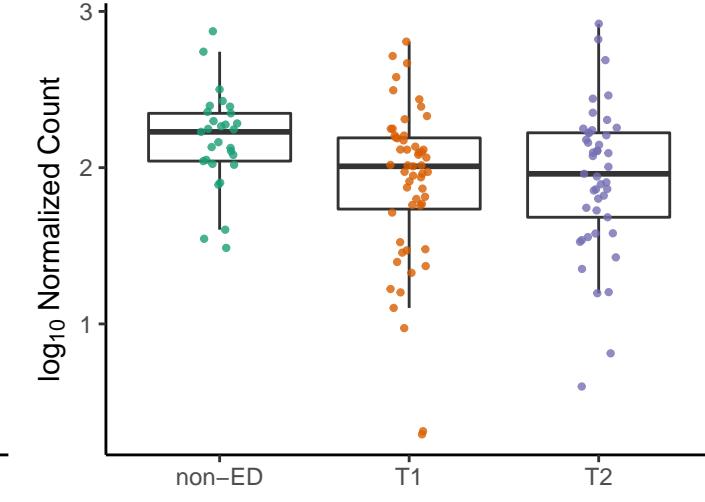
### *Cellulomonas gilvus*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.95



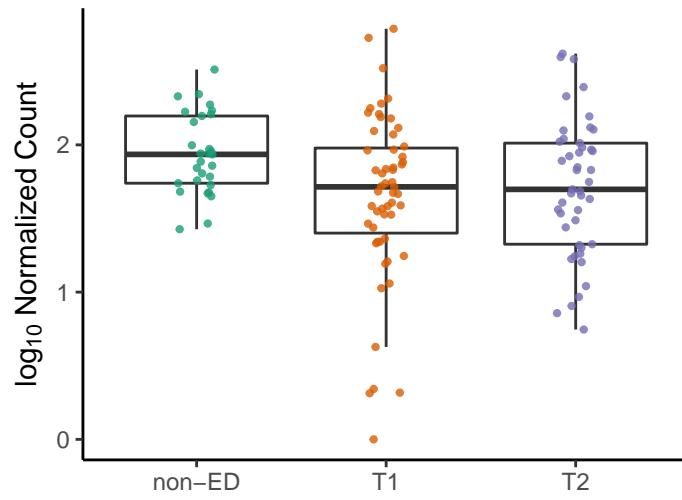
### *Janthinobacterium sp. 1\_2014MBL\_MicD*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.86



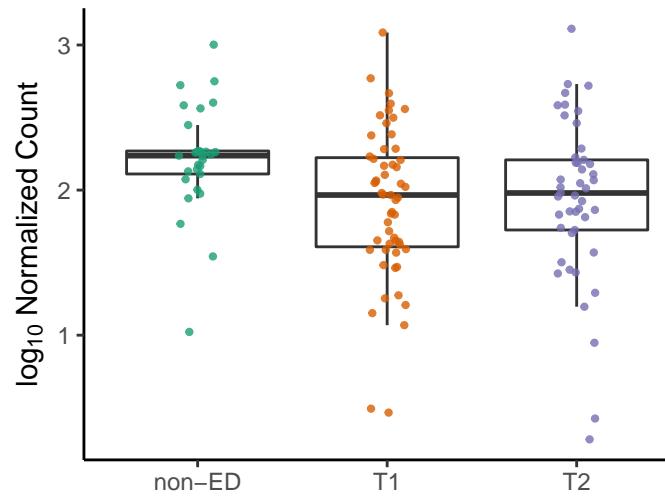
### *Sphingomonas hengshuiensis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.87



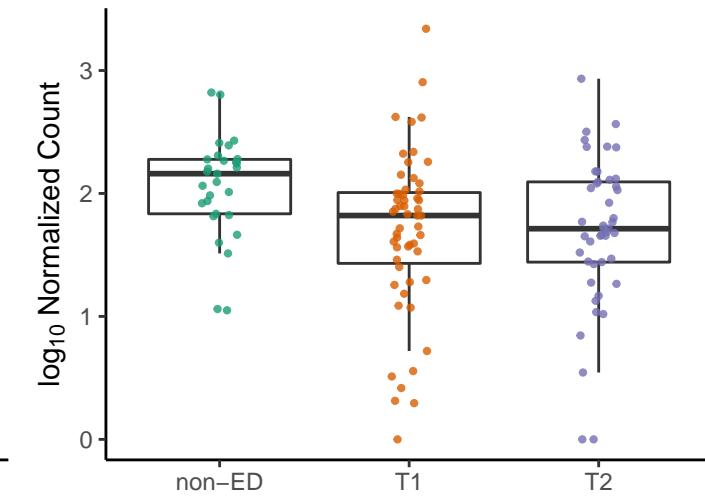
### *Paraburkholderia sp. DHF22*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.86



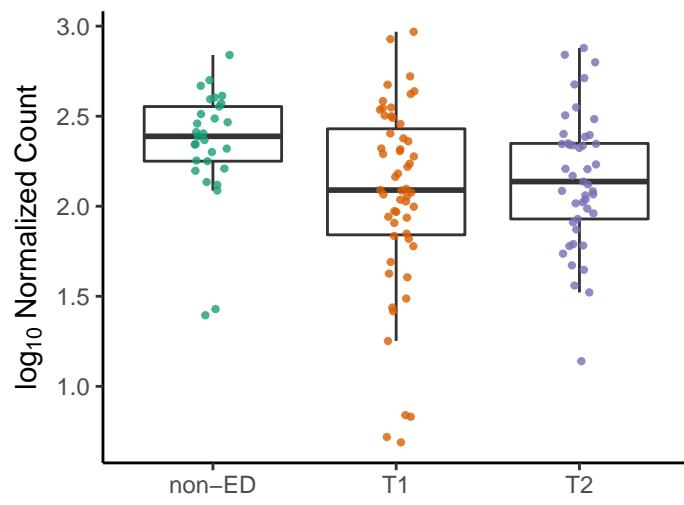
### *Serpentinomonas raichei*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



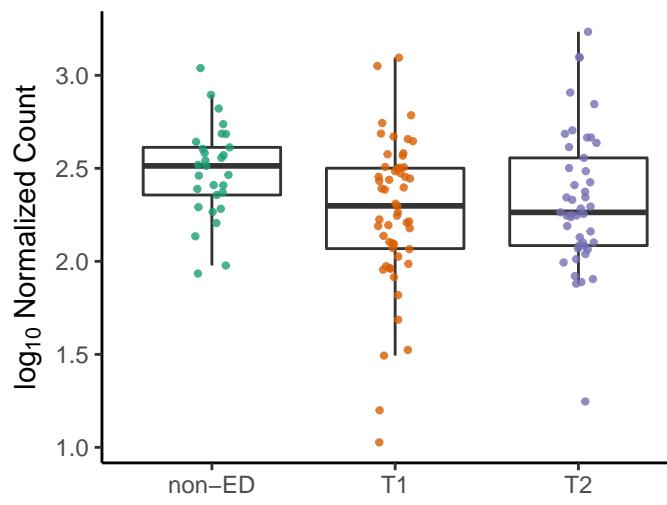
### *Actinomadura amyloytica*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



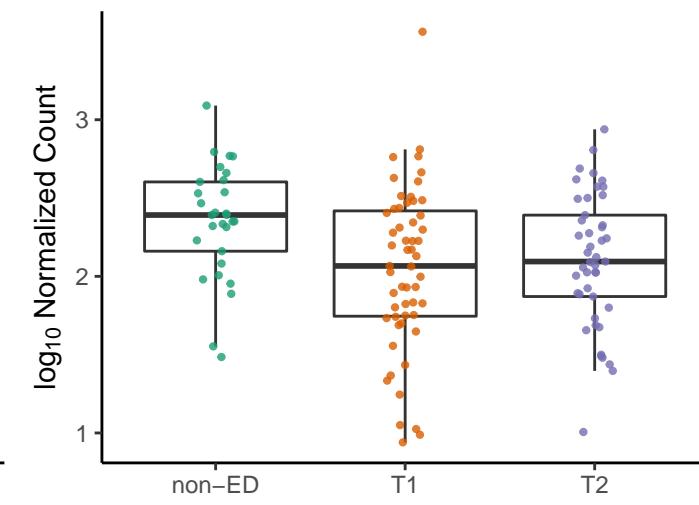
### *Staphylospora marina*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.85



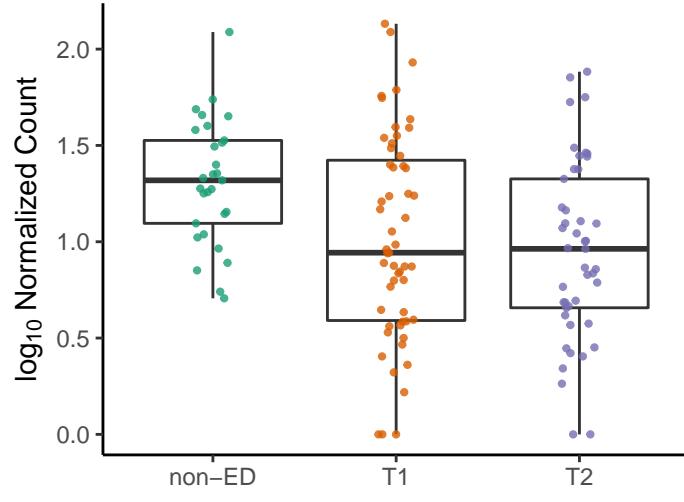
### *Xanthomonas translucens*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



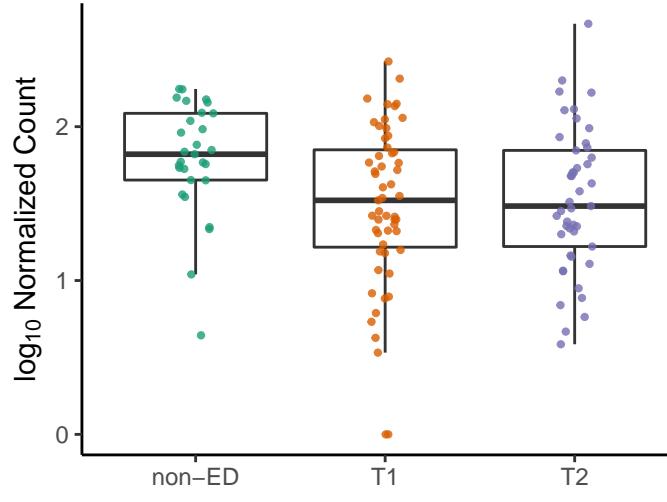
### *Candidatus Midichloria mitochondrii*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.004  
 T1 vs. T2 adjusted p = 0.85



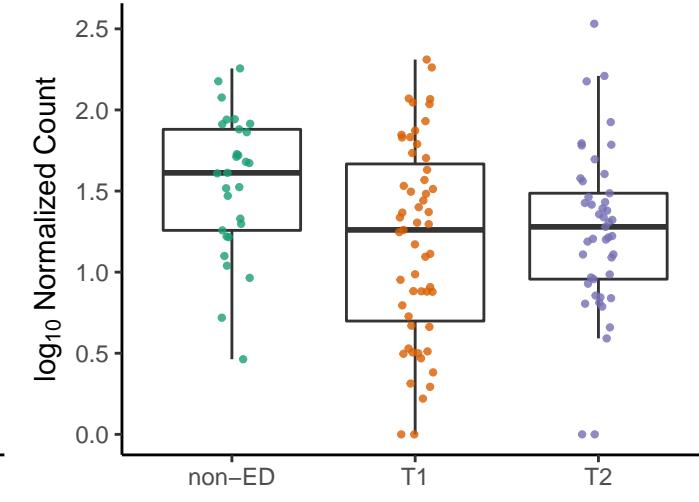
### *Corynebacterium pelargi*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.87



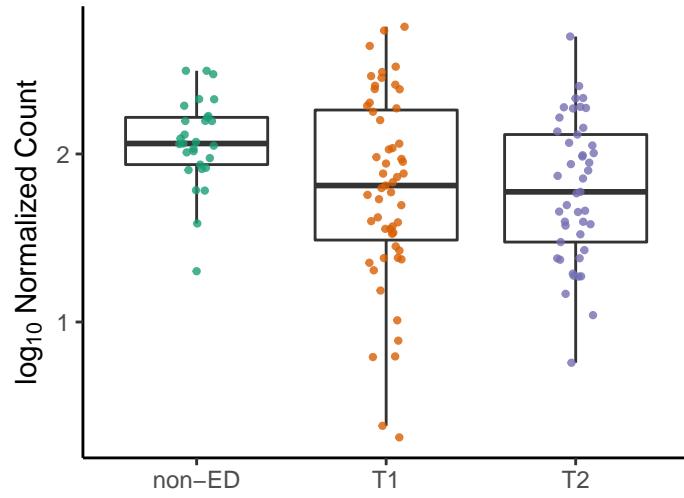
### *Halorubrum lacusprofundi*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



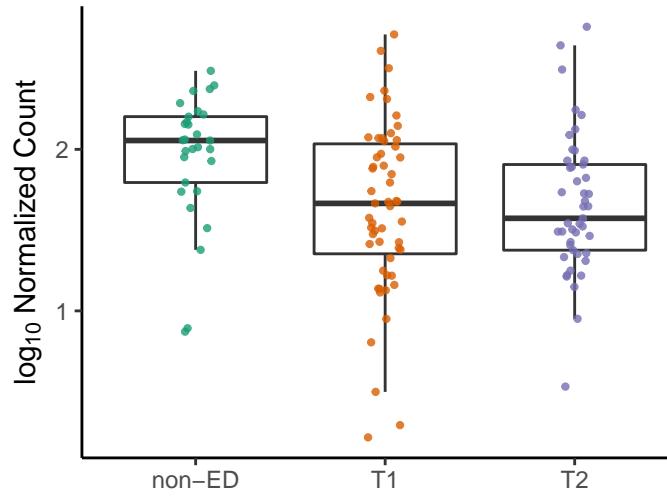
### *Yangia pacifica*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.9



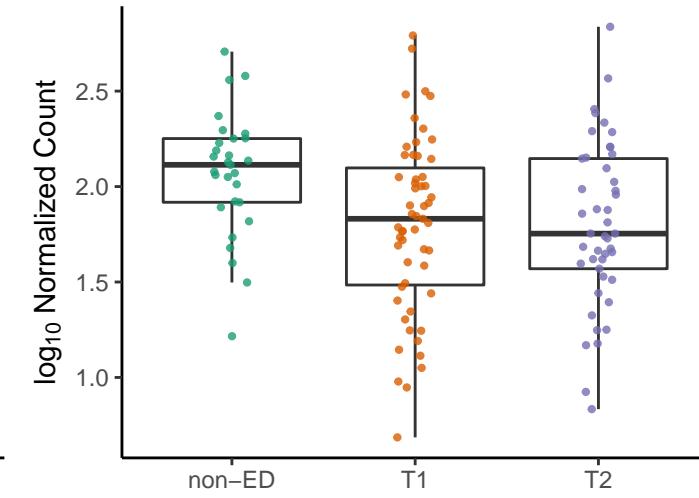
### *Acetobacteraceae bacterium*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.95



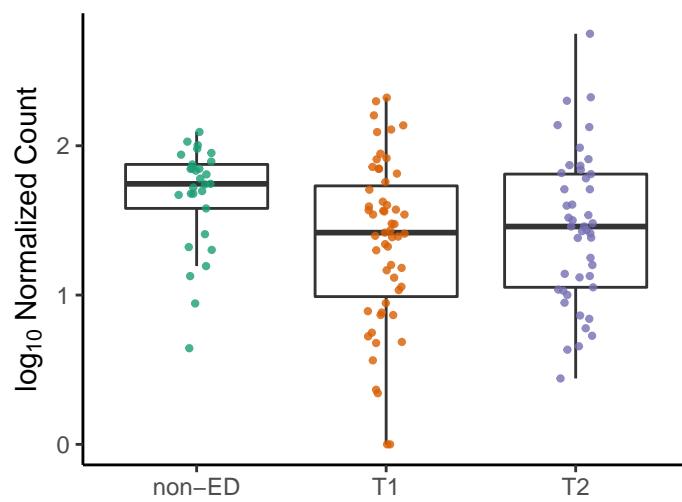
### *Chlorobium phaeovibrioides*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.87



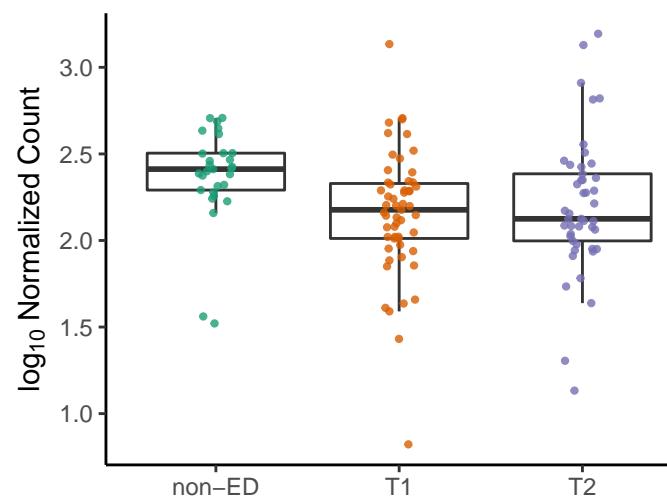
### *Halogeometricum borinquense*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



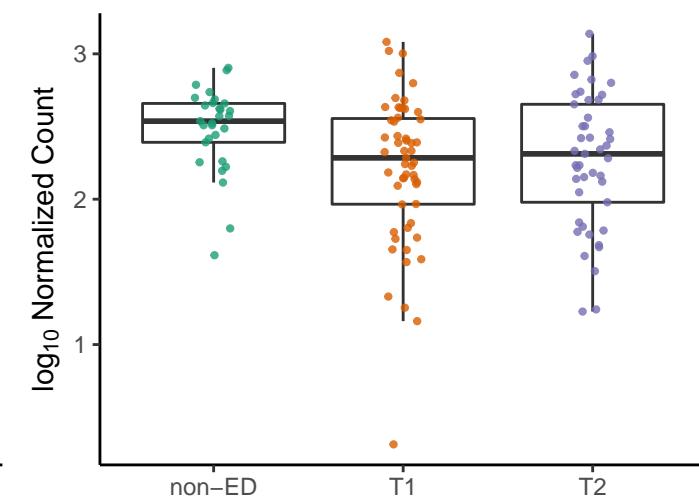
### *Bacillus jeotgali*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.86



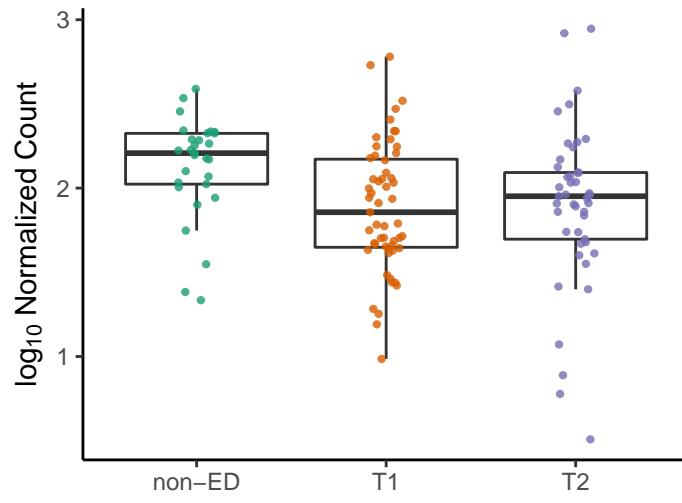
### *Desulfarculus baarsii*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.85



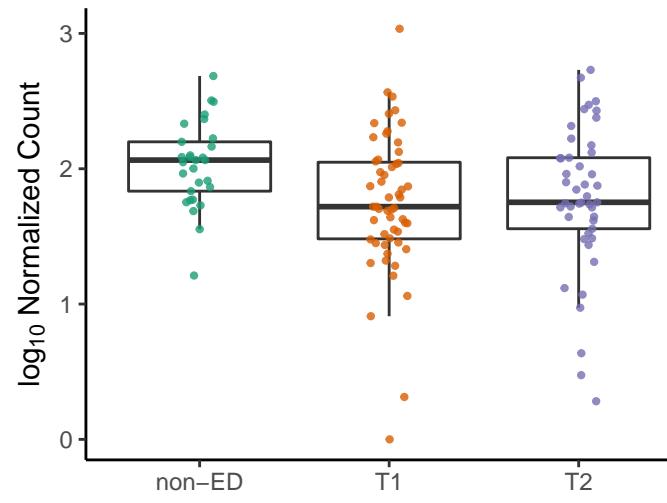
### *Jeotgalicoccus saudimassiliensis*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.95



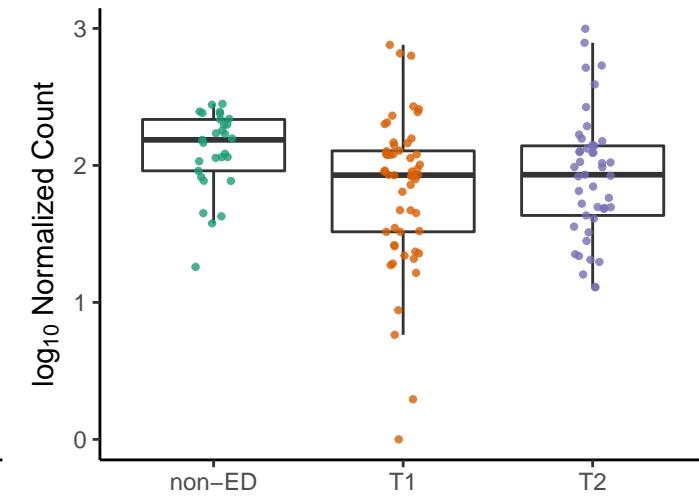
### *Pseudomonas* sp. ATCC 13867

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



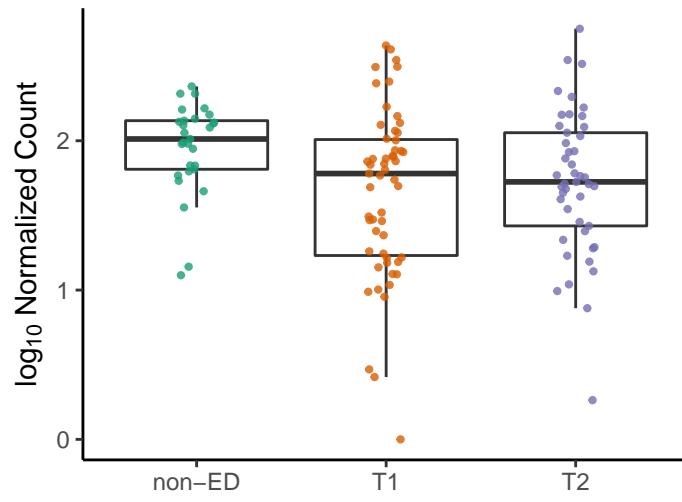
### *Rubrobacter radiotolerans*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



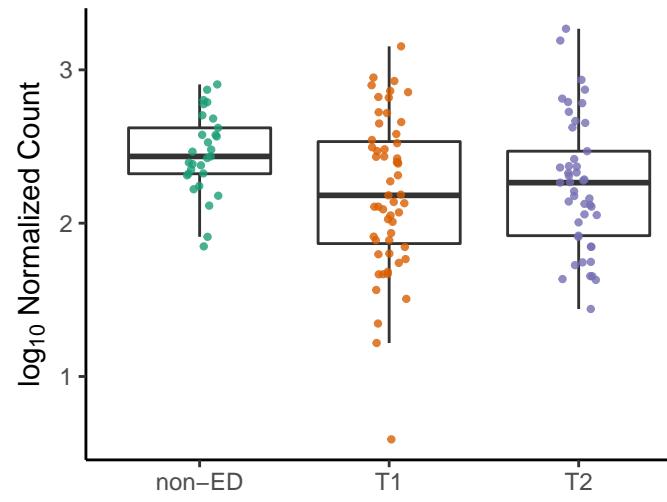
### *Sphingopyxis* sp. 113P3

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.85



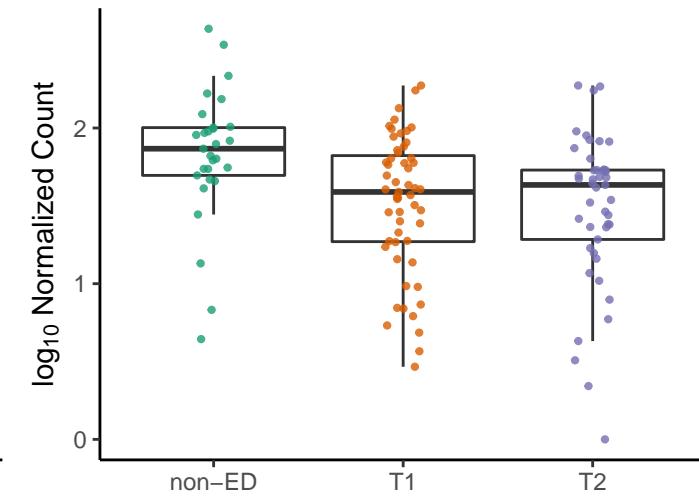
### Unclassified *Anaeromyxobacter* Genus

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



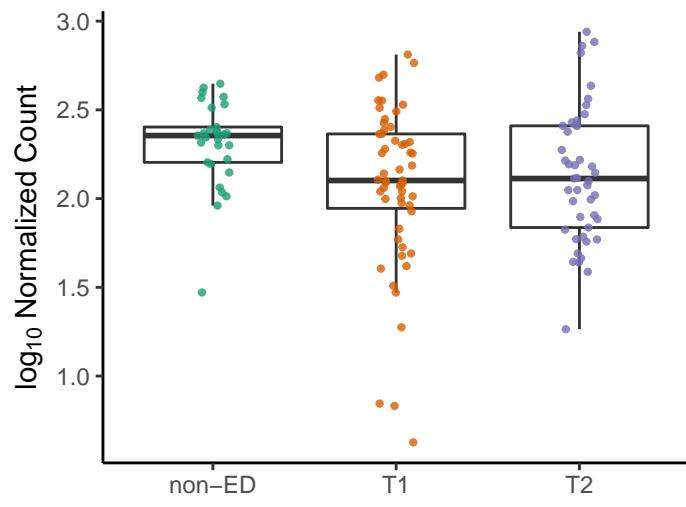
### *Nostoc* flagelliforme

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.91



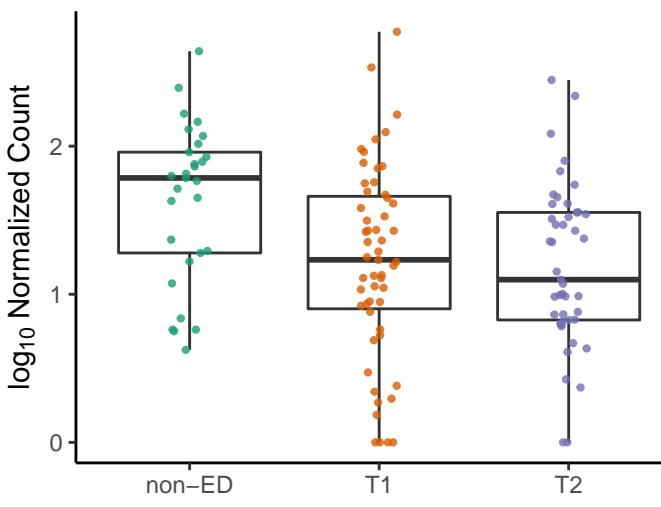
### *Arthrobacter alpinus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



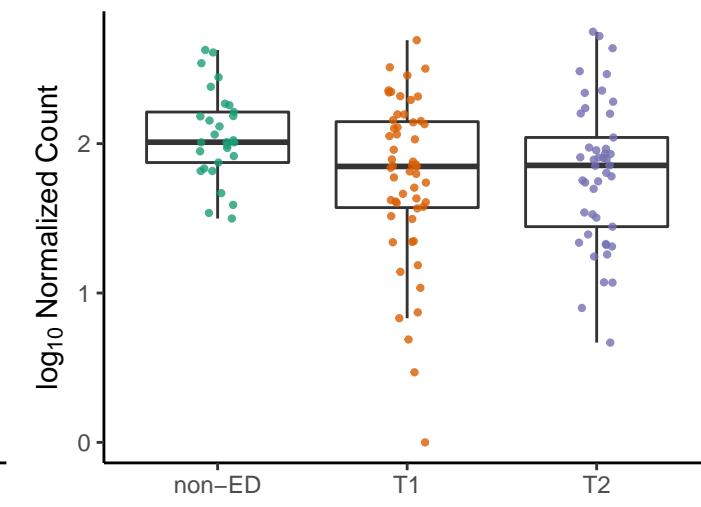
### *Plantactinospora* sp. BB1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.96



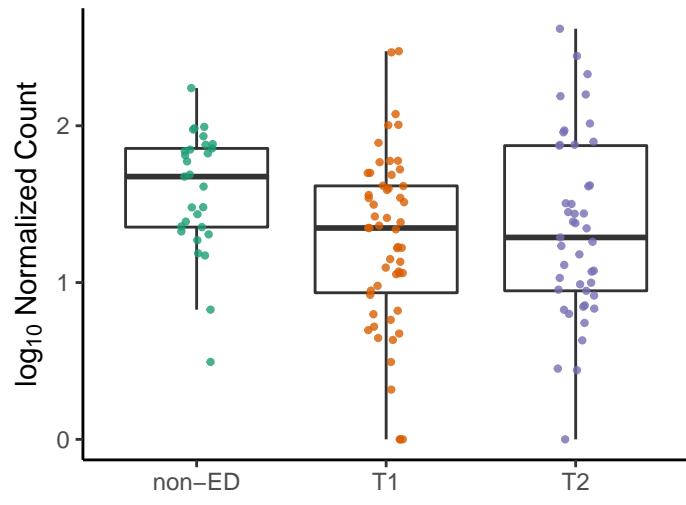
### *Thauera chlorobenzoica*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



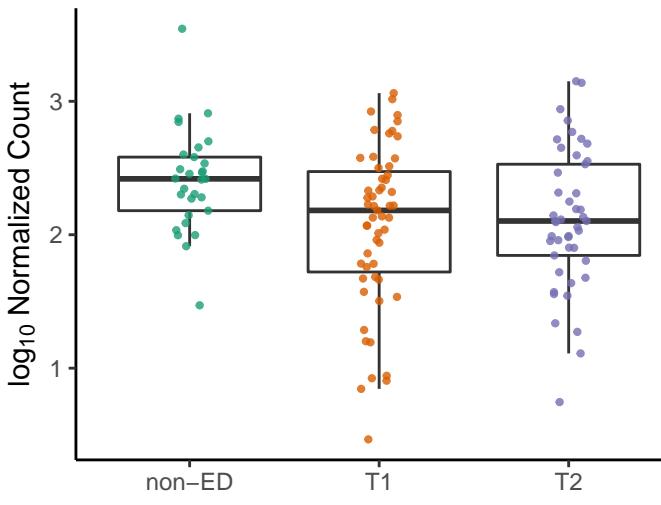
### *Mycobacterium seoulense*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.87



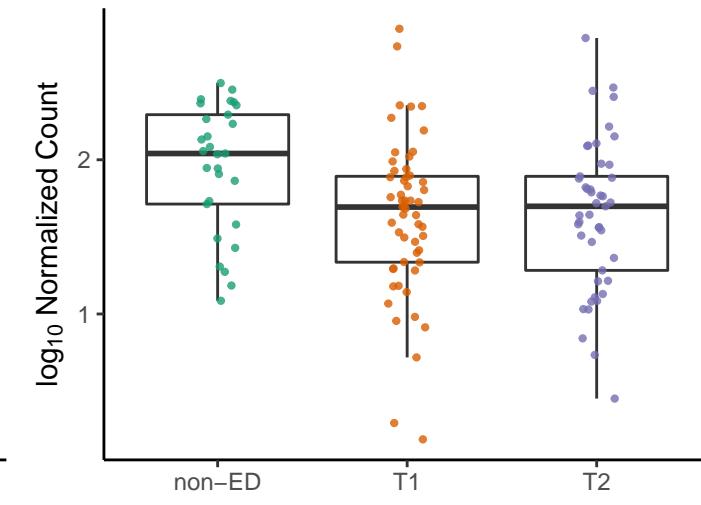
### *Phenylbacterium zucineum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.86



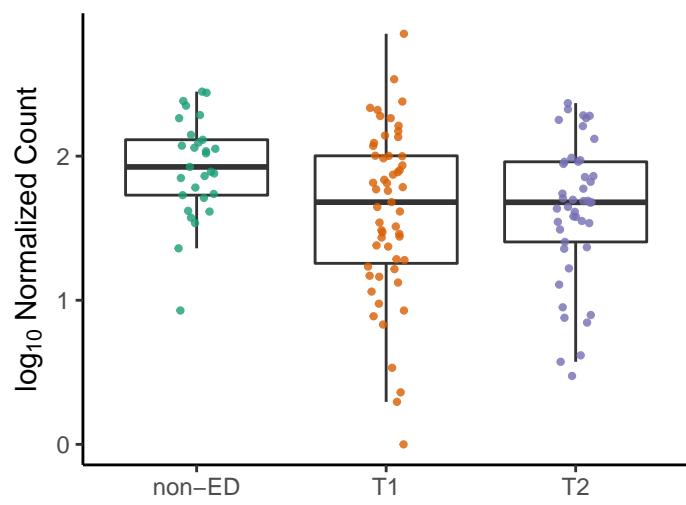
### *Salinispora tropica*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.87



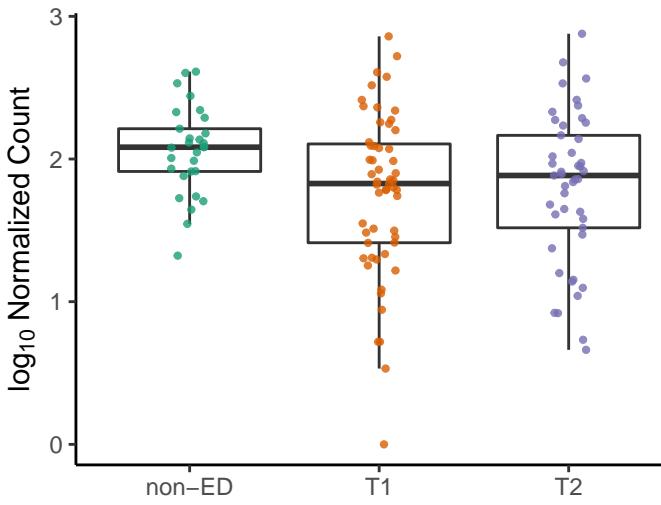
### *Sphingobium* sp. SYK-6

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.95



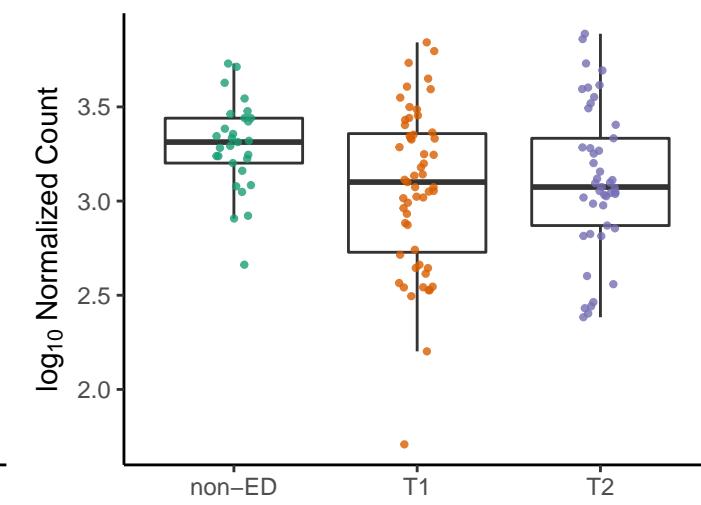
### *Streptomyces* sp. SAT1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



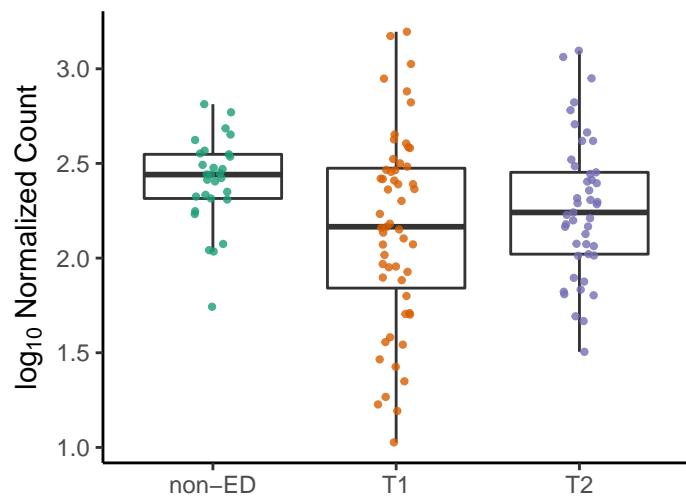
### Unclassified Rhizobiales Order

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.86



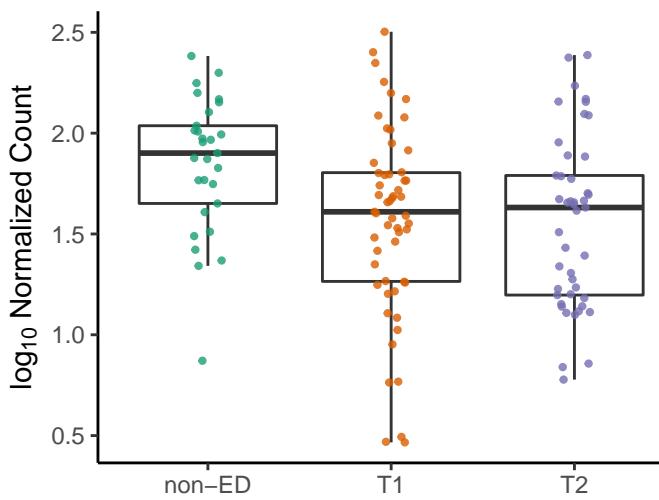
### *Zobellella denitrificans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



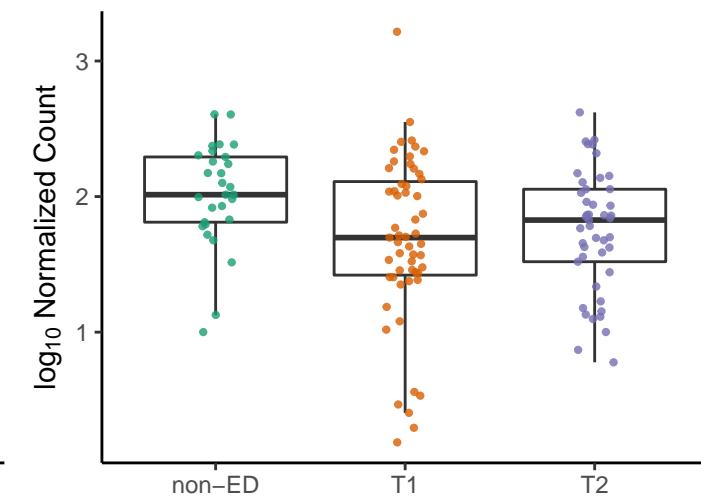
### *Glutamicibacter arilaitensis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 1



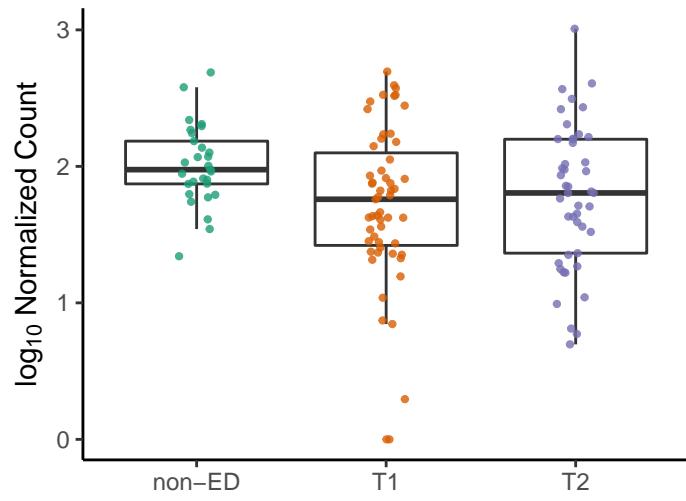
### *Segniliparus rotundus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



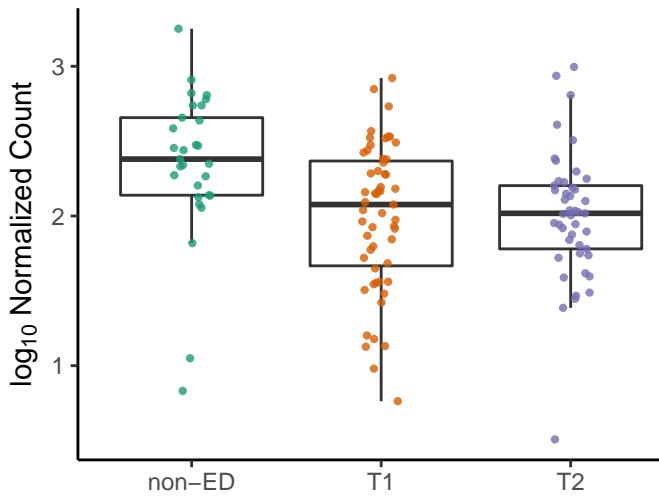
### *Xanthomonas sacchari*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



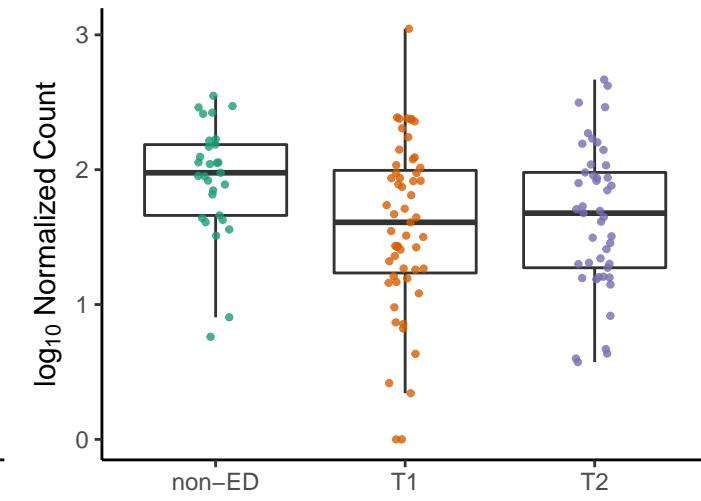
### *Acholeplasma brassicae*

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



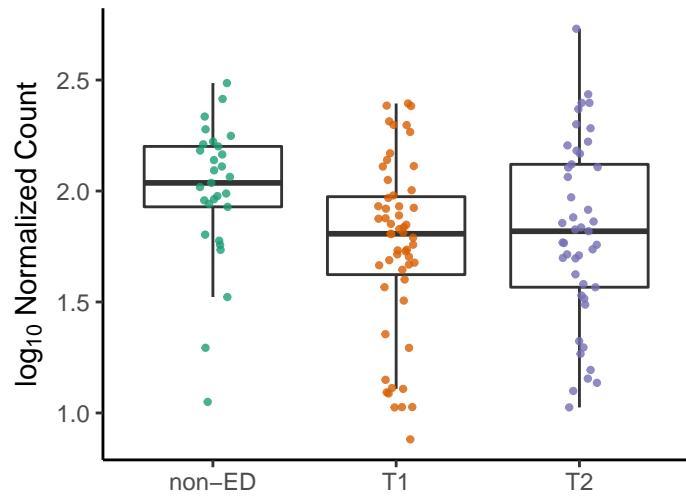
### *Dietzia timorensis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.87



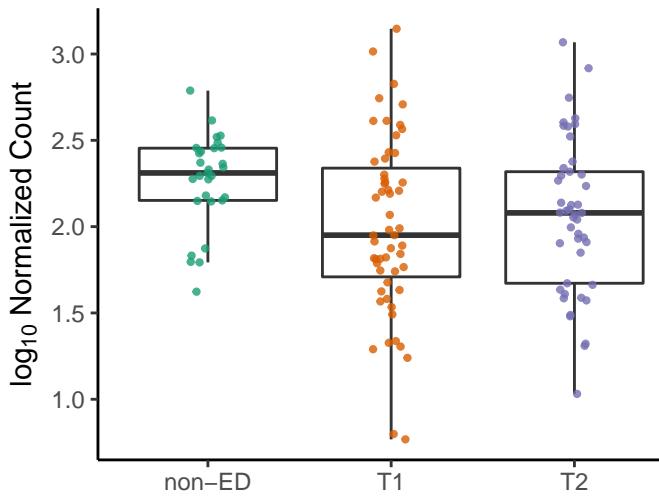
### *Lacimicrobium alkaliphilum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.85



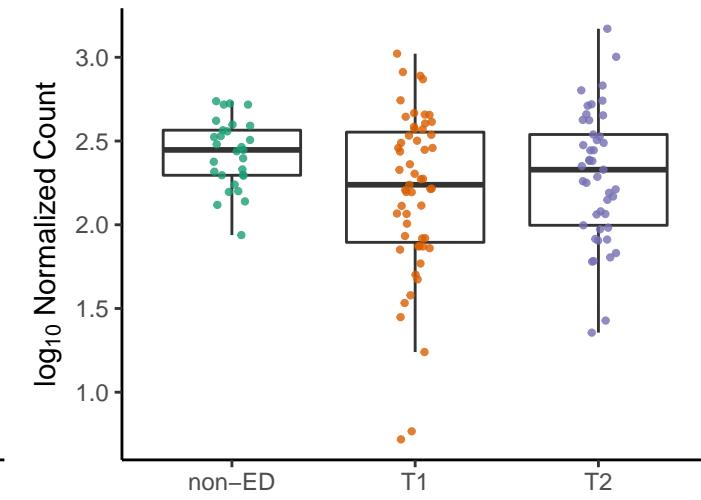
### *Planctomycetes bacterium Pla175*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



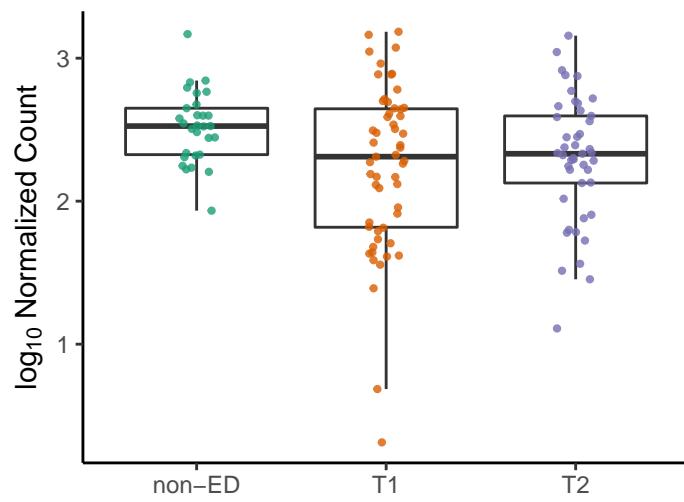
### *Thermosediminibacter oceanii*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.85



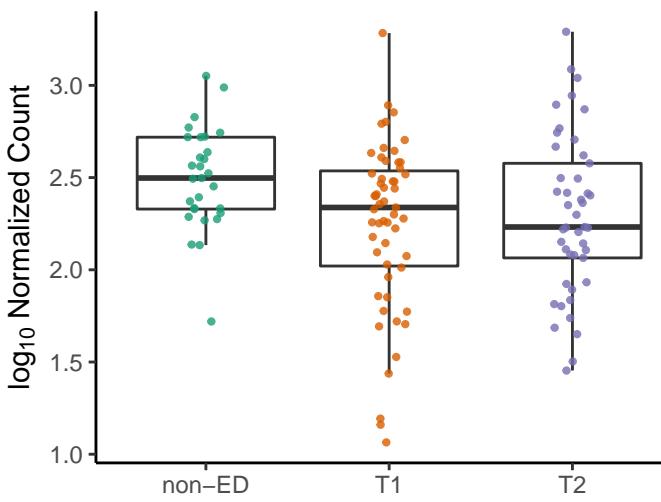
### Unclassified Myxococcales Order

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.85



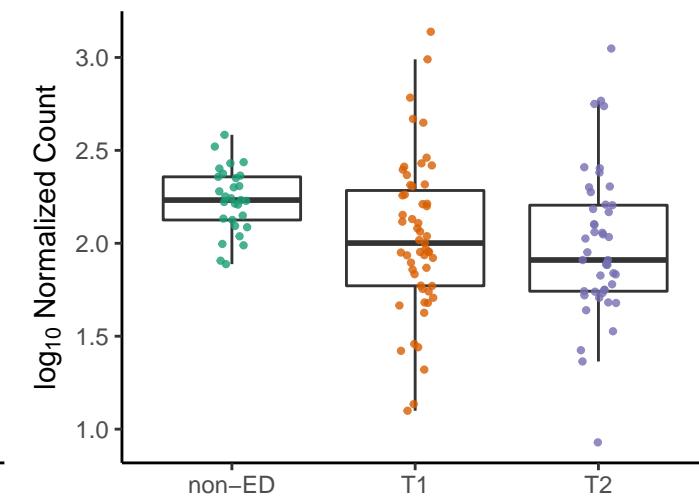
### *Alienimonas californiensis*

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



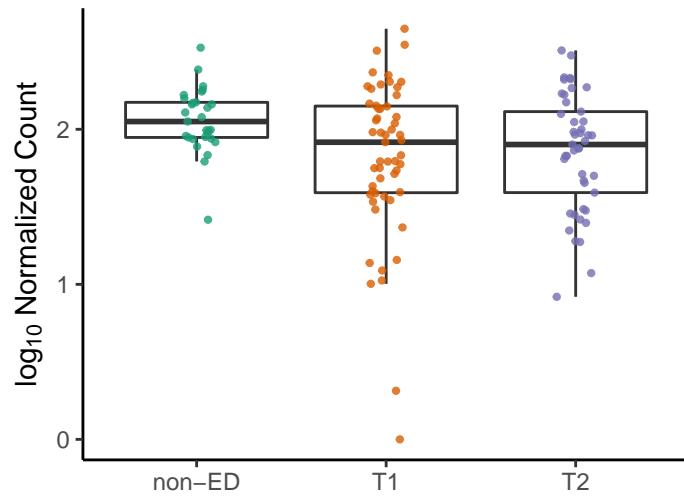
### *Collimonas arenae*

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0073  
T1 vs. T2 adjusted p = 0.99



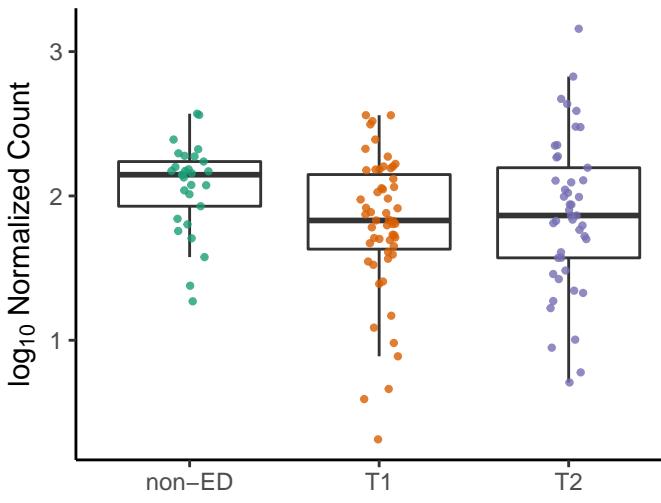
### *Mesorhizobium* sp. Pch-S

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.86



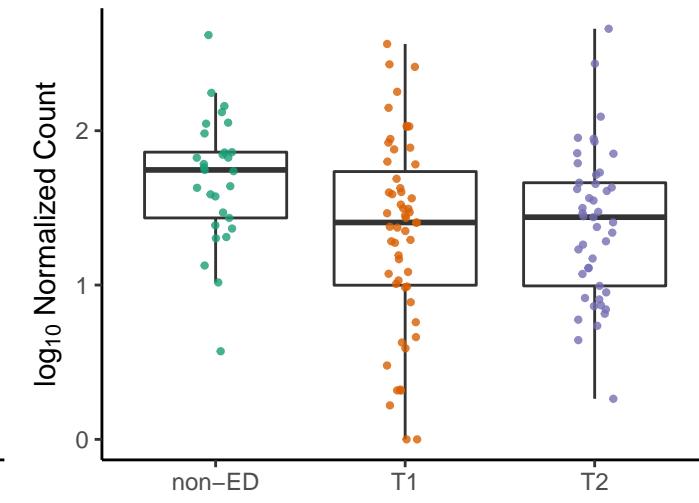
### *Marinovum algicola*

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.85



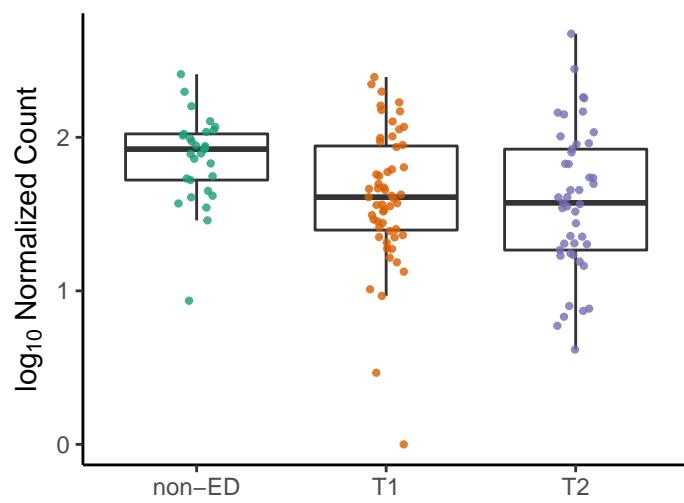
### *Pusillimonas* sp. DMV24BSW\_D

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



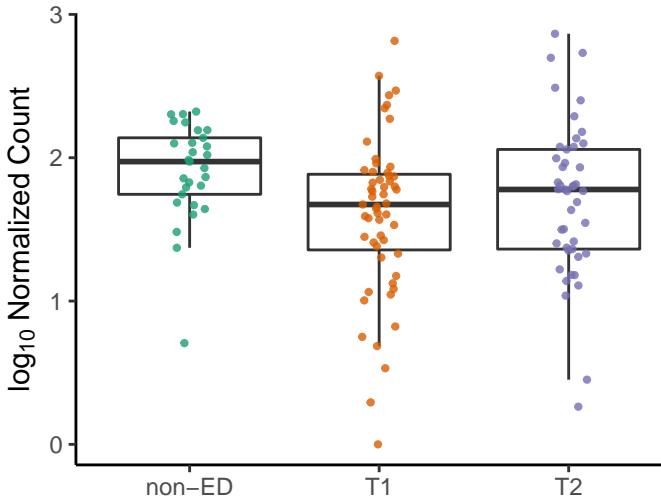
### *Burkholderia pyrrocinia*

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.91



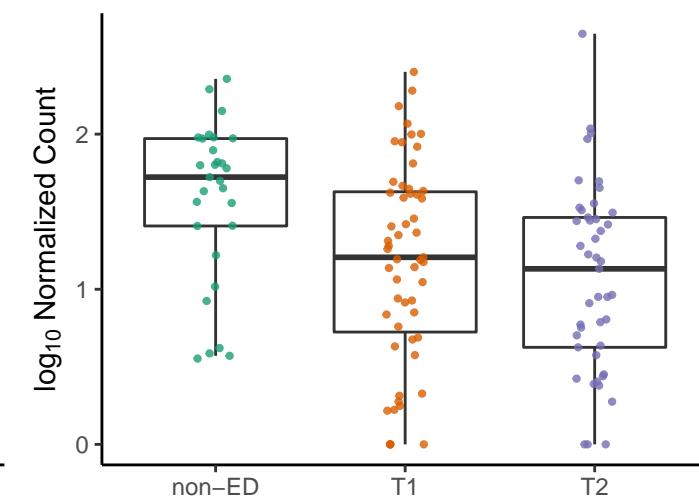
### *Aquitalea* sp. USM4

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.85



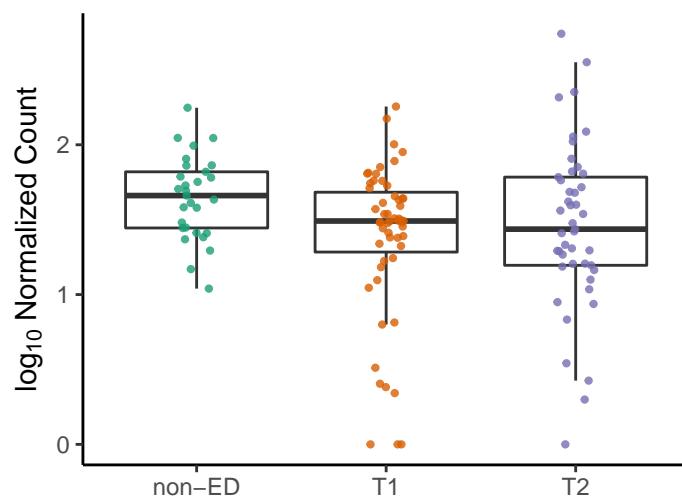
### Actinobacteria bacterium IMCC26077

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.92



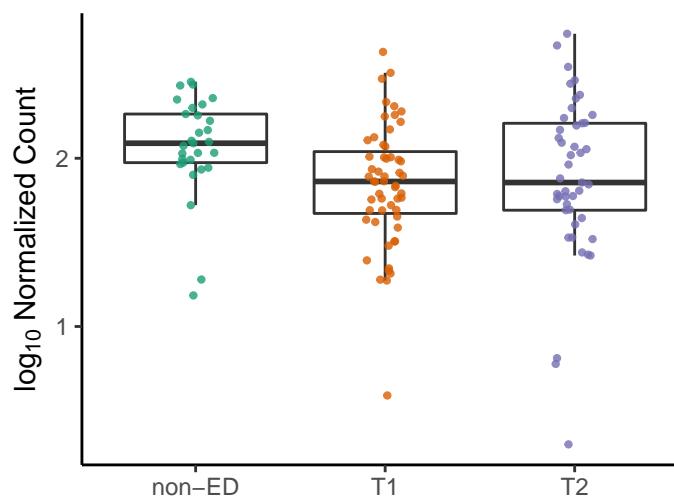
### Rhizobium sp. Khangiran2

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.86



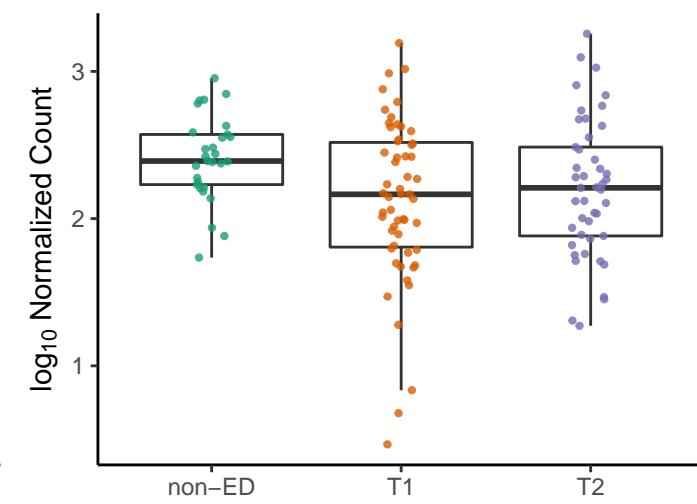
### Methylomonas denitrificans

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.85



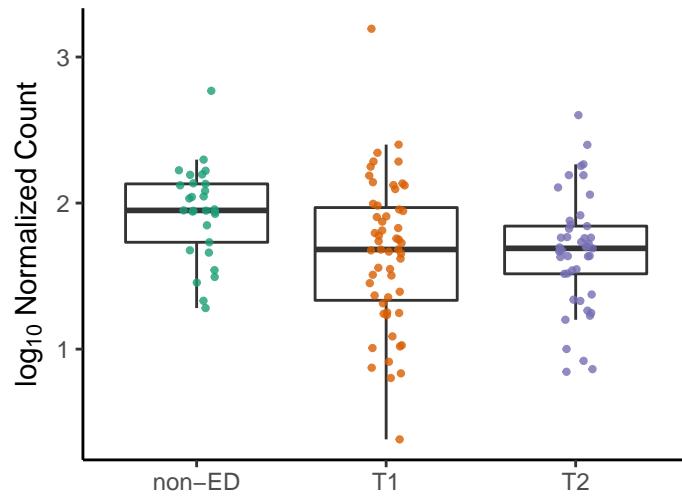
### Planctomycetes bacterium ETA\_A1

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.85



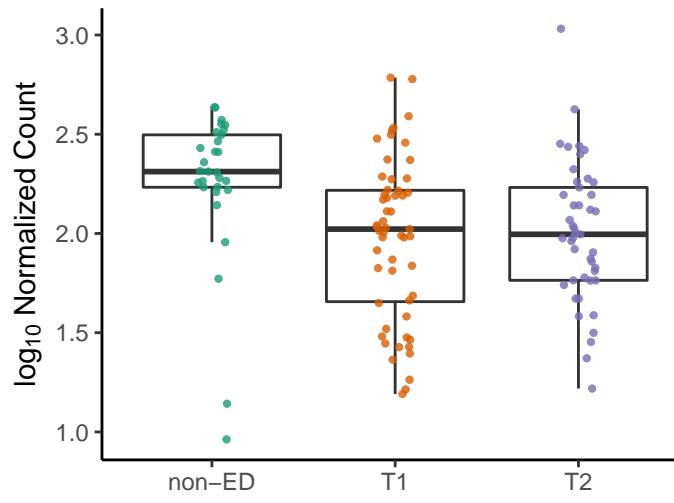
### Pseudomonas mucidolens

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



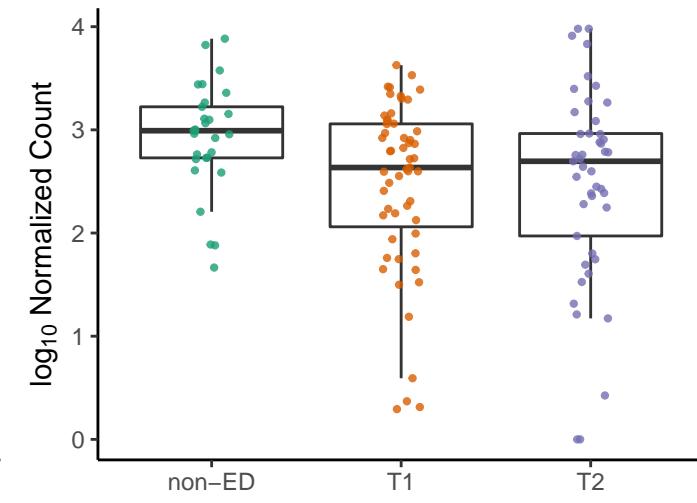
### Staphylococcus simulans

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.9



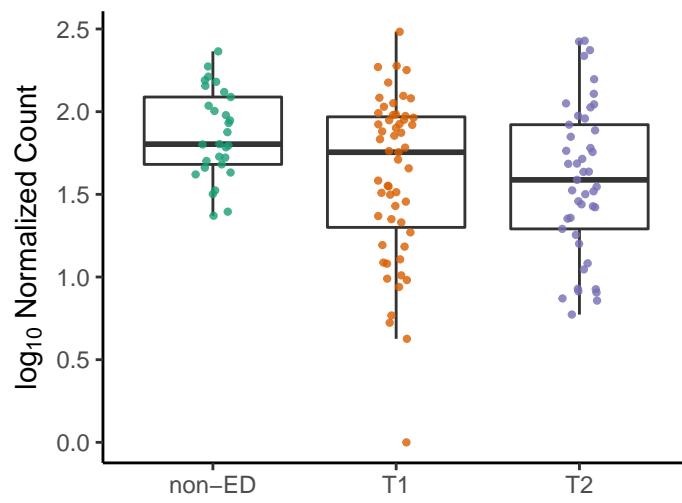
### Unclassified Eggerthella Genus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.93



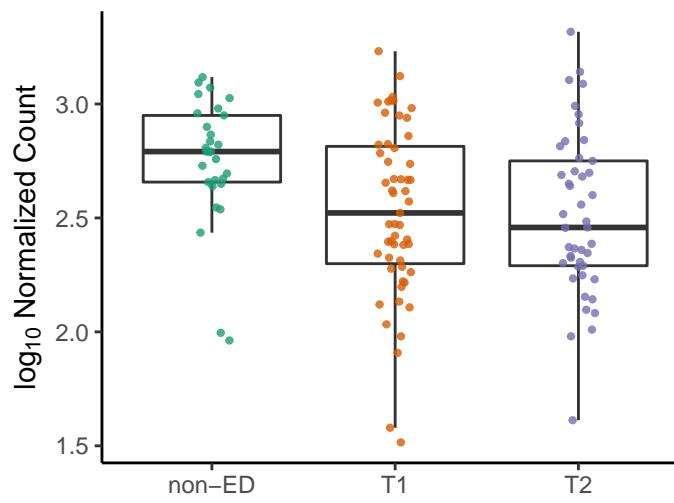
### Bosea sp. PAMC 26642

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.98



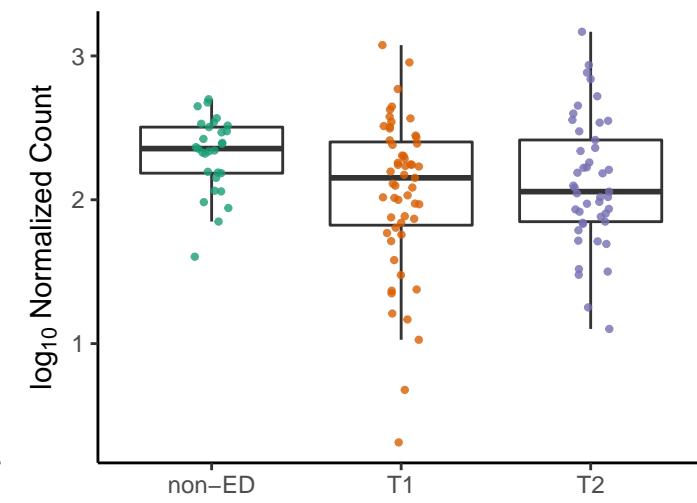
### Clostridium sp. SYSU GA15002T

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



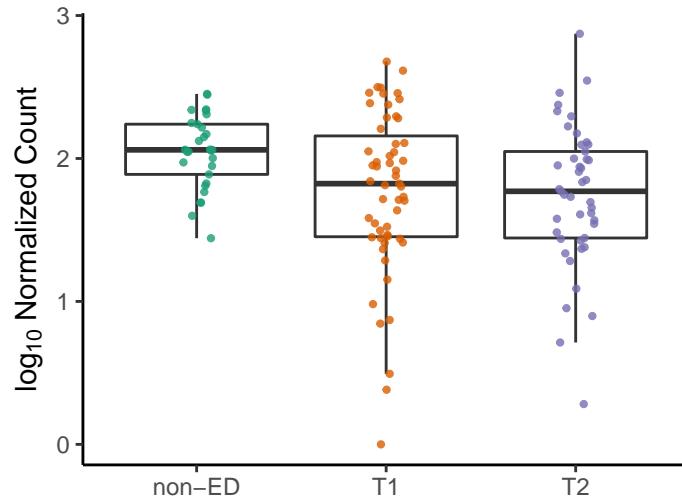
### Azoarcus communis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.85



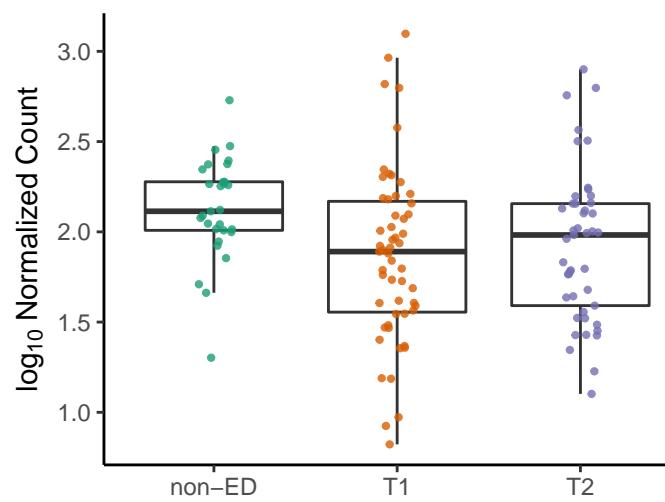
### *Luteibacter pinisoli*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 1



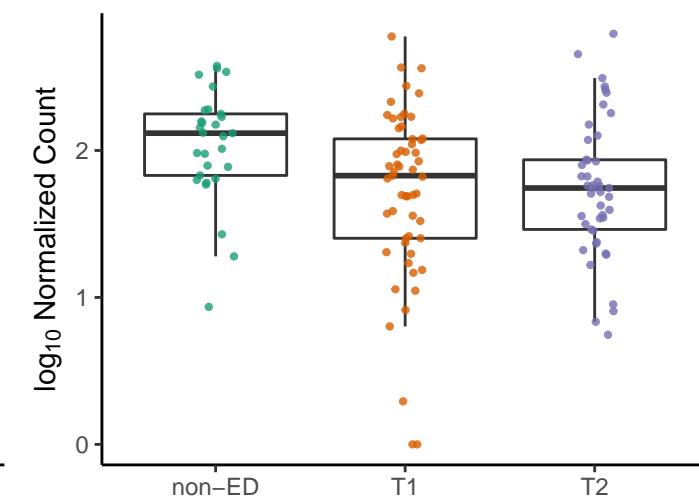
### *Saccharomonospora marina*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.87



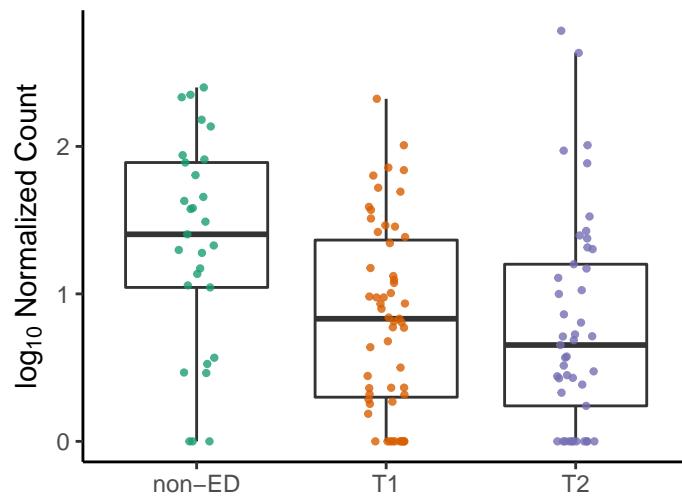
### *Achromobacter* sp. B7

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.9



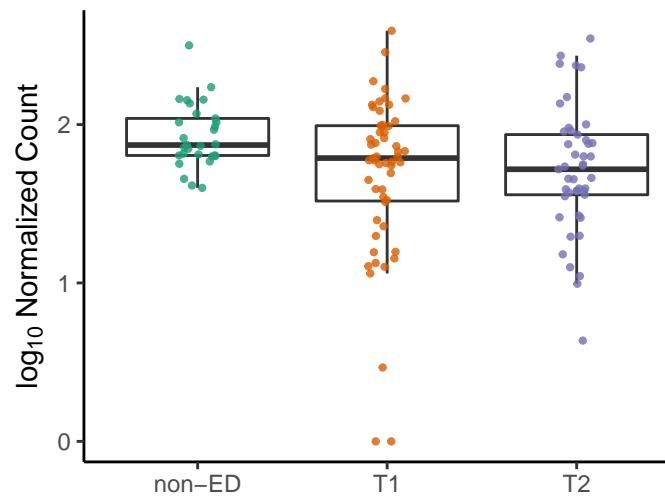
### Unclassified Chroococcales Order

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



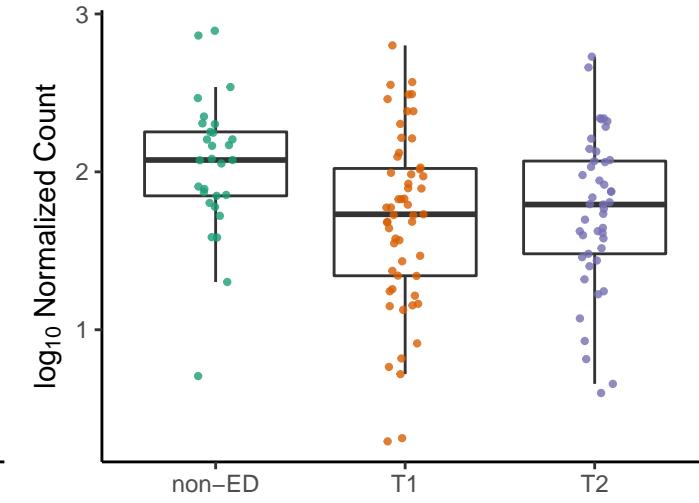
### *Microbulbifer thermotolerans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.92



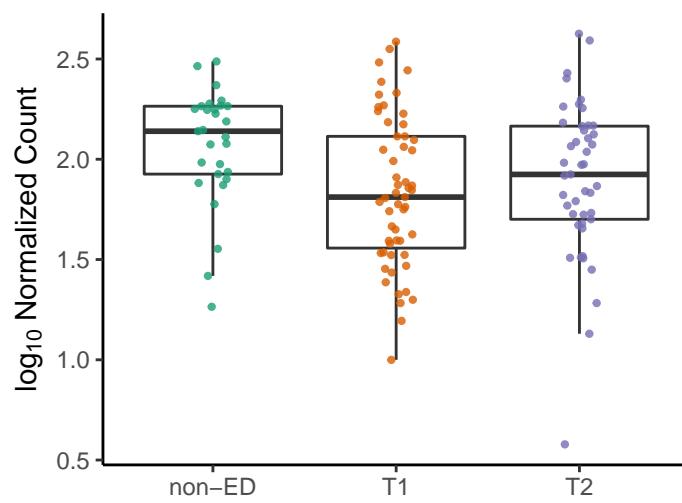
### *Caulobacter* sp. FWC26

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



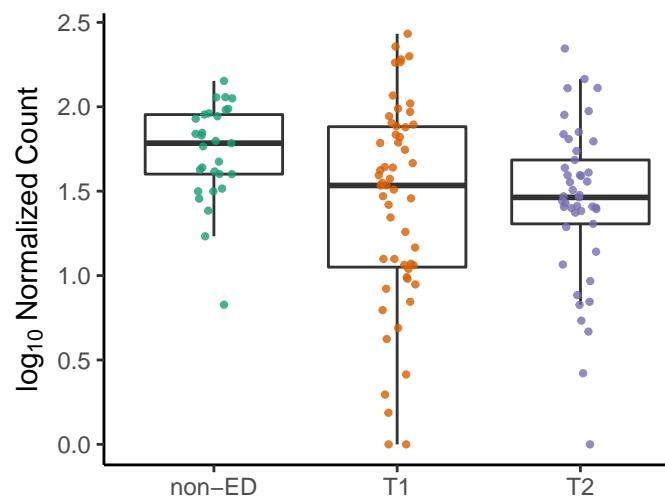
### *Campylobacter concisus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.85



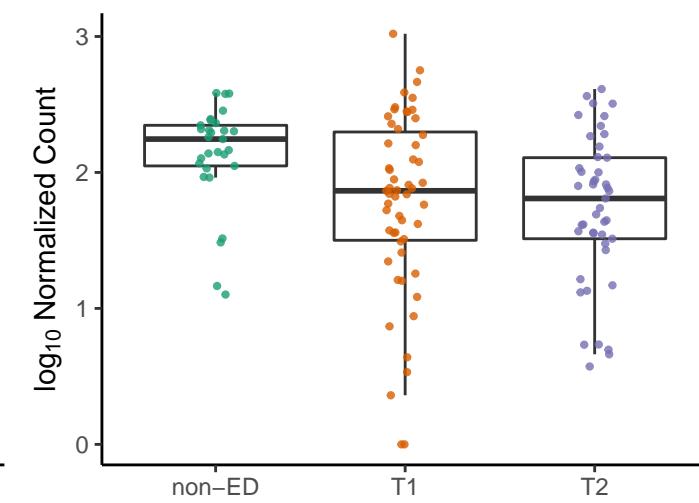
### *Mycobacterium* sp. ELW1

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.88

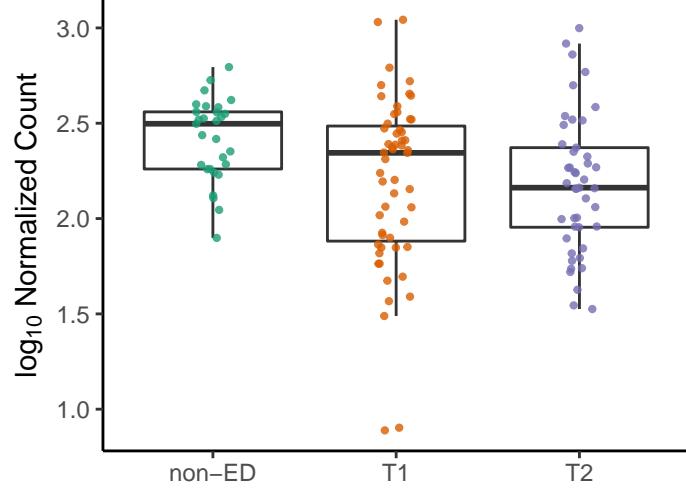


### *Streptomyces* sp. 2323.1

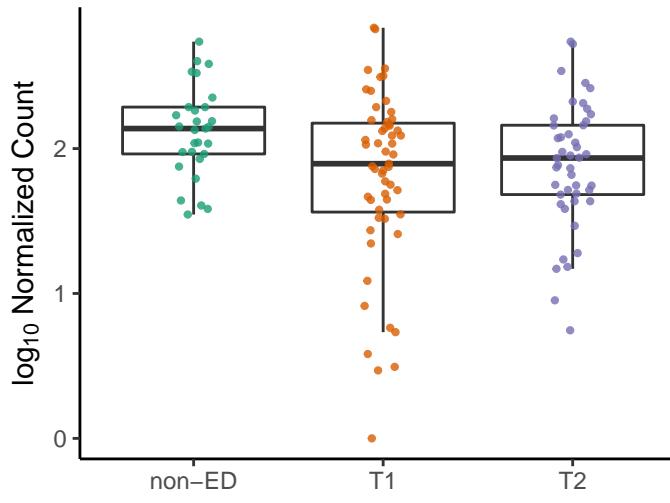
non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0061  
 T1 vs. T2 adjusted p = 0.98



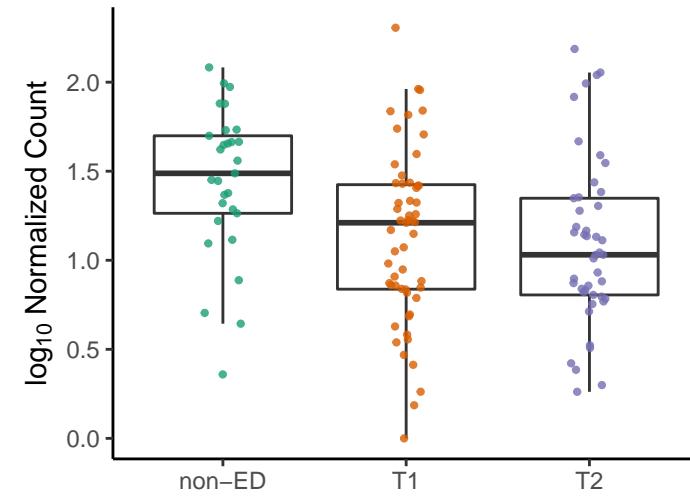
**Desulfomicrobium baculum**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.007  
T1 vs. T2 adjusted p = 1



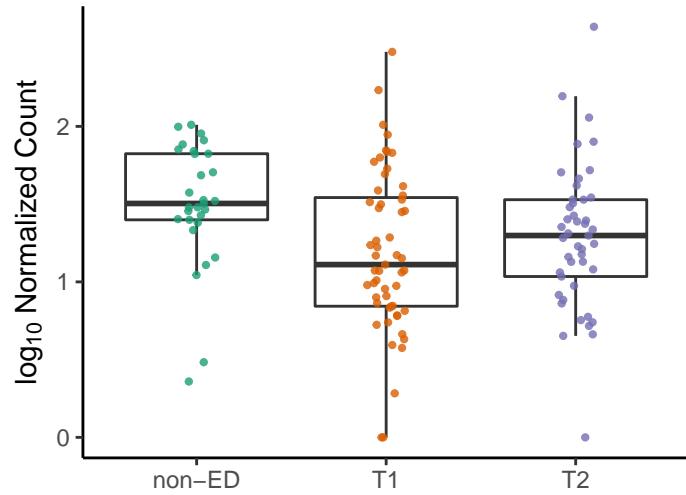
**Methylobacter brachiatum**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.85



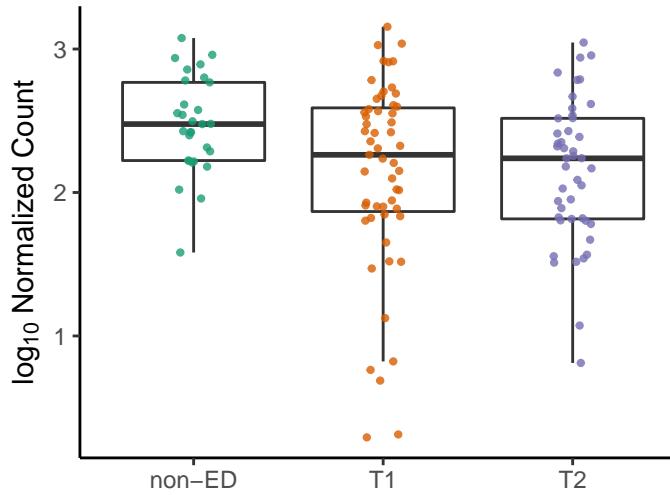
**Liberibacter crescens**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.86



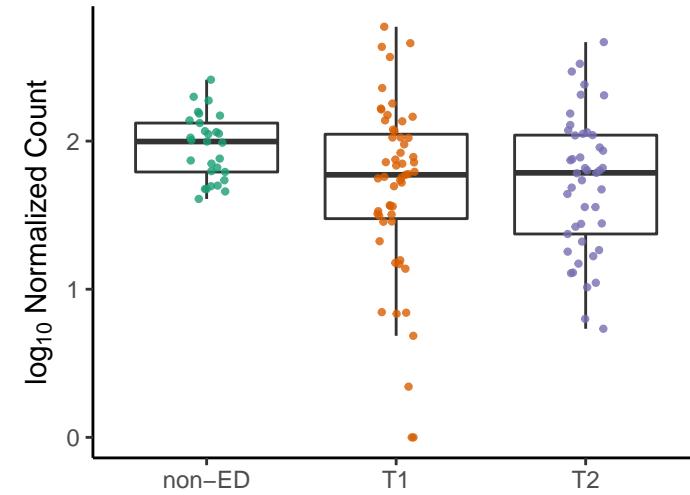
**Streptococcus sp. HSISB1**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.85



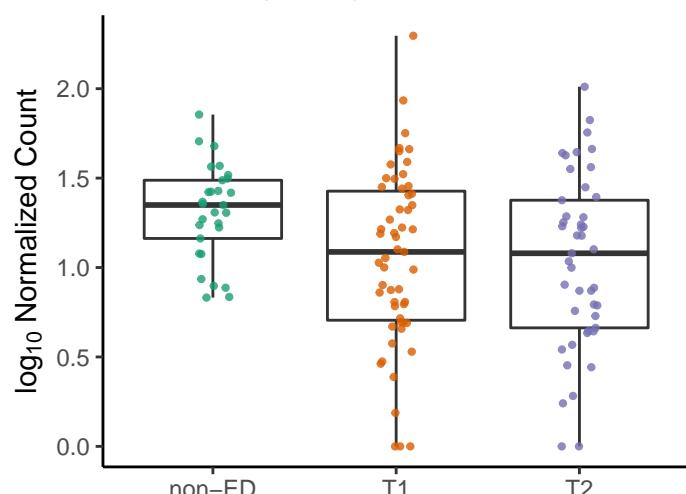
**Lacunisphaera limnophila**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.9



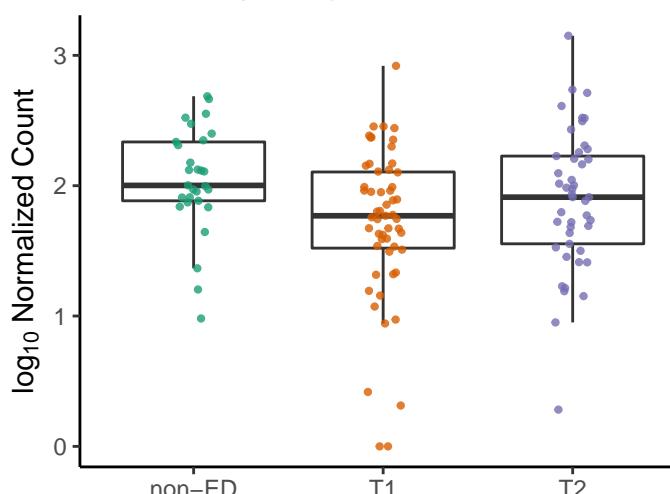
**Georgenia sp. Z294**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.93



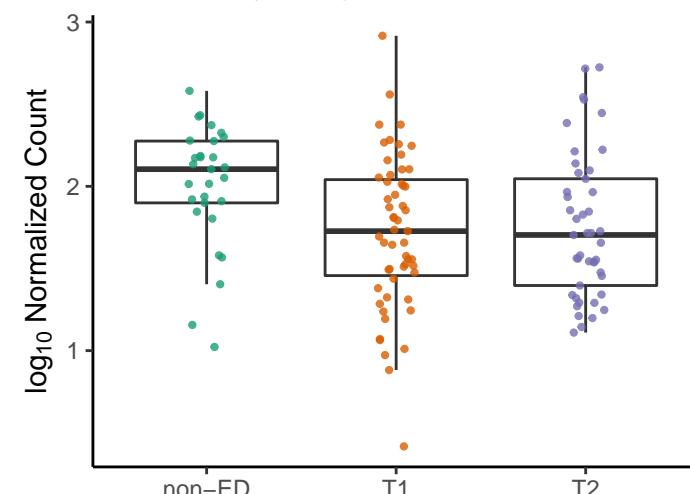
**secondary endosymbiont of Ctenarytair**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.93



**Mycolicibacter minnesotensis**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.85

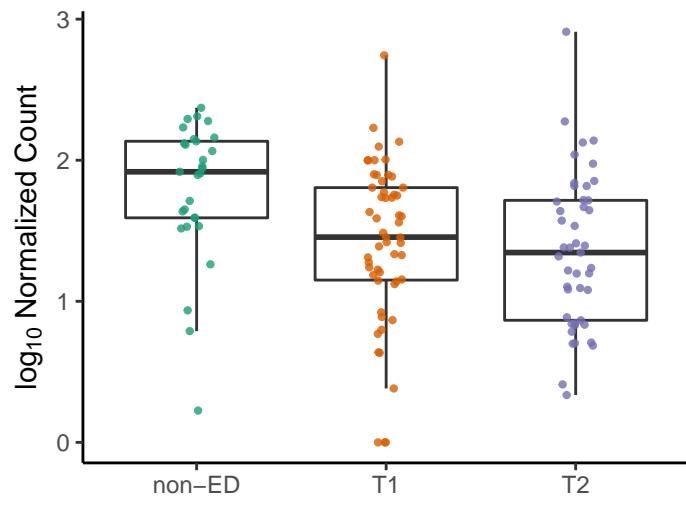


**Kushneria marisflavi**  
non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.86



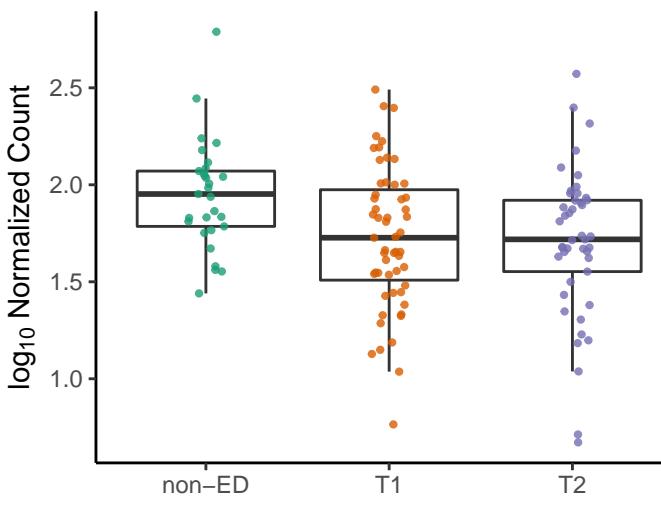
### Polaribacter sp. SA4-10

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.85



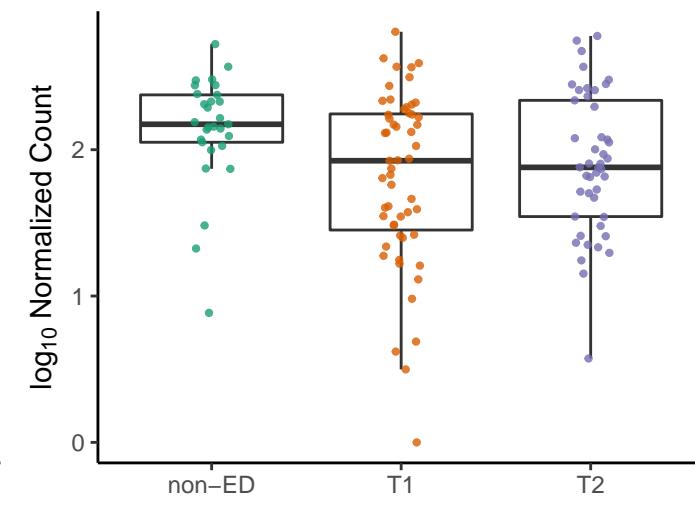
### Pseudomonas salegens

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.97



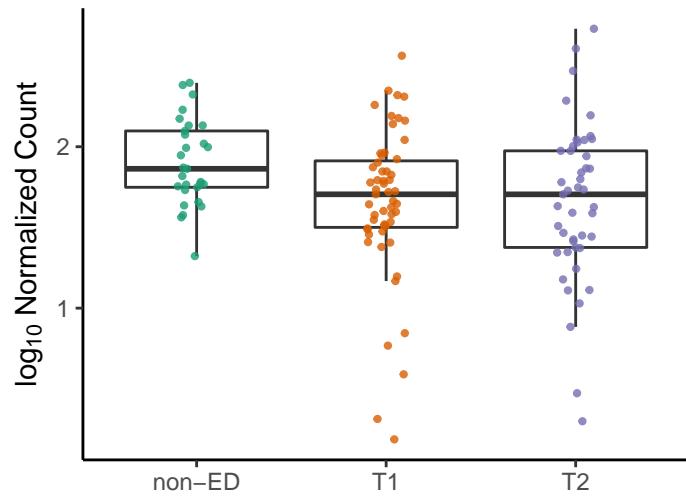
### Sinomonas atrocyanea

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.85



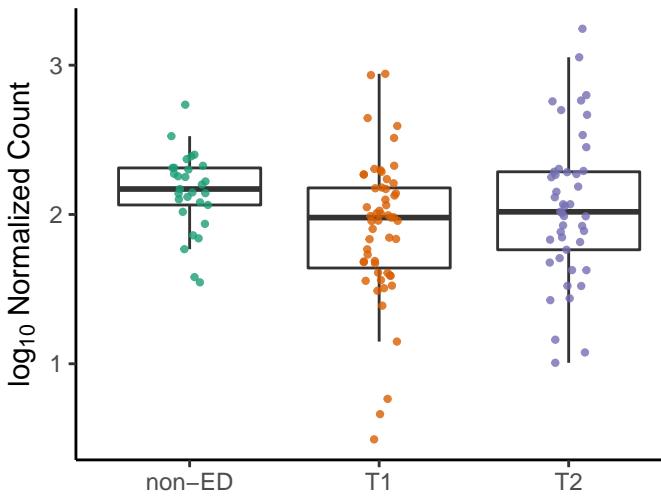
### Thioalkalivibrio paradoxus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.97



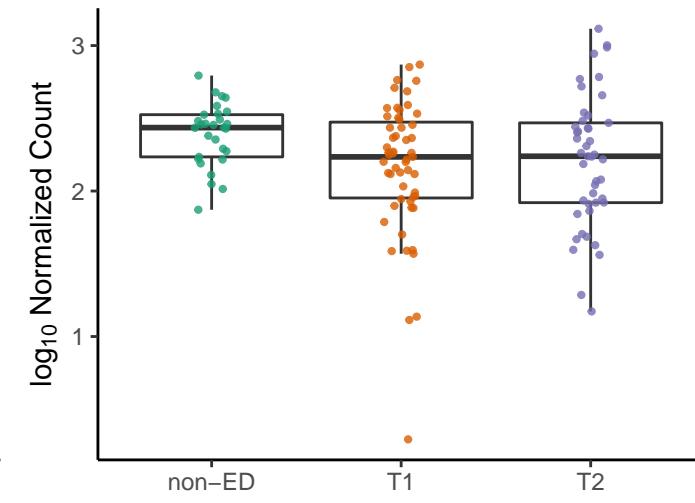
### Fimbriimonas ginsengisoli

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.3  
T1 vs. T2 adjusted p = 0.85



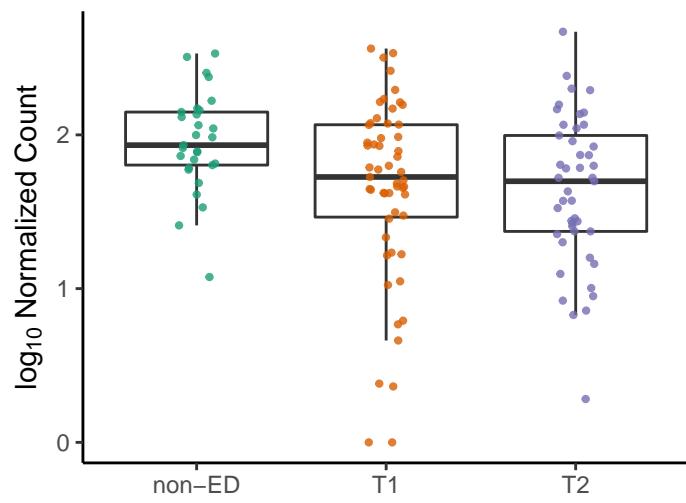
### Allokutzneria albata

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.85



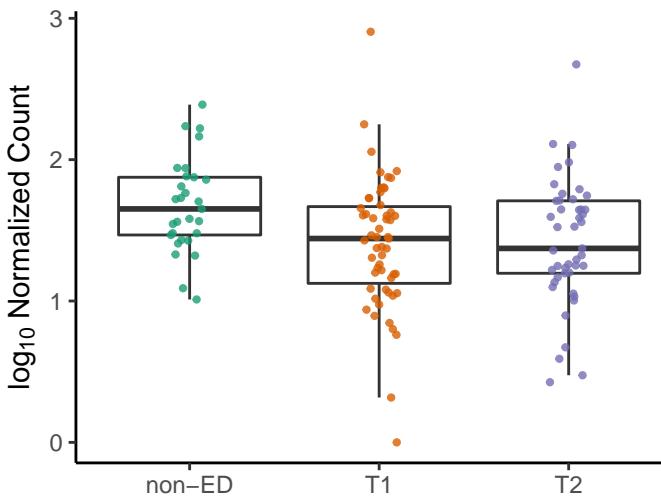
### Caulobacter henricii

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.009  
T1 vs. T2 adjusted p = 0.91



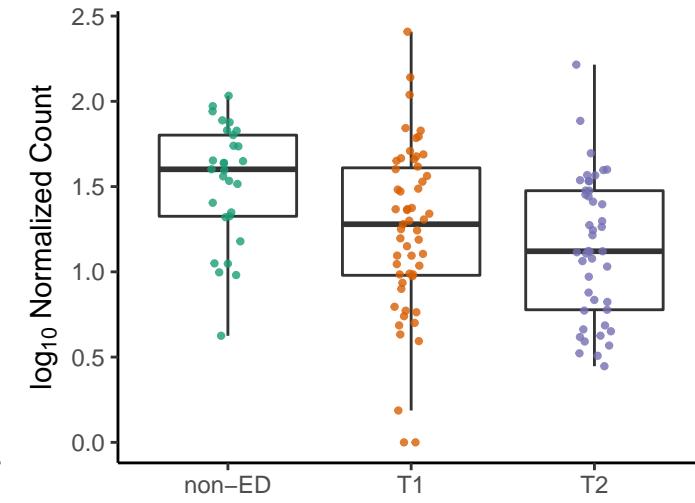
### Corynebacterium suranareeae

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.95



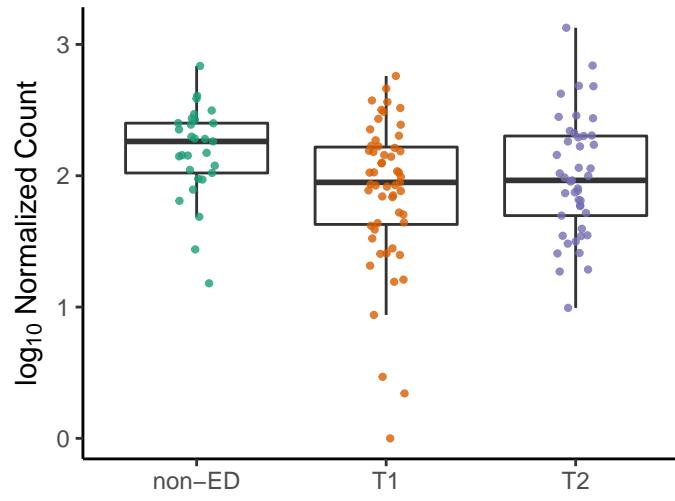
### Thermodesulfobium acidiphilum

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.85



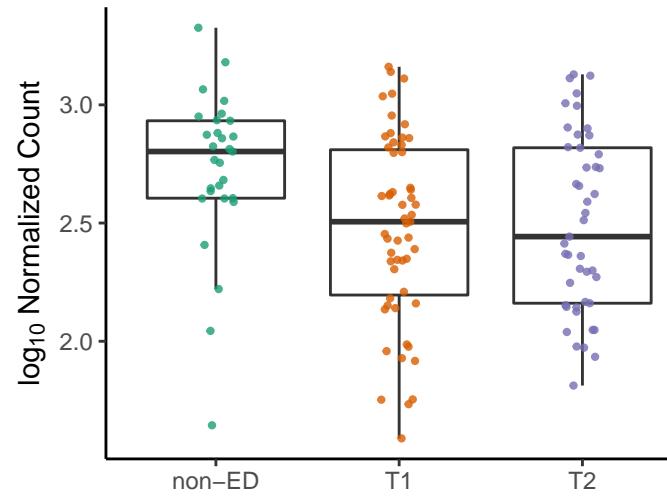
### *Gordonia bronchialis*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.85



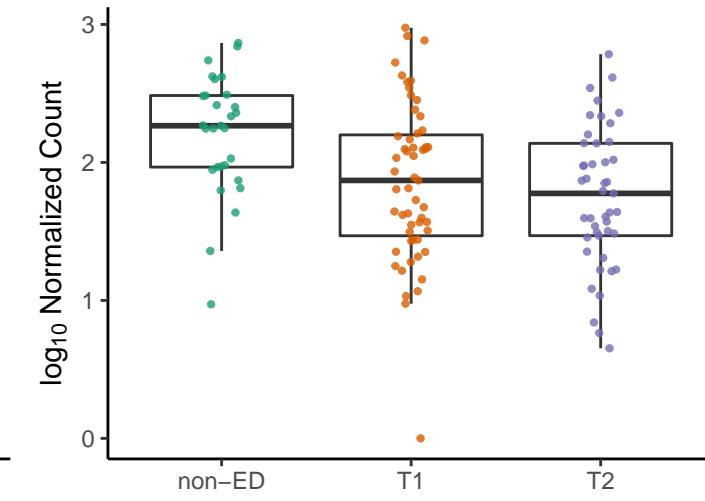
### *Clostridium saccharobutylicum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 1



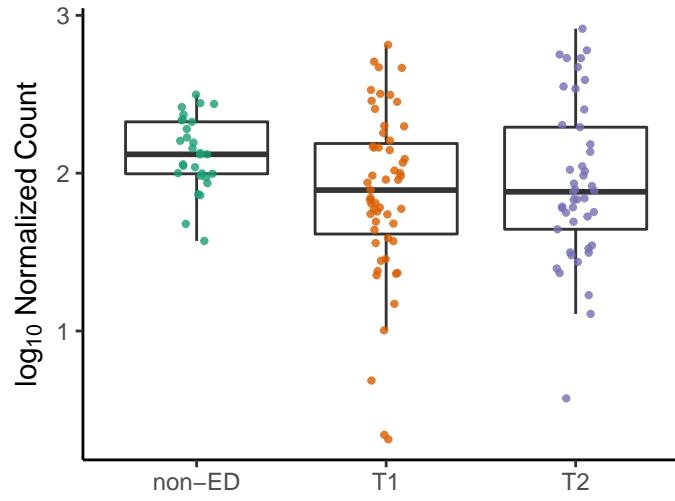
### *Gemella haemolysans*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.85



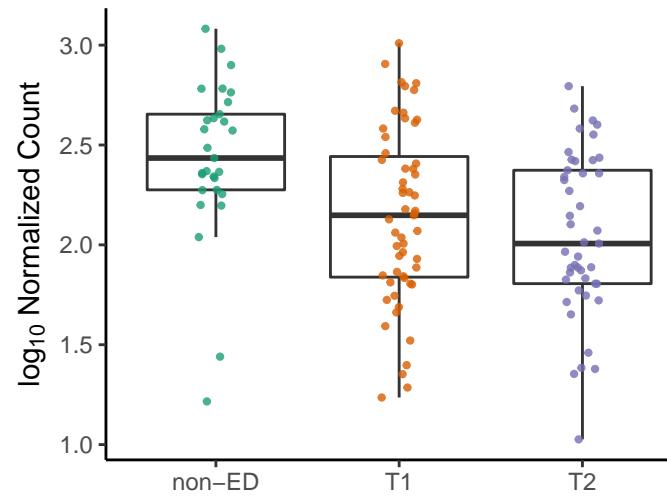
### *Gluconacetobacter diazotrophicus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.87



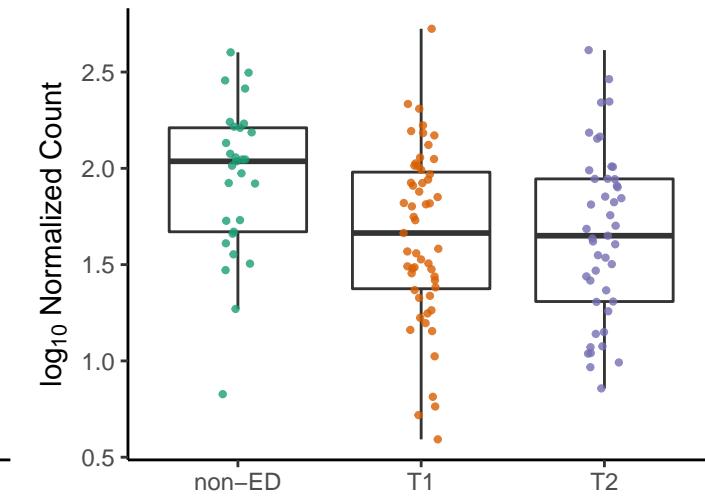
### *Gottschalkia acidurici*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.85



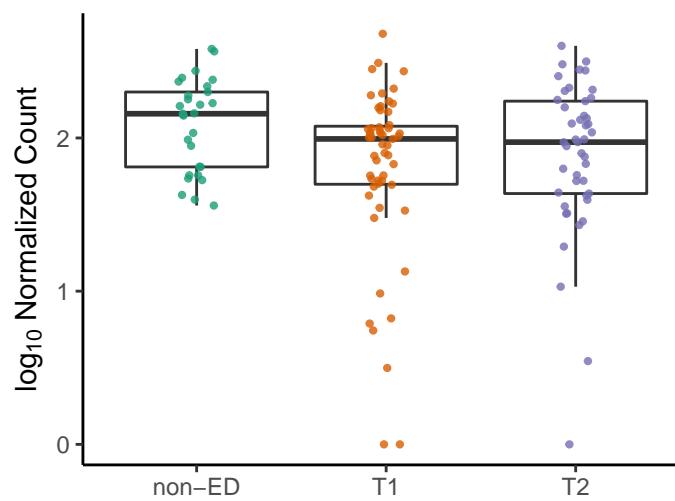
### *Microbacterium pygmaeum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.92



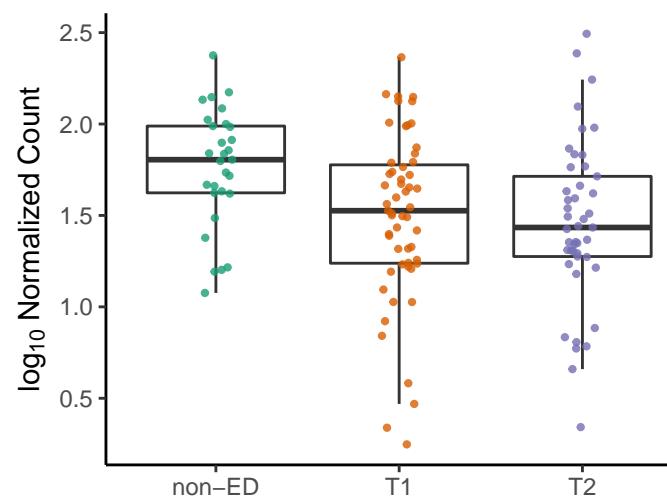
### *Mycolicibacterium helvum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.85



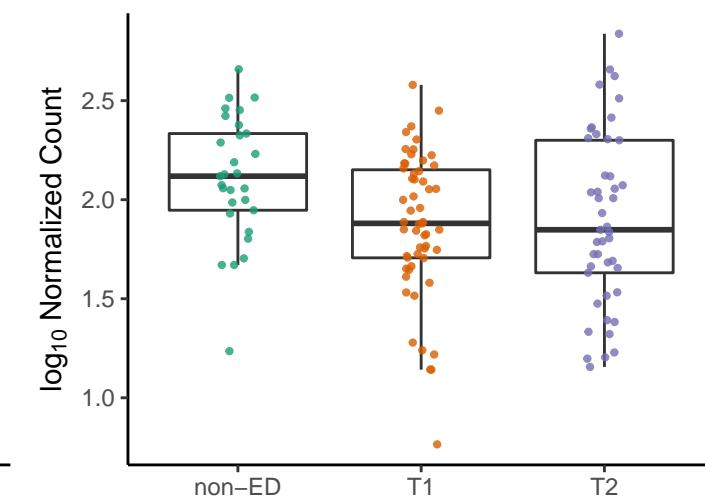
### *Oenococcus kitaharae*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.86



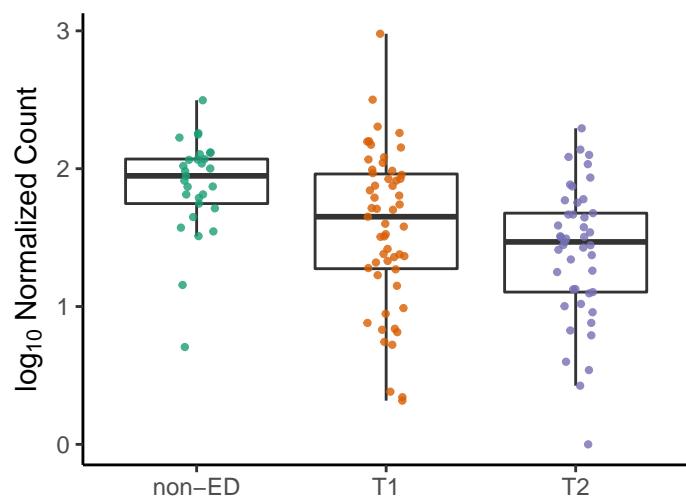
### *Sporisorium graminicola*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.87



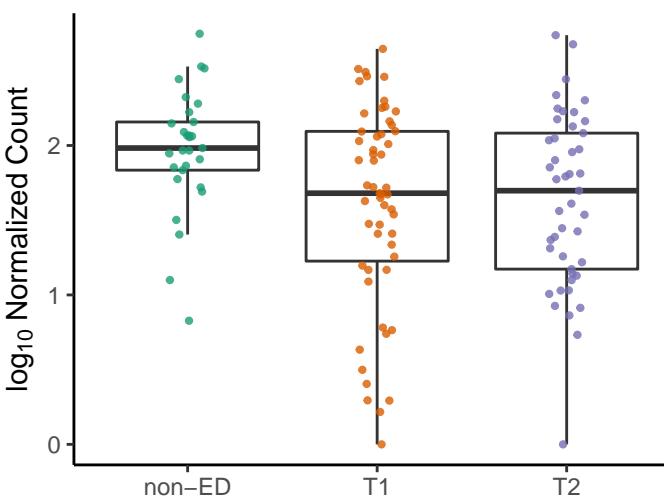
### Burkholderia sp. OLGA172

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0015  
T1 vs. T2 adjusted p = 0.85



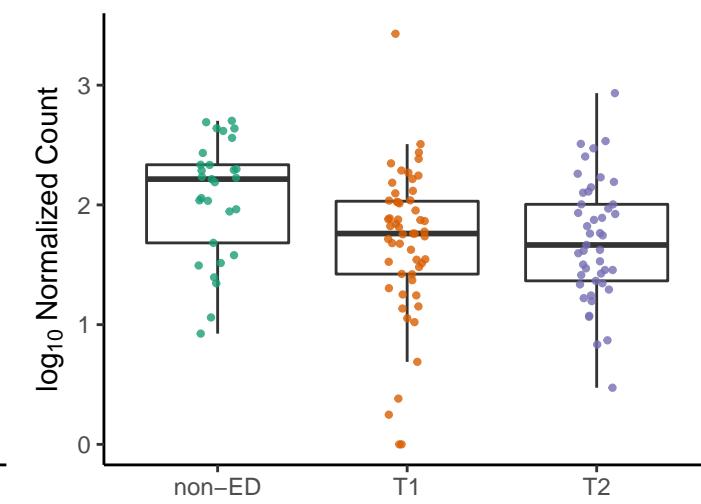
### Gordonia phthalatica

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.88



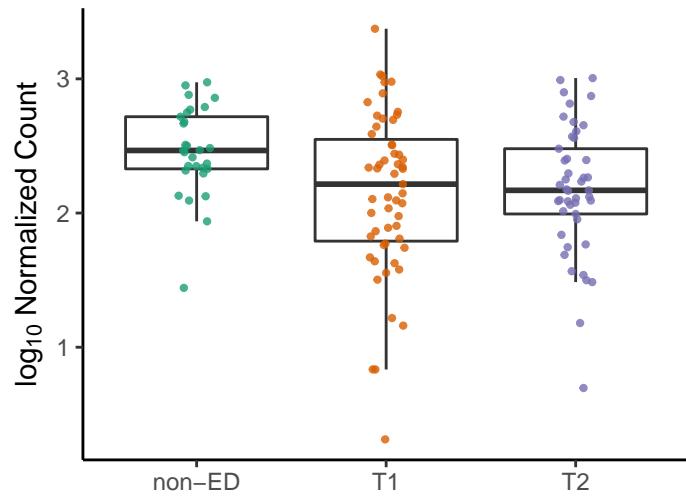
### Acidibrevibacterium fodinaquatile

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.98



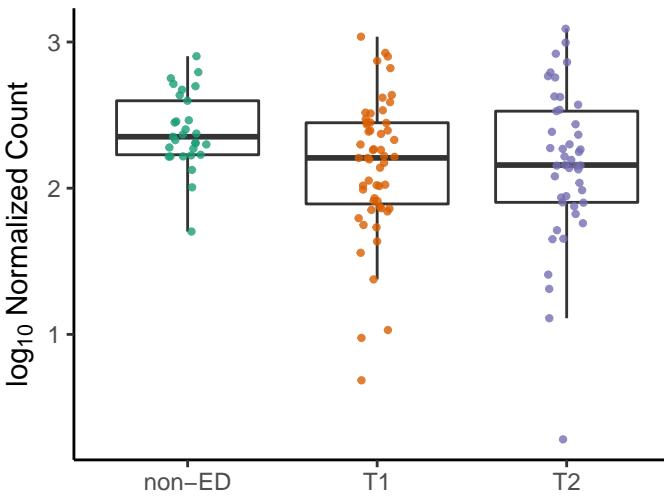
### Melittangium boletus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.86



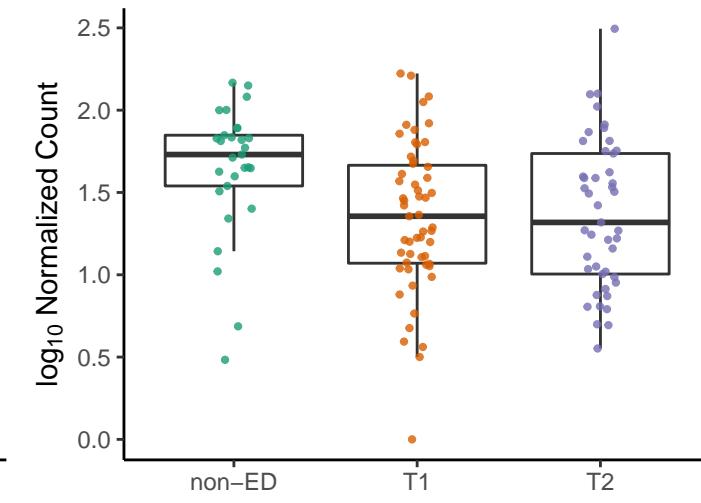
### Streptomyces sp. TLI\_053

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.91



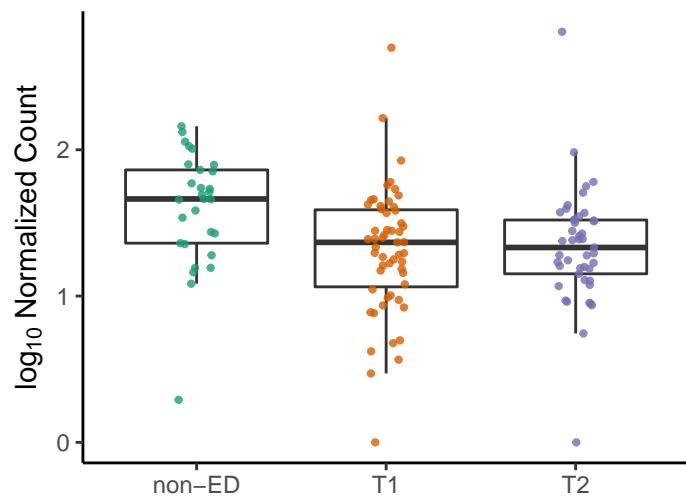
### Sulfolobus islandicus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.97



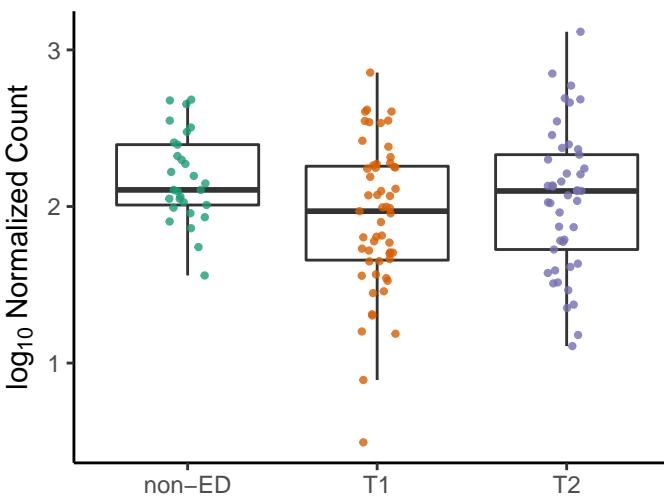
### Agarivorans gilvus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.87



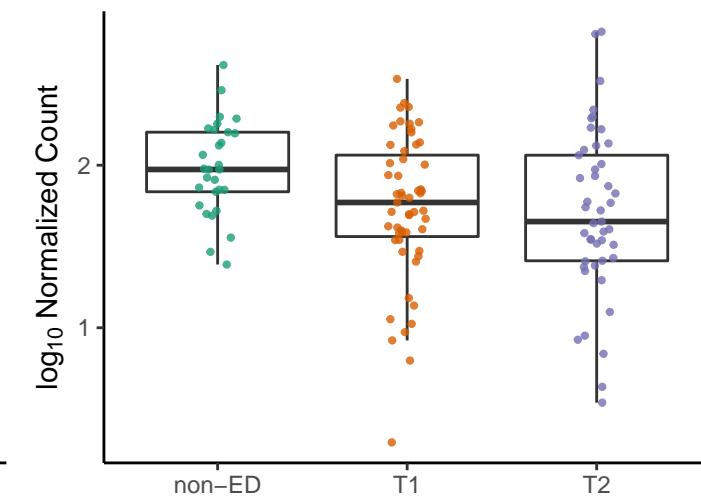
### Saccharopolyspora sp. ASAGF58

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



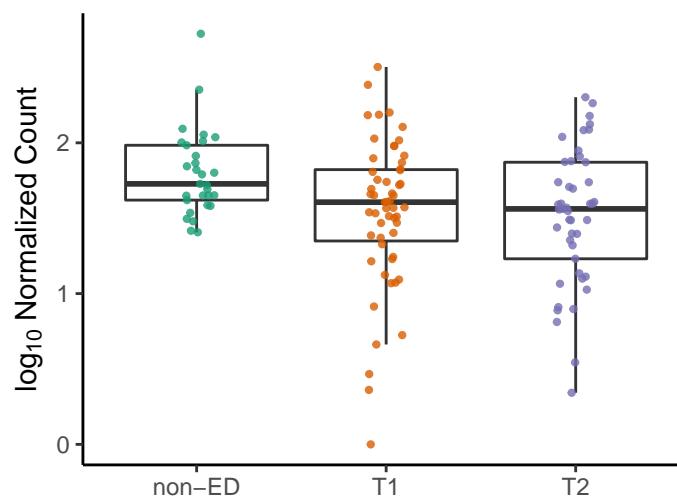
### Paraburkholderia sp. SOS3

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



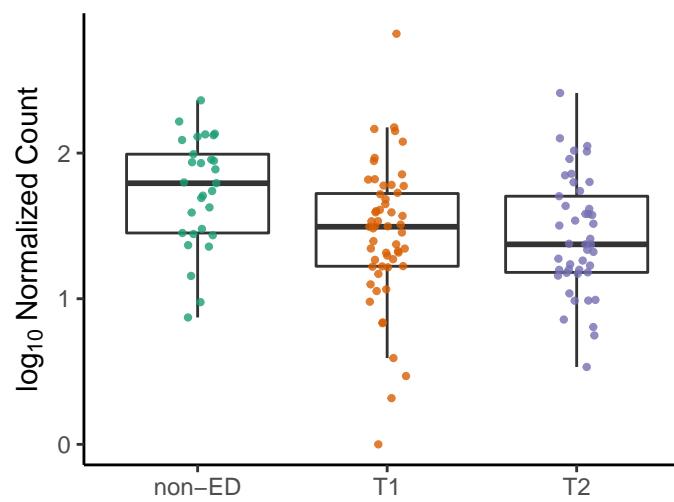
### *Beijerinckia indica*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.95



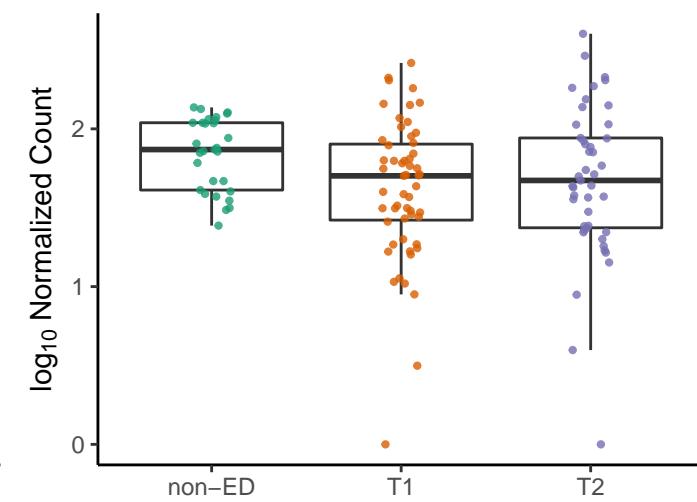
### *Phytobacter ursingii*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.93



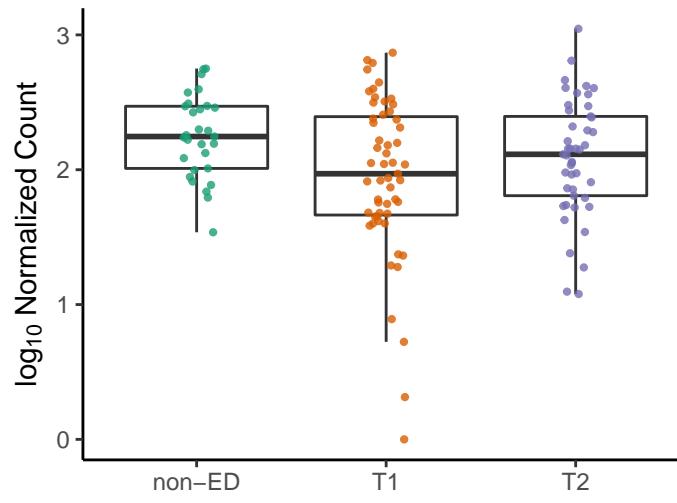
### *Chania multitudinisentens*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.91



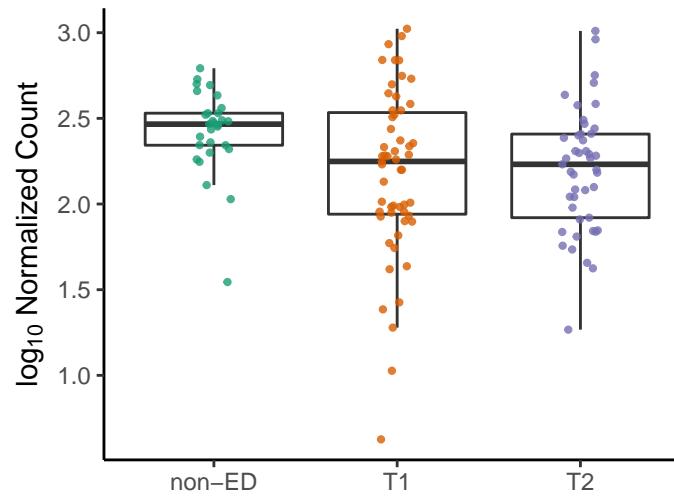
### *Methylorum extorquens*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



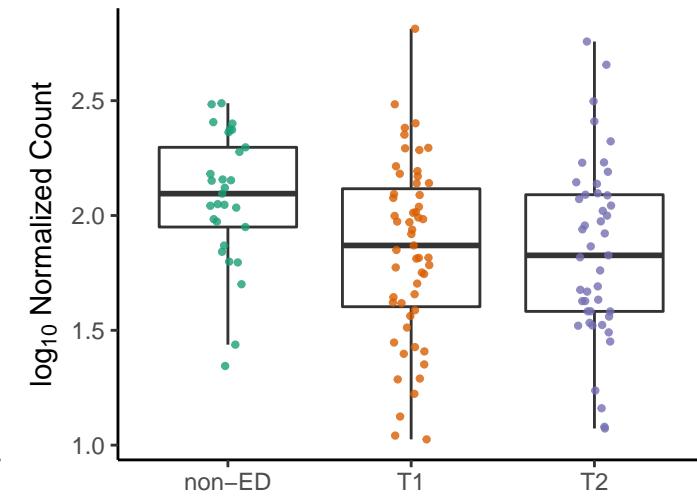
### *Pelobacter acetylenicus*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.92



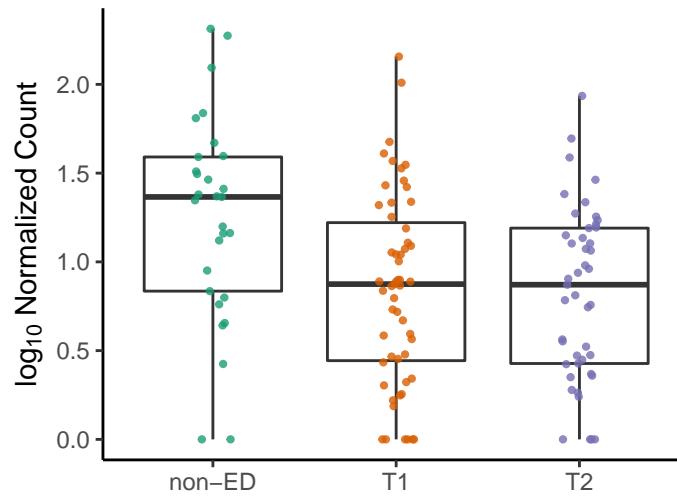
### *Mucilaginibacter sp. HYN0043*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.91



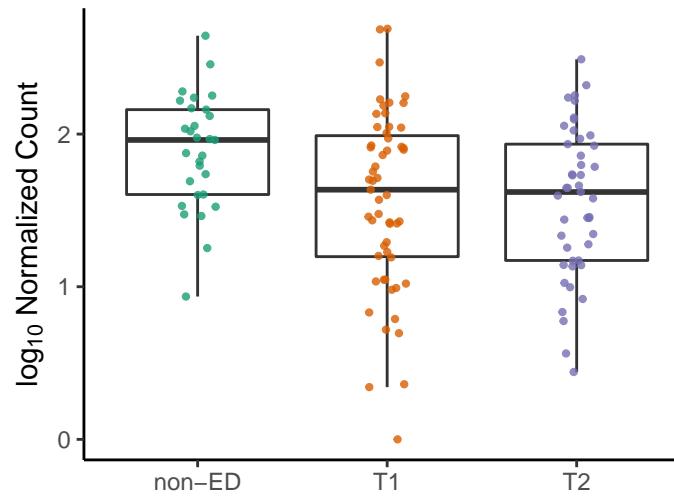
### *Spiroplasma sabaudiense*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.88



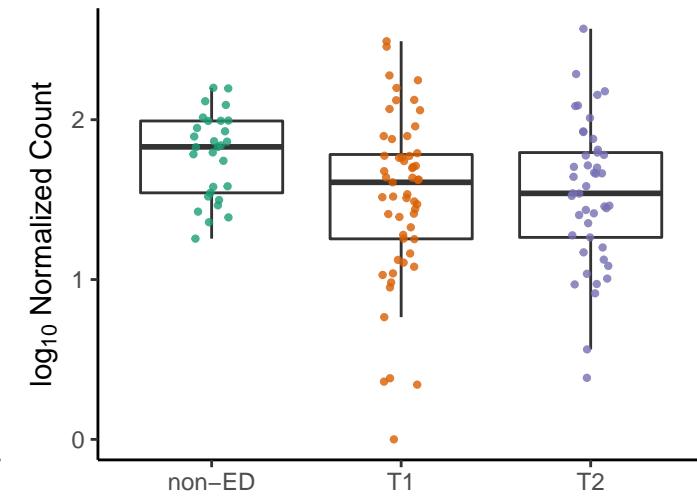
### *Microbacterium sp. XT11*

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



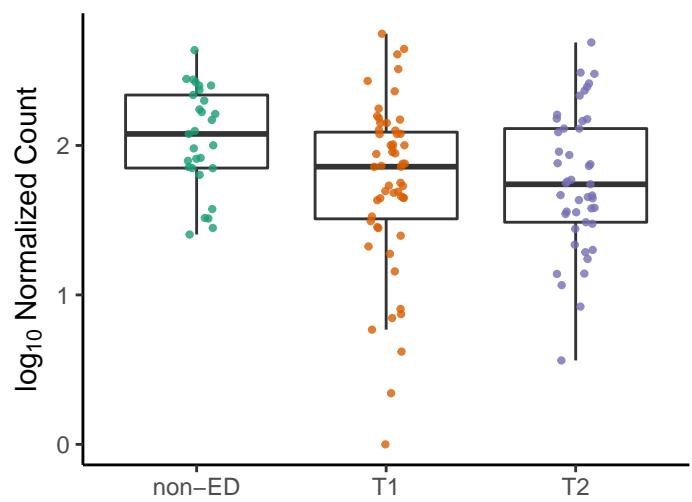
### *Microbacterium amylolyticum*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.87



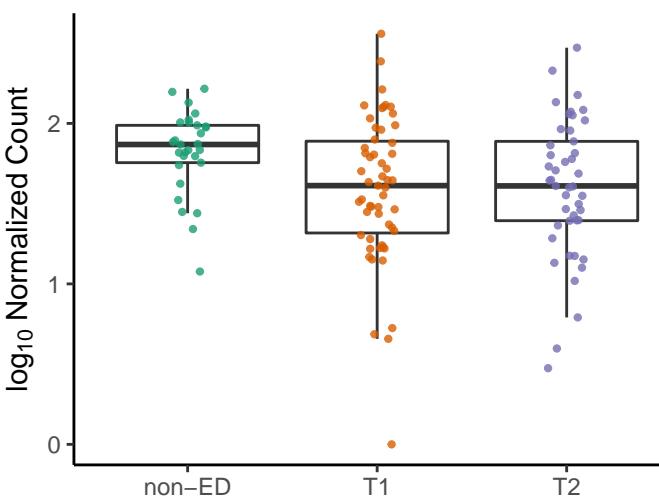
### *Tessaracoccus* sp. T2.5–30

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.96



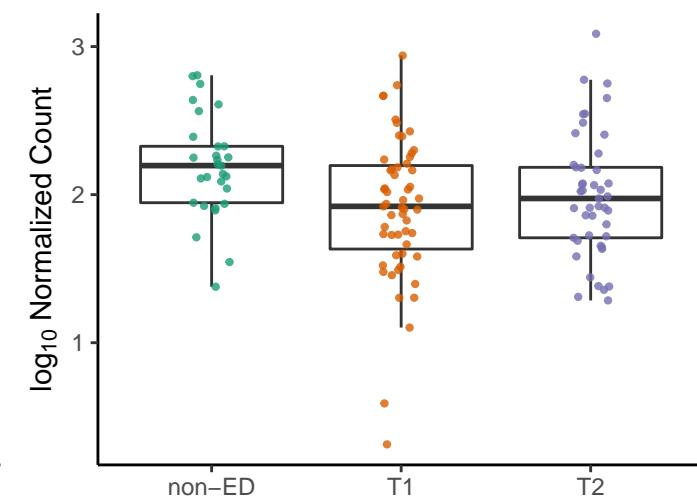
### *Stanieria cyanosphaera*

non-ED vs. T1 adjusted p = 0.012  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.91



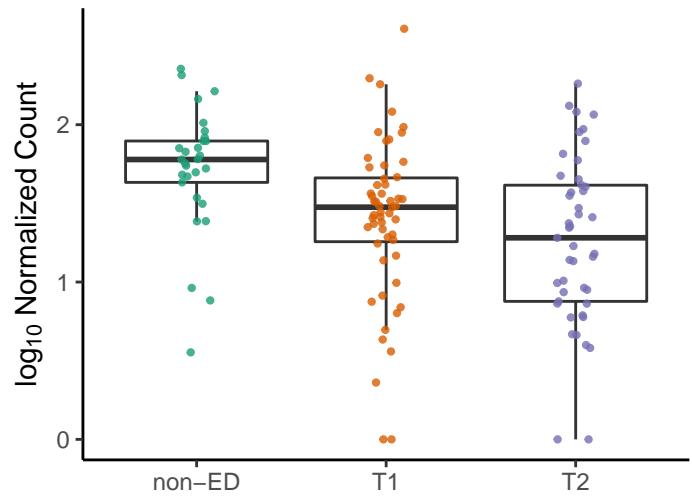
### *Kiritimatiella glycovorans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.85



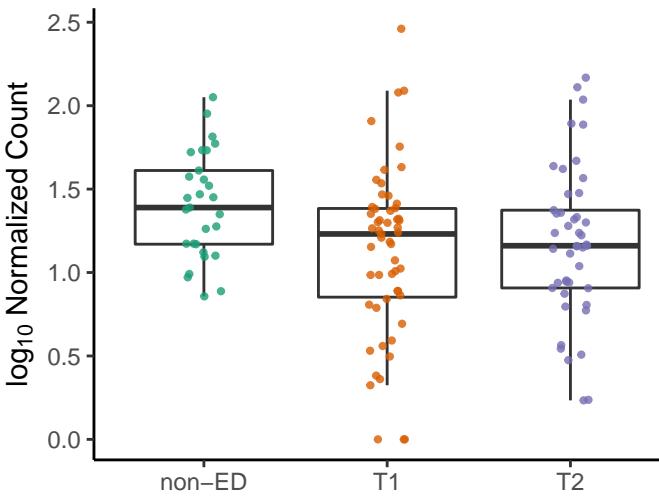
### *Winogradskyella* sp. J14–2

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.84



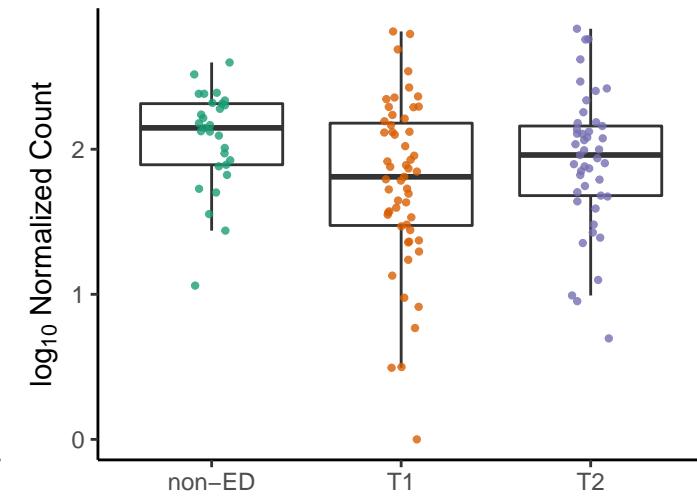
### *Alcaligenes aquatilis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.86



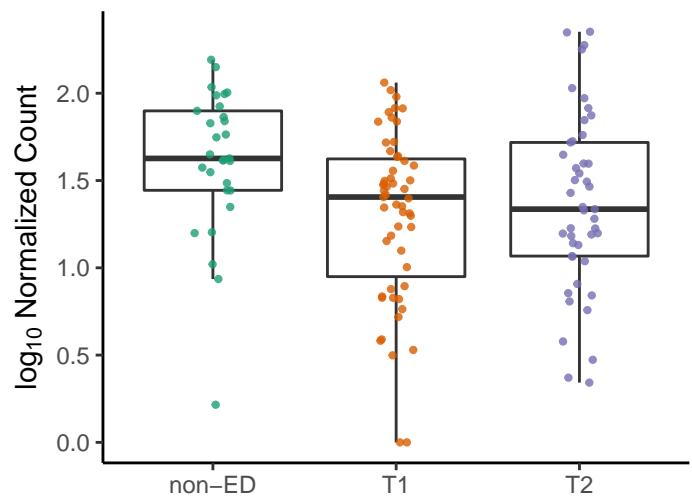
### *Corynebacterium nuruki*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



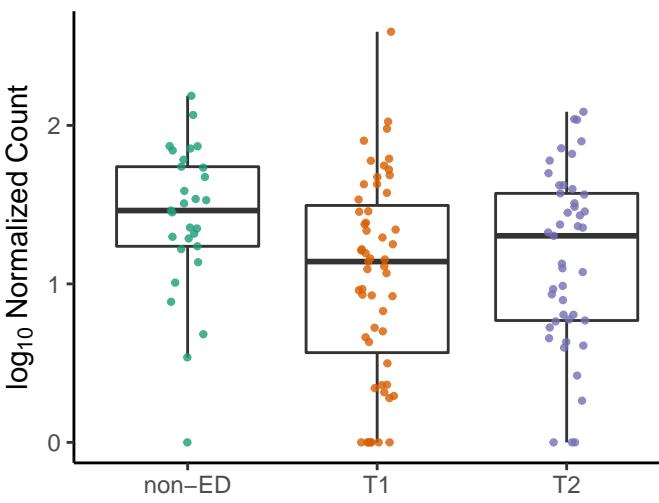
### *Legionella longbeachae*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.87



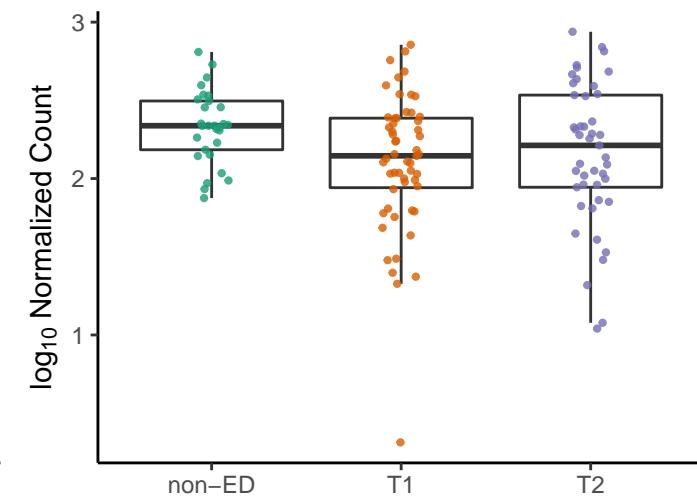
### *Acidilobus saccharovorans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



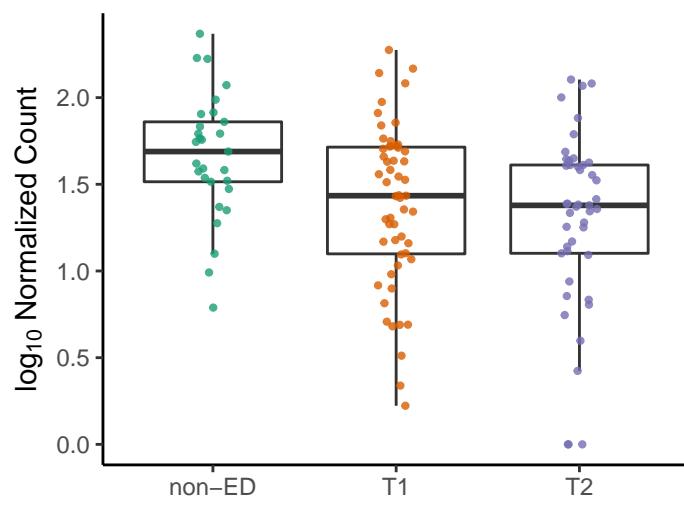
### *Cupriavidus metallidurans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



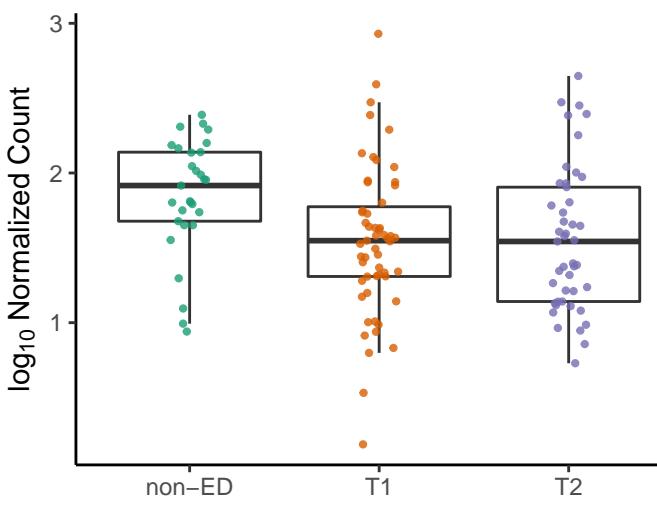
### *Francisella uliginis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



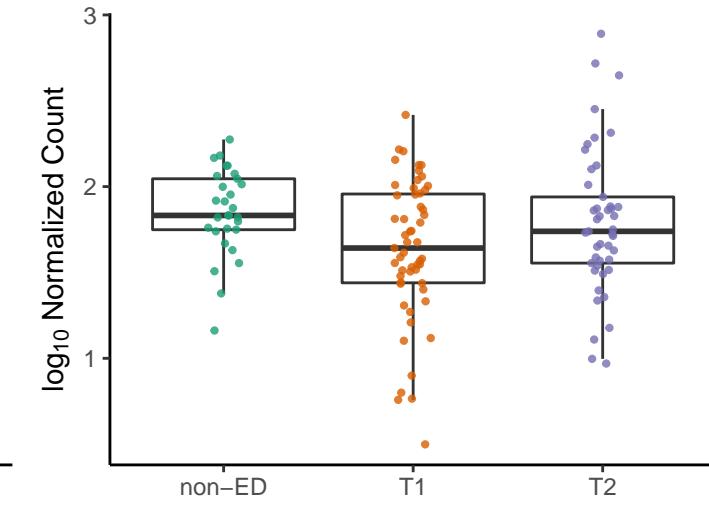
### *Pasteurellaceae bacterium RH1A*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.88



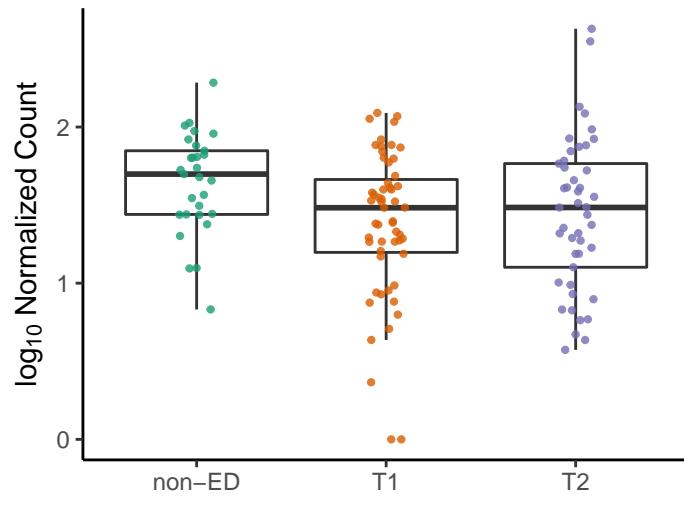
### Unclassified Methylomonas Genus

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.47  
 T1 vs. T2 adjusted p = 0.85



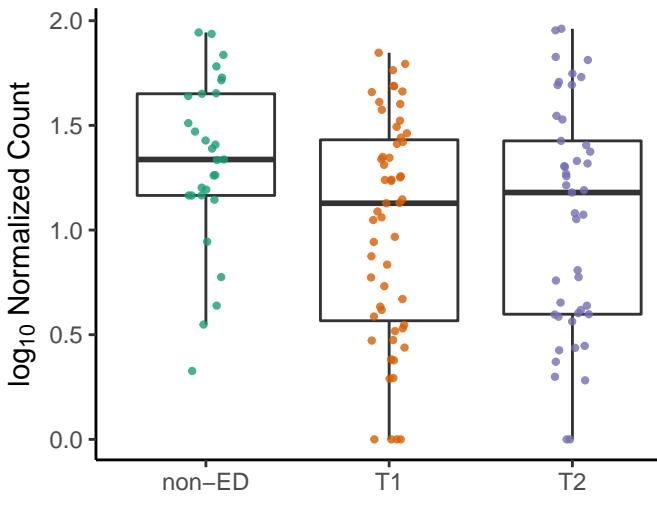
### *Yersinia frederiksenii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.94



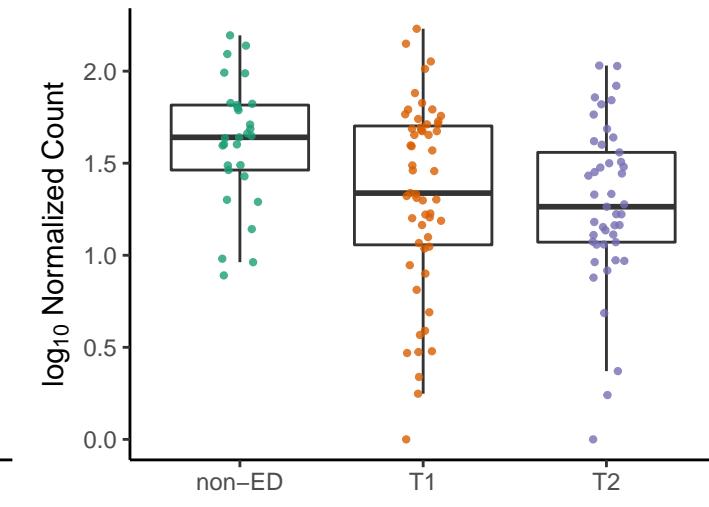
### *Cupriavidus malaysiensis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.87



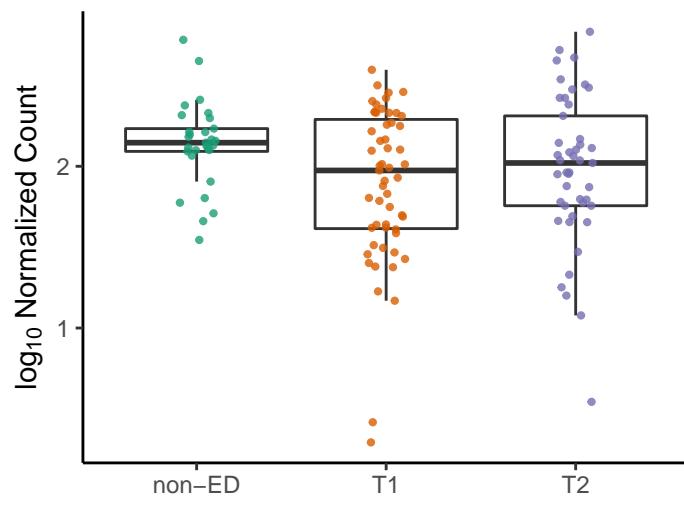
### *Legionella hackeliae*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.92



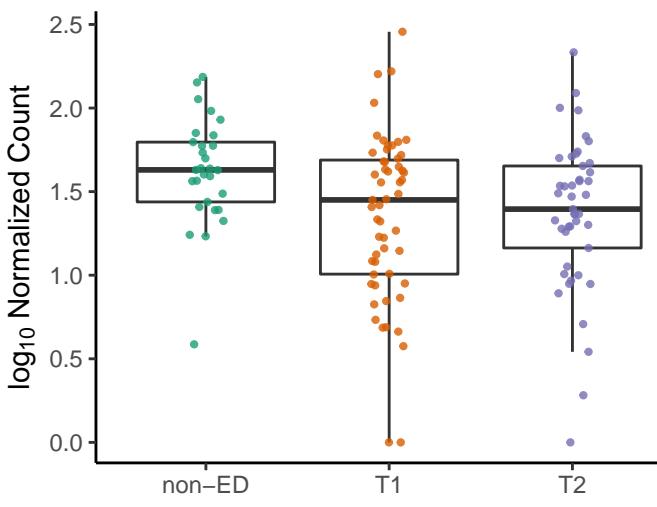
### *Pelodictyon luteolum*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



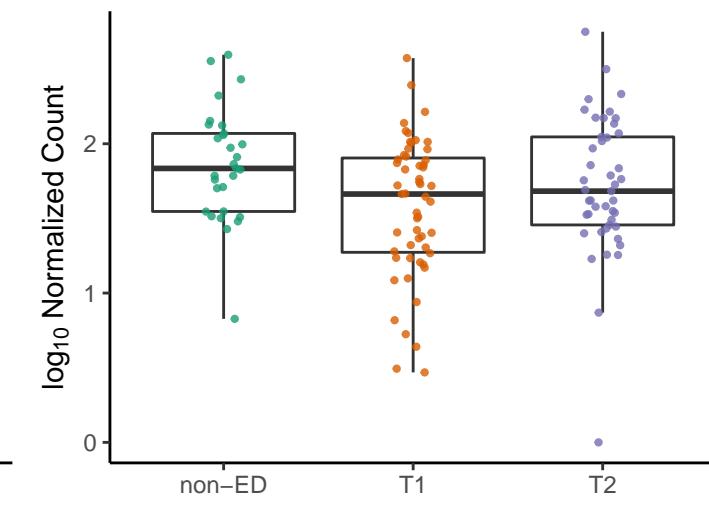
### *Rhodococcus sp. S2-17*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98

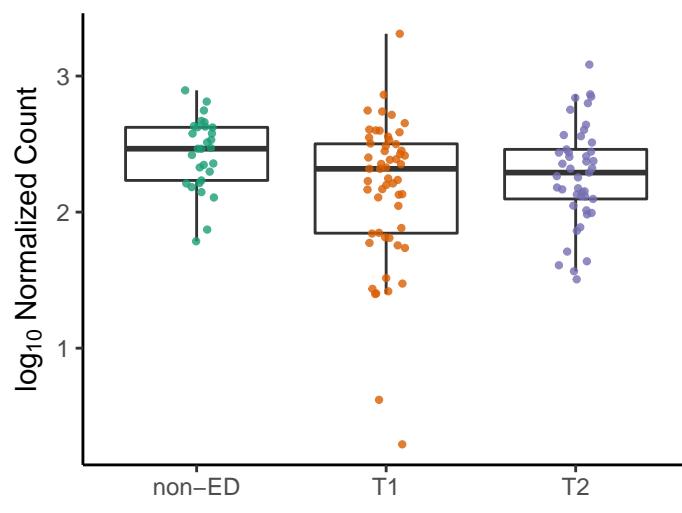


### *Maricaulis maris*

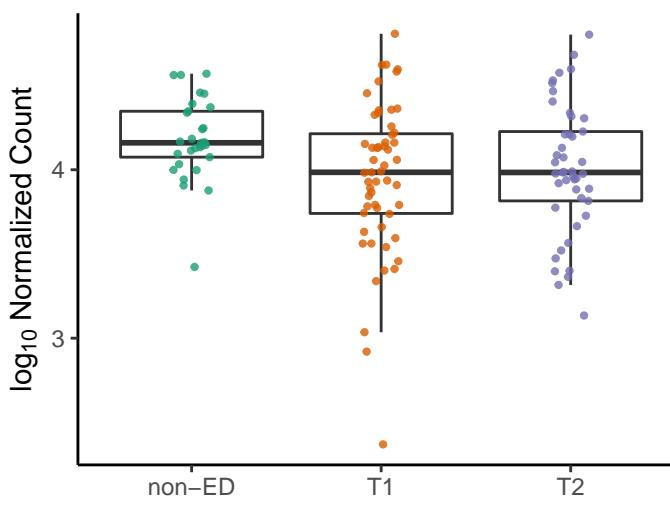
non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.84



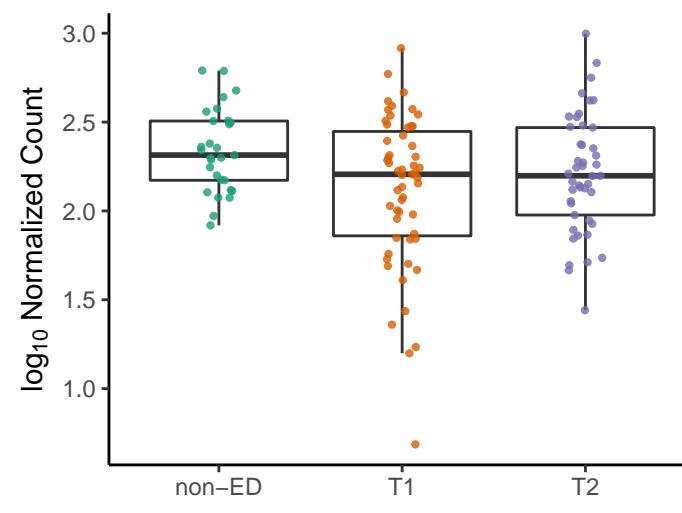
*Pseudomonas oryzihabitans*  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.85



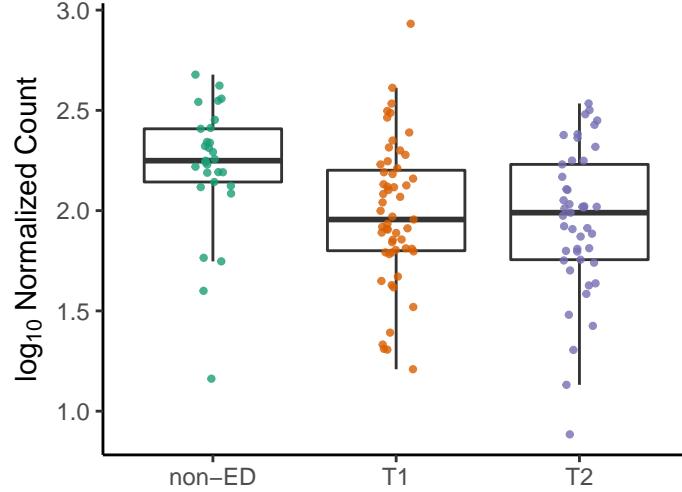
Unclassified Actinobacteria Class  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



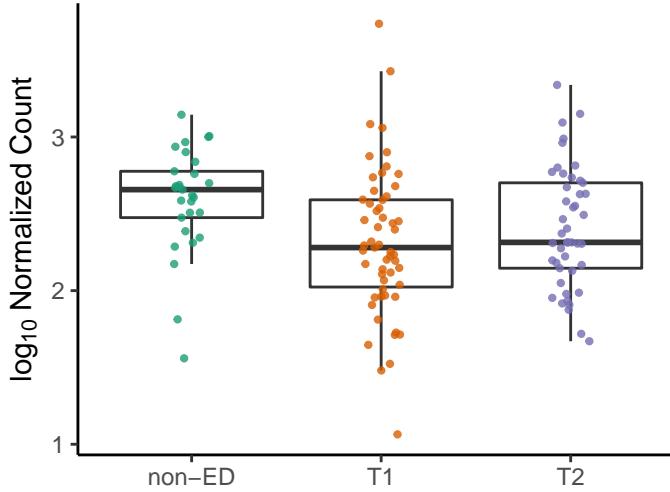
*Geoalkalibacter subterraneus*  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.85



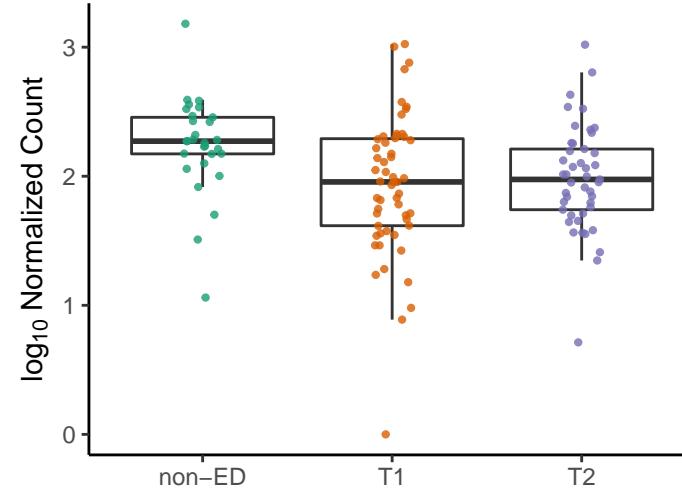
*Bacillus pseudomycoides*  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.94



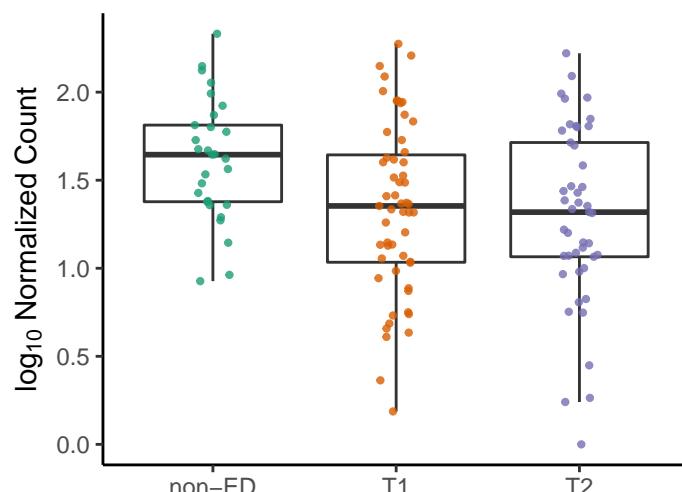
Unclassified Actinoplanes Genus  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.85



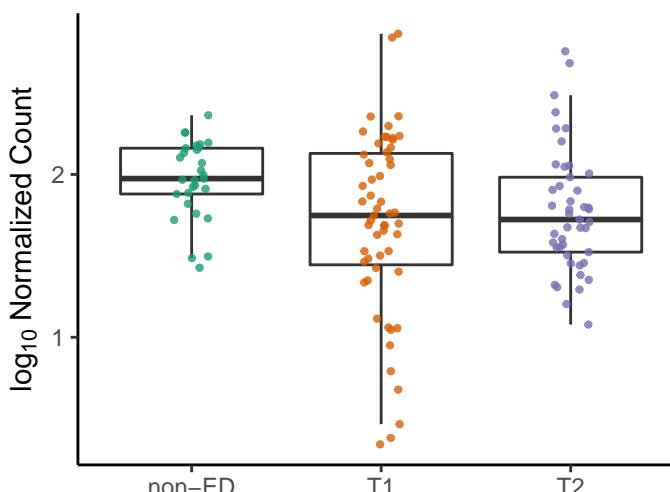
*Rhizobium* sp. 11515TR  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.85



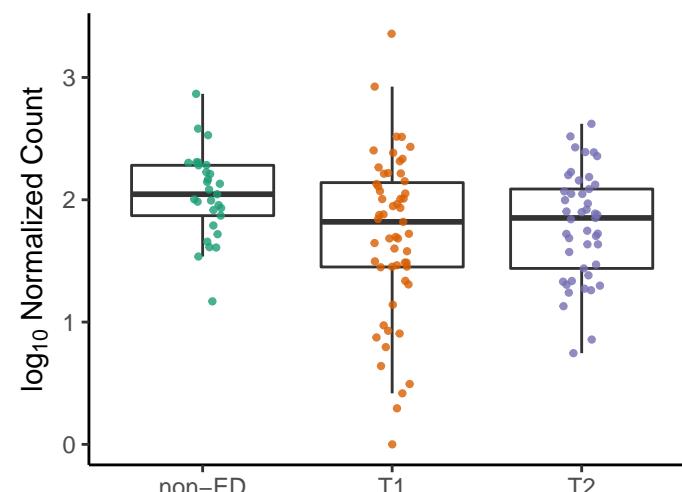
*Acinetobacter* sp. ACNIH2  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.98



*Corynebacterium uterequi*  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85

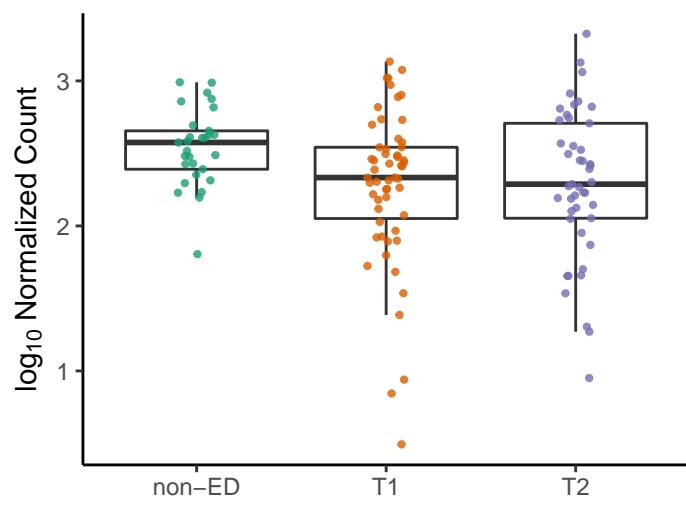


*Nocardioides* sp. JS614  
non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85



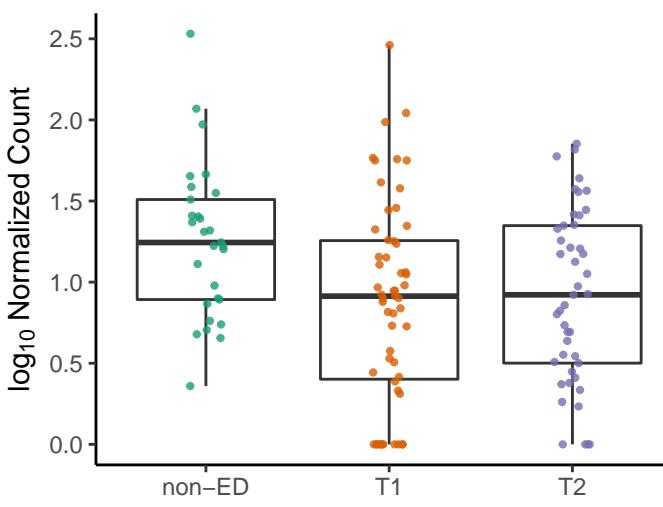
### Pseudodesulfobacter indicus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.9



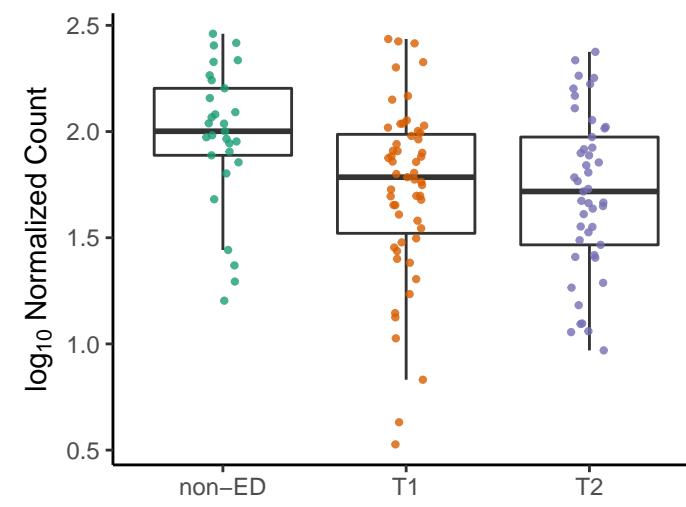
### Unclassified Rhodobacter Genus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.92



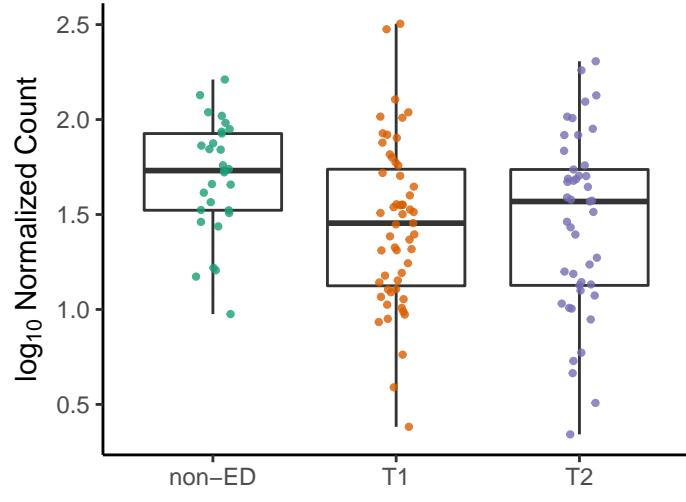
### Anoxybacillus amyloolyticus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.86



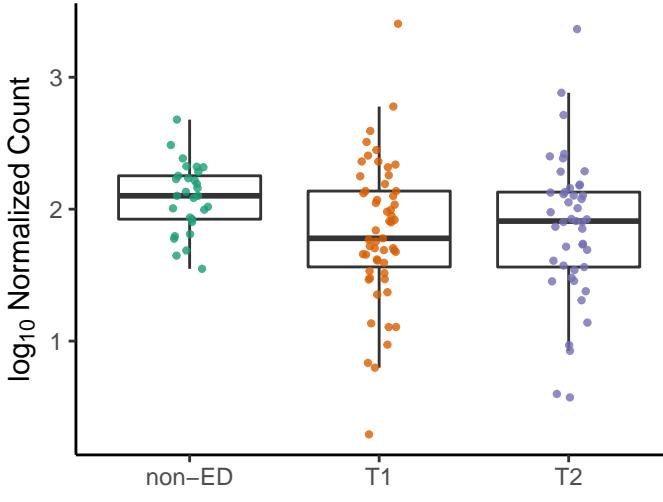
### Burkholderia sp. PAMC 26561

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.97



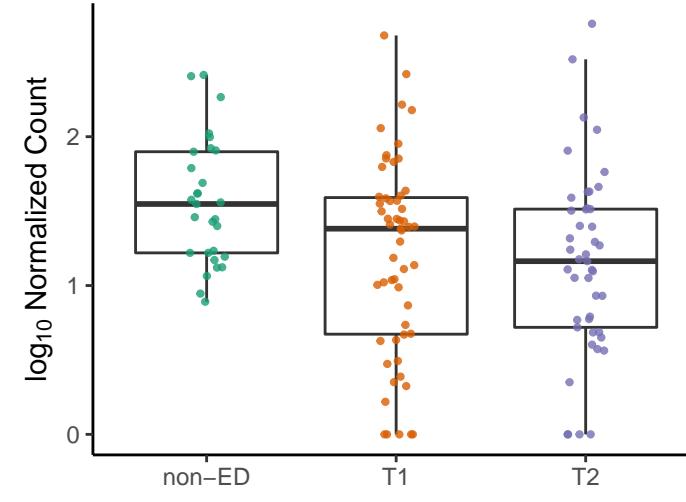
### Hartmannibacter diazotrophicus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.95



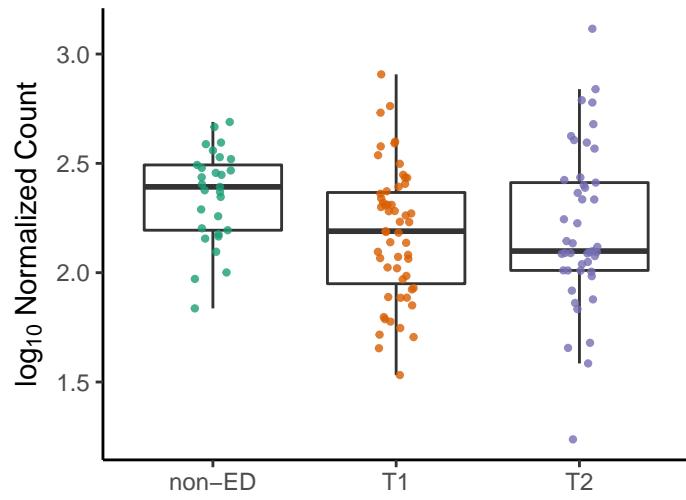
### Unclassified Sutterella Genus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.0094  
T1 vs. T2 adjusted p = 0.98



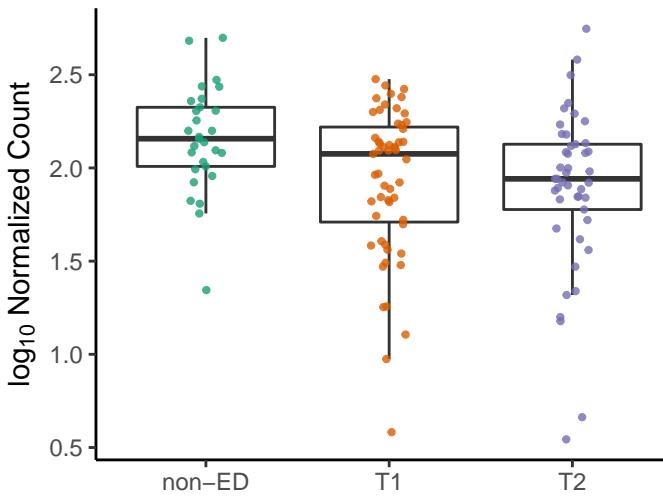
### Sphaerochaeta pleomorpha

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.86



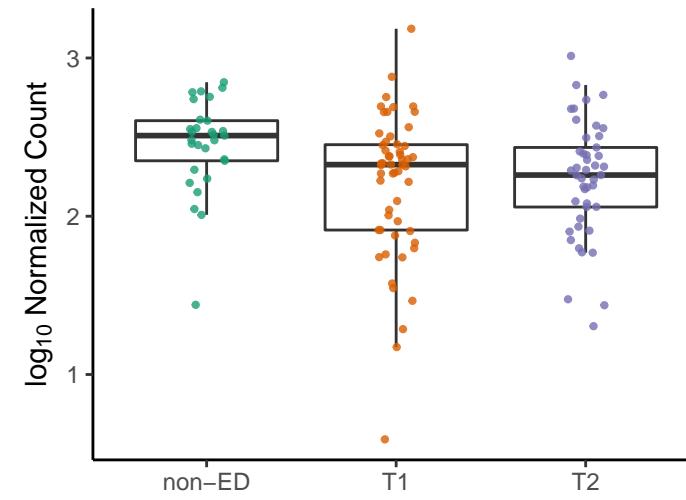
### Mucilaginibacter rubeus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.95



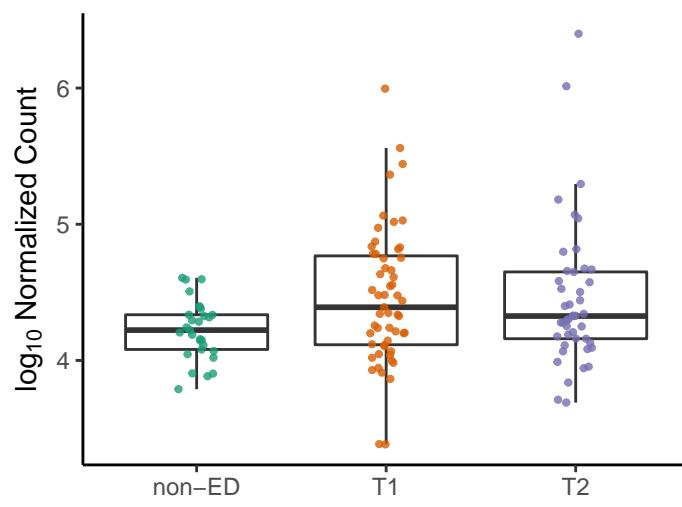
### Asticcacaulis excentricus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.9



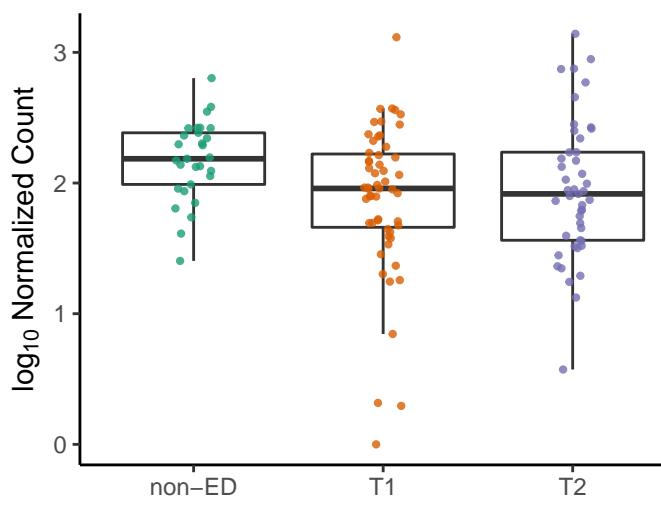
### [Clostridium] innocuum

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.95



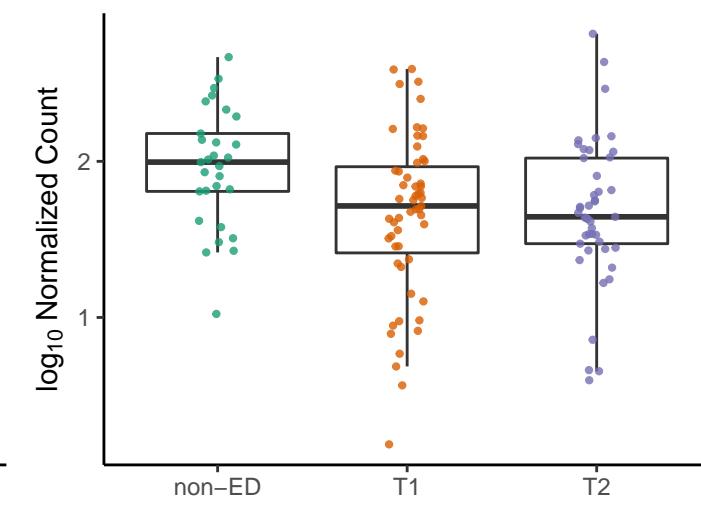
### Bradyrhizobium sp. ORS 278

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.85



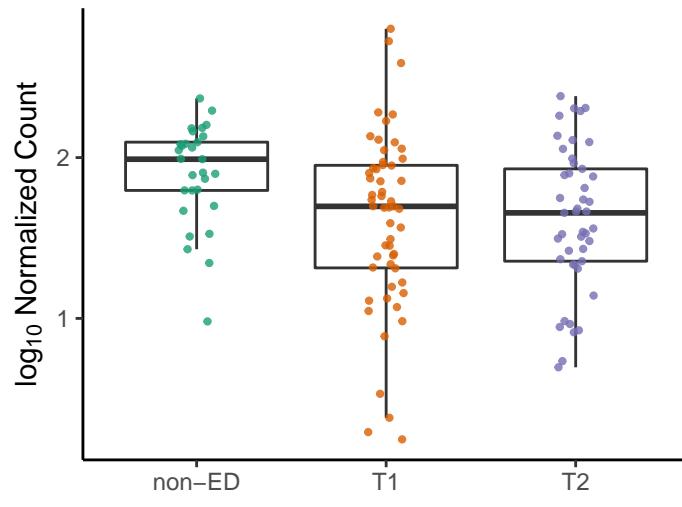
### Mixta calida

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



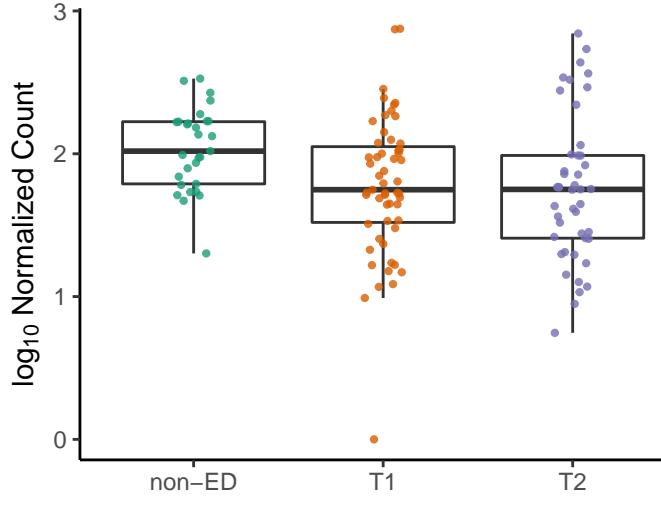
### Nocardioides sp. dk3136

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.97



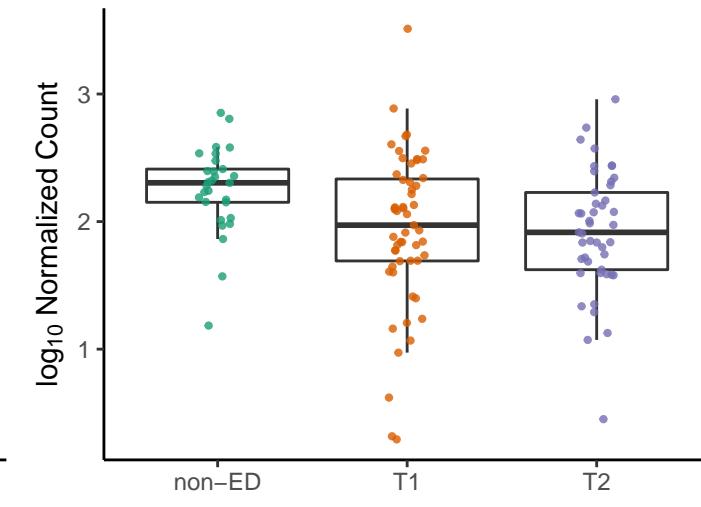
### Pseudomonas sp. TCU-HL1

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 1



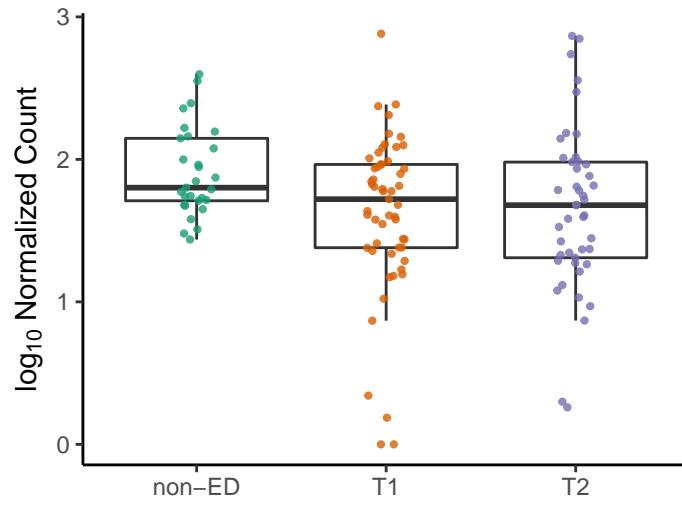
### Melaminivora sp. SC2-9

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.89



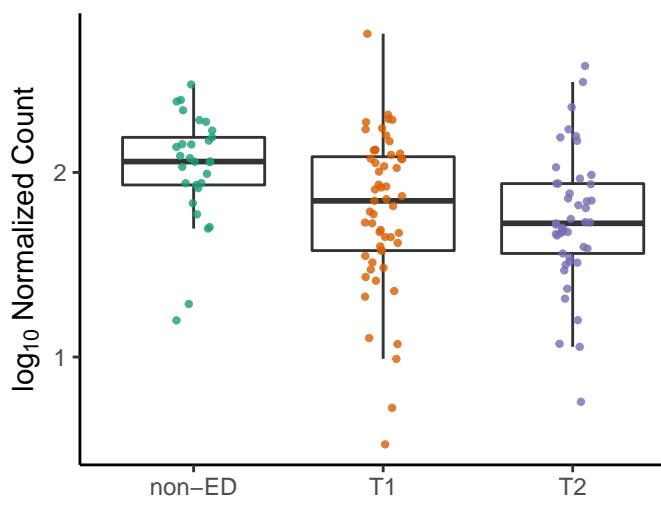
### Paraburkholderia terricola

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.87



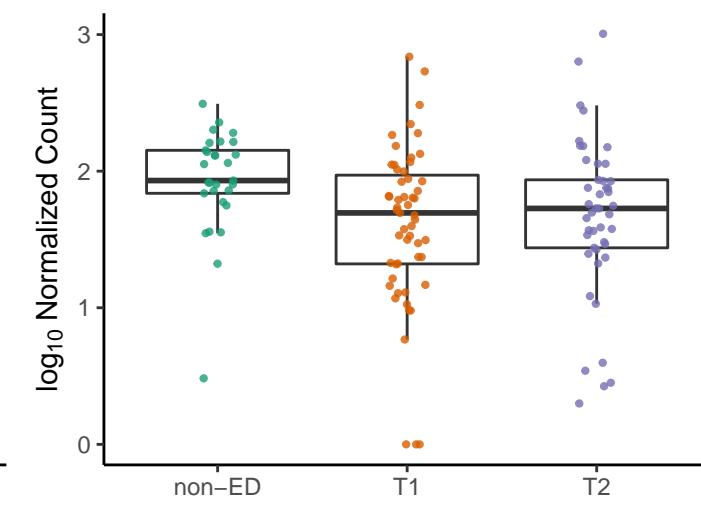
### Jeotgalibaca dankookensis

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.87



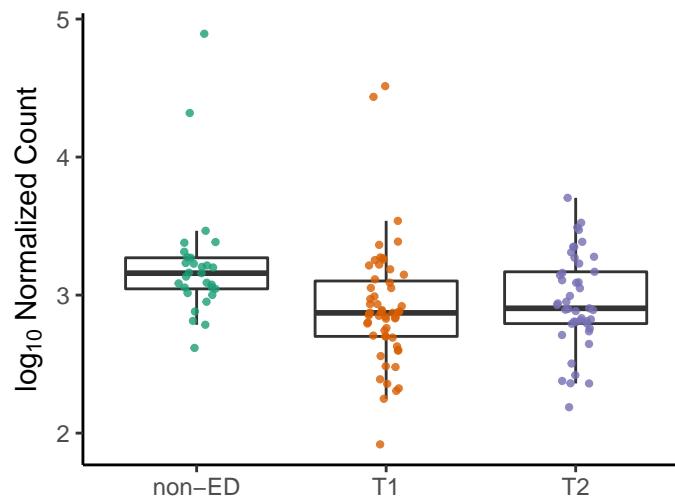
### Planctomycetes bacterium SV\_7m\_r

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.85



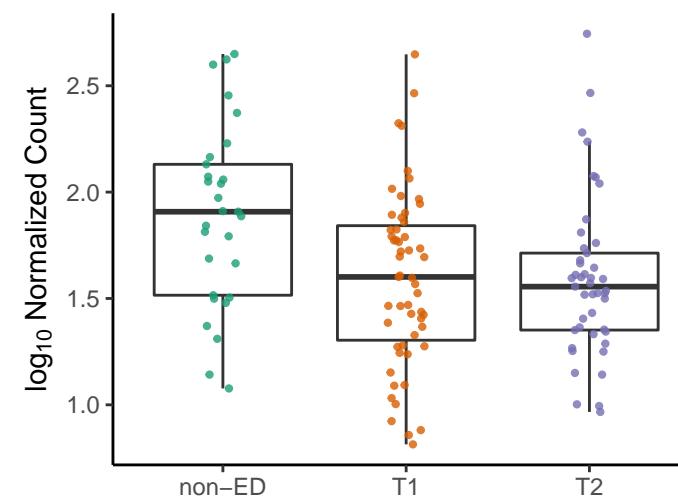
### *Megasphaera elsdenii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



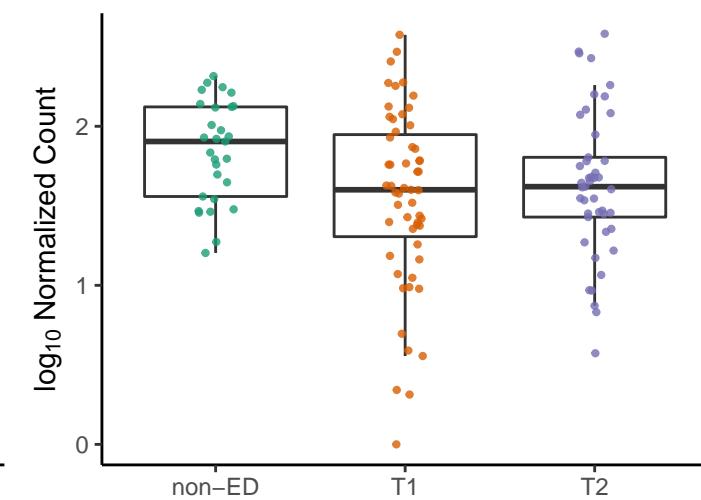
### *Staphylococcus kloosii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.95



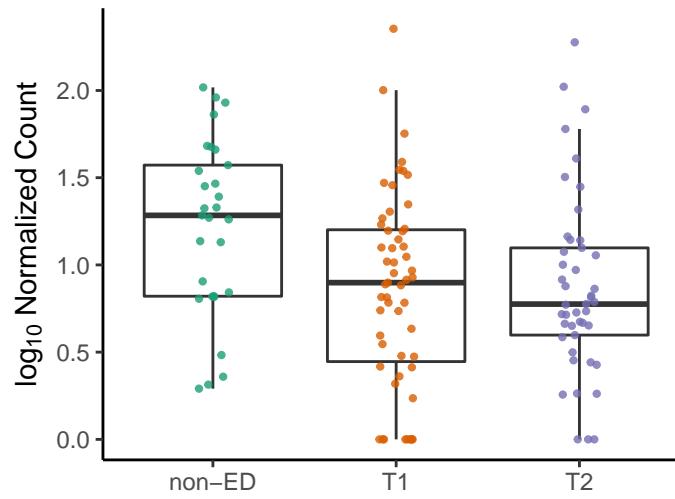
### Unclassified Methylobacterium Genus

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



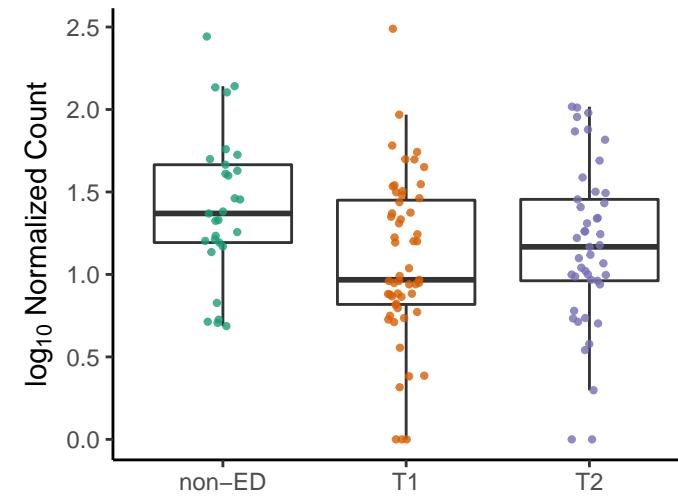
### *Microbacterium paraoxydans*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.99



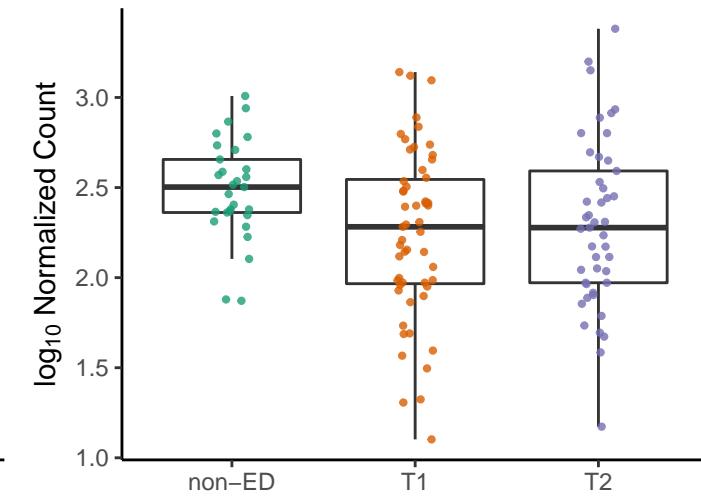
### *Thermococcus celer*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.85



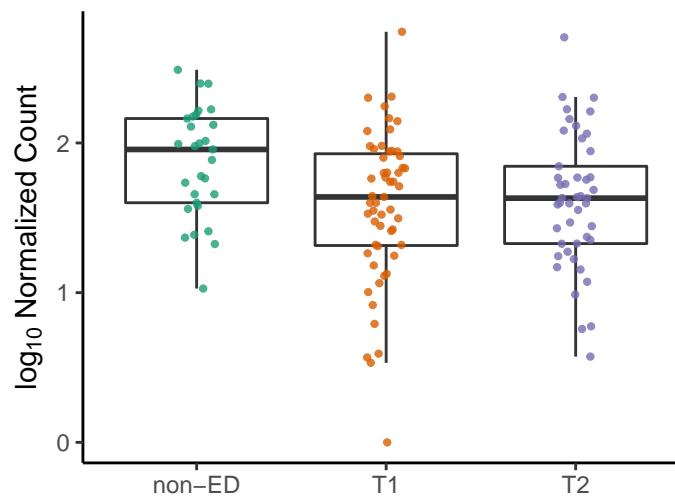
### *Nonomuraea* sp. WYY166

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.85



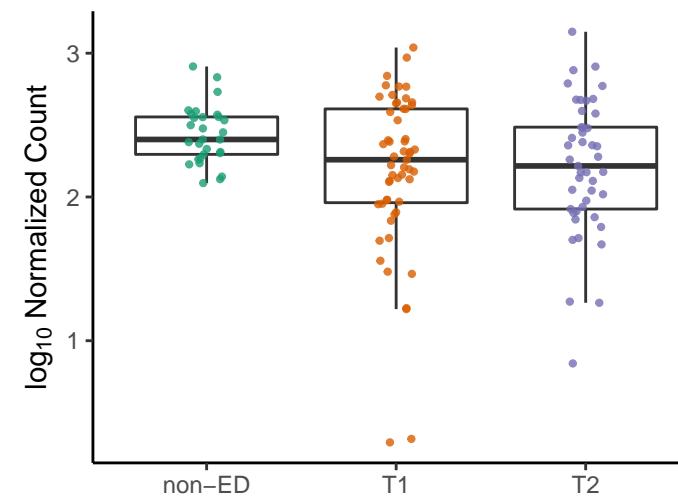
### Diaminobutyricimonas sp. LJ205

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



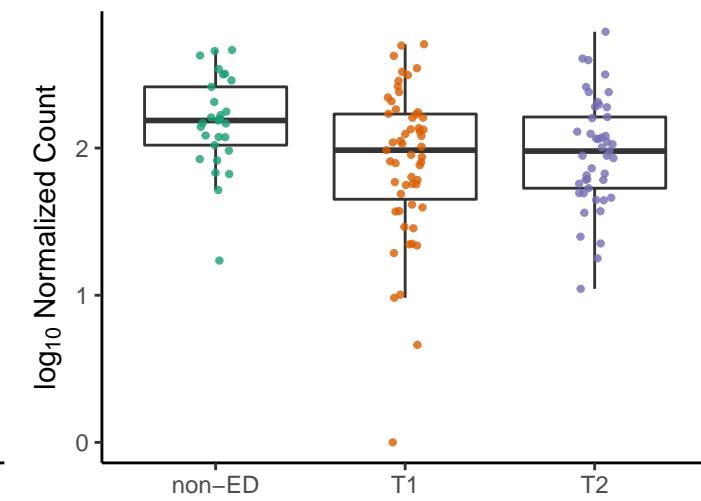
### Unclassified Thermus Genus

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.87



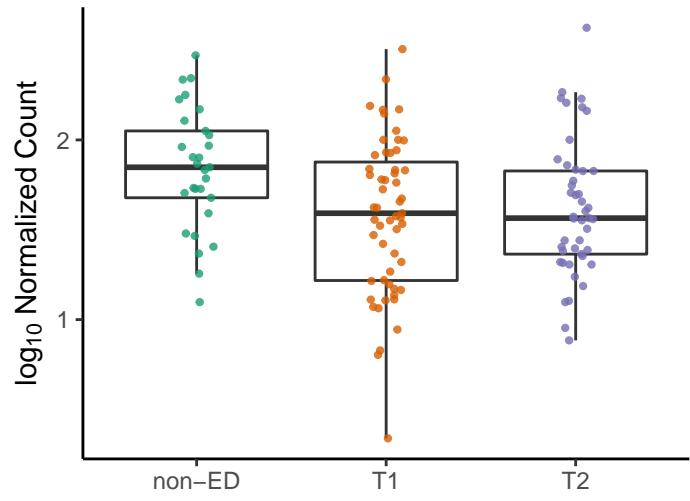
### *Bordetella trematum*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



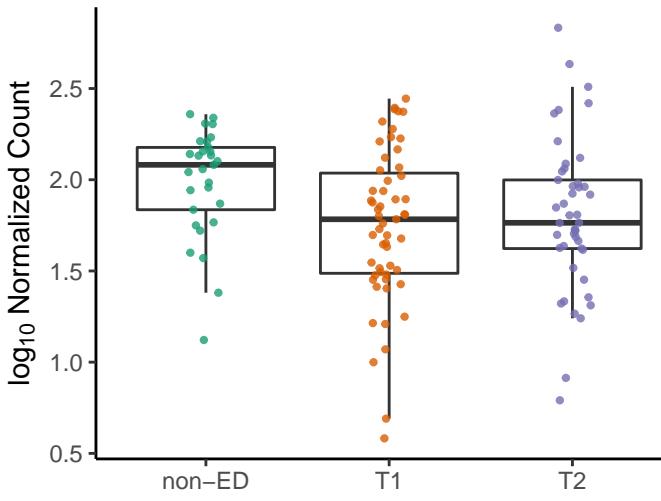
### *Francisella tularensis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.87



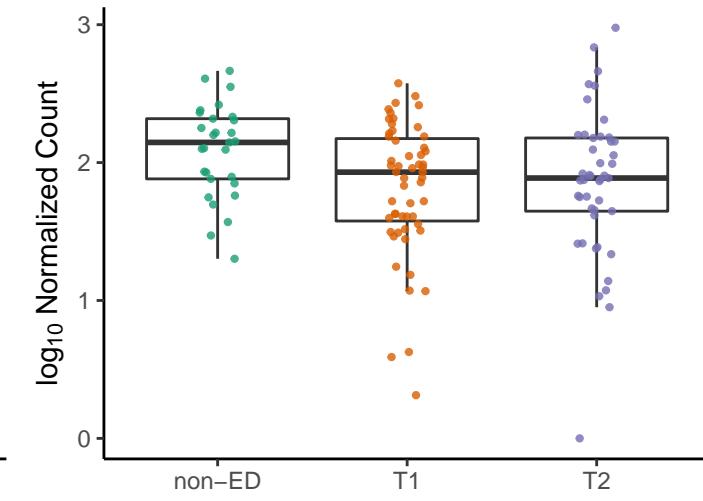
### *Listeria sp. PSOL-1*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.89



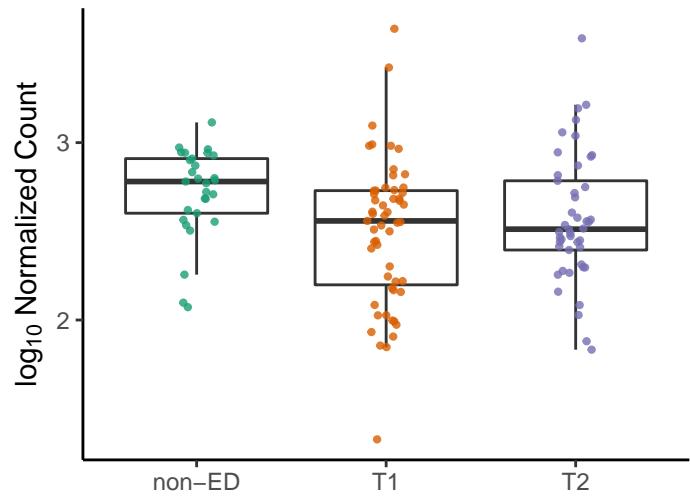
### *Micromonospora echinaurantiaca*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.87



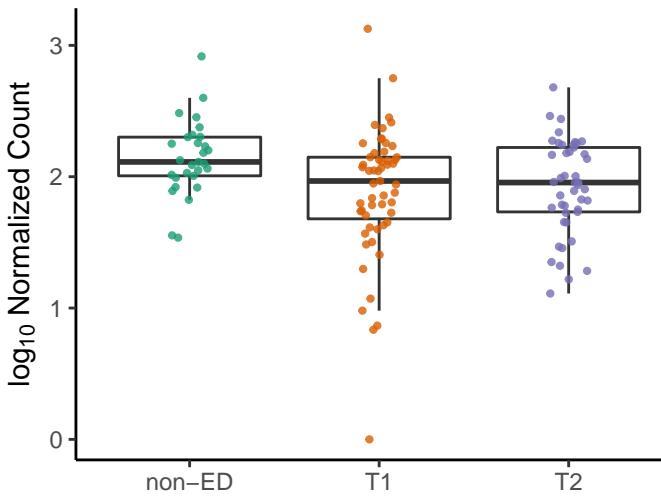
### *Peptoniphilus ivorii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.85



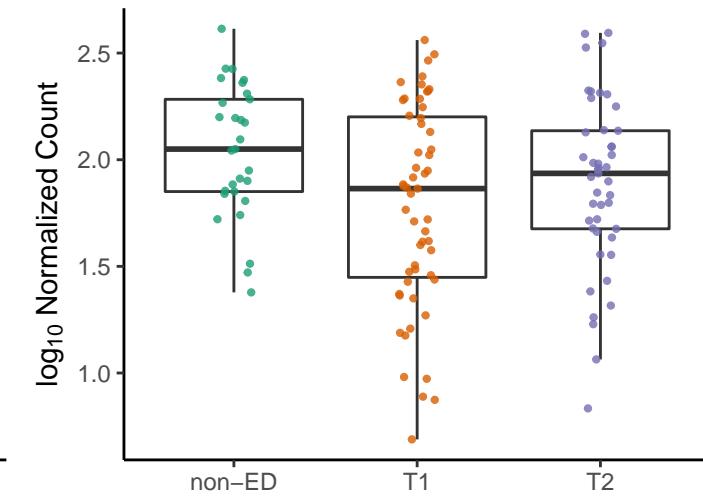
### *Pseudomonas parafulva*

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



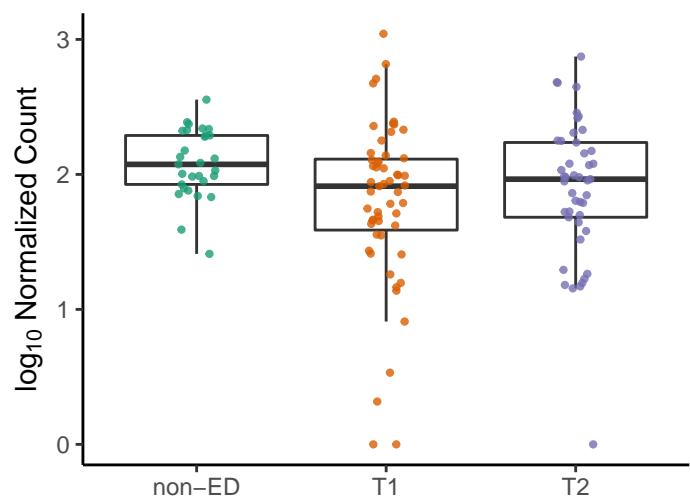
### *Aminobacter sp. MSH1*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



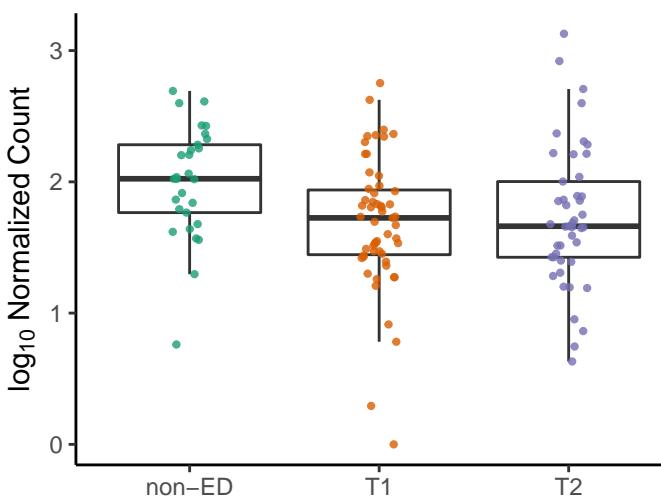
### Unclassified Hydrogenophaga Genus

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.85



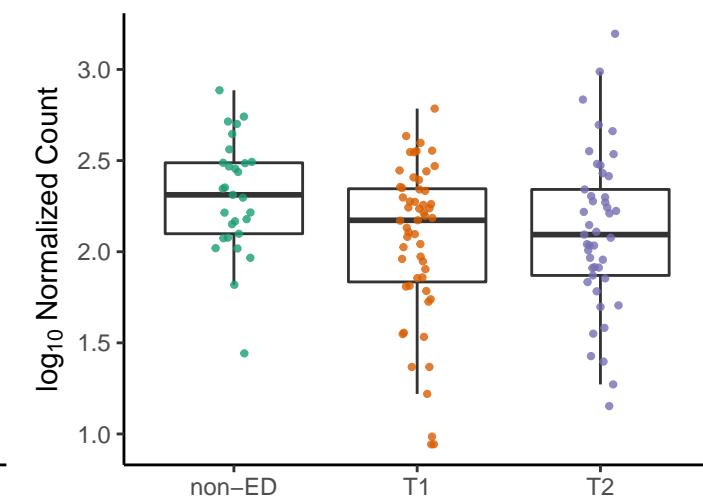
### *Mycolicibacterium confluentis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



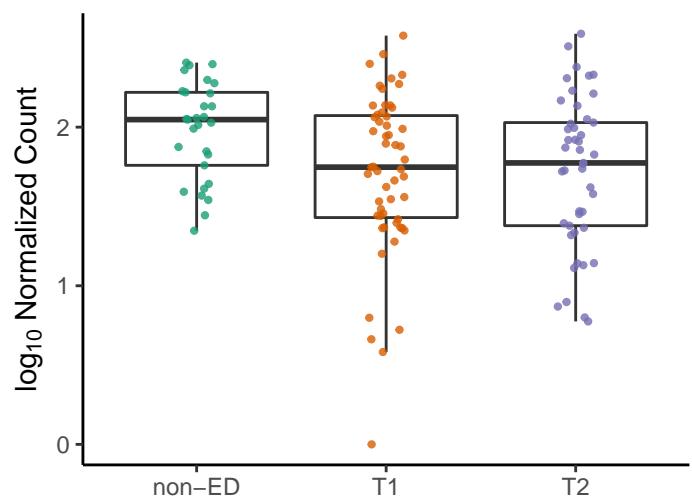
### *Actinomyces qiguomingii*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



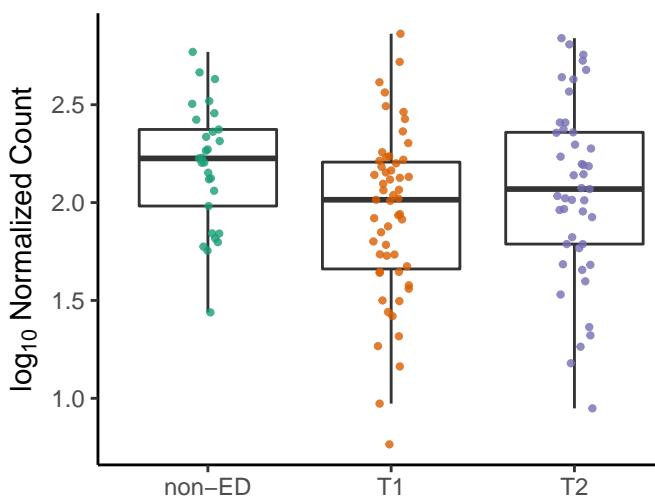
### *Neisseria* sp. KEM232

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.95



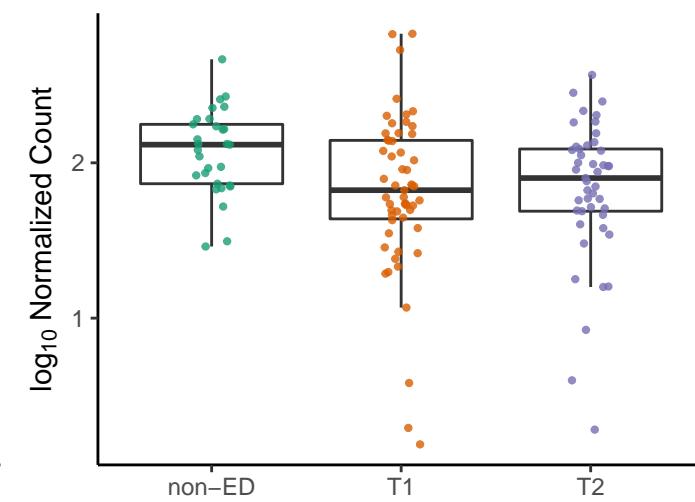
### [*Polyangium*] *brachysporum*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



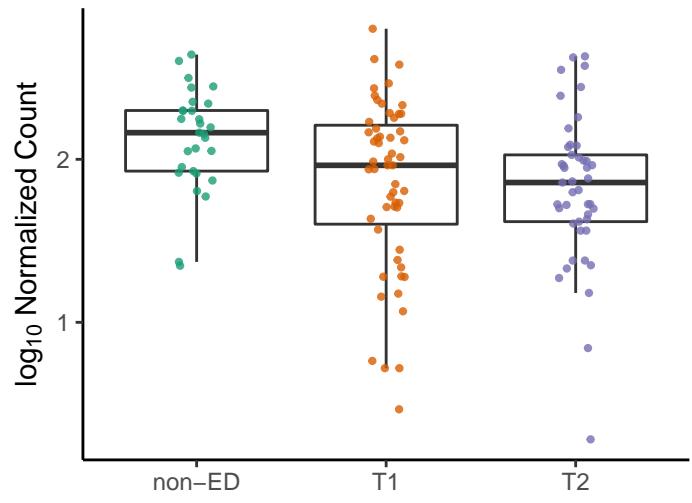
### *Mixta gaviniae*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.87



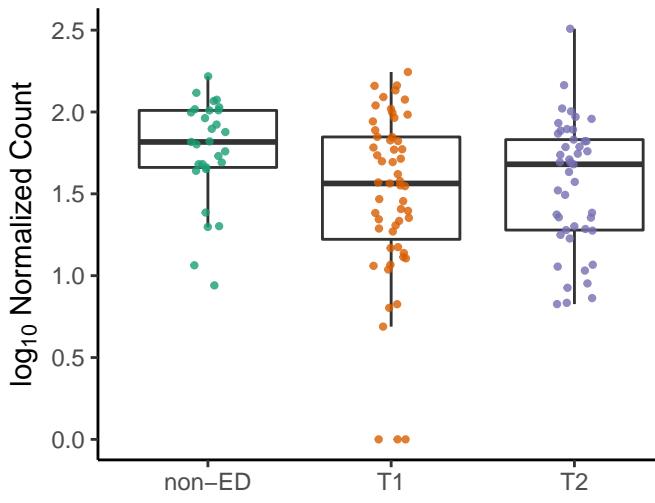
### *Sulfitobacter* sp. AM1-D1

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.94



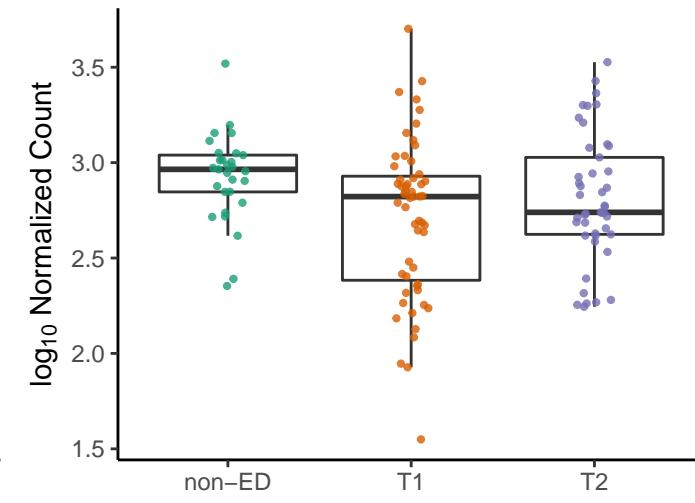
### *Corynebacterium epidermidicanis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.85



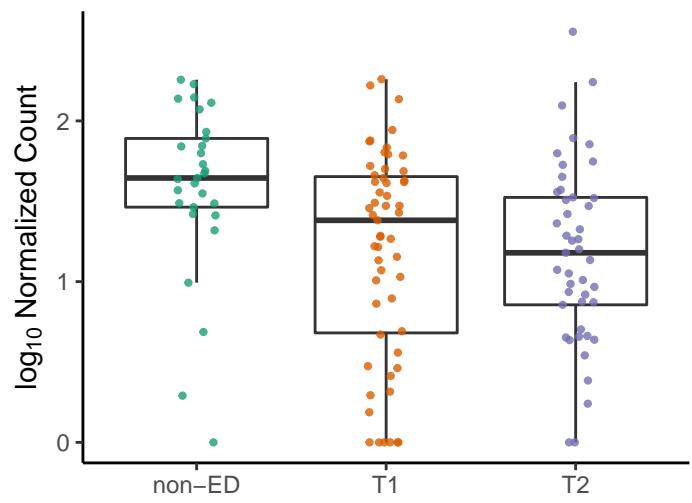
### *Pseudomonas stutzeri*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



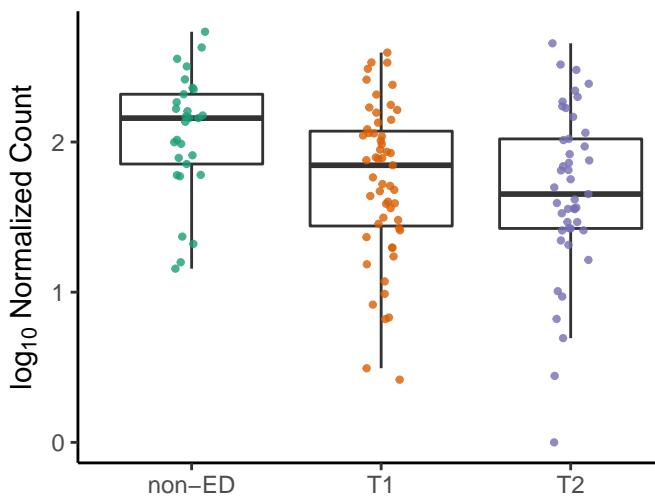
### *Sphingobium* sp. YBL2

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



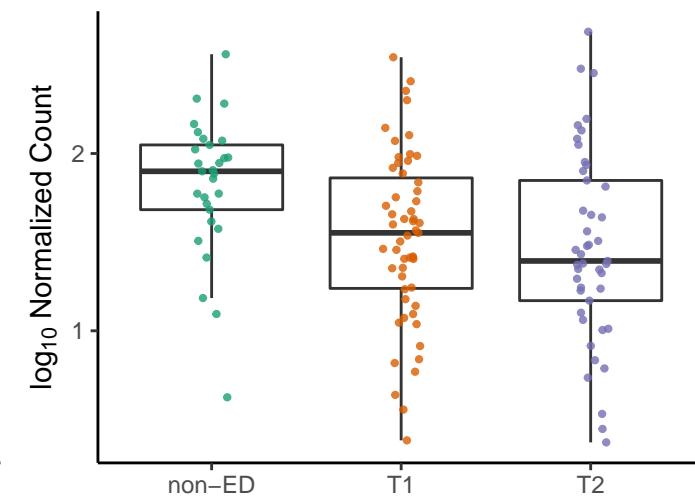
### *Streptomyces* sp. Go-475

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.99



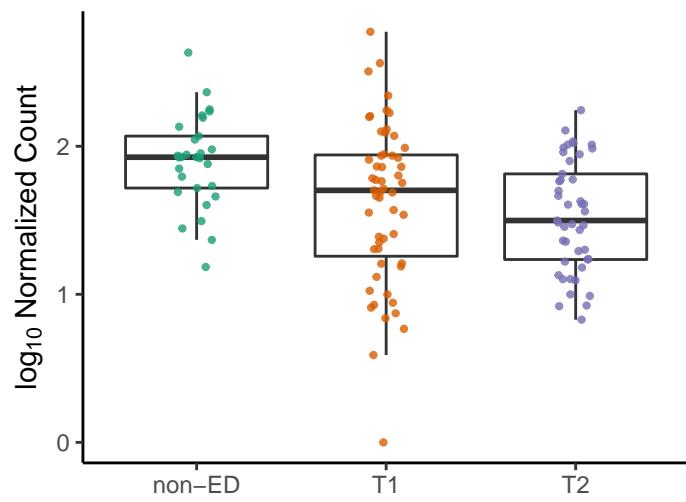
### *Helicobacter bilis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.91



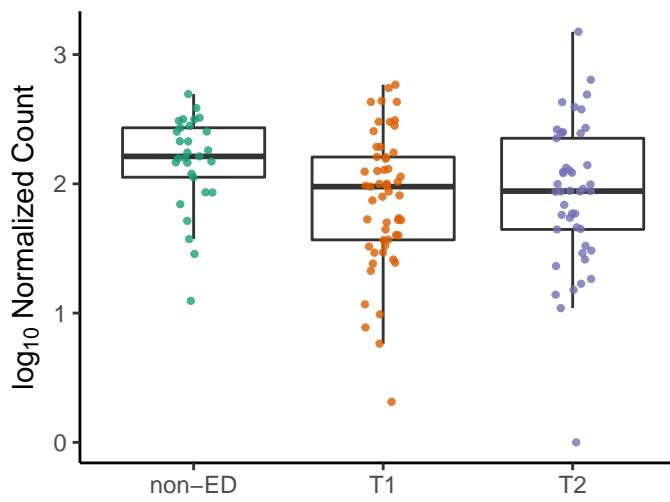
### *Neisseria canis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.002  
 T1 vs. T2 adjusted p = 0.91



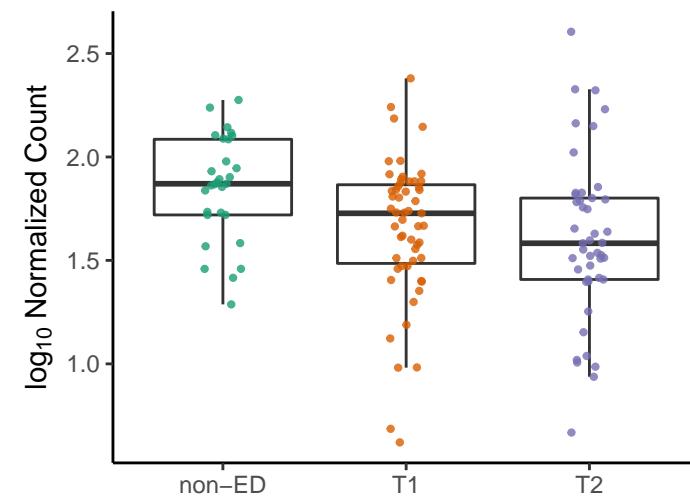
### *Arsenicicoccus* sp. oral taxon 190

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.91



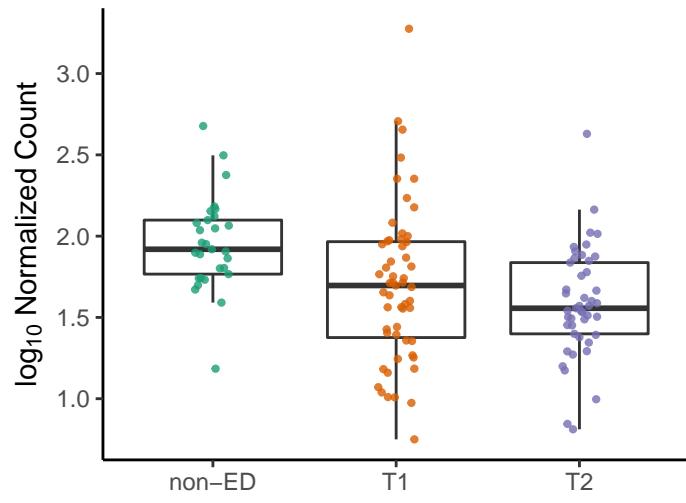
### *Janthinobacterium* sp. B9-8

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.9



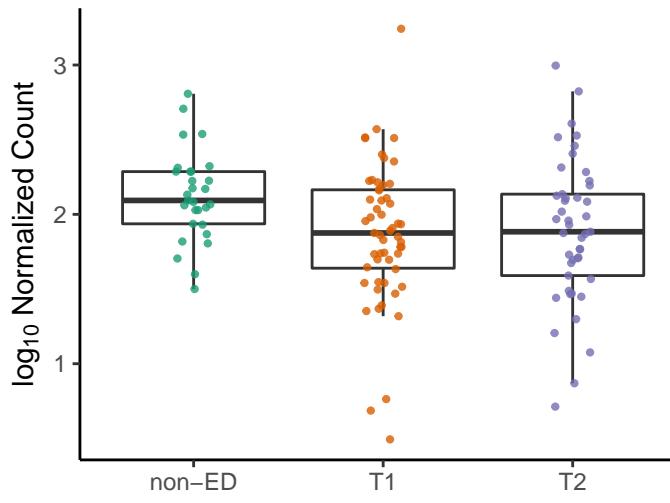
### *Enterobacter* soli

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0014  
 T1 vs. T2 adjusted p = 0.85



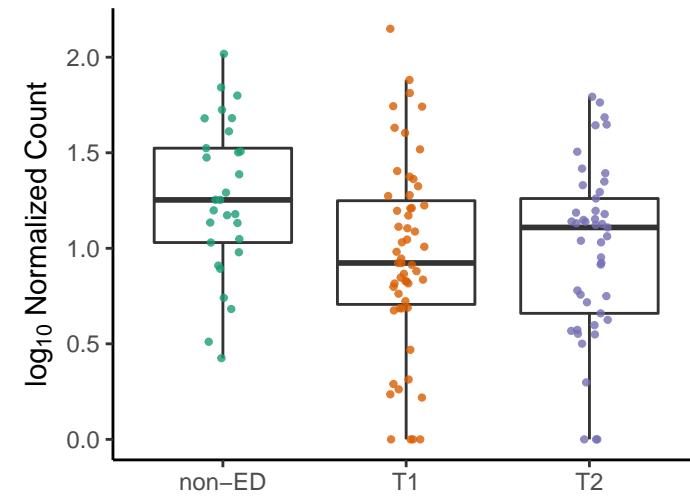
### *Burkholderia* glumae

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



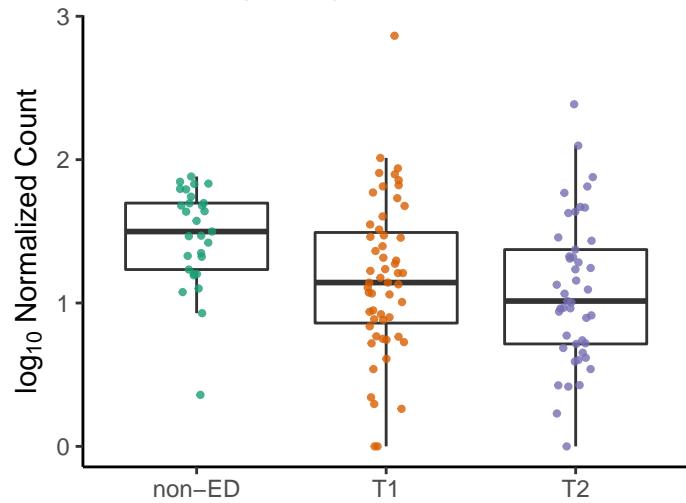
### *Halomonas* sp. A3H3

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



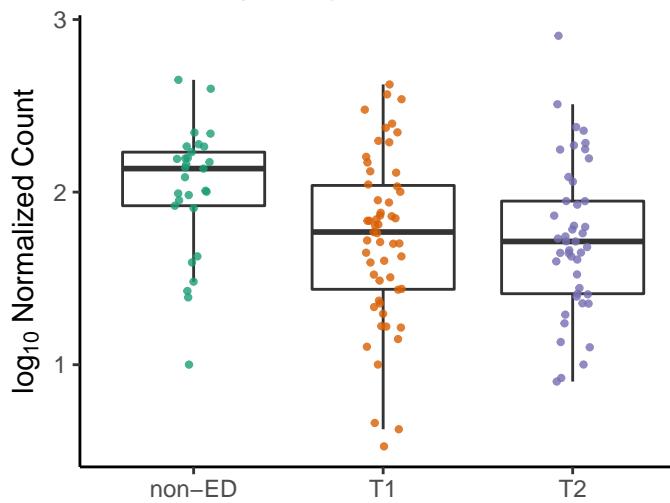
### *Campylobacter* iguaniorum

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.85



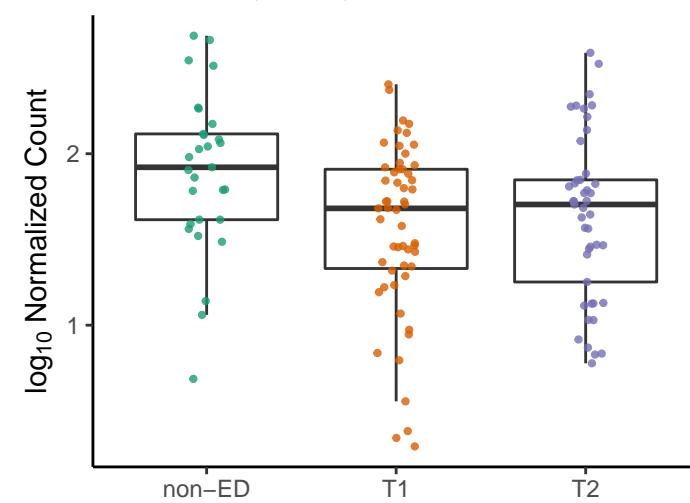
### *Arcobacter* cryaerophilus

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.9



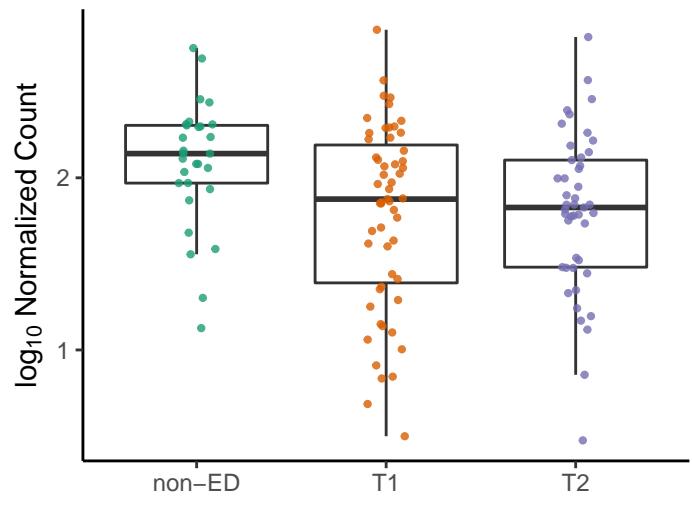
### *Corynebacterium* renale

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.85



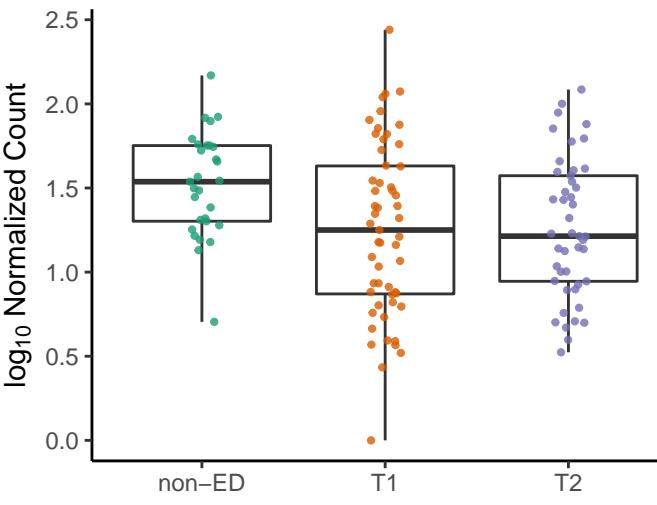
### *Streptomyces katrae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.91



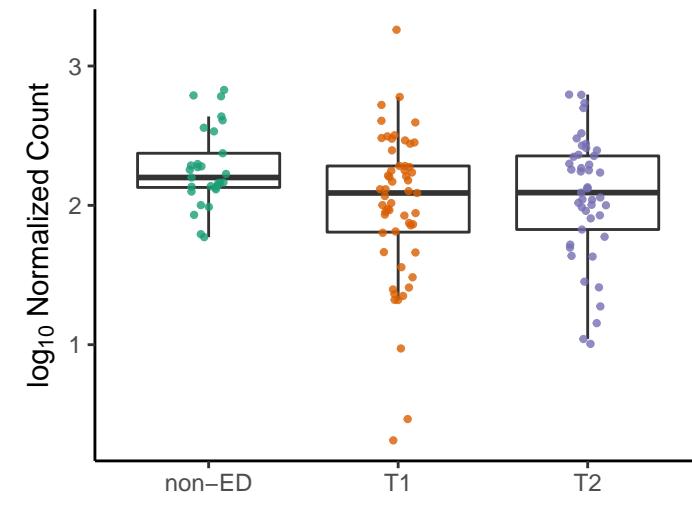
### *Colwellia* sp. PAMC 21821

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



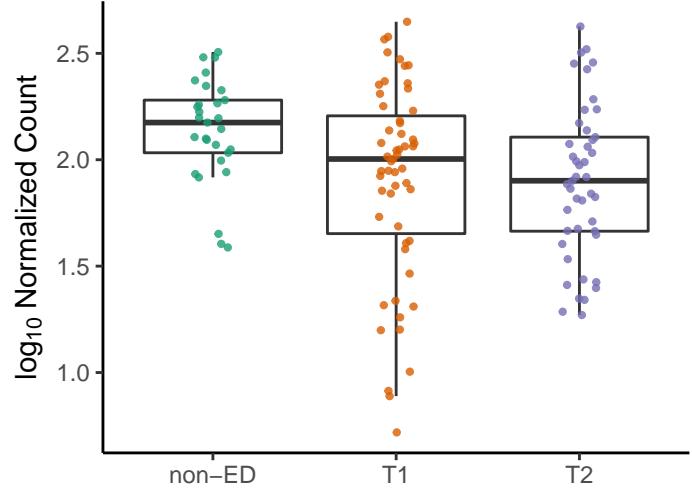
### *Streptomyces* sp. 3214.6

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



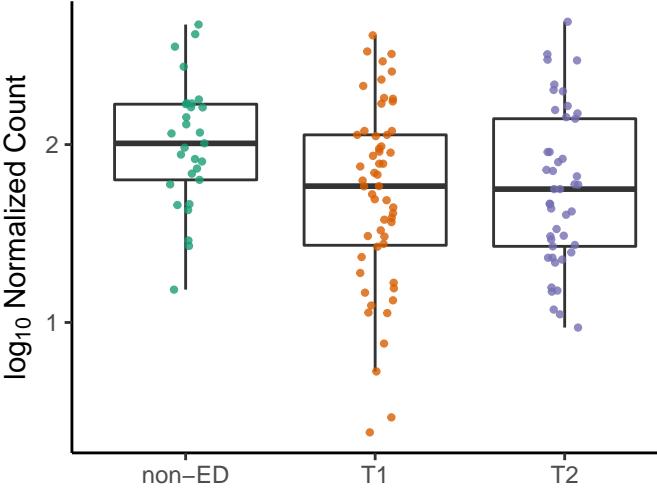
### *Niveispirillum cyanobacteriorum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 1



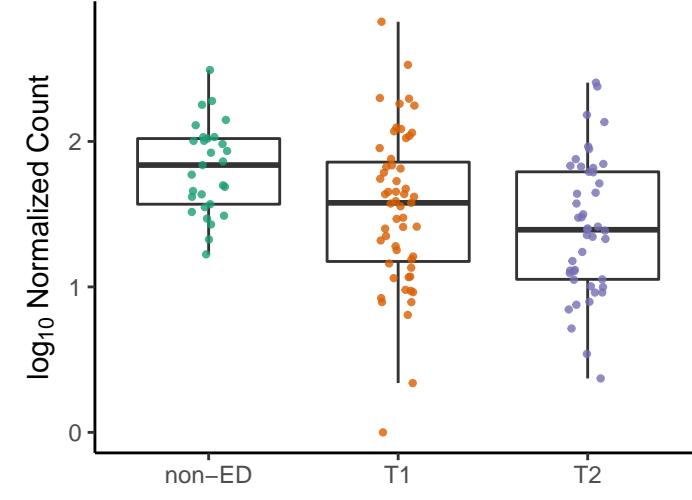
### *Sphingomonas* sp. Cra20

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



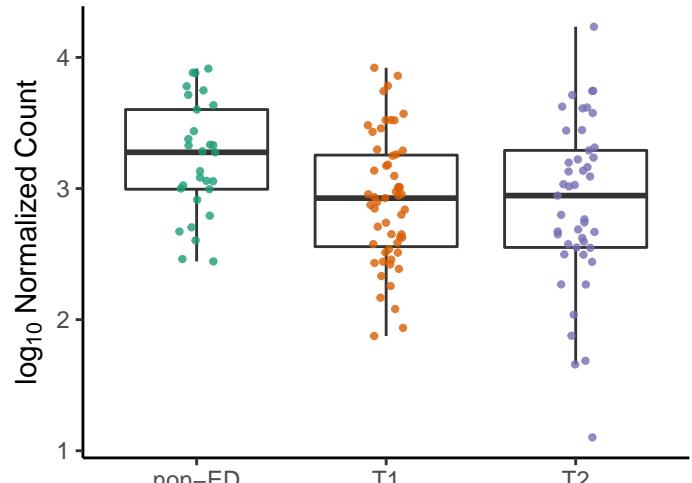
### *Campylobacter hepaticus*

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



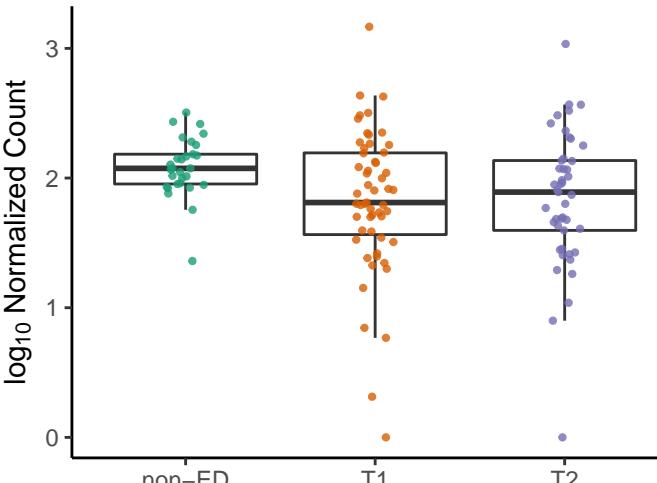
### *Streptococcus agalactiae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.92



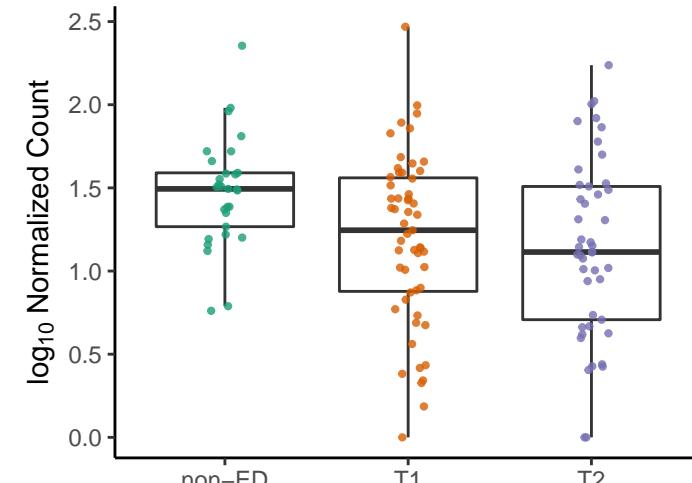
### *Aeromicrobium choanae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.91



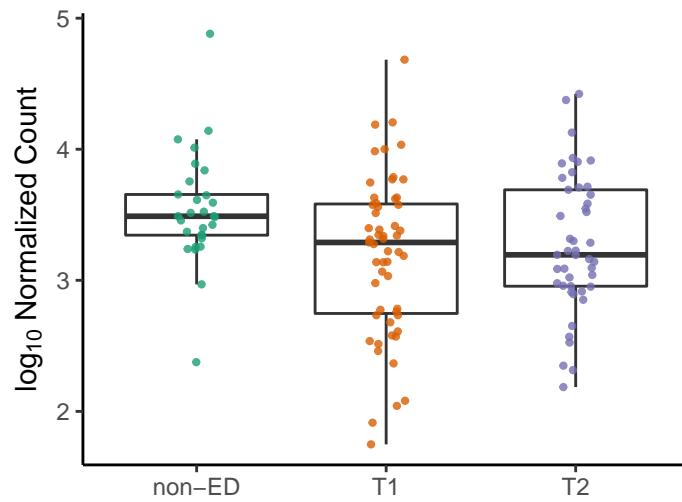
### *Novosphingobium* sp. PP1Y

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



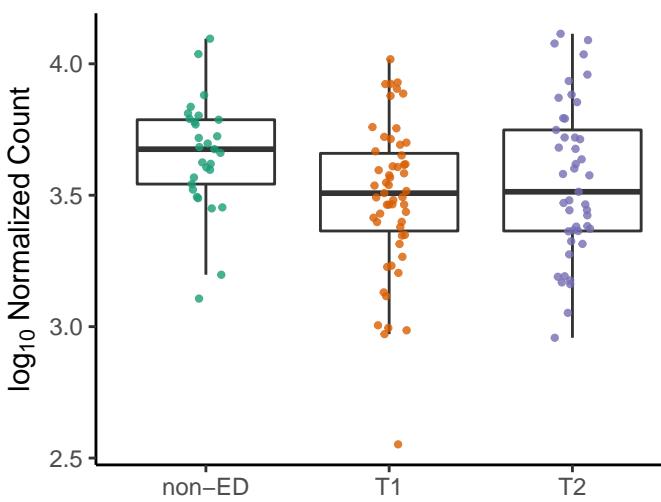
### Unclassified Atopobiaceae Family

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.85



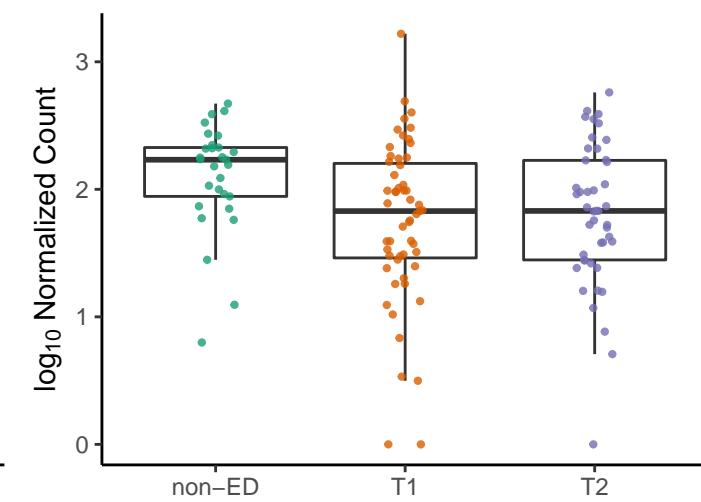
### Unclassified Paenibacillus Genus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



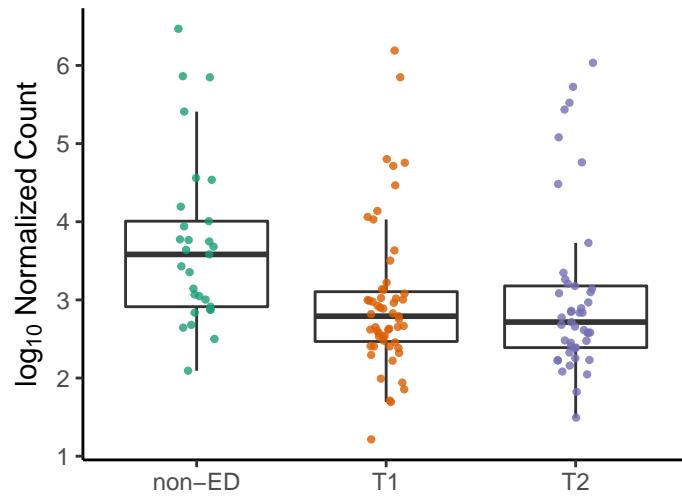
### *Agrococcus jejuensis*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.85



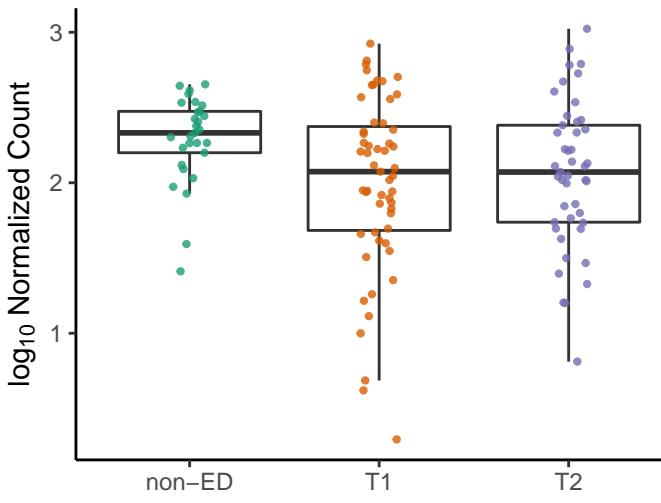
### *Bifidobacterium pseudocatenulatum*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



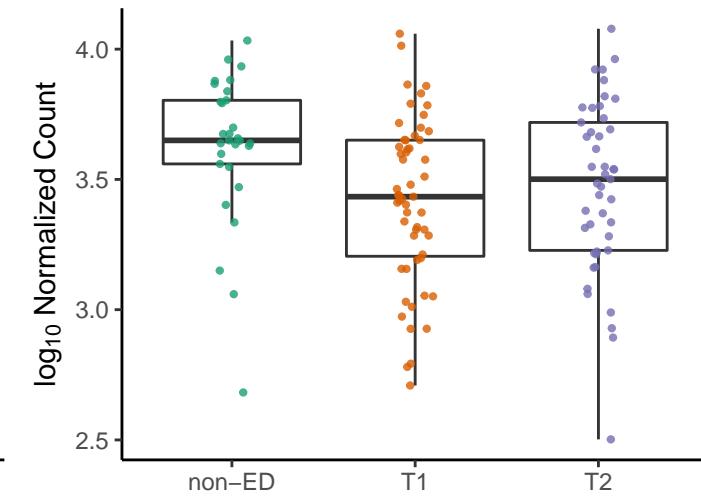
### *Deinococcus ficus*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.85



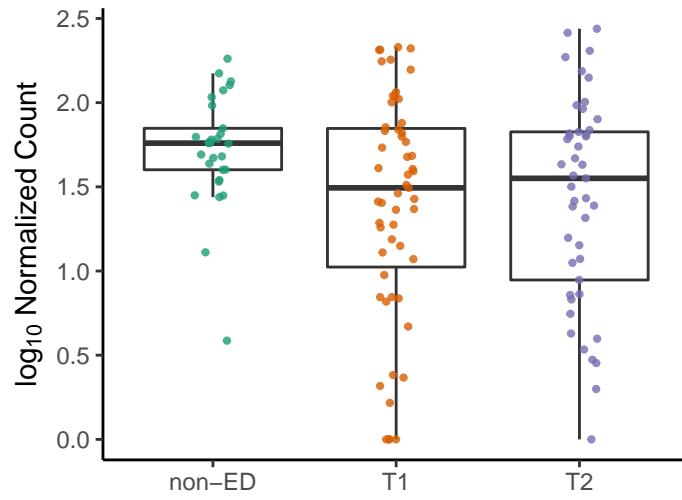
### *Pseudobutyribrio xylanivorans*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.85



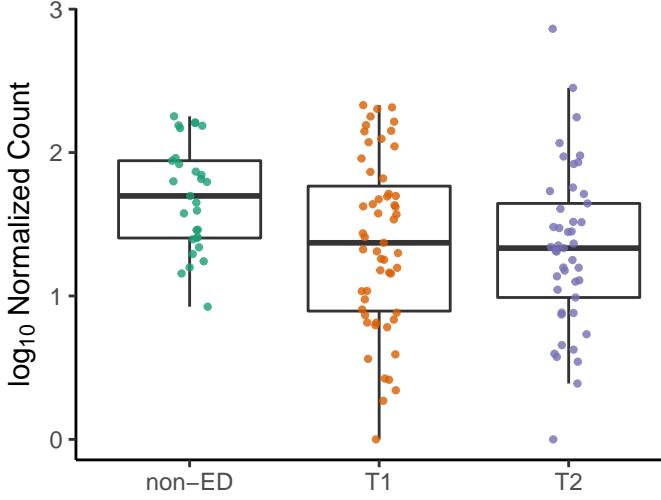
### *Qipengyuania sediminis*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.92



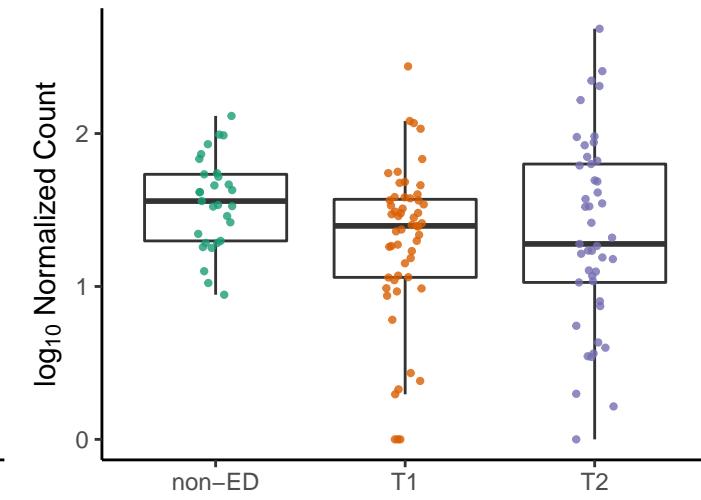
### *Rathayibacter tanaci*

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.88



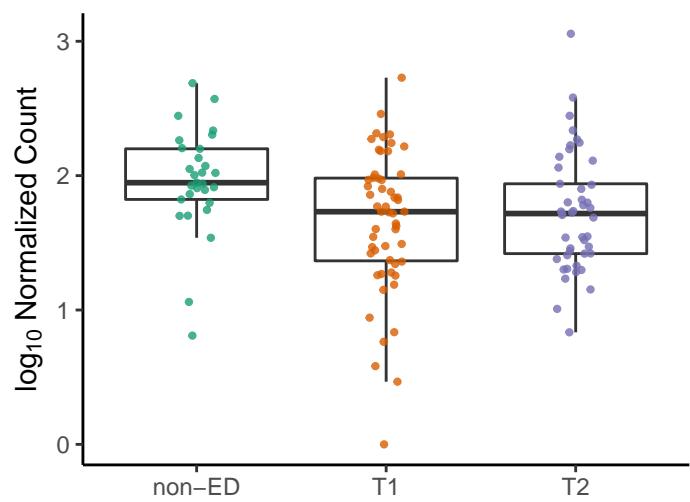
### *Sphingomonas* sp. NIC1

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.87



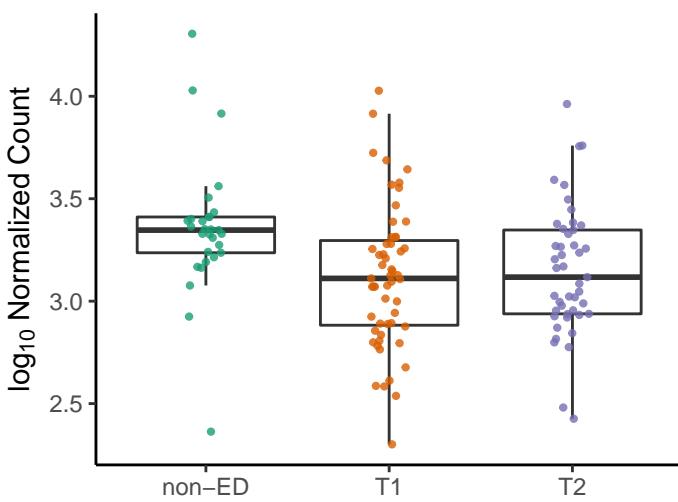
### methanogenic archaeon ISO4-H5

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



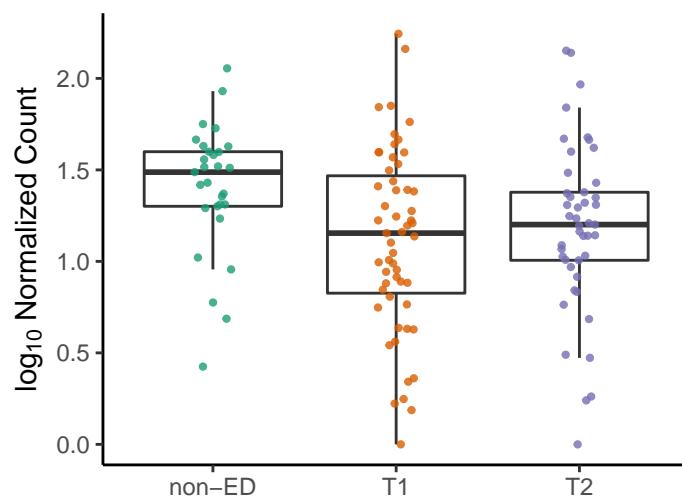
### Intestinibaculum porci

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.87



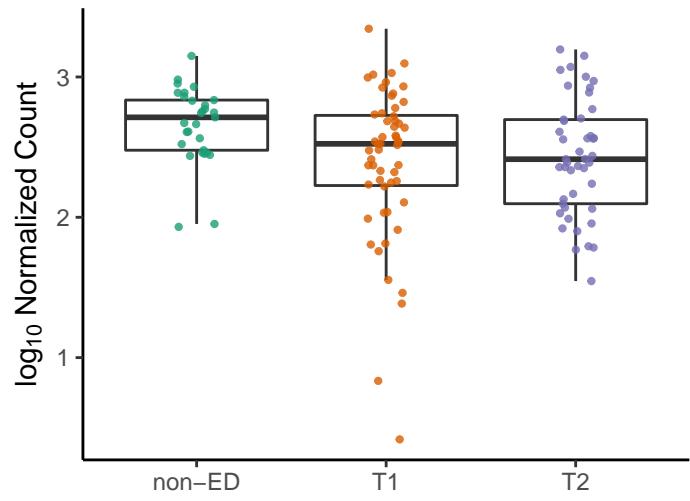
### Planctomycetes bacterium V144

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.94



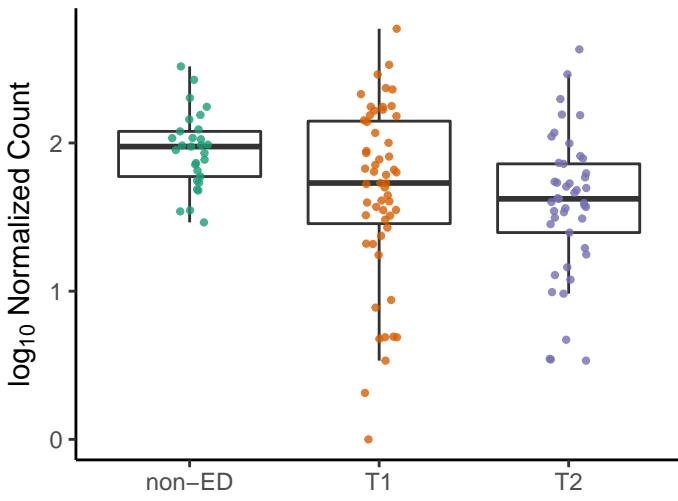
### Rhodothermus marinus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



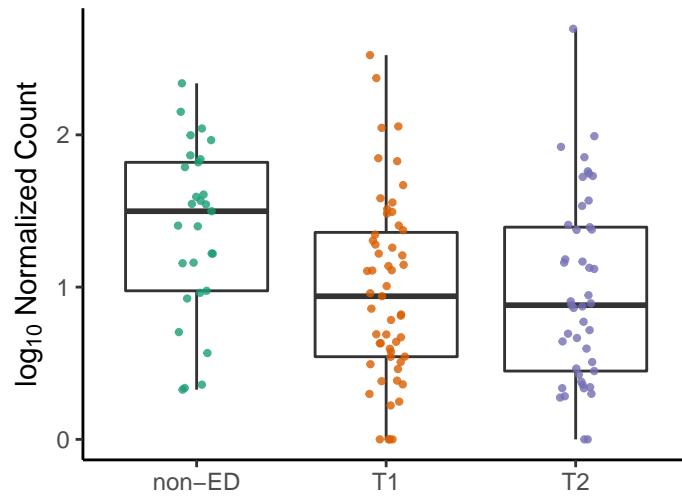
### Unclassified Aquitalea Genus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.93



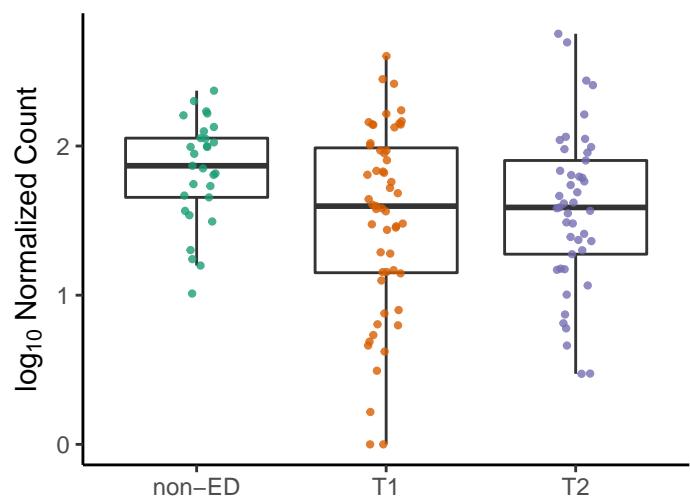
### Unclassified Cellulophaga Genus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.95



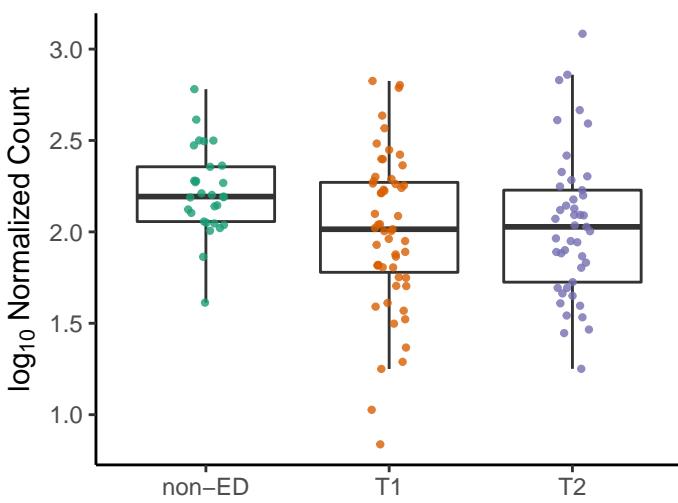
### Unclassified Rhodospirillales Order

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



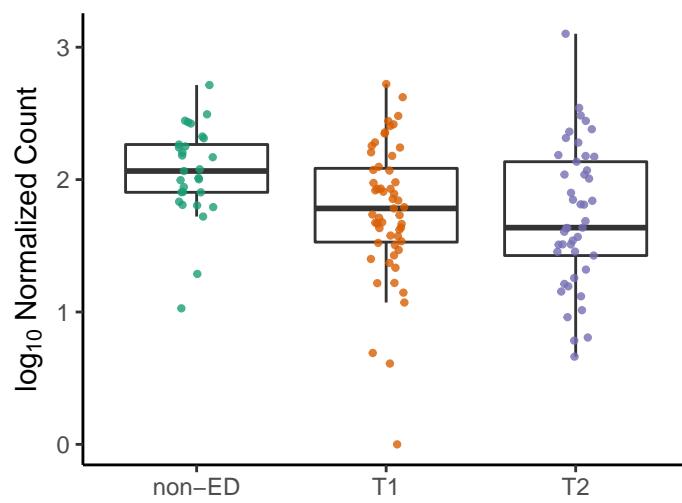
### Herbaspirillum rubrisubalbicans

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.87



### Staphylococcus stepanovicii

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.87

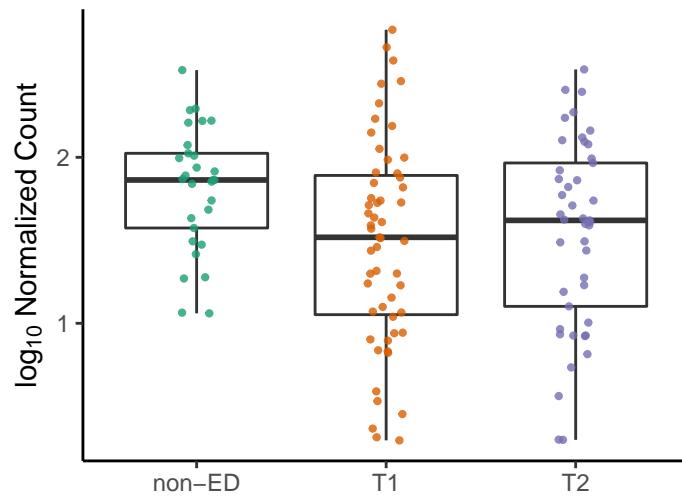


### *Curtobacterium flaccumfaciens*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.04

T1 vs. T2 adjusted p = 0.85

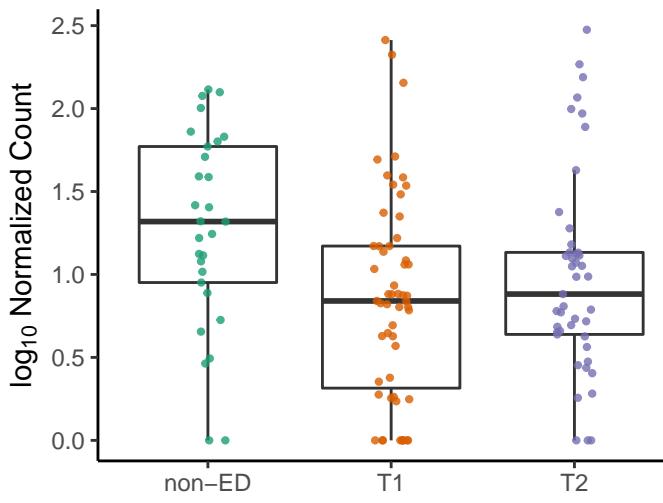


### *Pseudomonas sp. FDAARGOS\_380*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.088

T1 vs. T2 adjusted p = 0.85

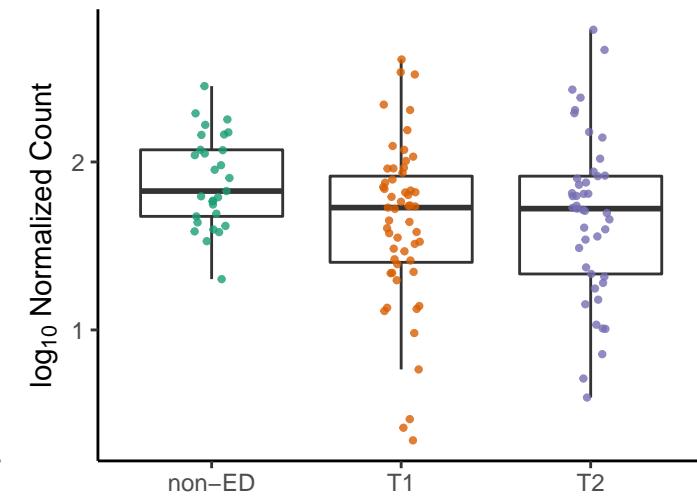


### *Brachybacterium sp. VR2415*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.047

T1 vs. T2 adjusted p = 0.85

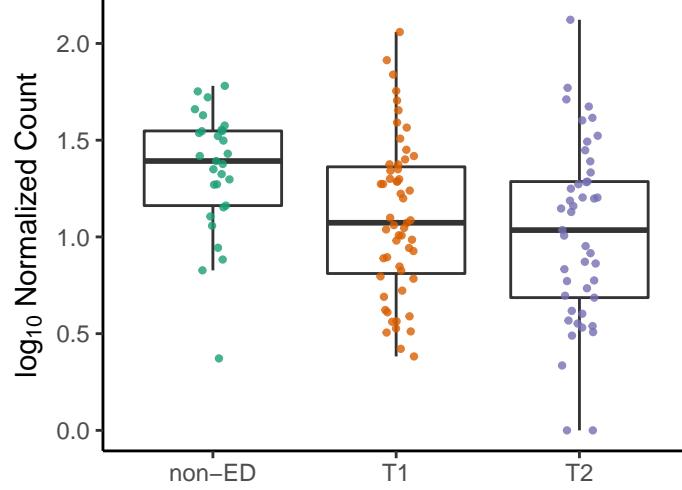


### *Campylobacter subantarcticus*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.0071

T1 vs. T2 adjusted p = 0.85

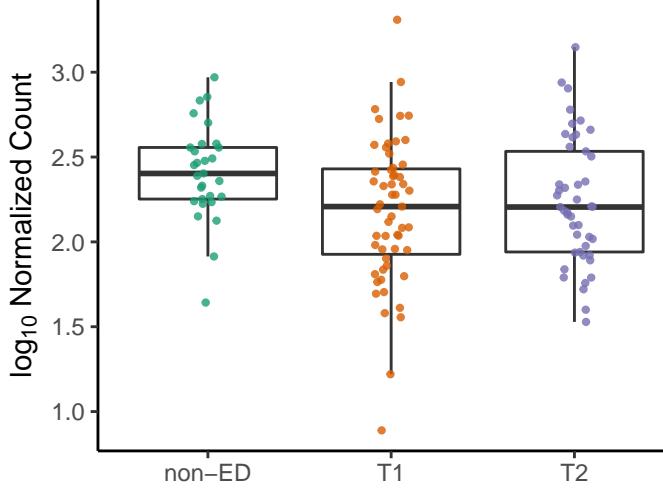


### *Streptomyces hygroscopicus*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.053

T1 vs. T2 adjusted p = 0.85

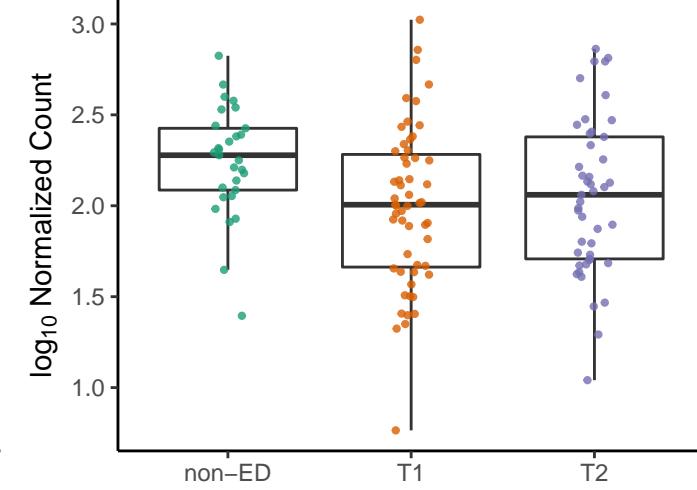


### *Acidihalobacter prosperus*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.052

T1 vs. T2 adjusted p = 0.85

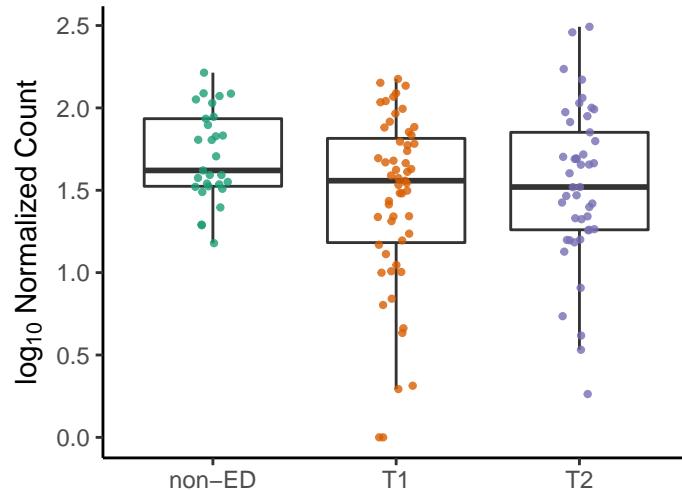


### *Corynebacterium sp. LMM-1652*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.086

T1 vs. T2 adjusted p = 0.85

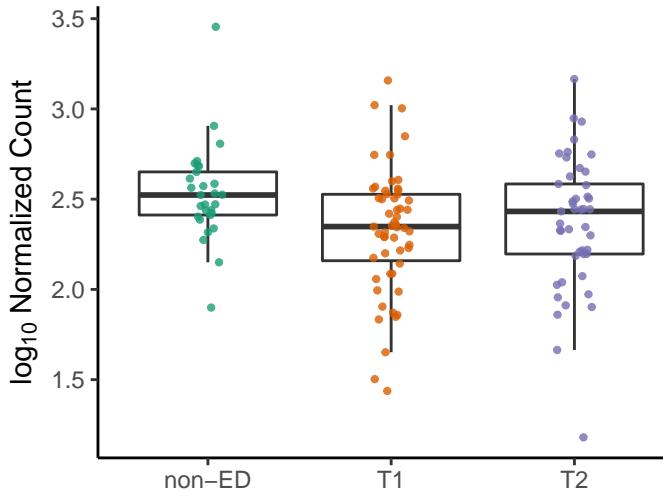


### *Paenibacillus protaeiae*

non-ED vs. T1 adjusted p = 0.014

non-ED vs. T2 adjusted p = 0.057

T1 vs. T2 adjusted p = 0.85

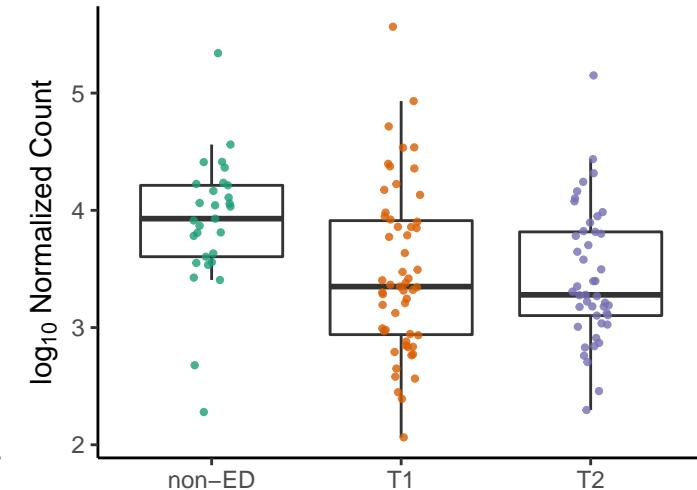


### *Ruminococcus sp. JE7A12*

non-ED vs. T1 adjusted p = 0.014

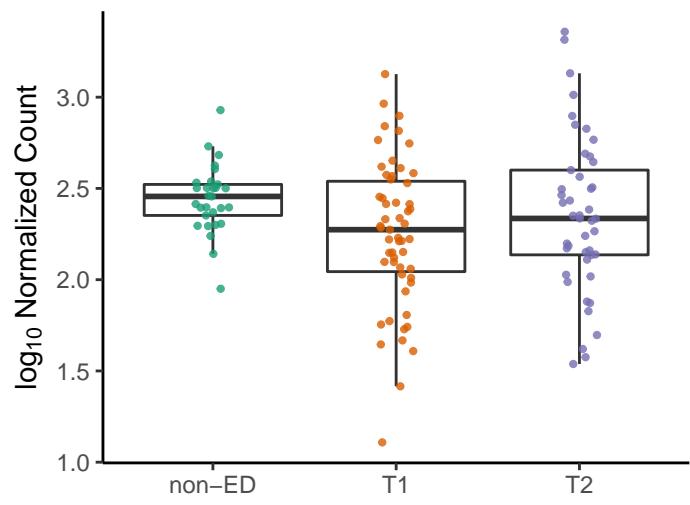
non-ED vs. T2 adjusted p = 0.0088

T1 vs. T2 adjusted p = 0.94



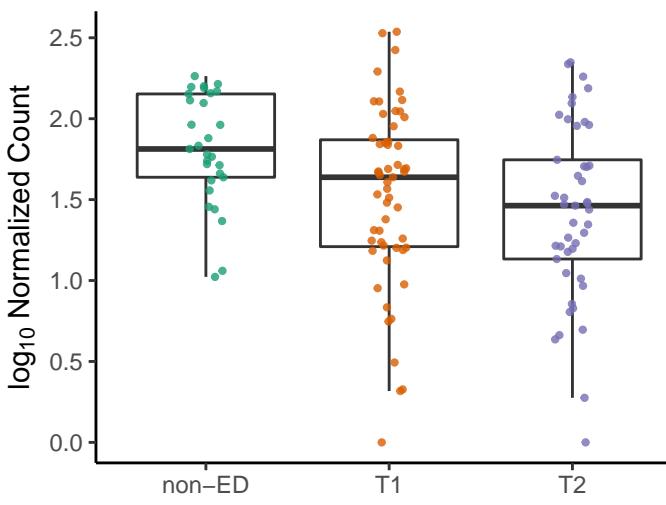
### *Sphaerochaeta globosa*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



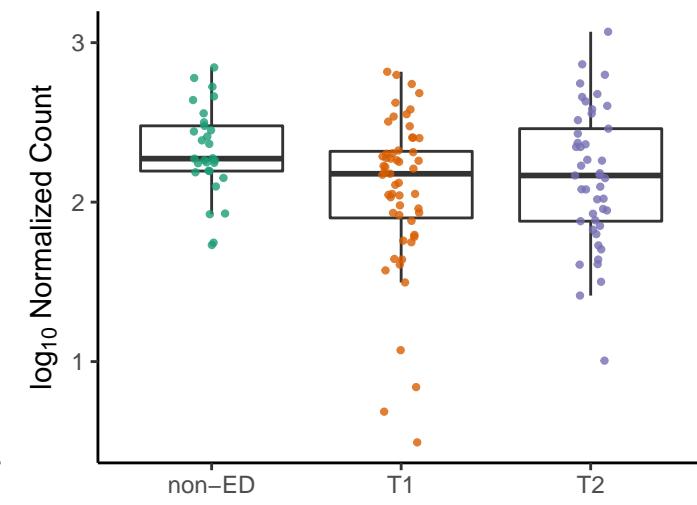
### *Sphingobium cloacae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.93



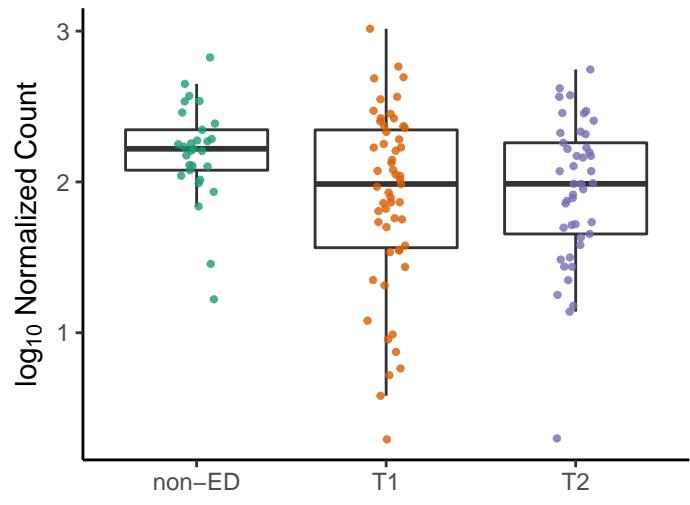
### Unclassified Halobacteria Class

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.85



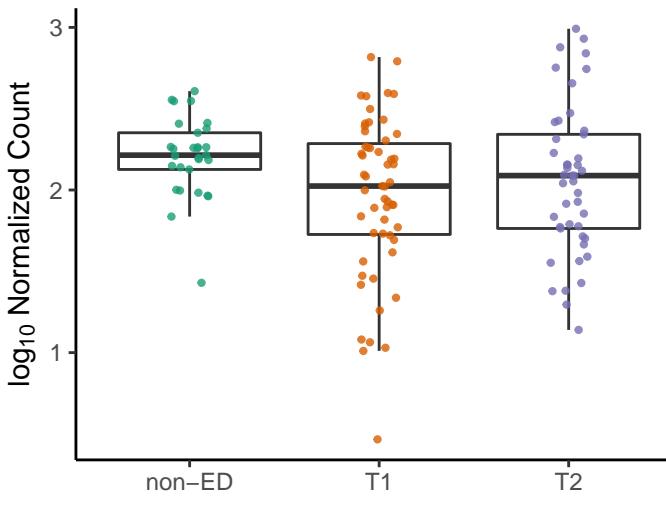
### *Immundisolibacter cernigliae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



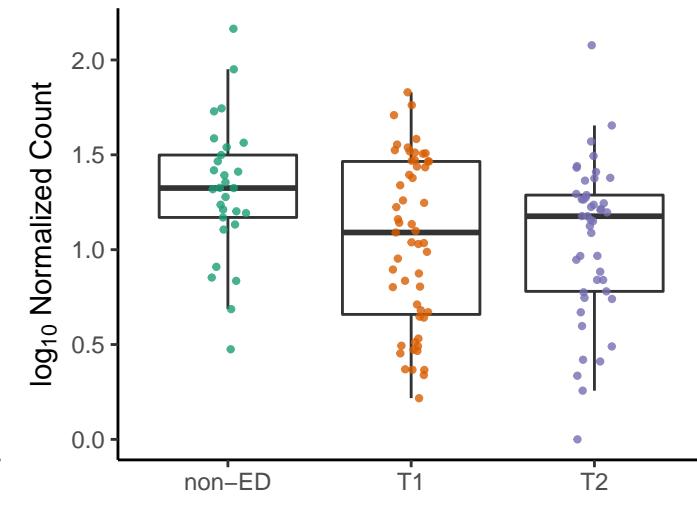
### *Nocardia* sp. CFHS0054

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



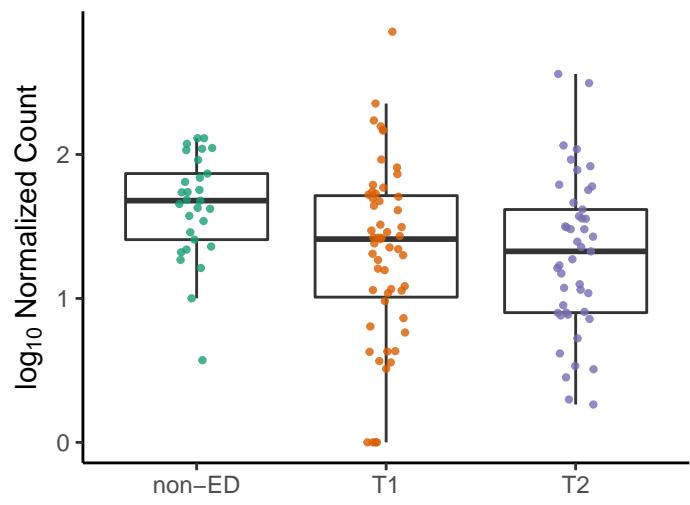
### *Candidatus Saccharimonas aalborgensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 1



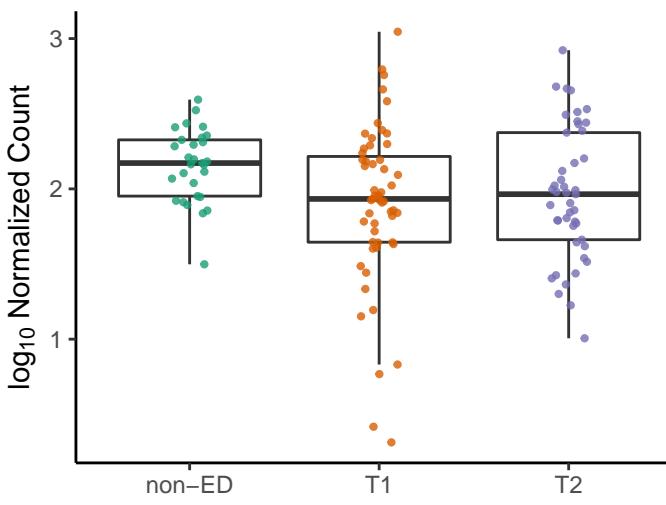
### *Methanobacterium formicum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.96



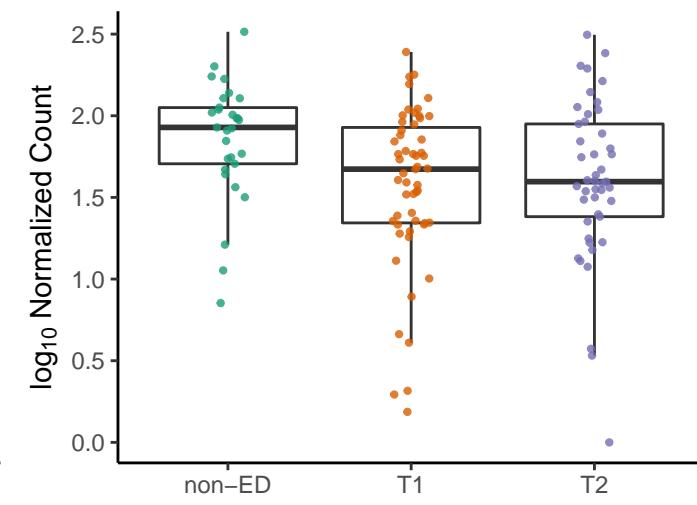
### *Herbaspirillum robiniae*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



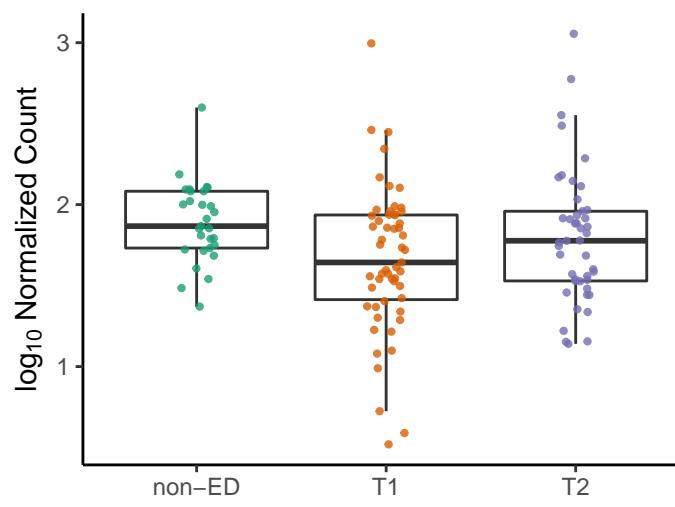
### *Shewanella amazonensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.98



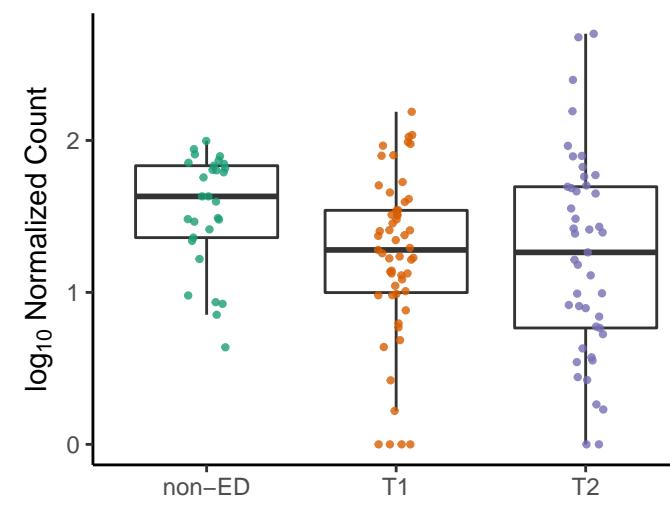
### Salaquimonas pukyongi

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.27$   
T1 vs. T2 adjusted  $p = 0.85$



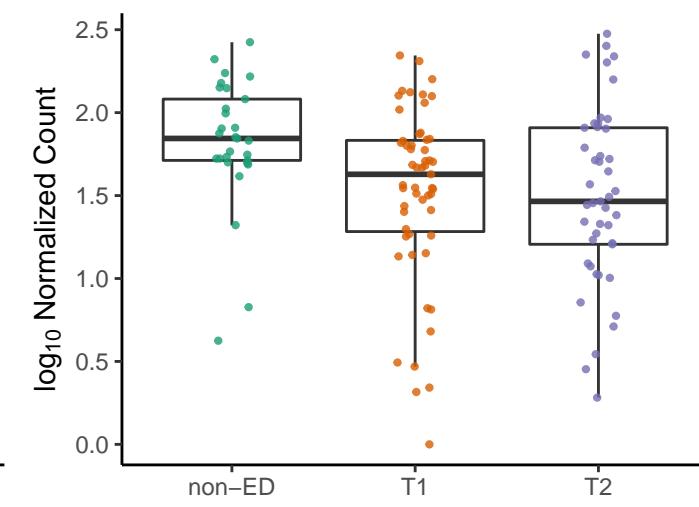
### Mycobacterium chimaera

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.041$   
T1 vs. T2 adjusted  $p = 0.97$



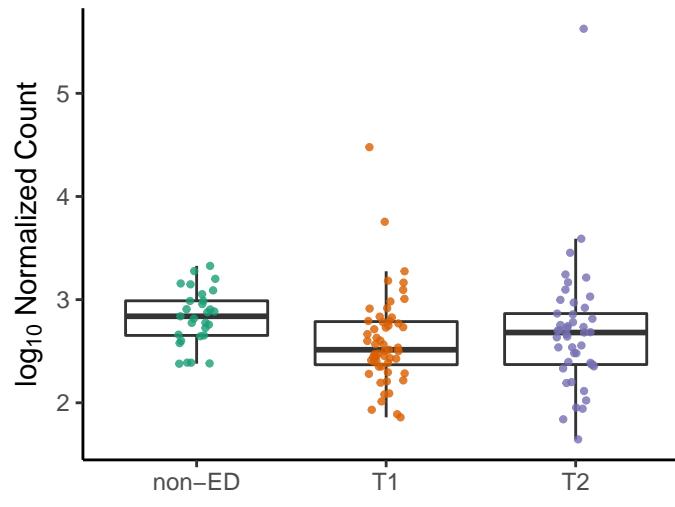
### Halobellus limi

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.016$   
T1 vs. T2 adjusted  $p = 0.99$



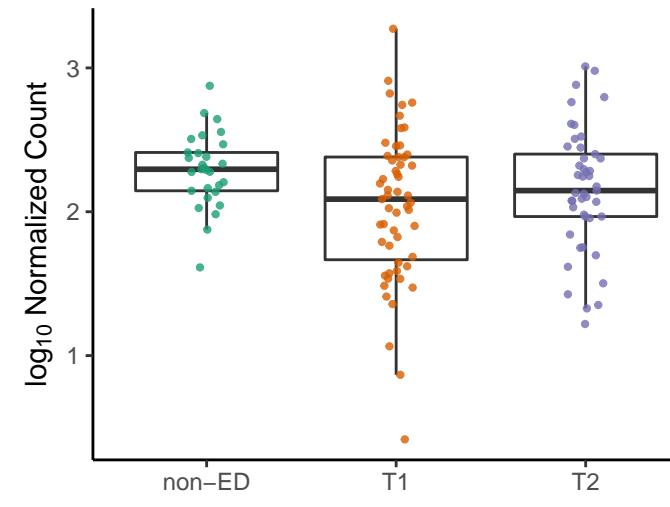
### Lactobacillus delbrueckii

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.22$   
T1 vs. T2 adjusted  $p = 0.85$



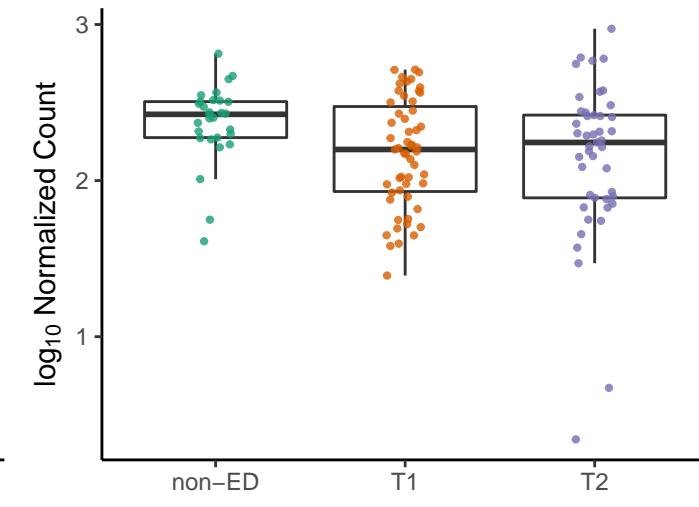
### Streptomyces griseus

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.14$   
T1 vs. T2 adjusted  $p = 0.85$



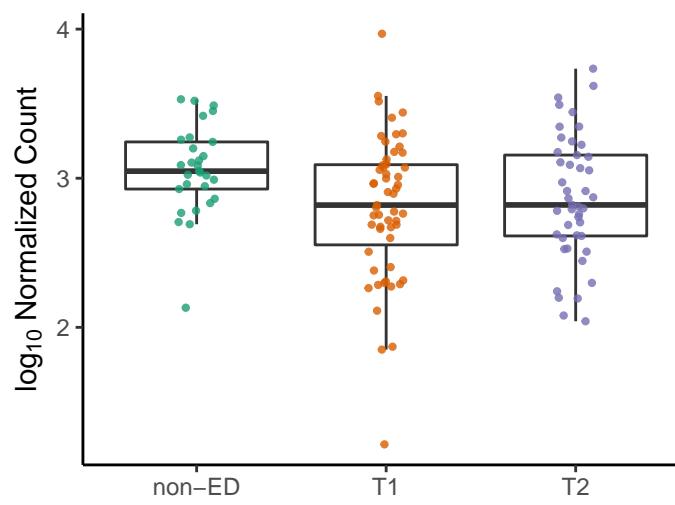
### Anaerococcus prevotii

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.033$   
T1 vs. T2 adjusted  $p = 0.91$



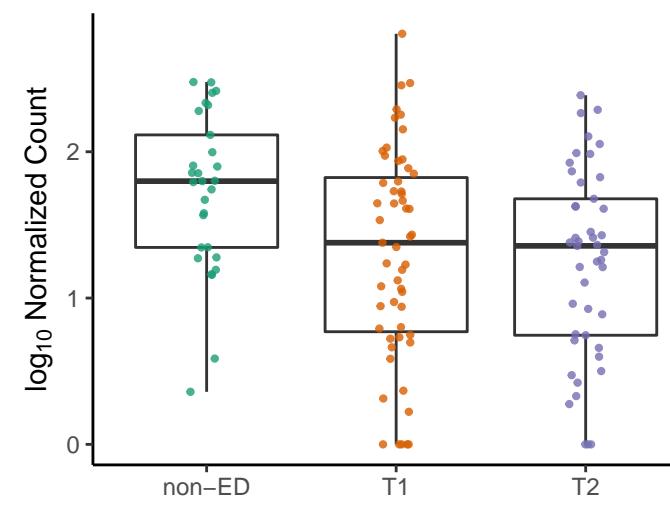
### Unclassified Micrococcales Order

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.052$   
T1 vs. T2 adjusted  $p = 0.85$



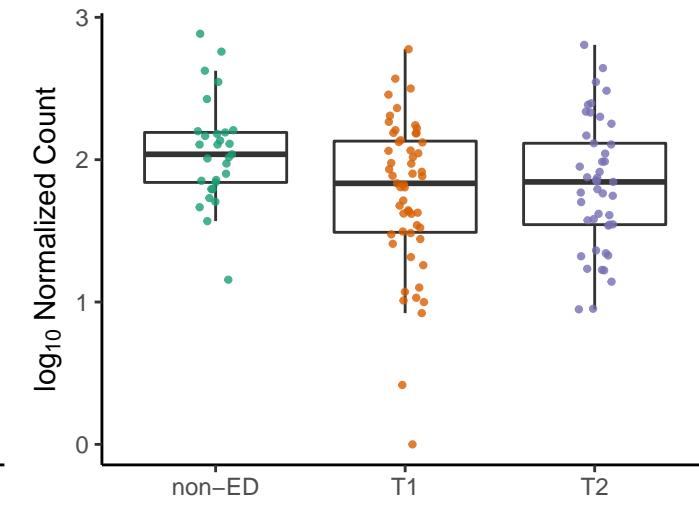
### Unclassified Acidaminococcus Genus

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.0085$   
T1 vs. T2 adjusted  $p = 0.98$



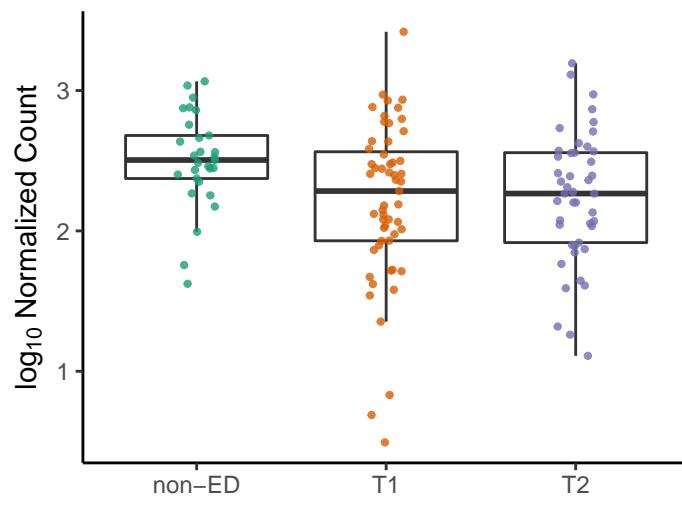
### Cryobacterium sp. LW097

non-ED vs. T1 adjusted  $p = 0.014$   
non-ED vs. T2 adjusted  $p = 0.041$   
T1 vs. T2 adjusted  $p = 0.85$



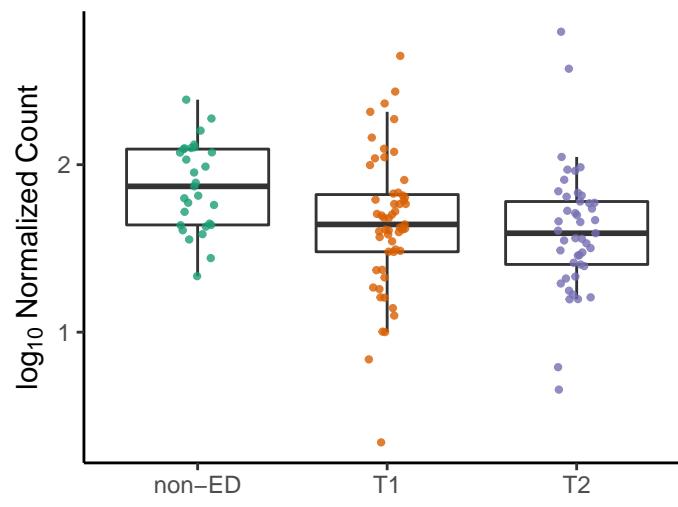
### Planctomycetes bacterium EIP

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.86



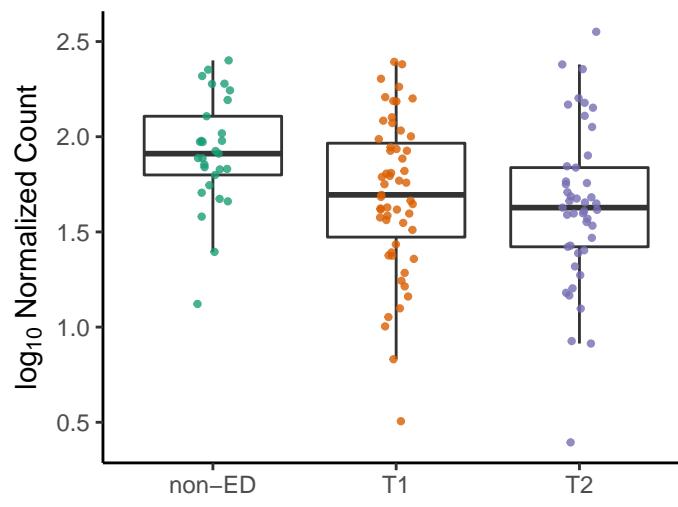
### Snodgrassella alvi

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.007  
T1 vs. T2 adjusted p = 0.89



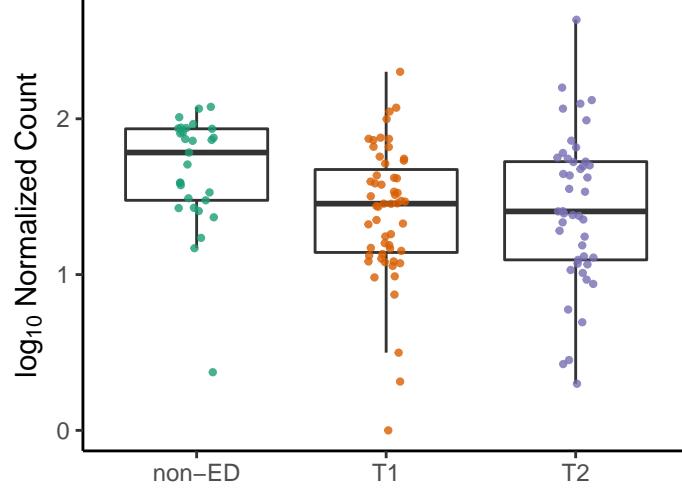
### Aggregatibacter actinomycetemcomitans

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.85



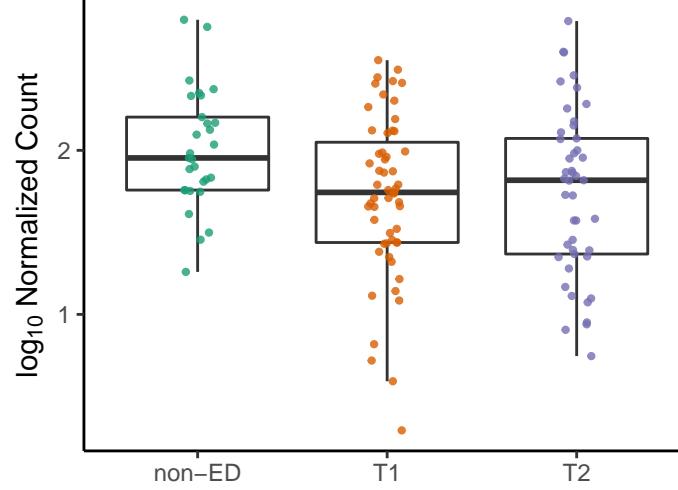
### Altererythrobacter sp. BO-6

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.88



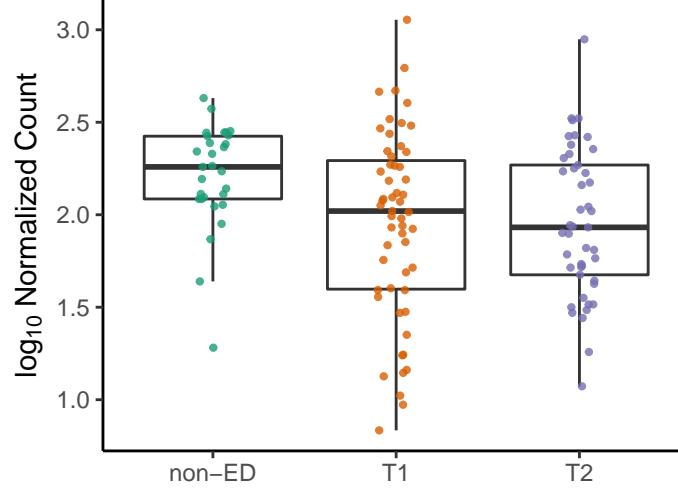
### Microbacterium hominis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.88



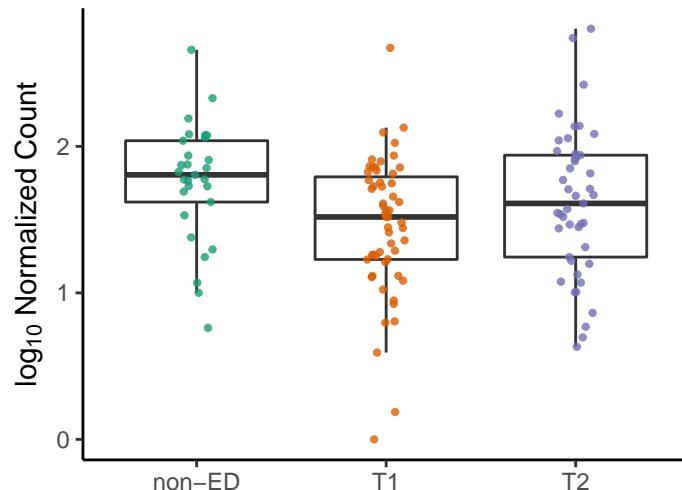
### Mycobacteroides abscessus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.98



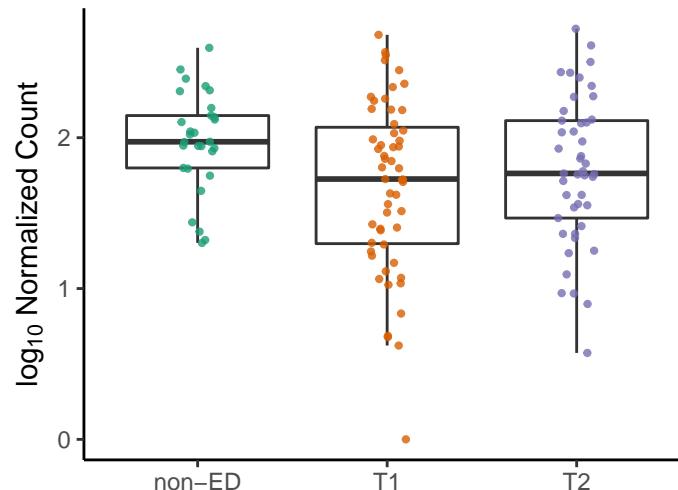
### Pseudomonas umsongensis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.76



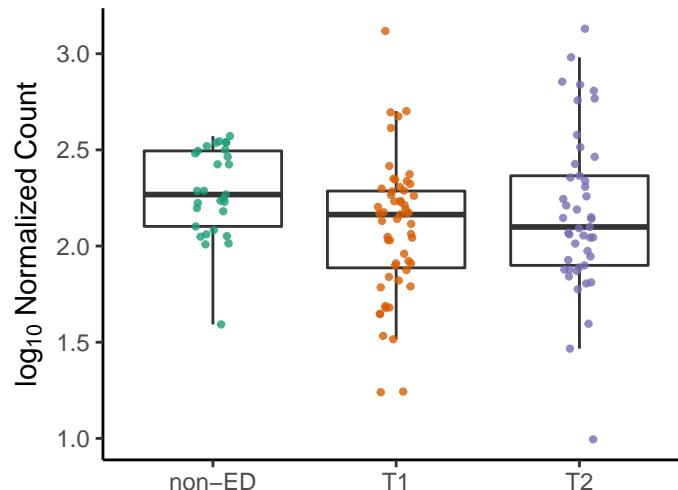
### Rhodanobacter denitrificans

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.85



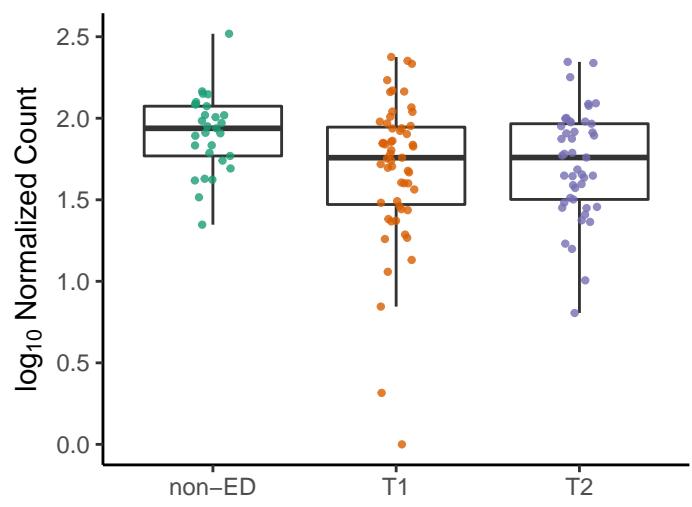
### Salimicrobium jeotgali

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.85



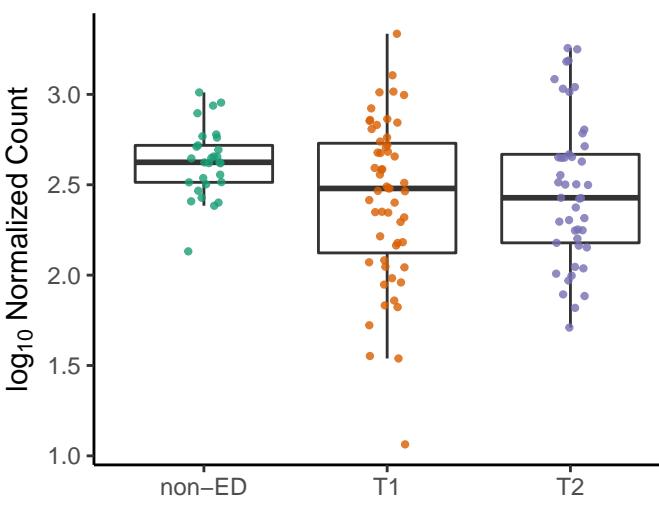
### *Thalassospira indica*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.92



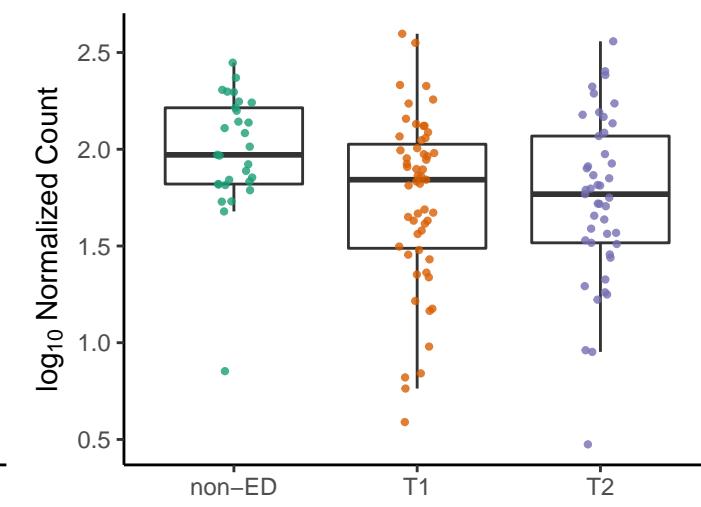
### *Alicyclobacillus acidocaldarius*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



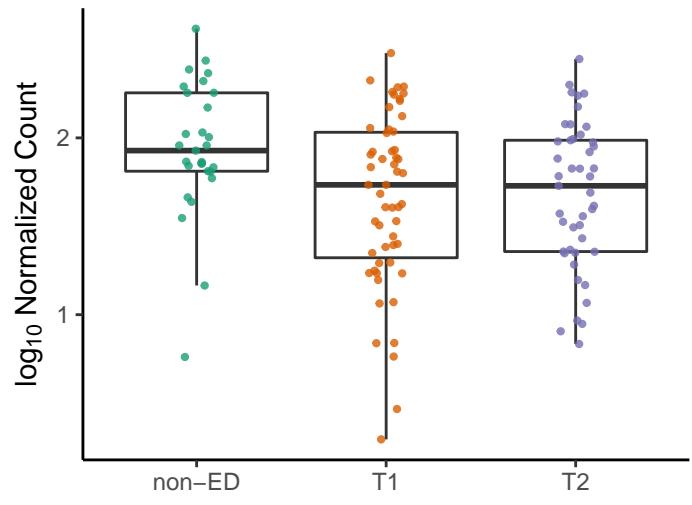
### *Roseibacterium elongatum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 1



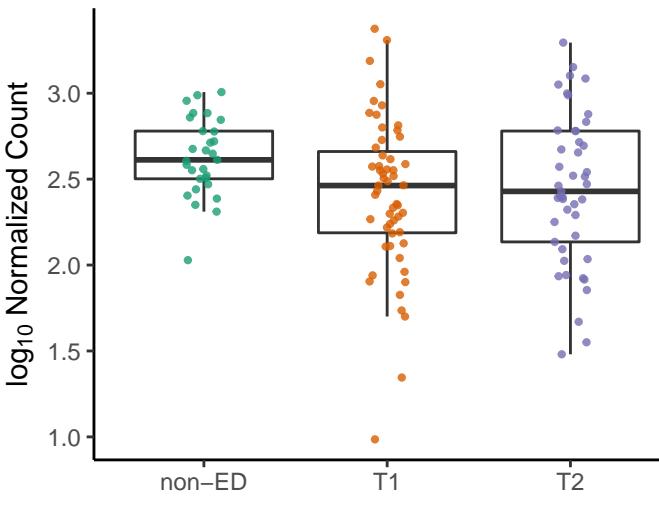
### *Tetrasphaera sp. HKS02*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.91



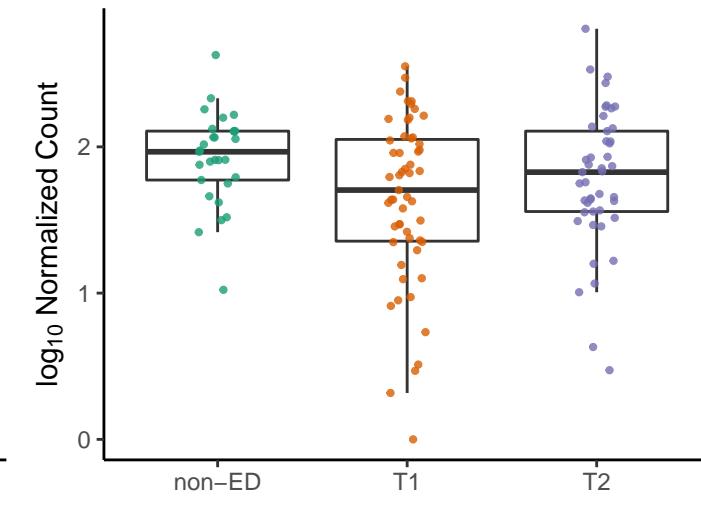
### *Rhodobacter sphaeroides*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



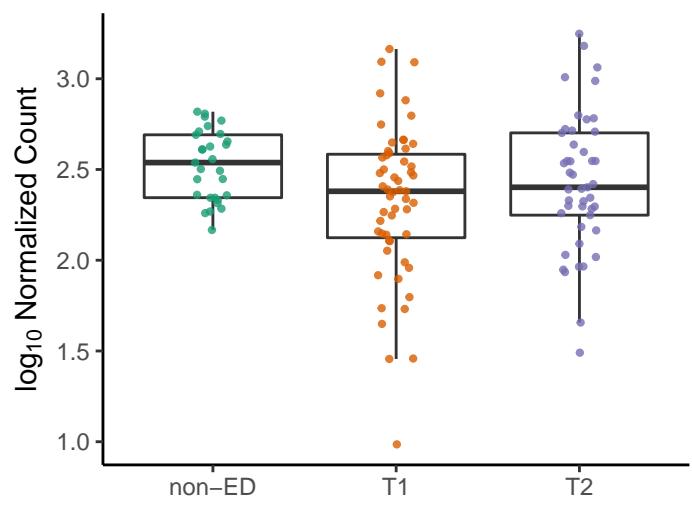
### *Sphingobium hydrophobicum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



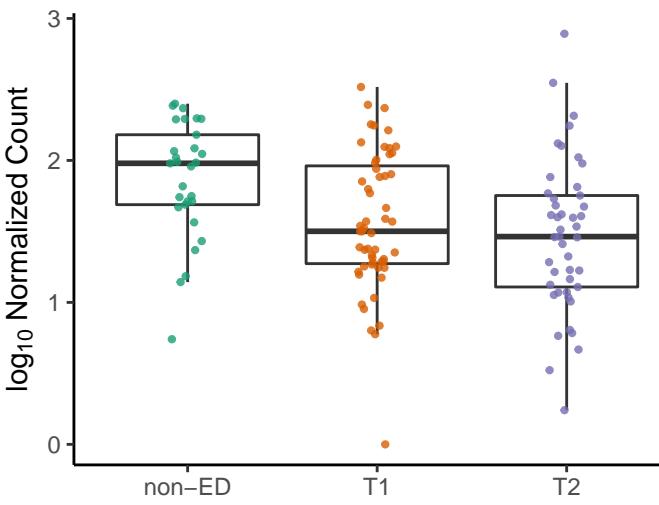
### *Sinorhizobium fredii*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



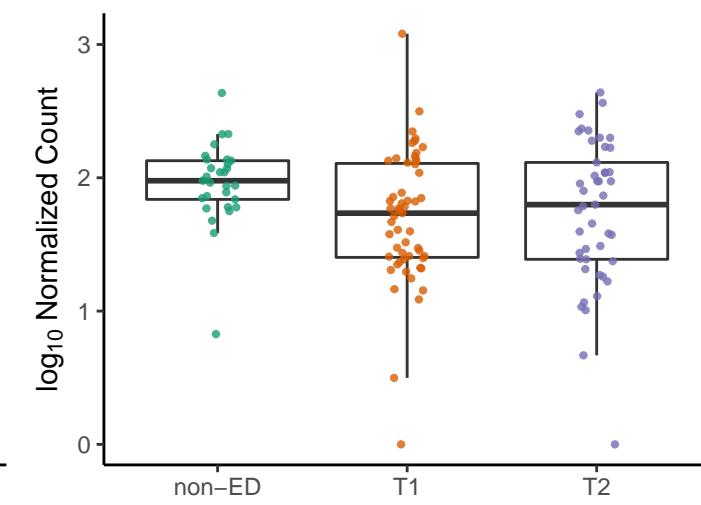
### *Arcobacter nitrofigilis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



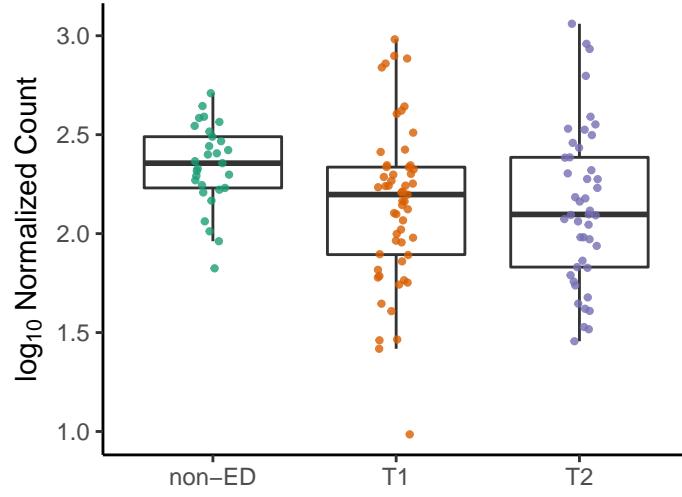
### *Corynebacterium genitalium*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



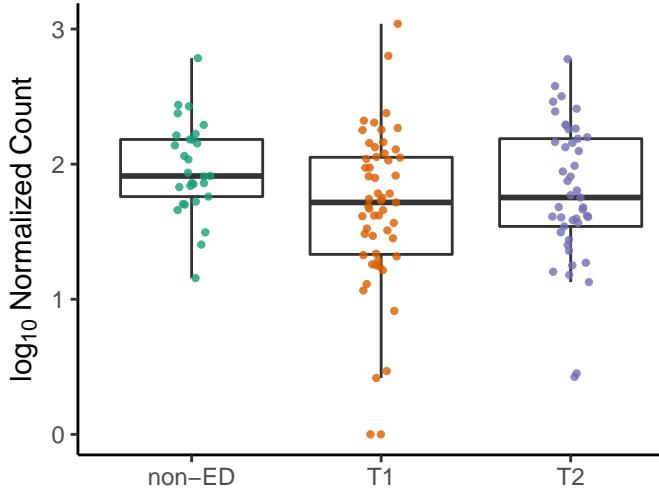
### *Spirochaeta thermophila*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.97



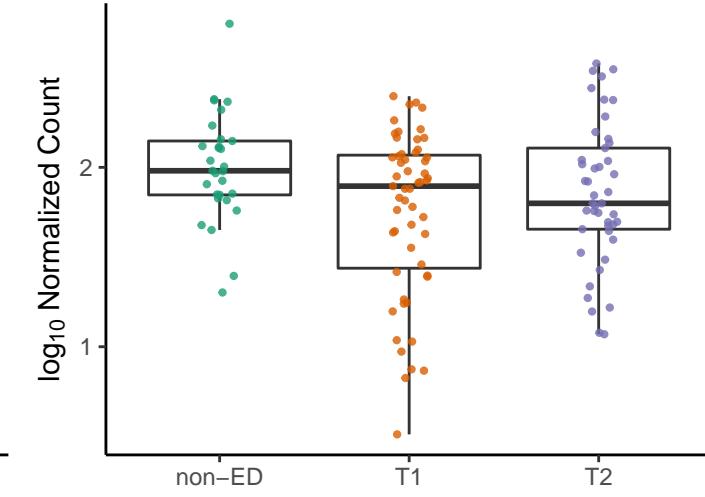
### *Yoonia vestfoldensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



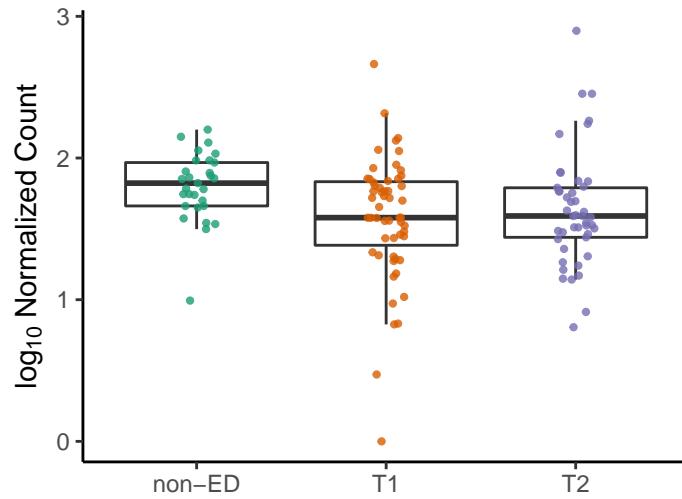
### *Paraburkholderia xenovorans*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



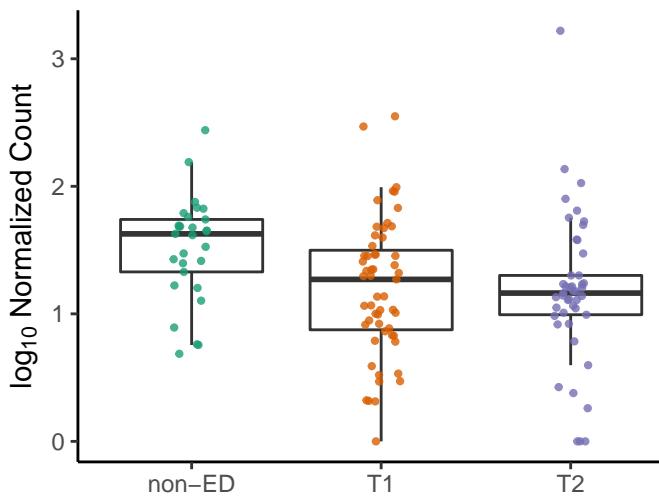
### *Methanospirillum hungatei*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.88



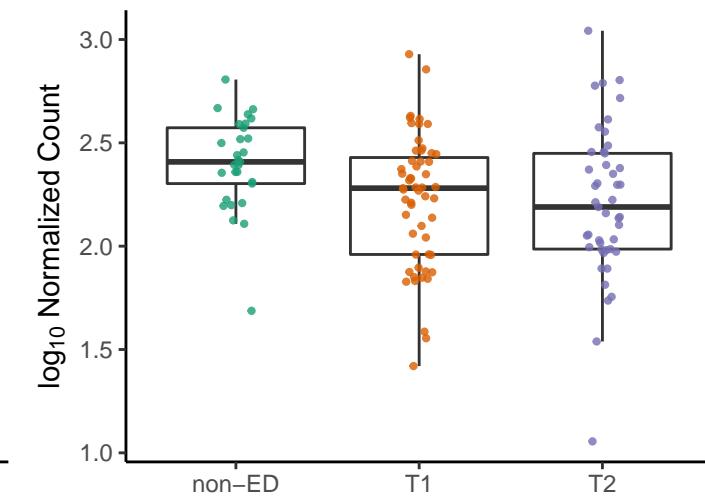
### *Methylomicrobium buryatense*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.92



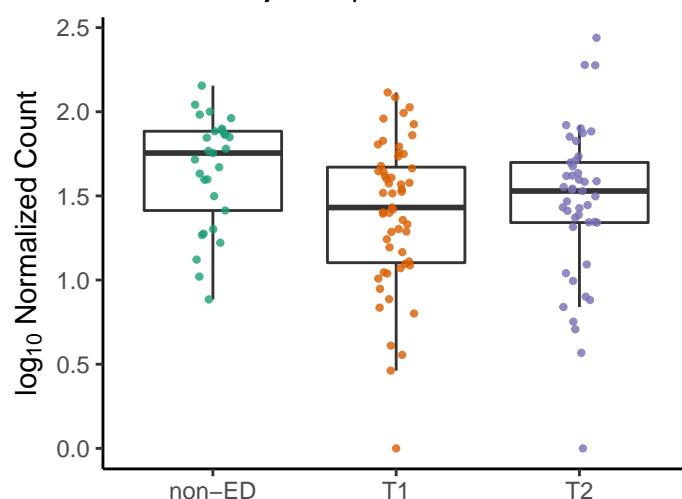
### *Paenibacillus sp. DCT19*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.97



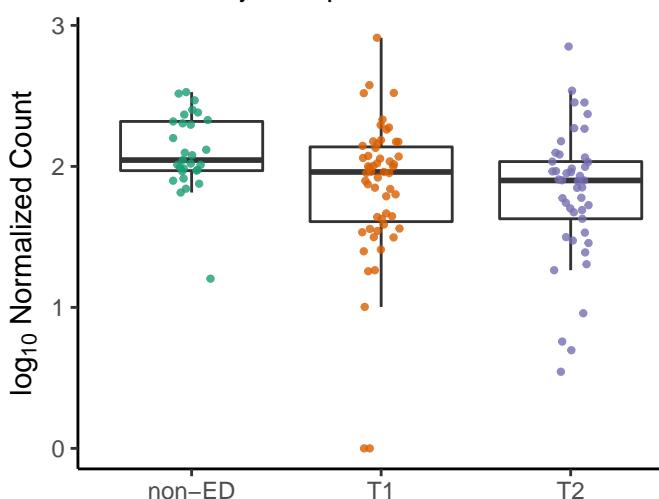
### *Staphylococcus schleiferi*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.87



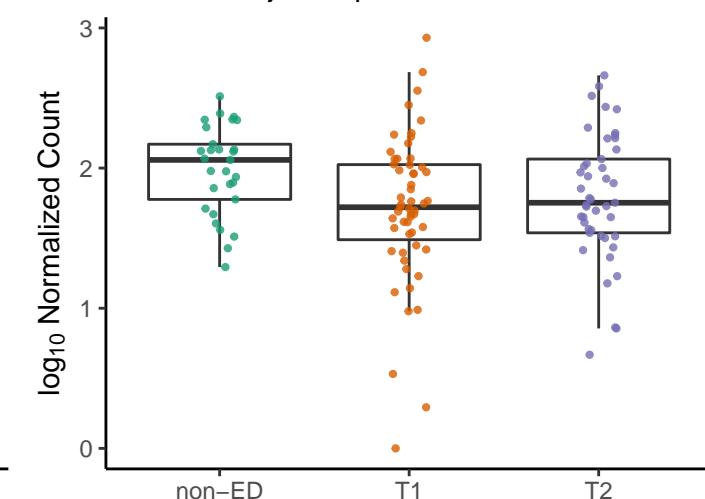
### *Rufibacter tibetensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.95



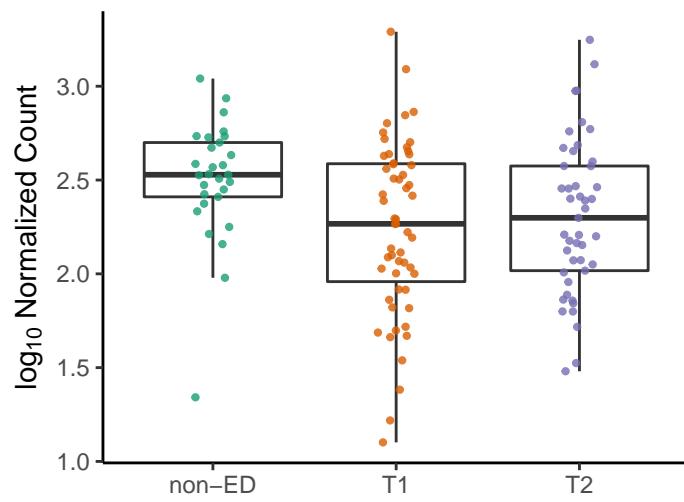
### *Bradyrhizobium guangzhouense*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



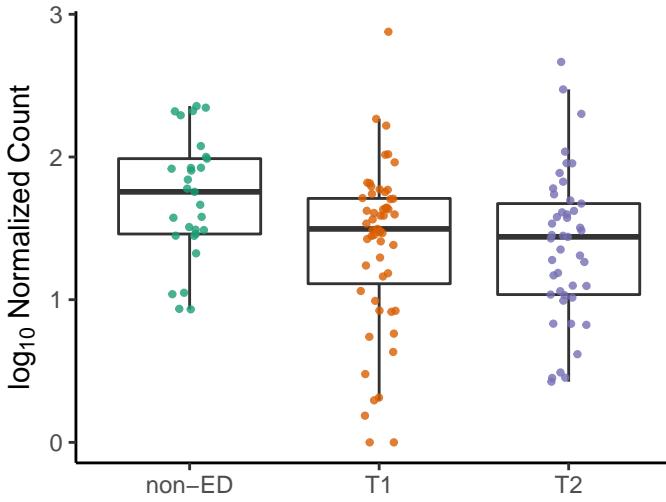
### *Achromobacter spanius*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



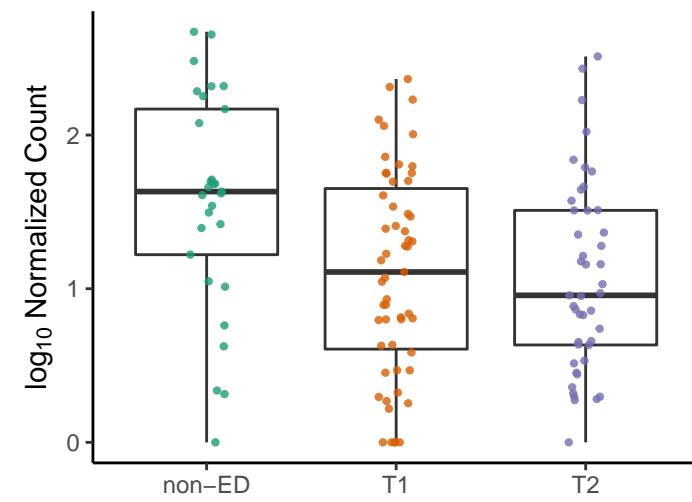
### *Pseudomonas silesiensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.98



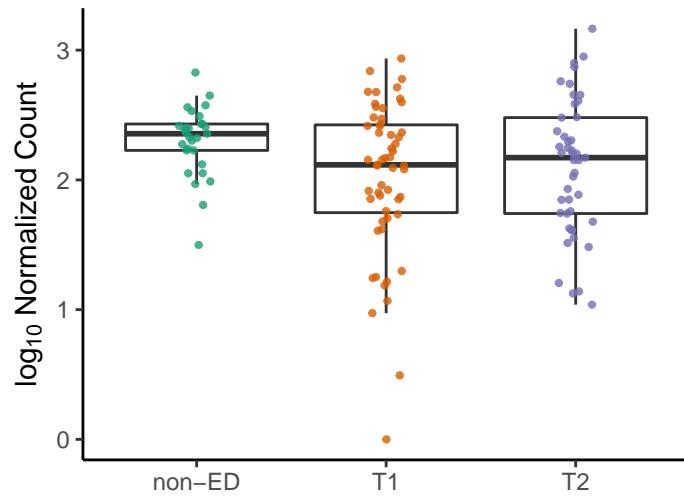
### *Streptomyces* sp. Tu6071

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.9



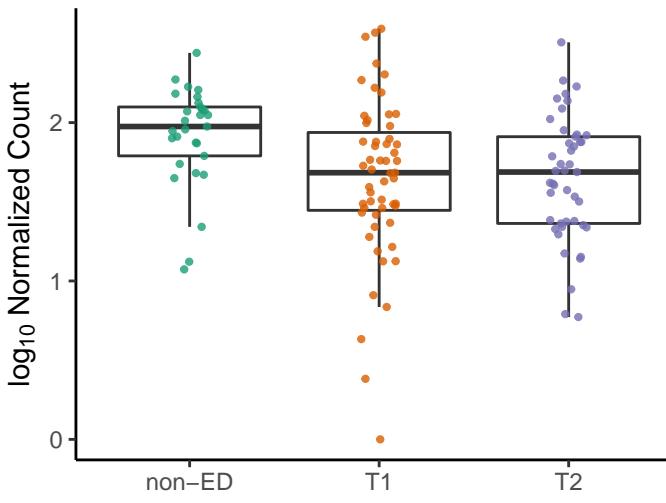
### *Actinoplanes teichomyceticus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



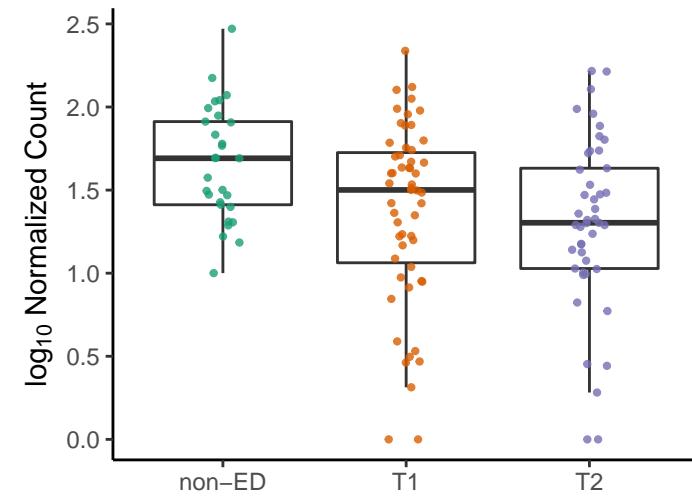
### *Arachidicoccus* sp. B3-10

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.96



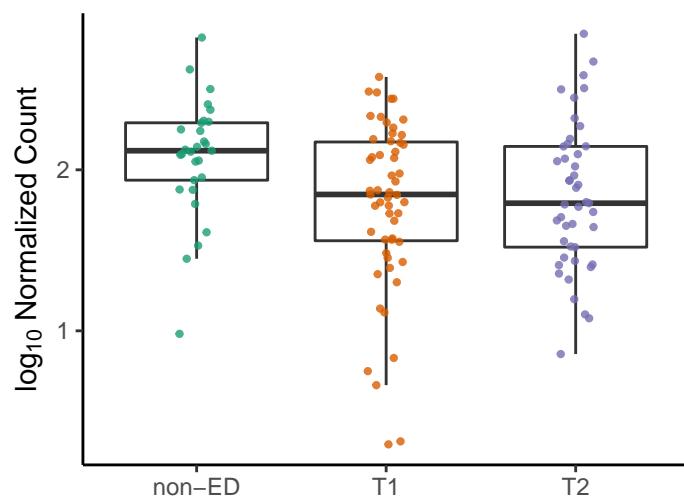
### *Erythrobacter seohaensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.94



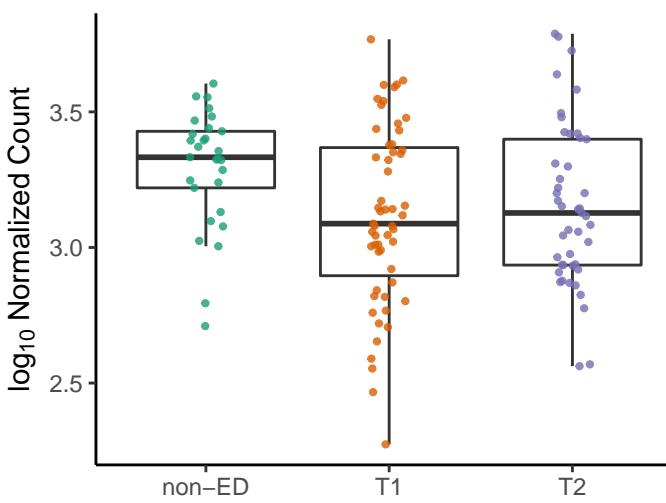
### *Micromonospora viridifaciens*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.91



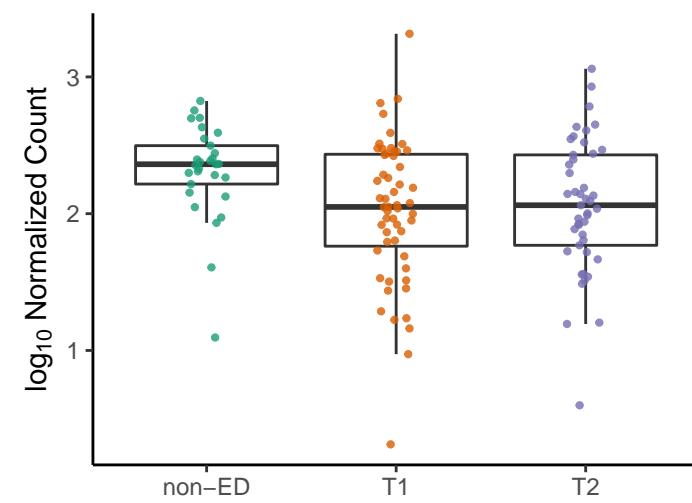
### Unclassified Clostridia Class

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.87



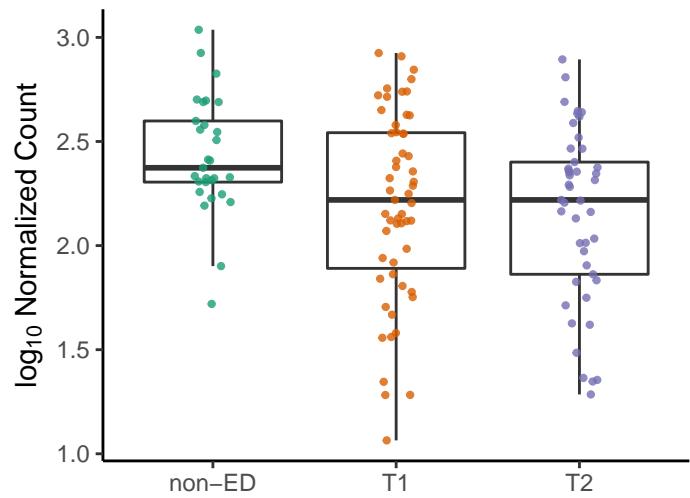
### *Nocardia* sp. CS682

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



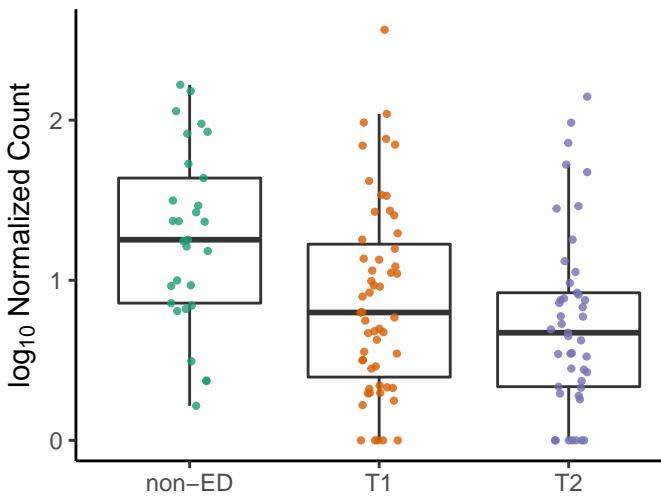
### *Desulfuromonas* sp. DDH964

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.99



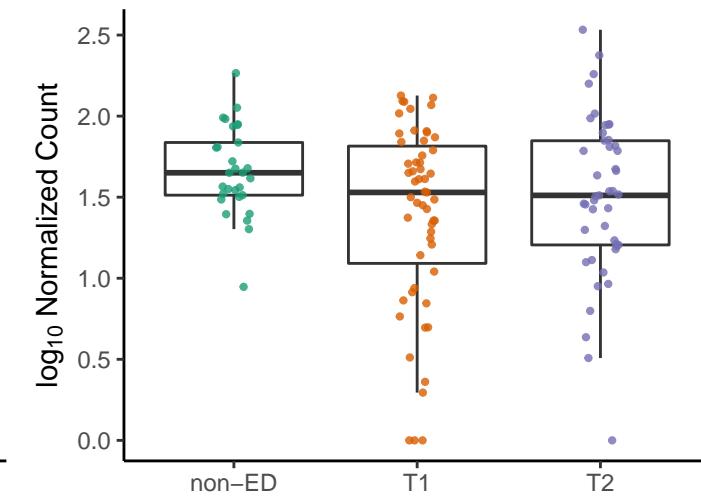
### *Entomoplasma somnilux*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.85



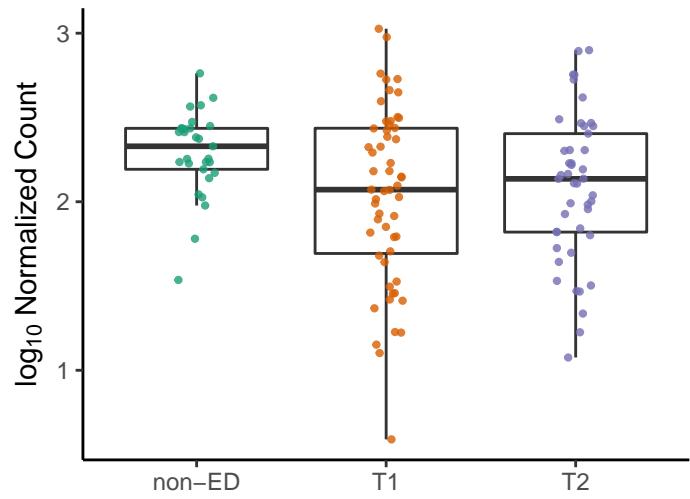
### *Sphingopyxis fribergensis*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



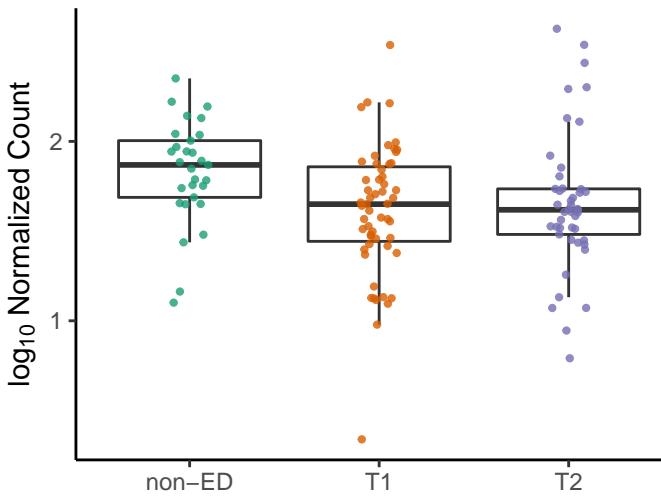
### *Streptomyces cattleya*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



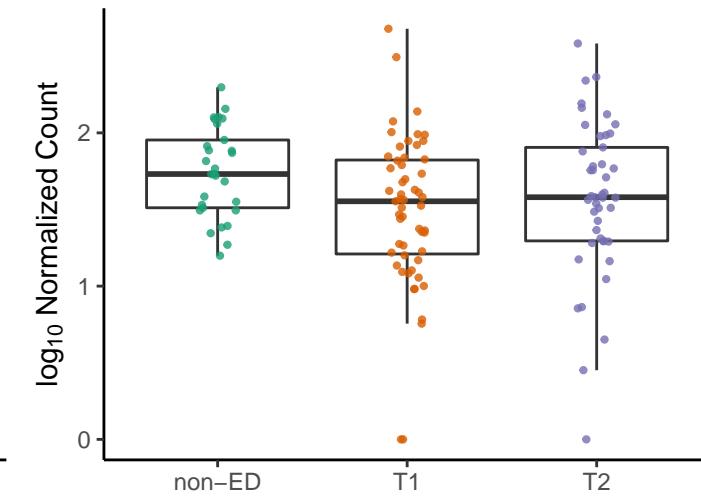
### *Gilvibacter* sp. SZ-19

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.91



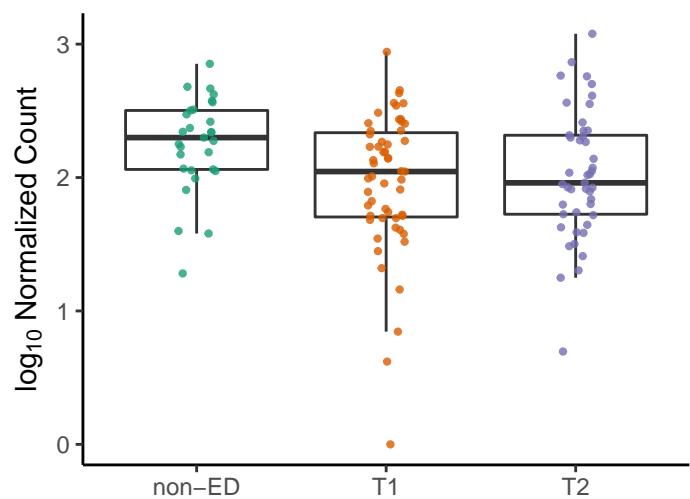
### *Neisseria* sp. 10022

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



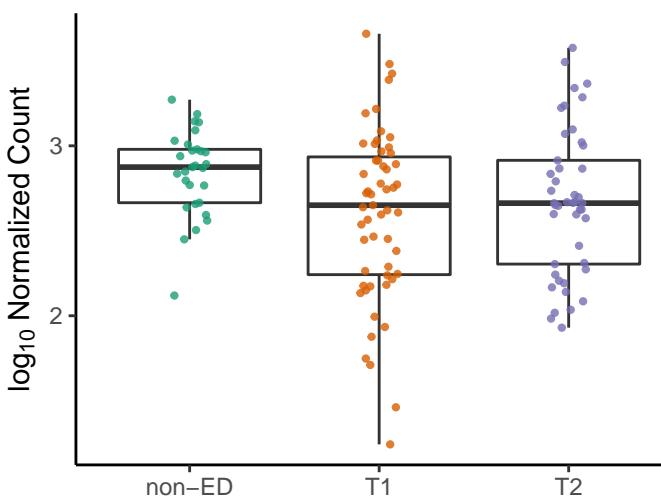
### *Methylobacterium nodulans*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



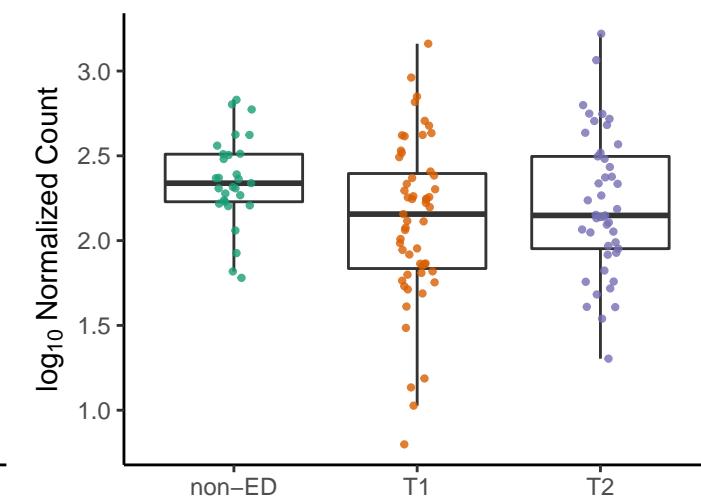
### *Symbiobacterium thermophilum*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



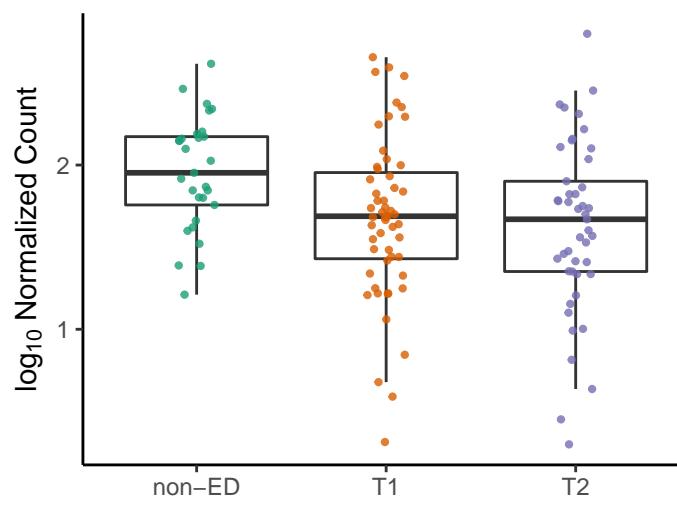
### *Luteitalea pratensis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



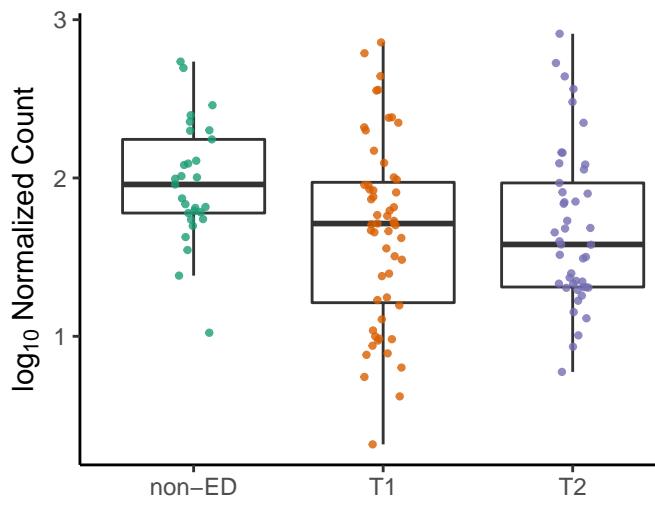
### *Sphingomonas* sp. C8-2

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.97



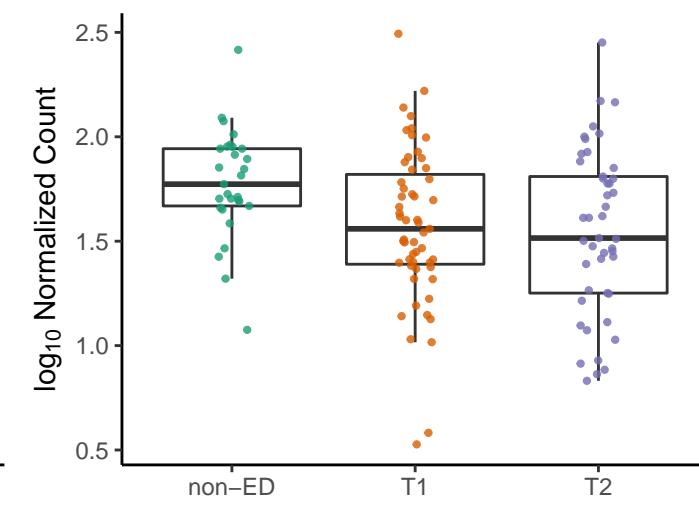
### *Streptomyces spongiicola*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



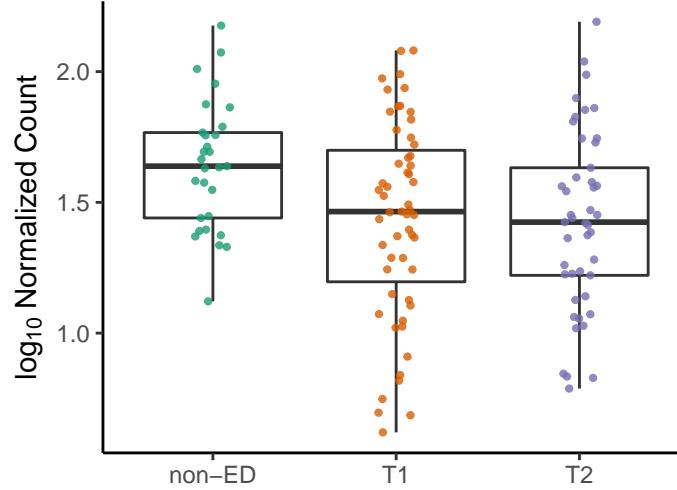
### *Ochrobactrum quorumnocens*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.88



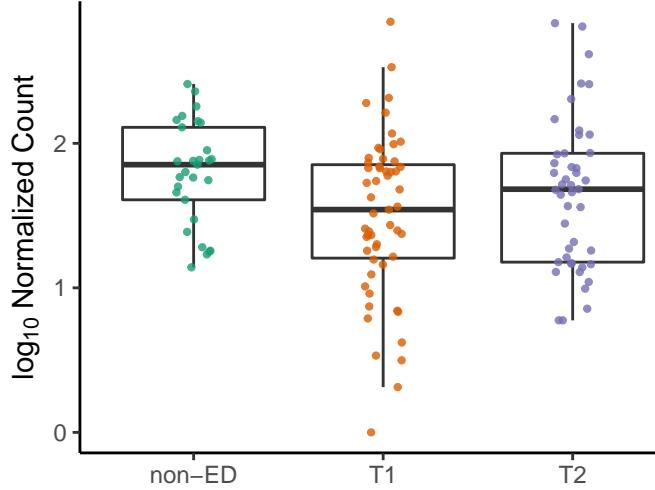
### *Corynebacterium pseudotuberculosis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.98



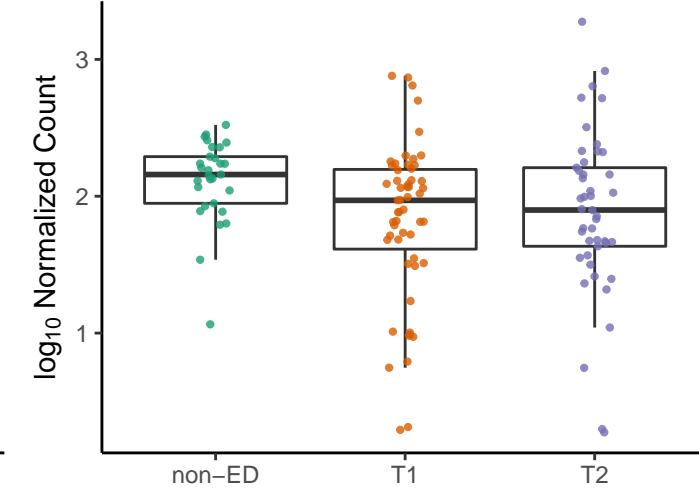
### *Curtobacterium* sp. MR\_MD2014

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



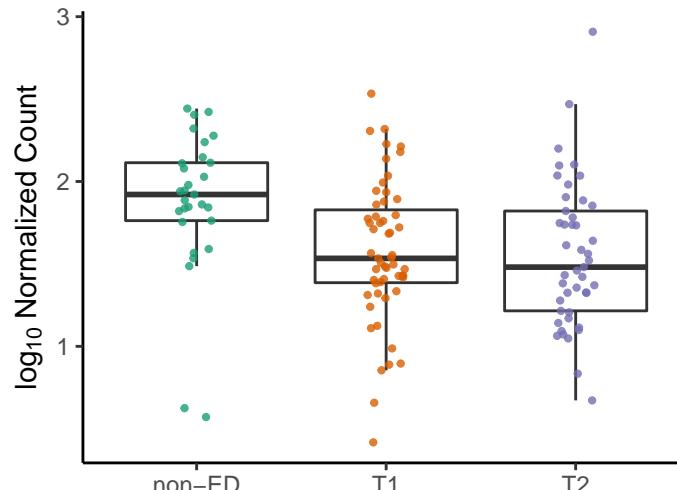
### *Mycobacterium kansasii*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



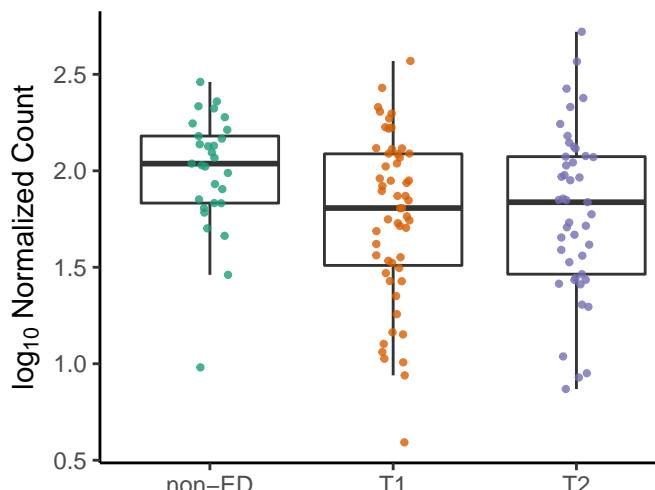
### *Nautilia* sp. PV-1

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



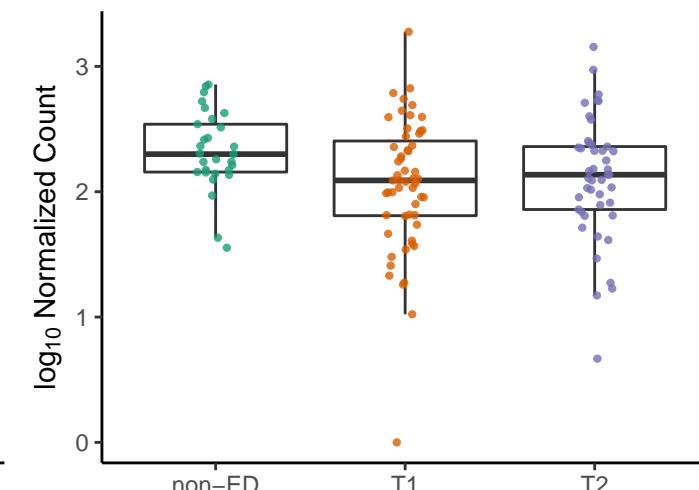
### *Pseudomonas fulva*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.87



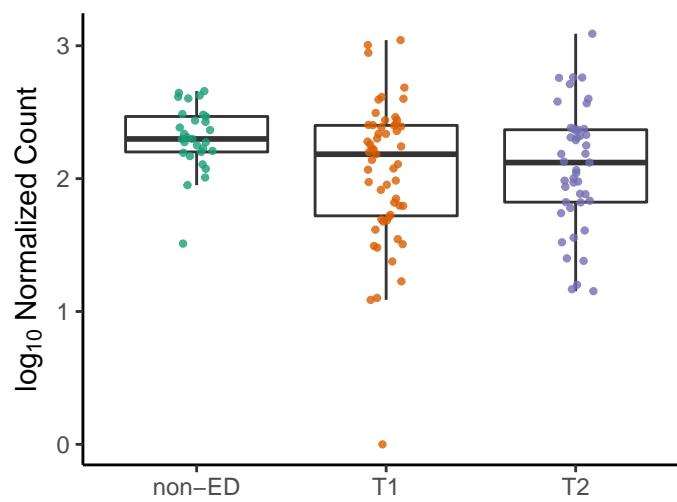
### Unclassified Paracoccus Genus

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.85



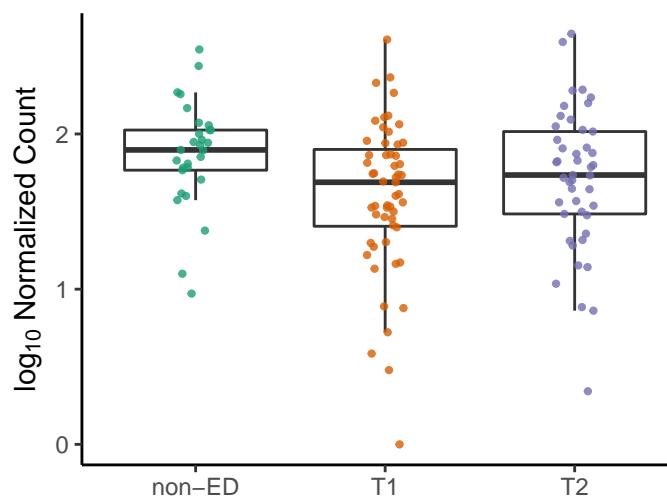
### Unclassified Rathayibacter Genus

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.85



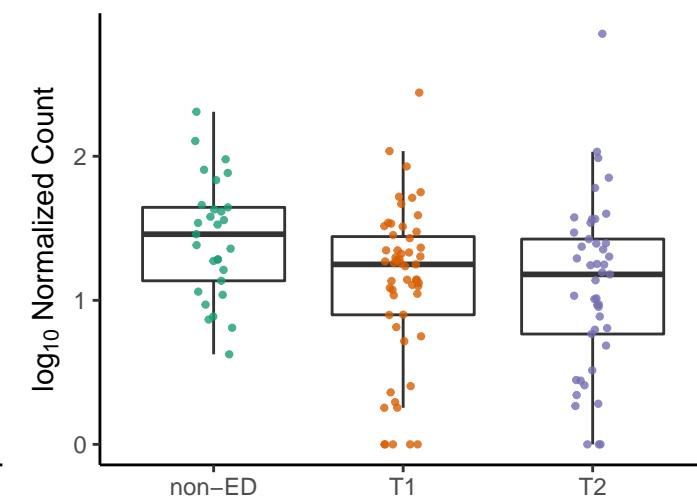
### [Pasteurella] aerogenes

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



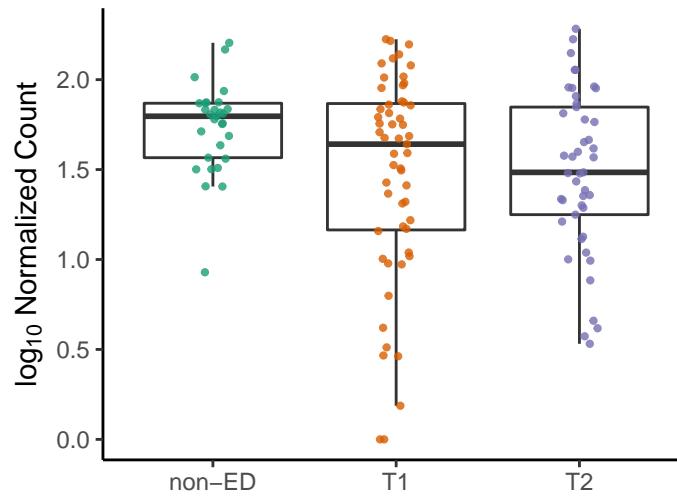
### Chromobacterium haemolyticum

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.97



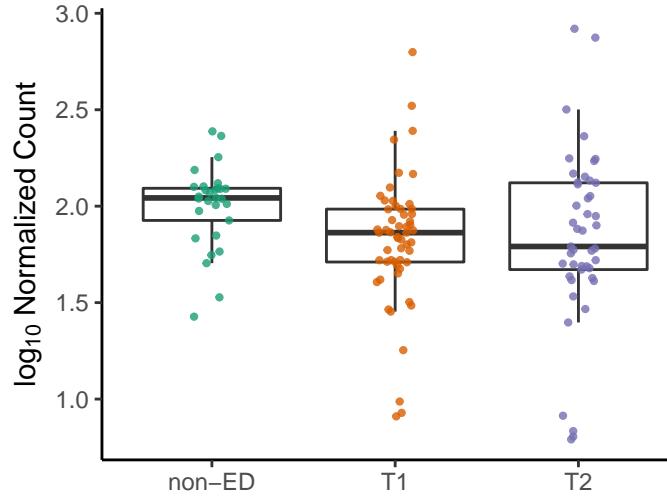
### Pseudomonas reinekei

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



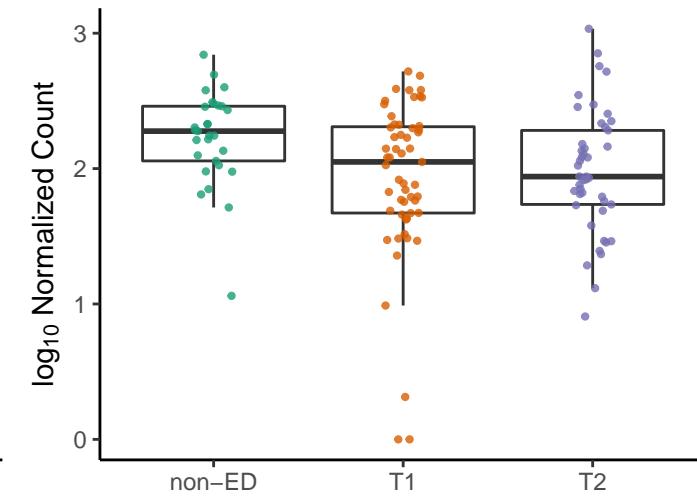
### Chryseobacterium carnipullorum

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.98



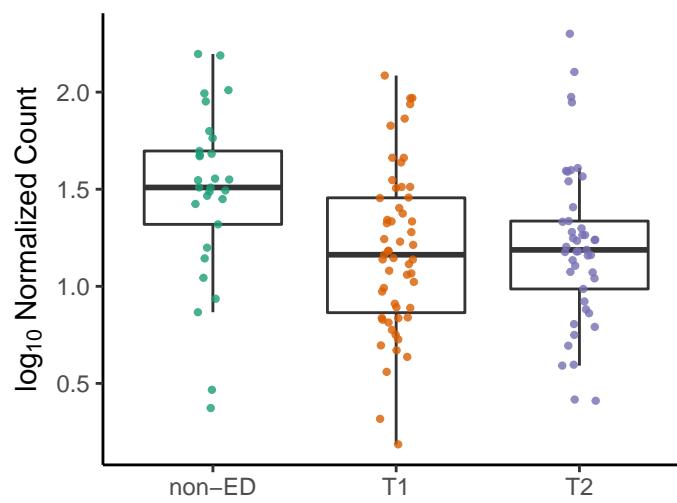
### Deinococcus actinoscleris

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.85



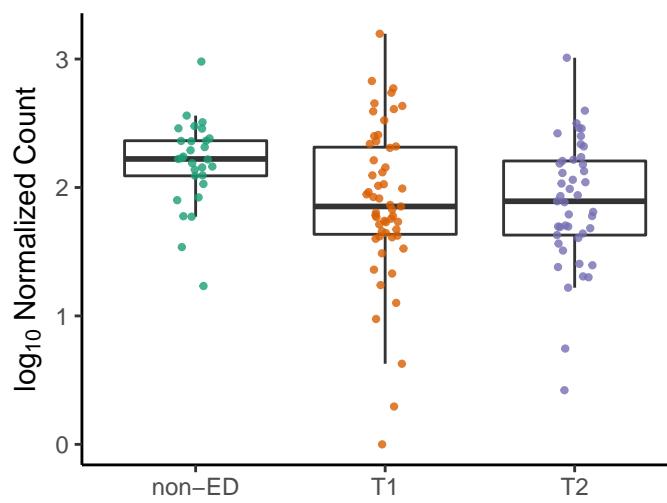
### Yersinia canariae

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.95



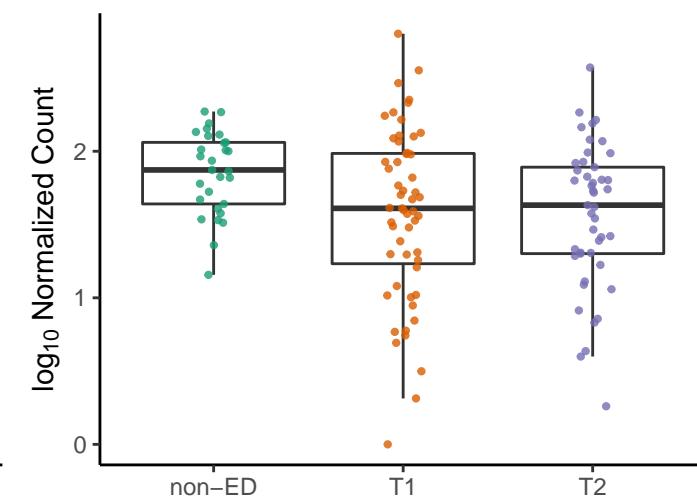
### endosymbiont of unidentified scaly snail

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.92



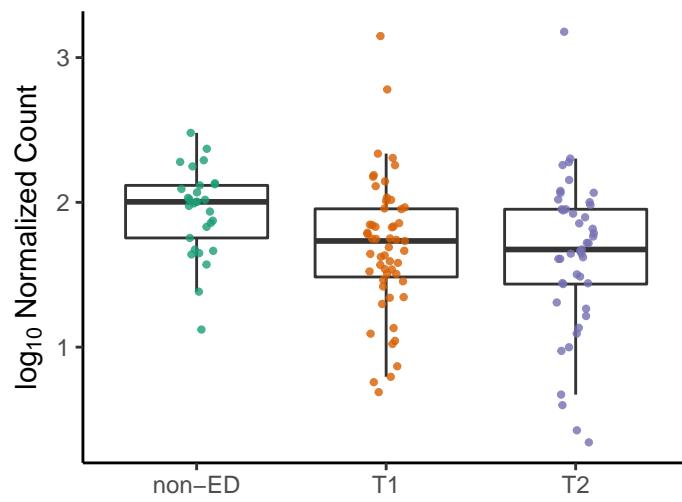
### Afipia sp. GAS231

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 1



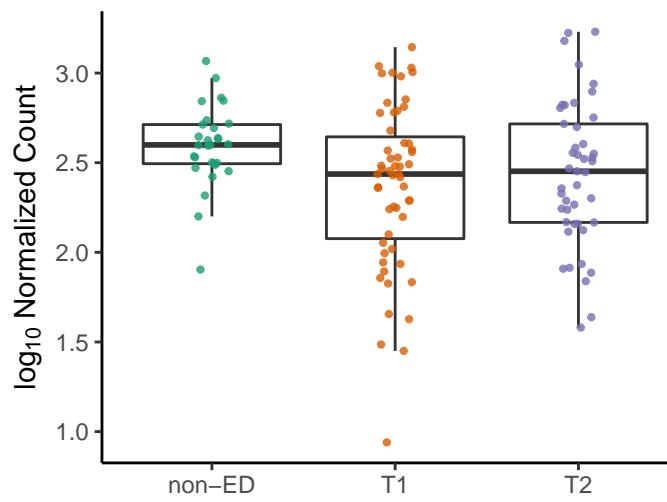
### *Flavobacterium pallidum*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.91



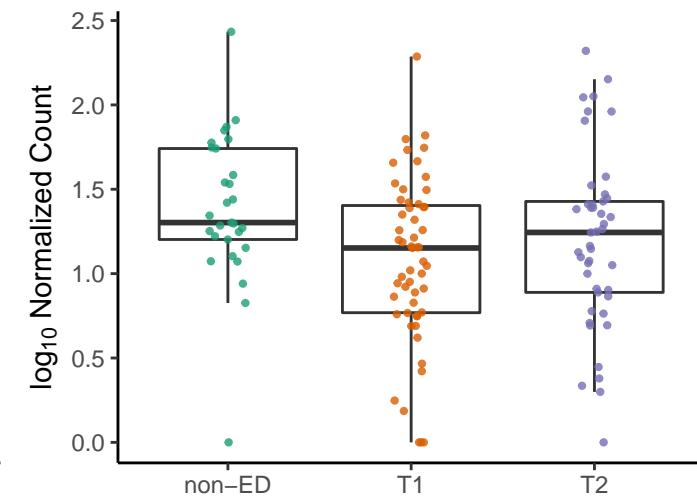
### Unclassified Micrococcaceae Family

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.85



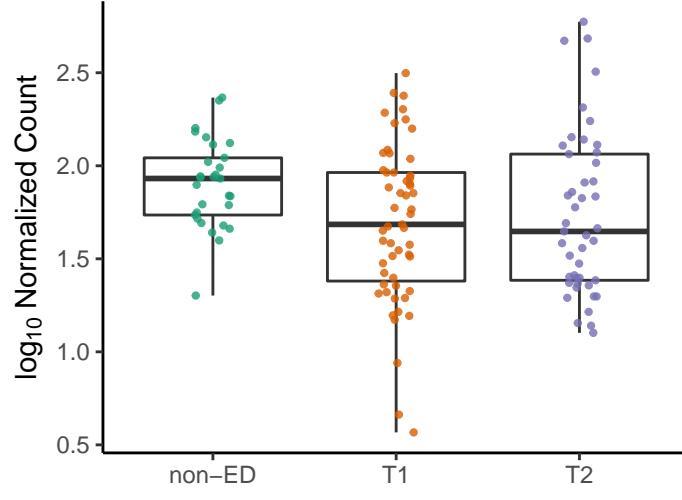
### *Archaeoglobus sulfaticallidus*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



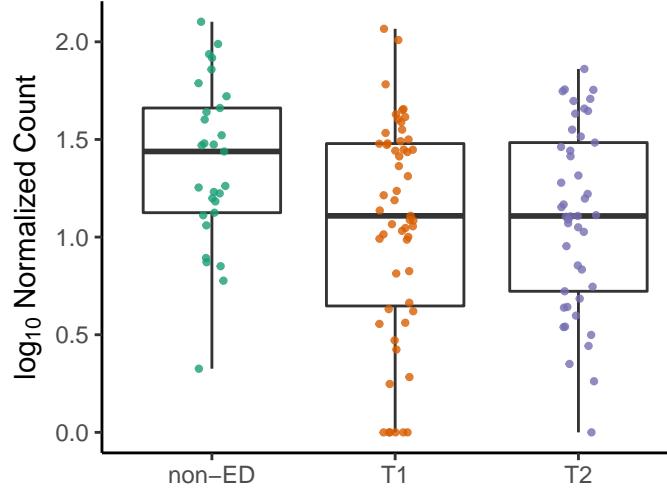
### *Chthonomonas calidirosea*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.87



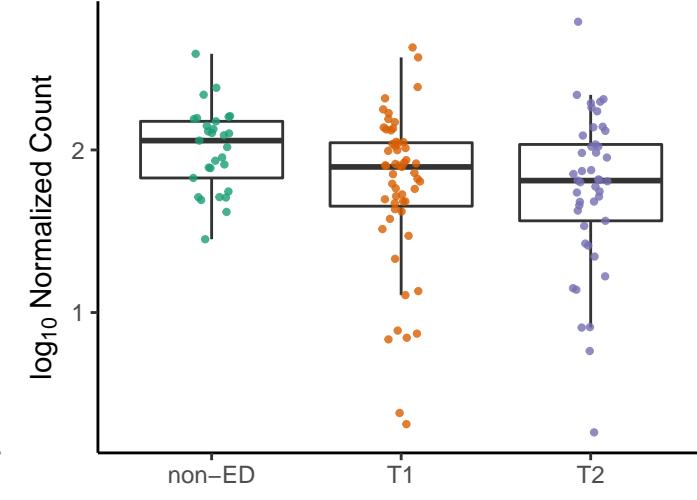
### *Halanaeroarchaeum sulfurireducens*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.94



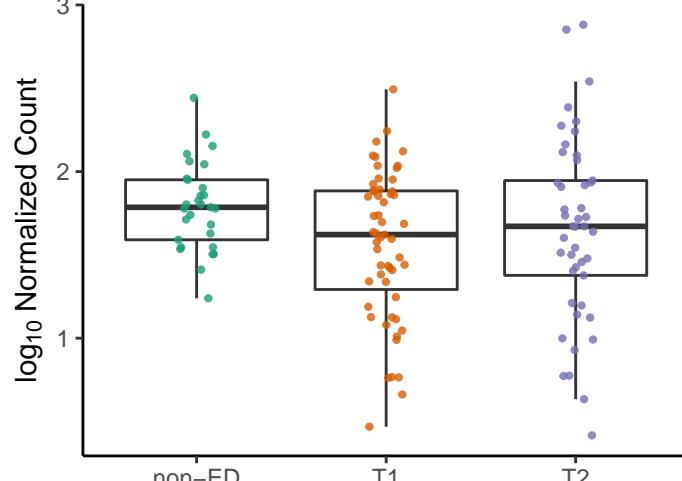
### *Janthinobacterium* sp. 17J80-10

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.94



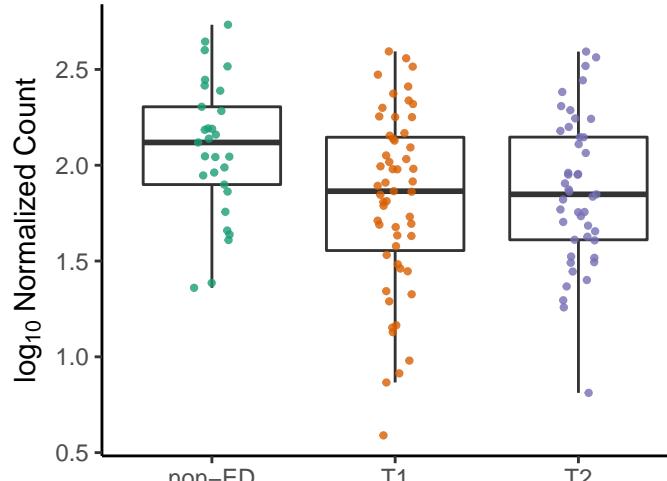
### *Neomicrococcus aestuarii*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



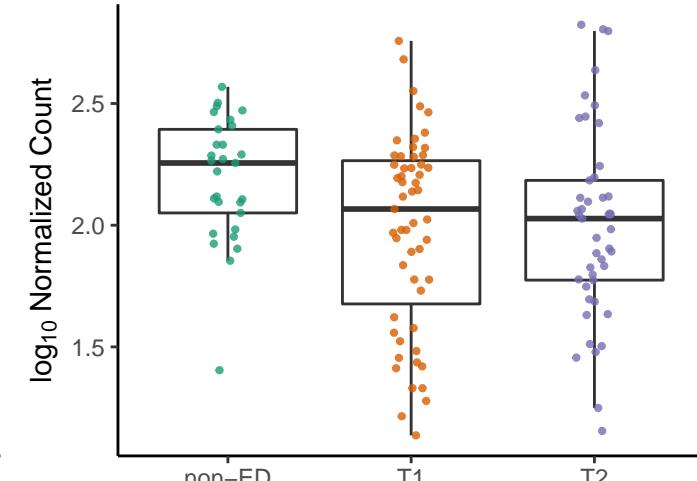
### *Nocardioides* sp. HDW12B

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.87



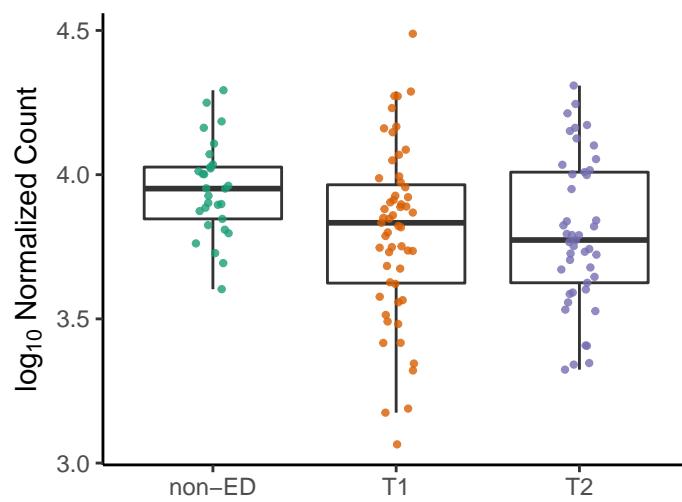
### *Pseudomonas orientalis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.87



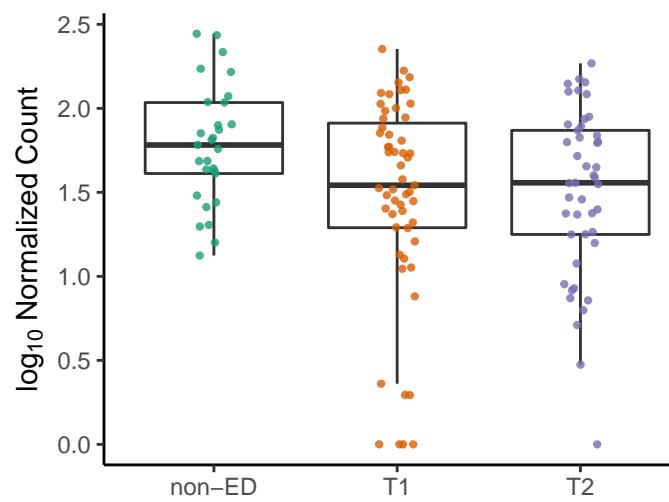
### Unclassified Gammaproteobacteria Clade

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.86



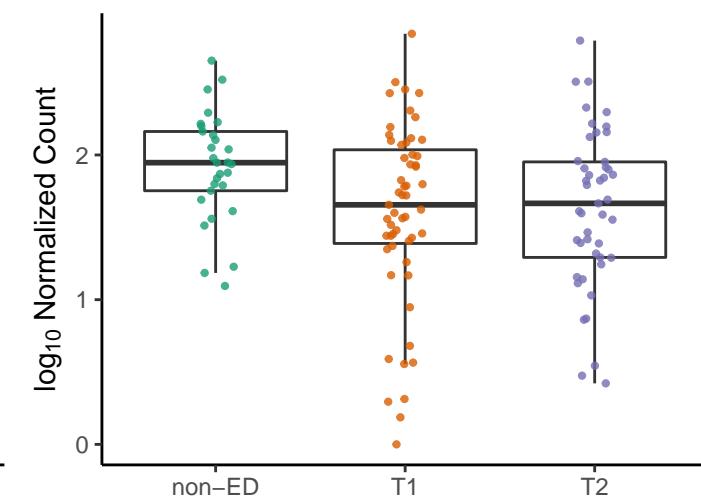
### Unclassified Synechococcaceae Family

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.9



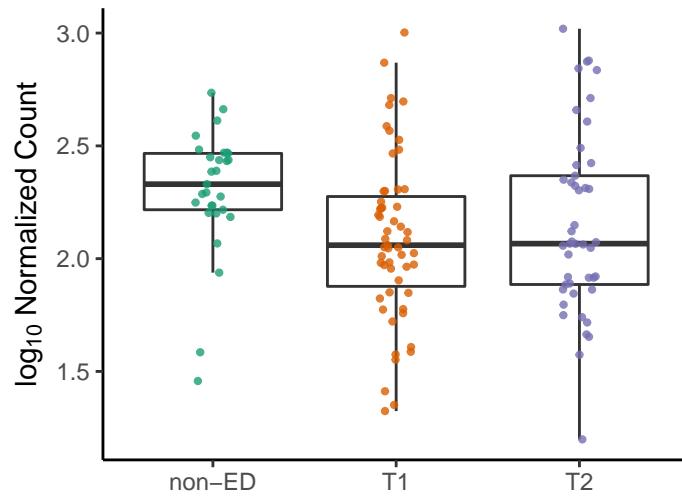
### Sterolibacteriaceae bacterium J5B

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.85



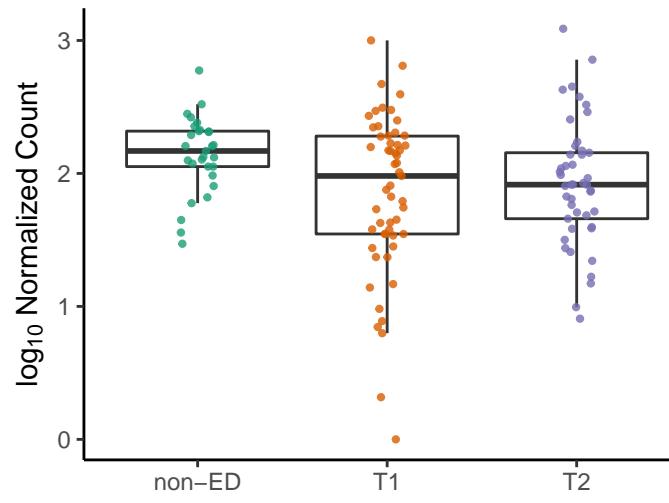
### Pelosinus sp. UFO1

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.87



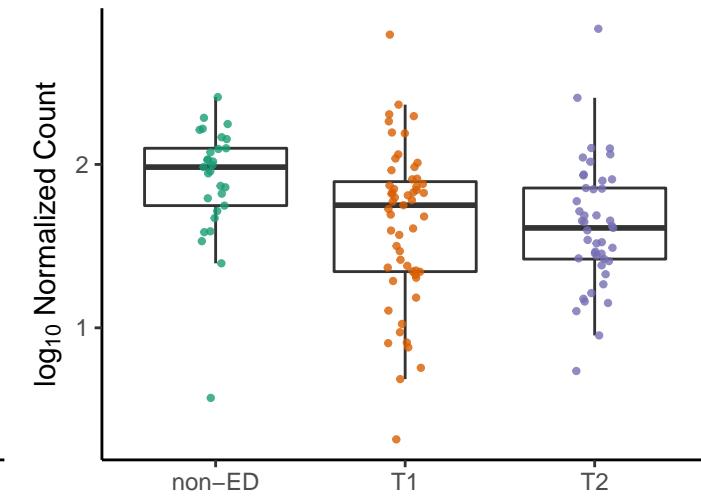
### Nocardiopsis alba

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.85



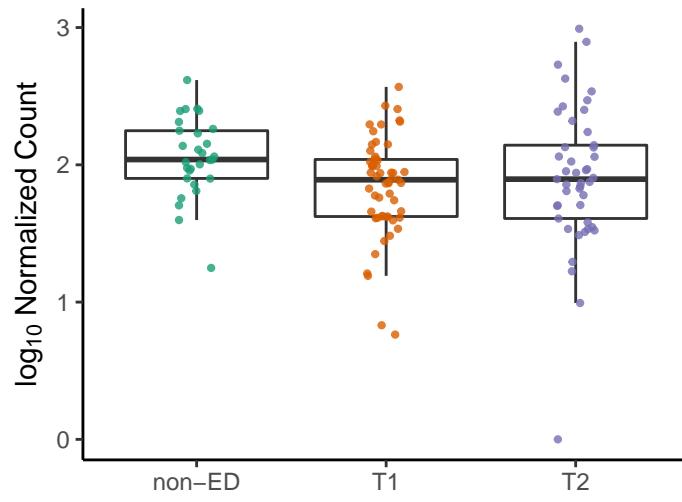
### Methanoscincus siciliae

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.87



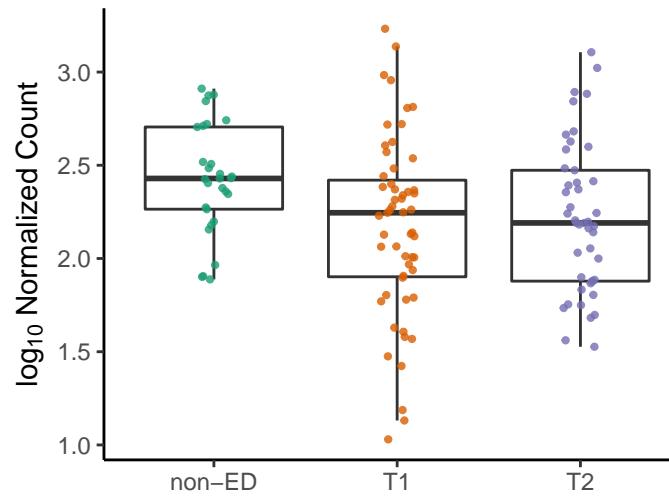
### Pseudorhodobacter sp. S12M18

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



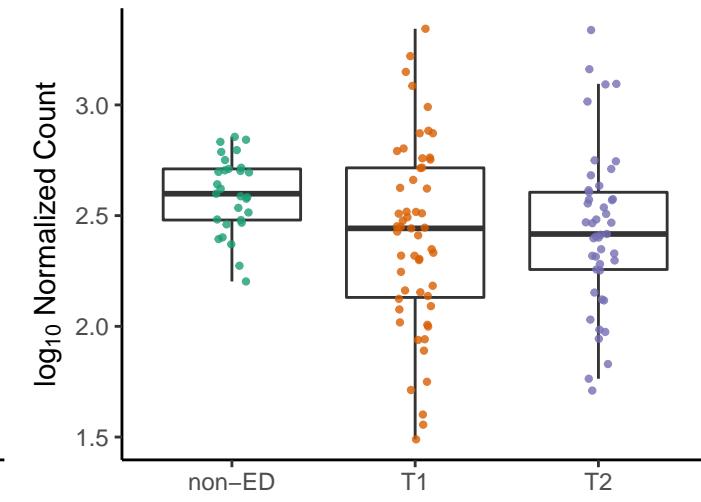
### Unclassified Pseudonocardia Genus

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



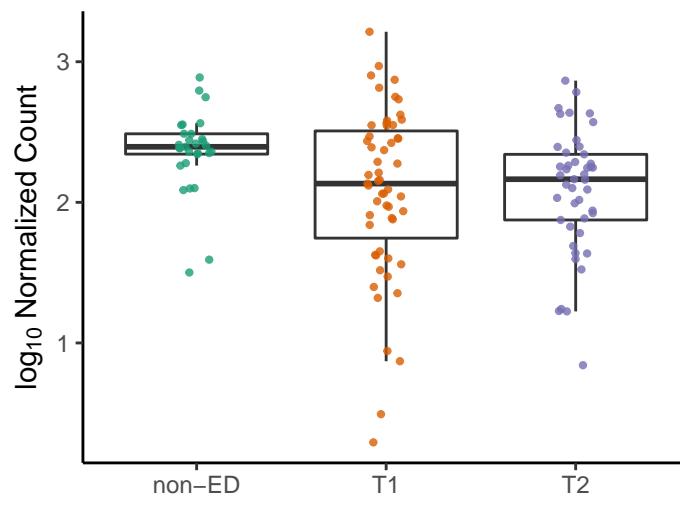
### Unclassified Neisseria Genus

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.91



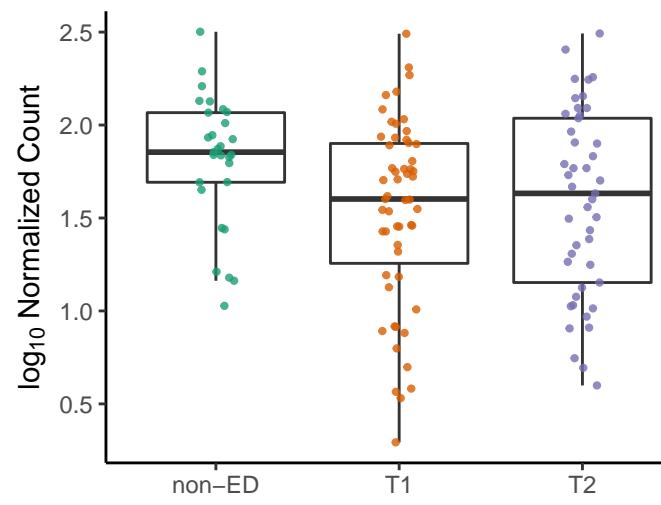
### *Euzebya* sp. DY32–46

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.95



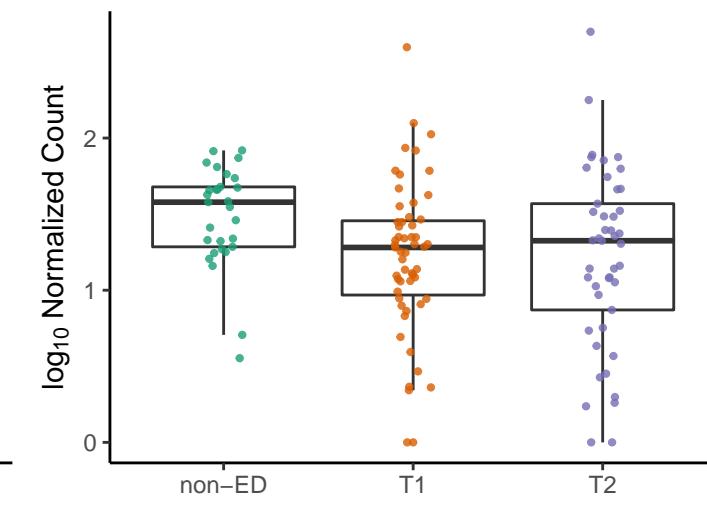
### *Mycobacterium florentinum*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.9



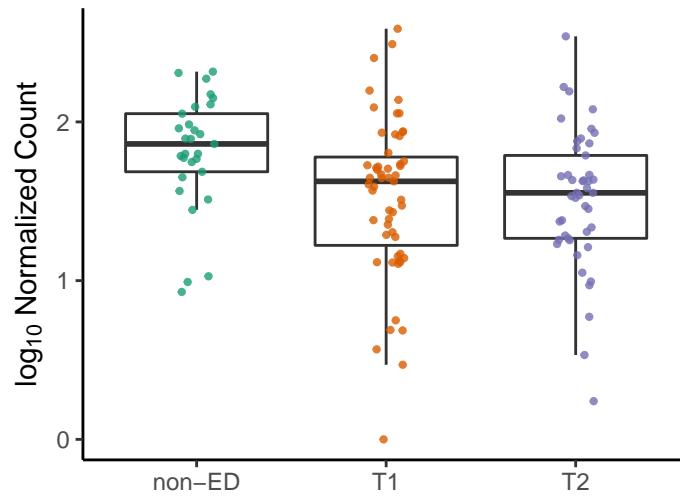
### *Glaeserella* sp. 15–184

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.91



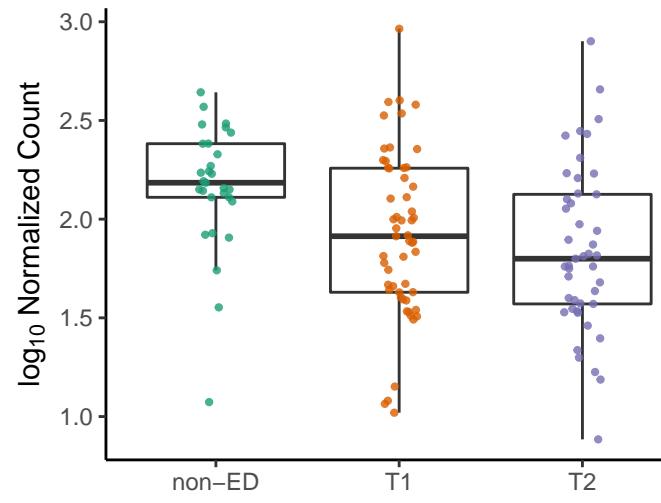
### *Sporosarcina ureilytica*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.92



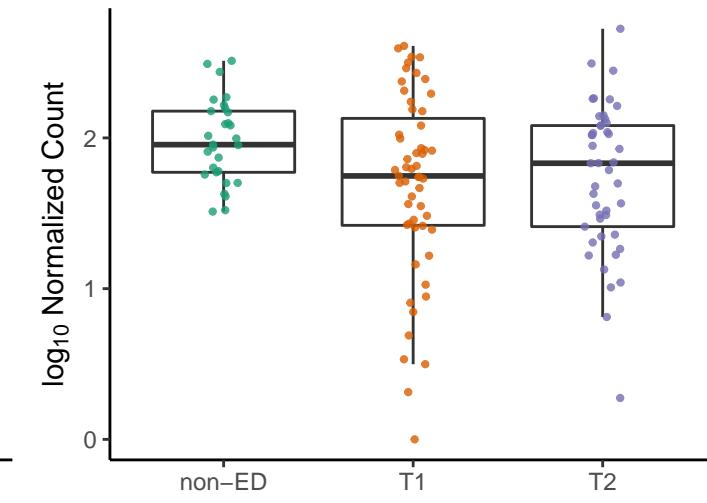
### *Anaerococcus mediterraneensis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.85



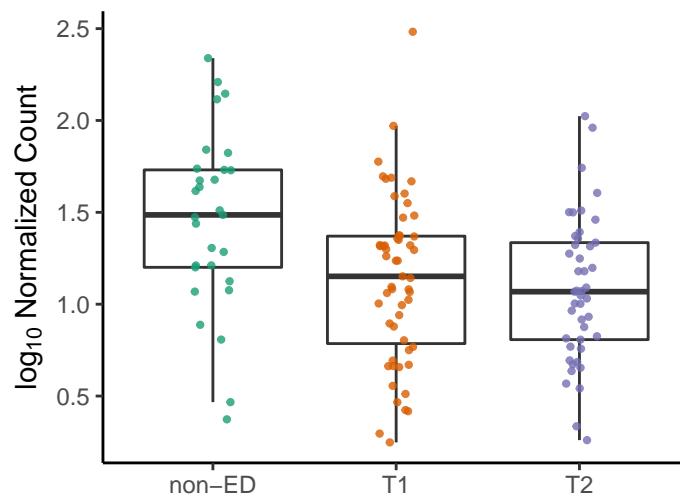
### *Micromonospora terminaliae*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



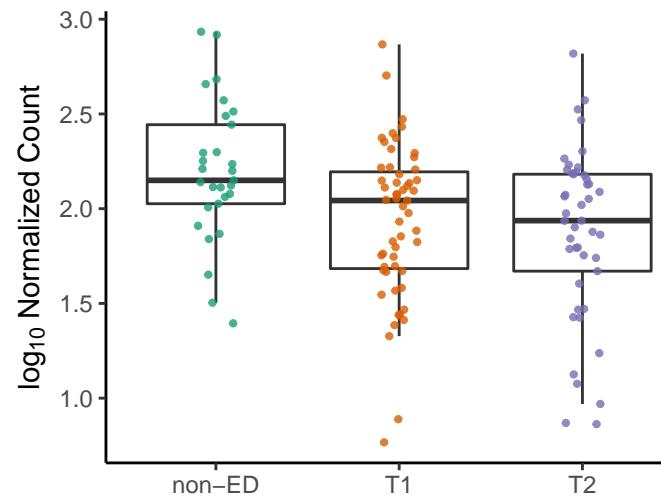
### *Thermodesulfobium narugense*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.86



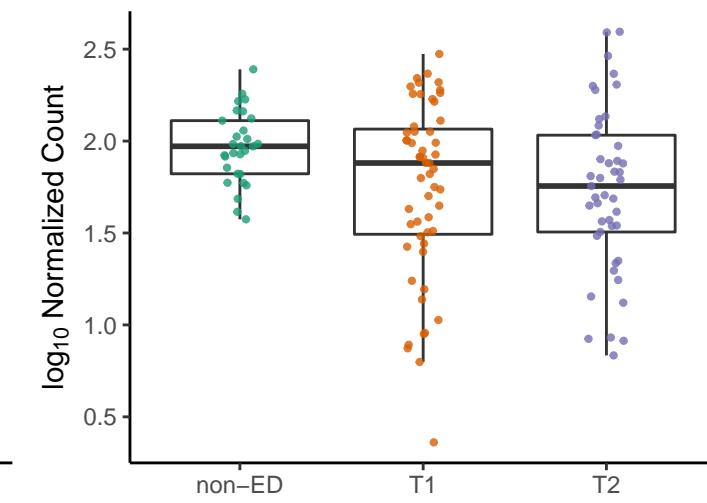
### *Neisseria elongata*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.96



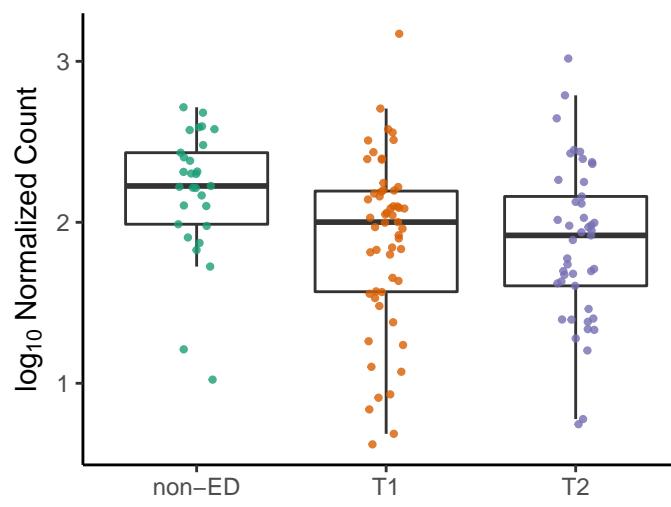
### *Emcibacter* sp. MEBiC09520

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.97



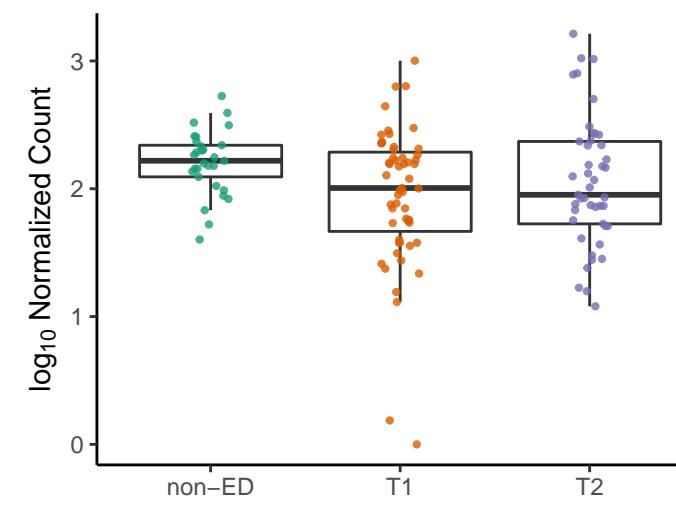
### *Deinococcus puniceus*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.92



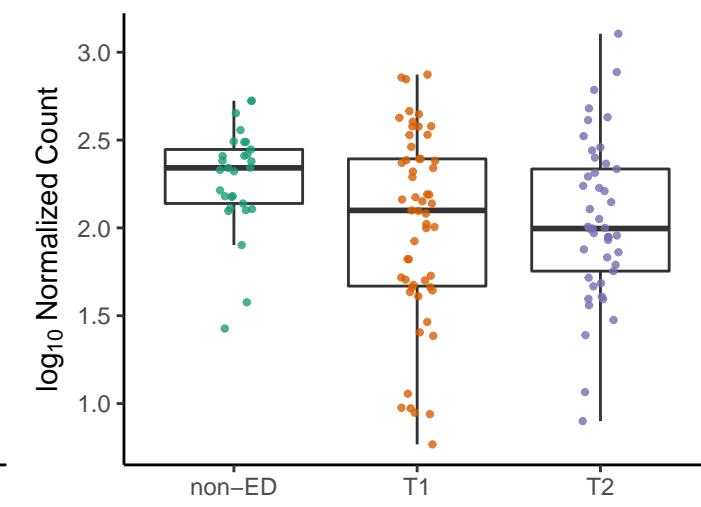
### *Desulfovibrio magneticus*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



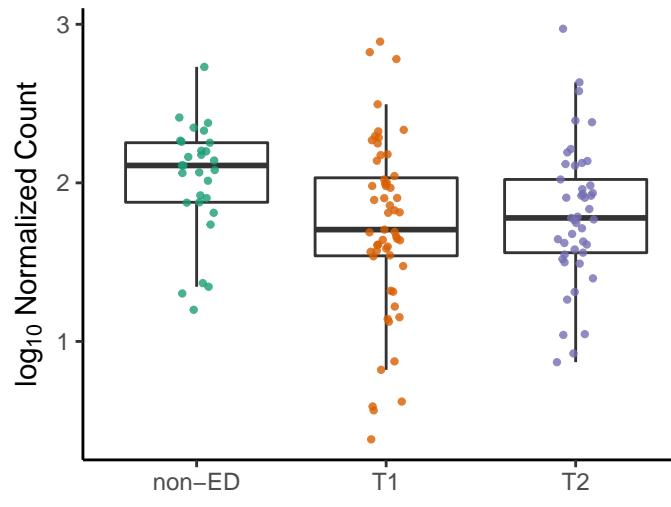
### *Sphaerotilus natans*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



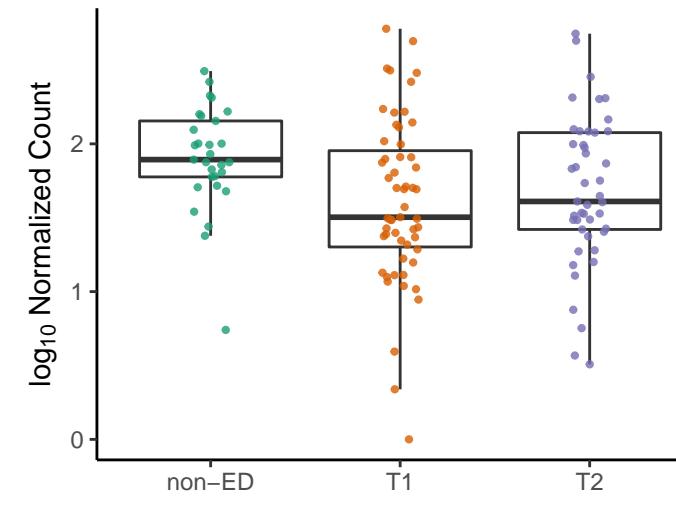
### *Pseudomonas litoralis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.87



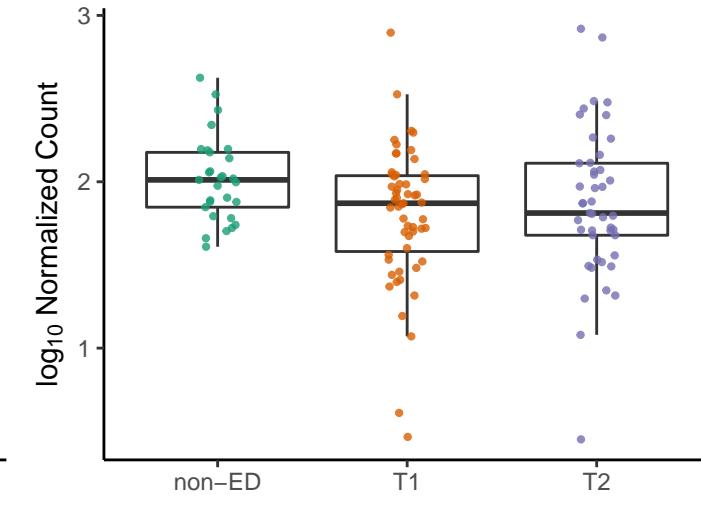
### *Jeotgalibaca arthritidis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.95



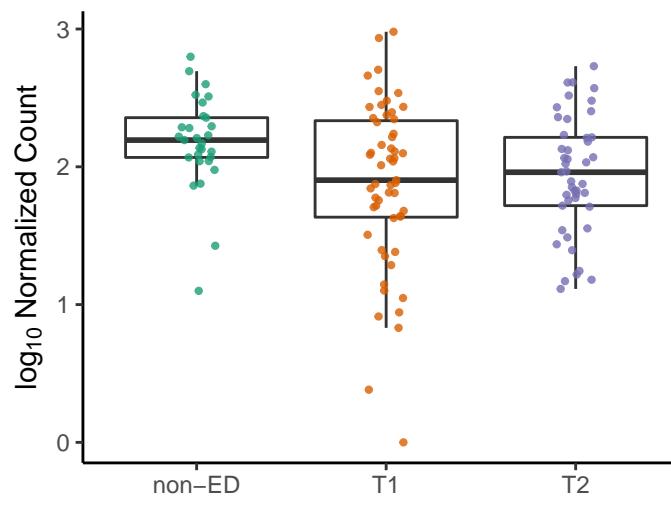
### *Burkholderia* sp. DHOD12

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



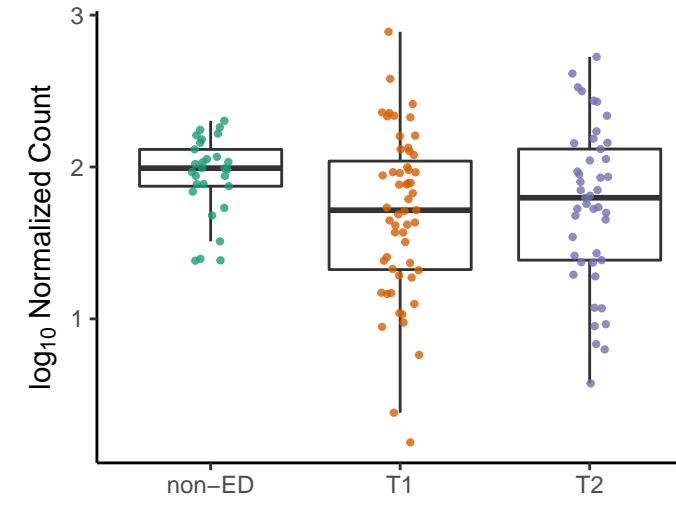
### *Polaromonas* sp. JS666

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



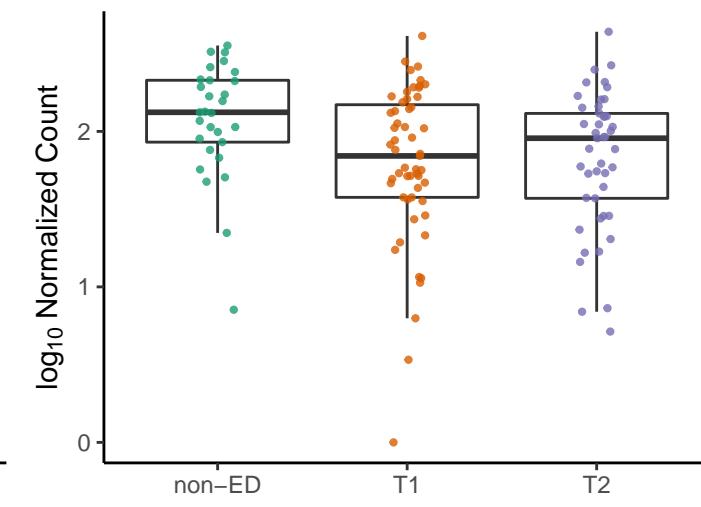
### *Hyphomonas* sp. CACIAM 19H1

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.85



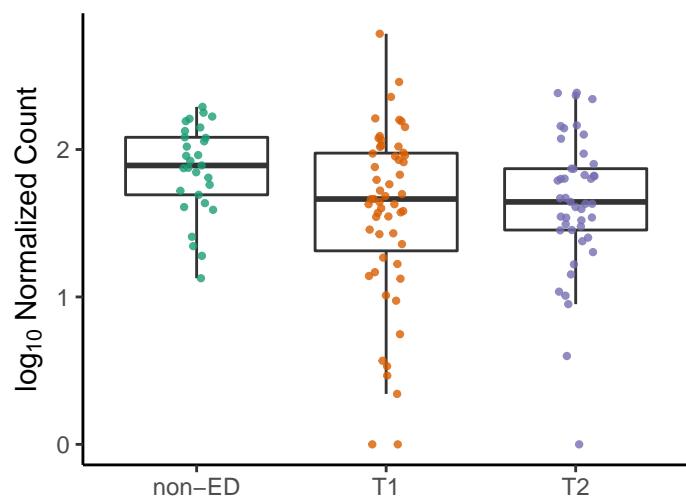
### *Arachidicoccus* sp. BS20

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



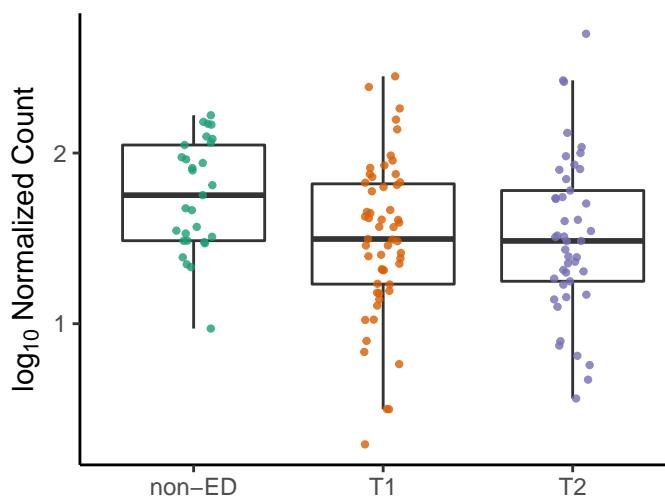
### *Synechococcus* sp. WH 8101

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.87



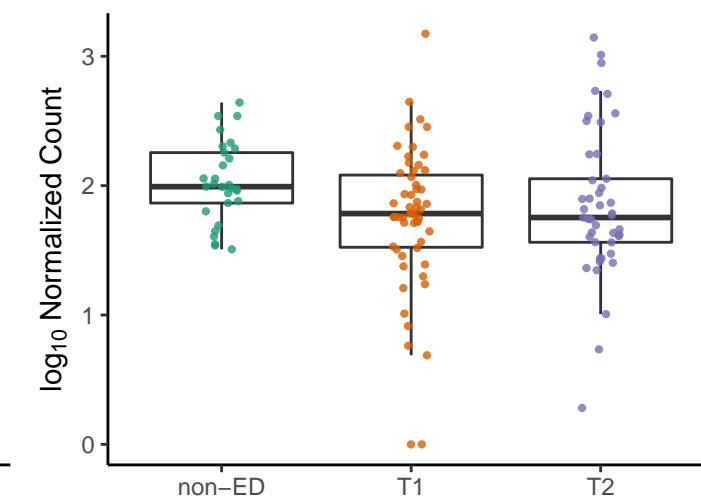
### *Octadecabacter antarcticus*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



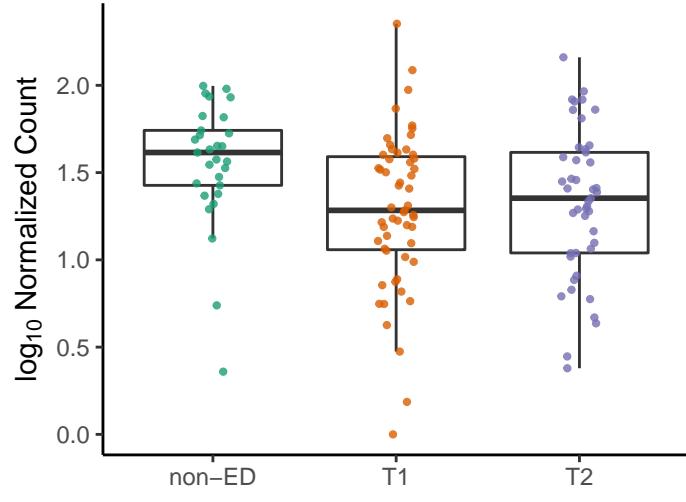
### *Micromonospora coxensis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



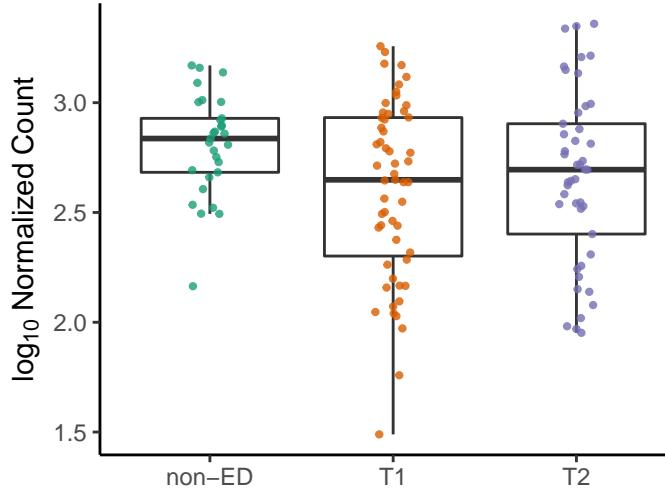
### *Nonlabens spongiae*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.97



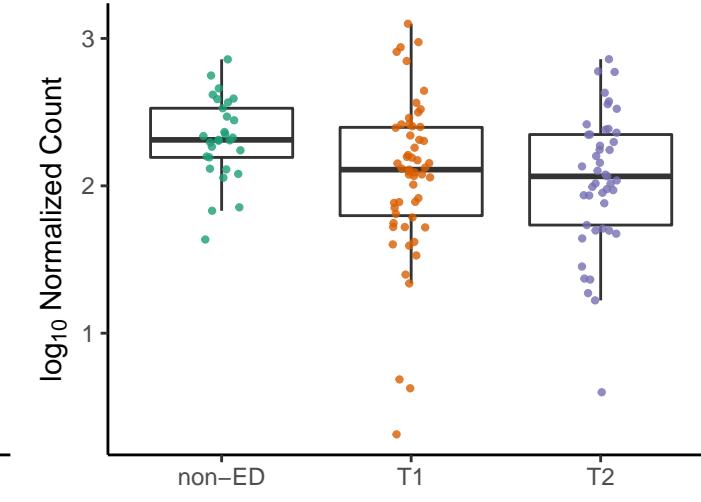
### Unclassified Mesorhizobium Genus

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.85



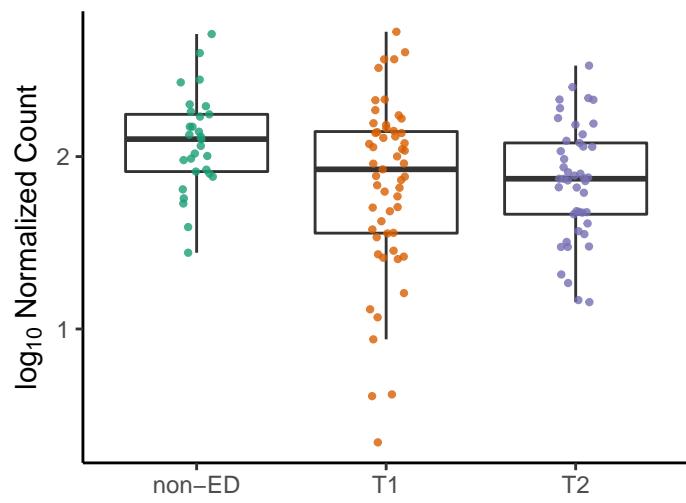
### *Corynebacterium vitaeruminis*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.92



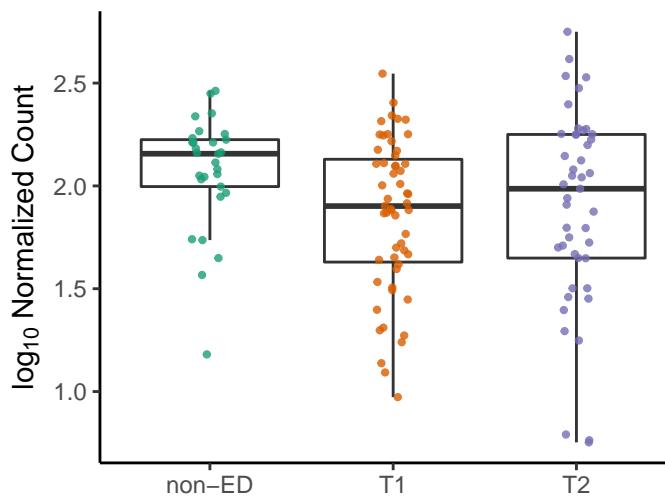
### *Magnetospirillum magneticum*

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.97



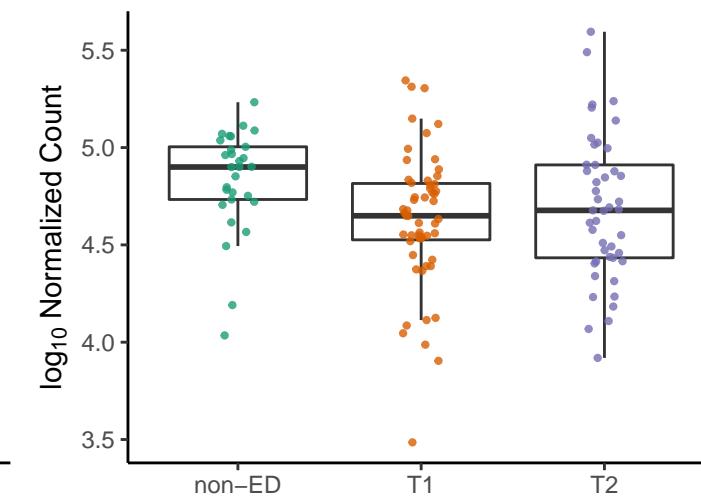
### *Chryseobacterium* sp. NEB161

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.97



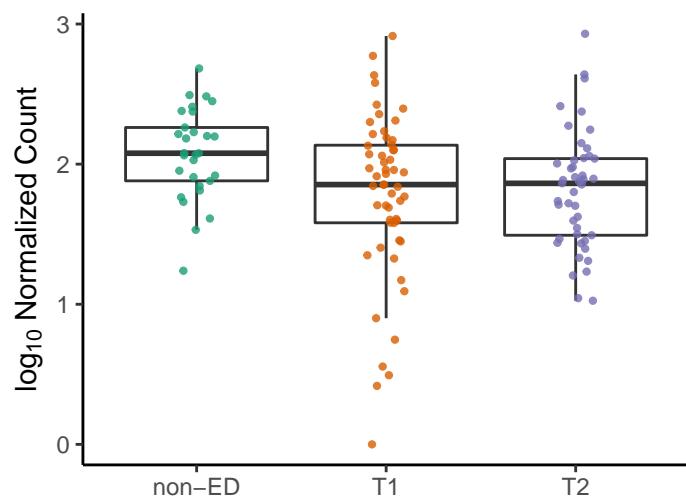
### Lachnospiraceae bacterium Choco86

non-ED vs. T1 adjusted p = 0.015  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.86



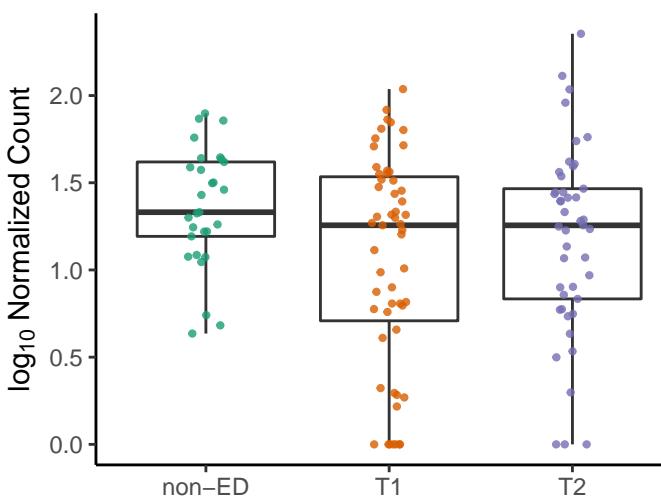
### Sulfitobacter sp. THAF37

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



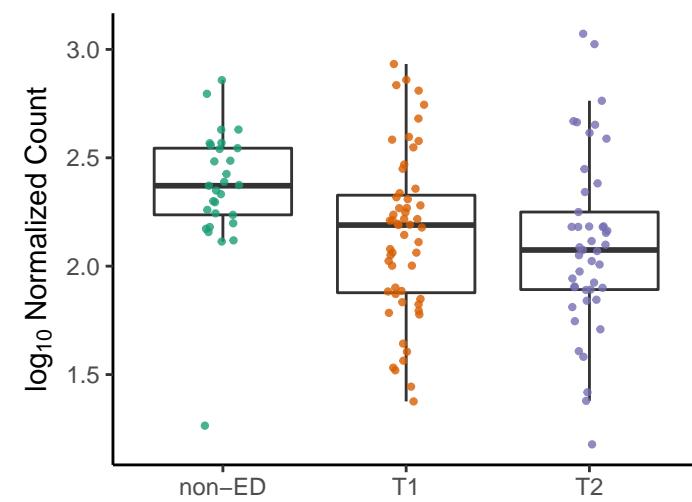
### Unclassified Chelatococcus Genus

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



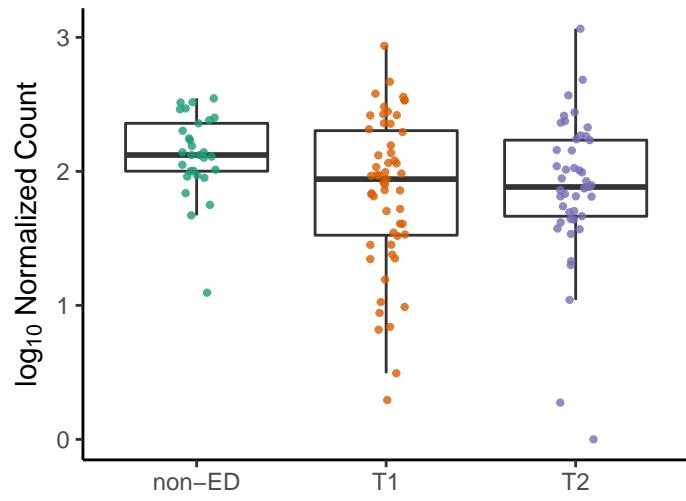
### Bacillus sp. FJAT-18017

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.93



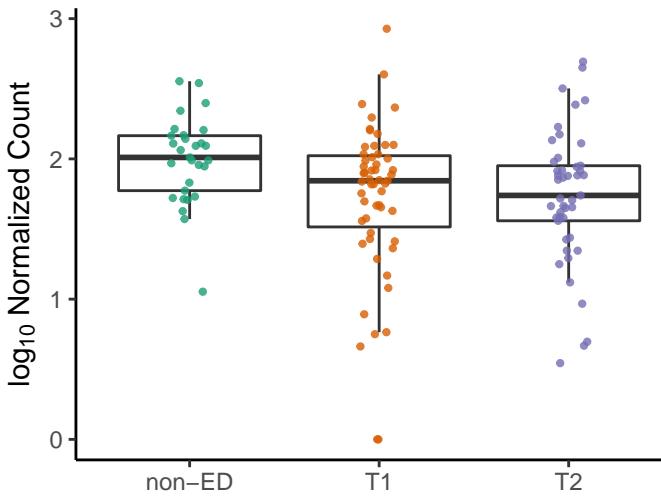
### Brachybacterium saurashtraense

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.86



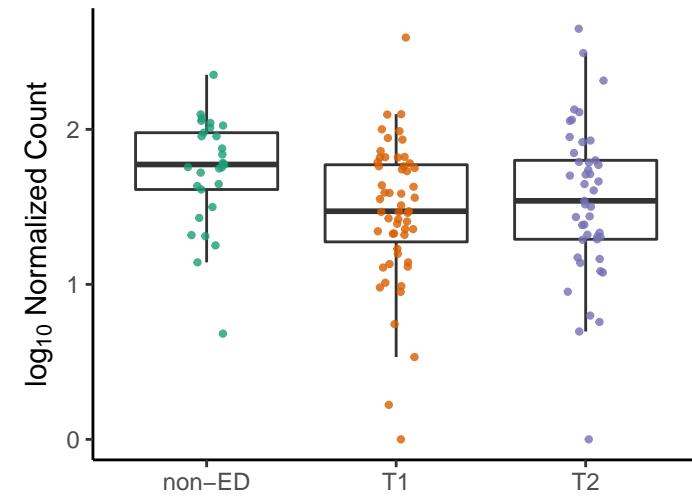
### Xanthomonas arboricola

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



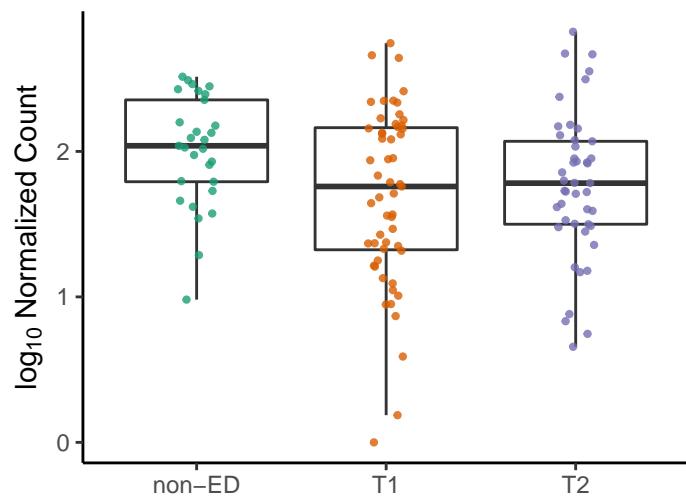
### Acidovorax cattleyae

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.85



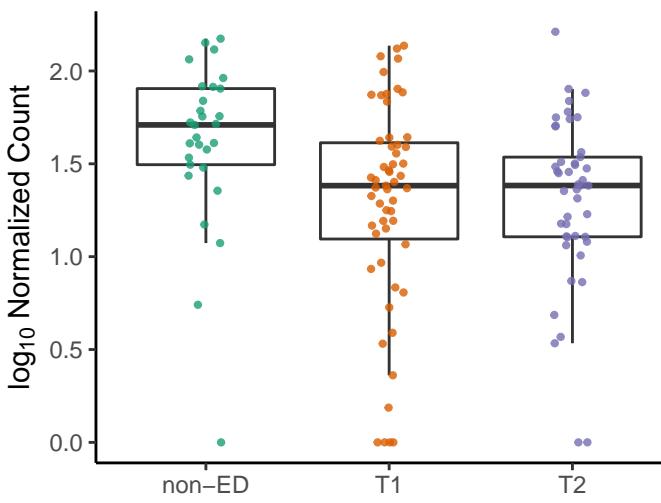
### Pseudonocardia sp. AL041005–10

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.85



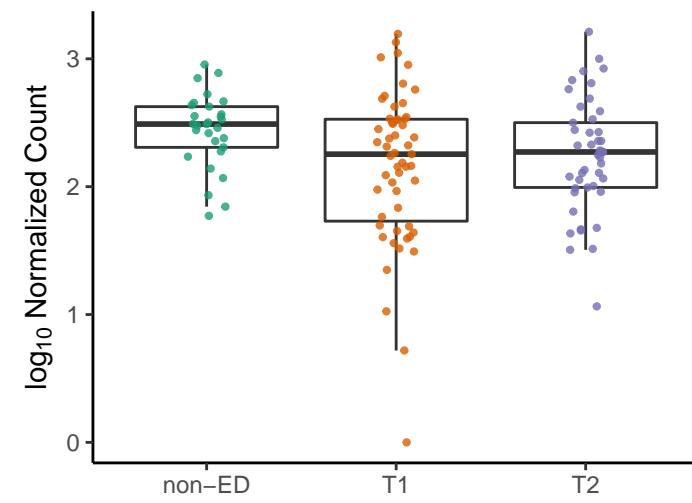
### Francisella hispaniensis

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.98

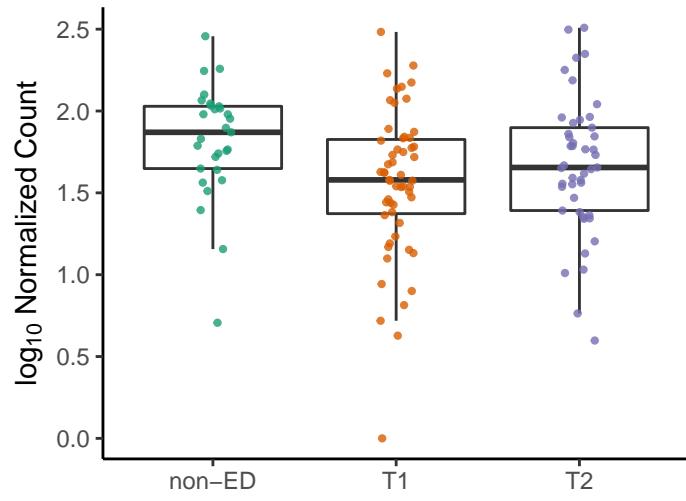


### Myxococcus stipitatus

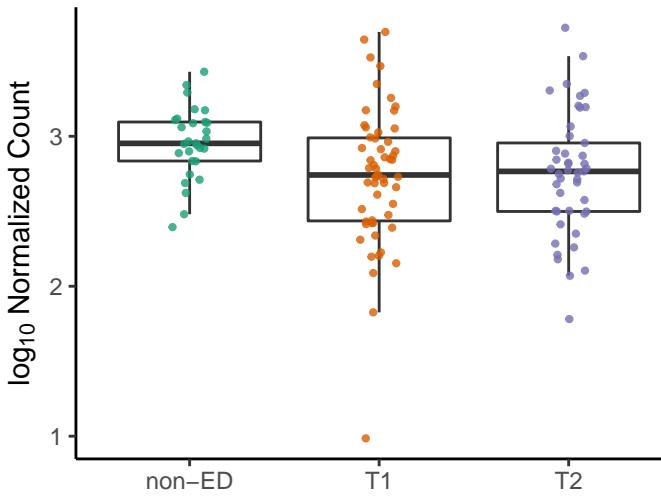
non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.85



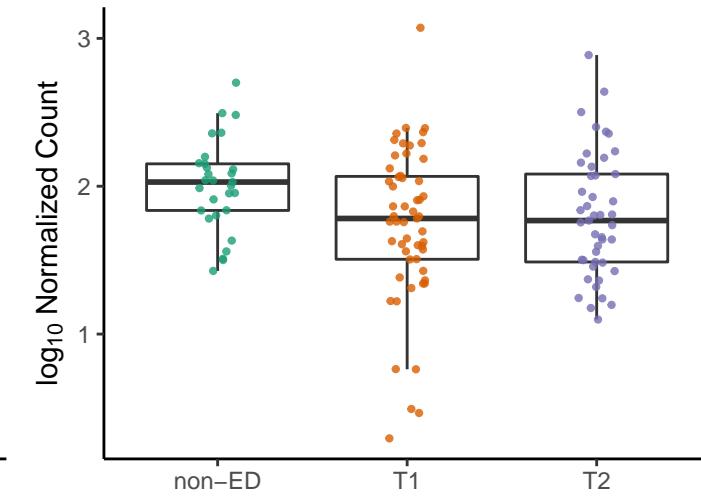
*Bradyrhizobium* sp. CCBAU 051011  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



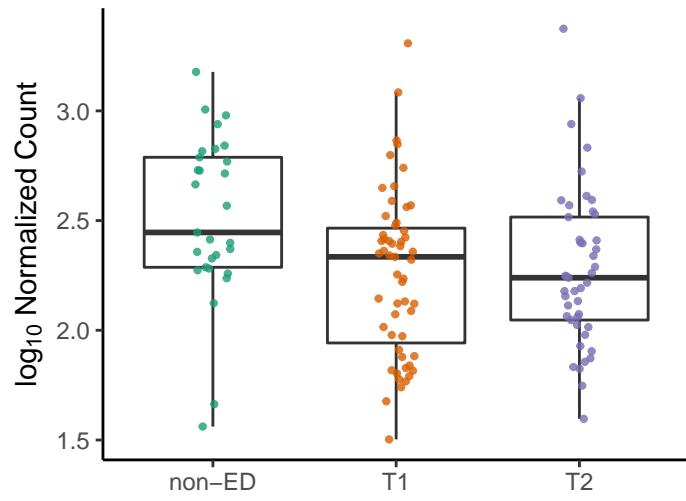
*Rhodopseudomonas palustris*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.91



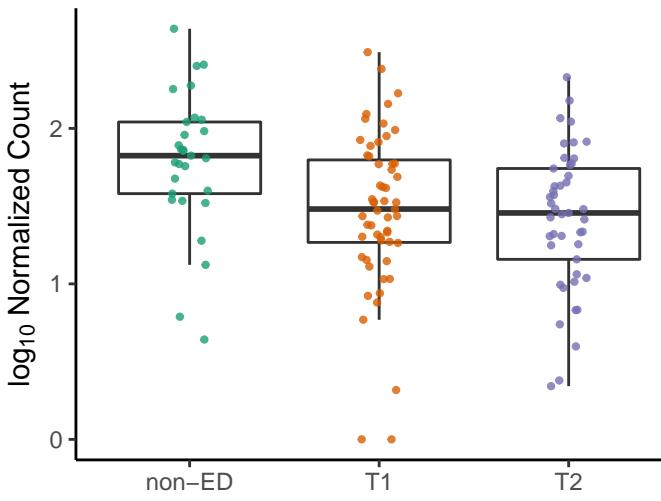
*Rhodococcus ruber*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.85



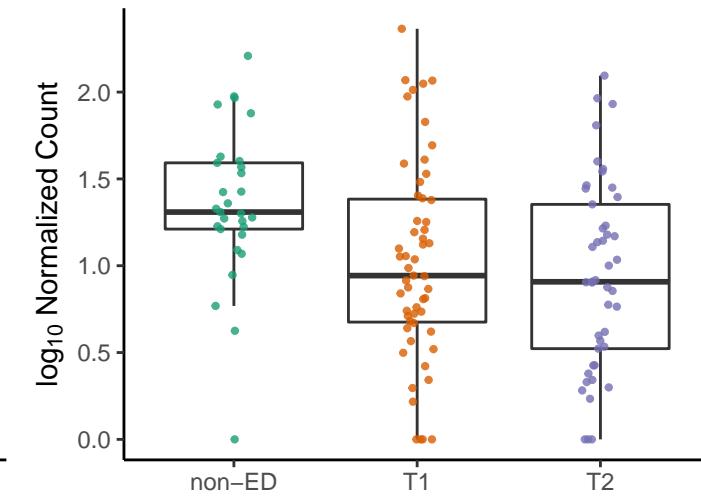
*Heliolestis convoluta*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.9



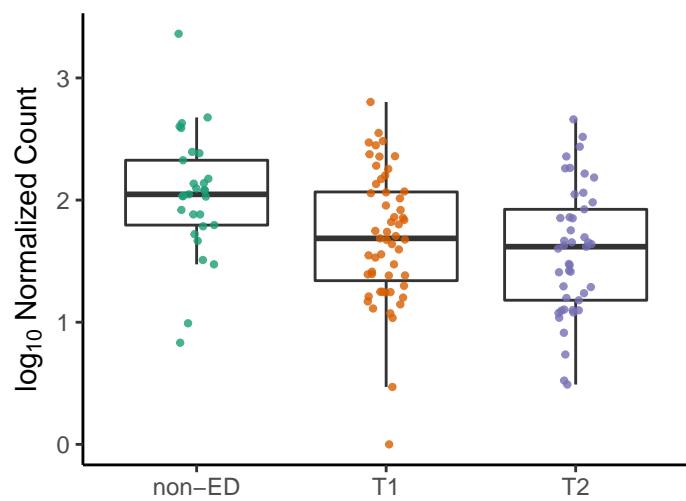
*Arcobacter pacificus*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.91



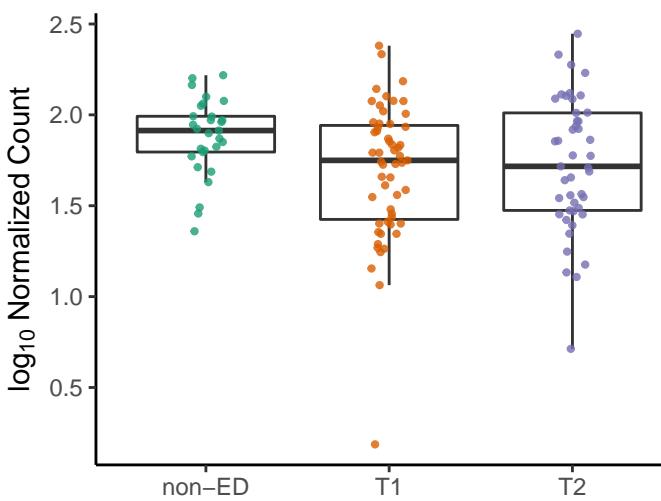
*Pseudoalteromonas arctica*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.85



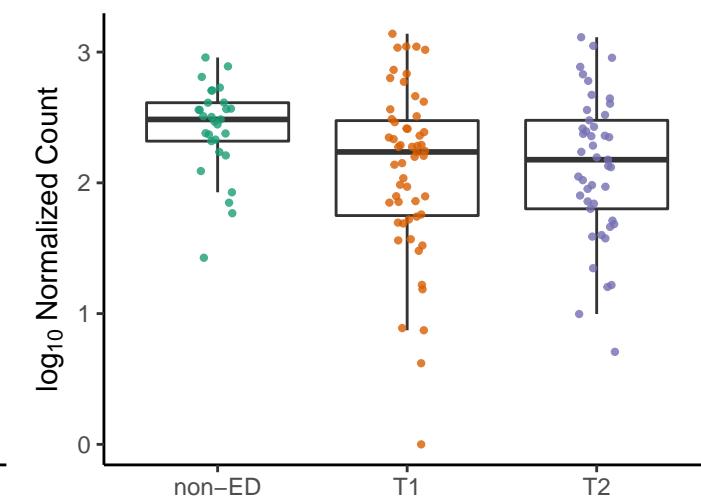
*Streptobacillus moniliformis*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.85



*Neisseria animaloris*  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.86

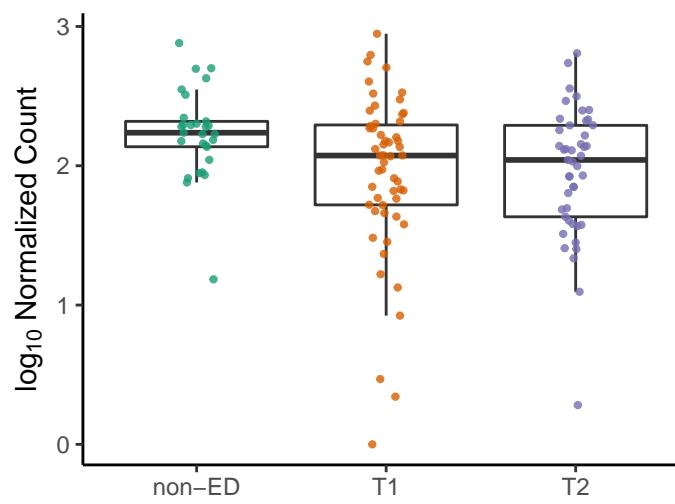


Unclassified *Actinosynnema* Genus  
 non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



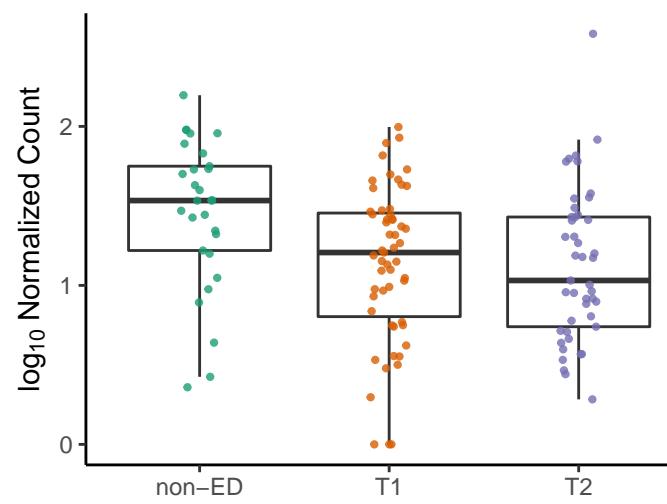
### *Deinococcus irradiatisoli*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.92



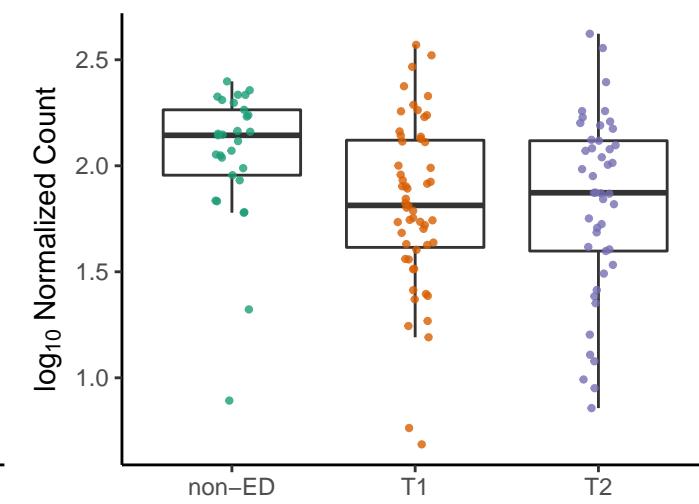
### *Colwellia sp. Arc7-D*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.93



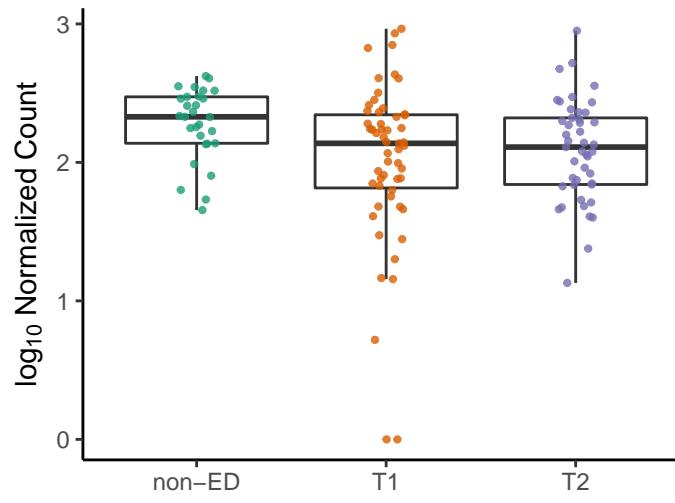
### *Pseudomonas sp. DY-1*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.91



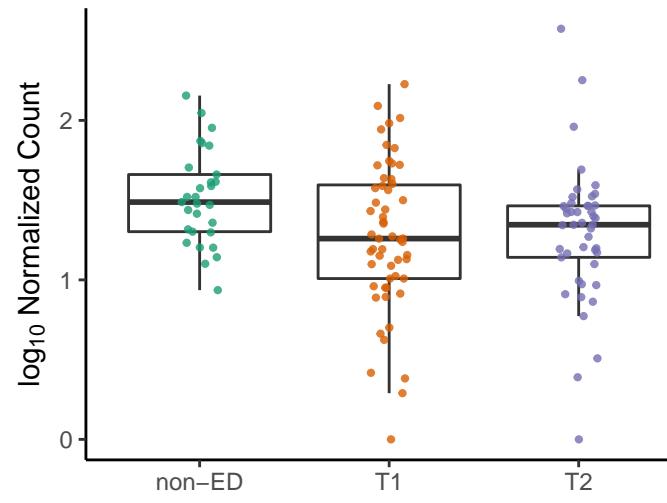
### *Aeromonas schubertii*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



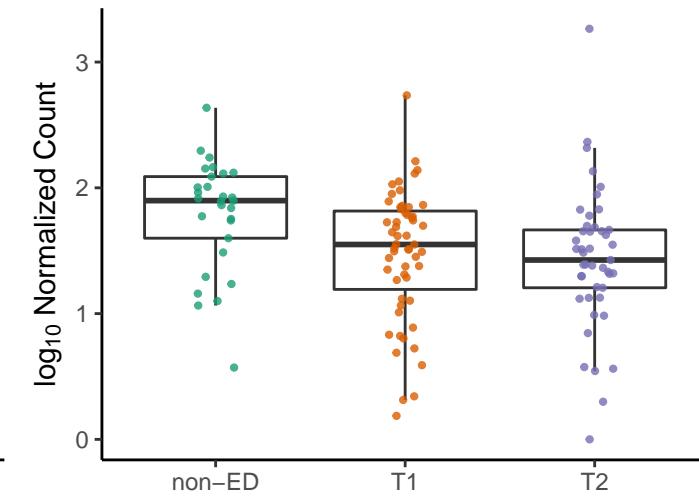
### *Candidatus Aquiluna sp. UB-MaderosW*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.91



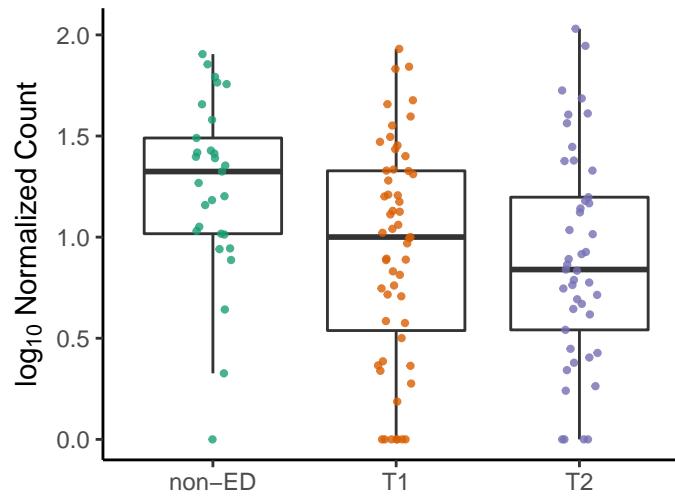
### *Pseudomonas psychrophila*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.9



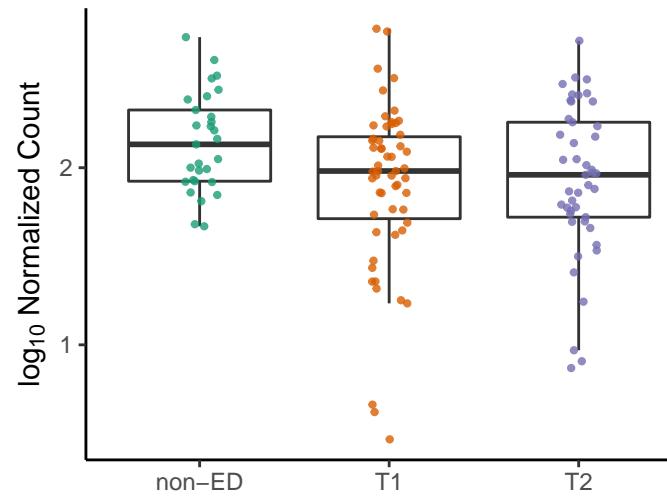
### *Thermococcus sp. 4557*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.93



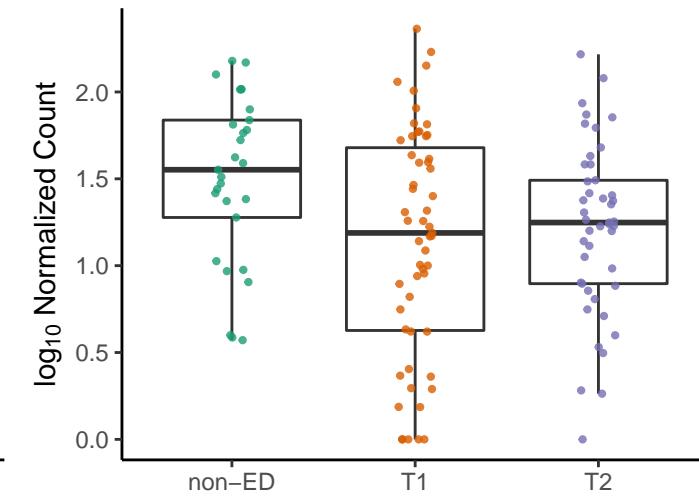
### *Candidatus Accumulibacter phosphatis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



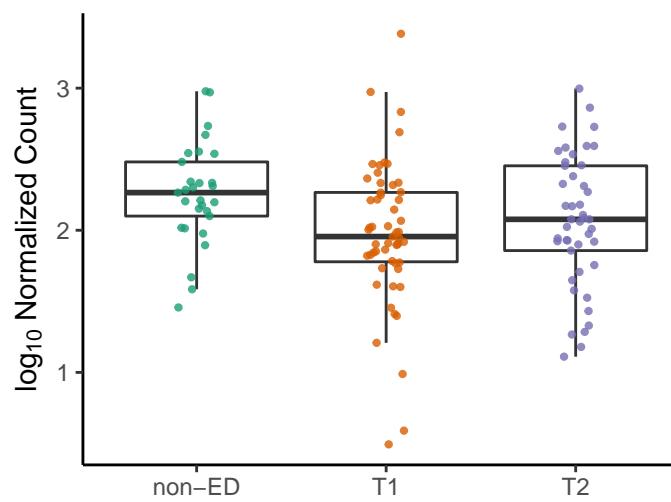
### *Natronorubrum aibiense*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.87



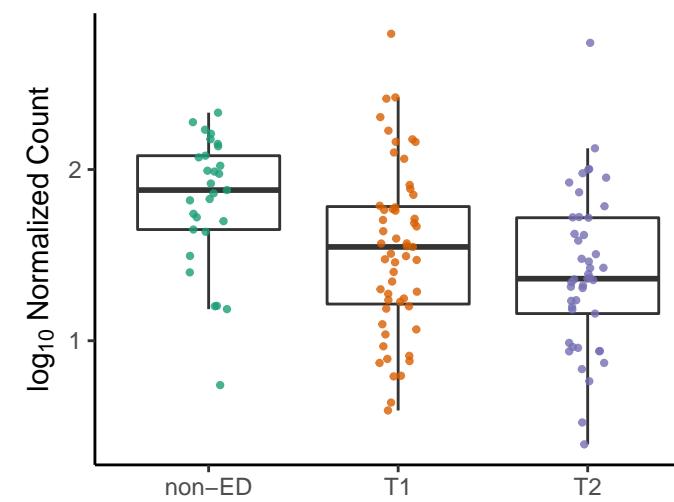
### *Deinococcus maricopensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.85



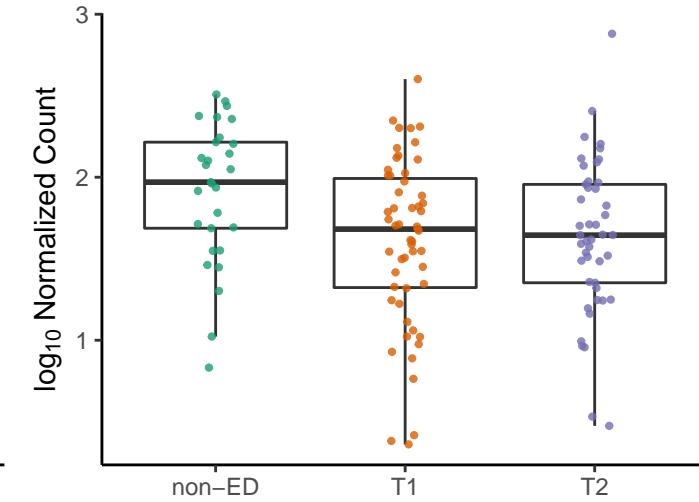
### *Flavobacteriaceae bacterium MAR\_2010*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



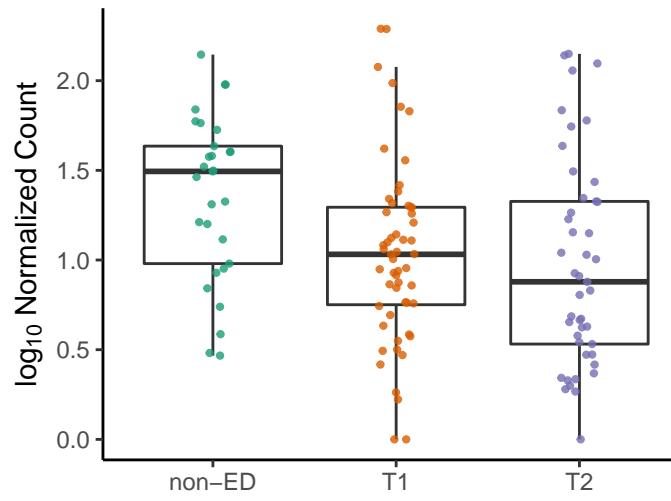
### *Acetobacter ghanensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.87



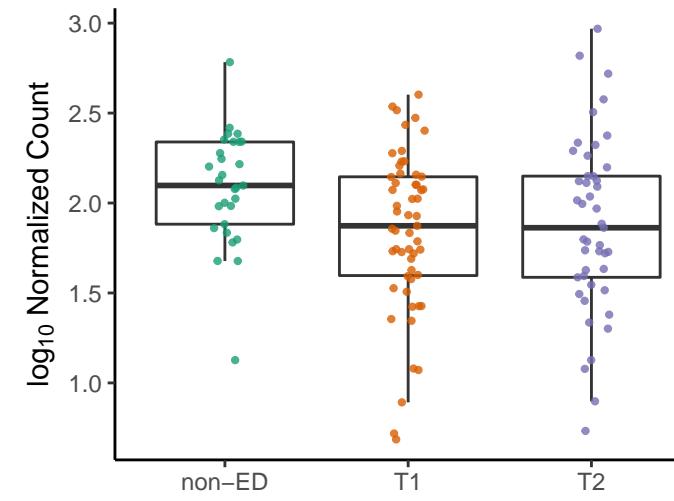
### *alpha proteobacterium HIMB59*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.86



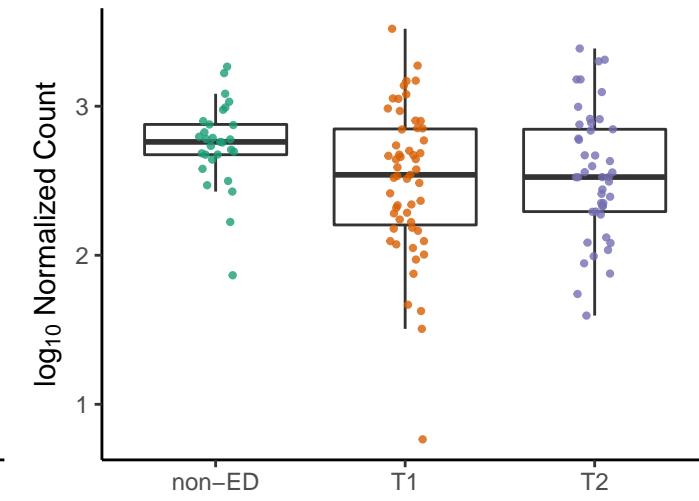
### *Cellulomonas flavigena*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.87



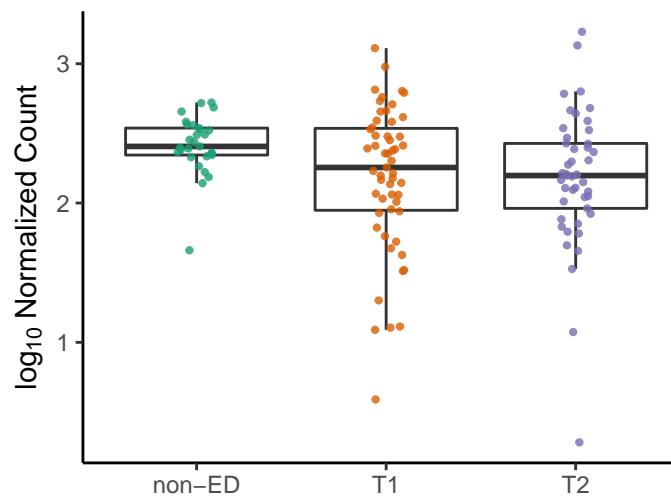
### *Azospirillum brasiliense*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.85



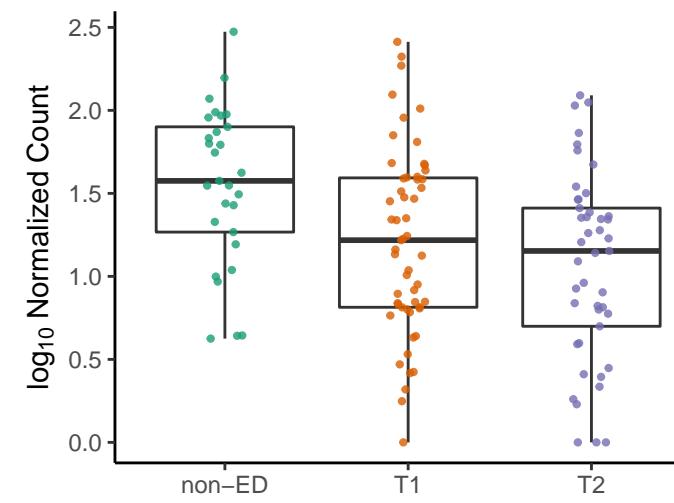
### *Candidatus Thiodictyon syntrophicum*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.99



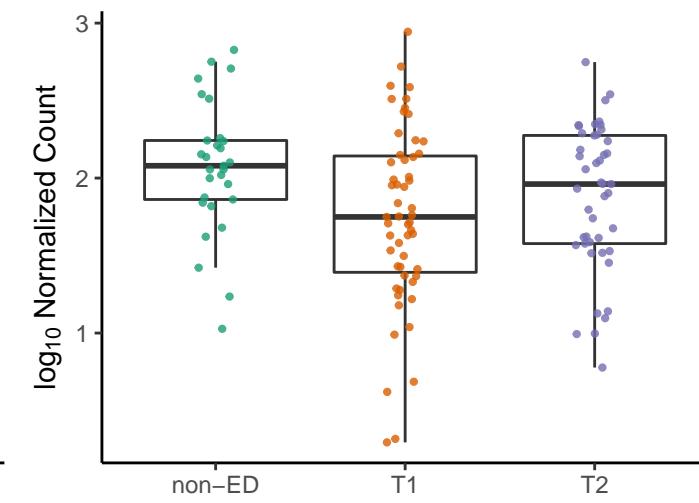
### *Spiroplasma turonicum*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0039  
 T1 vs. T2 adjusted p = 0.85



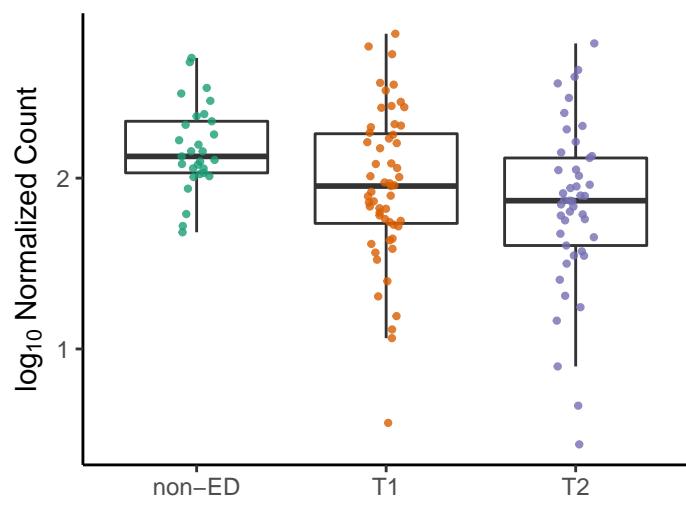
### *Corynebacterium doosanense*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



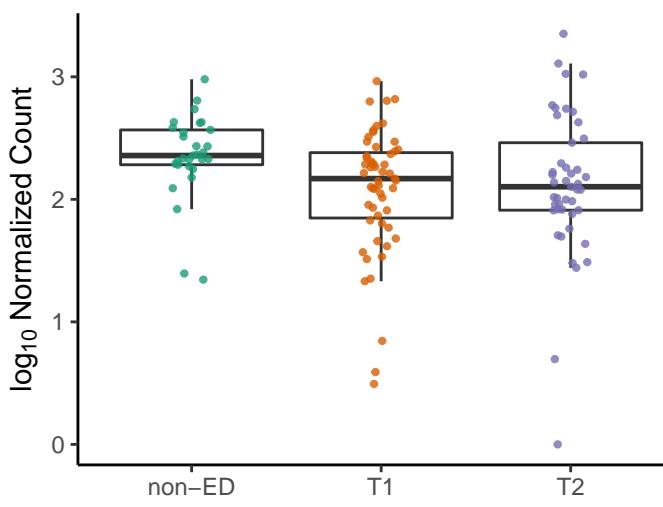
### *Gibbsiella quercinecans*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.9



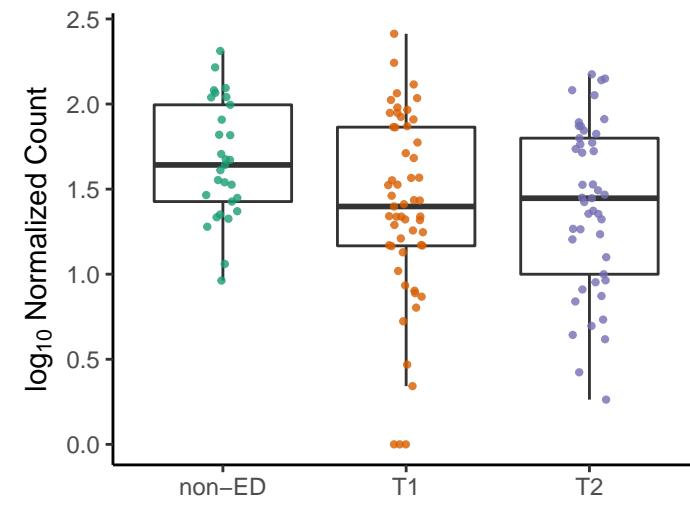
### *Vogesella sp. LIG4*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.88



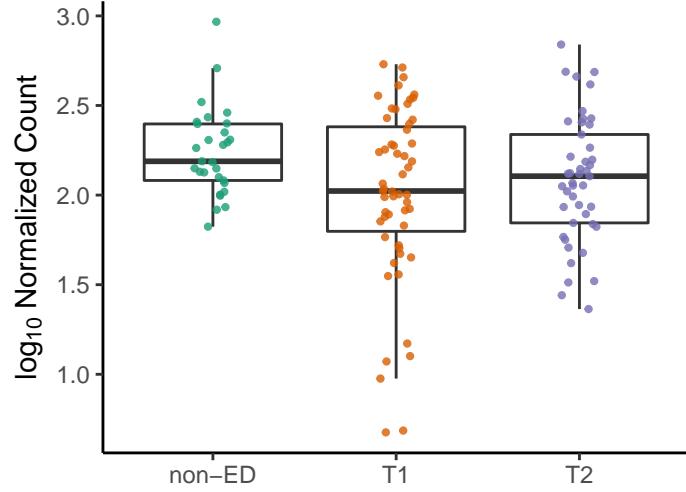
### *Gordonia rubripertincta*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.89



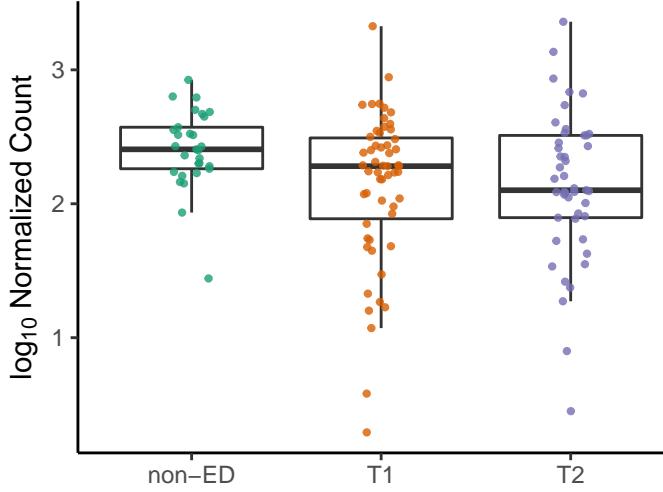
### *Labrys neptuniae*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.85



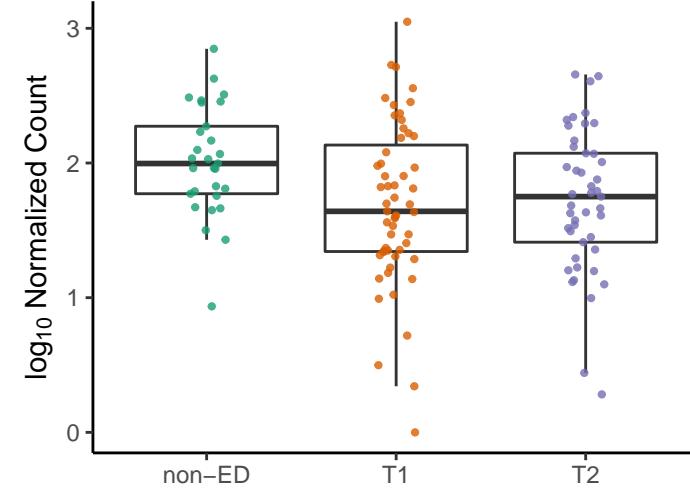
### *Desulfovibrio carbinophilus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.96



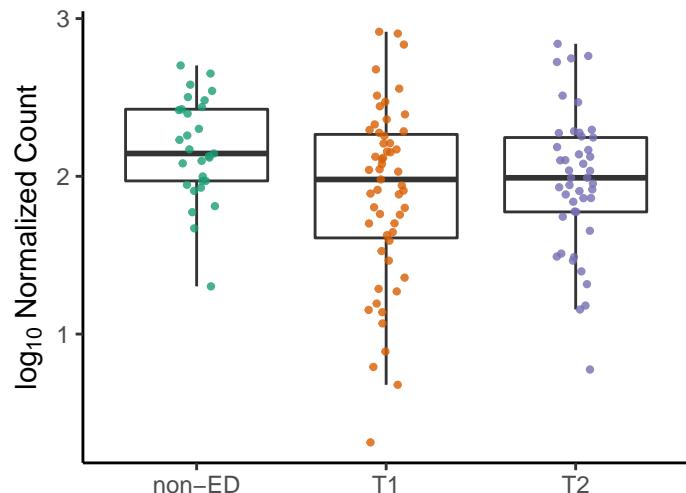
### *Rhodobacter capsulatus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.91



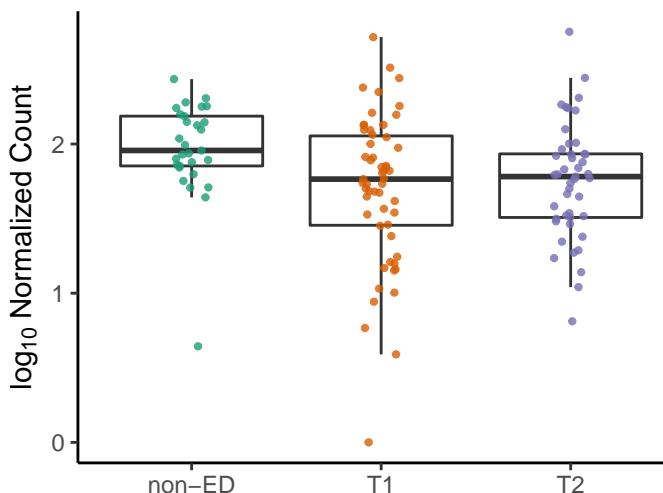
### *Streptomyces lincolnensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



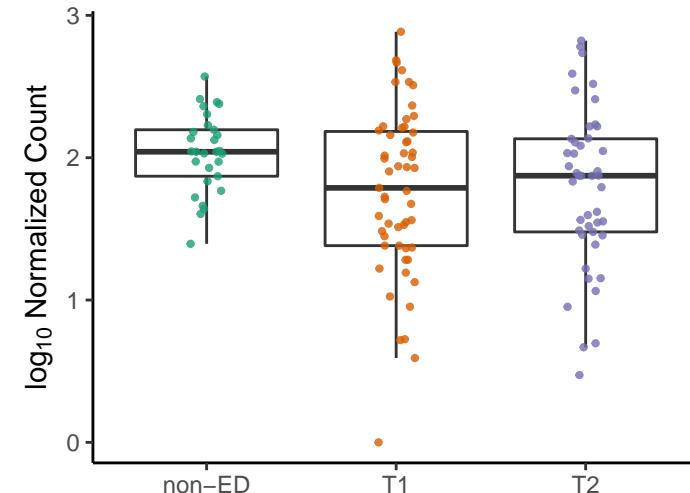
### *Dechloromonas sp. HYN0024*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



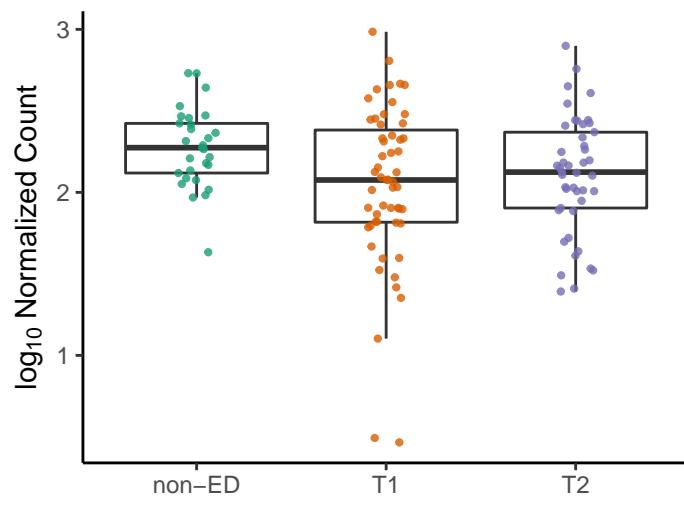
### *Micromonospora inositol*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



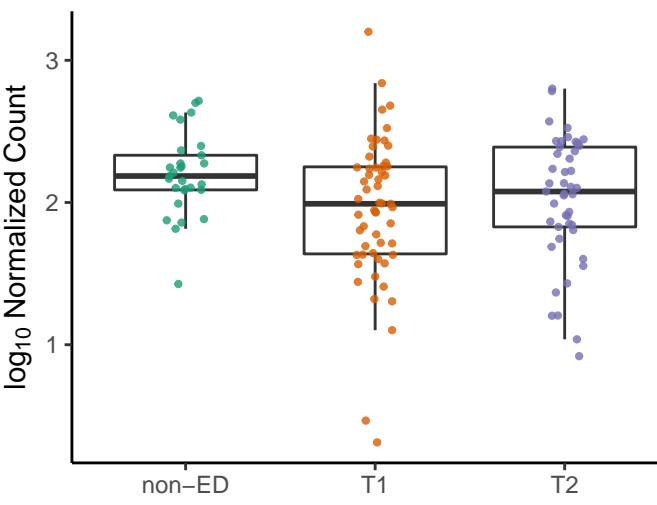
### *Rhodococcus opacus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



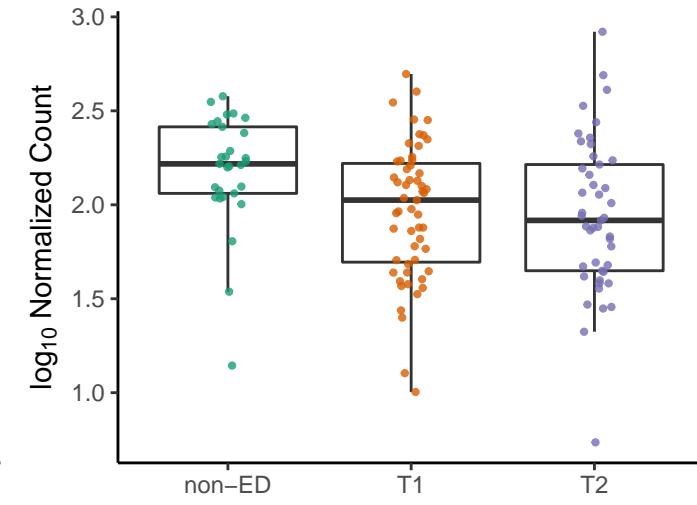
### *Azoarcus sp. DD4*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.85



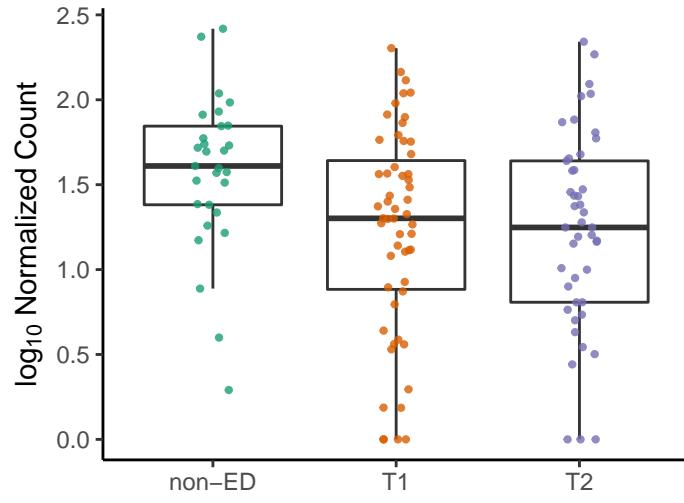
### *Treponema sp. OMZ 838*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



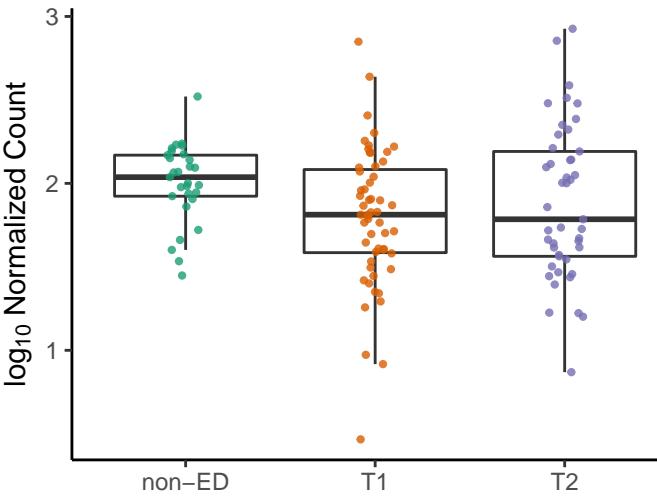
### *Haloferax gibbonsii*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.86



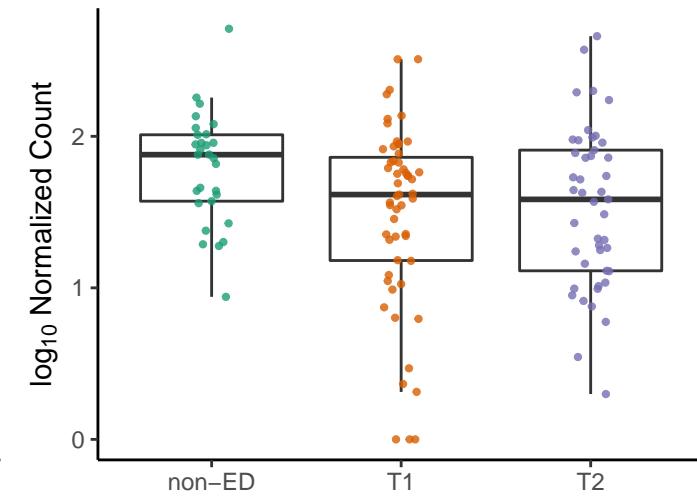
### *Candidatus Nitrospira inopinata*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



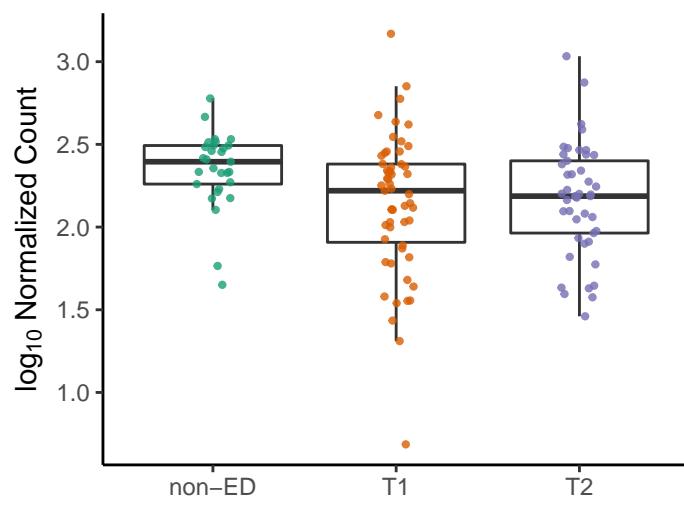
### *Pseudomonas syringae* group genomosp

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



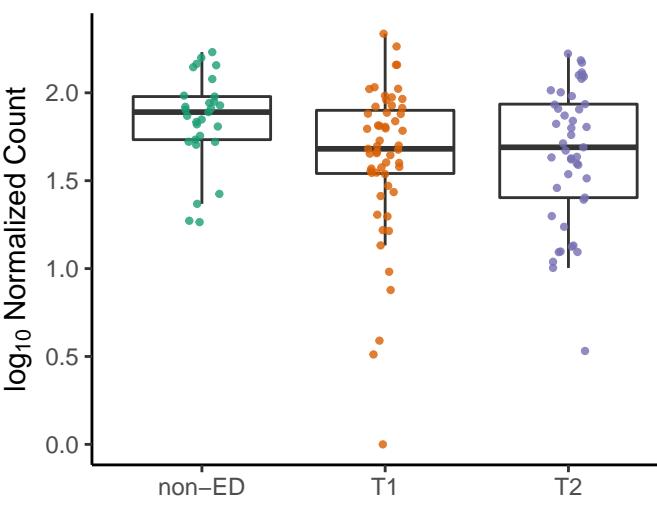
### *Thermothelomyces thermophilus*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



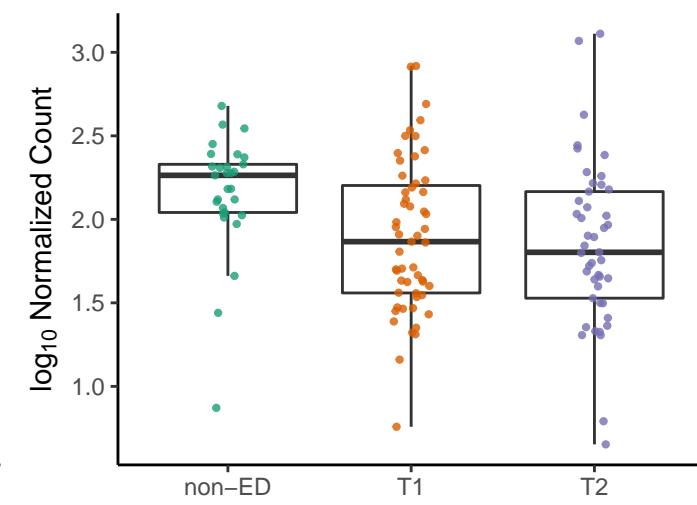
### *Planctomycetes bacterium Pan161*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



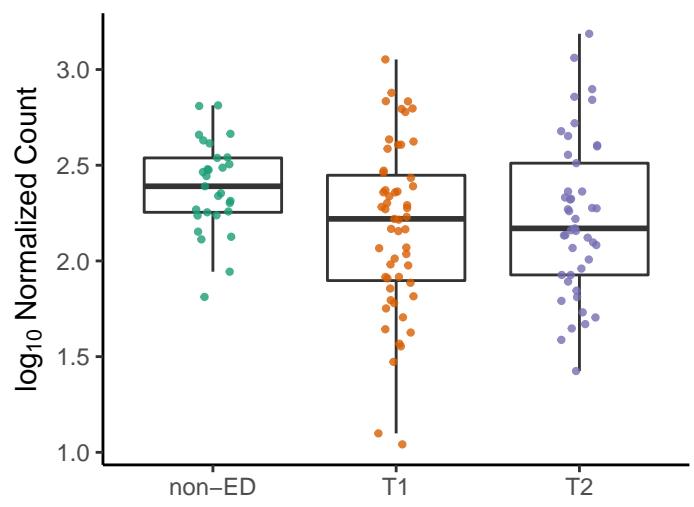
### *Brachyspira hyodysenteriae*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



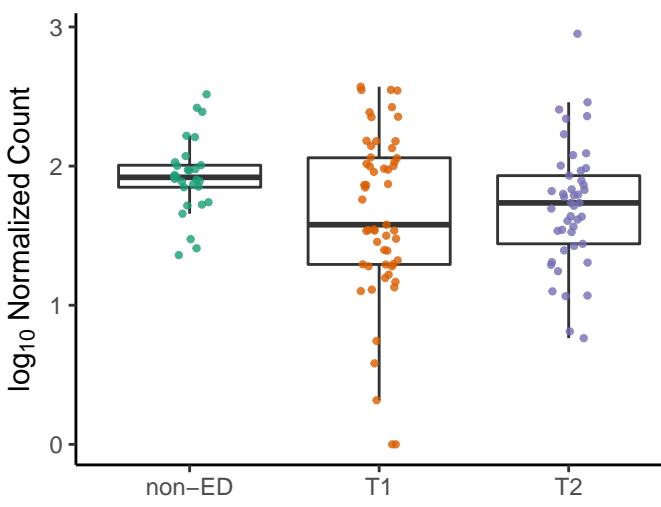
### *Desulfuromonas soudanensis*

non-ED vs. T1 adjusted p = 0.016  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.87



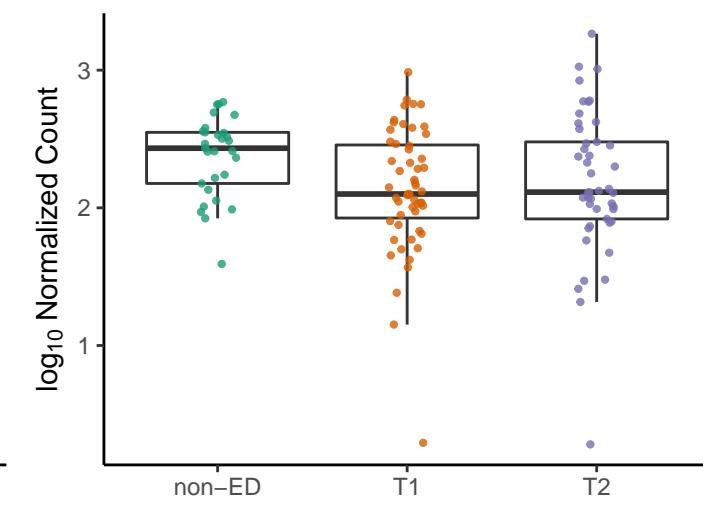
### *Arthrobacter sp. UKPF54-2*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



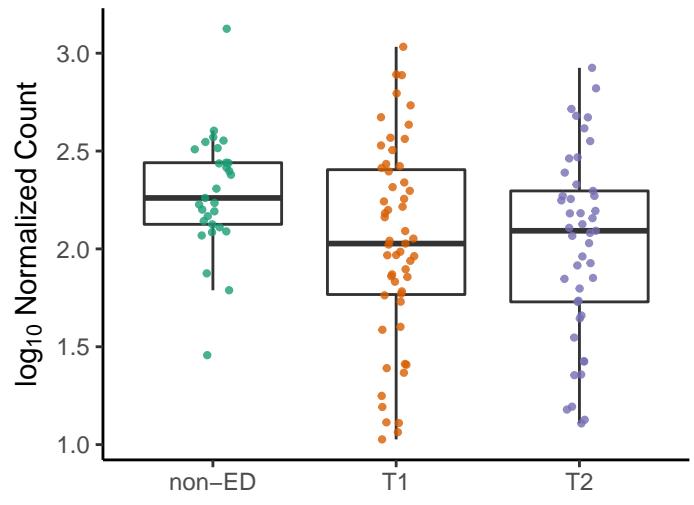
### *Frankia sp. EAN1pec*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.87



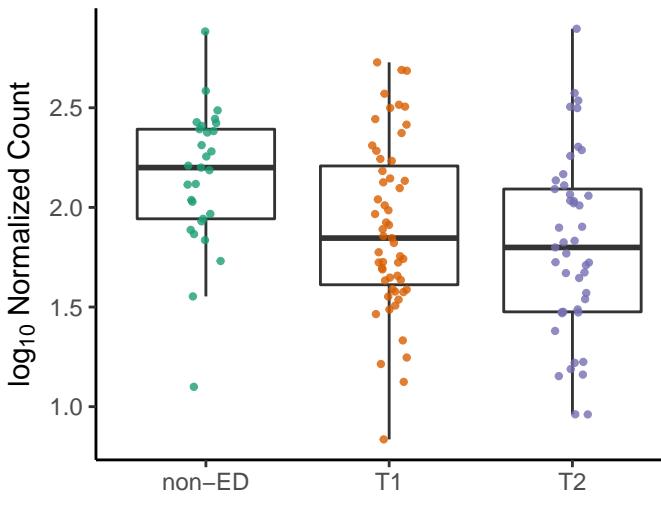
### *Myxococcus hansupus*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.91



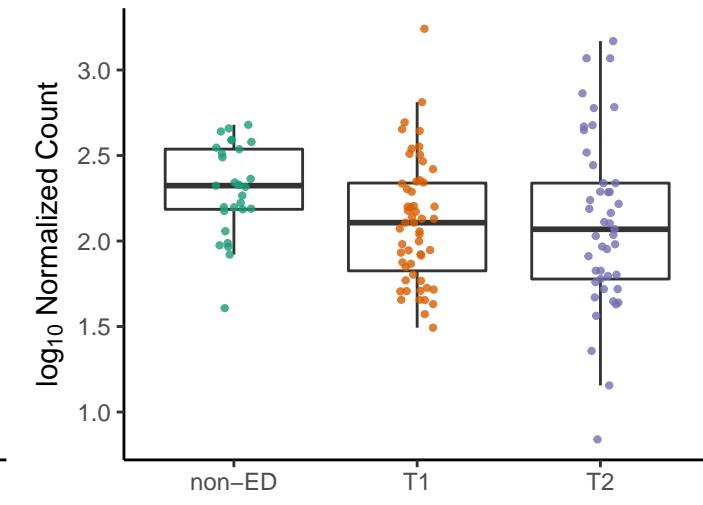
### *Staphylococcus sciuri*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



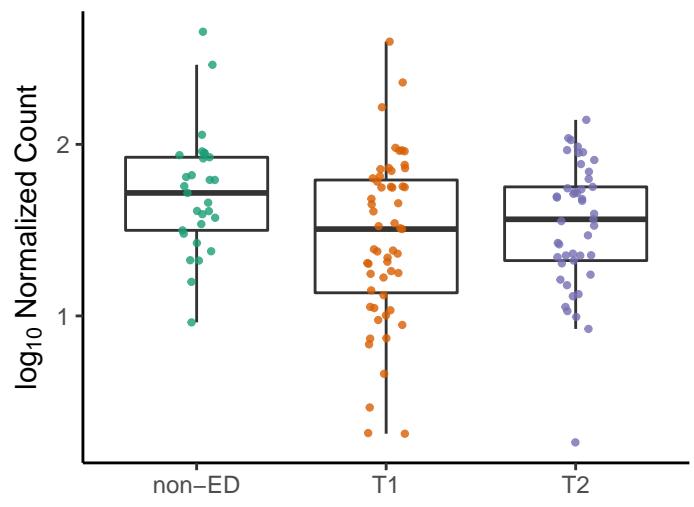
### *Salinicoccus halodurans*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.97



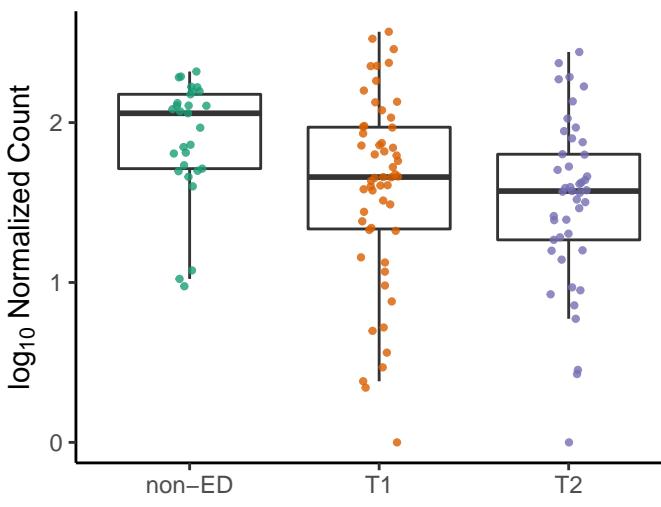
### Unclassified Cobetia Genus

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.85



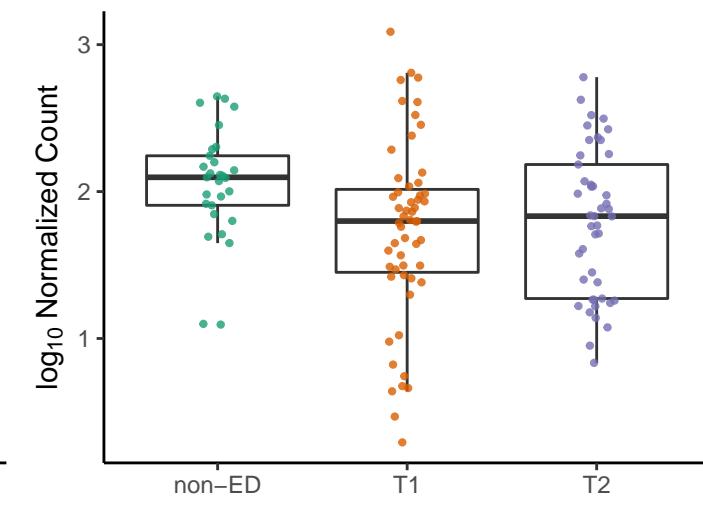
### *Corynebacterium testudinoris*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.87

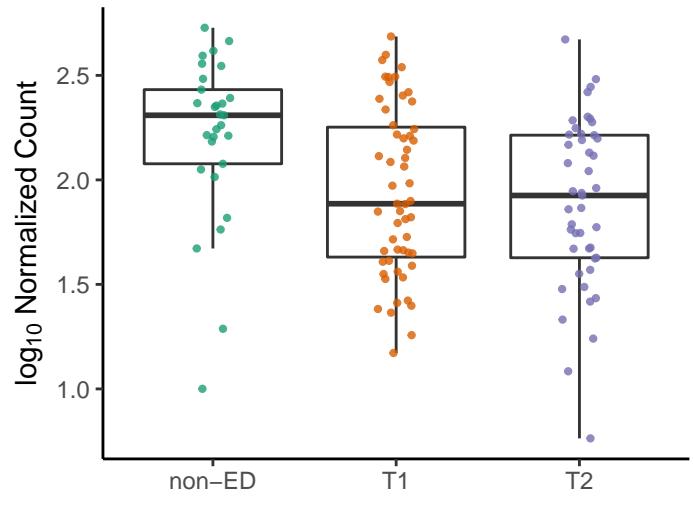


### *Deinococcus radiodurans*

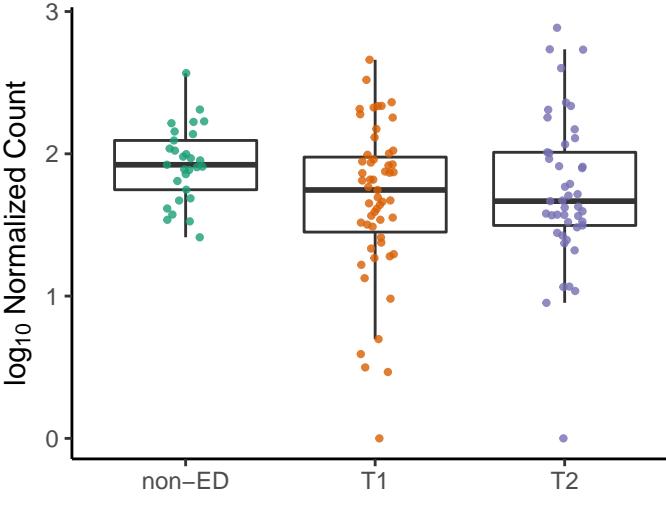
non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



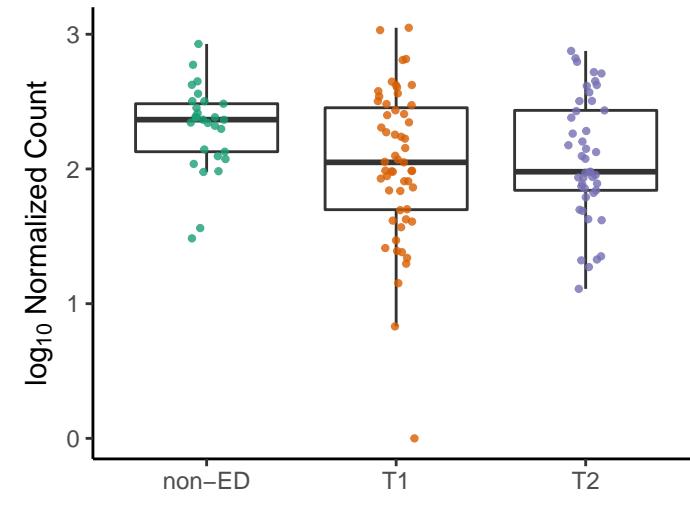
*Thermoanaerobacterium xylyticum*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.0094  
T1 vs. T2 adjusted p = 0.86



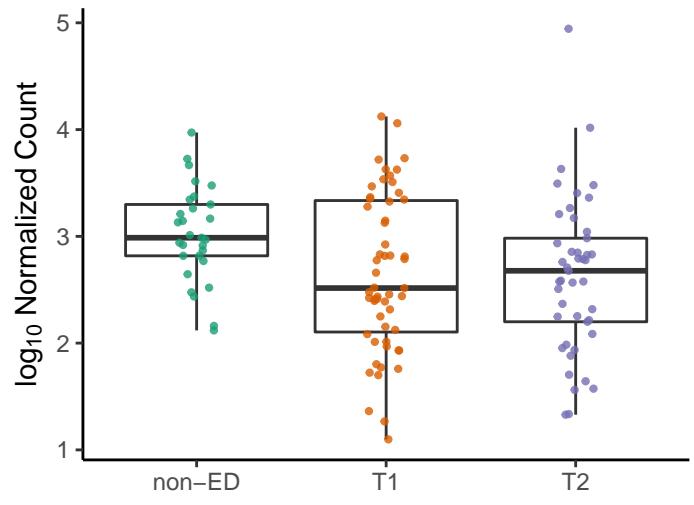
*Arthrobacter sp. KBS0702*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.85



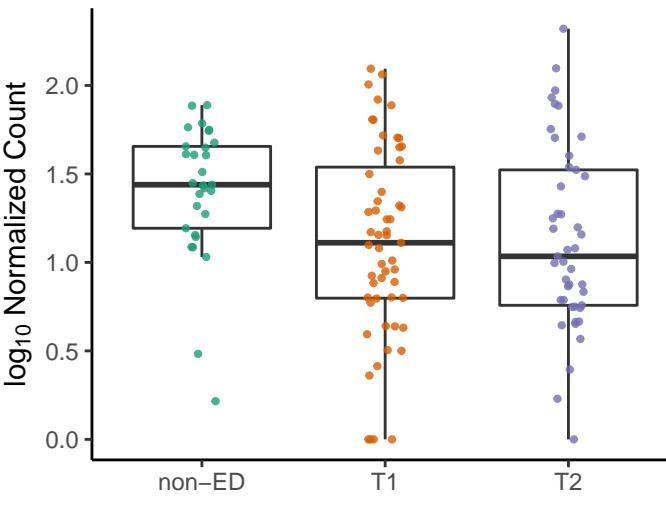
*Cupriavidus oxalaticus*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.85



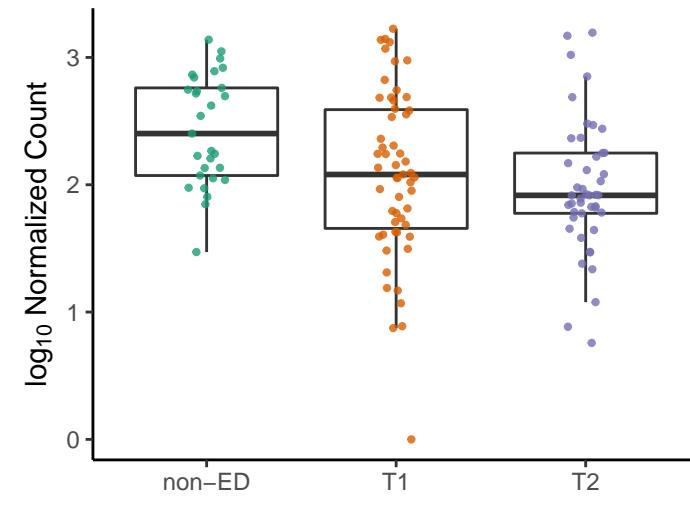
*Actinomyces pacaensis*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 1



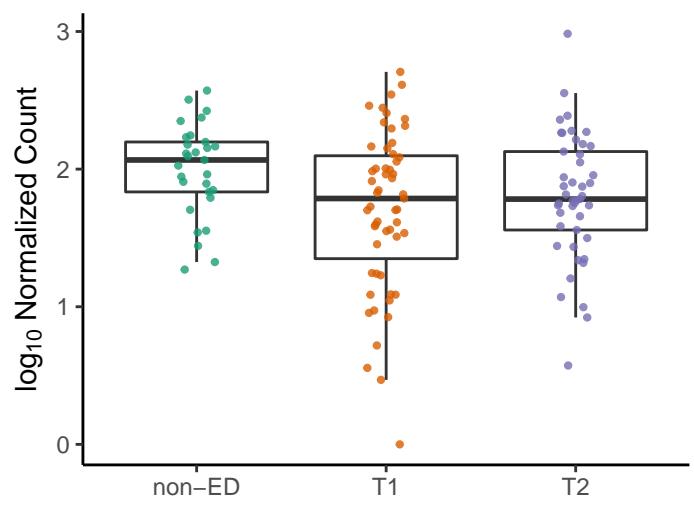
*Borrelia turcica*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.94



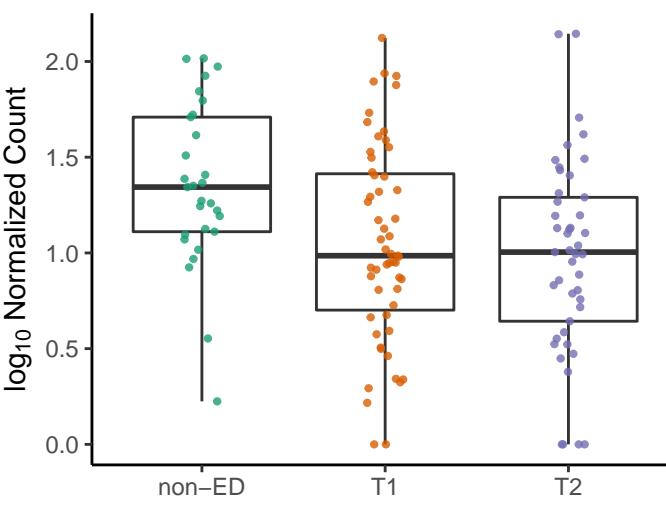
*Burkholderiales bacterium YL45*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.96



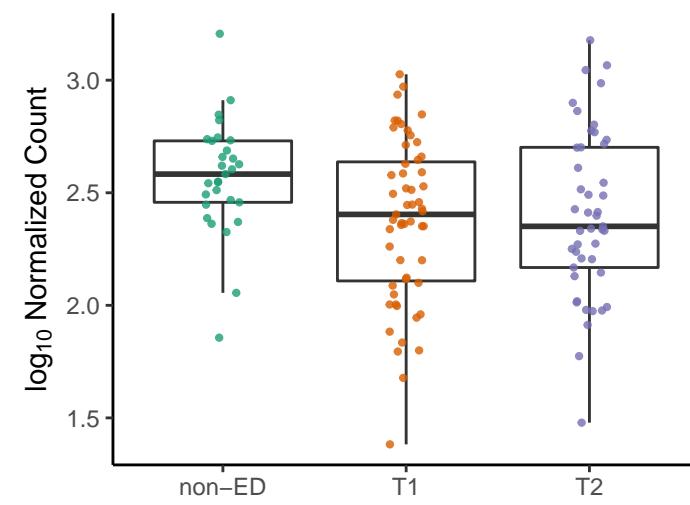
*Frondihabitans sp. PAMC 28766*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.85



*Mycoplasma gallisepticum*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.009  
T1 vs. T2 adjusted p = 0.87

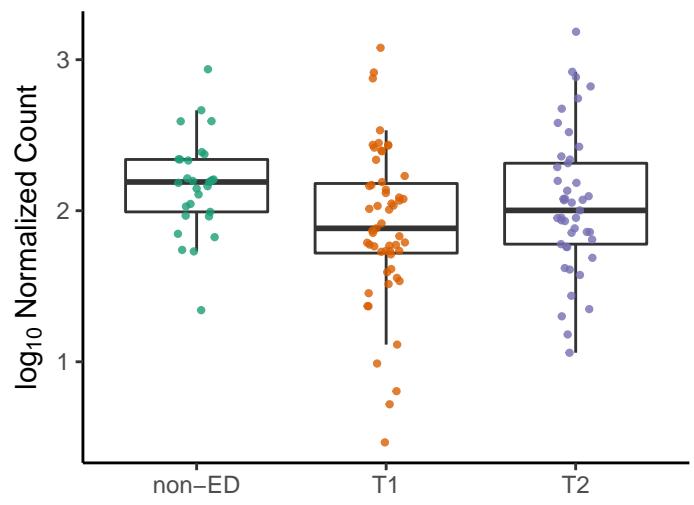


*Paenibacillus ihabetae*  
non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.85



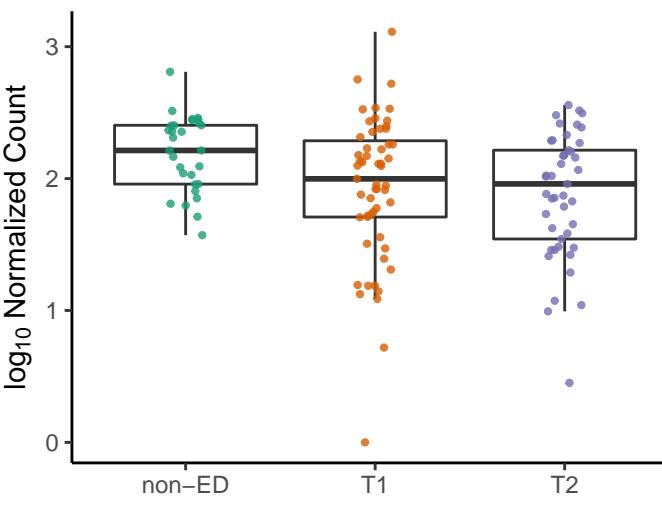
### *Ralstonia picketii*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



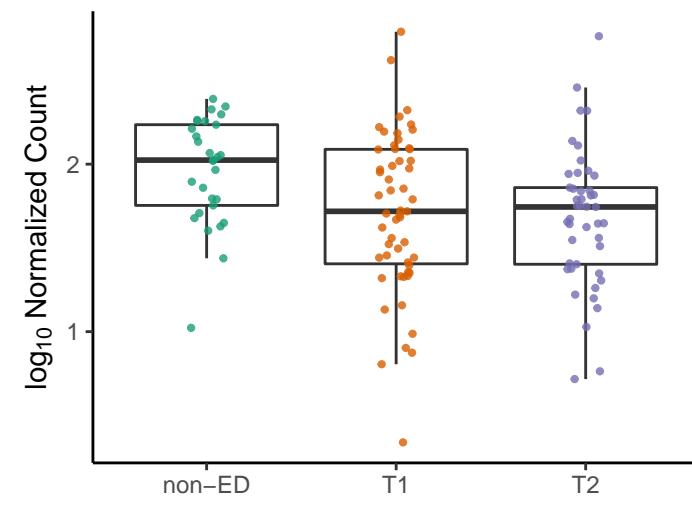
### *gamma proteobacterium SS-5*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.0075  
 T1 vs. T2 adjusted p = 0.99



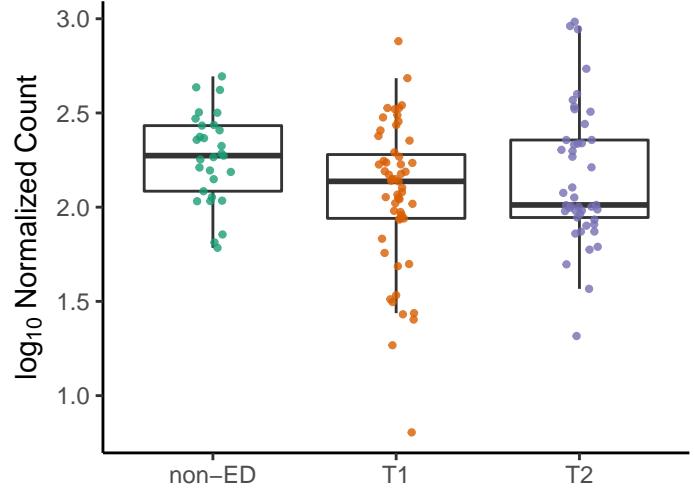
### *Anabaena cylindrica*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



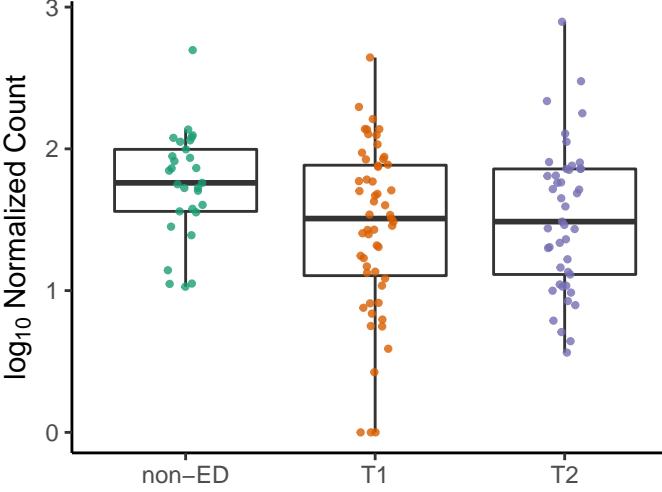
### *Pyricularia oryzae*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



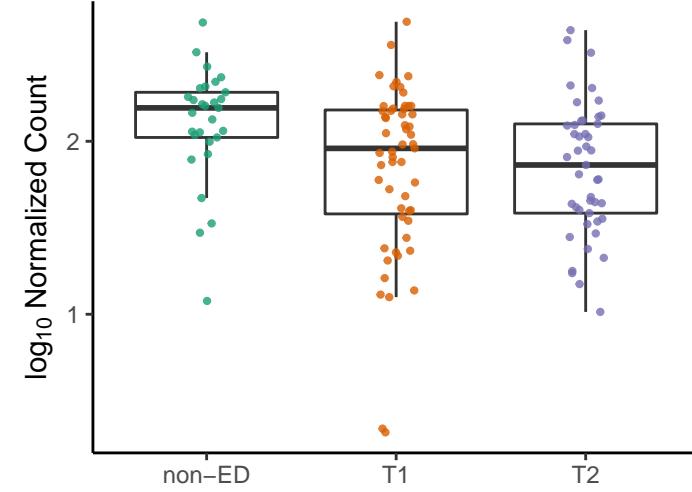
### *Streptomyces* sp. SUK 48

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



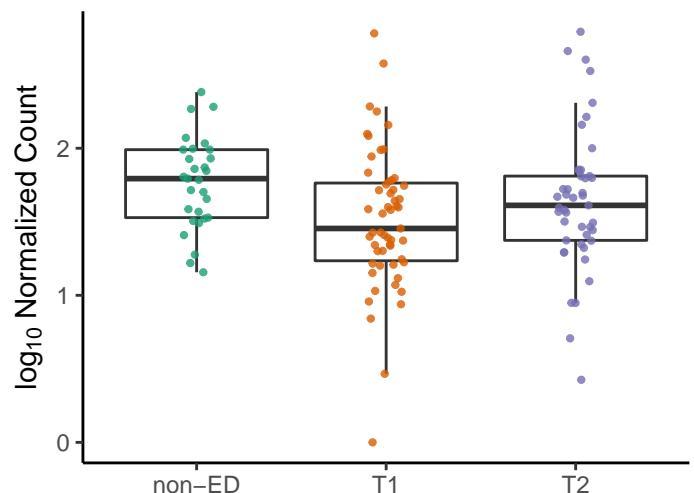
### *Pontibacillus* sp. HMF3514

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.95



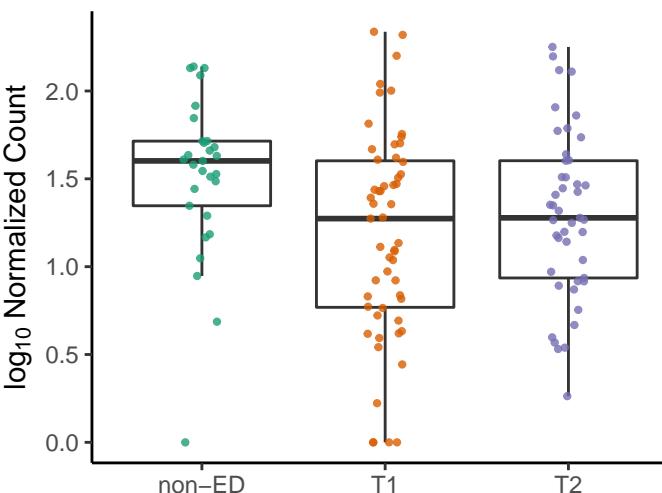
### *Sodalis praecaptivus*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



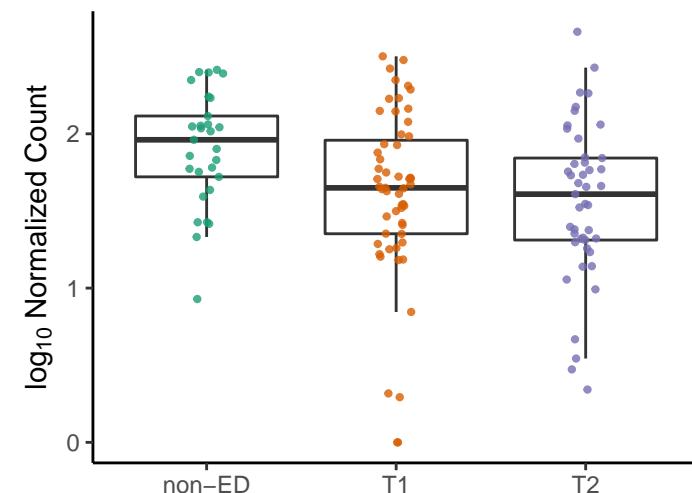
### *Vibrio tubiashii*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



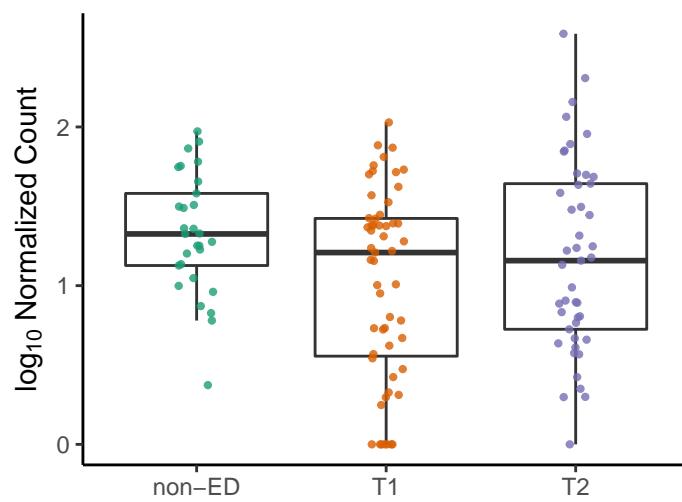
### *Hyphomonas* sp. Mor2

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.95



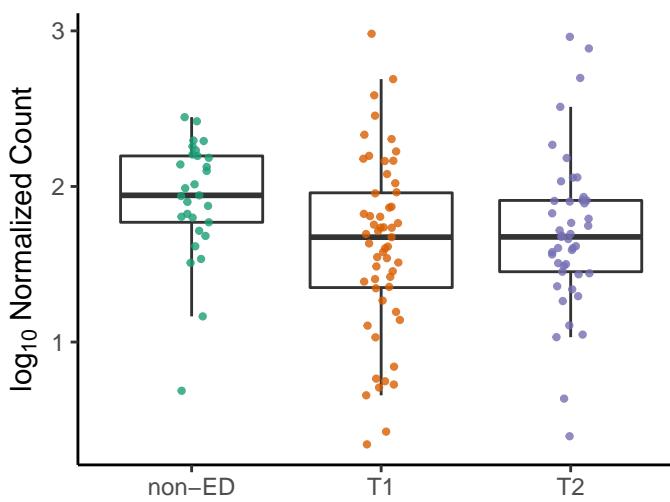
### Unclassified Xanthobacteraceae Family

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.85



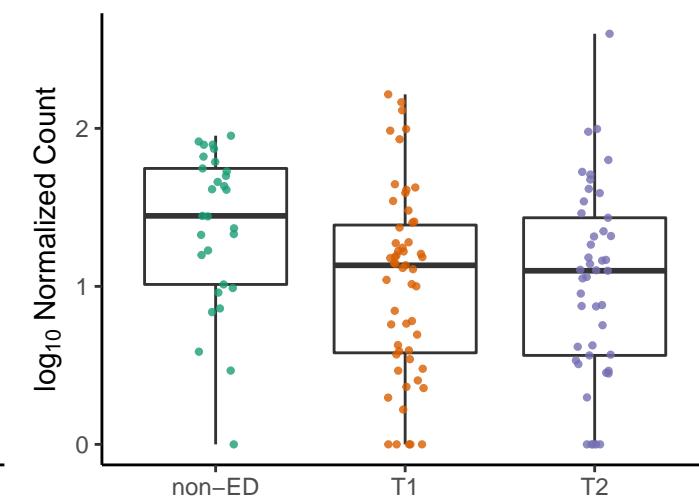
### Campylobacter pinnipediorum

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.94



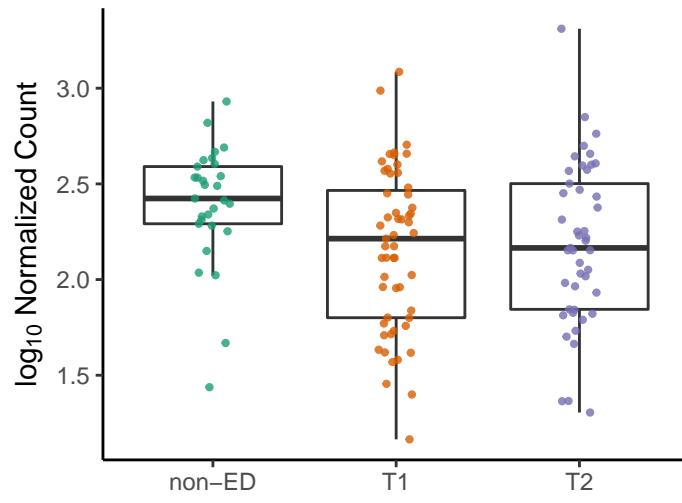
### Spiroplasma citri

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.91



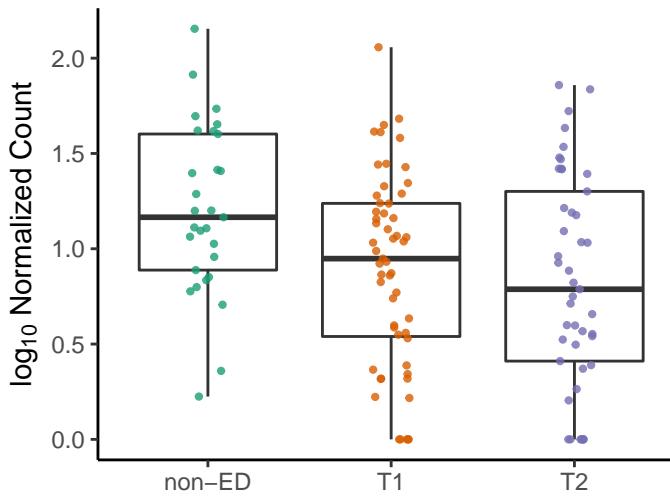
### Jeotgalibacillus malaysiensis

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.9



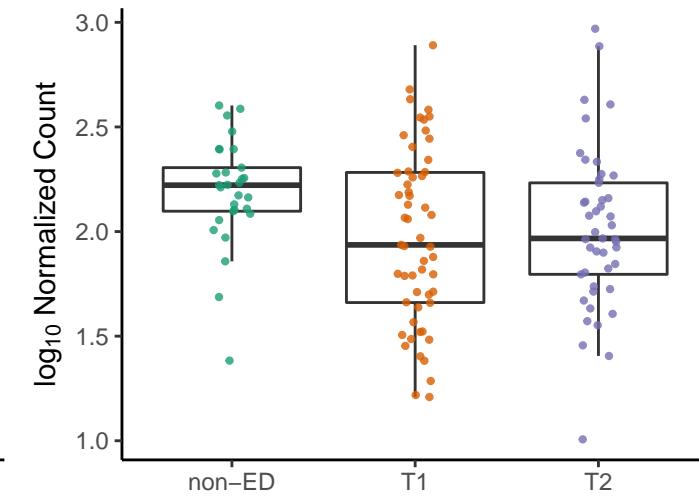
### Candidatus Pelagibacter sp. RS39

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.86



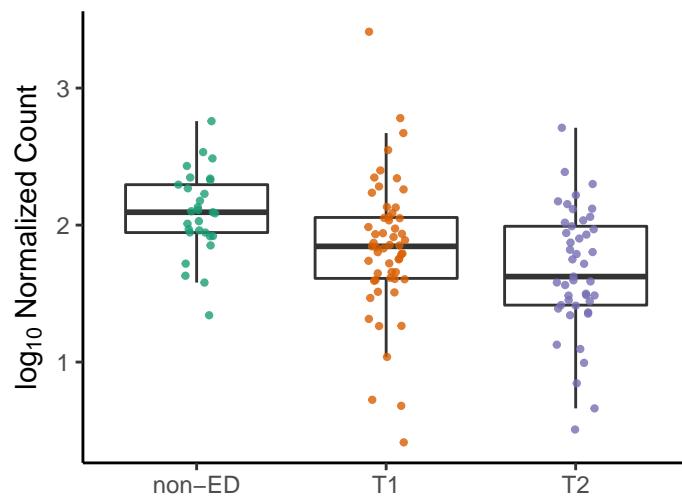
### Geovibrio thiophilus

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.87



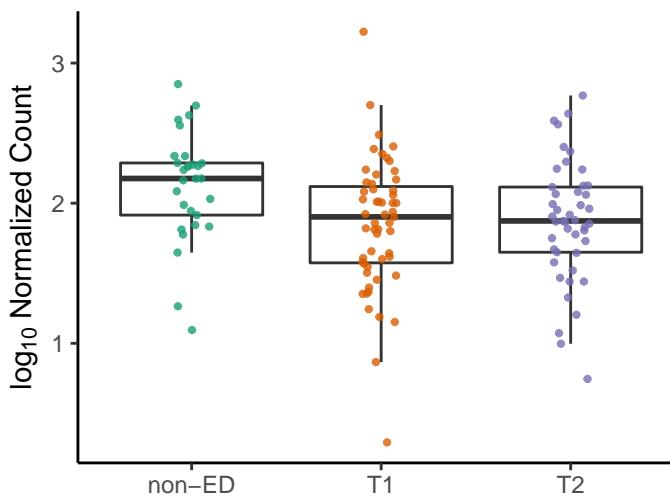
### Lelliottia jeotgali

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.0018  
T1 vs. T2 adjusted p = 0.85



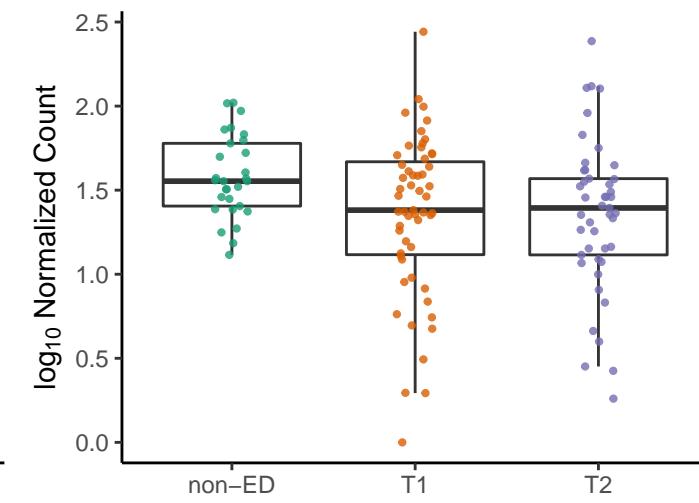
### Corynebacterium sp. 2039

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.87



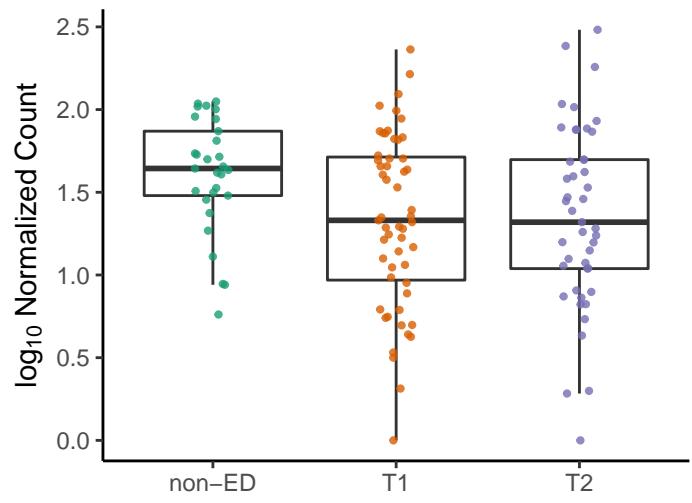
### Nitrosococcus halophilus

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.94



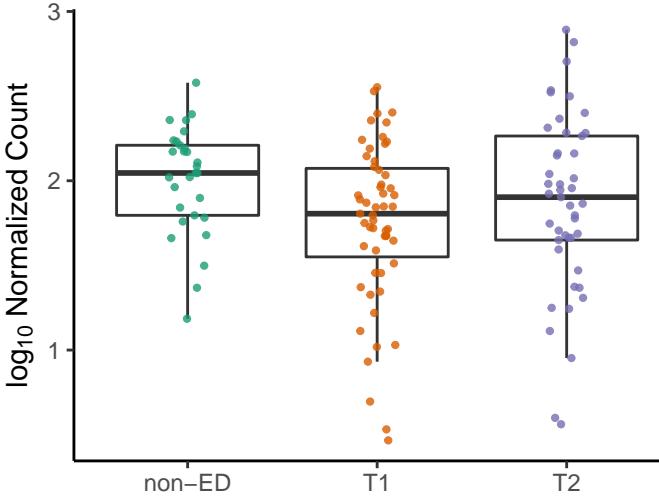
### *Halapricum salinum*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.94



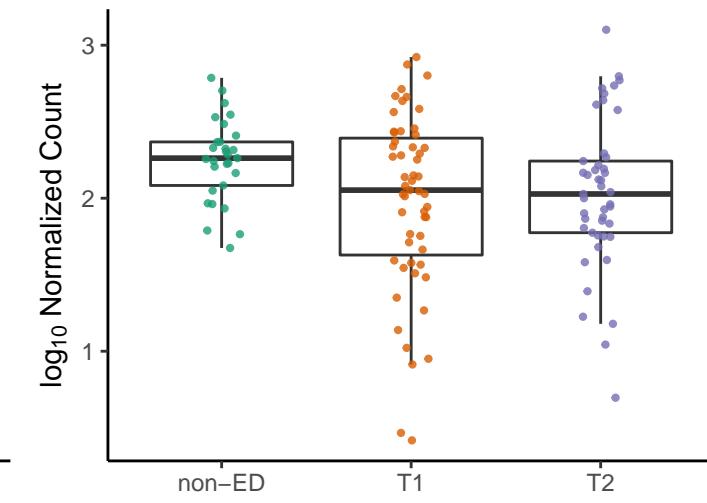
### *Mycolicibacterium vaccae*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



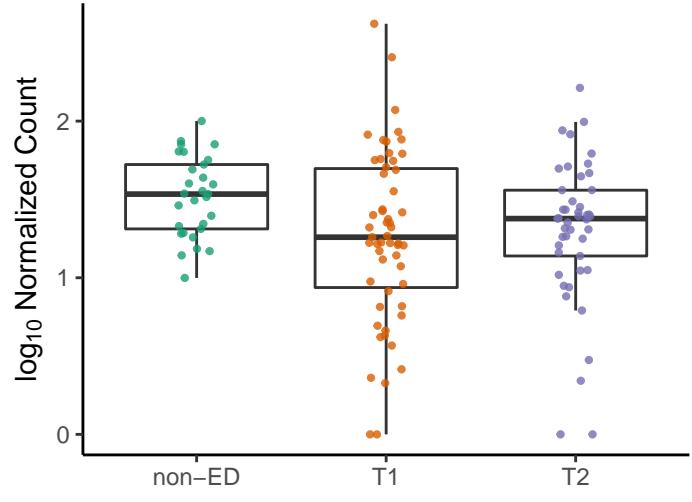
### *Xanthobacter autotrophicus*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



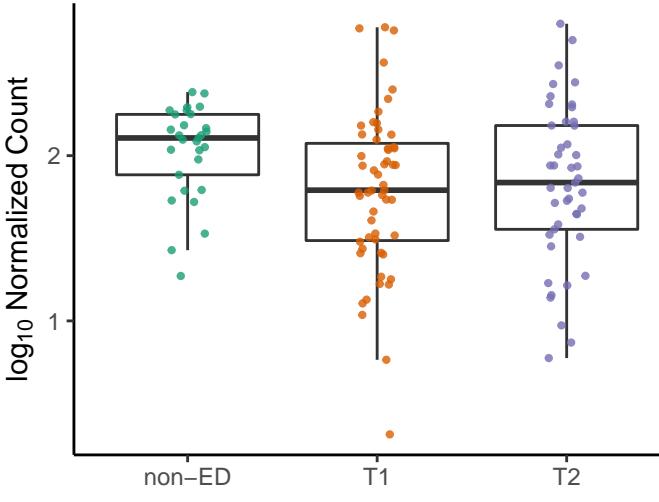
### *Nitrosococcus wardiae*

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



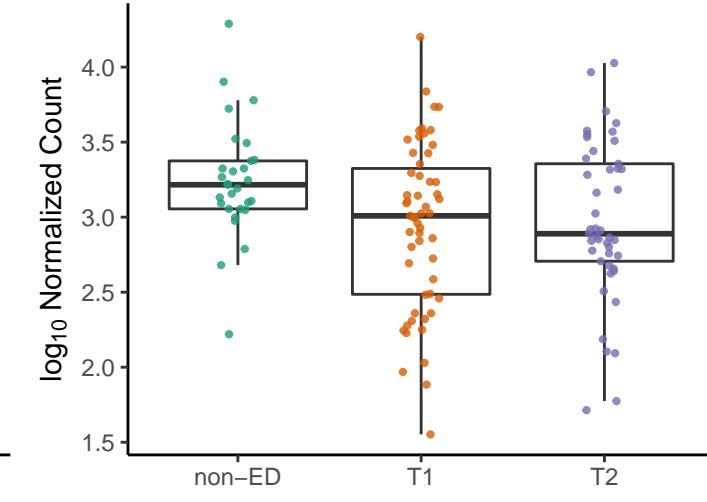
### *Methylobacterium sp. WL1*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.85



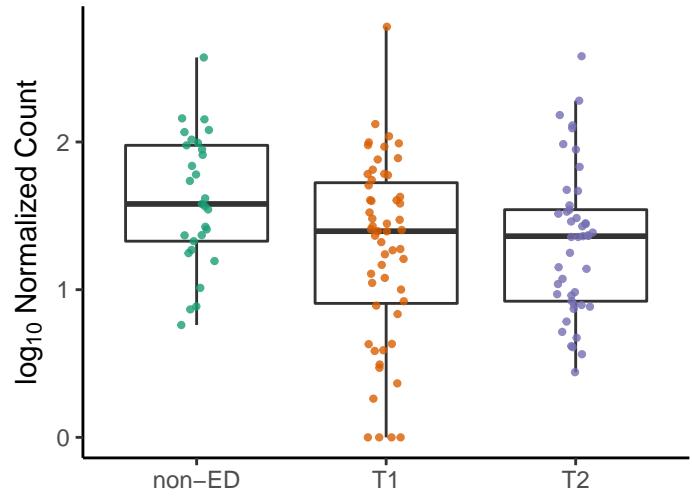
### *Olsenella umbonata*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.87



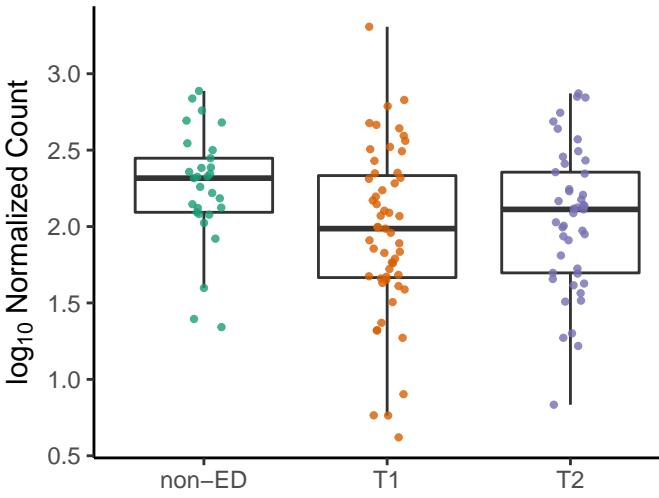
### *Streptomyces sp. CFMR 7*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.9



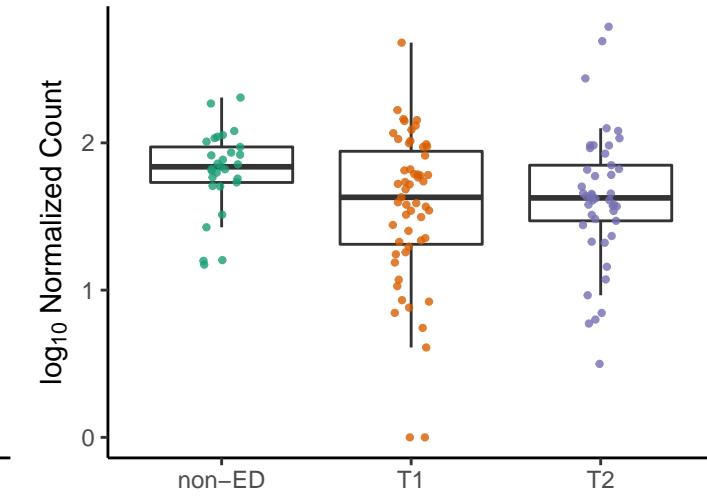
### *Amycolatopsis keratiniphila*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.85



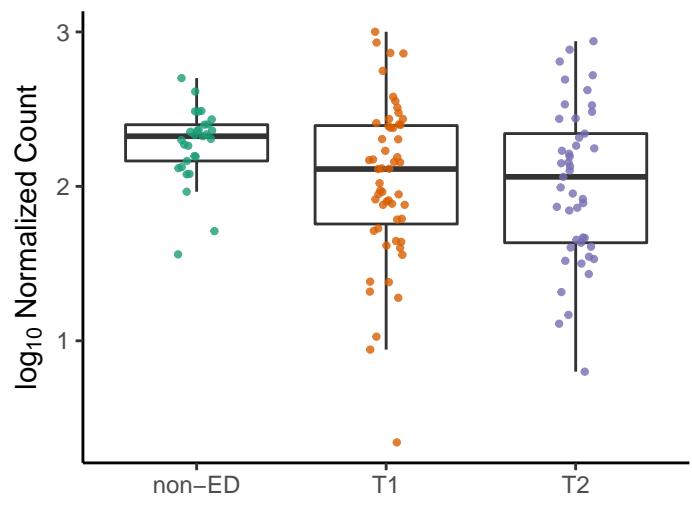
### *Dermatophilus congolensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.85



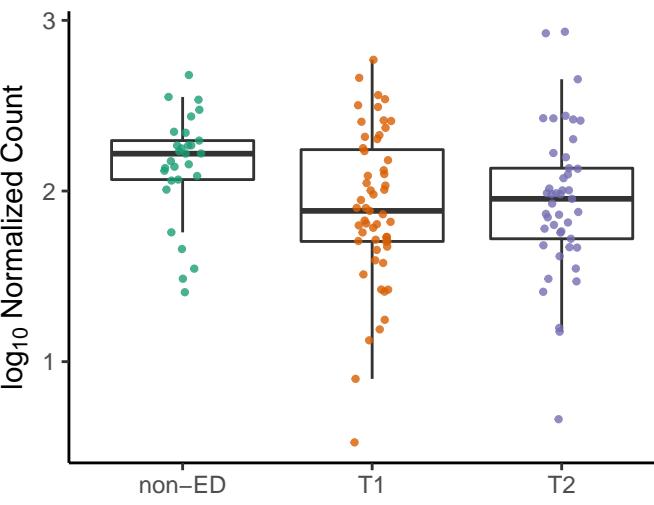
### *Hypericibacter adhaerens*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 1



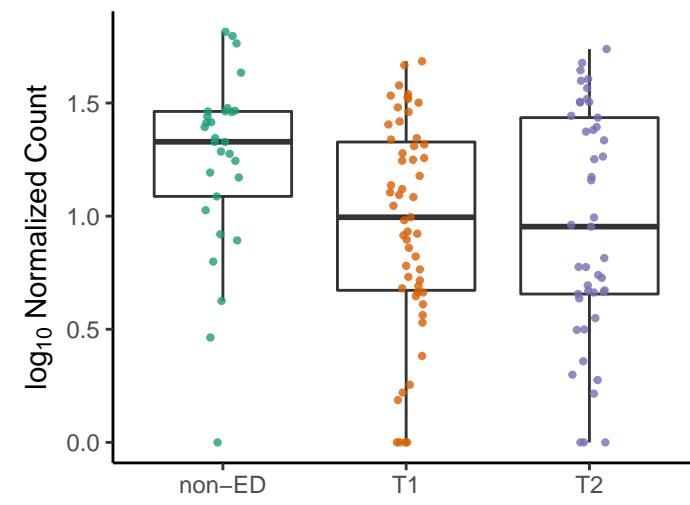
### *Virgibacillus* sp. 6R

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.99



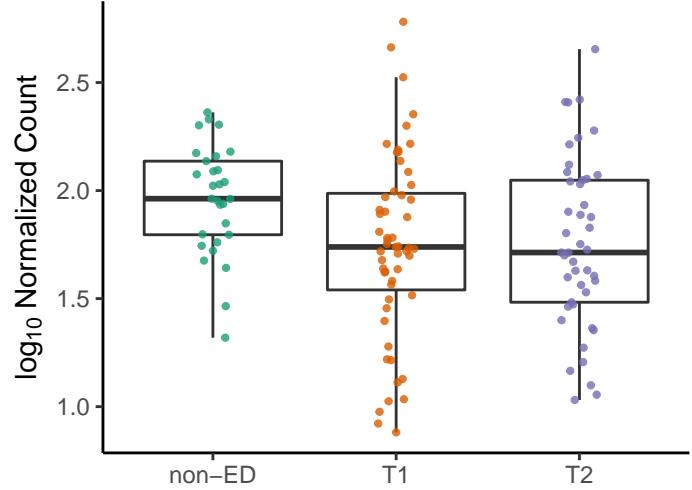
### *Aeromonas rivipollensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.87



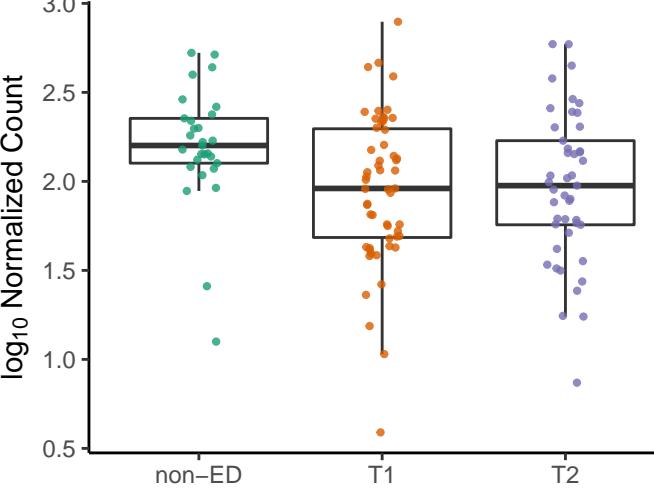
### *Corynebacterium matruchotii*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.91



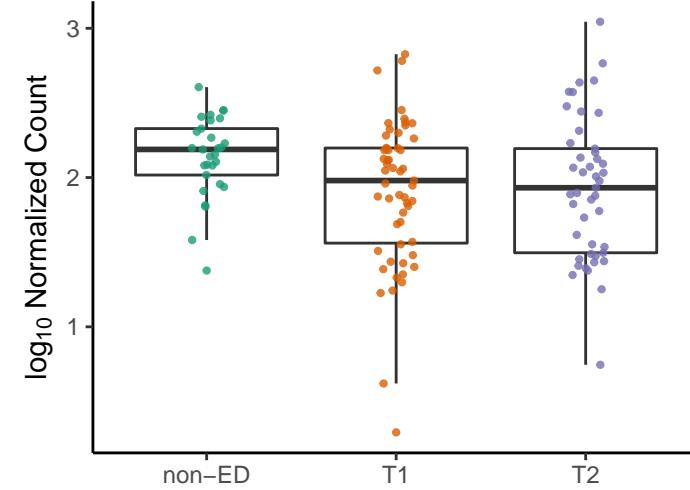
### *Brevibacterium aurantiacum*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.96



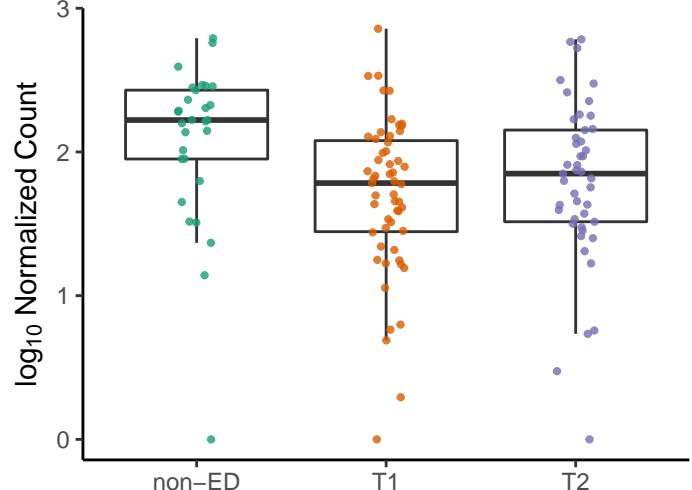
### *Nocardioides humi*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



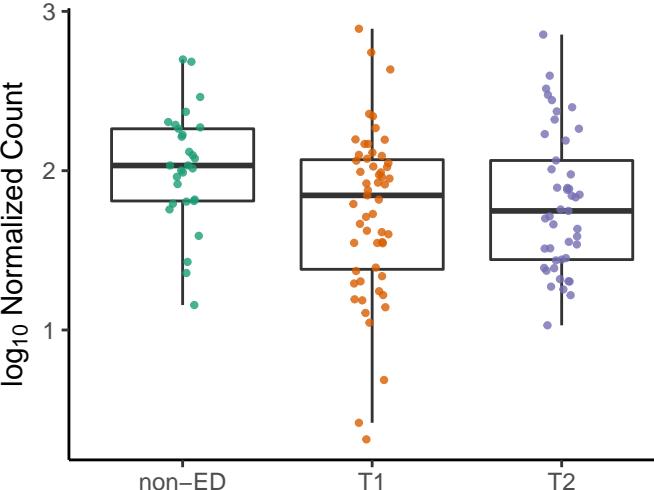
### *Aeromicrobium* sp. MF47

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.85



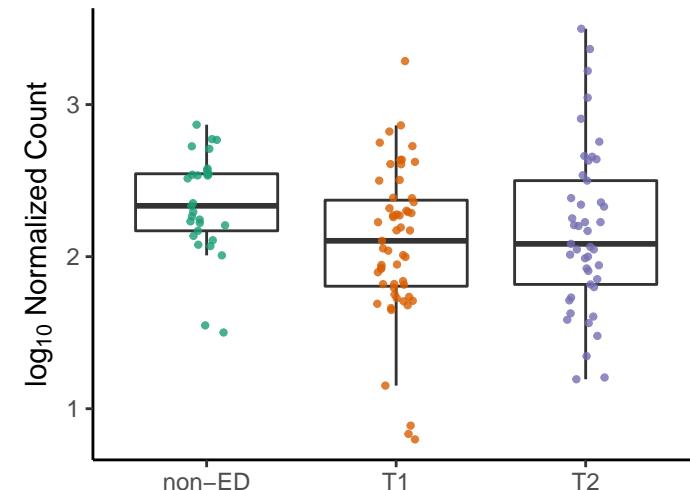
### *Hydrogenophaga crassostreae*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.85



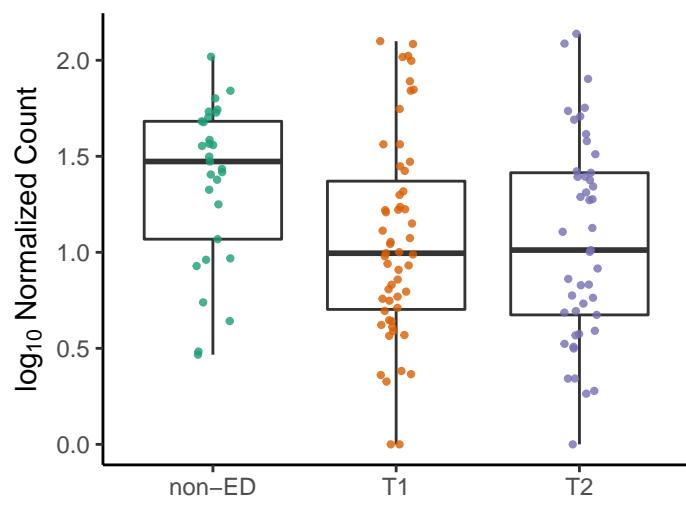
### *Jiangella* sp. DSM 45060

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



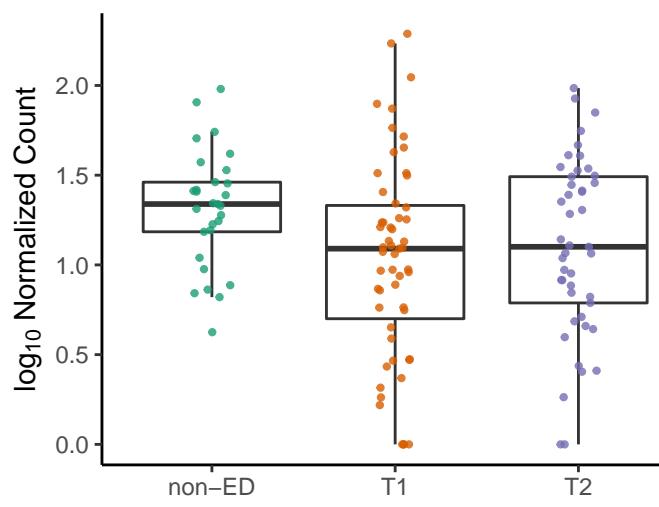
### *Candidatus Phytoplasma mali*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.93



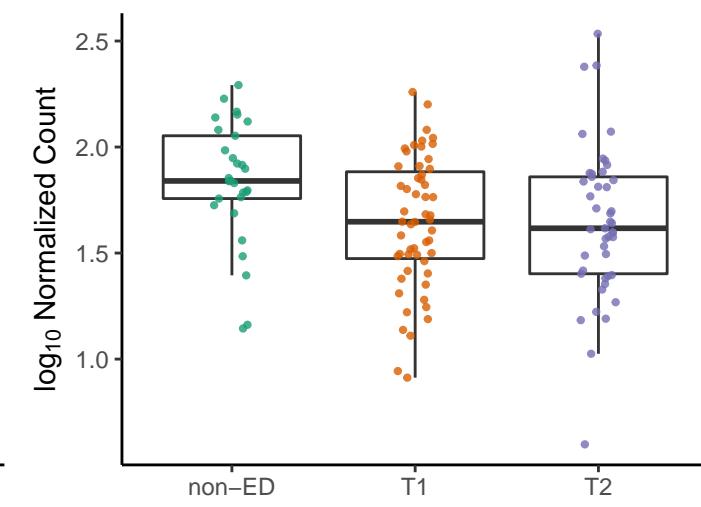
### *Plantactinospora* sp. BC1

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.87



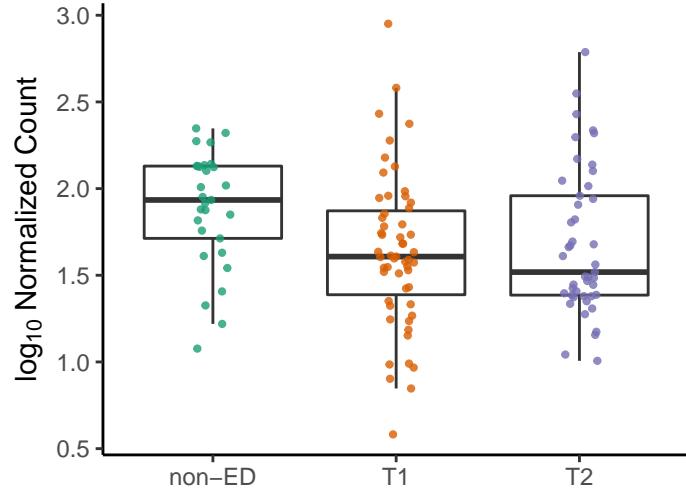
### *Tatumella citrea*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.97



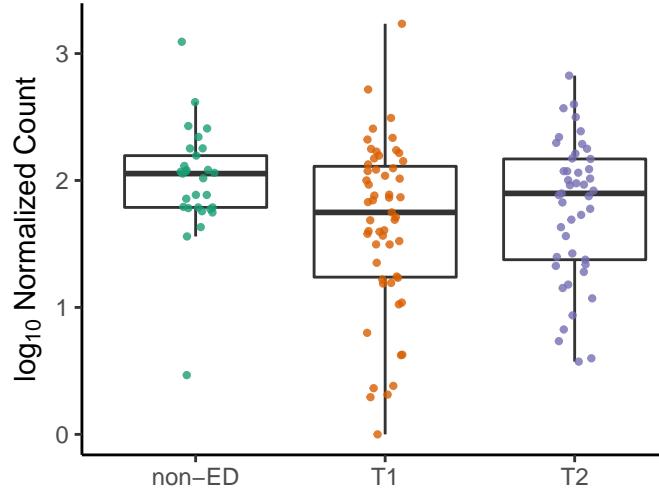
### *Legionella israelensis*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.87



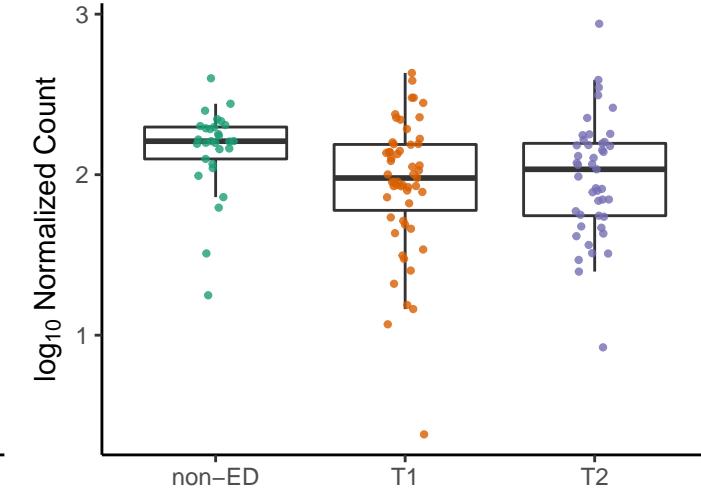
### *Erythrobacter* sp. HL-111

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.85



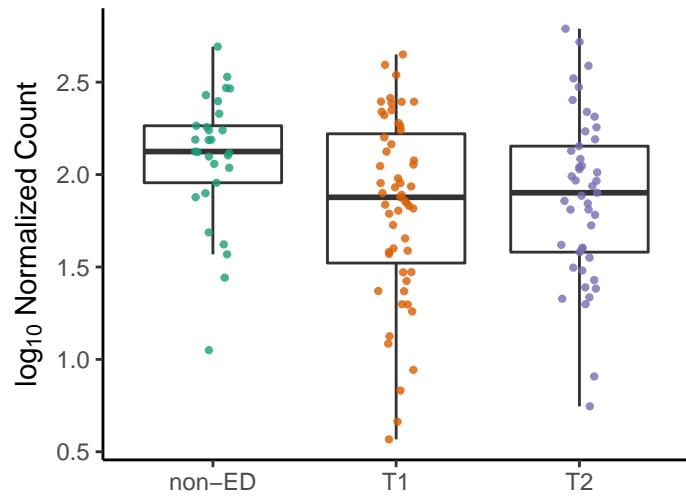
### *Endozoicomonas montiporae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



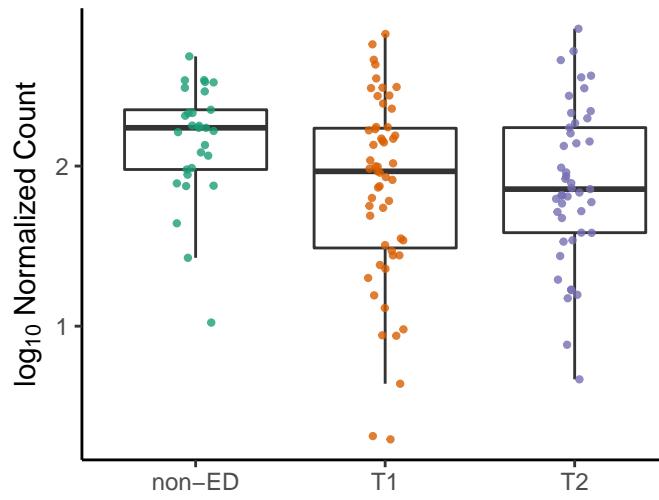
### *Mycolicibacterium vanbaalenii*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.85



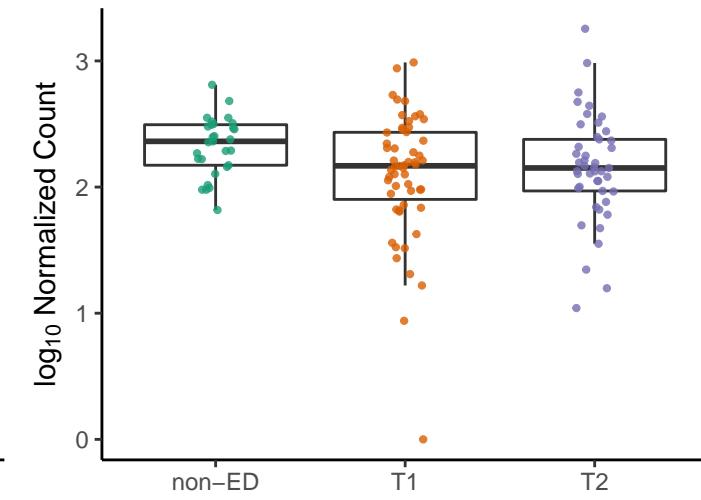
### *Breoghania* sp. L-A4

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.95



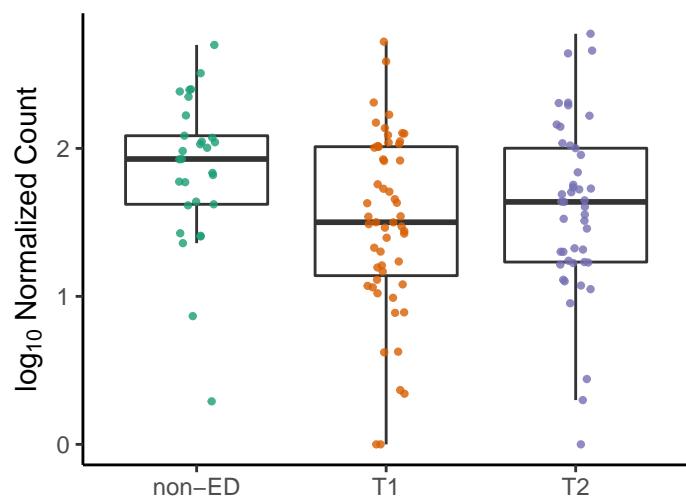
### *Skermanella pratensis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.85



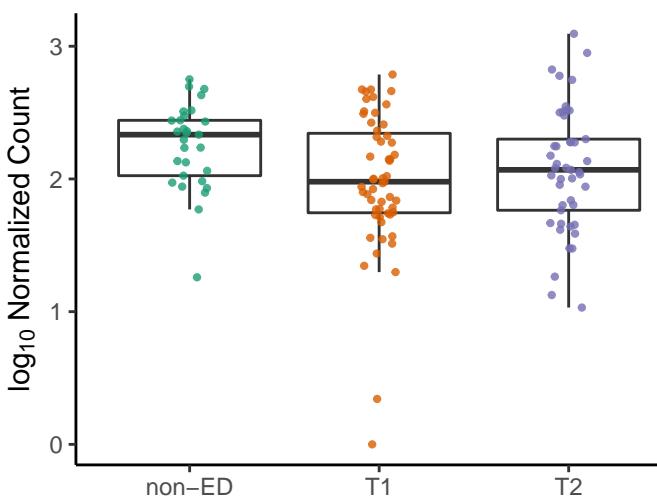
### *Agrococcus* sp. SGAir0287

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.85



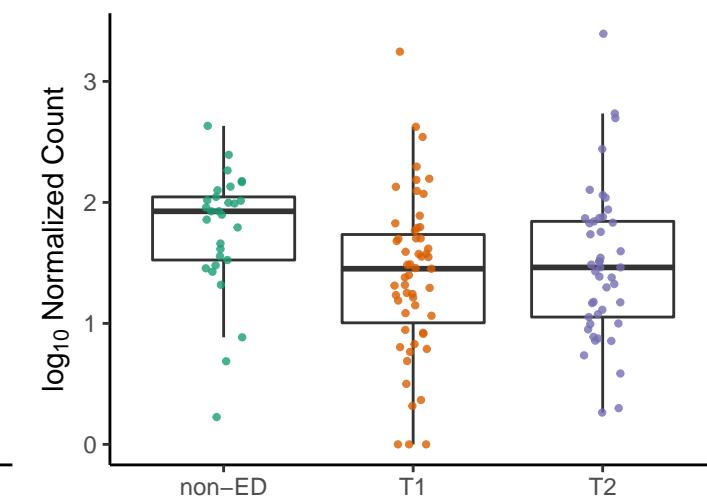
### *Amycolatopsis* sp. AA4

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.85



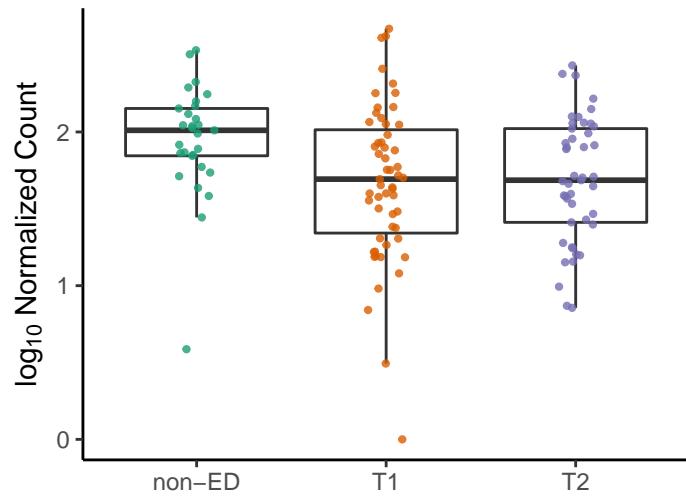
### *Pseudomonas* sp. LG1E9

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.85



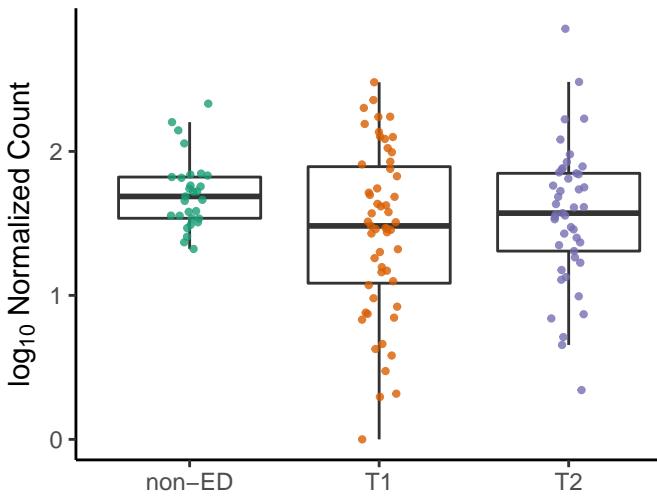
### *Phycicoccus* sp. HDW14

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



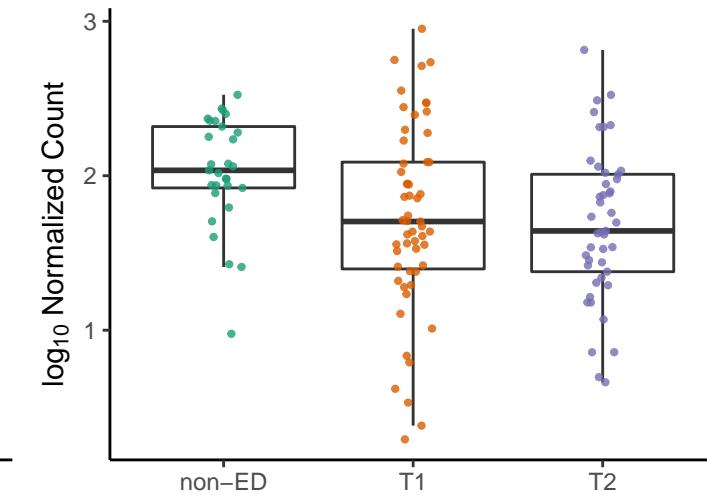
### *Brevundimonas diminuta*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



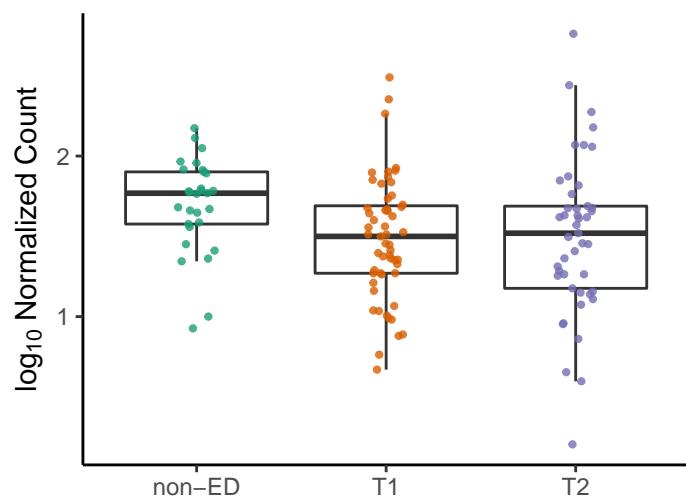
### *Corynebacterium endometriii*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.99



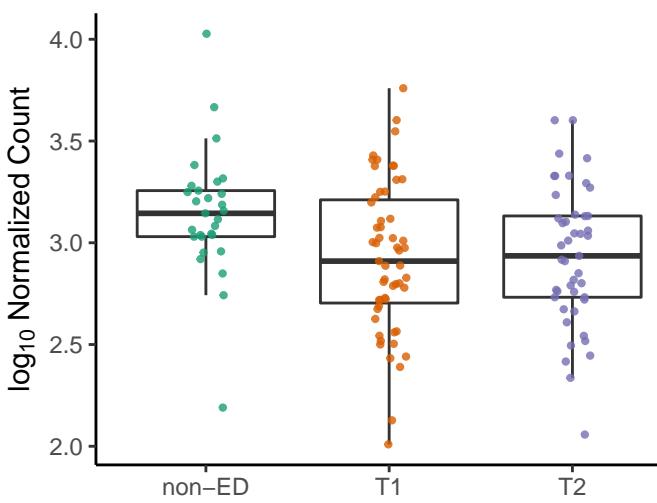
### *Virgibacillus* sp. Bac330

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.98



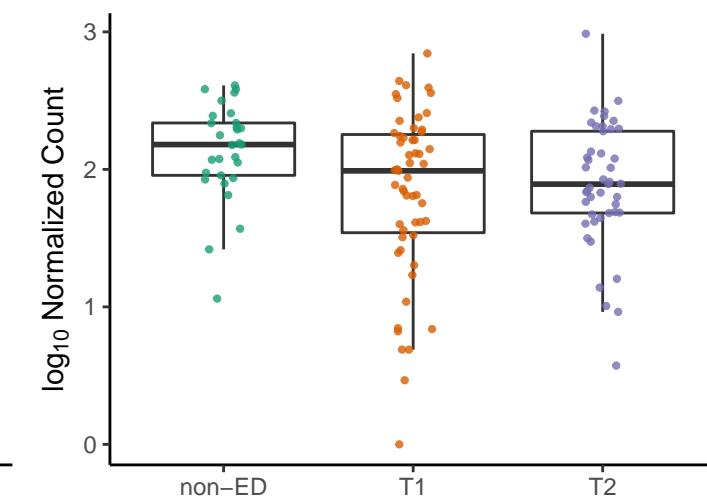
### *Megasphaera stantonii*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.86



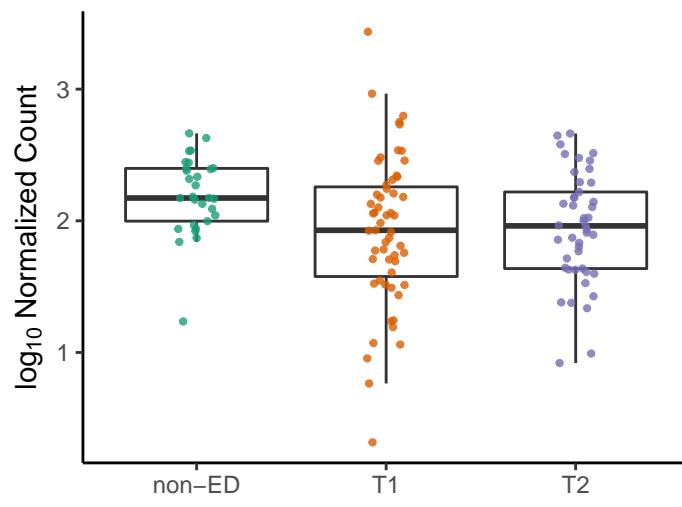
### *Streptomyces* sp. W1SF4

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



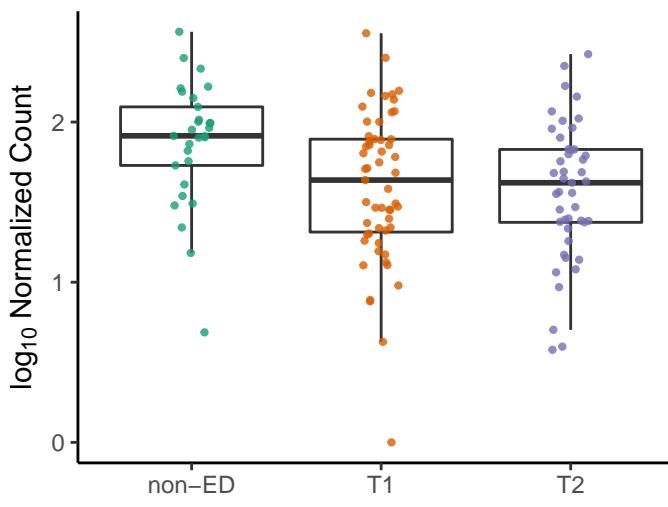
### Unclassified Plantactinospora Genus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.91



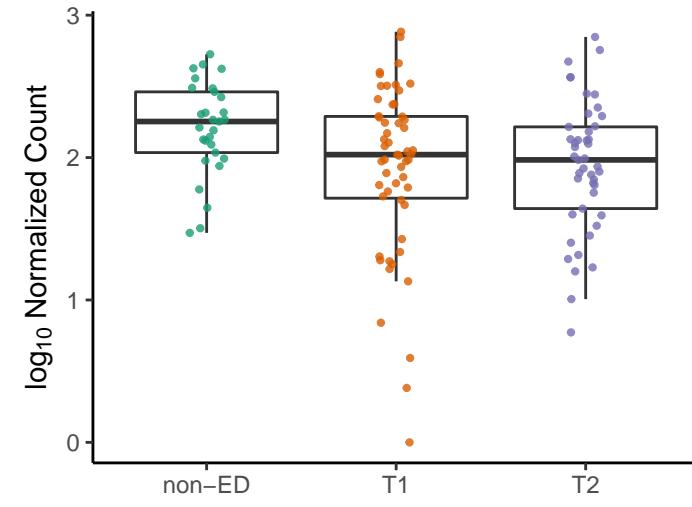
### Calditerrivibrio nitroreducens

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.99



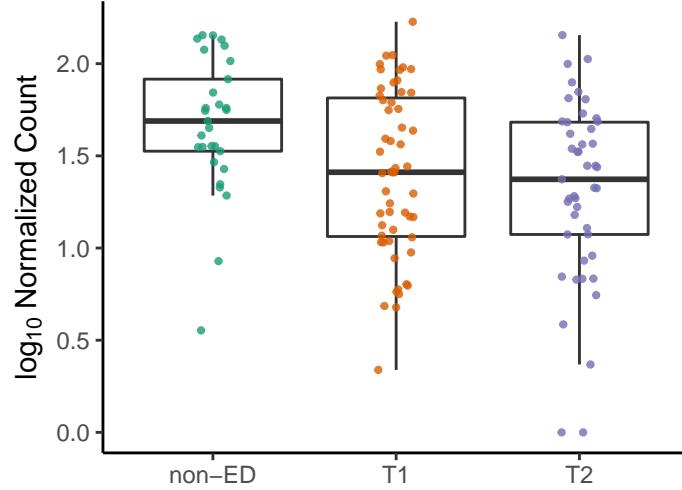
### Bordetella bronchialis

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



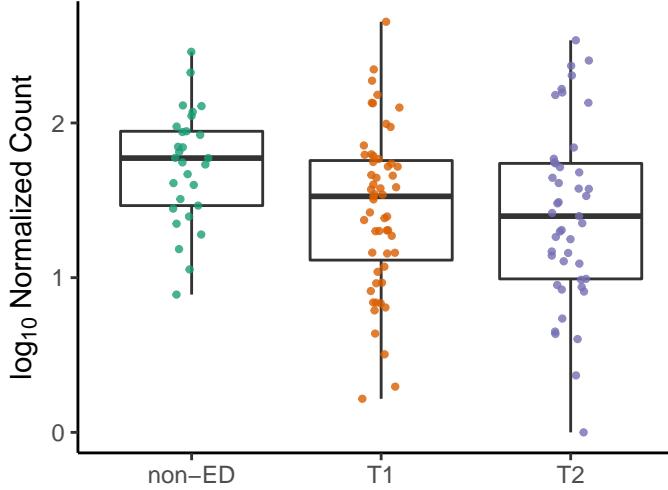
### Arcobacter skirrowii

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0076  
T1 vs. T2 adjusted p = 0.85



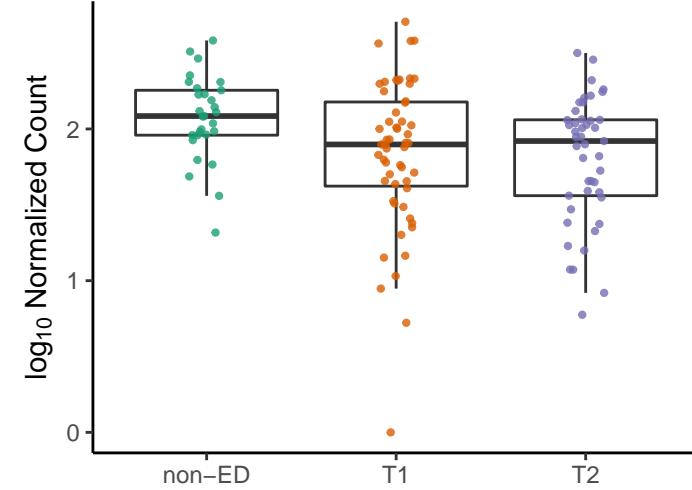
### Formosa sp. L2A11

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.93



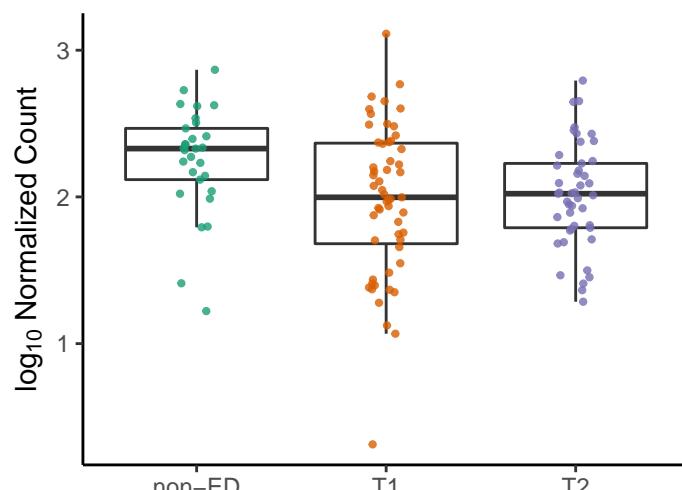
### Ancylobacter pratisalsi

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.009  
T1 vs. T2 adjusted p = 0.98



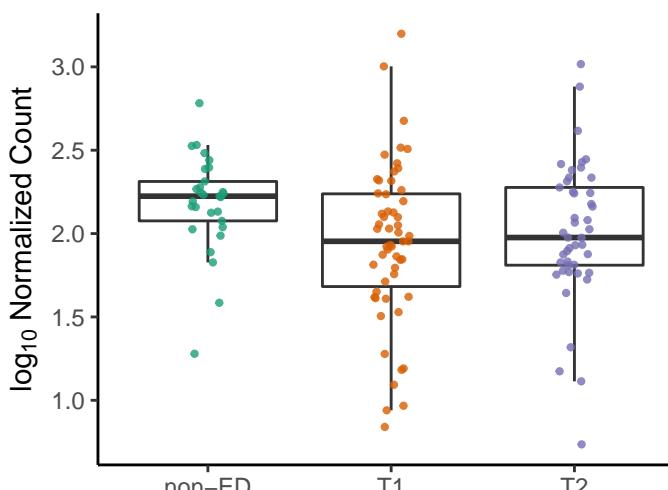
### Bordetella hinzii

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.87



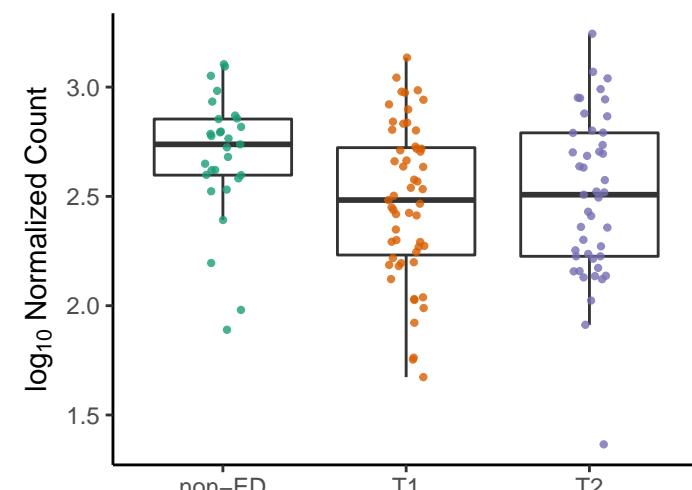
### Denitrovibrio acetiphilus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.85



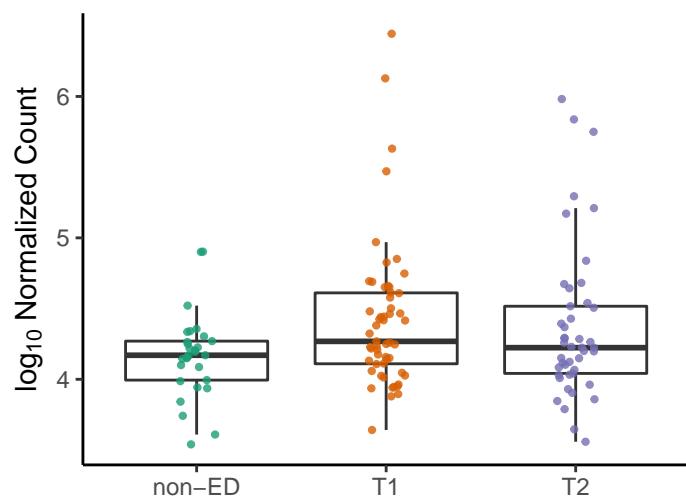
### Hungateiclostridium saccincola

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.96



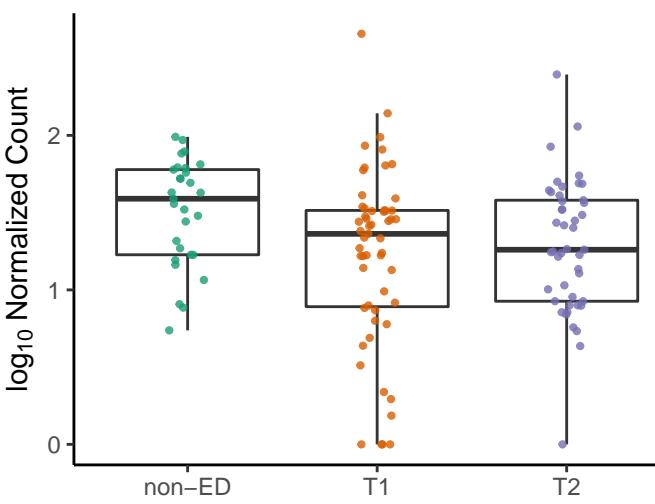
### *Lachnoclostridium* sp. YL32

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.85



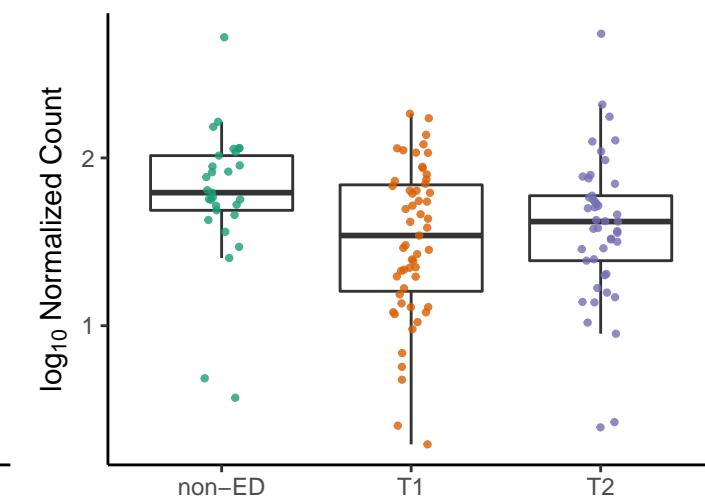
### *Litoricola lipolytica*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.87



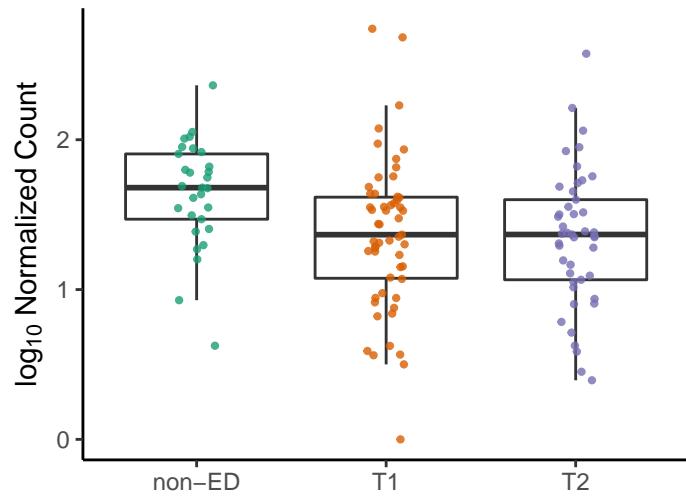
### *Marinomonas mediterranea*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.087  
 T1 vs. T2 adjusted p = 0.85



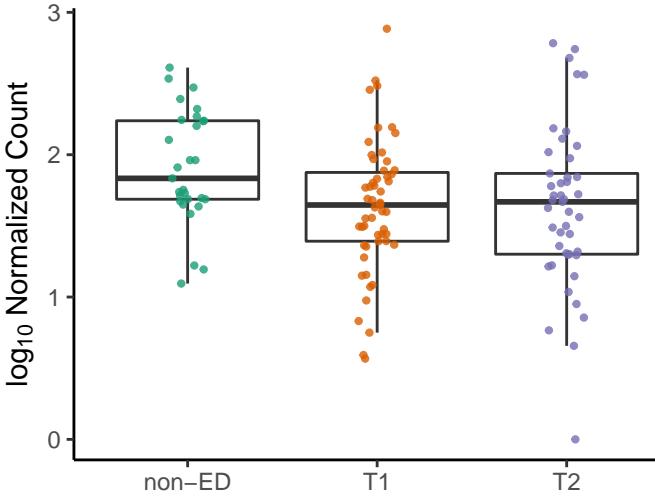
### *Nitratiruptor* sp. SB155–2

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.98



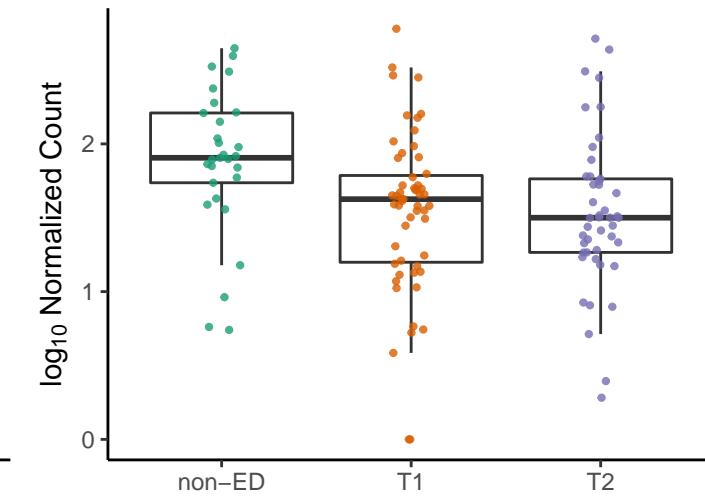
### *Ralstonia mannitolilytica*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



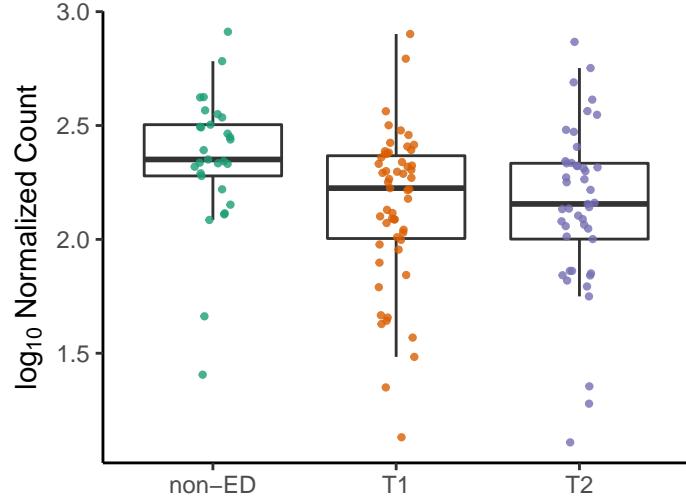
### *Neisseria brasiliensis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.97



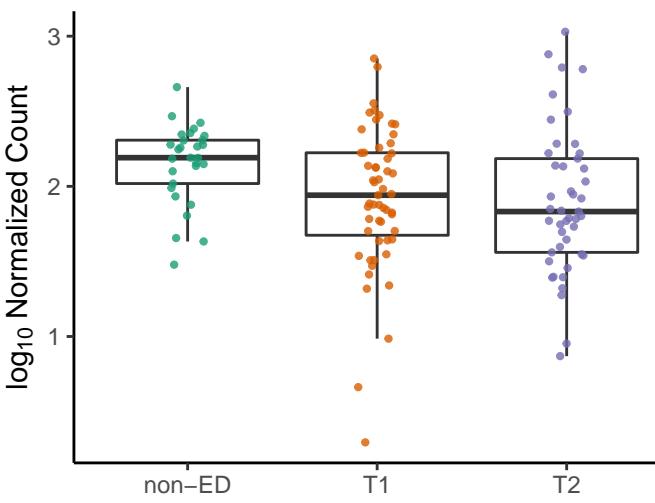
### *Aneurinibacillus* sp. XH2

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.94



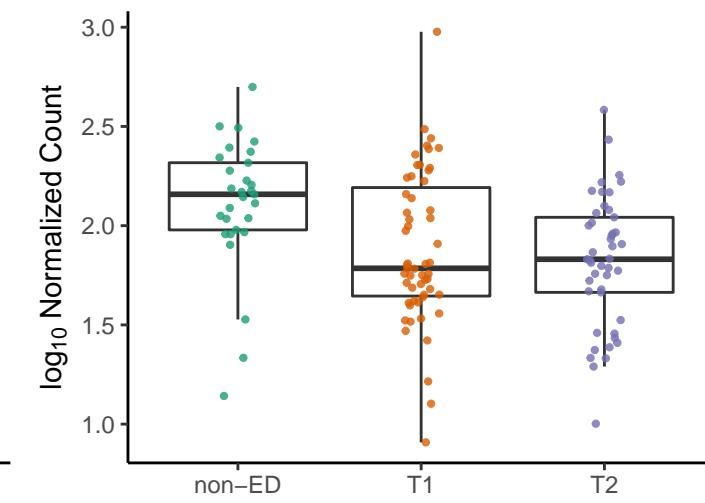
### *Chloracidobacterium thermophilum*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.98

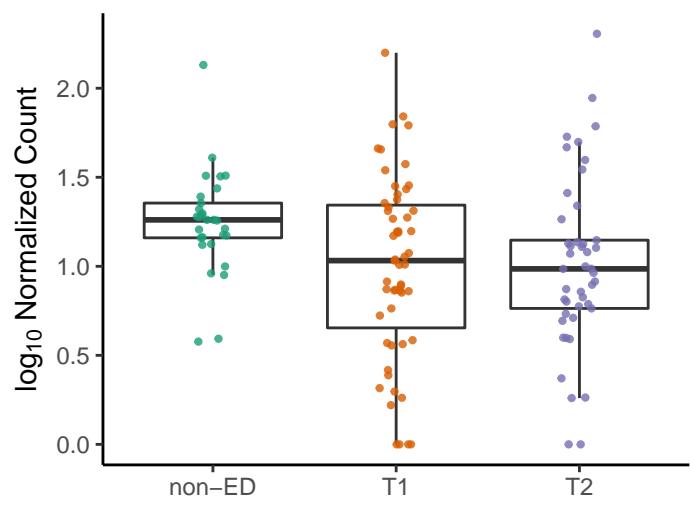


### *Flavobacterium columnare*

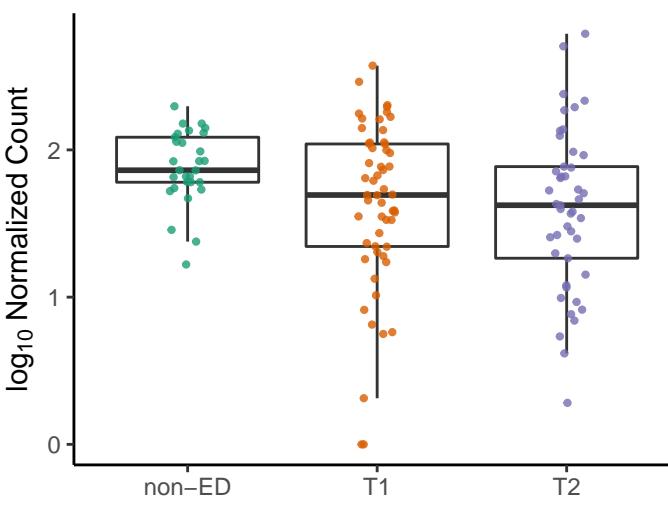
non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



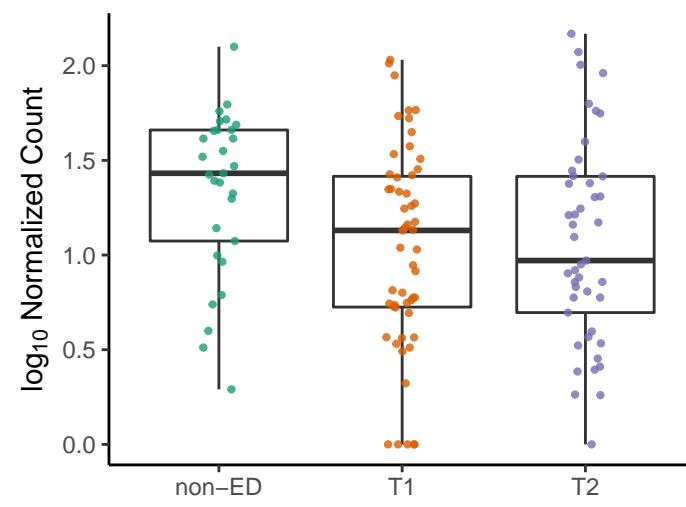
*Mesorhizobium* sp. M2A.F.Ca.ET.046.0:  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.94



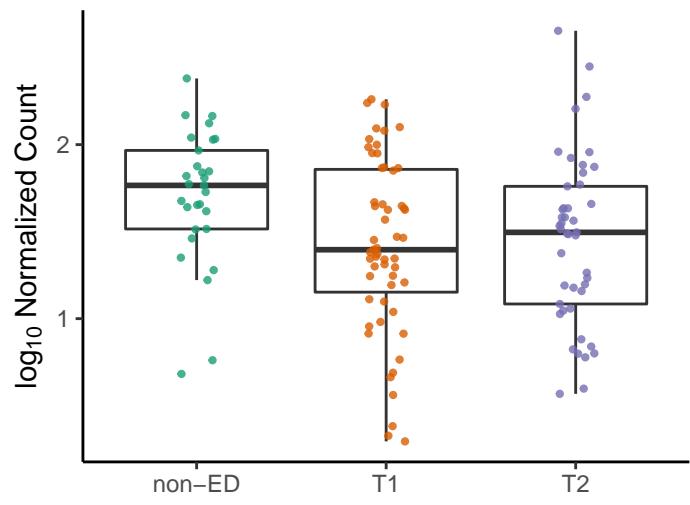
*Microbacterium* sp. ABRD\_28  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.99



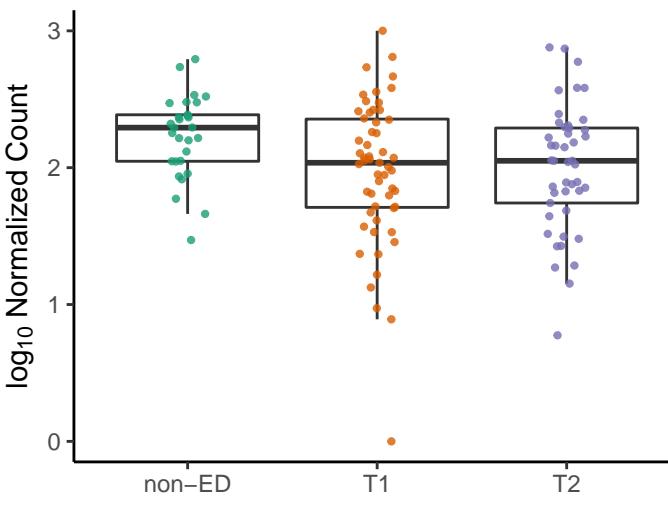
*Thiomonas arsenitoxydans*  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.89



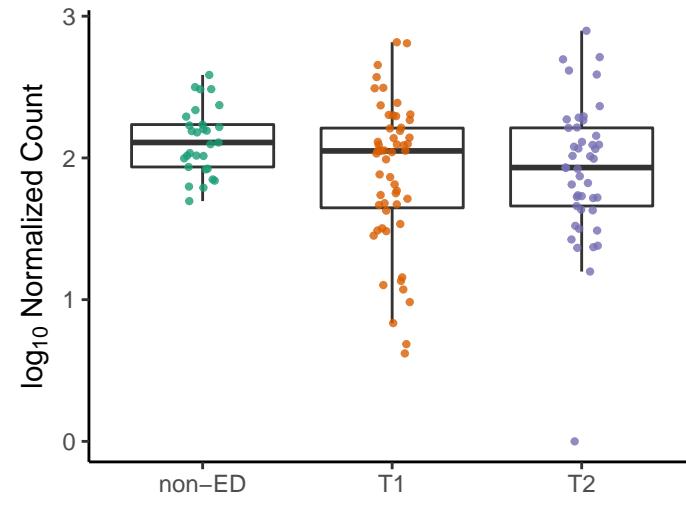
*Pseudomonas* sp. Leaf58  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.85



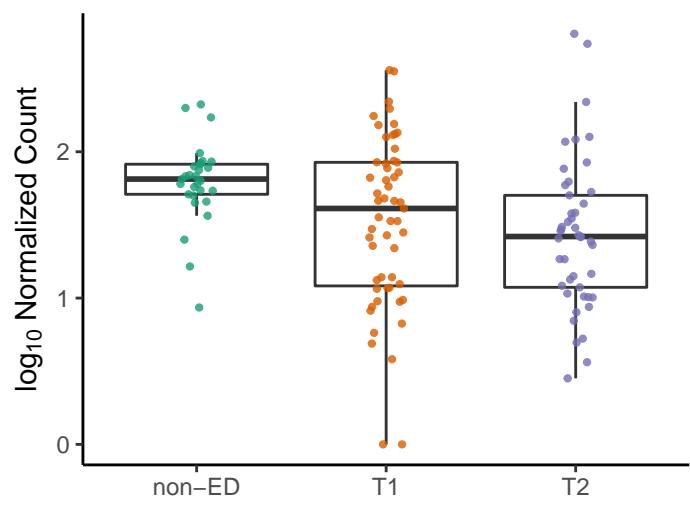
*Rhodospirillum rubrum*  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.9



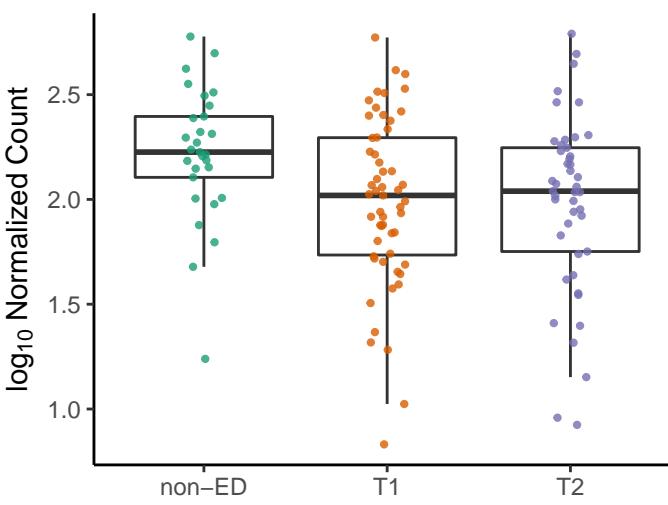
*Geobacter* sp. M21  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.91



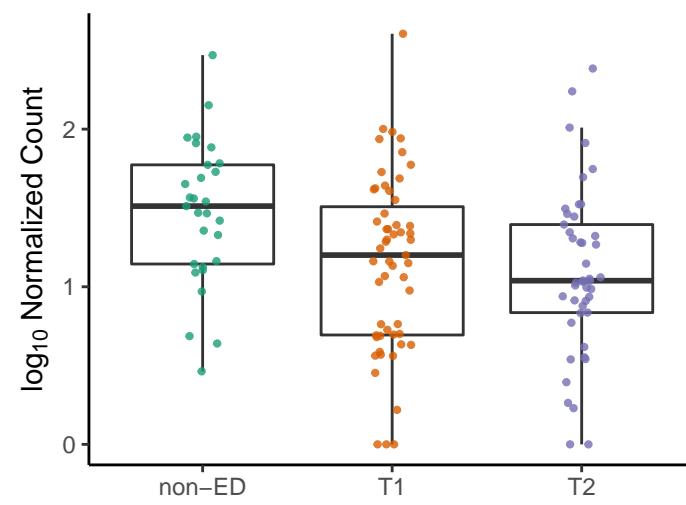
*Curtobacterium* sp. SGAir0471  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.95



*Pantoea dispersa*  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.92

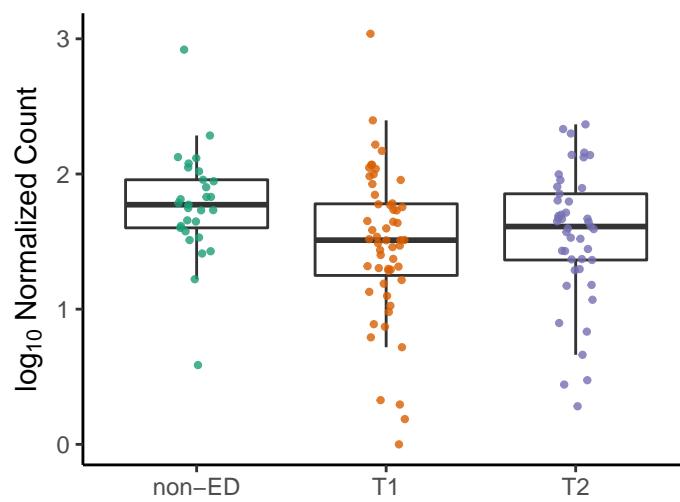


*Pseudomonas amygdali*  
non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.91



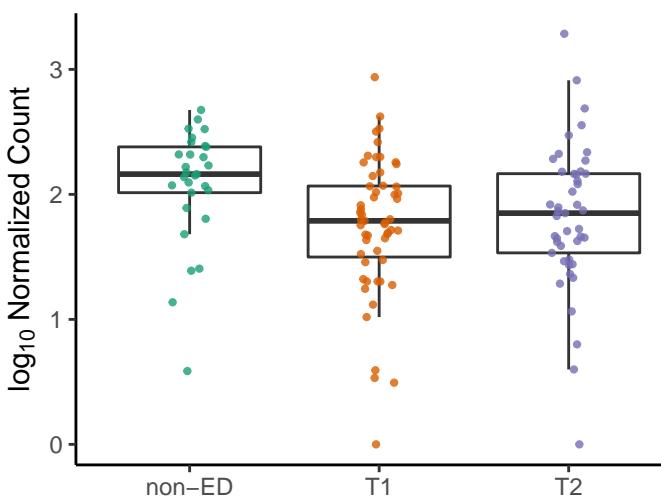
### Unclassified Chromatiales Order

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.85



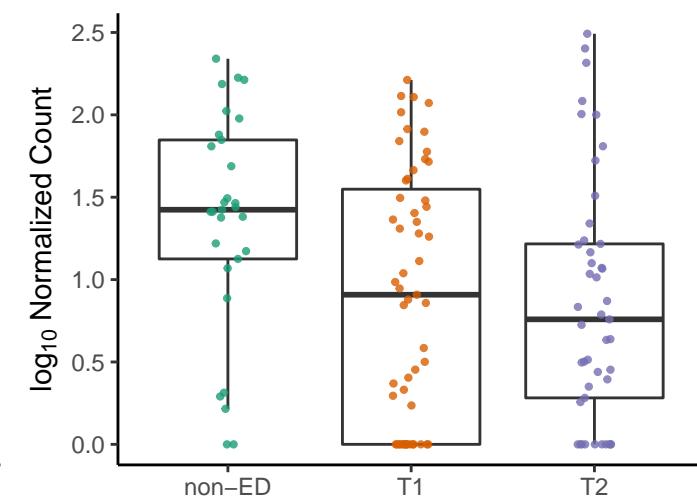
### *Microbacterium sediminis*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.85



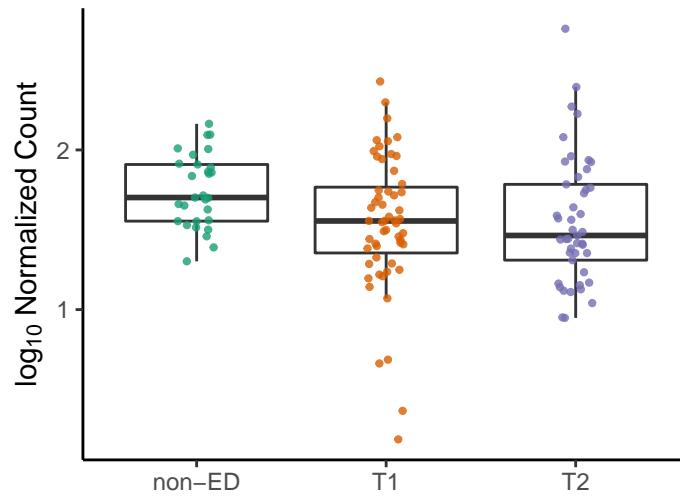
### Unclassified Luteimonas Genus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.98



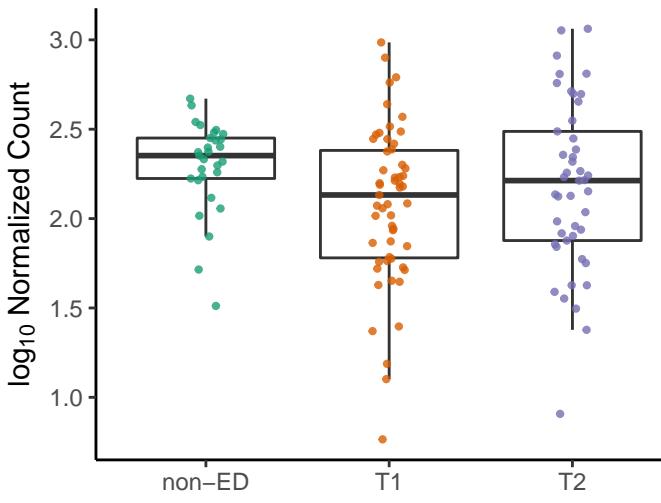
### *Corynebacterium resistens*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.95



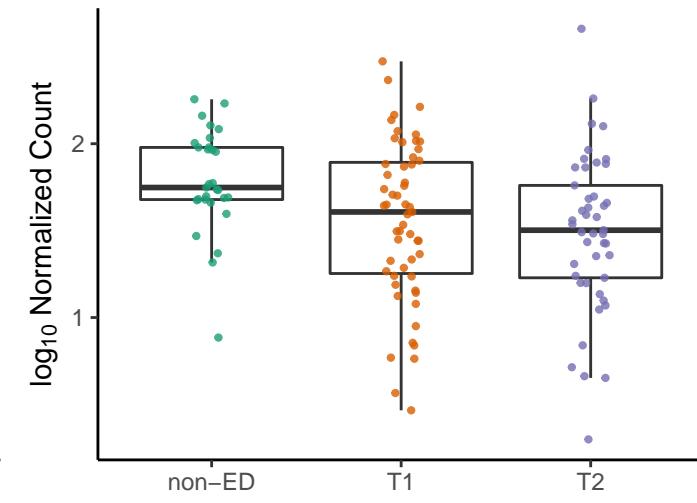
### *Deinococcus metallilatus*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.85



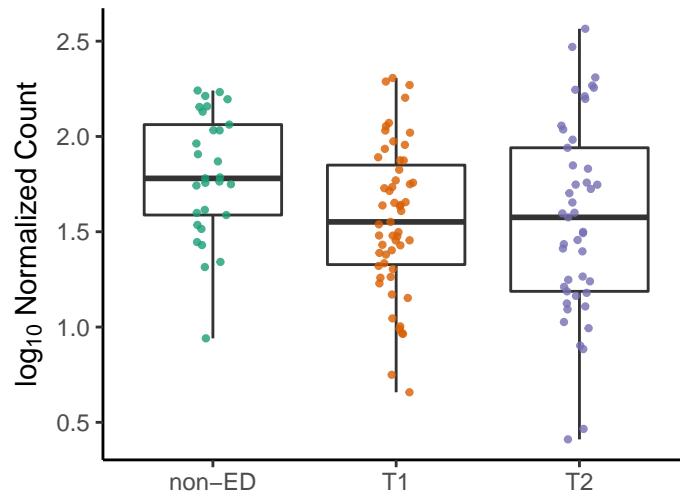
### *Nonlabens* sp. MB-3u-79

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.85



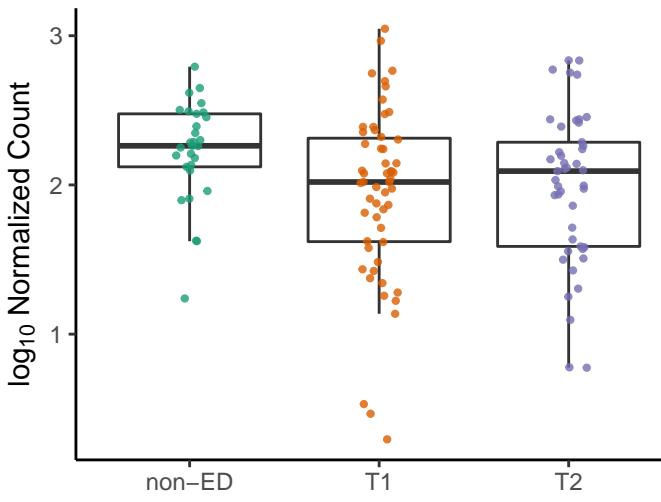
### *Lactobacillus terrae*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.97



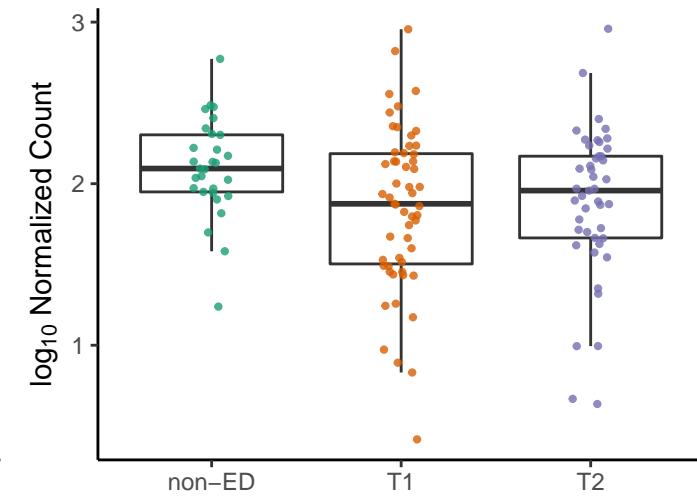
### *Chromobacterium* sp. ATCC 53434

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



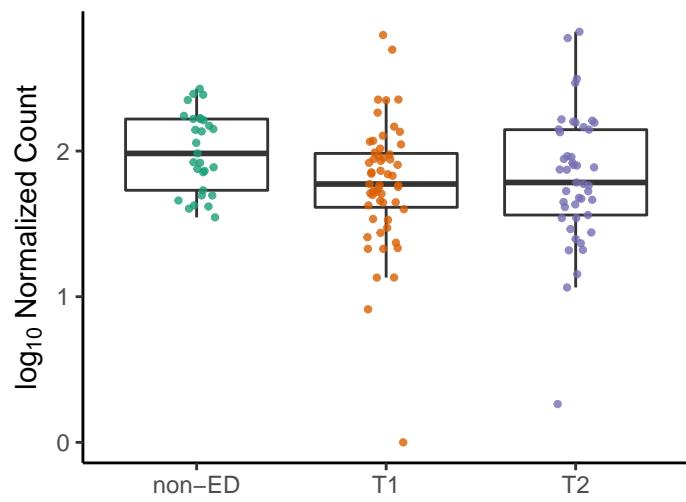
### *Emcibacter congregatus*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.91



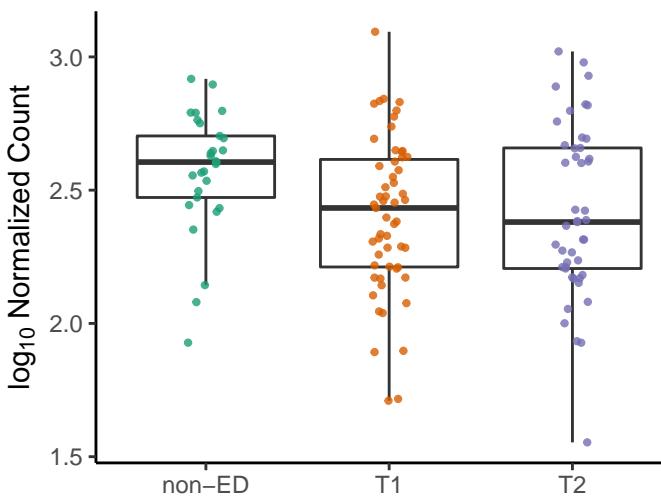
### *Halomonas socia*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.87



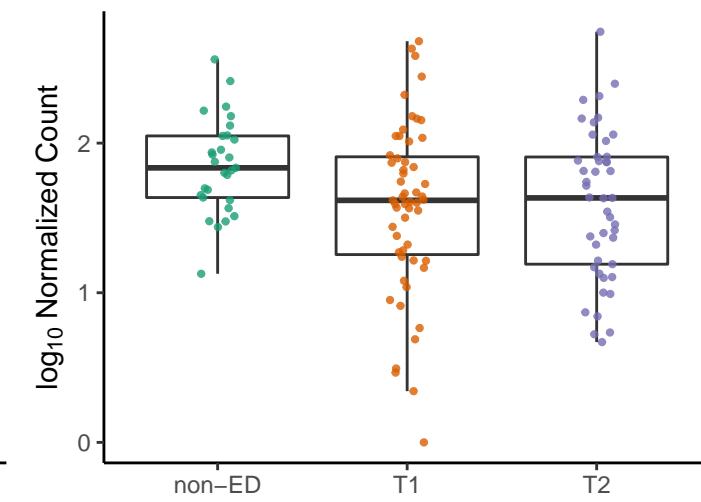
### Unclassified *Brevibacillus* Genus

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.93



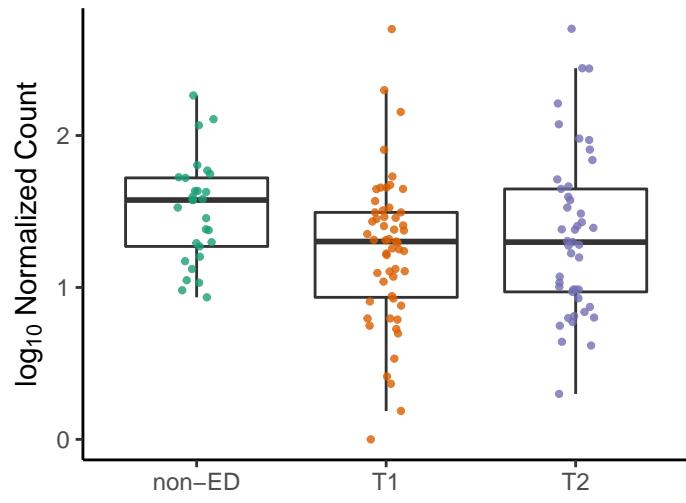
### *Dietzia lutea*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.91



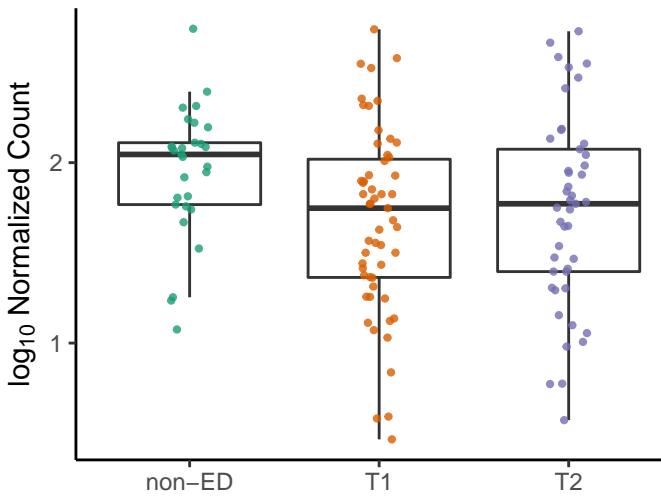
### *Pseudomonas rhodesiae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



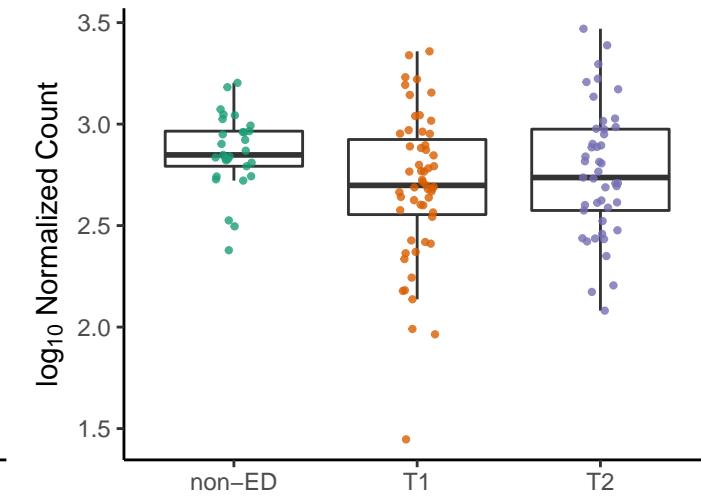
### Rhodothermaceae bacterium RA

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.87



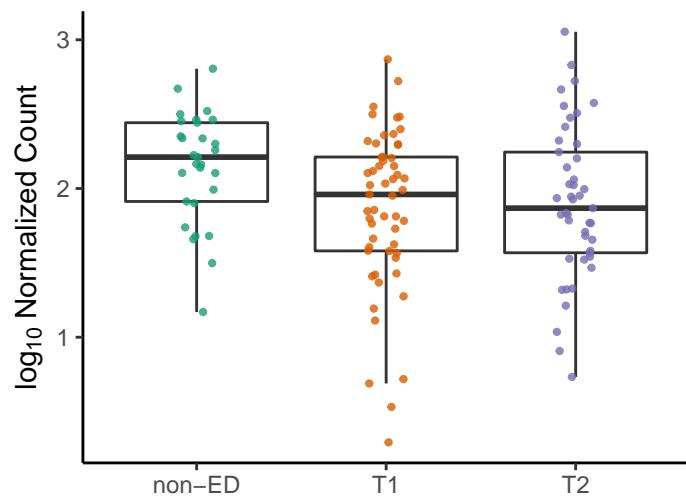
### *Agrobacterium tumefaciens*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



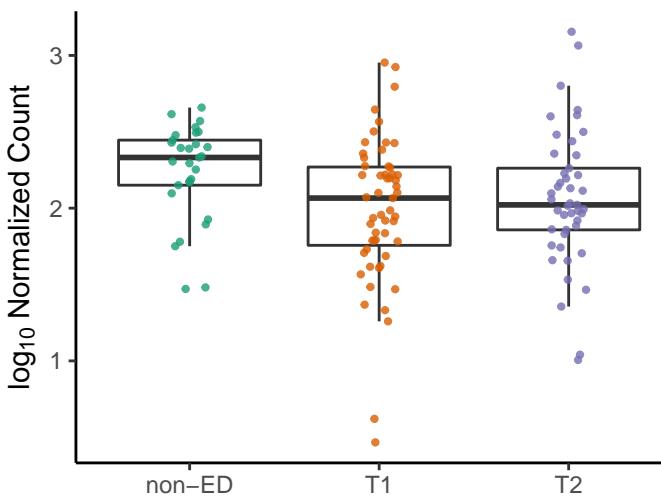
### *Actinopolyspora erythraea*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.91



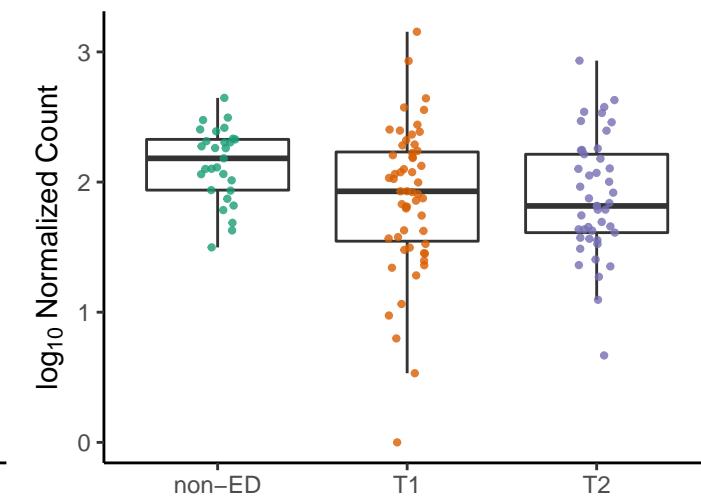
### *Massilia umbonata*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.85



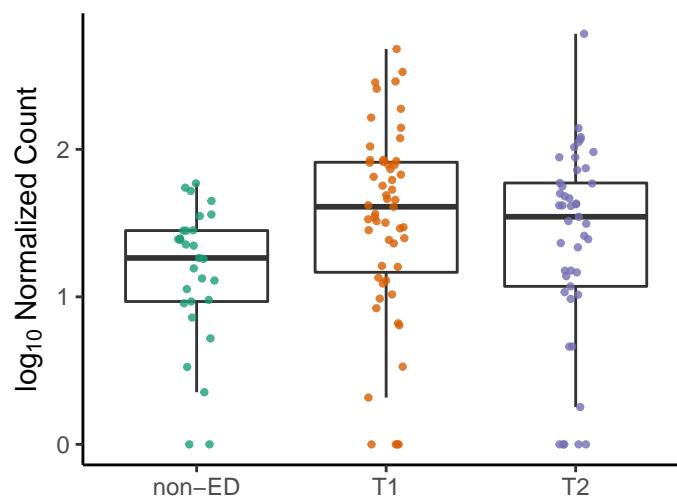
### *Streptomyces ambofaciens*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.97



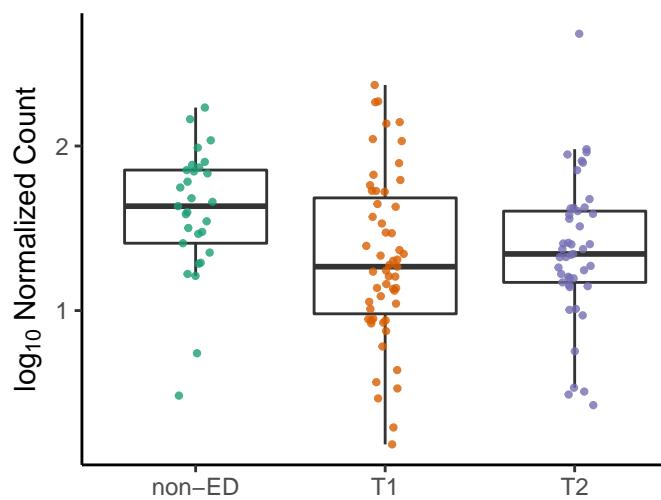
### Unclassified Aequorivita Genus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



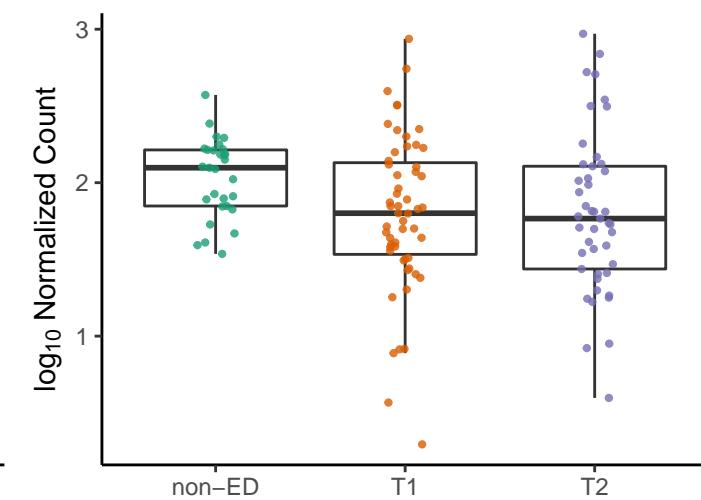
### *Yersinia similis*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.9



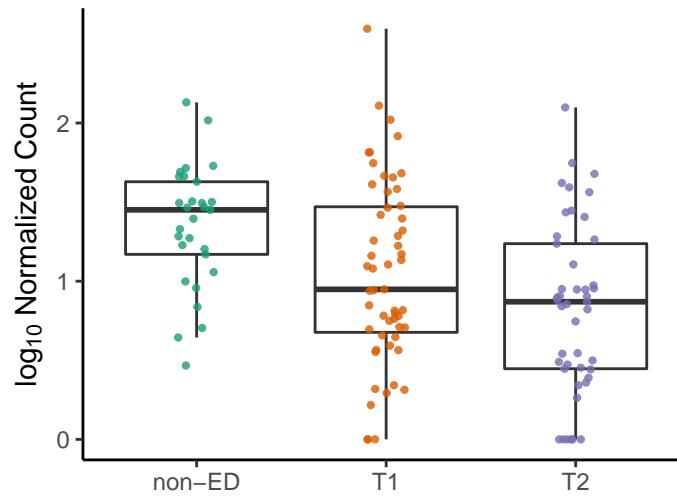
### *Frankia casuarinae*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.95



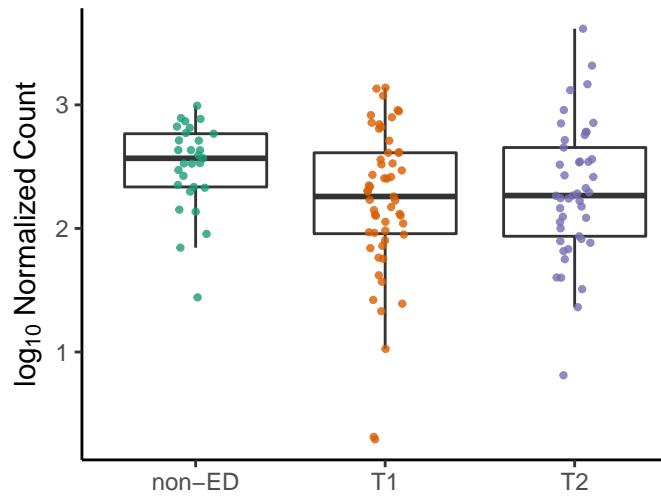
### *Rickettsia bellii*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0016  
T1 vs. T2 adjusted p = 0.75



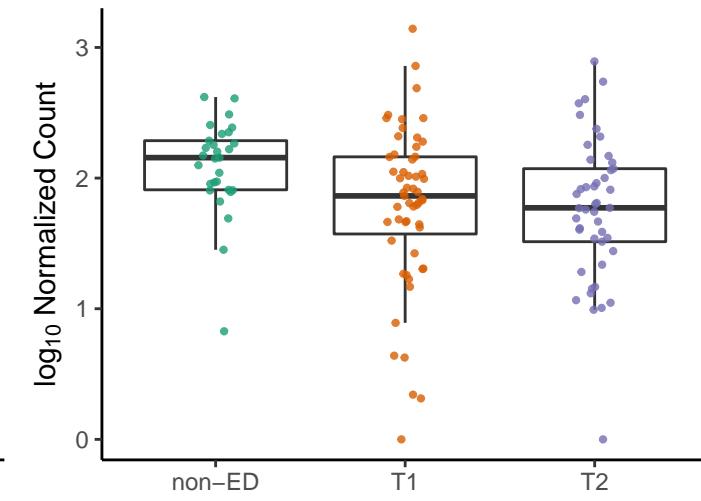
### *Baedkuia soli*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.85



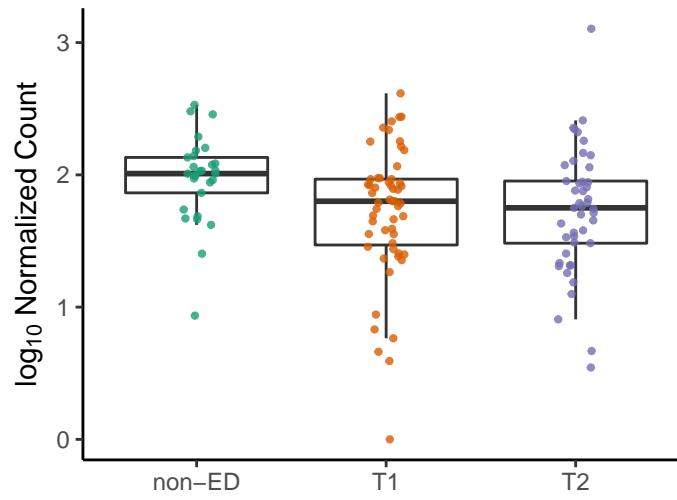
### Hydrogenophaga sp. BA0156

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.97



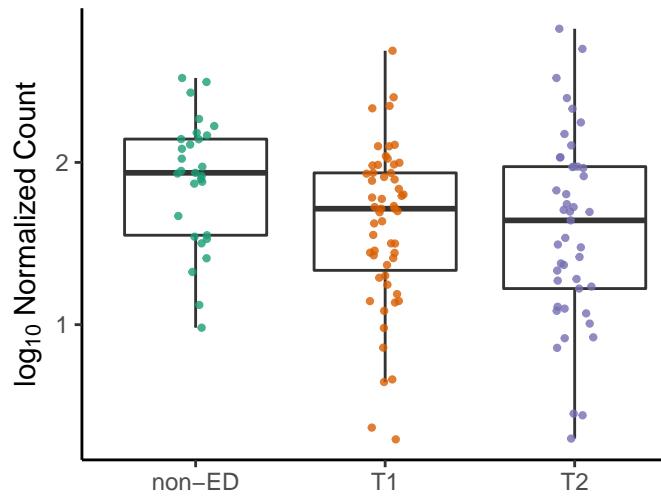
### *Gordonia polyisoprenivorans*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.91



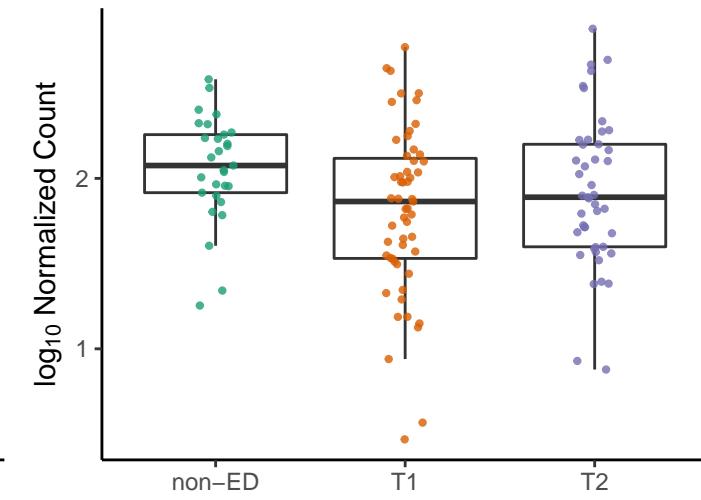
### *Sphingomonas indica*

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 1



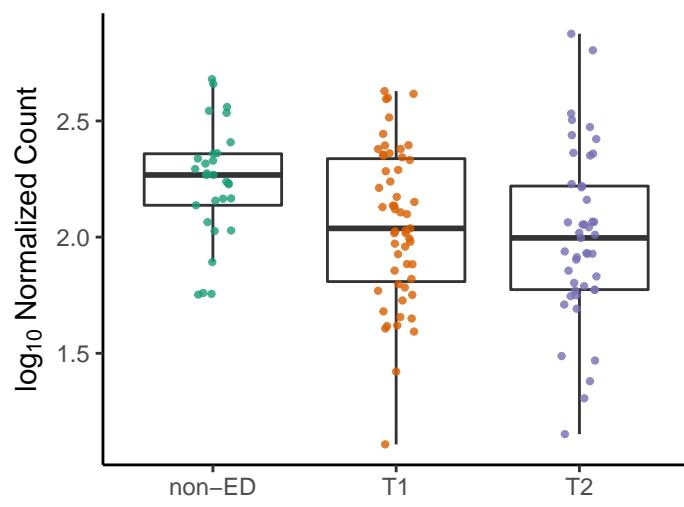
### Unclassified Tardiphaga Genus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.85



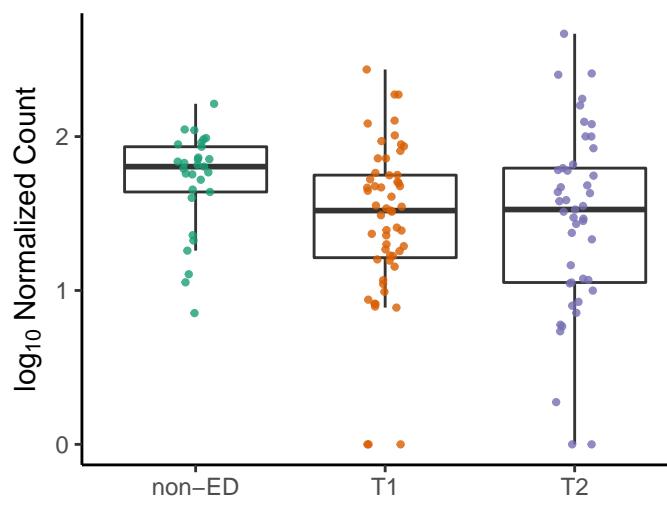
### *Aerococcus urinæ*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.91



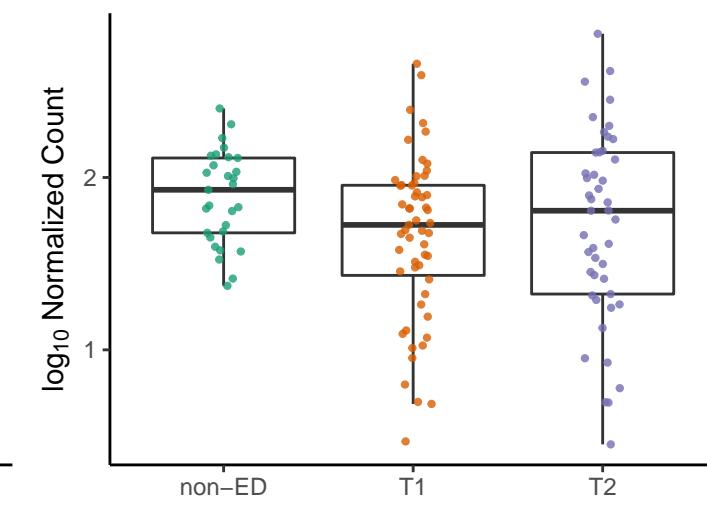
### *Halorubrum ezzemoulene*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.87



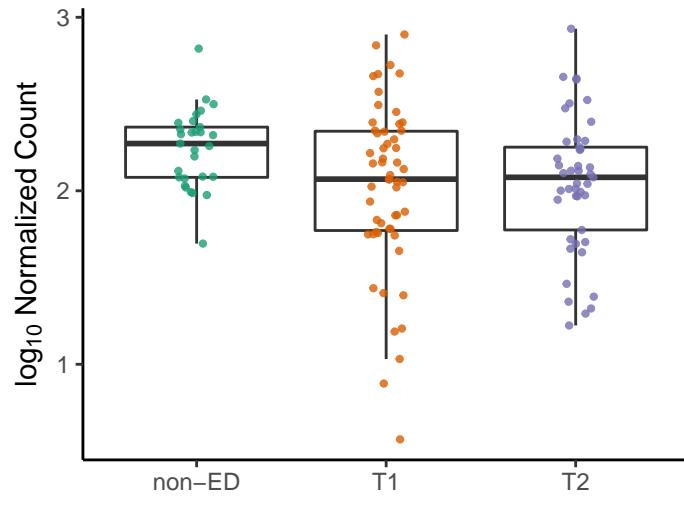
### *Mycolicibacterium rhodesiae*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



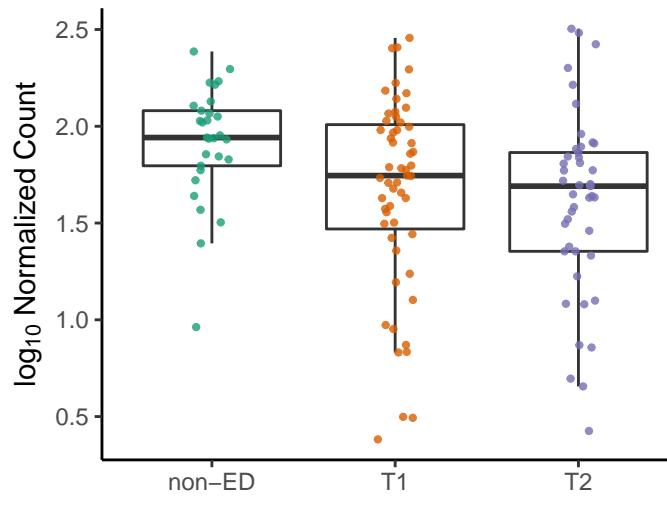
### *Chromobacterium violaceum*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.87



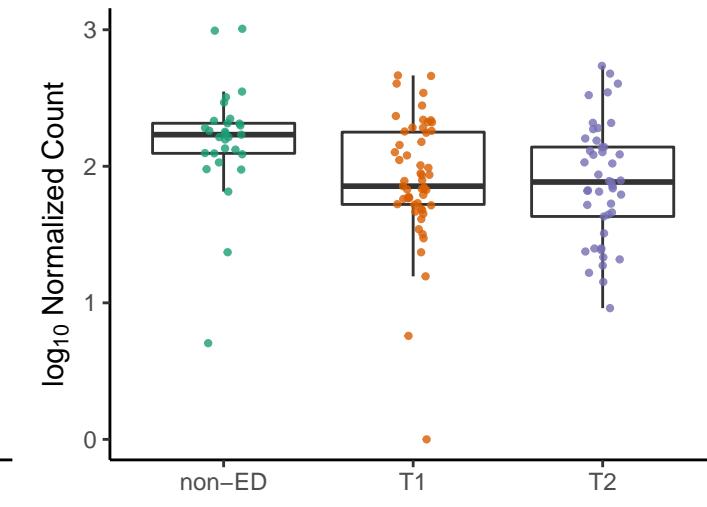
### *Celeribacter ethanolicus*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.91



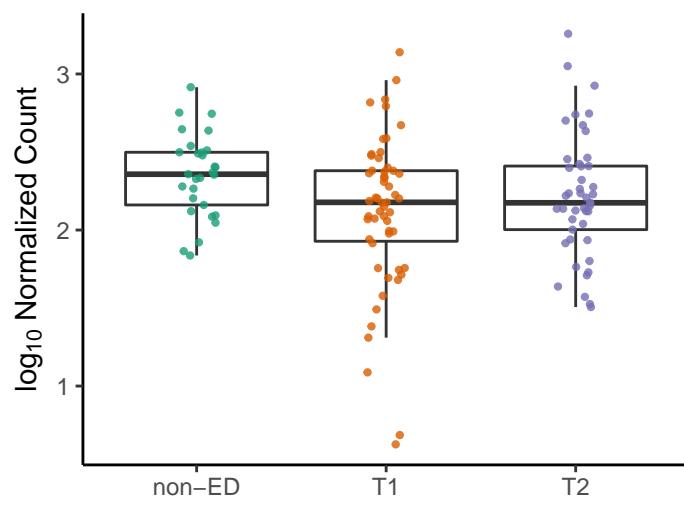
### *Fusobacterium gonidiaformans*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.9



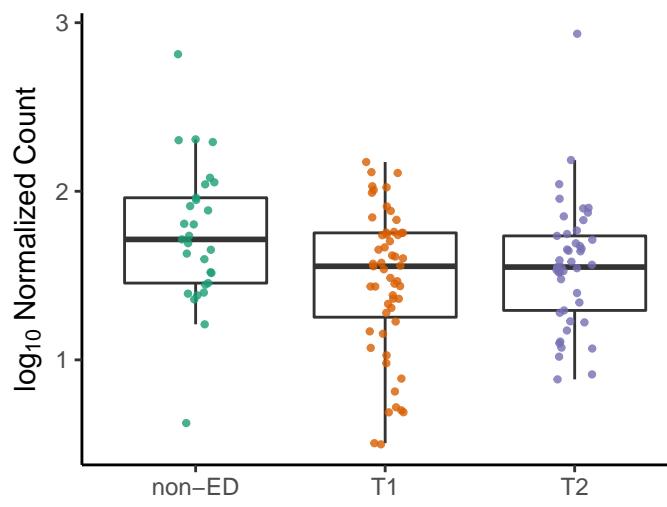
### Unclassified Pseudomonadaceae Family

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



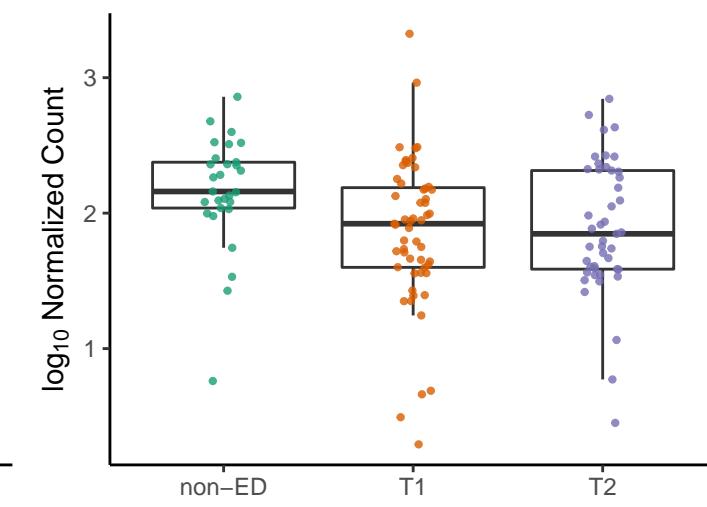
### *Shewanella sediminis*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.85



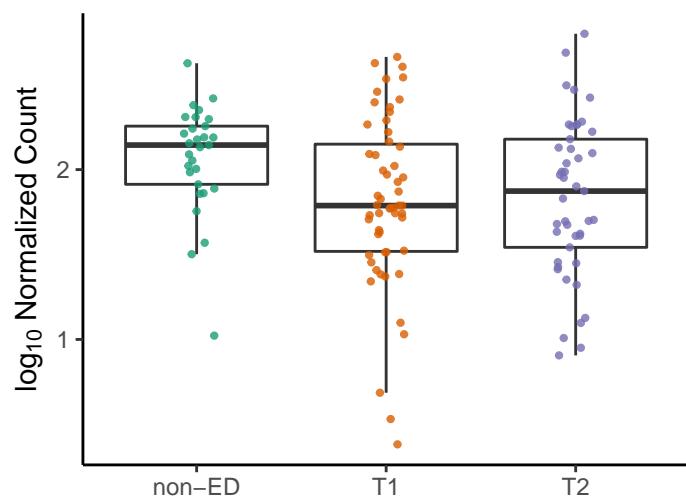
### *Streptomyces collinus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.87



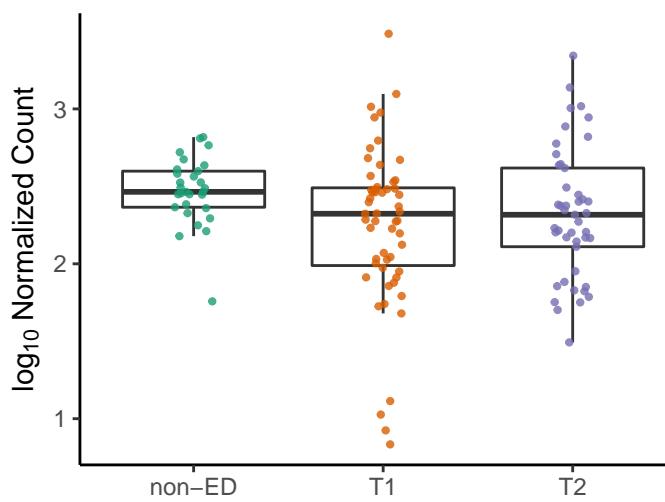
### Unclassified Dietzia Genus

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.89



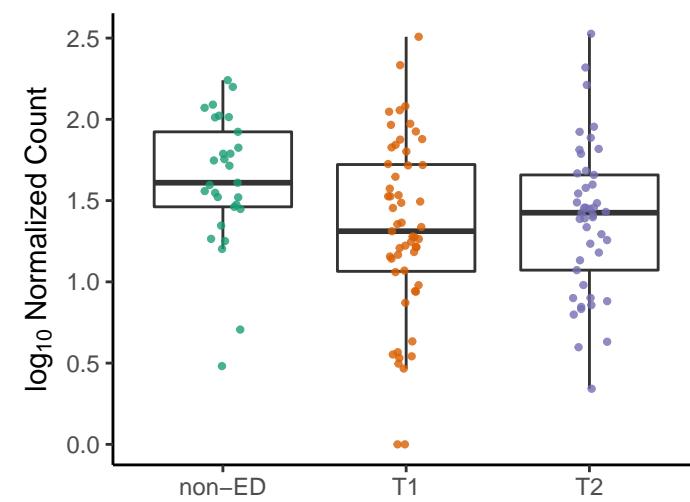
### Nitrospirillum amazonense

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.85



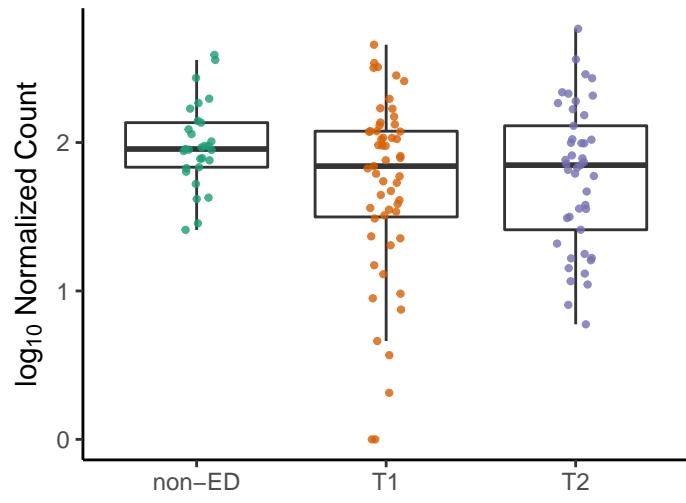
### Nostoc piscinale

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.95



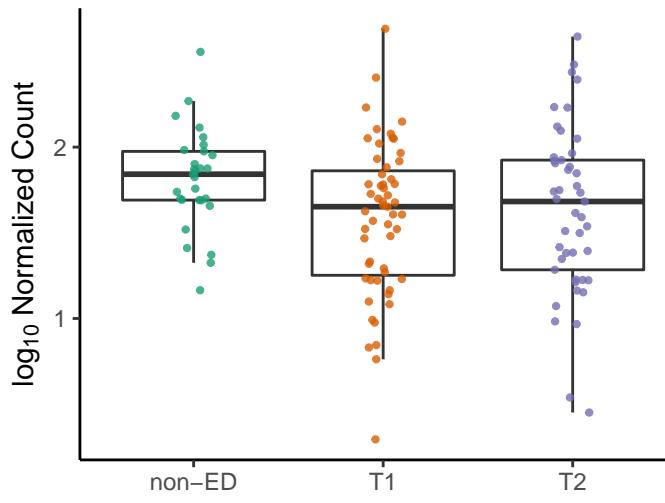
### Unclassified Citricoccus Genus

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.85



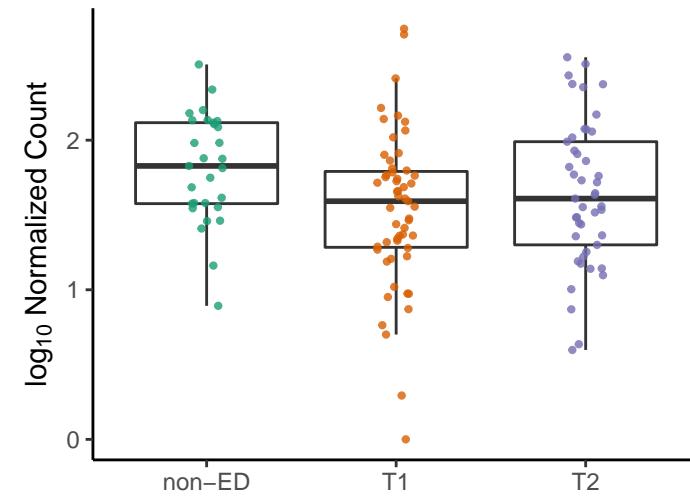
### Thermomonas sp. HDW16

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.87



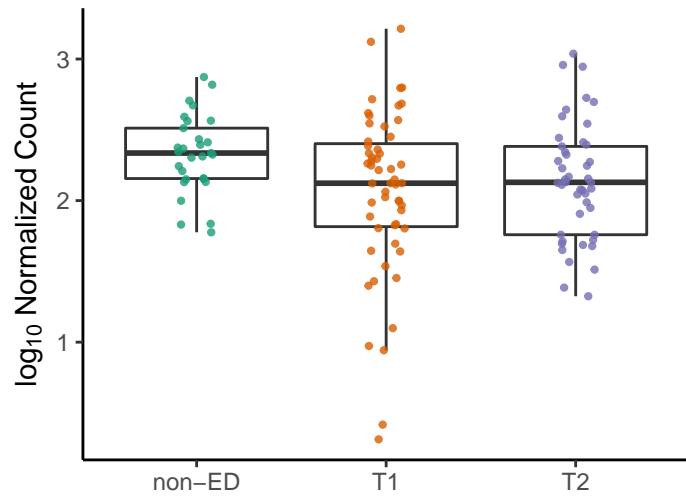
### Ruegeria sp. THAF33

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



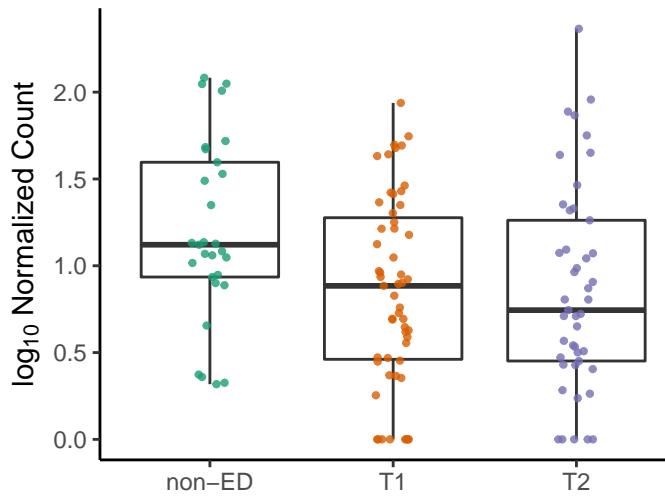
### Streptosporangium sp. caverna

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



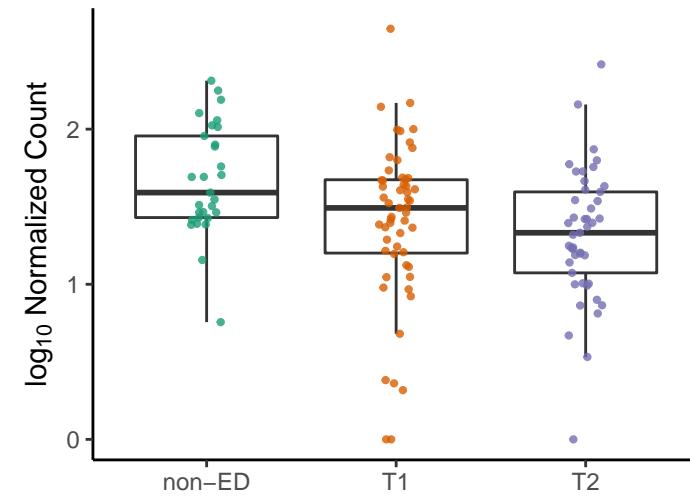
### Unclassified Pelobacter Genus

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.93



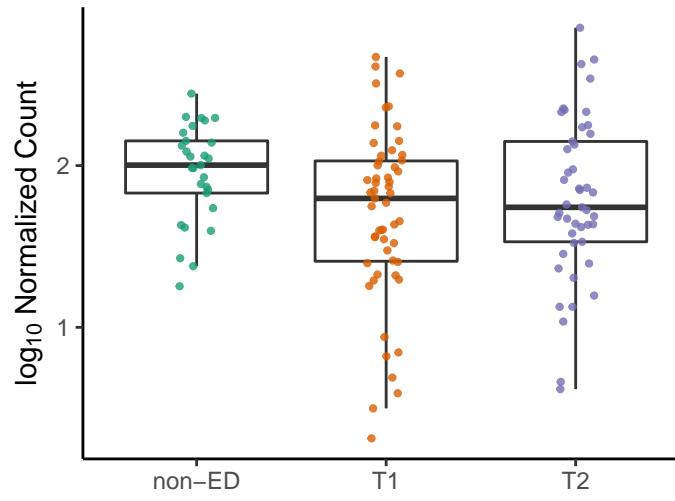
### Brevibacterium siliguriense

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.0047  
T1 vs. T2 adjusted p = 0.88



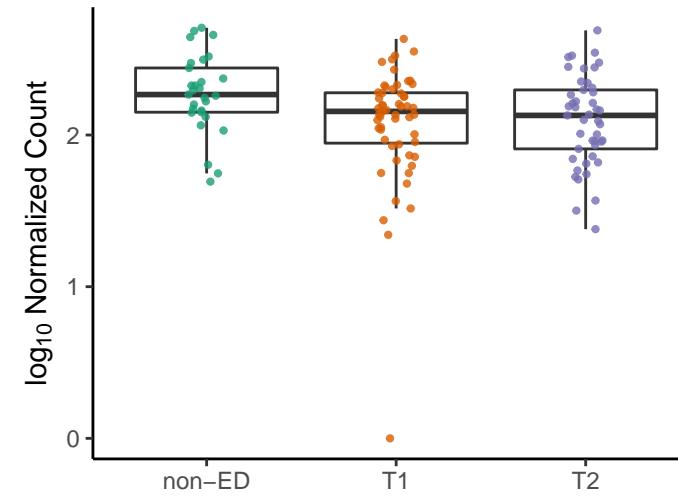
### *Comamonas aquatica*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



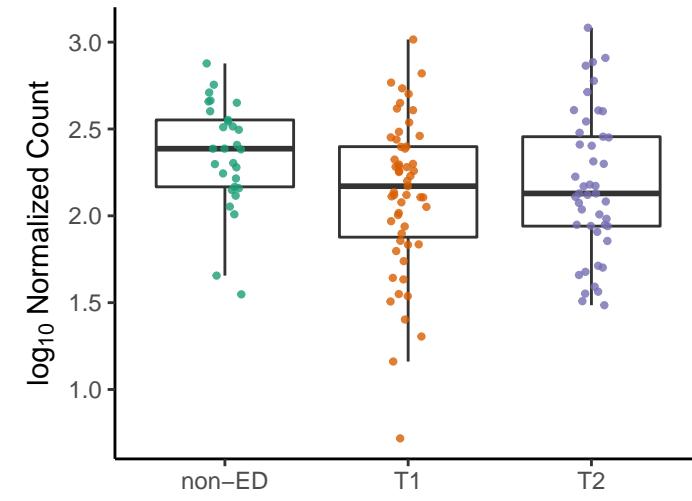
### *Paenibacillus xylanilyticus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.88



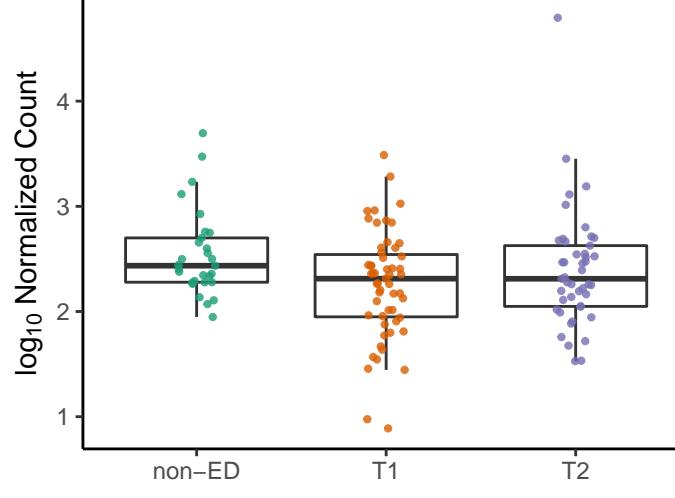
### *Janthinobacterium agaricidamnosum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.85



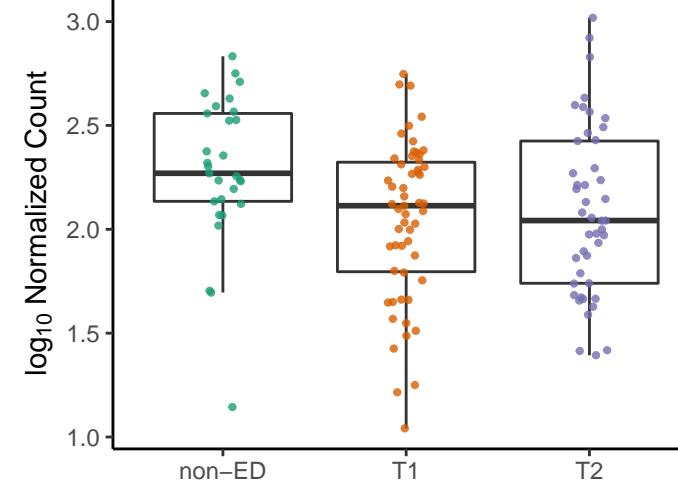
### *Pseudopropionibacterium propionicum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



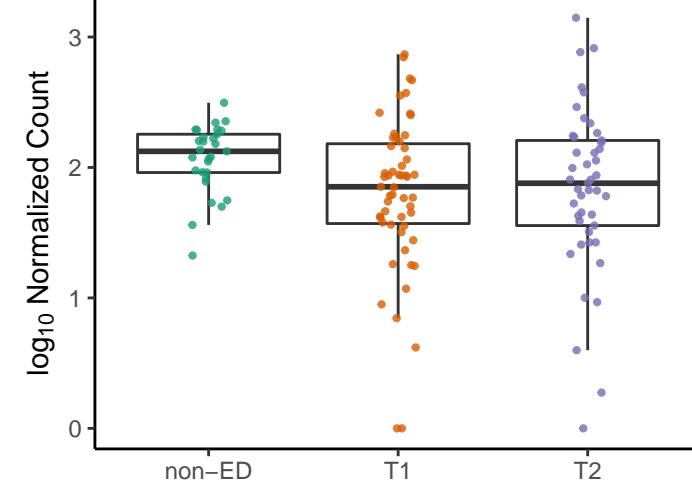
### *Pochonia chlamydosporia*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.92



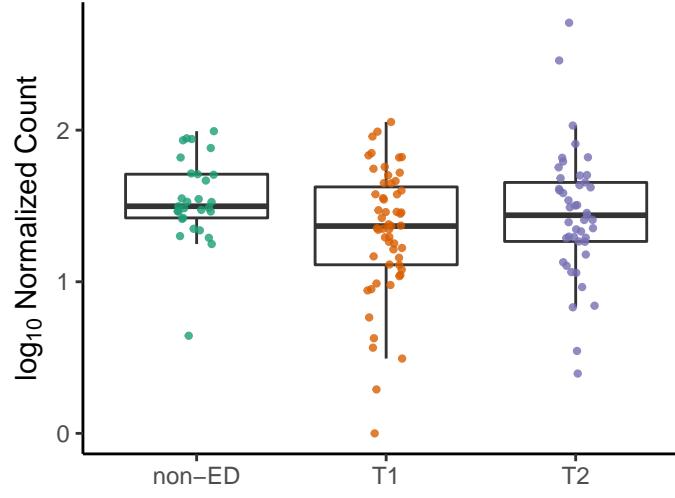
### *Streptomyces tendae*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.87



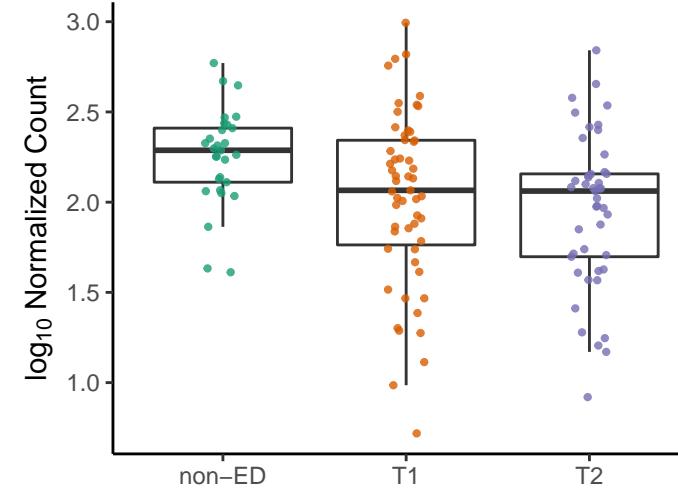
### *Acetobacter orientalis*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.85



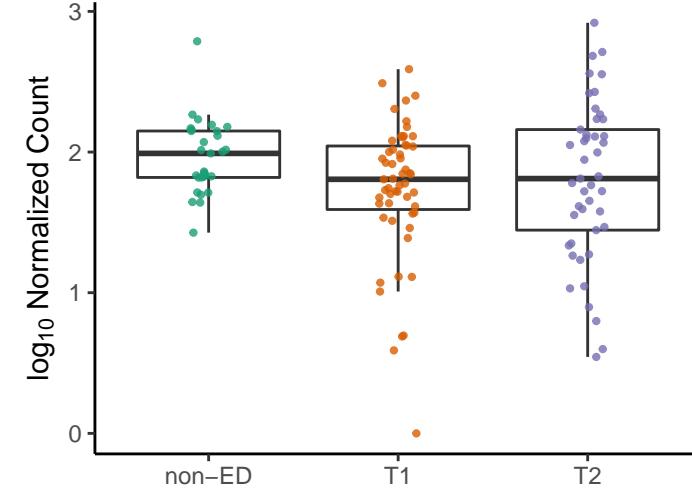
### *Granulicella sp. WH15*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.92



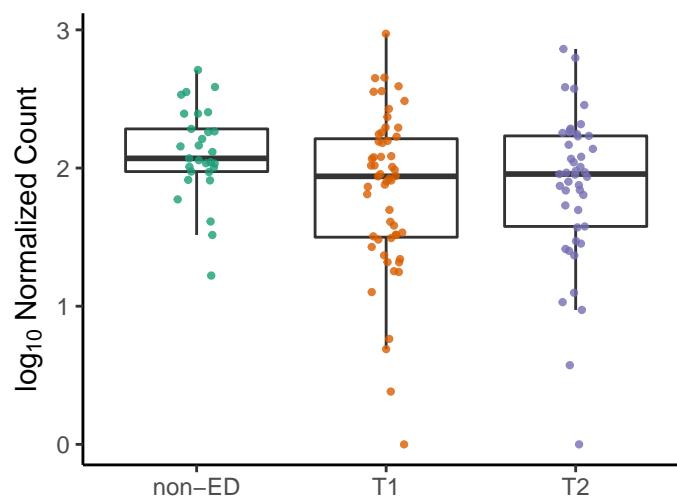
### *Brachybacterium faecium*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



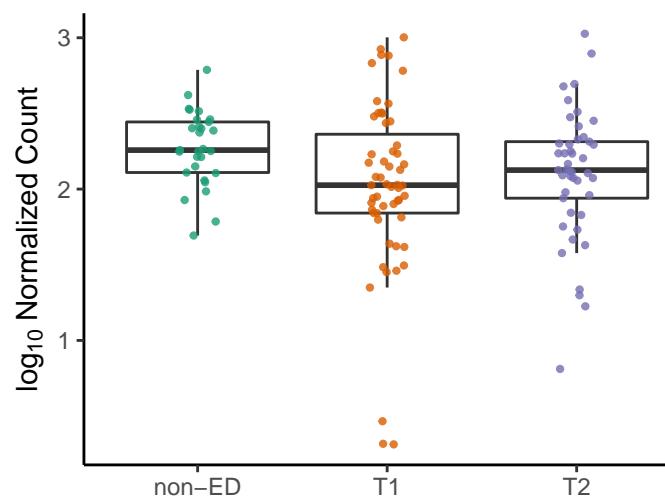
### *Thiomonas* sp. X19

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.87



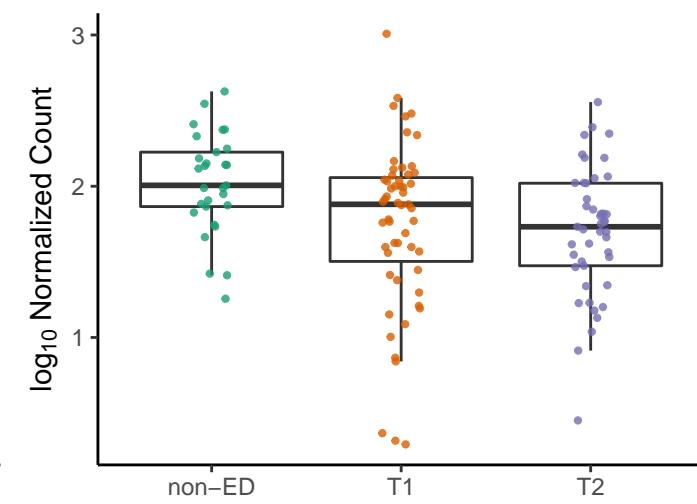
### Unclassified Roseomonas Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.85



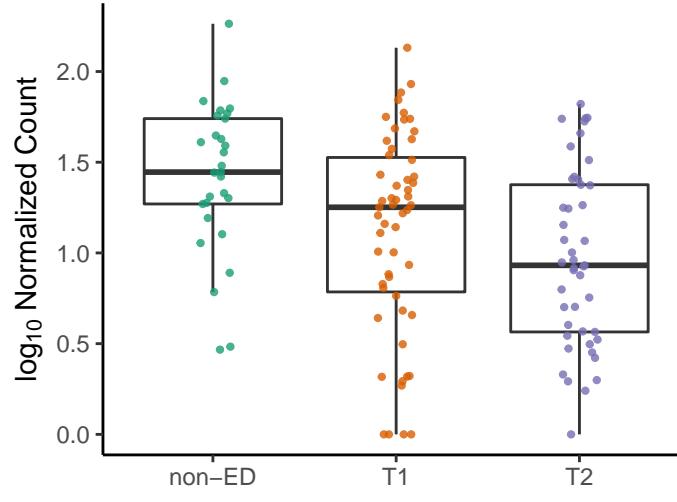
### *Paracoccus aminovorans*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.98



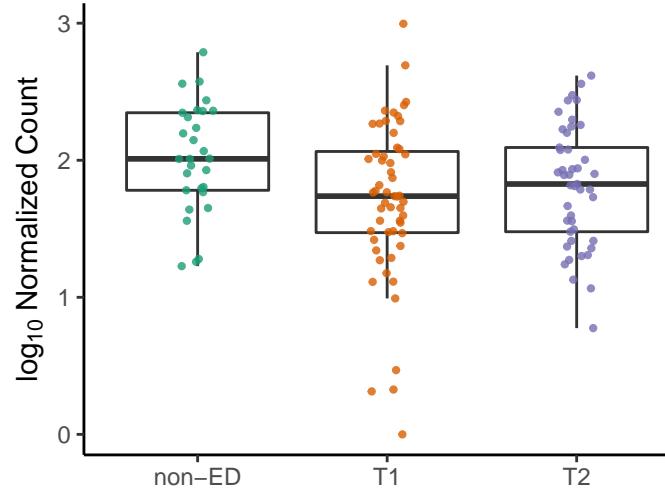
### *Sulfolobus* sp. A20

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



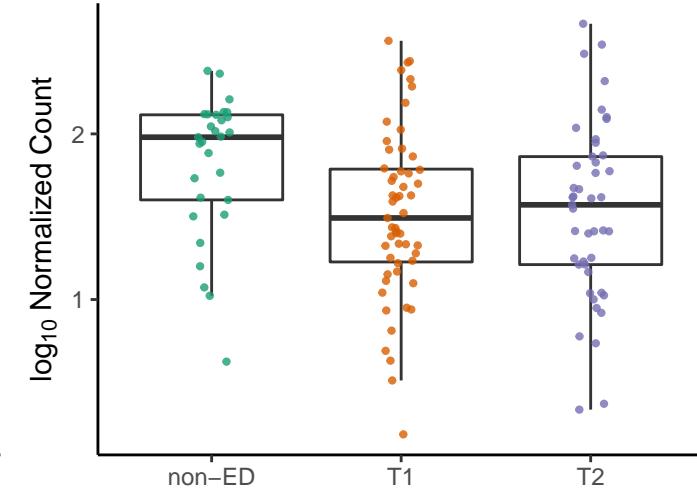
### *Pulveribacter suum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.85



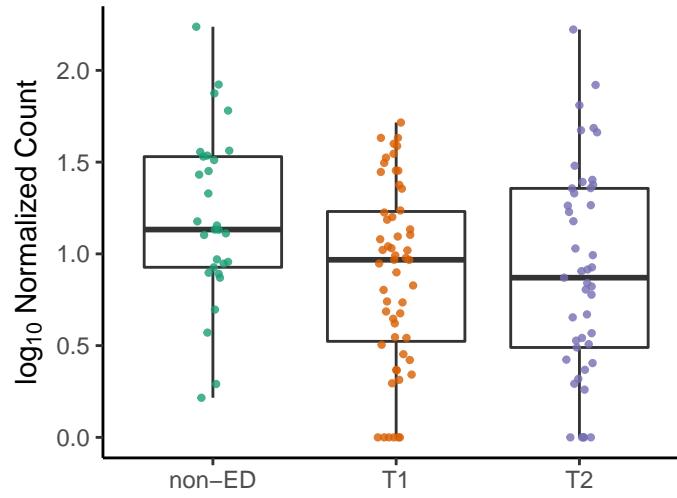
### *Paraglaciecola psychrophila*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.98



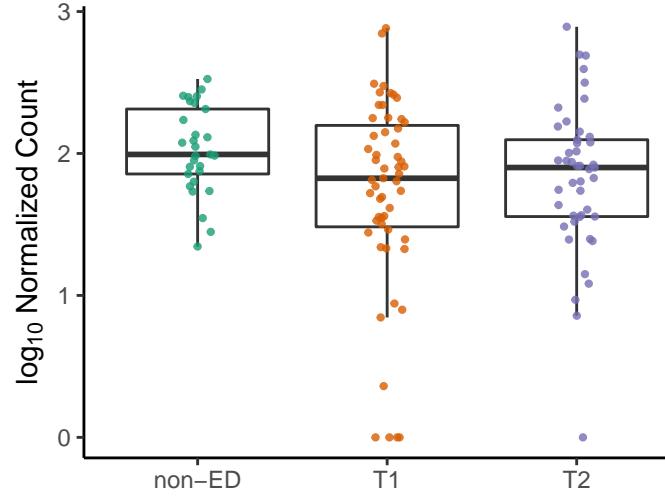
### *Exiguobacterium* sp. U13-1

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.99



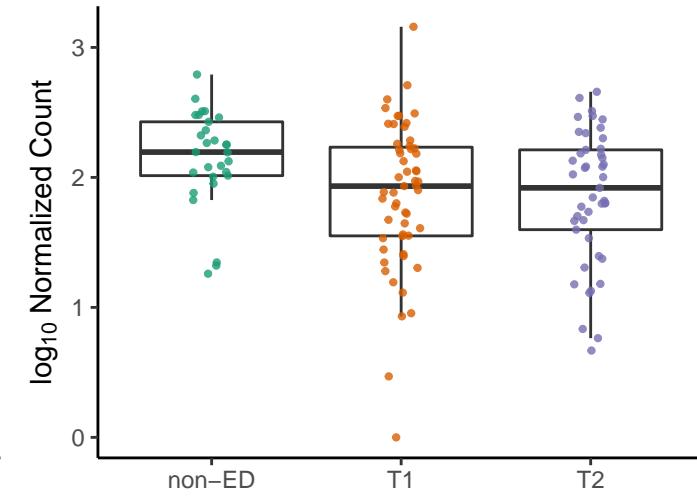
### *Dehalogenimonas lykanthroporepellens*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.85



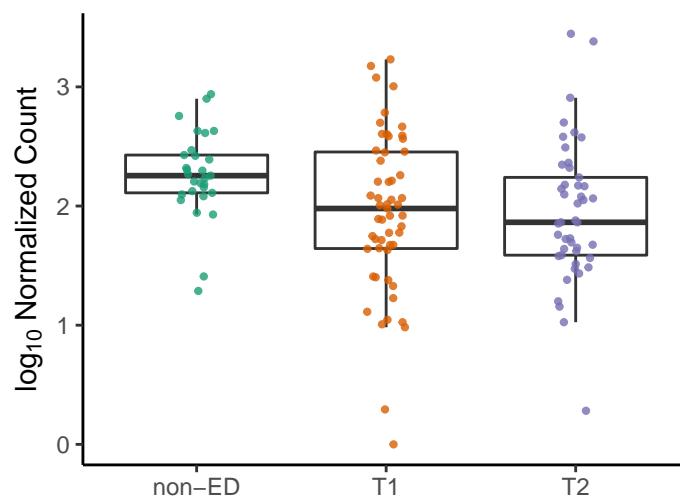
### *Aeromicrobium erythreum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.95



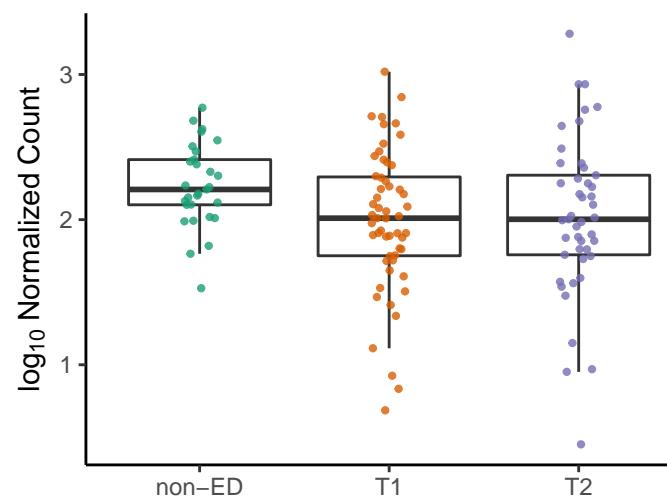
### *Thioalkalivibrio versutus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.93



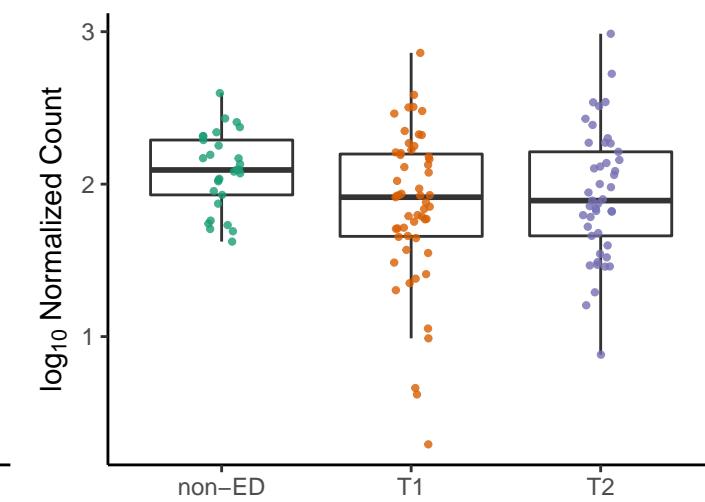
### *Gemmataceae bacterium PX52*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.87



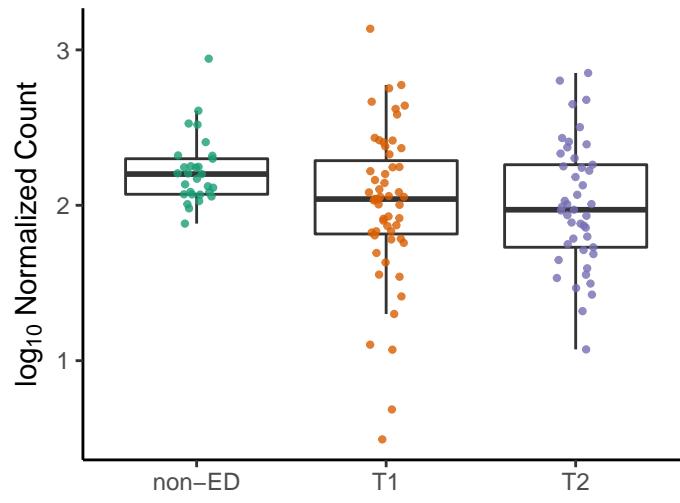
### *Acidipropionibacterium virtanenii*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.85



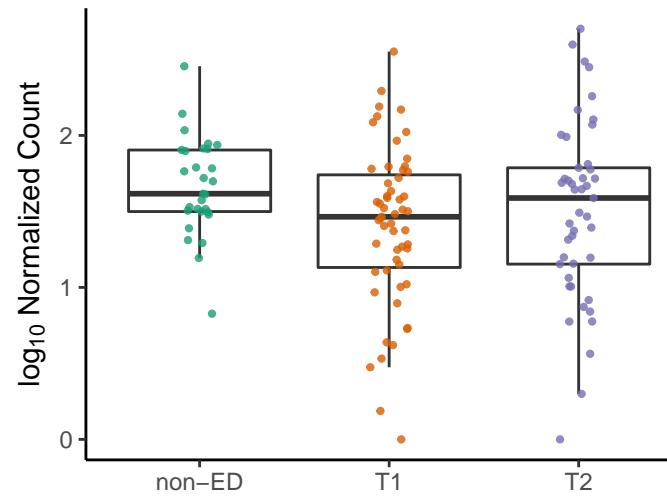
### *Micavibrio aeruginosavorus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.87



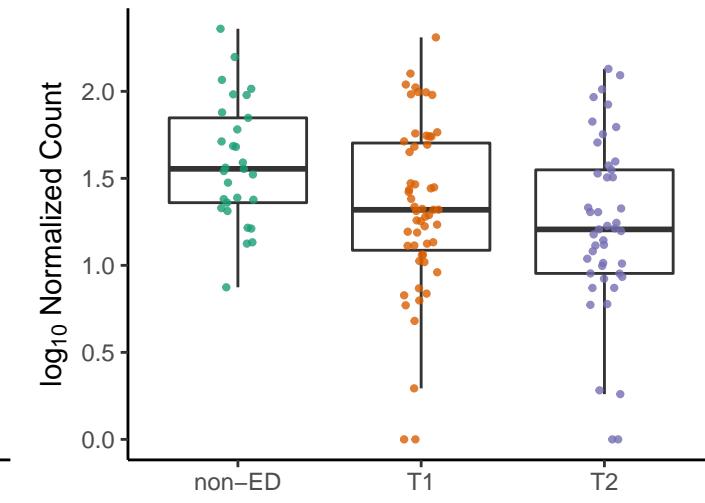
### *Pseudomonas lurida*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



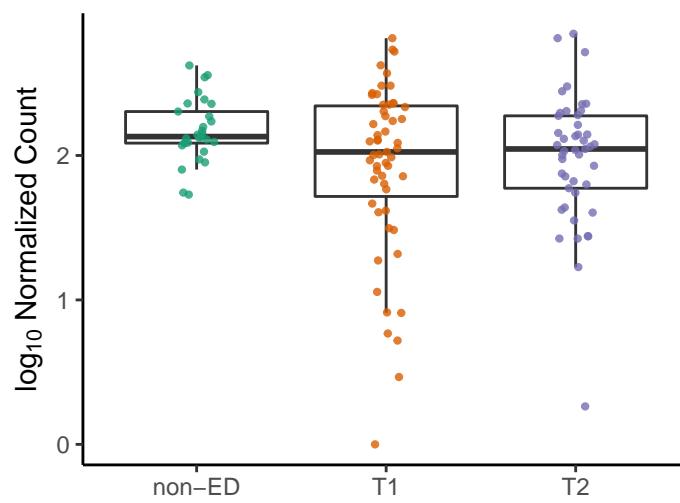
### *Pseudomonas mandelii*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.006  
 T1 vs. T2 adjusted p = 0.87



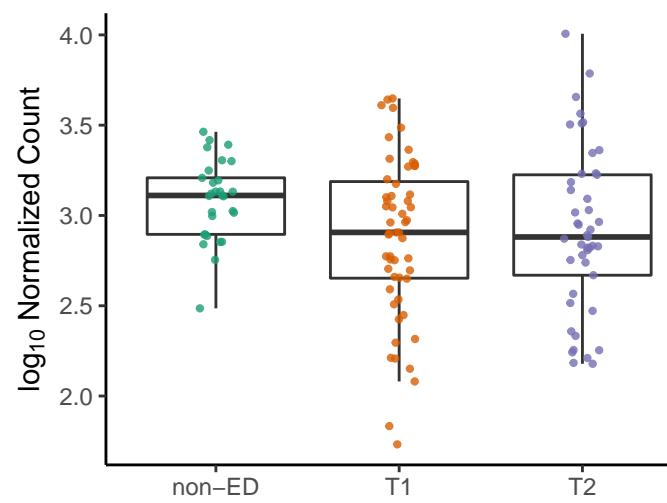
### *Hymenobacter sp. BRD72*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.85



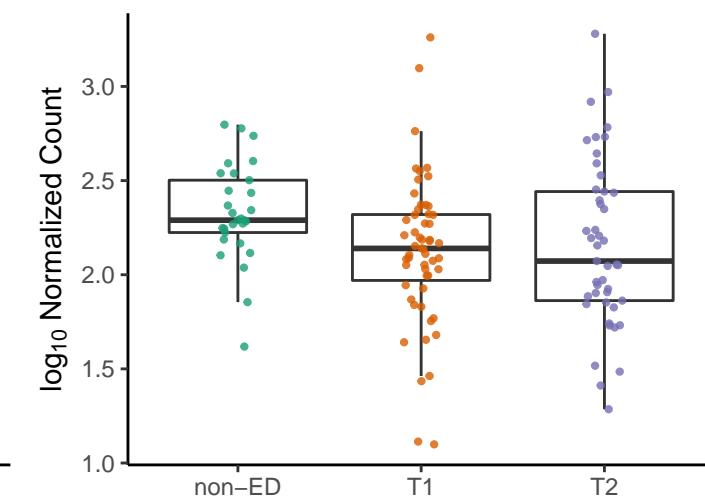
### *Sorangium cellulosum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.86



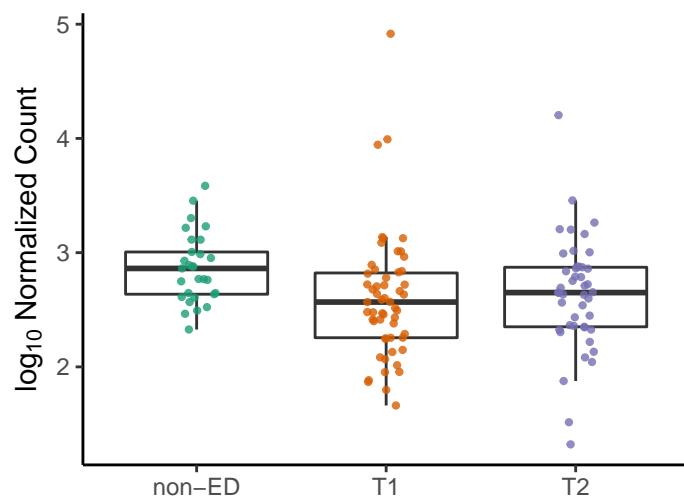
### *Pelobacter carbinolicus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.85



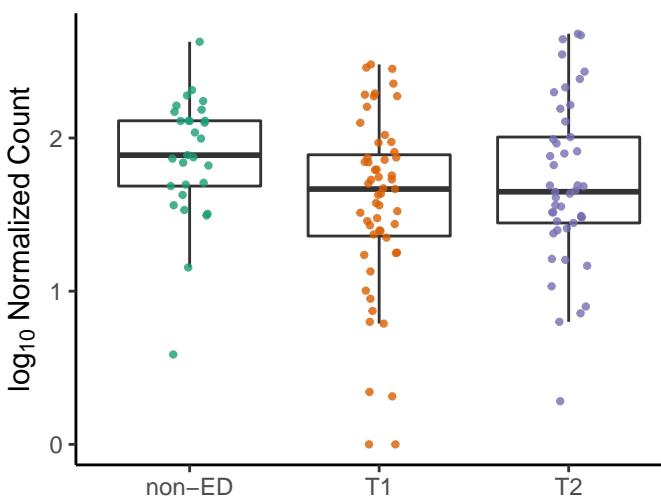
### *Prevotella dentalis*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.87



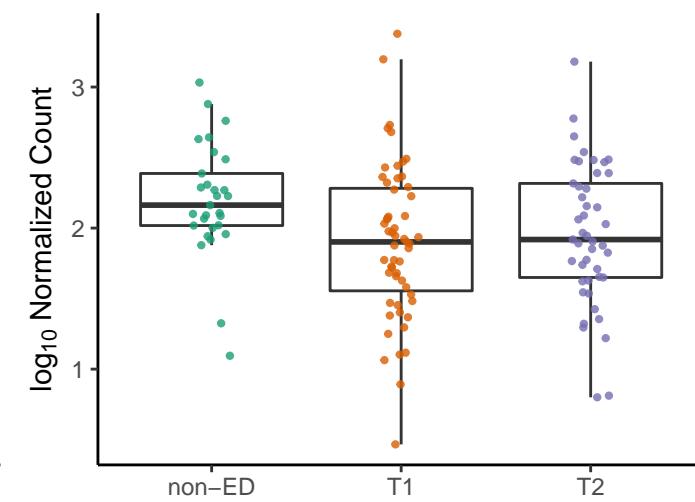
### *Streptomyces fulvissimus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



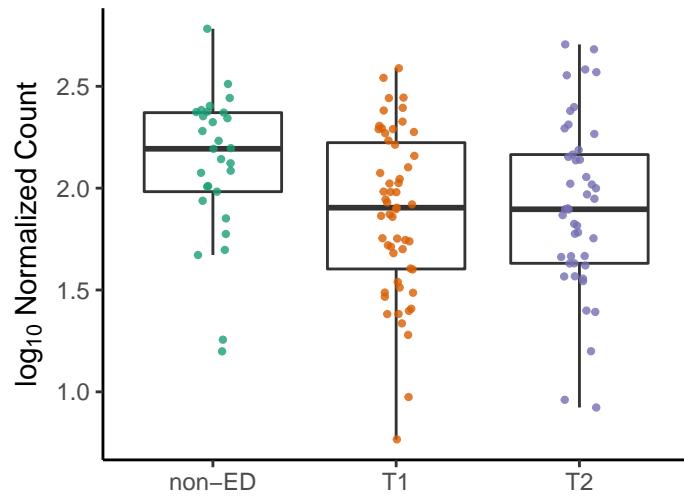
### *Ottowia* sp. oral taxon 894

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



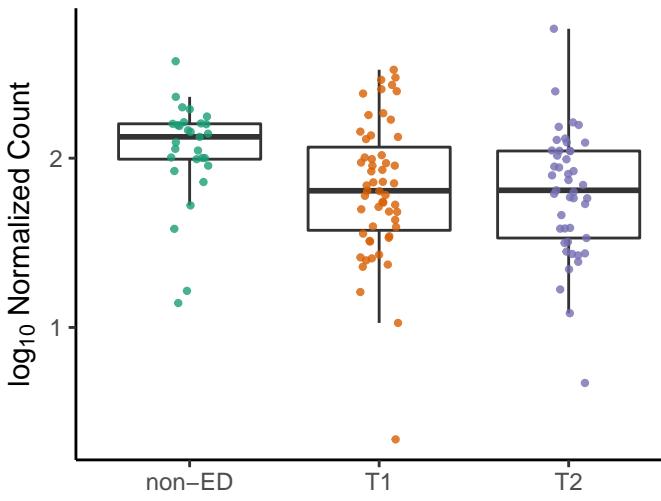
### Unclassified Virgibacillus Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.91



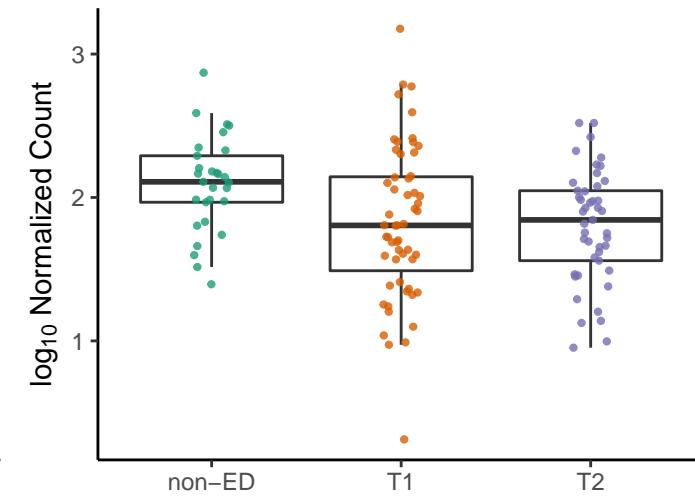
### *Natranaerobius thermophilus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.88



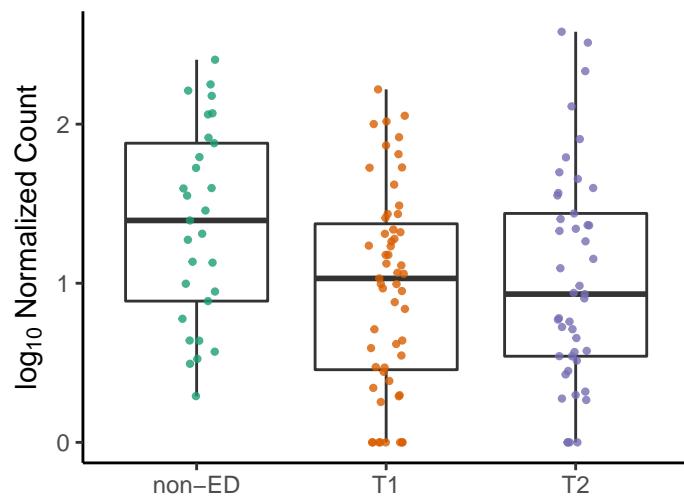
### *Nocardia otitidiscauli* var. *varium*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.98



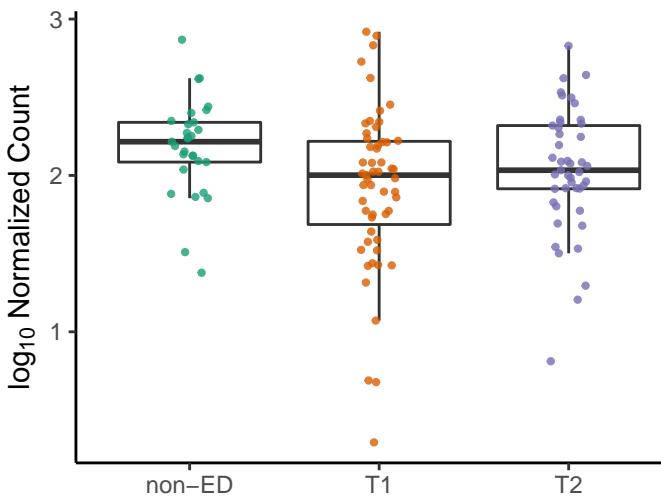
### Unclassified Methyloceanibacter Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.9



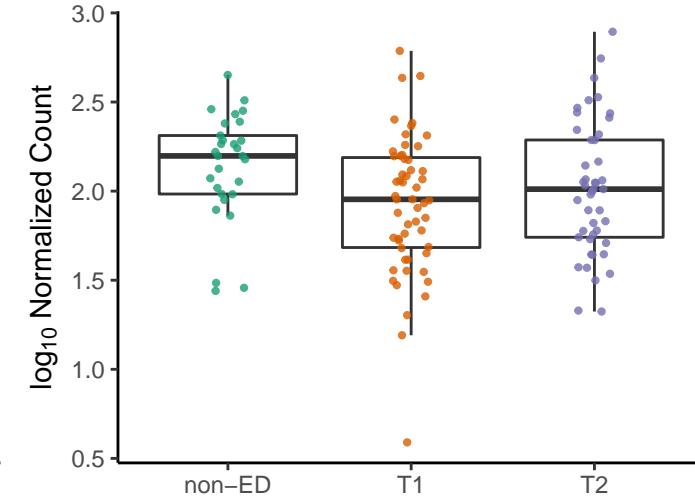
### *Geitlerinema* sp. PCC 7407

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



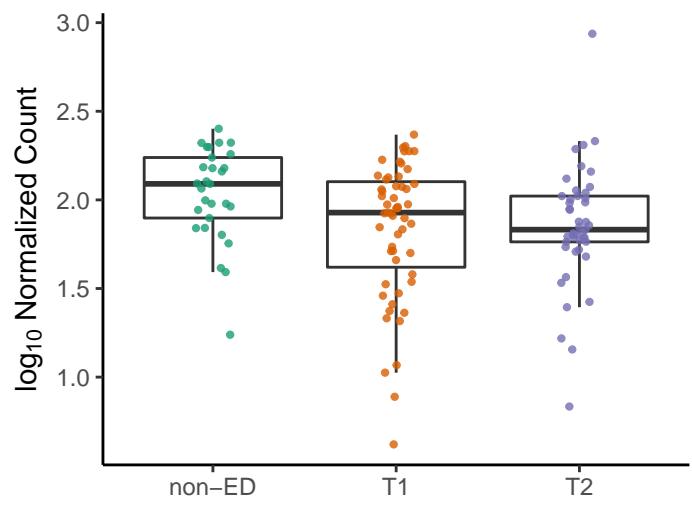
### *Lactobacillus* pontis

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



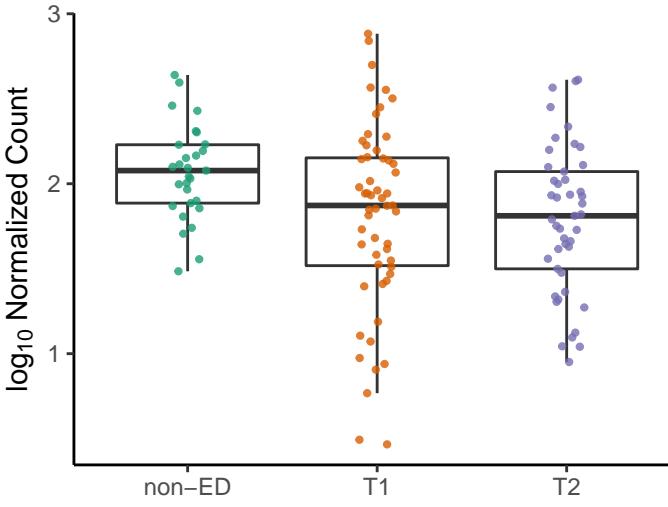
### *Marinobacterium aestuarii*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.94



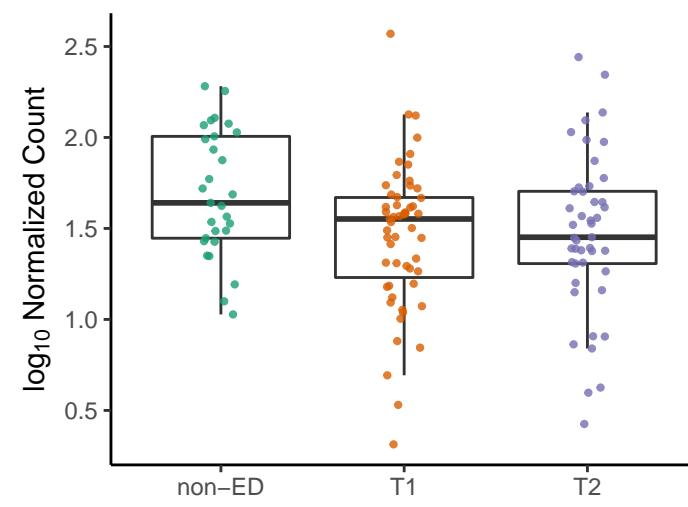
### *Methyllobacterium* sp. 4–46

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.97



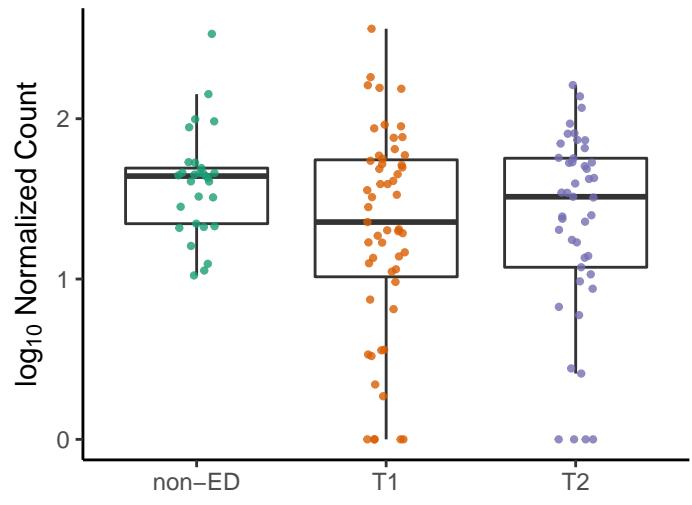
### *Phaeobacter piscinae*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.97



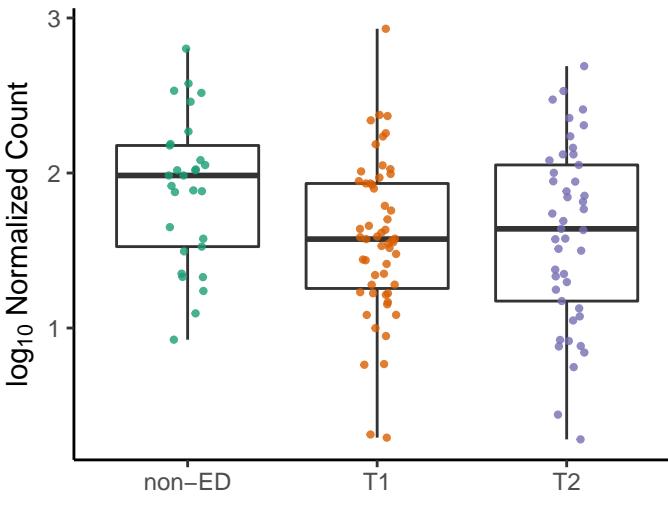
### Unclassified Rhodovulum Genus

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



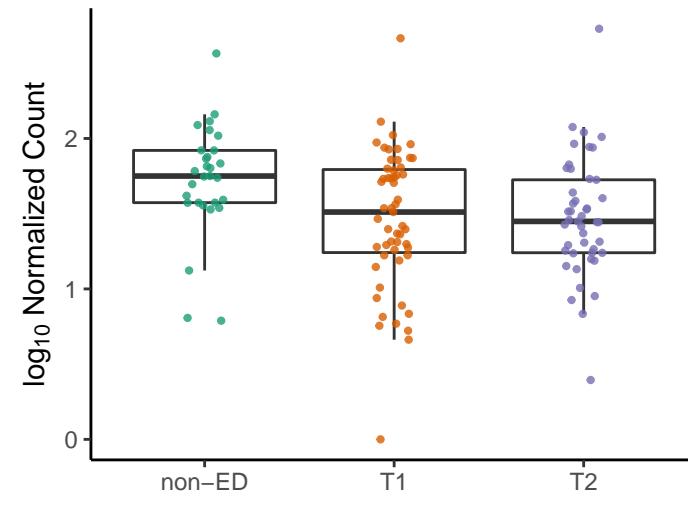
### *Salinigranum rubrum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.87



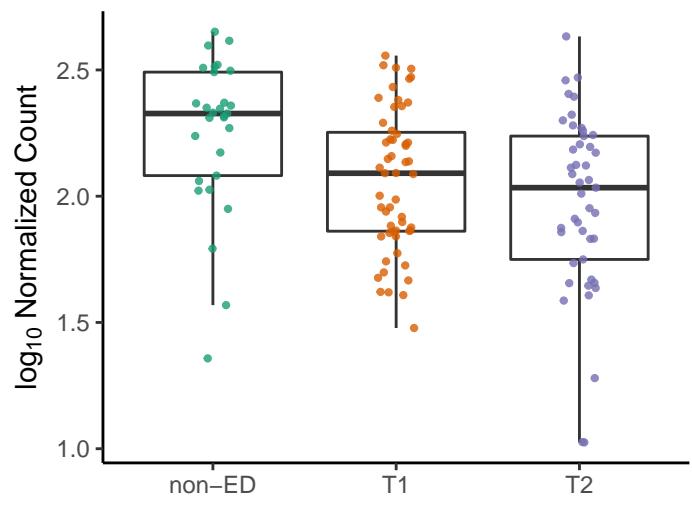
### *Providencia sneebia*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.93



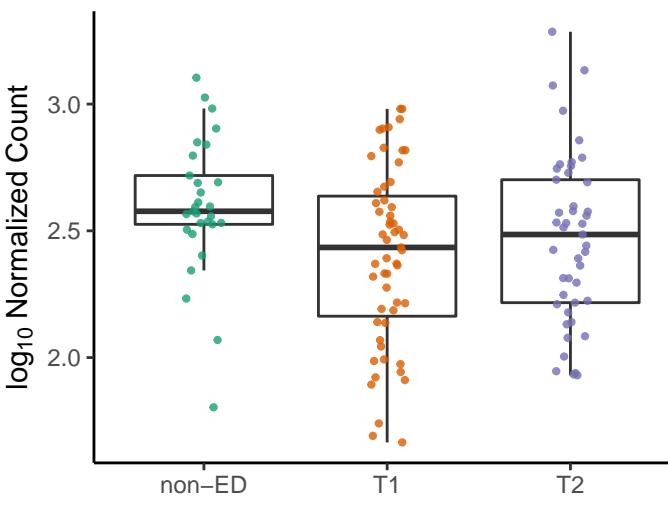
### *Polynucleobacter necessarius*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



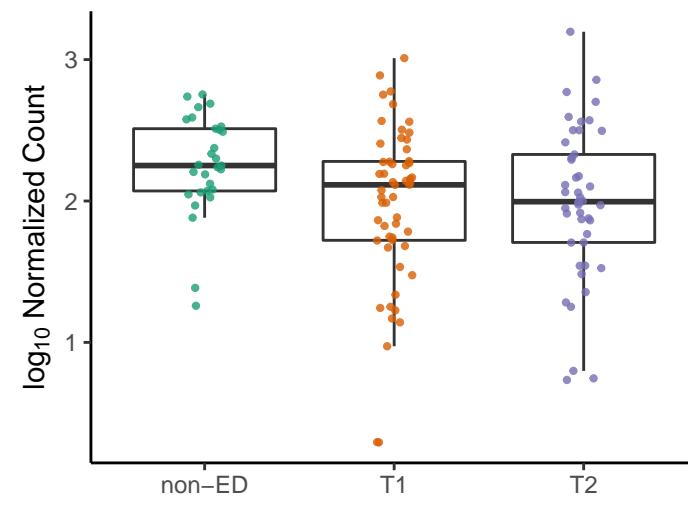
### *Paenibacillus cellulositrophicus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



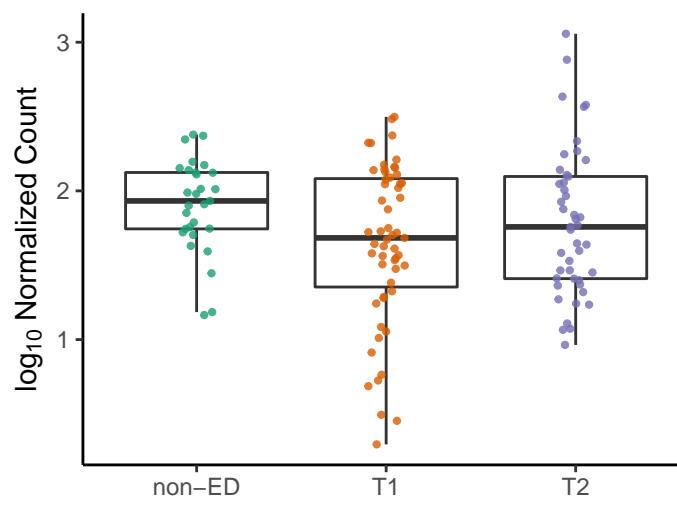
### *Cellulomonas* sp. Y8

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.87



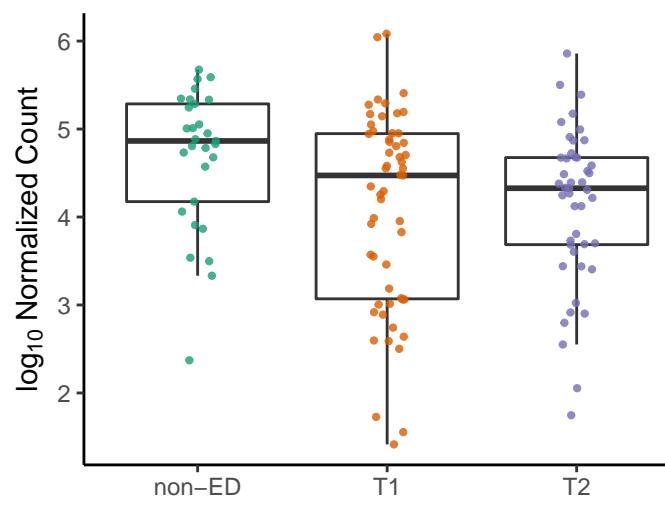
### *Serinicoccus* sp. W204

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



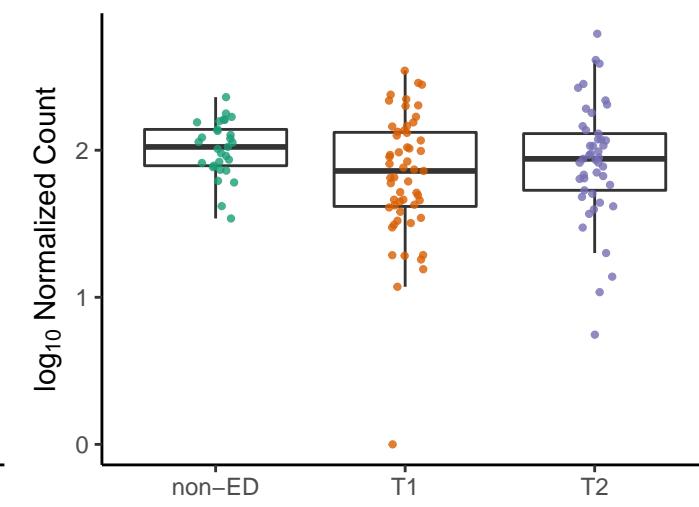
### *Adlercreutzia equolifaciens*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.91



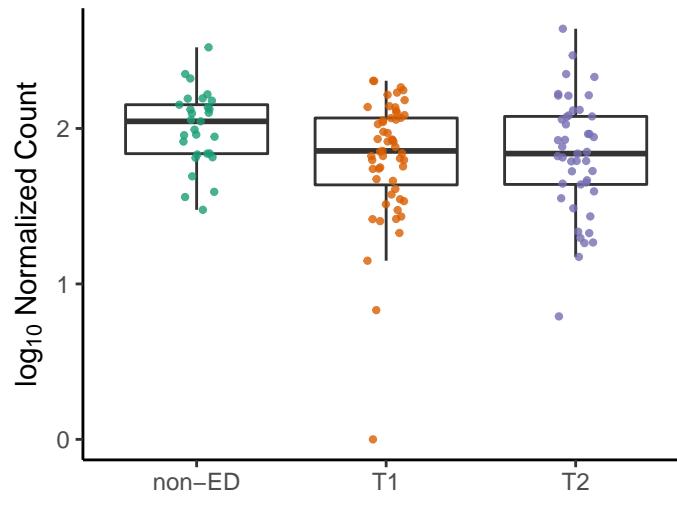
### *Dechloromonas aromatic*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.85



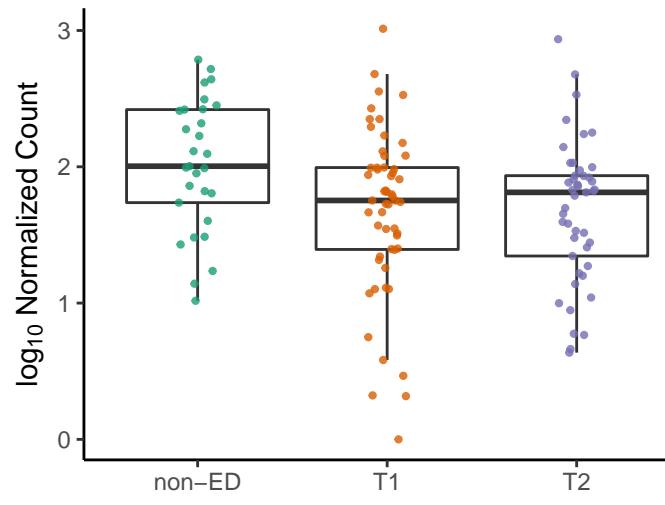
### *Labrenzia* sp. THAF82

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.87



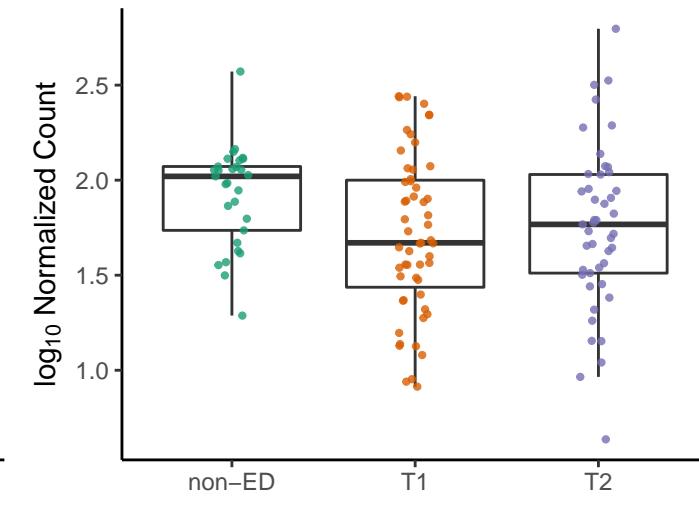
### Unclassified Dermabacter Genus

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.93



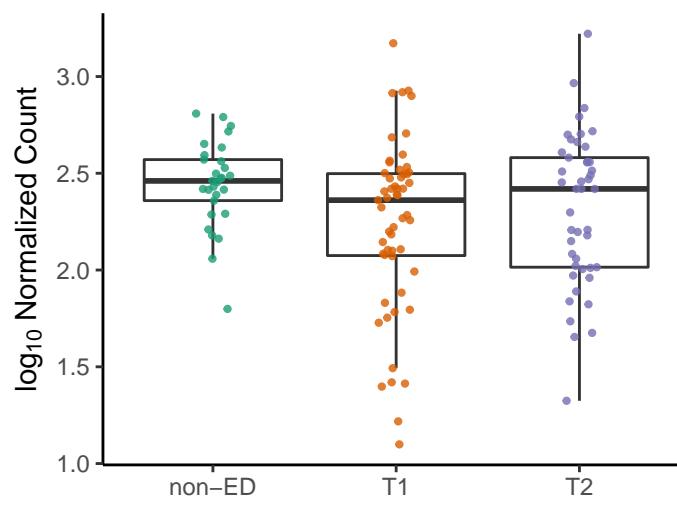
### *Brenneria rubrifaciens*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.85



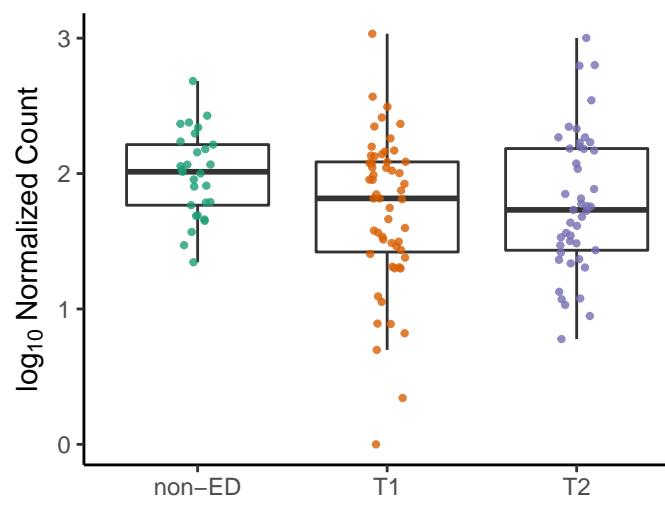
### *Moorella glycerini*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



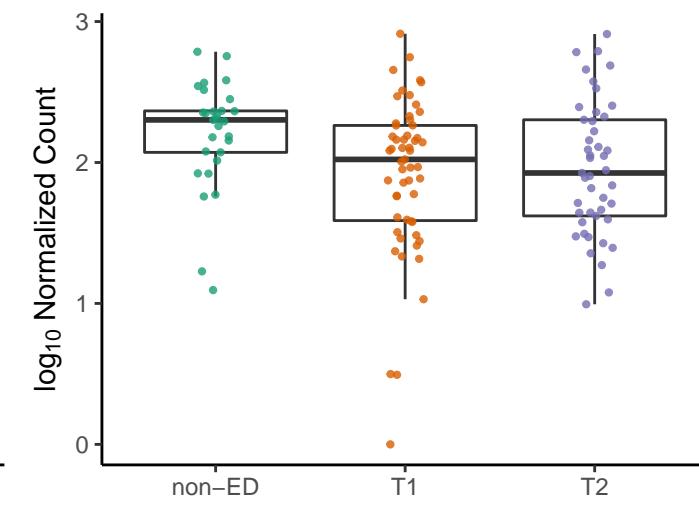
### *Mycolicibacterium gilvum*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.85



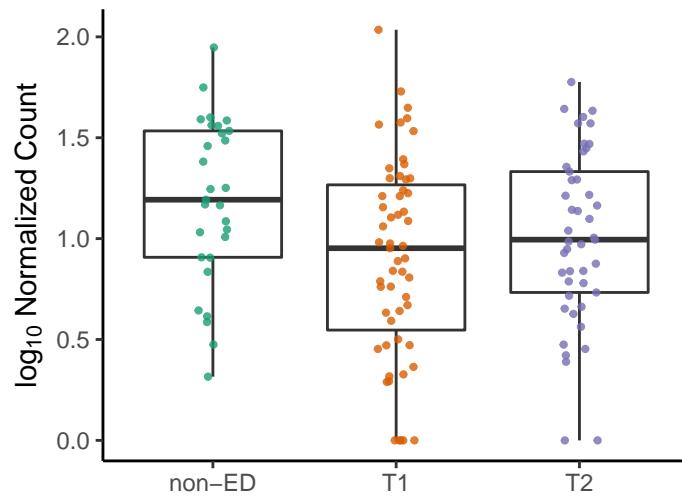
### *Phreatobacter stygius*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



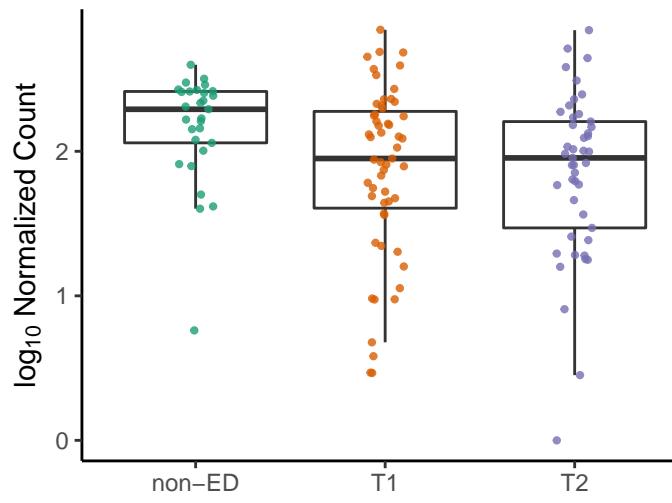
### Planctomycetes bacterium Mal35

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



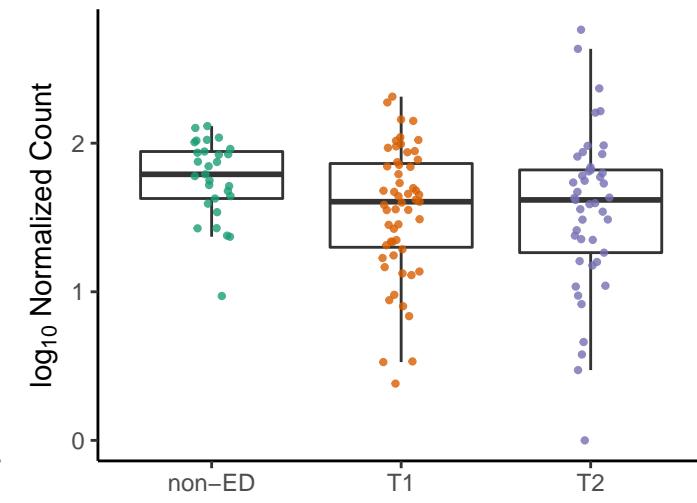
### Unclassified Thermaerobacter Genus

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



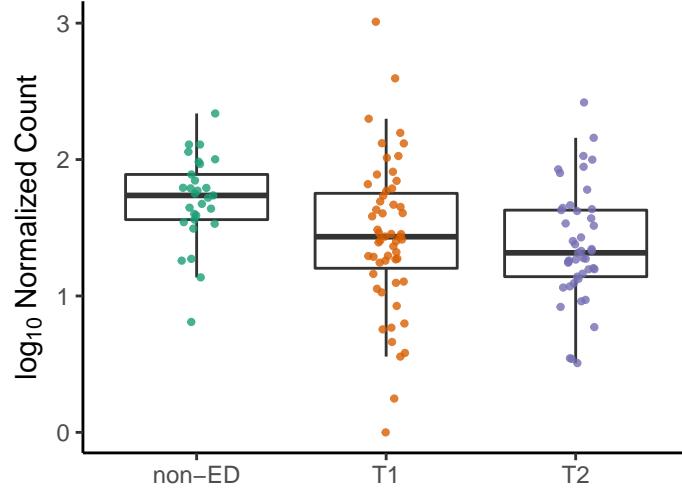
### Calothrix sp. 336/3

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.99



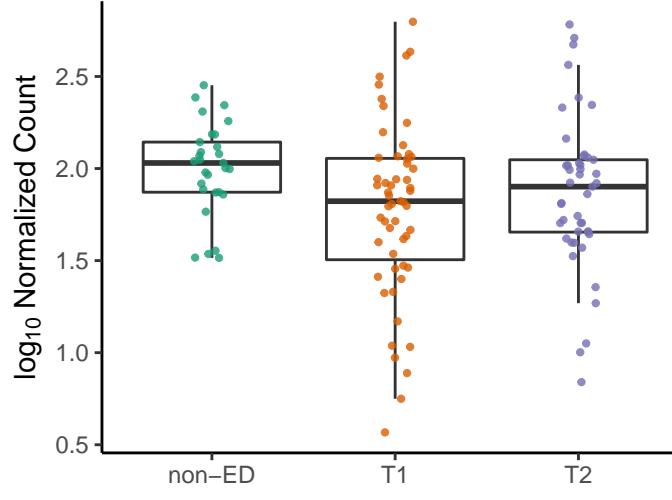
### Thalassotalea sp. PS06

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.87



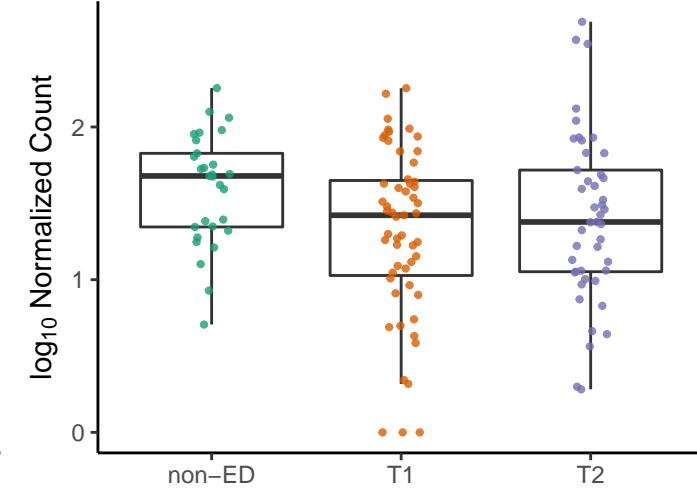
### Sporosarcina sp. PTS2304

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



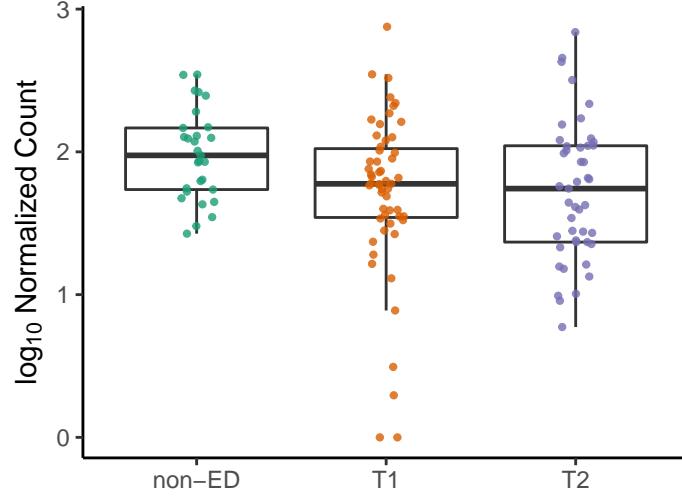
### Plantibacter flavus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



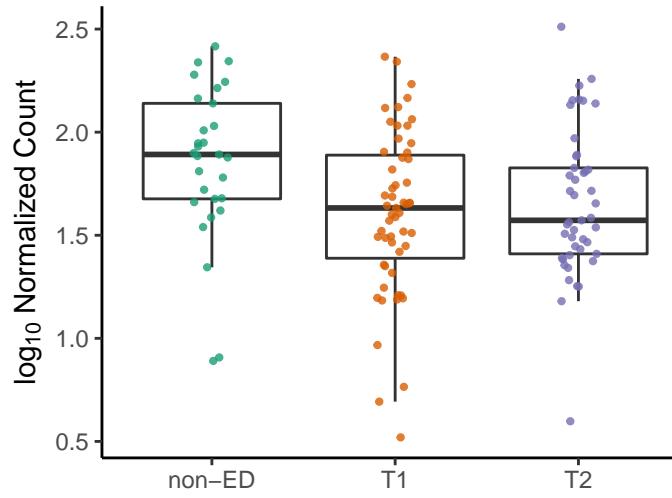
### Isoptericola dokdonensis

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.94



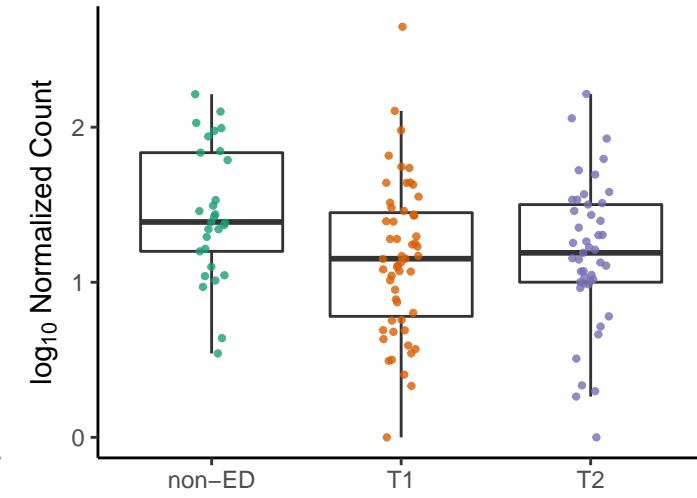
### Parachlamydia acanthamoebae

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.92



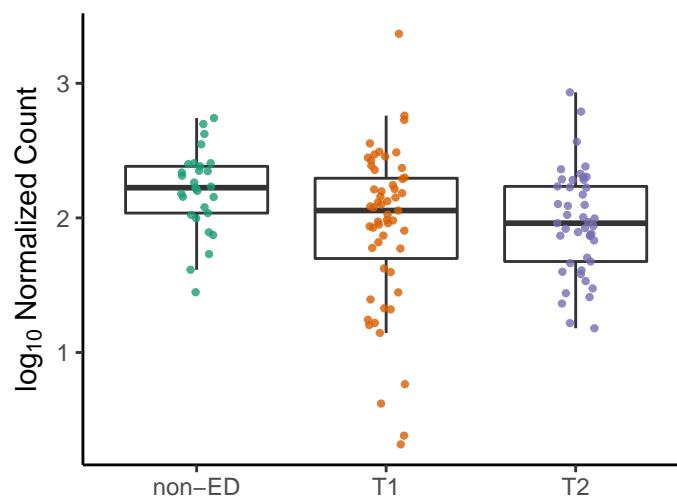
### Rhodoluna lacicola

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.98



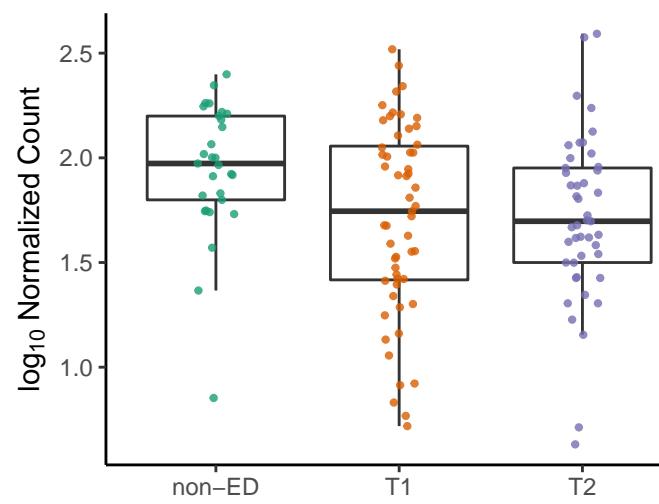
### *Bradyrhizobium* sp. ORS 285

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



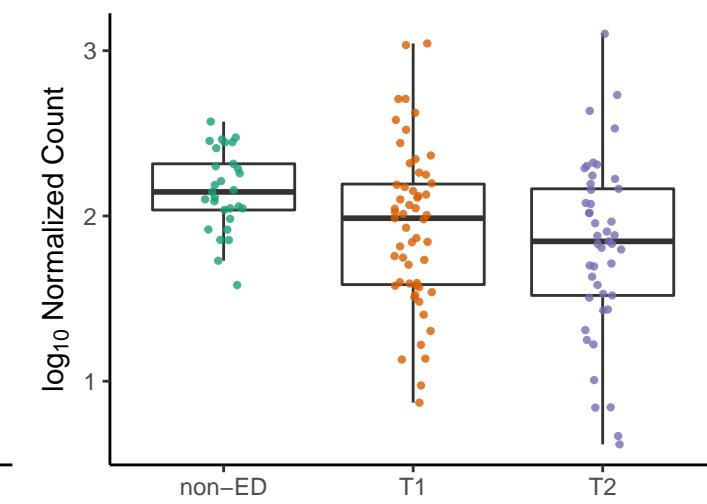
### *Ustilago maydis*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



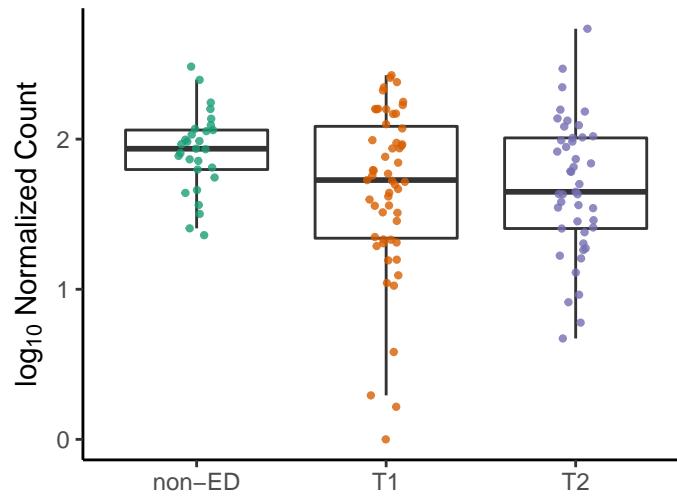
### Unclassified Oxalobacteraceae Family

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.85



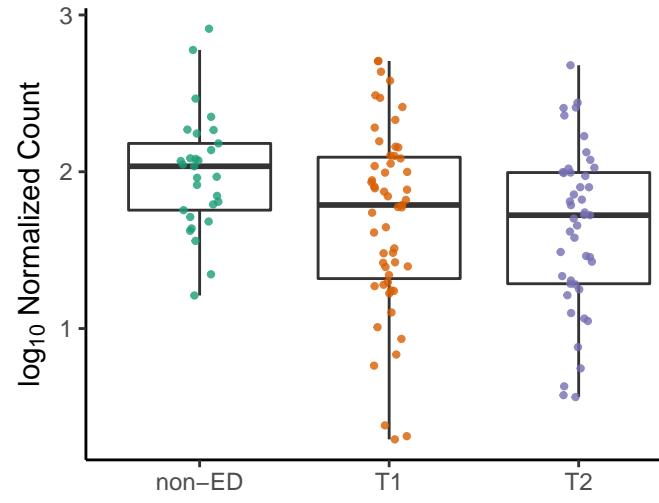
### Unclassified Acetobacteraceae Family

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.93



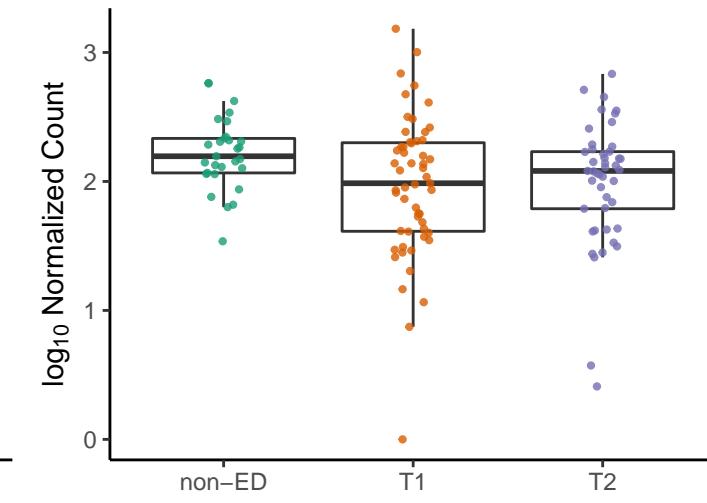
### Unclassified Brachybacterium Genus

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.99



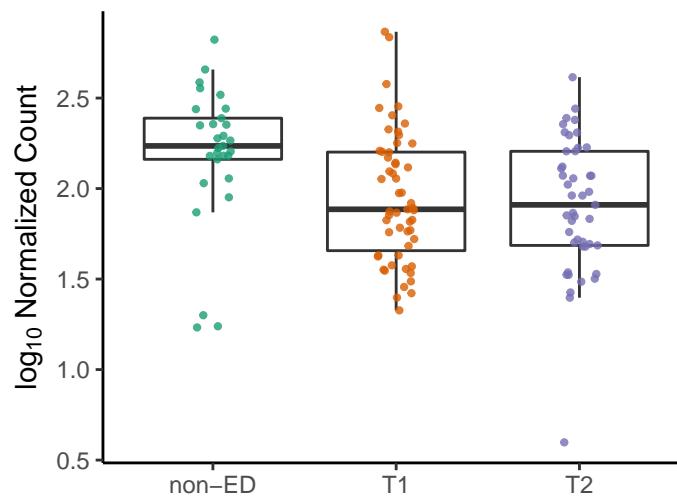
### *Geobacter bemandjiensis*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.85



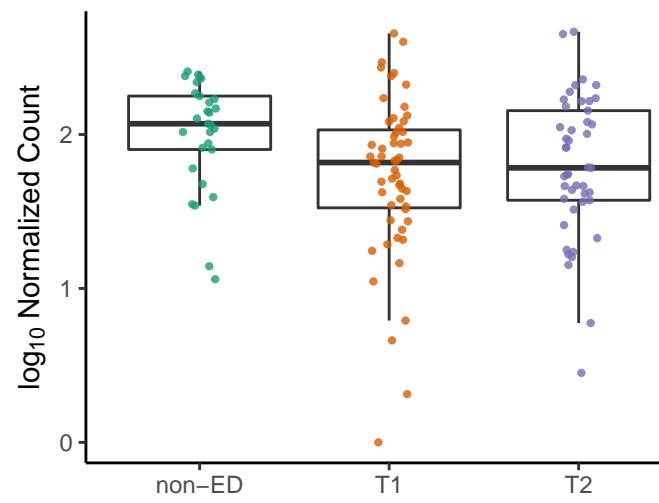
### Unclassified Francisella Genus

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.91



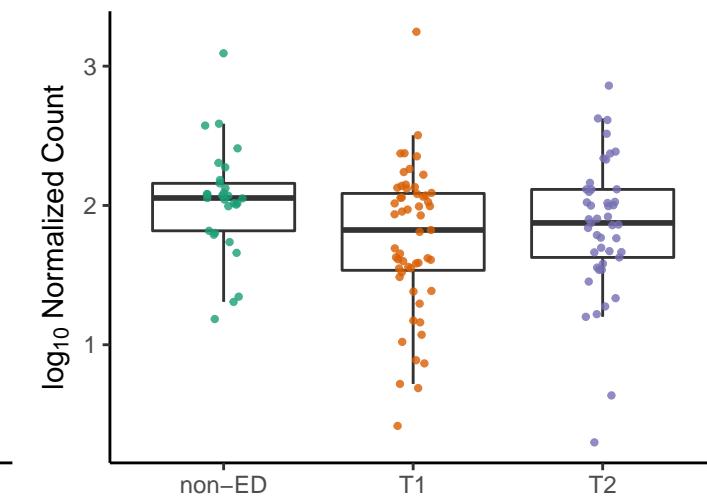
### *Streptomyces tirandamycinicus*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.85

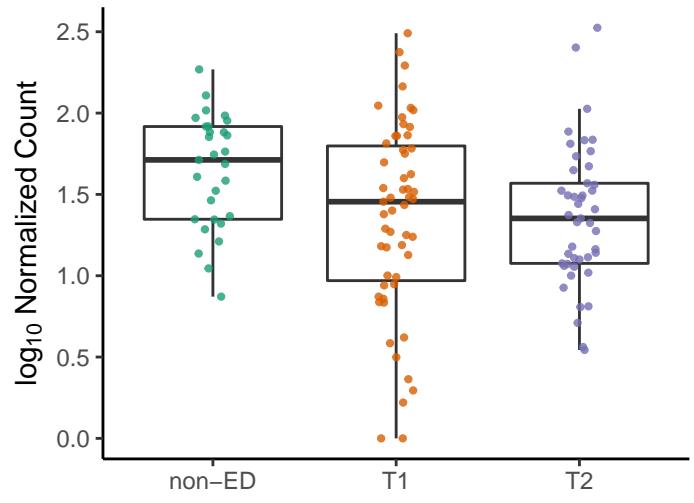


### *Hyphomicrobium* sp. MC1

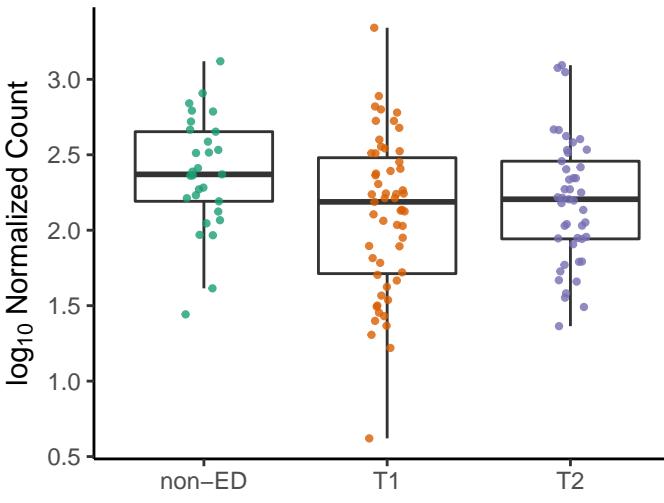
non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



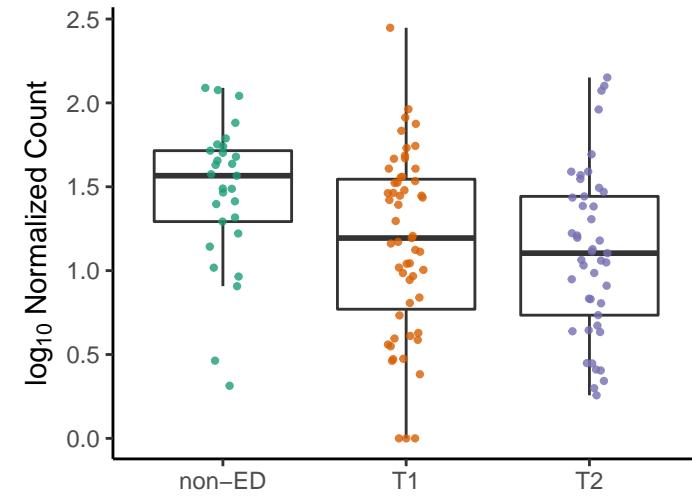
*Altererythrobacter ishigakiensis*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.97



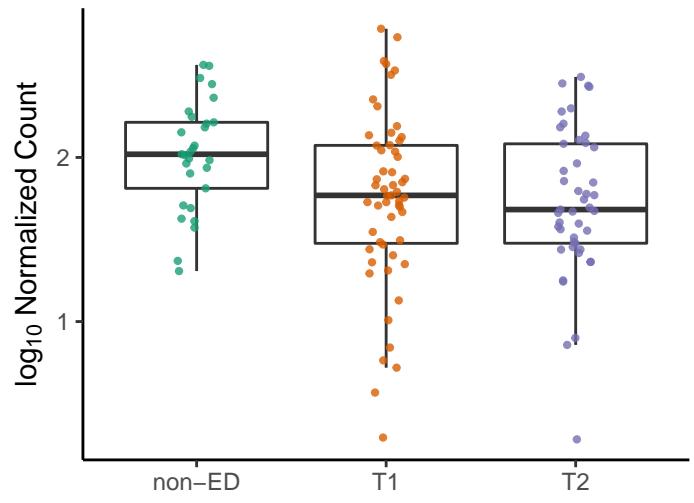
*Plantactinospora* sp. KBS50  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.85



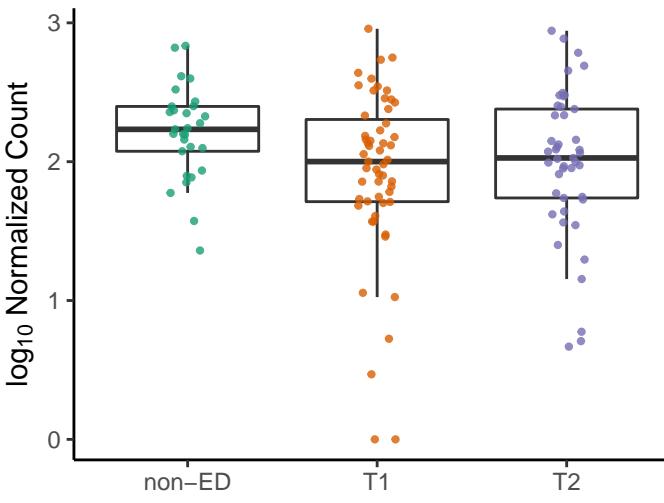
*Candidatus Pantoea carbekii*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.98



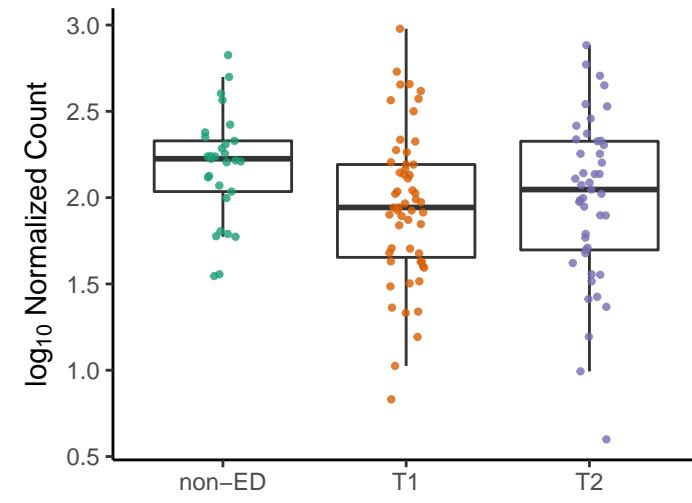
*Lichenhabitans psoromatis*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.98



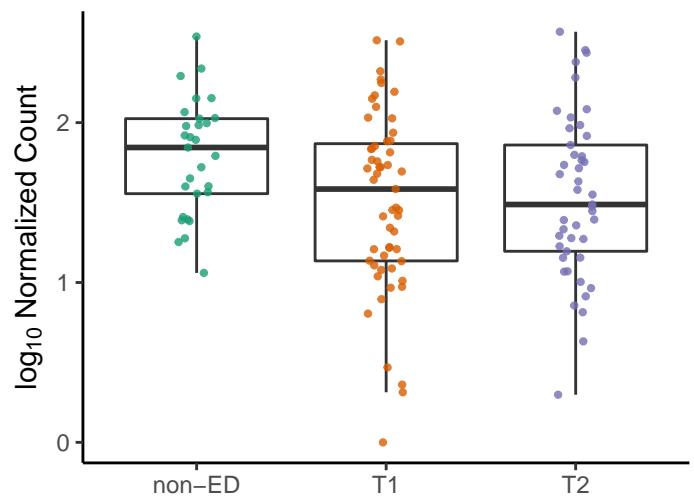
*Streptomyces xinghaiensis*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.85



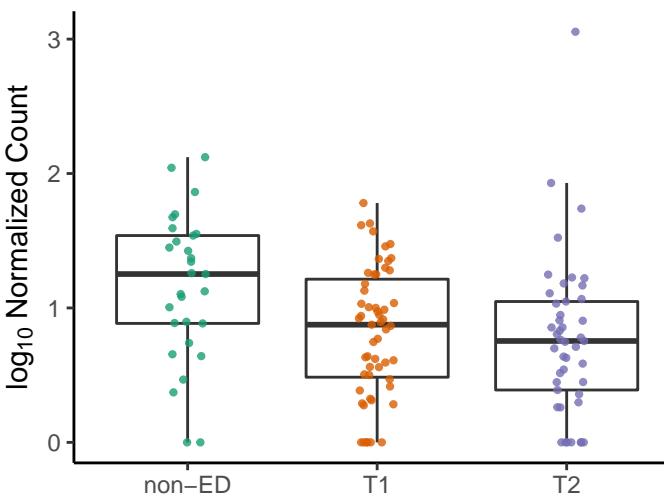
*Streptomyces fungicidicus*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.85



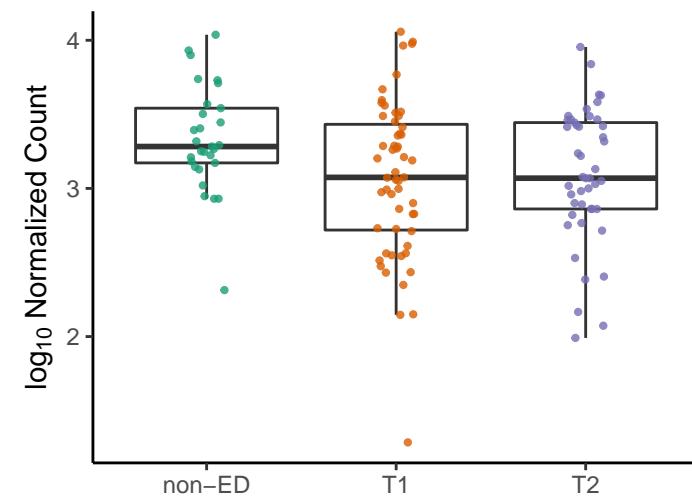
*Agromyces* sp. KACC 19306  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.92



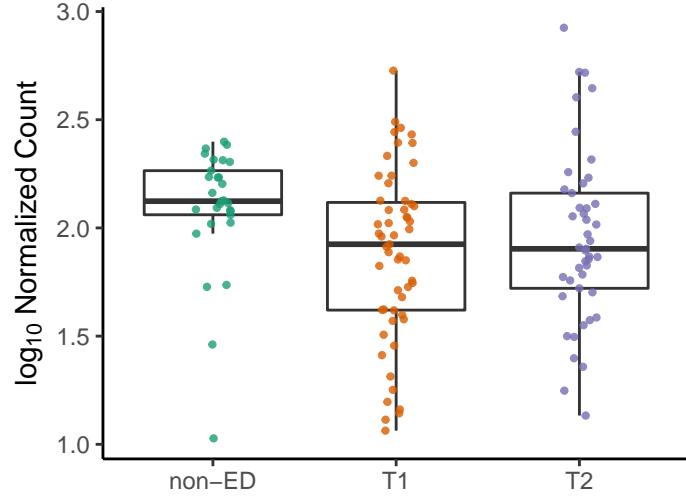
*Wolbachia* endosymbiont of *Folsomia* ca  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



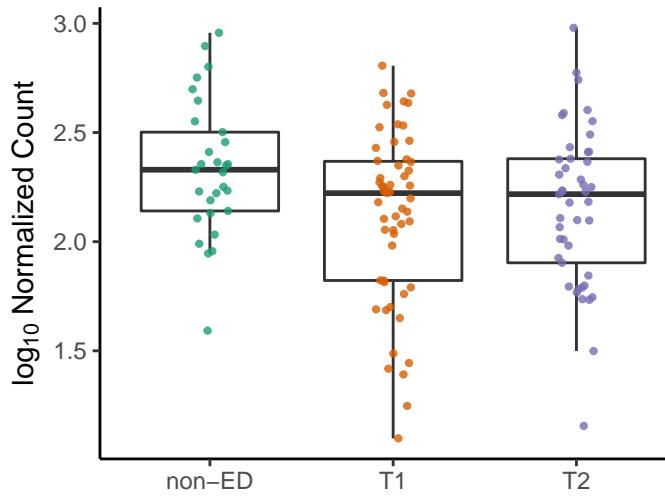
*Slackia heliotrinireducens*  
non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.91



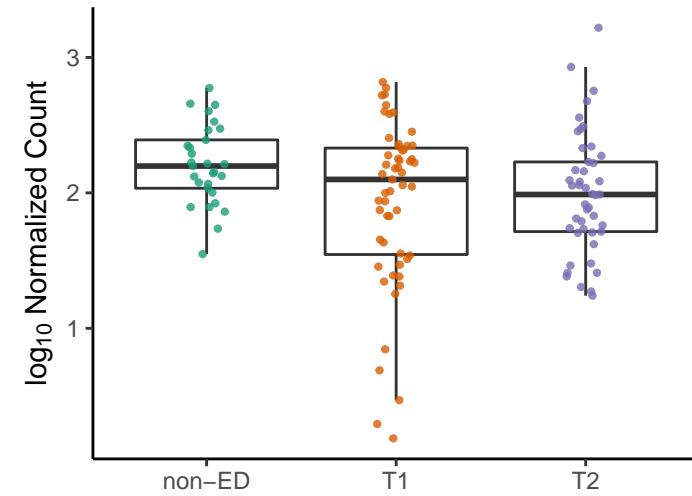
**Carboxydothermus hydrogenoformans**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



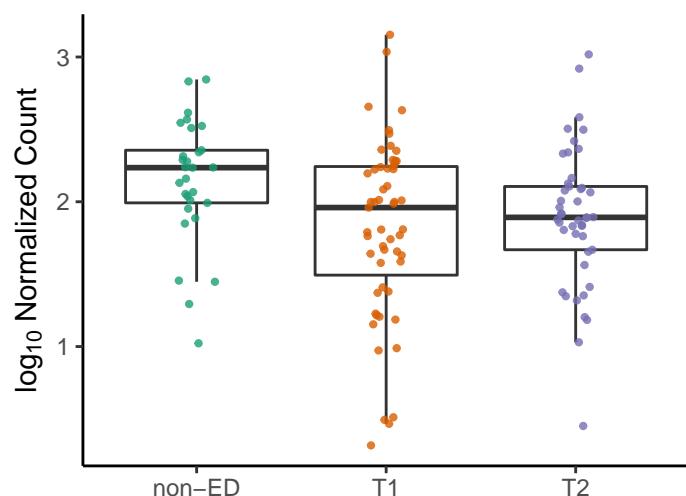
**Desulfovibrio salexigens**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.92



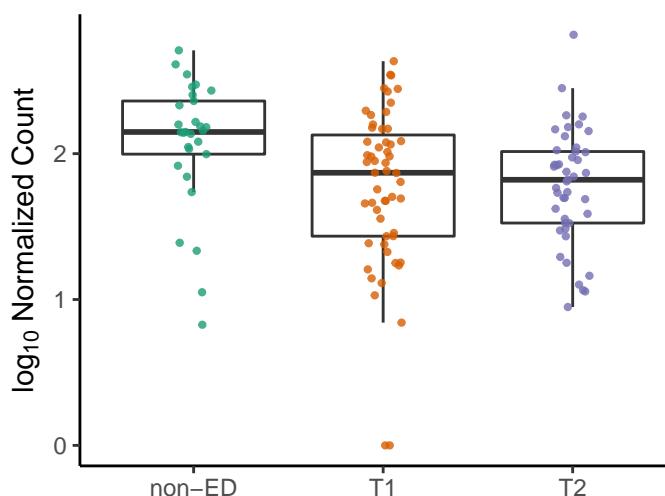
**Micromonospora echinospora**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



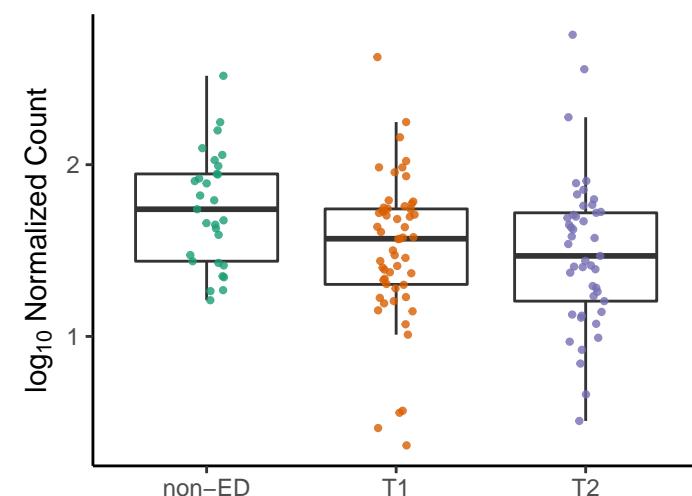
**Actinosynnema pretiosum**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



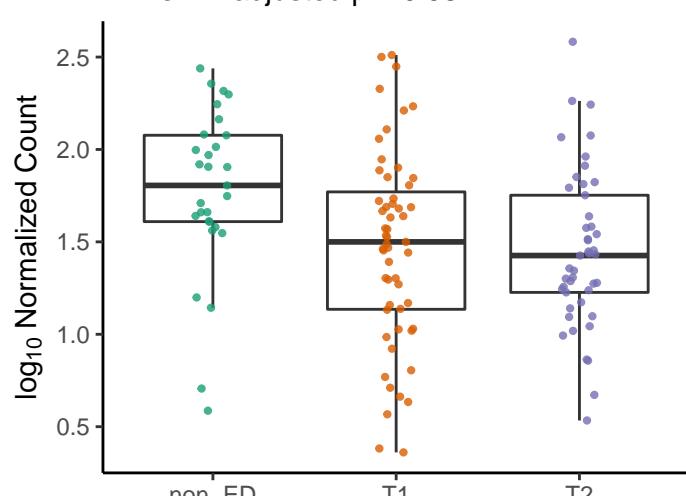
**Arcanobacterium haemolyticum**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.94



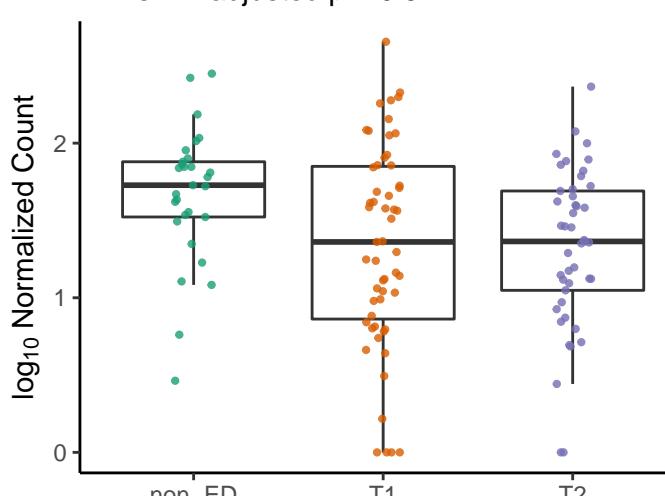
**Elusimicrobium minutum**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



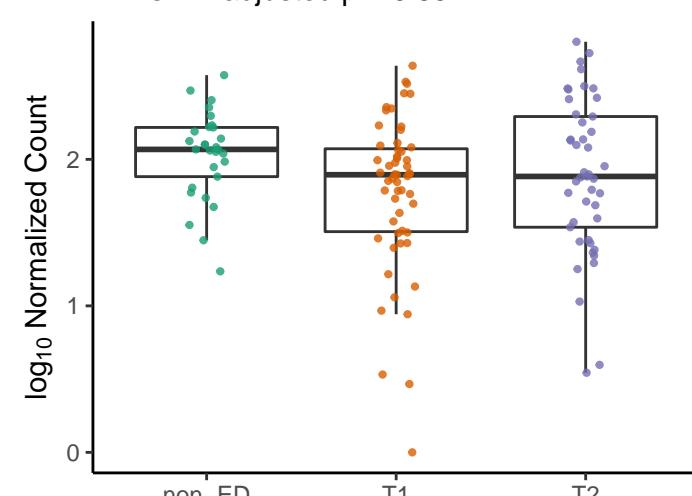
**Vibrio ponticus**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.98



**Unclassified Opitutaceae Family**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.91

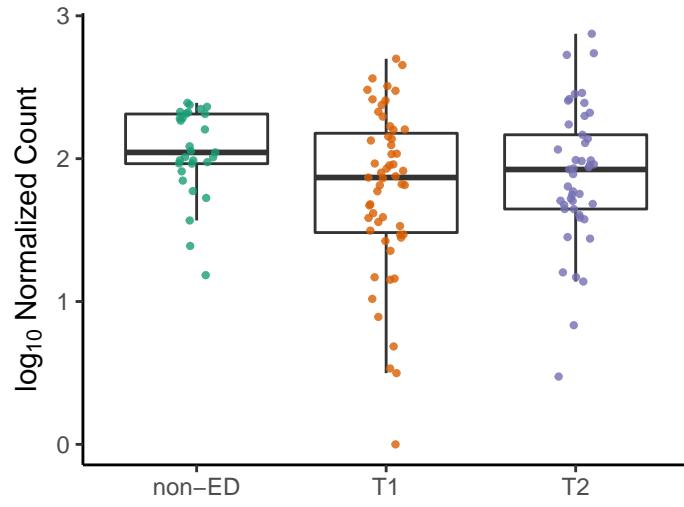


**Bradyrhizobium sp. BTAi1**  
 non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



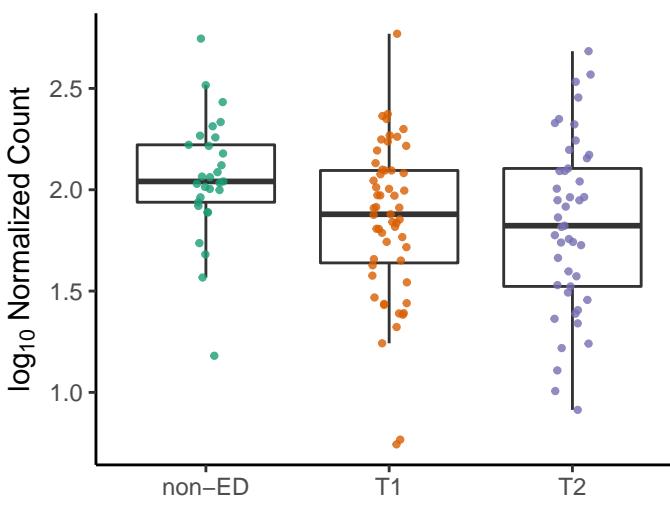
### *Bordetella petrii*

non-ED vs. T1 adjusted p = 0.02  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



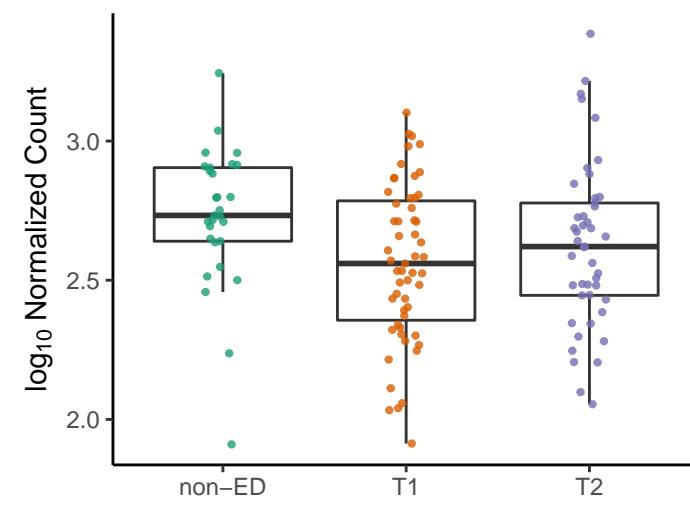
### Unclassified Alteromonadales Order

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.95



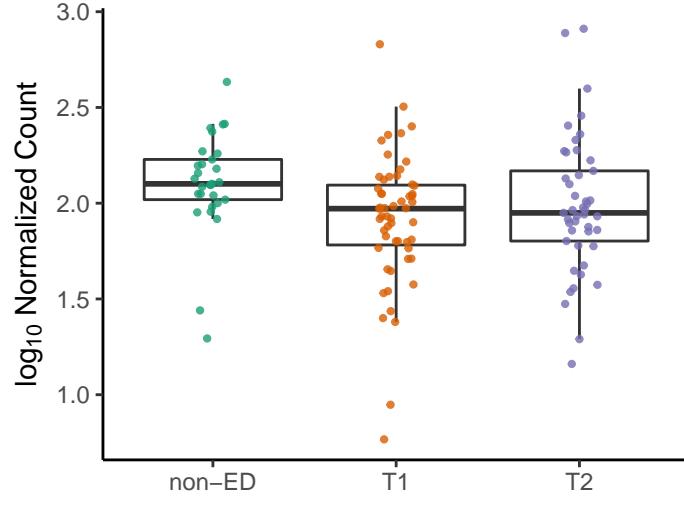
### *Paenibacillus donghaensis*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



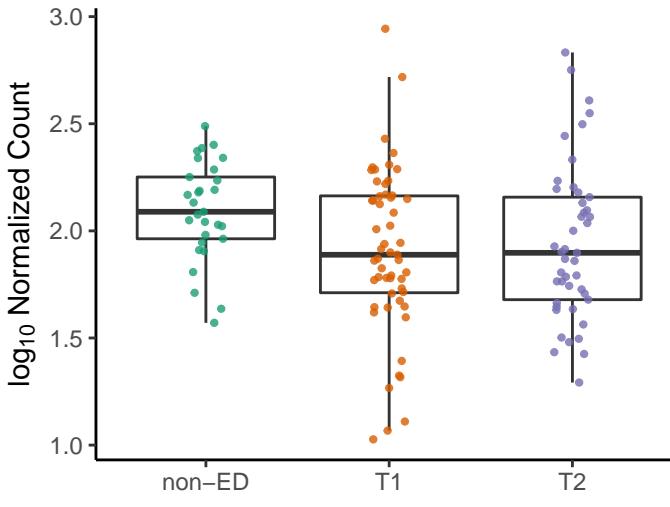
### *Paenibacillus xylanexedens*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



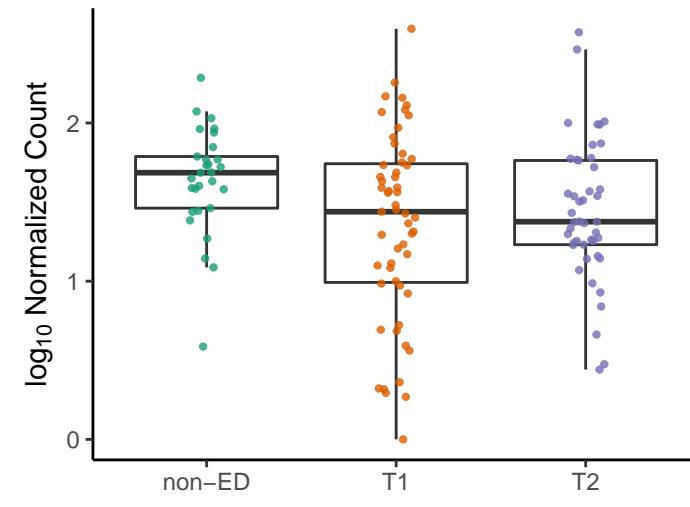
### Unclassified Rahnella Genus

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.85



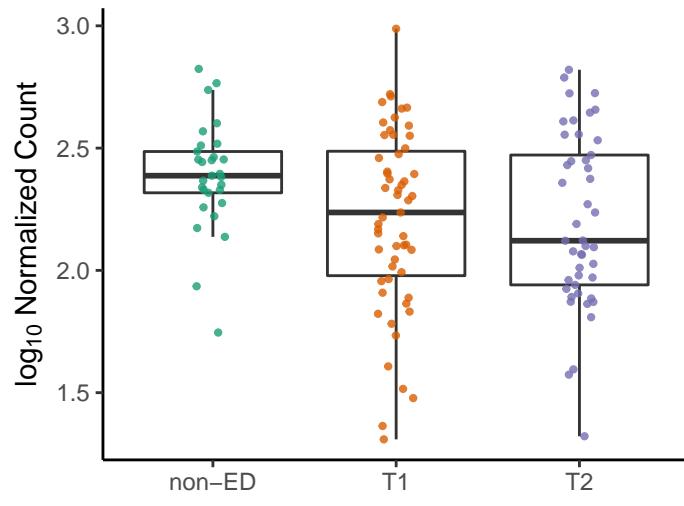
### *Streptomyces* sp. S1D4-11

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.85



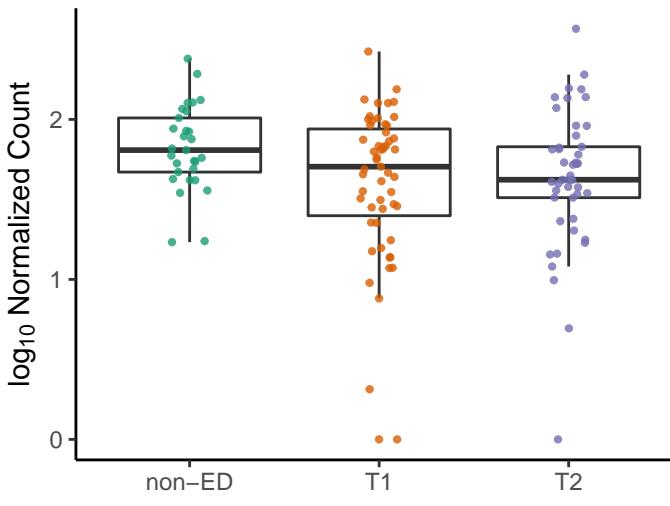
### *Treponema denticola*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.99



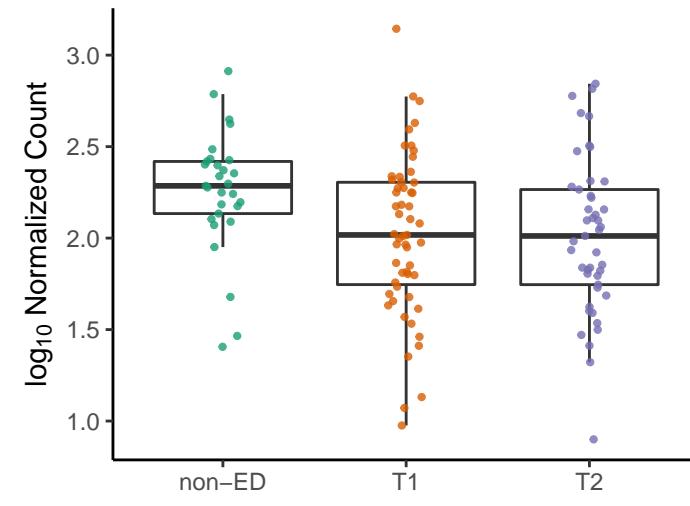
### *Methanocella arvoryzae*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.85



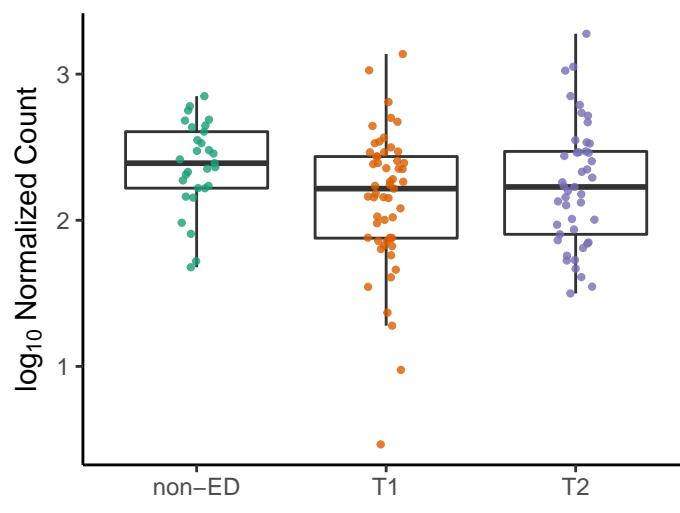
### *Gluconobacter oxydans*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.95



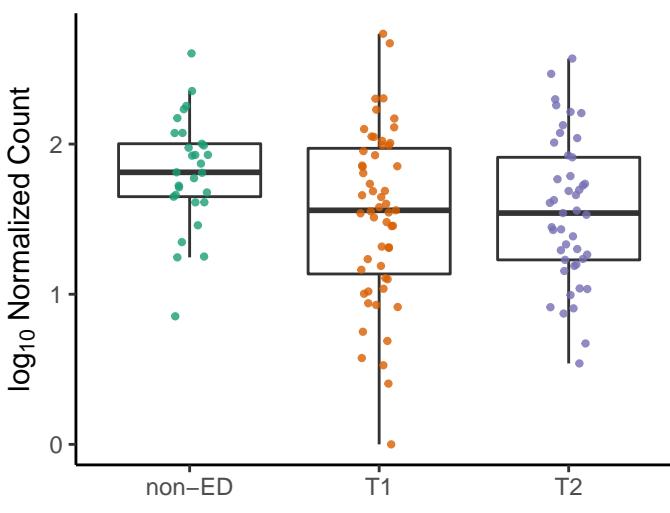
### Unclassified Bradymonadales Order

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85



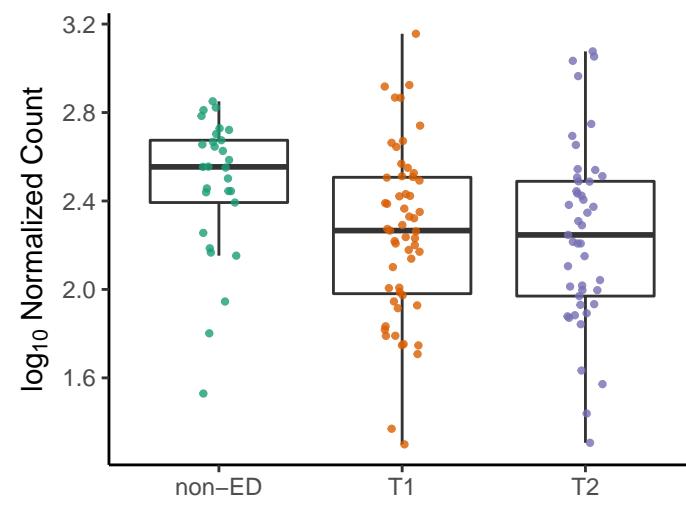
### Unclassified Thermoanaerobacterales O

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 1



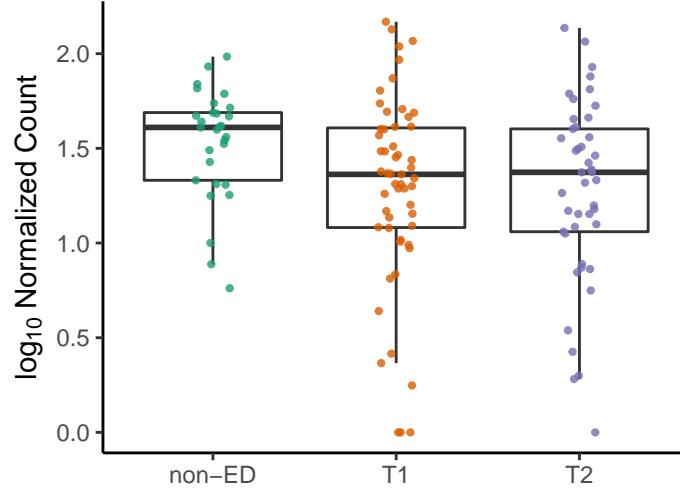
### Halocella sp. SP3-1

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.98



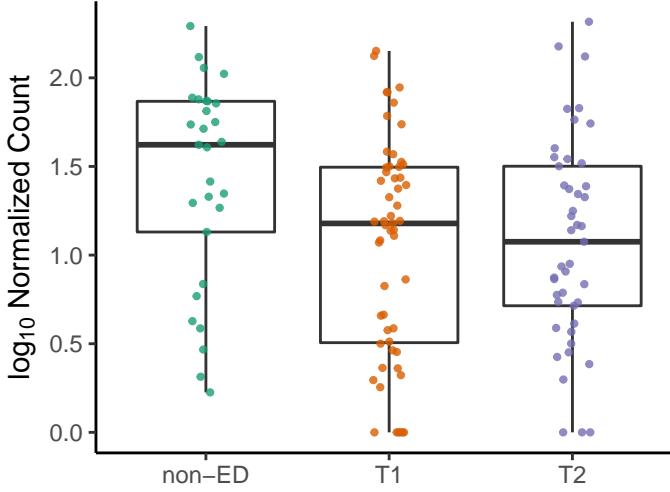
### Halodesulfurarchaeum formicicum

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 1



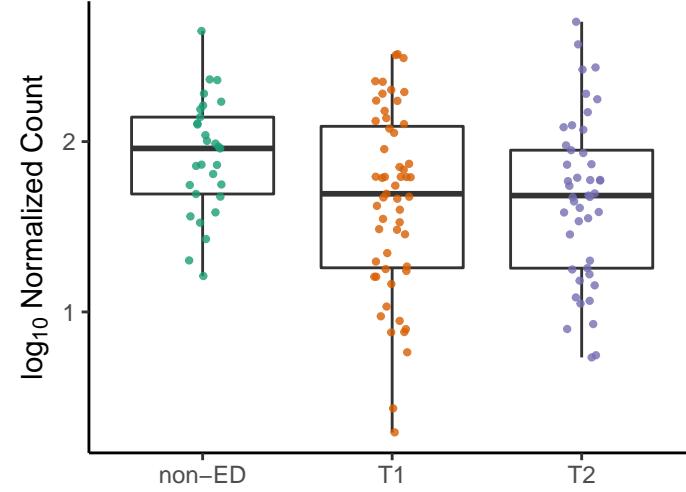
### Aeromonas sp. ASNIH4

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.97



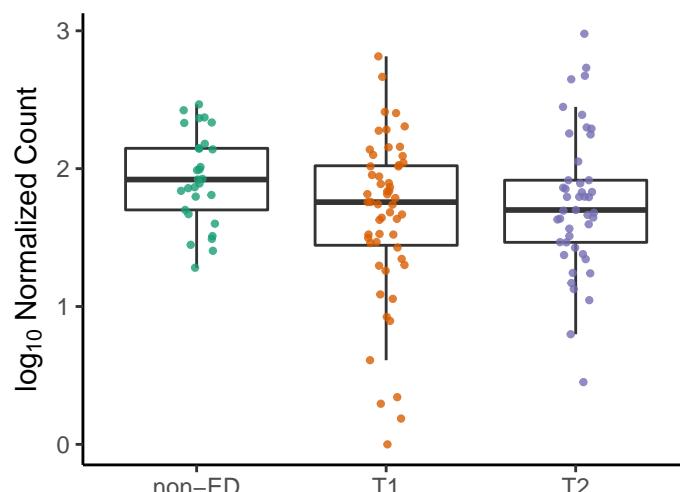
### Saccharomonospora glauca

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.98



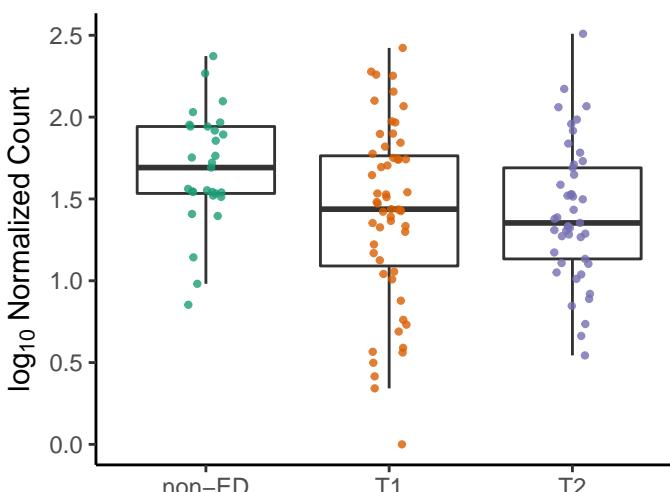
### Streptomyces alboniger

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



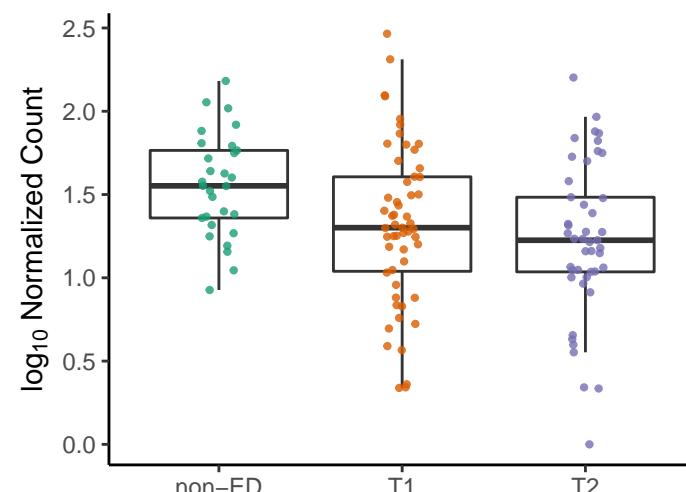
### Oceanicoccus sagamiensis

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.98



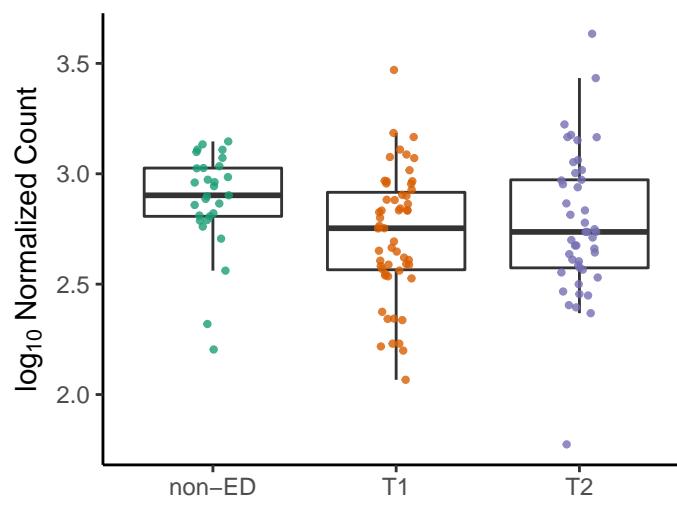
### Pseudothermotoga thermarum

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.85



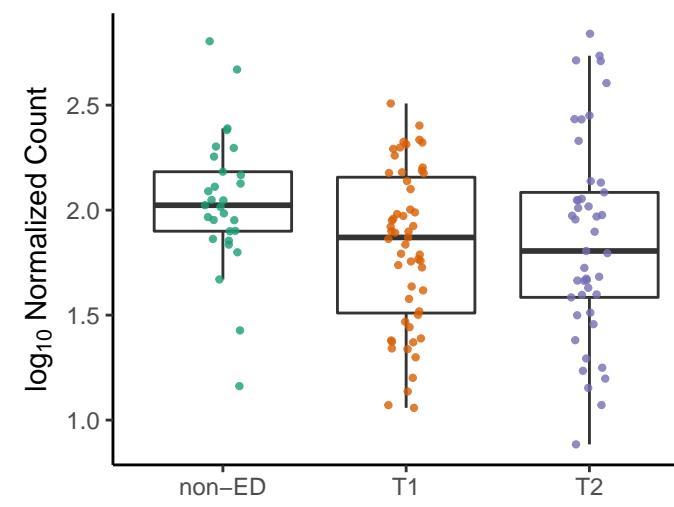
### Unclassified Vibrio Genus

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



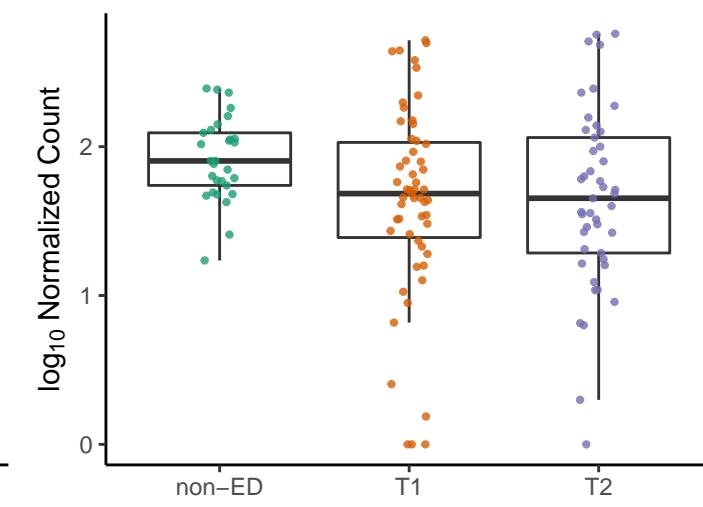
### Unclassified Thermoanaerobacterium C

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.91



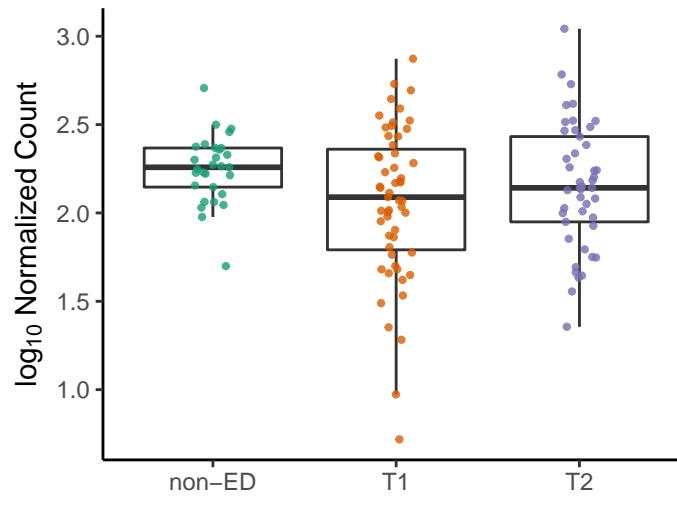
### Porphyrobacter sp. CACIAM 03H1

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.91



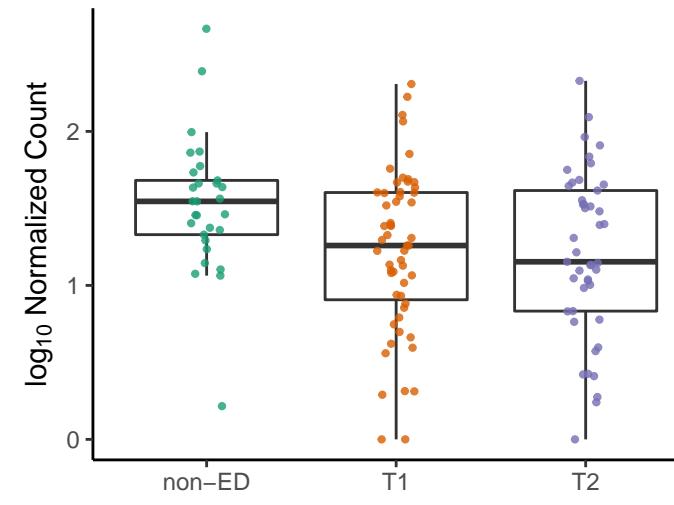
### Kiritimatiellaeota bacterium S-5007

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.85



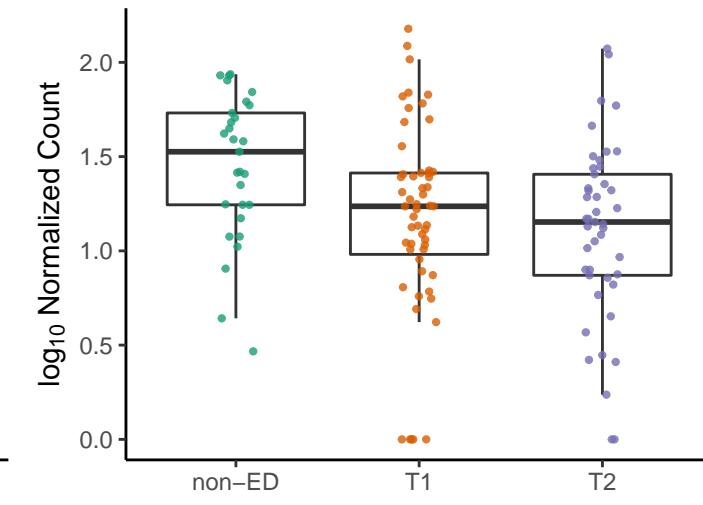
### Marivivens sp. JLT3646

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.95



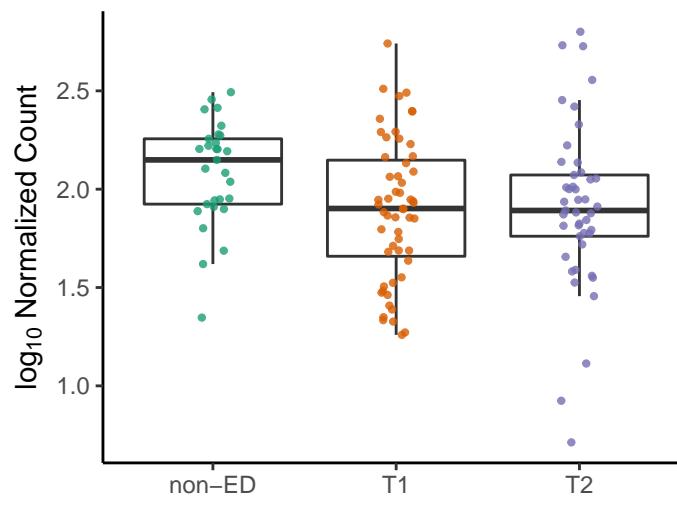
### Mycoplasma hyopneumoniae

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0097  
T1 vs. T2 adjusted p = 0.91



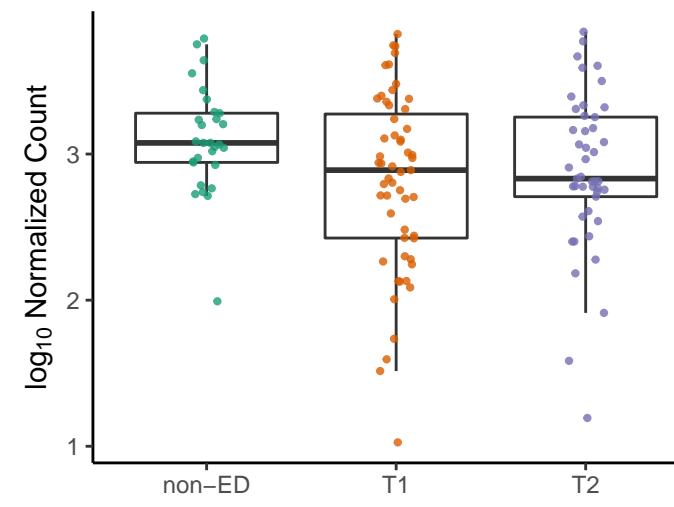
### Zymomonas mobilis

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.97



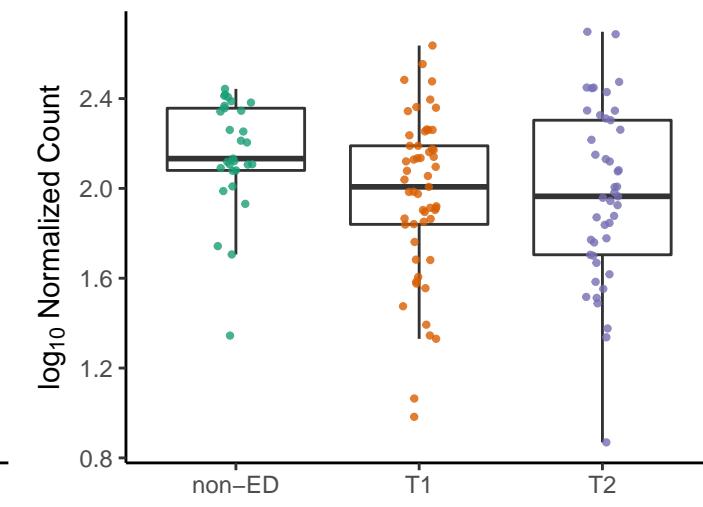
### Coriobacteriaceae bacterium 68-1-3

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.86



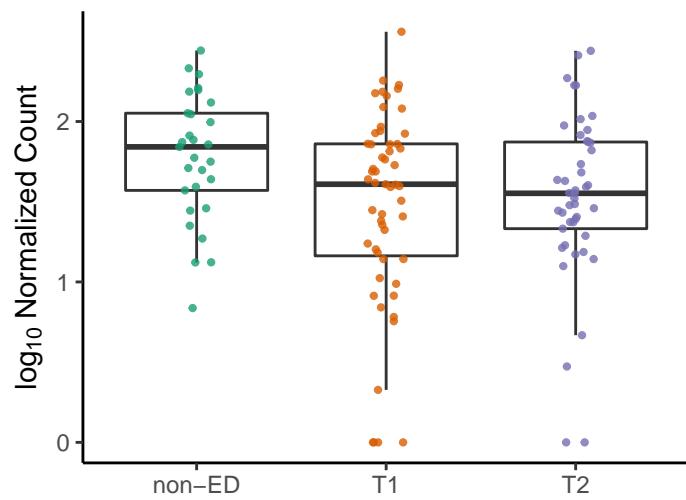
### Marinobacter salarius

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.98



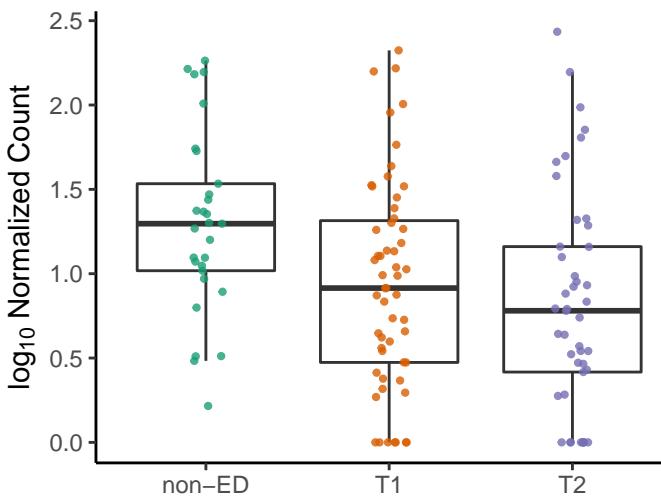
### Mesorhizobium sp. AA22

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.87



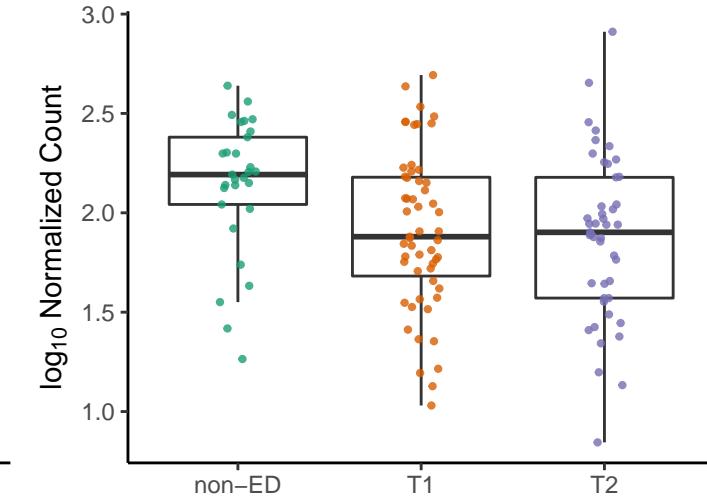
### Aeromonas sp. ASNIH5

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.9



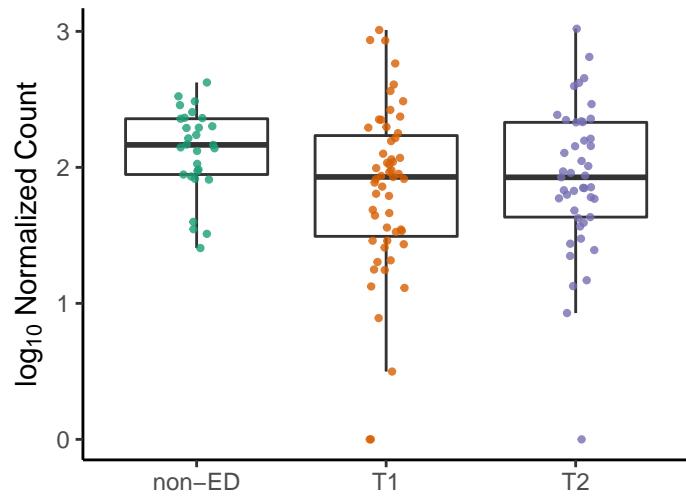
### Paraliobacillus sp. X-1125

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



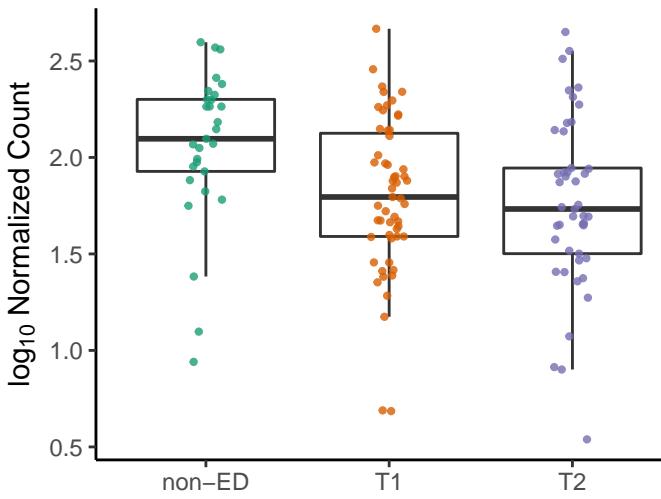
### Rhodobacteraceae bacterium SH-1

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.85



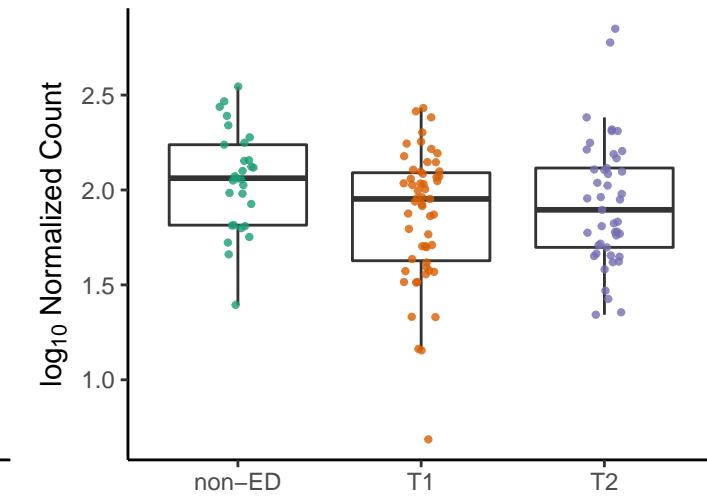
### Unclassified Brachyspira Genus

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



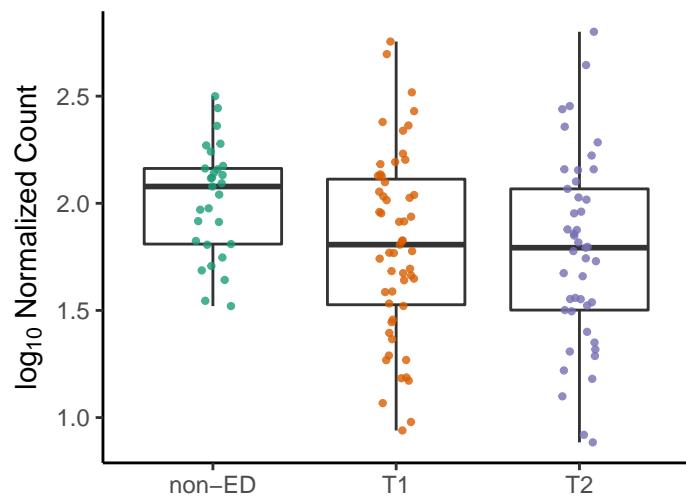
### Unclassified Corynebacteriaceae Family

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



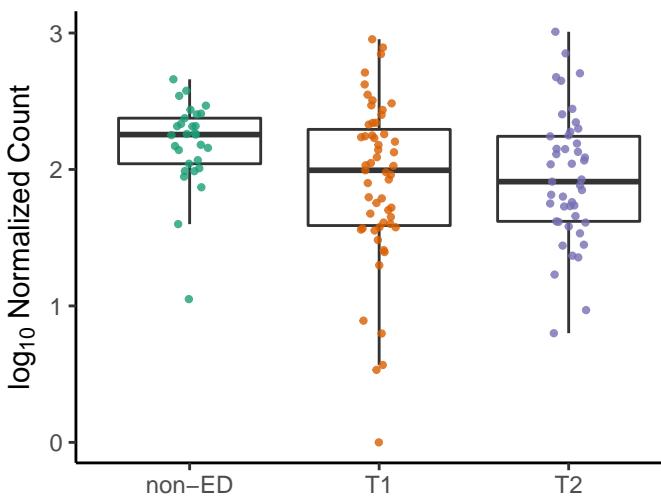
### Ahniella affigens

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.99



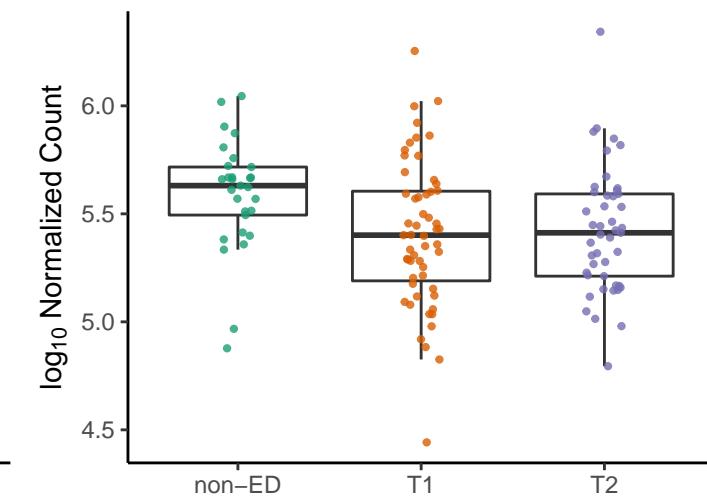
### Deinococcus geothermalis

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.86



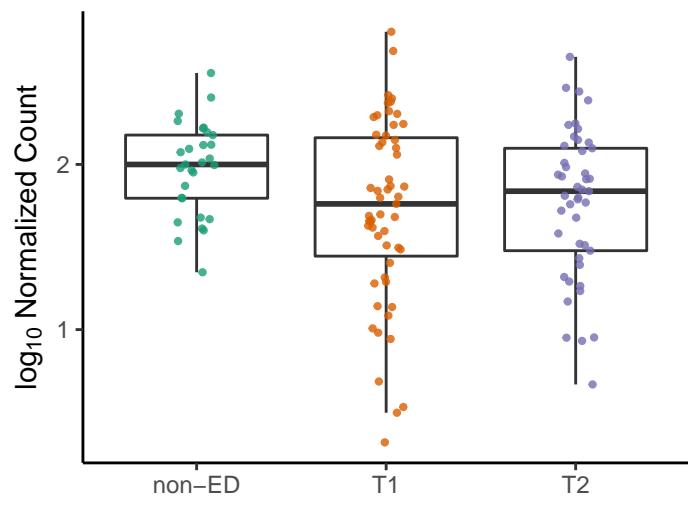
### Unclassified Clostridiales Order

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.91



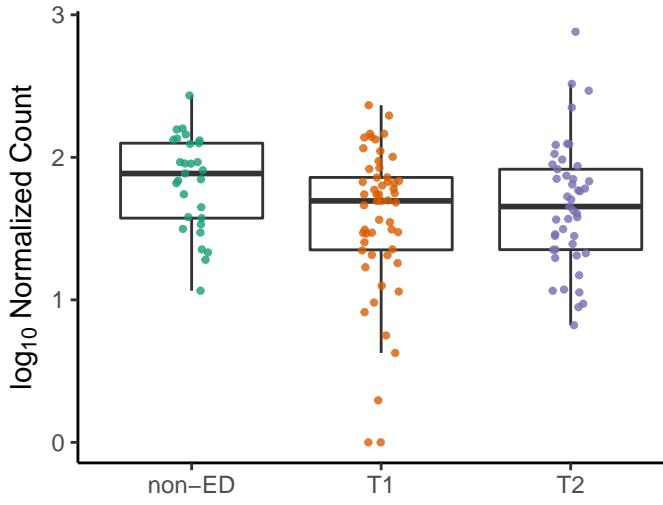
### *Streptomyces qaidamensis*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.91



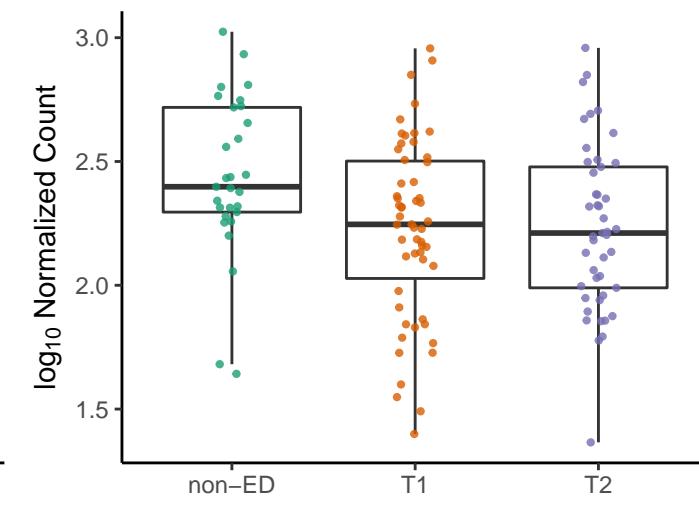
### *Mycobacterium lacus*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



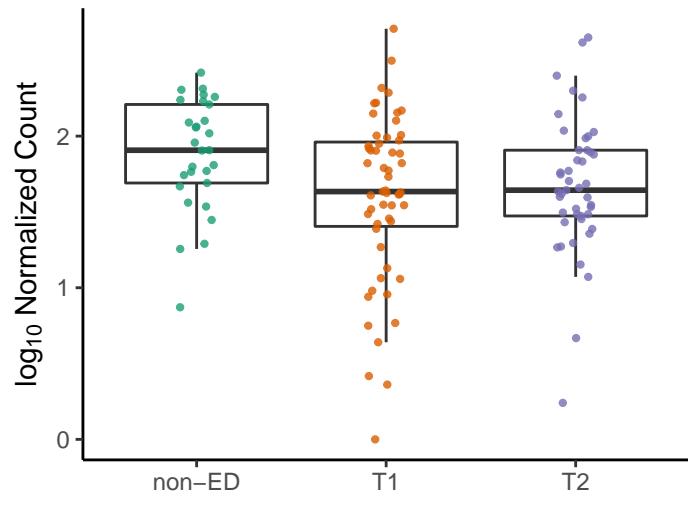
### *Paenibacillus* sp. Y412MC10

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.94



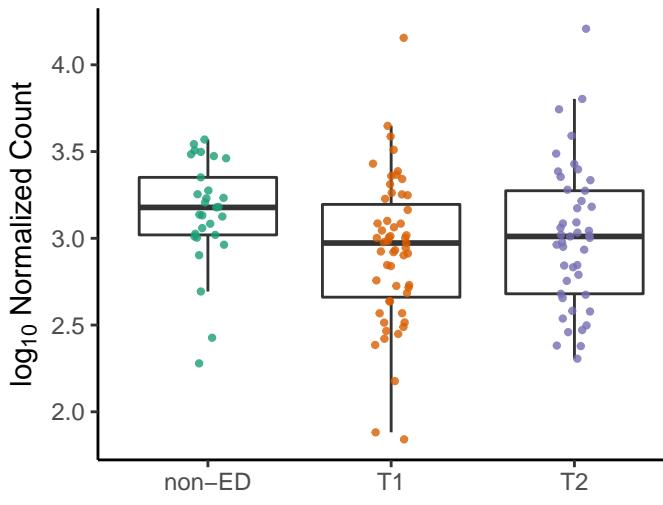
### Unclassified Ochrobactrum Genus

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.86



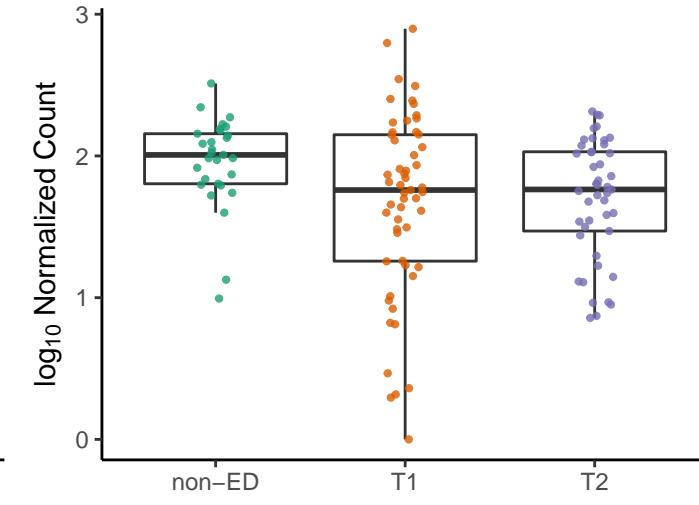
### [Clostridium] cellulosi

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



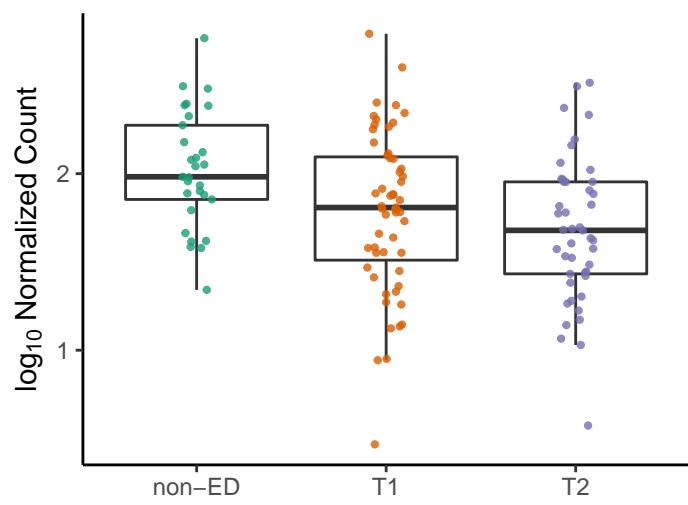
### *Corynebacterium mycetoides*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



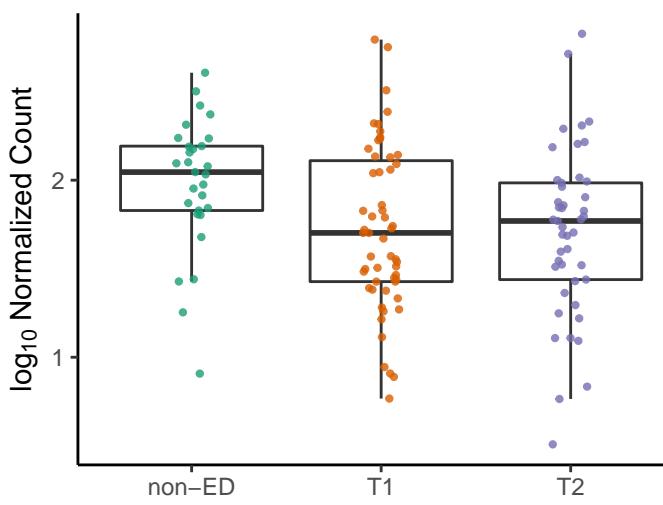
### *Curvibacter* sp. AEP1–3

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.88



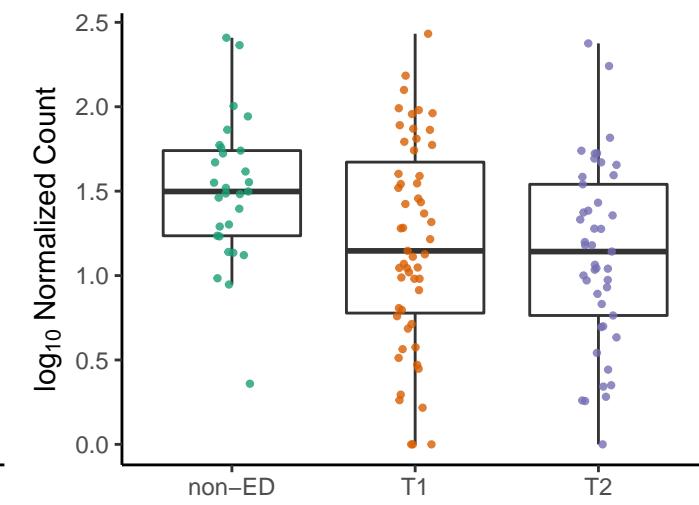
### *Halarcobacter bivalviorum*

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.94



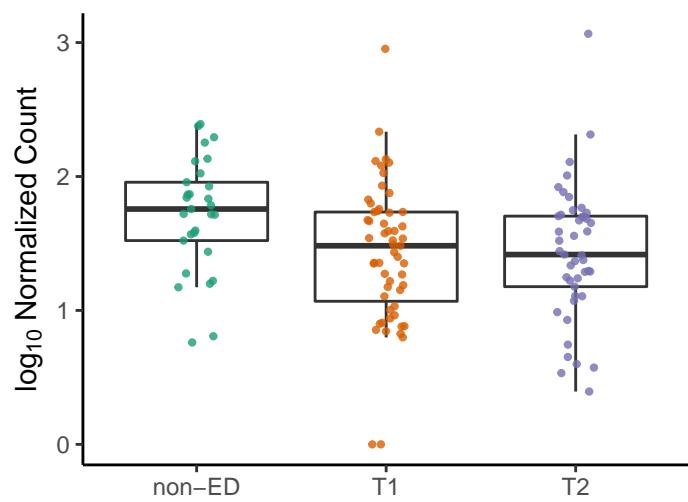
### TM7 phylum sp. oral taxon 957

non-ED vs. T1 adjusted p = 0.021  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



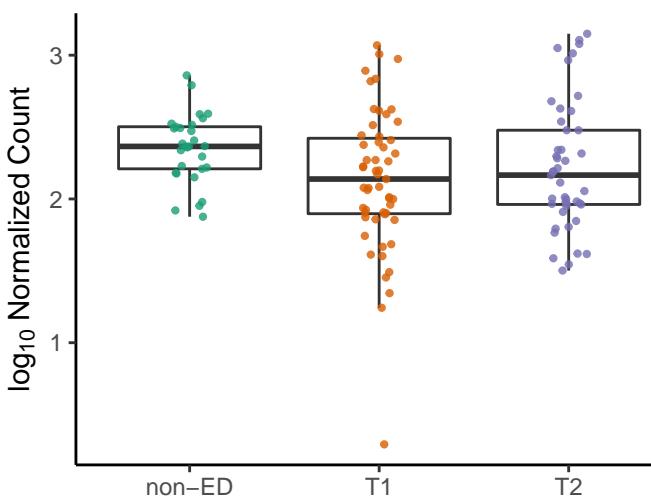
### Nonlabens sp. MJ115

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.97



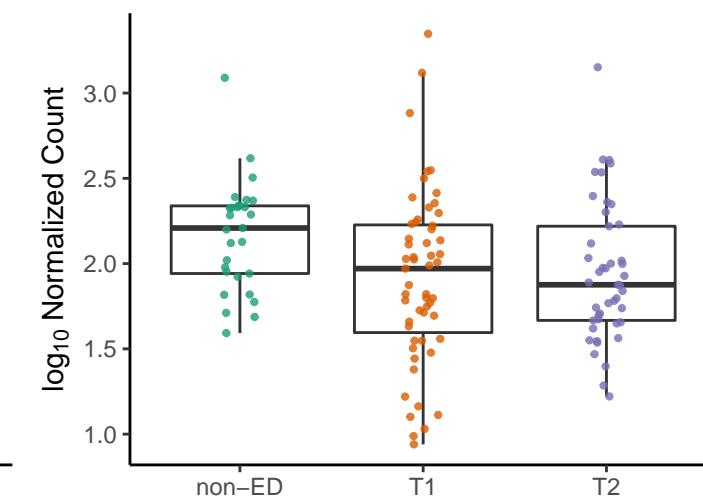
### Caldilinea aerophila

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



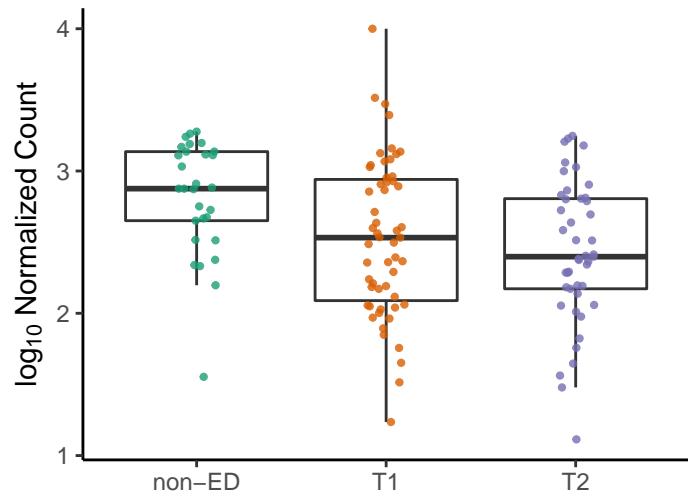
### Hymenobacter sp. BT182

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.88



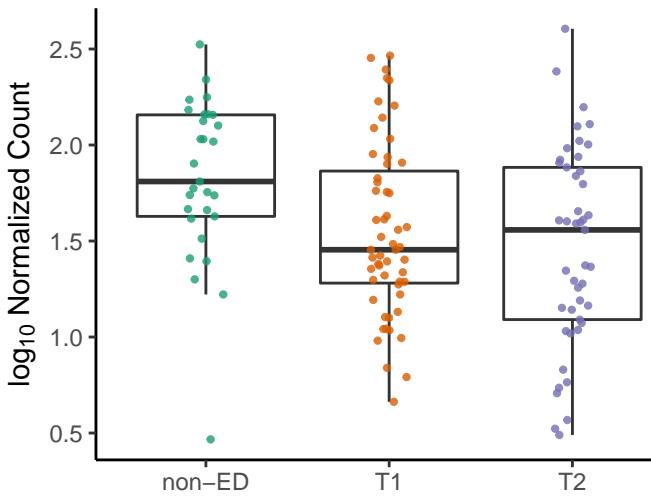
### Romboutsia hominis

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.85



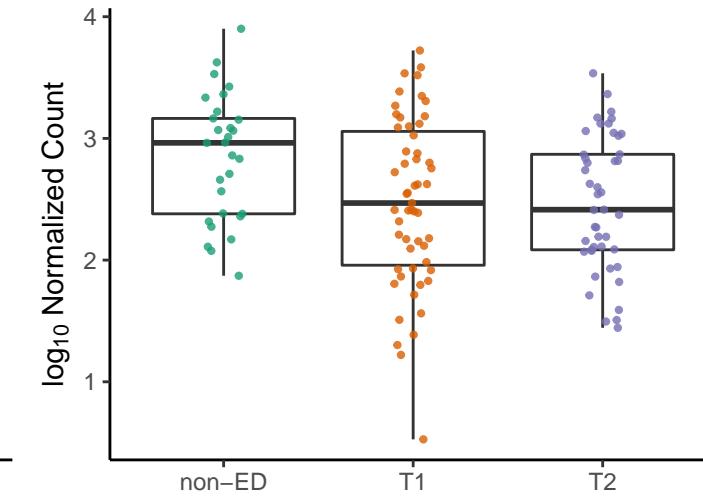
### Spiroplasma chinense

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



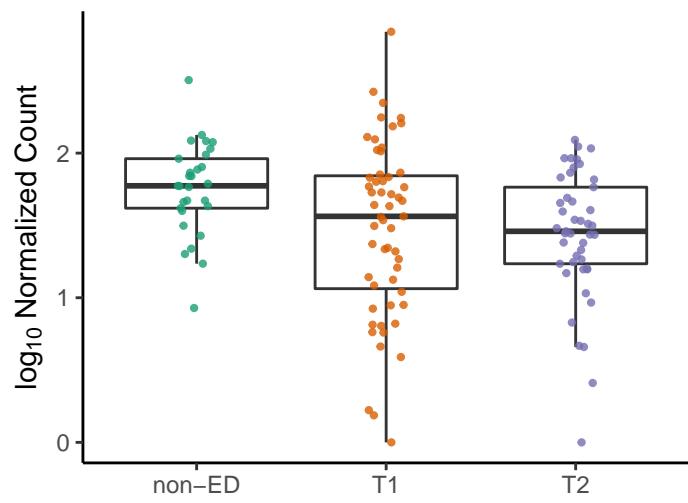
### Streptococcus sp. A12

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 1



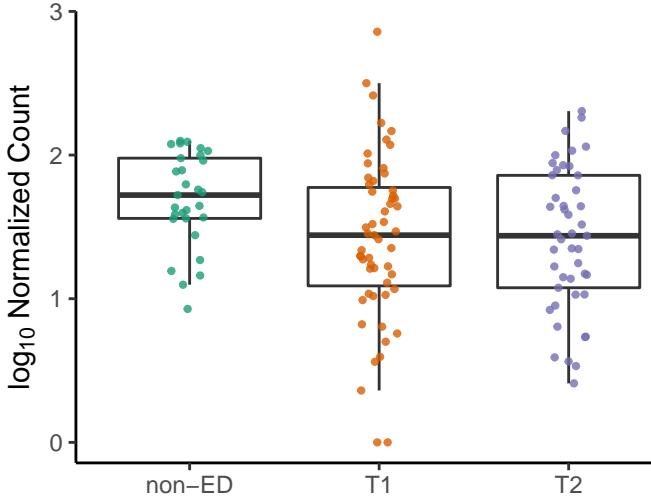
### Unclassified Chlorobaculum Genus

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.0069  
T1 vs. T2 adjusted p = 0.9



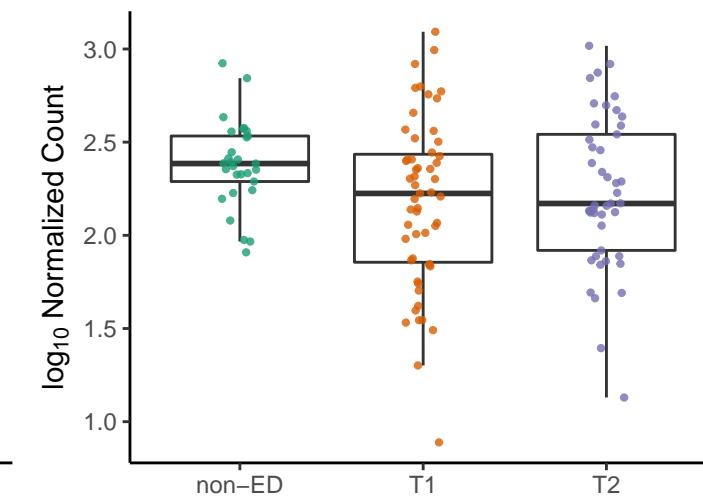
### Acinetobacter equi

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.92



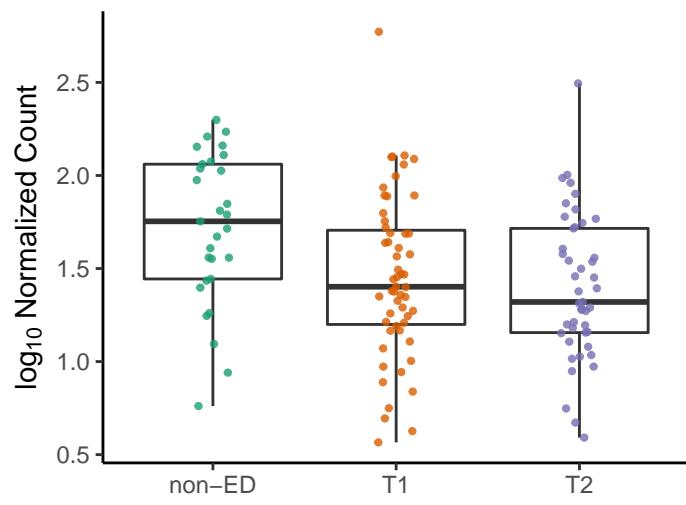
### Geobacter uraniireducens

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.85



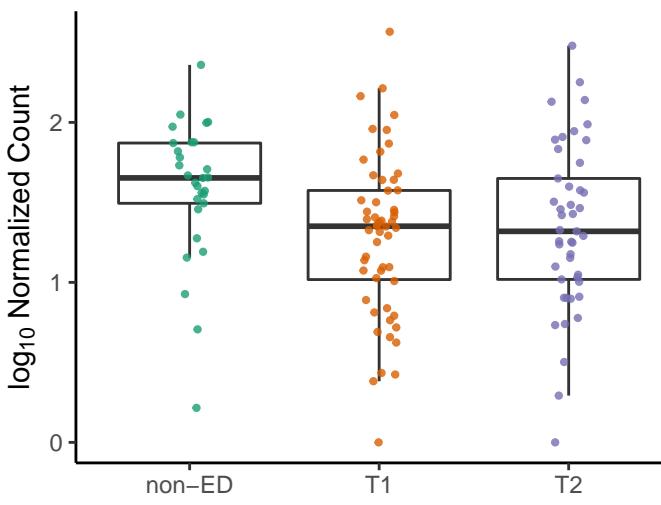
### *Pichia kudriavzevii*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



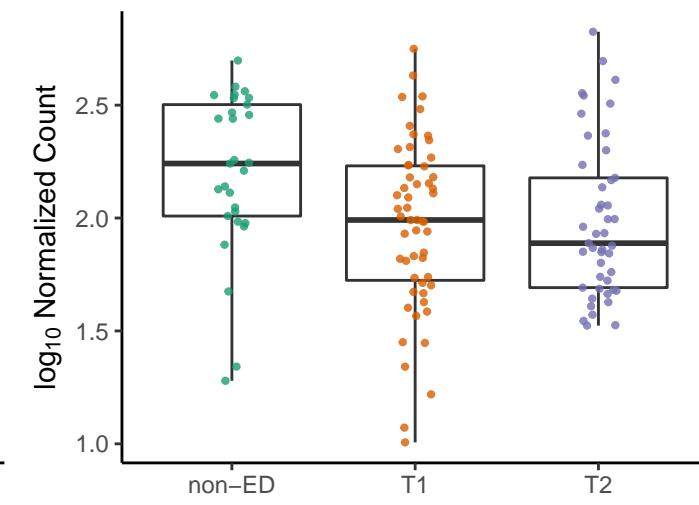
### *Myroides* sp. CJ210

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.99



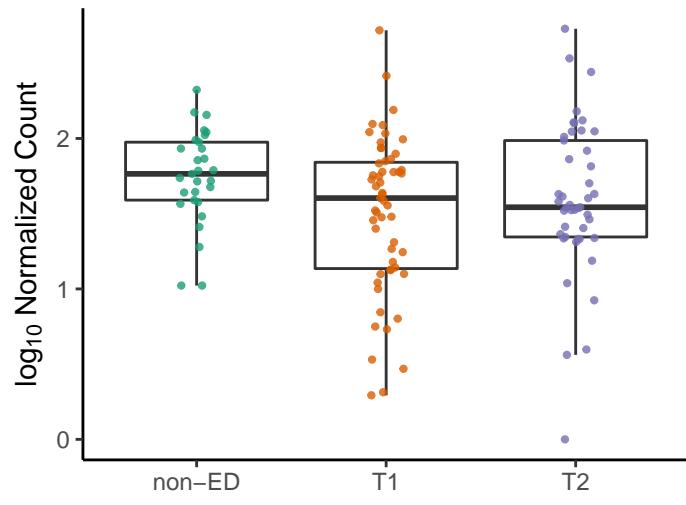
### *Aerococcus sanguinicola*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.87



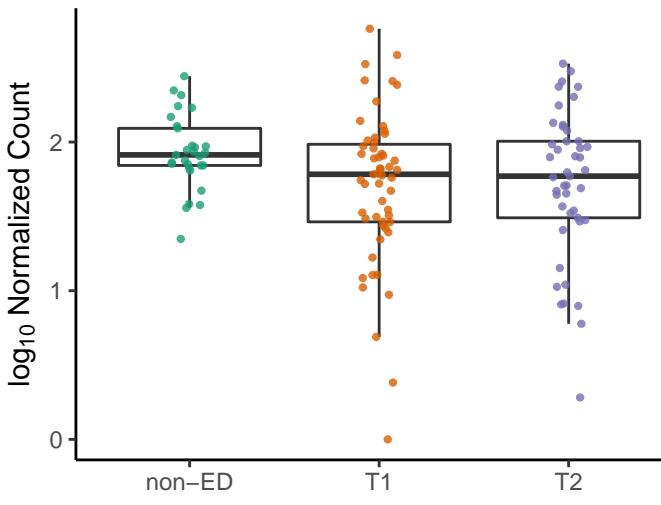
### *Methylocella silvestris*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



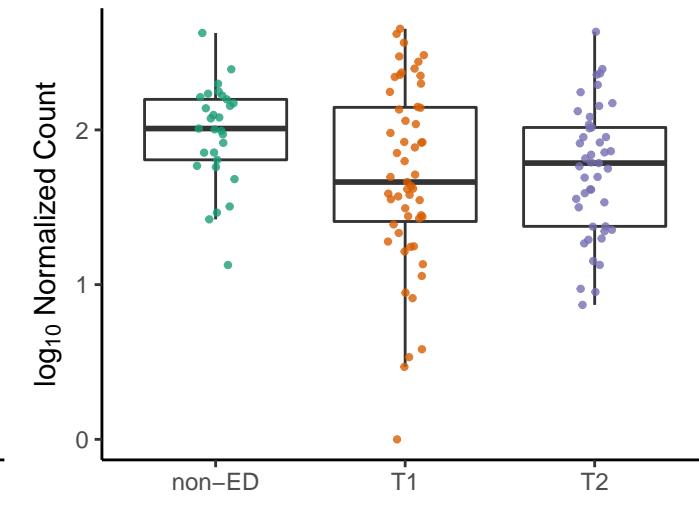
### *Bradyrhizobium zhanjiangense*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.92



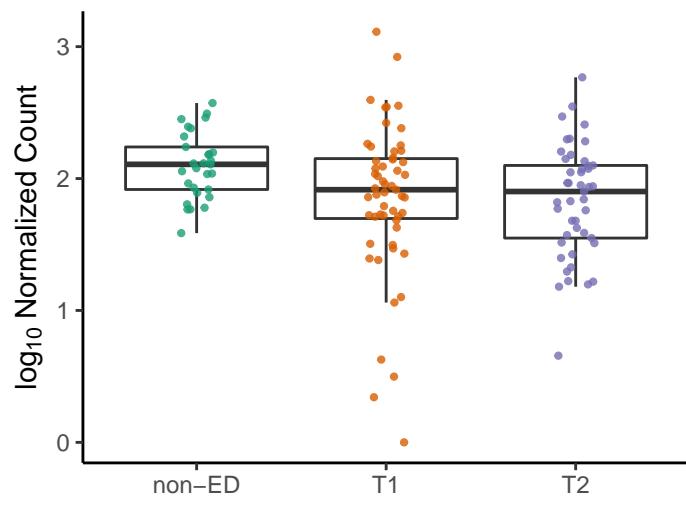
### *Intrasporangium calvum*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.92



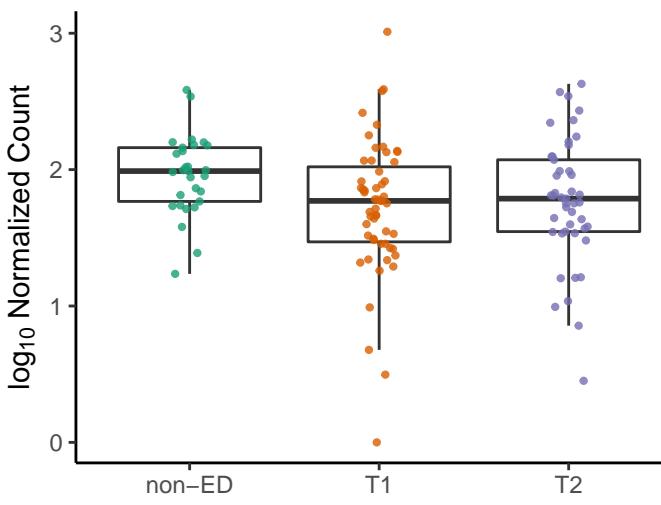
### *Nocardioides daphniae*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.91



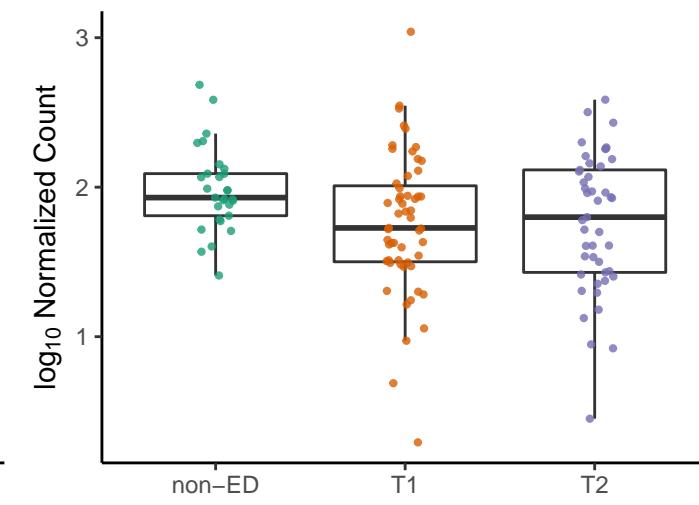
### *Yangia* sp. CCB-MM3

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.88

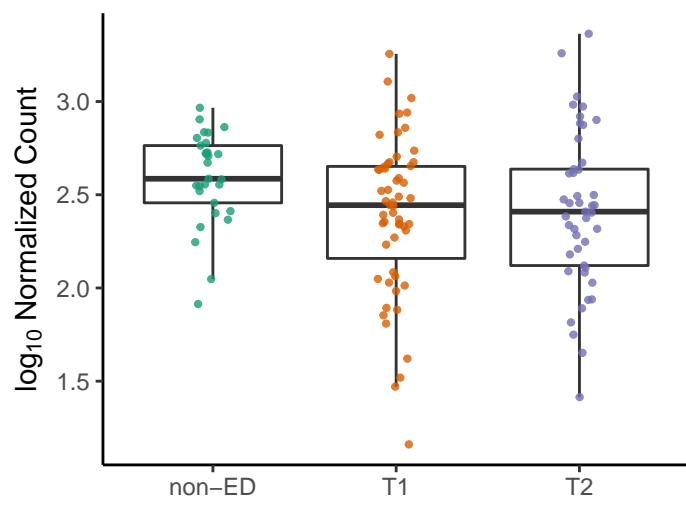


### *Brachybacterium* sp. VM2412

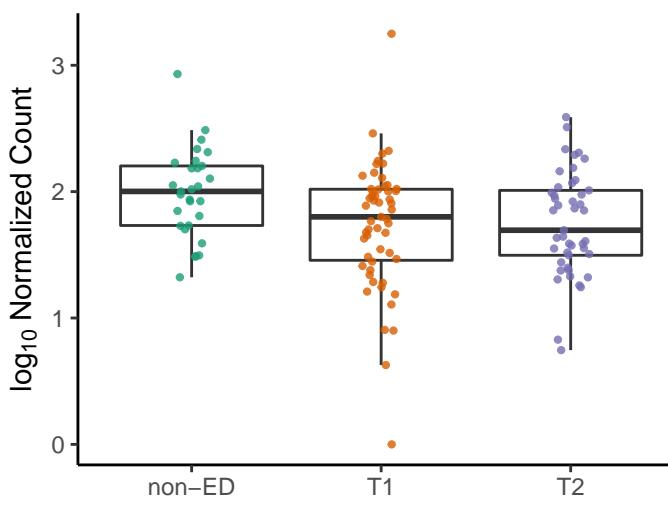
non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.95



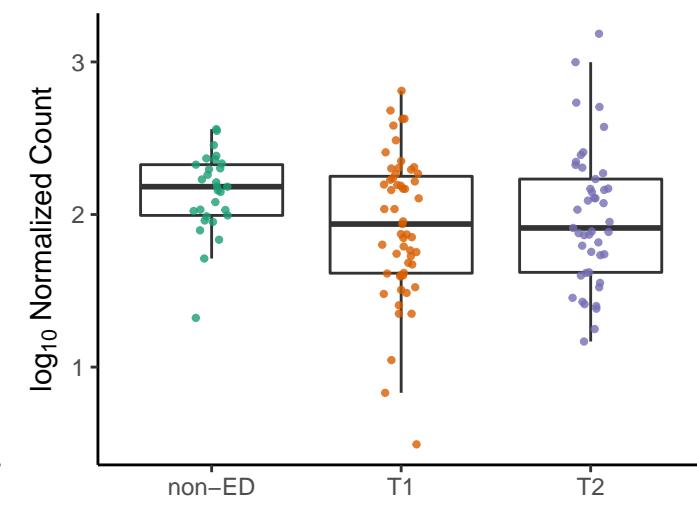
**Bradyrhizobium erythrophlei**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.88



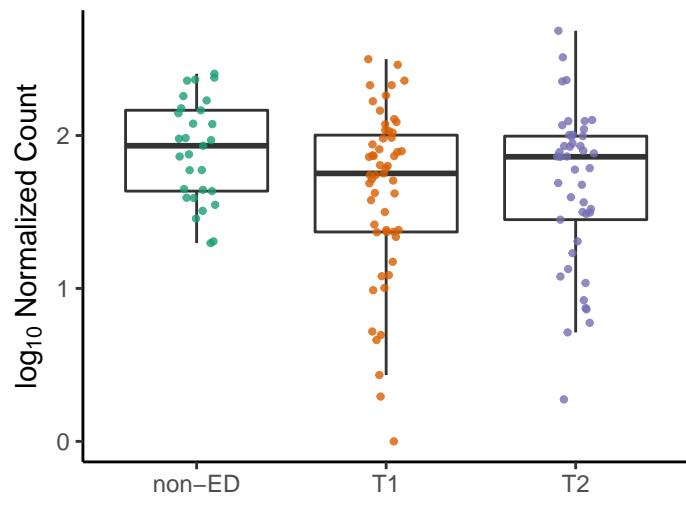
**Streptomyces sp. TN58**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.91



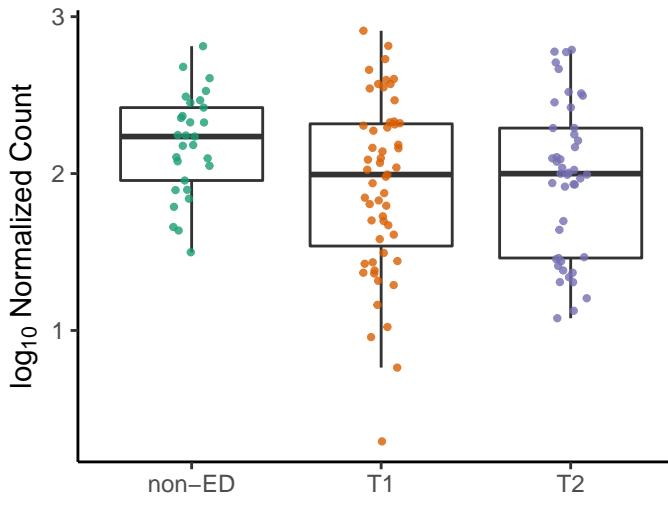
**Azospirillum sp. TSA2s**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.087  
 T1 vs. T2 adjusted p = 0.85



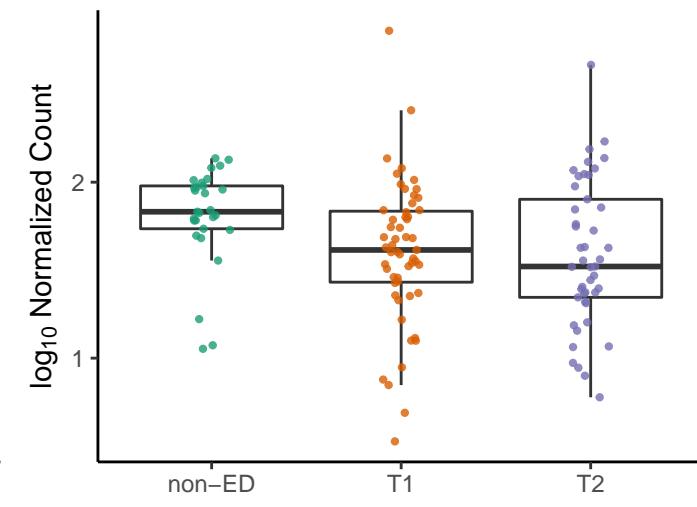
**Burkholderia stabilis**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.92



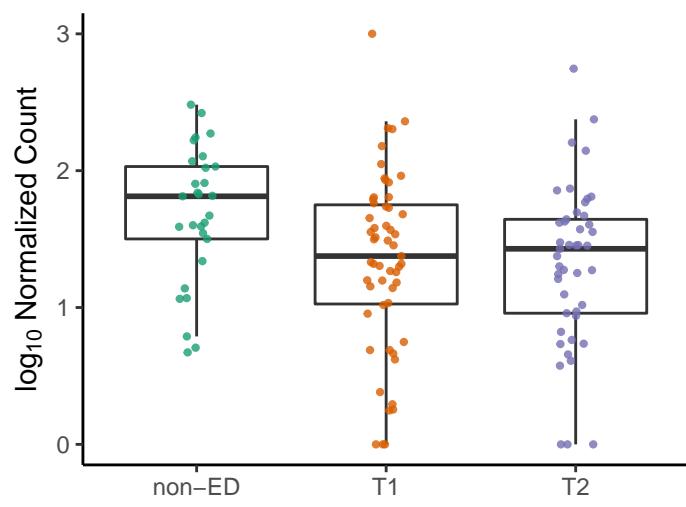
**Pimelobacter simplex**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.92



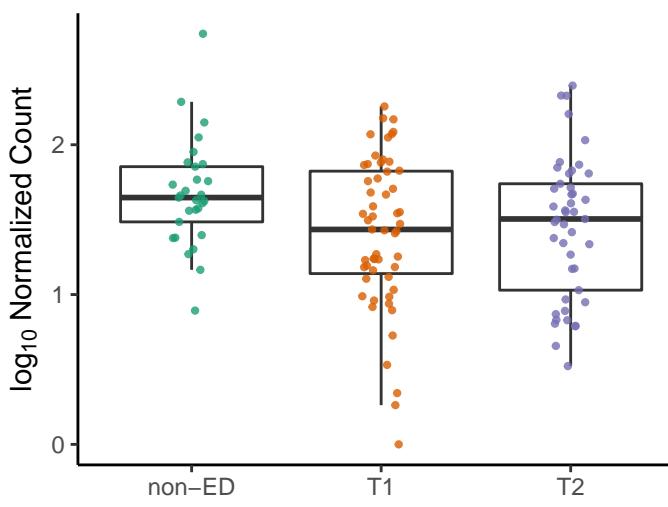
**Flavobacterium nackdongense**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.91



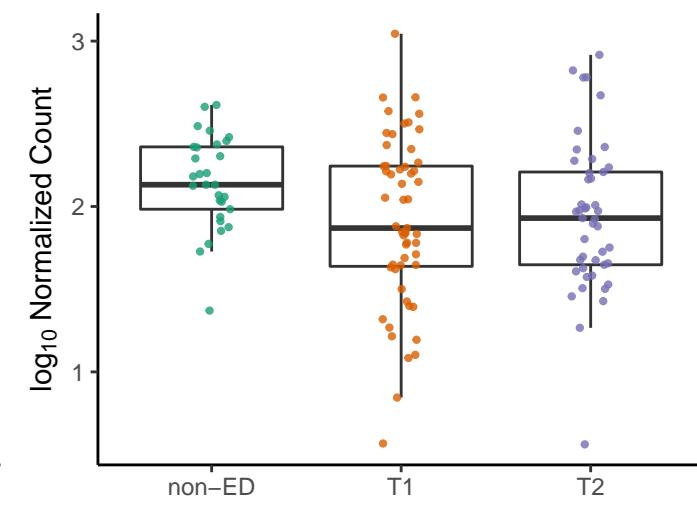
**Rhizobium acidisolii**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



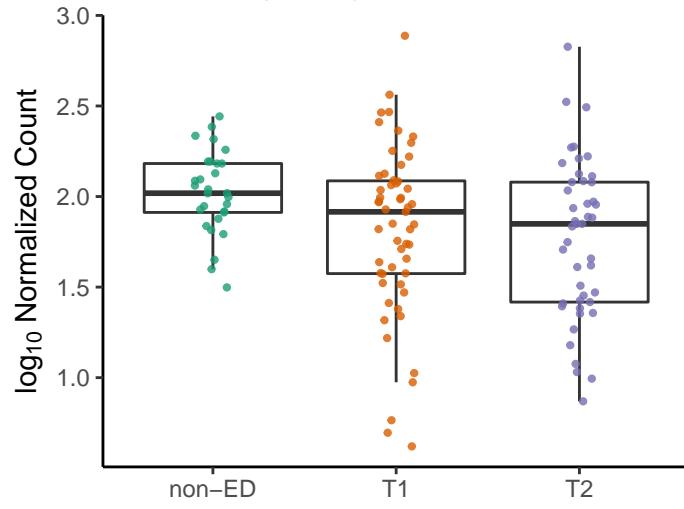
**Dehalobacter sp. CF**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.92



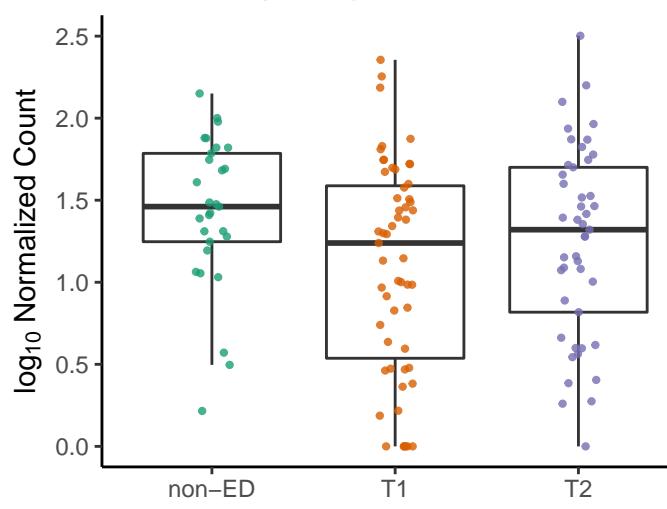
**Streptomyces sp. T44**  
 non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



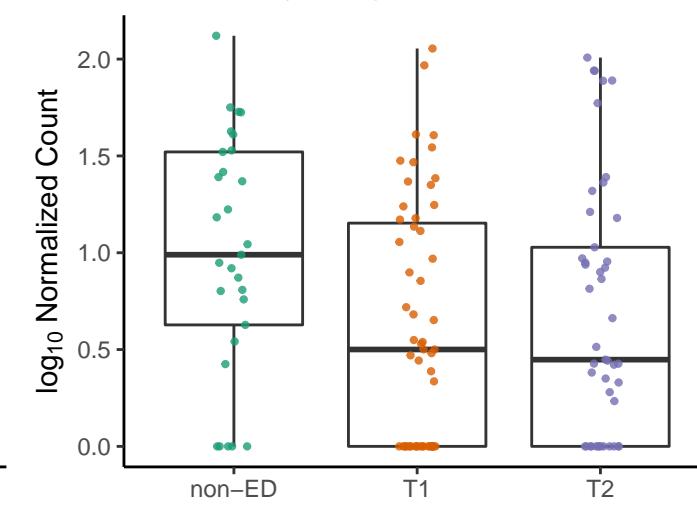
*Komagataeibacter saccharivorans*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.99



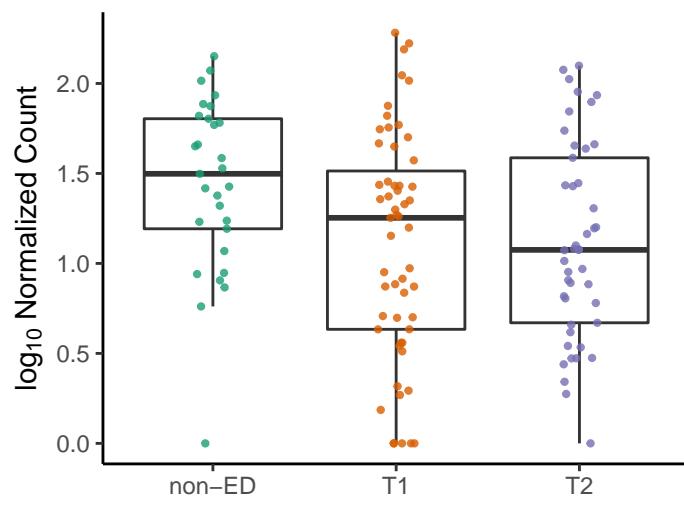
*Blastomonas fulva*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



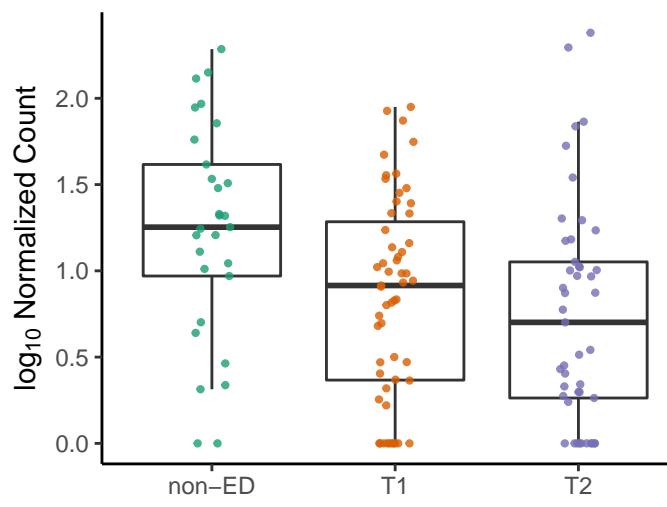
*Pseudoalteromonas haloplanktis*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.97



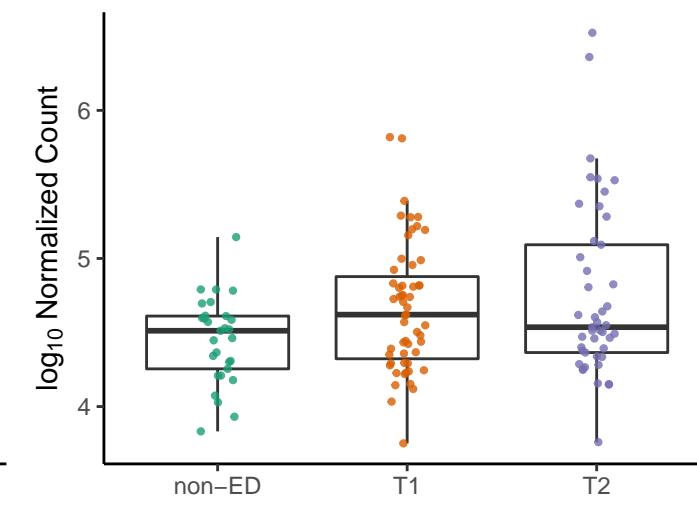
*Unclassified Jiangella Genus*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.89



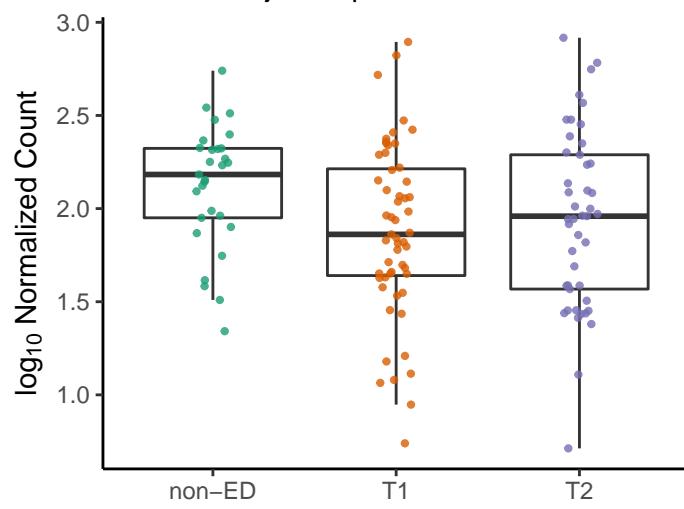
*Unclassified Polynucleobacter Genus*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



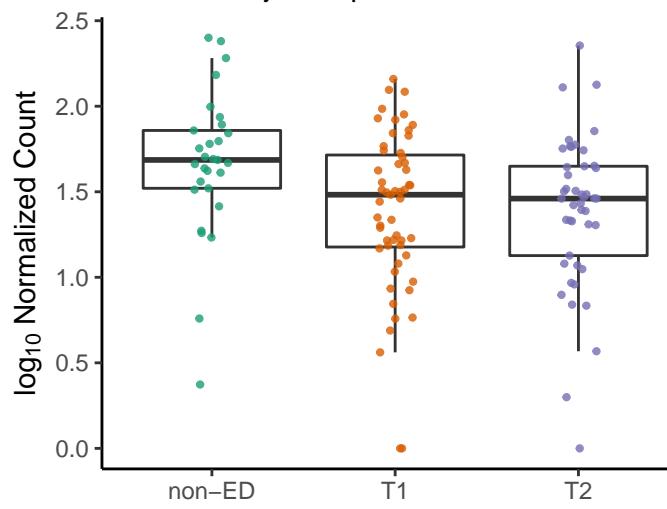
*Blautia producta*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.86



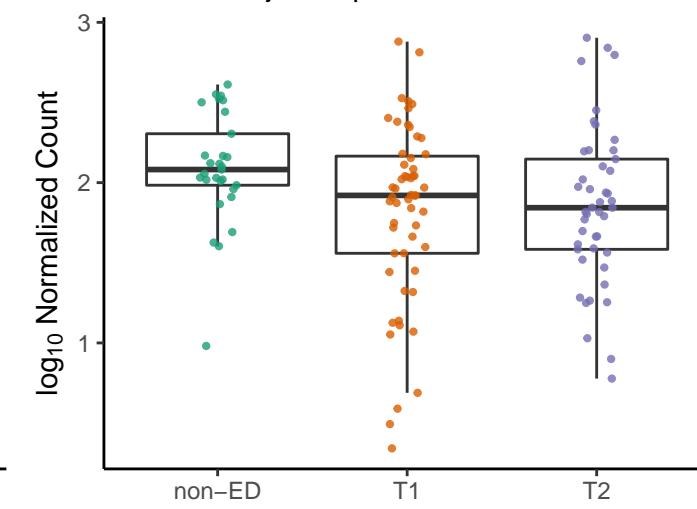
*Marinobacter hydrocarbonoclasticus*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.85



*Neptunomonas concharum*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.97



*Unclassified Polaromonas Genus*  
non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.89

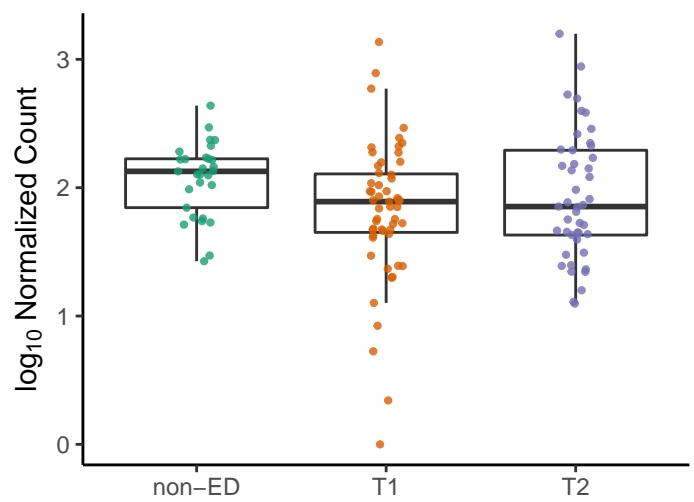


### *Tessaracoccus flavesiens*

non-ED vs. T1 adjusted p = 0.022

non-ED vs. T2 adjusted p = 0.19

T1 vs. T2 adjusted p = 0.85

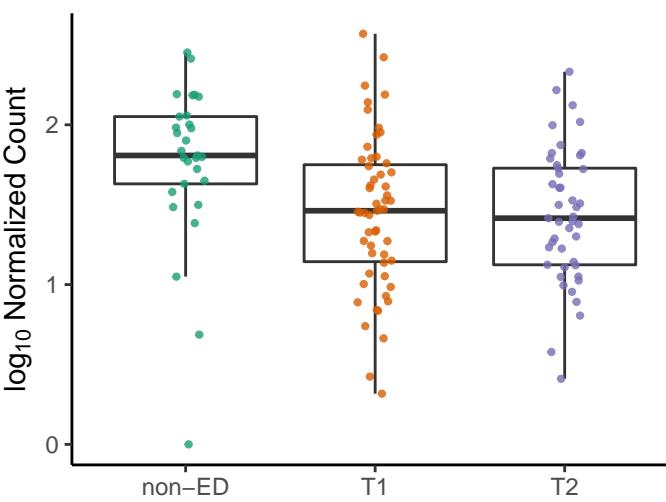


### *Deferrribacter desulfuricans*

non-ED vs. T1 adjusted p = 0.022

non-ED vs. T2 adjusted p = 0.021

T1 vs. T2 adjusted p = 0.98

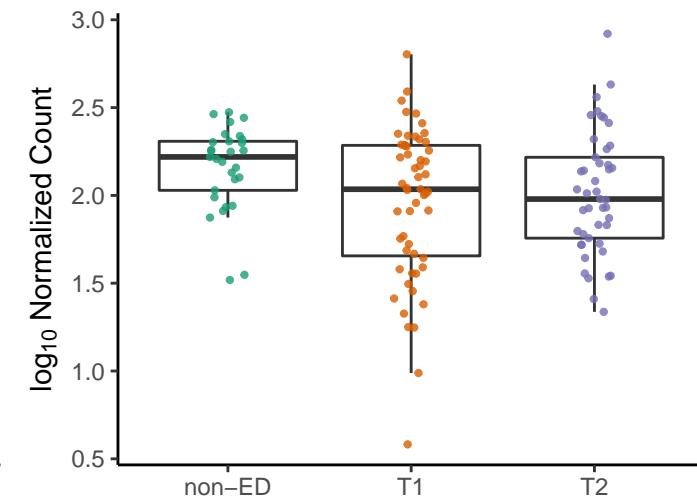


### *Leptolyngbya sp. O-77*

non-ED vs. T1 adjusted p = 0.022

non-ED vs. T2 adjusted p = 0.066

T1 vs. T2 adjusted p = 0.85

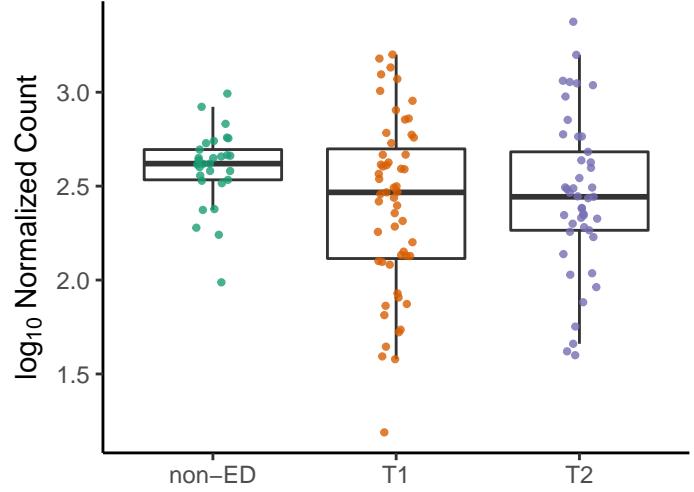


### *Limnochorda pilosa*

non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.077

T1 vs. T2 adjusted p = 0.85

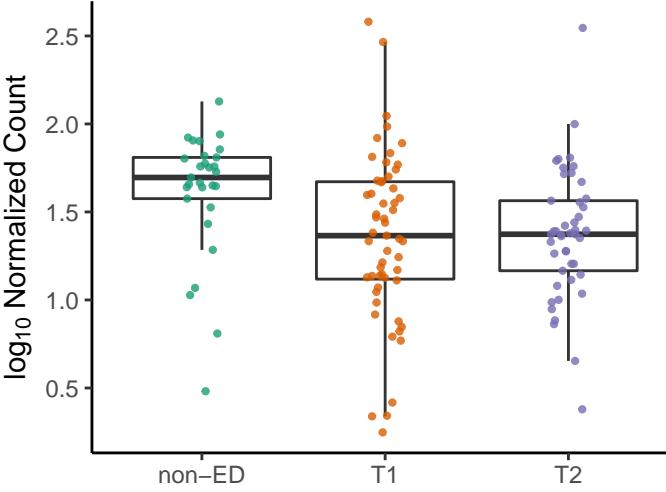


### *Chryseobacterium sp. SNU WT5*

non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.026

T1 vs. T2 adjusted p = 0.97

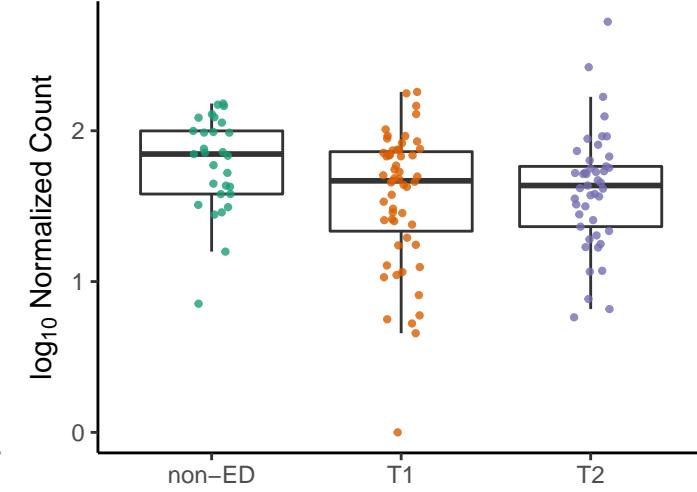


### *Cylindrospermum stagnale*

non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.069

T1 vs. T2 adjusted p = 0.86

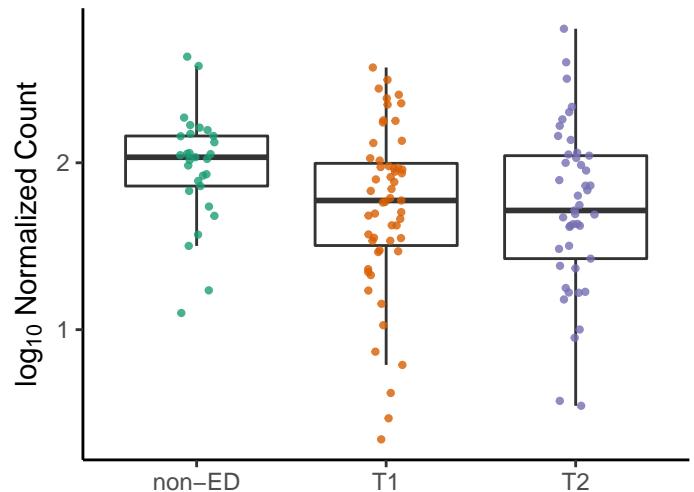


### *Epidermidibacterium keratini*

non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.032

T1 vs. T2 adjusted p = 0.93

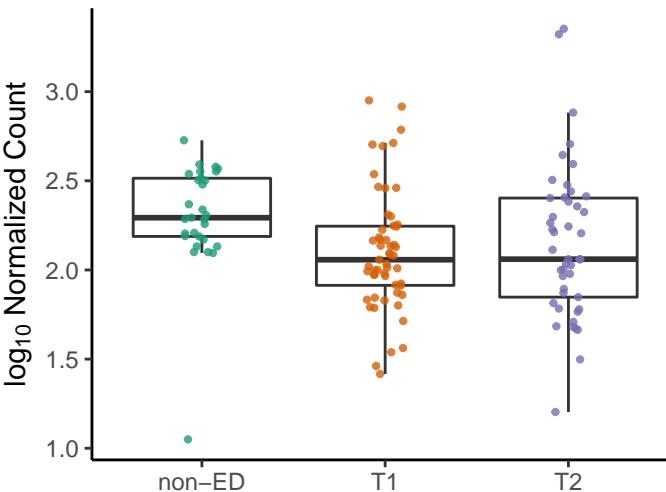


### *Bacillus clausii*

non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.88

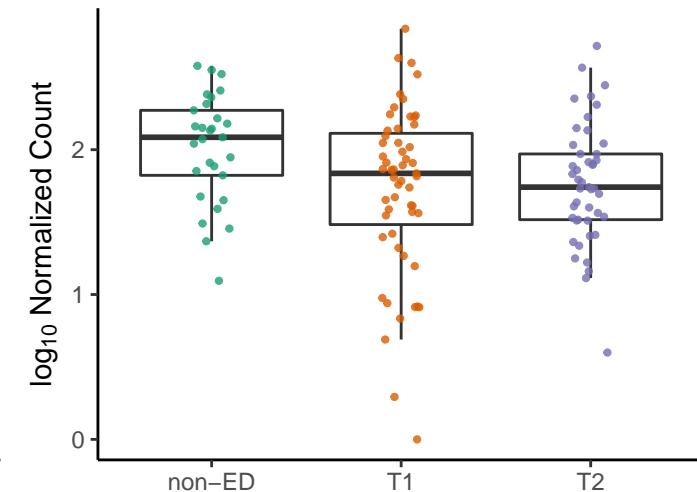


### *Corynebacterium atypicum*

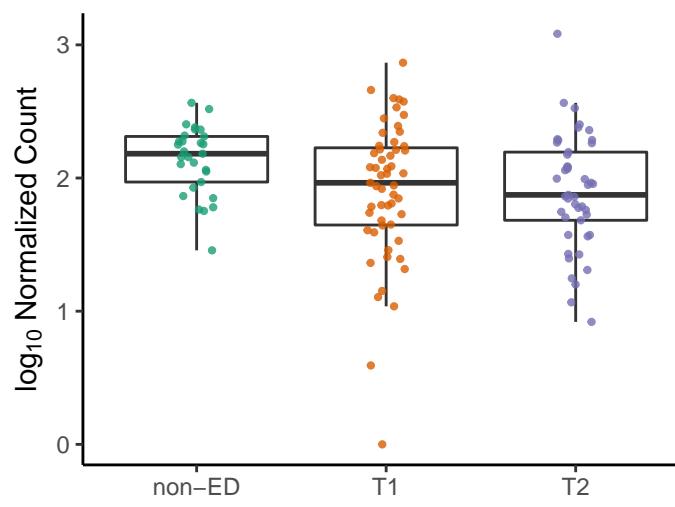
non-ED vs. T1 adjusted p = 0.023

non-ED vs. T2 adjusted p = 0.032

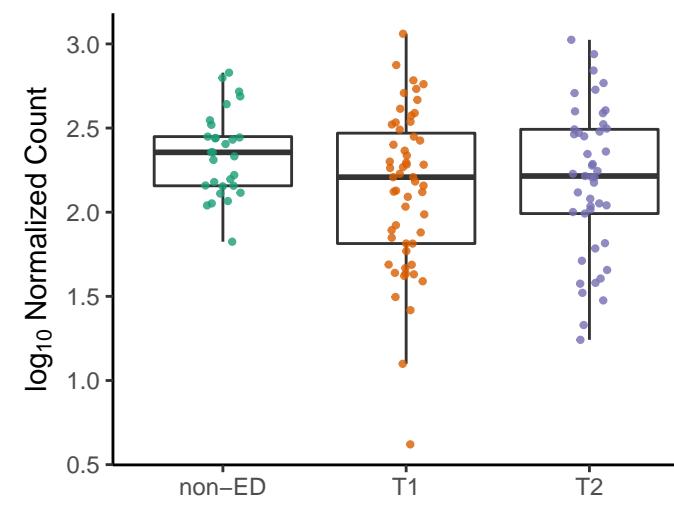
T1 vs. T2 adjusted p = 0.87



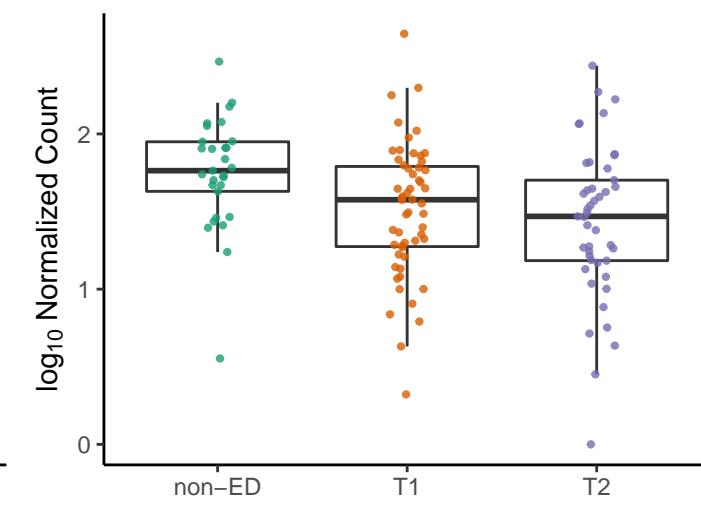
**Micromonospora rifamycinica**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.98



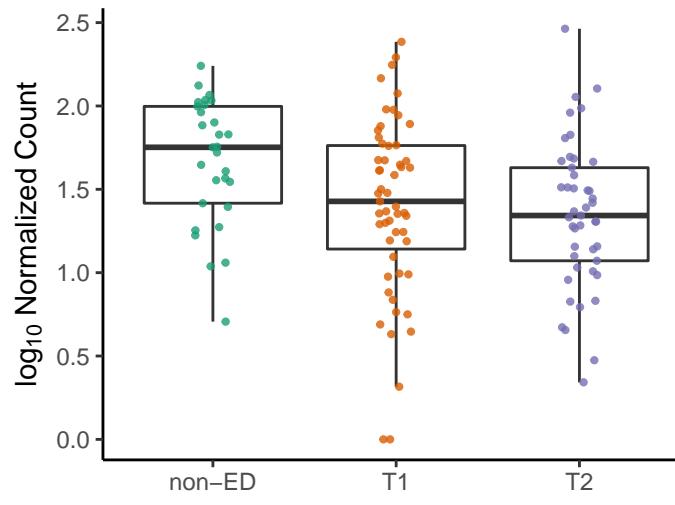
**Streptomyces niveus**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.85



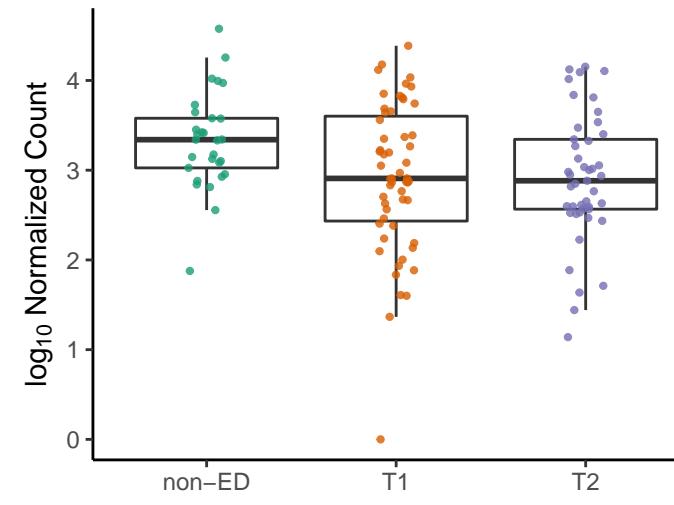
**Shewanella woodyi**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



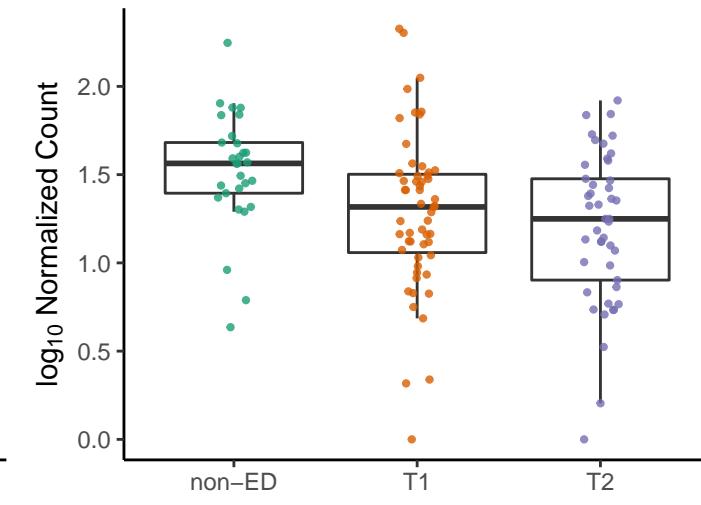
**Microbulbifer agarilyticus**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0096  
T1 vs. T2 adjusted p = 0.91



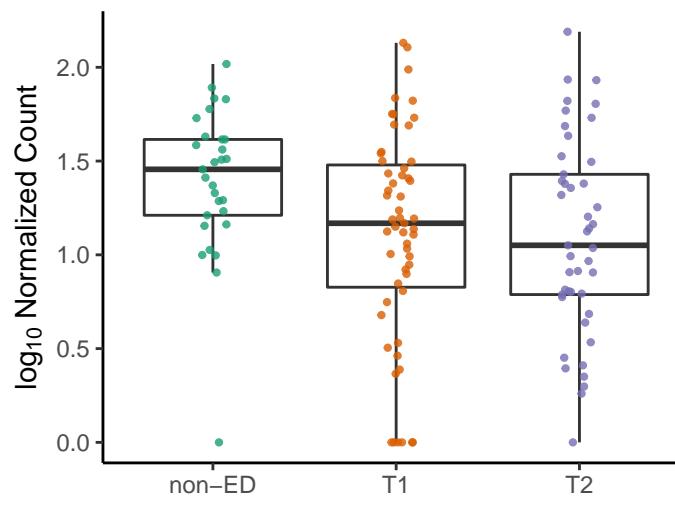
**Unclassified Coriobacteriales Order**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.9



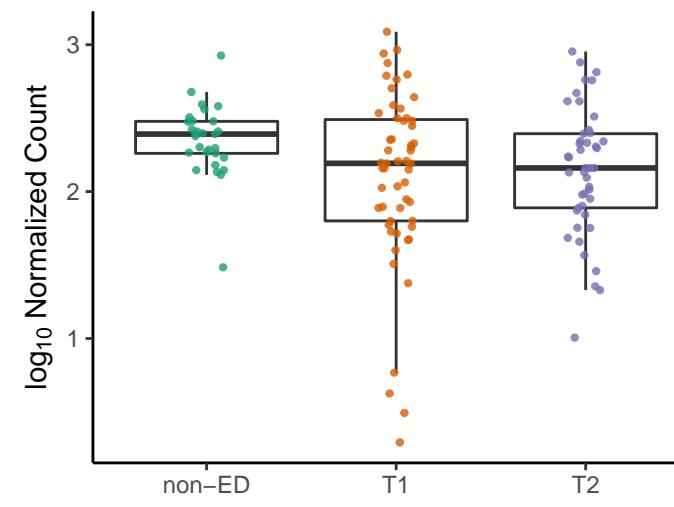
**Mycoplasma bovirhinis**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0067  
T1 vs. T2 adjusted p = 0.87



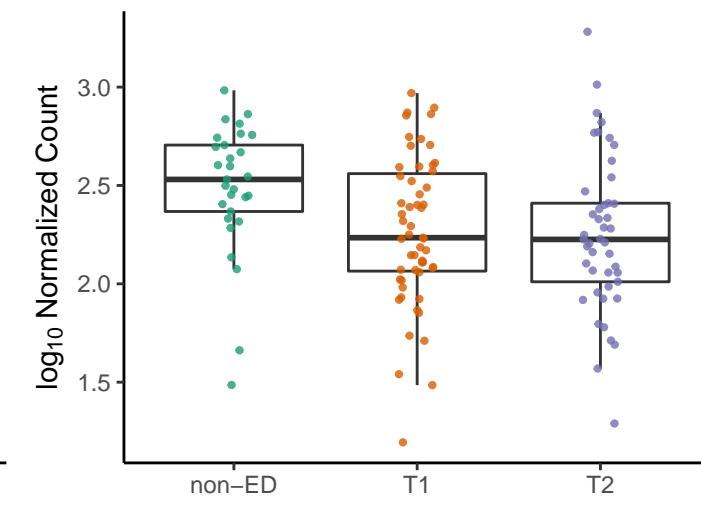
**Pseudomonas alcaliphila**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.98



**Stackebrandtia nassauensis**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.85

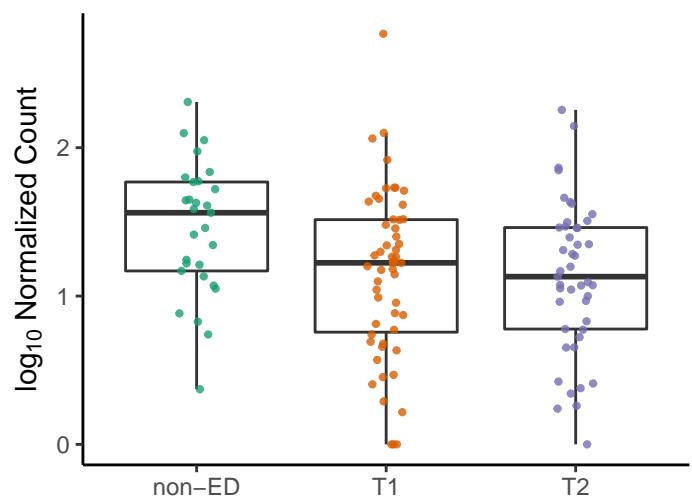


**Clostridium tyrobutyricum**  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.95



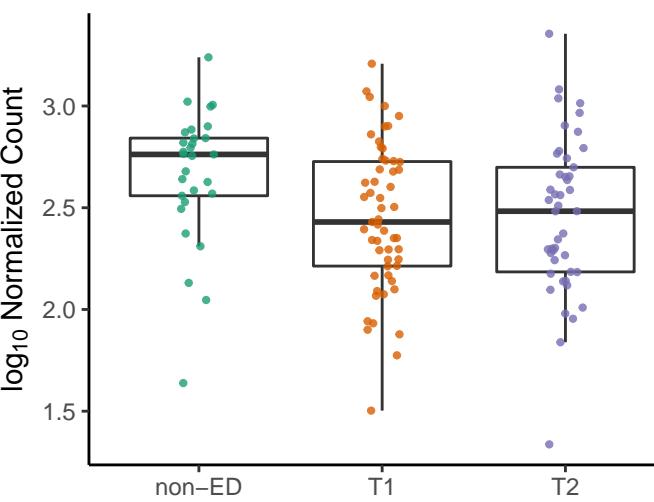
### *Leuconostoc suionicum*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.97



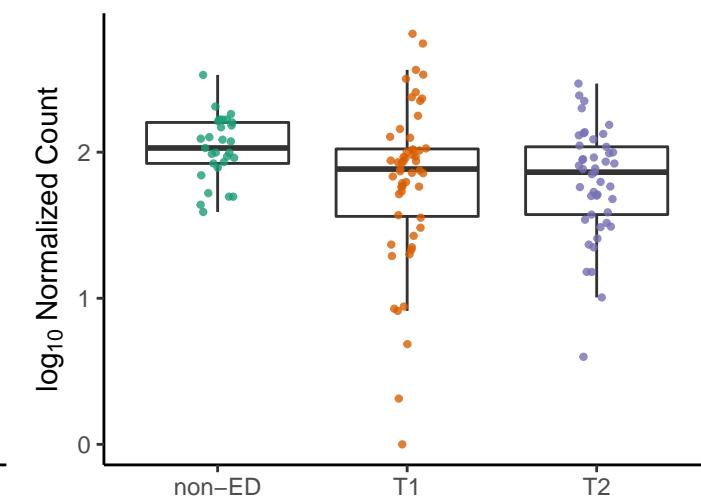
### *Unclassified Thermoanaerobacter Genus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.99



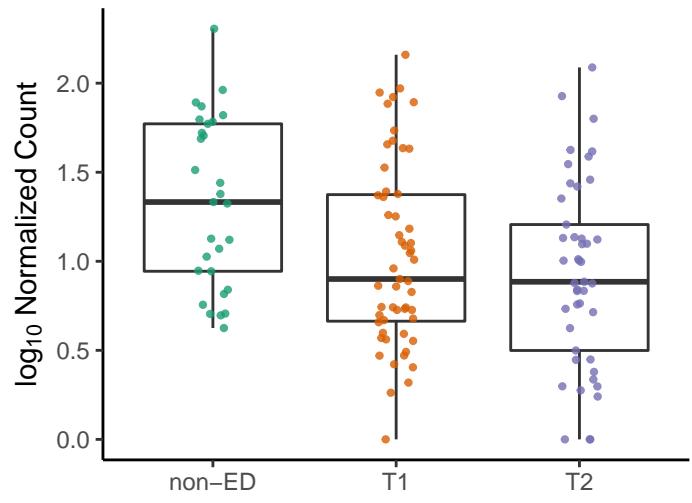
### *Kineobactrum sp. M2*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0093  
 T1 vs. T2 adjusted p = 0.98



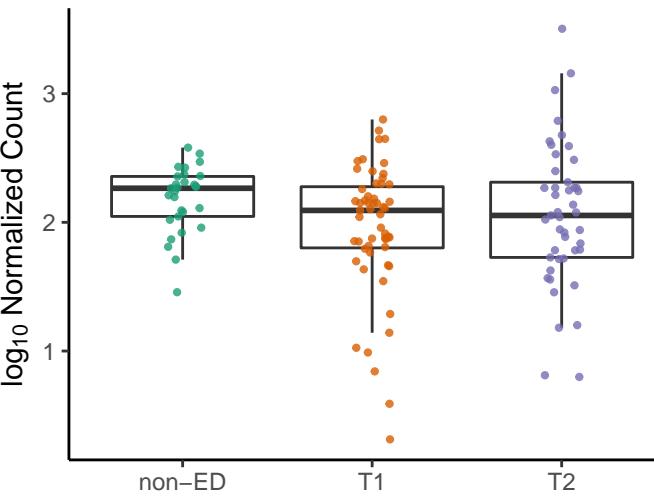
### *Mycoplasma orale*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



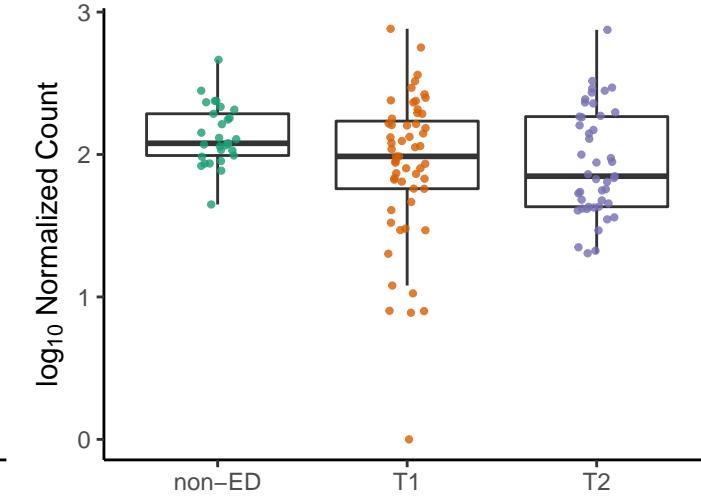
### *Variovorax sp. HW608*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



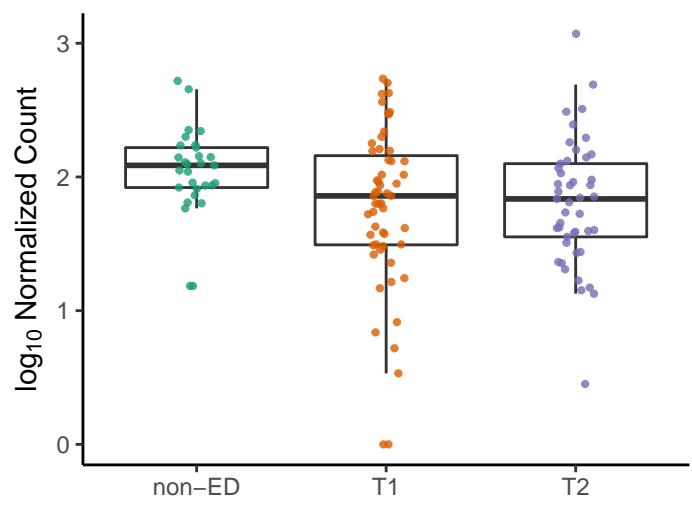
### *Anaerolinea thermophila*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.9



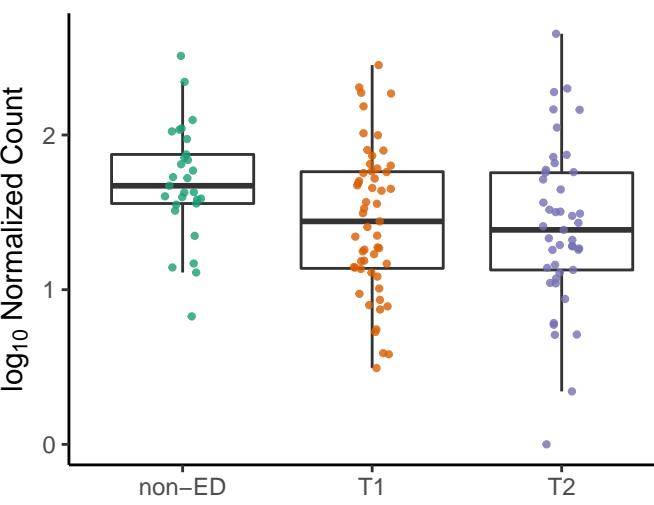
### *Corynebacterium sphenisci*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.86



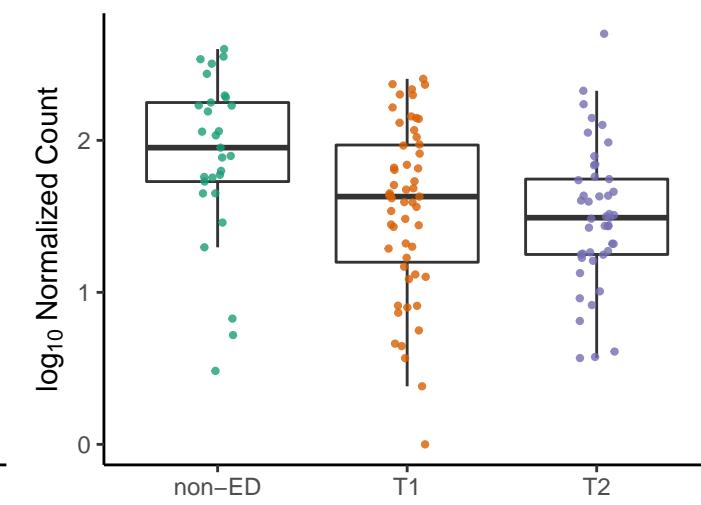
### *Salinibacterium sp. UTAS2018*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.91



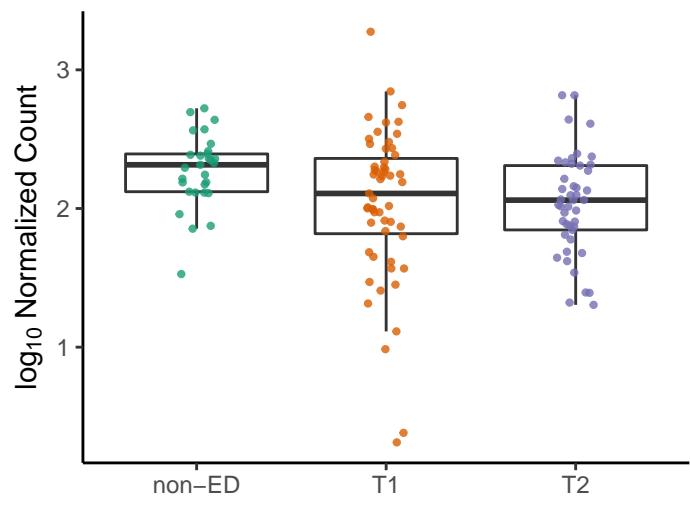
### *Sphingosinithalassobacter sp. zrk23*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.88



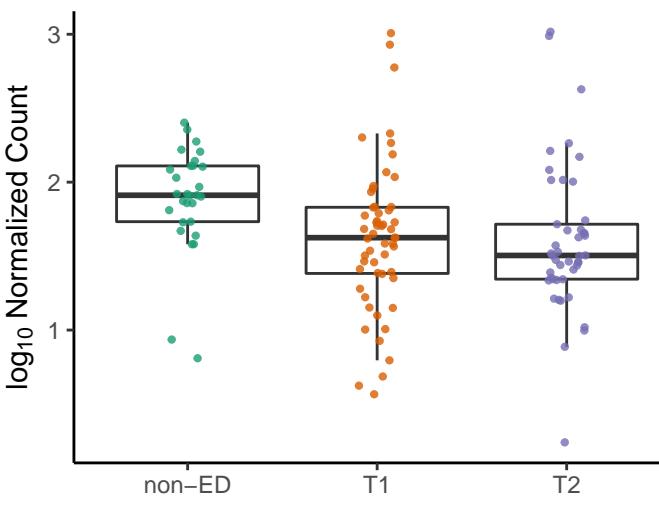
### *Pseudomonas protegens*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.97



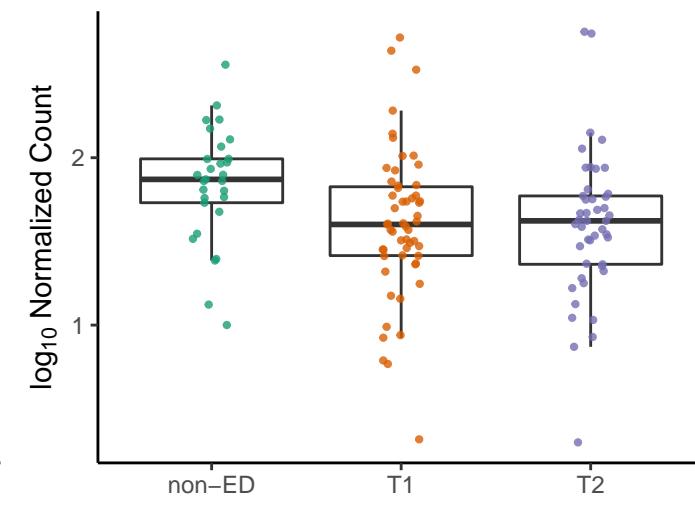
### *Beggiatoa leptomitiformis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.97



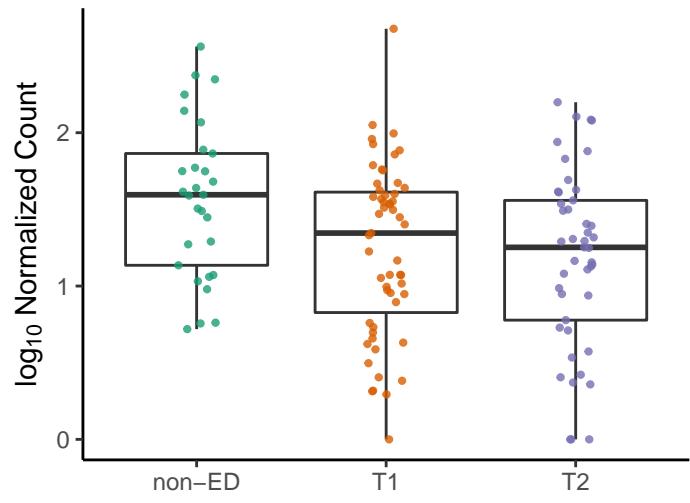
### *Erwinia* sp. J780

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.88



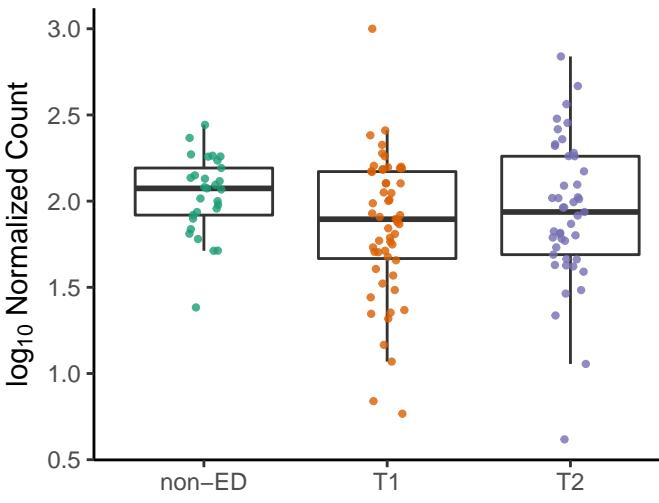
### *Pseudarthrobacter* sp. NIBRBAC000502

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.96



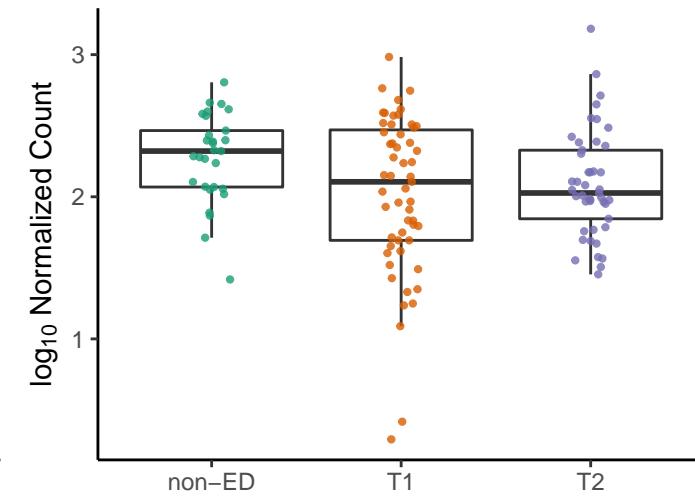
### *Bacillus pseudofirmus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



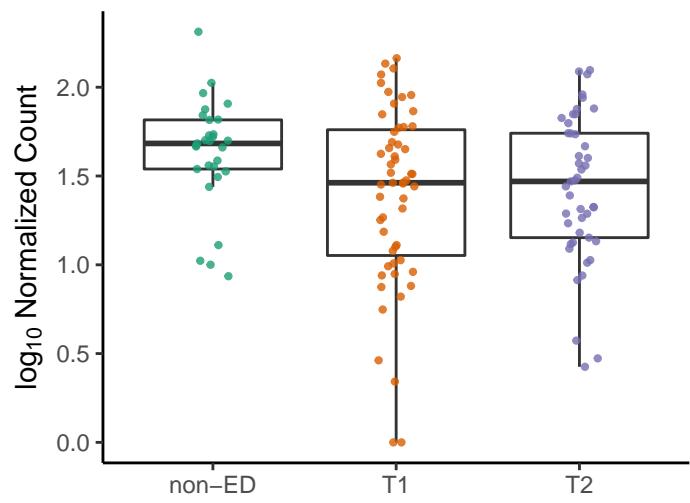
### *Cyanobium gracile*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



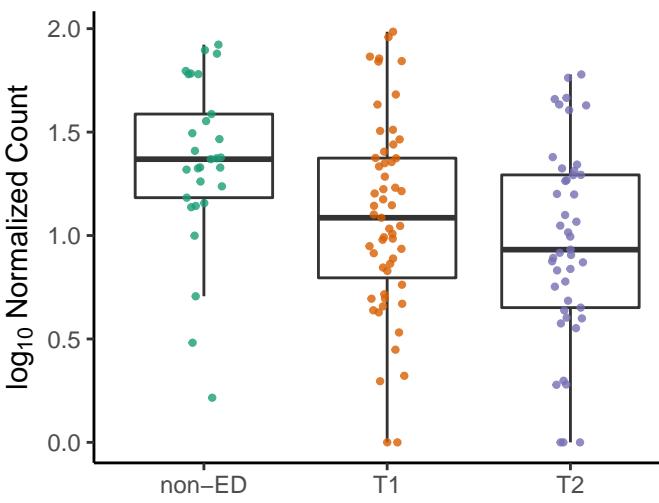
### *Porphyrobacter* sp. LM 6

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.87



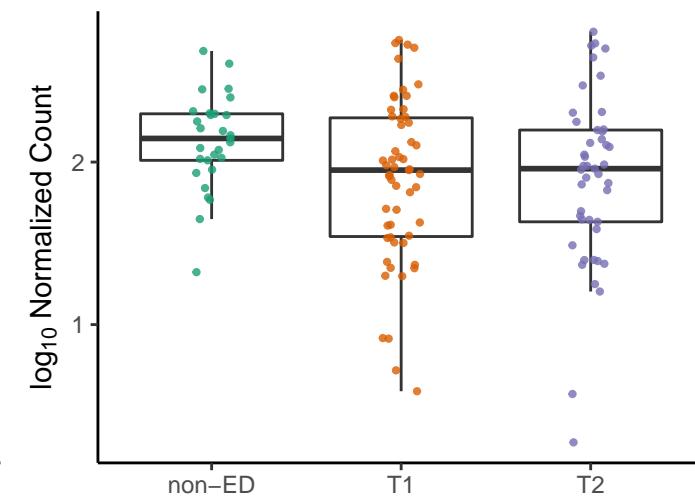
### *Candidatus Pelagibacter* sp. HIMB1321

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.0055  
 T1 vs. T2 adjusted p = 0.85



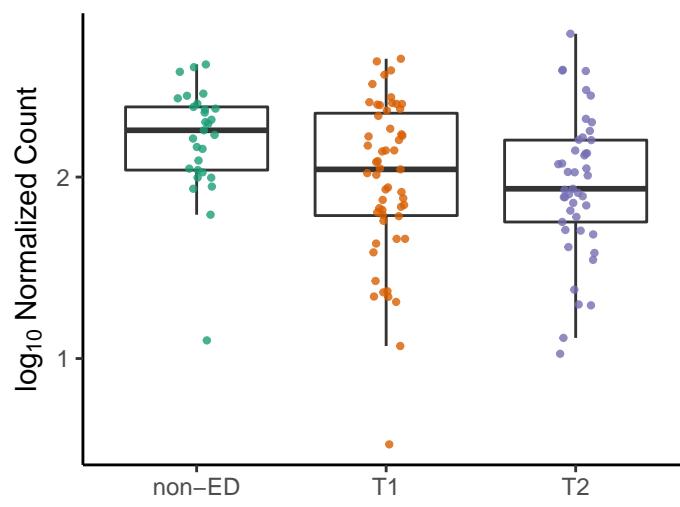
### *Kocuria palustris*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.91



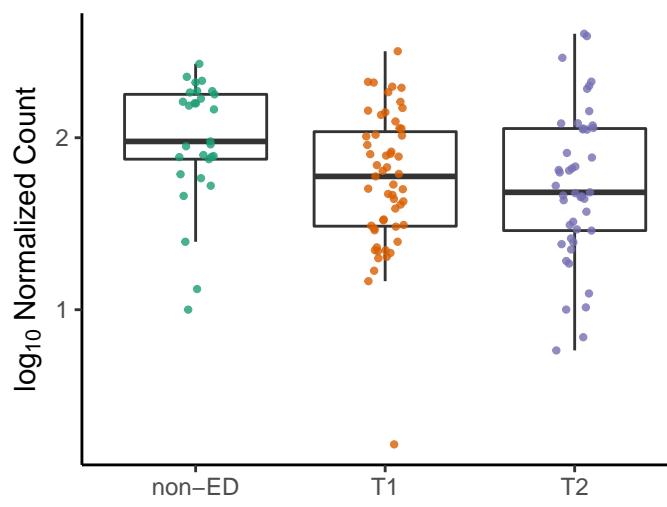
### endosymbiont TC1 of Trimyema compressum

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.92



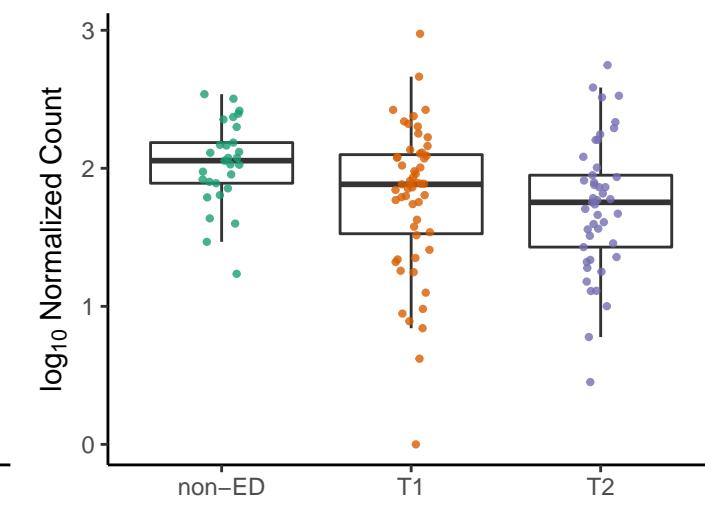
### *Listeria seeligeri*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



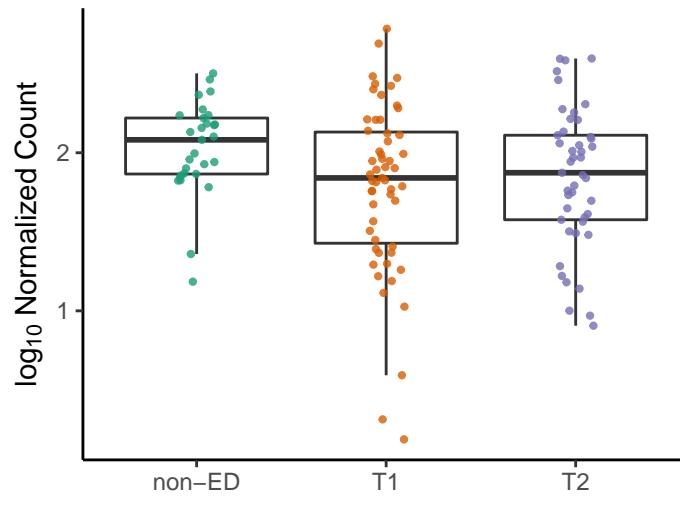
### *Paraburkholderia phymatum*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0098  
T1 vs. T2 adjusted p = 0.9



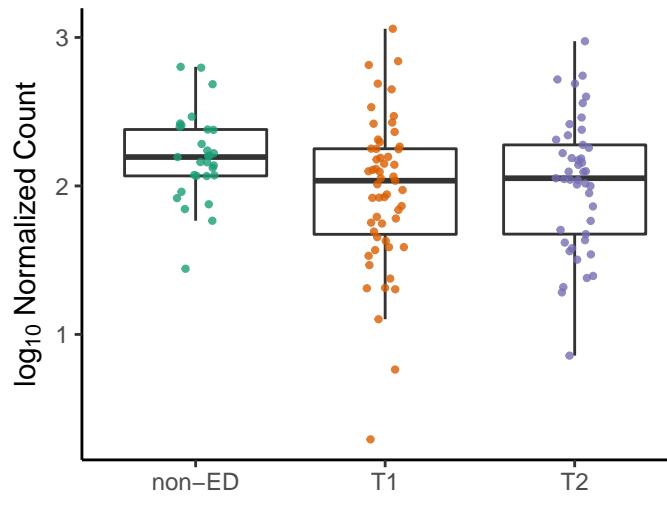
### *Mycolicibacterium tokaiense*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.85



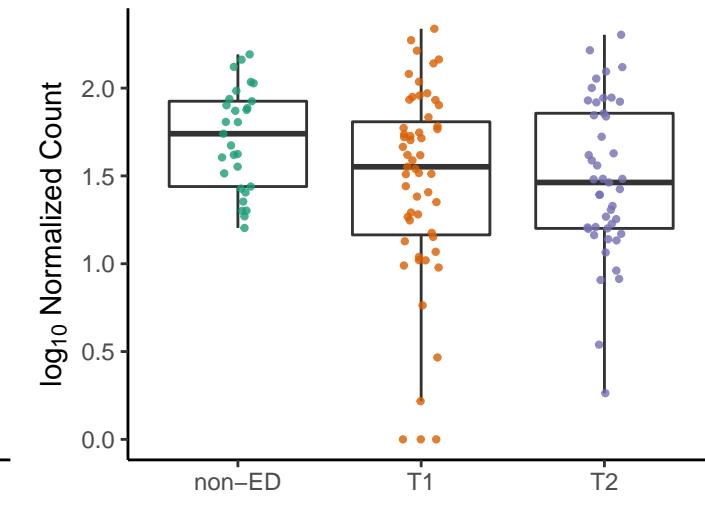
### *Actinomyces* sp. 432

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.85



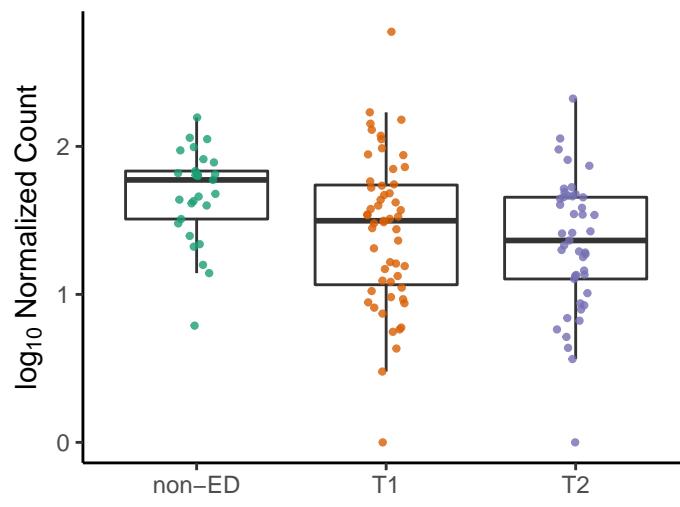
### *Pseudomonas* sp. CC6-YY-74

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.9



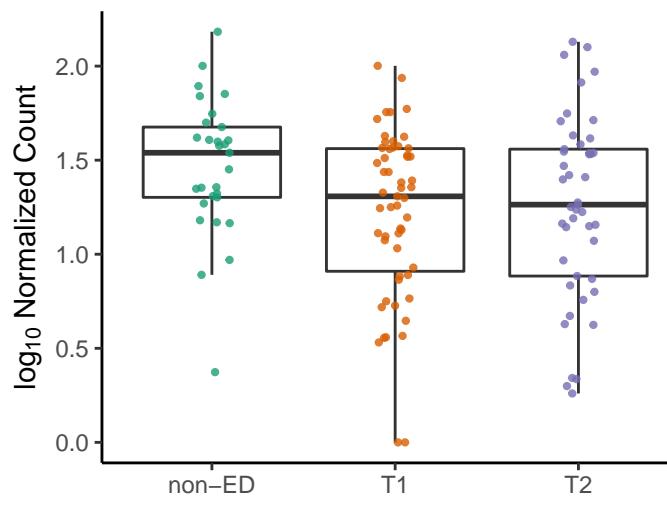
### *Nitrosomonas* sp. Is79A3

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0046  
T1 vs. T2 adjusted p = 0.85



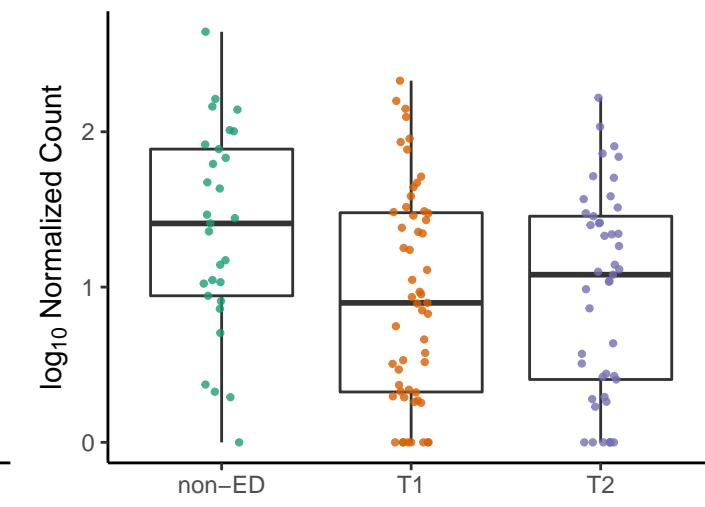
### *Acinetobacter* sp. TTH0-4

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.88



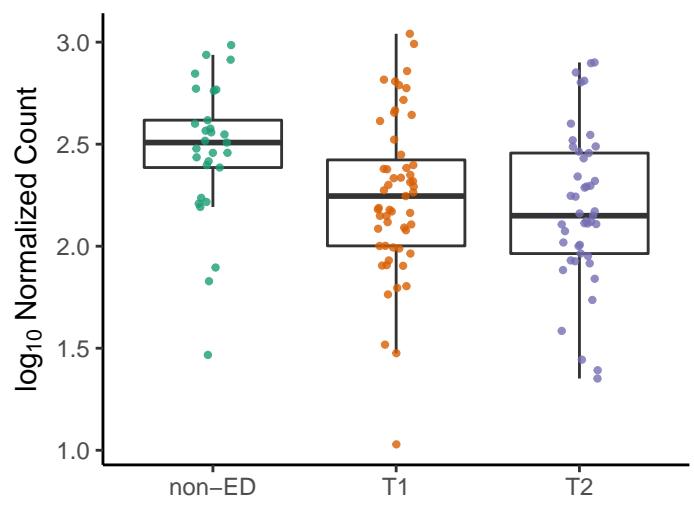
### *Pseudoalteromonas rutenica*

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.98



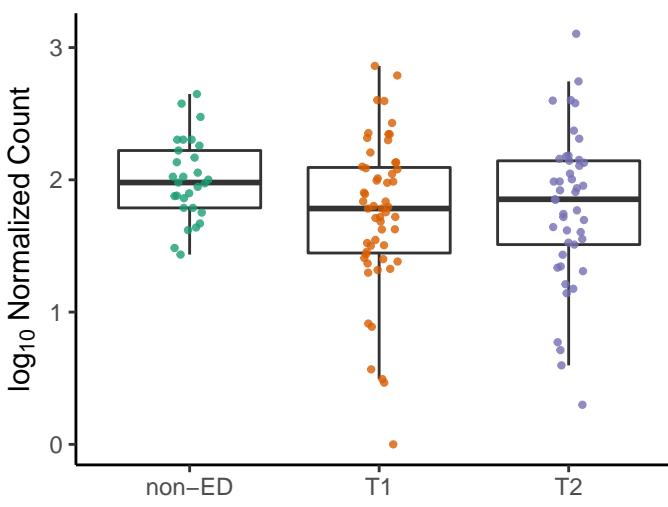
### *Caloranaerobacter azorensis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.87



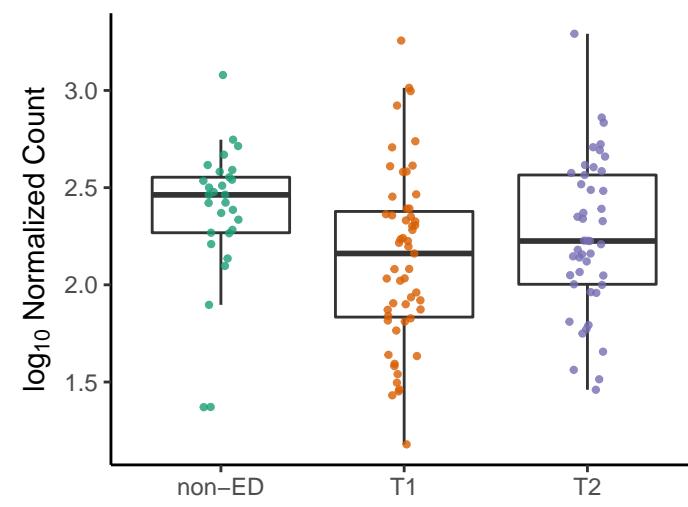
### *Streptomyces anulatus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.87



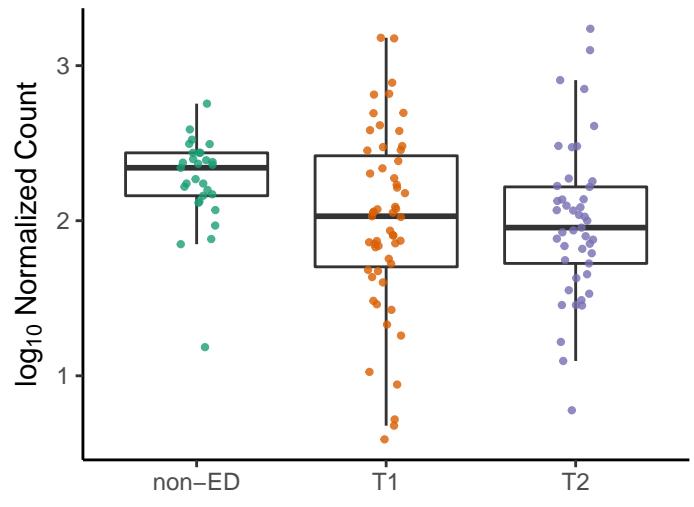
### *Lactococcus piscium*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



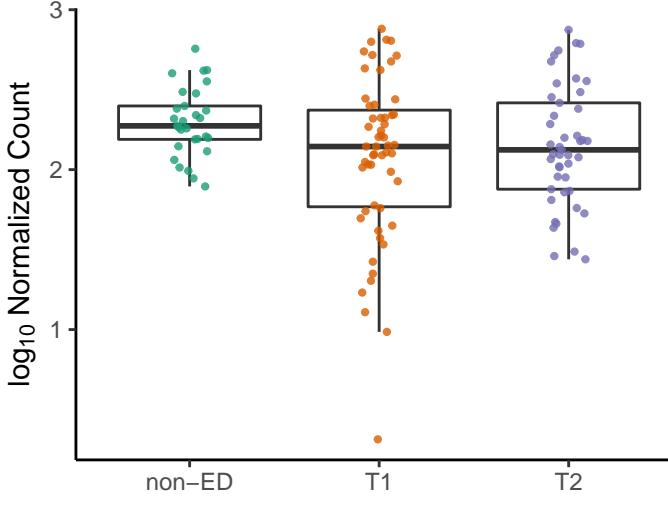
### *Candidatus Koribacter versatilis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.97



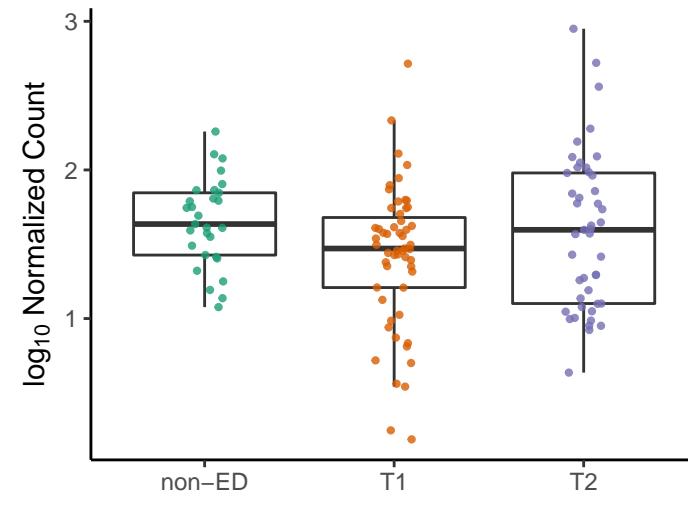
### *Gloeobacter violaceus*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.85



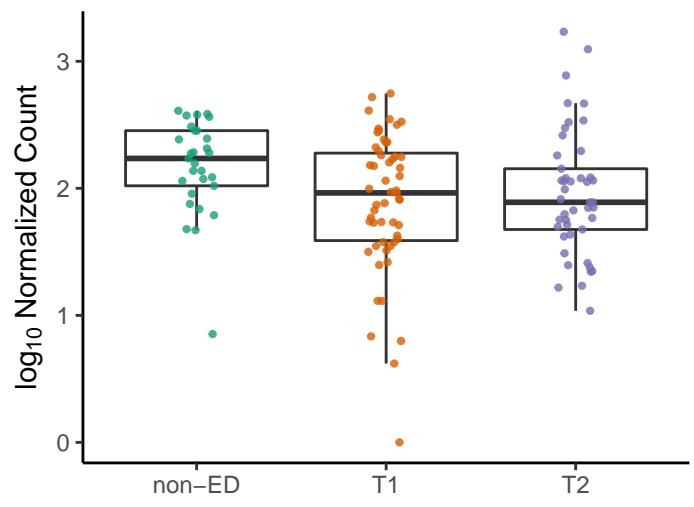
### *Pseudomonas vancouverensis*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.57  
 T1 vs. T2 adjusted p = 0.84



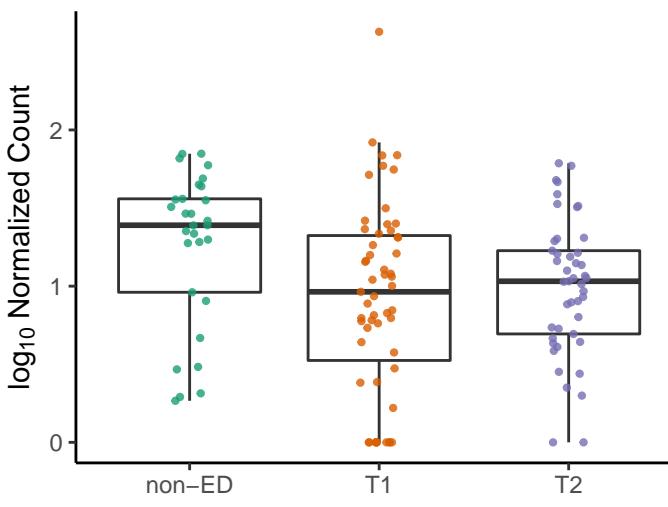
### *Tsukamurella tyrosinosolvens*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.85



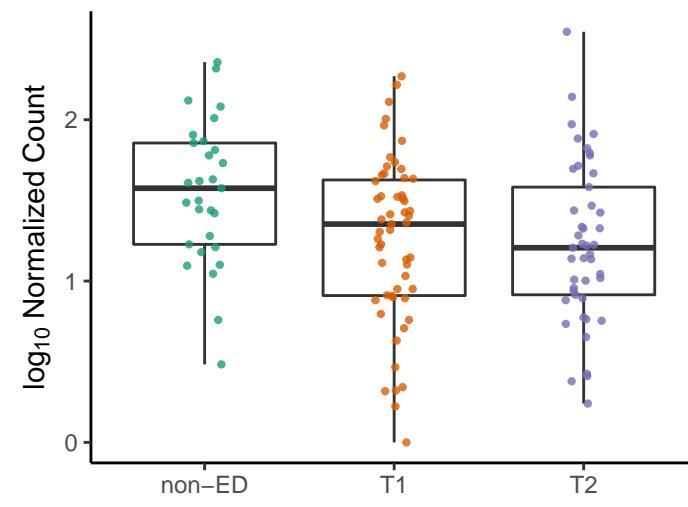
### Unclassified *Cutibacterium* Genus

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.87

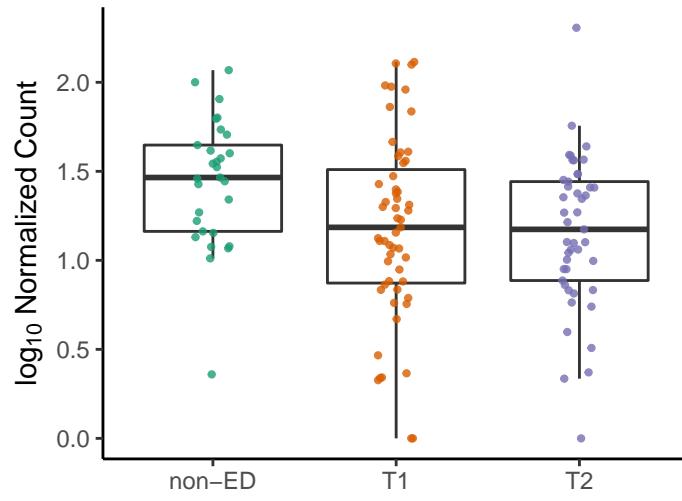


### *Methanococcus voltae*

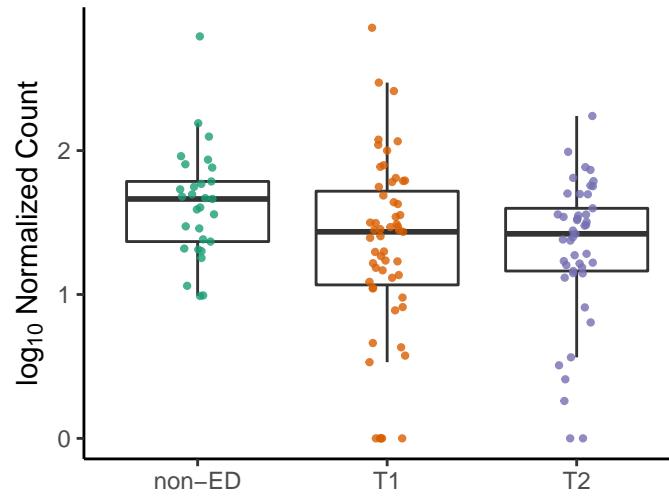
non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.97



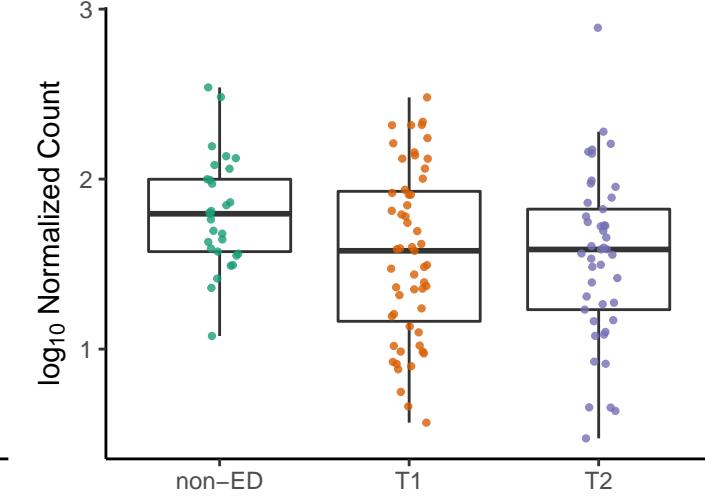
*Bathymodiolus thermophilus* thioautotrc  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.91



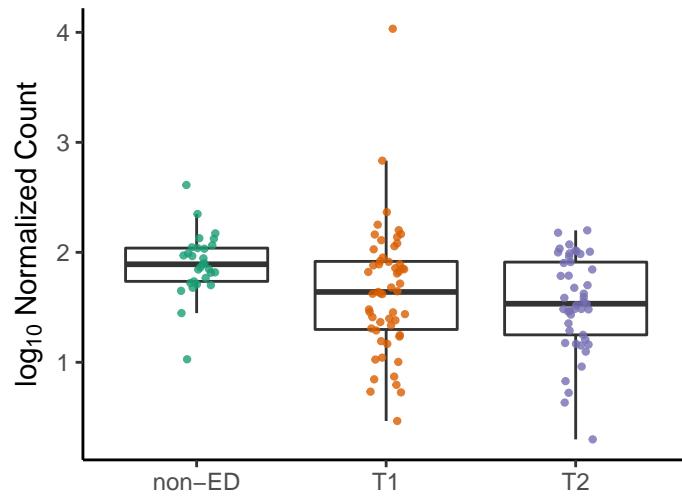
*Xanthomonas vasicola*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.9



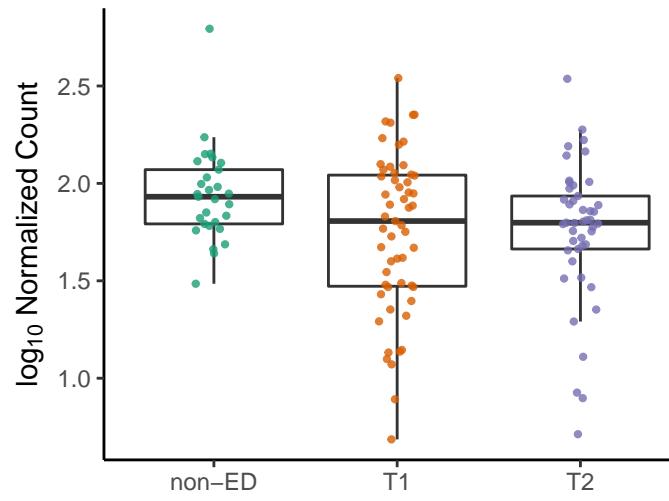
*Mycobacterium sarraceniae*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.96



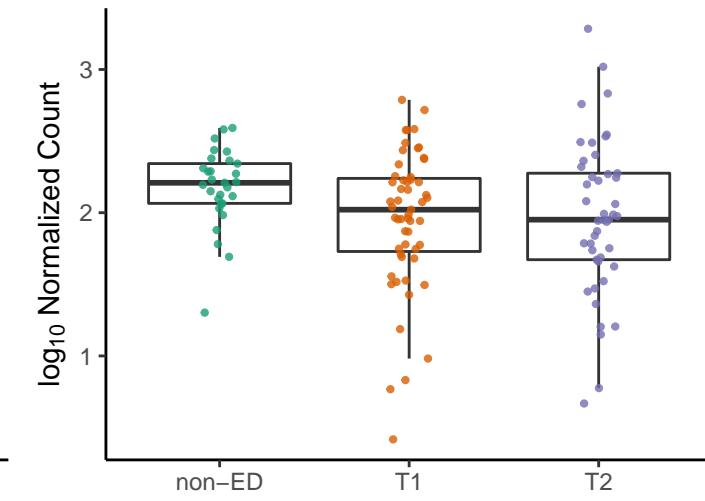
*Malassezia restricta*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.85



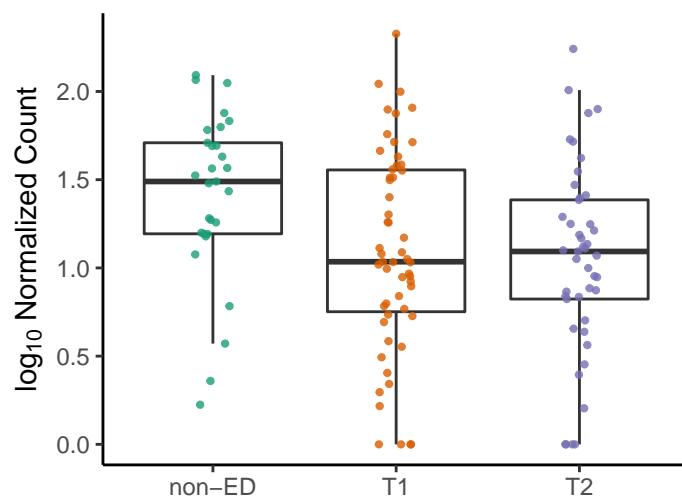
*Pantoea alhagi*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.9



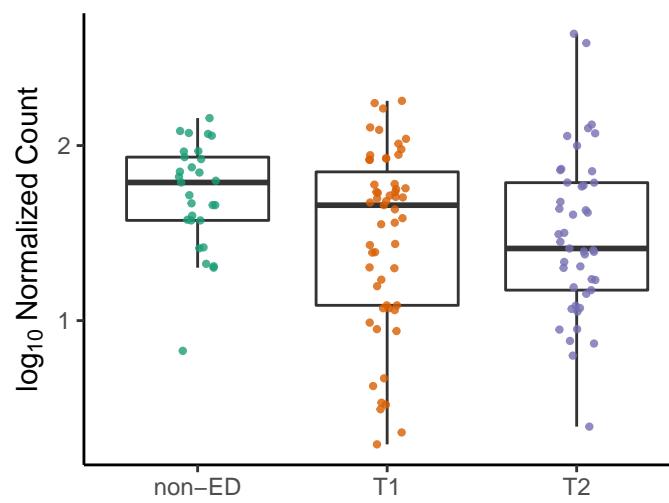
*Betaproteobacteria bacterium GR16–43*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.85



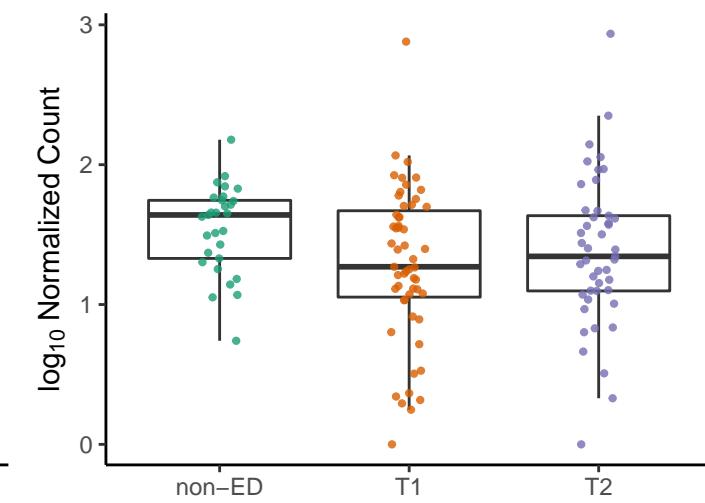
*Candidatus Amoebophilus asiaticus*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.93



*Methylbacillus flagellatus*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 1

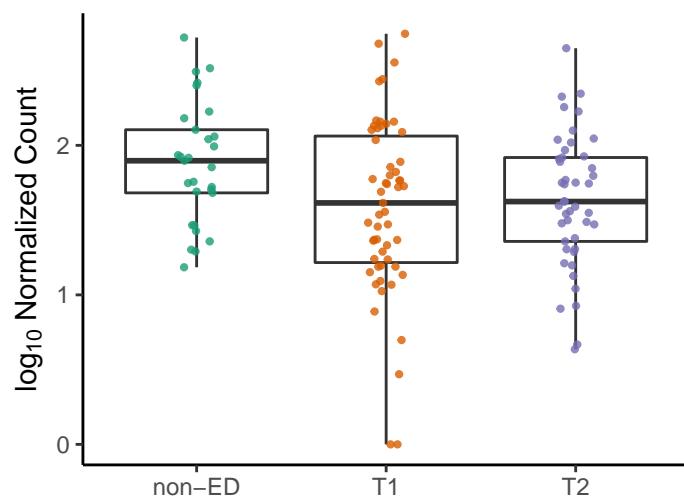


*Moraxella bovoculi*  
non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.98



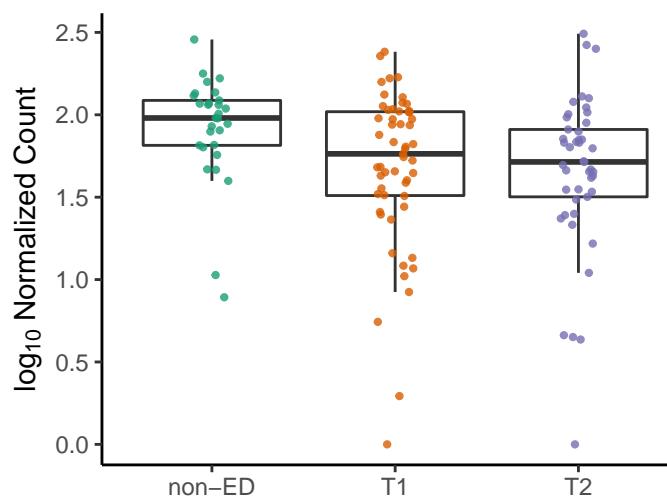
### *Mycobacterium shigaense*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



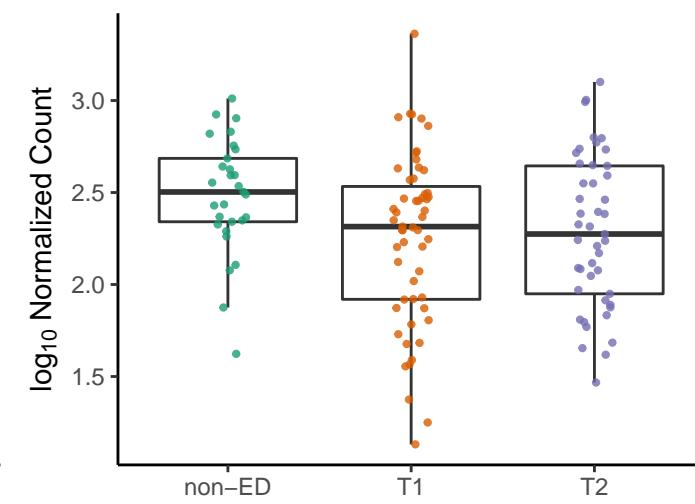
### *Prosthecochloris aestuarii*

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



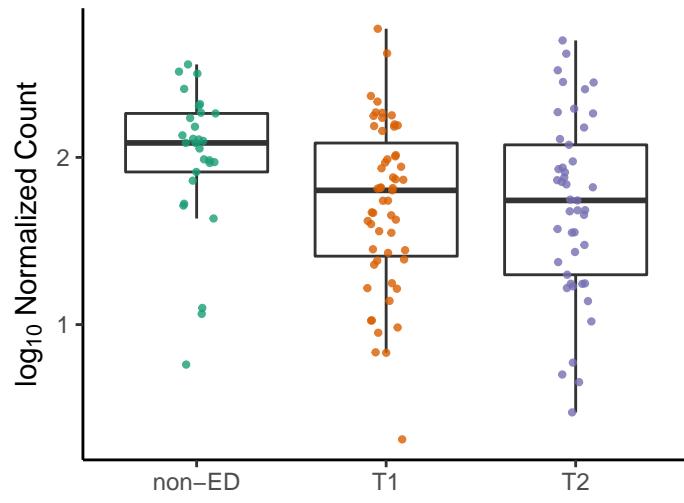
### *Stigmatella aurantiaca*

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.87



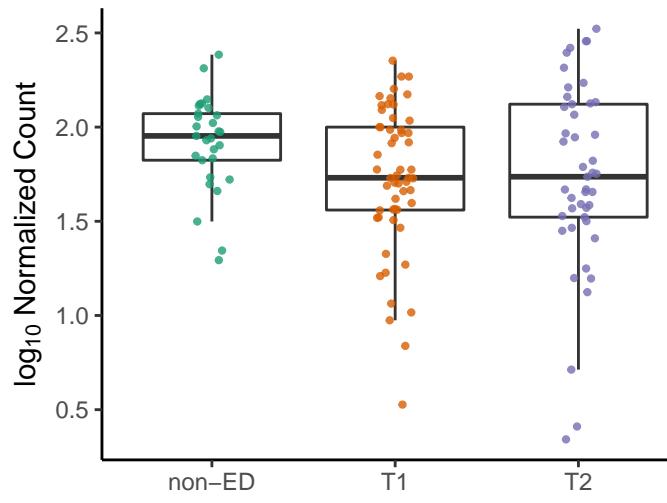
### *Streptomyces* sp. WAC 01438

non-ED vs. T1 adjusted p = 0.023  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.98



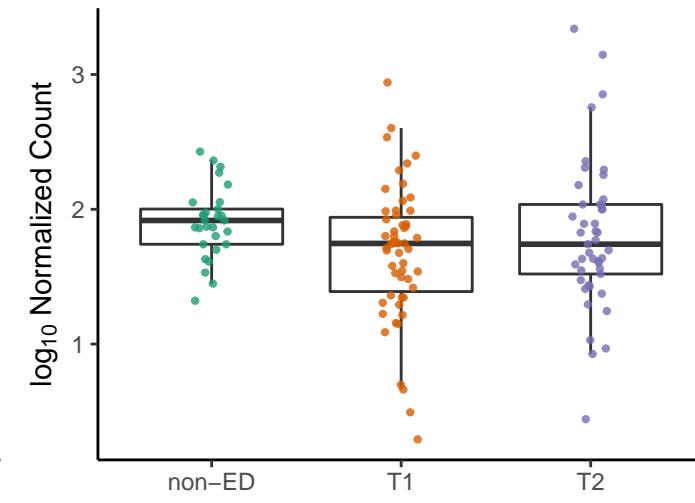
### *Leptolyngbya boryana*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.94



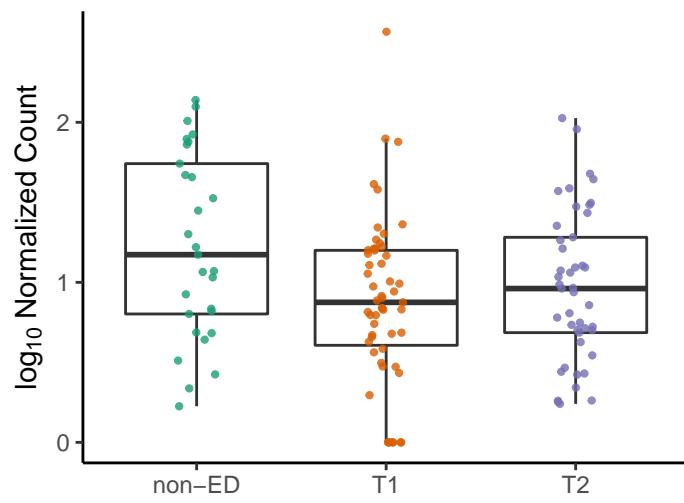
### *Frondihabitans* sp. 762G35

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.36  
 T1 vs. T2 adjusted p = 0.85



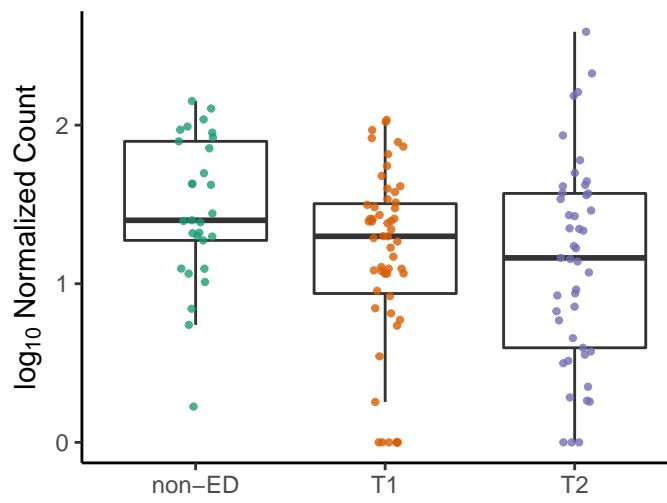
### *Bradyrhizobium* sp. WSM471

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.85



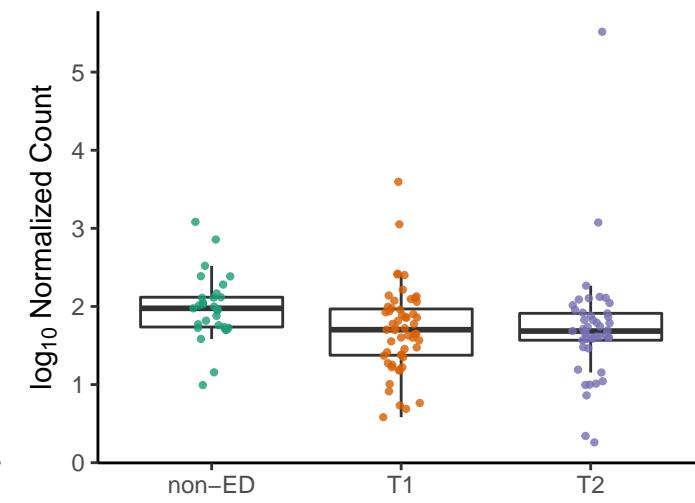
### *Pseudomonas fuscovaginae*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.98



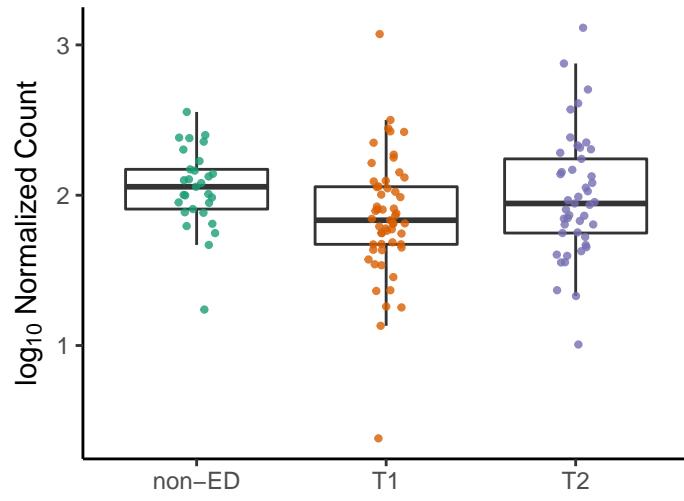
### *Weissella confusa*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.96



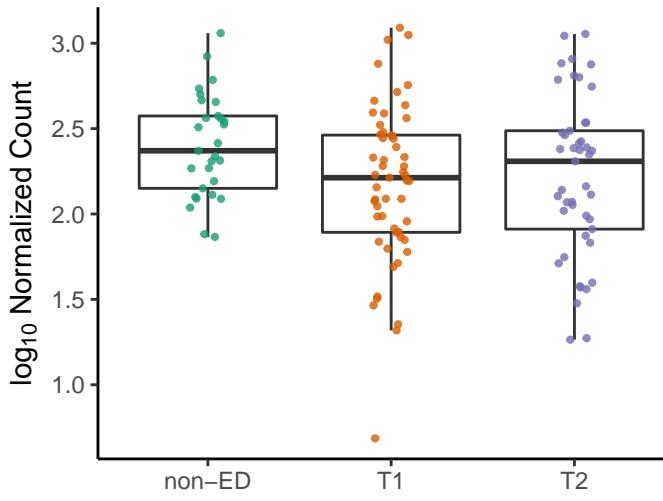
### *Geobacillus subterraneus*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.51  
 T1 vs. T2 adjusted p = 0.85



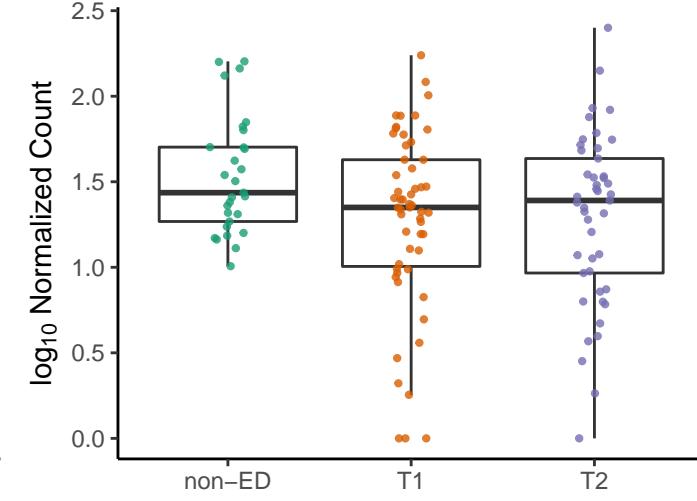
### *Bifidobacterium actinocoloniiforme*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



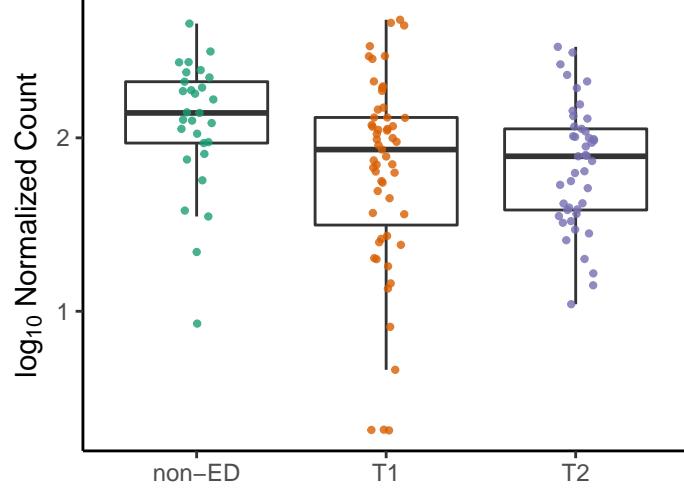
### *Planctomycetes bacterium Mal33*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.85



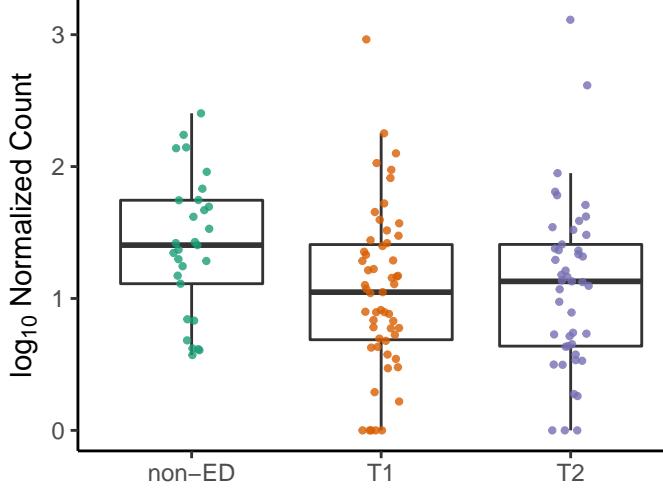
### *Streptomyces violaceoruber*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 1



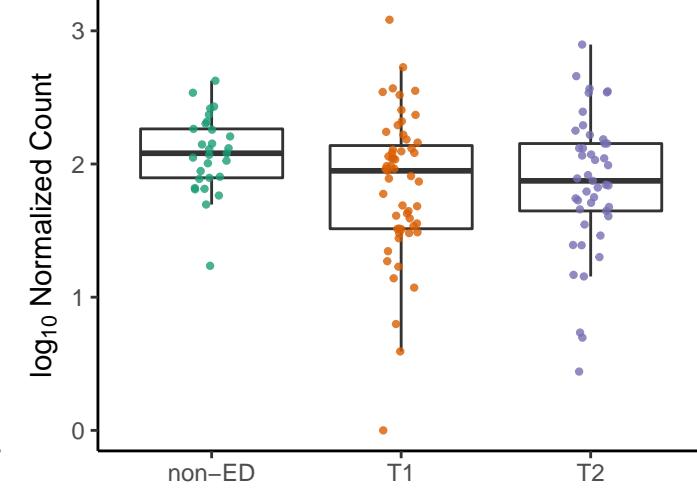
### *Thermococcus cleftensis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.9



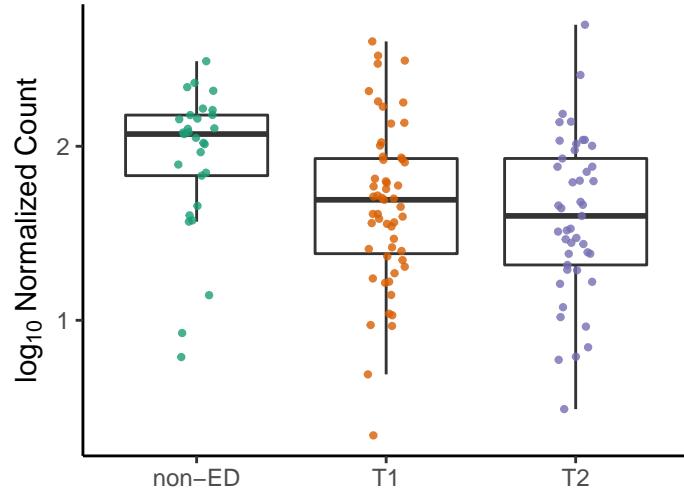
### *Friedmanniella luteola*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.87



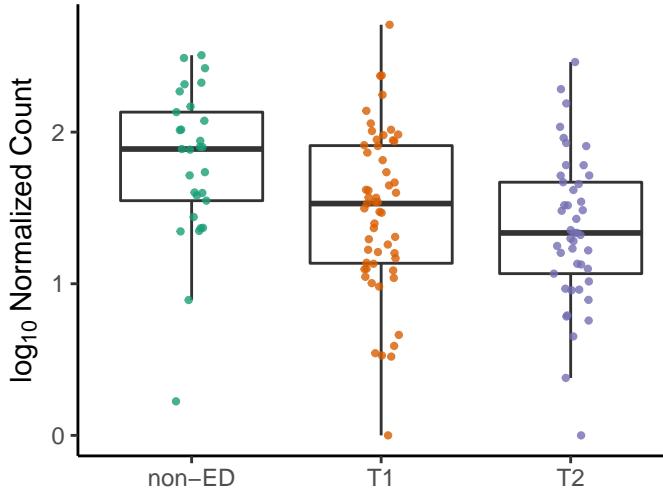
### *Acholeplasma laidlawii*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



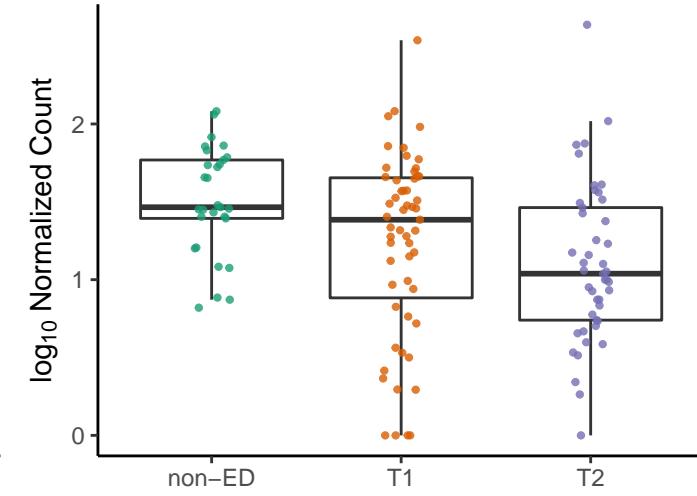
### *Sneathia amnii*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.0063  
 T1 vs. T2 adjusted p = 0.85



### *Unclassified Oceanospirillales Order*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.0032  
 T1 vs. T2 adjusted p = 0.85

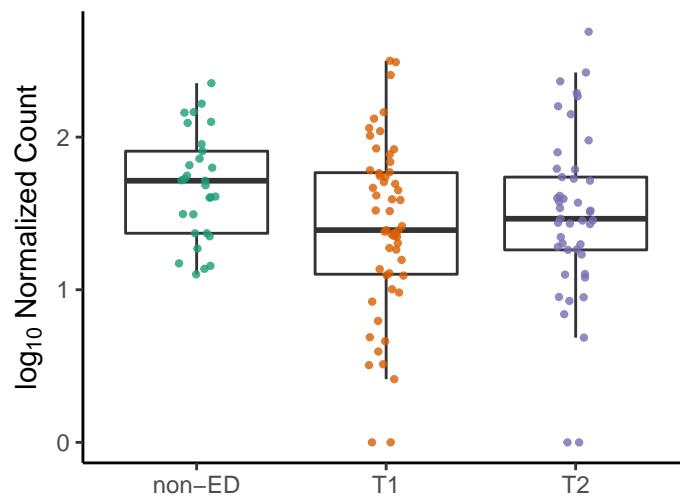


### *Altererythrobacter donganensis*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.85

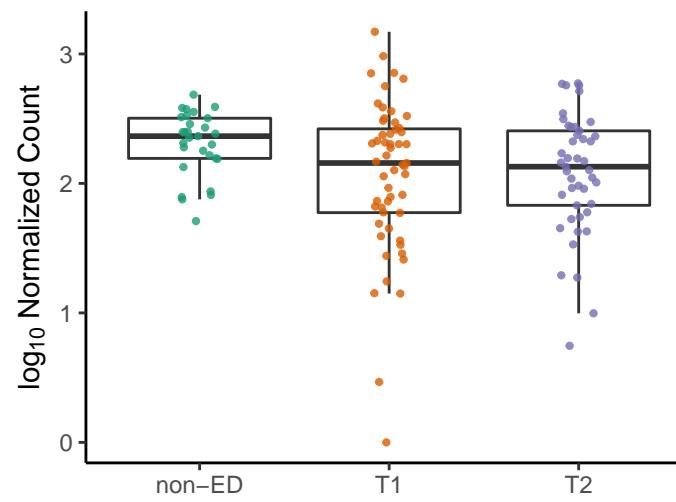


### *Kitasatospora sp. MMS16-BH015*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.025

T1 vs. T2 adjusted p = 0.87

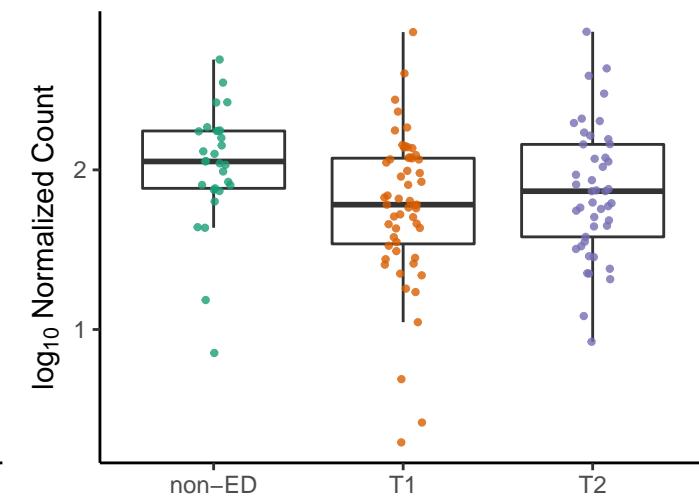


### *Pseudomonas xinjiangensis*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.13

T1 vs. T2 adjusted p = 0.85

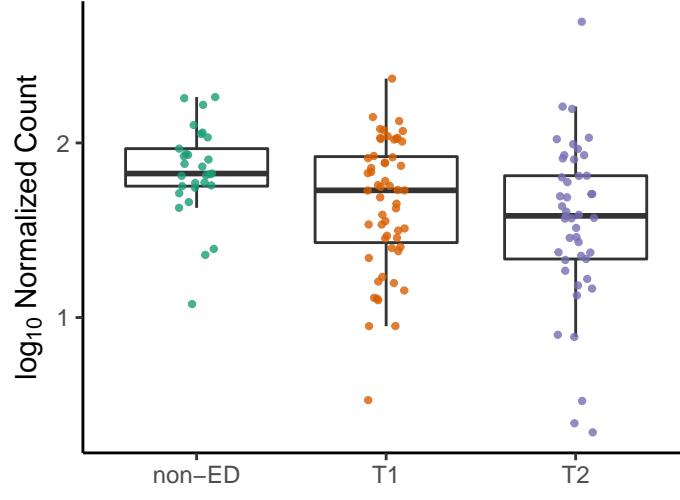


### *Photorhabdus laumondii*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.0084

T1 vs. T2 adjusted p = 0.85

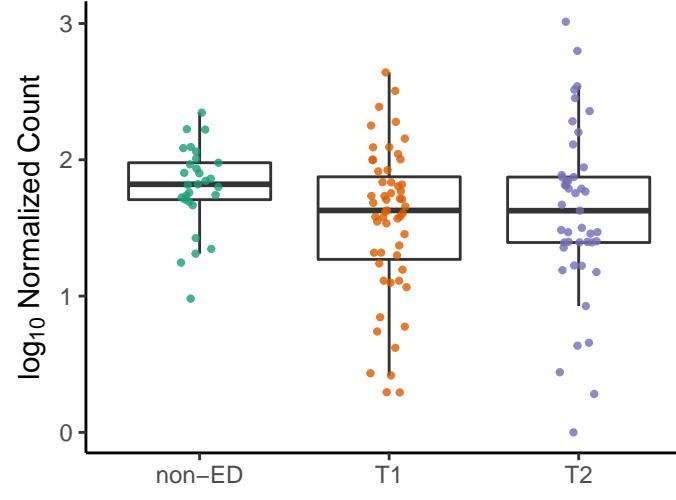


### *Aerosticca soli*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.13

T1 vs. T2 adjusted p = 0.86

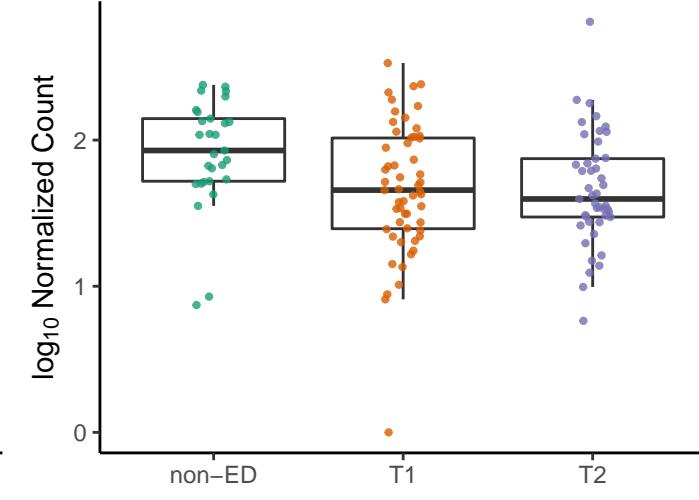


### *Spirochaeta perfilievi*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.022

T1 vs. T2 adjusted p = 0.87

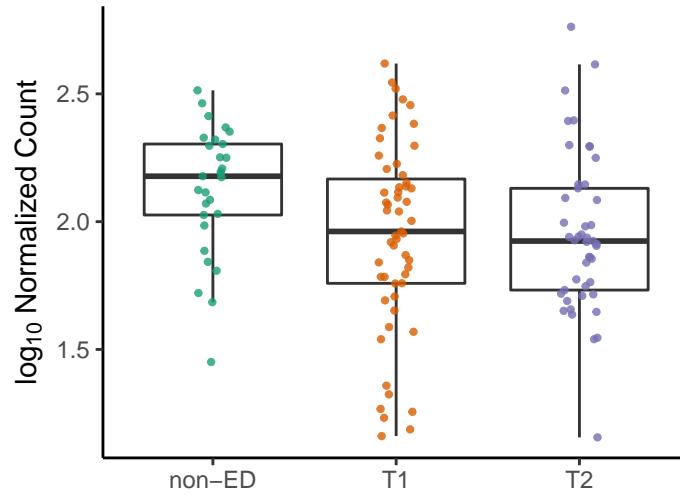


### *Alteromonas macleodii*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.03

T1 vs. T2 adjusted p = 0.95

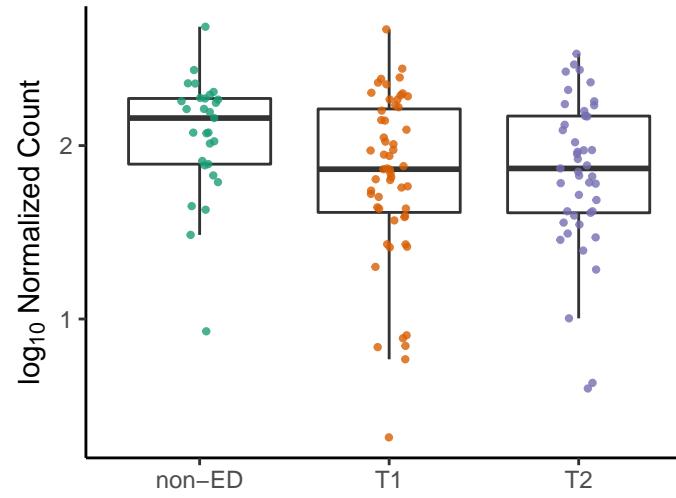


### *Azoarcus sp. CIB*

non-ED vs. T1 adjusted p = 0.024

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.91

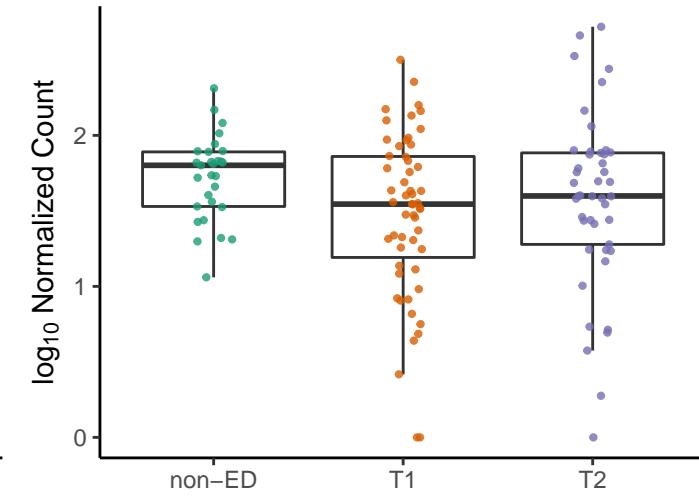


### *Candidatus Bipolaricaulis anaerobius*

non-ED vs. T1 adjusted p = 0.024

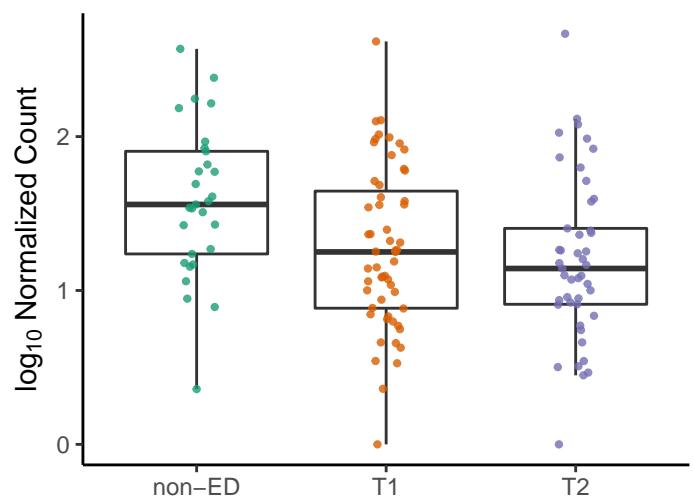
non-ED vs. T2 adjusted p = 0.2

T1 vs. T2 adjusted p = 0.85



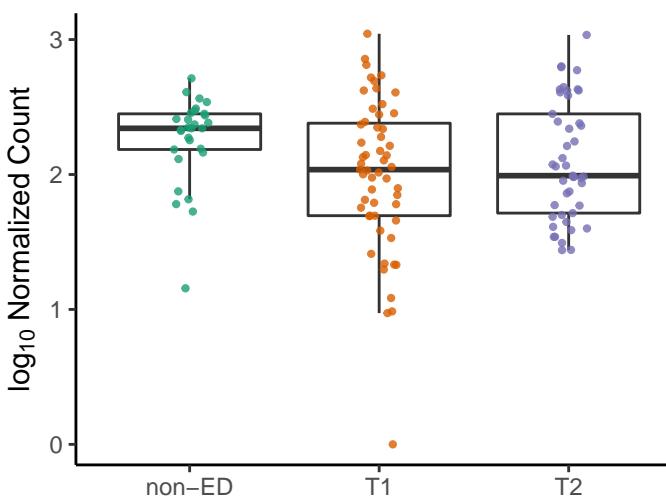
### Candidatus Thiogobius sp. NP1

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.86



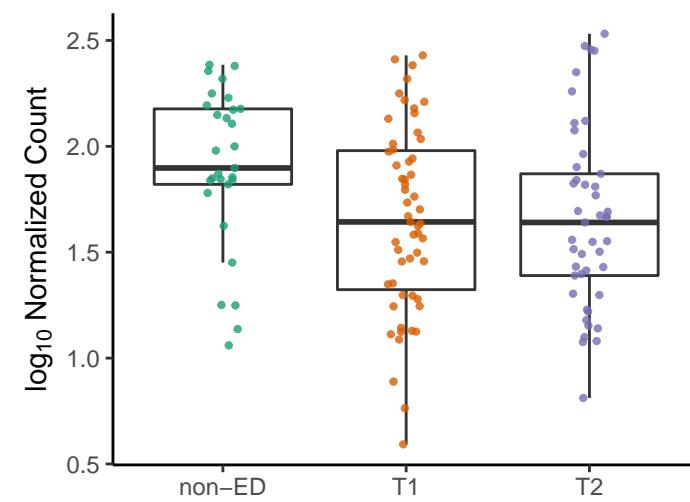
### Planctomycetes bacterium Poly30

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



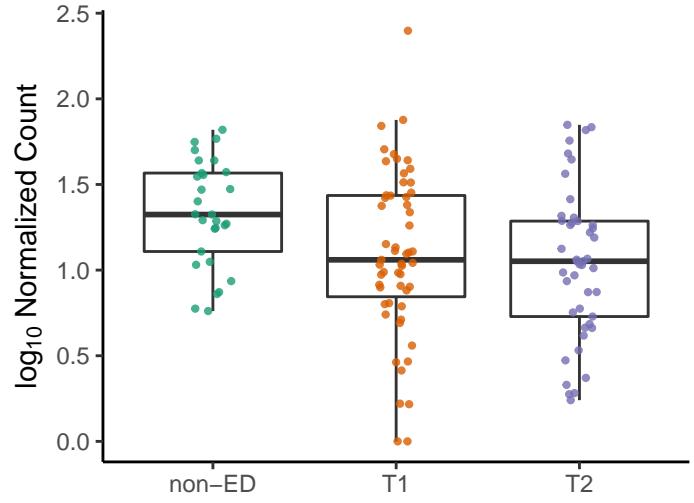
### Salinibacterium sp. dk2585

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.92



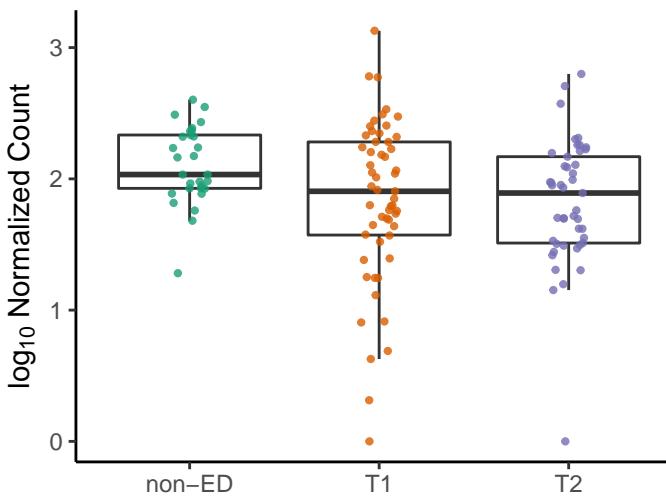
### Shewanella sp. YLB-06

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.91



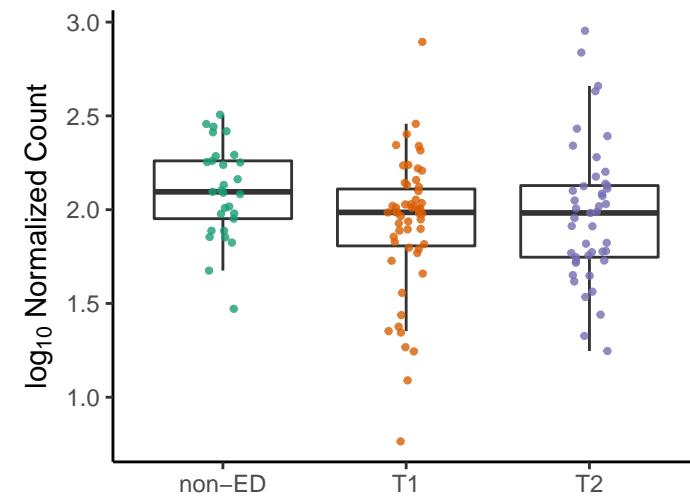
### Streptomyces nodosus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.96



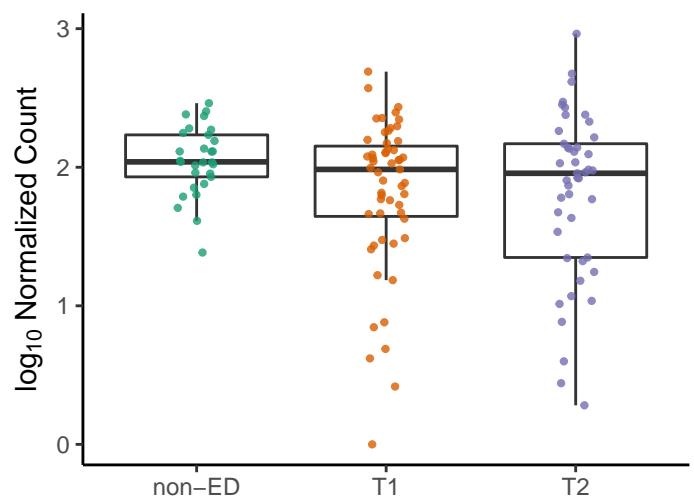
### Thermaanaeromonas toyohensis

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



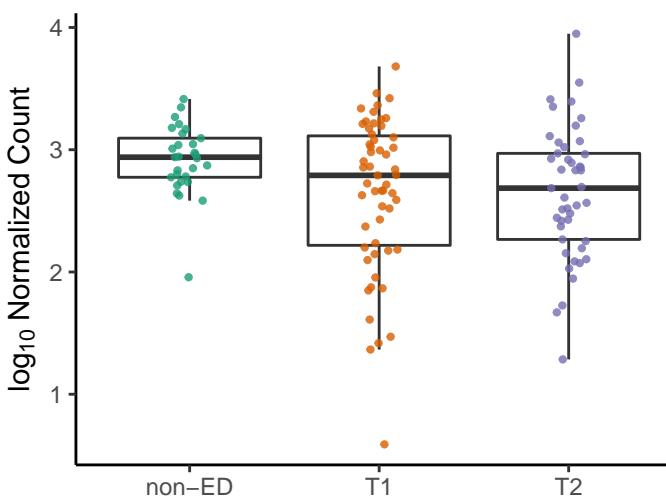
### Azospirillum humicireducens

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.89



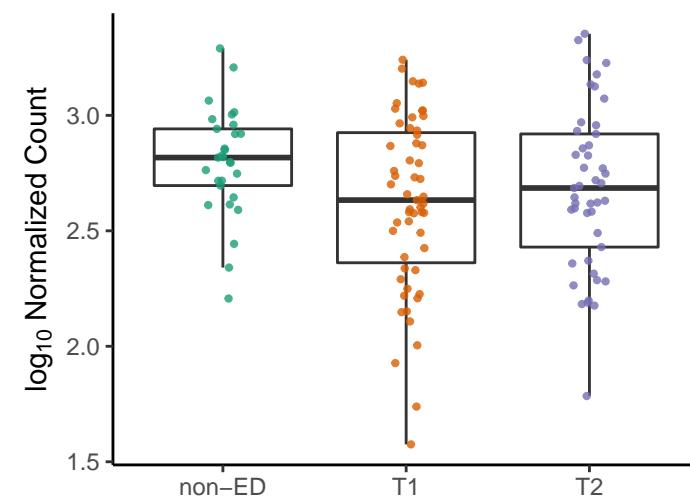
### Desulfovibrio vulgaris

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.94



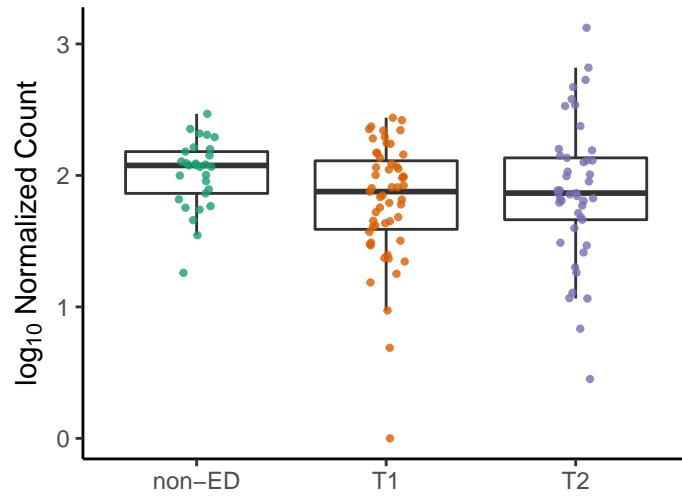
### Paenibacillus mucilaginosus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



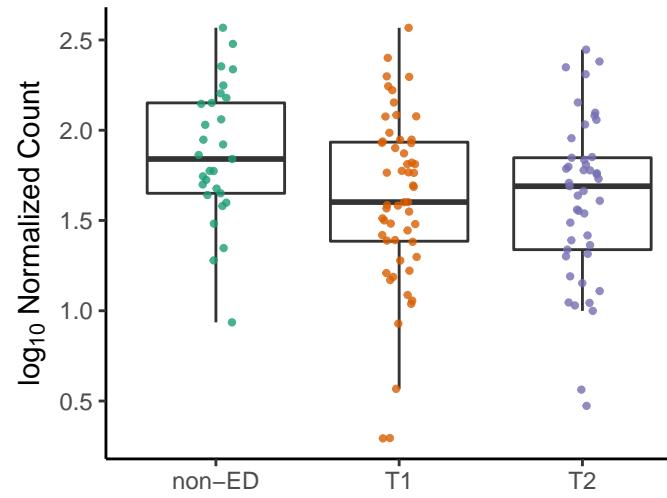
### *Mycobacterium avium*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



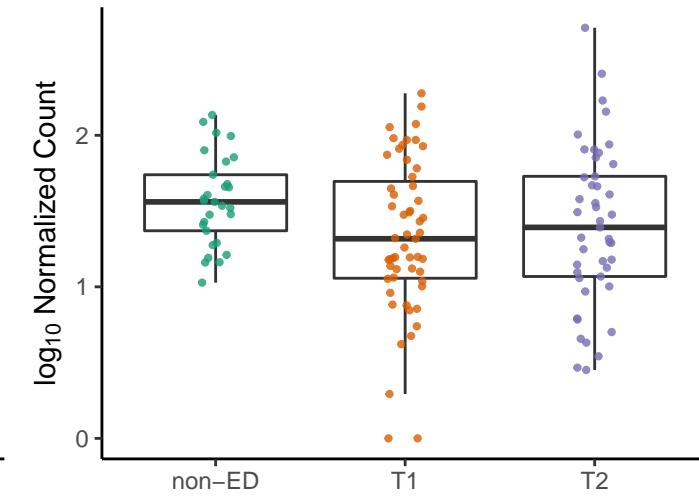
### *Nocardioides sp. JQ2195*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.92



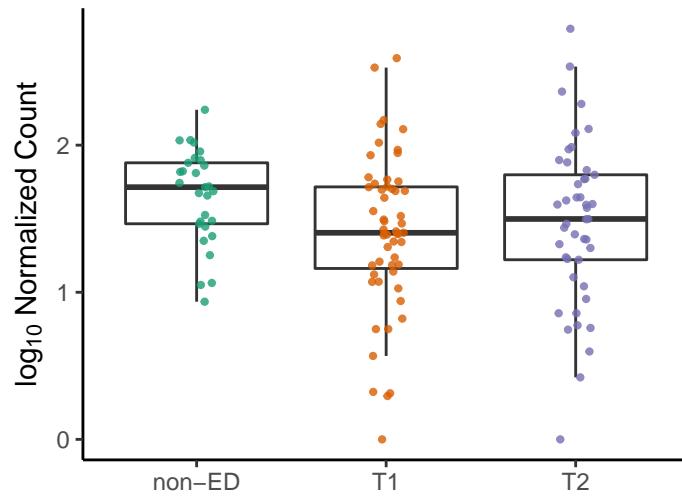
### *Pseudomonas extremaustralis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



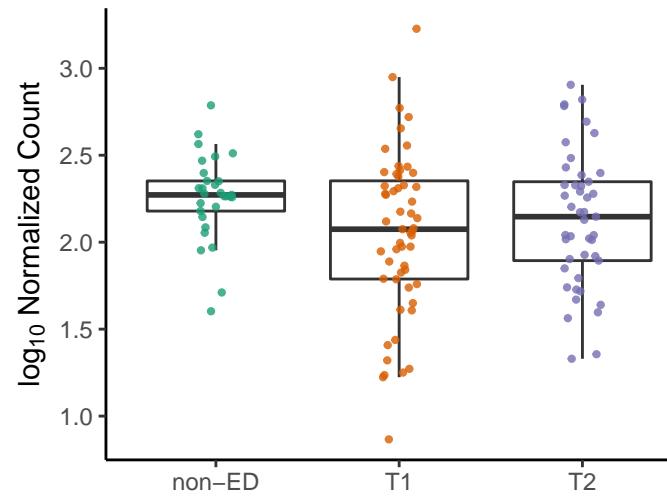
### *Methylocystis bryophila*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



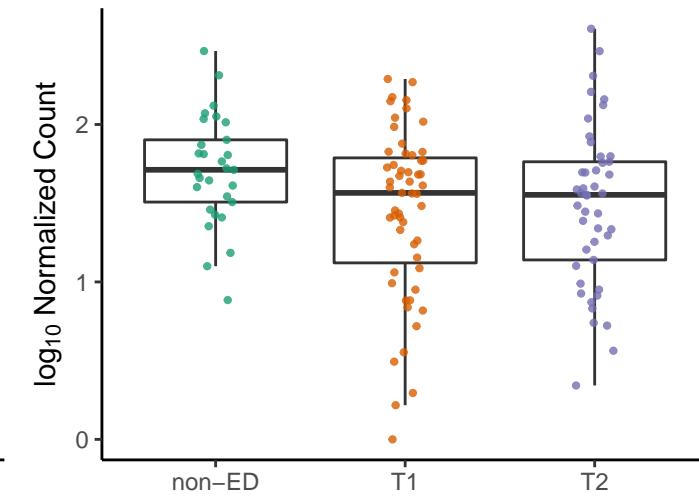
### *Cyanobium sp. NIES-981*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



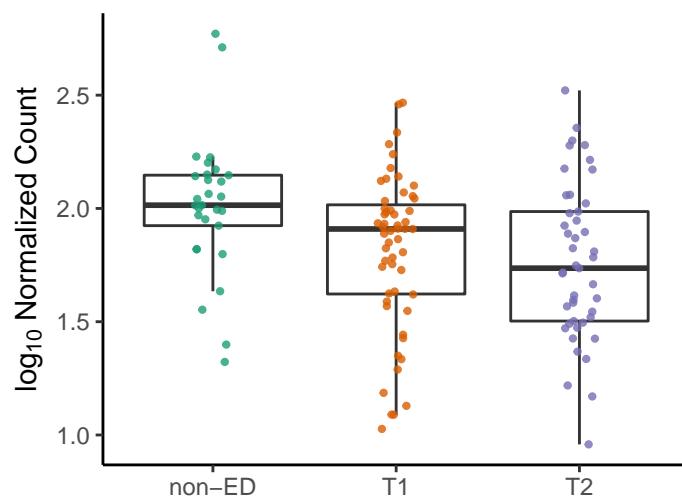
### *Rathayibacter iranicus*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.85



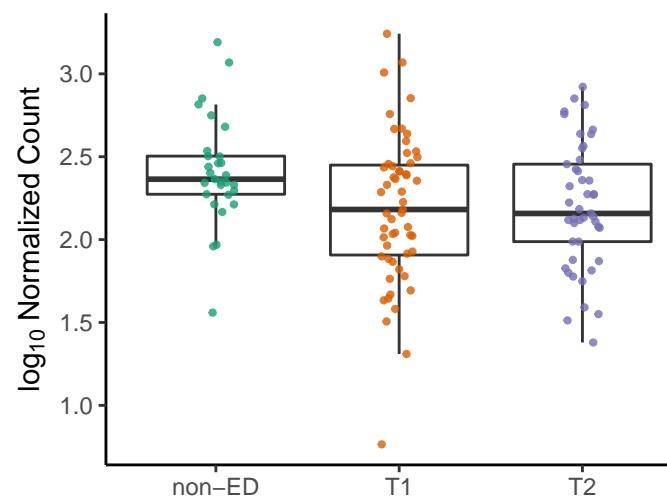
### *Serratia sp. ATCC 39006*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.97



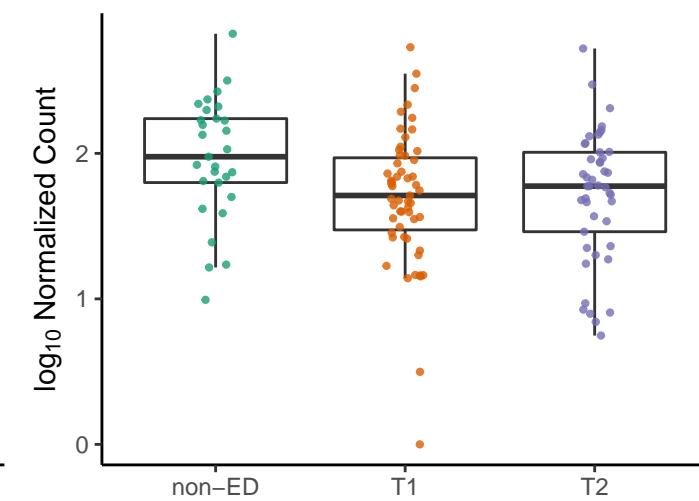
### *Ensifer adhaerens*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.87



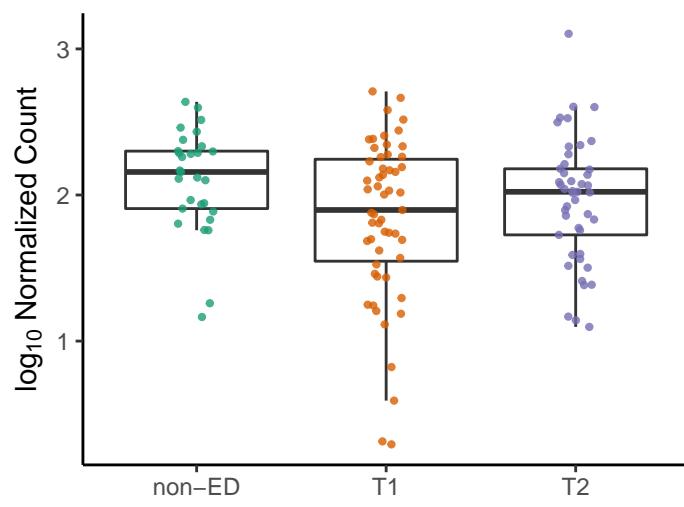
### *Corynebacterium lactis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.93



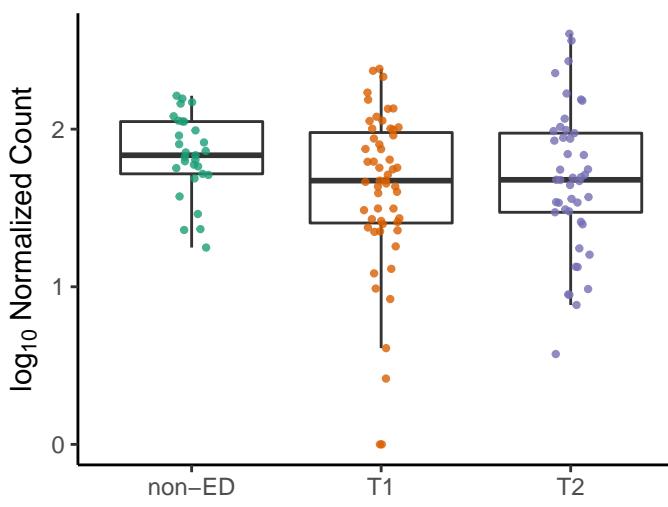
### *Micromonospora krabiensis*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



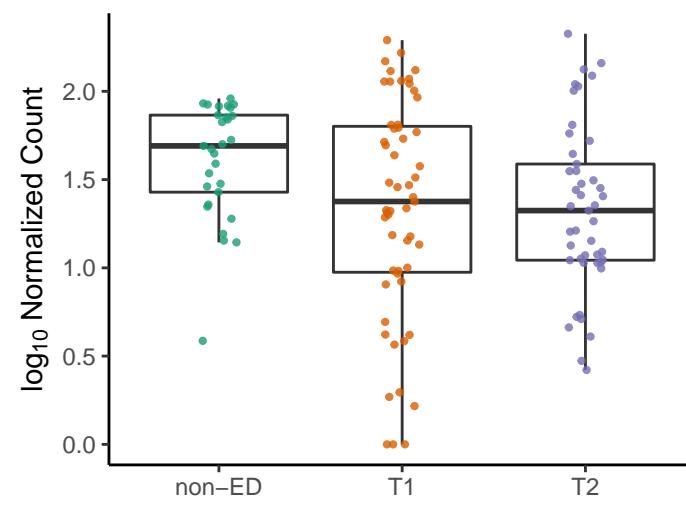
### *Halioglobus maricola*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.86



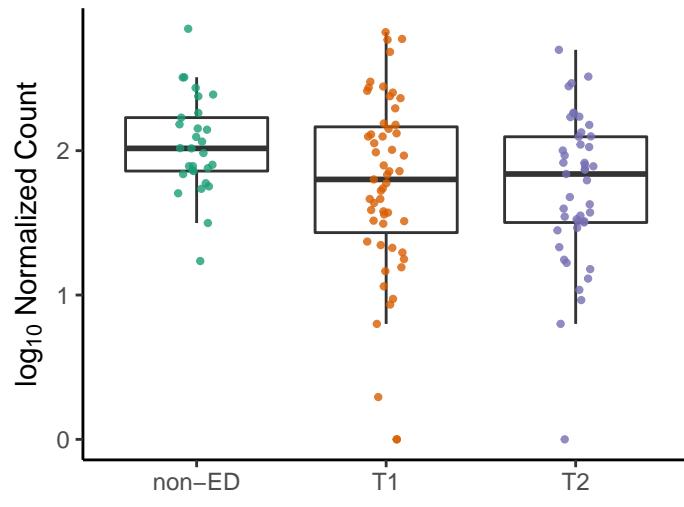
### *Microbacterium sp. LKL04*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.99



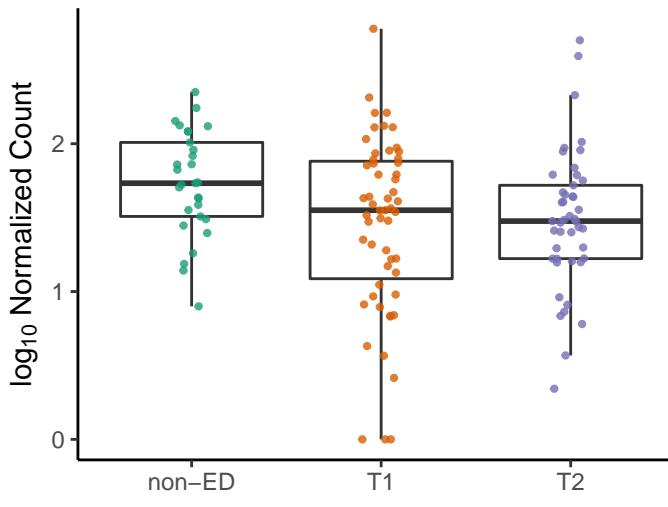
### *Nocardioides sp. CF8*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.91



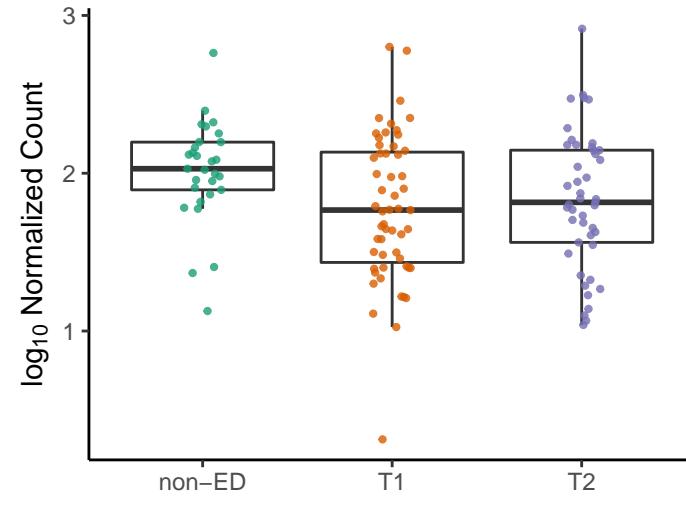
### *Bermanella marisrubri*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.97



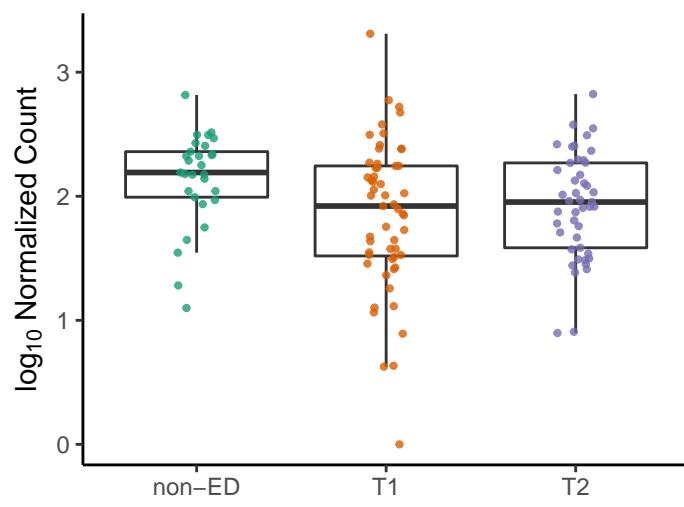
### *Mycobacterium sp. MS1601*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.85



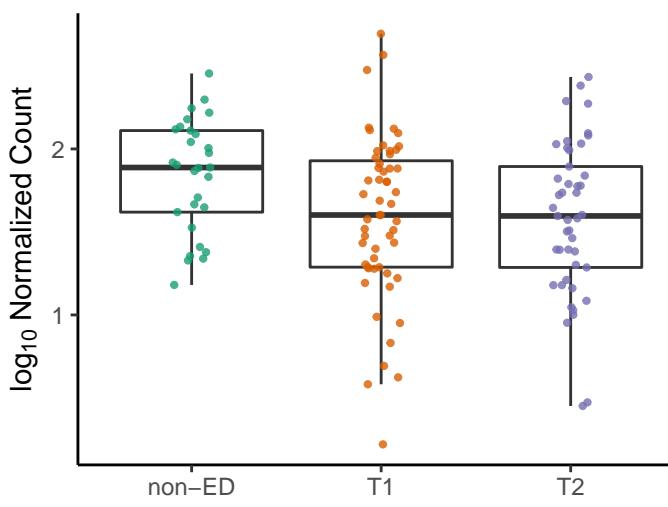
### *Methyloversatilis sp. RAC08*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.85



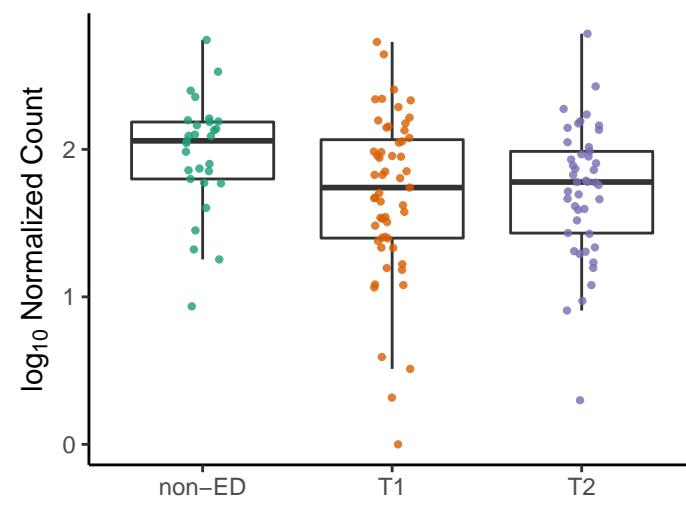
### *Mycolicibacterium alvei*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.94



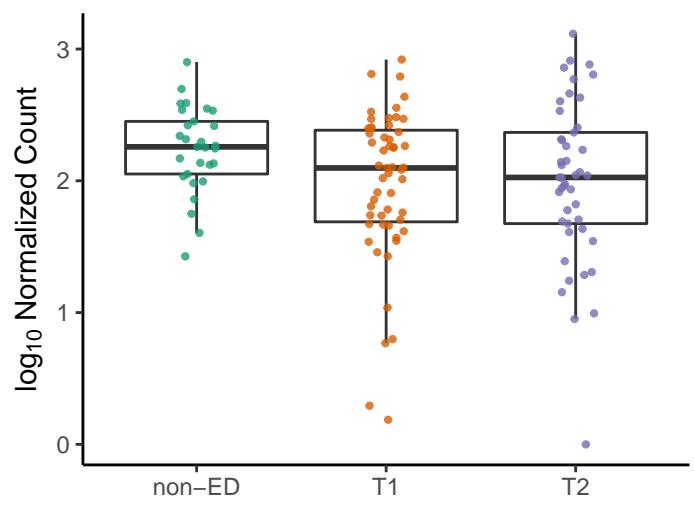
### *Rhodococcus sp. WAY2*

non-ED vs. T1 adjusted p = 0.024  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



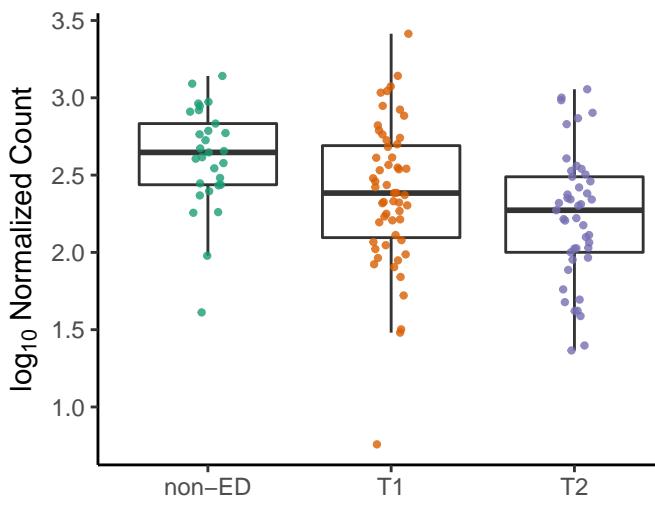
### Nocardioides sp. R-3366

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.87



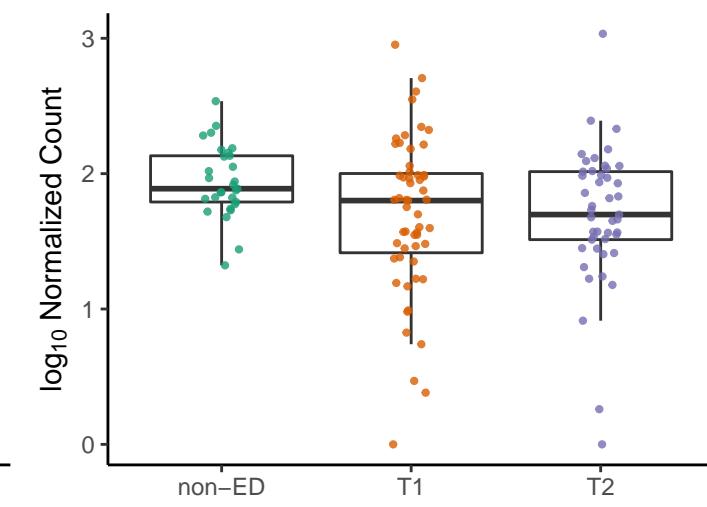
### Clostridium isatidis

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.0024  
T1 vs. T2 adjusted p = 0.84



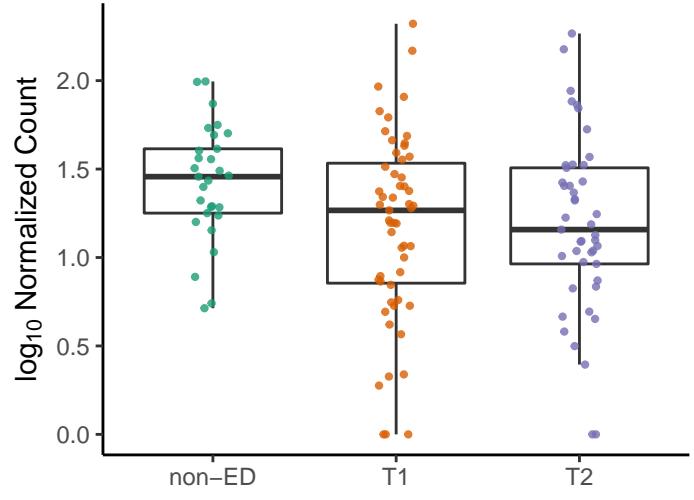
### Burkholderia sp. Bp7605

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.96



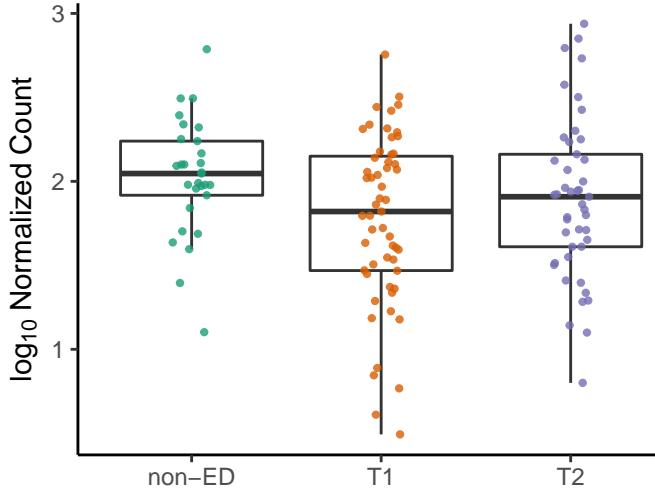
### Coxiella endosymbiont of Amblyomma

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.9



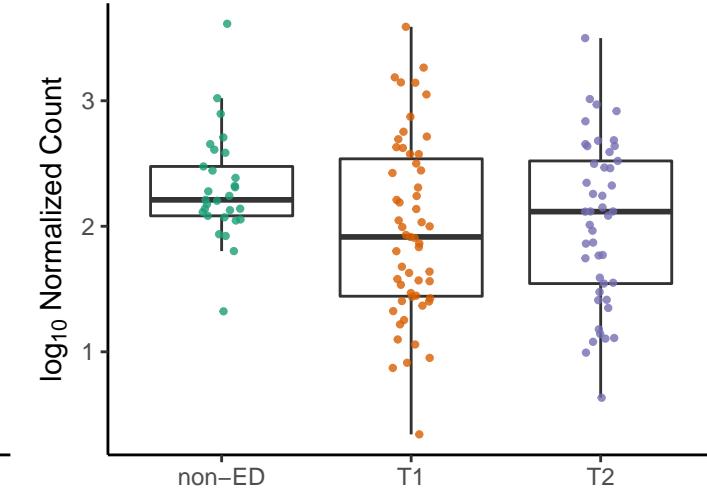
### Streptomyces nigra

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.85



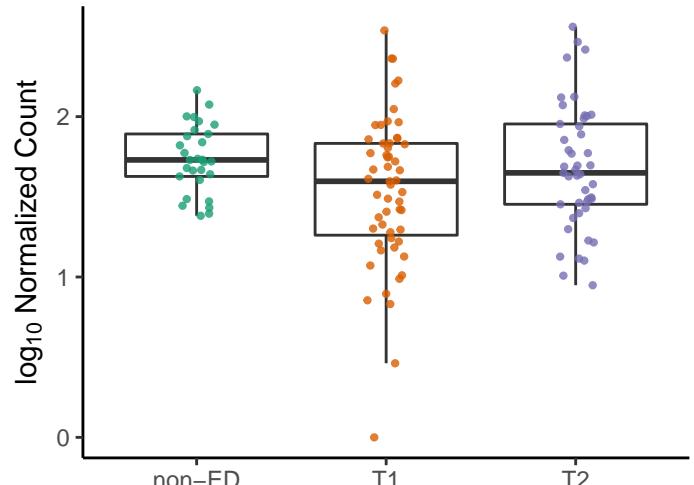
### Unclassified Schaalia Genus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.86



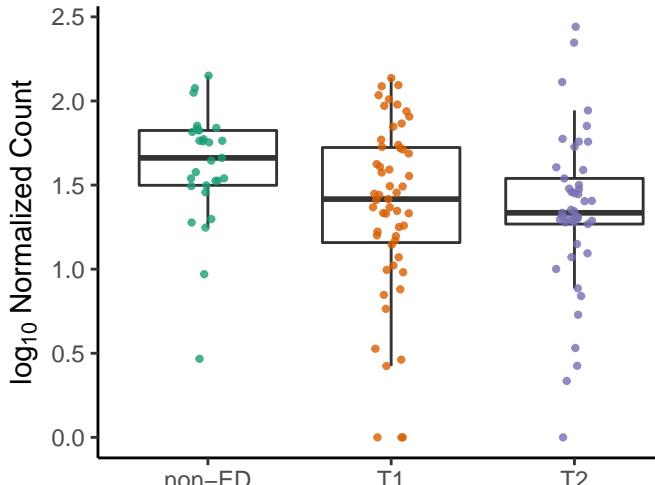
### Dyella sp. M7H15-1

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.46  
T1 vs. T2 adjusted p = 0.85



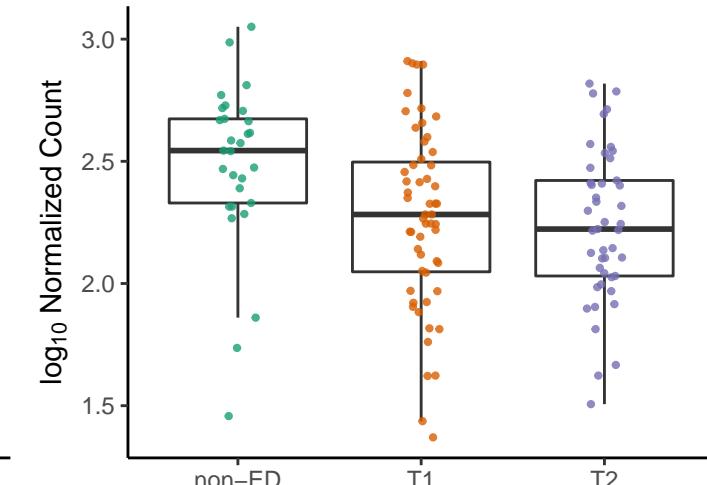
### Acinetobacter venetianus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.98



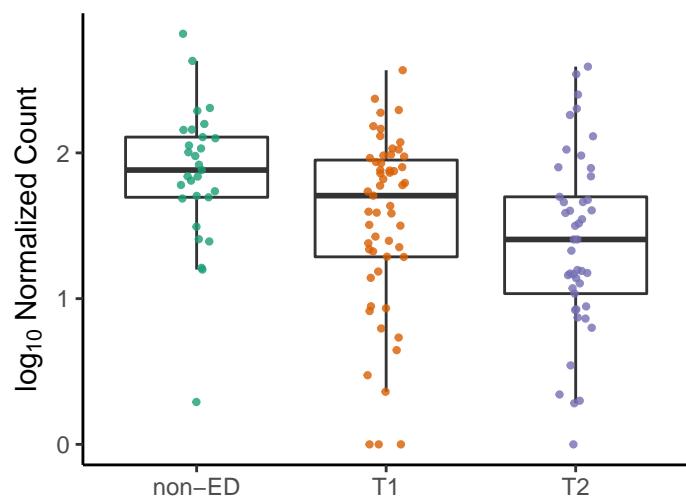
### Clostridium sp. JN500901

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.88



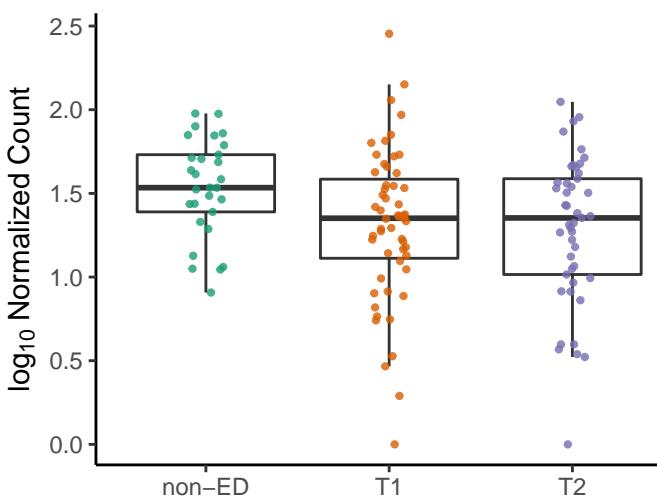
### Unclassified Curtobacterium Genus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.85



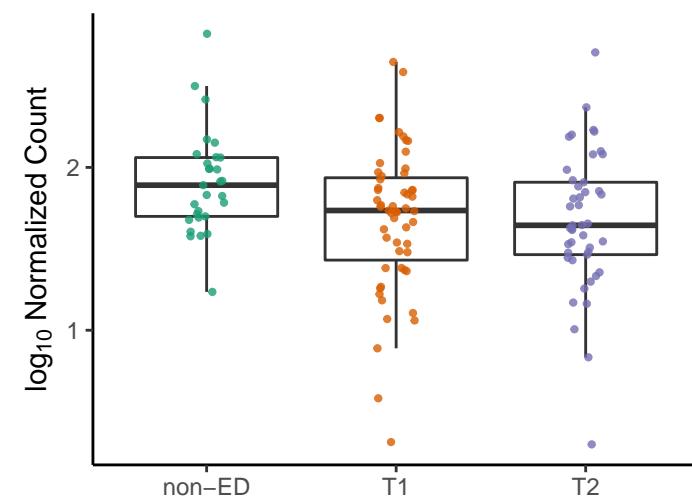
### Kangiella koreensis

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.95



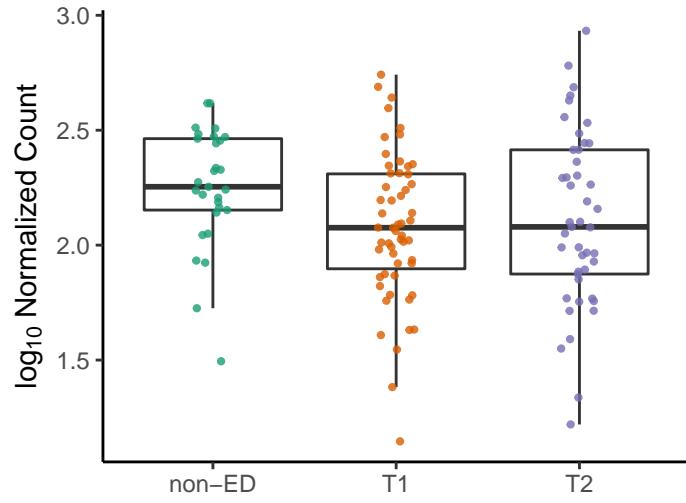
### Rhizobium sp. WL3

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.94



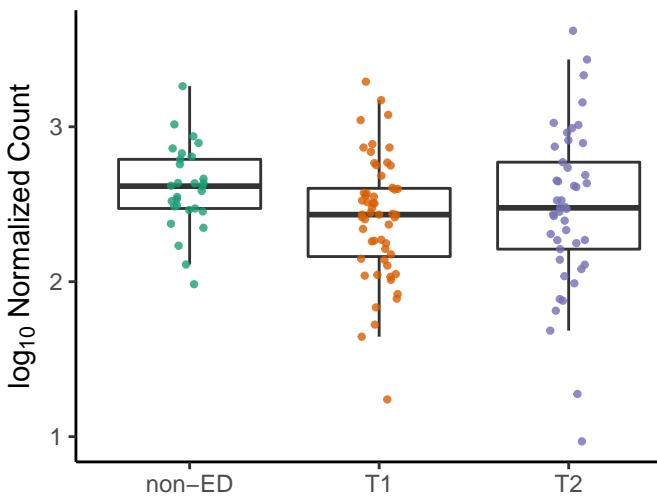
### Unclassified Sporosarcina Genus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.92



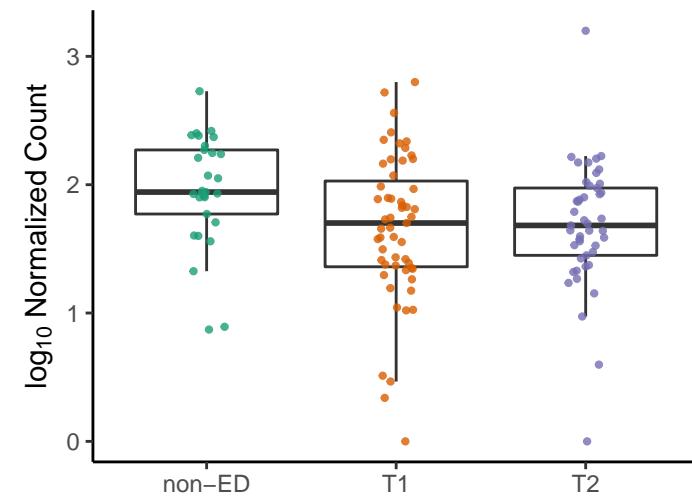
### Paenibacillus sp. 12200R-189

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.85



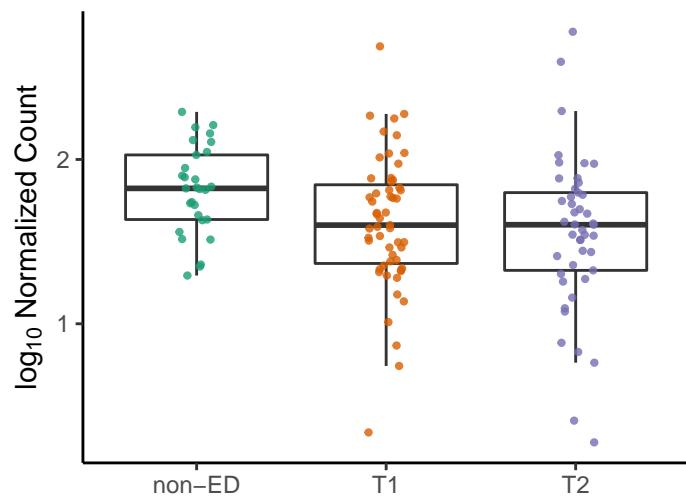
### Frischella perrara

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.94



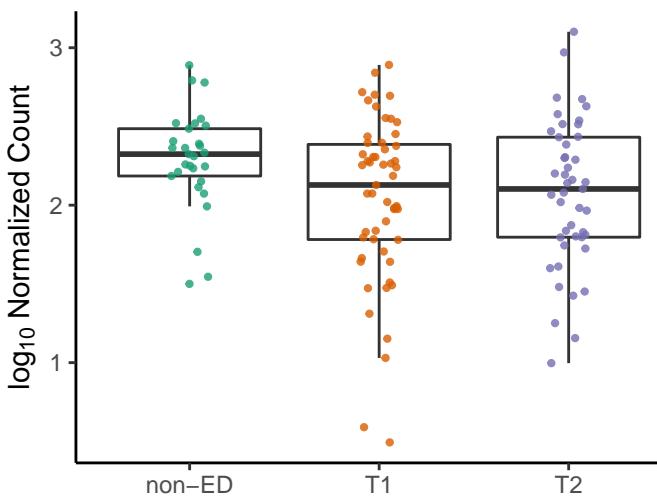
### Staphylococcus chromogenes

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



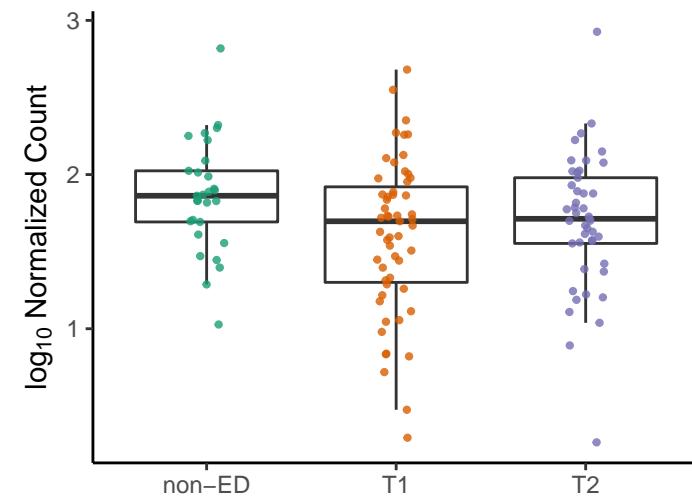
### Streptomyces rimosus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.87

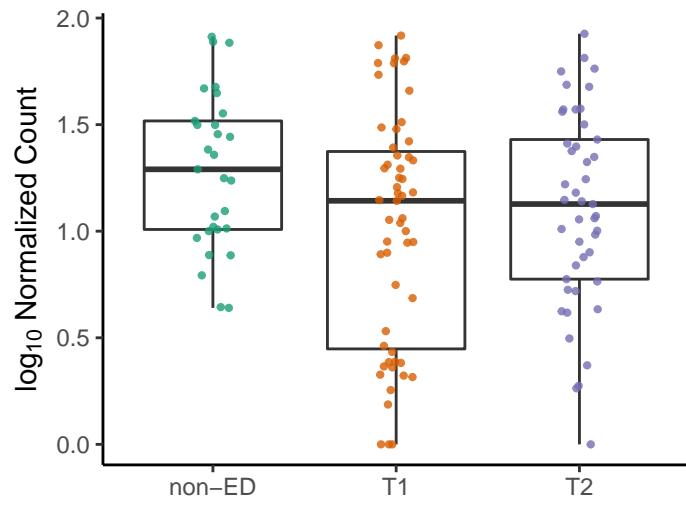


### Unclassified Helicobacter Genus

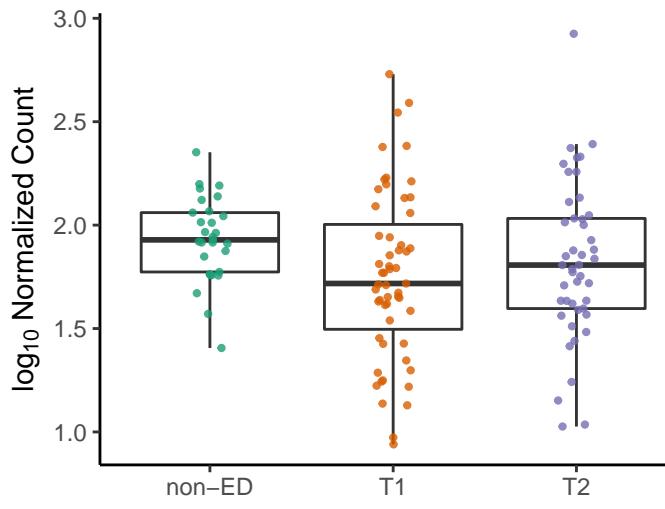
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



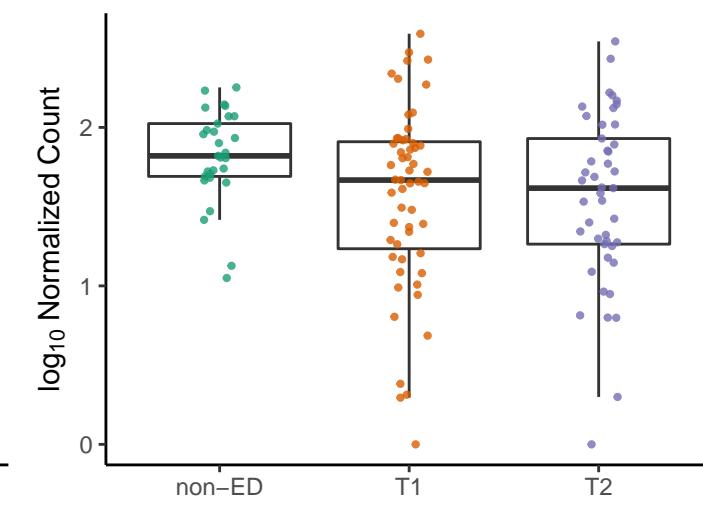
**Burkholderia sp. MSMB0856**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.85



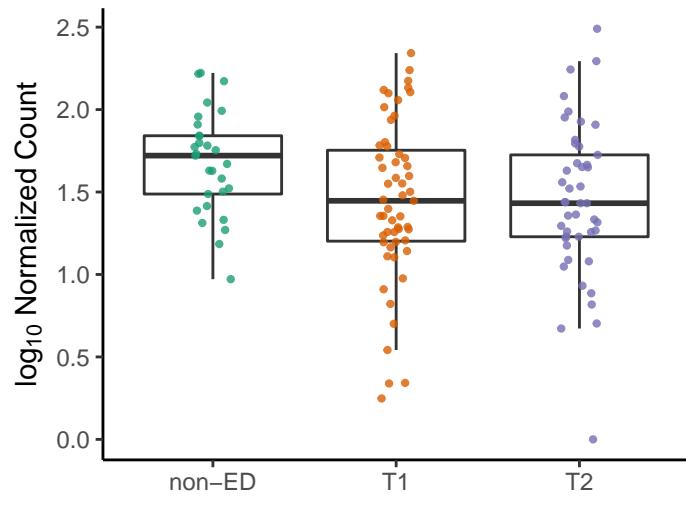
**Halomicronema hongdechloris**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



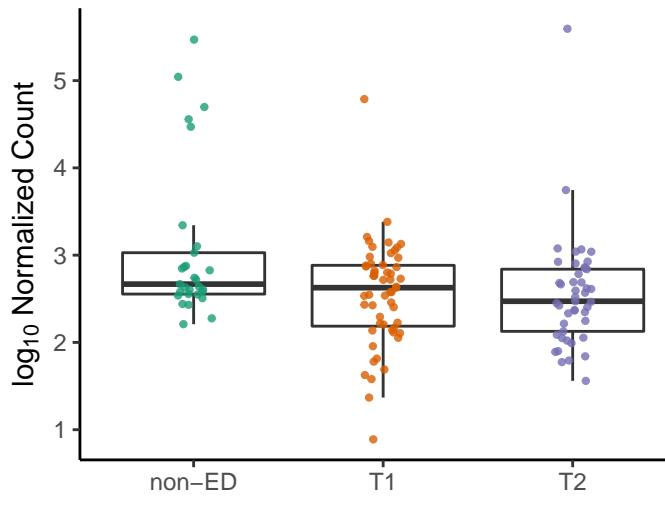
**Rathayibacter sp. VKM Ac-2759**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.97



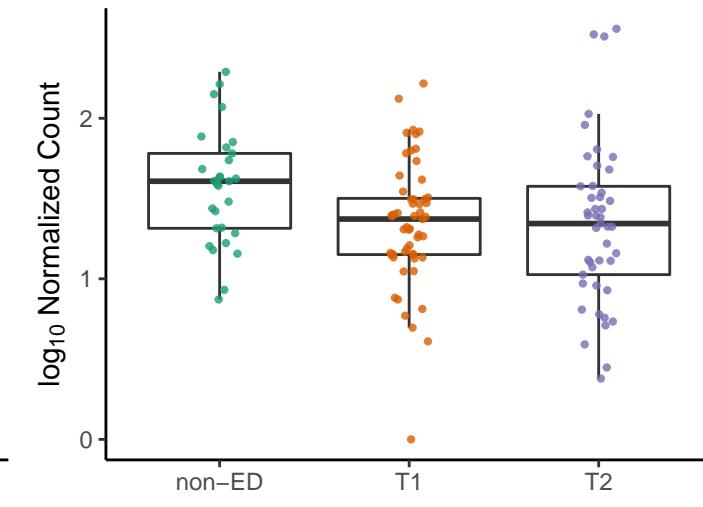
**Staphylococcus lutrae**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.91



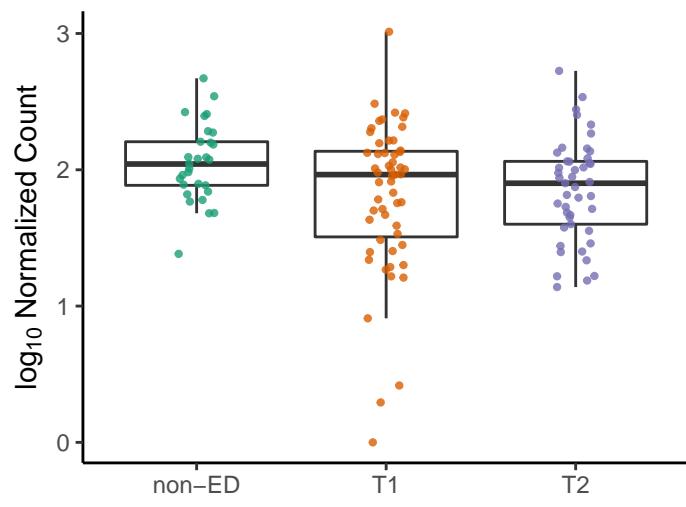
**Desulfovibrio fairfieldensis**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.99



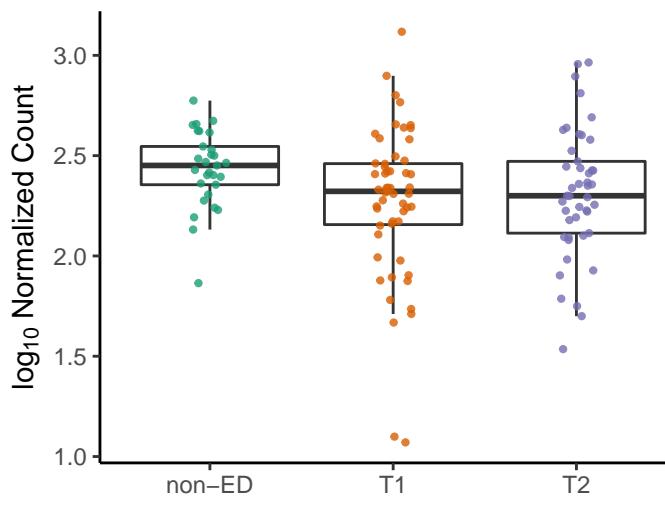
**Pseudoalteromonas donghaensis**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.97



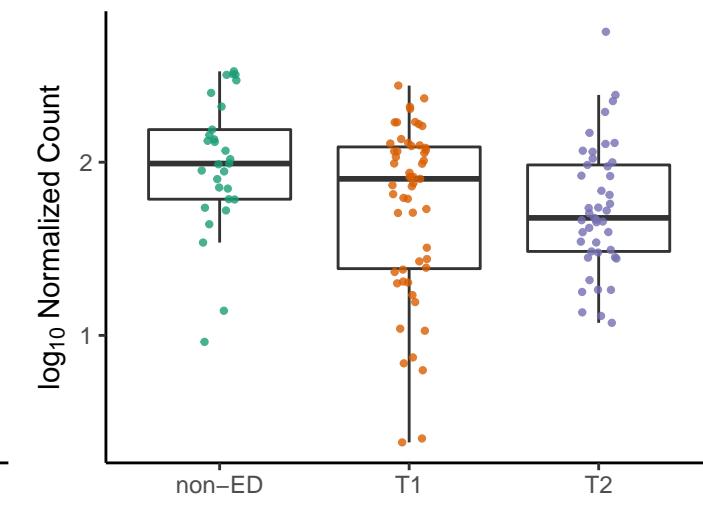
**Shewanella sp. TH2012**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.85



**Unclassified Marinobacter Genus**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.86

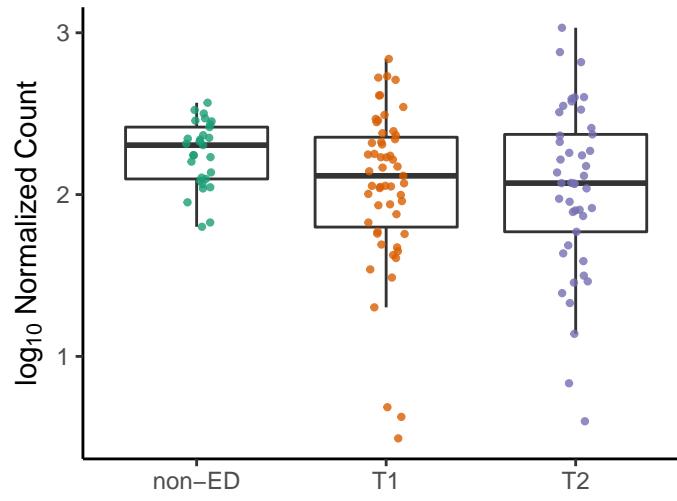


**Rufibacter sp. DG15C**  
non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.97



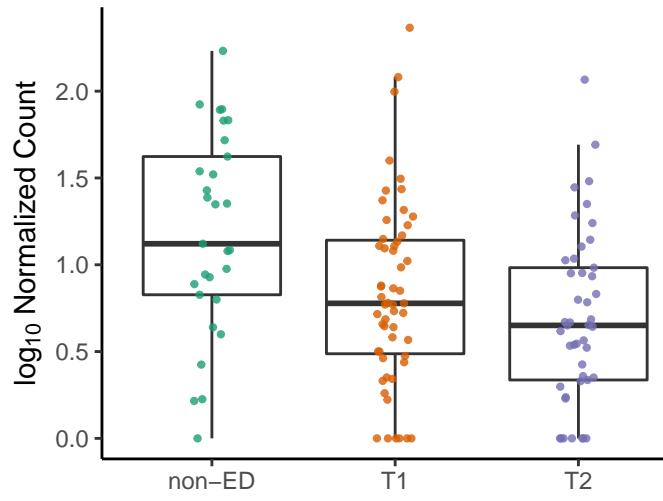
### Nordella sp. HKS 07

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.91



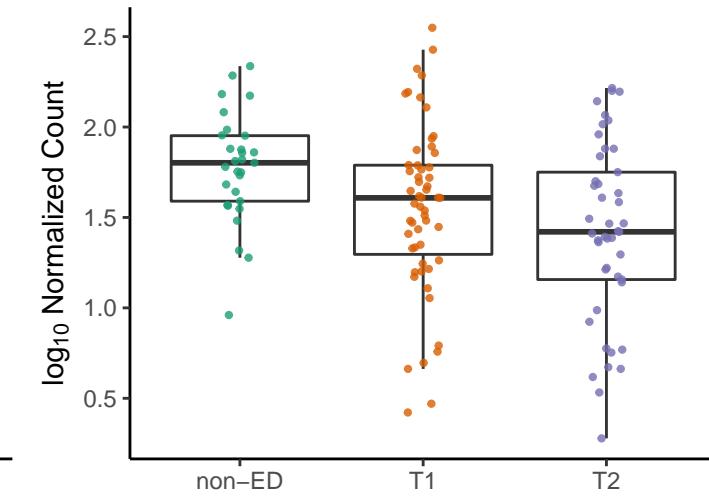
### Pelagibacter sp. NP1

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.85



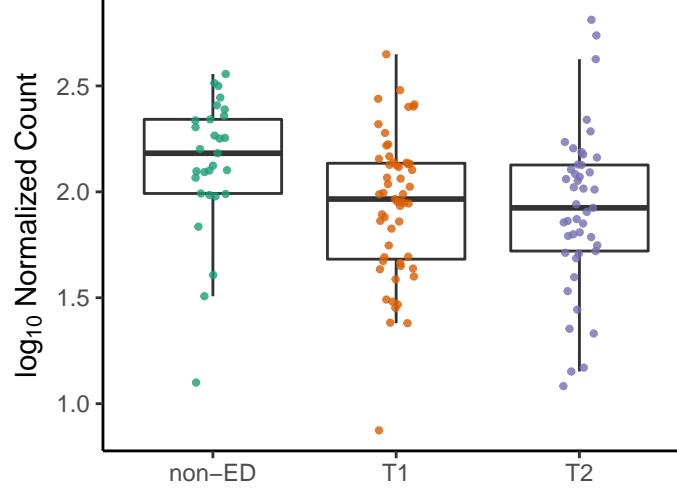
### Unclassified Mesoflavibacter Genus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.85



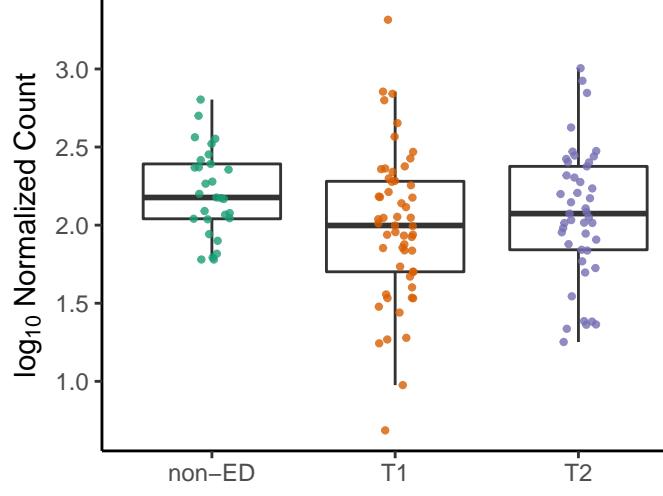
### Bacillus flexus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.99



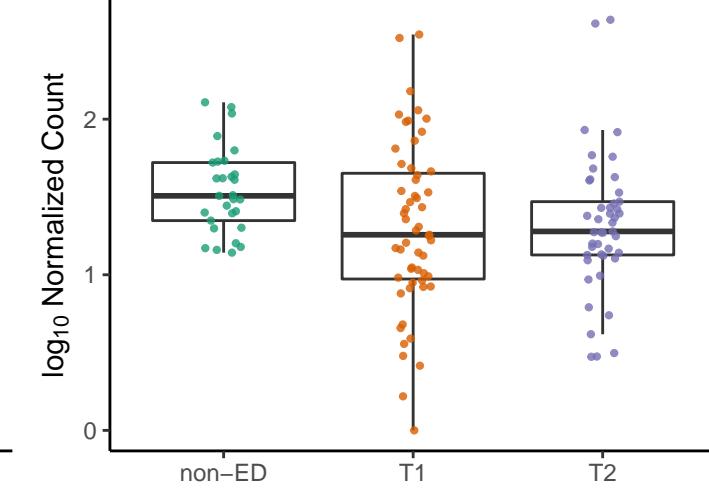
### Cutibacterium avidum

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



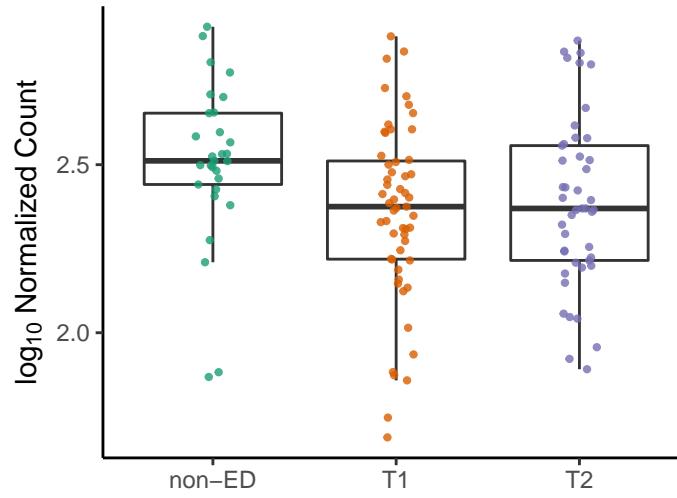
### Oceanisphaera profunda

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.95



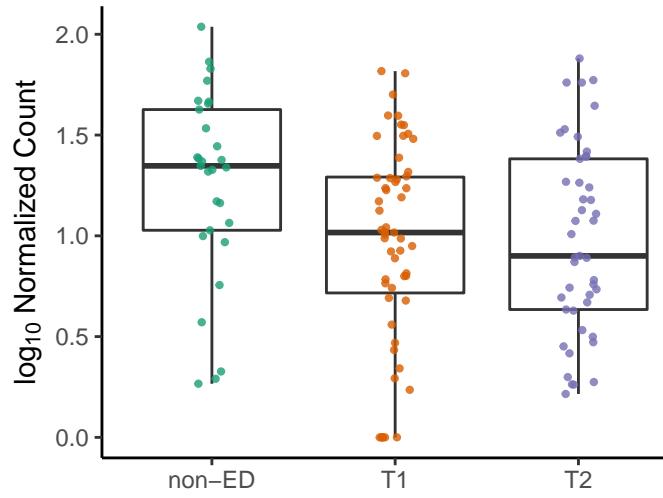
### Paenibacillus sp. HB172198

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.85



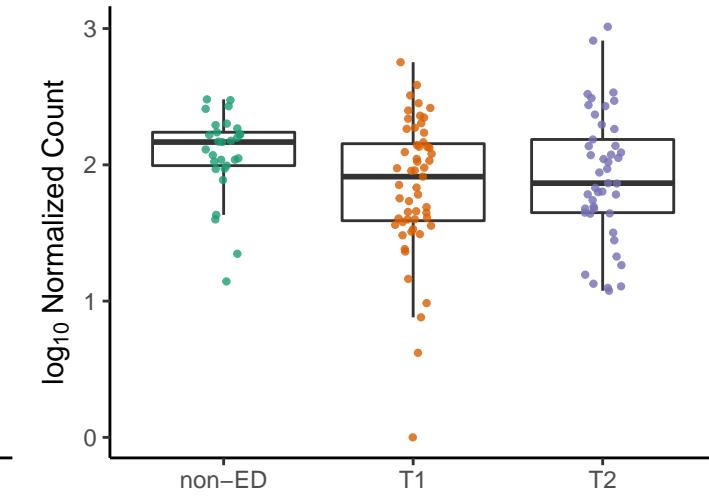
### Dermabacter hominis

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.88



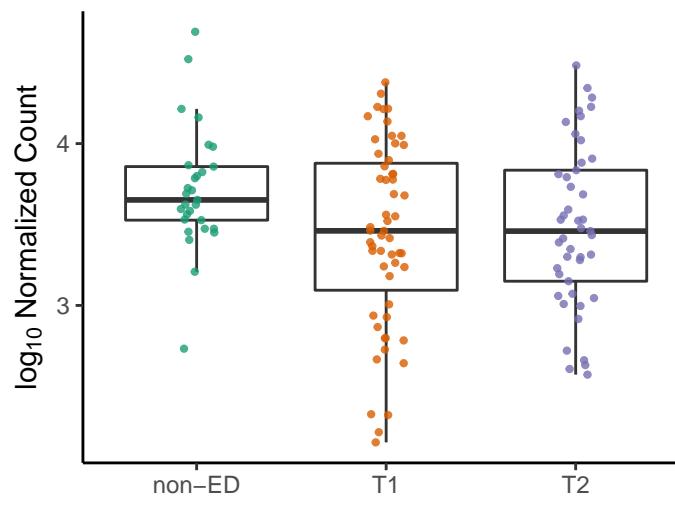
### Pseudolabrys sp. FHR47

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



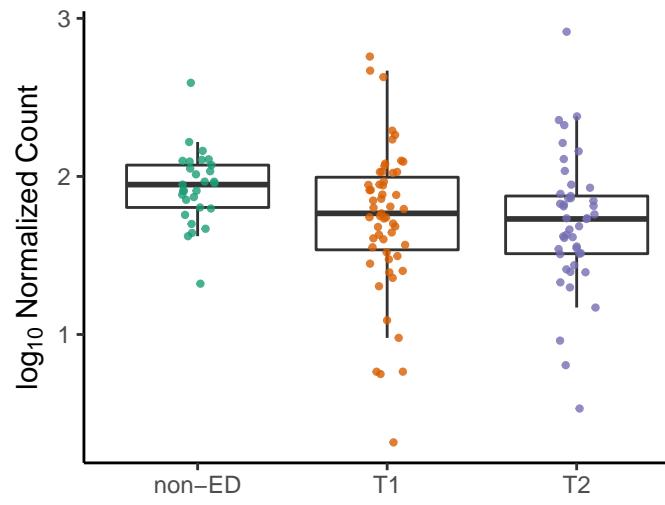
### Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.85



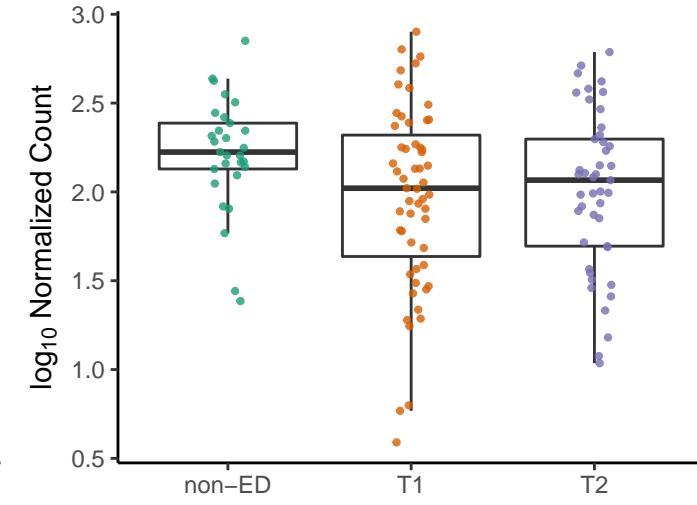
### *Saccharospirillum mangrovi*

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.93



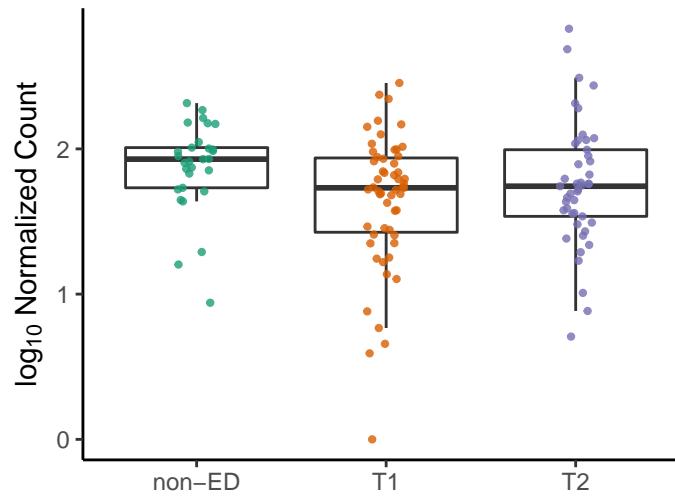
### Iamiaceae bacterium SCSIO 58843

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.85



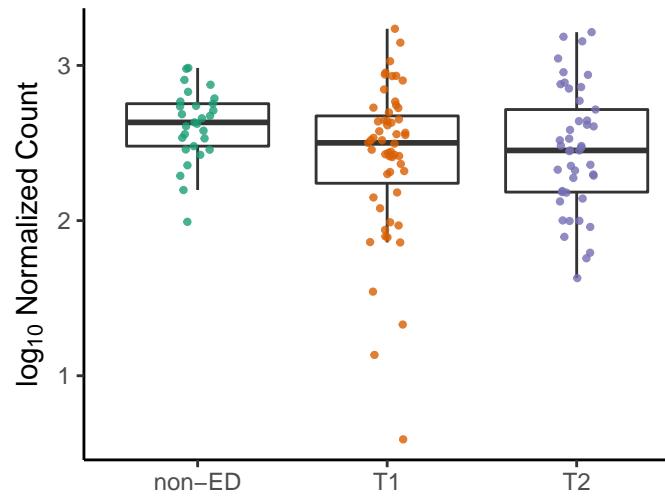
### *Colwellia psychrerythraea*

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.85



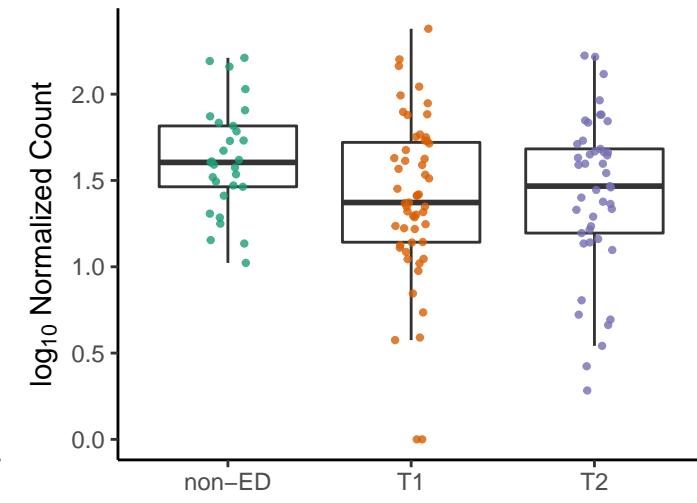
### *Desulfovibrio* sp. IOR2

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.85



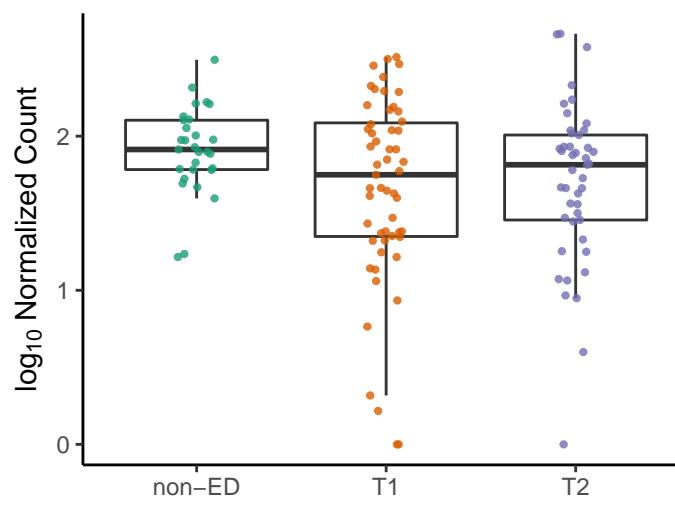
### *Komagataeibacter europaeus*

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.95



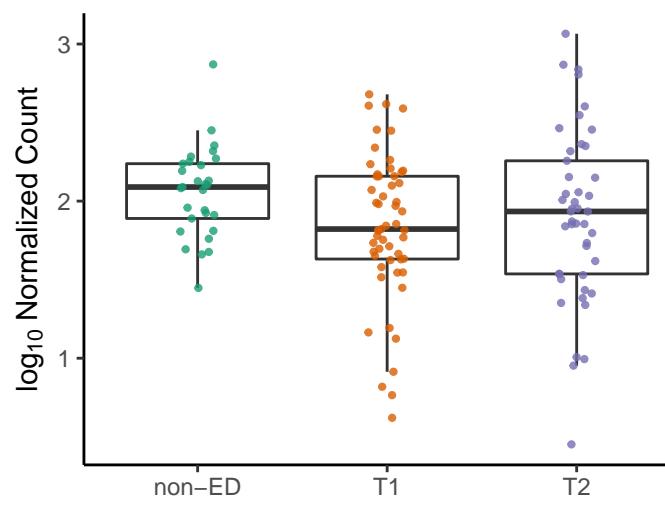
### *Methylobacterium* sp. 17Sr1-1

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.85



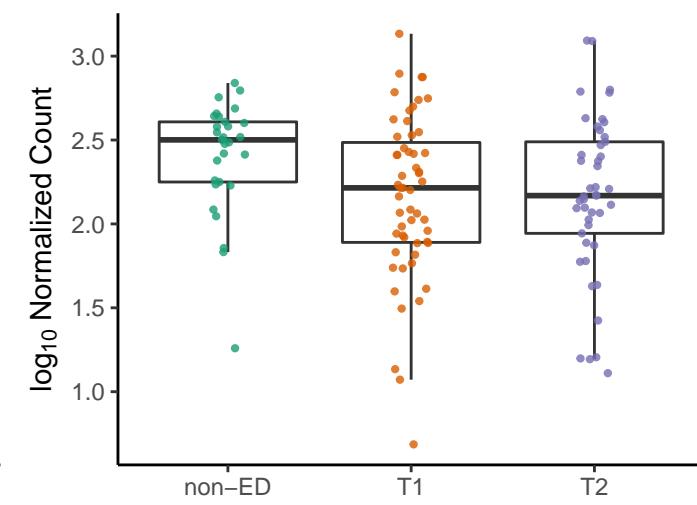
### *Paracoccus yeei*

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.85



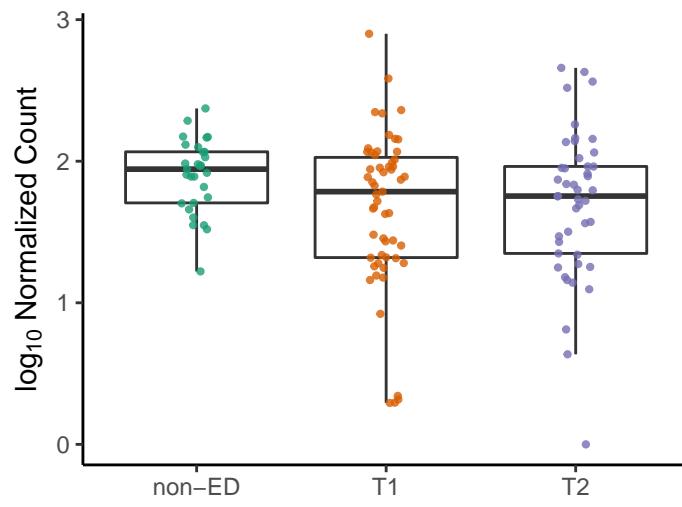
### *Actinoplanes derwentensis*

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.88



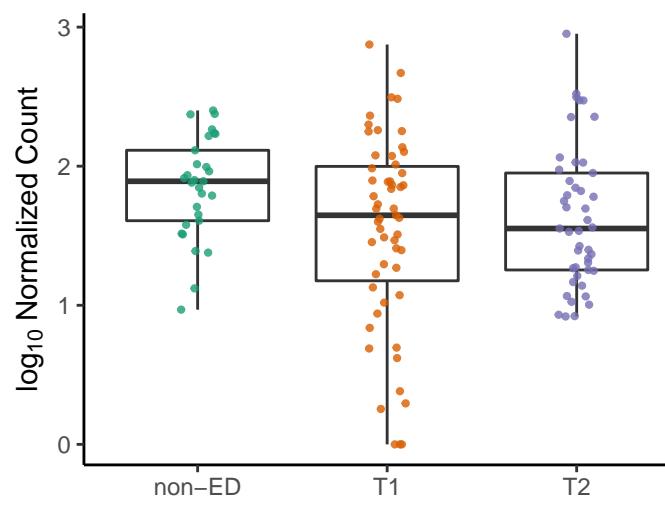
### *Boseongicola* sp. CCM32

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.91



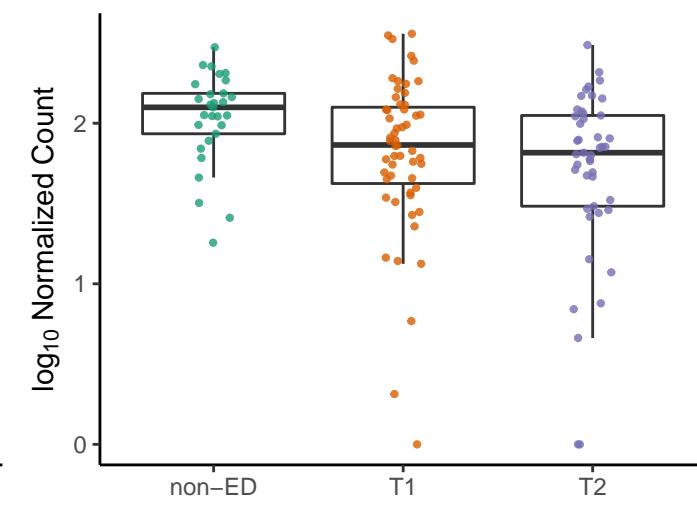
### *Janibacter limosus*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.88



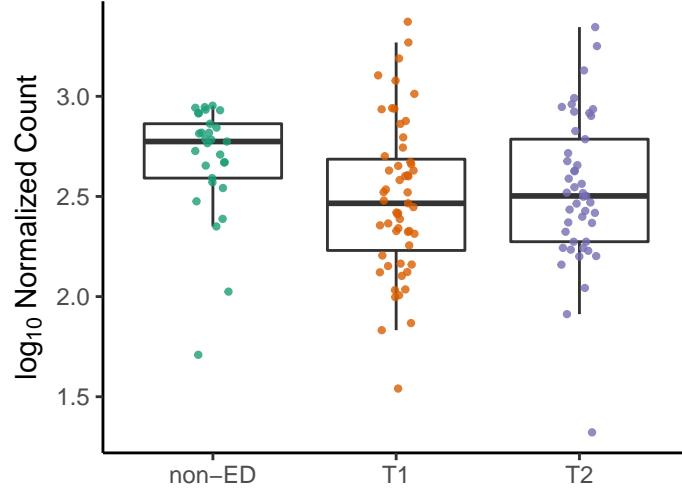
### *Pseudomonas* sp. StFLB209

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.87



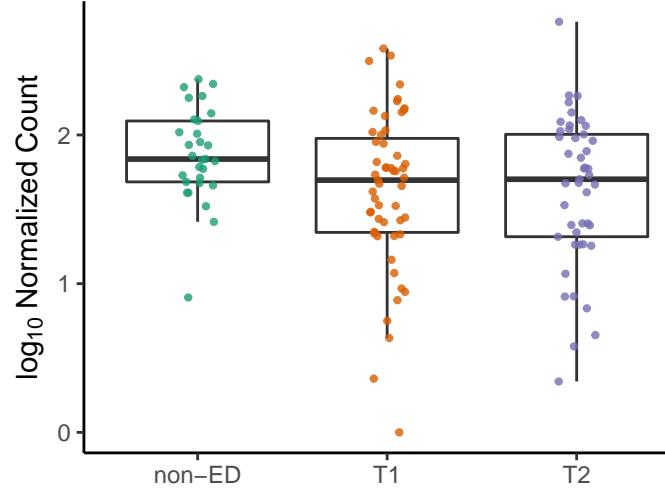
### *Peptoclostridium acidaminophilum*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.87



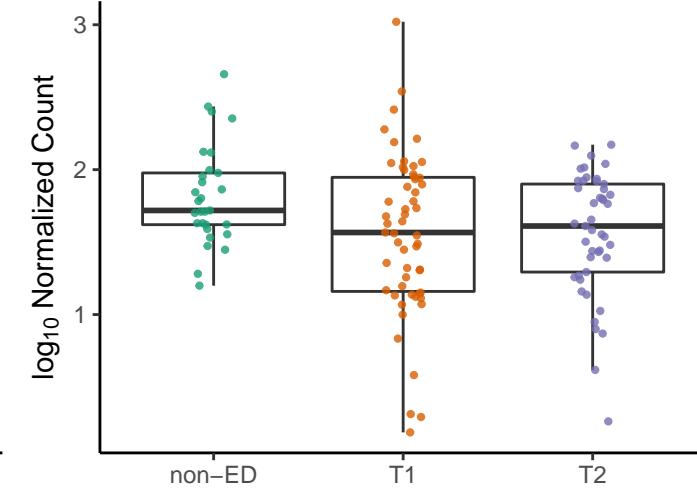
### *Formosa* sp. Hel1\_31\_208

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.92



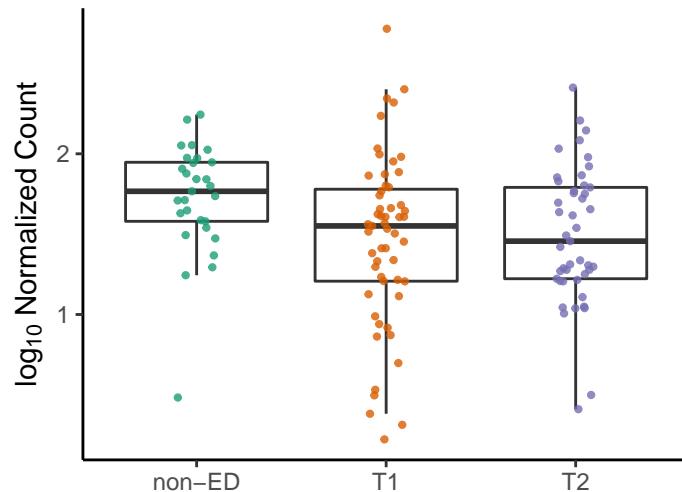
### *Neoasaia chiangmaiensis*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.86



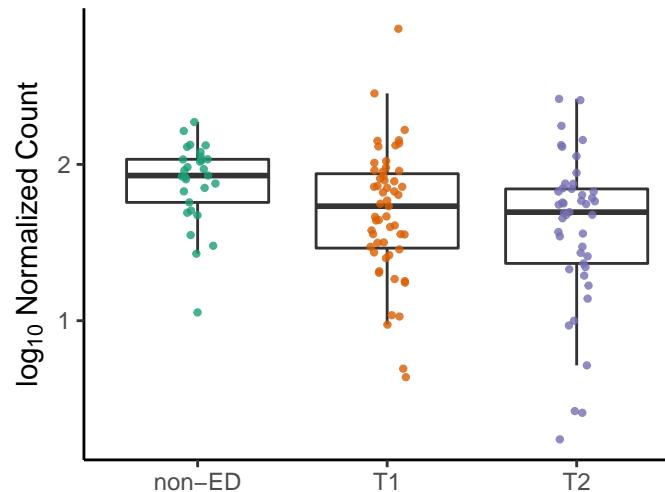
### *Thalassobius gelatinovorus*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.91



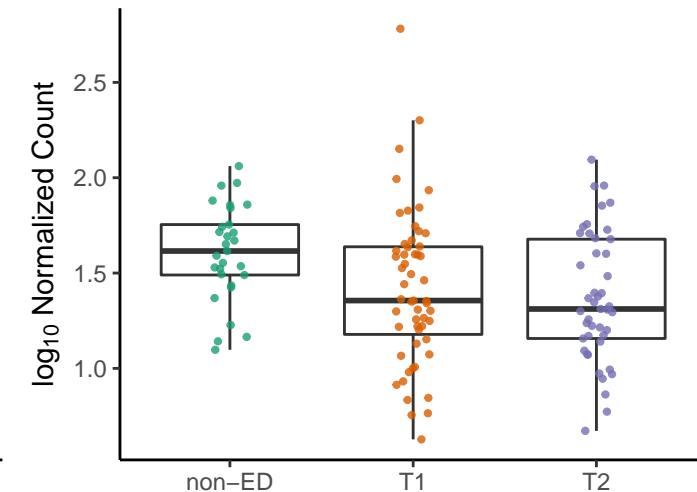
### *Exiguobacterium* sp. N4-1P

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.85



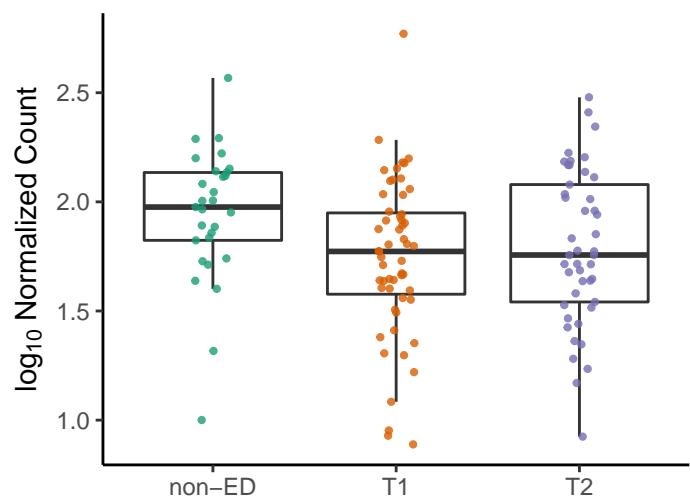
### *Planctomycetes bacterium* Pla110

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.92



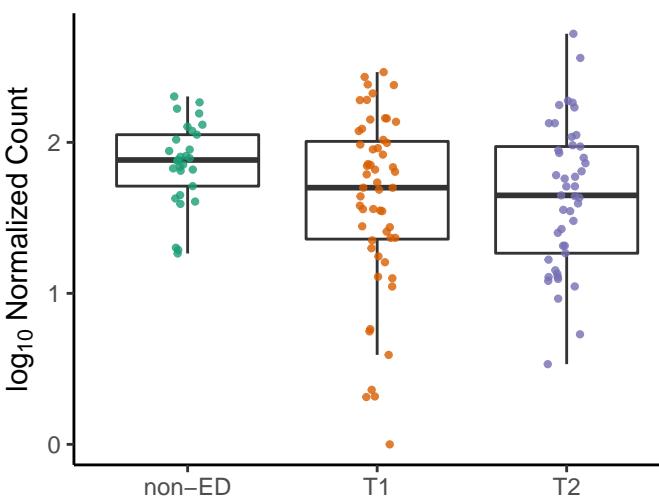
### *Mucilaginibacter* sp. 14171R-50

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.9



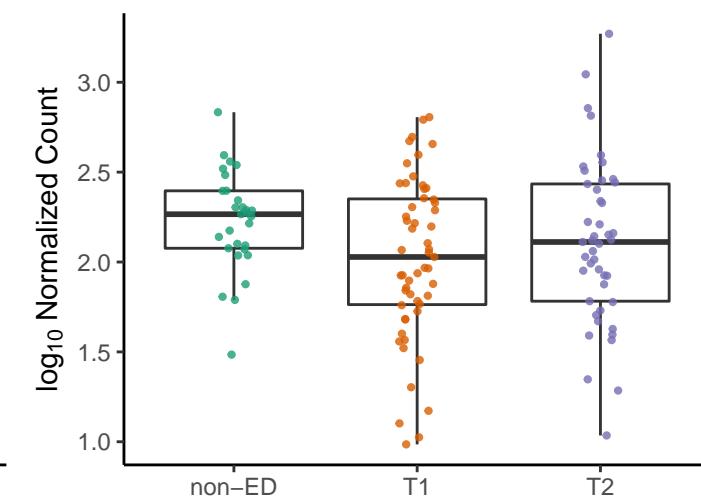
### *Corynebacterium aquilae*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.92



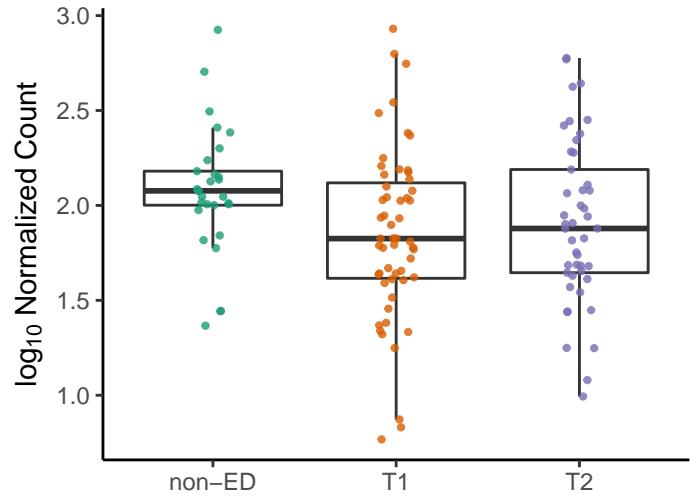
### *Burkholderia multivorans*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



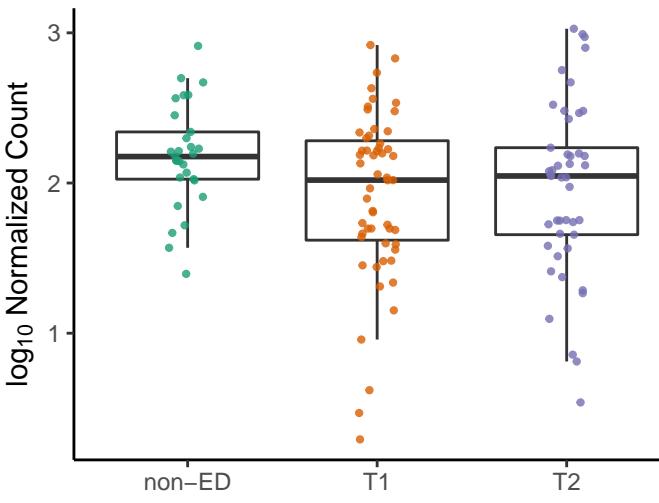
### *Rhodoferax saidenbachensis*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.85



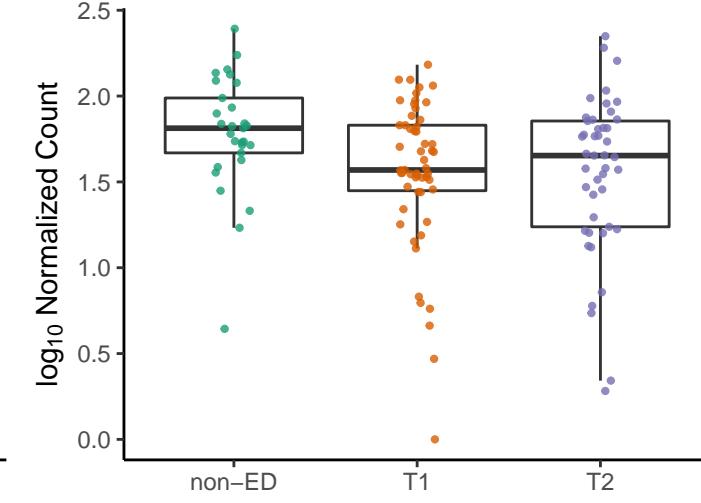
### *Friedmanniella sagamiharensis*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.85



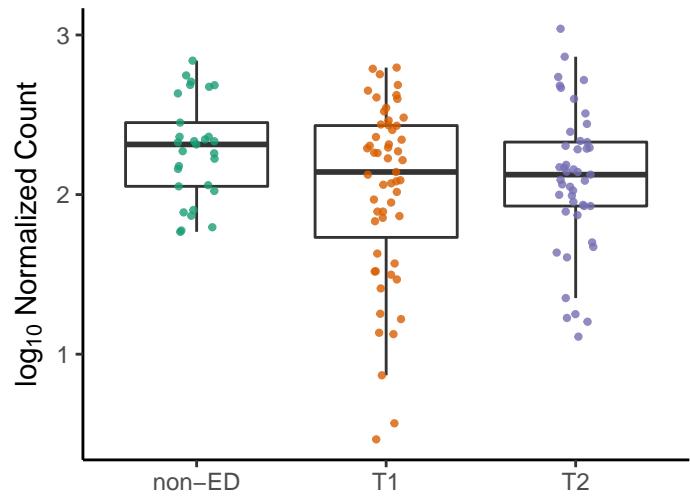
### *Marinobacter* sp. LV10R510-11A

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.99



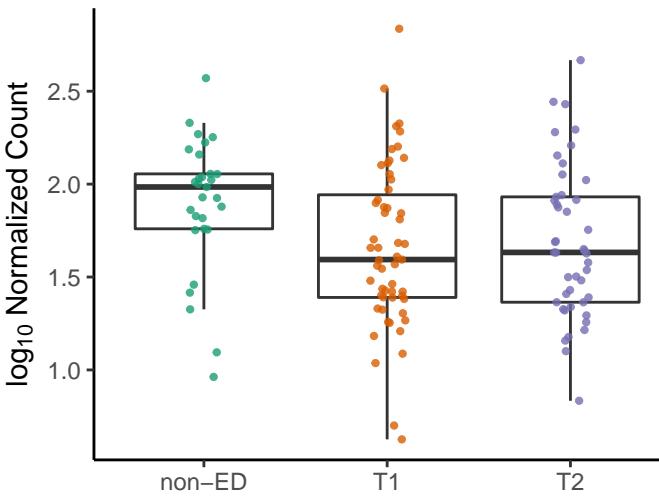
### *Xanthomonas campestris*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.85



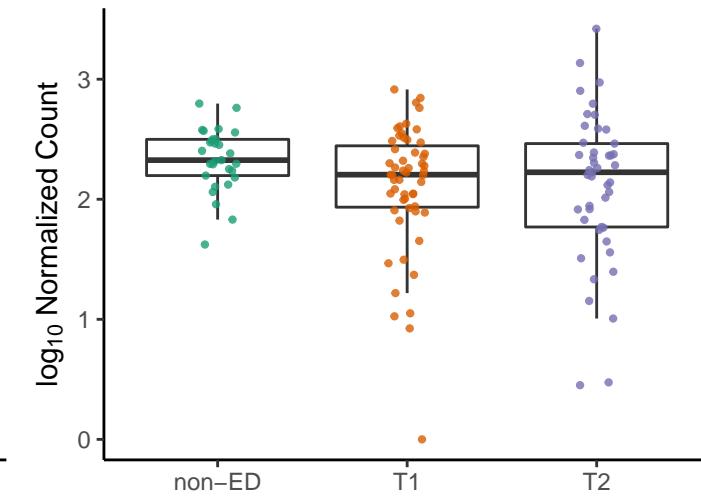
### *Gloeocapsa* sp. PCC 7428

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.91



### Unclassified Methylobacteriaceae Family

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.92

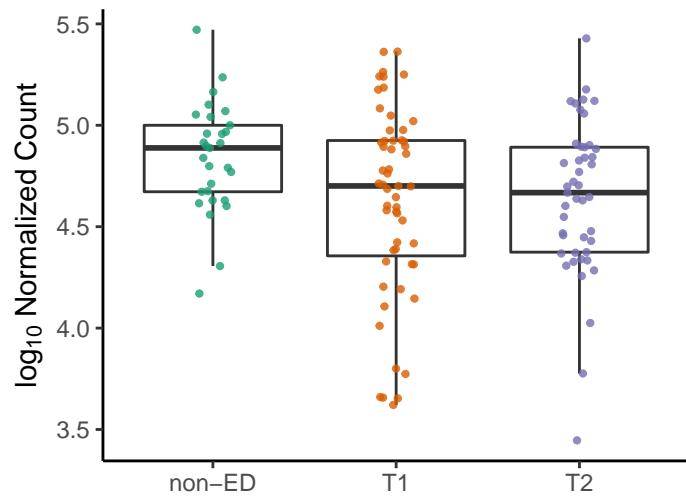


### *Dysosmobacter welbionis*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.031

T1 vs. T2 adjusted p = 0.85

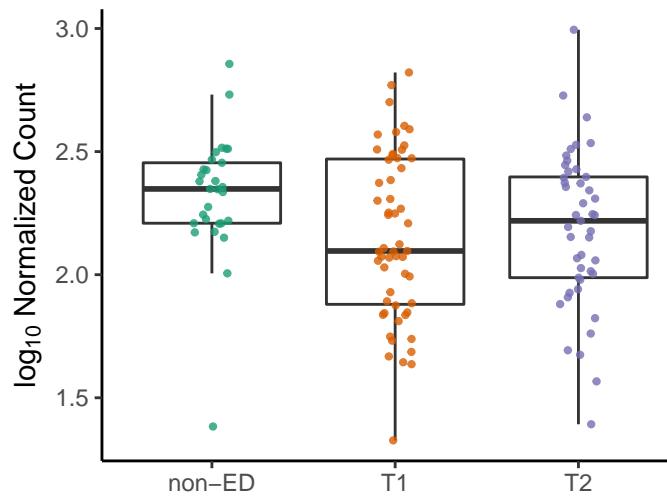


### *Sphaerochaeta coccoides*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.076

T1 vs. T2 adjusted p = 0.87

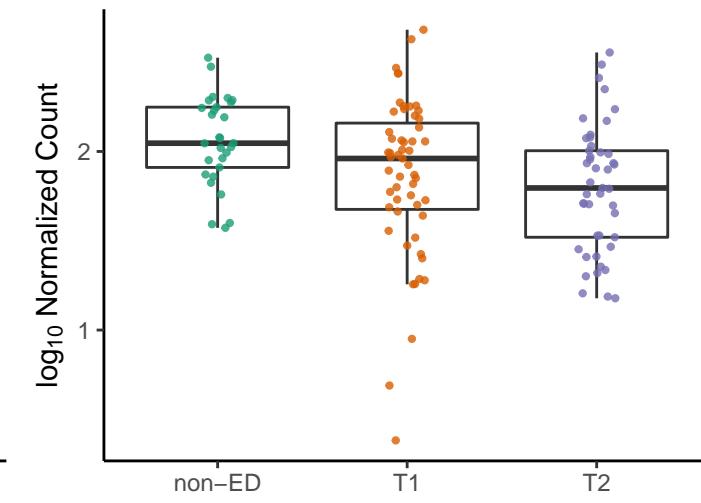


### *Methylocaldum marinum*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.0051

T1 vs. T2 adjusted p = 0.92

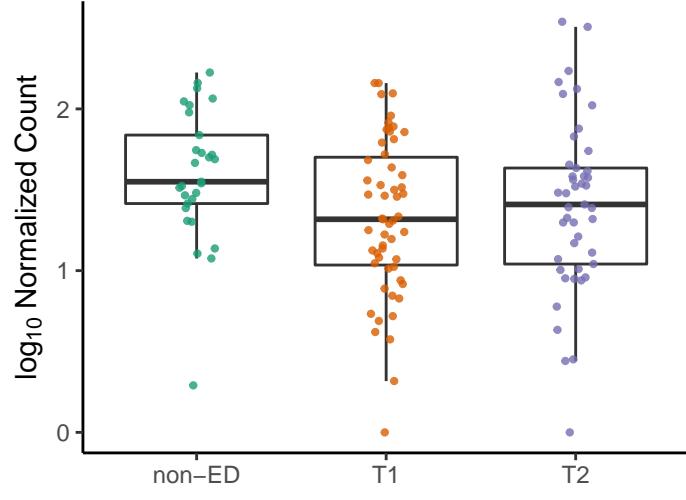


### *Natronomonas pharaonis*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.85

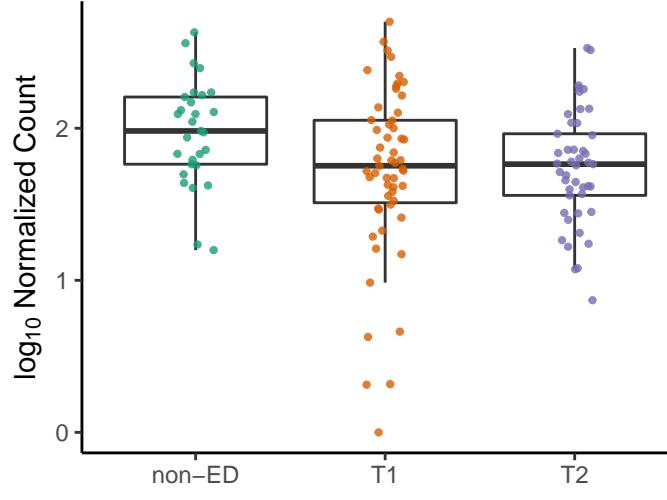


### *Nocardioides sp. HDW12A*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.025

T1 vs. T2 adjusted p = 0.87

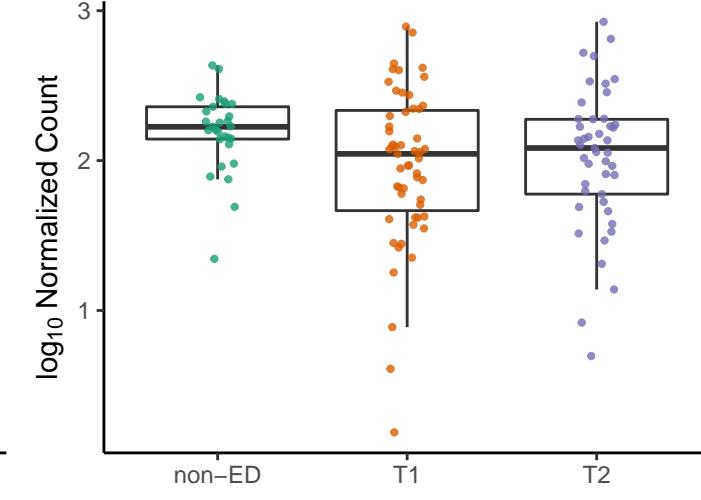


### *Oceanimonas sp. GK1*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.083

T1 vs. T2 adjusted p = 0.85

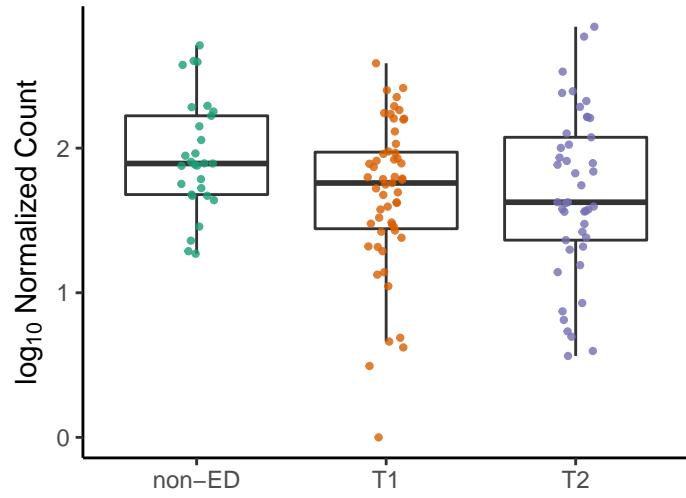


### *Streptomyces sp. RLB1-33*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.046

T1 vs. T2 adjusted p = 0.87

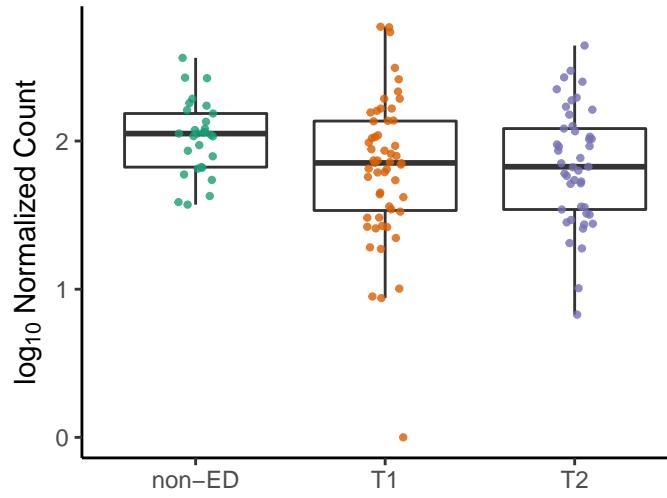


### *Synechococcus sp. JA-3-3Ab*

non-ED vs. T1 adjusted p = 0.026

non-ED vs. T2 adjusted p = 0.033

T1 vs. T2 adjusted p = 0.88

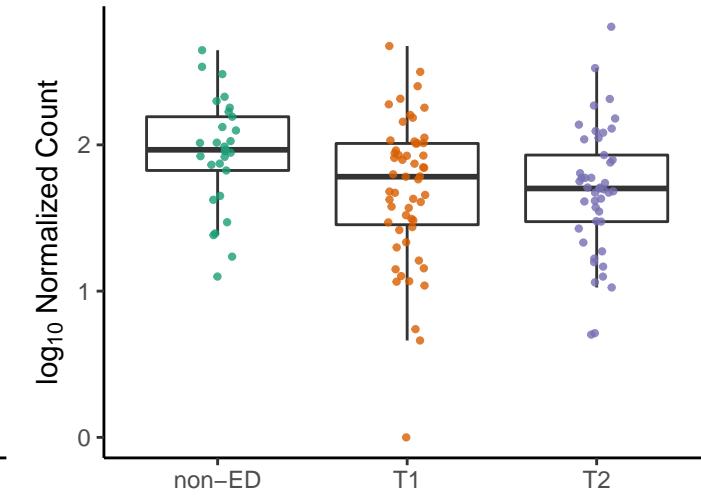


### *Alcaligenaceae bacterium SJ-26*

non-ED vs. T1 adjusted p = 0.026

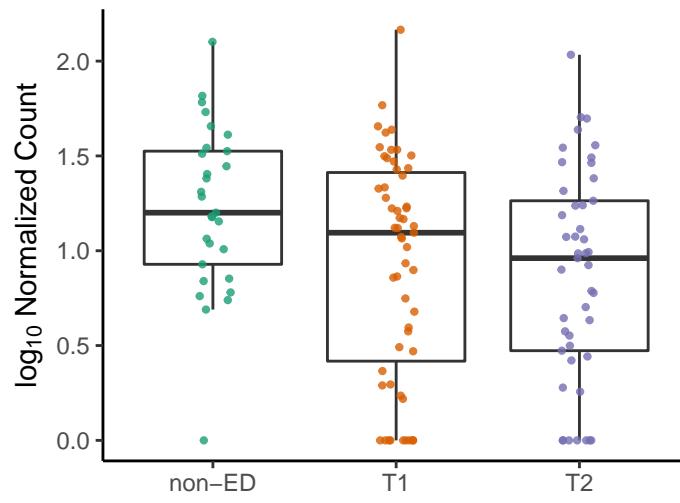
non-ED vs. T2 adjusted p = 0.029

T1 vs. T2 adjusted p = 0.99



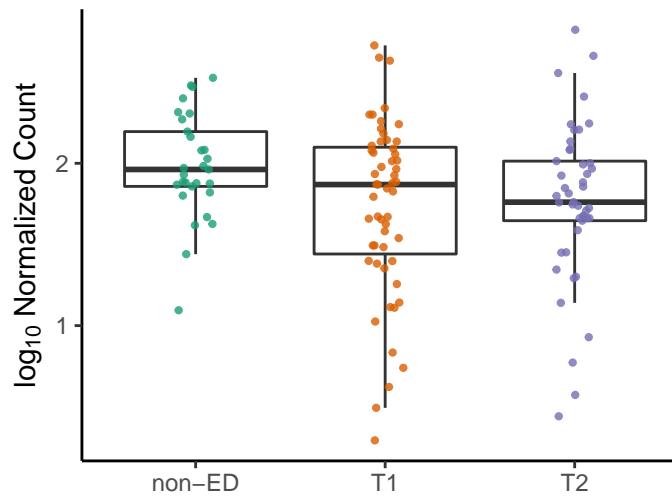
### Unclassified Rhodobacterales Order

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.96



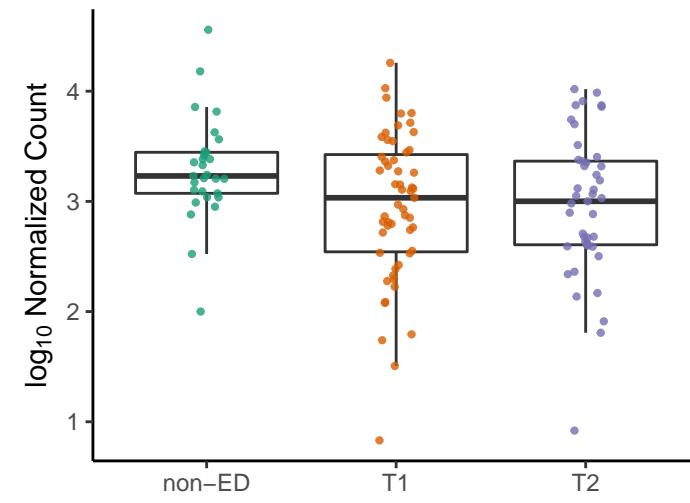
### *Micromonospora narathiwatensis*

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.85



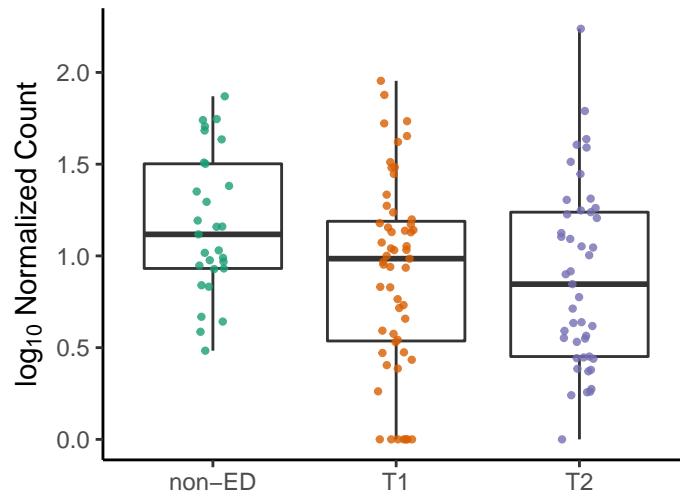
### *Parolsenella catena*

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.87



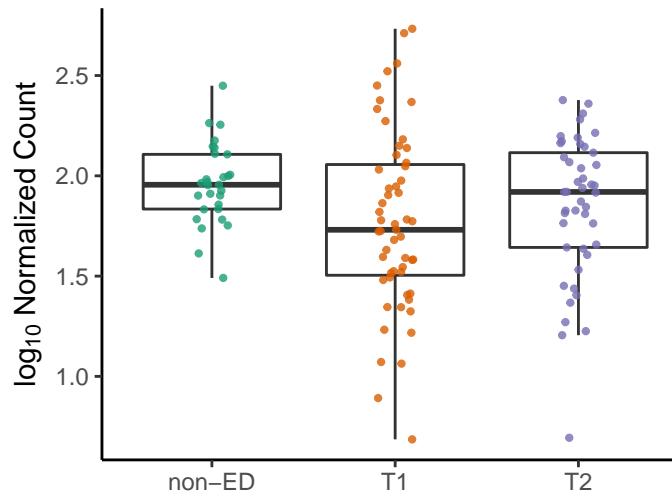
### *Leisingera* sp. NJS204

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.98



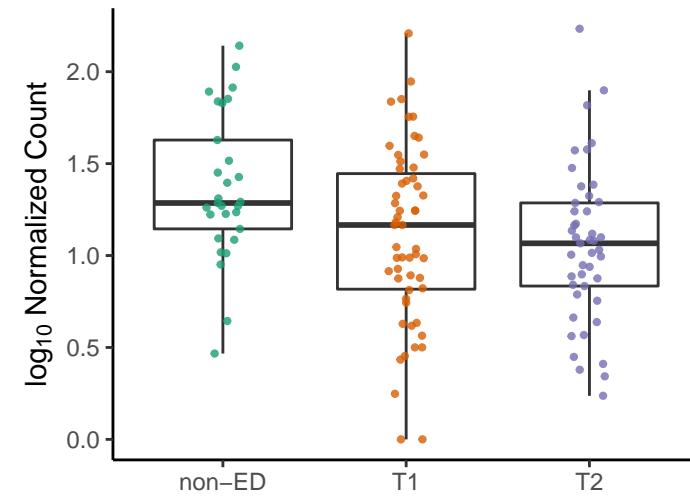
### *Nakamurella panacisegetis*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



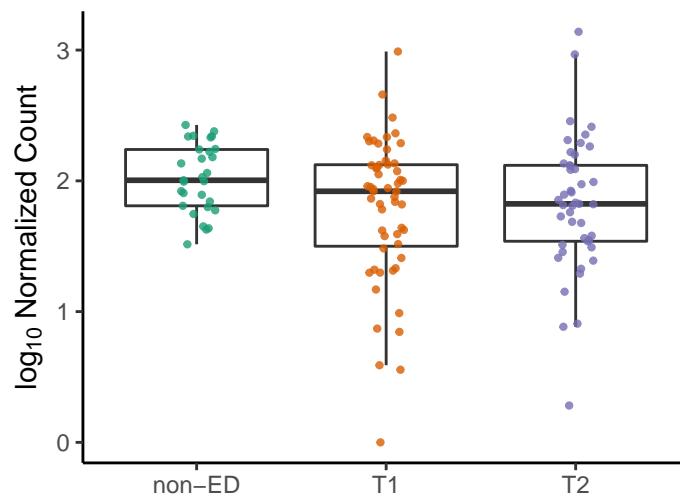
### *Legionella lansingensis*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



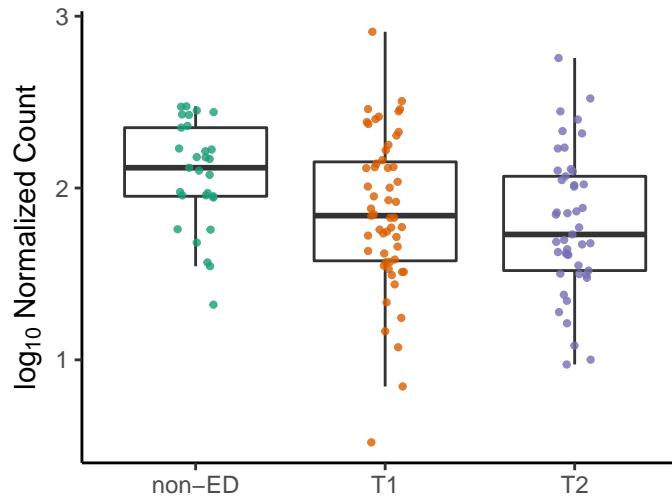
### *Roseovarius* sp. MME-070

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.87



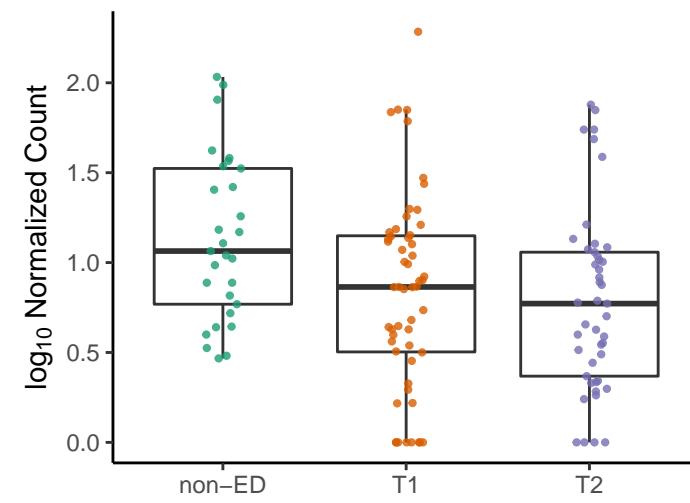
### *Flammeovirga pectinis*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.85



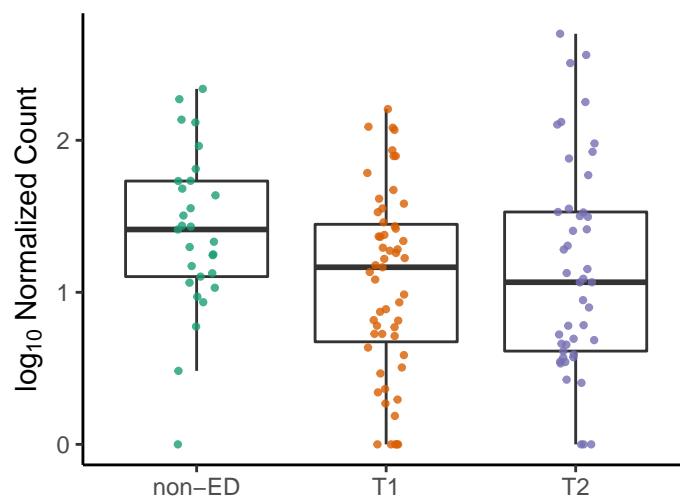
### *Mycoplasma meleagridis*

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.85



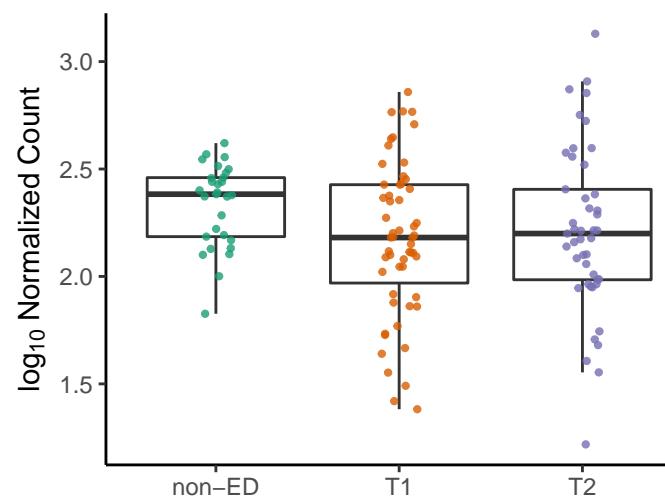
### *Acidiphilum cryptum*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



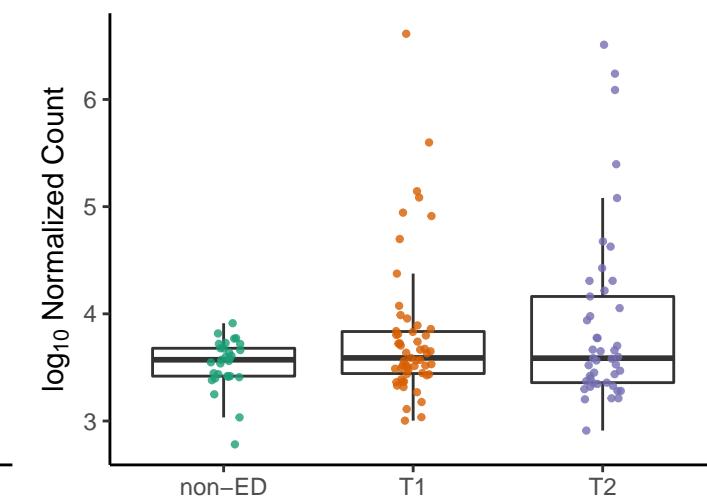
### *Paenibacillus swuensis*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.86



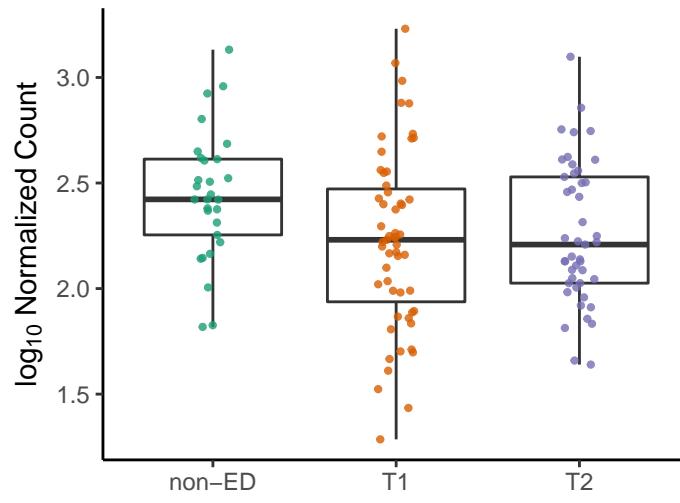
### *Anaerostipes rhamnosivorans*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.87



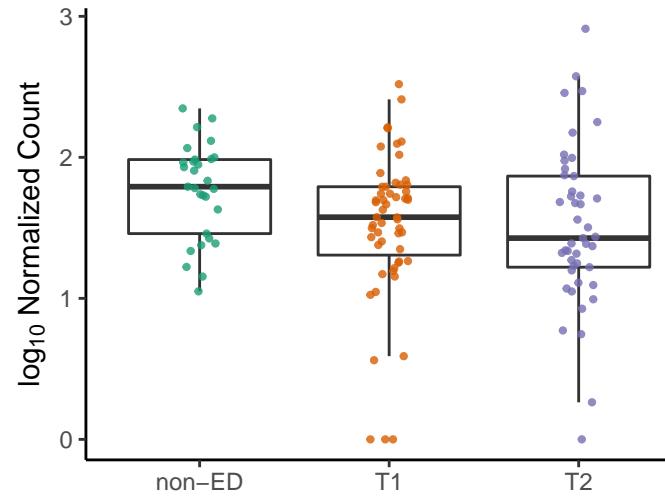
### *Desulfatibacillum aliphaticivorans*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



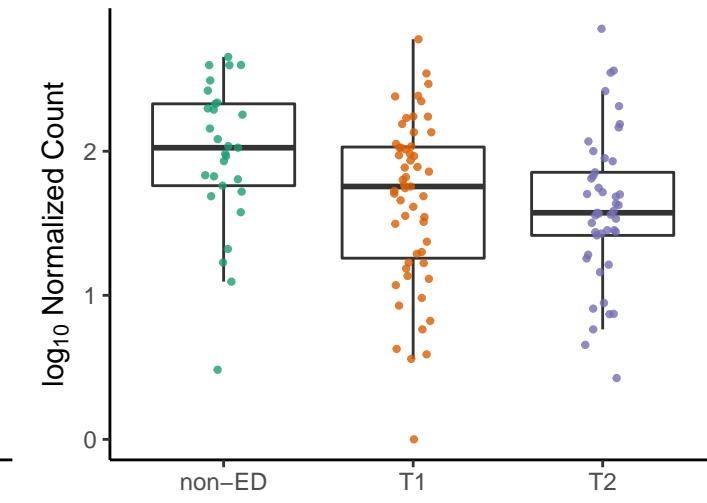
### *Neokomagataea tanensis*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 1



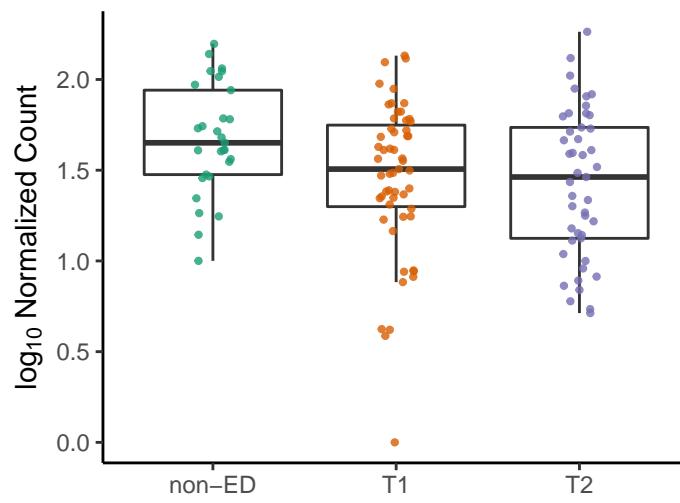
### *Lysobacter lycopersici*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.99



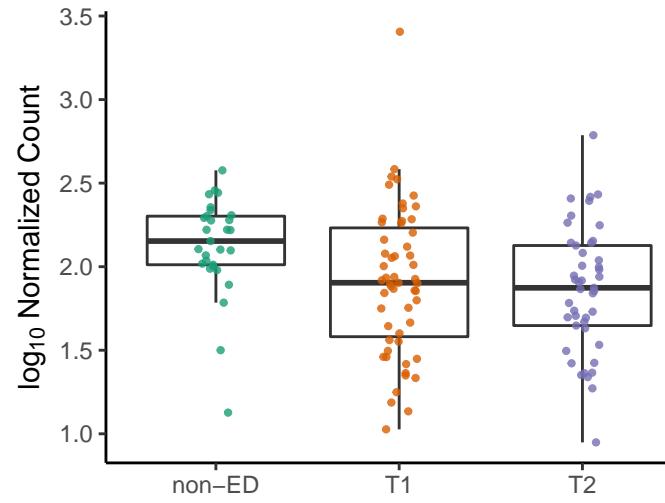
### *Dickeya dianthicola*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.99



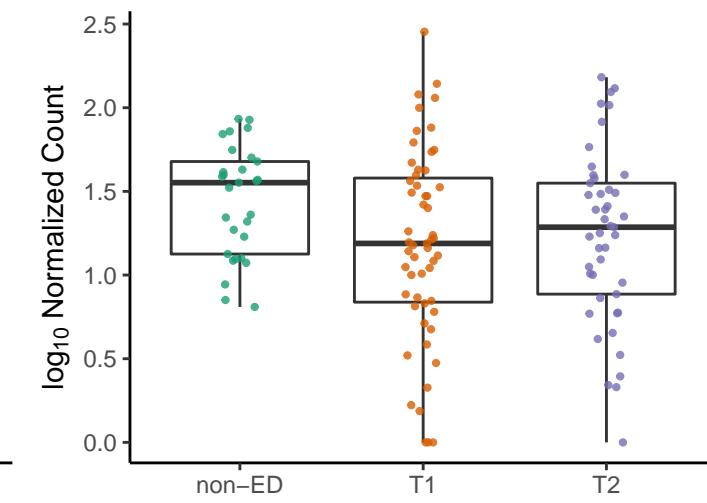
### *Eikenella corrodens*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.88



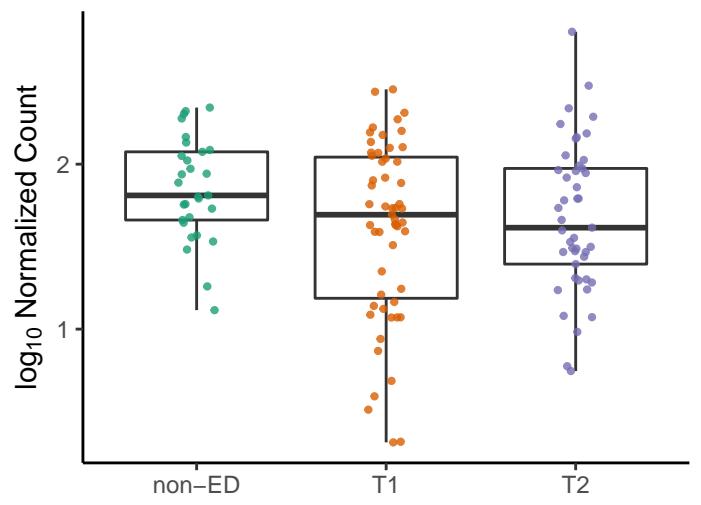
### Unclassified *Commensalibacter* Genus

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.97



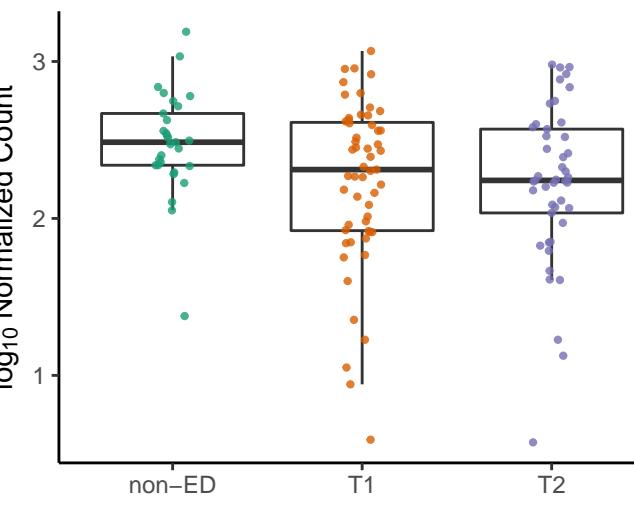
### *Novosphingobium* sp. ABRDHK2

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.85



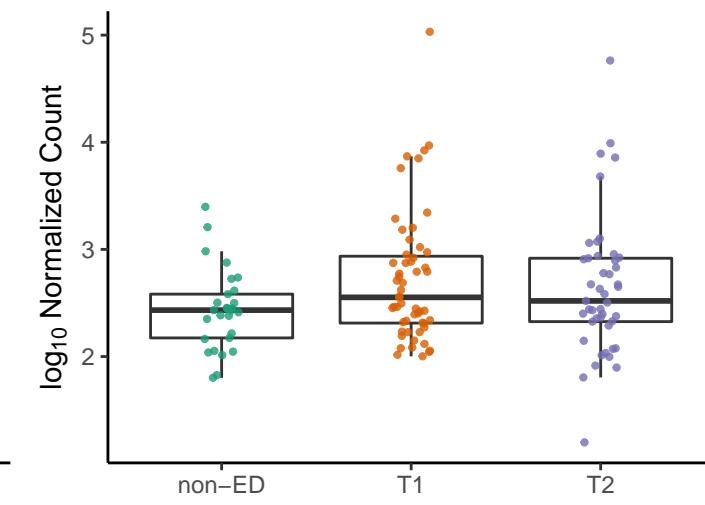
### *Saccharothrix syringae*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.93



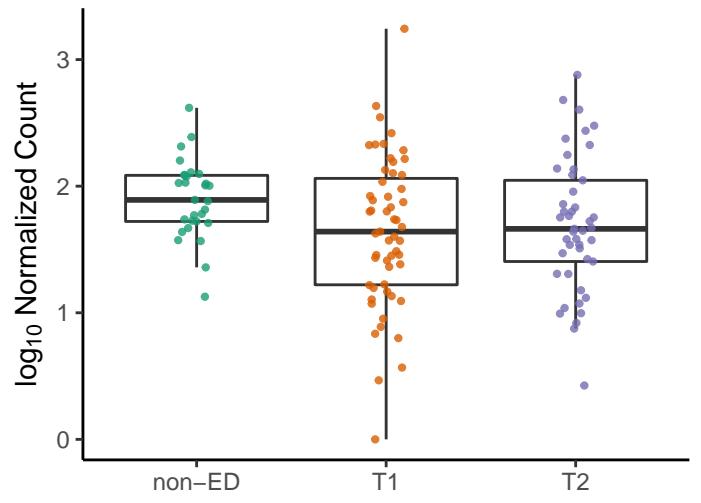
### *Streptococcus mutans*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.88



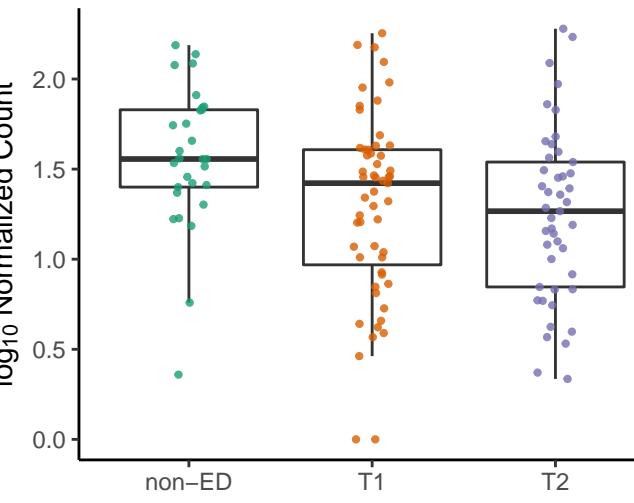
### *Rathayibacter* sp. VKM Ac-2760

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.85



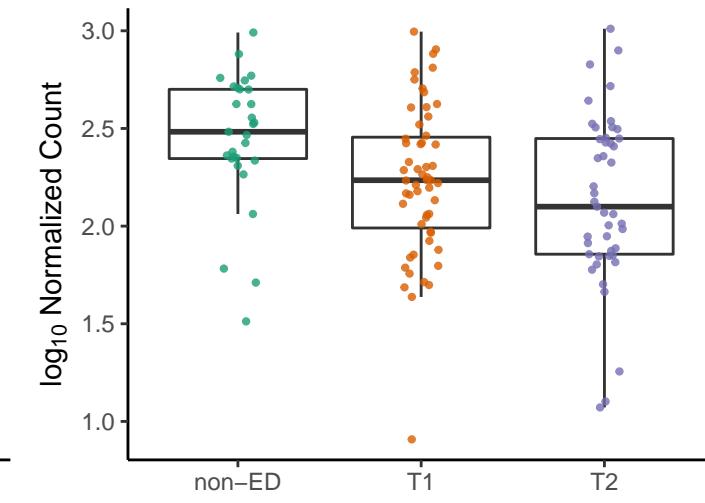
### *Borrelia hermsii*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.86



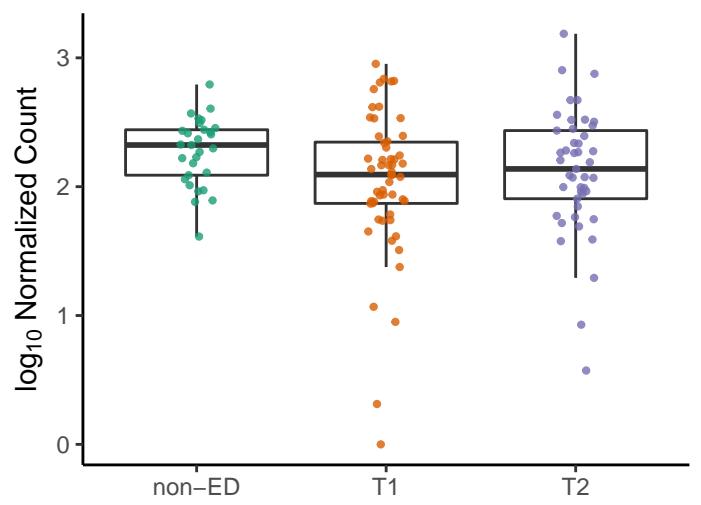
### *Hathewayahistolytica*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



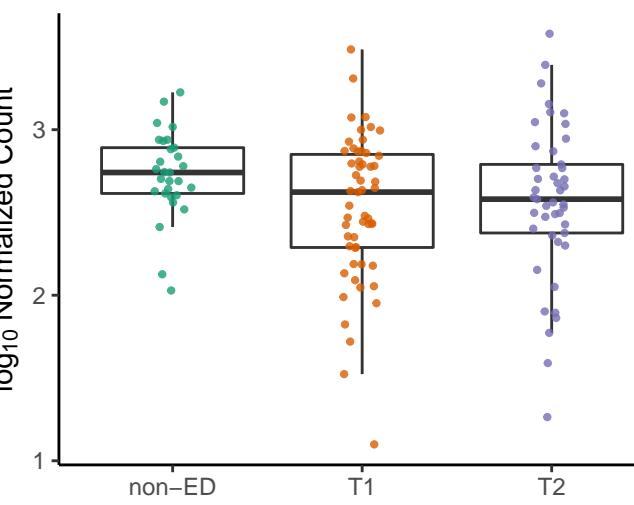
### *Corallococcus macrosporus*

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



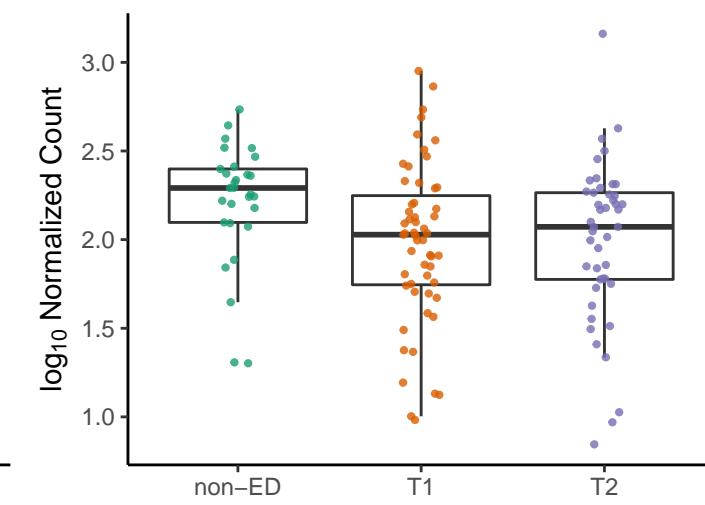
### Unclassified Cupriavidus Genus

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.85



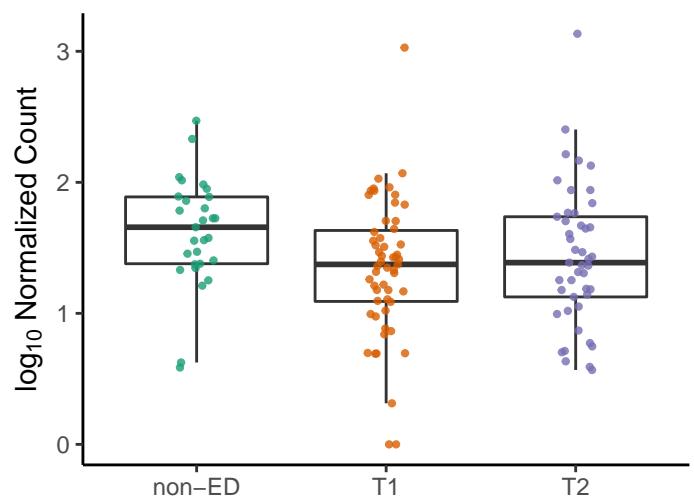
### *Treponema* sp. OMZ 804

non-ED vs. T1 adjusted p = 0.027  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.93



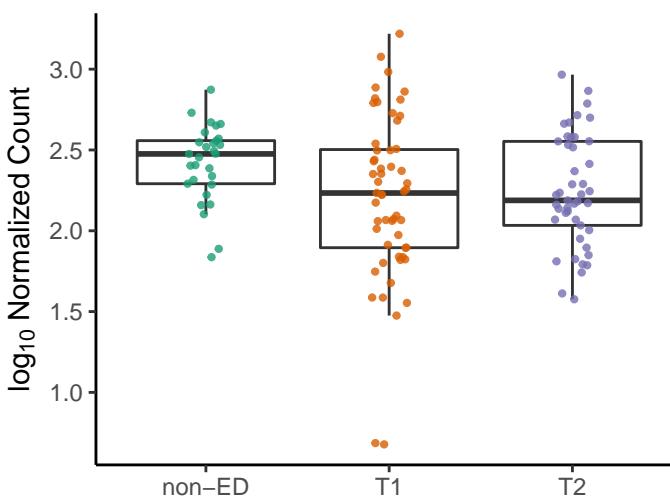
### Actinobacteria bacterium IMCC26256

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



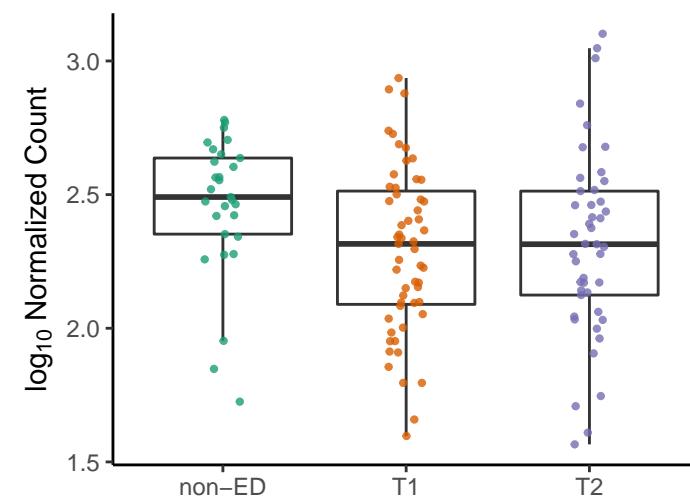
### Desulfosarcina widdelii

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.85



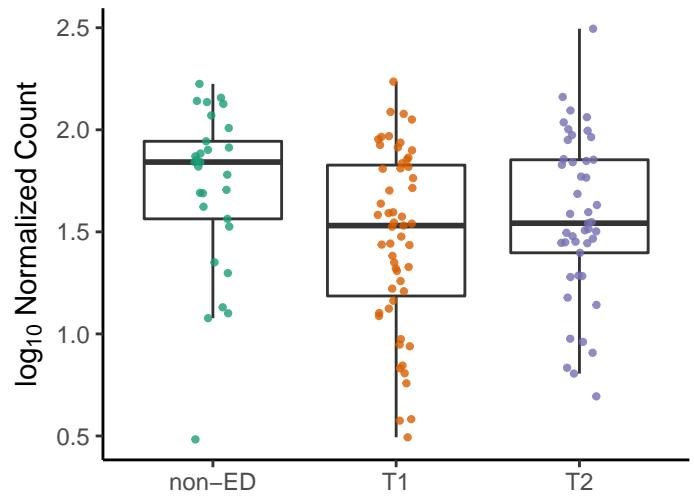
### Helicobacter pylori

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.95



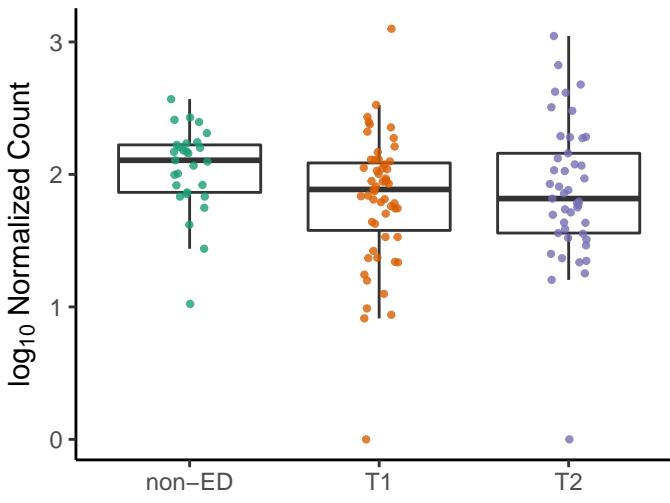
### Sulfitobacter sp. SK012

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.85



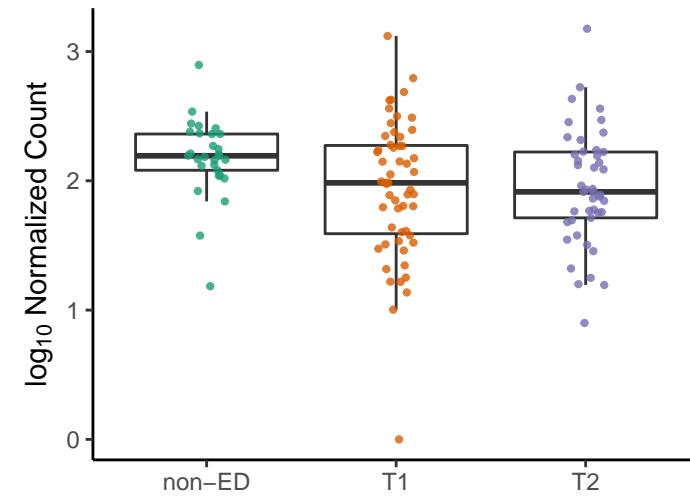
### Microvirga sp. HR1

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.86



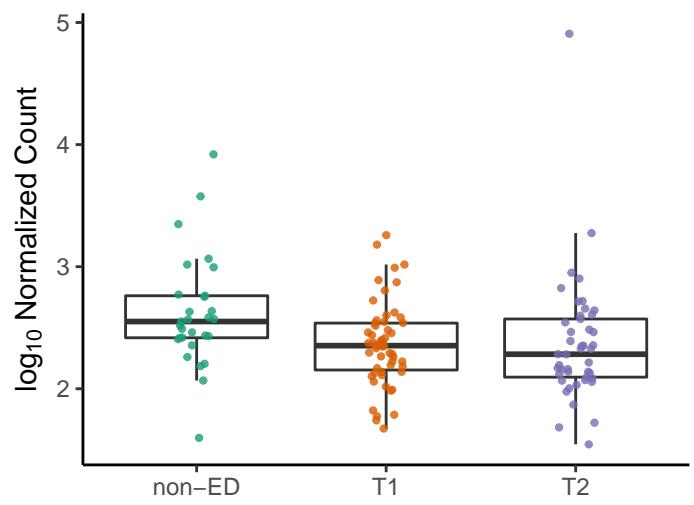
### Unclassified Thiimonas Genus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.85



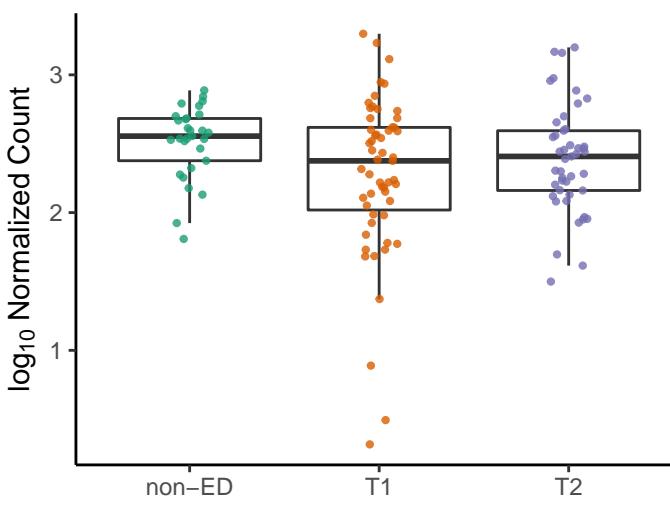
### Lactobacillus curvatus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.94



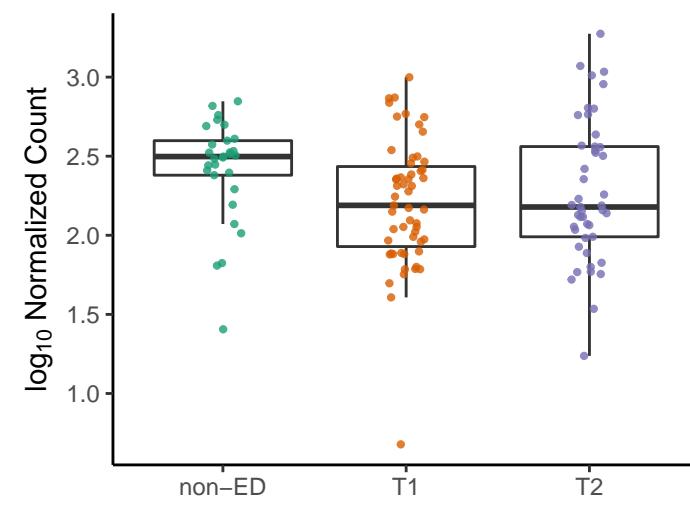
### Thermaerobacter sp. PB12/4term

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85



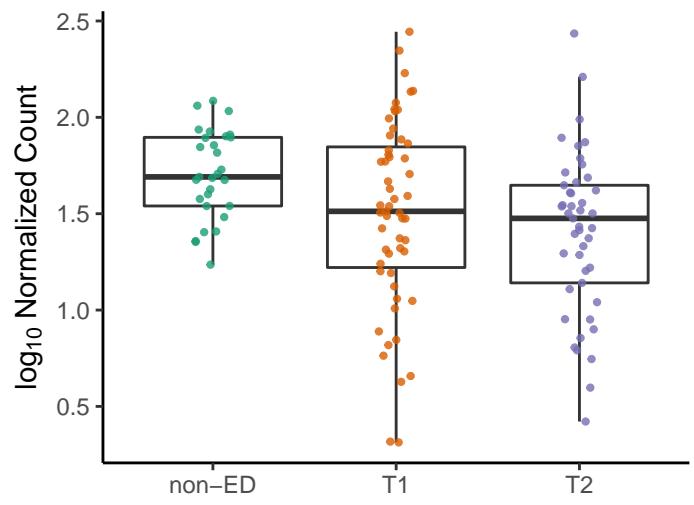
### Desulfitobacterium dichloroeliminans

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.85



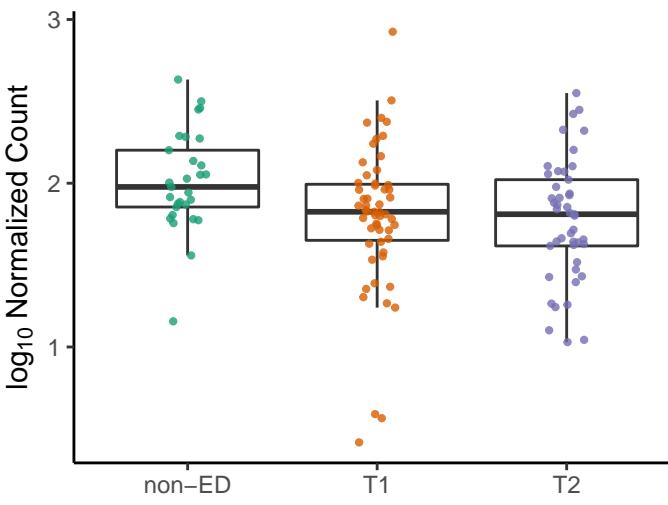
### *Pandoraea sputorum*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.85



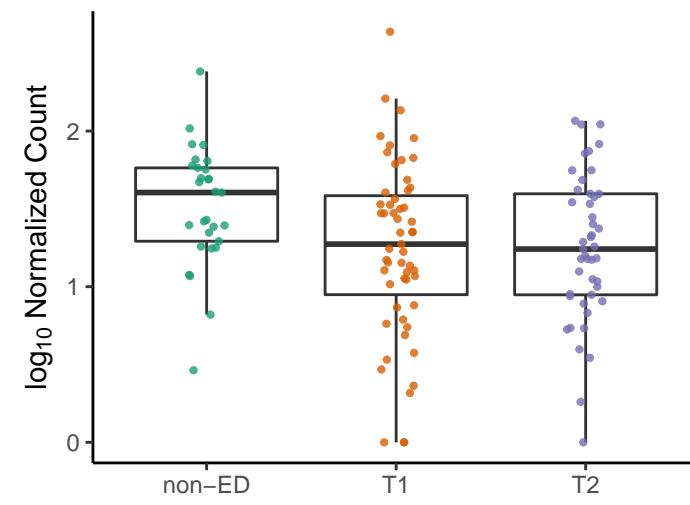
### *Rhizobium grahamii*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.96



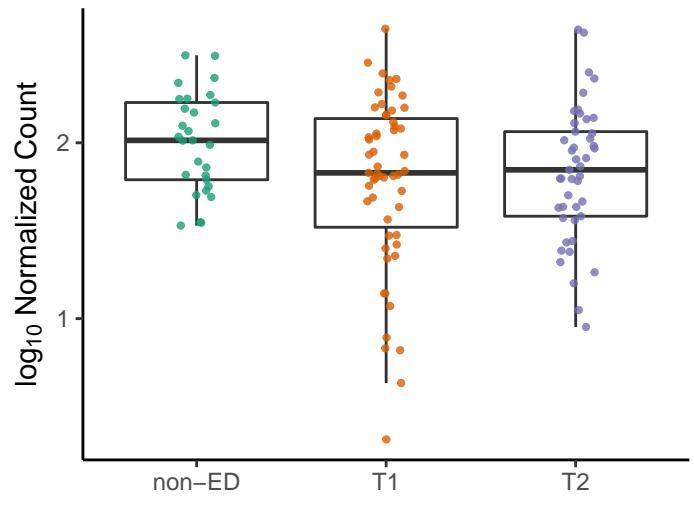
### Unclassified Thermaceae Family

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.95



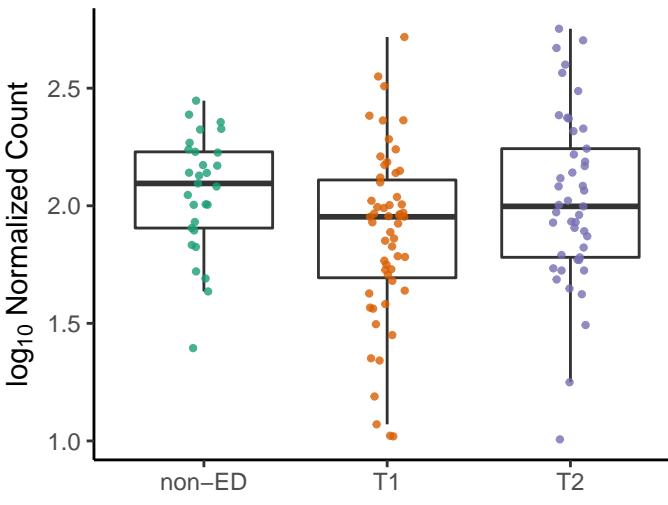
### *Micromonospora purpureochromogenes*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.85



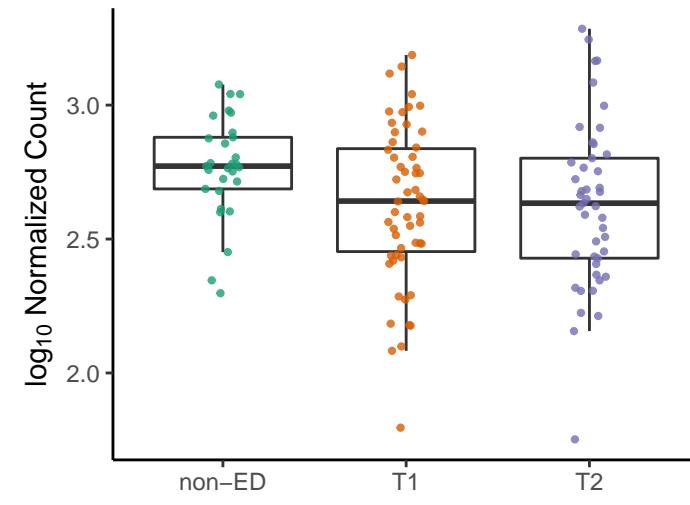
### *Paenibacillus* sp. 37

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.69  
 T1 vs. T2 adjusted p = 0.75



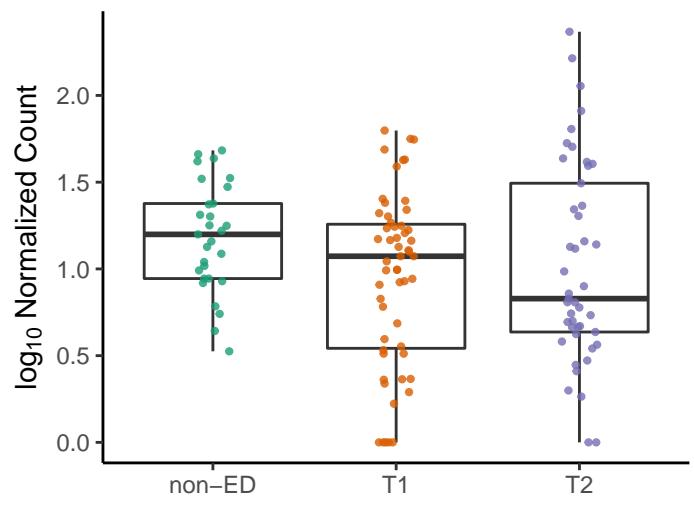
### Unclassified Acinetobacter Genus

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.98



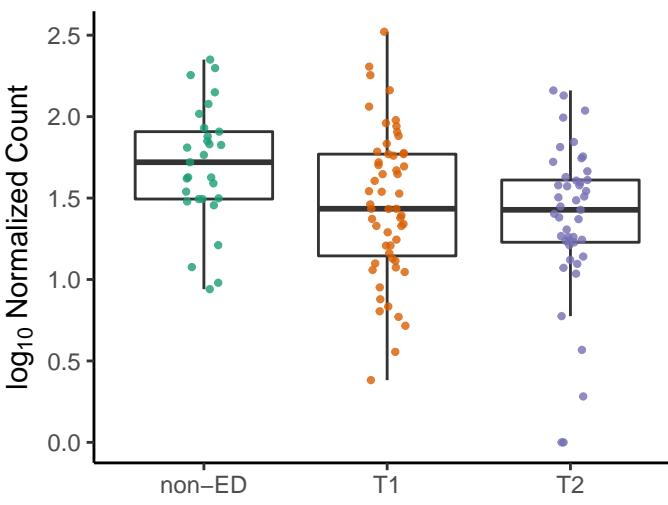
### *Pyrococcus* sp. NA2

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



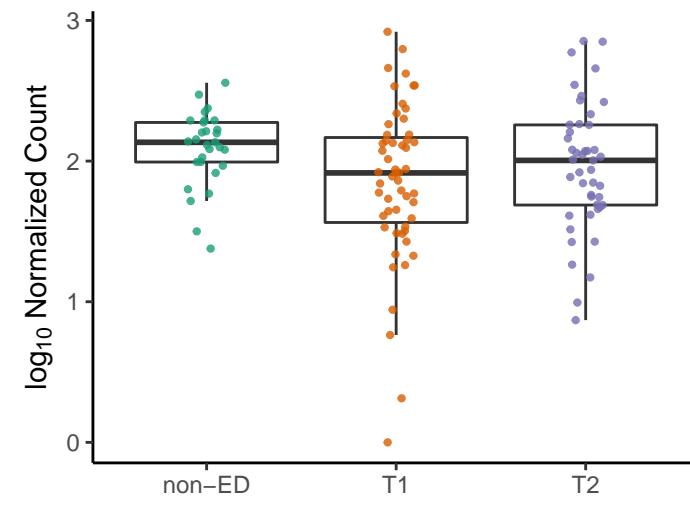
### *Plautia stali* symbiont

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 1



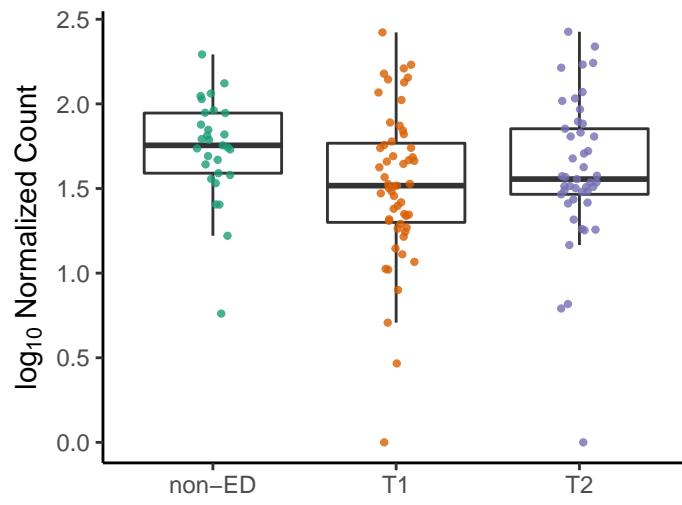
### *Streptomyces* sp. HM190

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



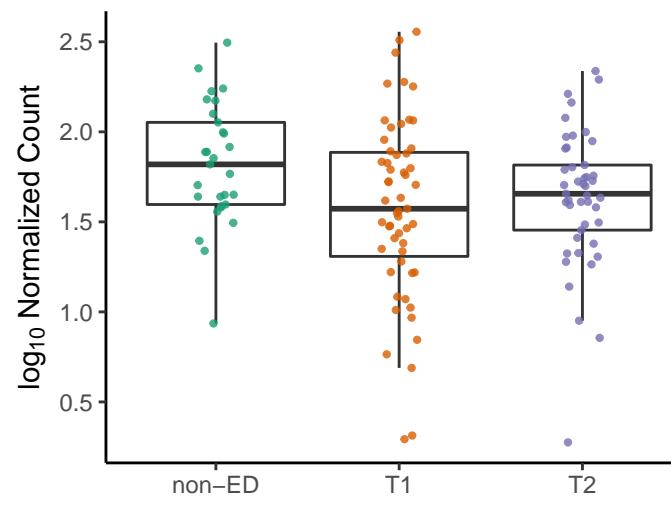
### *Undibacterium parvum*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



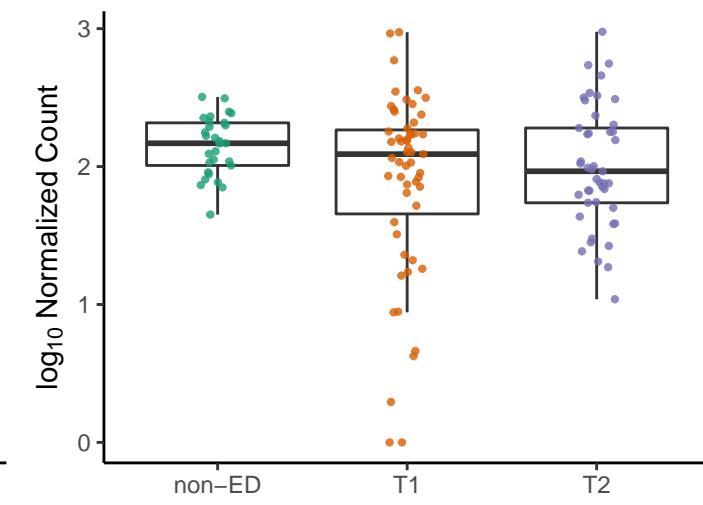
### *Aeromicrobium marinum*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.85



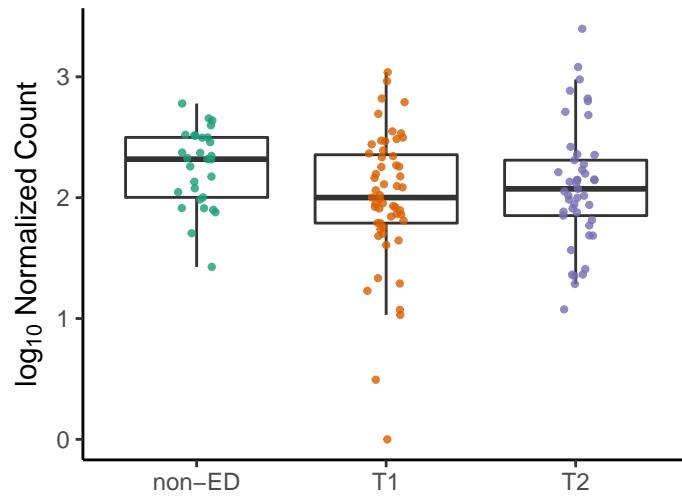
### *Desulfovibrio carbinolicus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



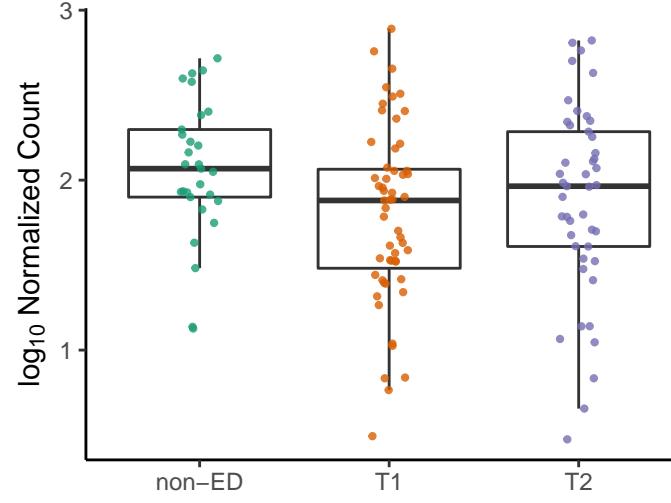
### *Methylorum populi*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



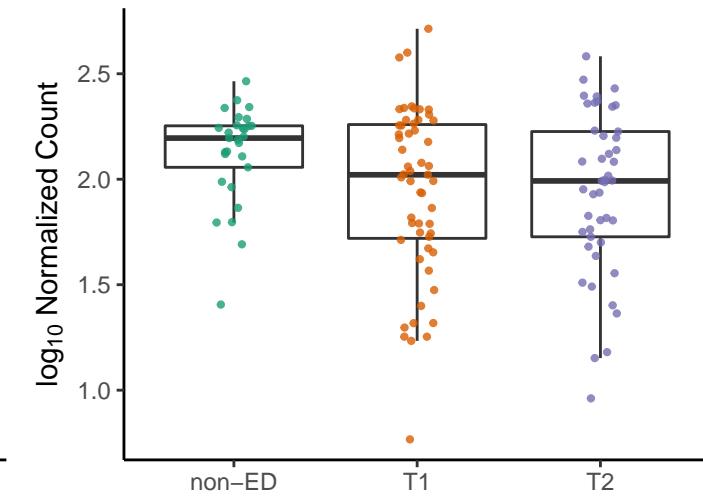
### *Streptomyces asterosporus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



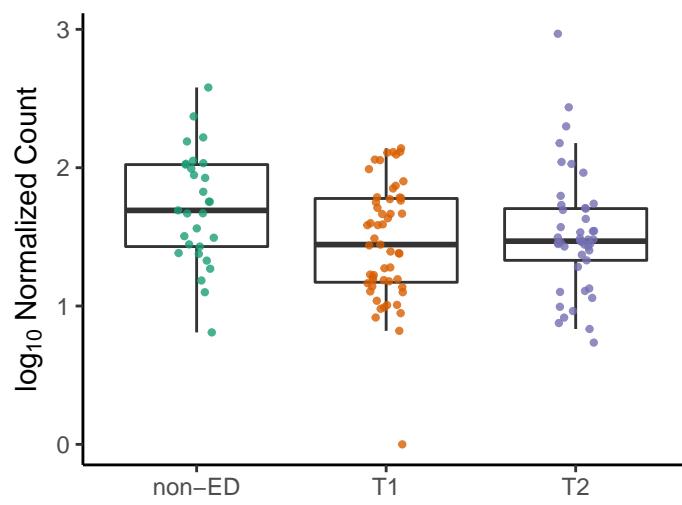
### *Pectobacterium carotovorum*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.93



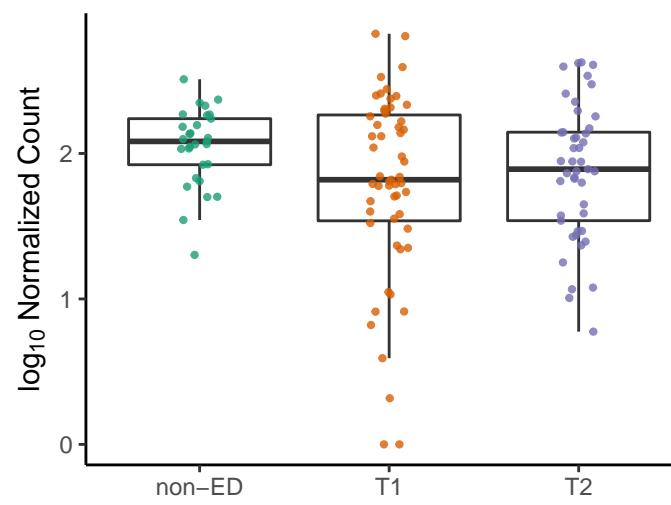
### *Clostridium autoethanogenum*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.95



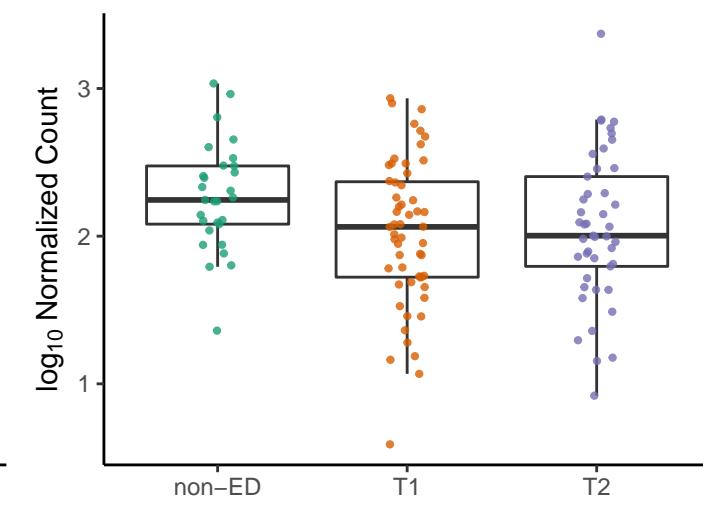
### *Streptomyces davaonensis*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.85



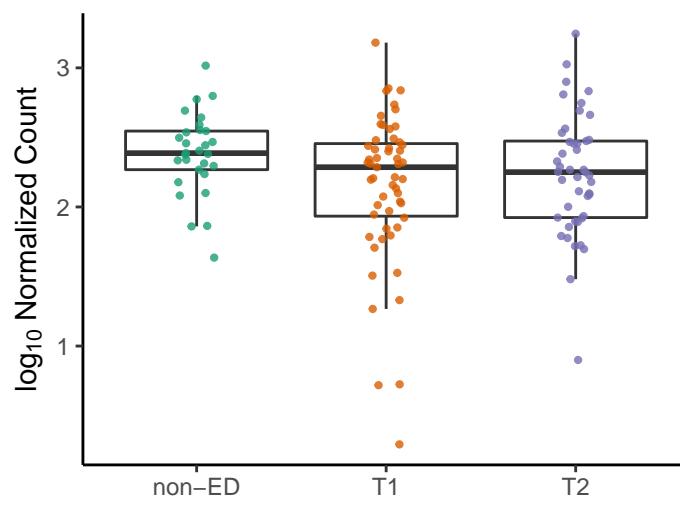
### *Actinomyces radicidentis*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.85



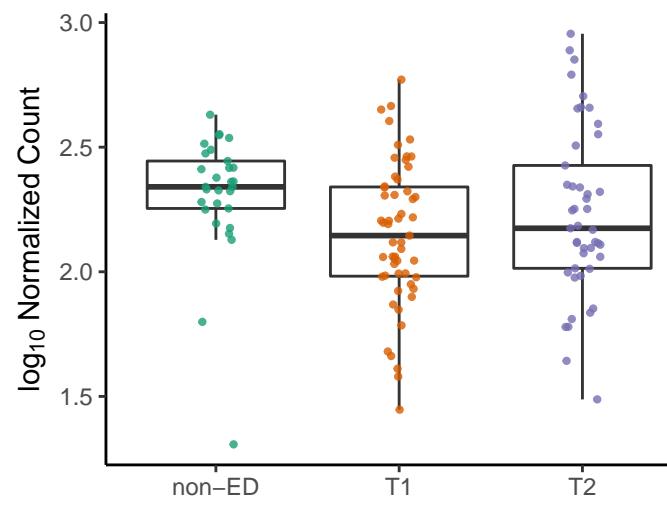
### Rhodobacteraceae bacterium

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



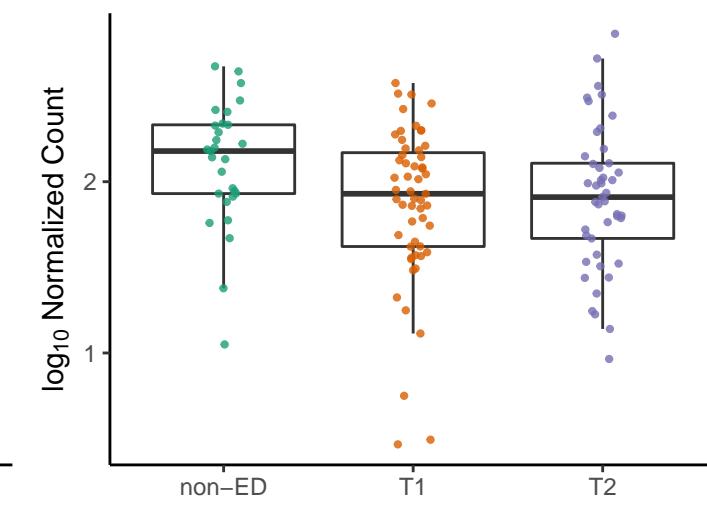
### Aneurinibacillus soli

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.85



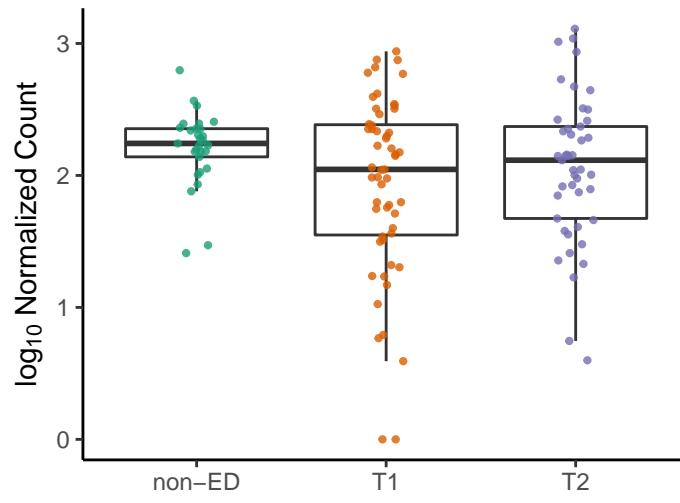
### Devosia ginsengisoli

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.86



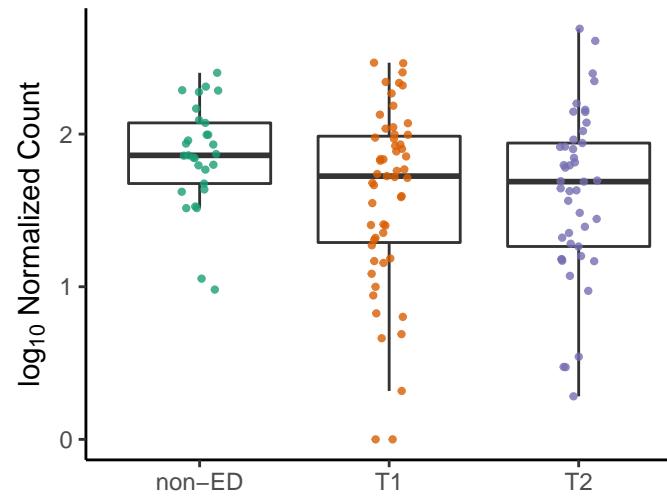
### Modestobacter marinus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



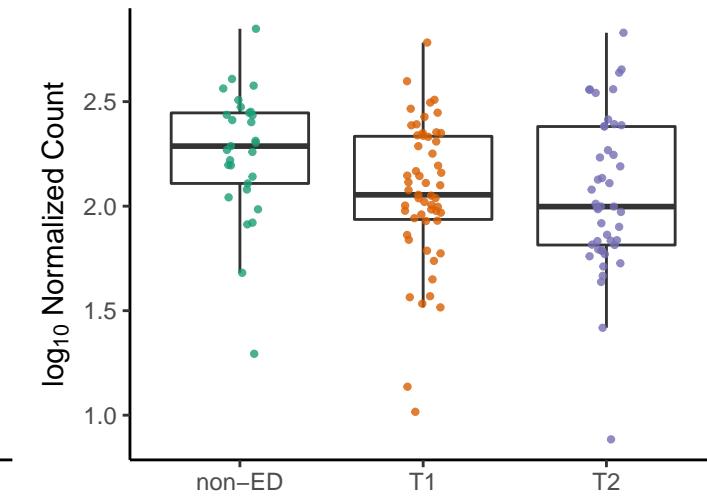
### Streptomyces leeuwenhoekii

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.98



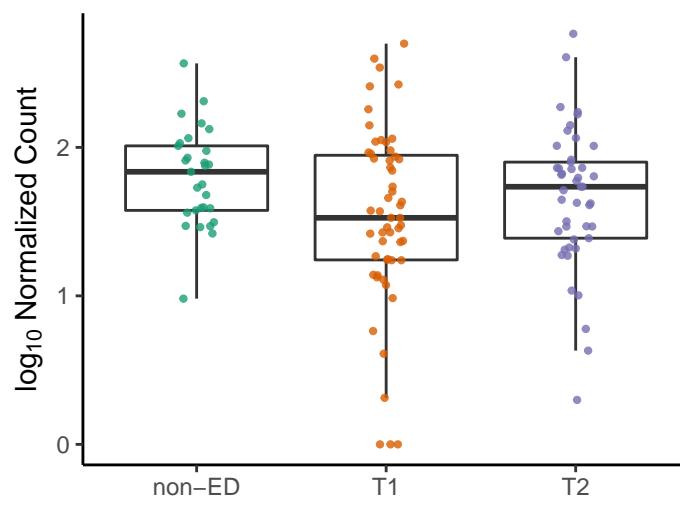
### Paenibacillus antarcticus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 1



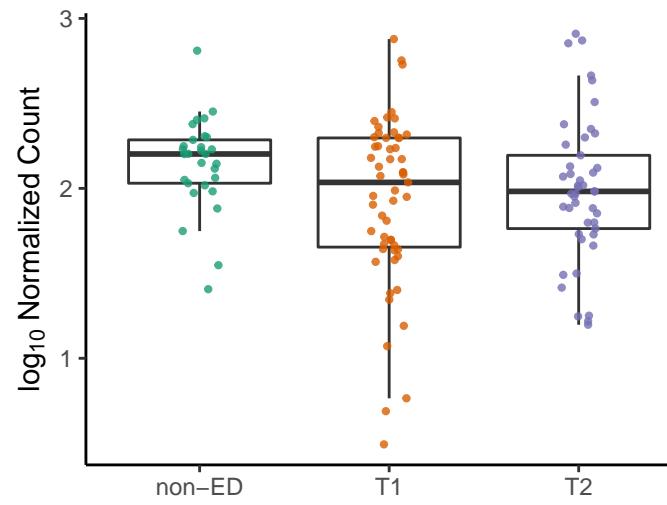
### Sphingomonas paucimobilis

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



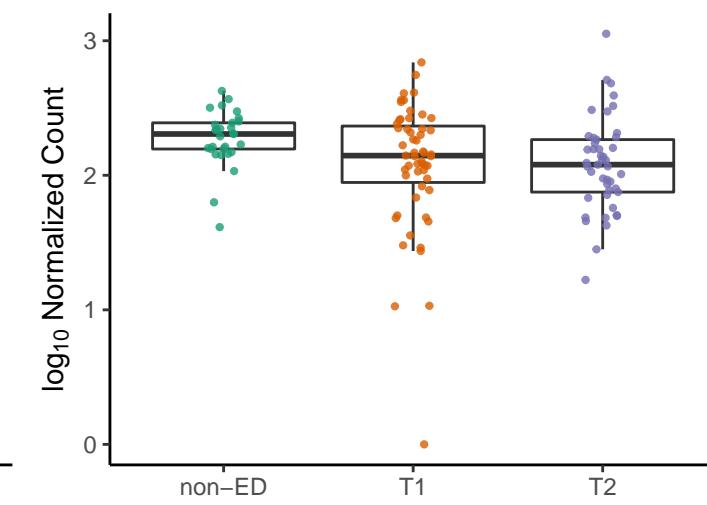
### Ammonifex degensii

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.85



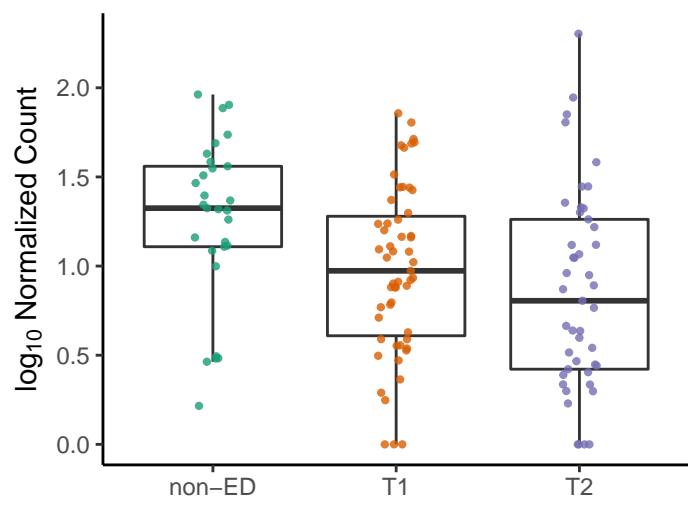
### Fibrella aestuarina

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.98



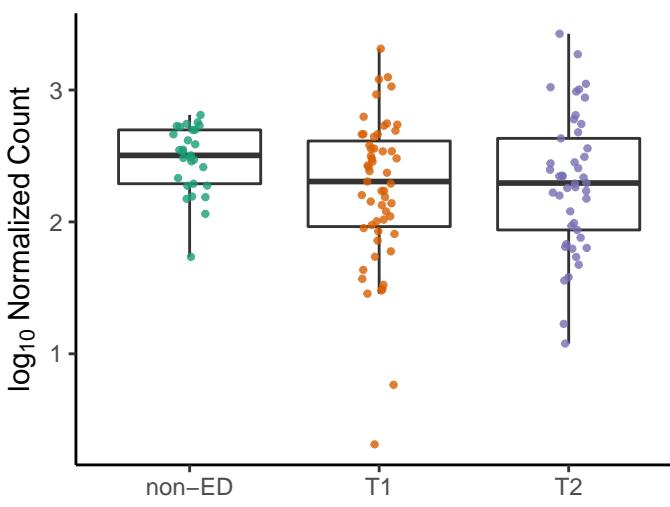
### *Ichthyobacterium seriolicida*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.85



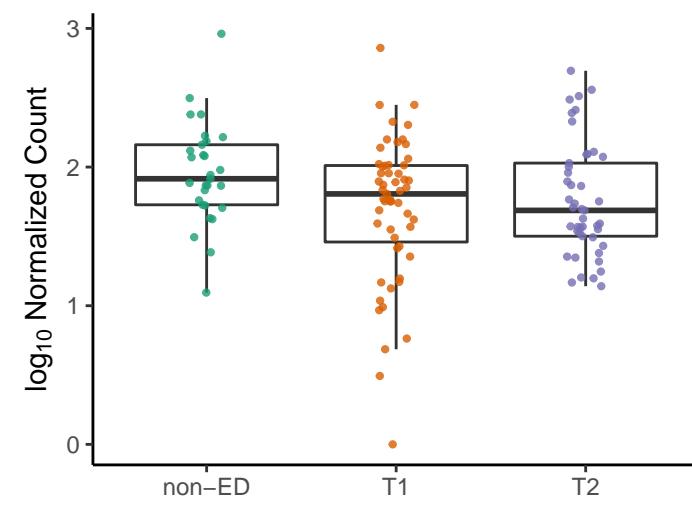
### *Minicystis rosea*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.86



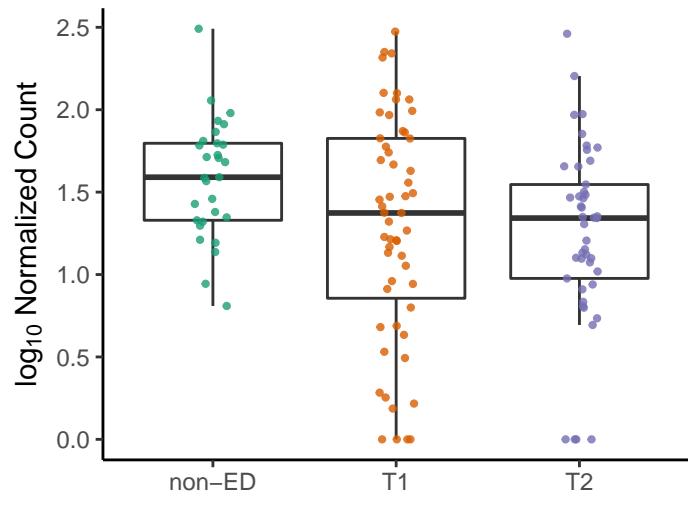
### *Nocardioides sp. dk884*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.85



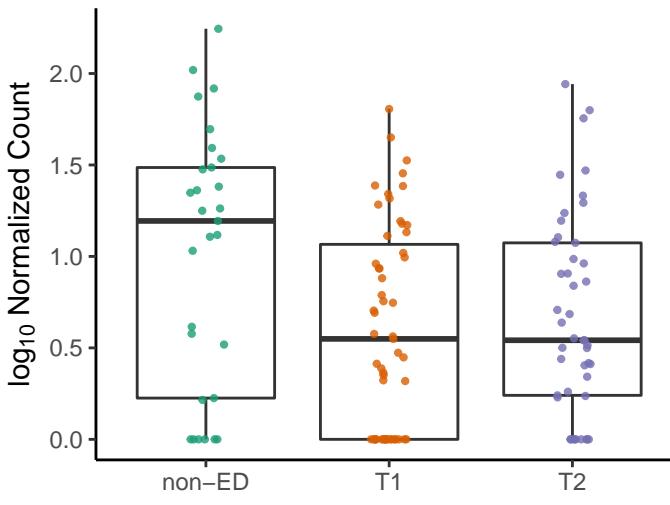
### Unclassified Myxococcus Genus

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.92



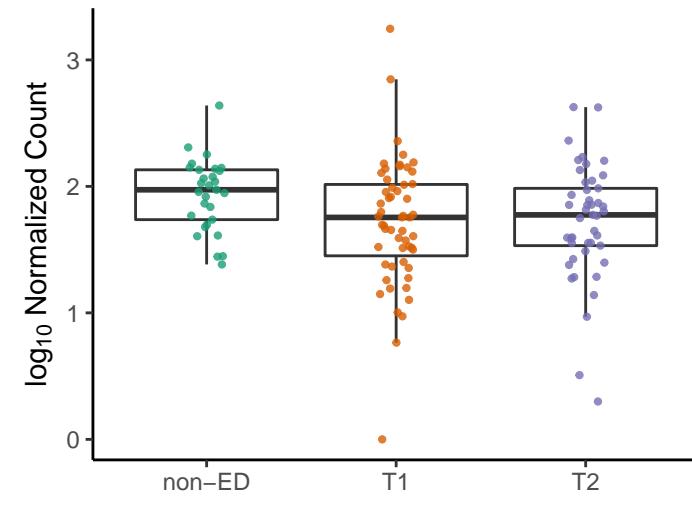
### Unclassified Thermaanaerobacter Genus

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



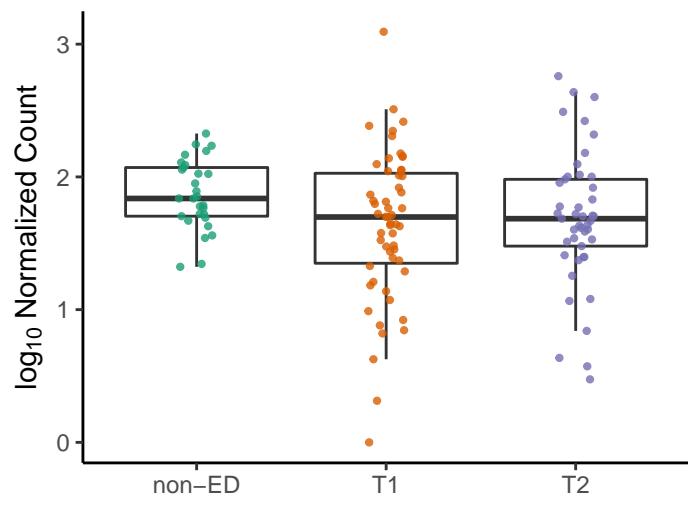
### gamma proteobacterium HdN1

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.99



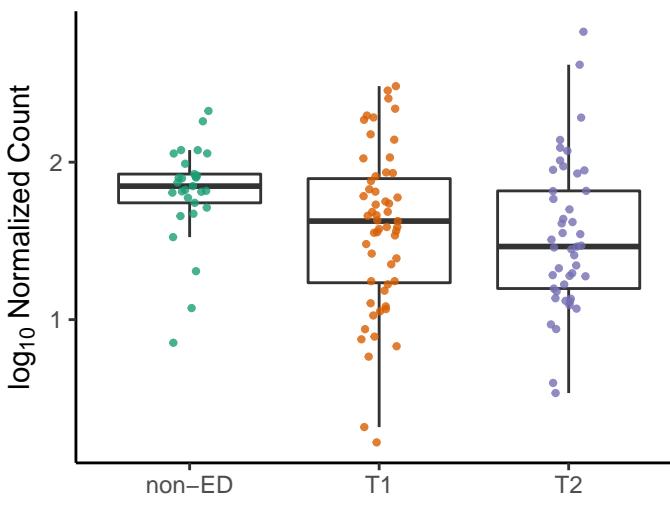
### *Methyloceanibacter sp. wino2*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.85



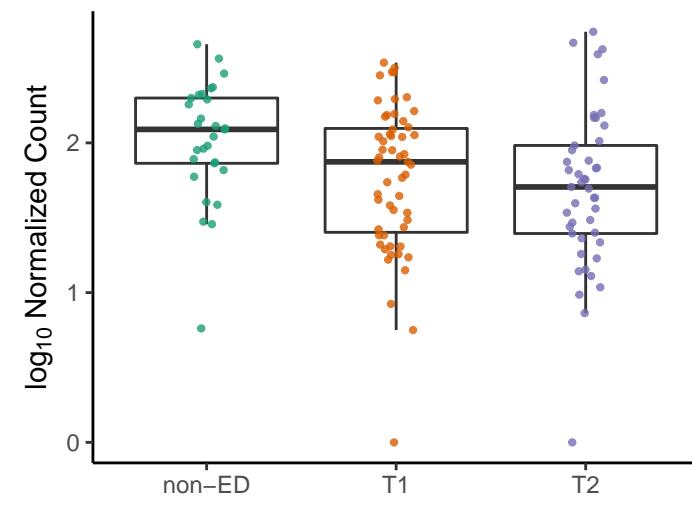
### *Nonlabens marinus*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.92



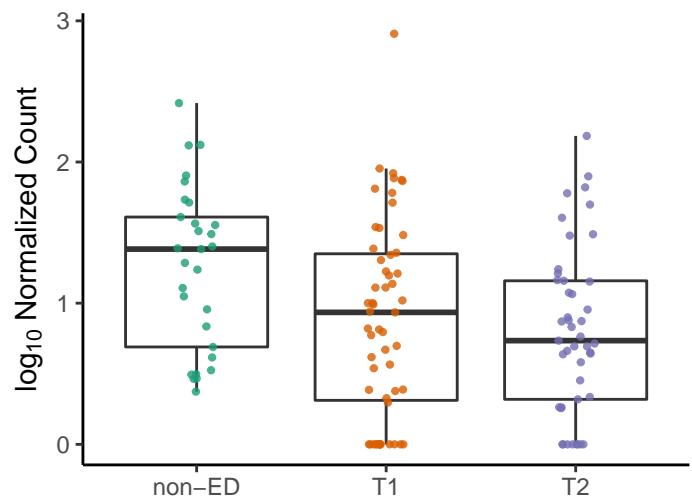
### *Sphingobium sp. YG1*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.97



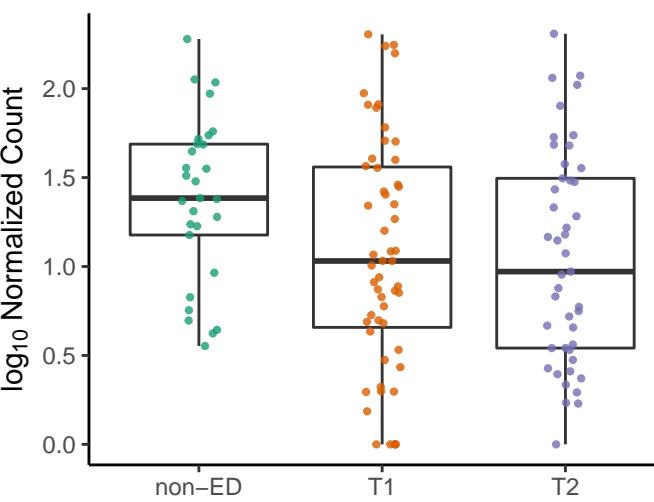
### *Pseudomonas soli*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.97



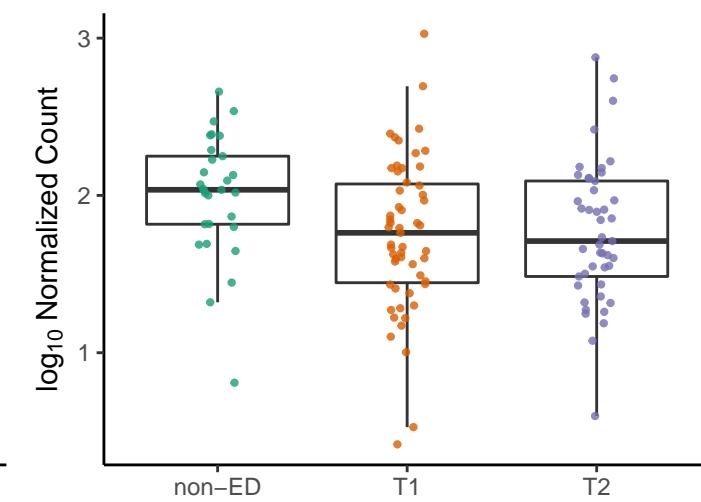
### *Sphingobium fuliginis*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



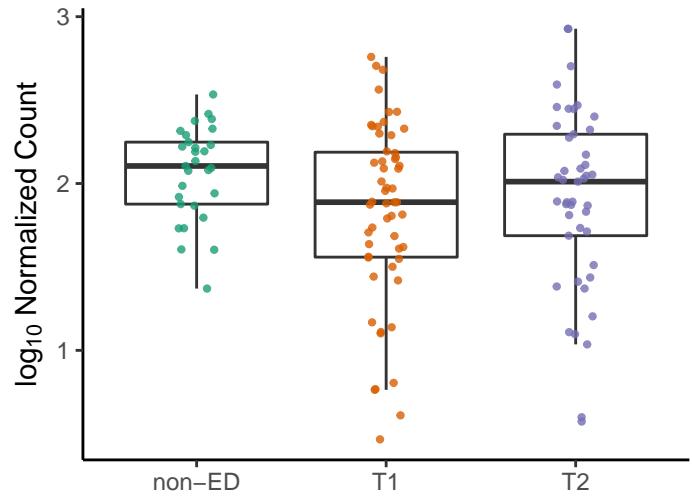
### *Alteromonas mediterranea*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.99



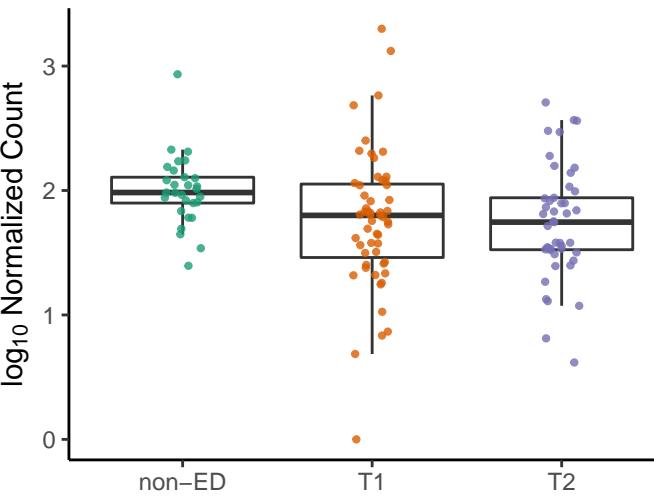
### *Streptomyces* sp. MK-45

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



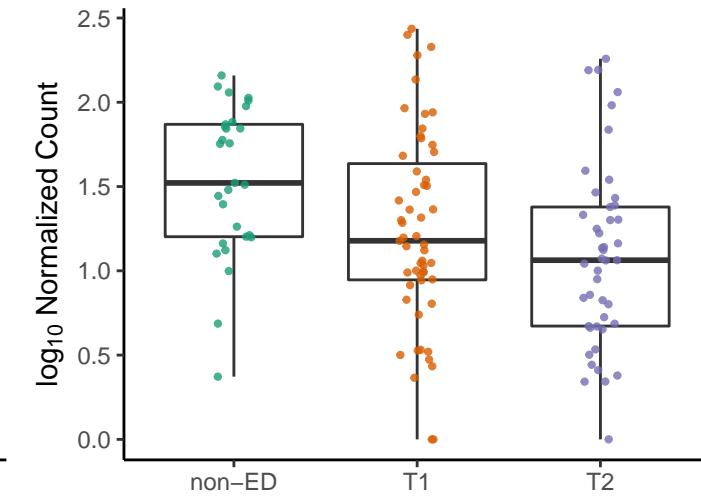
### *Deinococcus deserti*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.99



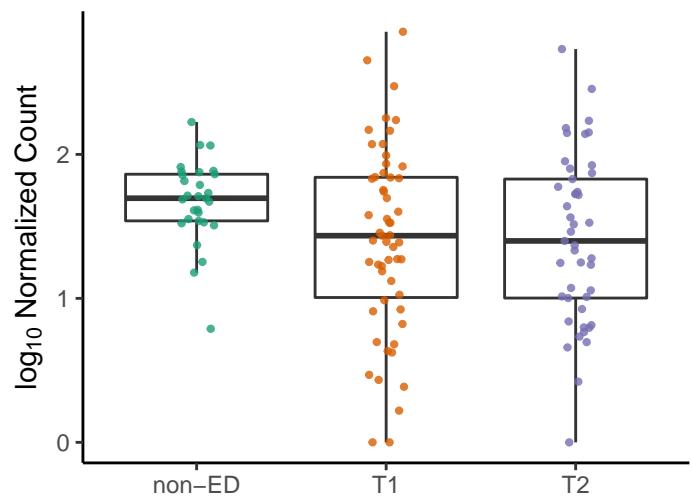
### *Spiroplasma tabanidicola*

non-ED vs. T1 adjusted p = 0.028  
 non-ED vs. T2 adjusted p = 0.0043  
 T1 vs. T2 adjusted p = 0.85



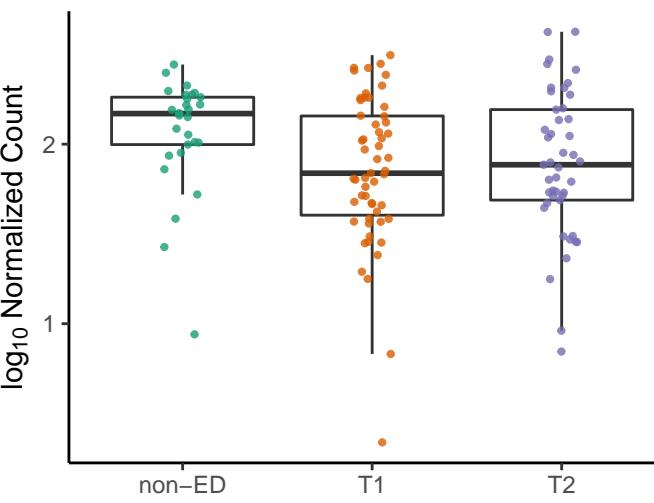
### *Burkholderia oklahomensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.95



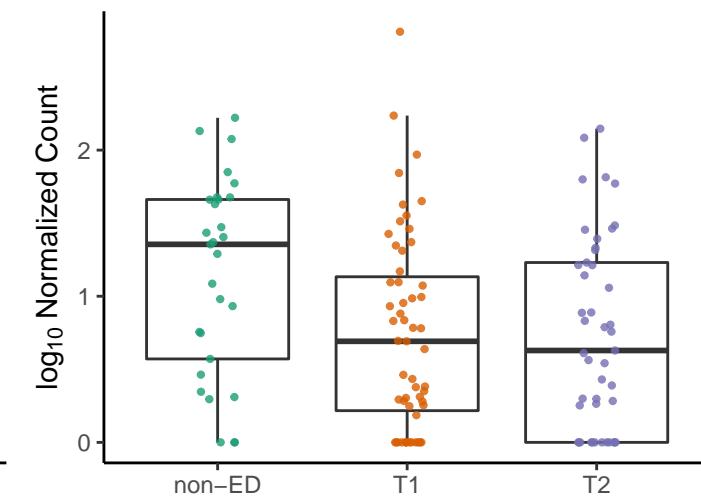
### *Bacillus cytotoxicus*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.99



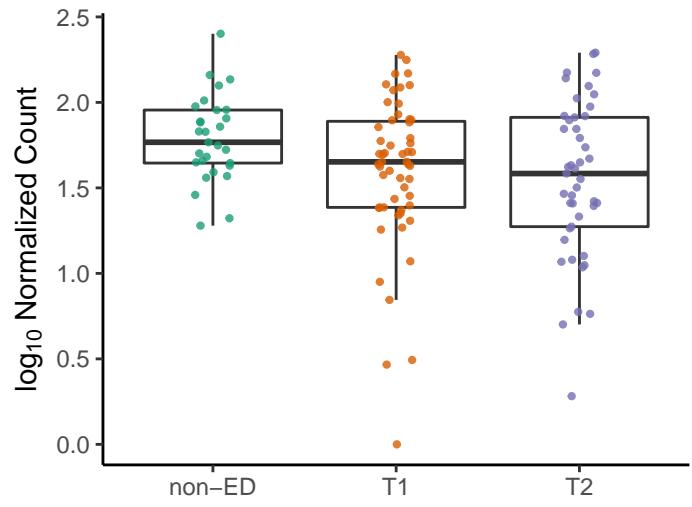
### *Sphingopyxis* sp. MG

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.91



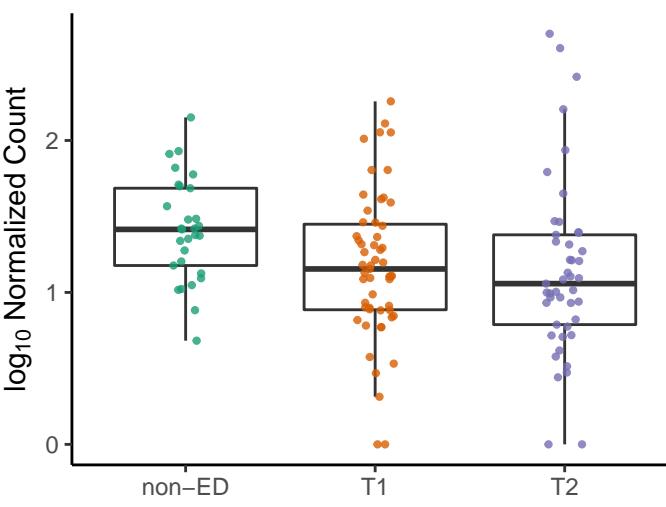
### *Sulfuriflexus mobilis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



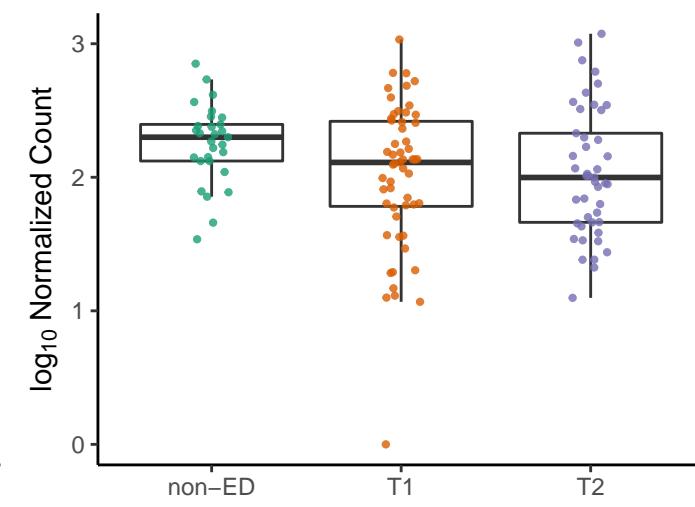
### *Halostagnicola larsenii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.98



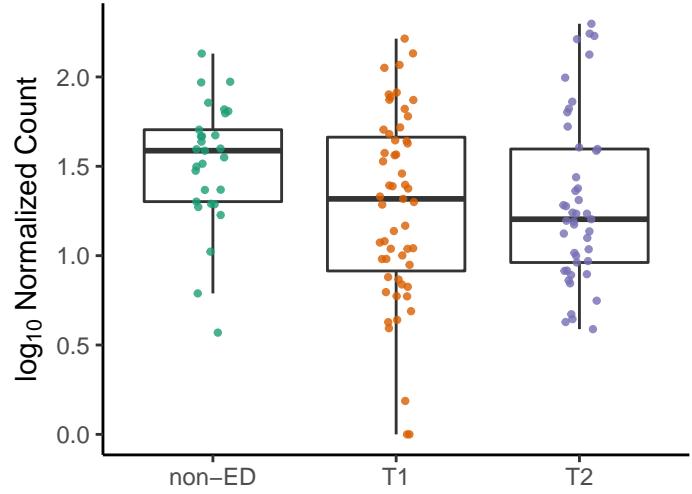
### *Thioalkalivibrio sulfidophilus*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.87



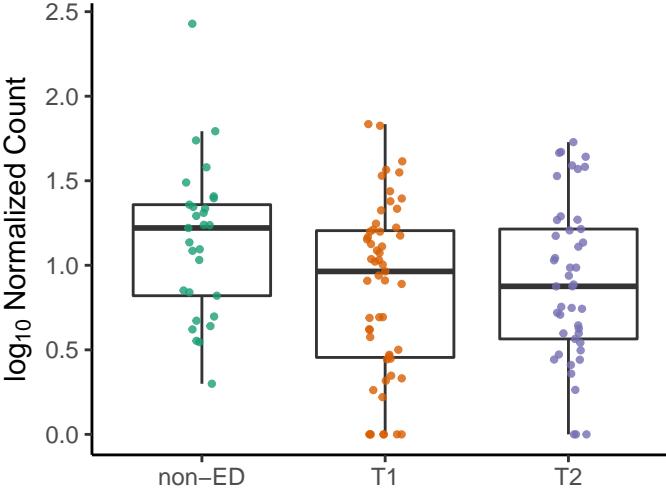
### *Methanothermococcus okinawensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.95



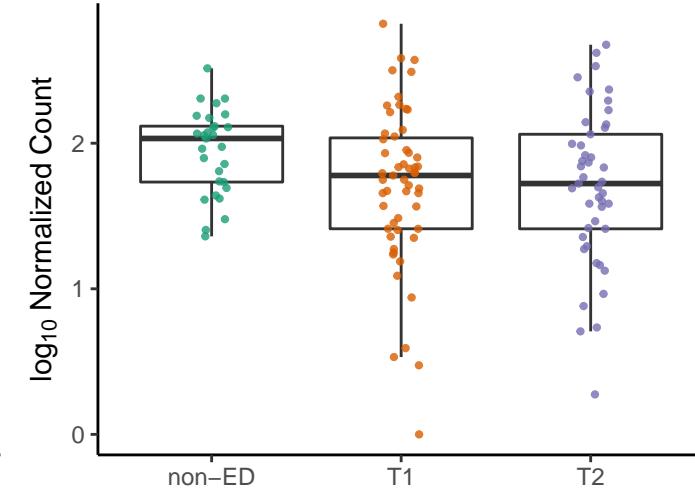
### *Corynebacterium sp. ATCC 6931*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



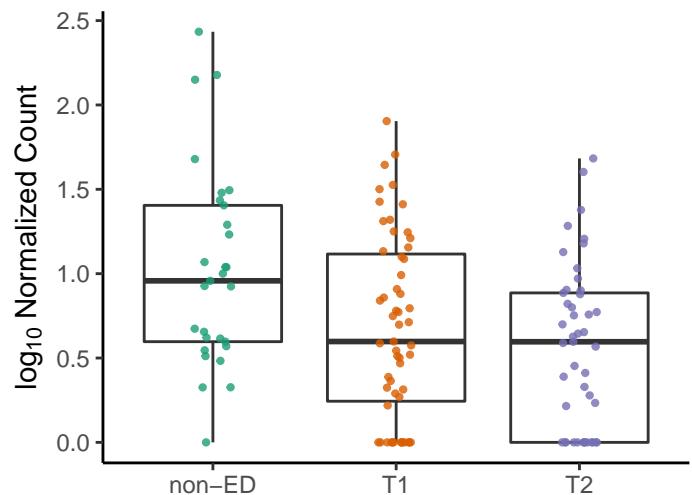
### *Microbacterium protaeiae*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.89



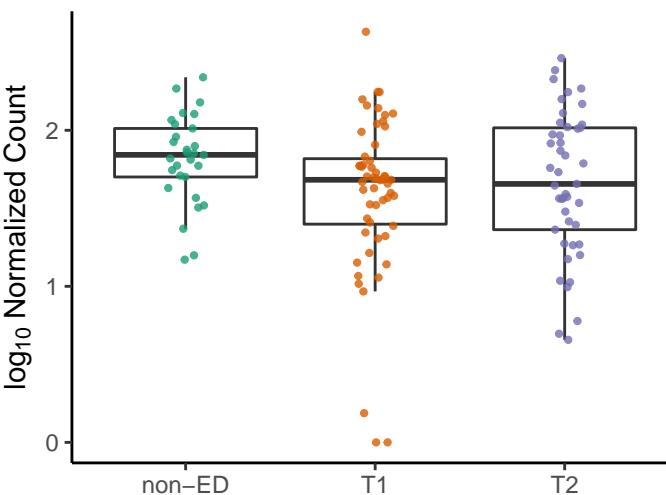
### *Mycobacterium sp. QIA-37*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.85



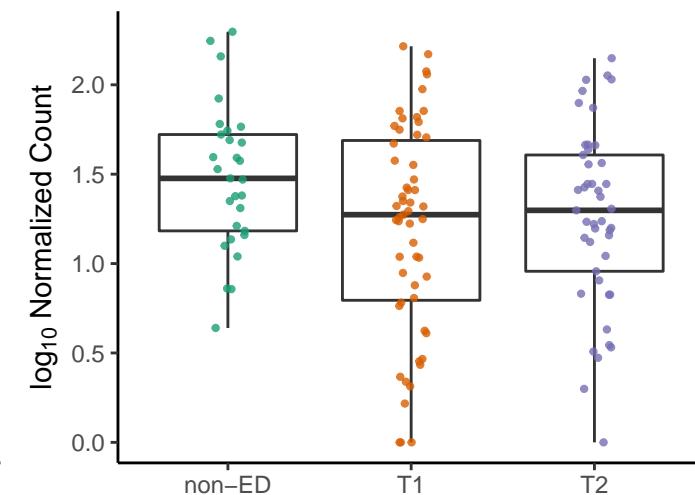
### *Rippkaea orientalis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



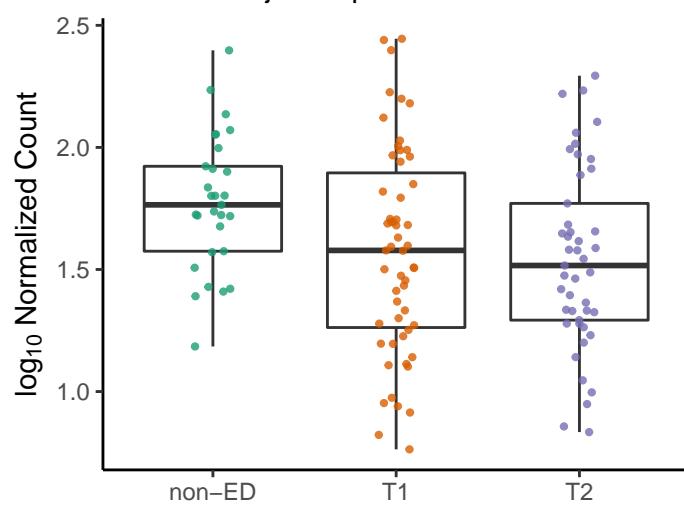
### *Xylella taiwanensis*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.87



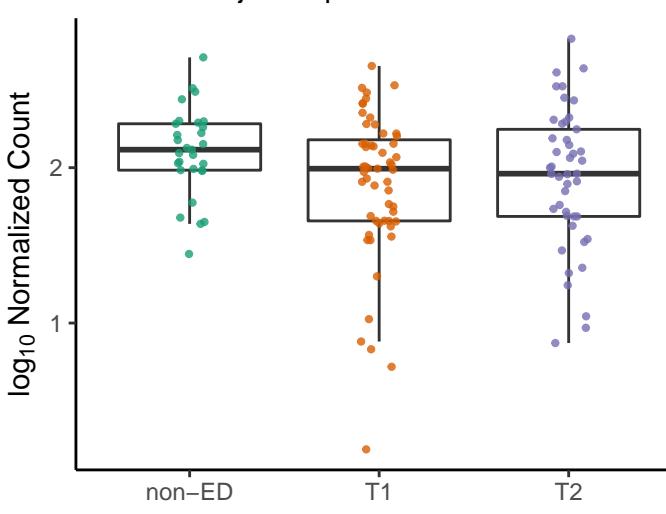
### *Streptomyces* sp. CMB-StM0423

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 1



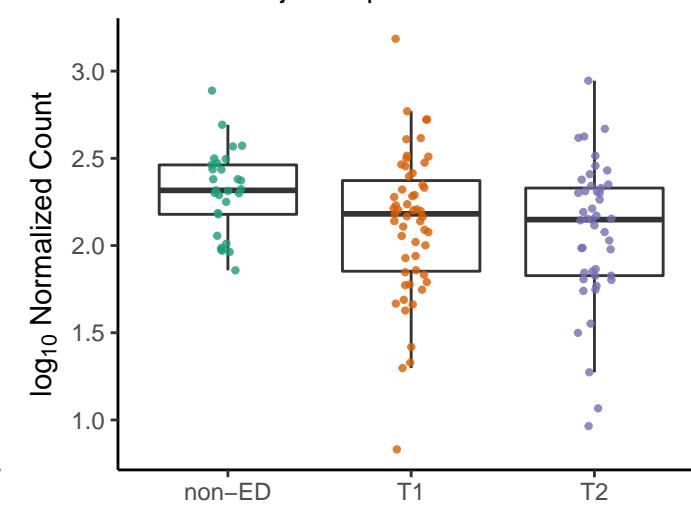
### *Mobilicoccus* sp. NJES-13

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.85



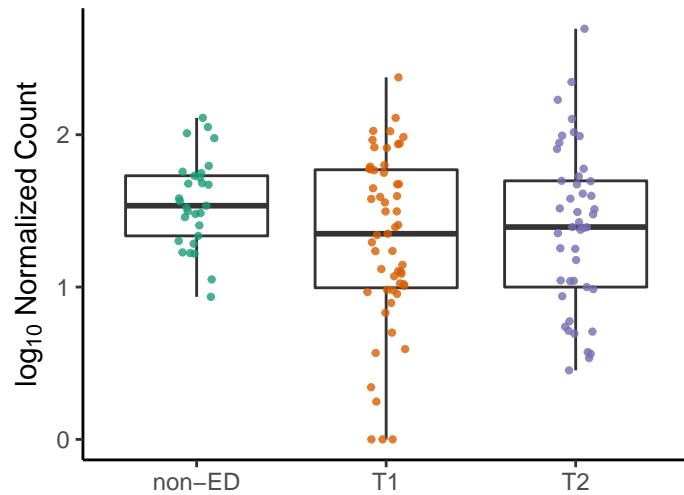
### *Pseudomonas* azotoformans

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.95



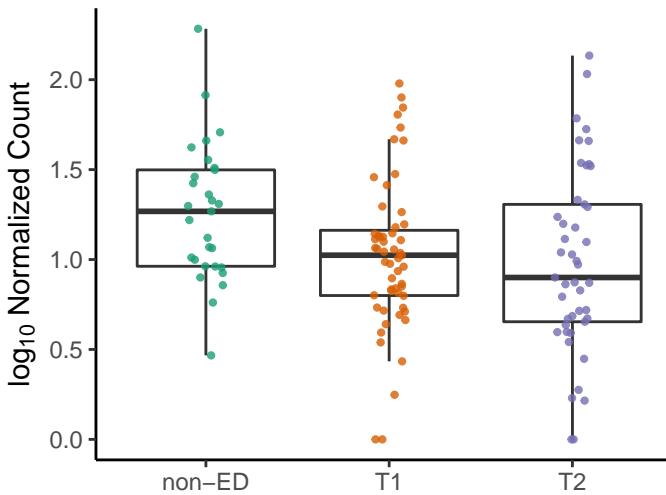
### Unclassified Haloarcula Genus

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.87



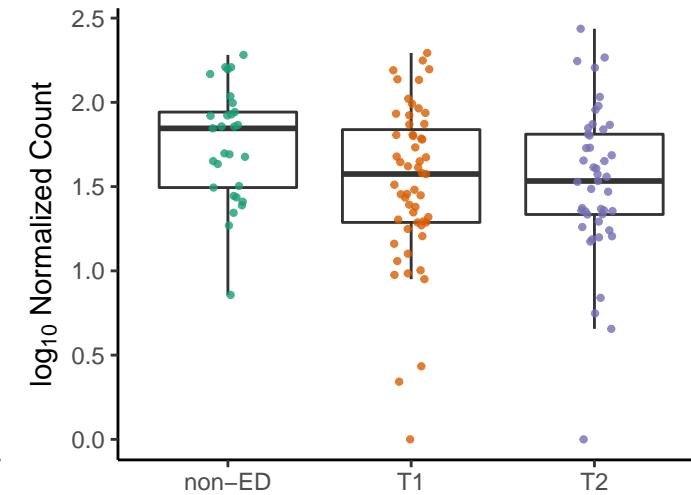
### *Candidatus Phytoplasma ziziphi*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



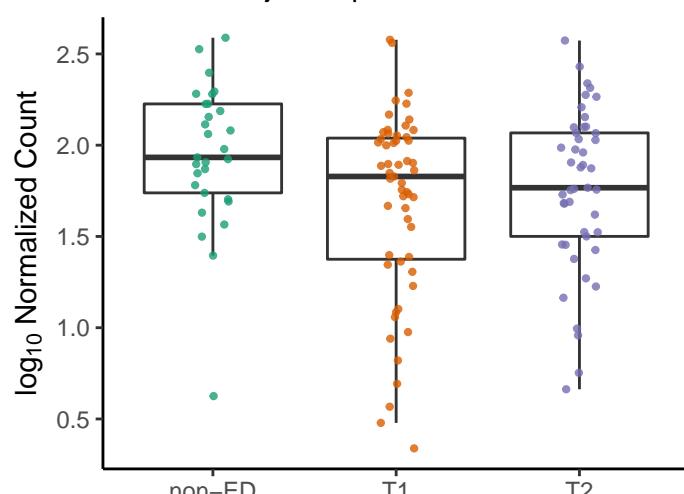
### *Sphingomonas* sp. KC8

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



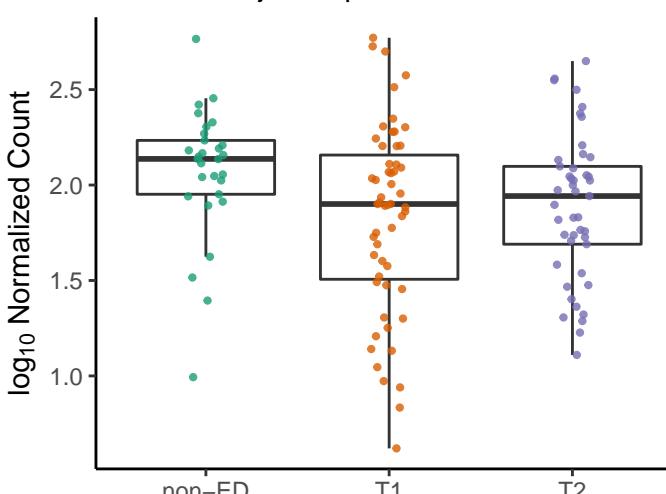
### Unclassified Chitinophagaceae Family

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.86



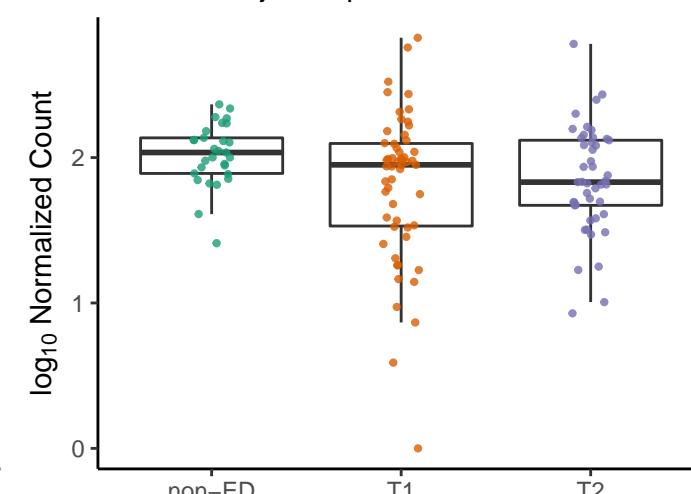
### Unclassified Xanthomonadales Order

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.85



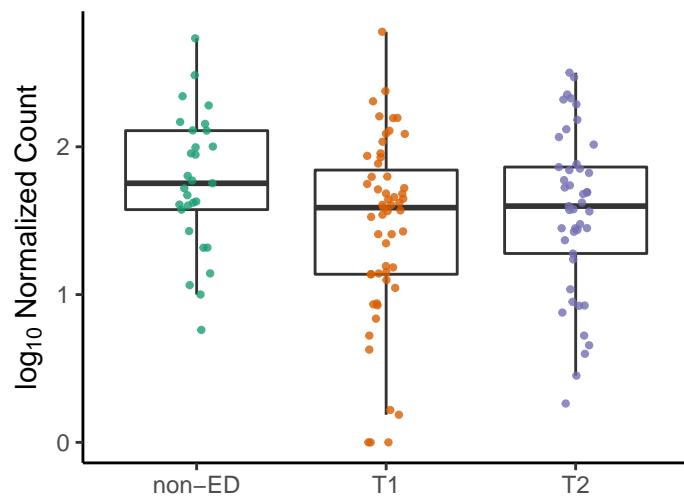
### *Candidatus Cyclonatronum proteinivorum*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.87



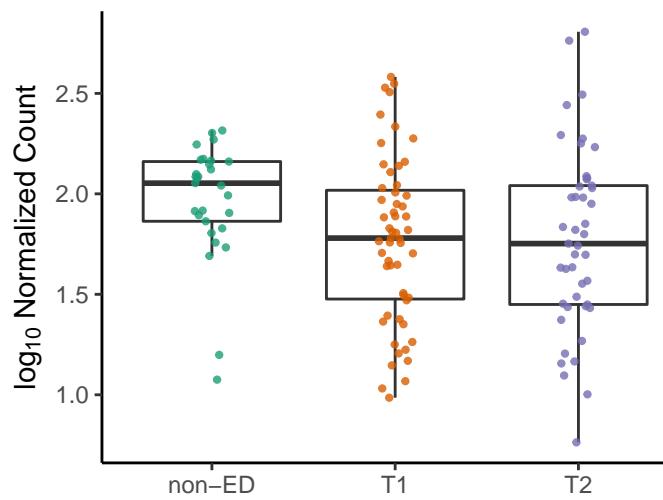
### *Nocardioides baekrokdamisoli*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



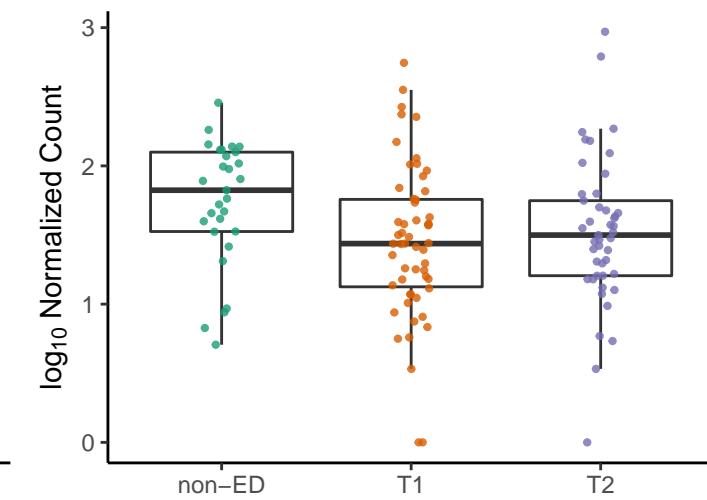
### *Kazachstania africana*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.91



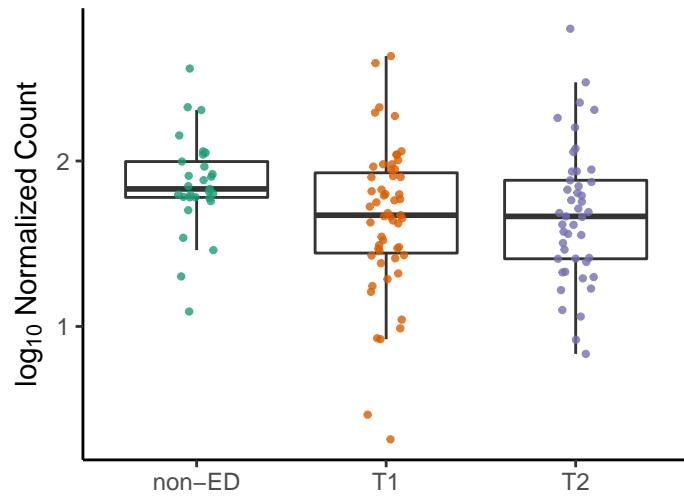
### *Kazachstania naganishii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.86



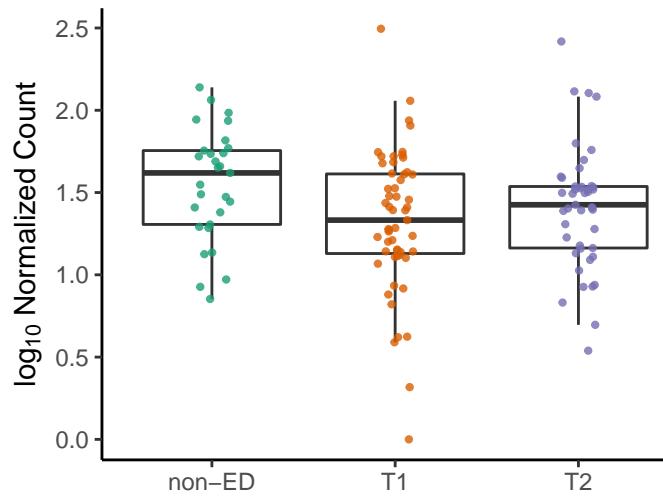
### *Pseudomonas cichorii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.85



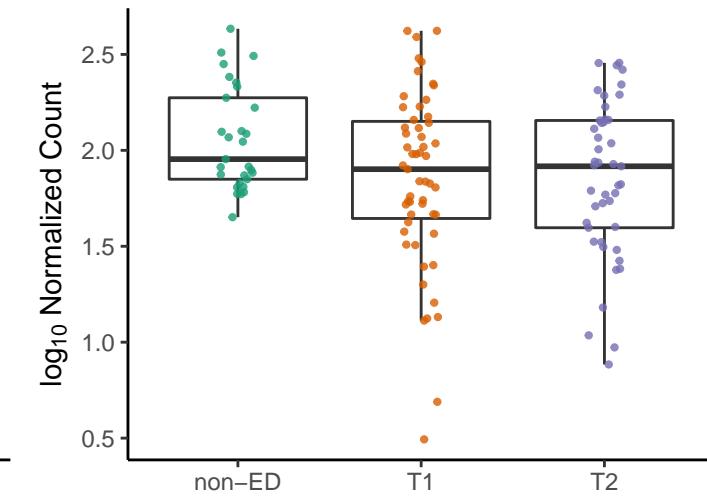
### *Acinetobacter lwoffii*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



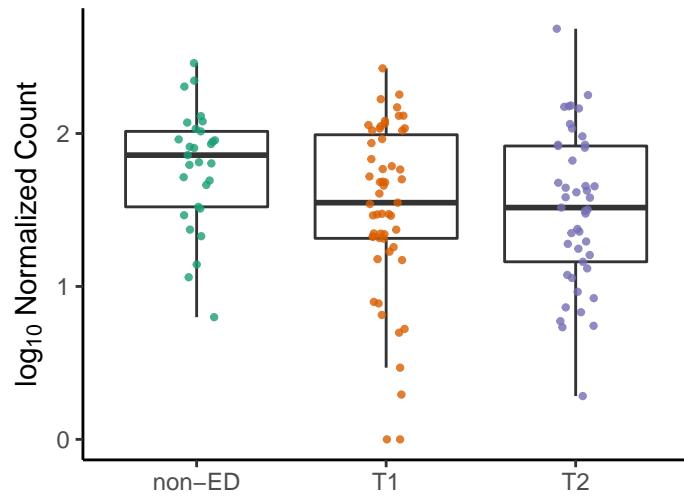
### *Methylococcus capsulatus*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.9



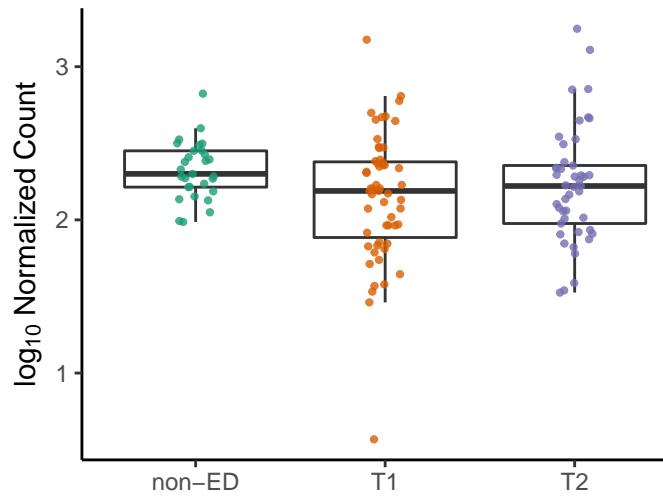
### *Microcella alkaliphila*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 1



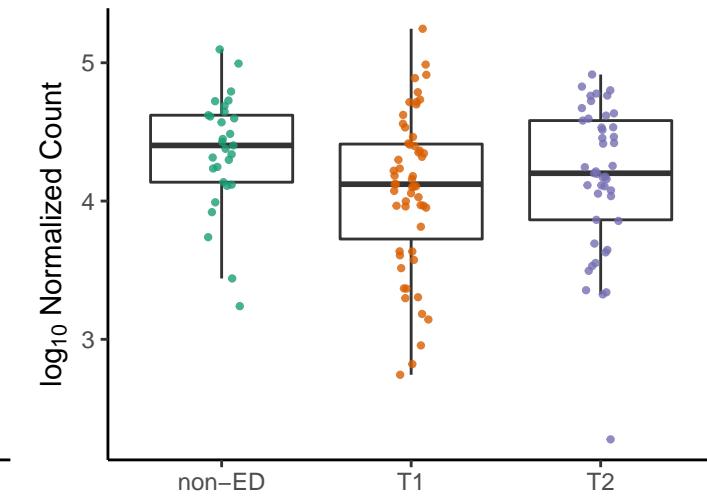
### *Pelolinea submarina*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



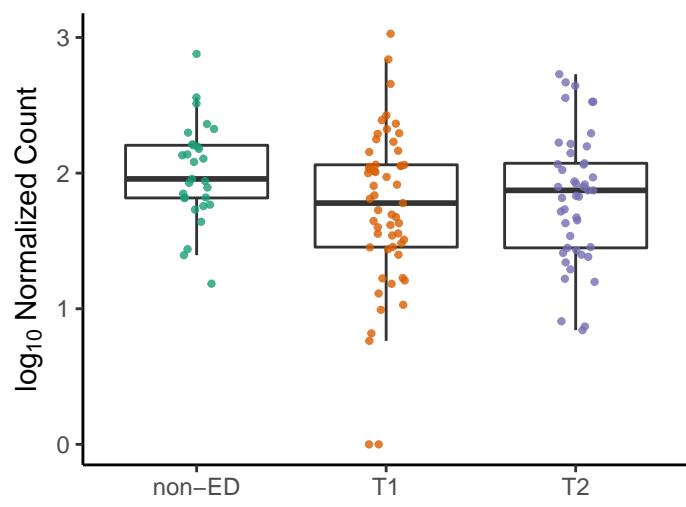
### *Christensenella minuta*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



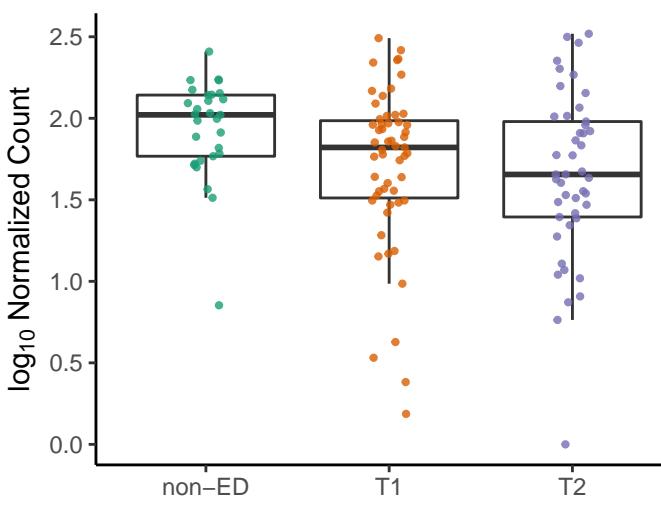
### *Georgenia* sp. ZLJ0423

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



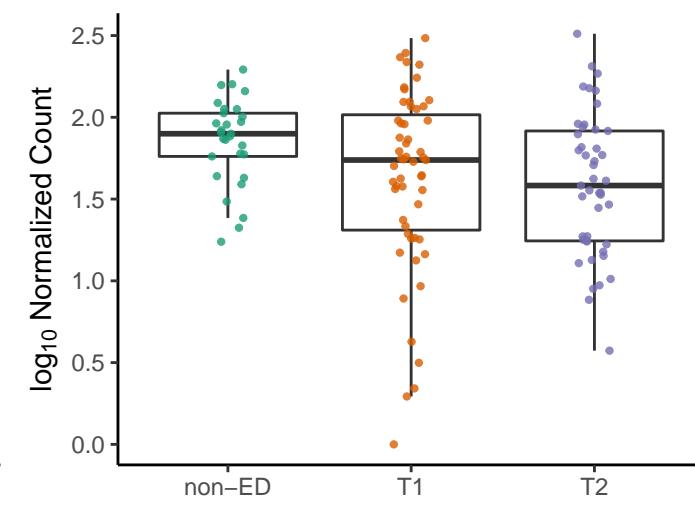
### *Pseudomonas* trivialis

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.95



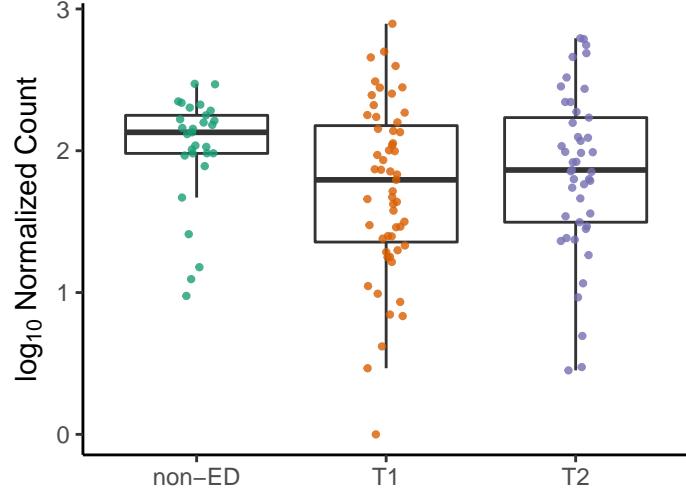
### *Planctomycetes* bacterium Pan181

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.98



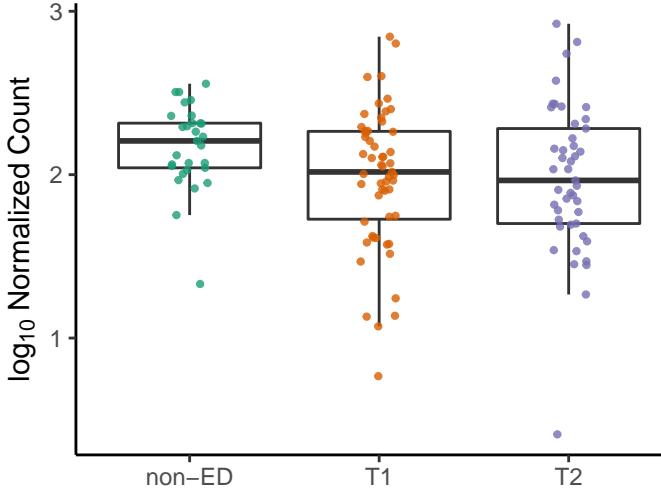
### *Gryllotalpicola* sp. 2DFW10M-5

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



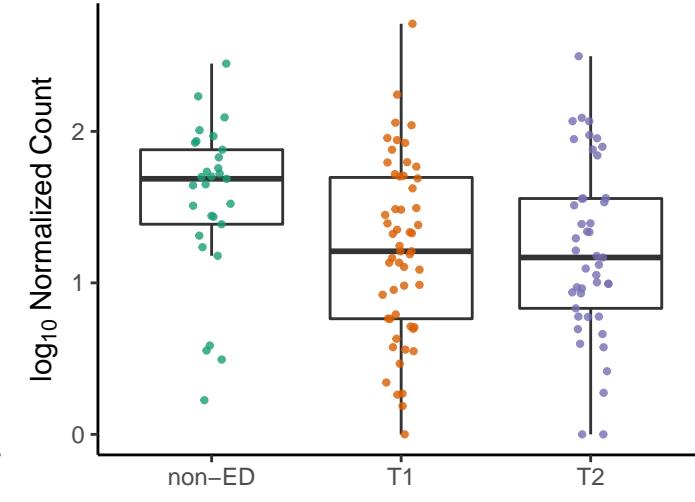
### *Pontibacter* actiniarum

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.98



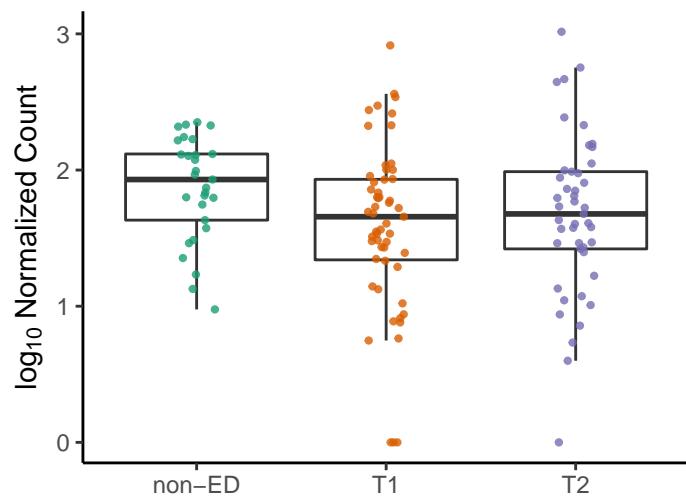
### *Pseudomonas* sp. PONIH3

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.97



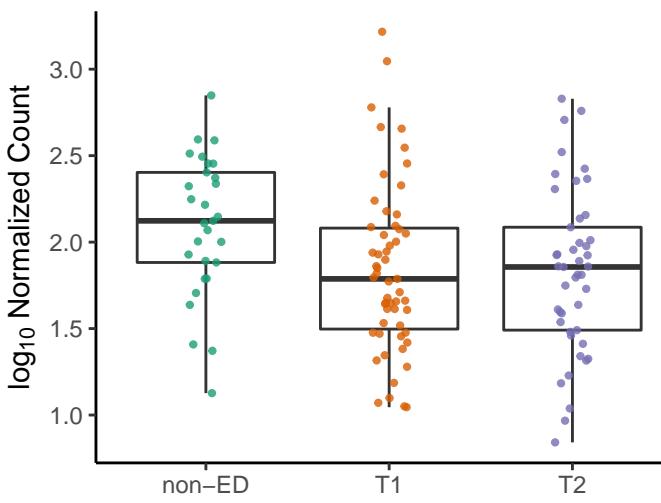
### *Rhodobacter* sp. LPB0142

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



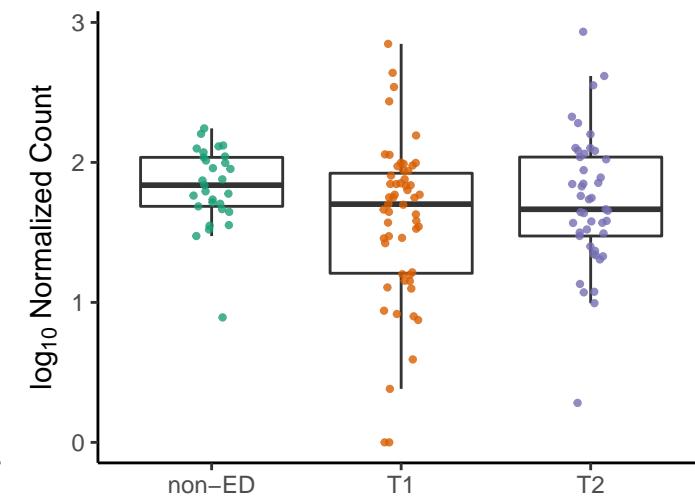
### *Enterobacter* asburiae

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



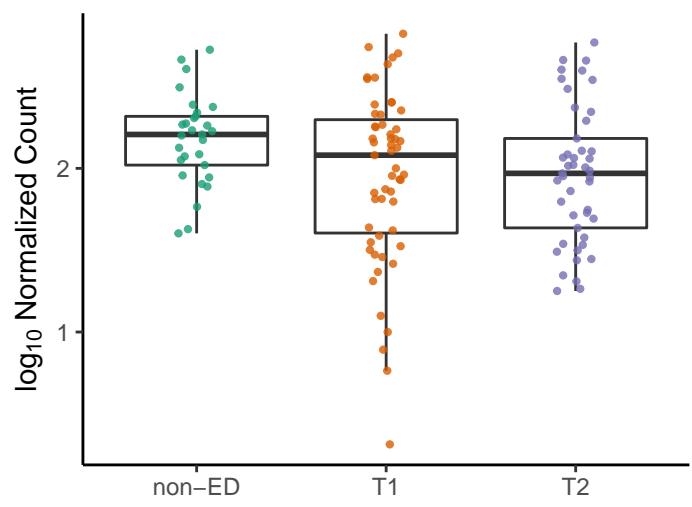
### Unclassified Acidithiobacillus Genus

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



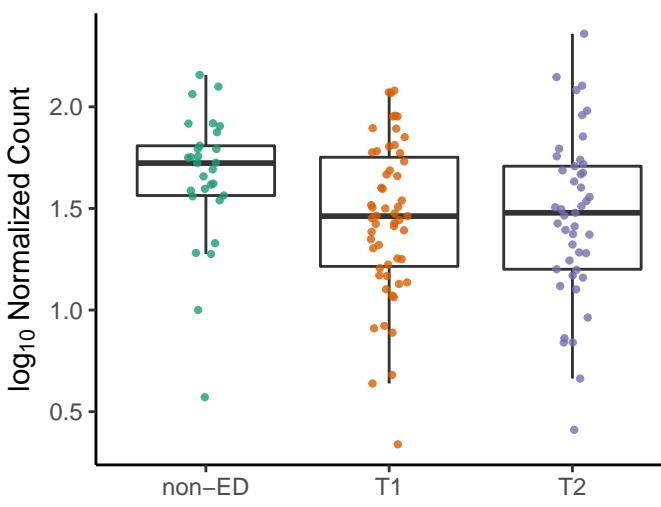
### *Castellaniella defragrans*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.95



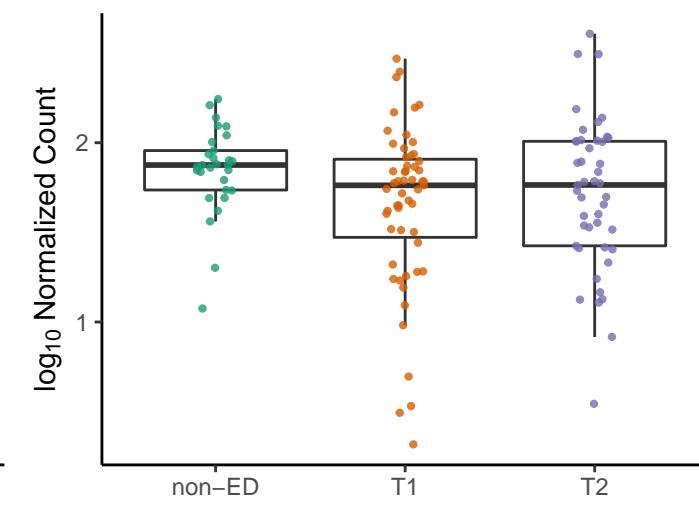
### *Vibrio metoecus*

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.98



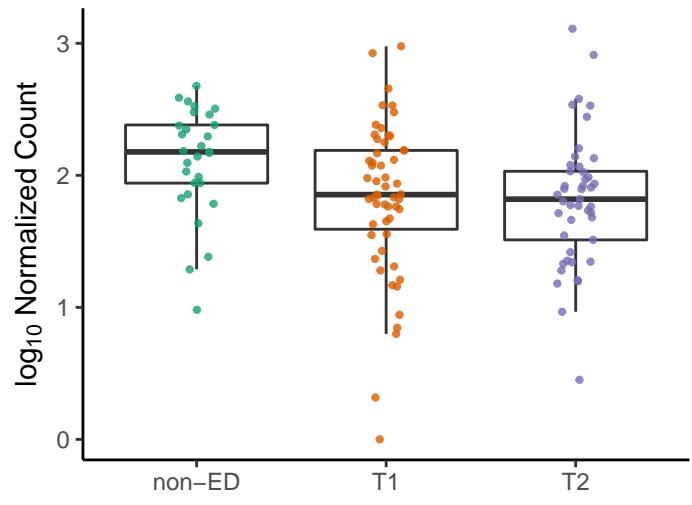
### *Bordetella* sp. HZ20

non-ED vs. T1 adjusted p = 0.029  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



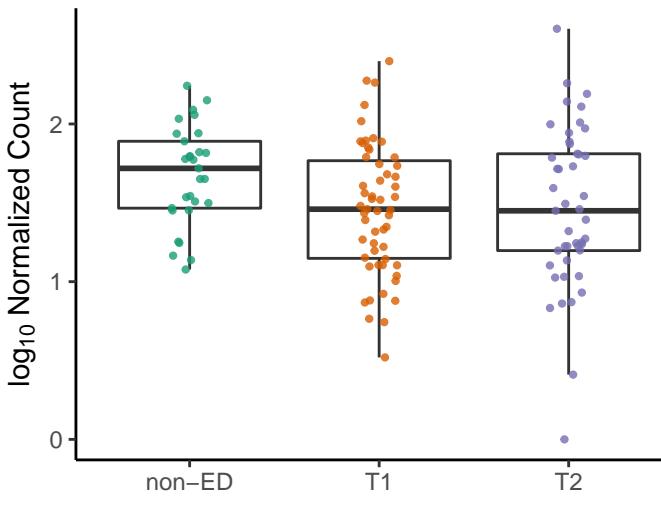
### *Variovorax* sp. RA8

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.97



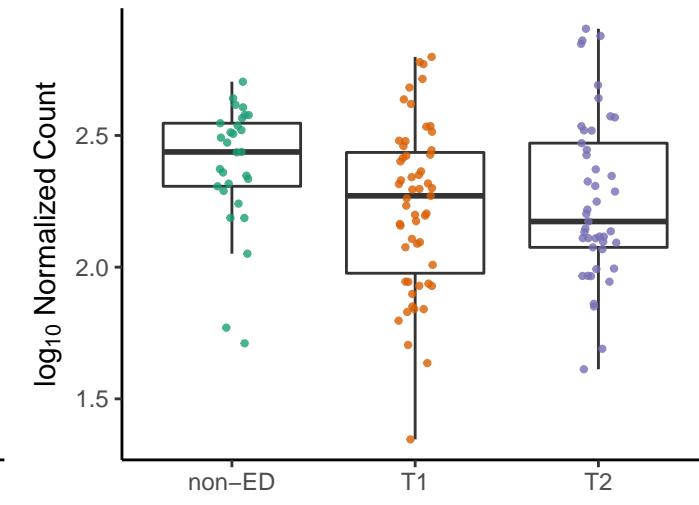
### *Sulfurospirillum* sp. UCH001

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.98



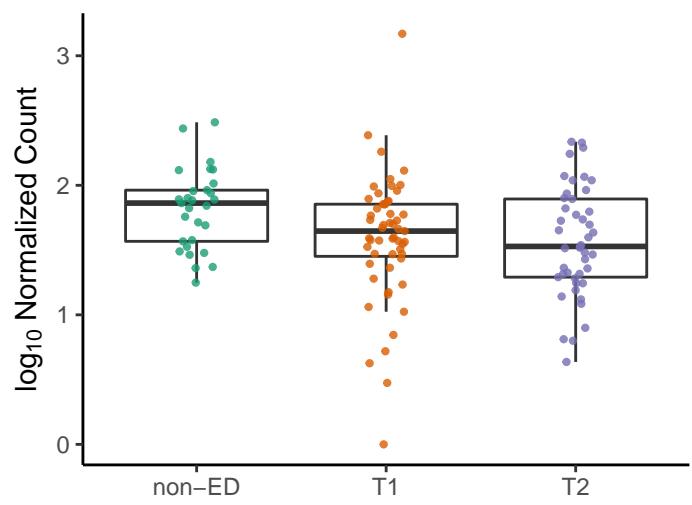
### *Desulfotomaculum* reducens

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.89



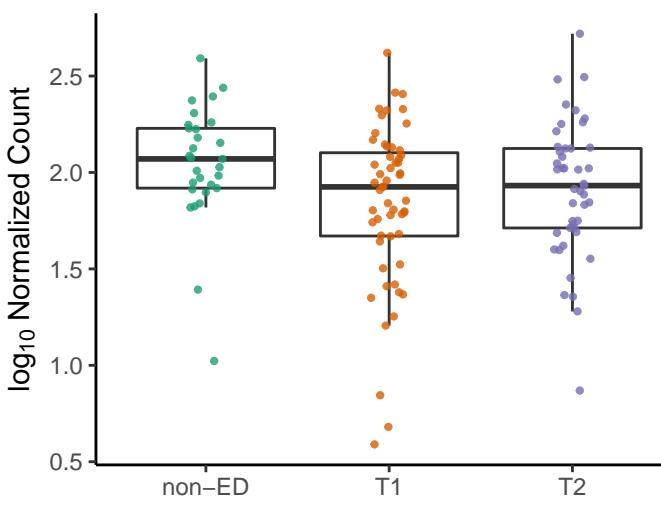
### *Mesorhizobium* sp. M9A.F.Ca.ET.002.03.

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.87



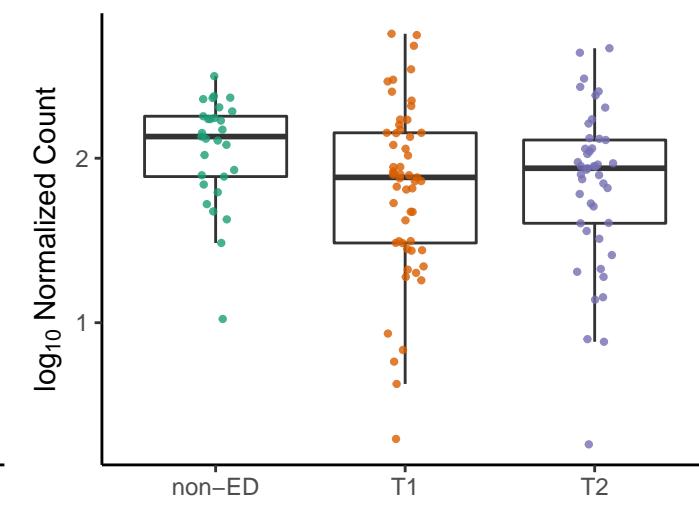
### *Paraburkholderia* fungorum

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



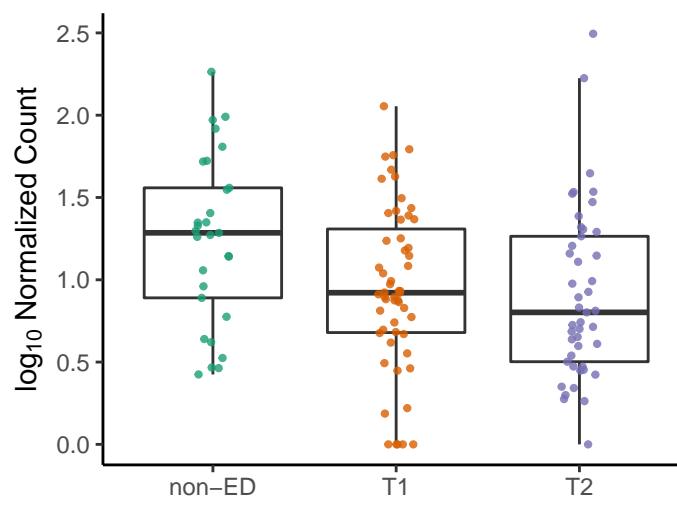
### *Truepera* radiovictrix

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.93



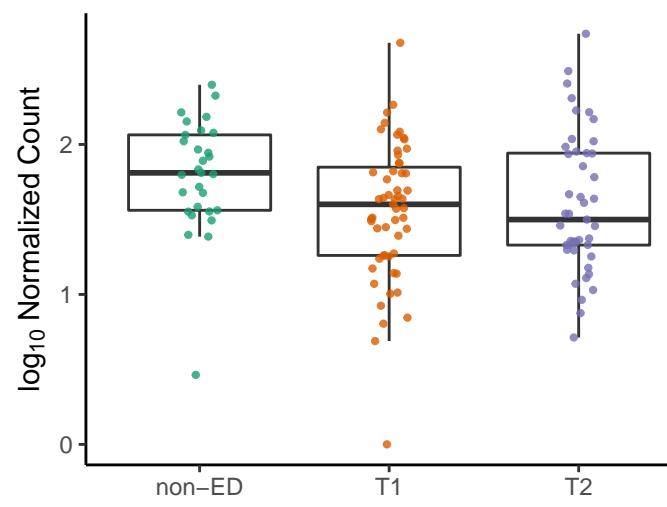
### *Mycobacterium leprae*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.95



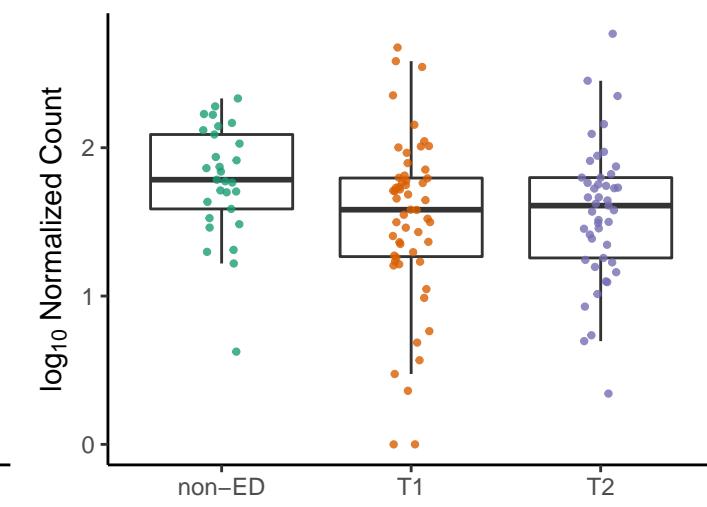
### Unclassified Gemmata Genus

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.87



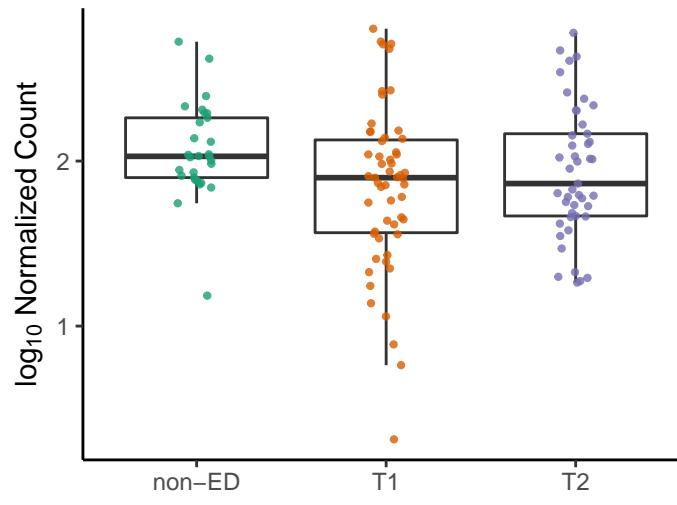
### *Vibrio scophthalmi*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.89



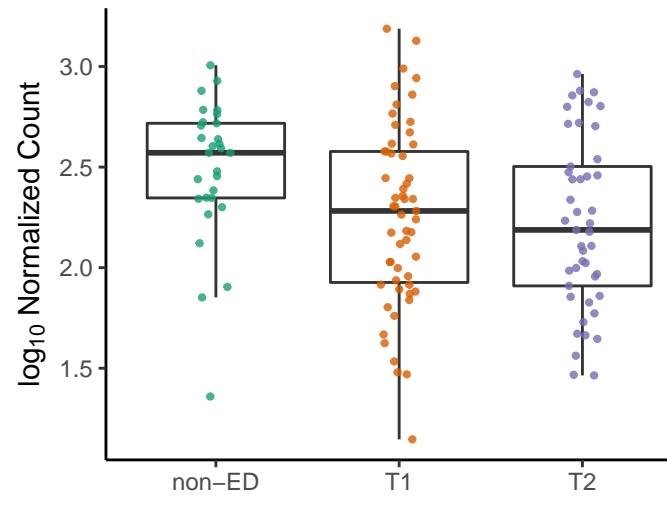
### *Arthrobacter* sp. U41

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



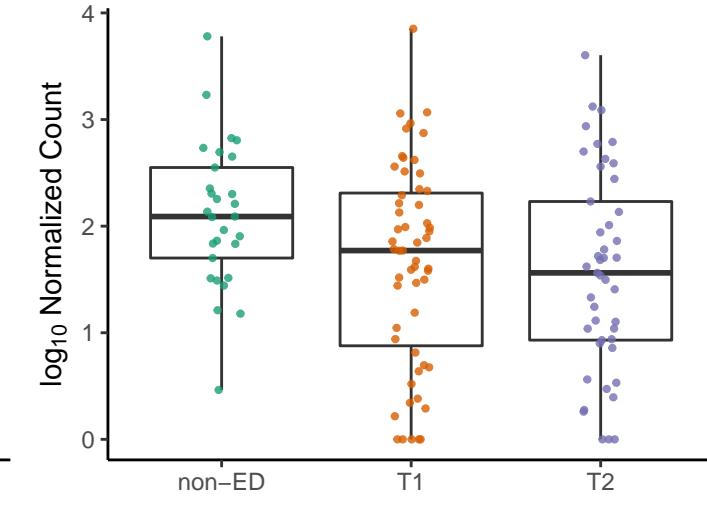
### *Clostridium taeniosporum*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.86



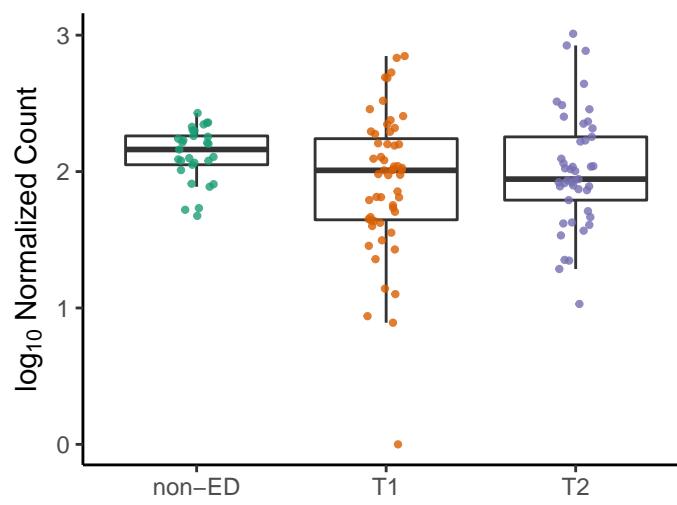
### Unclassified Coriobacteriaceae Family

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



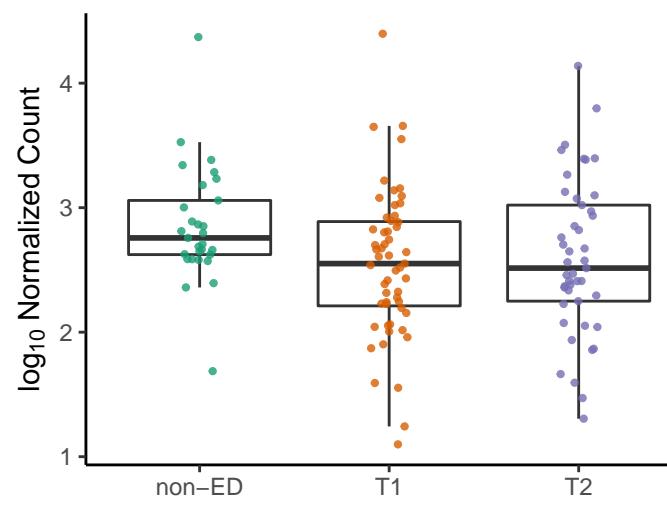
### *Burkholderia* lata

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



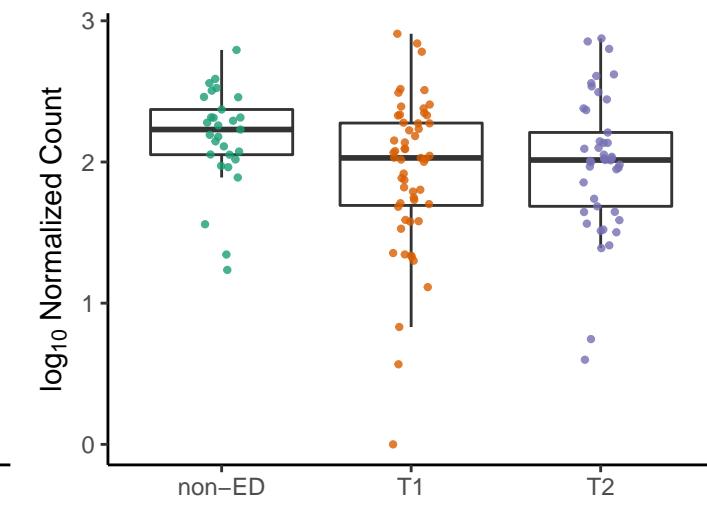
### *Coriobacterium glomerans*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.85



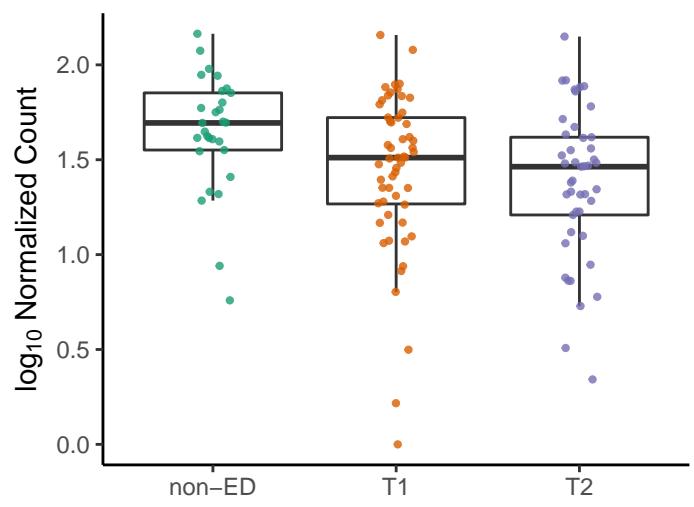
### *Rhodococcus* sp. X156

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



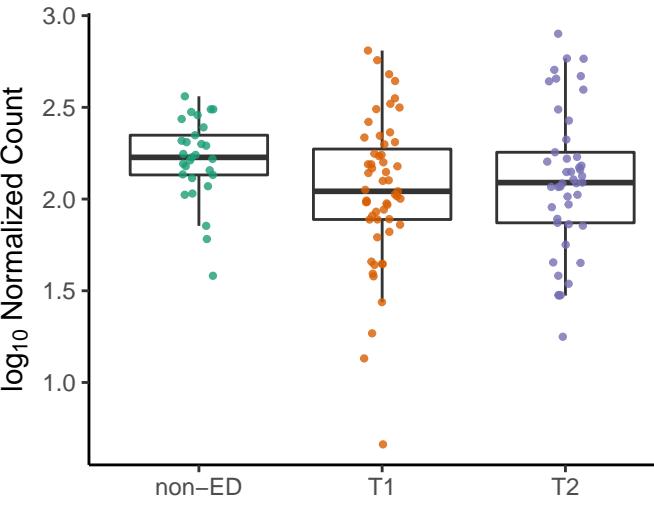
### *Pseudoalteromonas phenolica*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.86



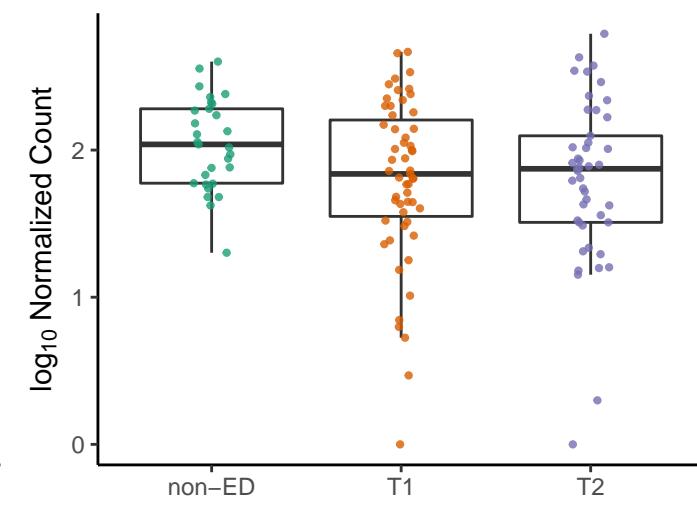
### *Raineyella* sp. CBA3103

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



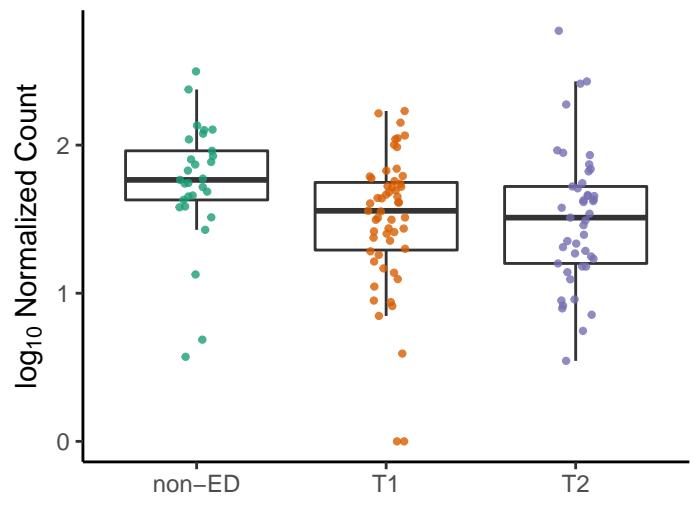
### *Amycolatopsis orientalis*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.91



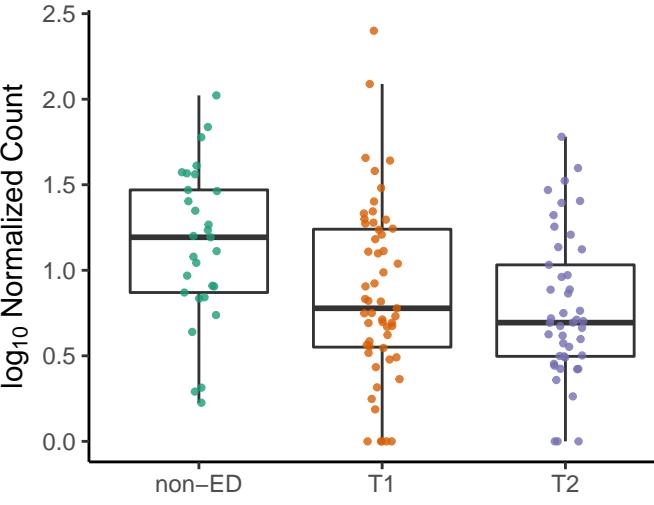
### *Marinobacter* sp. LQ44

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.94



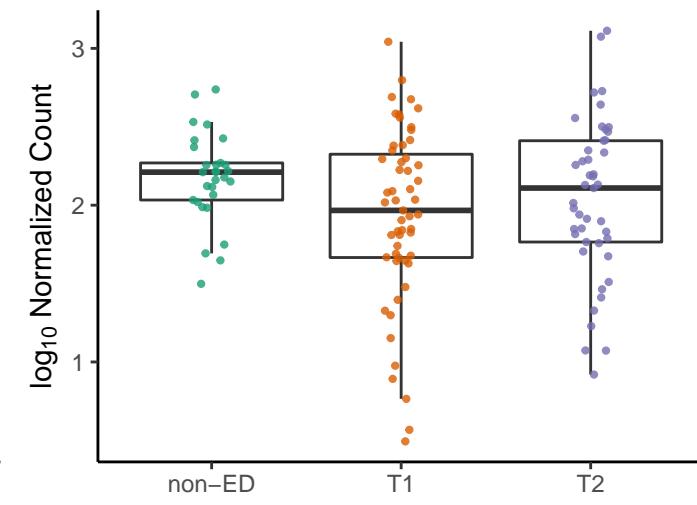
### *Mycobacterium* sp. WY10

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.88



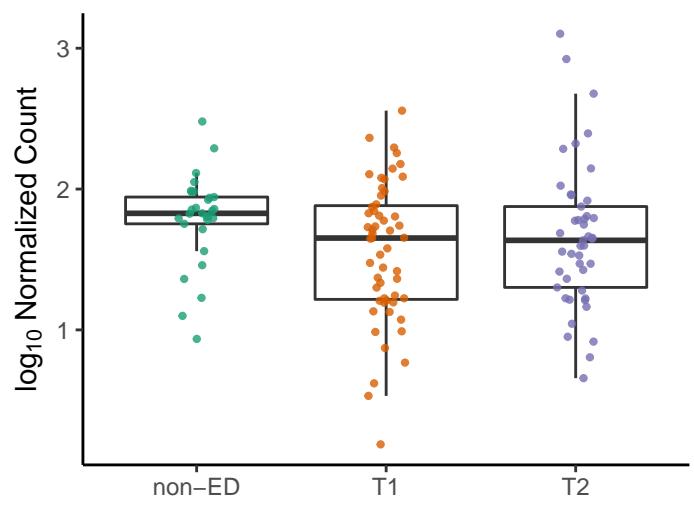
### *Amycolatopsis albispora*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



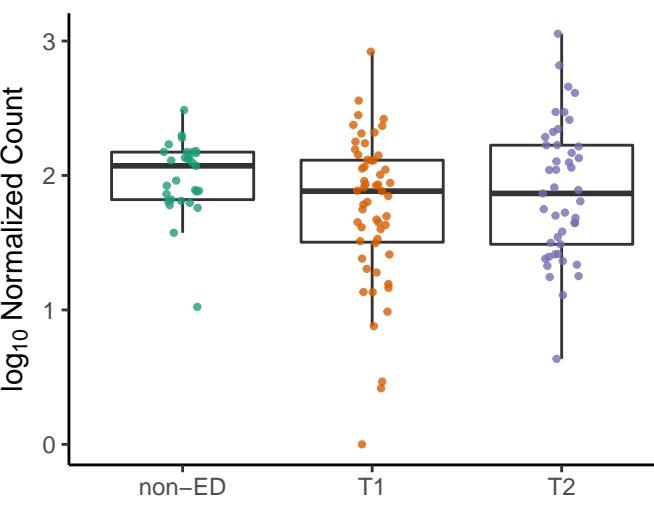
### *Saccharomonospora viridis*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



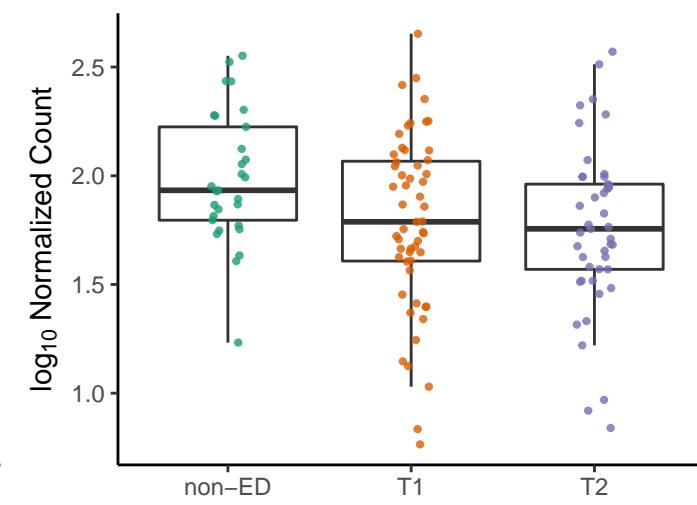
### *Corynebacterium variabile*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.85



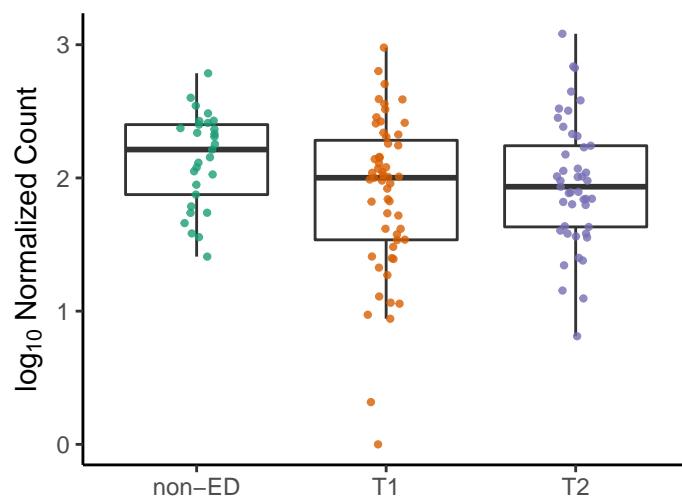
### *Endomicrobium proavitum*

non-ED vs. T1 adjusted p = 0.03  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.95



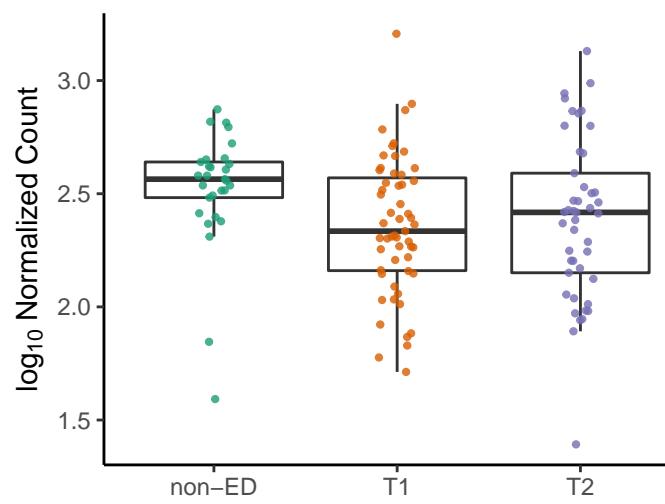
### Unclassified Leifsonia Genus

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.85



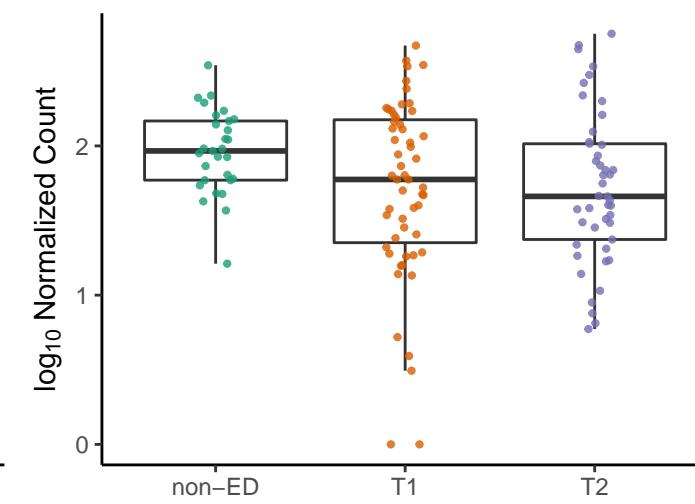
### Bacillus subtilis

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.94



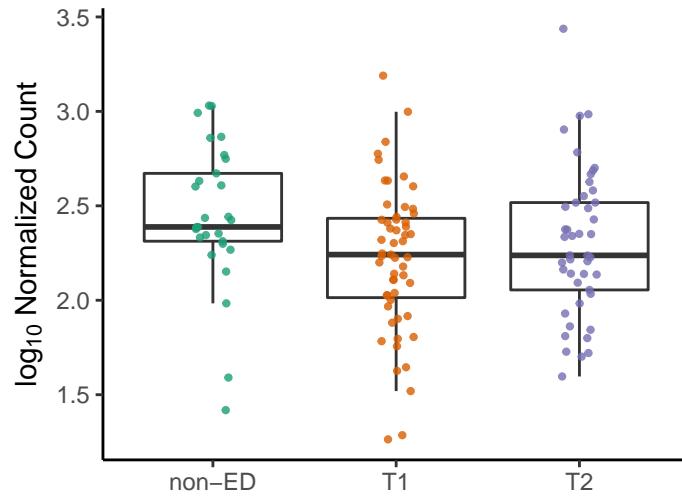
### Streptomyces sp. C8S0

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.99



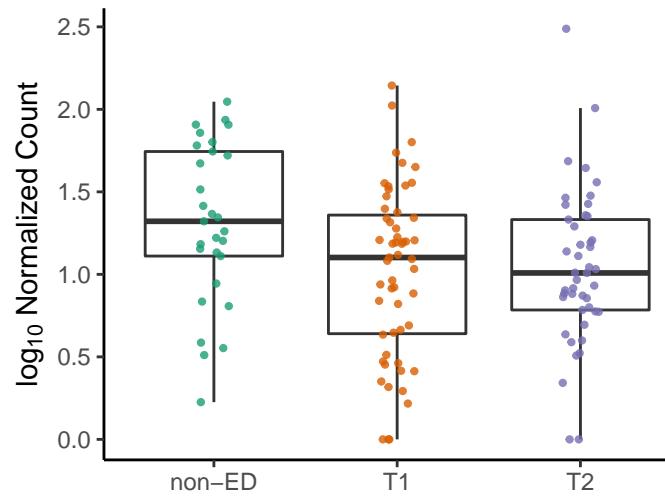
### *Thermincola potens*

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



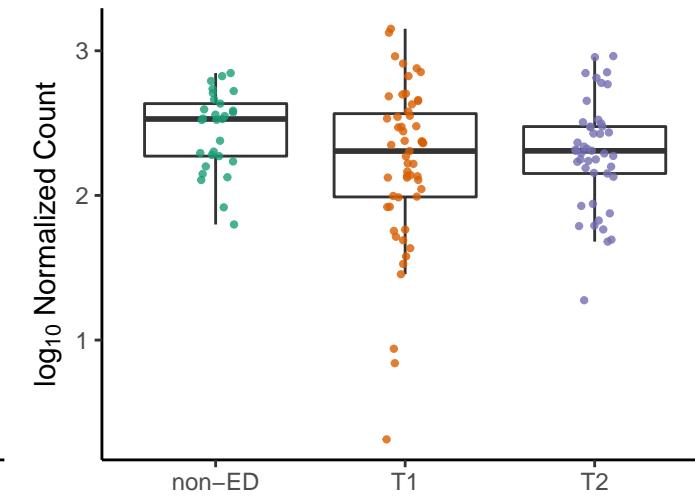
### Unclassified Undibacterium Genus

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.92



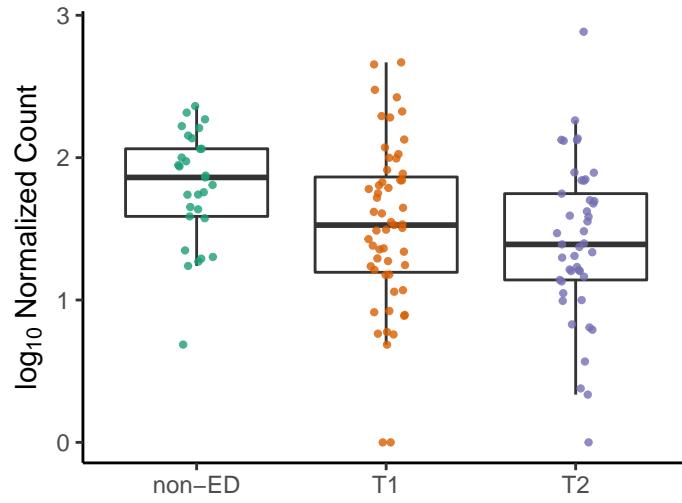
### *Thermaerobacter marianensis*

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.85



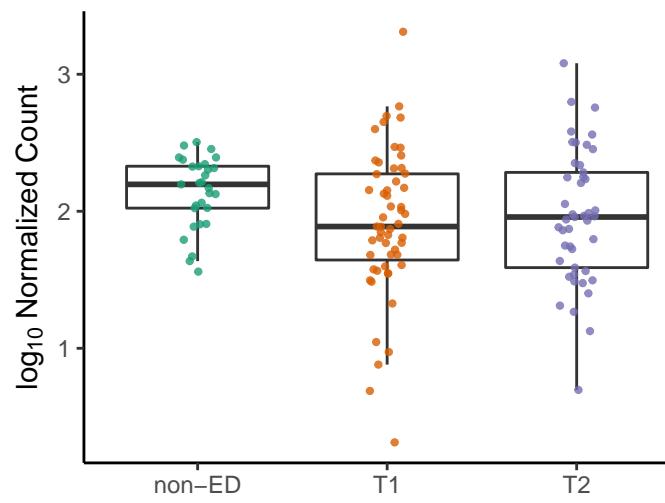
### Lacinutrix sp. 5H-3-7-4

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.85



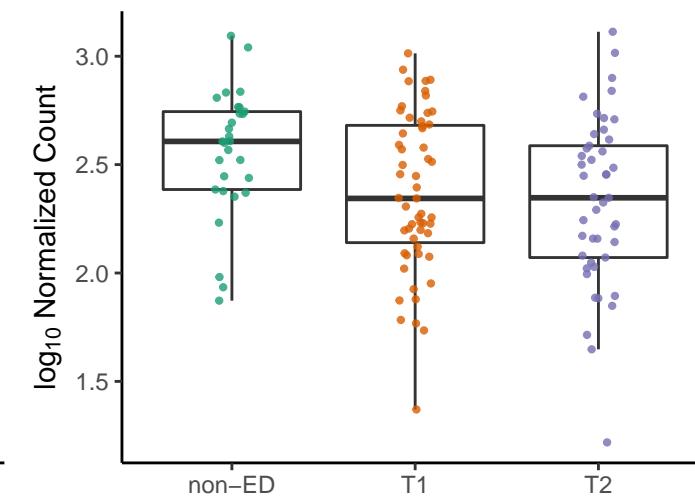
### Streptomyces sp. CdTB01

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.85



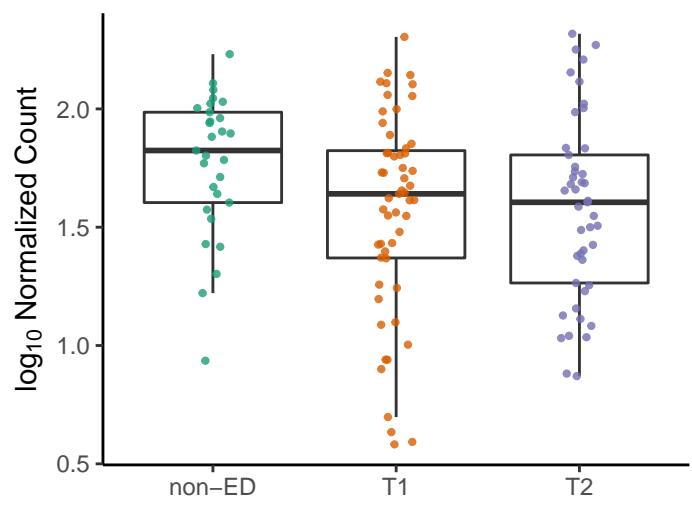
### *Clostridium acetobutylicum*

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.87



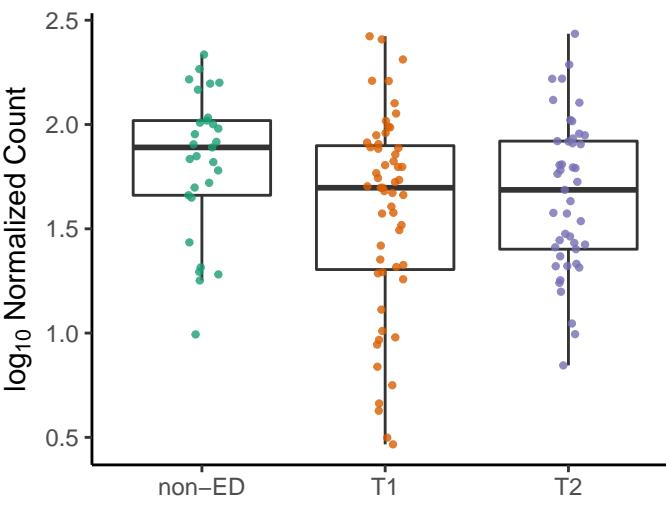
### *Lonsdalea britannica*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.95



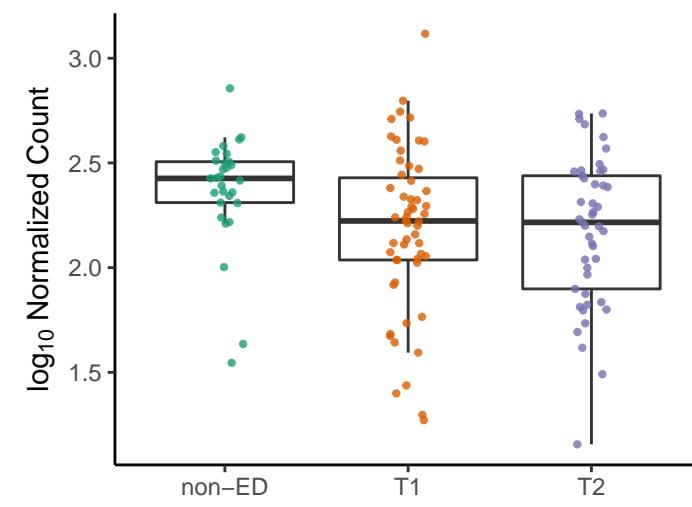
### Unclassified Acetobacterium Genus

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



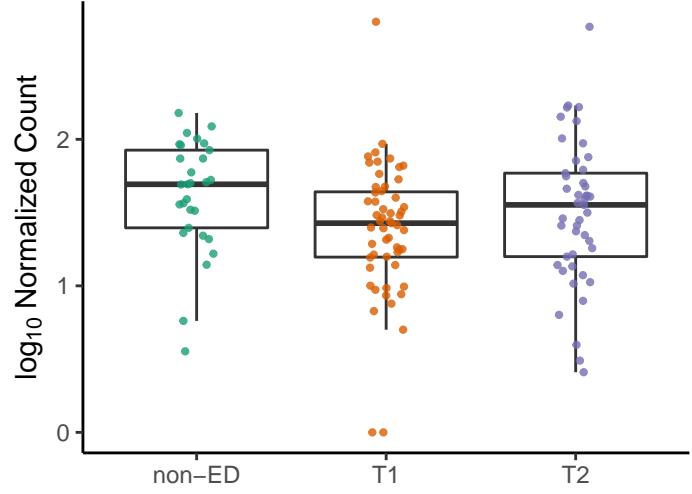
### Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.97



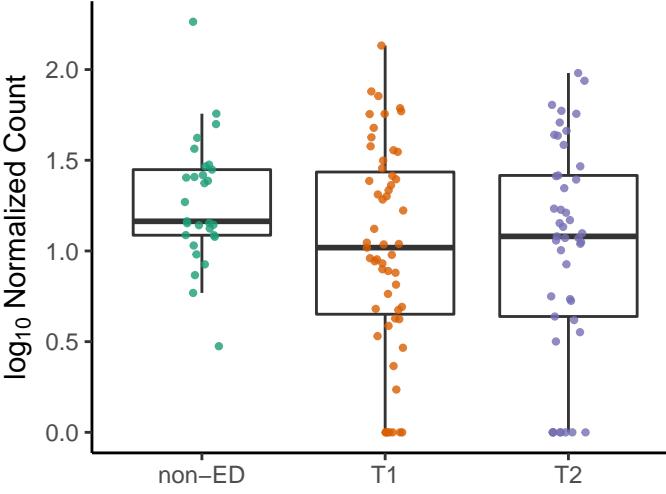
### Unclassified Aerococcus Genus

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



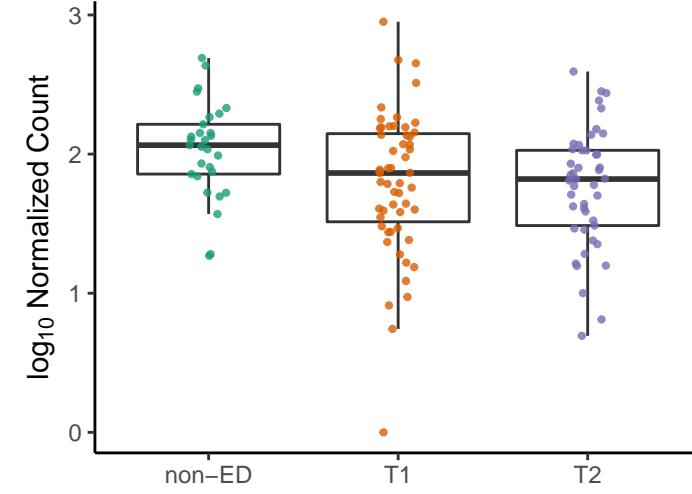
### Unclassified Ectothiorhodospiraceae Fa

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.97



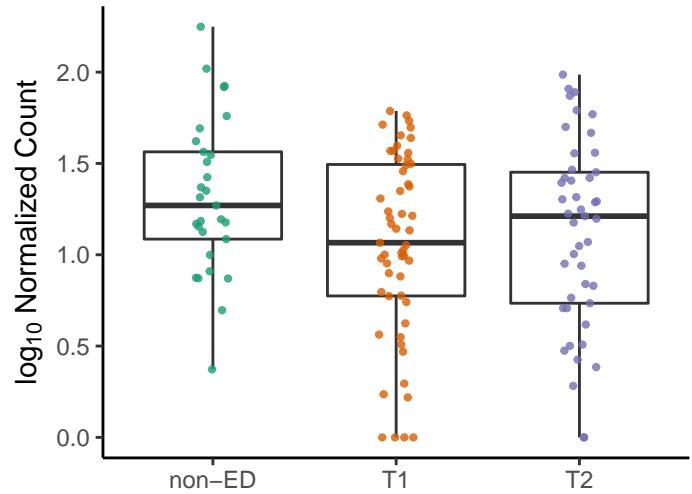
### *Neorhizobium* sp. SOG26

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.92



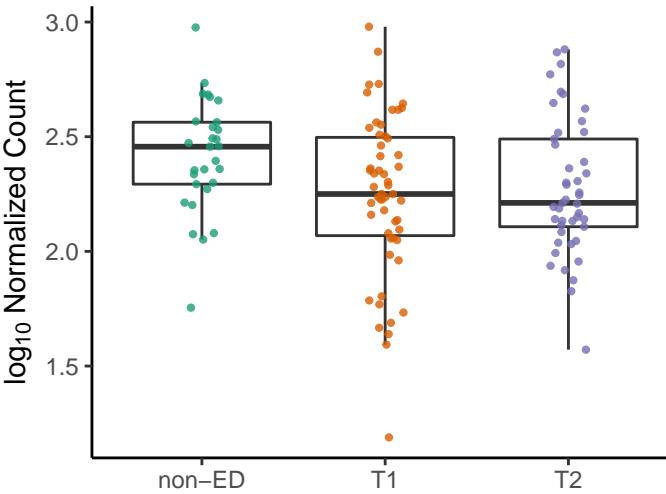
### *Agrobacterium* sp. MA01

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



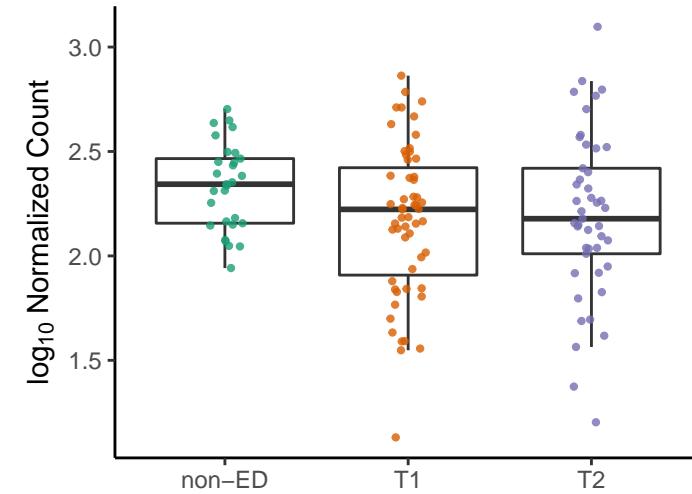
### *Tumebacillus algifaecis*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.85



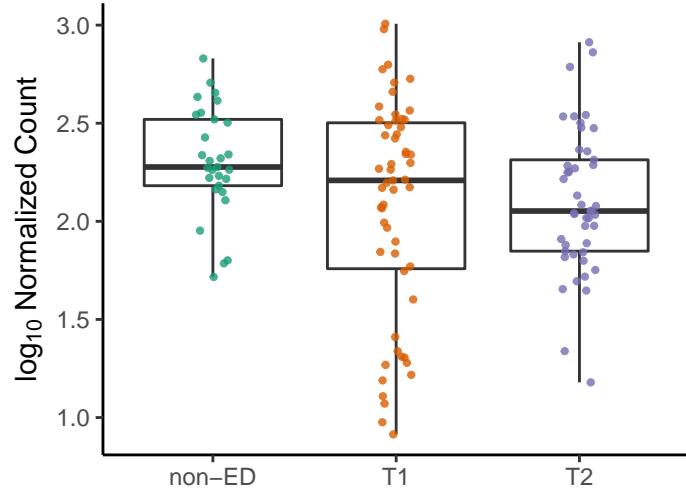
### *Syntrophobacter fumaroxidans*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.91



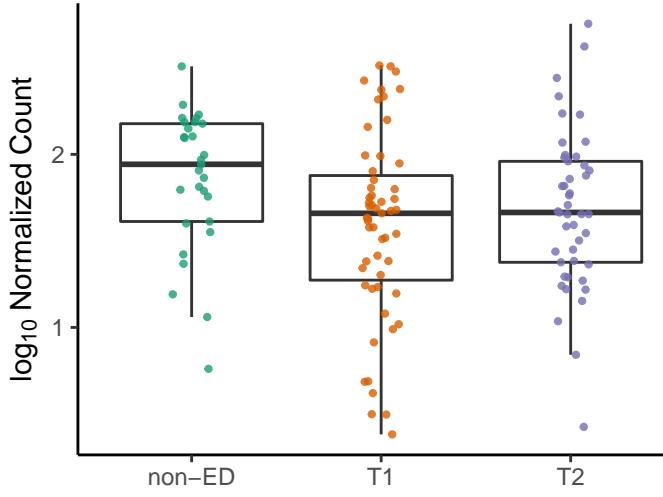
### Pontibacter sp. BT326

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.97



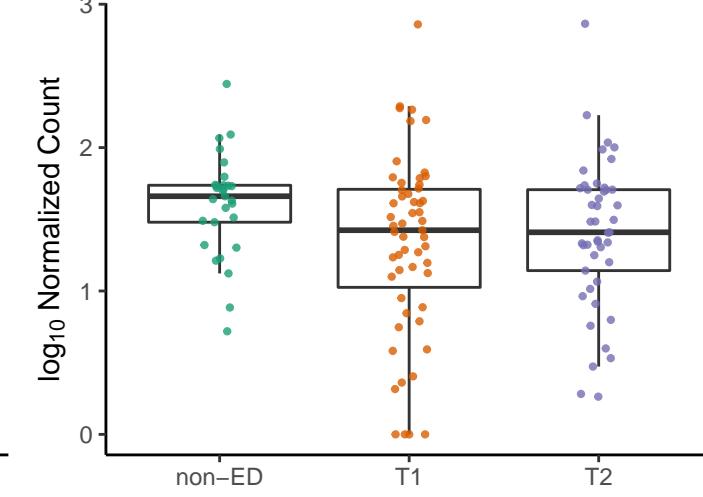
### Candidatus Phaeomarinobacter ectocarp

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



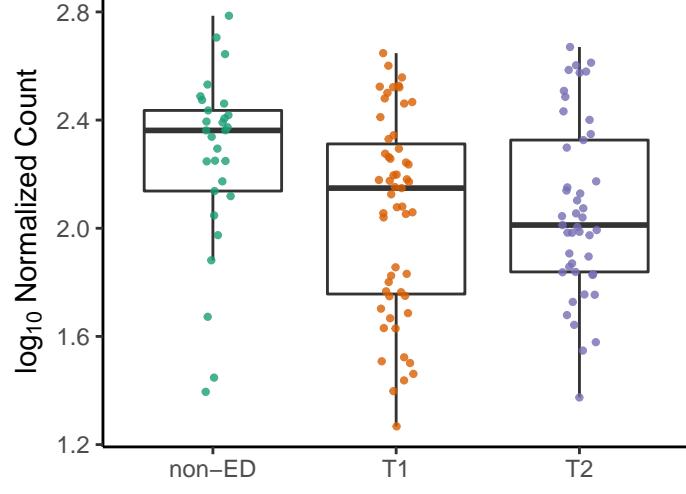
### Bradyrhizobium betae

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.89



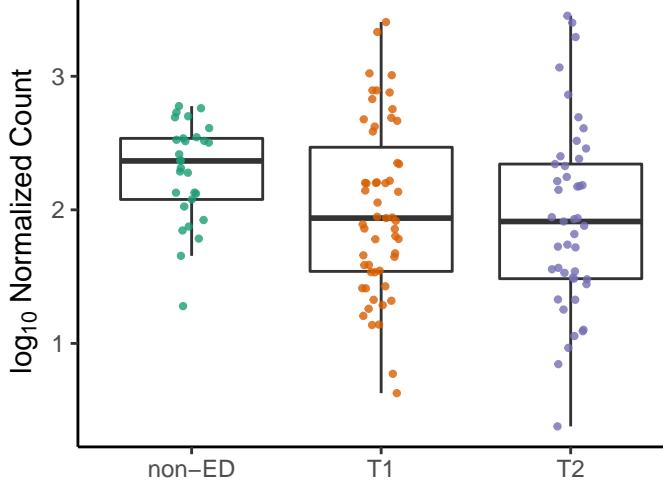
### Bacillus filamentosus

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.97



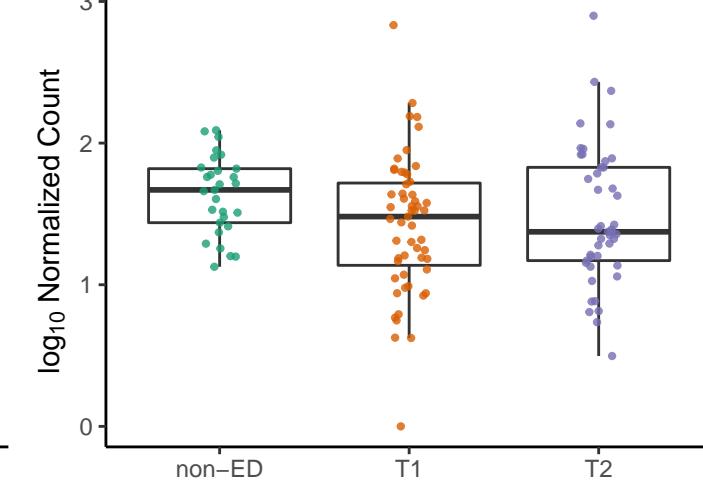
### Unclassified Rickettsia Genus

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.91



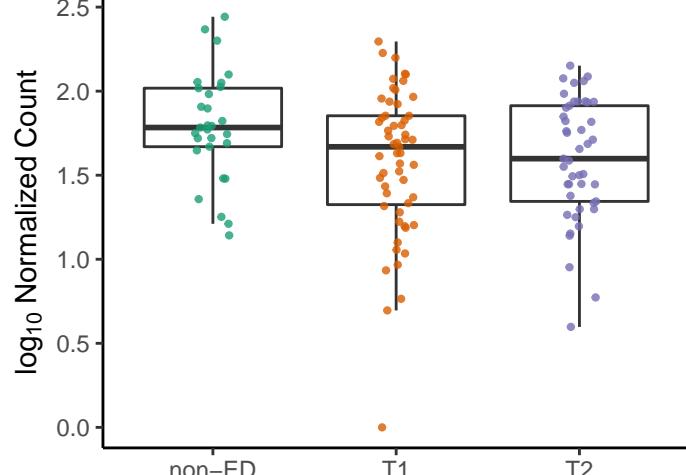
### Vibrio navarrensis

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



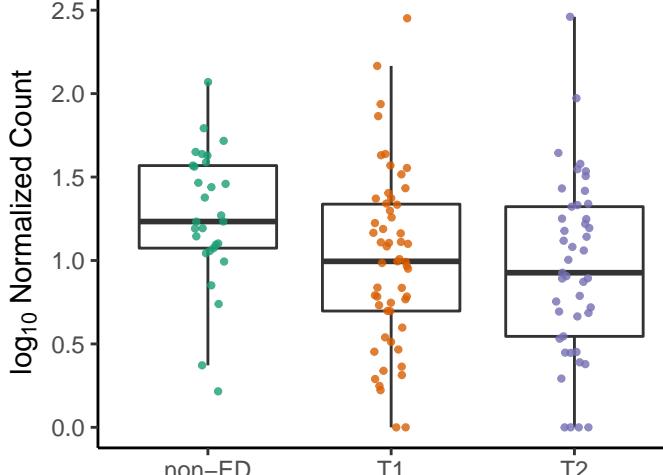
### Athalassotoga saccharophila

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.96



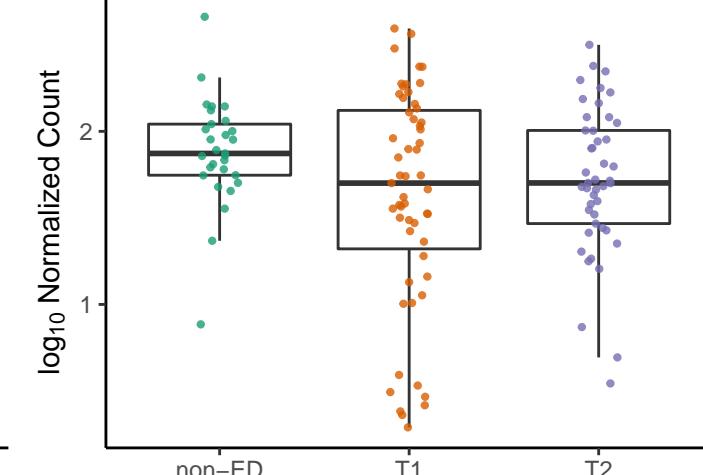
### Elizabethkingia sp. 2-6

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



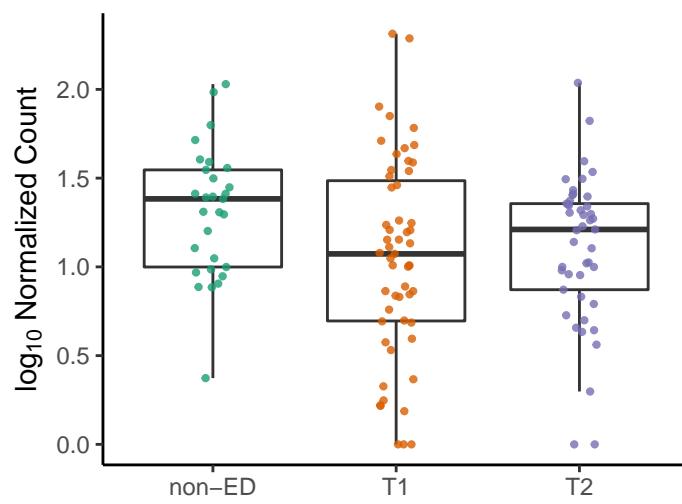
### Mycobacterium branderi

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.85



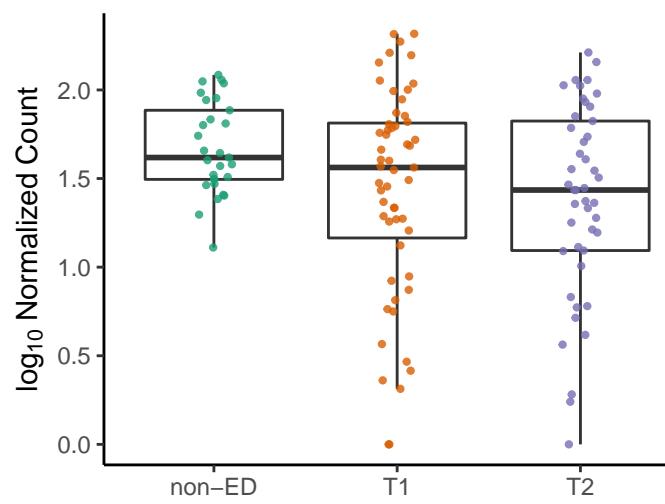
### *Mycolicibacterium poriferae*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.86



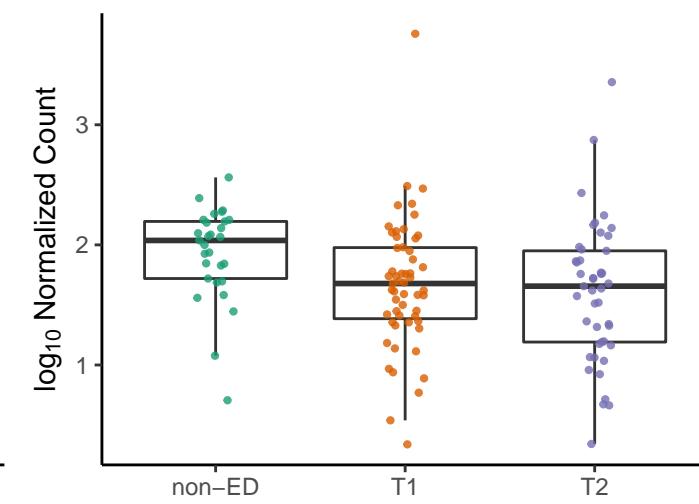
### Unclassified Neisseriales Order

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.94



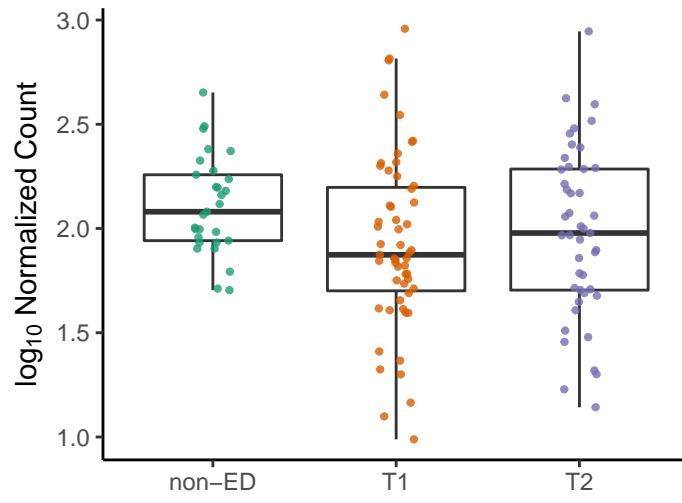
### *Lactobacillus acetotolerans*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.9



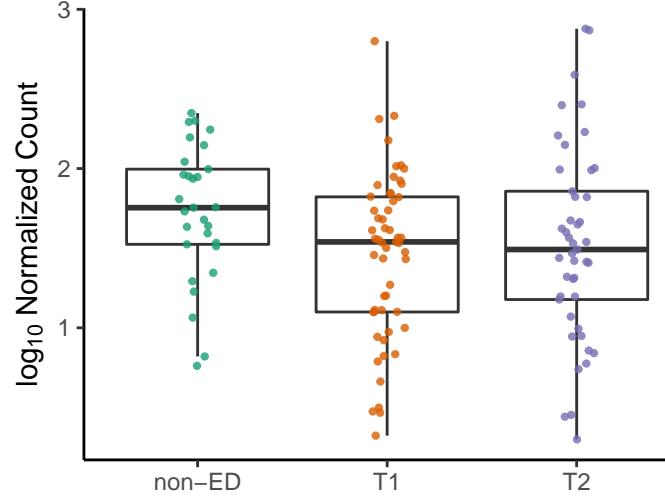
### *Actinomyces* sp. oral taxon 848

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



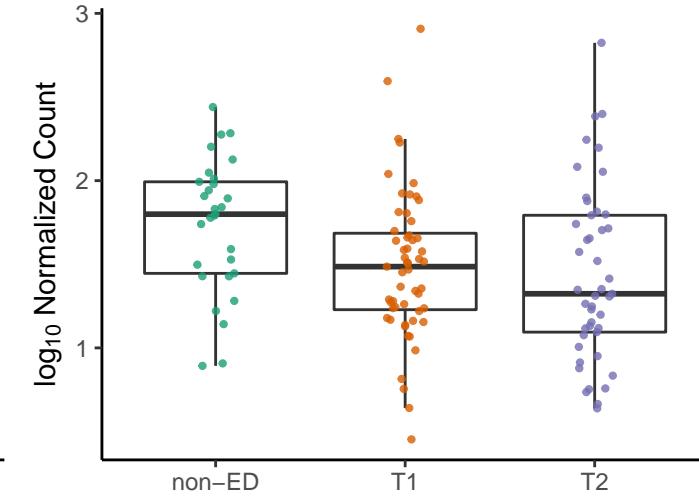
### *Lysinimonas* sp. KACC 19322

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.88



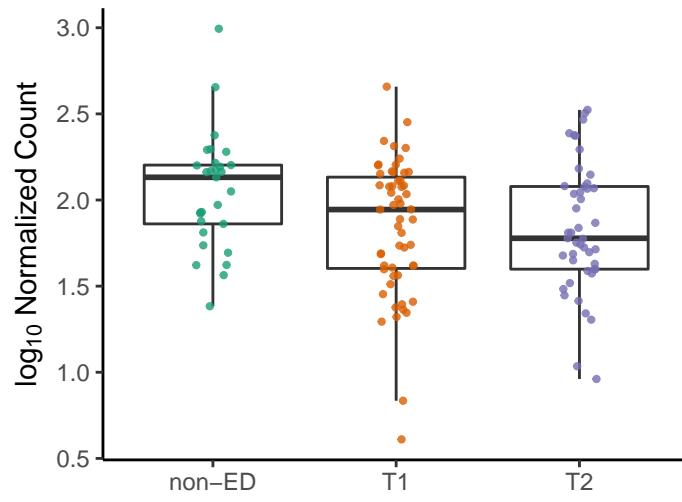
### *Nostoc* sp. *Peltigera membranacea* cyan

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.89



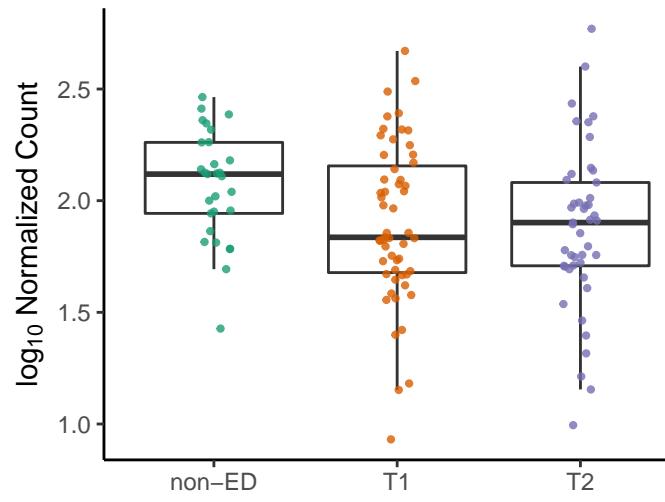
### *Suicoccus acidiformans*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.95



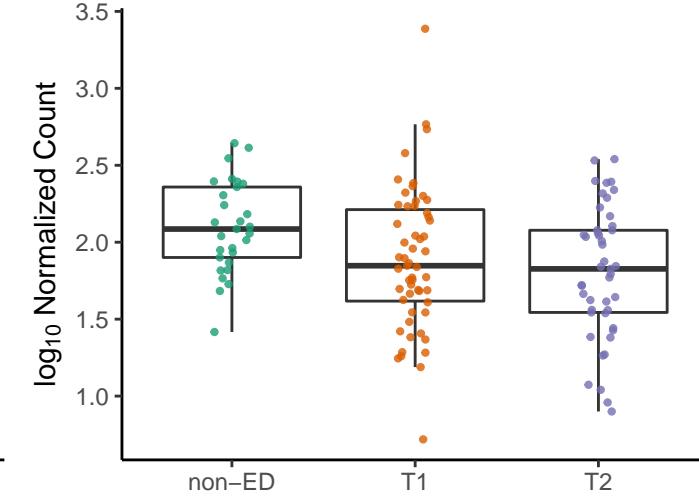
### *Staphylococcus carnosus*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.94



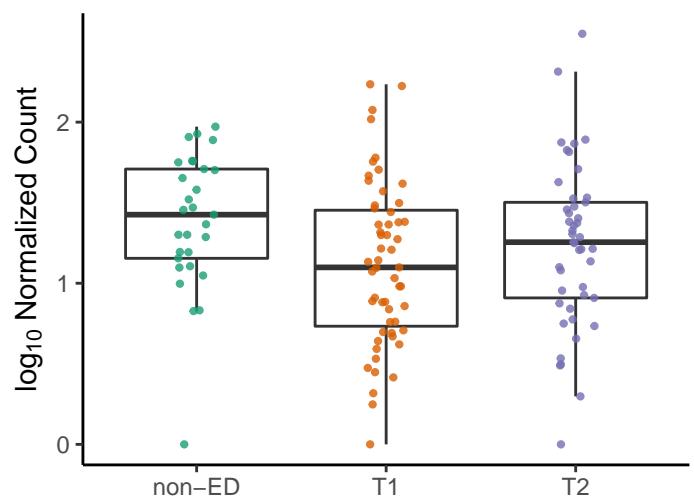
### *Enterobacter* sp. E76

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.87



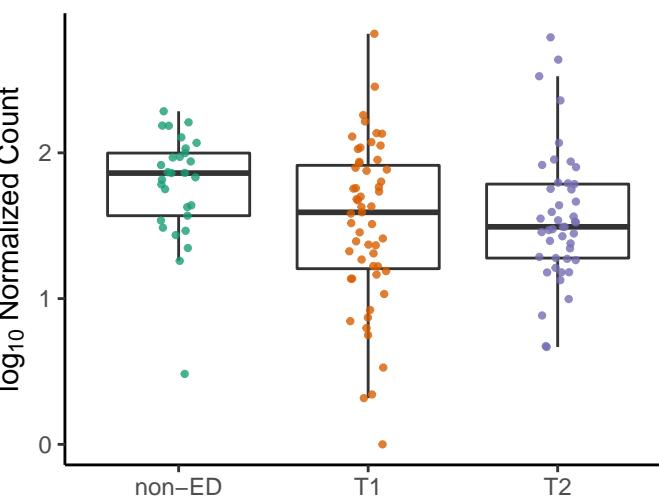
### *Pseudomonas oleovorans*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



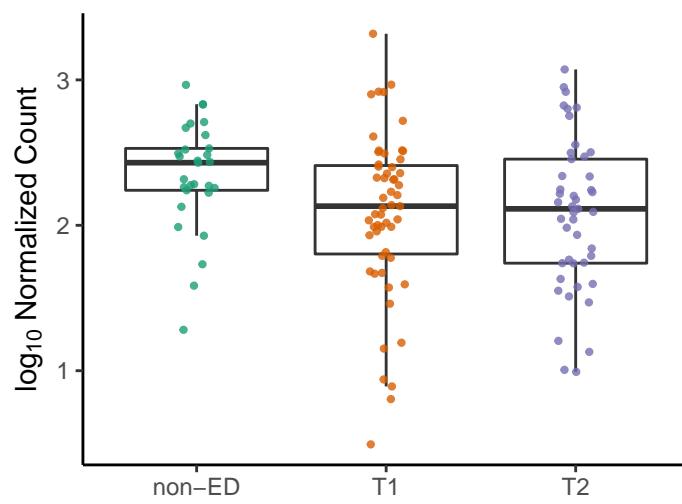
### *Legionella spiritensis*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.99



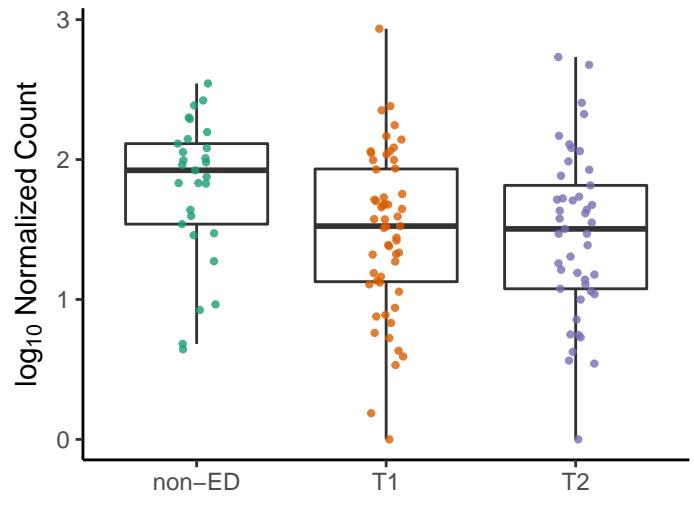
### *Burkholderiales bacterium JOSHI\_001*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



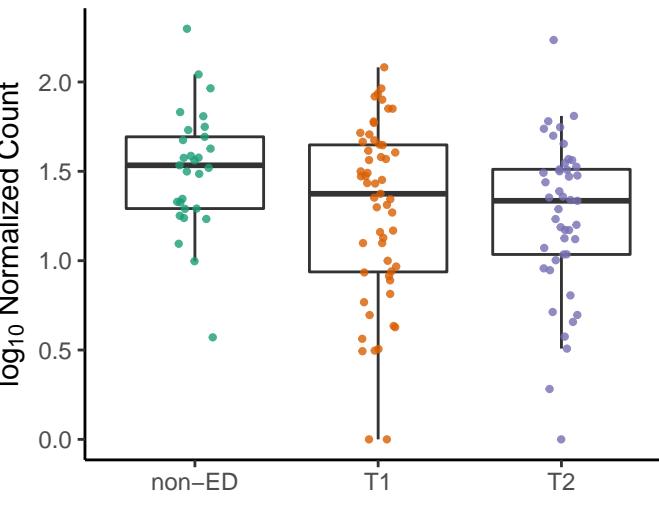
### *Pseudomonas palleroniana*

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.96



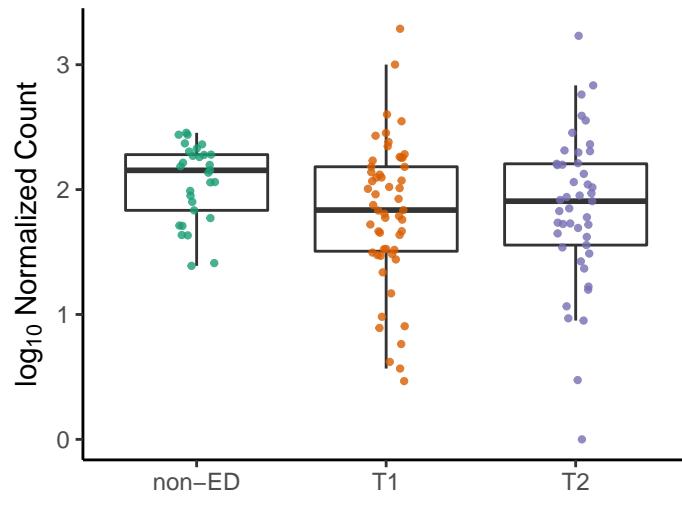
### Unclassified *Pseudodesulfovibrio* Genu

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.95



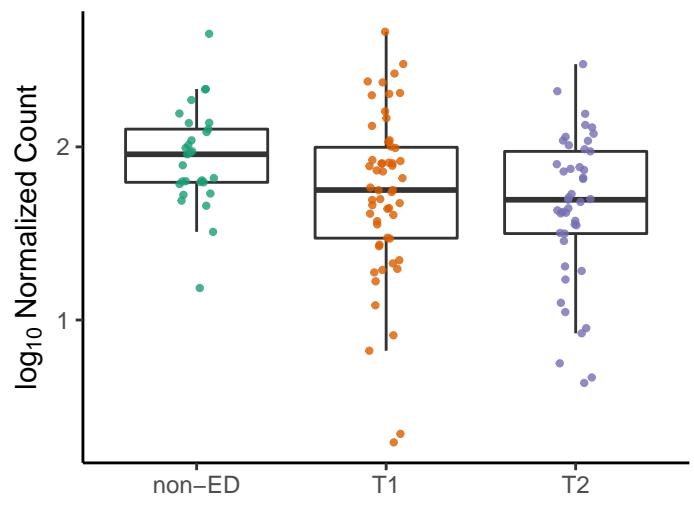
### *Ancylobacter* sp. TS-1

non-ED vs. T1 adjusted p = 0.031  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



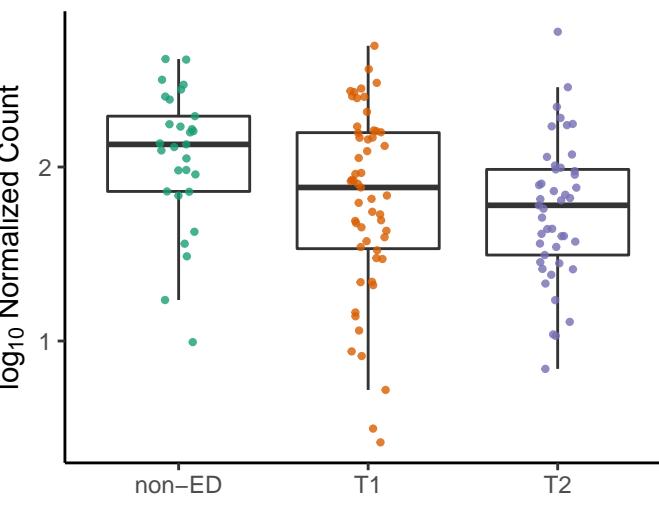
### *Halotalea alkalilenta*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.0081  
 T1 vs. T2 adjusted p = 0.87



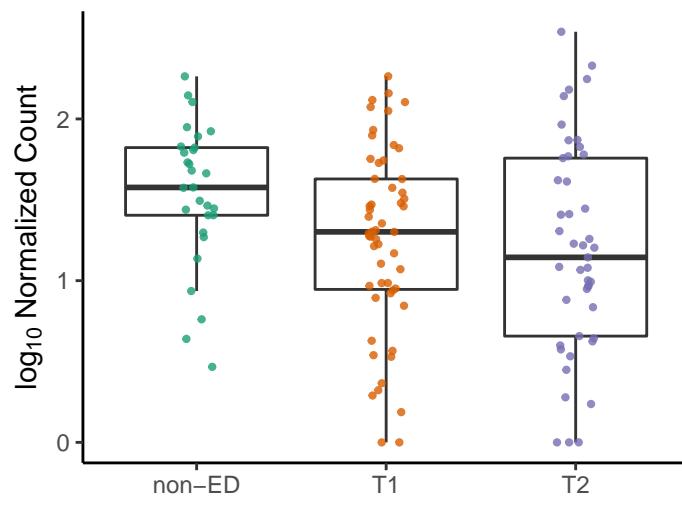
### *Aquabacterium olei*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.87



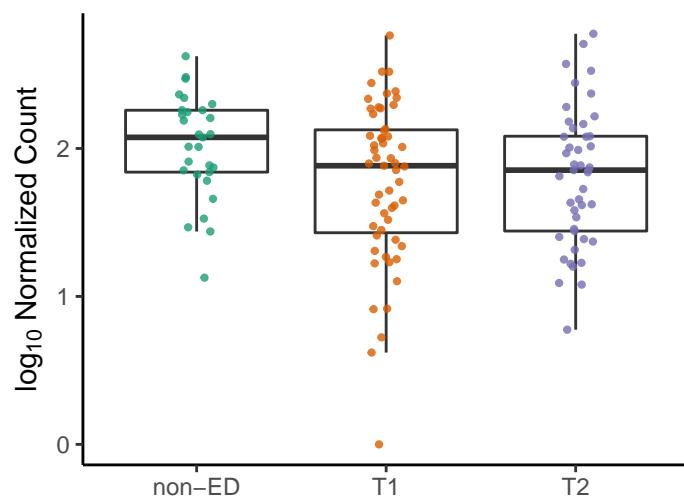
### *Caldicellulosiruptor kristjanssonii*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



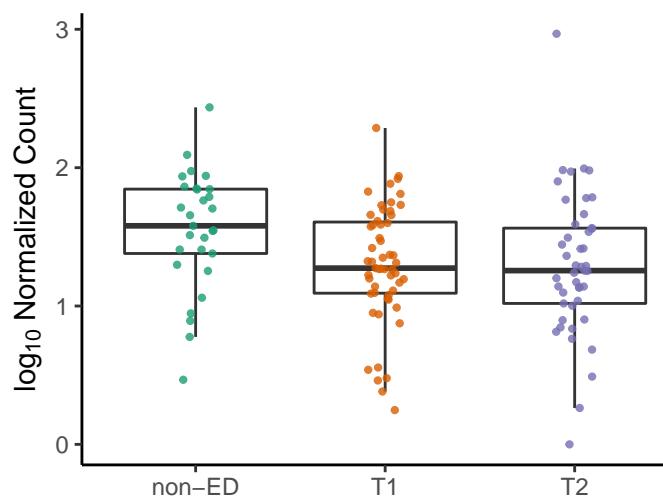
### *Ornithinimicrobium* sp. H23M54

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.87



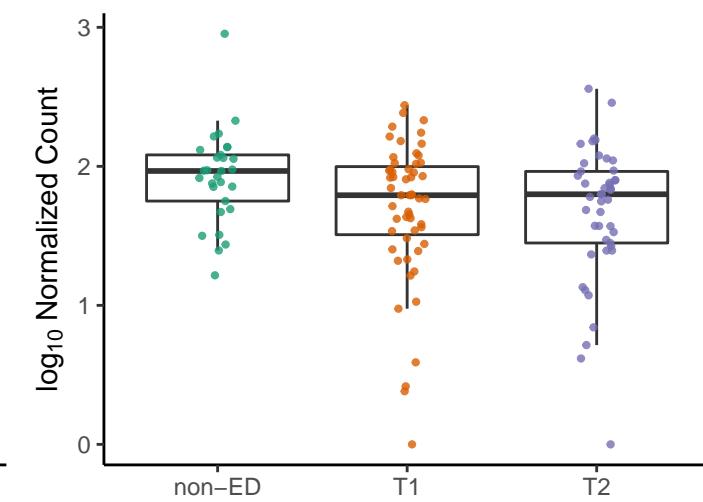
### *Pasteurella dagmatis*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.97



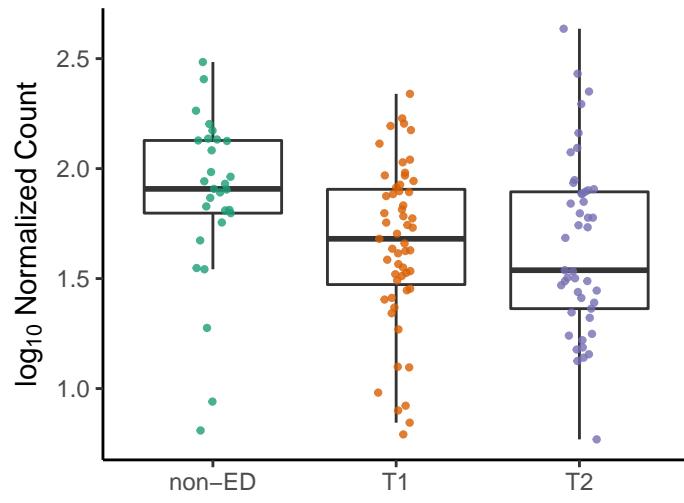
### *Pragia fontium*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.95



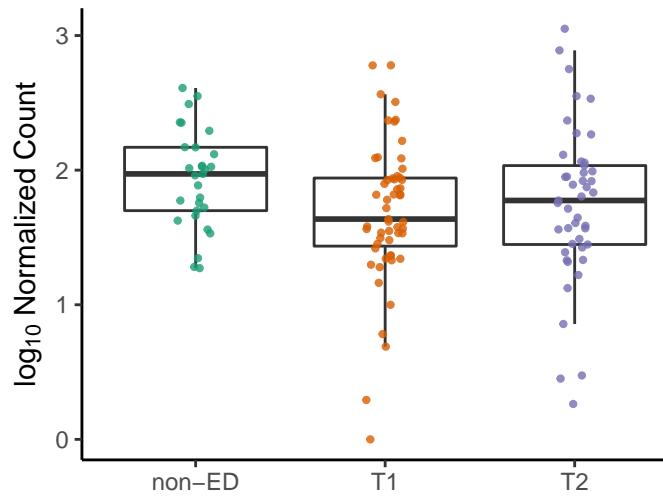
### *Rivularia* sp. PCC 7116

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.92



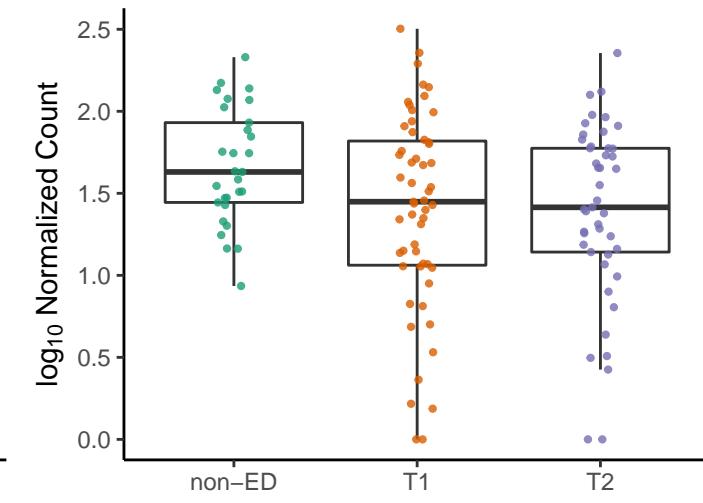
### *Sphingomonas* sp. XS-10

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



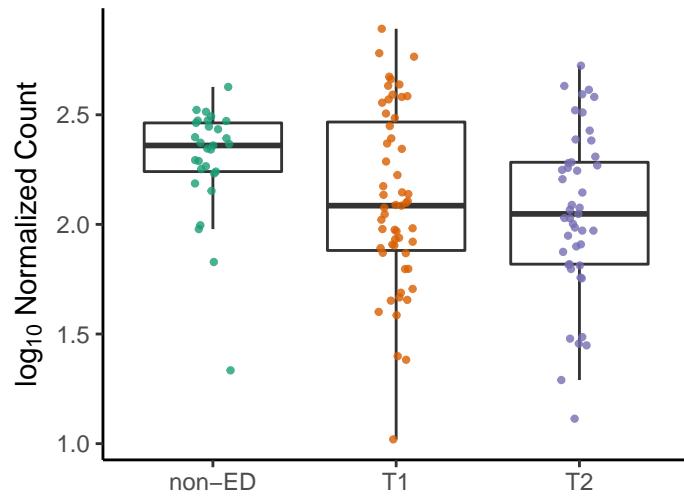
### Unclassified Acidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



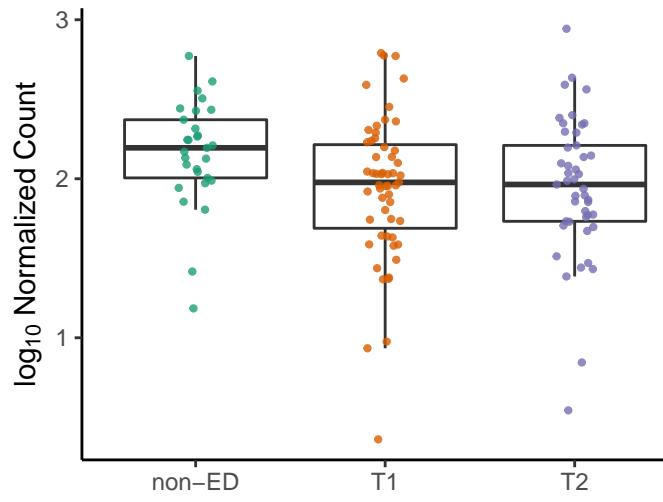
### [*Clostridium*] ultunense

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



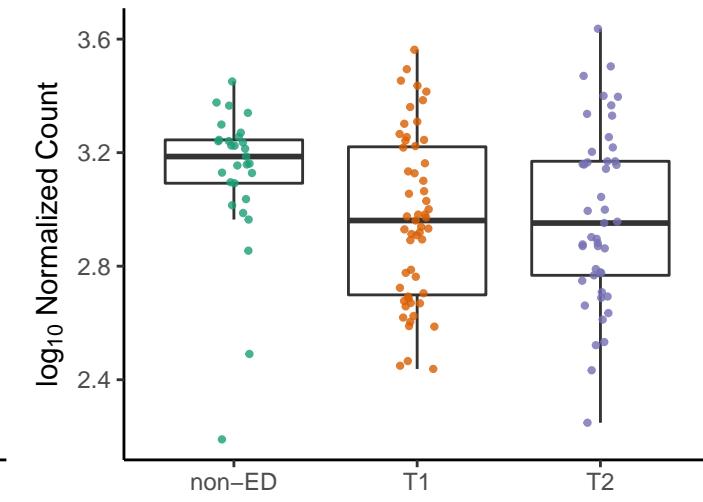
### *Mucilaginibacter* gotjawali

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.96



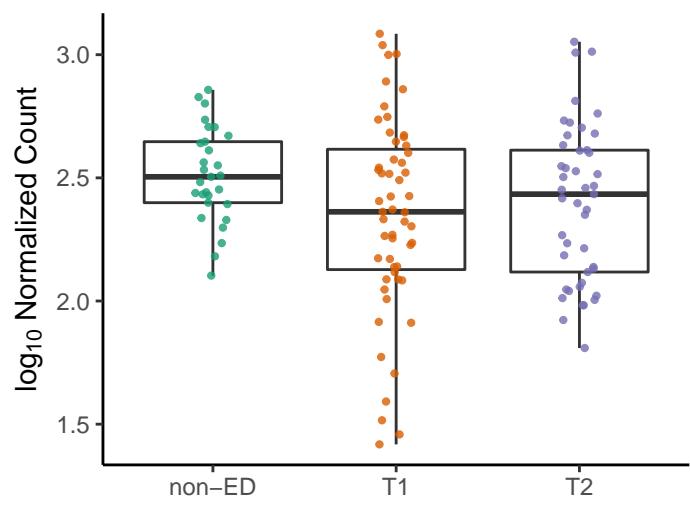
### Unclassified Bacillaceae Family

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.97



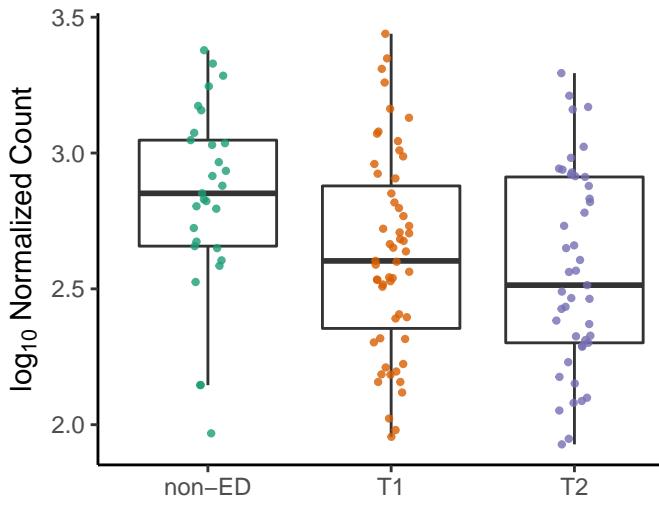
### Treponema azotonutricium

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.85



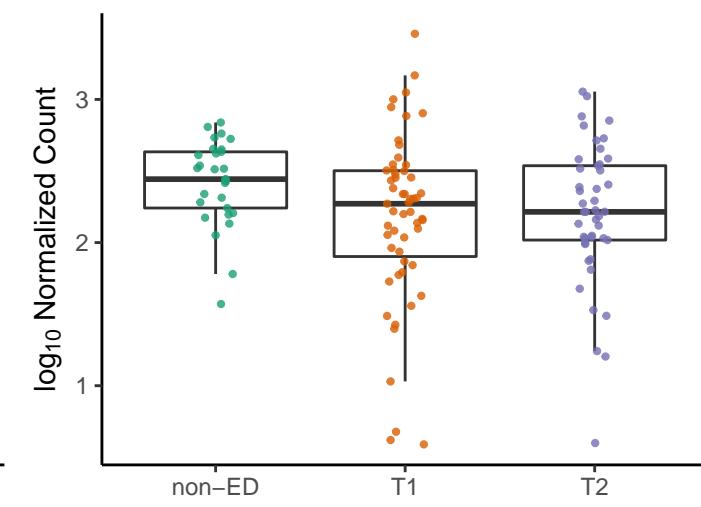
### Buchnera aphidicola

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



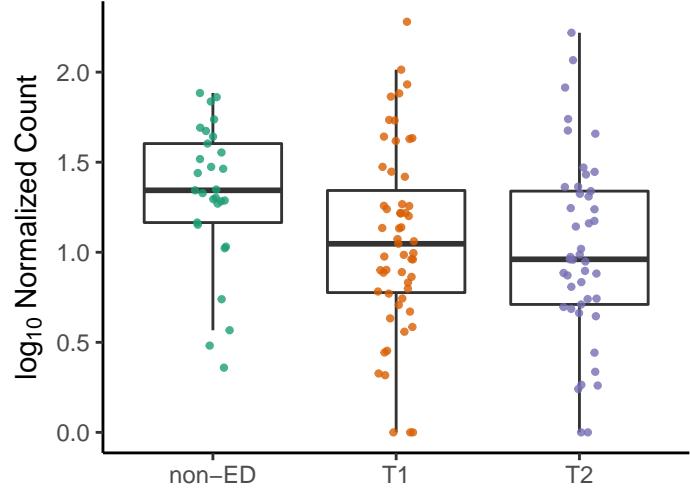
### Nocardiopsis dassonvillei

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.85



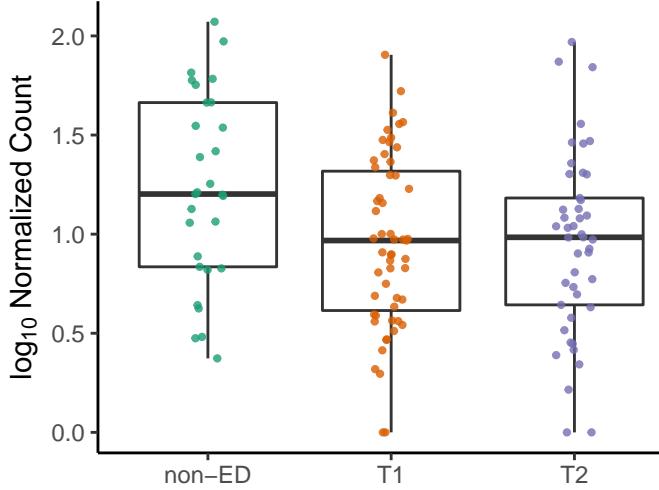
### Francisella persica

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



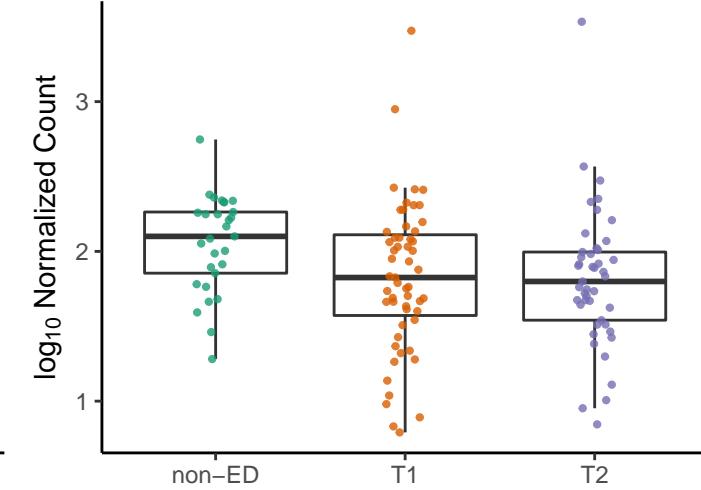
### Campylobacter peloridis

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.91



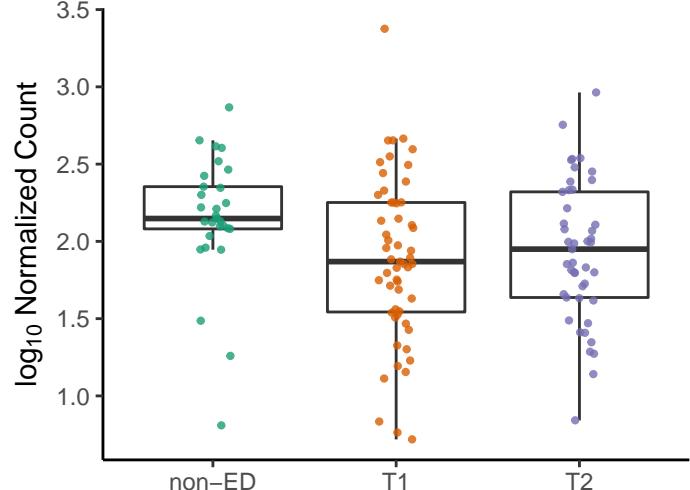
### Bradyrhizobium japonicum

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.95



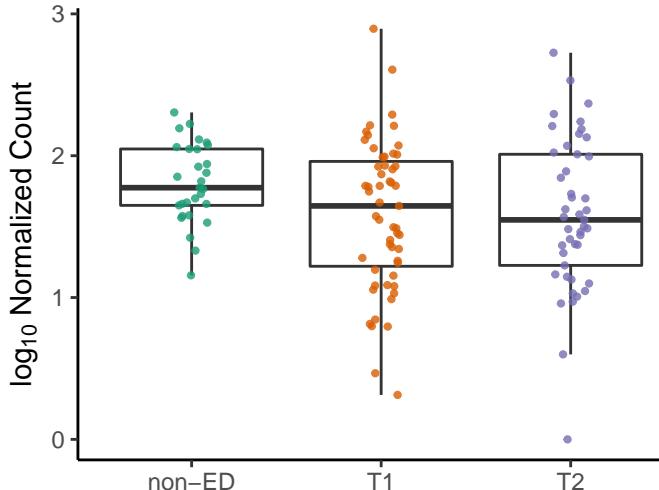
### Unclassified Azoarcus Genus

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.85



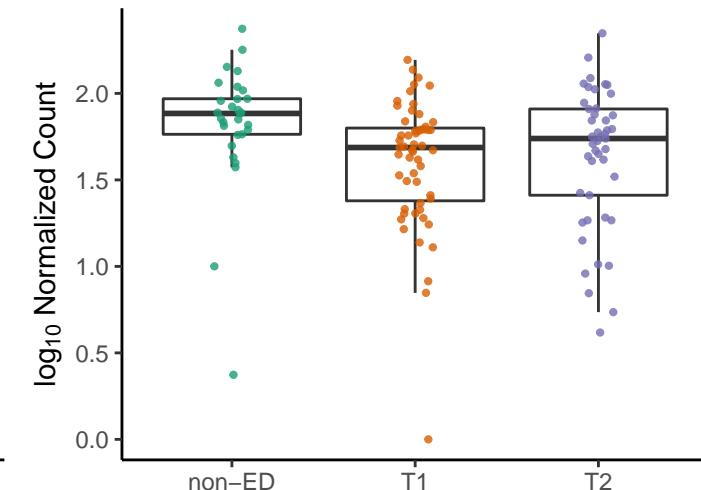
### Gemmata sp. SH-PL17

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.89



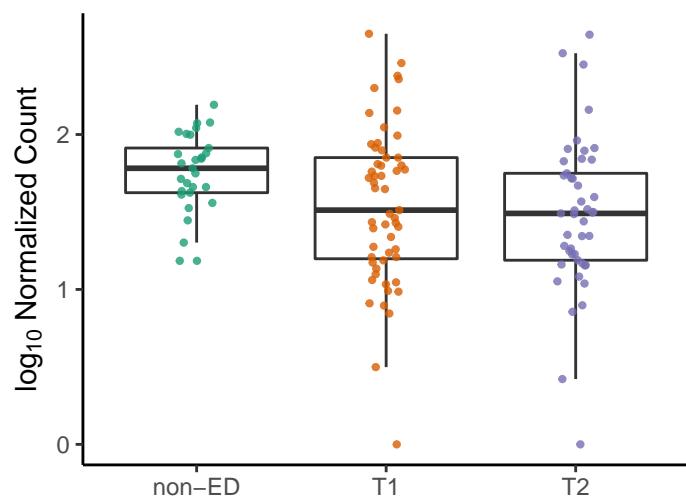
### Unclassified Microcoleaceae Family

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.89



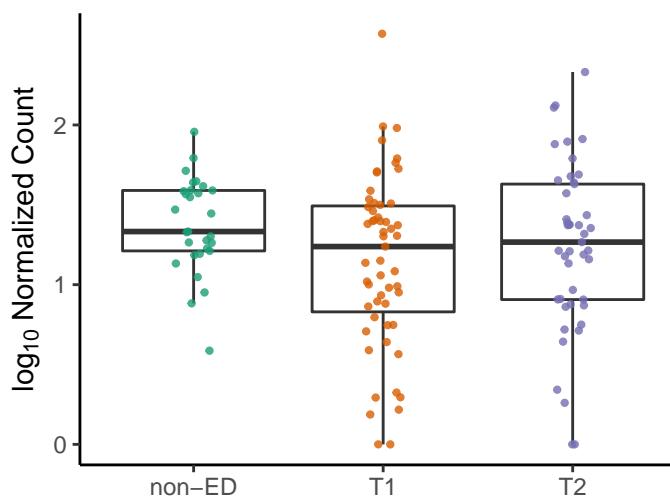
### Methanosarcina sp. MTP4

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.93



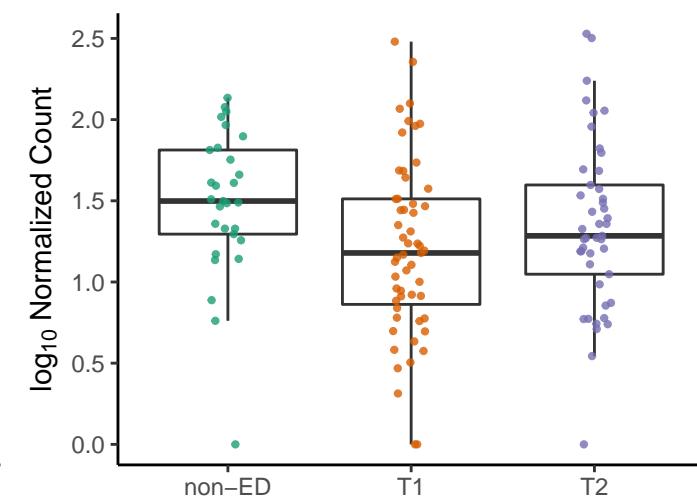
### Oceanisphaera avium

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



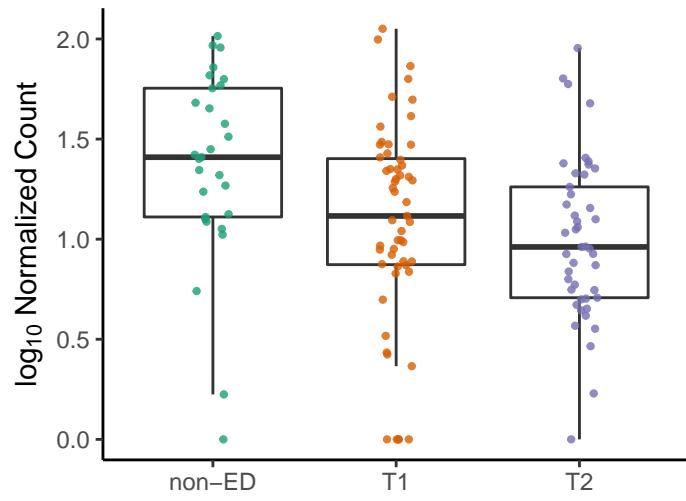
### Halomonas sp. SF2003

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.85



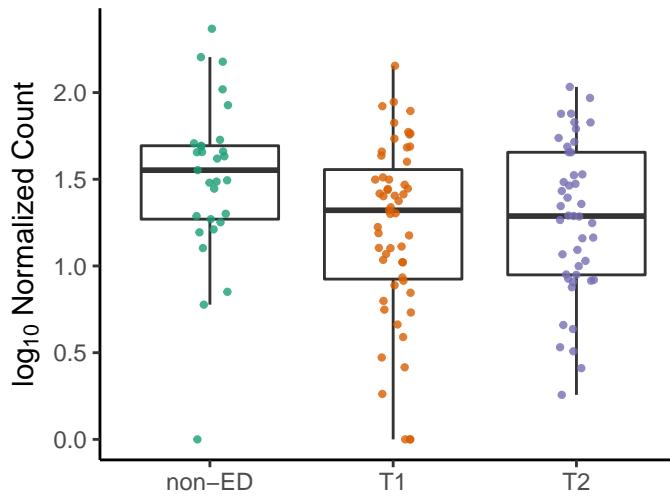
### Campylobacter volucris

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.85



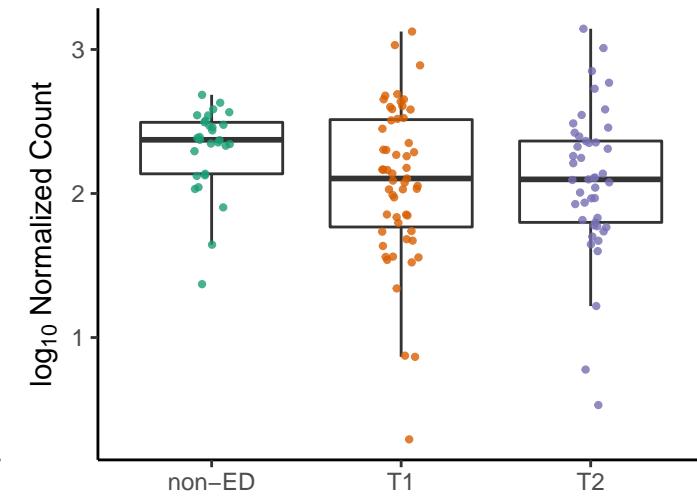
### Colwellia sp. MT41

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.071  
T1 vs. T2 adjusted p = 1



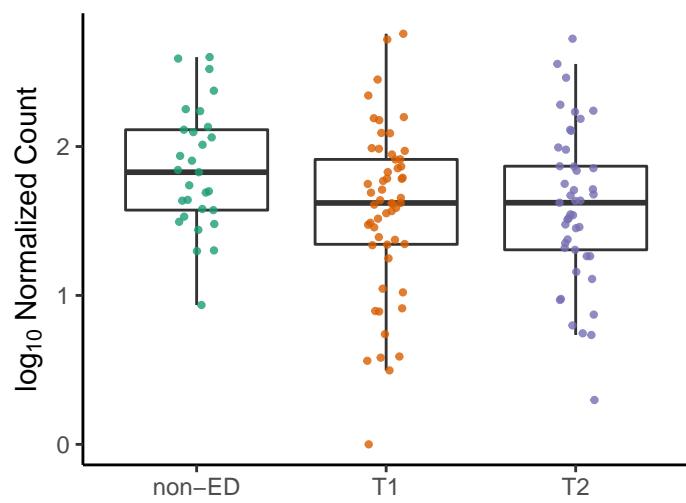
### Unclassified Mogibacterium Genus

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.98



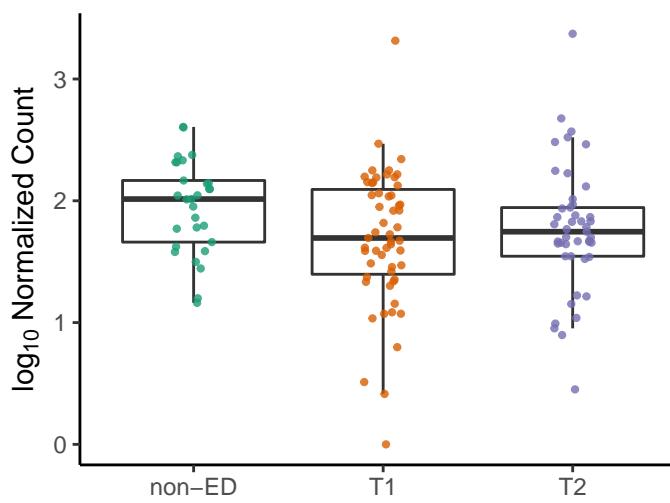
### Acidovorax citrulli

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.91



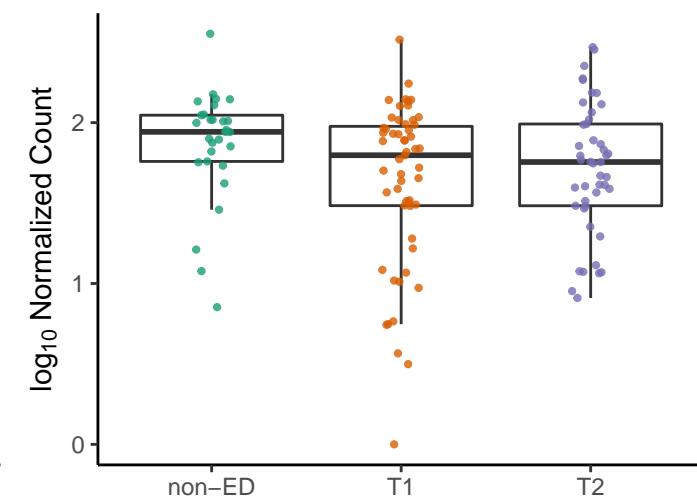
### Unclassified Thauera Genus

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



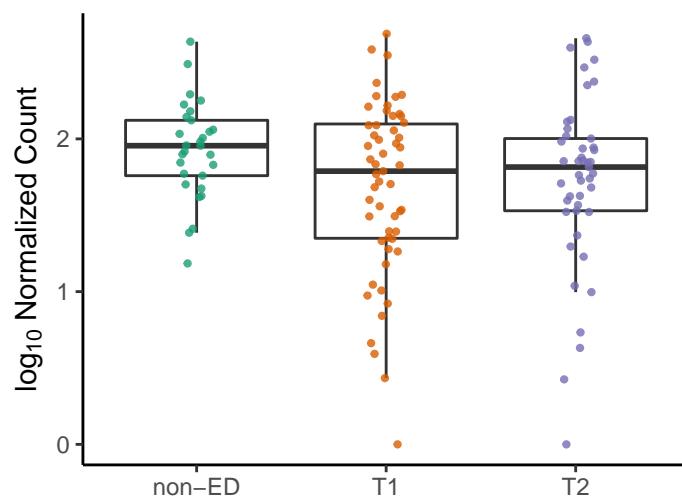
### Marinobacter similis

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



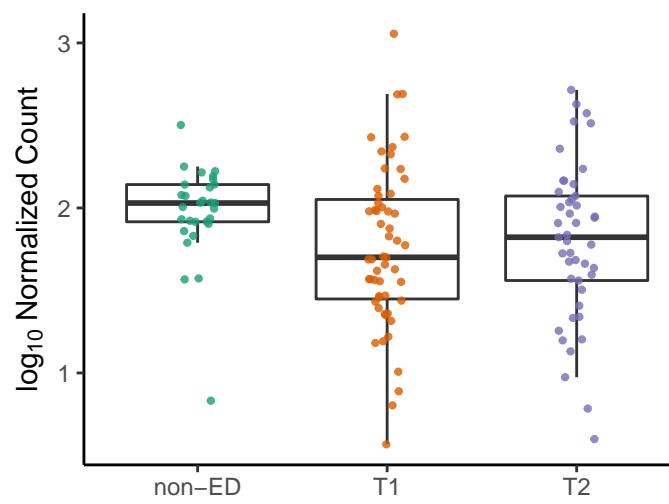
### *Thioalkalivibrio* sp. K90mix

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.86



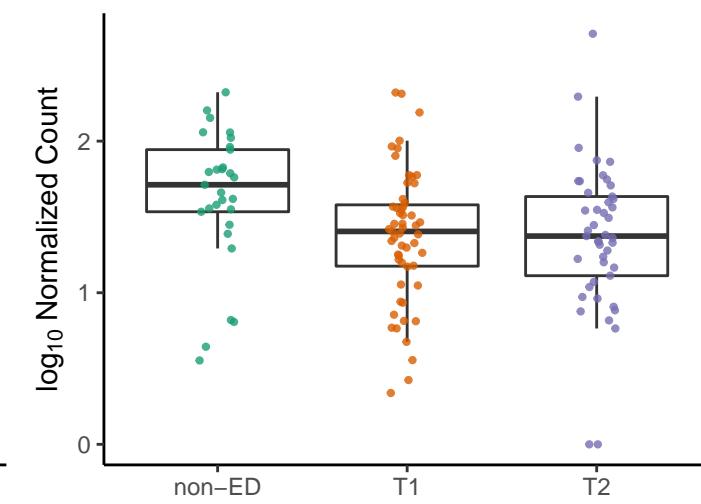
### *Anoxybacillus* flavithermus

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.88



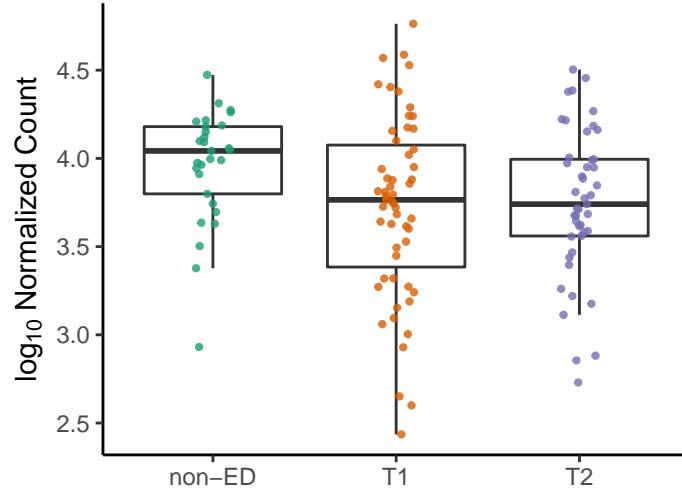
### *Moritella* viscosa

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.94



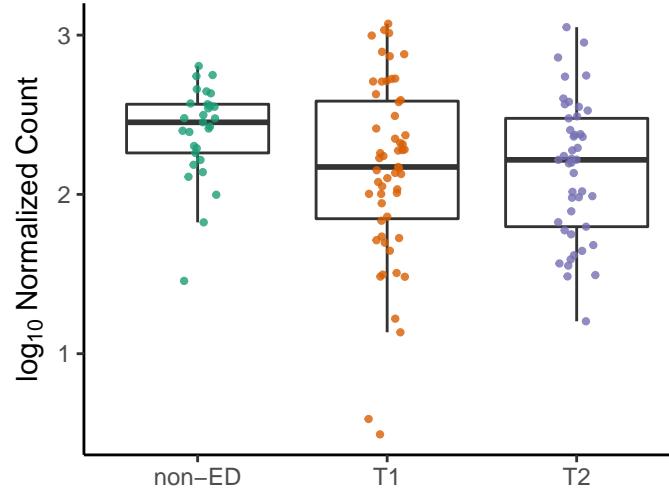
### *Oscillibacter* valericigenes

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.86



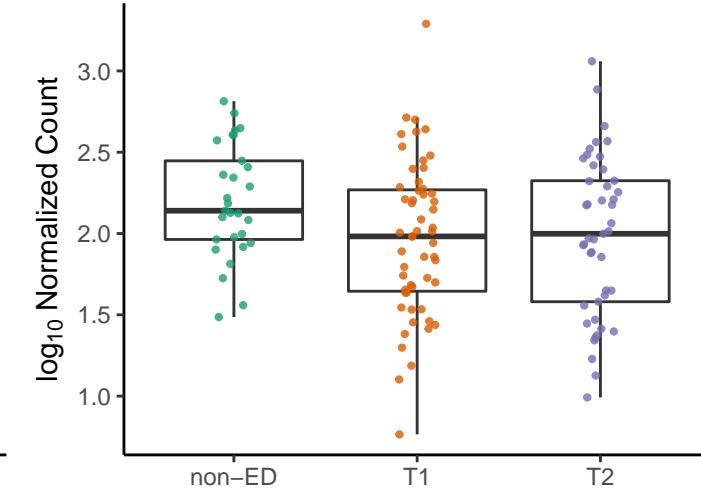
### *Sandaracinus* amyloyticus

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.93



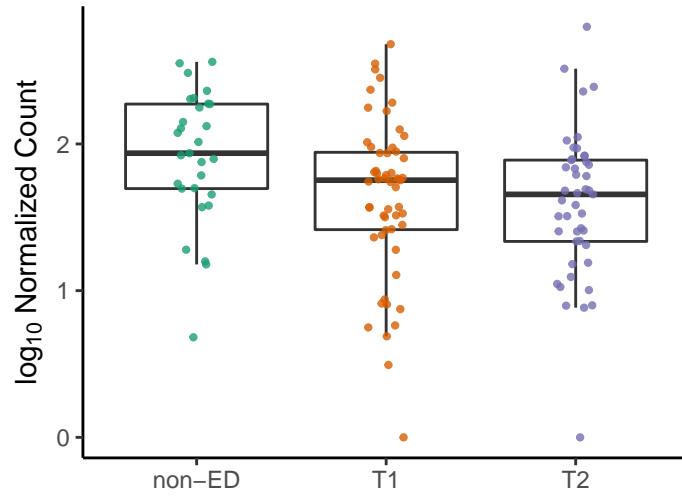
### *Streptomyces* scabiei

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.87



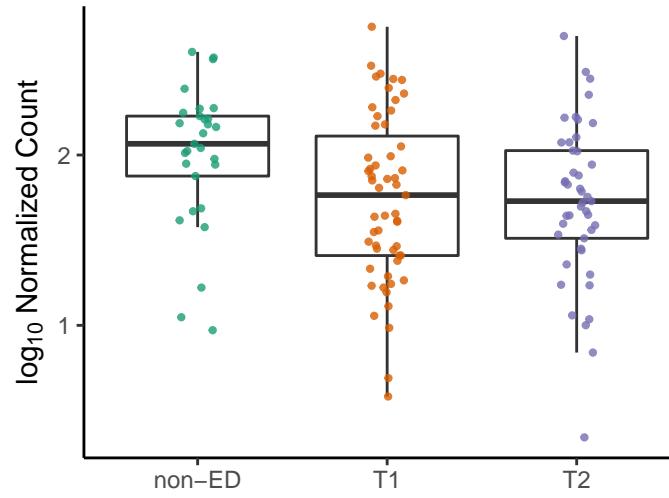
### *Streptomyces* sp. S063

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.98



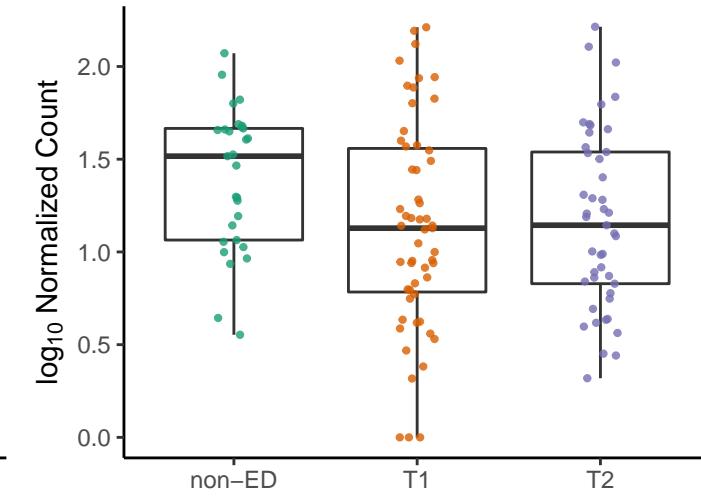
### Unclassified Marinitoga Genus

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.98



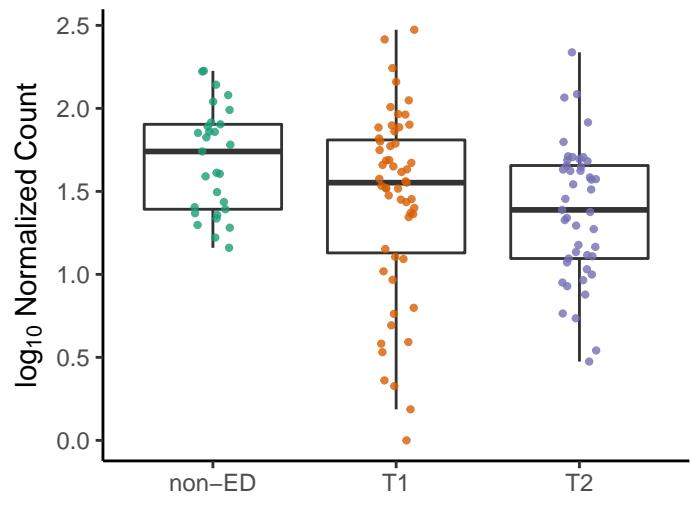
### Unclassified Nonomuraea Genus

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.89



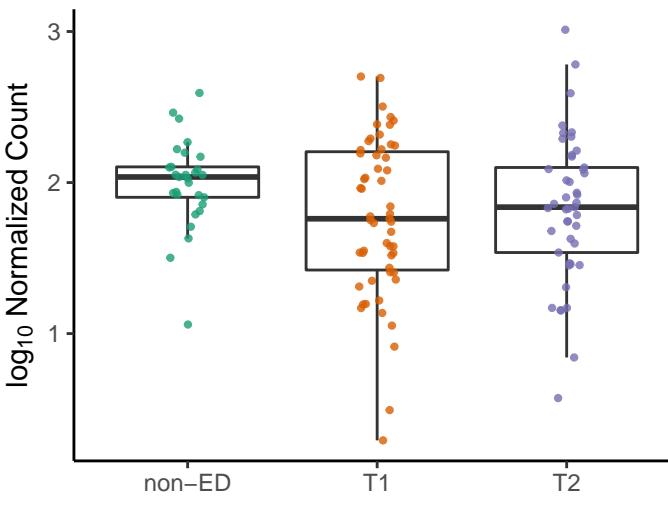
### *Nitrobacter winogradskyi*

non-ED vs. T1 adjusted p = 0.032  
 non-ED vs. T2 adjusted p = 0.0064  
 T1 vs. T2 adjusted p = 0.95



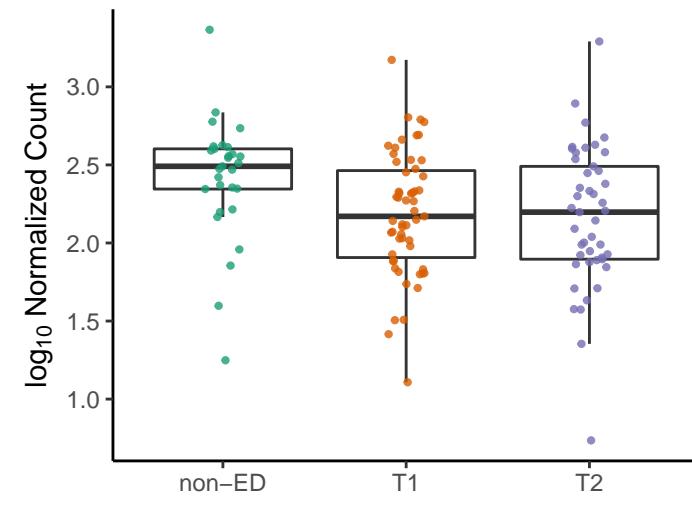
### *Micromonospora* sp. WMMA2032

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



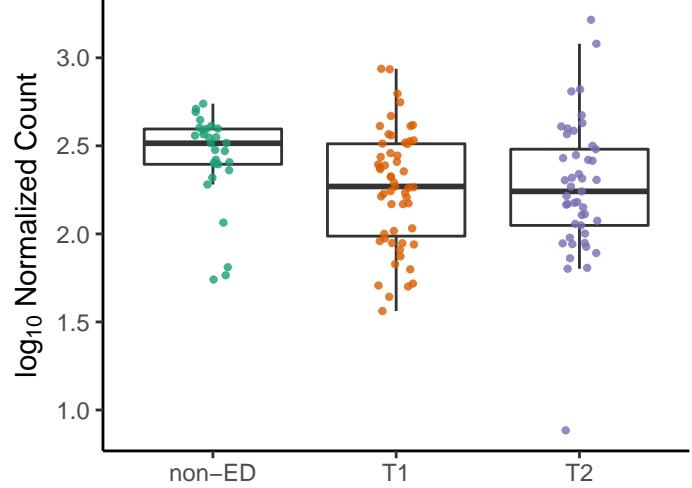
### *Peptoniphilus* sp. ING2-D1G

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.91



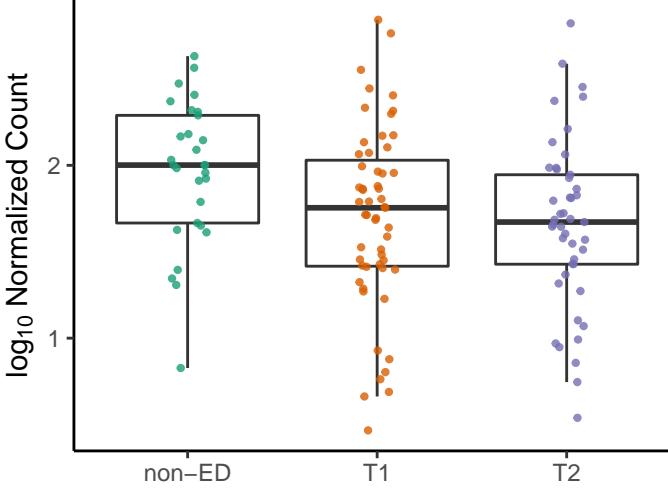
### *Desulfobacterium metallireducens*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.98



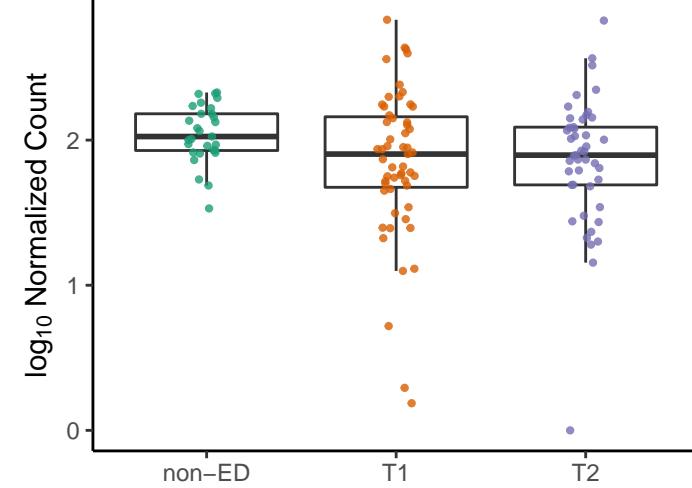
### *Silicimonas algicola*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 1



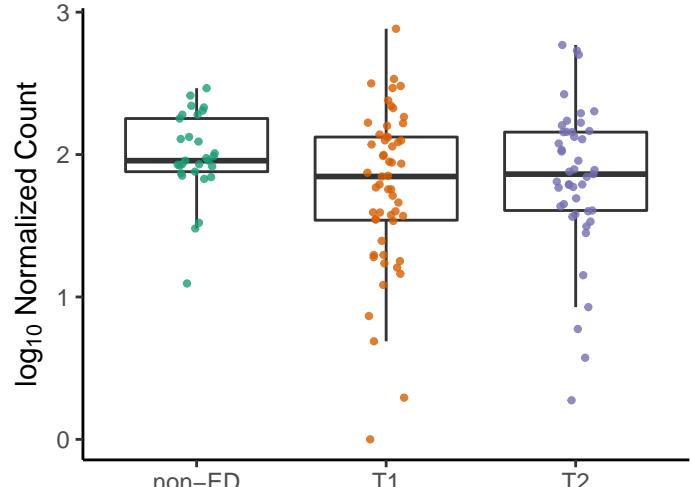
### *Ruegeria pomeroyi*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.92



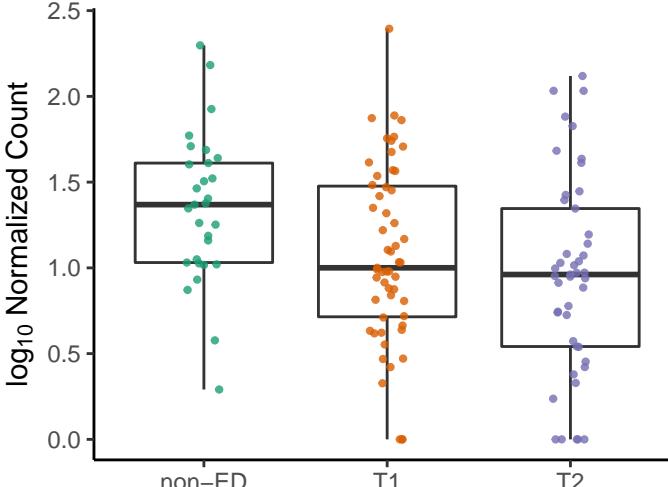
### *Beijerinckiaceae bacterium RH AL1*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.86



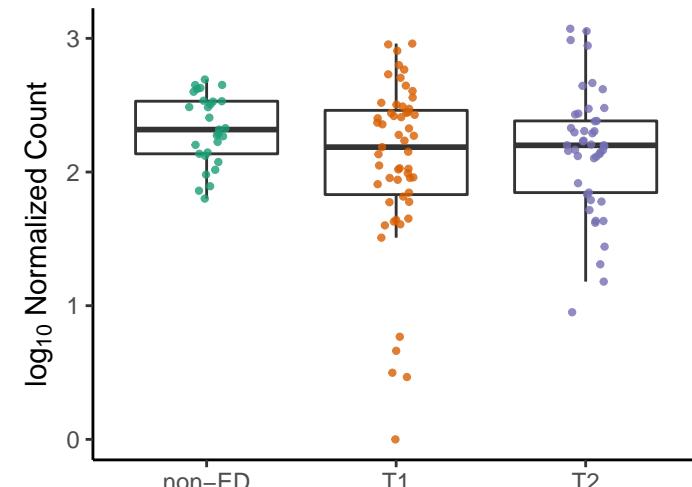
### *Candidatus Liberibacter americanus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



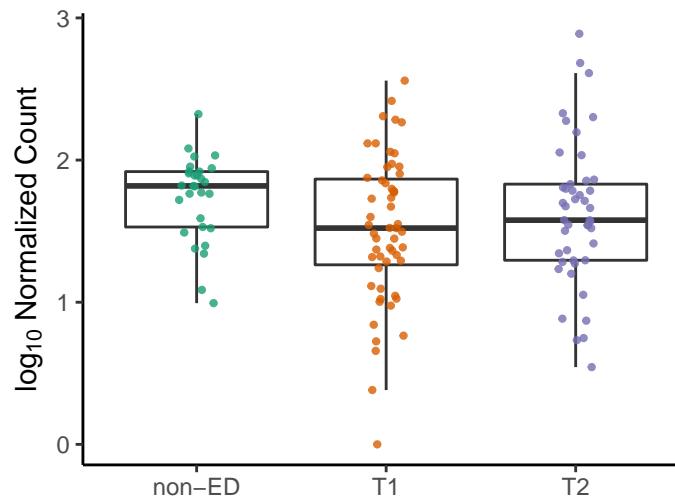
### *Acidovorax avenae*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.85



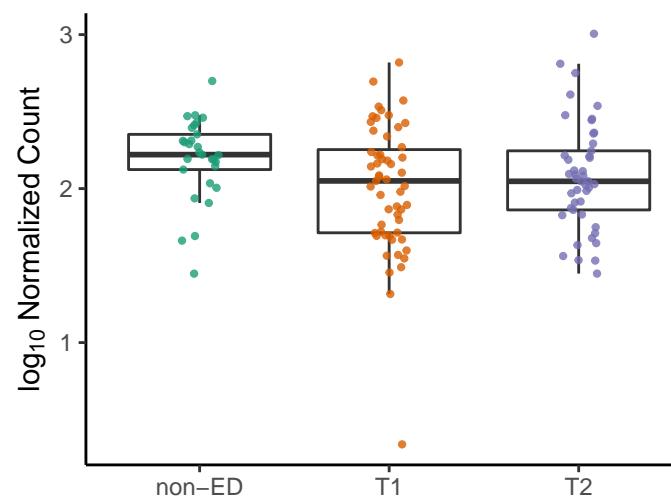
### *Cellvibrio* sp. PSBB023

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



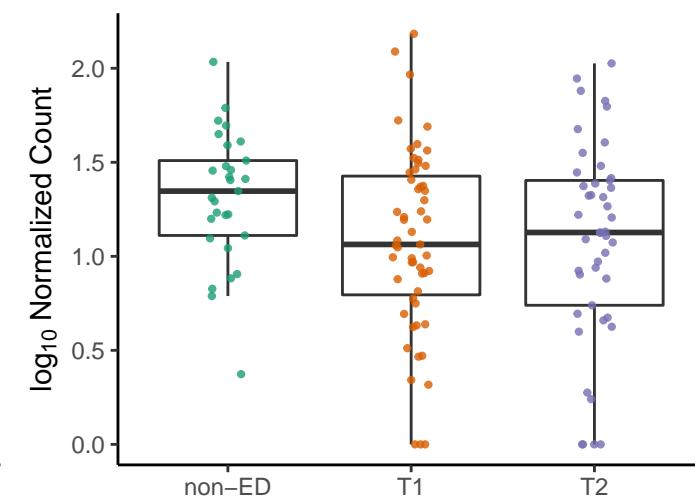
### *Fictibacillus phosphorivorans*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.89



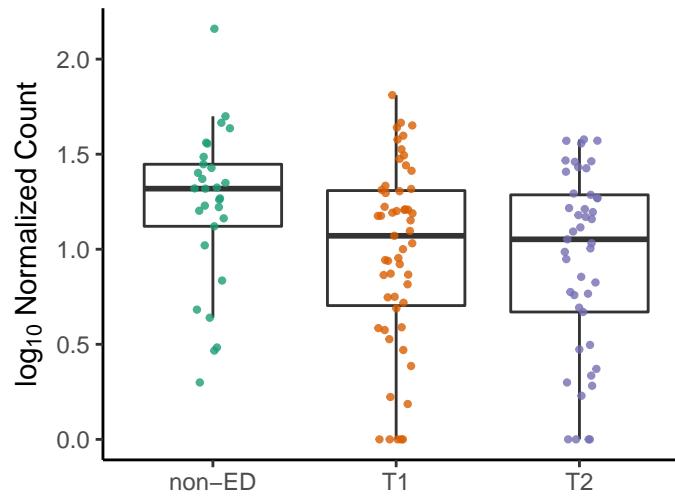
### *Pseudomonas luteola*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



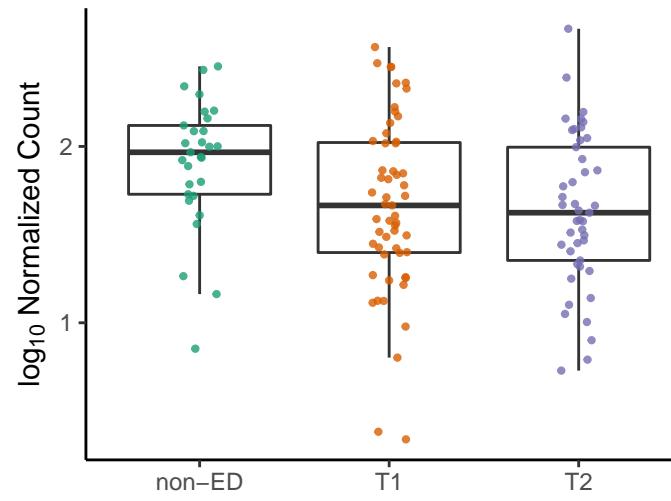
### *Bacillus* sp. WP8

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.89



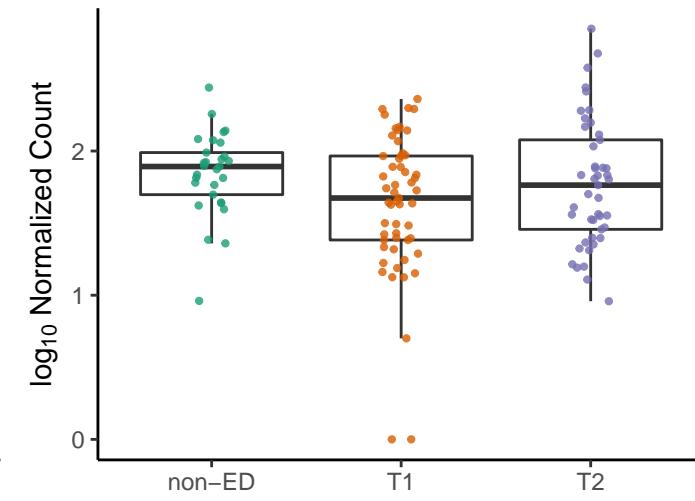
### *Petrotoga mobilis*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.86



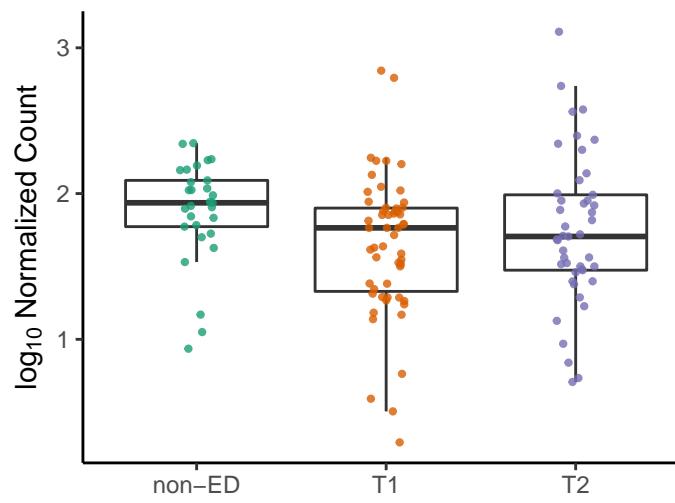
### *Campylobacter fetus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.46  
 T1 vs. T2 adjusted p = 0.85



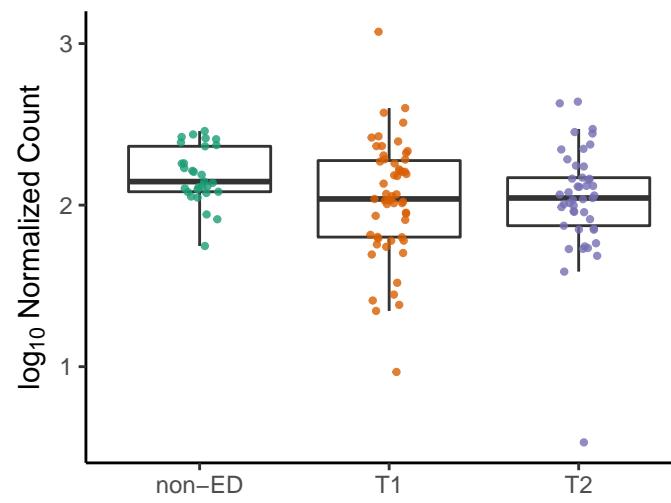
### *Oligotropha carboxidovorans*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



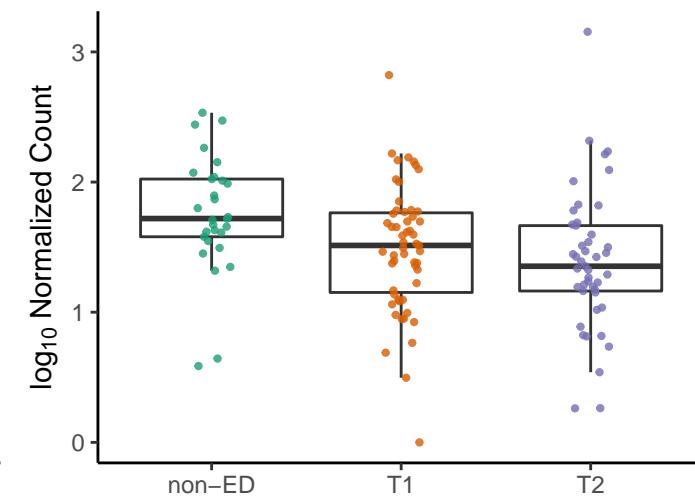
### *Pontibacter* sp. SGAir0037

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.97



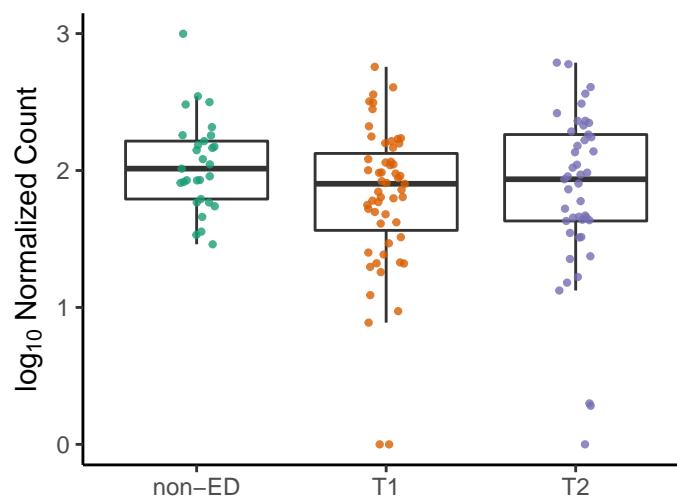
### *Shewanella baltica*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.86



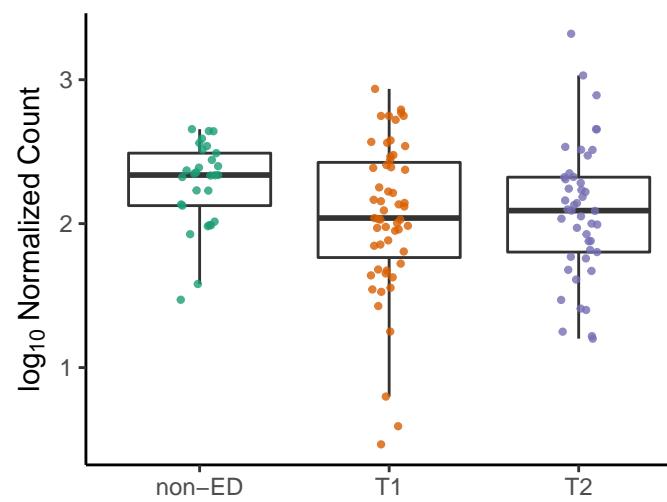
### *Sphingobium* sp. EP60837

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



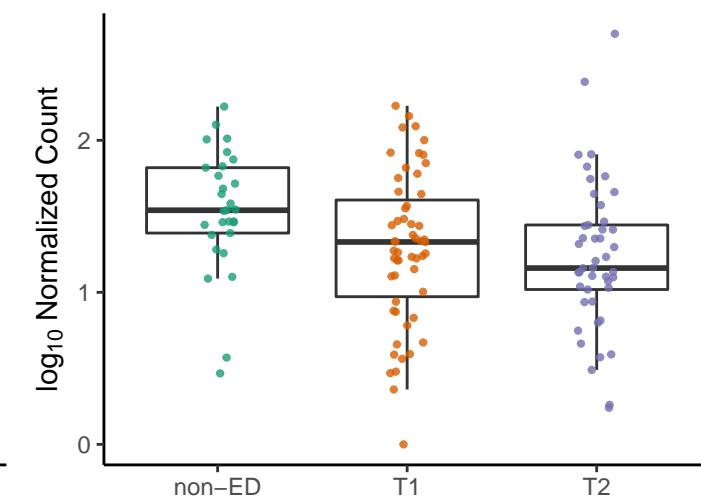
### Unclassified Amycolatopsis Genus

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.91



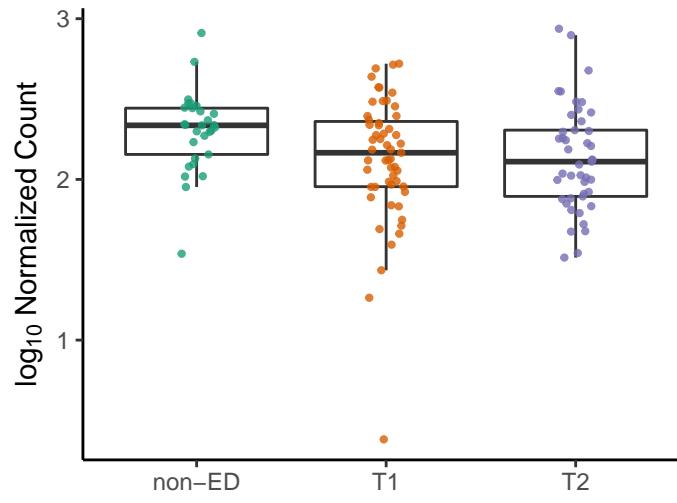
### *Leptospira* weili

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.99



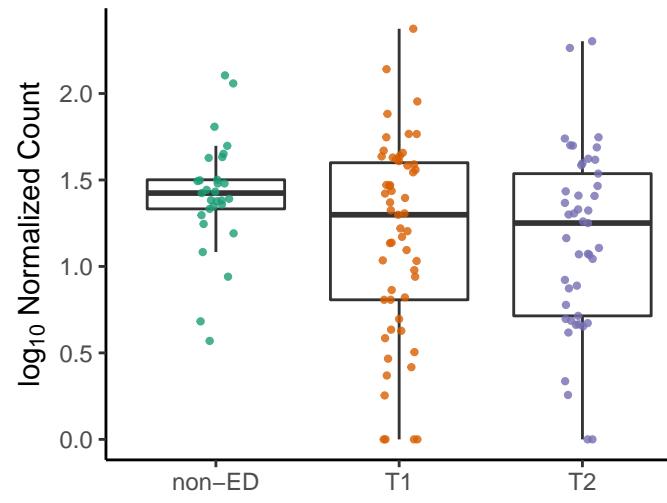
### *Pantoea* vagans

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.95



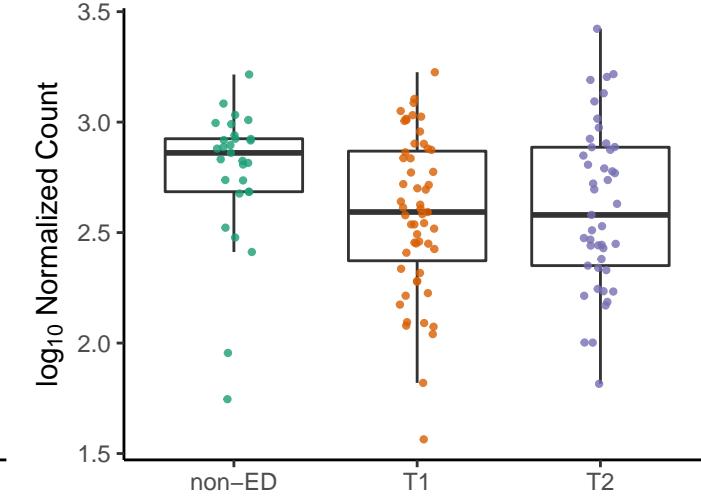
### *Mannheimia* sp. USDA-ARS-USMARC

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.87



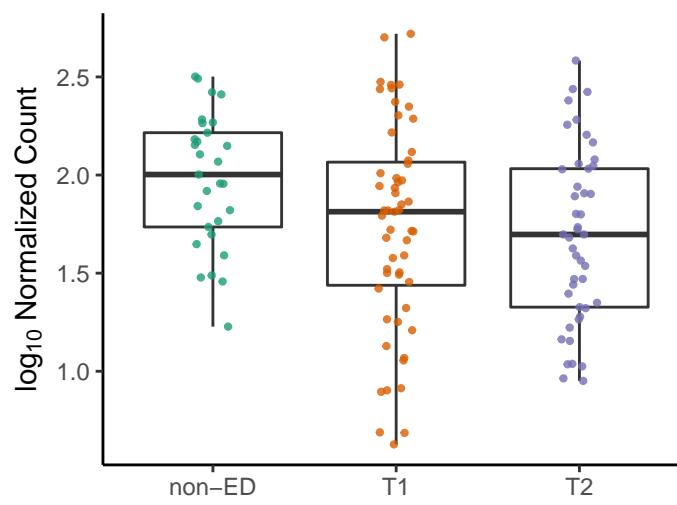
### *Clostridium* sp. BNL1100

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.94



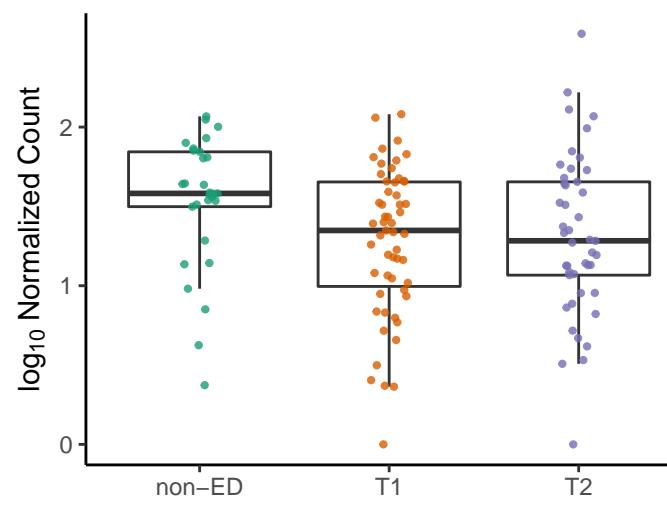
### *Hydrogenophaga* sp. RAC07

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.98



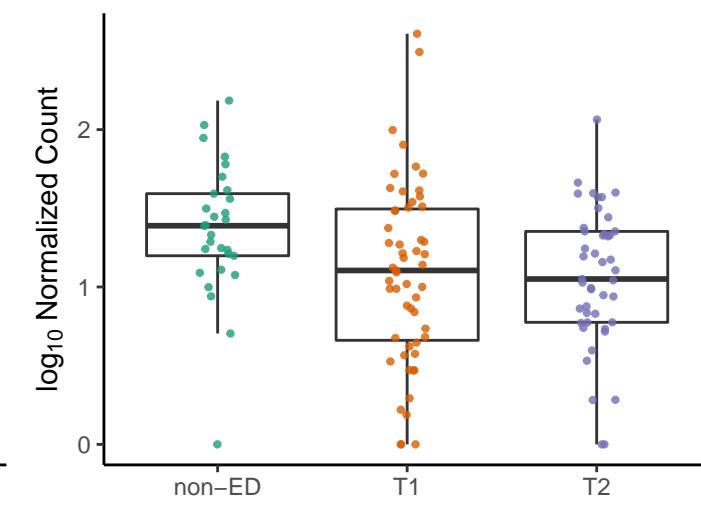
### *Persephonella* marina

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.98



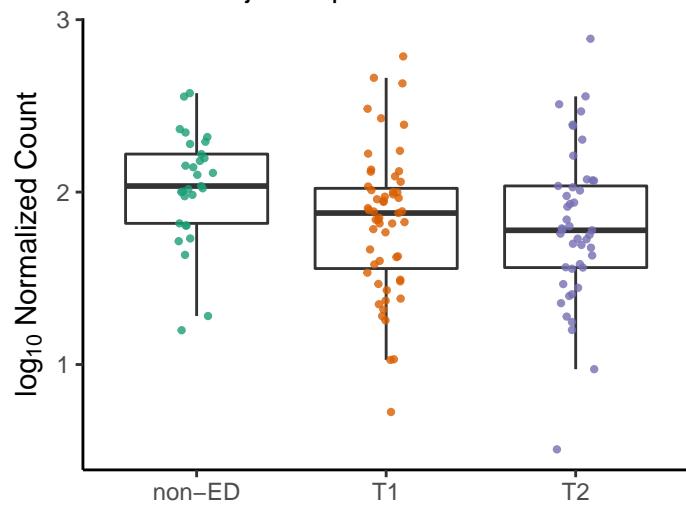
### *Campylobacter* avium

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.89



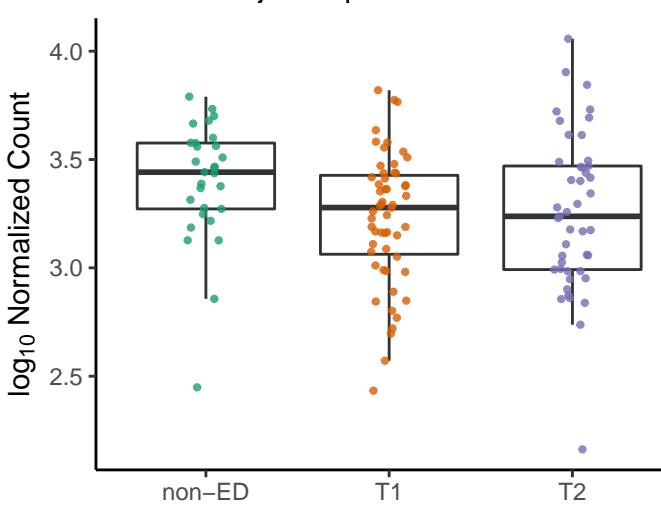
### *Acinetobacter indicus*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.99



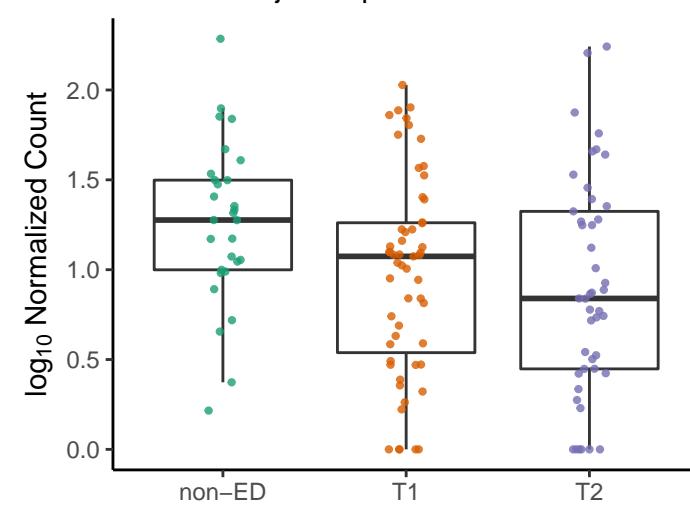
### *Butyrivibrio hungatei*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.91



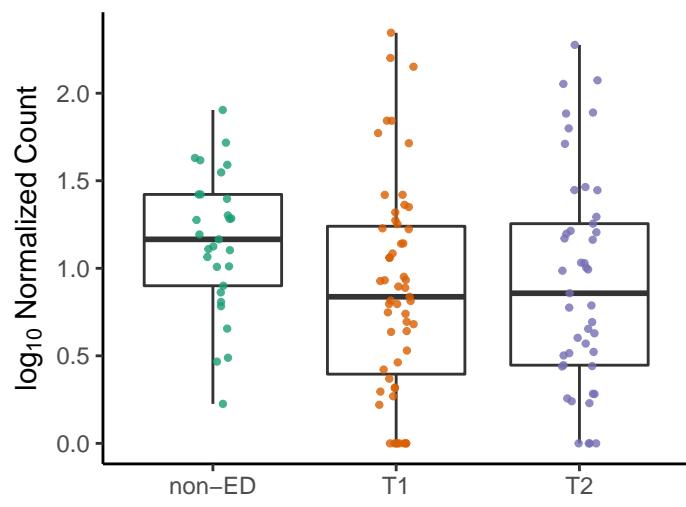
### *Campylobacter lanienae*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.87



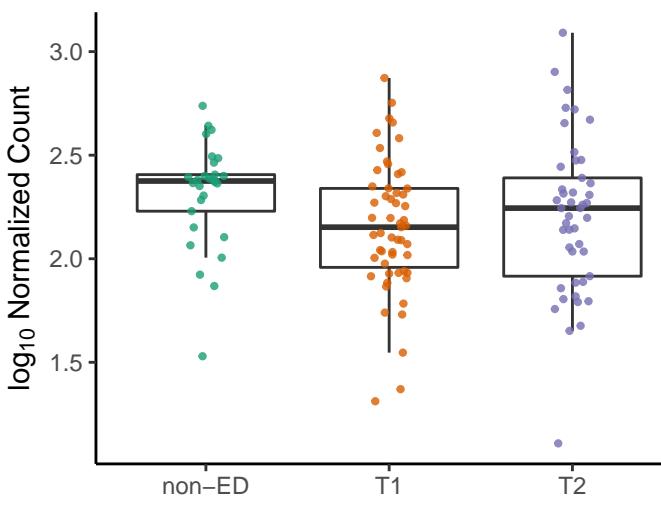
### *Chlamydia felis*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.92



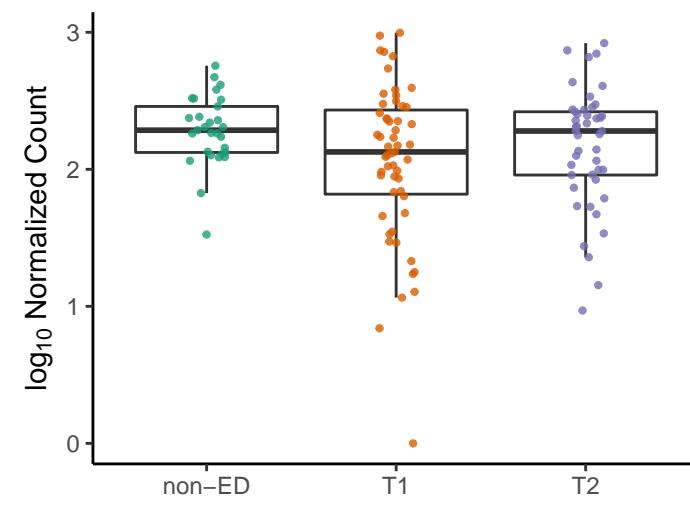
### *Pelosinus fermentans*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.88



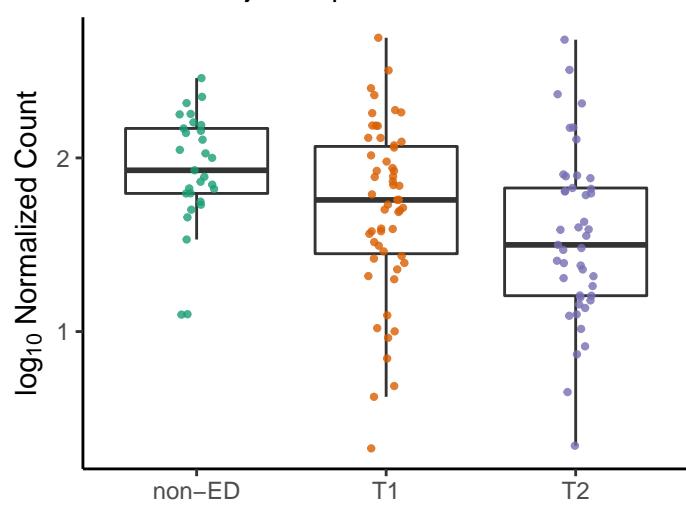
### *Pseudomonas psychrotolerans*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



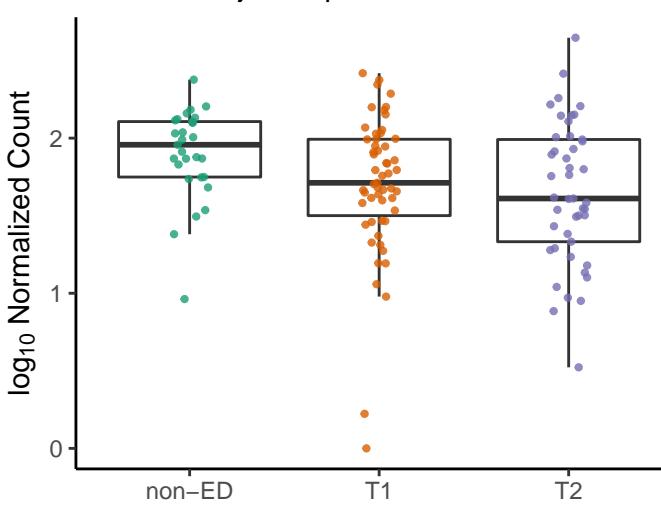
### *Tenacibaculum todaridis*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.0034  
 T1 vs. T2 adjusted p = 0.79



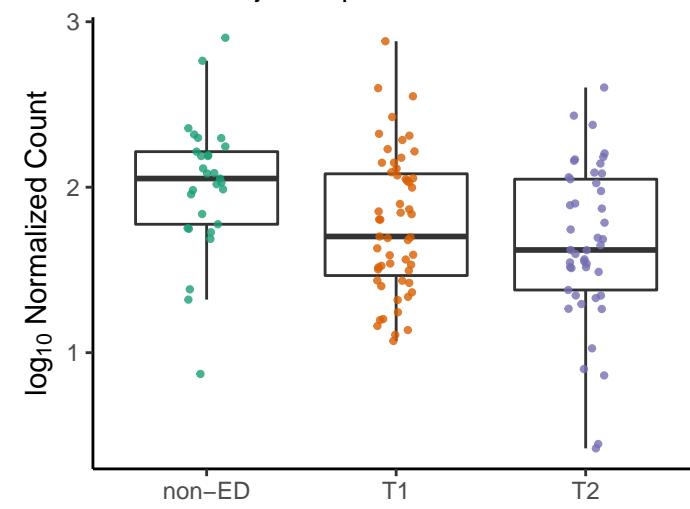
### *Flavobacterium sp. CJ74*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.91



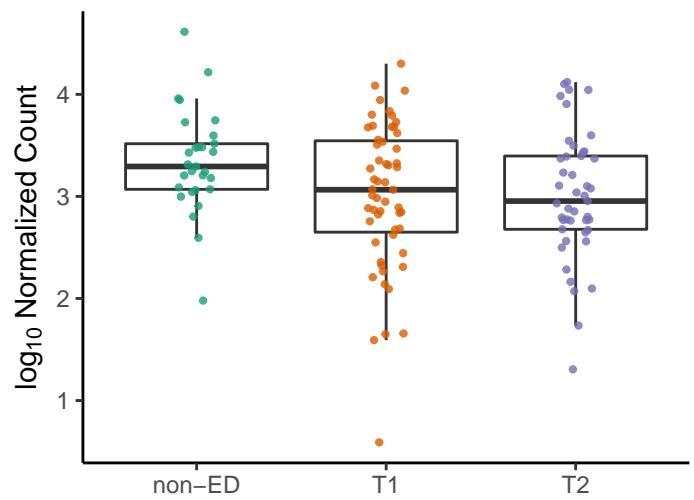
### *Flavobacterium sp. XS-5*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.009  
 T1 vs. T2 adjusted p = 0.75



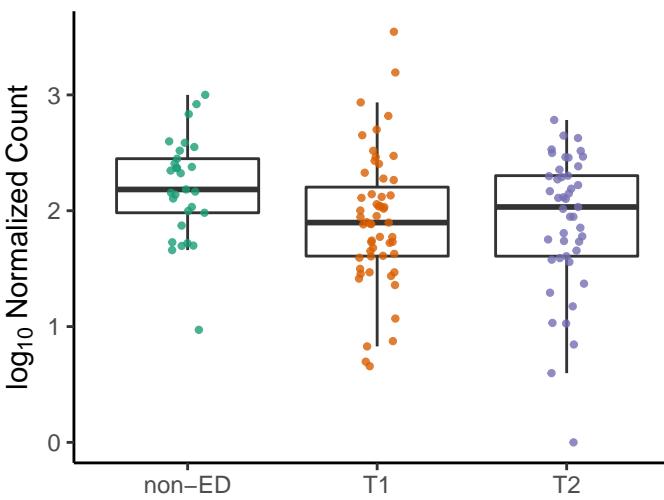
### *Libanococcus massiliensis*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.88



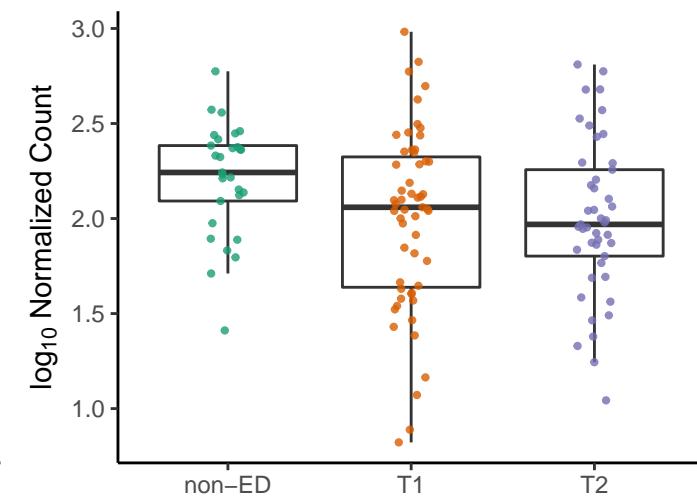
### *Streptococcus gwangjuense*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.97



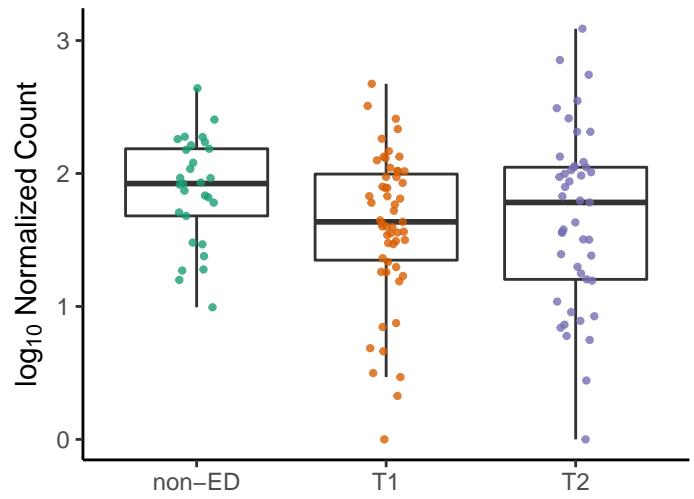
### *Gloeobacter kilaueensis*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.92



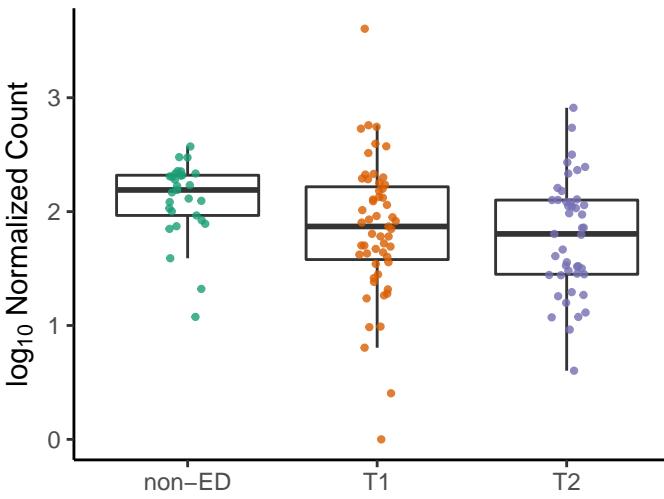
### *Methylobacterium sp. AMS5*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



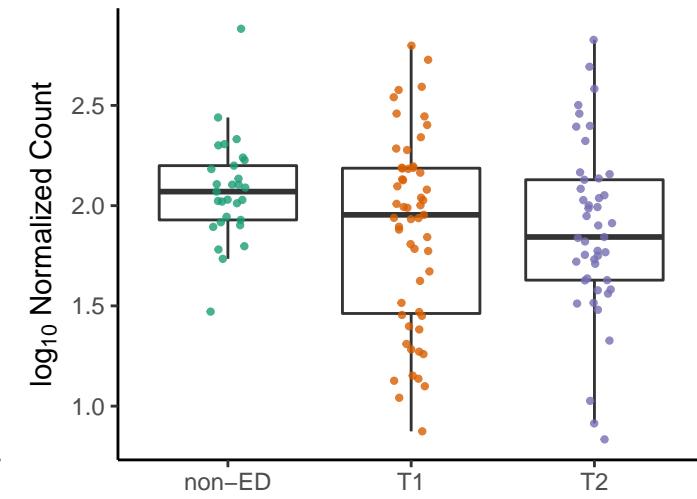
### *Arcobacter butzleri*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.85



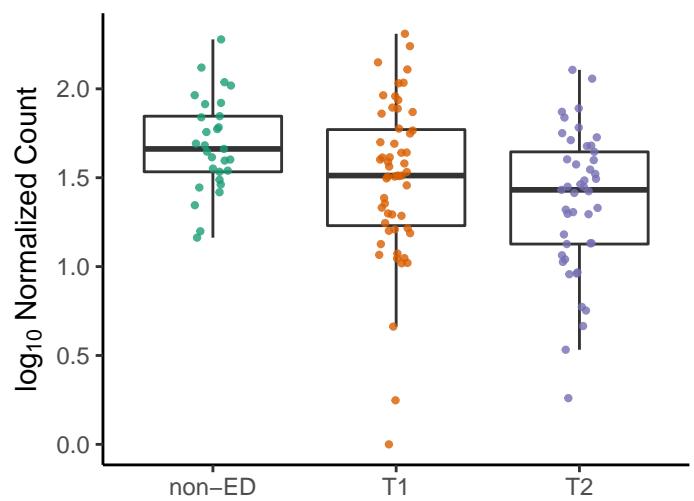
### *Spirosoma montaniterrae*

non-ED vs. T1 adjusted p = 0.033  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.99



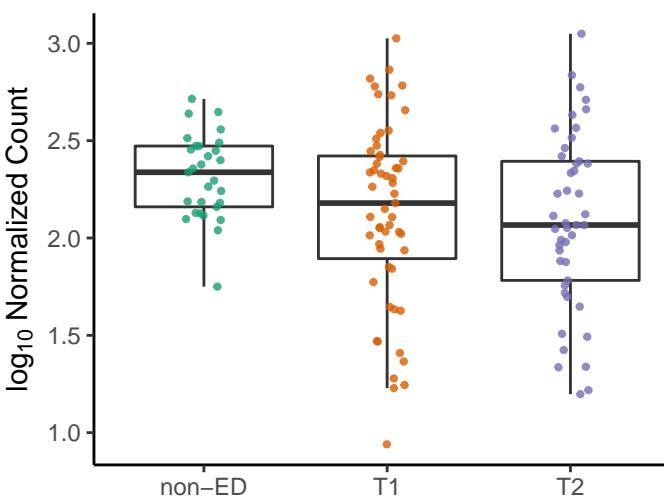
### *Kluyveromyces marxianus*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.0029  
 T1 vs. T2 adjusted p = 0.85



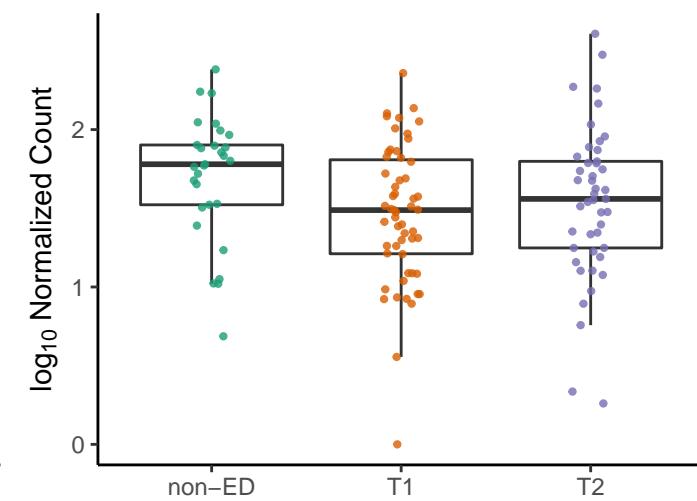
### *Labilithrix luteola*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.92



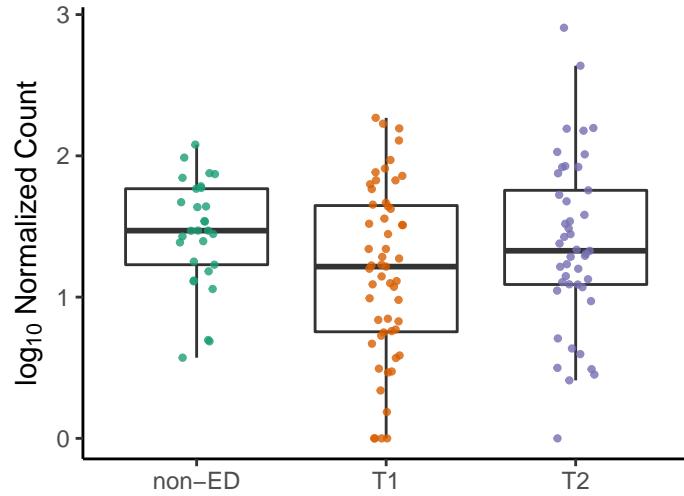
### *Leptotrichia hofstadii*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.86



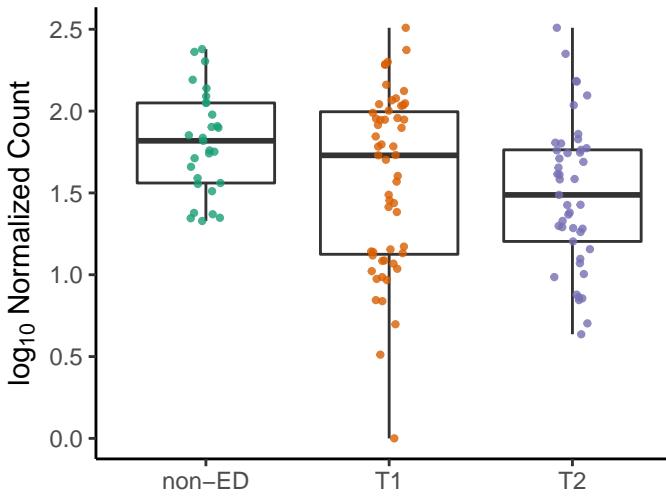
### *Picrophilus torridus*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.58  
 T1 vs. T2 adjusted p = 0.85



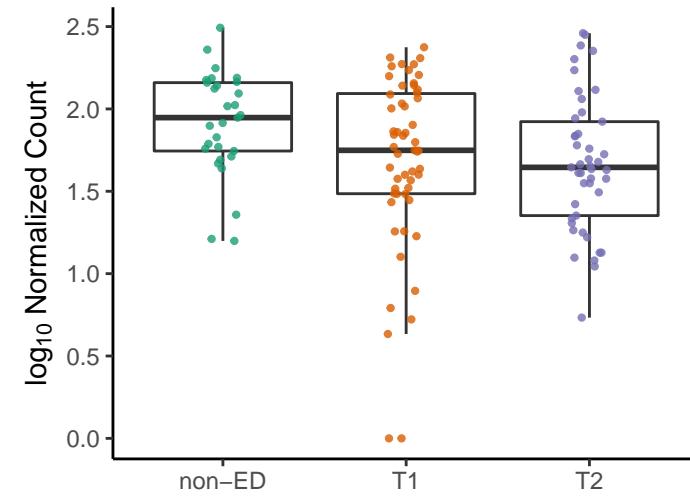
### *Pseudomonas koreensis*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



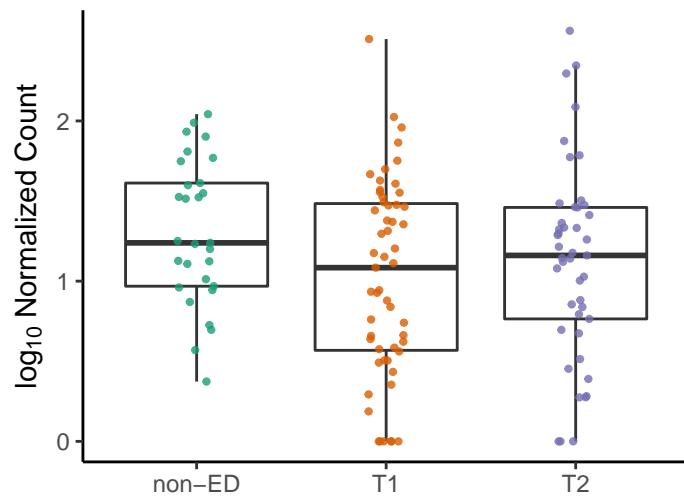
### *Saccharopolyspora* sp. E2A

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.95



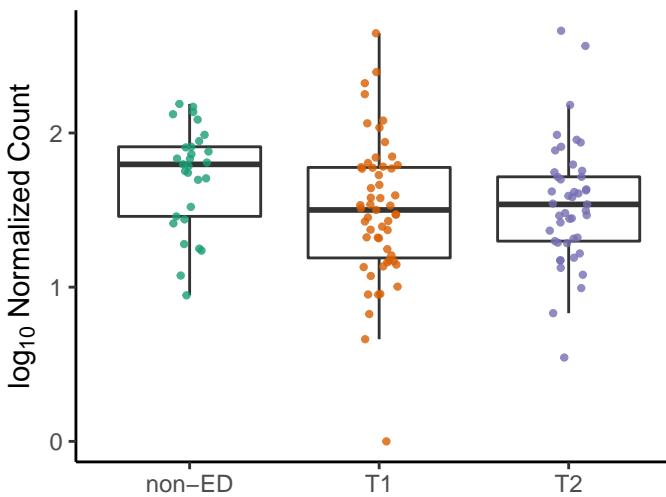
### *Streptomyces* sp. VN1

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



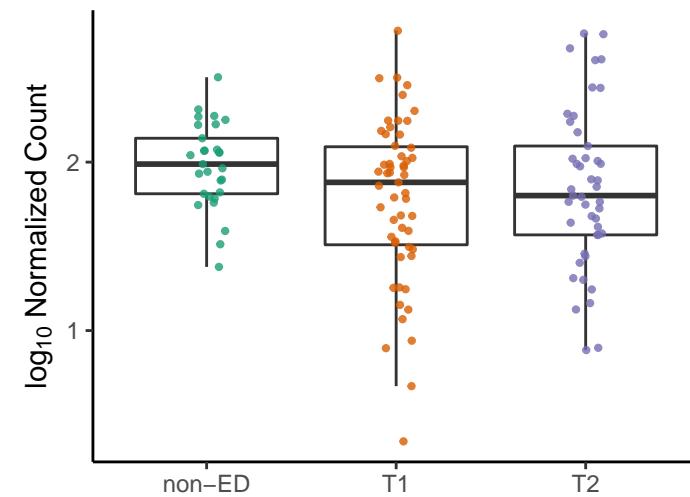
### Unclassified Hafnia Genus

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.97



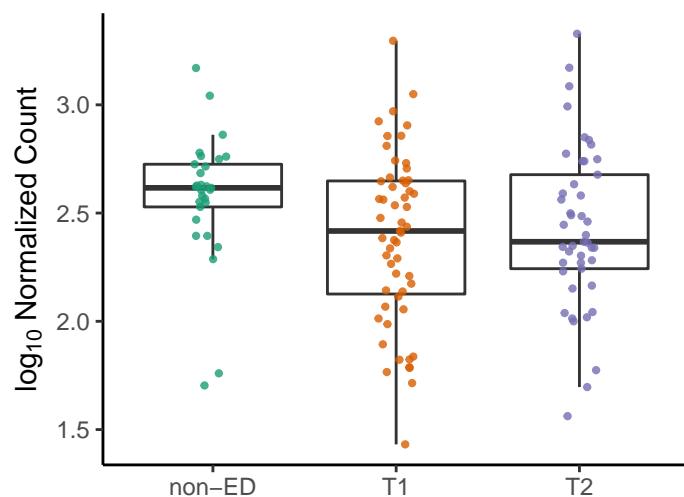
### *Nitrospira defluvii*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



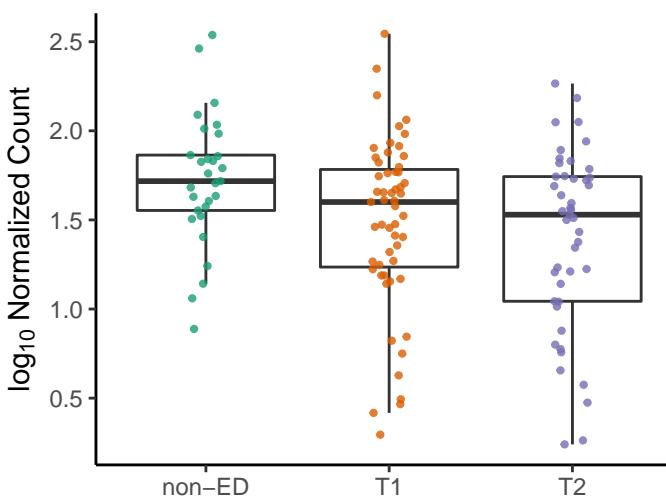
### Unclassified Peptococcaceae Family

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



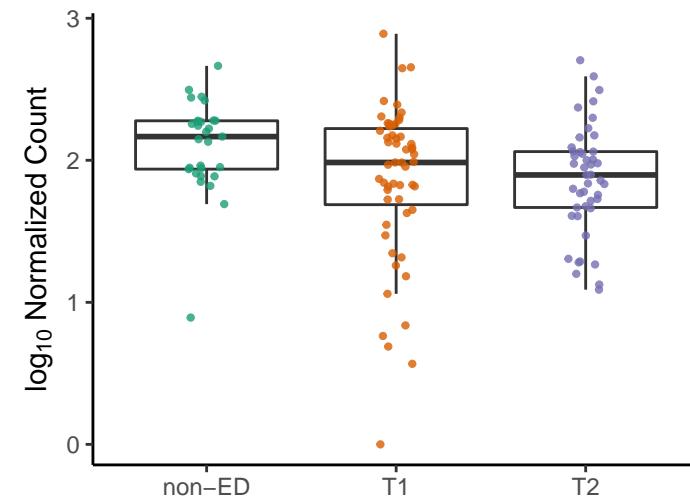
### *Pandorea* oxalativorans

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.91



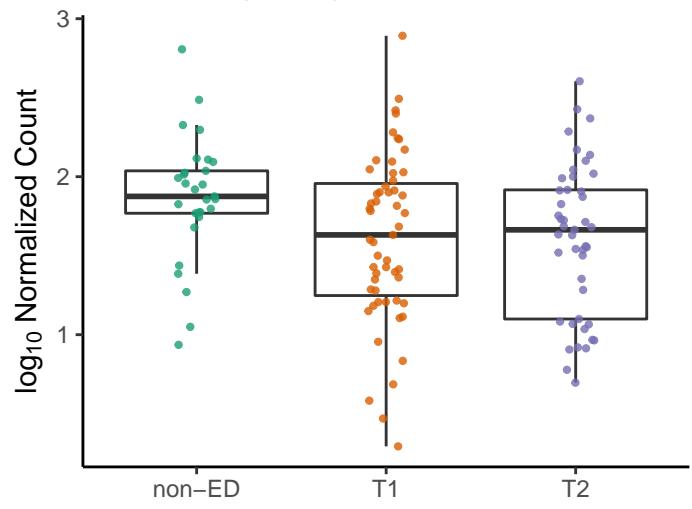
### *Robiginitalea biformata*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.97



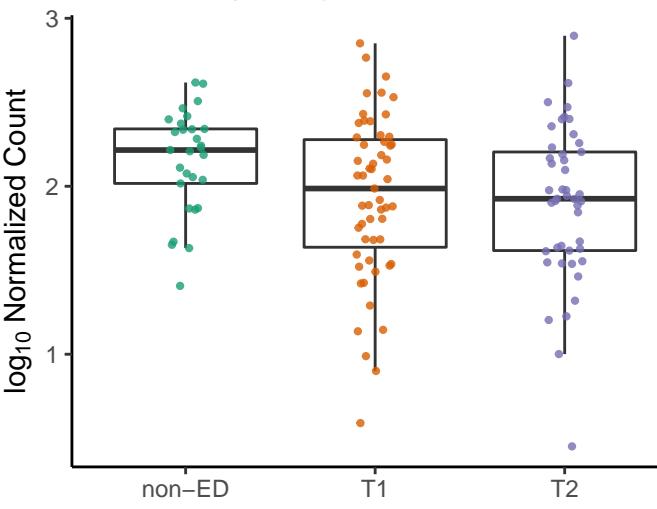
### Mycobacterium sp. DL90

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.95



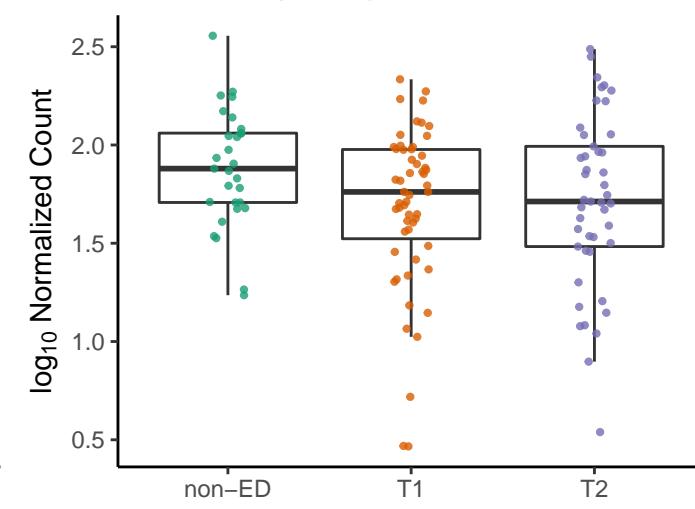
### Sulfuritortus calidifontis

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.99



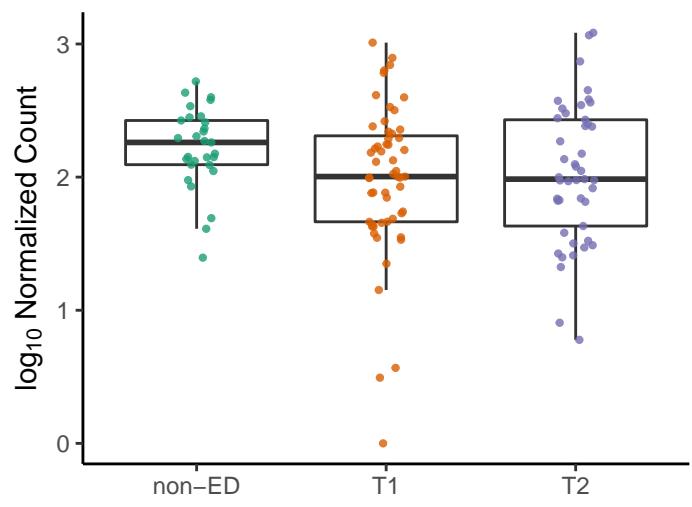
### Hyphomicrobium nitrativorans

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.86



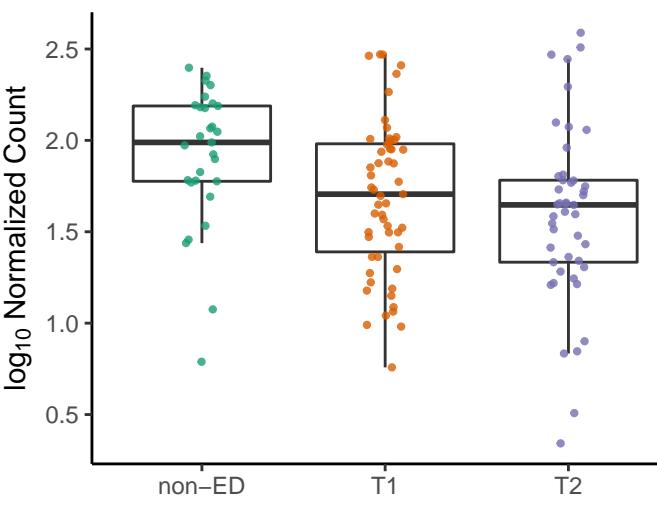
### Kribbella flava

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.85



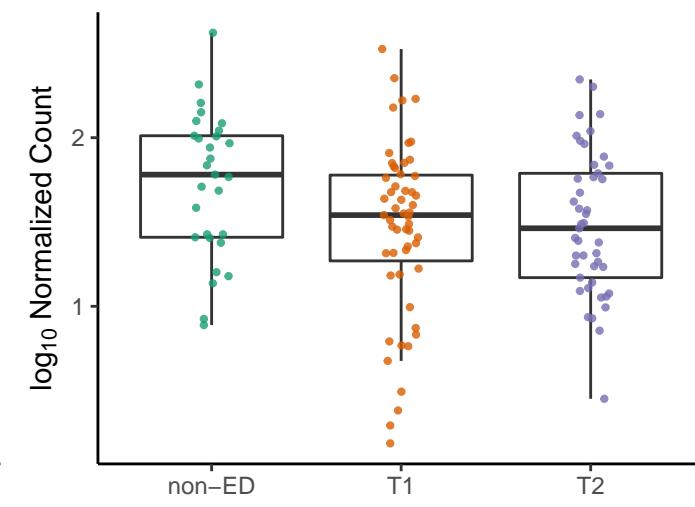
### Leptotrichia sp. oral taxon 847

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



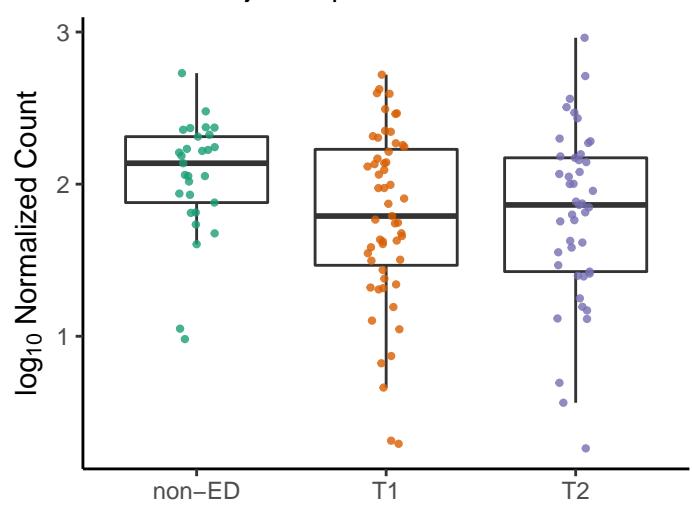
### Mycolicibacterium doricum

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.93



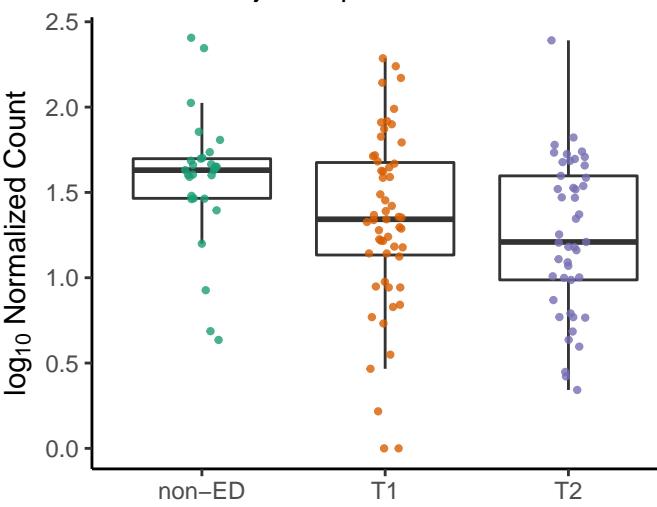
### Salinispora arenicola

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.9



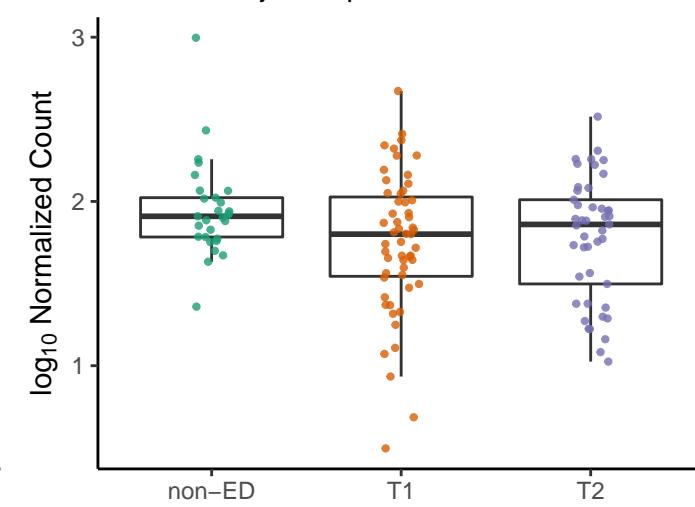
### Unclassified Dokdonia Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.87



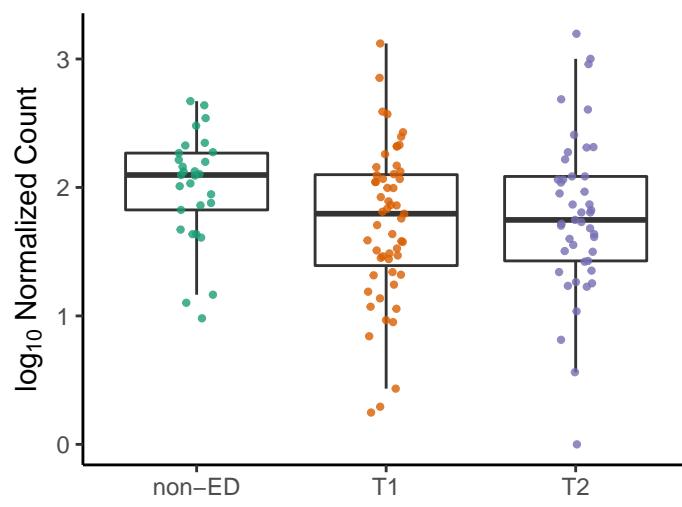
### Paraburkholderia caffeinilytica

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.87



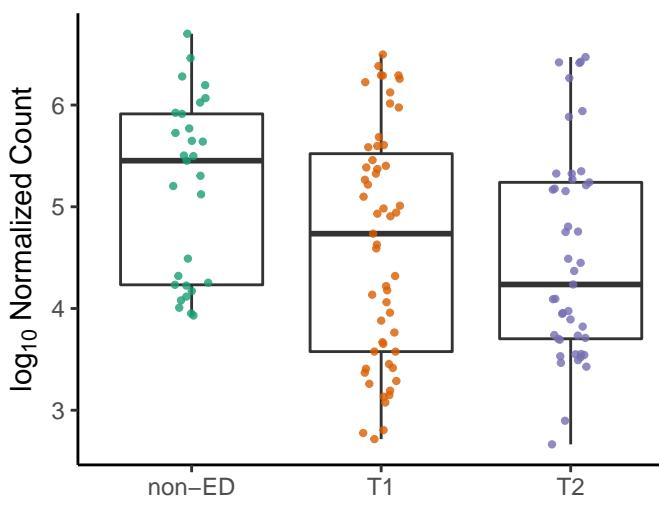
### Unclassified Cellulosimicrobium Genus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.91



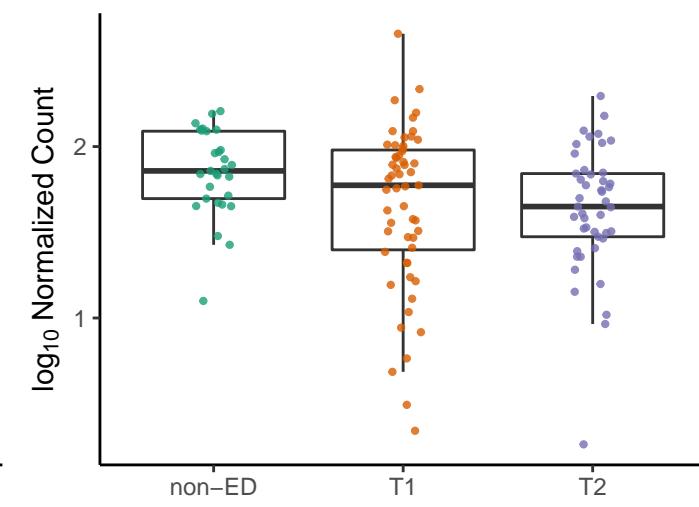
### *Collinsella aerofaciens*

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.95



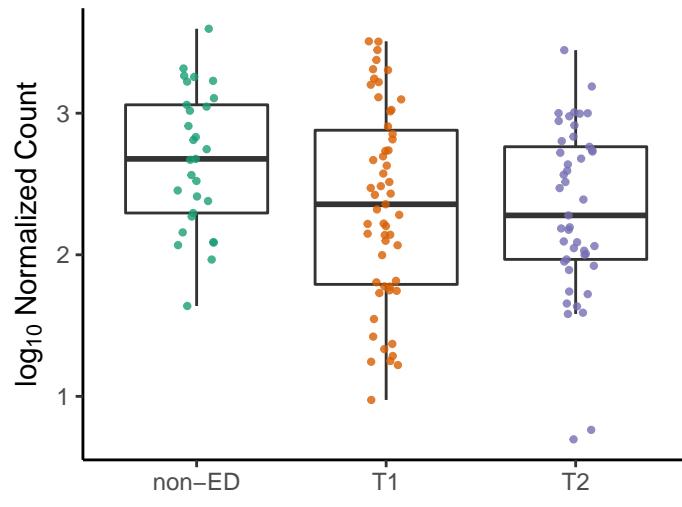
### *Shewanella loihica*

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.98



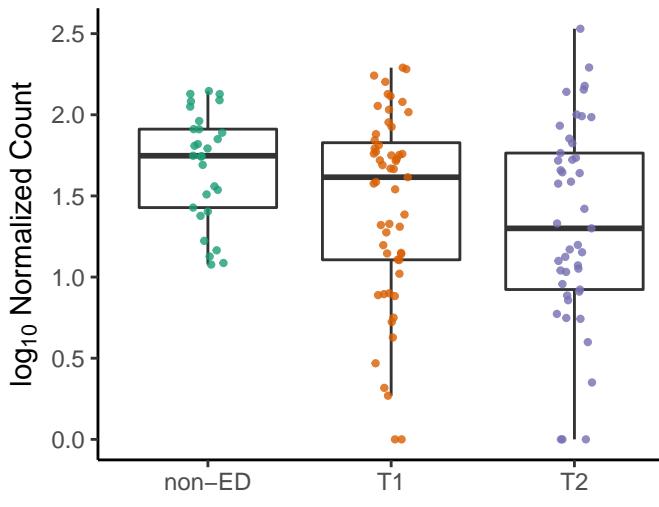
### *Streptococcus viridans*

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.98



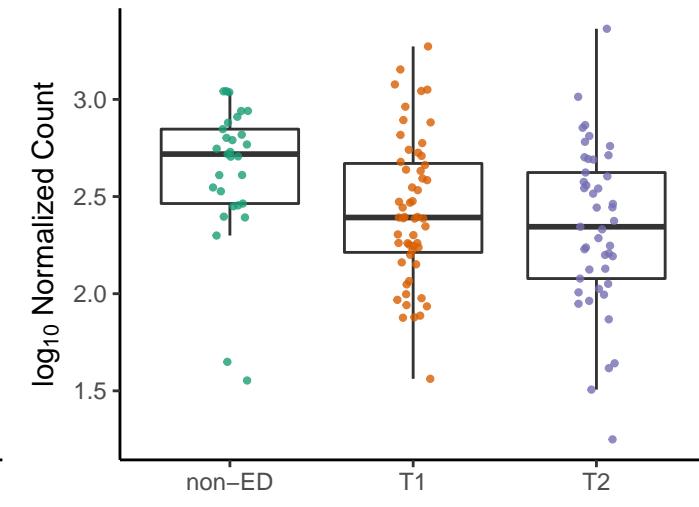
### *Agromyces* sp. MF30-A

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.92



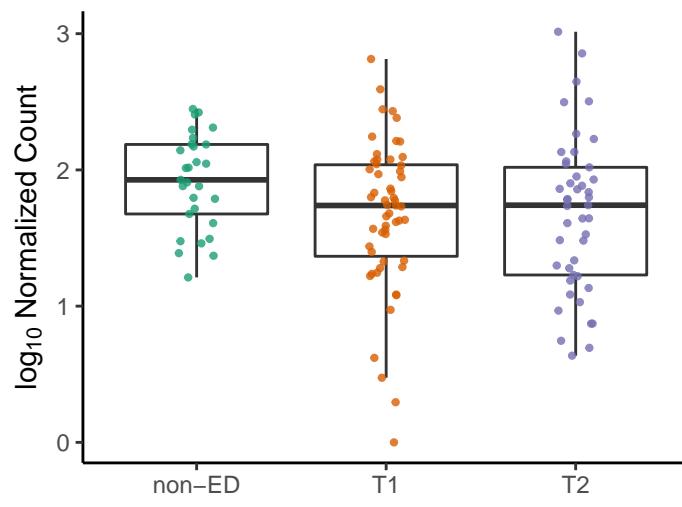
### *Clostridium estertheticum*

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.85



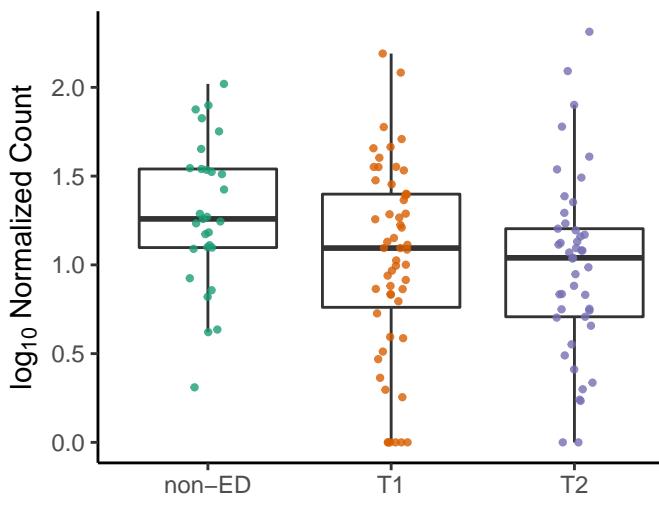
### *Microbacterium* sp. 4R-513

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.91



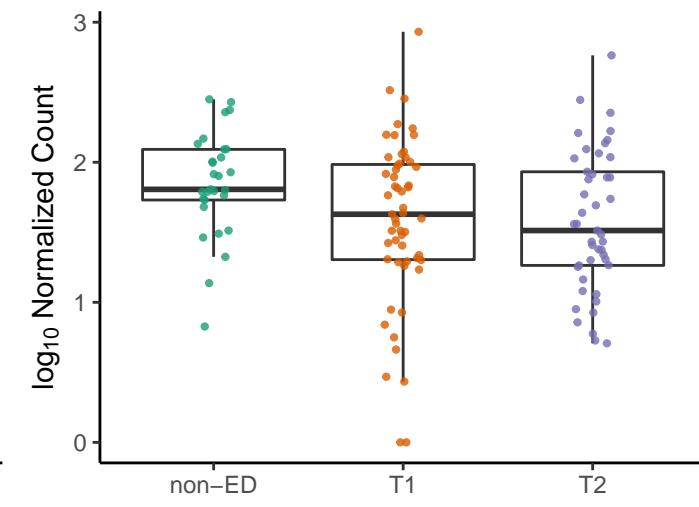
### *Alteromonas* sp. 76-1

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.98



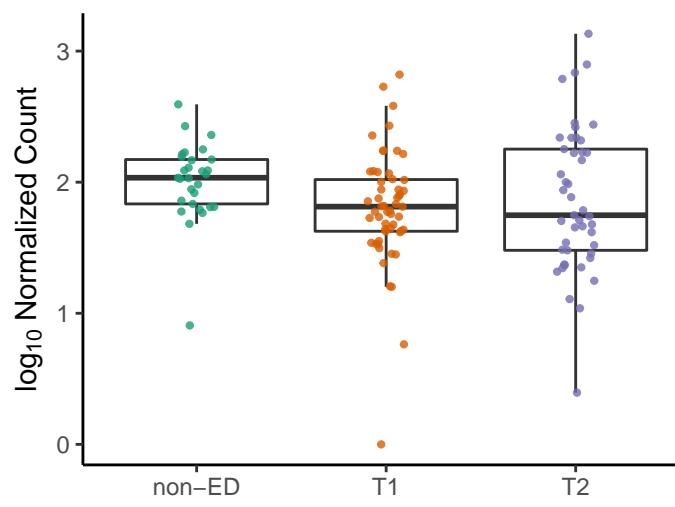
### *Azospirillum* sp. TSH58

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.92



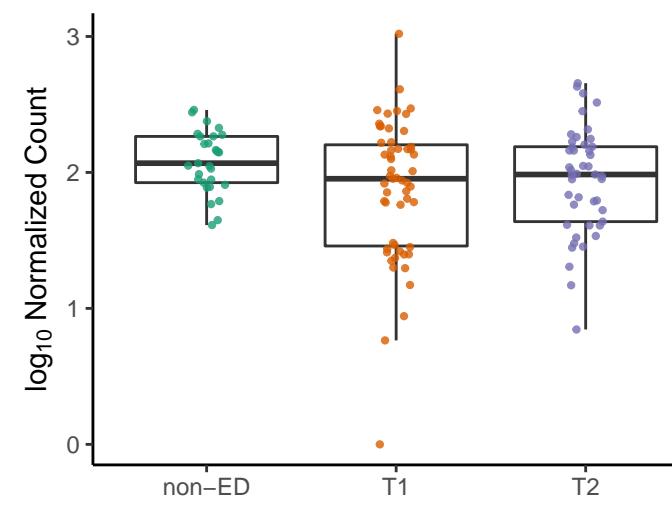
### *Calothrix* sp. NIES-3974

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.86



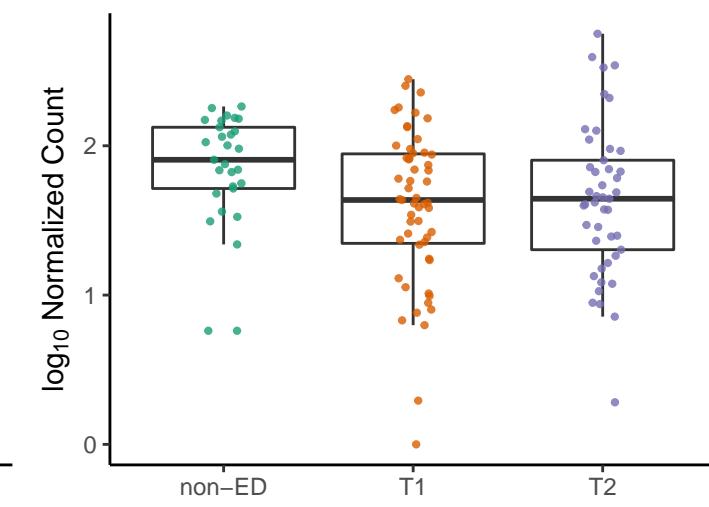
### *Corynebacterium jeikeium*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.85



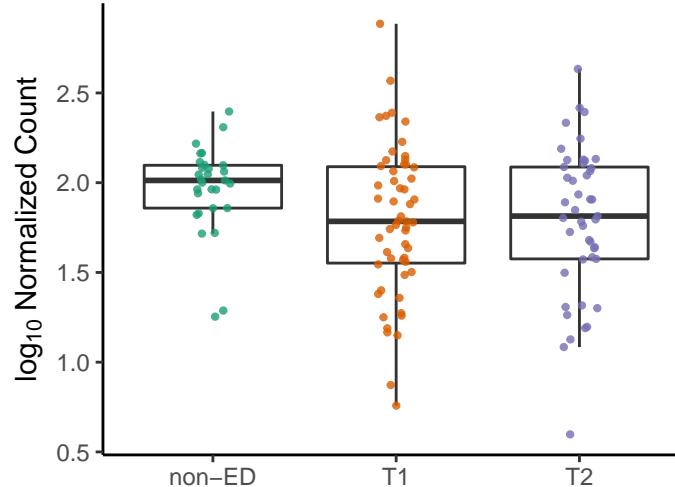
### *Aeromonas media*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.86



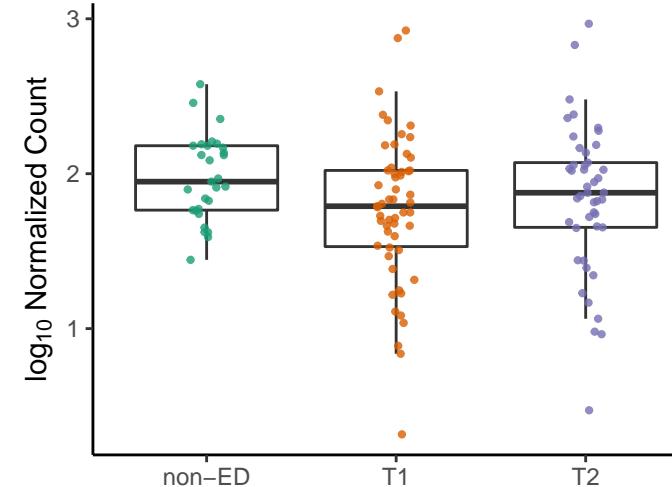
### *Photobacterium damselae*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.98



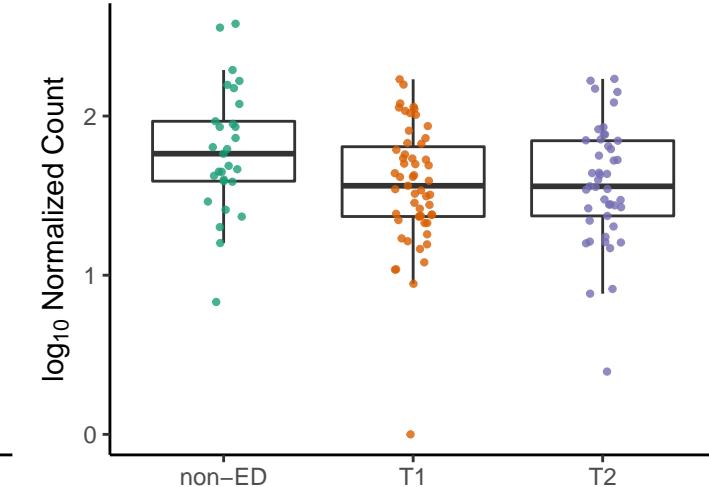
### *Rhizobium* sp. ACO-34A

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



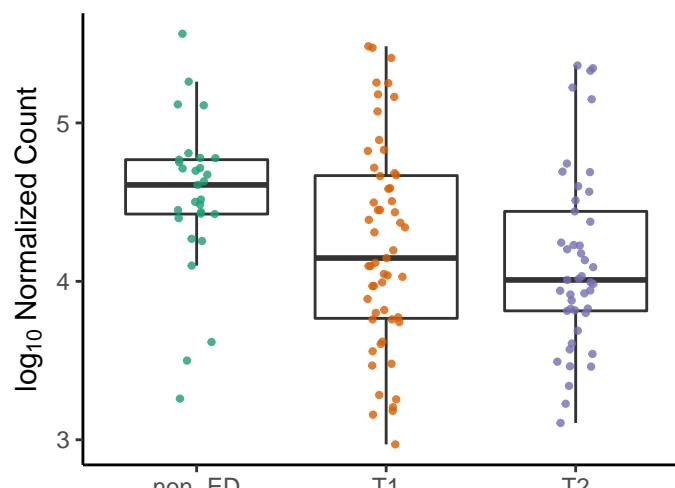
### *Xenorhabdus poinarii*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.95



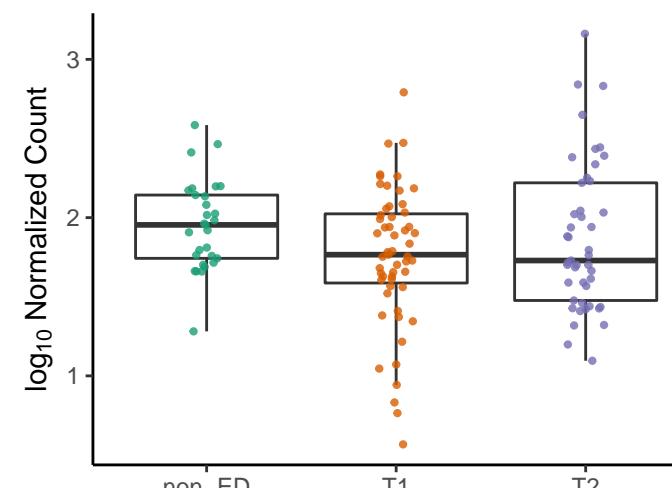
### *Lachnospira eligens*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0099  
 T1 vs. T2 adjusted p = 0.85



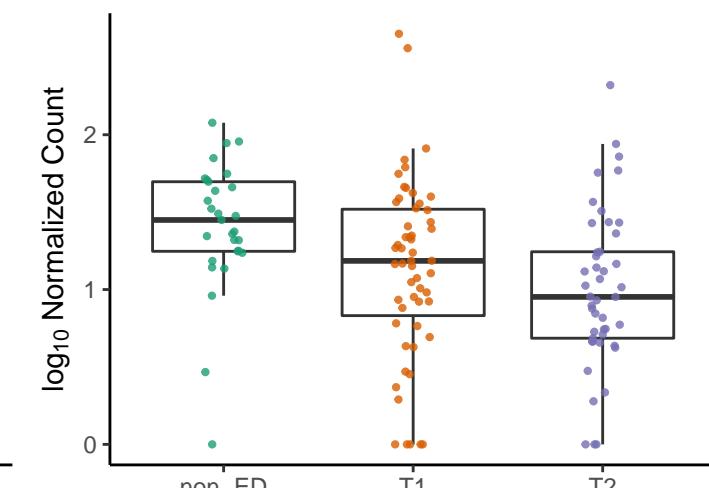
### *Azotobacter vinelandii*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



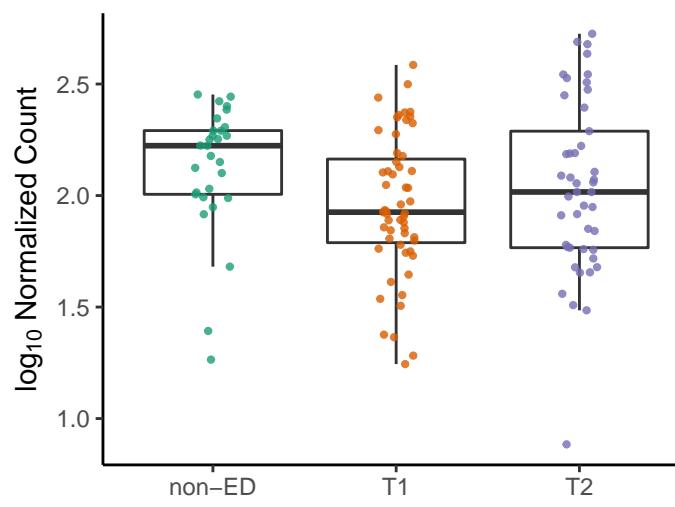
### *Methanothermus fervidus*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0053  
 T1 vs. T2 adjusted p = 0.85



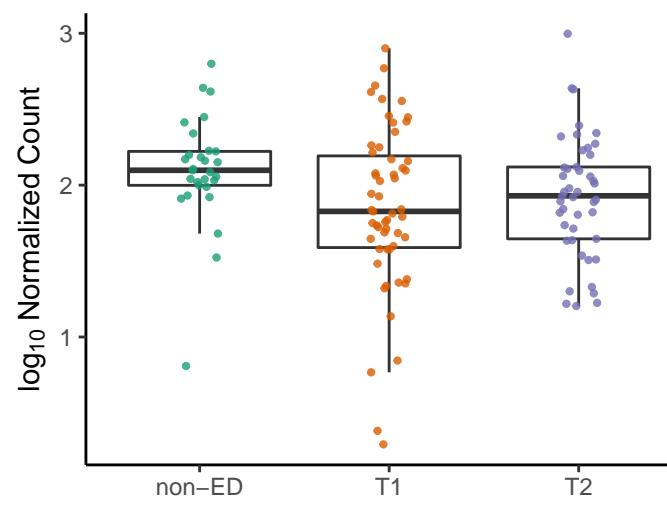
### *Terribacillus goriensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.34  
 T1 vs. T2 adjusted p = 0.85



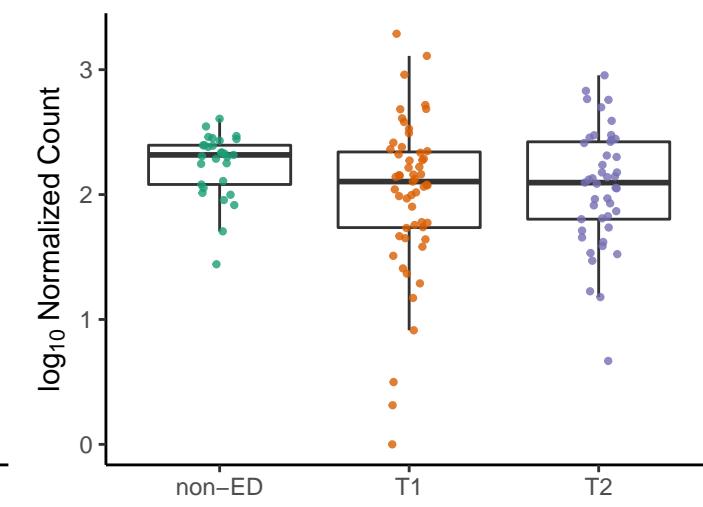
### *Bradyrhizobium lablabi*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.85



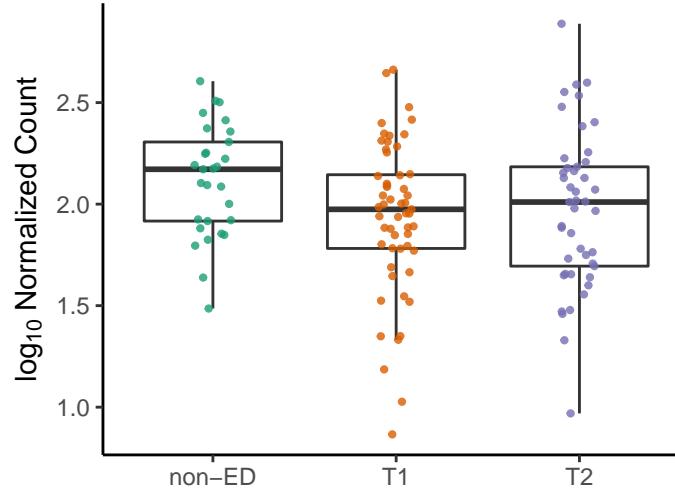
### *Deinococcus swuensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.85



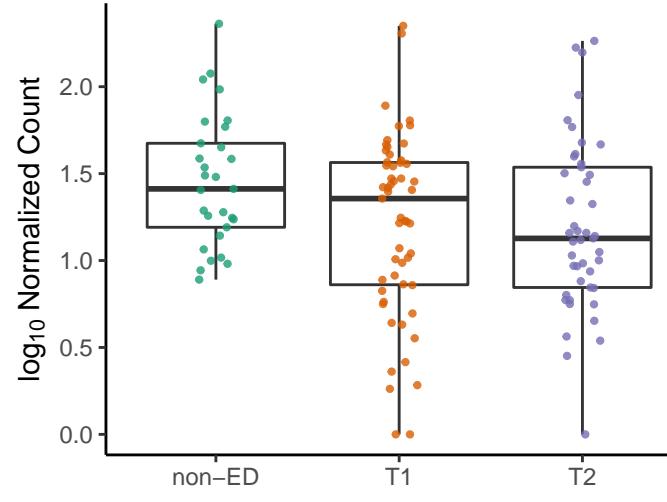
### *Dickeya paradisiaca*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



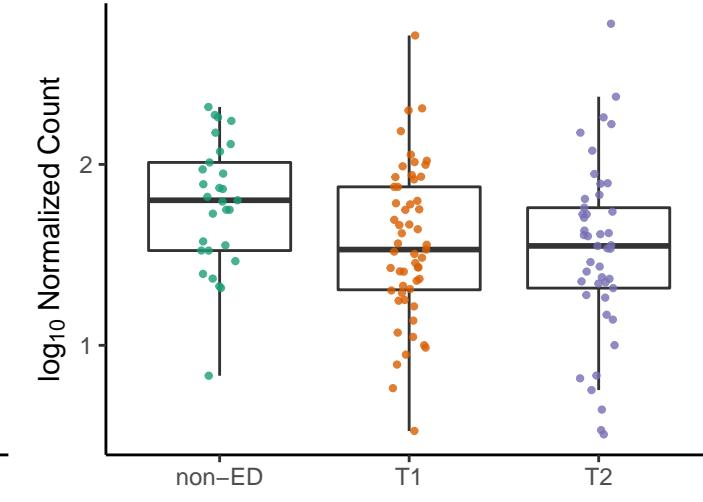
### *Dietzia sp. oral taxon 368*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.96



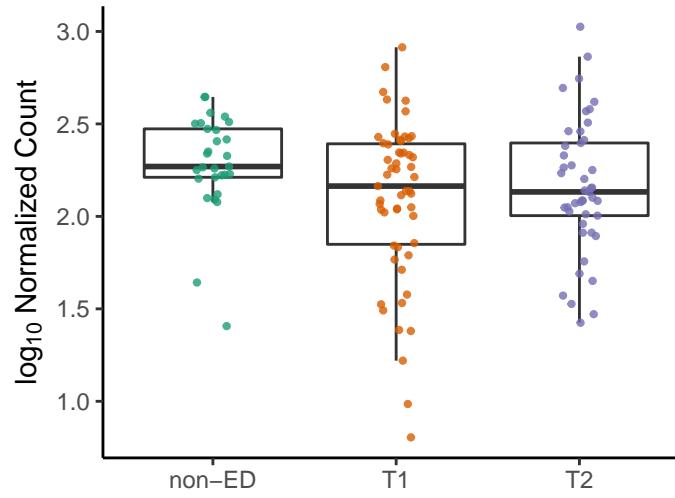
### *Staphylococcus muscae*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



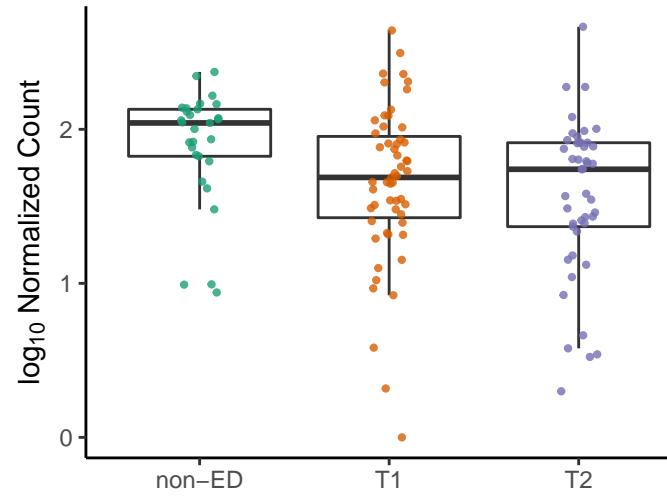
### *Desulfurispirillum indicum*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



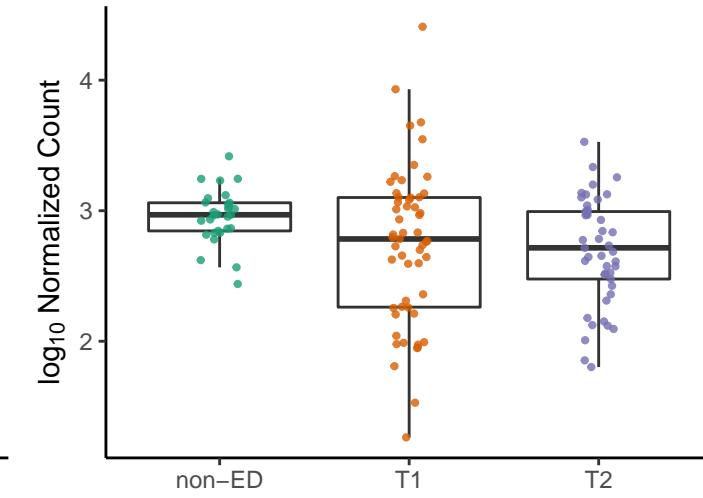
### *Kordia sp. SMS9*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



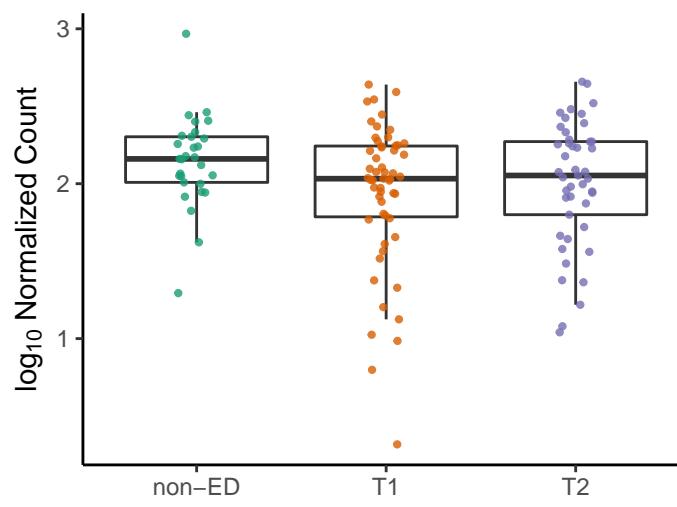
### *Desulfovibrio desulfuricans*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.98



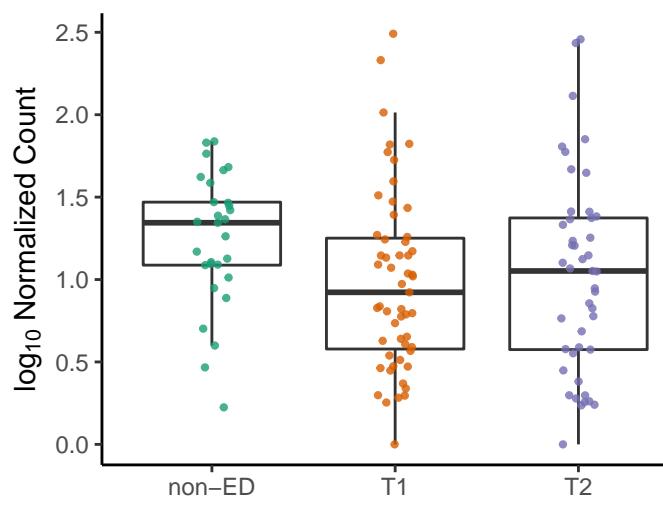
### *Hymenobacter jejuensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



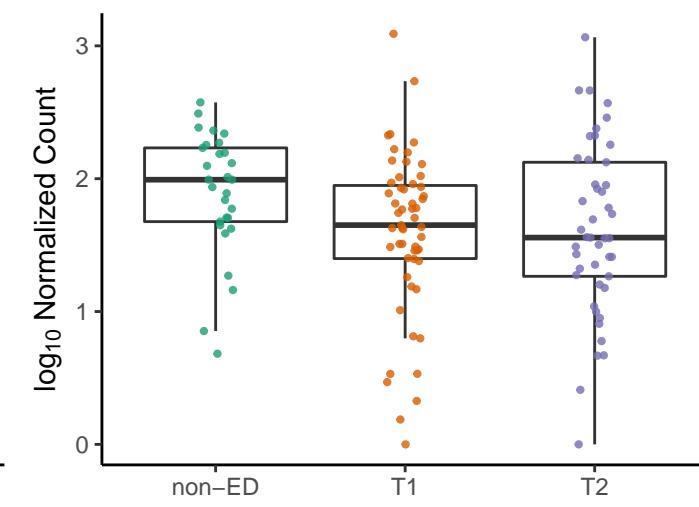
### *Stygiolobus azoricus*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 1



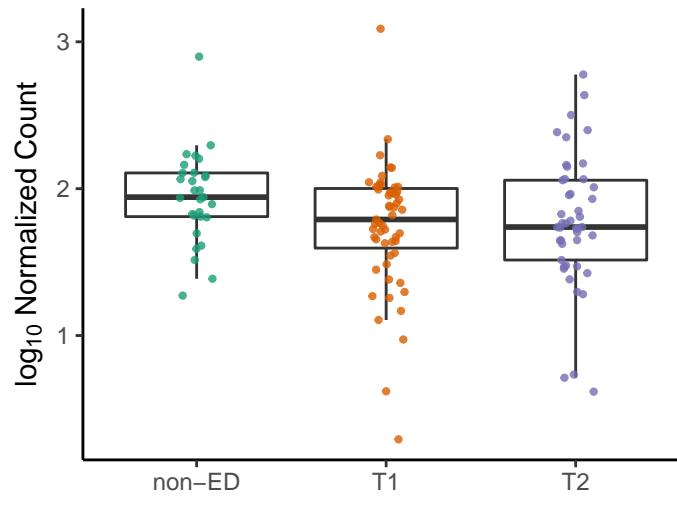
### *Lysobacter oculi*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.91



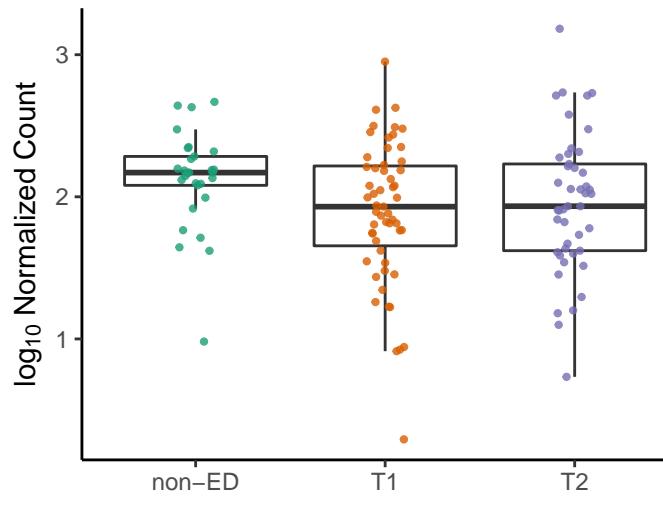
### *Pseudomonas saudiphocaensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



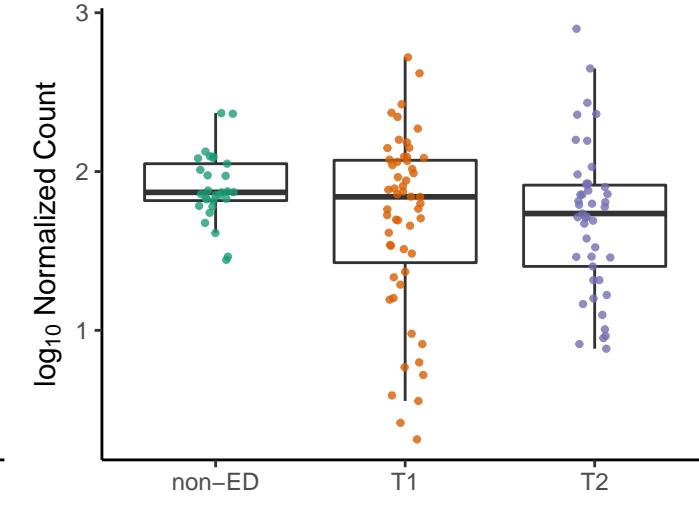
### *Streptomyces griseoviridis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



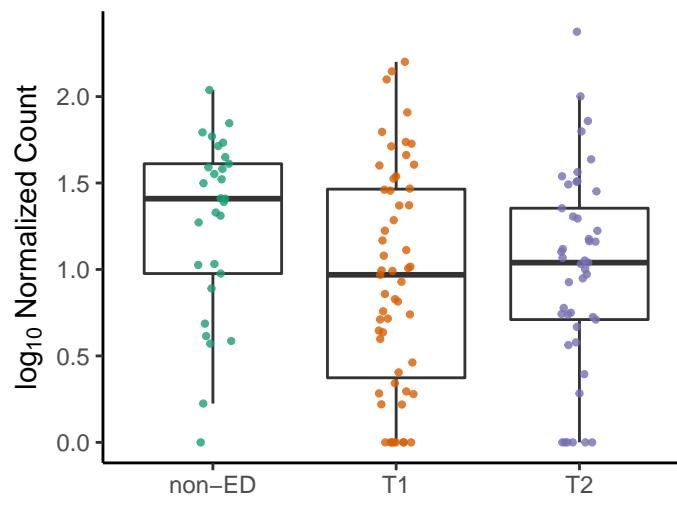
### Unclassified Comamonas Genus

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.91



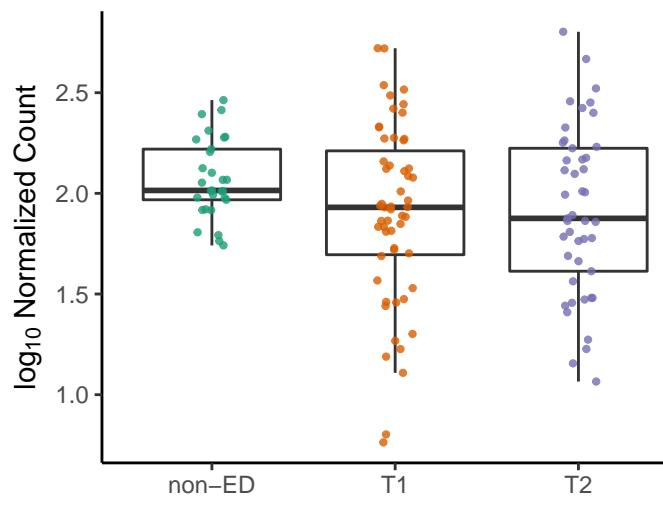
### *Chromobacterium rhizoryzae*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.94



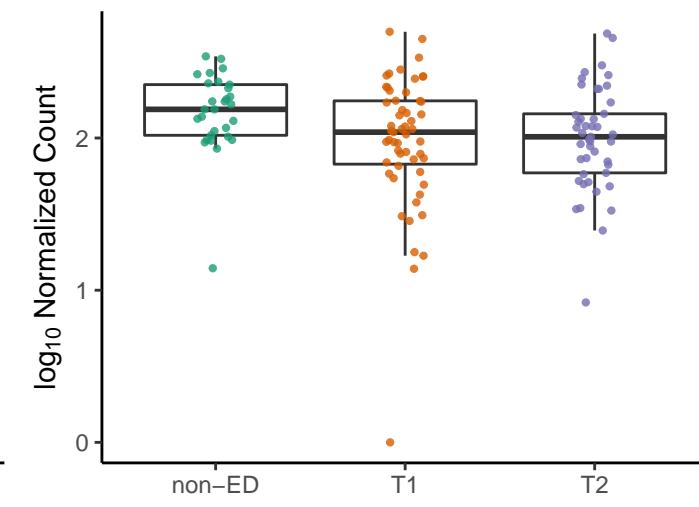
### *Devosia* sp. I507

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.95



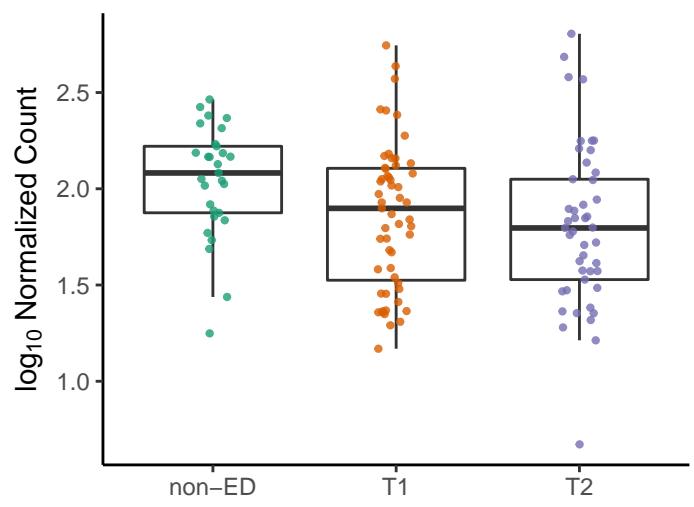
### *Nesterenkonia* sp. NBAIMH1

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.91



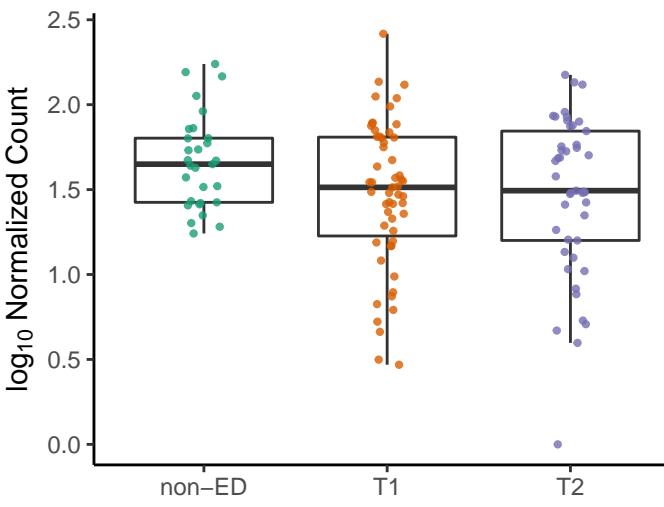
### *Sporosarcina psychrophila*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.88



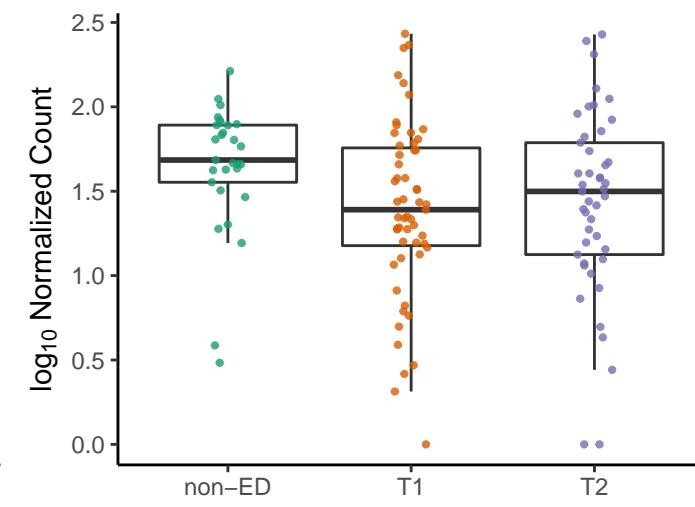
### *Rhodococcus erythropolis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 1



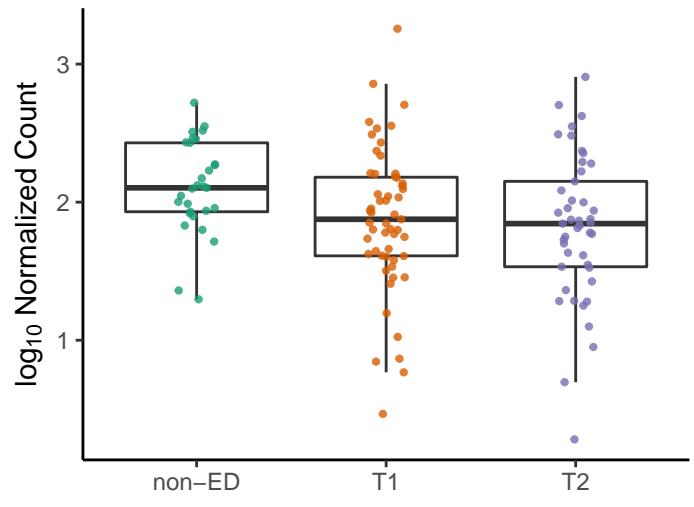
### *Sphingobium amiense*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.89



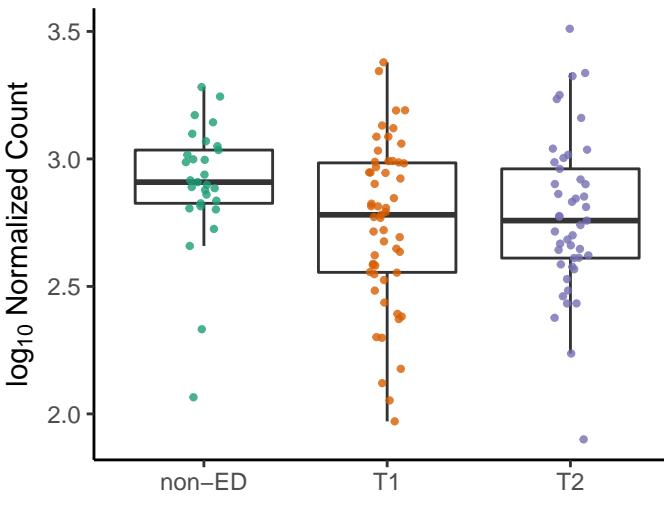
### *Phycicoccus dokdonensis*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.96



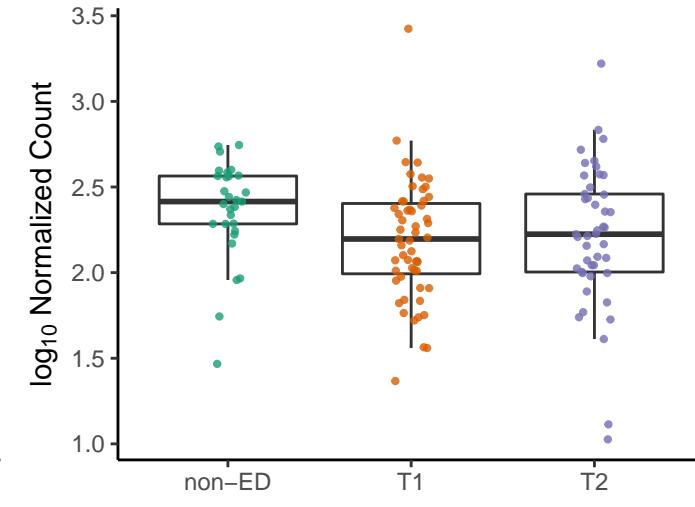
### *Thermclostridium stercorarium*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.87



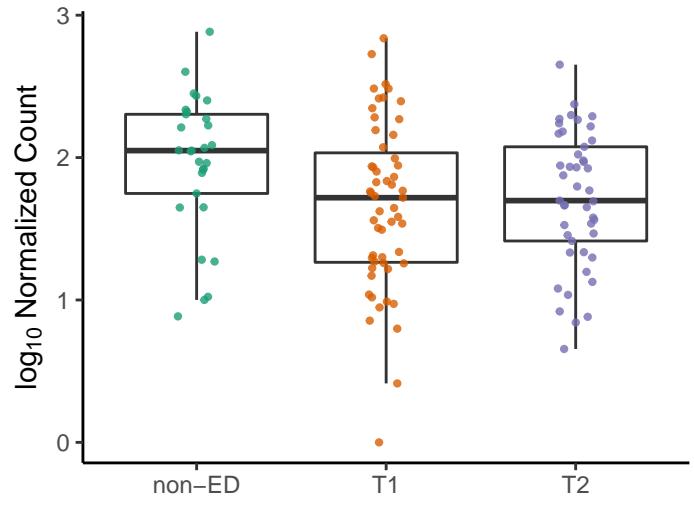
### *Paenibacillus sp. FSL R5-0345*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.92



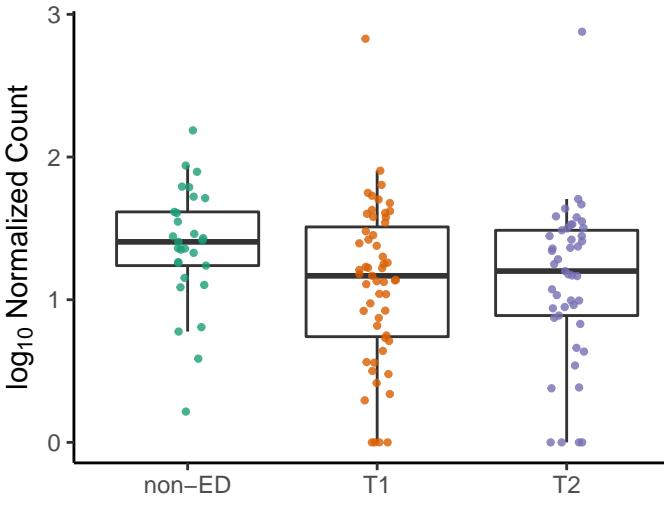
### *Oerskovia sp. KBS0722*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.89



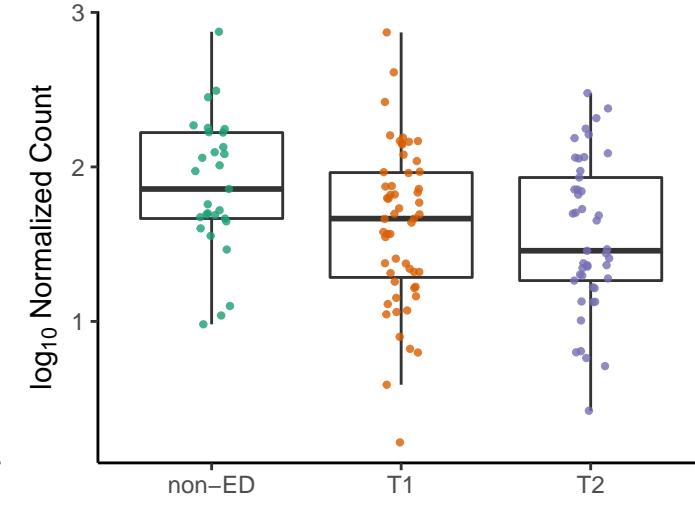
### *Exiguobacterium acetylicum*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.95



### *Micromonospora tulbaghiae*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 1

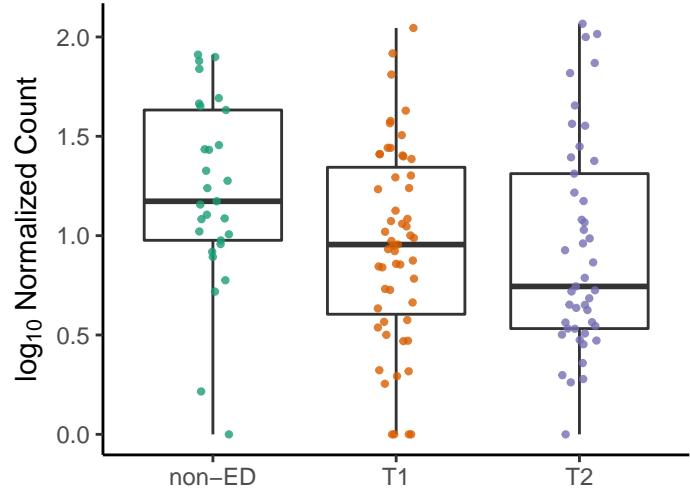


### *Wigglesworthia glossinidia*

non-ED vs. T1 adjusted p = 0.035

non-ED vs. T2 adjusted p = 0.04

T1 vs. T2 adjusted p = 0.95

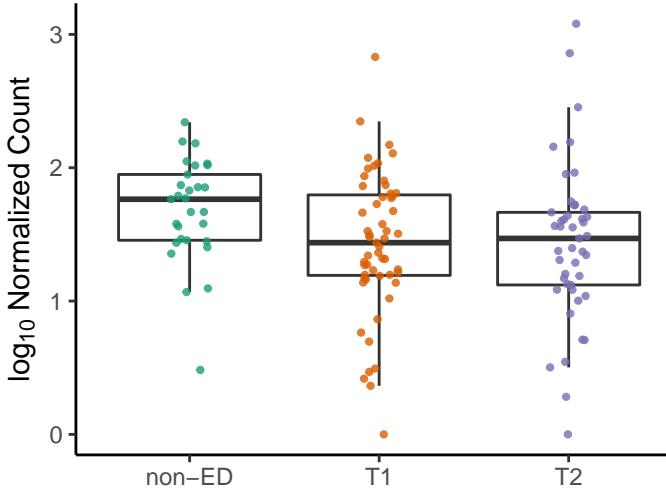


### *Xanthomonas hortorum*

non-ED vs. T1 adjusted p = 0.035

non-ED vs. T2 adjusted p = 0.058

T1 vs. T2 adjusted p = 0.95

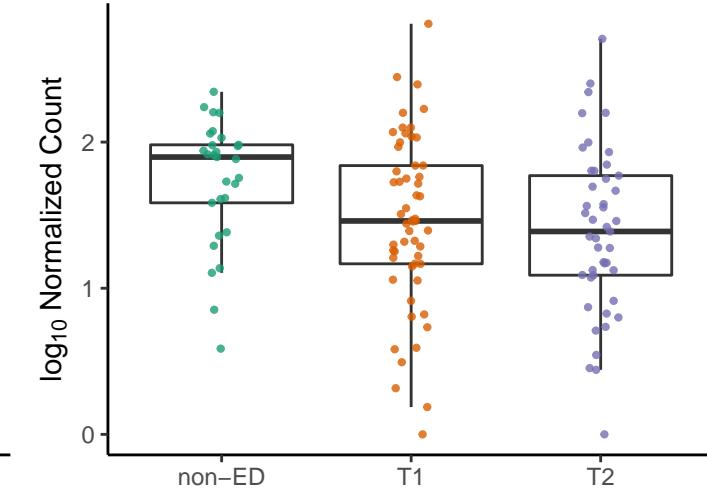


### *Sphingobium herbicidovorans*

non-ED vs. T1 adjusted p = 0.035

non-ED vs. T2 adjusted p = 0.018

T1 vs. T2 adjusted p = 0.95

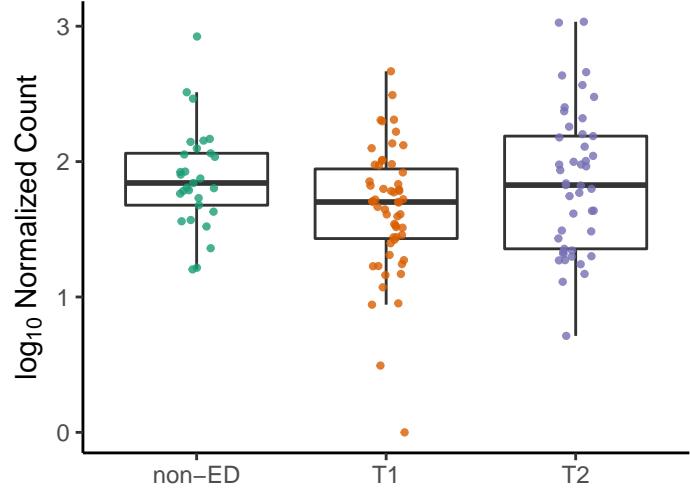


### *Georhizobium profundi*

non-ED vs. T1 adjusted p = 0.035

non-ED vs. T2 adjusted p = 0.79

T1 vs. T2 adjusted p = 0.75

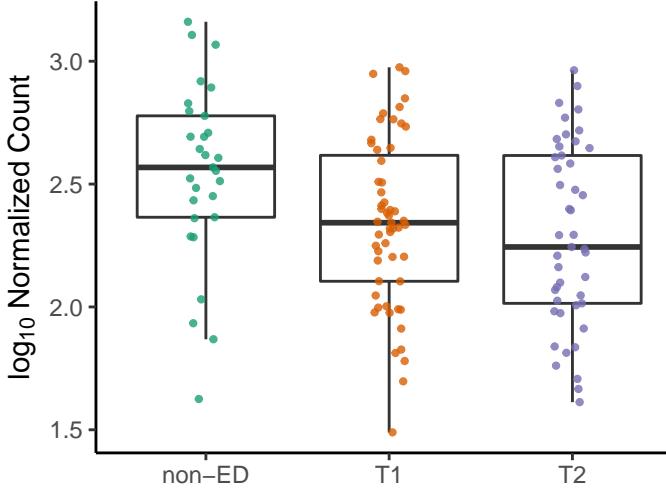


### *Clostridiaceae bacterium 14S0207*

non-ED vs. T1 adjusted p = 0.035

non-ED vs. T2 adjusted p = 0.02

T1 vs. T2 adjusted p = 0.85

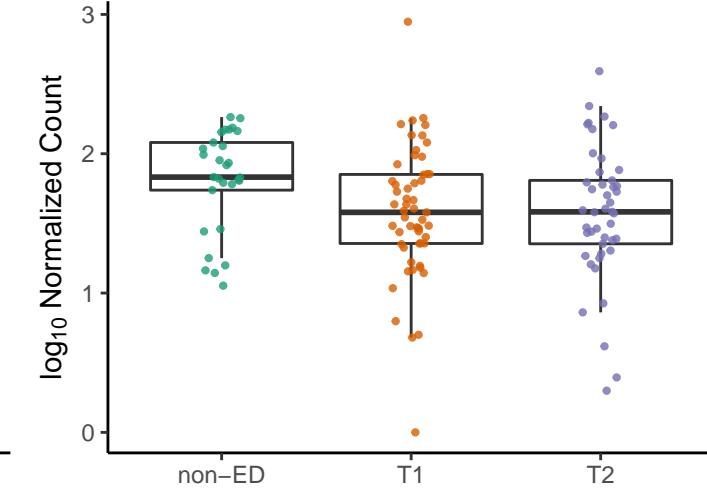


### *Sulfurimonas gotlandica*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.045

T1 vs. T2 adjusted p = 0.98

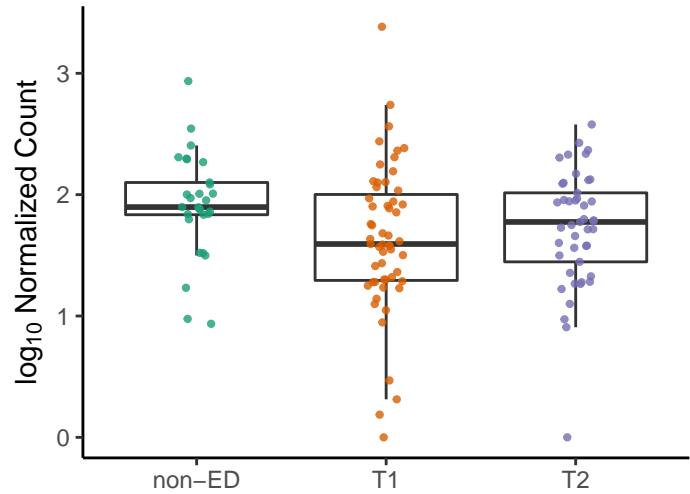


### *Microbacterium wangchenii*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.12

T1 vs. T2 adjusted p = 0.85

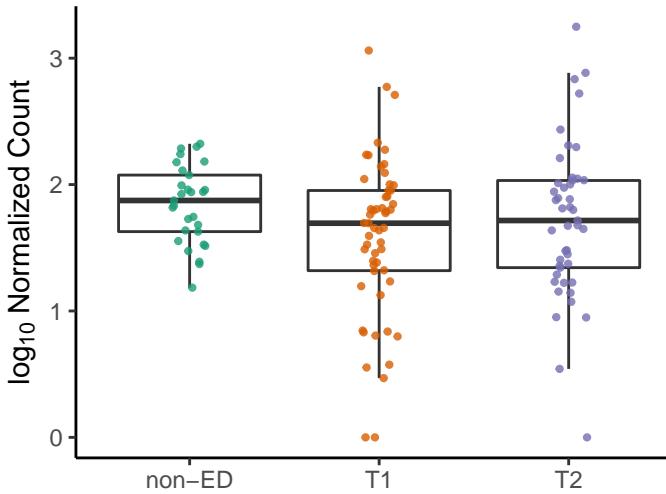


### *Corynebacterium sp. 2184*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.29

T1 vs. T2 adjusted p = 0.85

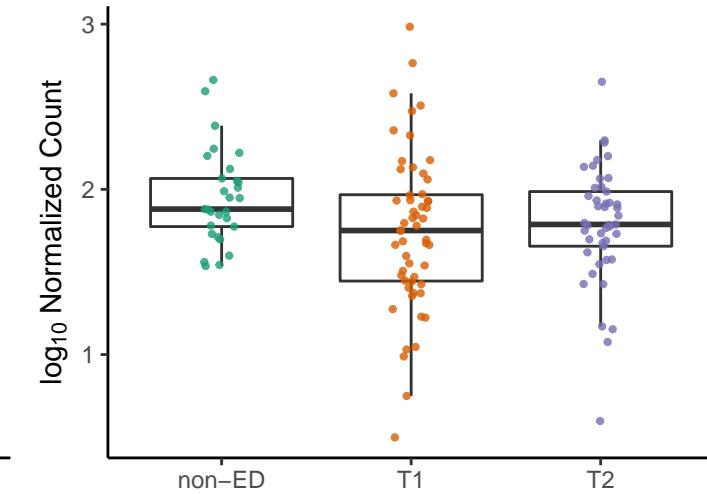


### *Cronobacter dublinensis*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.064

T1 vs. T2 adjusted p = 0.85

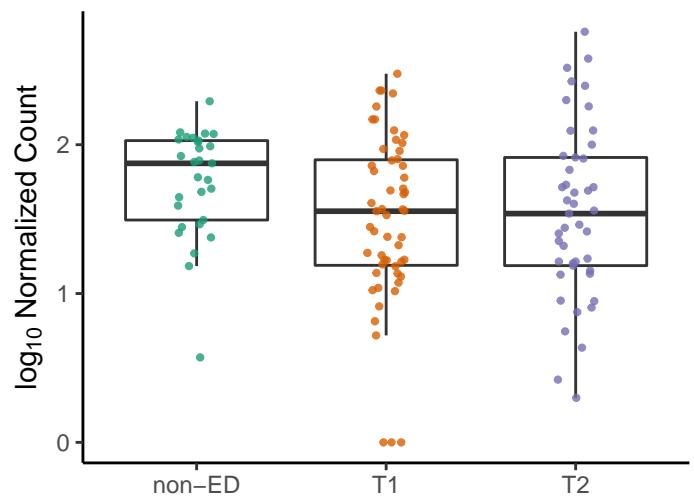


### *Mycobacterium stomatepiae*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.87

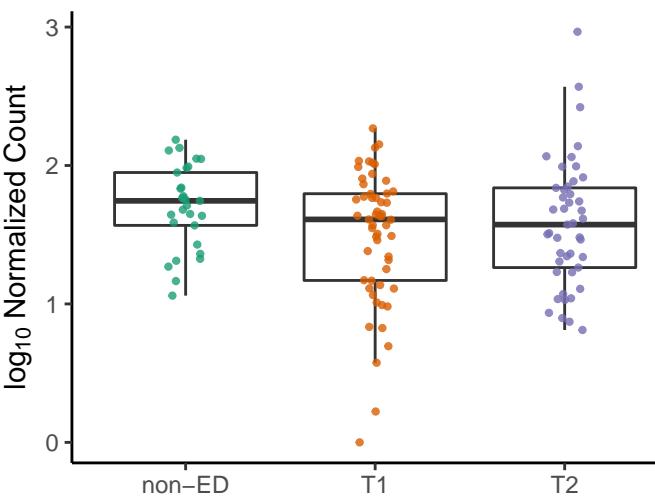


### *Methylomicrobium sp. wino1*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.22

T1 vs. T2 adjusted p = 0.85

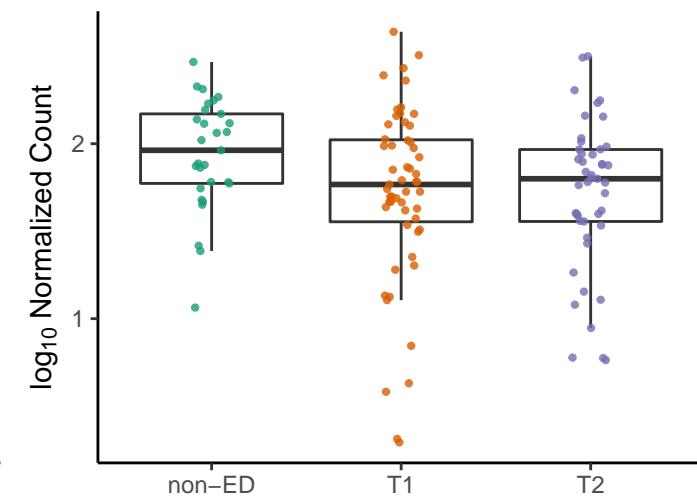


### *Mycobacterium sp. EPa45*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.034

T1 vs. T2 adjusted p = 0.93

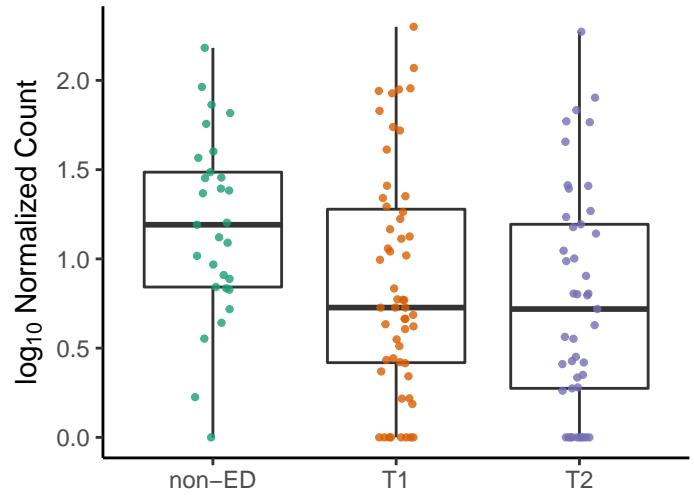


### *Rickettsia canadensis*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.013

T1 vs. T2 adjusted p = 0.85

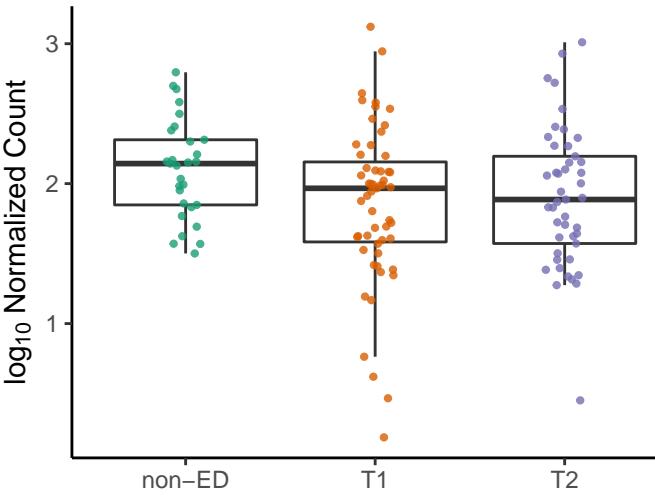


### *Caulobacter rhizosphaerae*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.083

T1 vs. T2 adjusted p = 0.85

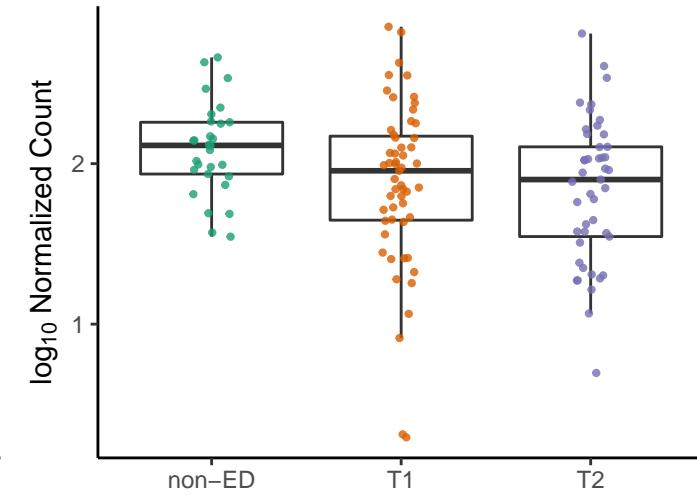


### *Hydrogenophaga sp. BPS33*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.017

T1 vs. T2 adjusted p = 0.99

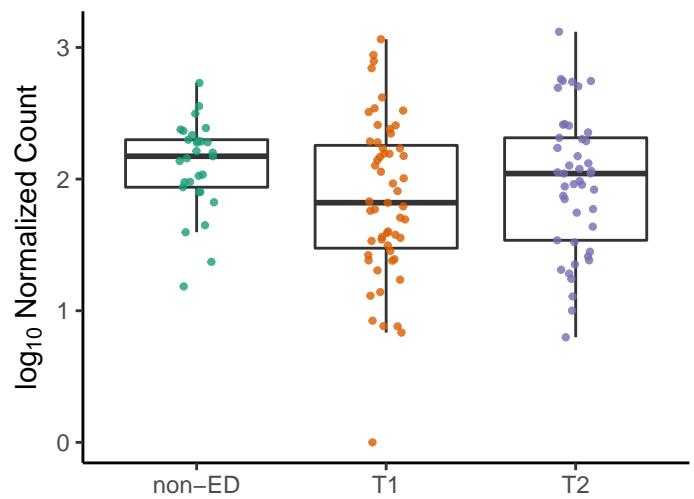


### *Xylanimonas allomyrinae*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.27

T1 vs. T2 adjusted p = 0.85

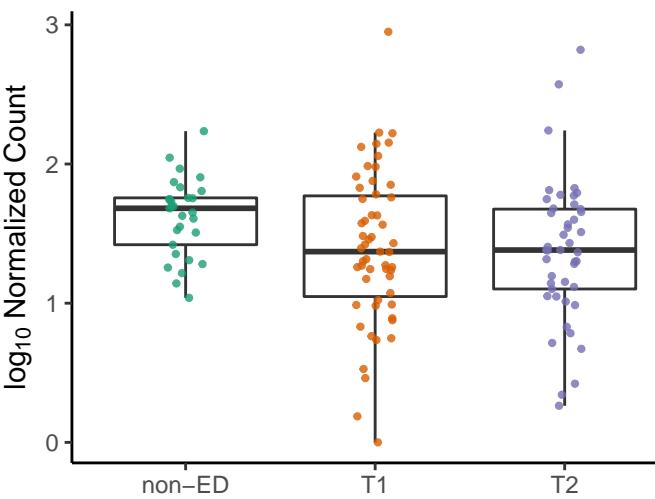


### *Actinobacillus pleuropneumoniae*

non-ED vs. T1 adjusted p = 0.036

non-ED vs. T2 adjusted p = 0.03

T1 vs. T2 adjusted p = 0.95

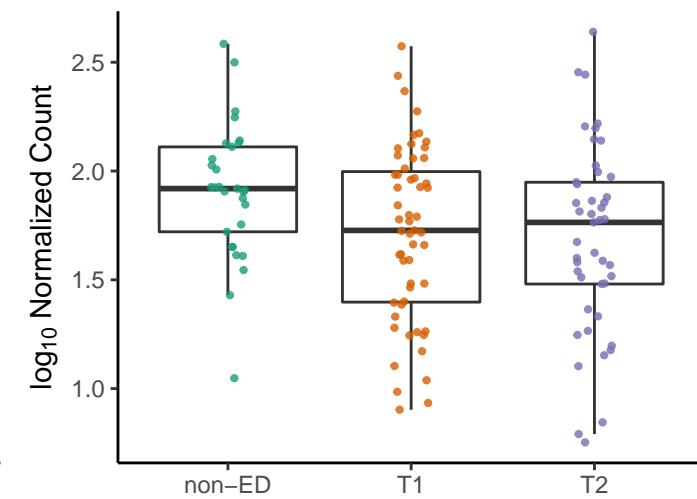


### *Brachyspira hampsonii*

non-ED vs. T1 adjusted p = 0.036

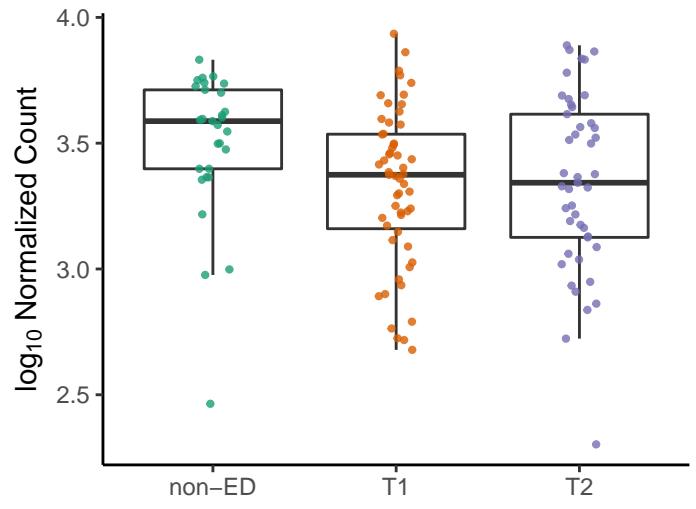
non-ED vs. T2 adjusted p = 0.035

T1 vs. T2 adjusted p = 0.95



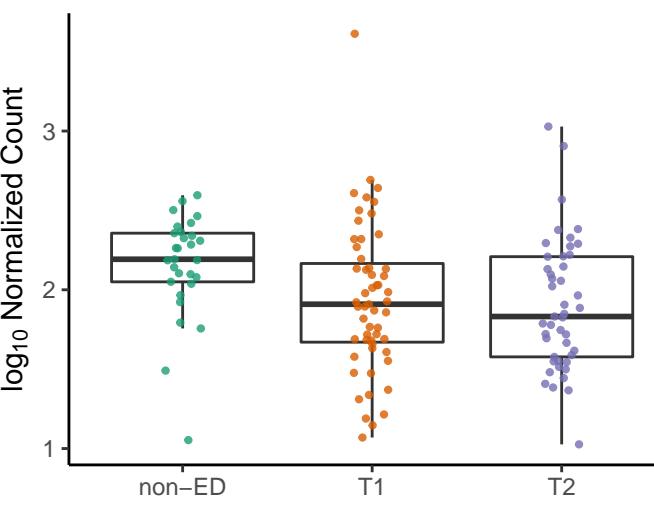
### *Butyrivibrio fibrisolvens*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.93



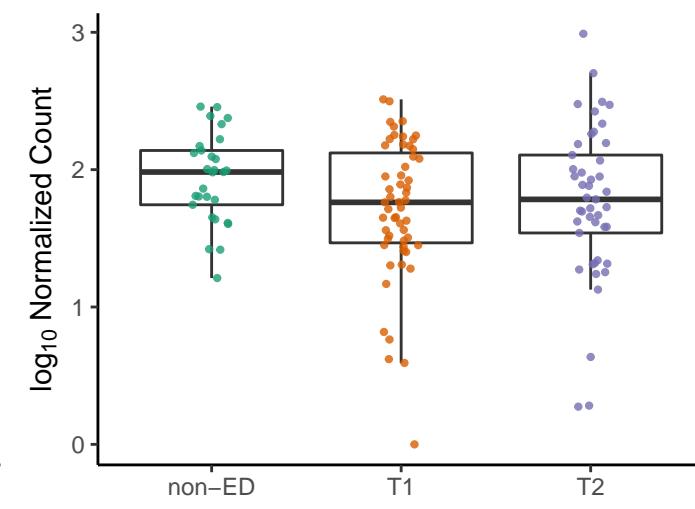
### *Lactobacillus jensenii*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.85



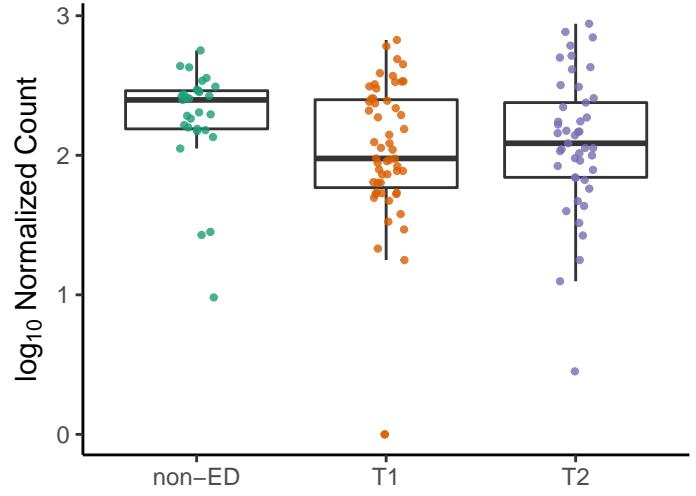
### *Luteimonas* sp. YGD11–2

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



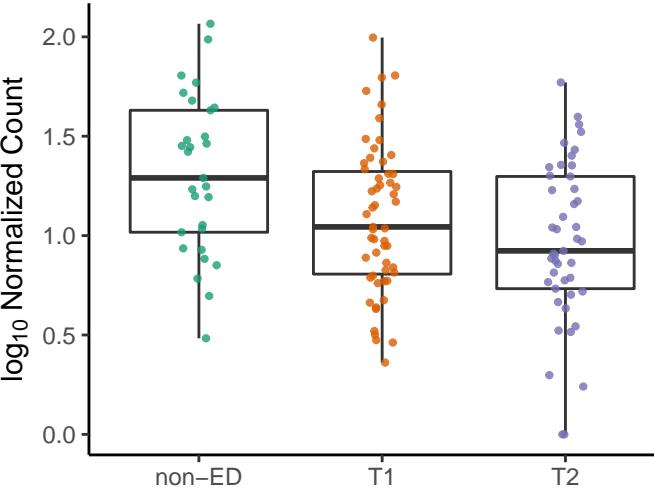
### *Massilia flava*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



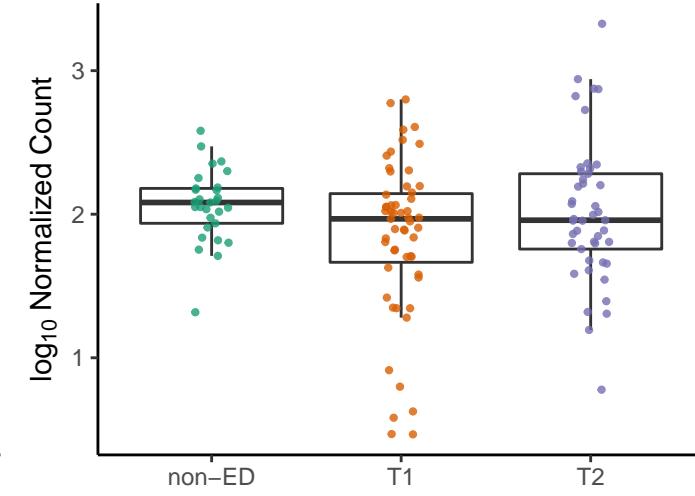
### *Shewanella putrefaciens*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.007  
 T1 vs. T2 adjusted p = 0.85



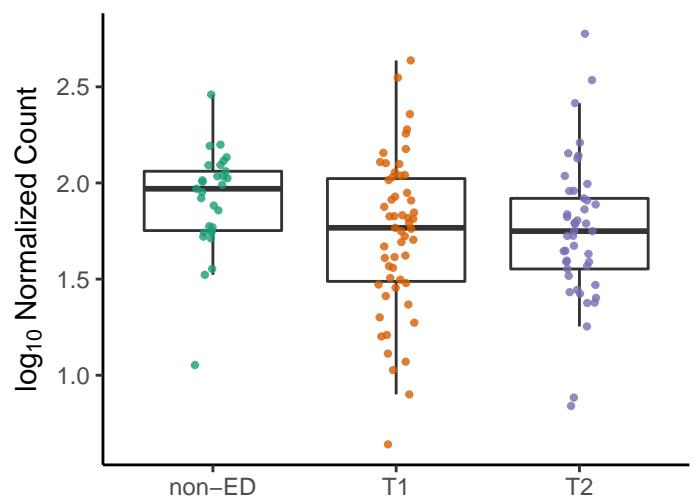
### *Hyphomicrobium denitrificans*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.62  
 T1 vs. T2 adjusted p = 0.85



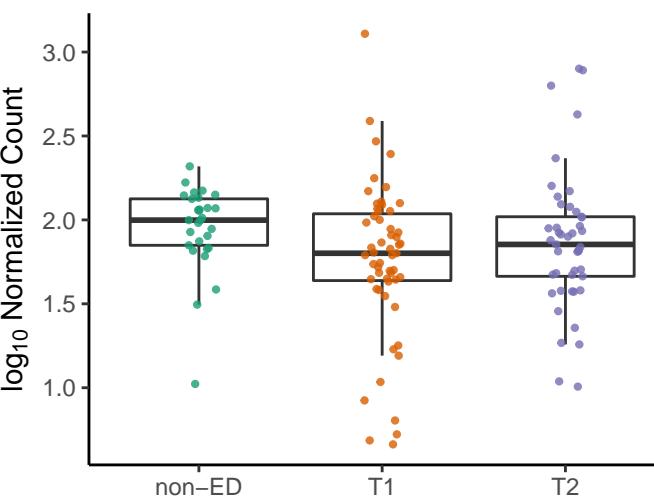
### *Photobacterium gaetbulicola*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.98



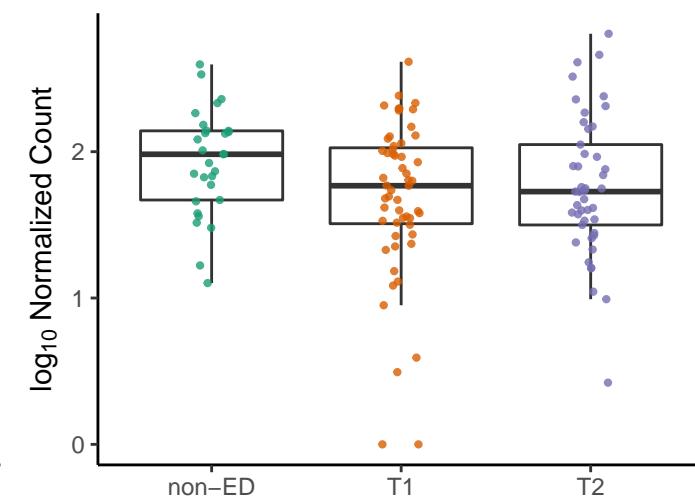
### *Halomonas huangheensis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.85



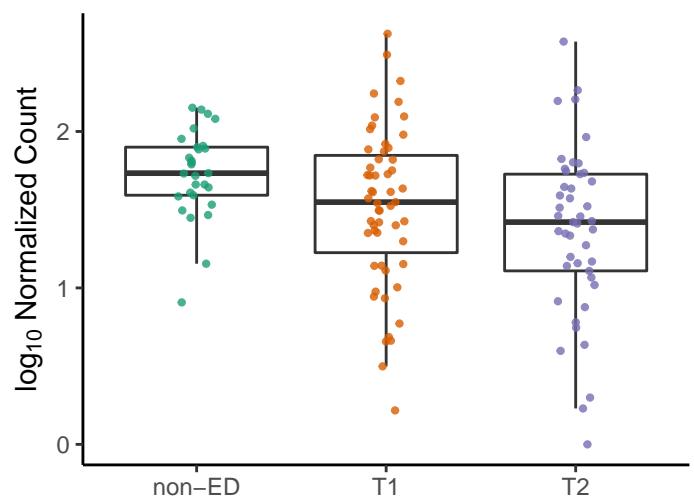
### *Cryobacterium* sp. GCJ02

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



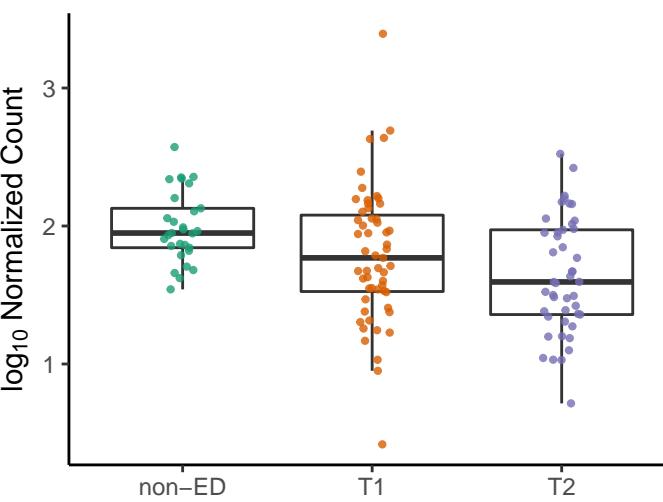
### *Legionella anisa*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.85



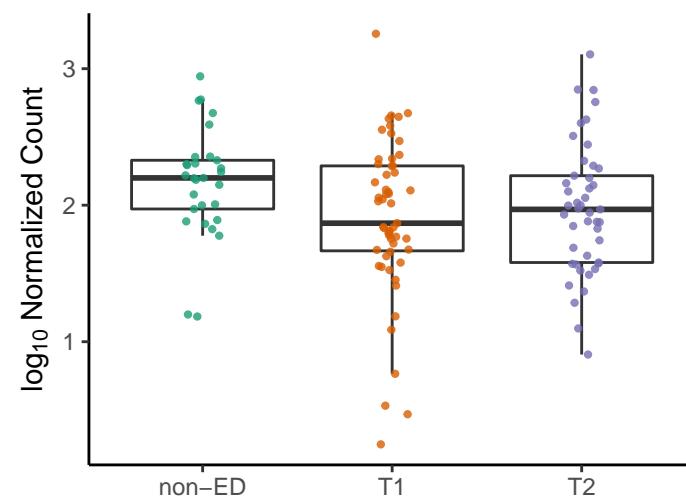
### *Enterobacter sp. 638*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.0021  
 T1 vs. T2 adjusted p = 0.85



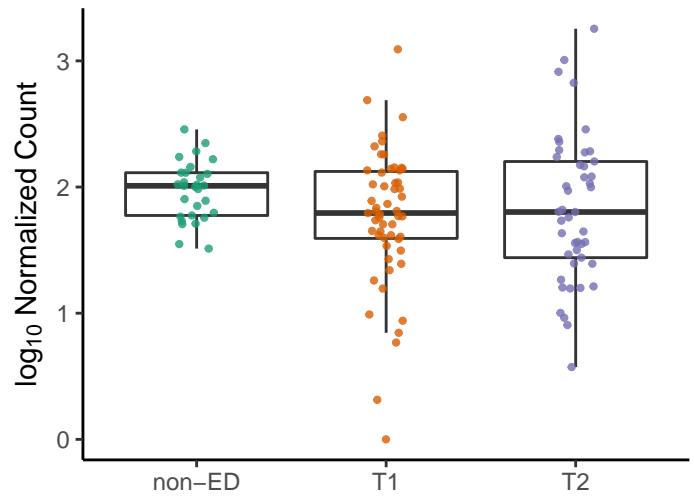
### *Cellulosimicrobium cellulans*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



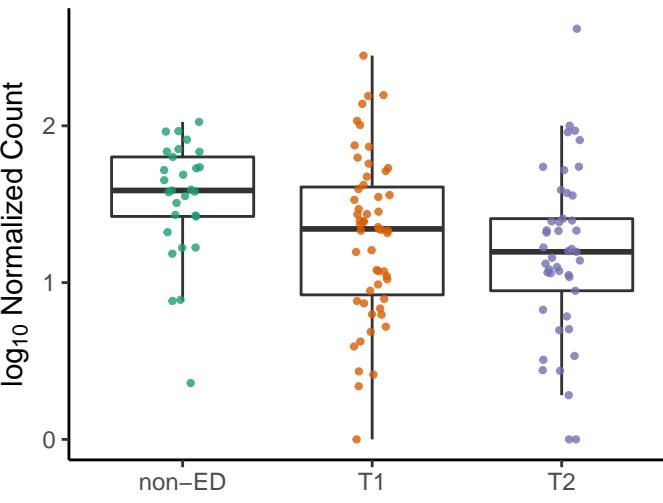
### *Leifsonia sp. 21MFCrub1.1*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



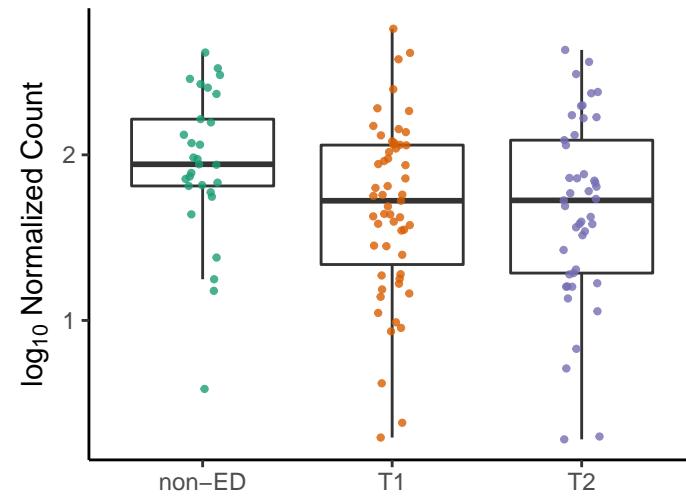
### *Lysobacter sp. HDW10*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



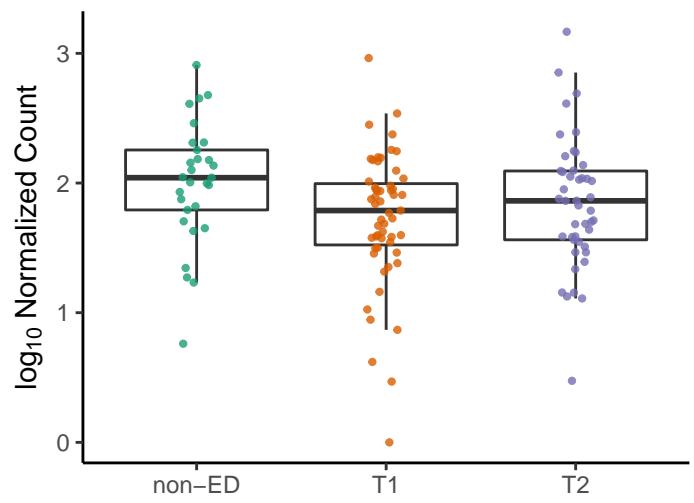
### *Paraburkholderia sp. CCGE1002*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.95



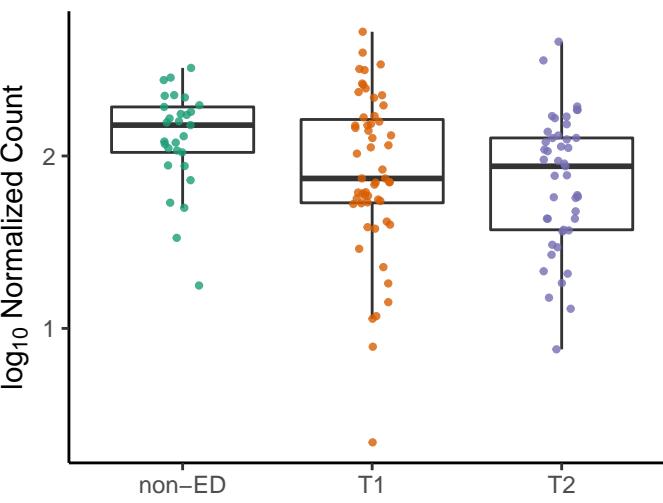
### *Ketogulonicigenium robustum*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.84



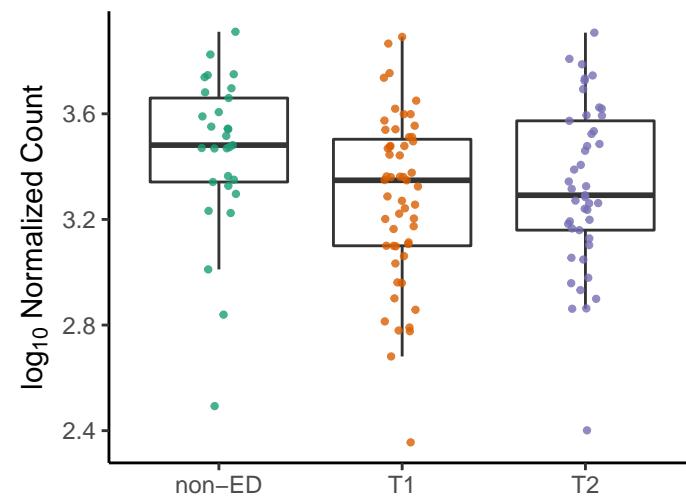
### *Tetrapisispora blattae*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



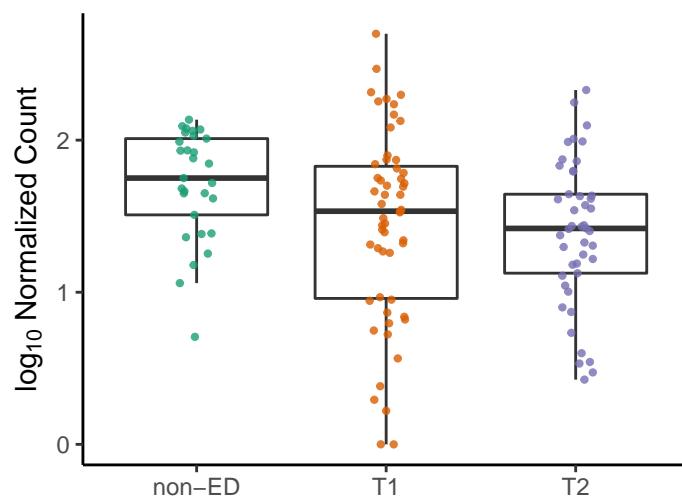
### *Butyrivibrio proteoclasticus*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



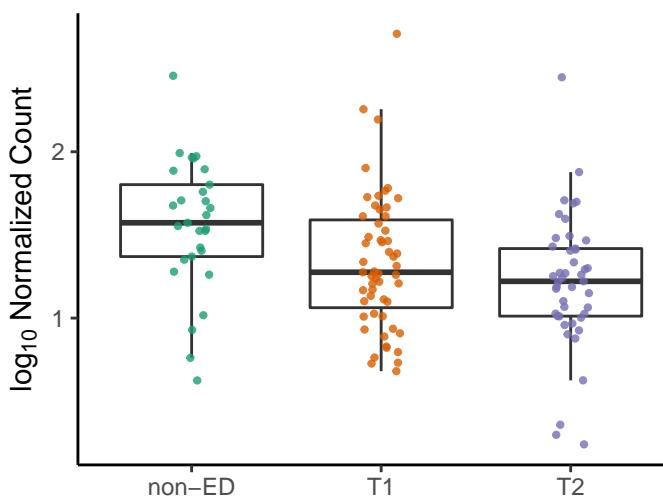
### *Sphingopyxis* sp. PAMC25046

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.9



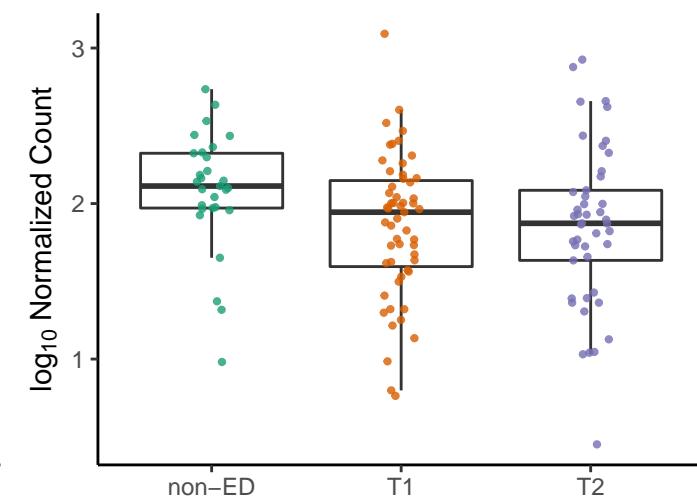
### *Shewanella donghaensis*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



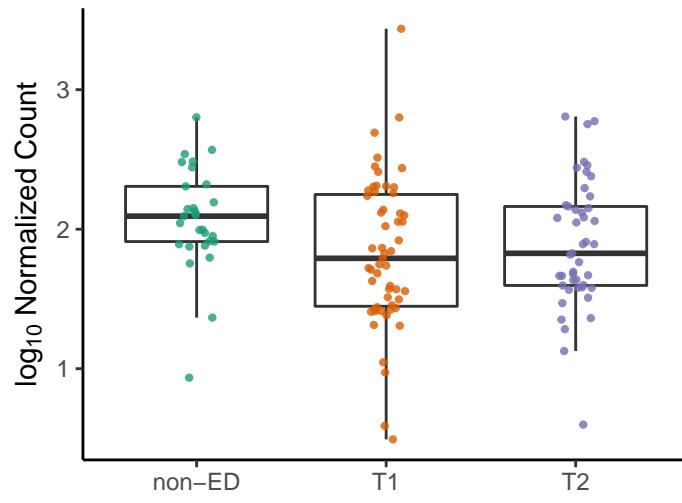
### *Sinorhizobium* sp. RAC02

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.97



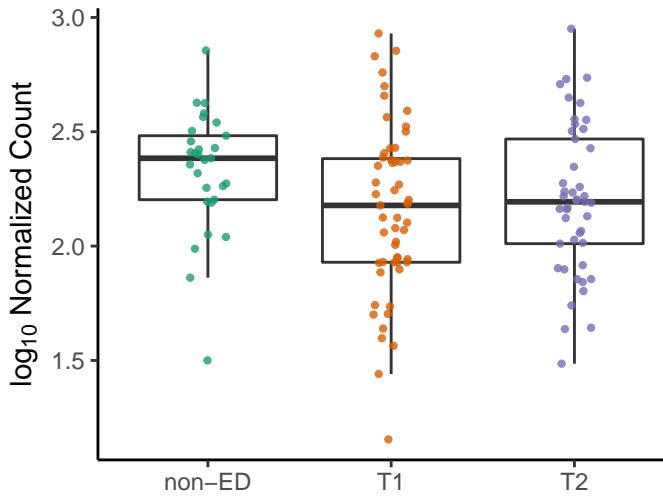
### *Streptomyces nitrosporeus*

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.85



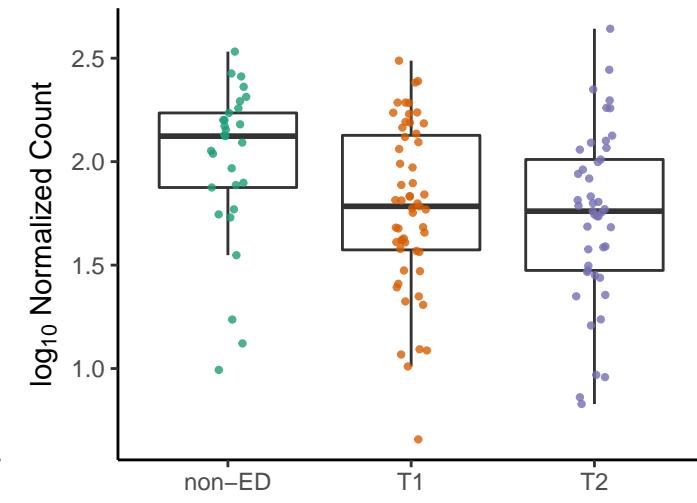
### *Bacillus* sp. NSP9.1

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



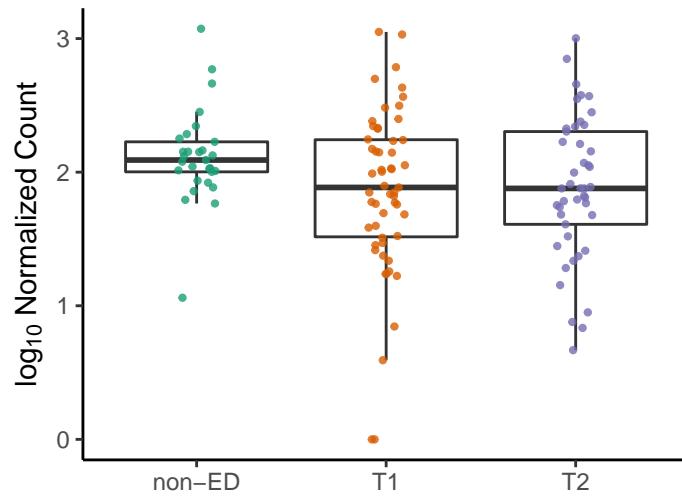
### Unclassified Bartonella Genus

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



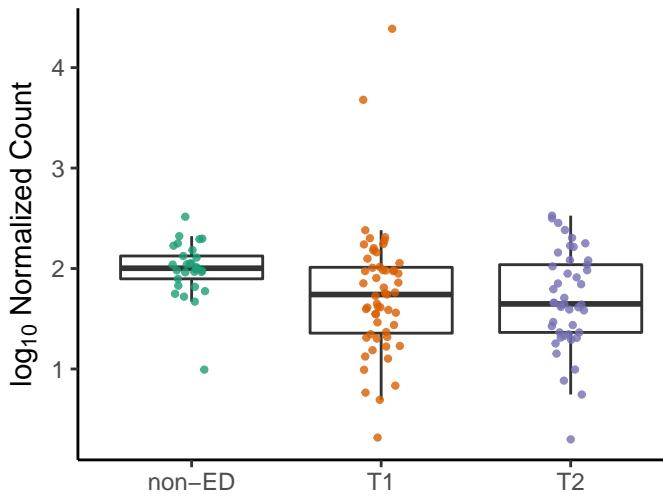
### *Amycolatopsis* sp. BJA-103

non-ED vs. T1 adjusted p = 0.036  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.86



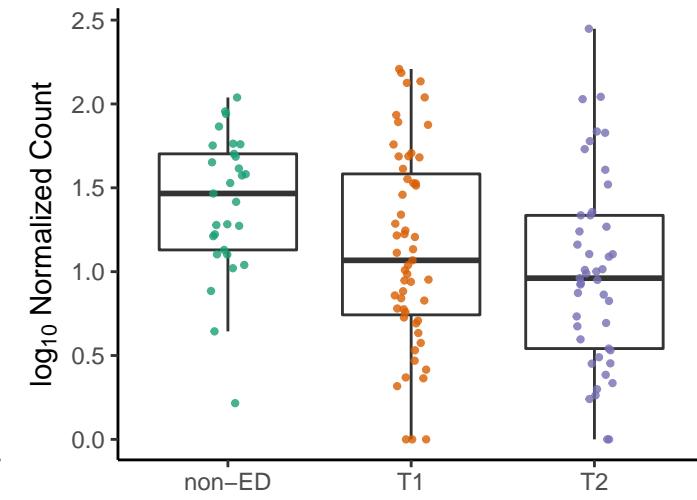
### *Comamonas kerstersii*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.87



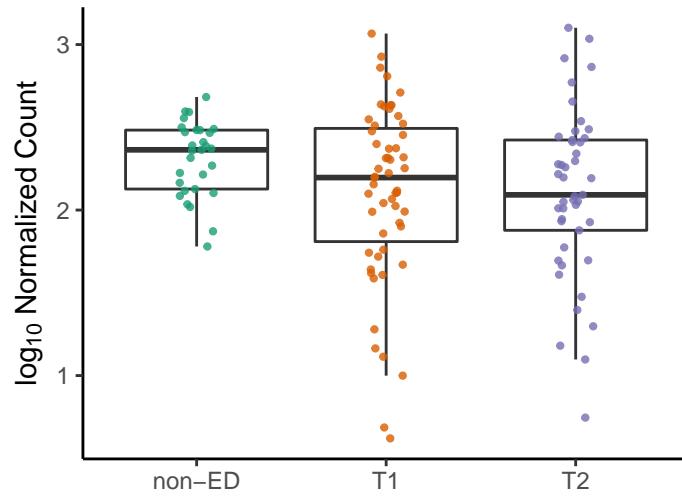
### Unclassified Syntrophomonadaceae Fa

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.0073  
 T1 vs. T2 adjusted p = 0.85



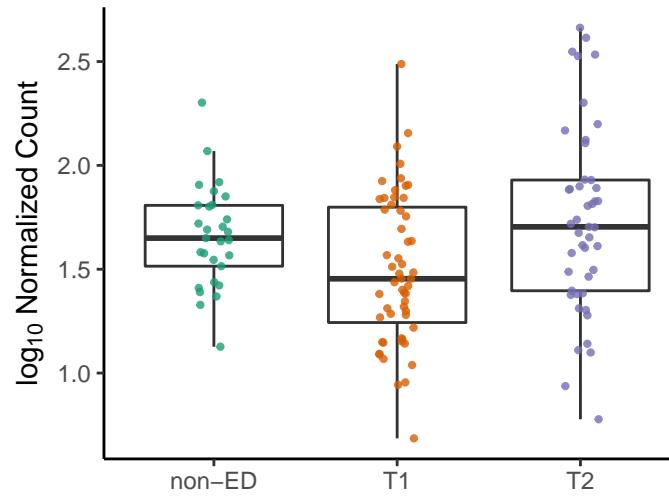
### *Stella humosa*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.9



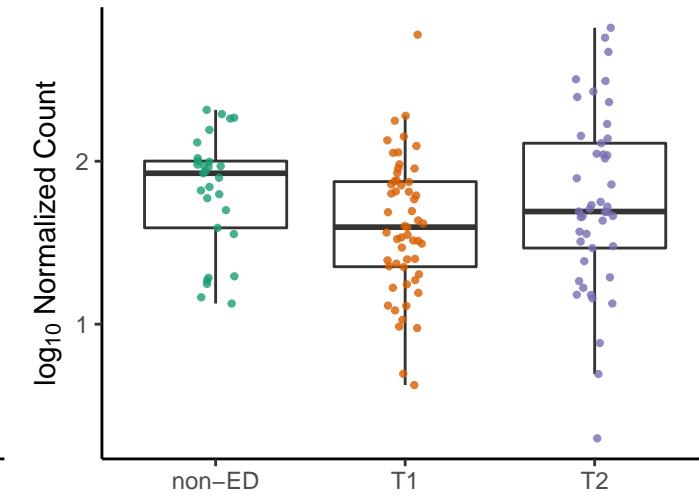
### *Acidithiobacillus thiooxidans*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.75



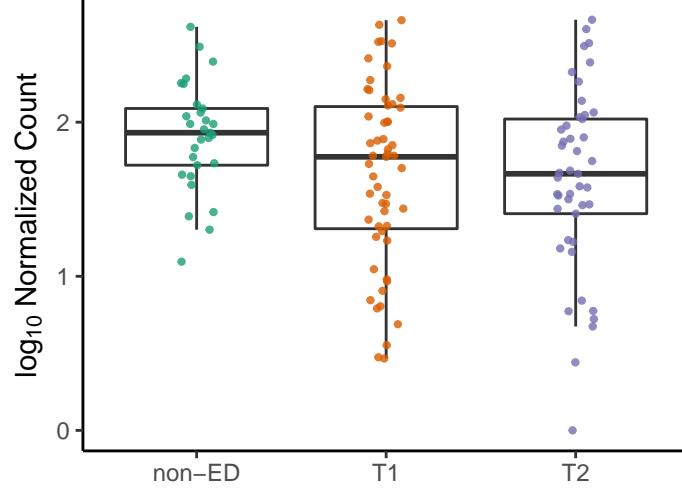
### *Agrobacterium rhizogenes*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.6  
 T1 vs. T2 adjusted p = 0.85



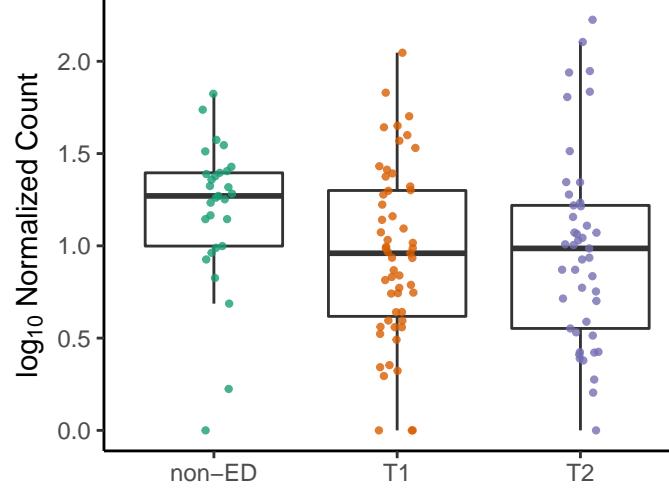
### *Leucobacter sp. DSM 101948*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.98



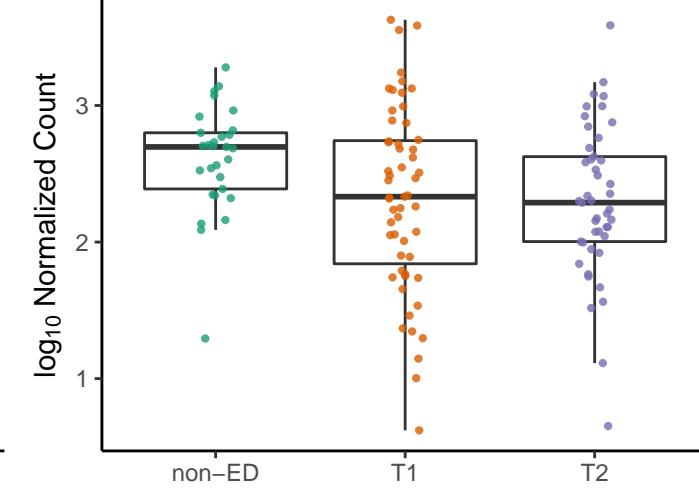
### *Planococcus kocurii*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.086  
 T1 vs. T2 adjusted p = 0.96



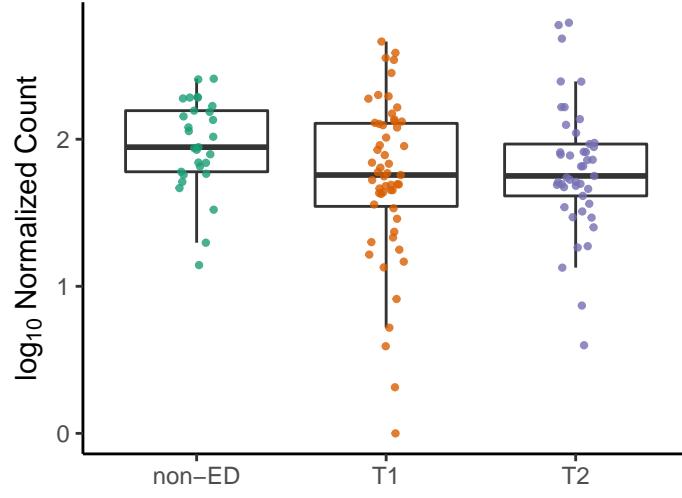
### *Streptococcus sp. oral taxon 431*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.95



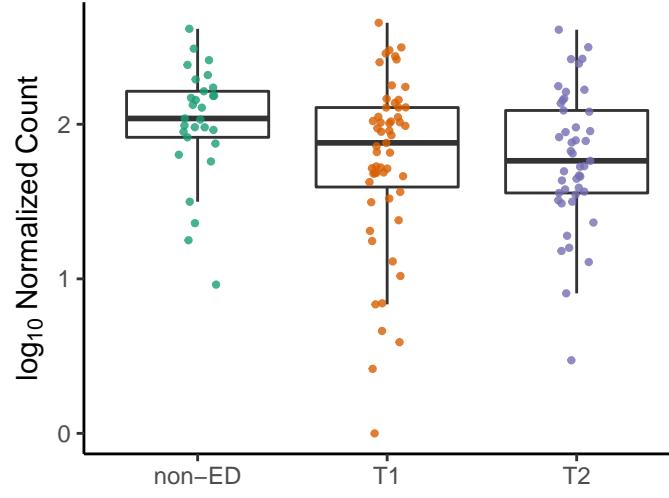
### Unclassified Acidiphilium Genus

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



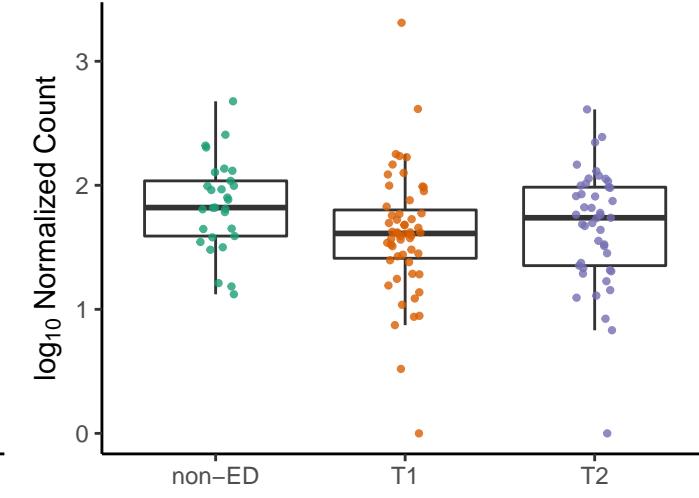
### *Polaromonas naphthalenivorans*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.93



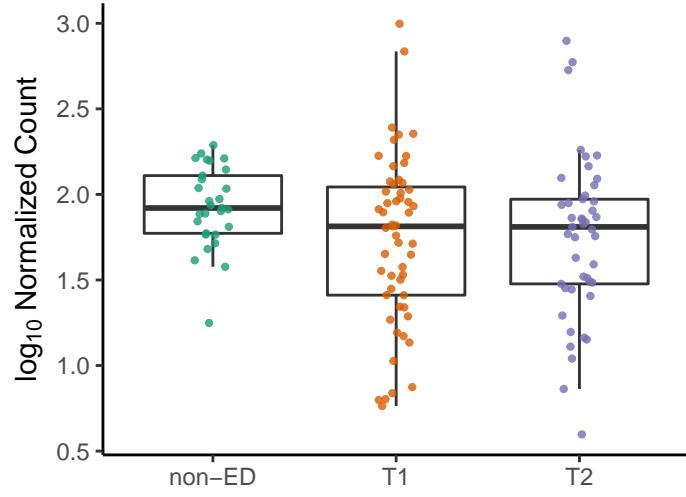
### *Marinobacter sp. CP1*

non-ED vs. T1 adjusted p = 0.037  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



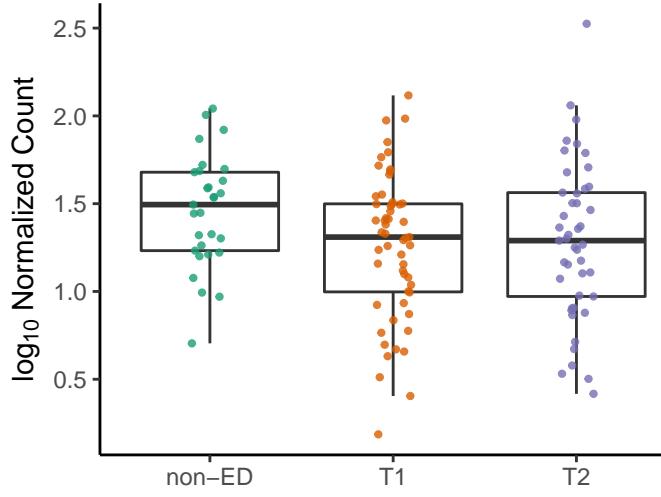
### Pontibacter sp. BT214

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.95



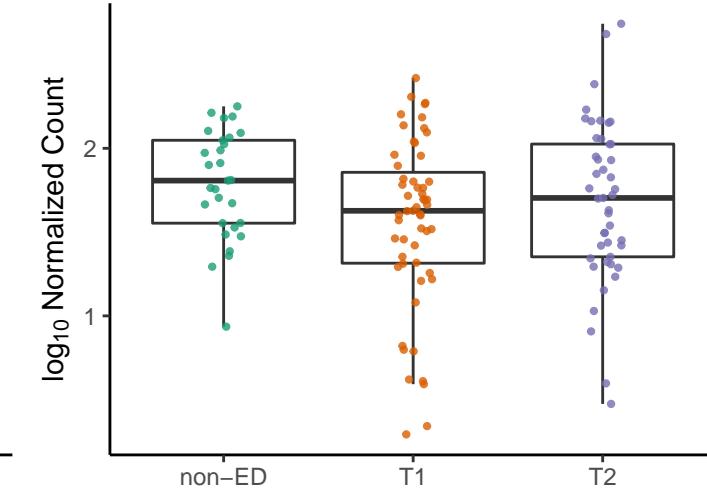
### Acinetobacter sp. LoGeW2-3

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.92



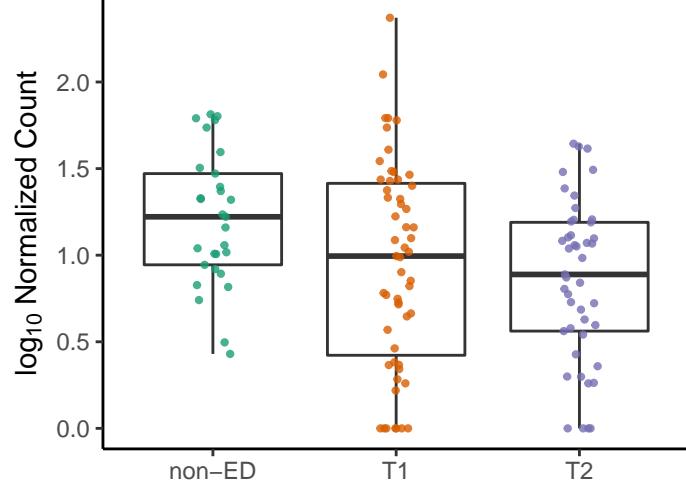
### Rhodococcus sp. SGAir0479

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.35  
T1 vs. T2 adjusted p = 0.85



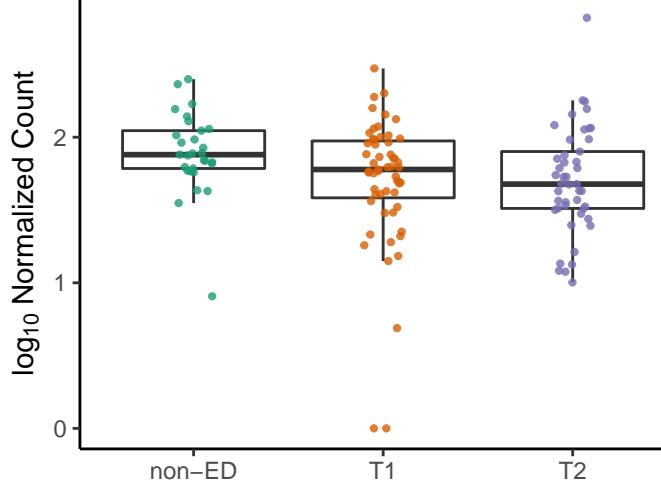
### Methylobacterium radiotolerans

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.9



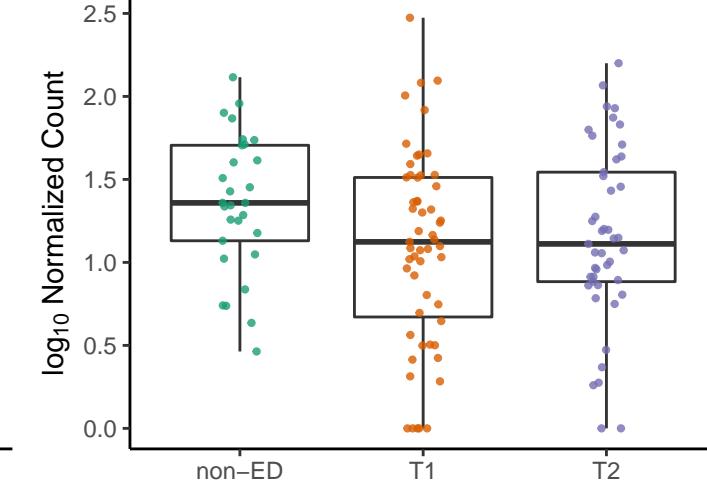
### Pseudohongiella spirulinae

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.91



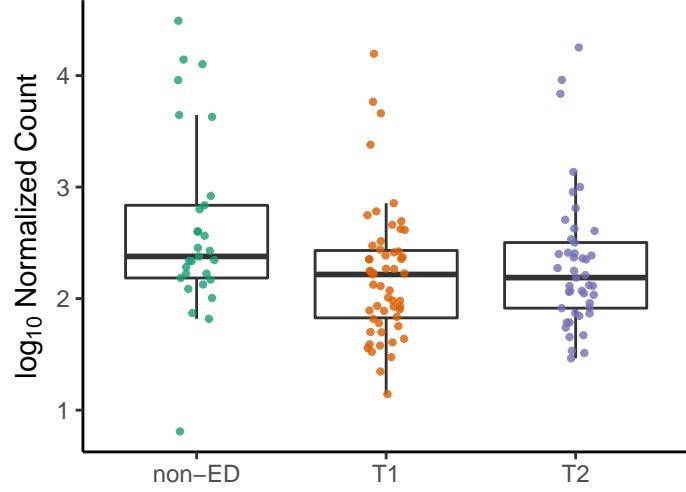
### Unclassified Agrococcus Genus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



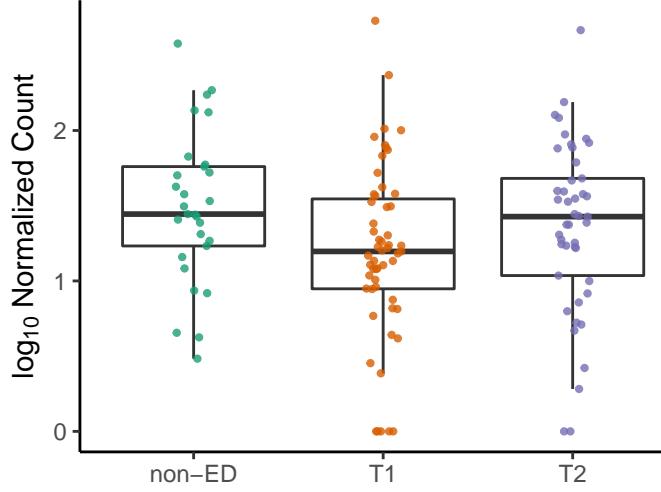
### Oxalobacter formigenes

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.9



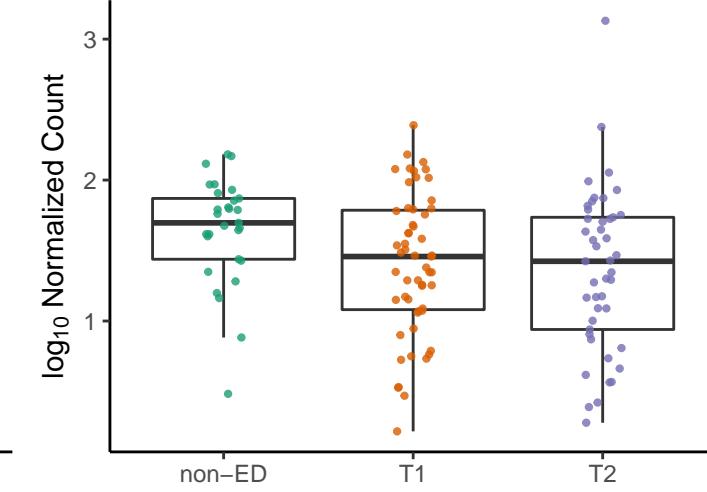
### Burkholderia sp. BDU6

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.37  
T1 vs. T2 adjusted p = 0.79



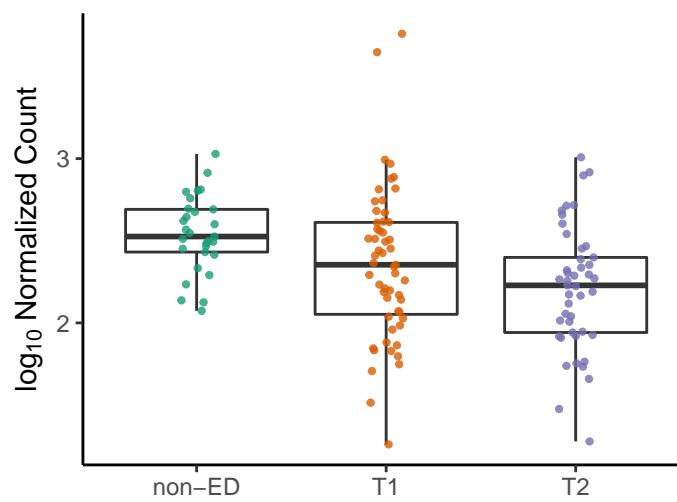
### Paraphotobacterium marinum

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



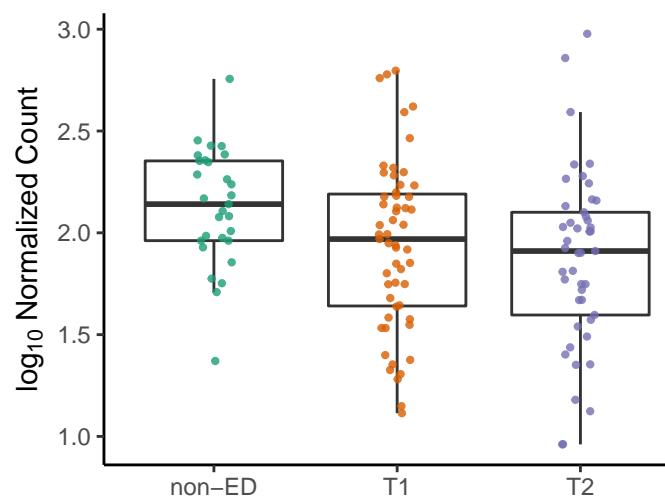
### Unclassified Raoultella Genus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.85



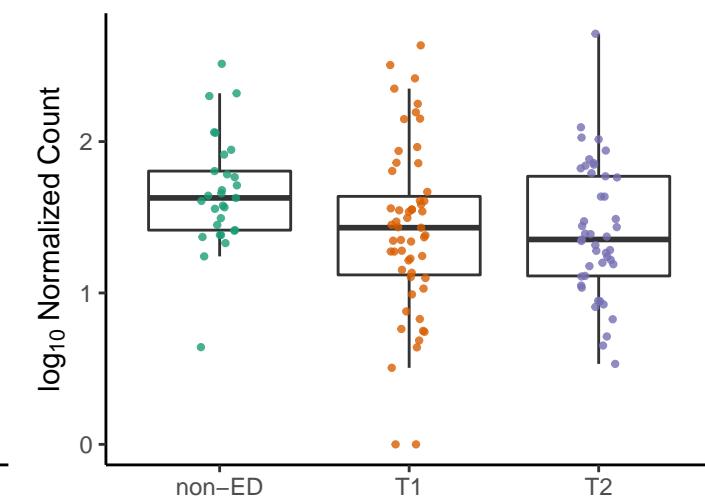
### *Chryseobacterium indoltheticum*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



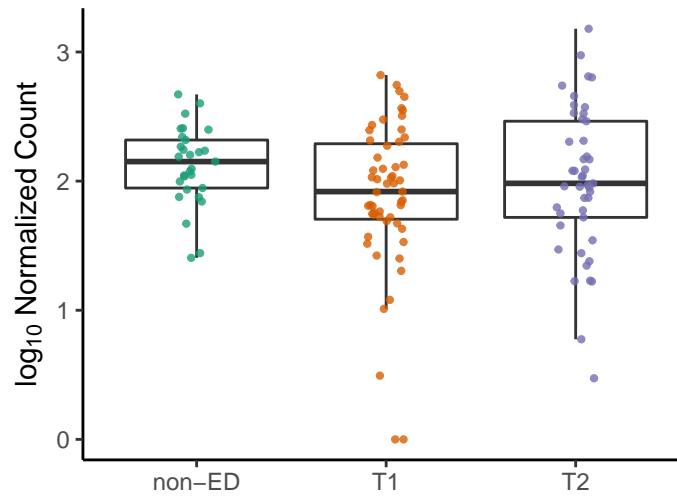
### *Yersinia rohdei*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.98



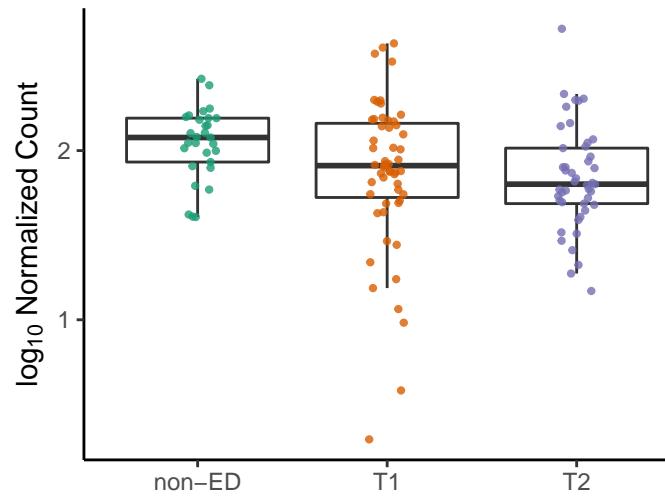
### *Blastococcus saxobsidens*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.3  
T1 vs. T2 adjusted p = 0.85



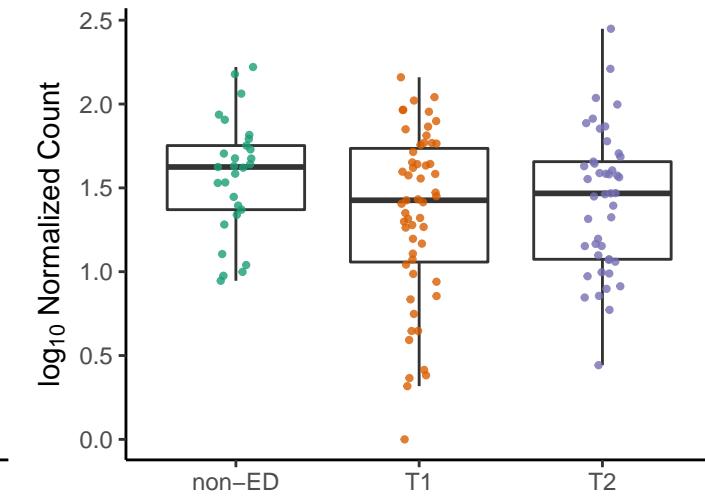
### *Prosthecochloris sp. HL-130-GSB*

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.0089  
T1 vs. T2 adjusted p = 0.98



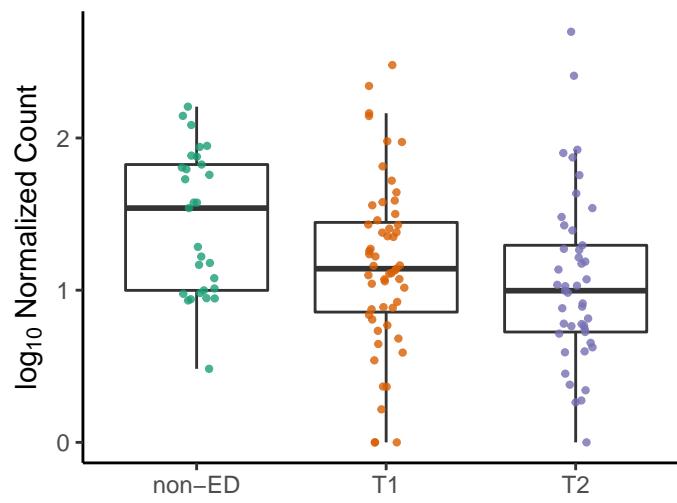
### Unclassified Acidipropionibacterium Genus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



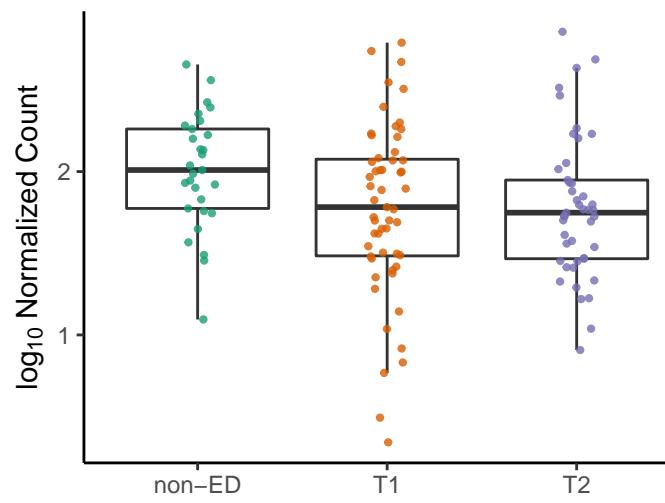
### *Taylorella asinigenitalis*

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



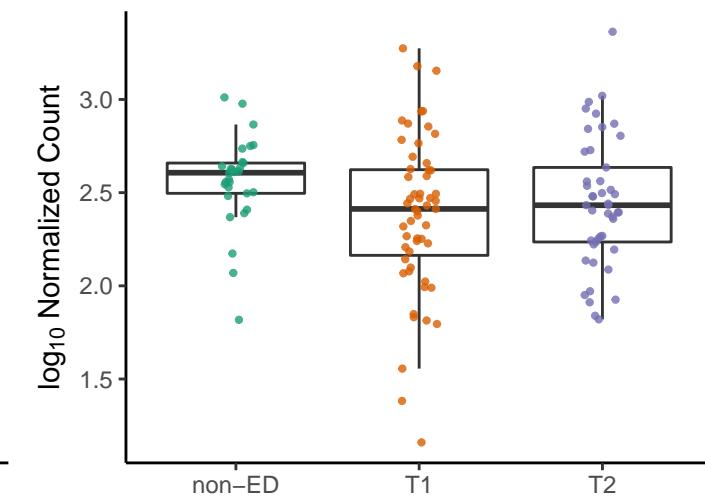
### *Comamonas serinivorans*

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.92



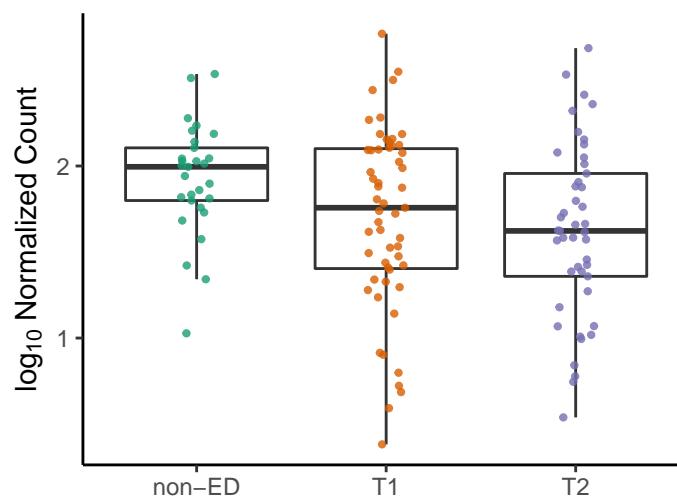
### *Moorella thermoacetica*

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



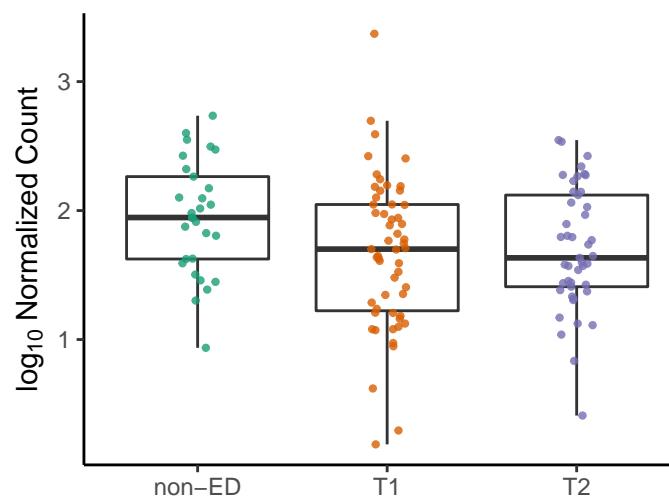
### *Halioglobus japonicus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.97



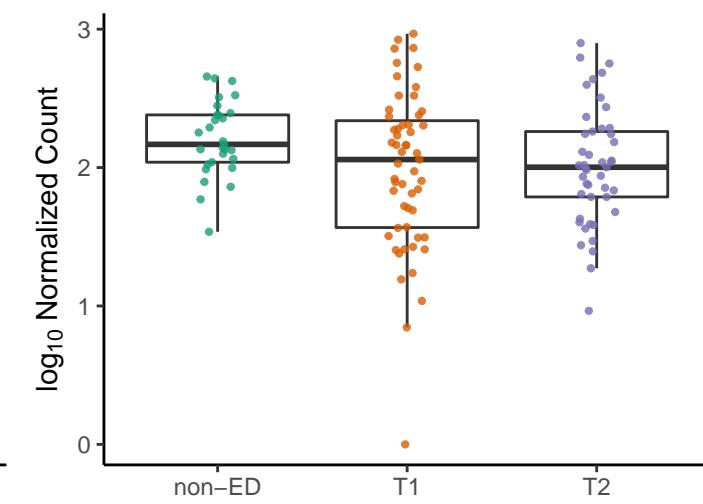
### *Pseudomonas guangdongensis*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.87



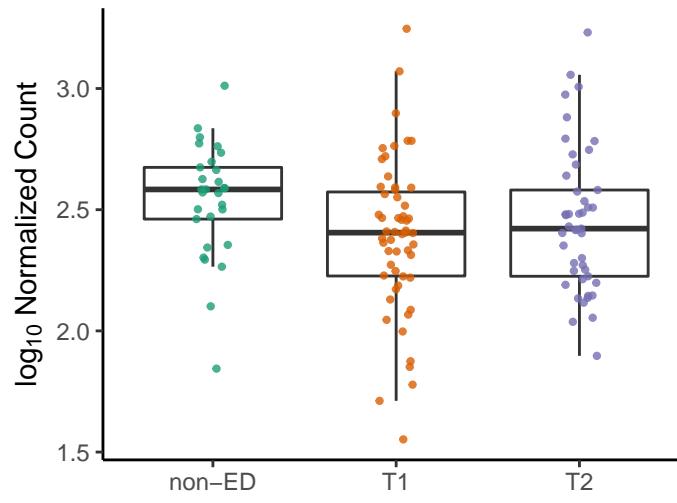
### Unclassified Myxococcaceae Family

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.85



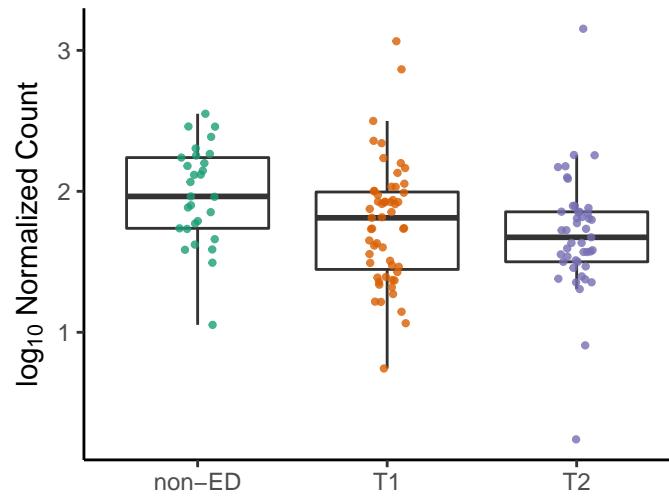
### *Paenibacillus* sp. FSL R7-0331

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



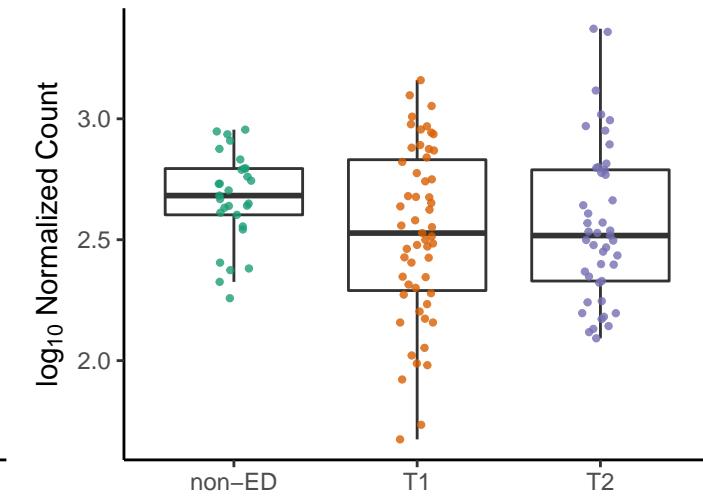
### *Gloeothece citriformis*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.91



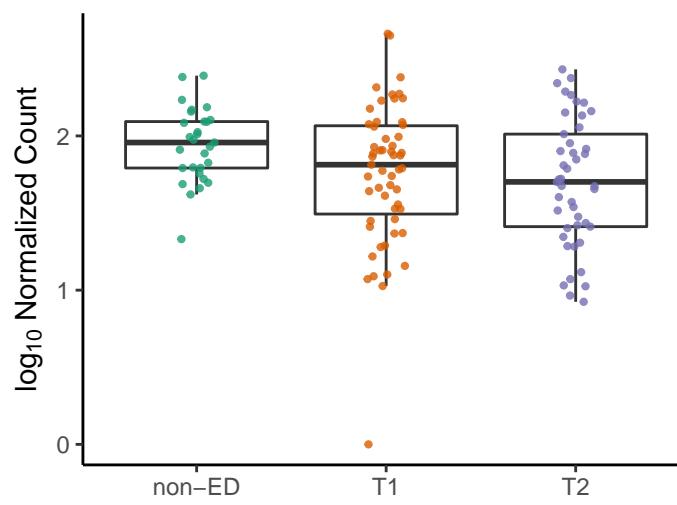
### *Syntrophobotulus glycolicus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



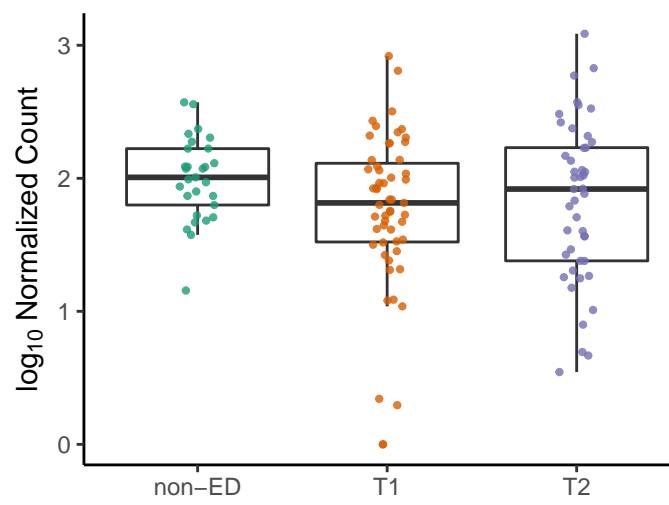
### *Hahella* sp. KA22

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.99



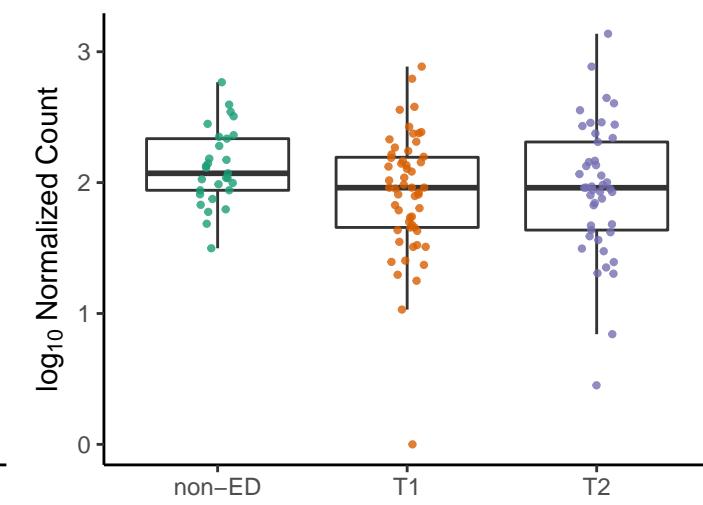
### *Bosea* sp. AS-1

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.86



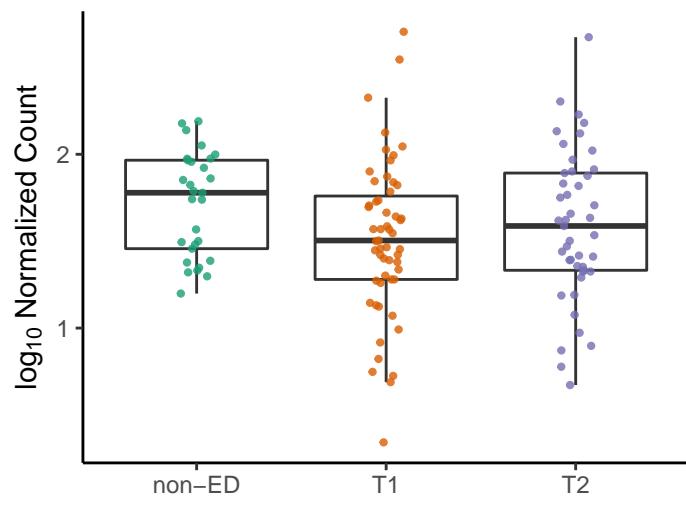
### *Erythrobacter litoralis*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.91



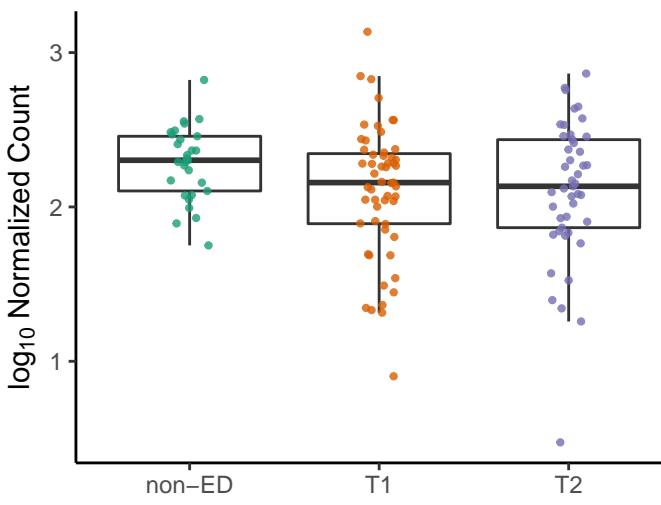
### *Pseudomonas taetrolens*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.88



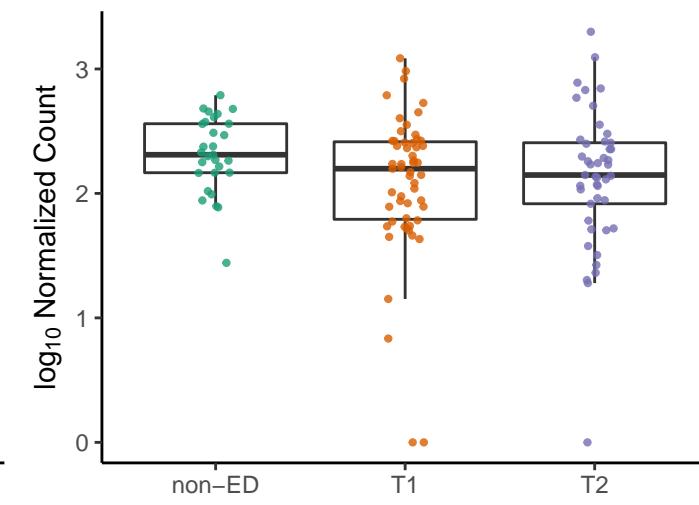
### *Hymenobacter sp. APR13*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.87



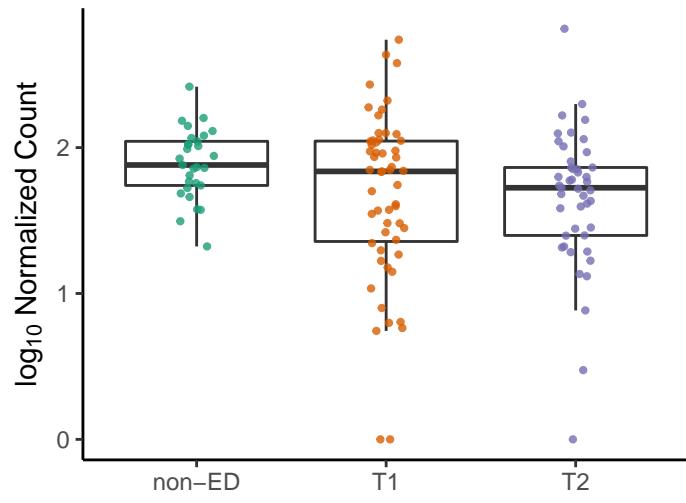
### *Sphaerobacter thermophilus*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.86



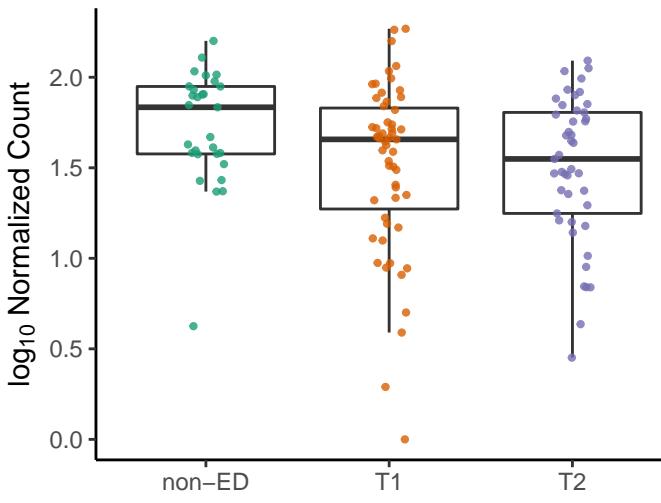
### *Brevibacterium sandarakinum*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.98



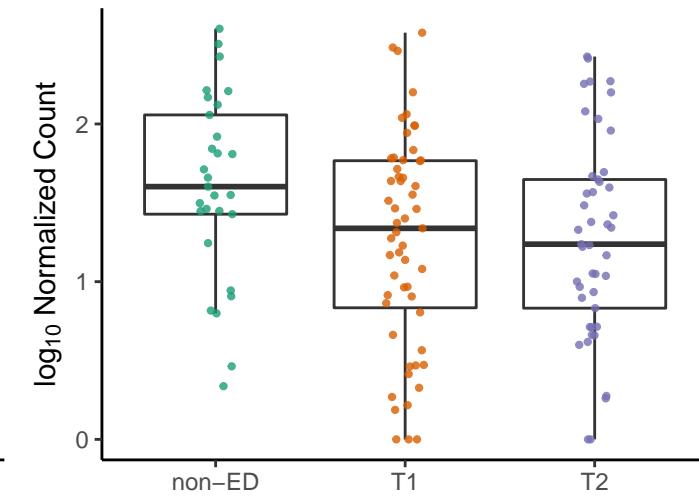
### *Candidatus Puniceispirillum marinum*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.92



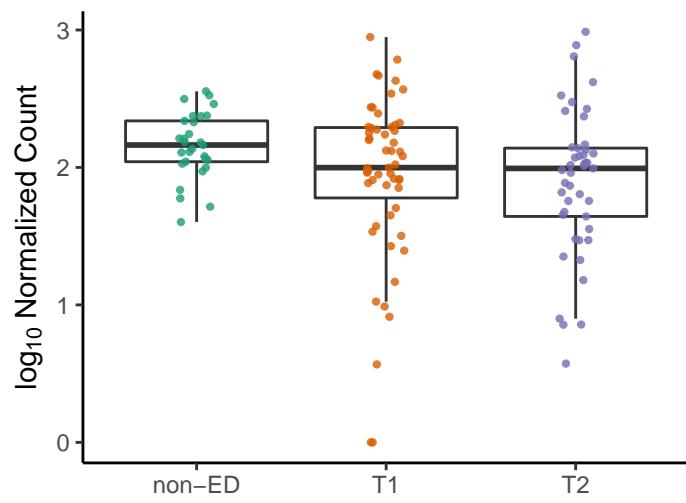
### *Halorubrum trapanicum*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.85



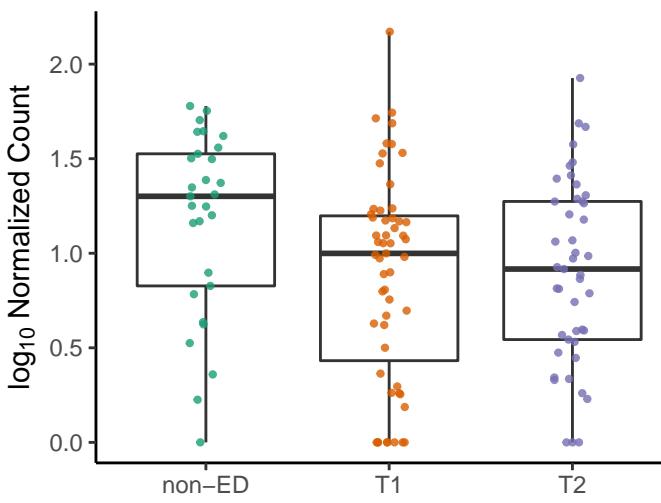
### *Micromonospora echinofusca*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.99



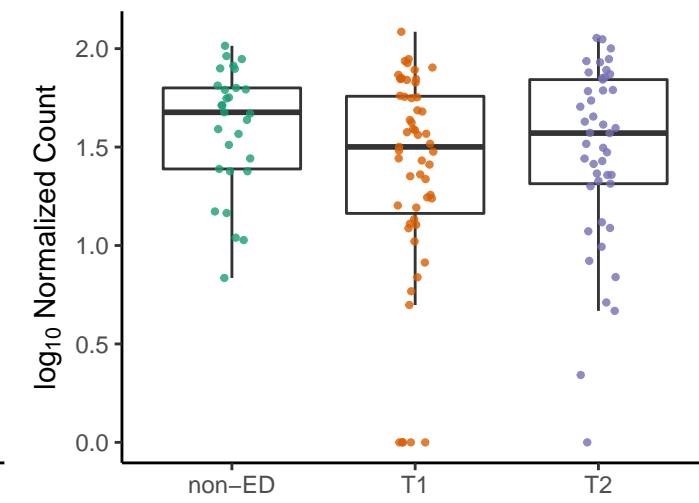
### *Candidatus Nitrosocosmicus exaquare*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.91



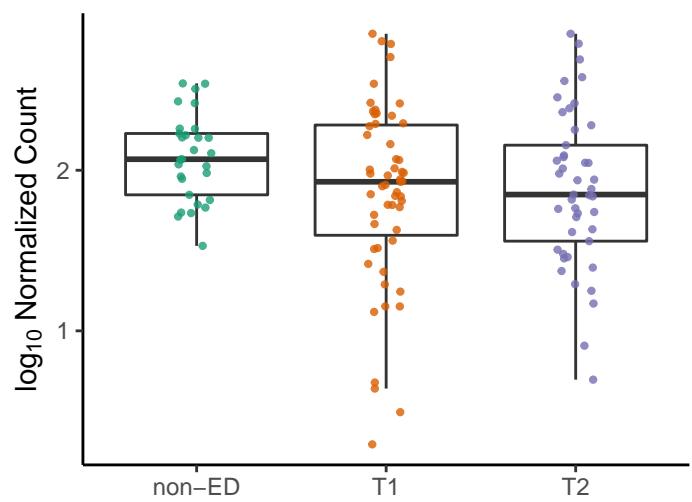
### Unclassified *Methanoculleus* Genus

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



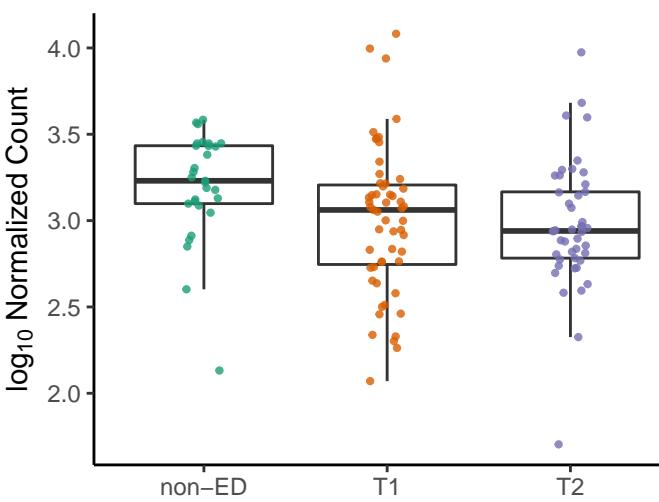
### *Verrucomicrobia bacterium IMCC26134*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.91



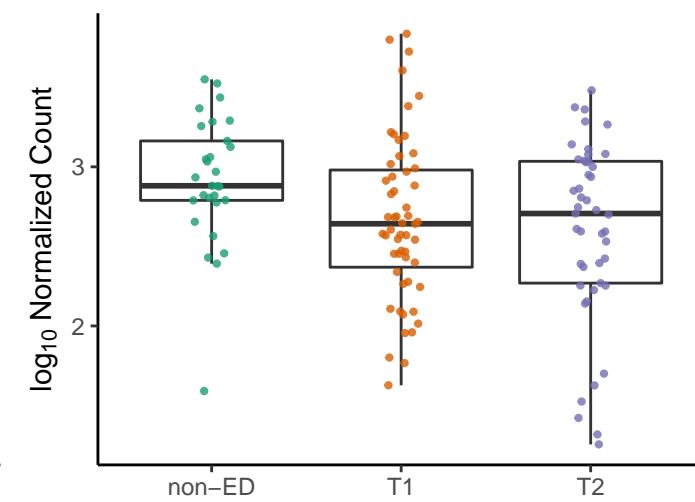
### *Campylobacter coli*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.97



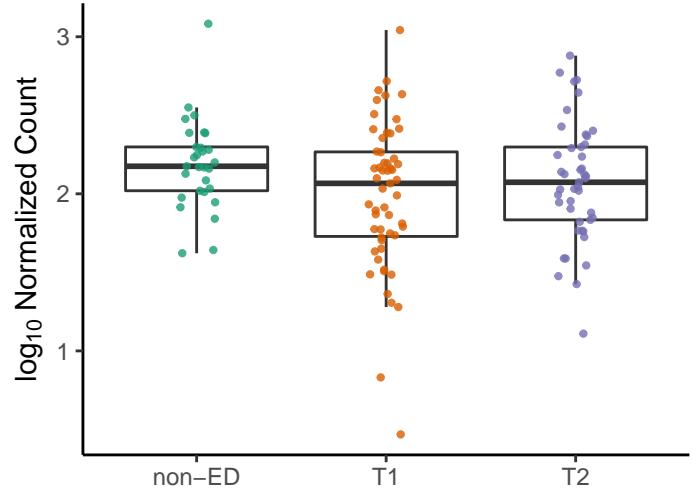
### *Streptococcus mitis*

non-ED vs. T1 adjusted p = 0.038  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.87



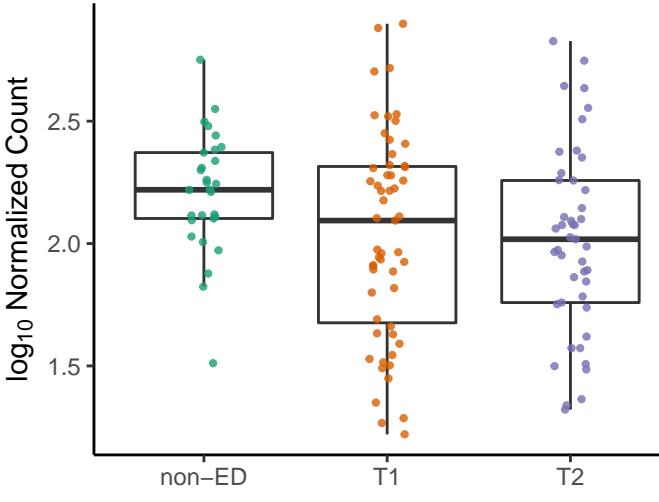
### *Guyparkeria halophila*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



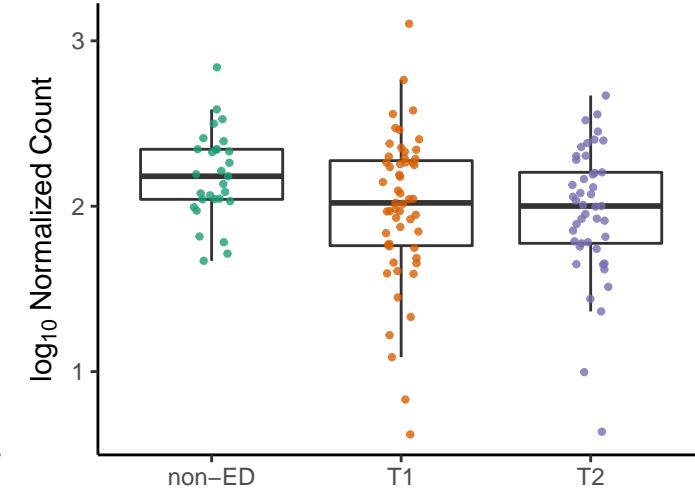
### *Ferrimonas balearica*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.99



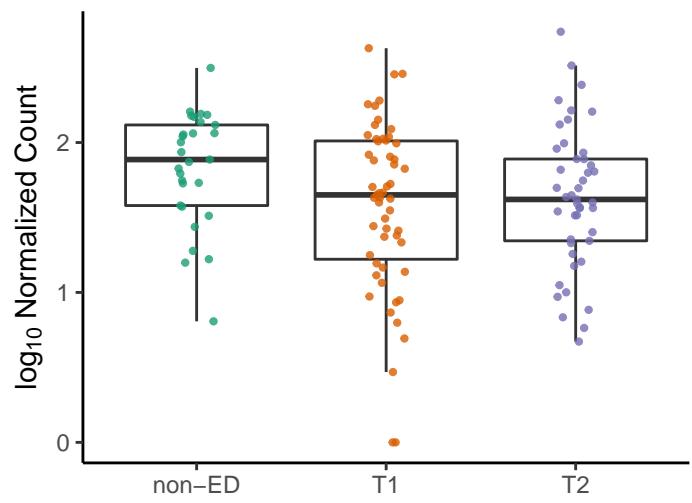
### *Massilia violaceinigra*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.97



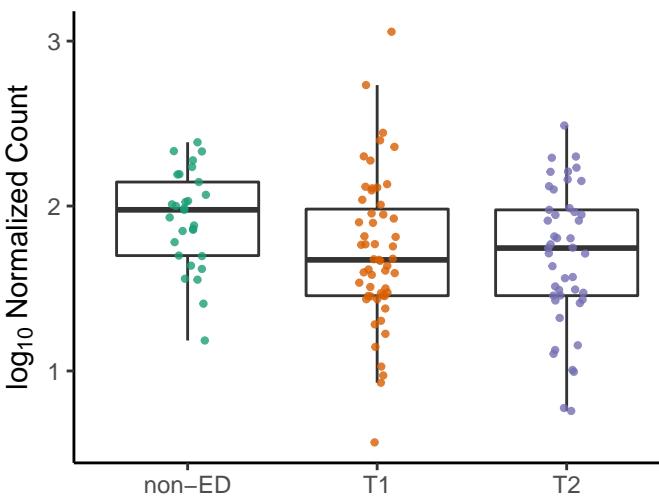
### *Antarcticibacterium flavum*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.91



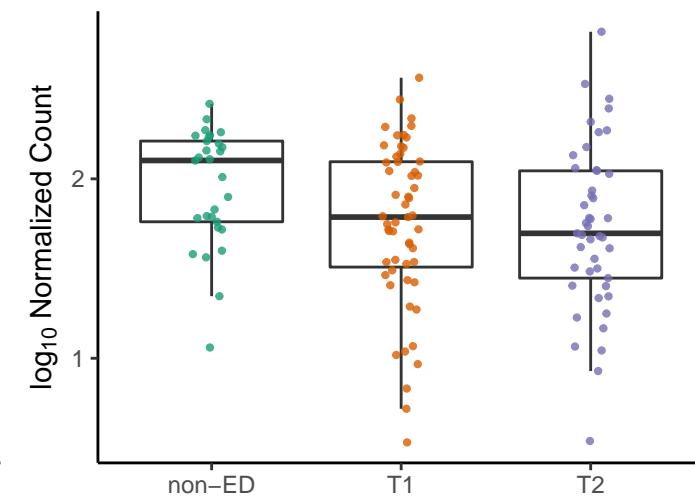
### *Corynebacterium camporealensis*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.98



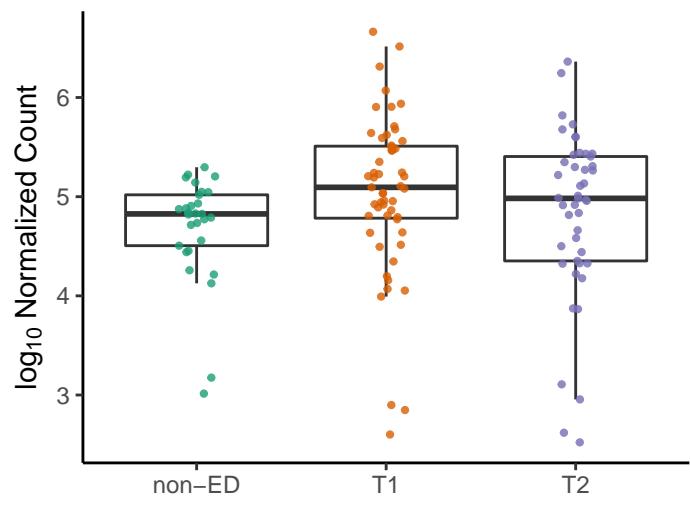
### *Pseudogulbenkiania sp. NH8B*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 1



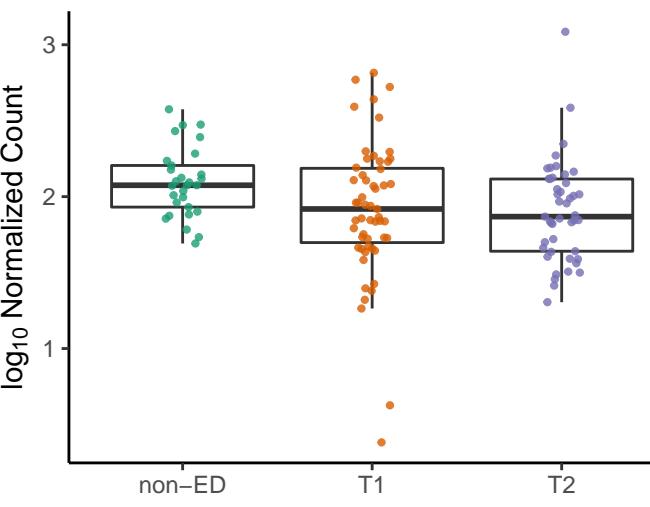
### *Bacteroides fragilis*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.42  
 T1 vs. T2 adjusted p = 0.84



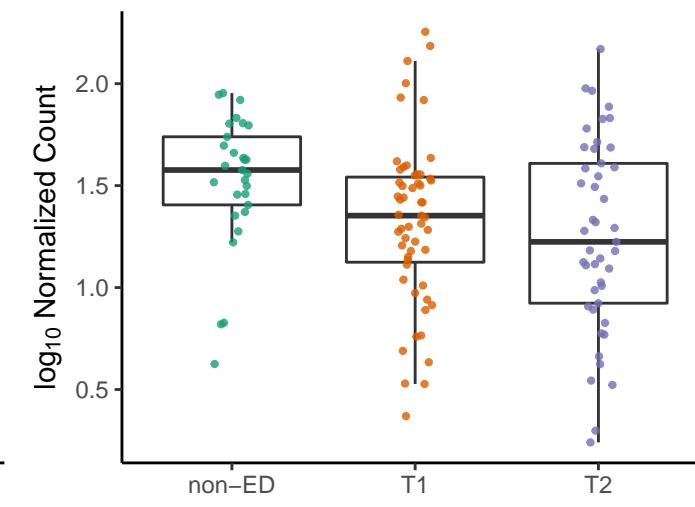
### *Serratia fonticola*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.95



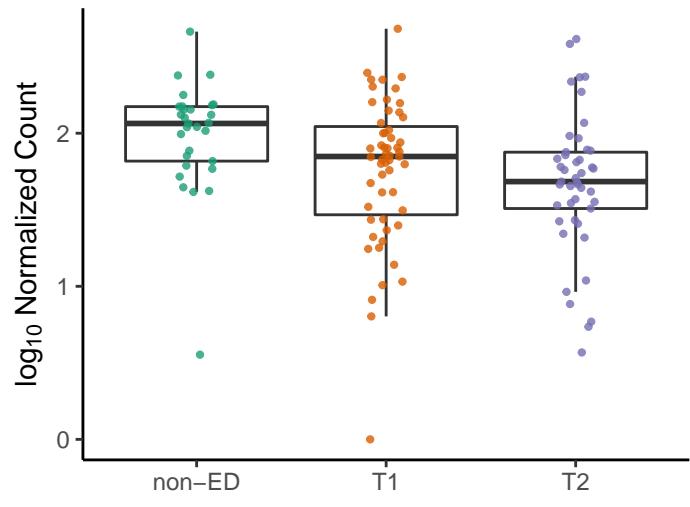
### *Shewanella* sp. M2

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.86



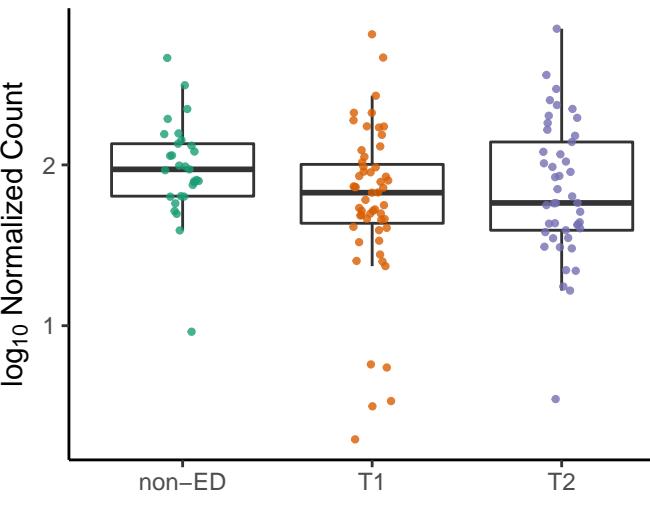
### *Sphingobacteriaceae bacterium GW460-*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



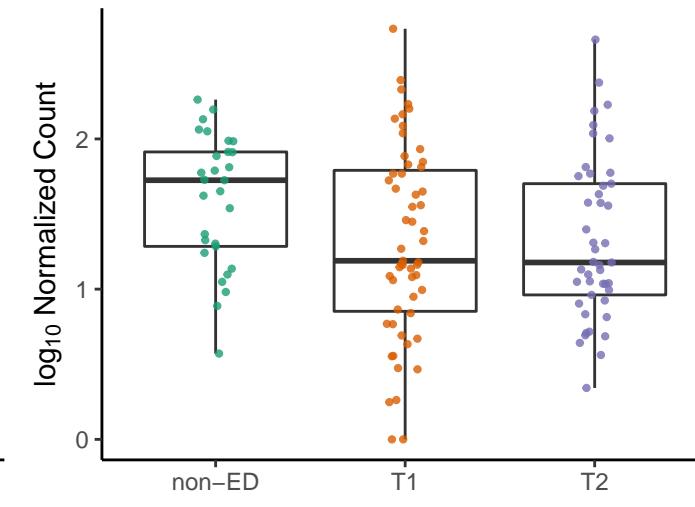
### *Stappia* sp. ES.058

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



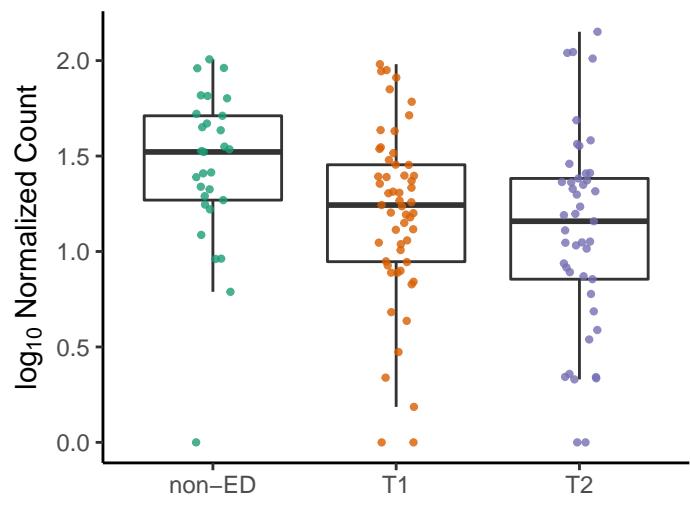
### *Arcobacter thereius*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.9



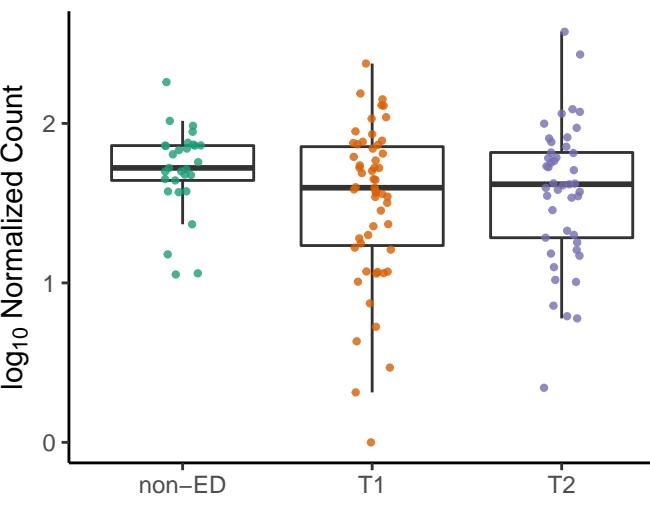
### *Dokdonia* sp. 4H-3-7-5

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



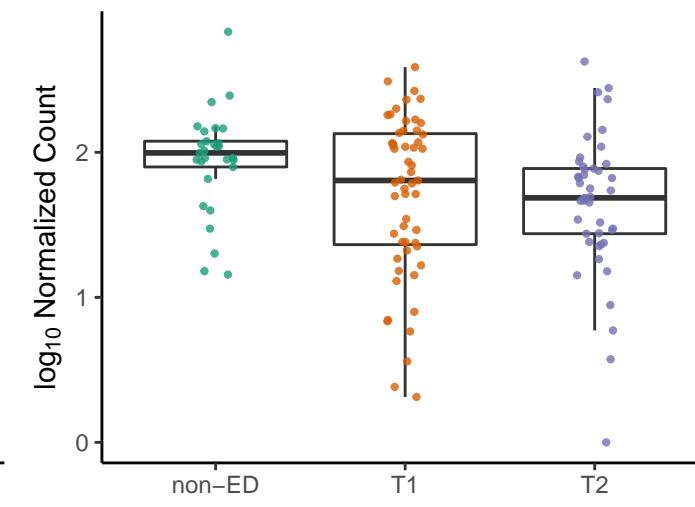
### *Corynebacterium deserti*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



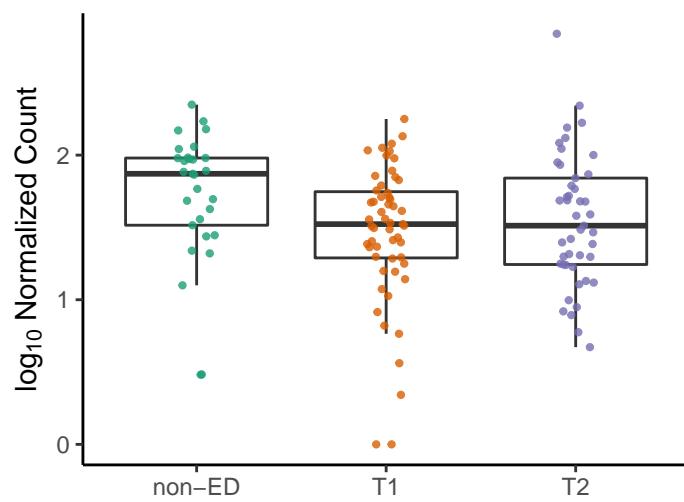
### *Planctomycetes* bacterium Pan216

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.92



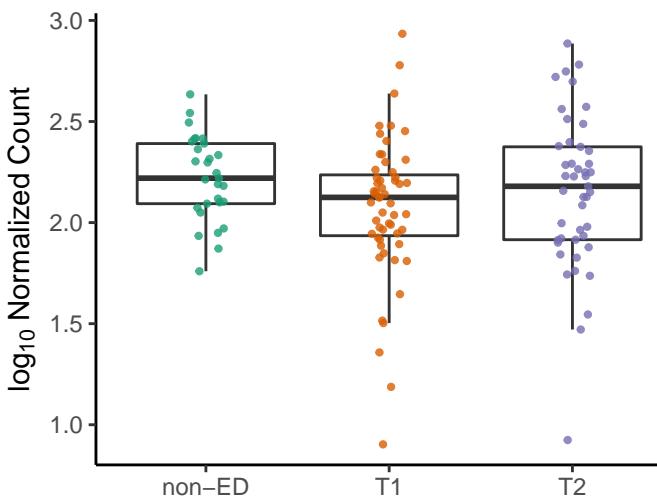
### *Legionella fallonii*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.87



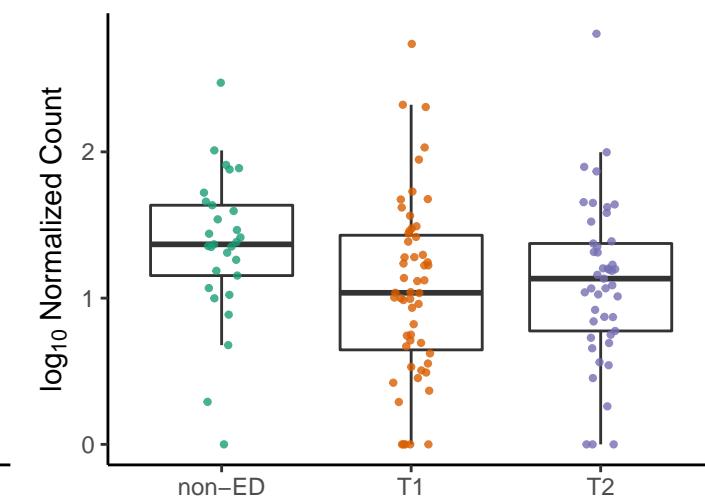
### *Thermoactinomyces vulgaris*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.38  
 T1 vs. T2 adjusted p = 0.85



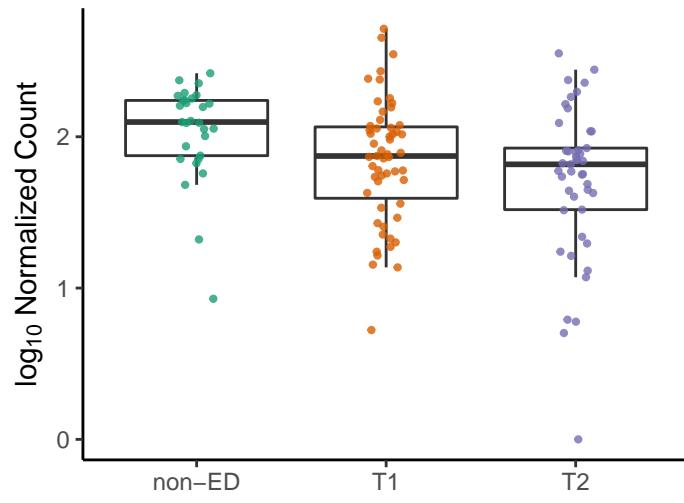
### *Pseudomonas lactis*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.082  
 T1 vs. T2 adjusted p = 0.86



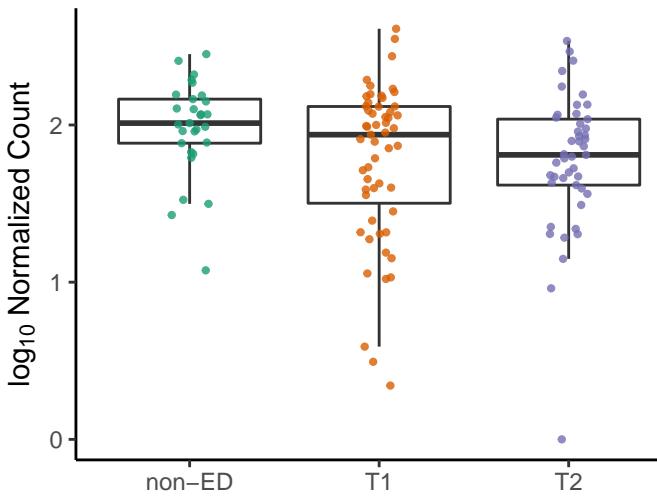
### *Chryseobacterium balustinum*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.0089  
 T1 vs. T2 adjusted p = 0.85



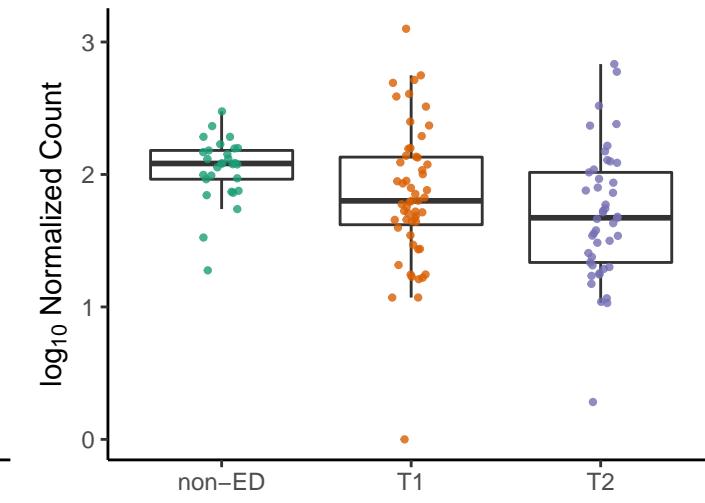
### *Desulfobacca acetoxidans*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.97



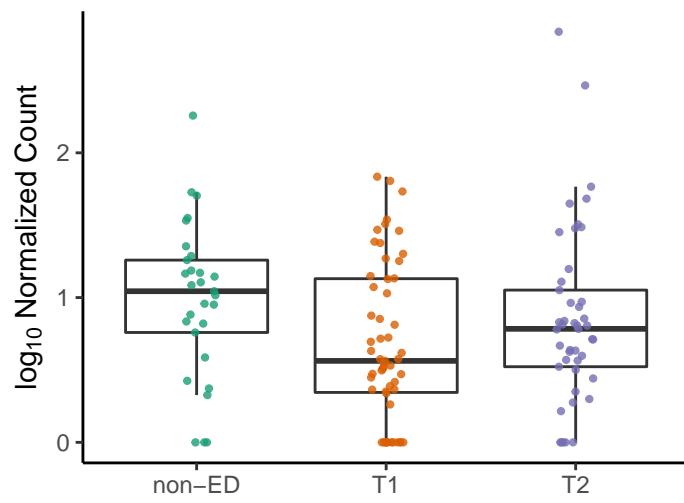
### *Cedecea lapagei*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.0036  
 T1 vs. T2 adjusted p = 0.85



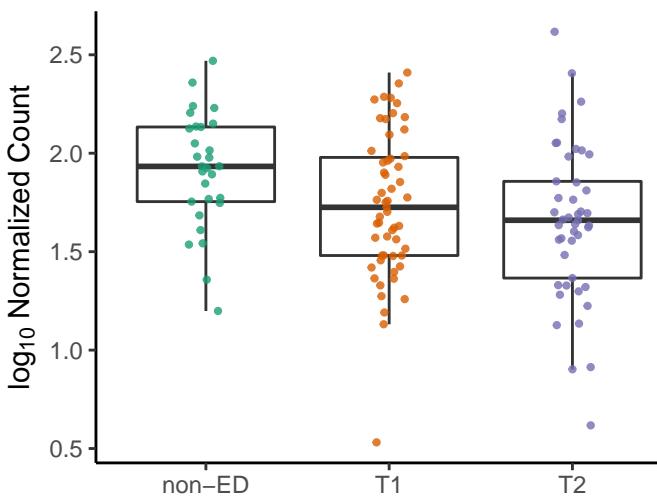
### *Gordonia alkanivorans*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.85



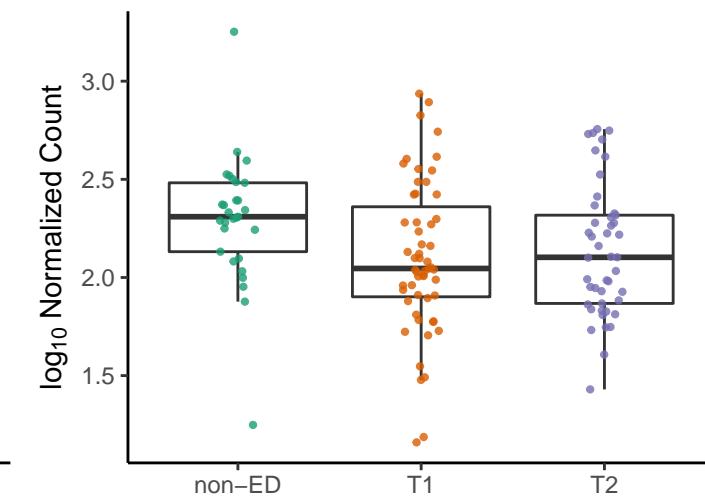
### *Tetragenococcus osmophilus*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.85



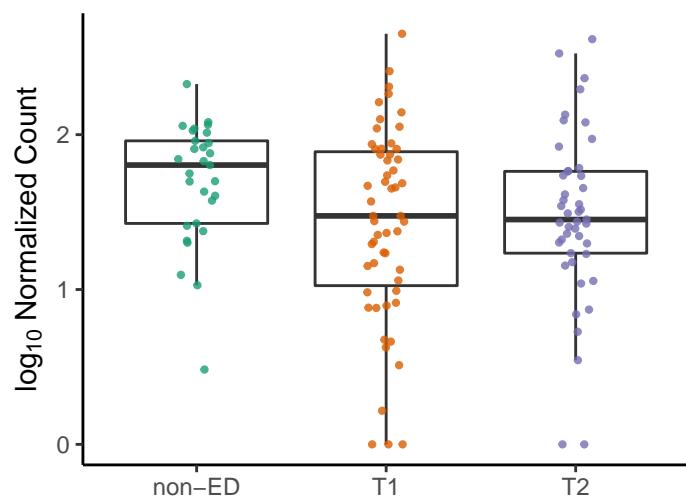
### *Erysipelothrix sp. 15TAL0474*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.98



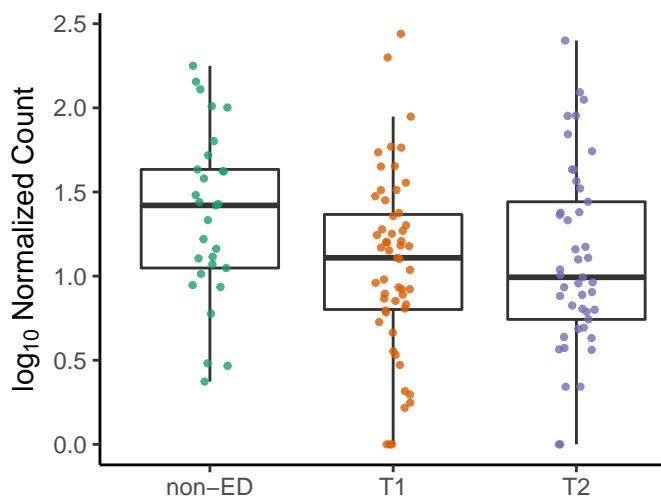
### *Bradyrhizobium amphicarpaee*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



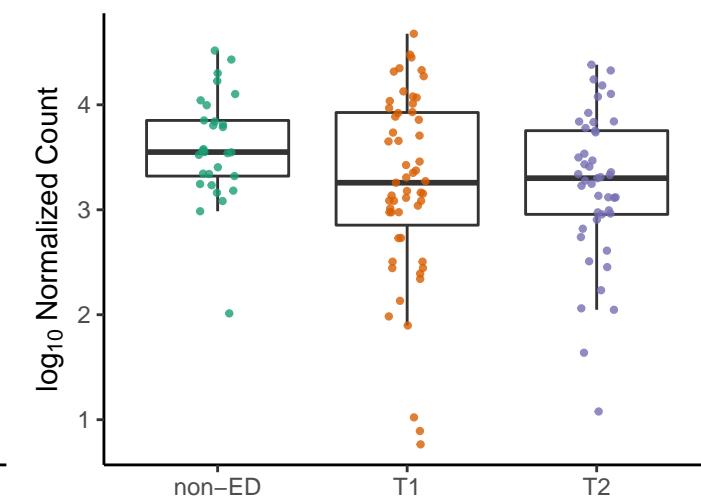
### *Acidianus brierleyi*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 1



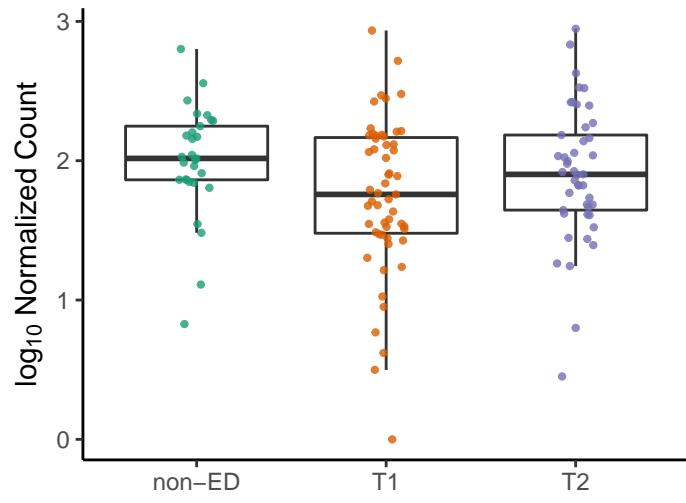
### Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.9



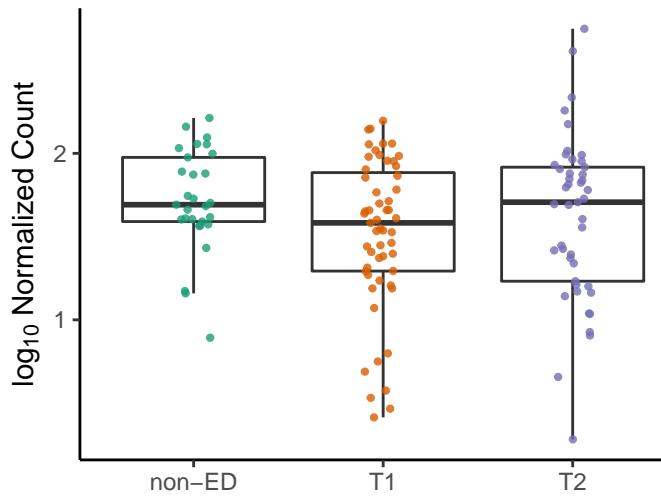
### *Janibacter indicus*

non-ED vs. T1 adjusted p = 0.039  
 non-ED vs. T2 adjusted p = 0.42  
 T1 vs. T2 adjusted p = 0.79



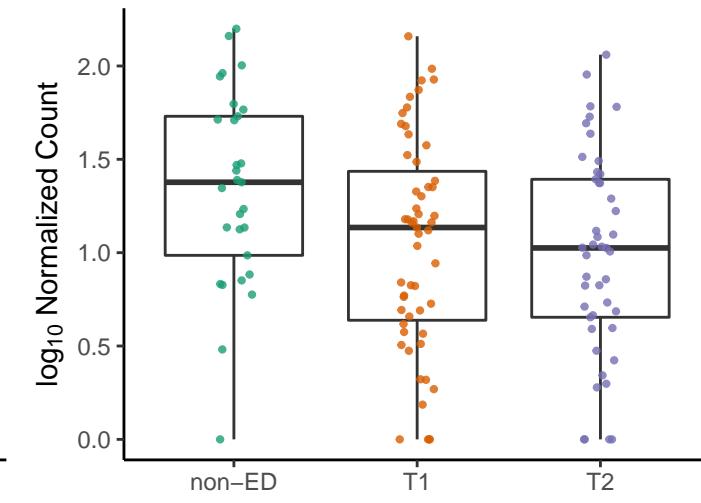
### *Rhodococcus jostii*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.85



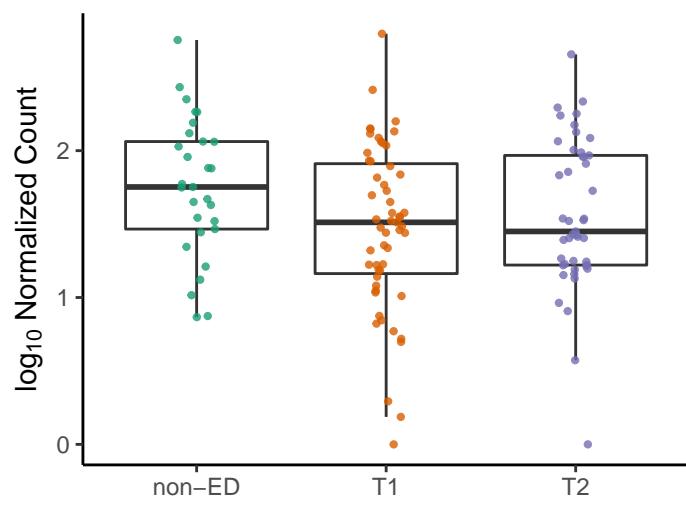
### *Spiroplasma sp. TIUS-1*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



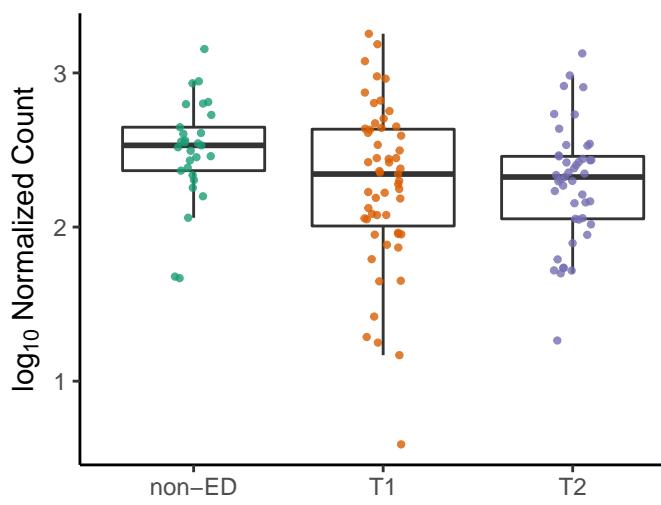
### *Methylibium sp. Pch-M*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



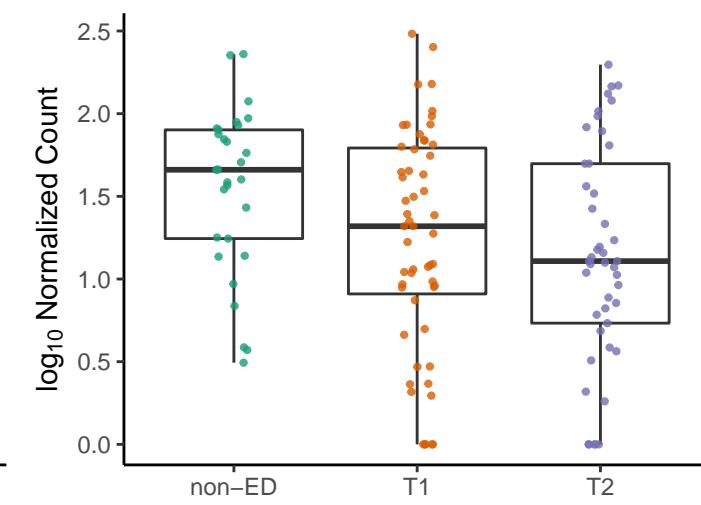
### *Ramlibacter tataouinensis*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.92



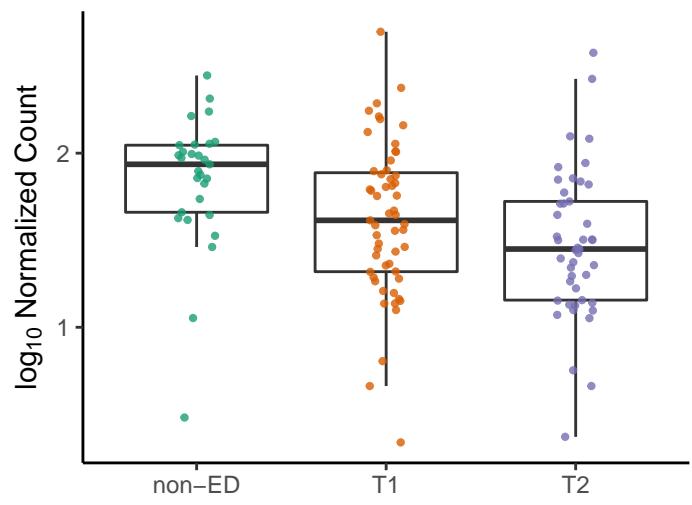
### *Blastomonas sp. RAC04*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.88



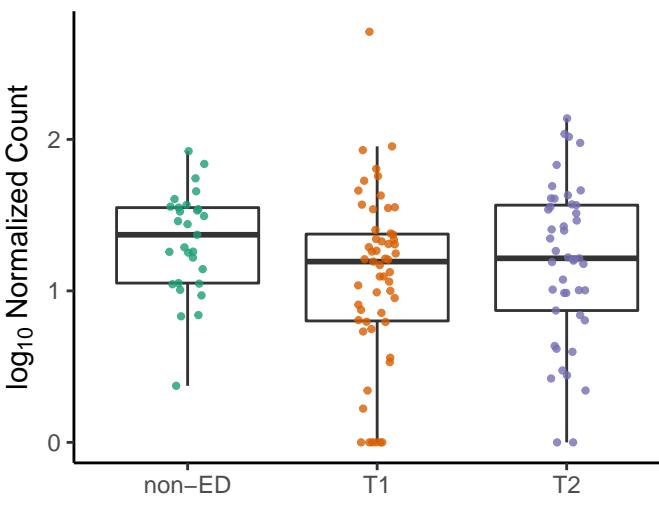
### *Nonlabens dokdonensis*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.0045  
 T1 vs. T2 adjusted p = 0.75



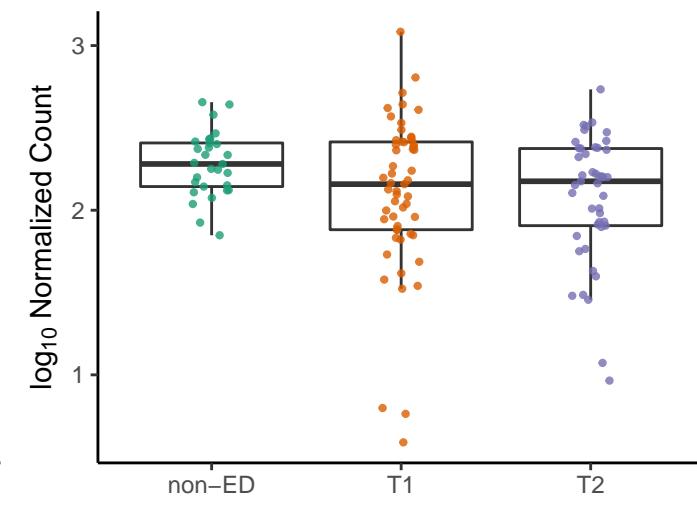
### *Pseudomonas* sp. DR 5-09

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



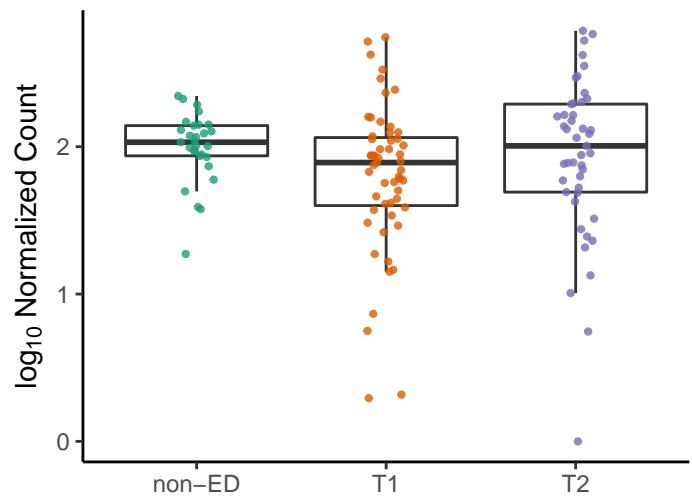
### *Magnetospirillum gryphiswaldense*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.97



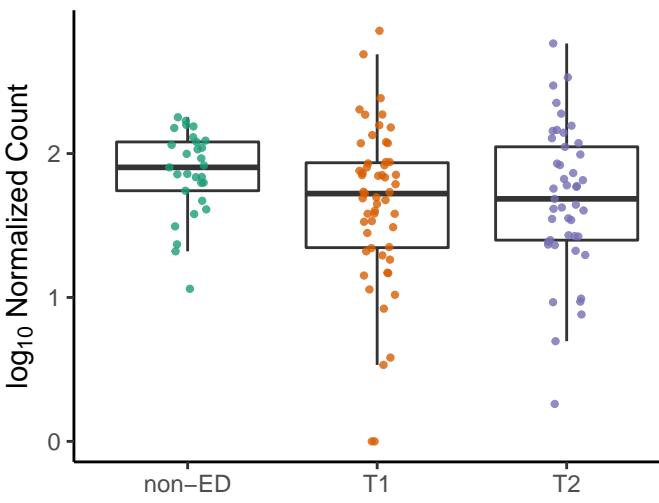
### *Sphingomonas* sp. PAMC26645

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.53  
 T1 vs. T2 adjusted p = 0.85



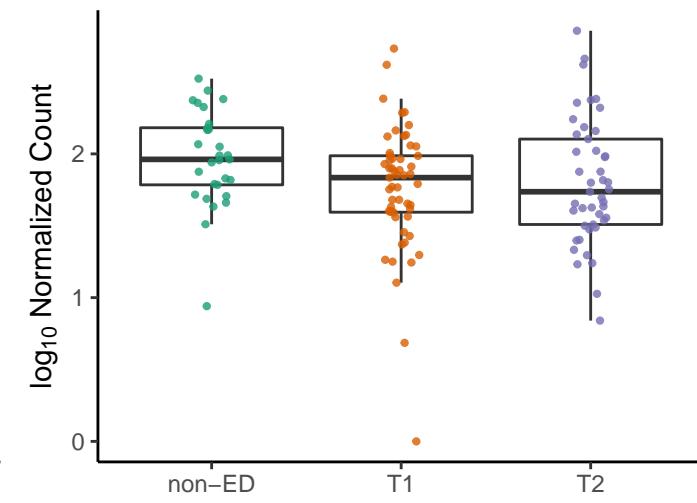
### *Jatrophihabitans* sp. GAS493

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.9



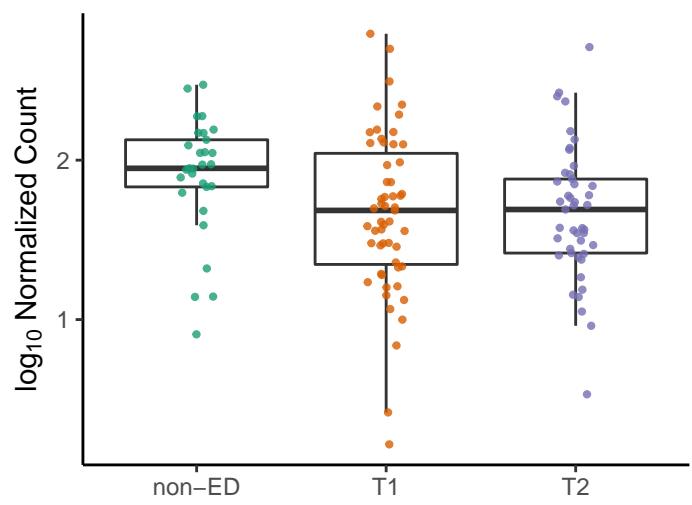
### *Vagococcus teuberi*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.98



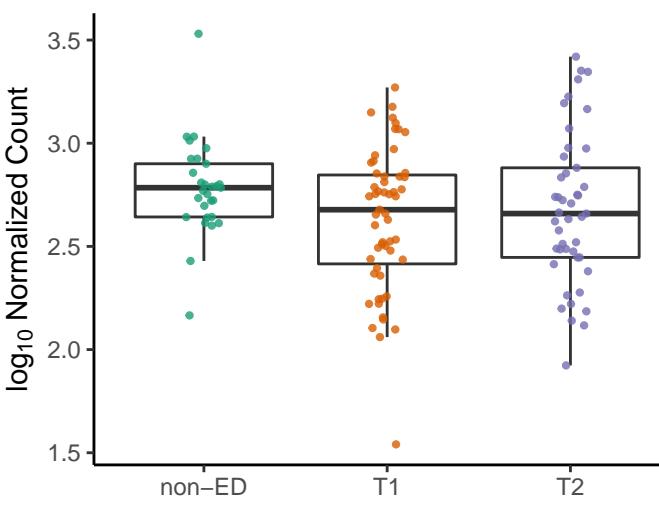
### *Silvanigrellales bacterium* RF1110005

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.97



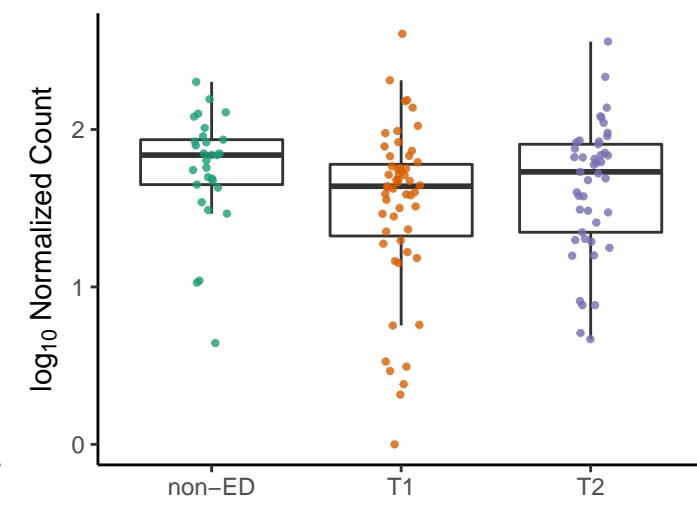
### Unclassified Paenibacillaceae Family

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



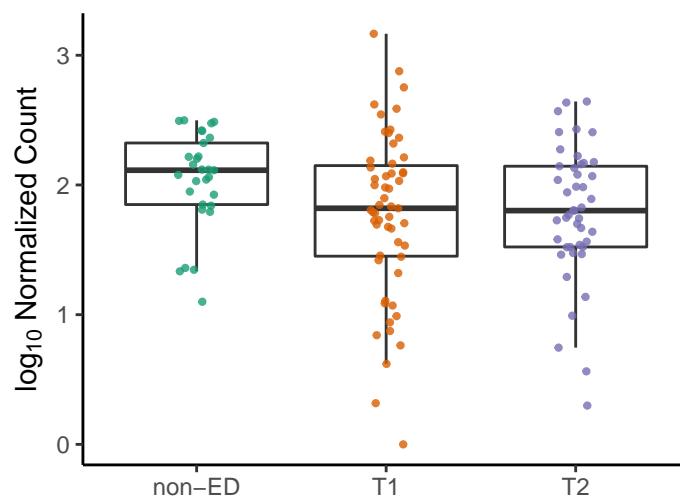
### *Legionella geestiana*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



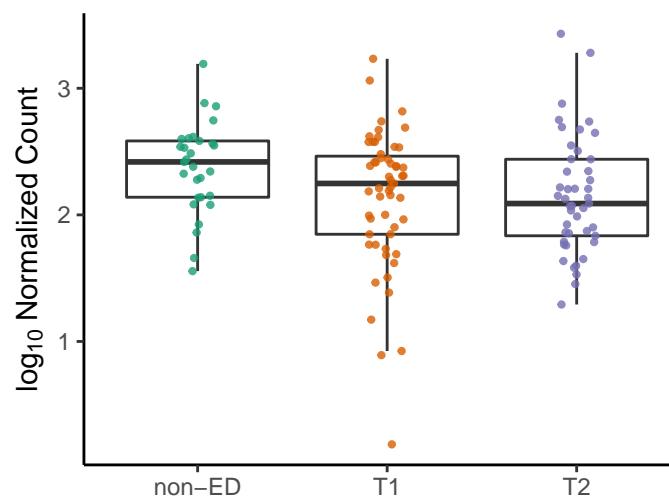
### Delftia tsuruhatensis

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.91



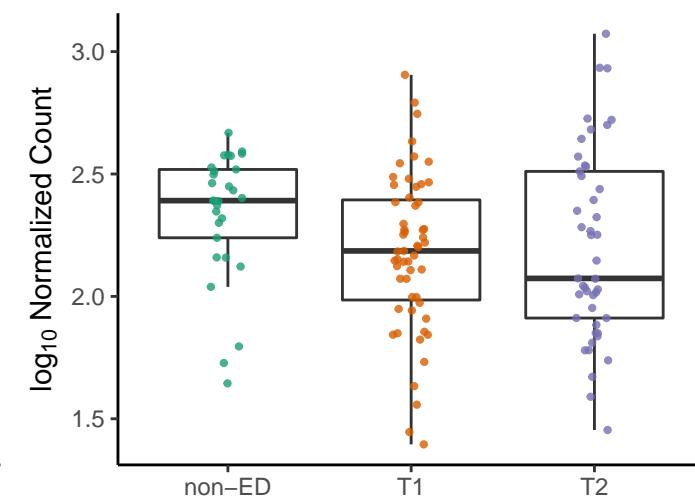
### Sutterella faecalis

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.9



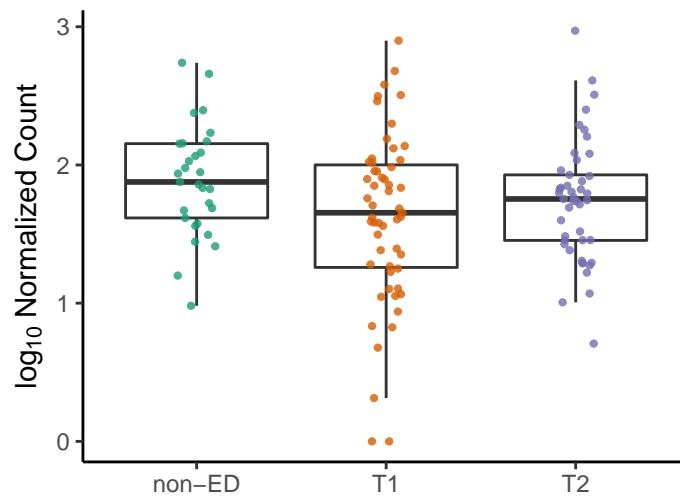
### Botrytis cinerea

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.98



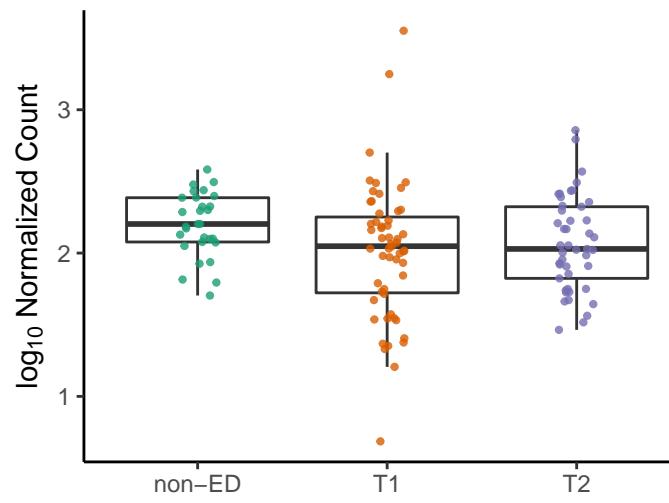
### Corynebacterium ureicelerivorans

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



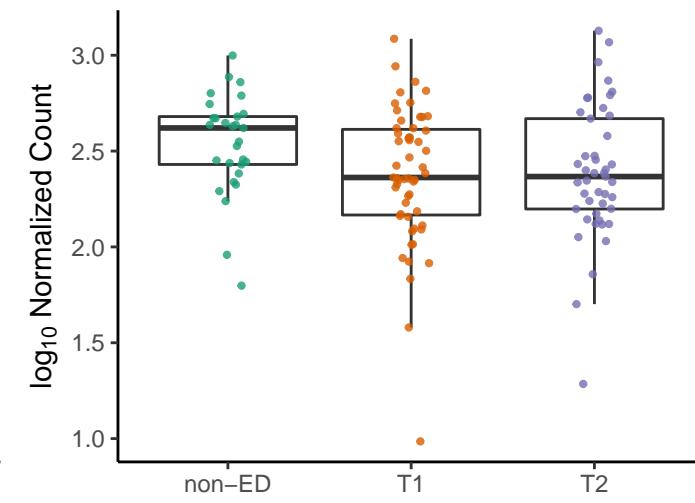
### Ralstonia insidiosa

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.082  
T1 vs. T2 adjusted p = 0.87



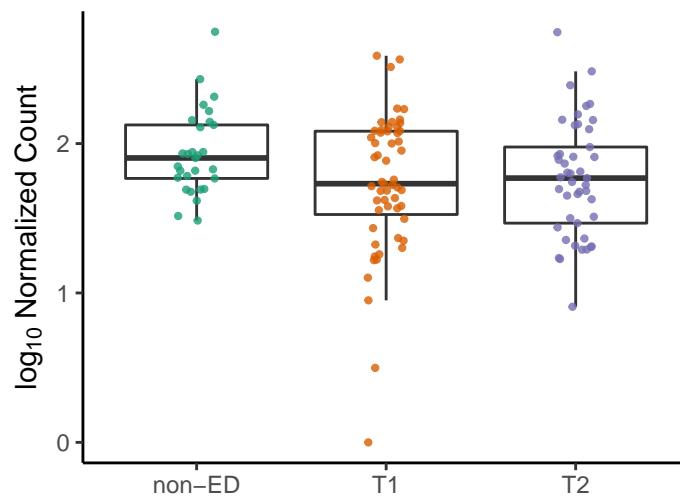
### Thermacetogenium phaeum

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.91



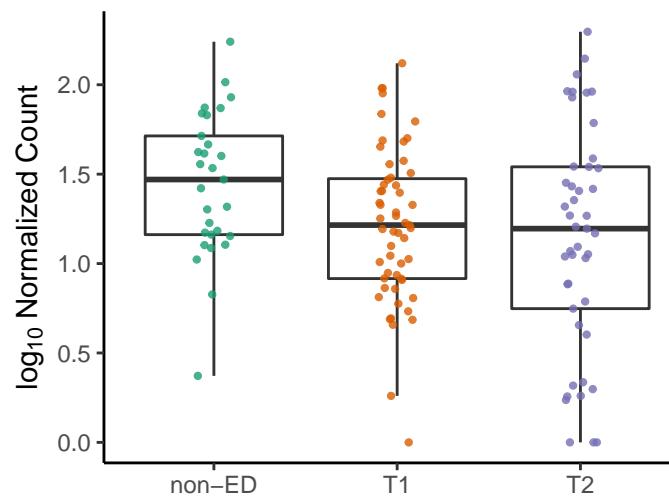
### Sphingobium sp. TKS

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.9



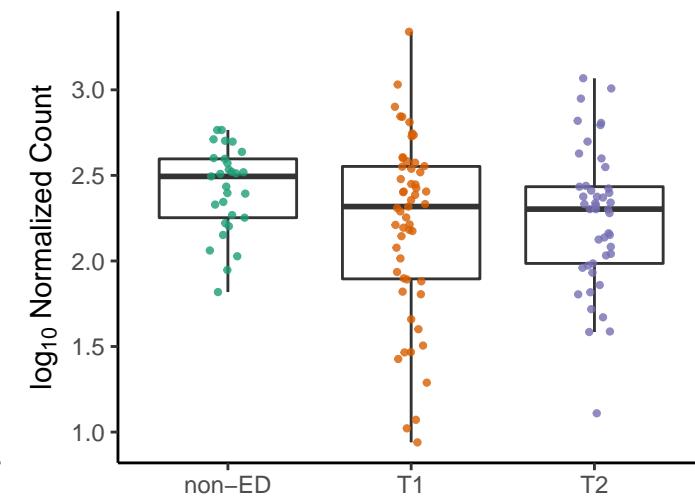
### cyanobacterium endosymbiont of Epith

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



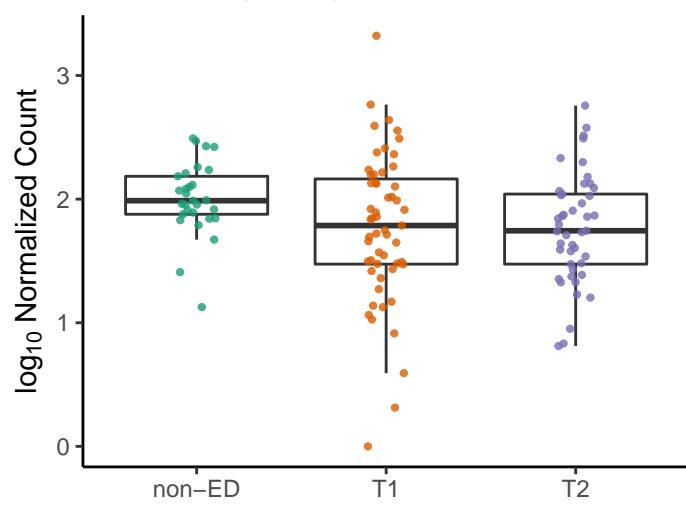
### Streptomyces lydicus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.85



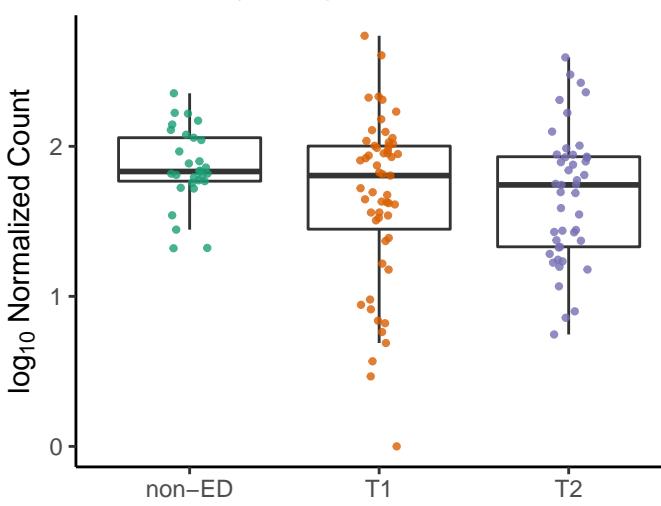
### *Mycolicibacterium sediminis*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.98



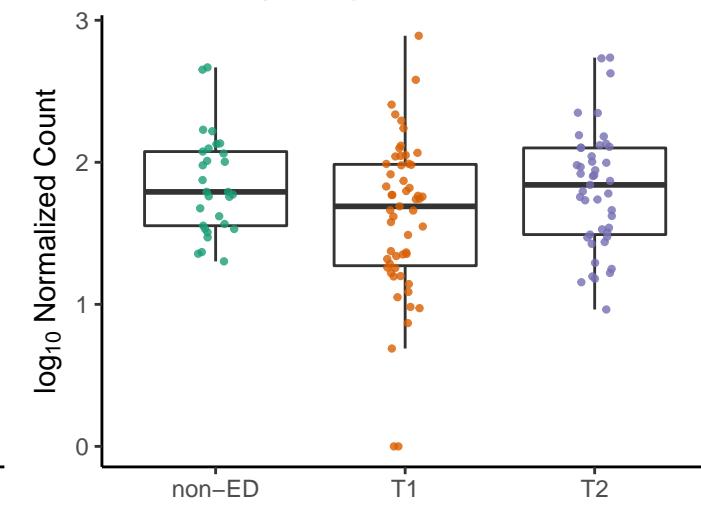
### *Halomonas aestuarii*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.91



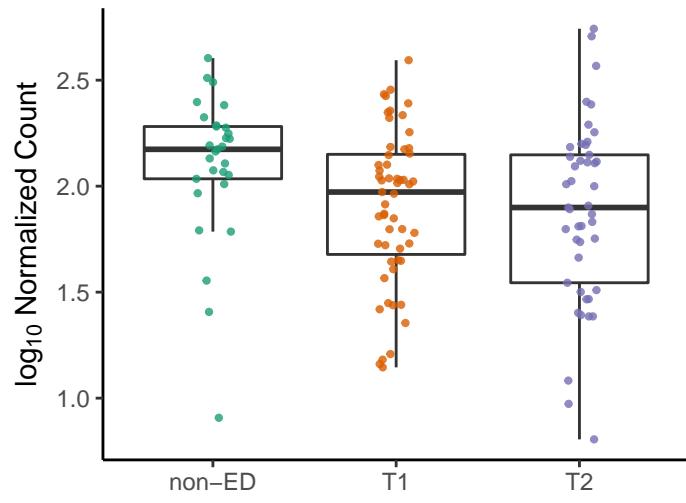
### *Xanthomonas hyacinthi*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.71  
 T1 vs. T2 adjusted p = 0.75



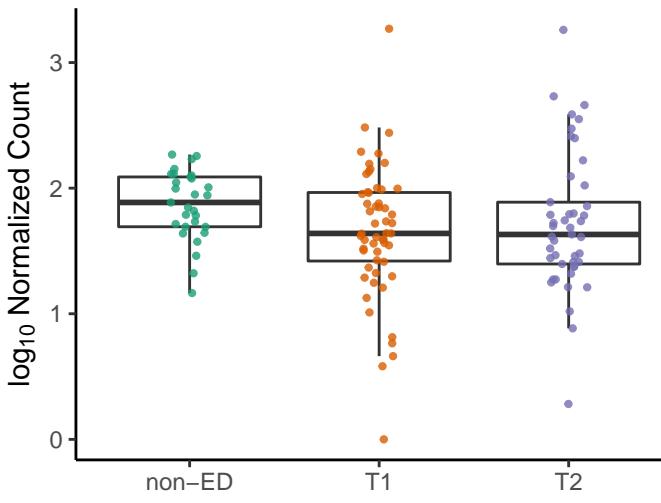
### Unclassified Calothrix Genus

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.91



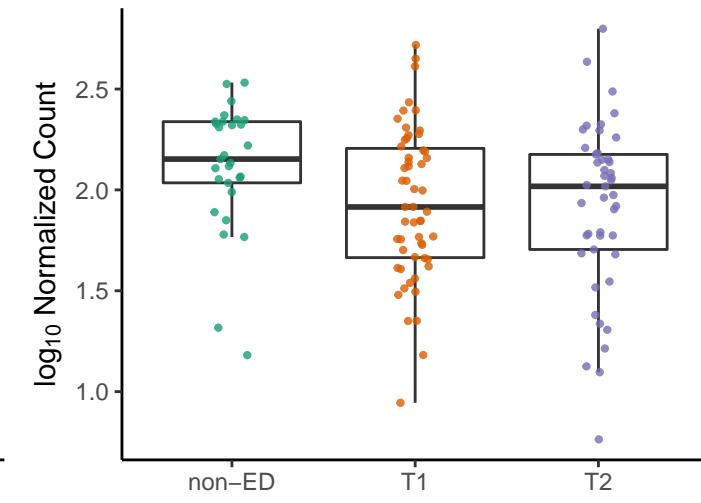
### *Hoeflea phototrophica*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.87



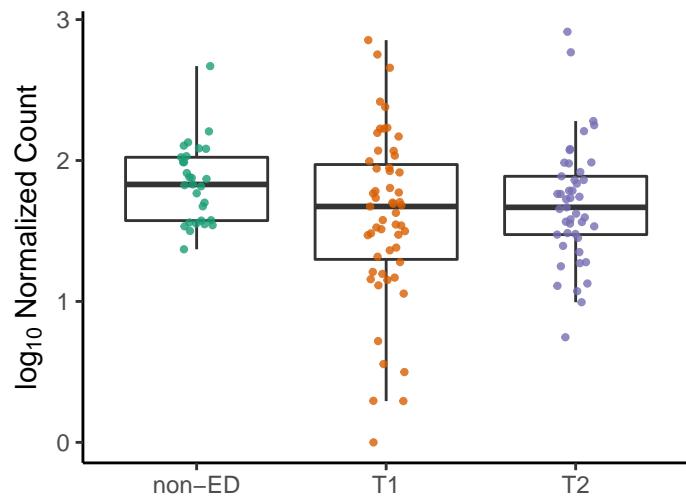
### *Paenibacillus crassostreae*

non-ED vs. T1 adjusted p = 0.04  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.96



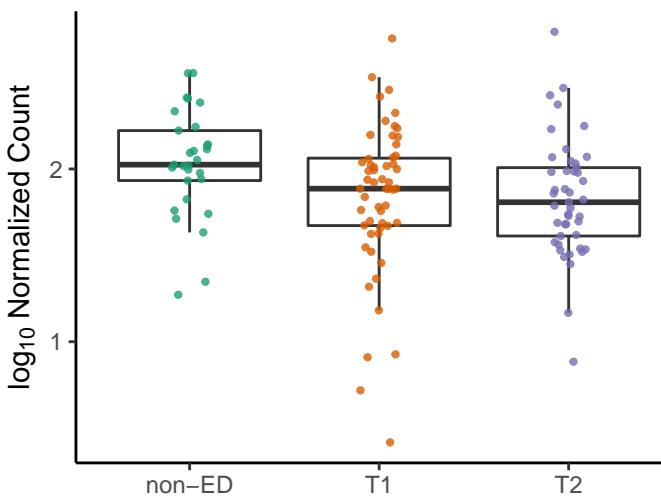
### *Pseudarthrobacter equi*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



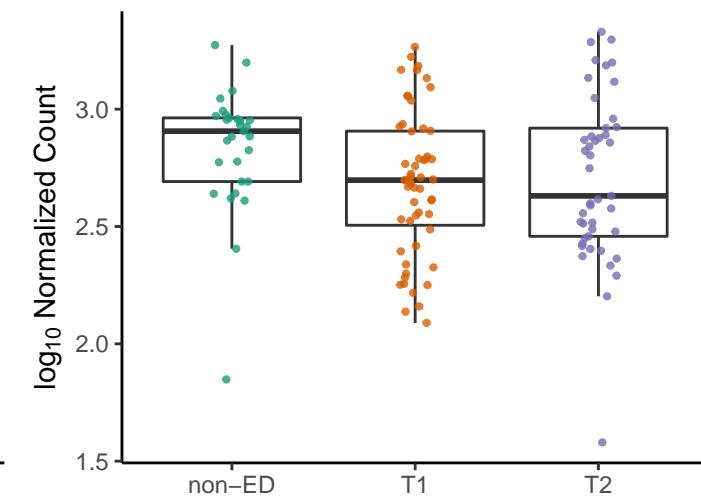
### *Listeria grayi*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 1



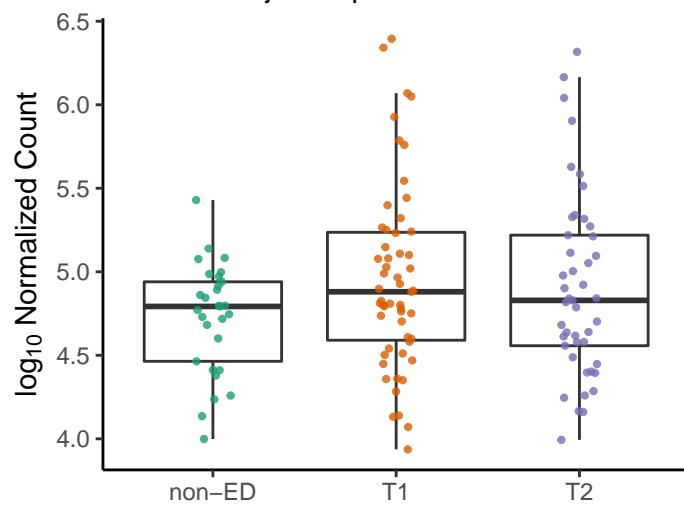
### *Petrocella atlantisensis*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.92



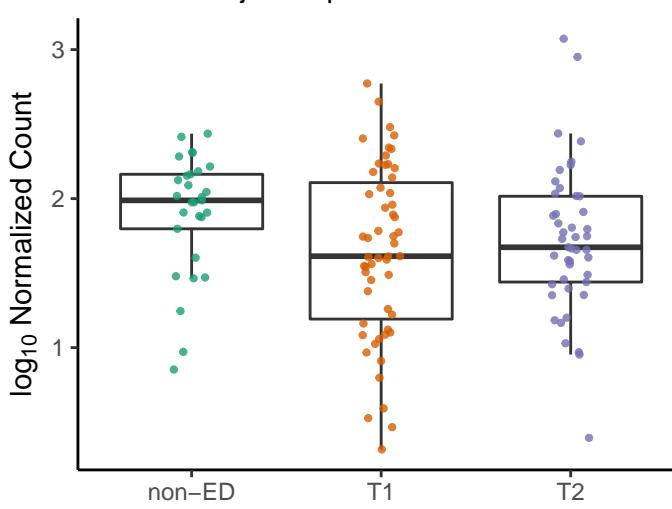
### [Ruminococcus] gnavus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



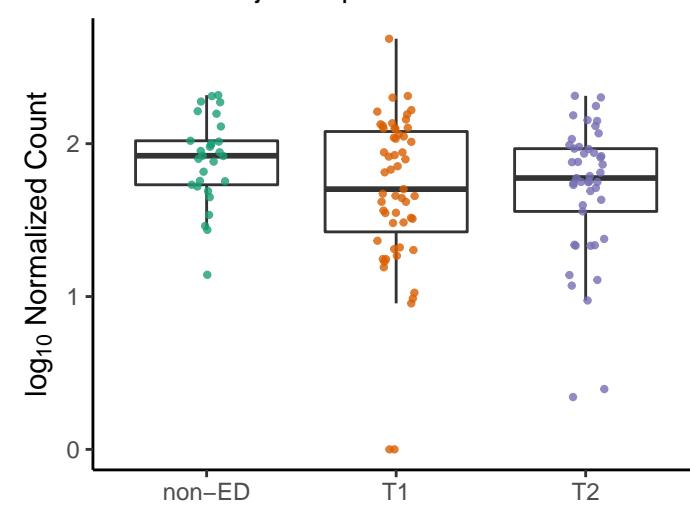
### Methylophaga nitratireducenscrescens

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.87



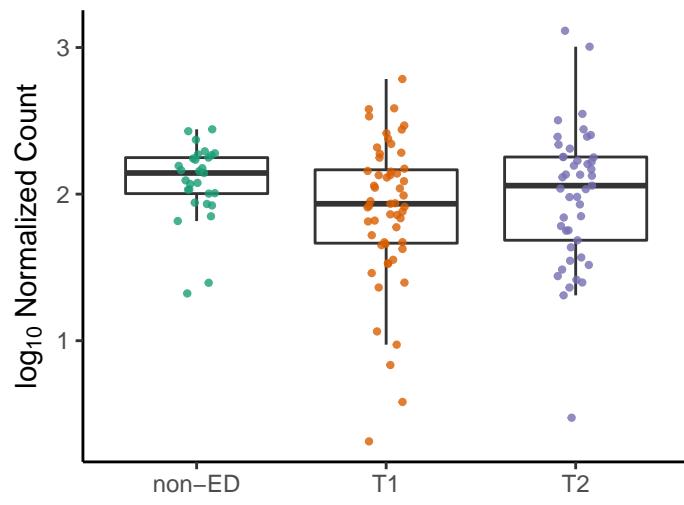
### Caldicellulosiruptor owensesis

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.93



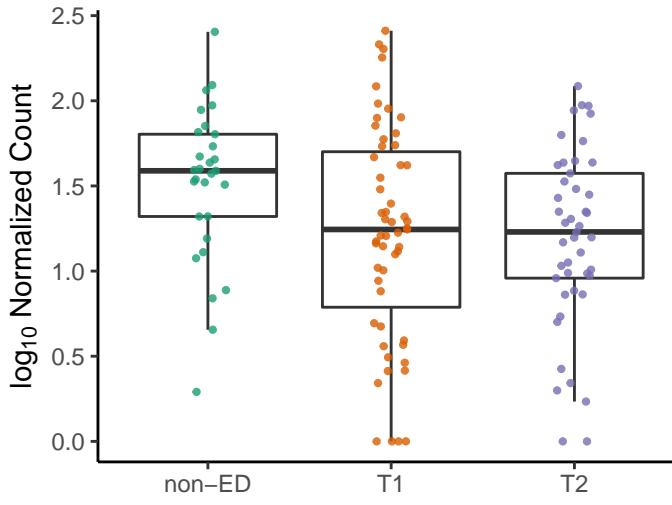
### Nakamurella multipartita

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.33  
T1 vs. T2 adjusted p = 0.85



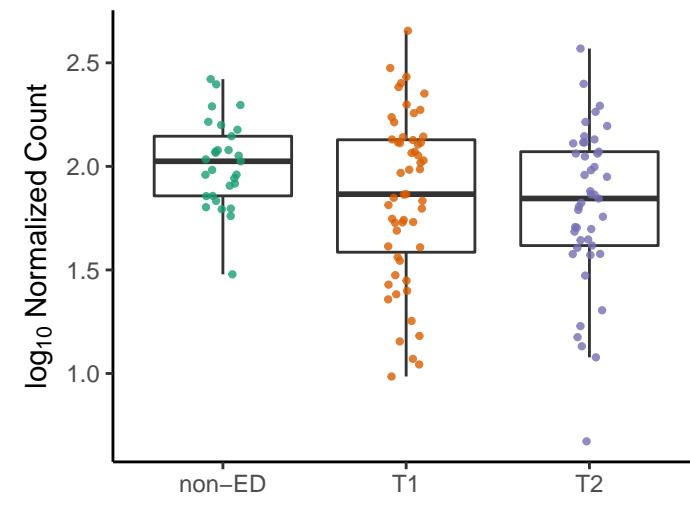
### Cnubacter physcomitrellae

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.94



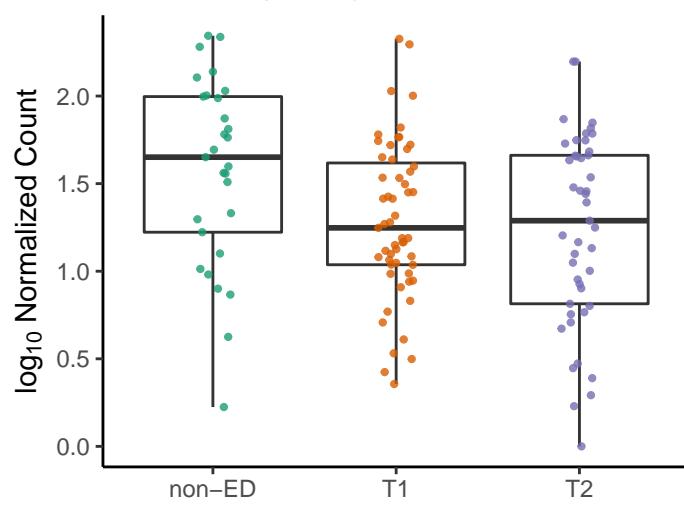
### Sedimentisphaera cyanobacteriorum

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.91



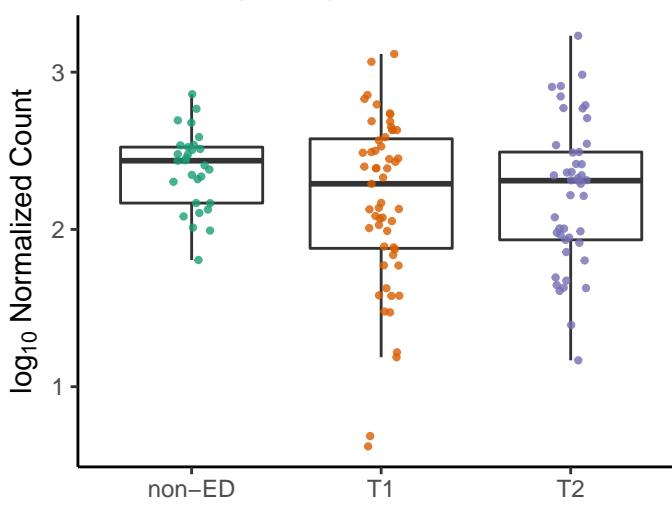
### Spiroplasma clarkii

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.85



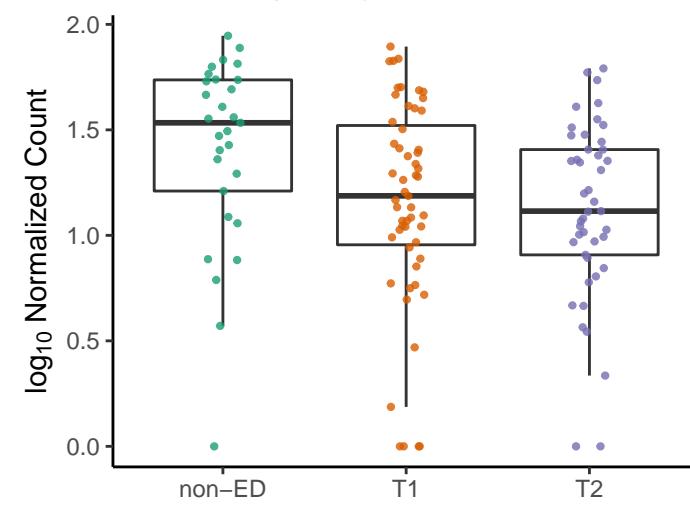
### Thermaerobacter sp. FW80

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.86



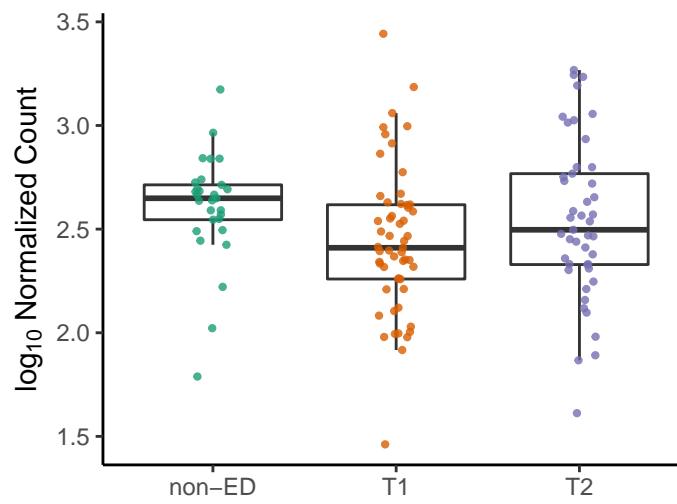
### Candidatus Enterovibrio luxaltus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.87



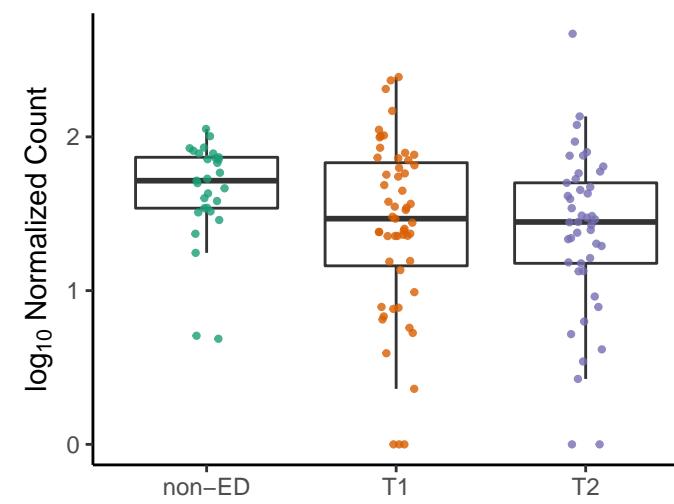
### *Paenibacillus chitinolyticus*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.45  
 T1 vs. T2 adjusted p = 0.85



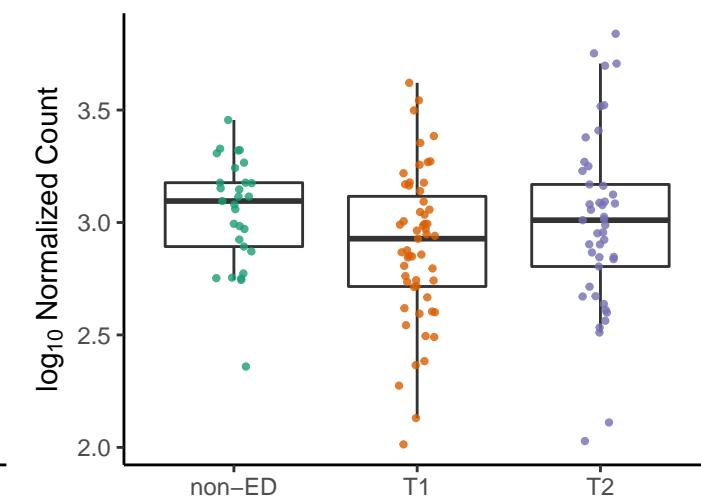
### *Scytonema sp. NIES-4073*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.91



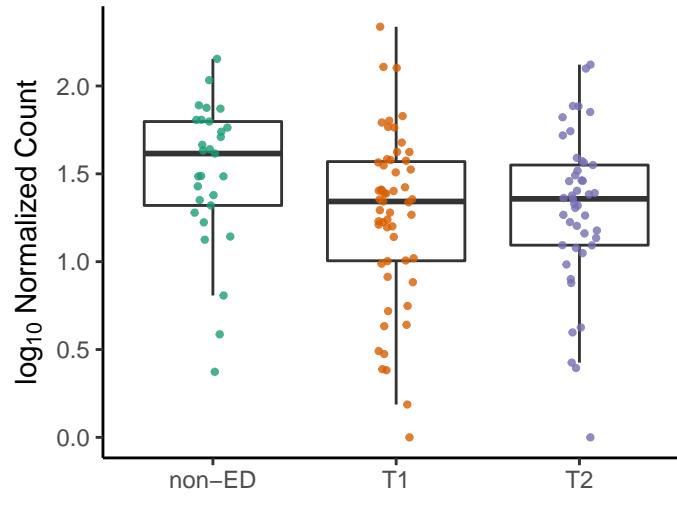
### *Murdochia vaginalis*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.59  
 T1 vs. T2 adjusted p = 0.85



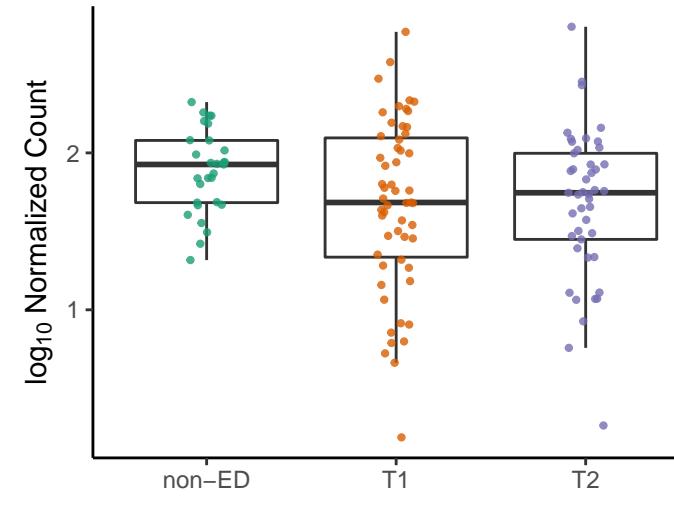
### Unclassified Cycloclasticus Genus

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.87



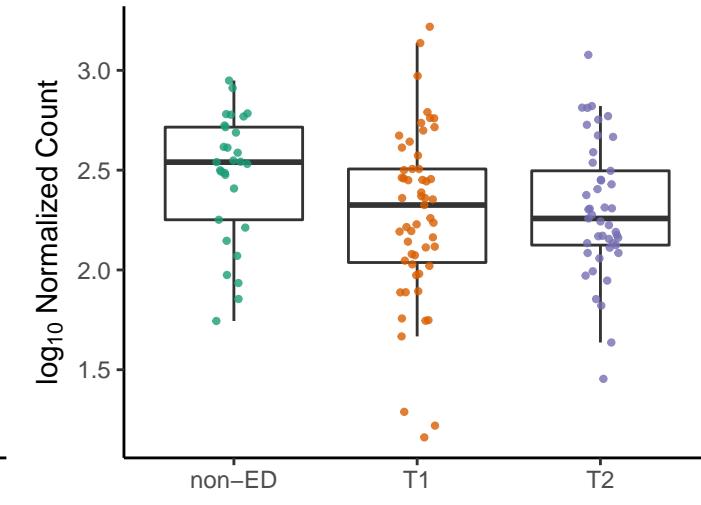
### *Hymenobacter sp. DG25A*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.98



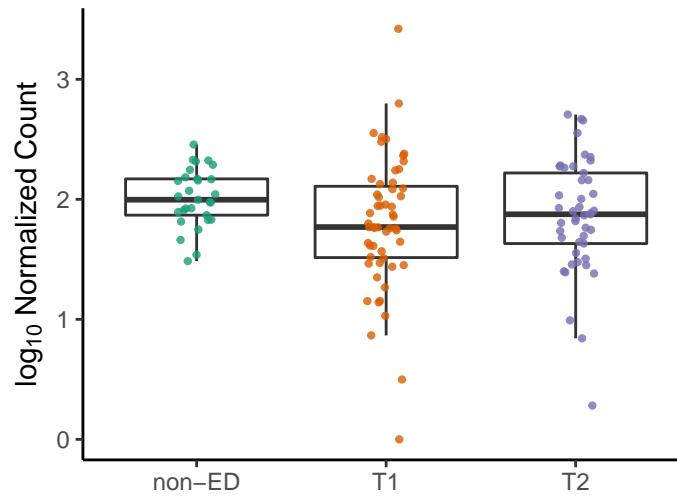
### *Corynebacterium sp. NML98-0116*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.91



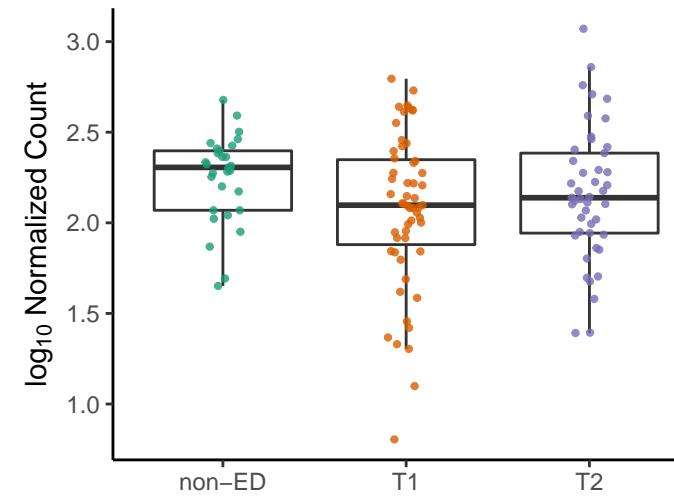
### *Streptomyces fodineus*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



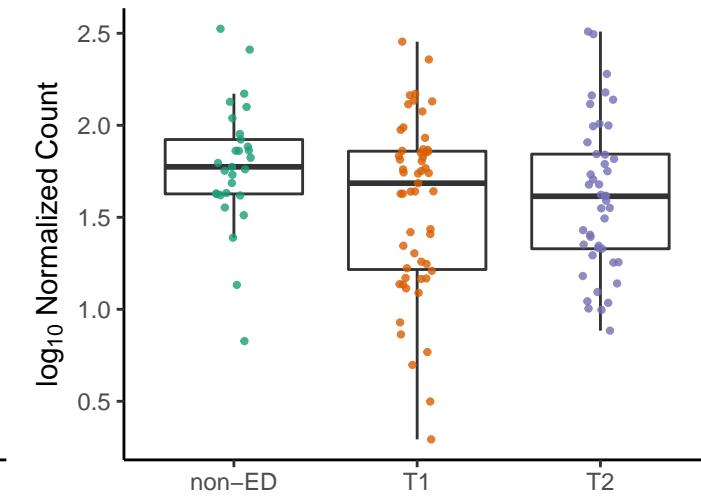
### *Thermothielavioides terrestris*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



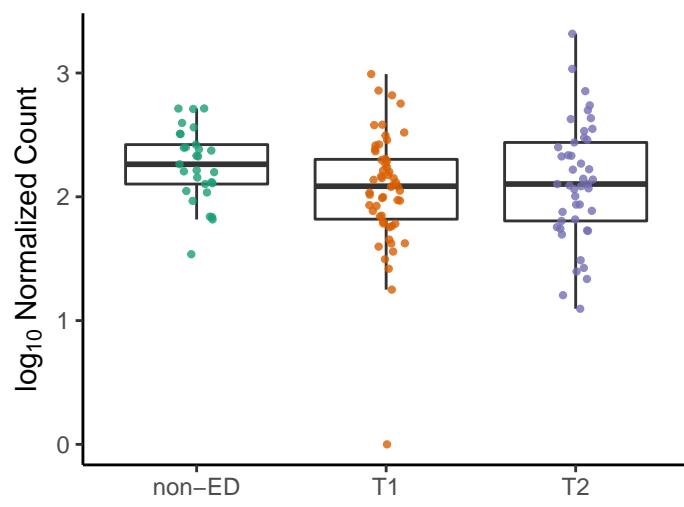
### *Corynebacterium singulare*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.85



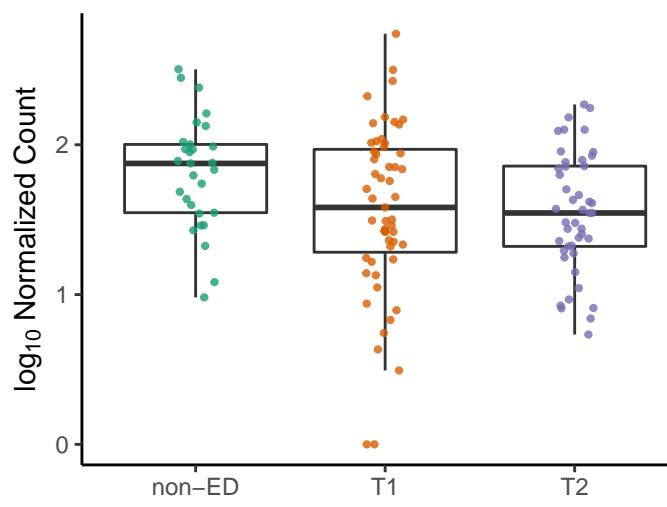
### *Alloactinosynnema* sp. L-07

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



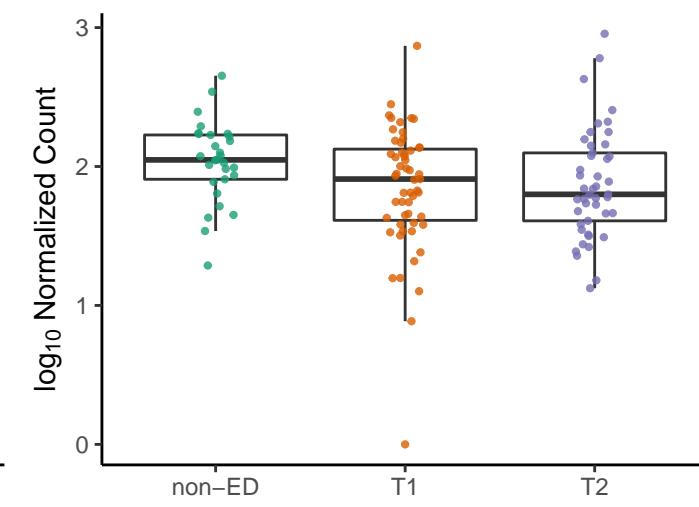
### *Microbacterium* sp. PM5

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.98



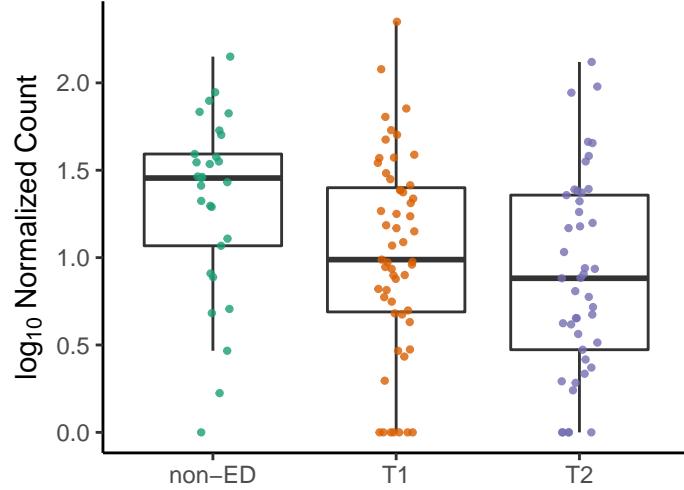
### *Lactobacillus* bifermentans

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.85



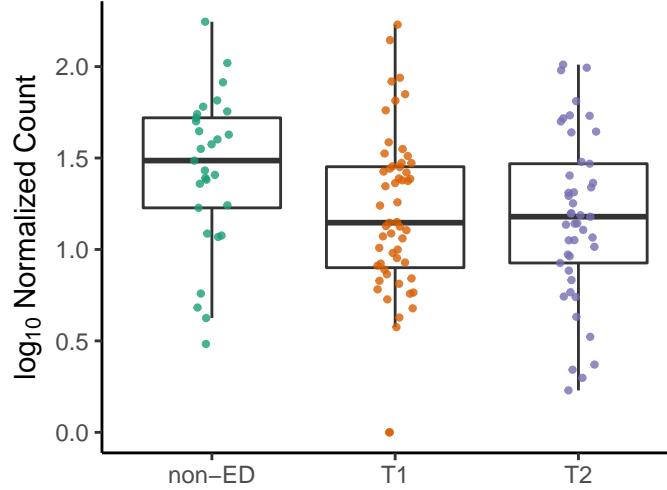
### *Mycoplasma hyorhinis*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.86



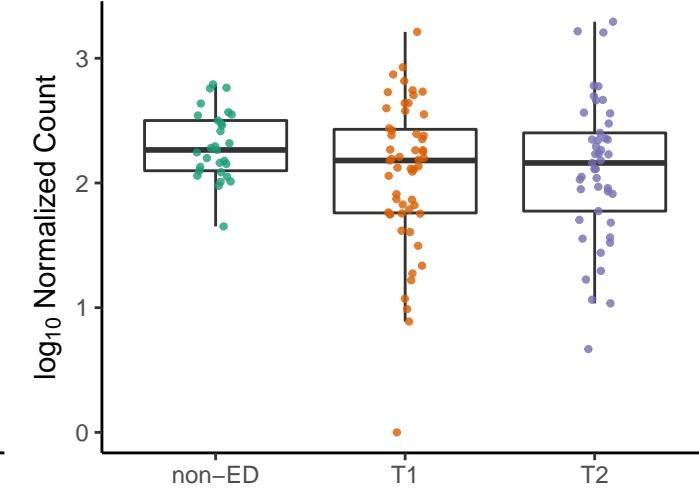
### Unclassified Megamonas Genus

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.92



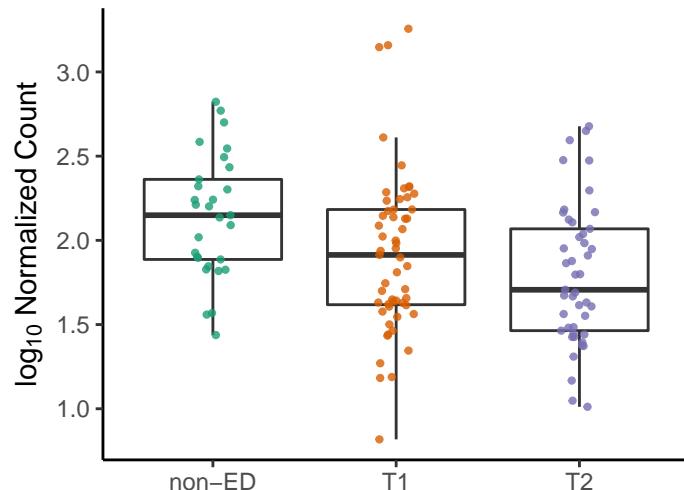
### *Anaeromyxobacter* sp. Fw109-5

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.86



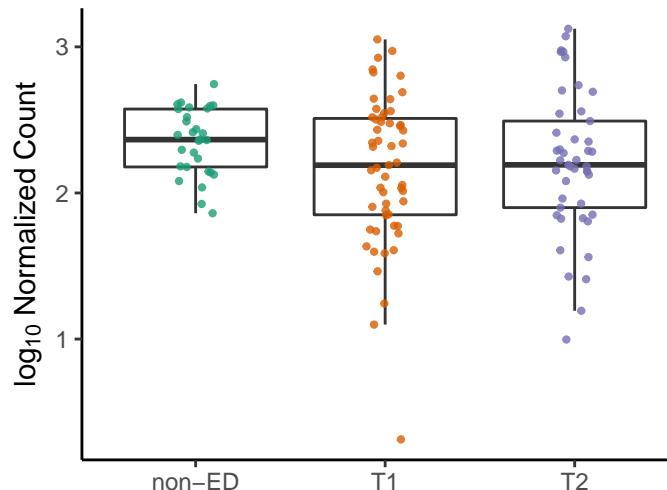
### *Raoultella planticola*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.87



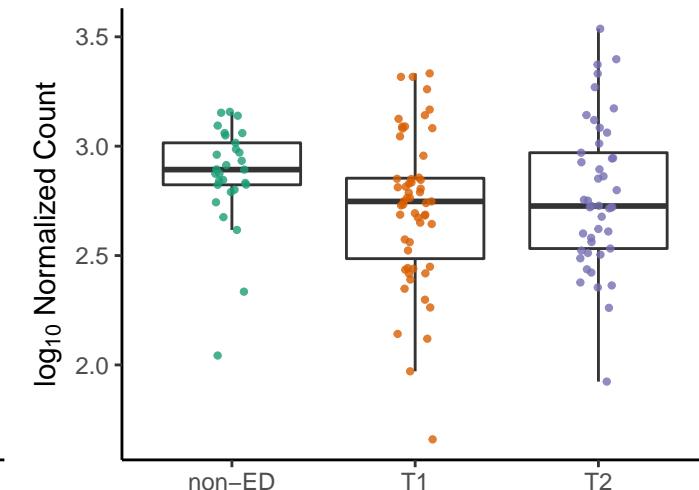
### *Streptomyces* sp. NHF165

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



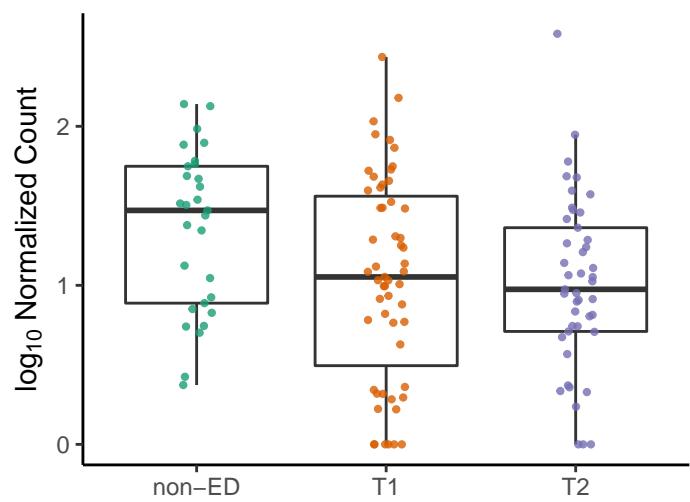
### *Hungateiclostridium thermocellum*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



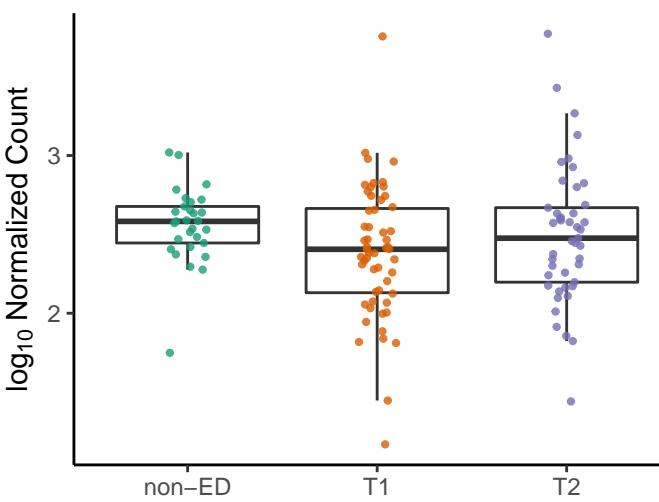
### *Mycoplasma nasistruthionis*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.92



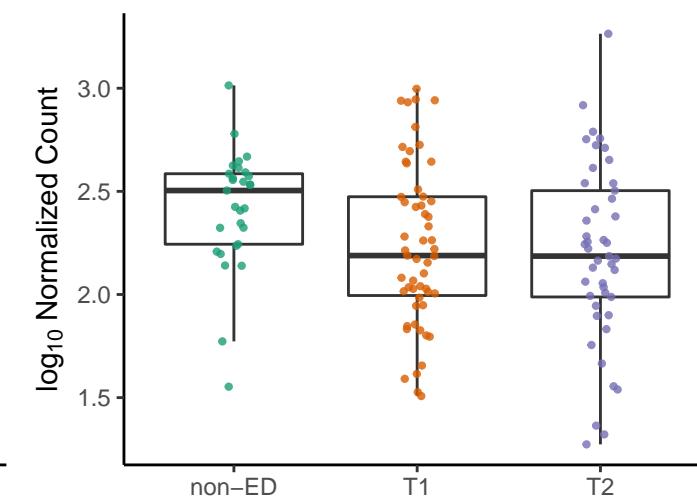
### *Paenibacillus* sp. 32O-W

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.46  
 T1 vs. T2 adjusted p = 0.85



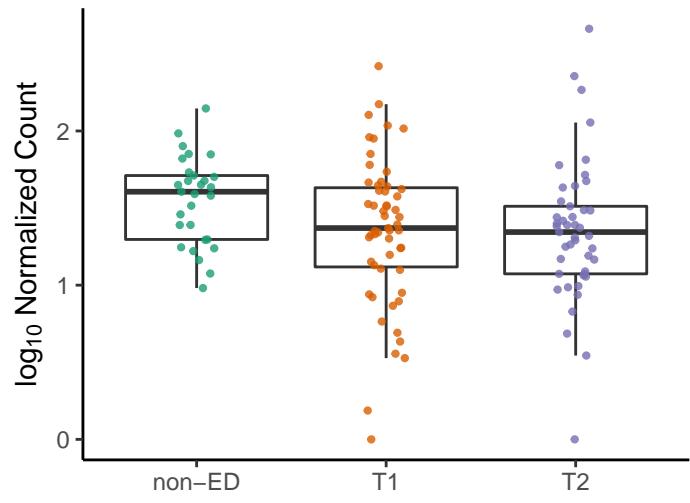
### *Chryseobacterium gleum*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.93



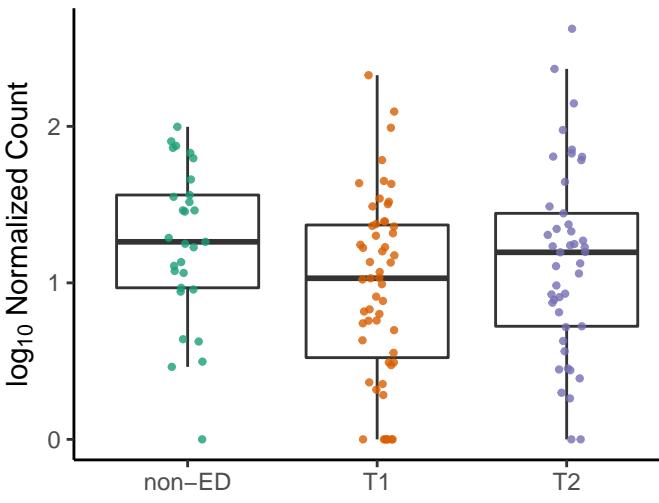
### *Halomonas* sp. GT

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.95



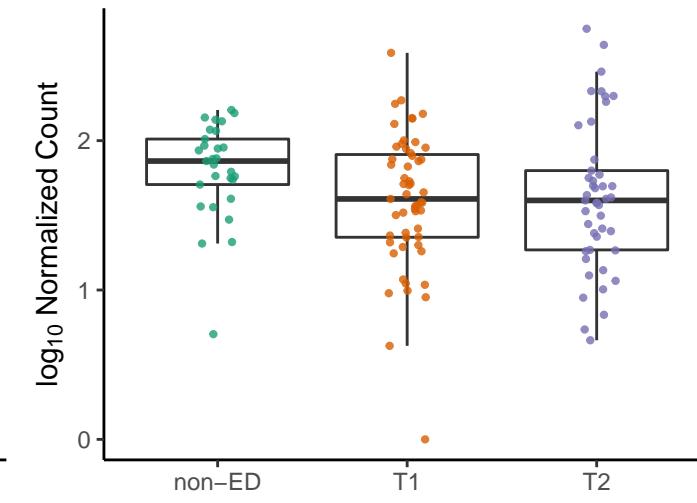
### *Kocuria rhizophila*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



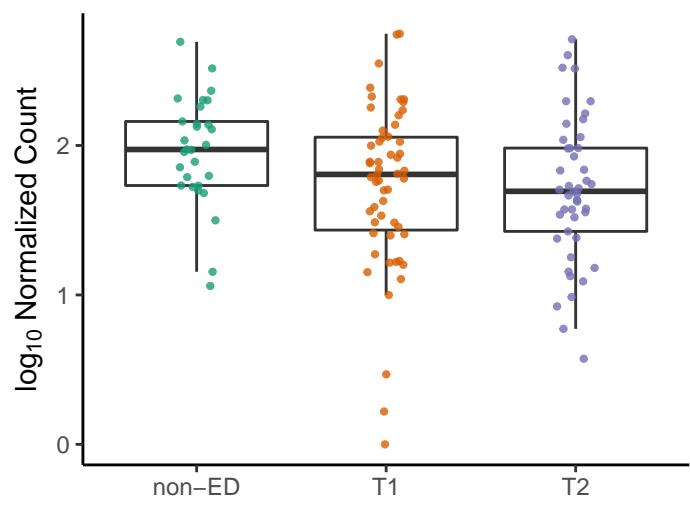
### *Nautilia profundicola*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.98



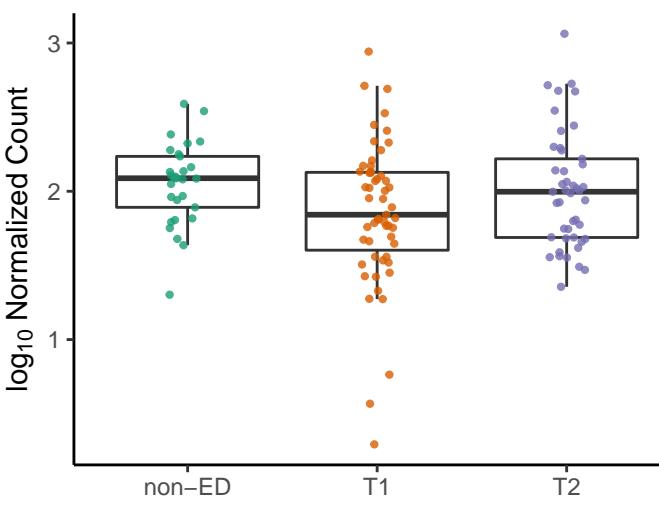
### *Starkeya novella*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.97



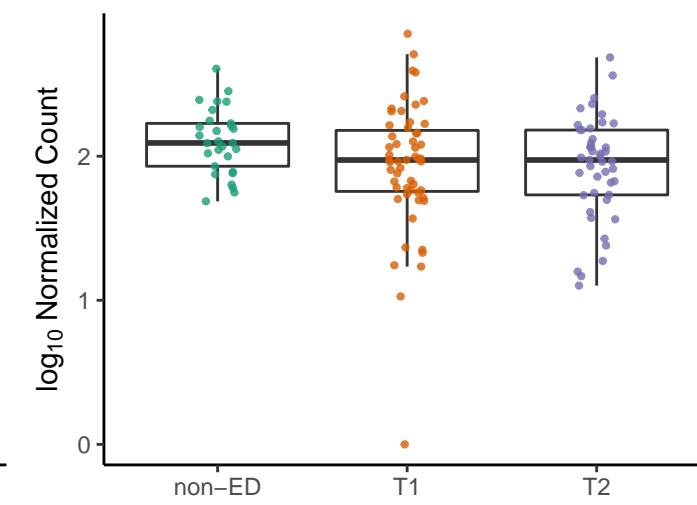
### *Limihaloglobus sulfurophilus*

non-ED vs. T1 adjusted p = 0.041  
 non-ED vs. T2 adjusted p = 0.59  
 T1 vs. T2 adjusted p = 0.85



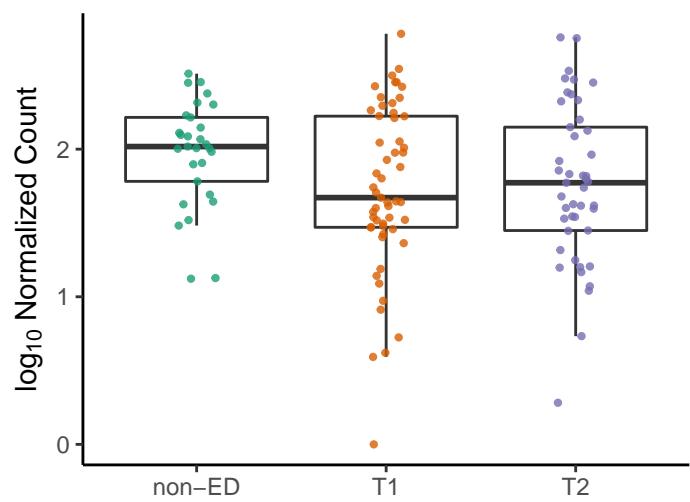
### *Spirochaeta africana*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.97



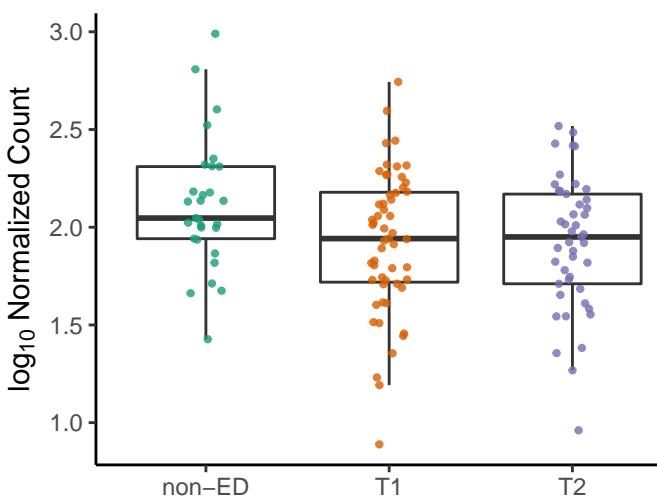
### *Mycolicibacterium fortuitum*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.85



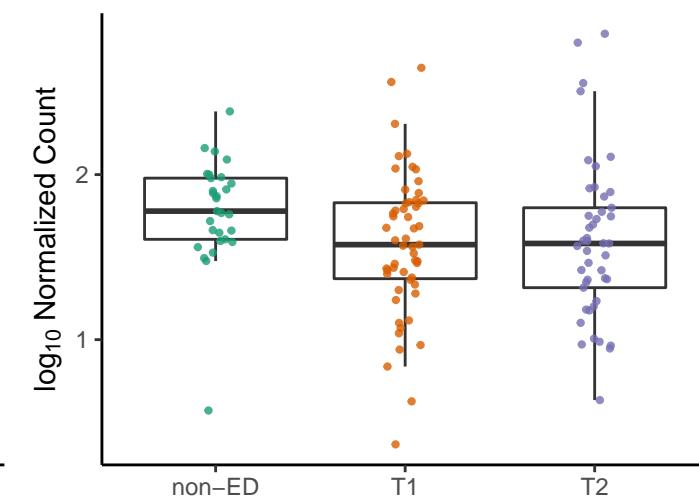
### *Pseudodesulfovibrio profundus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.96



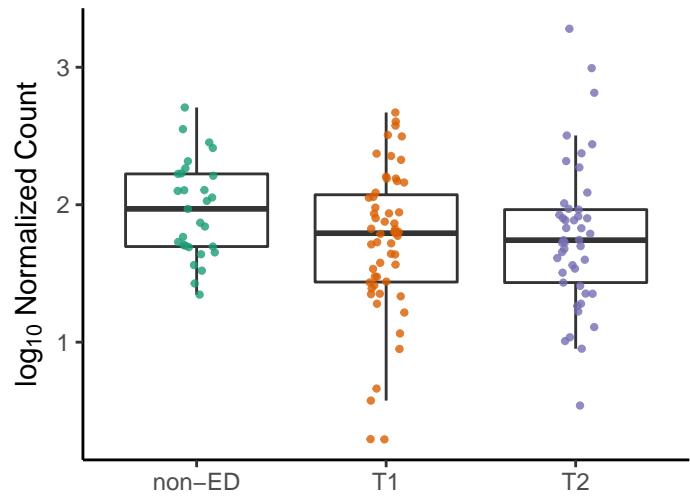
### *Ferrimonas* sp. S7

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.093  
 T1 vs. T2 adjusted p = 0.98



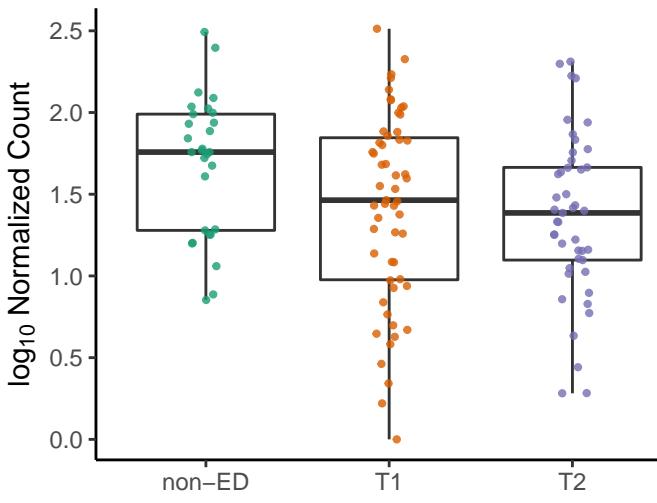
### *Brachybacterium* sp. SGAir0954

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



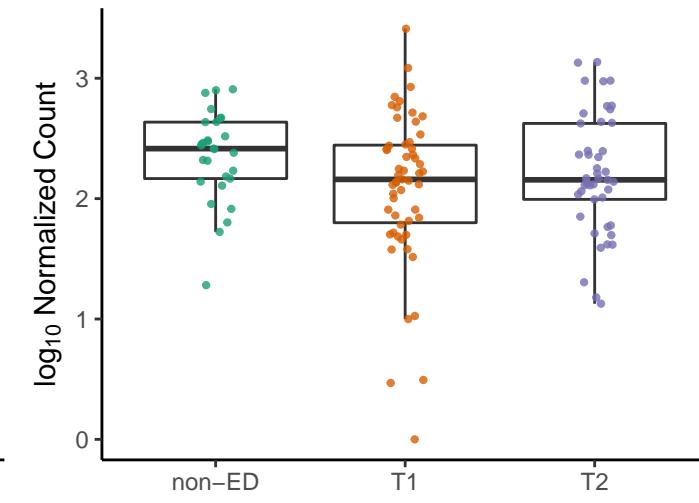
### Unclassified Plantibacter Genus

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.95



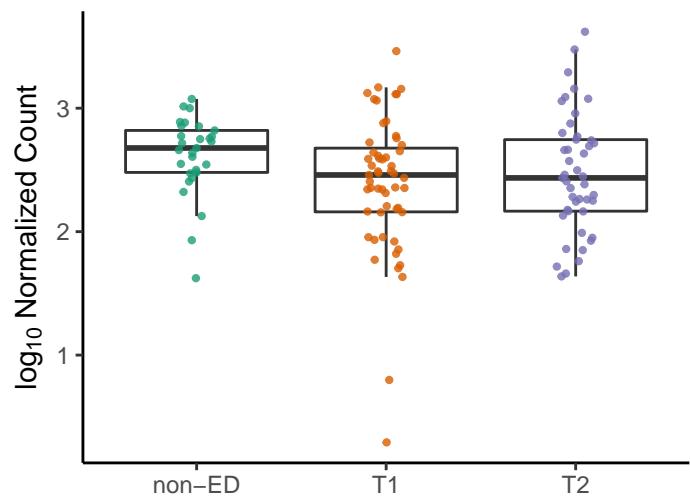
### *Saccharothrix espanaensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



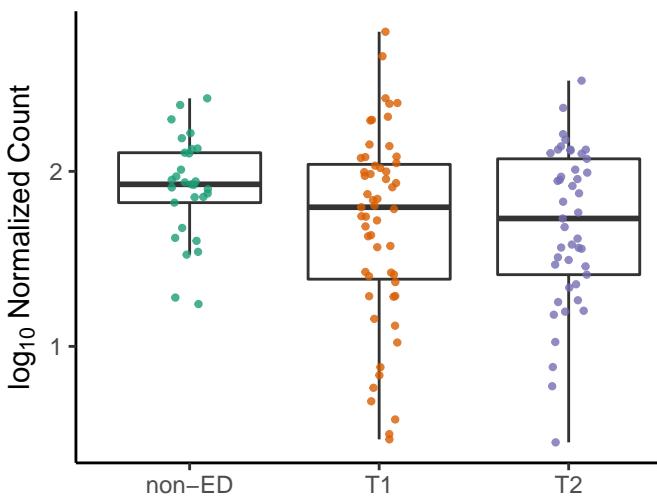
### Unclassified Microbacterium Genus

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



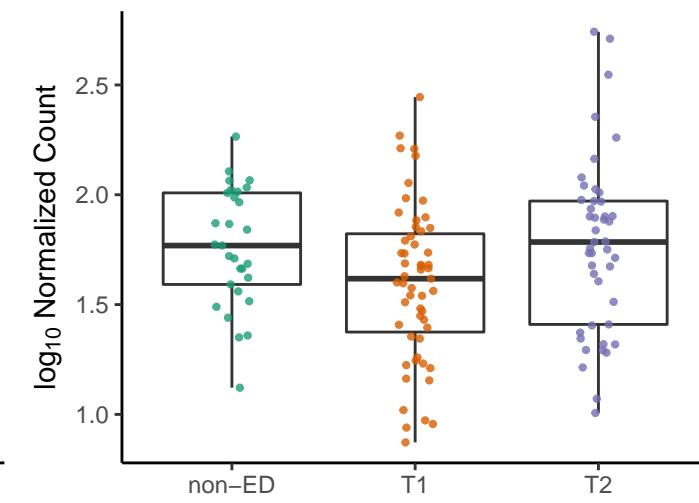
### *Mycolicibacterium boenickei*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.98



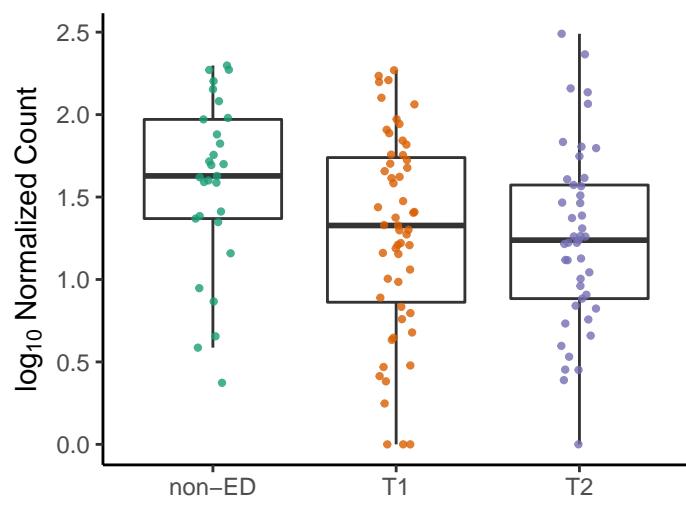
### *Vibrio cincinnatiensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.93  
 T1 vs. T2 adjusted p = 0.85



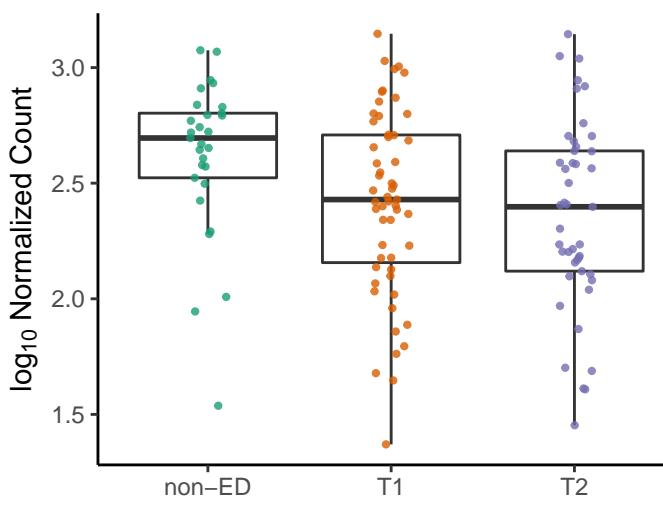
### *Cupriavidus nantongensis*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.98



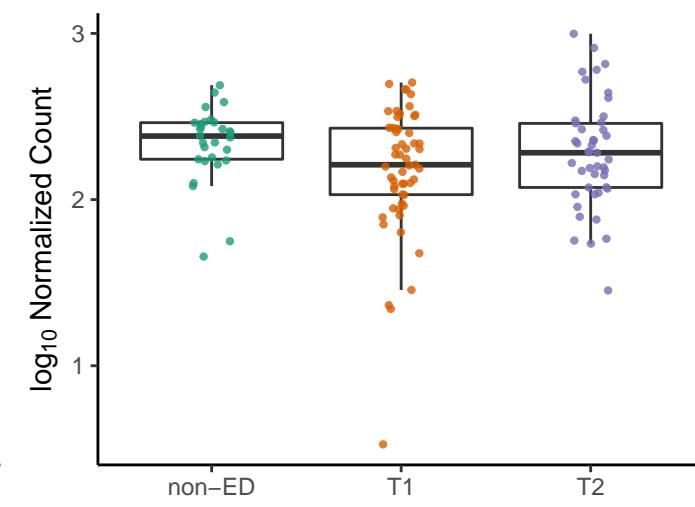
### *Clostridium cellulovorans*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



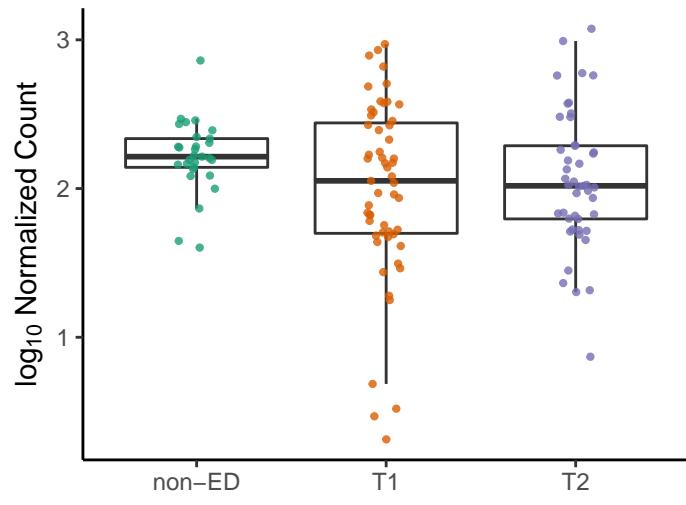
### *Desulfosporosinus meridiei*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



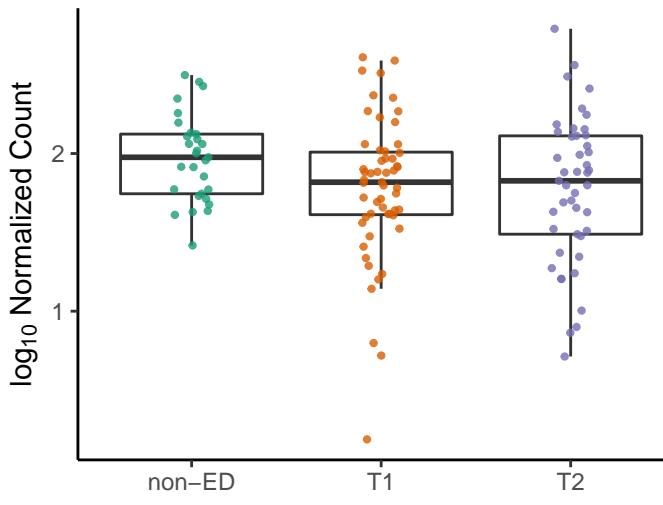
### *Shinella* sp. HZN7

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.87



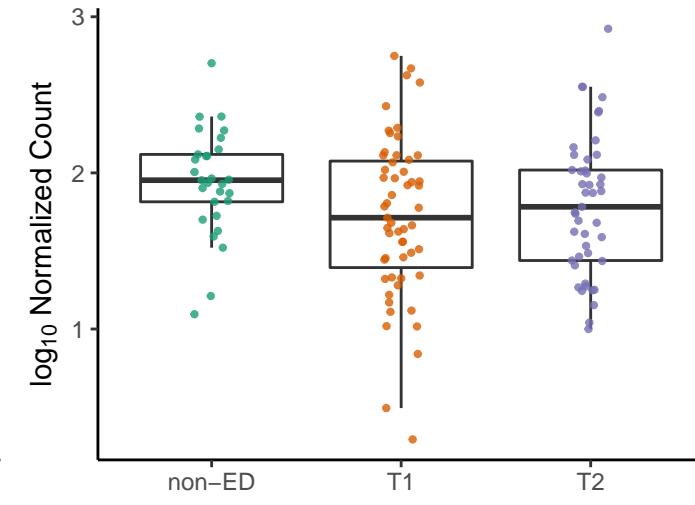
### *Corynebacterium* sp. 1959

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.87



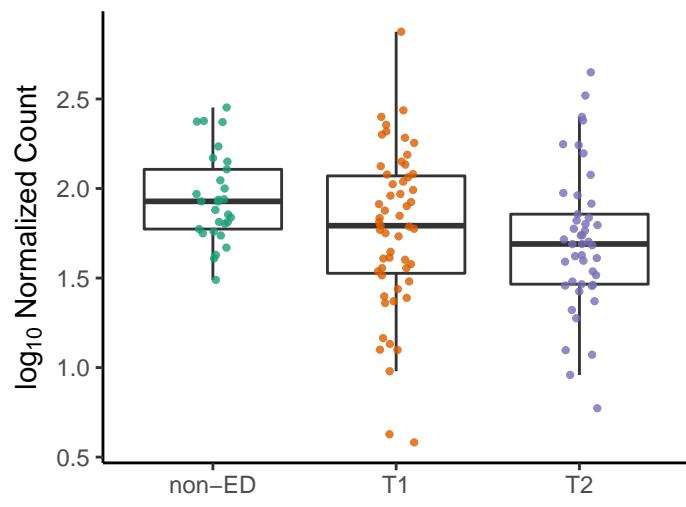
### *Corynebacterium diphtheriae*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



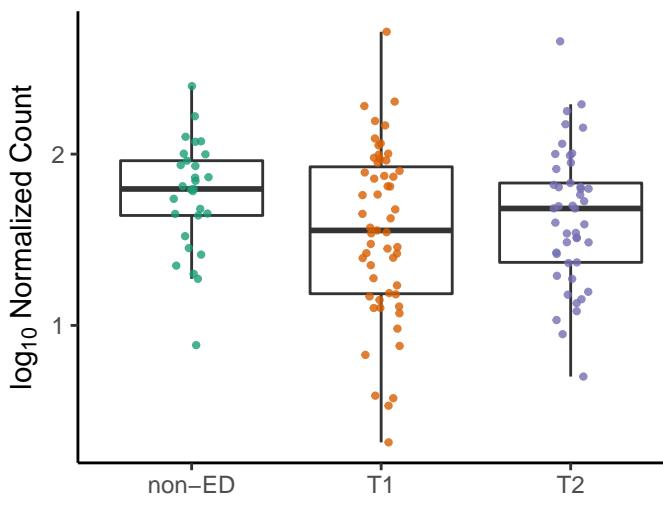
### *Pantoea* sp. At-9b

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.96



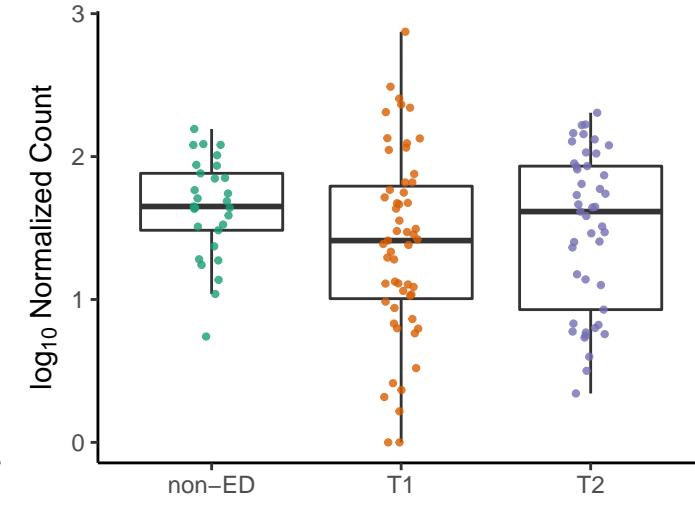
### *Planctomycetes bacterium HG15A2*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



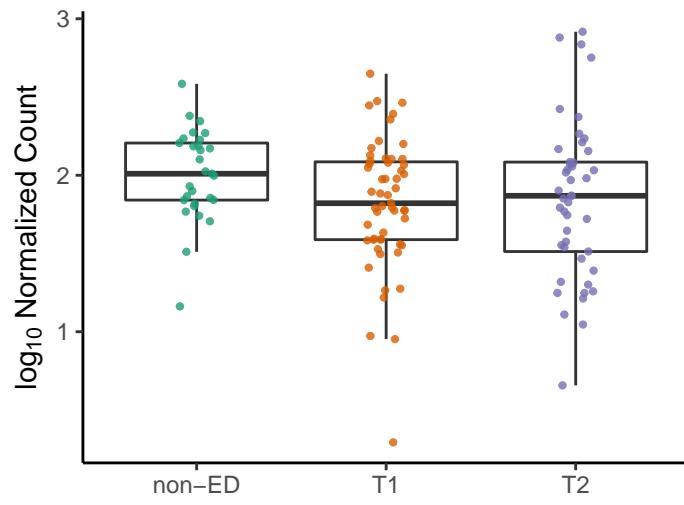
### *Salinarchaeum* sp. Hacht-Bsk1

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



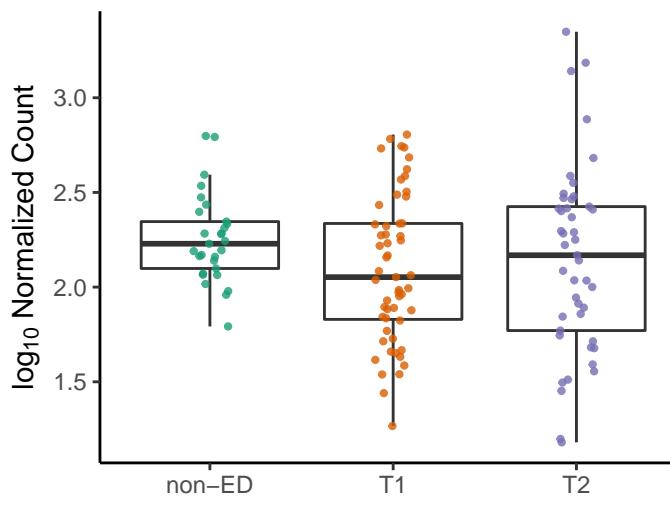
### *Thermobifida fusca*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.96



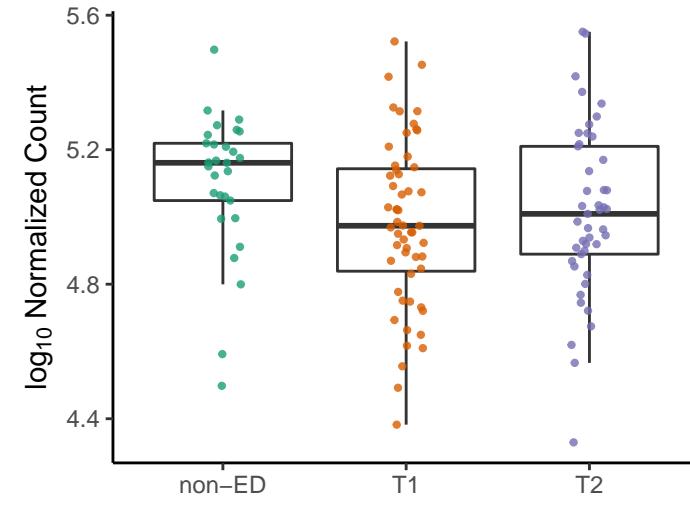
### *Selenomonas* sp. oral taxon 478

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.85



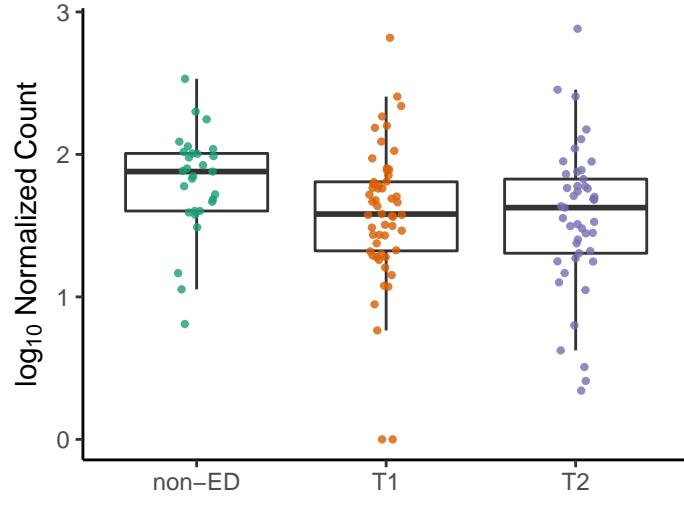
### Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.86



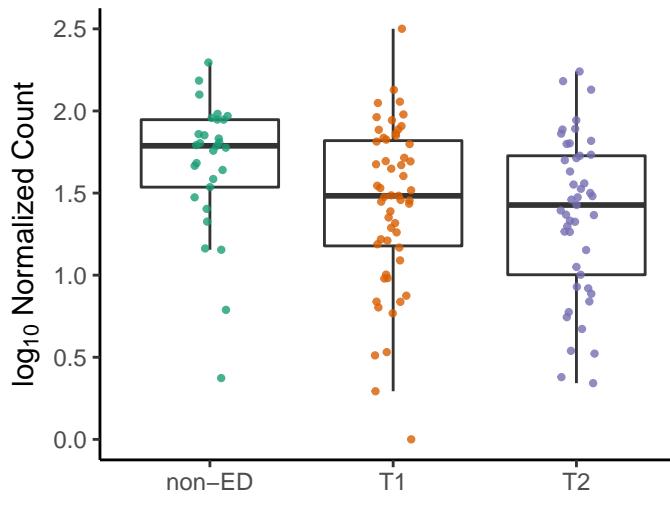
### *Aerococcus viridans*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.91



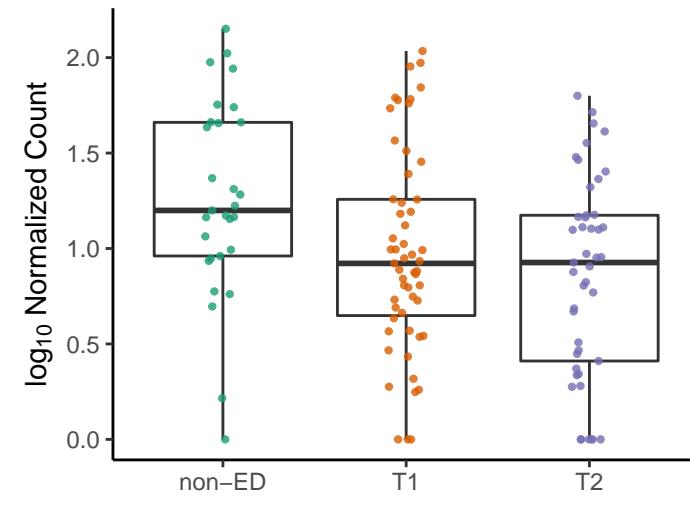
### *Wolbachia* endosymbiont of Ctenoceph

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



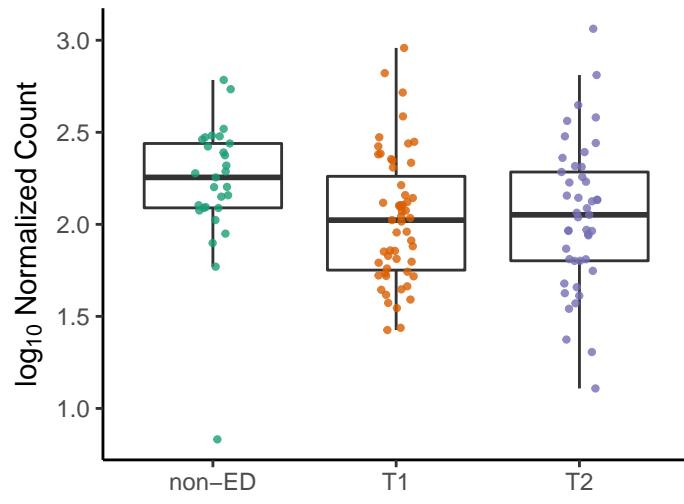
### *Ureaplasma urealyticum*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



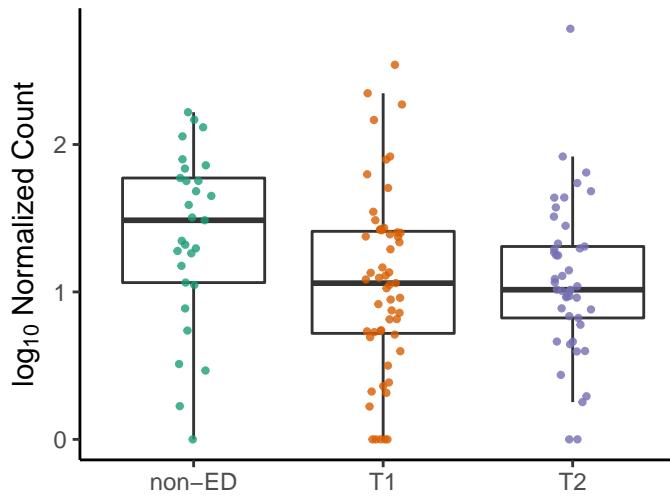
### *Bacillus methanolicus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.96



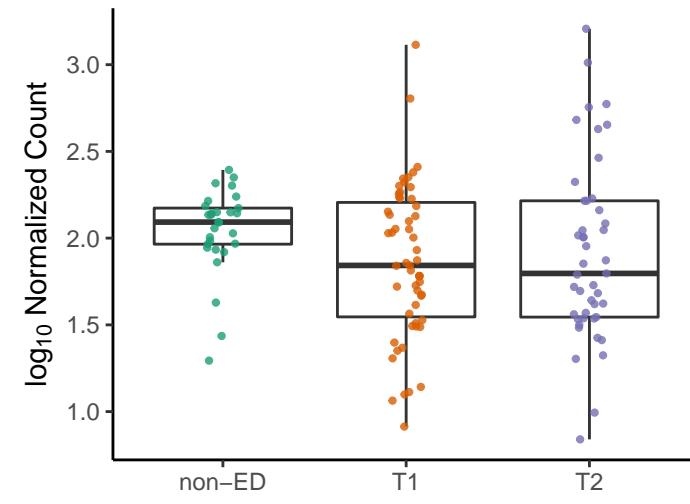
### *Psychrobacter* sp. P11G5

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.92



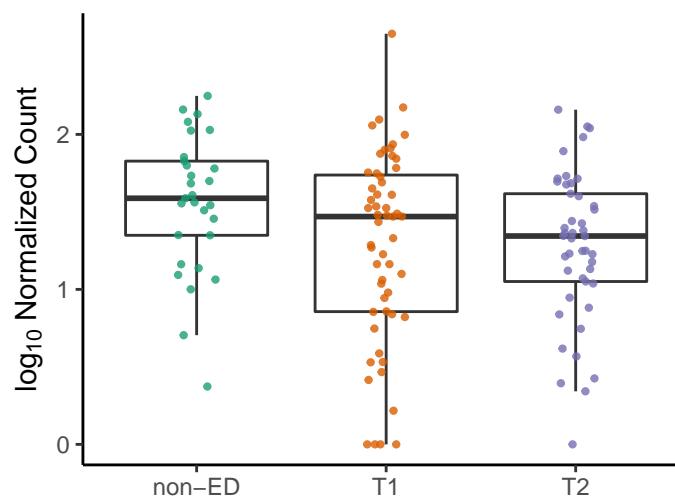
### *Syntrophothermus lipocalidus*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.97



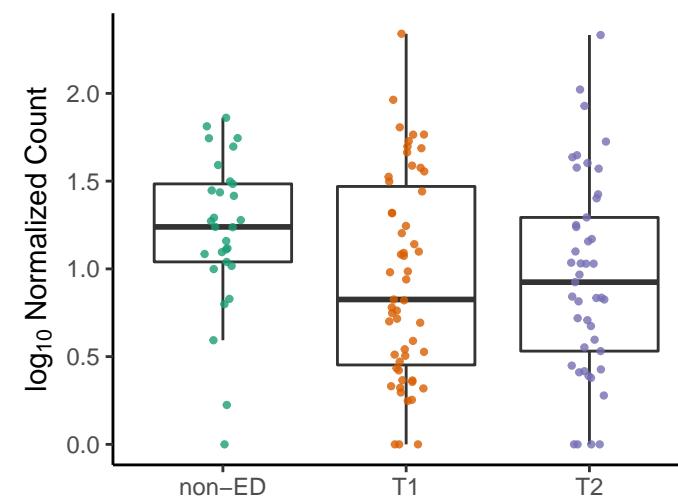
### *Kangiella sediminitoris*

non-ED vs. T1 adjusted p = 0.042  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.94



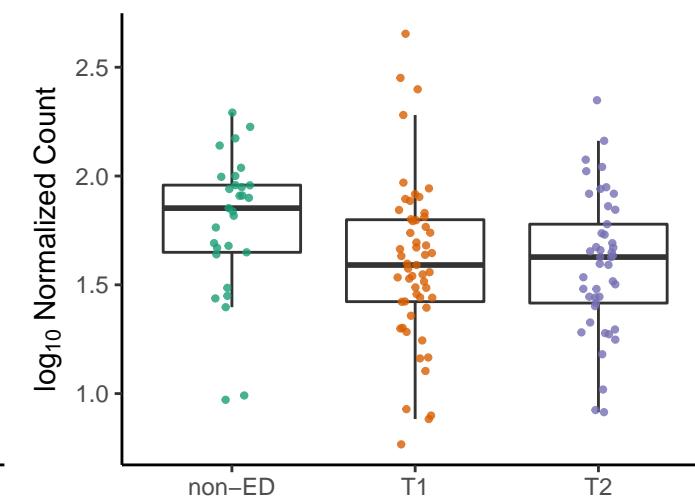
### *Candidatus Cytomitobacter indipagum*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.93



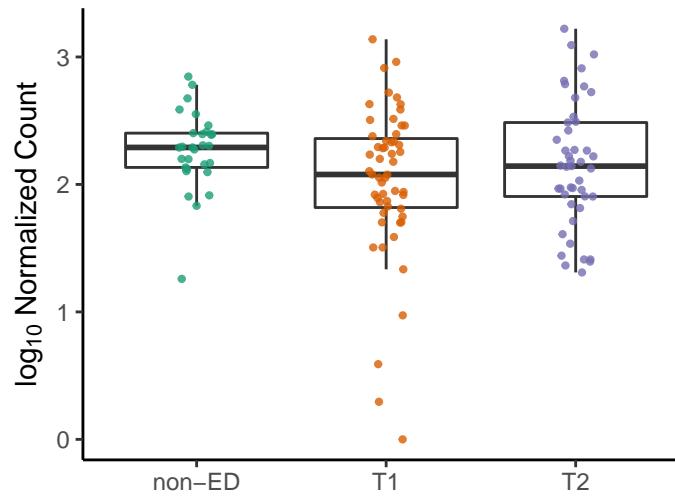
### *Providencia alcalifaciens*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 1



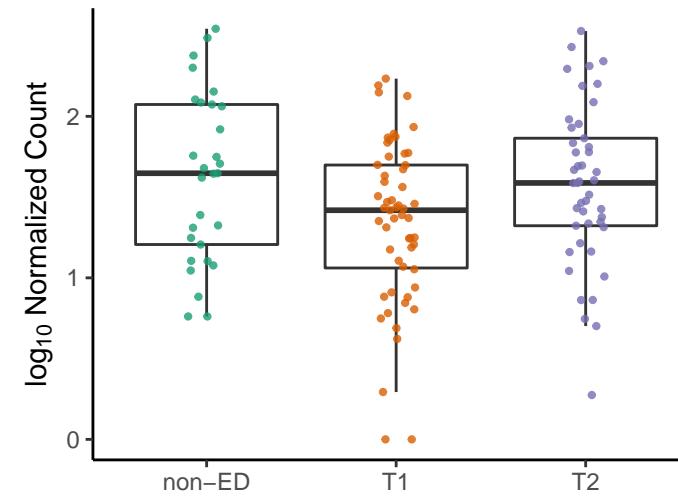
### *Pseudonocardia autotrophica*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



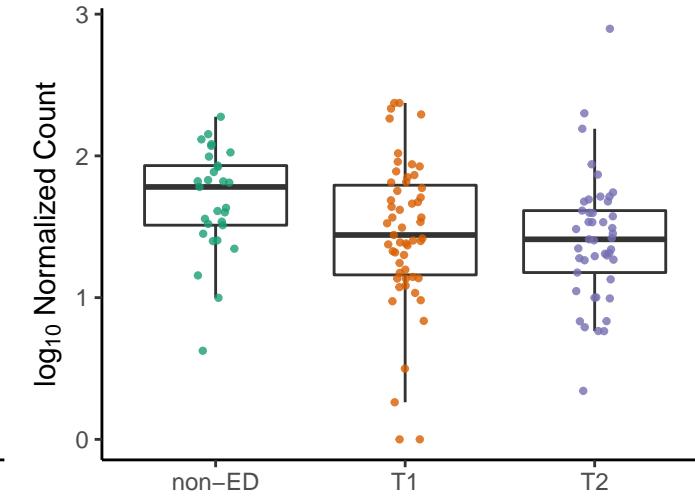
### *Rhizobium flavum*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.71  
 T1 vs. T2 adjusted p = 0.79



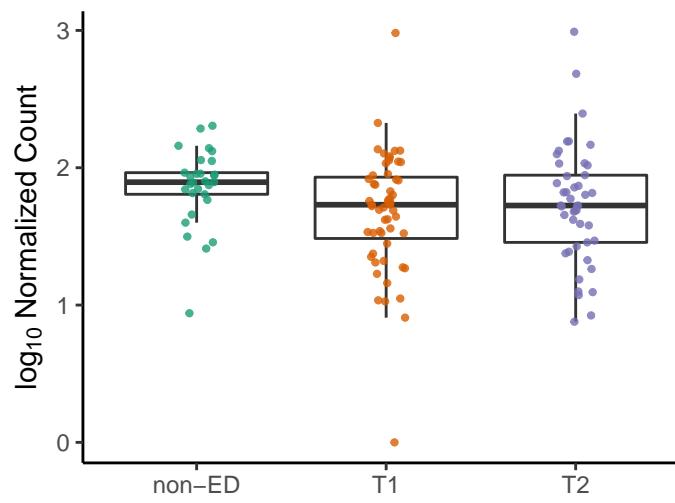
### *Staphylococcus piscifermentans*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



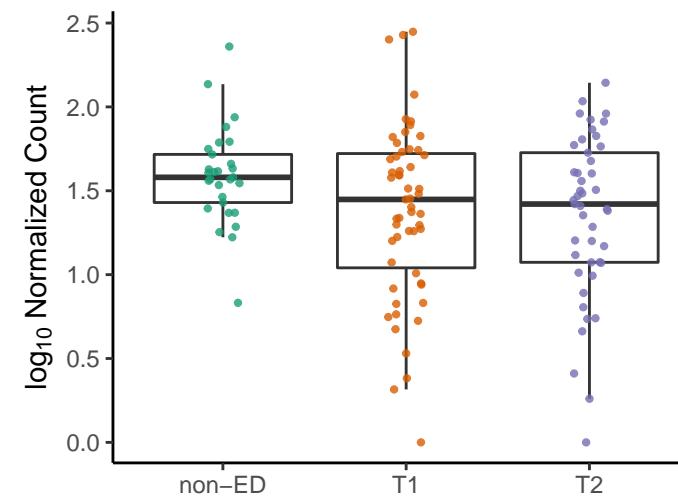
### *Calothrix sp. PCC 7507*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.87



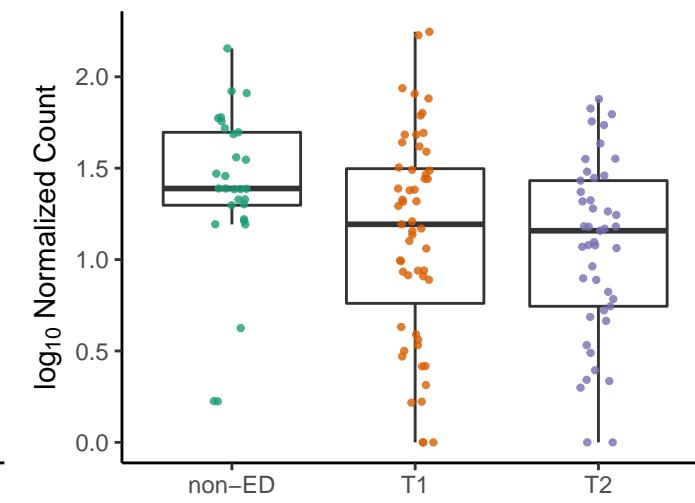
### *Pseudomonas kribbensis*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.87



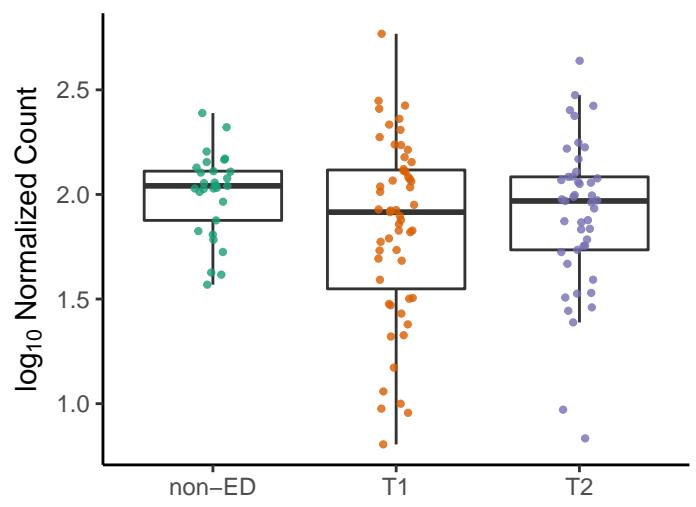
### *Thermococcus sibiricus*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.86



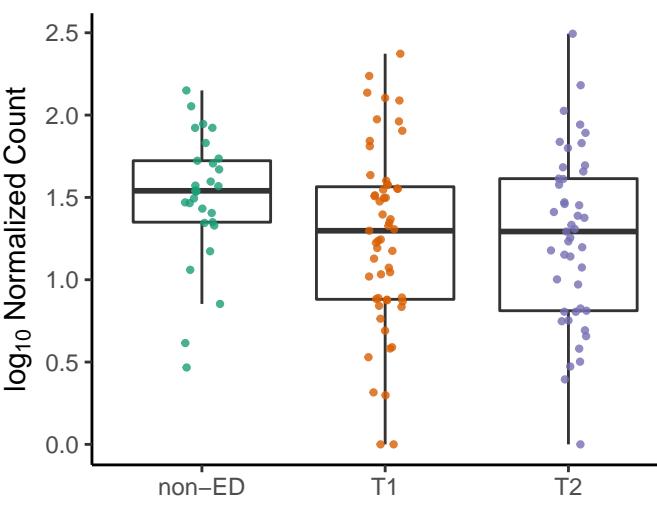
### *Mucilaginibacter mallensis*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.88



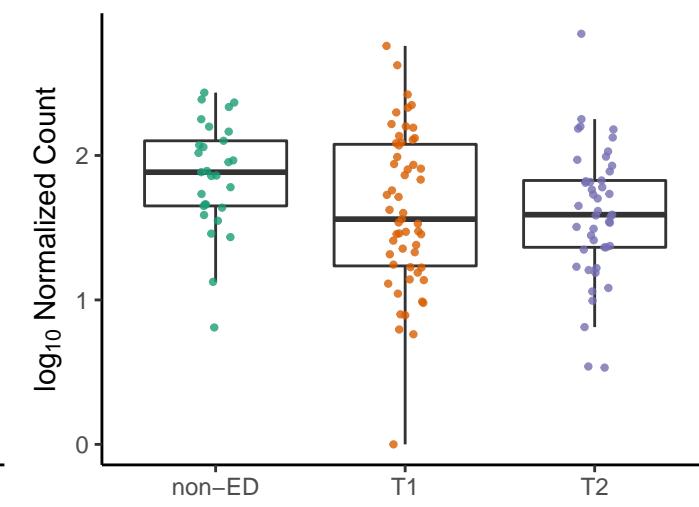
### *Dokdonia* sp. Dokd-P16

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



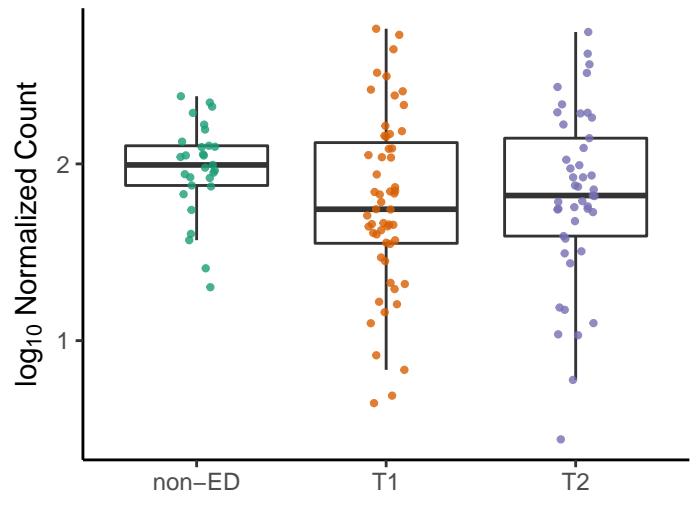
### *Erythrobacter atlanticus*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.98



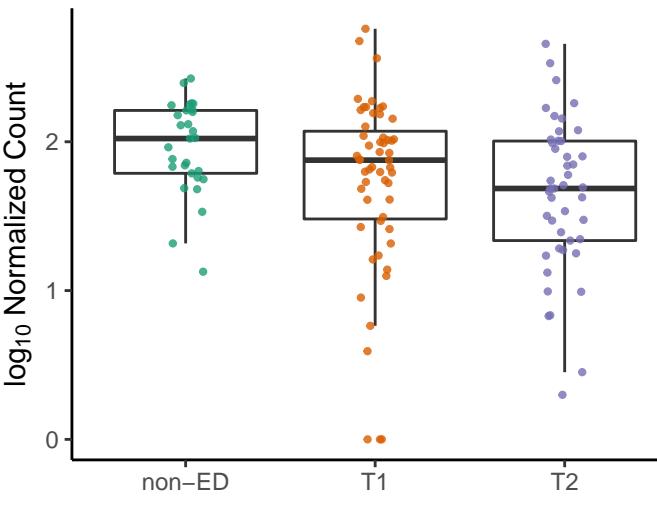
### *Gemmamonas phototrophica*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



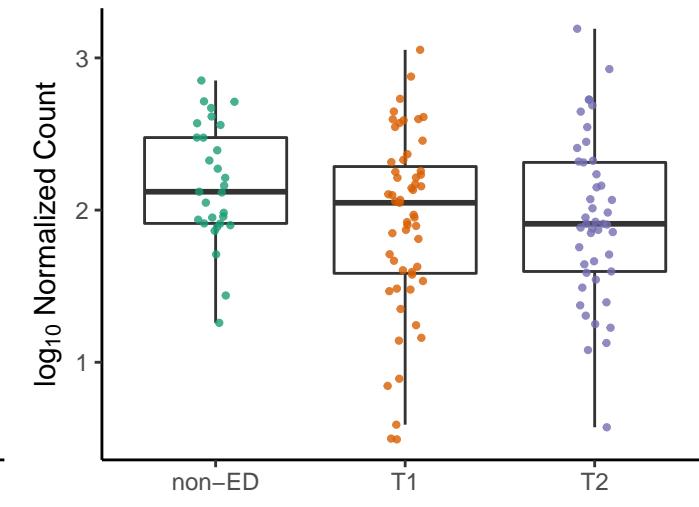
### *Mycobacterium saskatchewanense*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.87



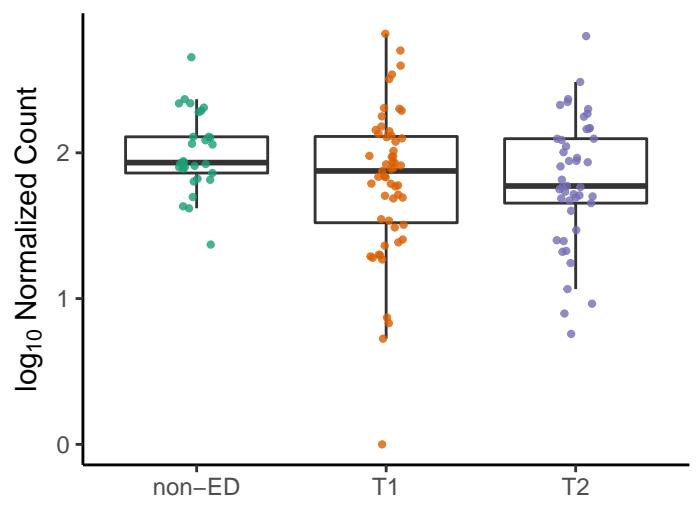
### *Oceanithermus profundus*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.88



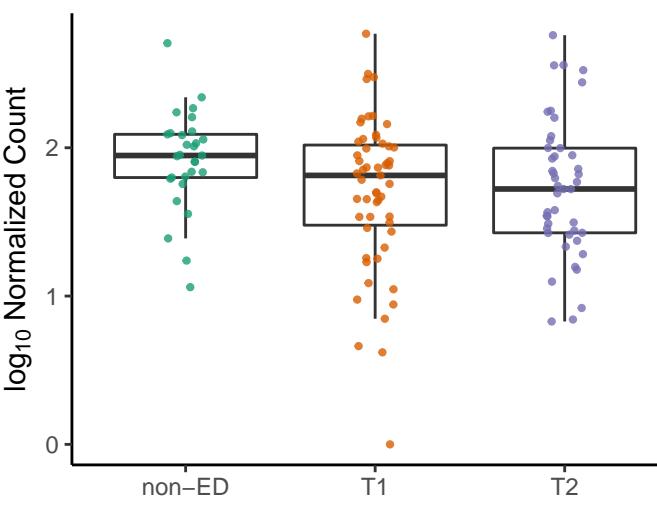
### *Thalassospira xiamenensis*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.95



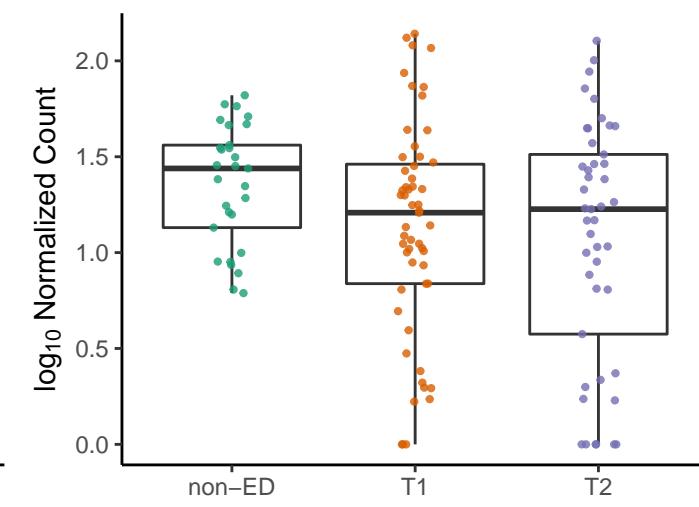
### *Mycobacterium paragordonae*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.85



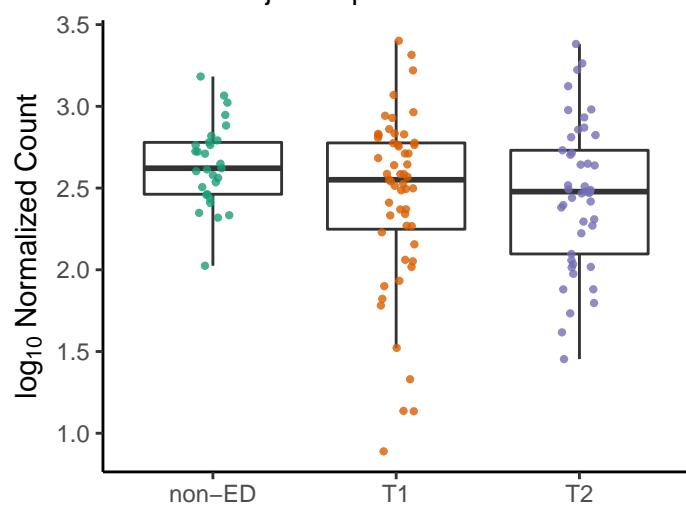
### *Caldisphaera lagunensis*

non-ED vs. T1 adjusted p = 0.043  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.86



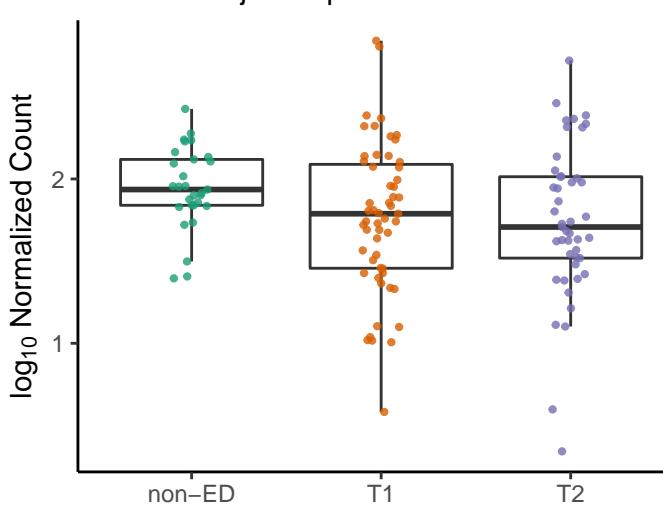
### Unclassified Deltaproteobacteria Class

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.93



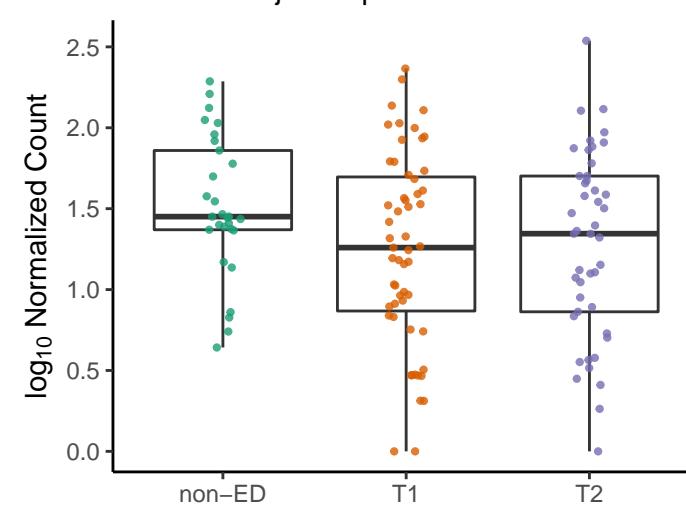
### *Halobacteriovorax marinus*

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 1



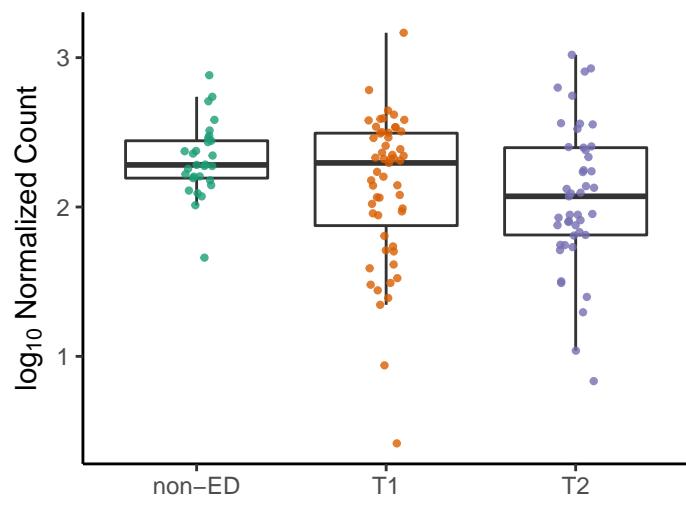
### *Gemella* sp. oral taxon 928

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.97



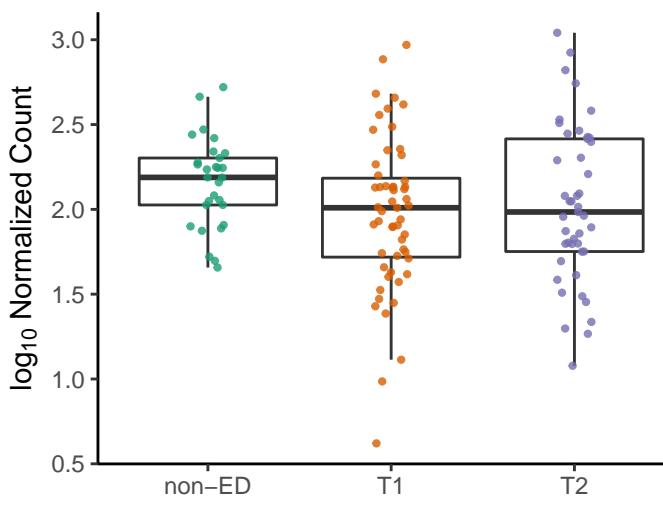
### *Desulfovibrio alaskensis*

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.96



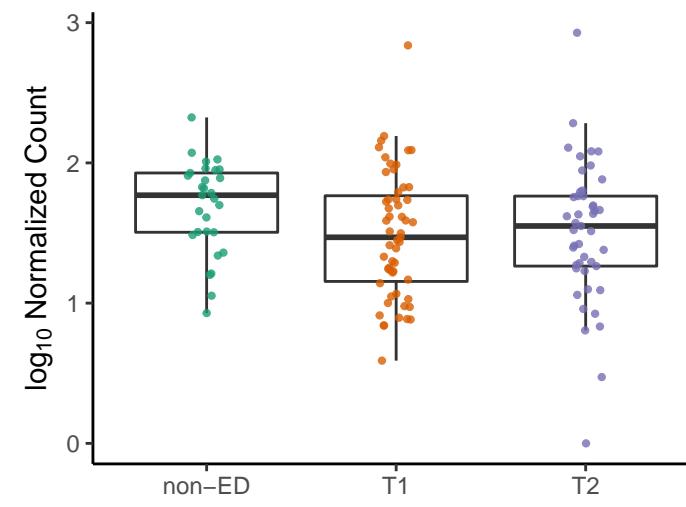
### *Microbacterium oxydans*

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.86



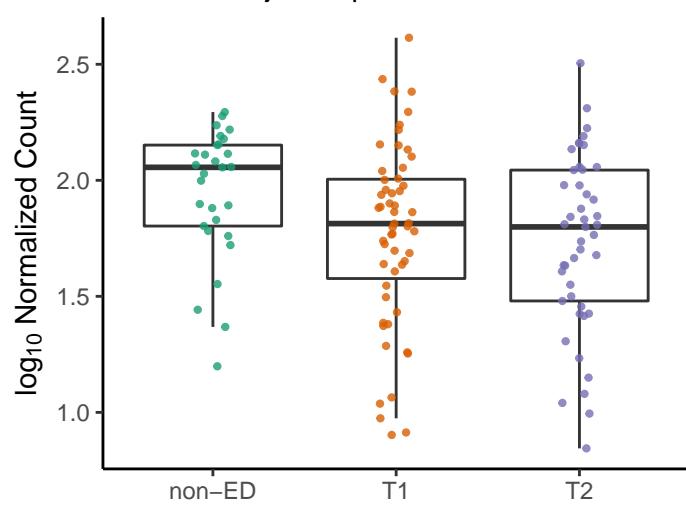
### *Candidatus Planktophila dulcis*

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.91



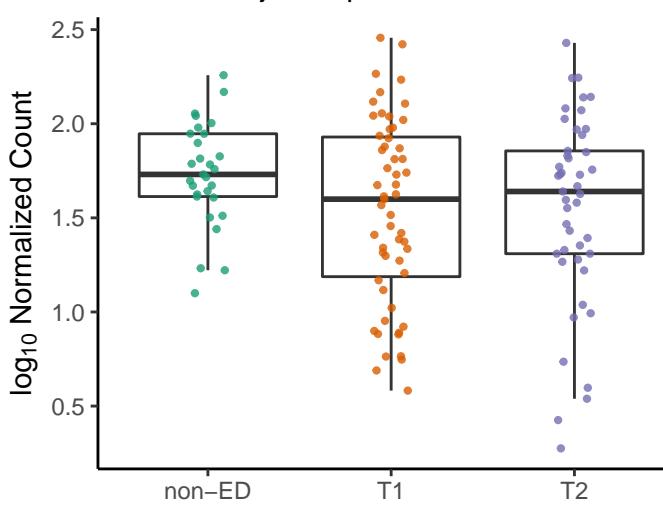
### *Candidatus Kuenenia stuttgartiensis*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.91



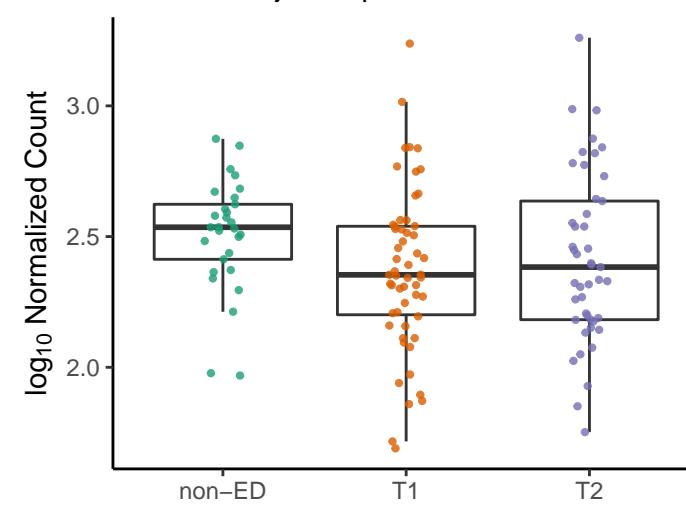
### *Sphingomonas* sp. HDW15B

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.87



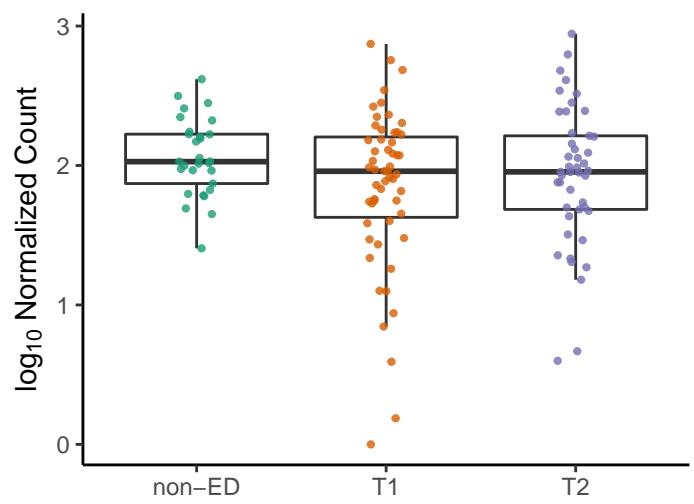
### *Desulfitobacterium dehalogenans*

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



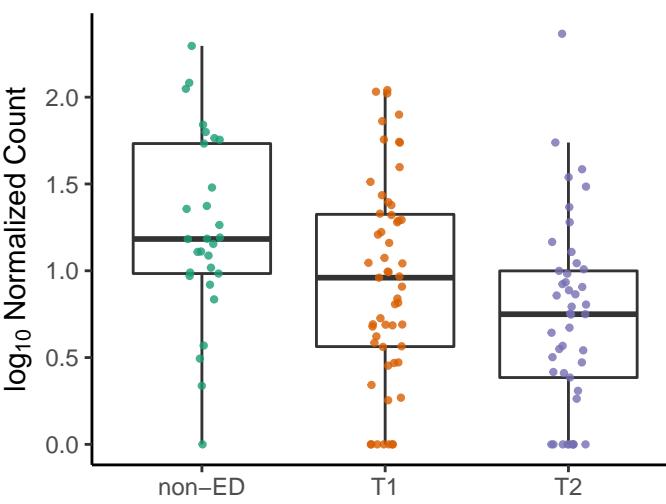
### *Streptomyces aureoverticillatus*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



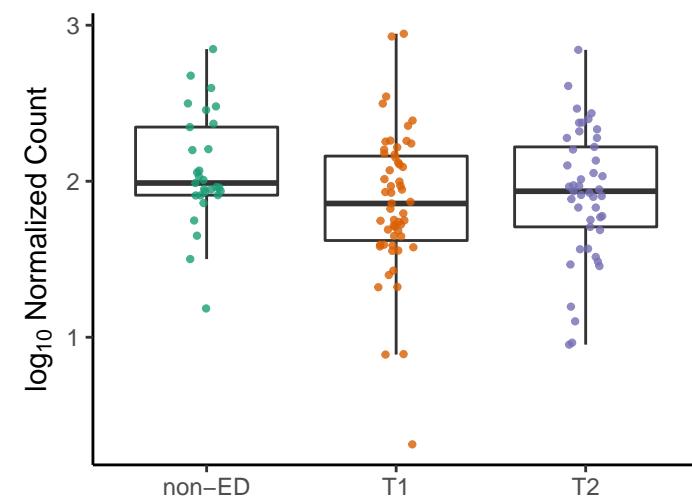
### *Pseudomonas sp. GR 6-02*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.0037  
 T1 vs. T2 adjusted p = 0.84



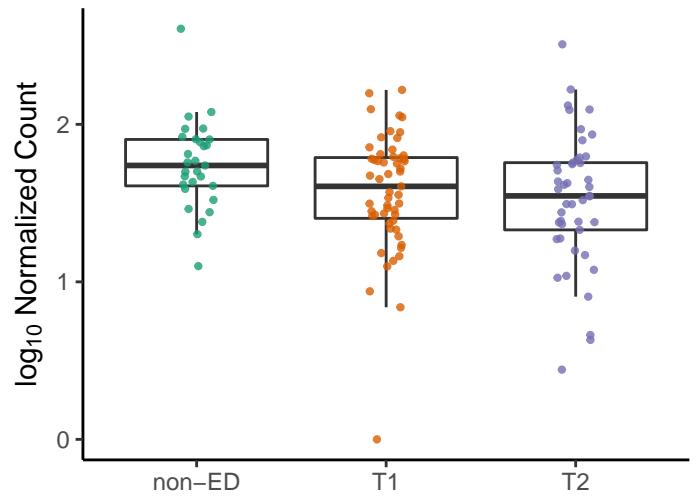
### *Microlunatus phosphovorus*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



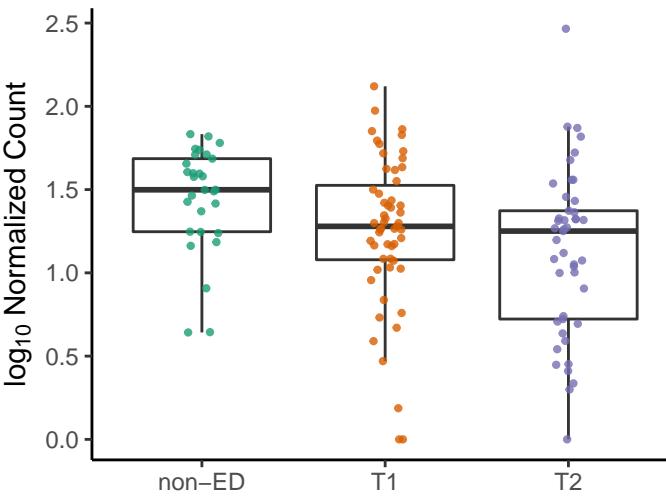
### *Salinimonas sp. KX18D6*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.97



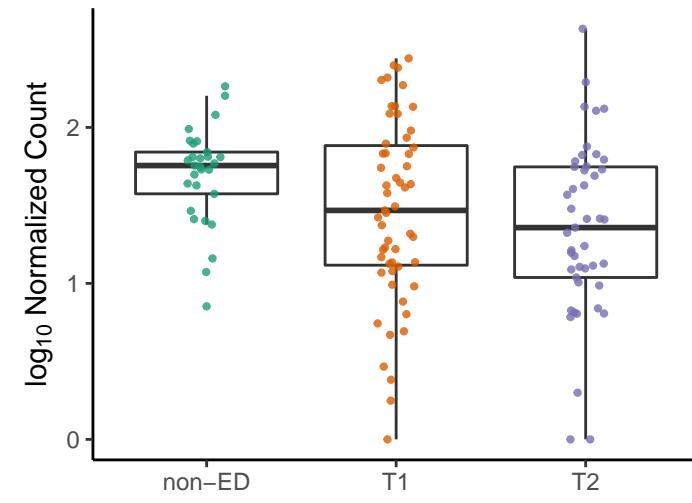
### *Moritella marina*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



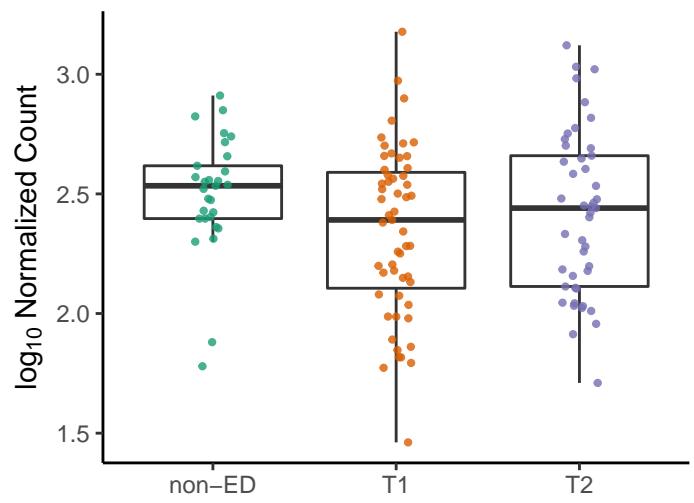
### *Xenorhabdus hominickii*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.0094  
 T1 vs. T2 adjusted p = 0.85



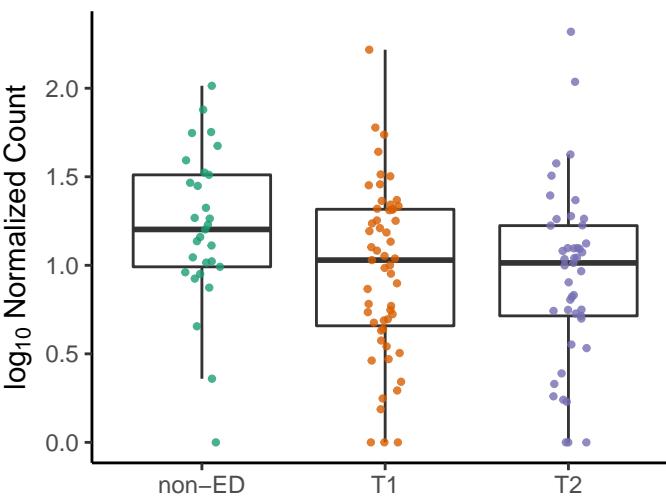
### *Paenibacillus sp. 14171R-81*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



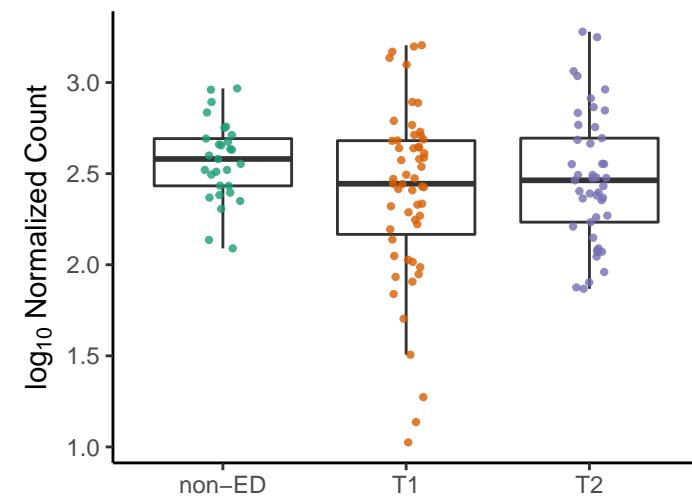
### *Thermoanaerobacter italicus*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.9



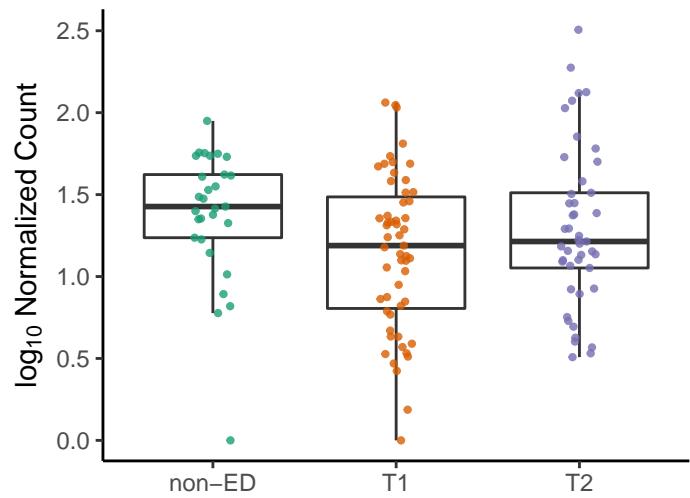
### *Nonomuraea sp. ATCC 55076*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



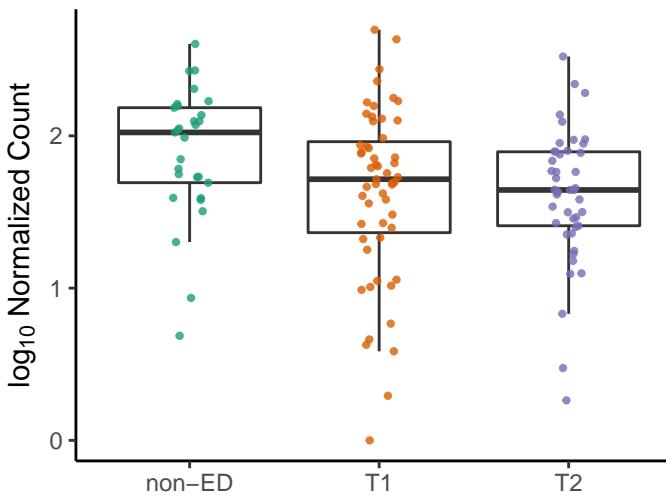
### *Helicobacter mustelae*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.45  
 T1 vs. T2 adjusted p = 0.85



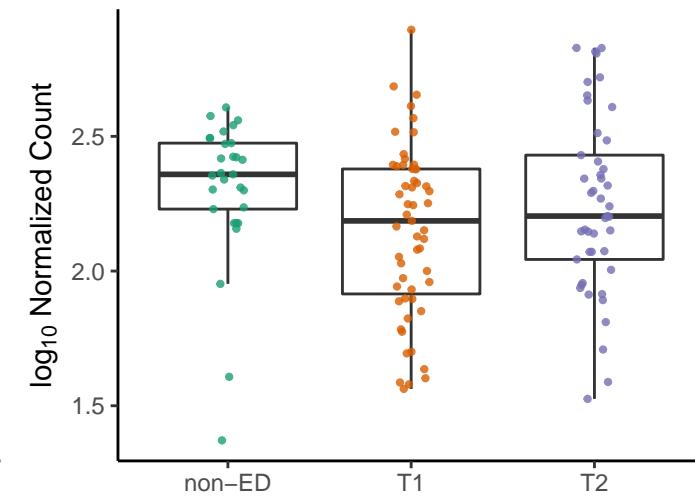
### *Novosphingobium* sp. THN1

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.92



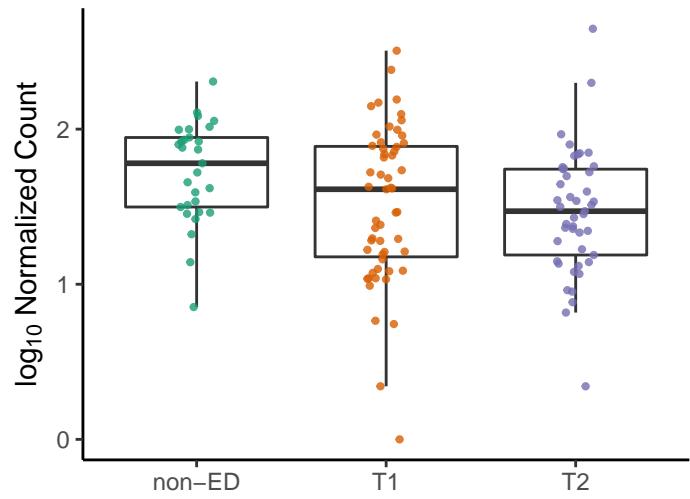
### Unclassified Planococcus Genus

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.45  
 T1 vs. T2 adjusted p = 0.85



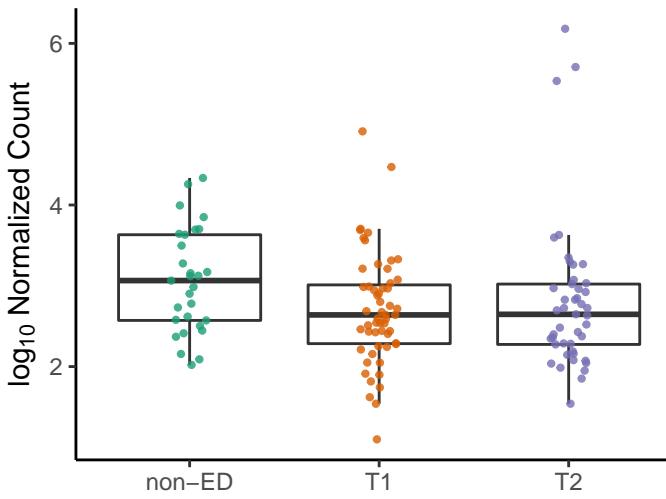
### *Pseudoalteromonas tunicata*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



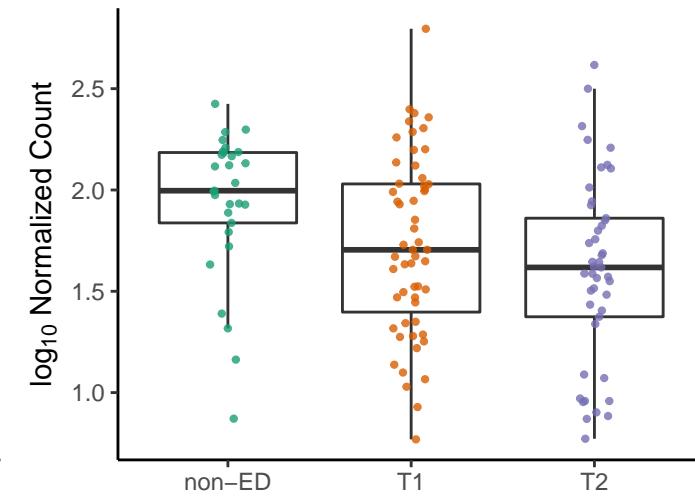
### *Bifidobacterium animalis*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.87



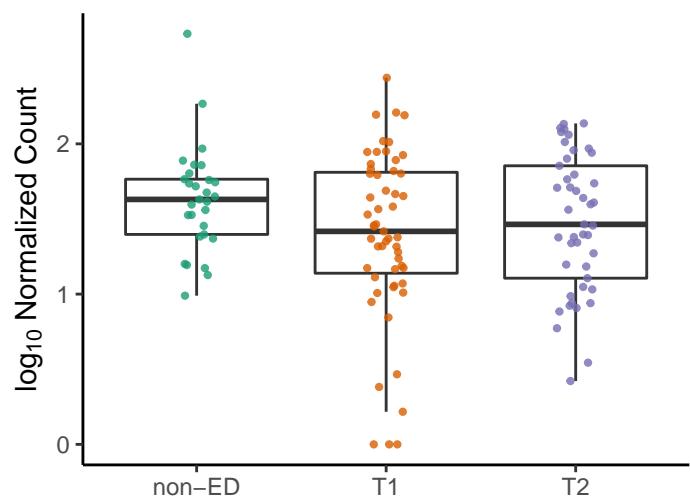
### *Acholeplasma oculi*

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.85



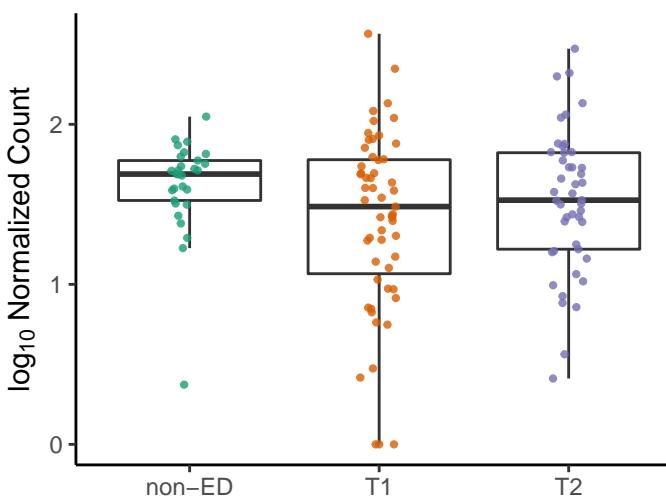
### *Sphingobium* sp. MI1205

non-ED vs. T1 adjusted p = 0.044  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



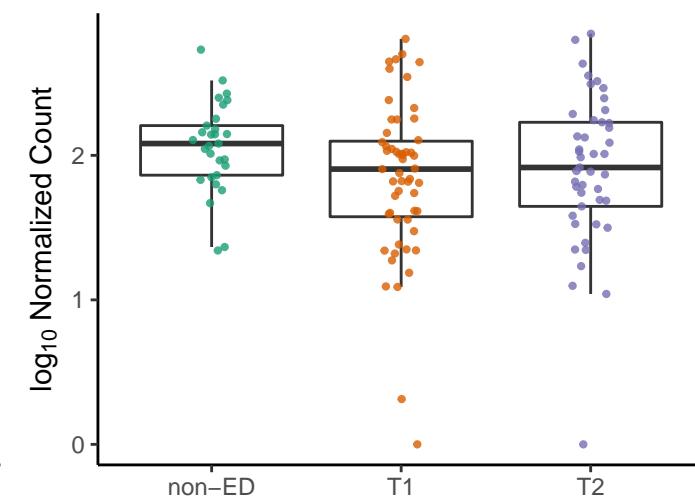
### *Zymobacter palmae*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.85



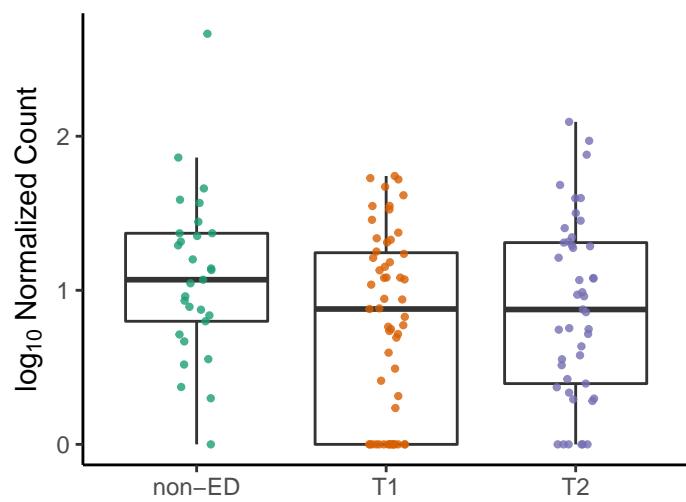
### *Pararhodospirillum photometricum*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



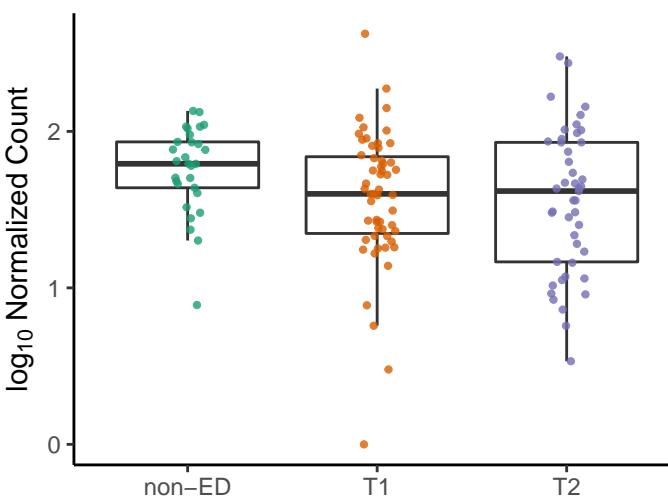
### Unclassified Thalassospira Genus

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.85



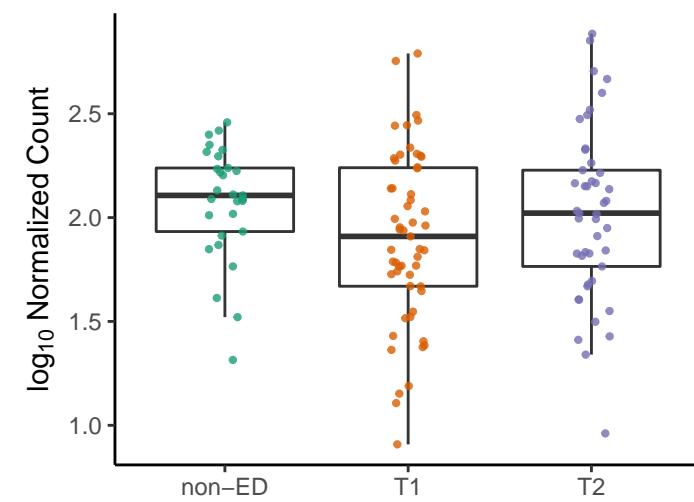
### Oenococcus oeni

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.91



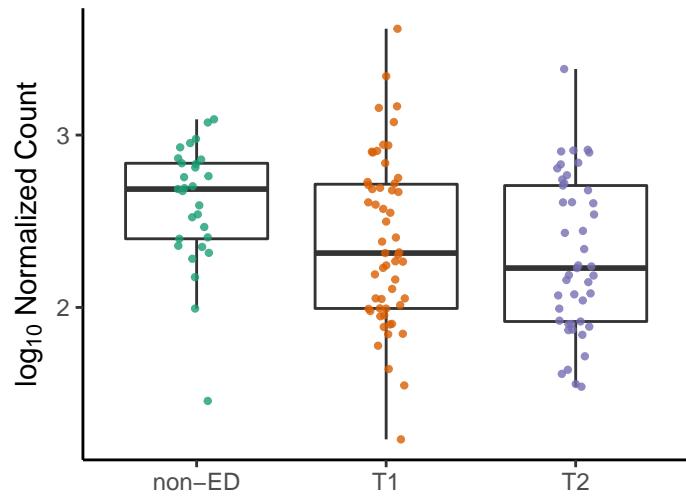
### Paenibacillus brasiliensis

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.54  
T1 vs. T2 adjusted p = 0.85



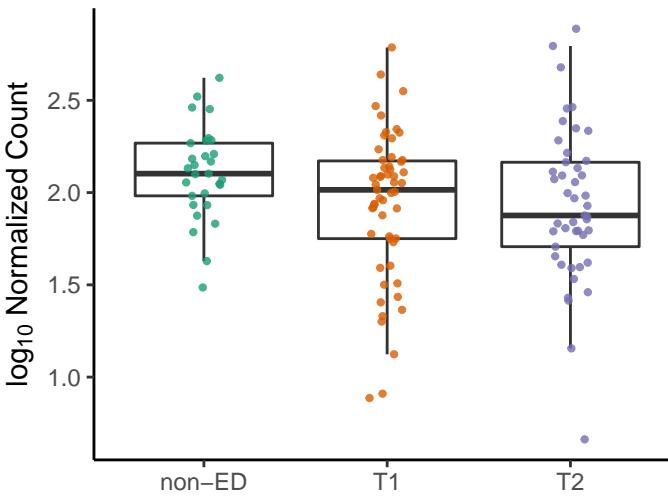
### Paraclostridium bifermentans

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



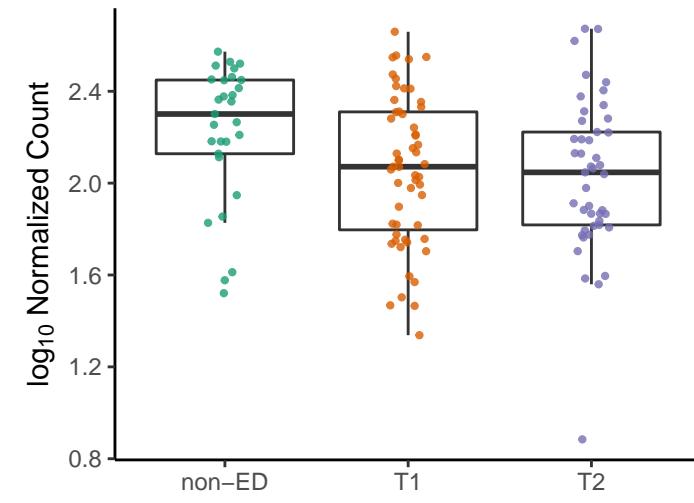
### Spirosoma sp. KCTC 42546

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.97



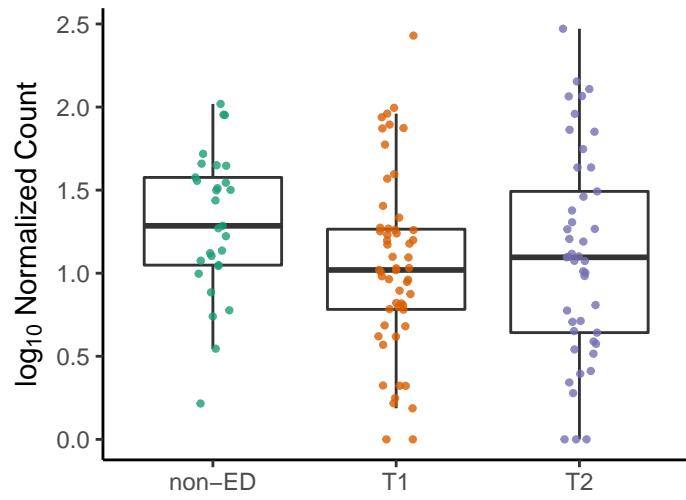
### Thermoanaerobacterium aotearoense

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.95



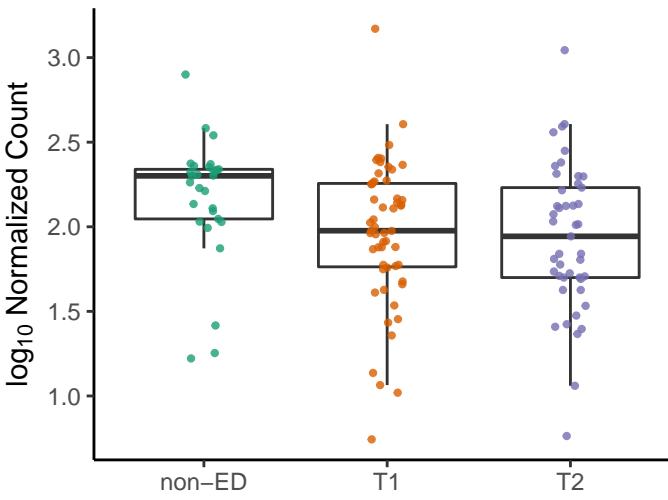
### Thermococcus kodakarensis

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



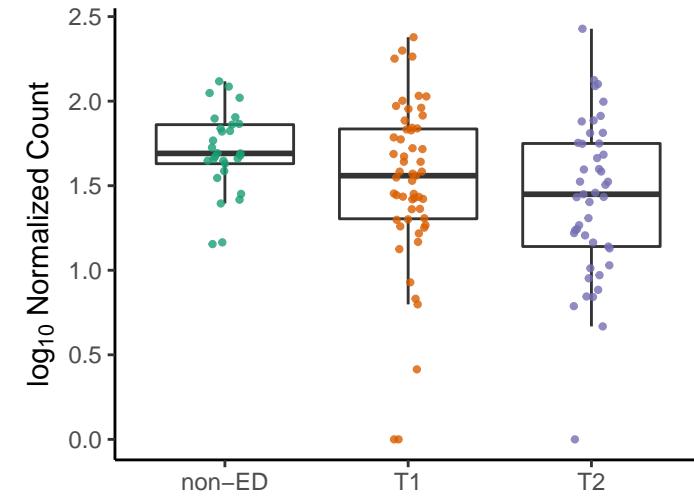
### Staphylococcus epidermidis

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.95



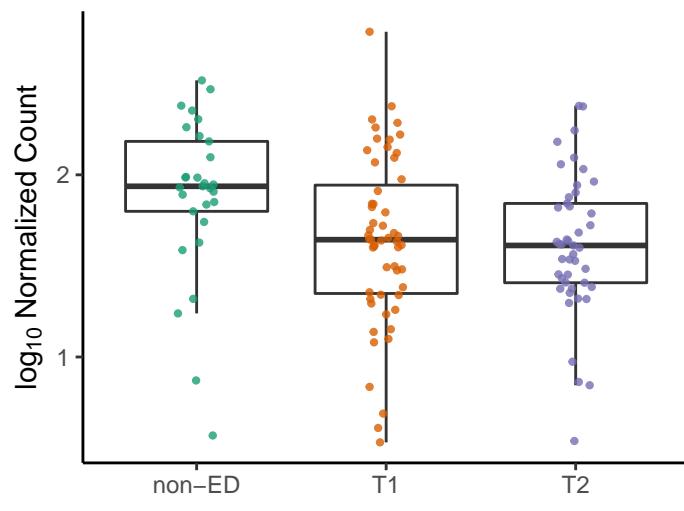
### Croceicoccus naphthovorans

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.86



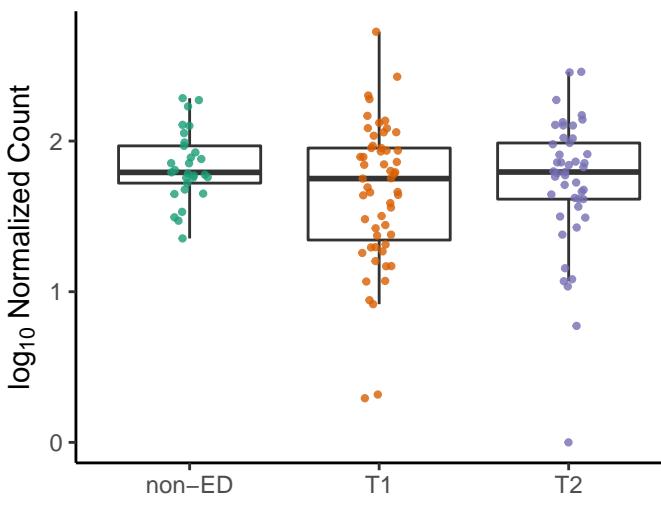
### *Brachyspira intermedia*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.87



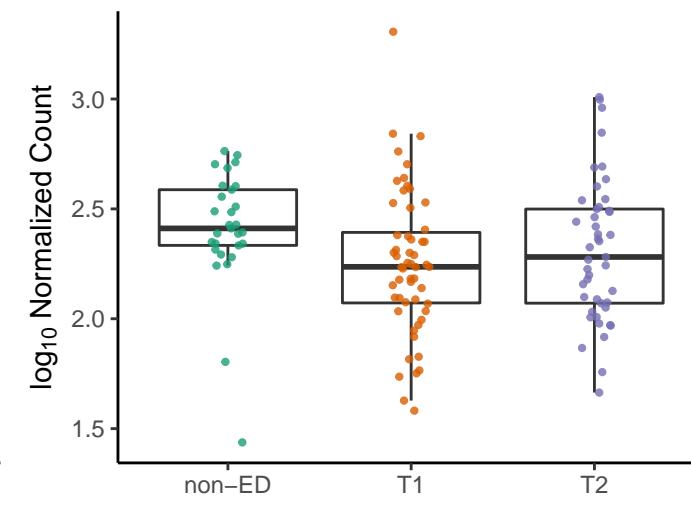
### *Sulfitobacter pseudonitzschiae*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



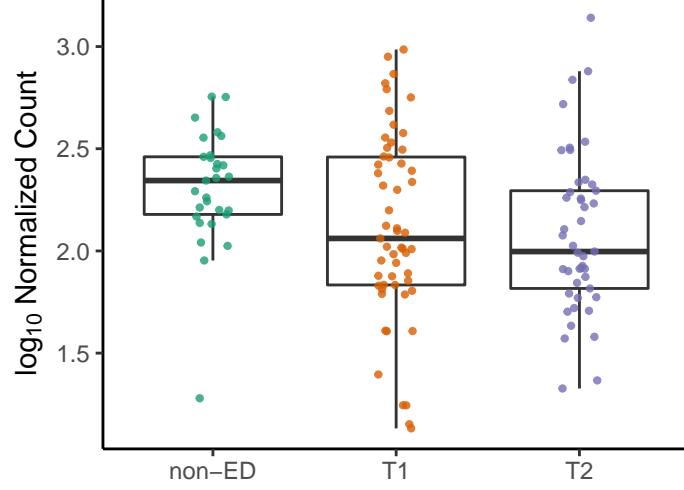
### *Sporolactobacillus terrae*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



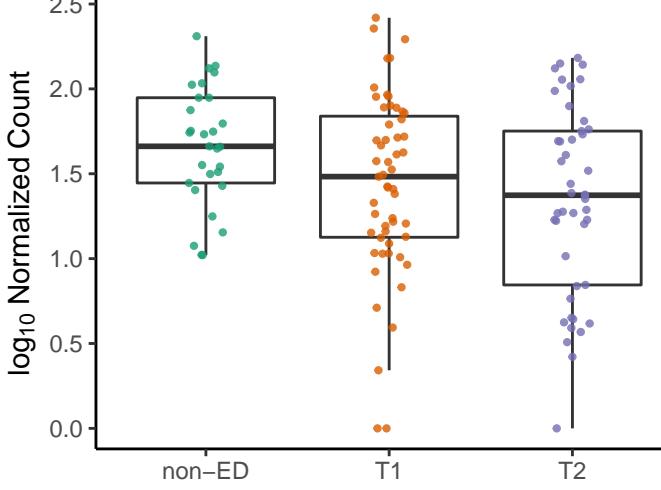
### Unclassified Gemella Genus

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.87



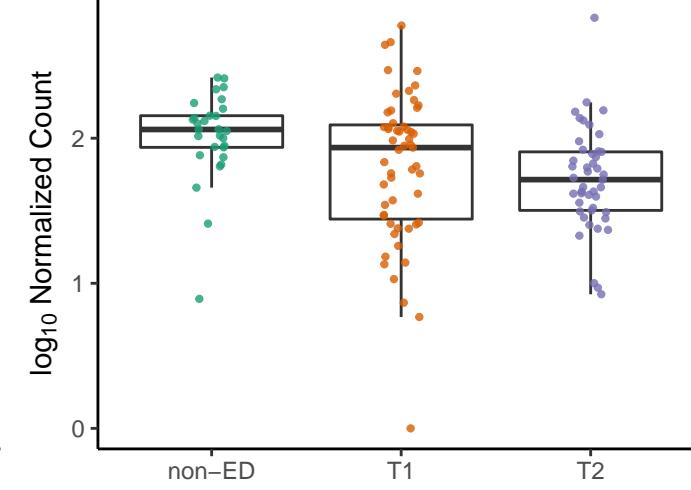
### Flavobacteriaceae bacterium

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



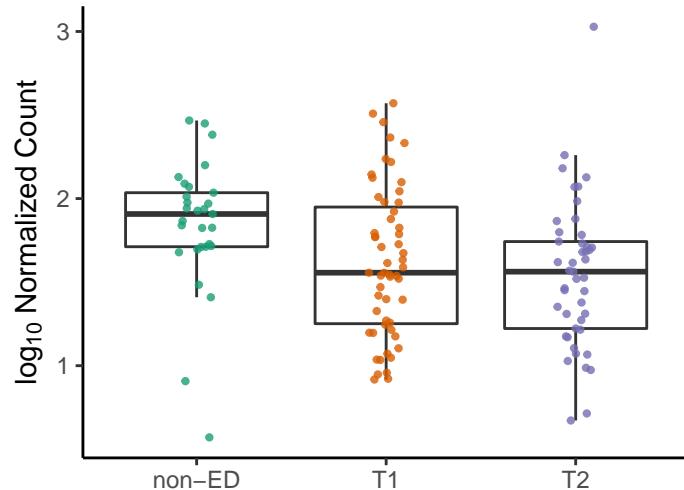
### *Spirosoma rigui*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.0047  
 T1 vs. T2 adjusted p = 0.88



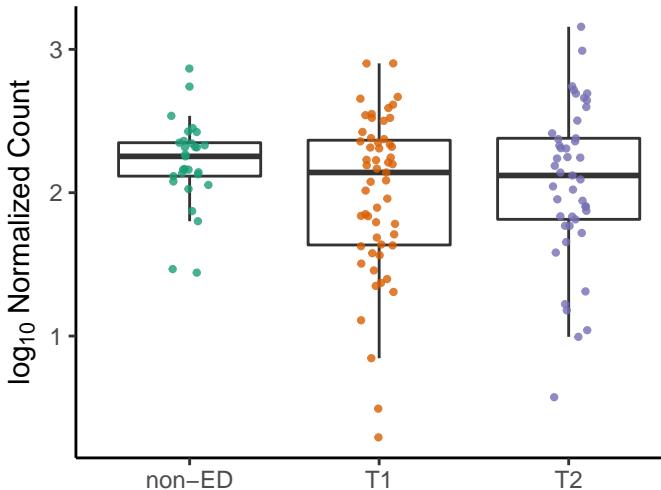
### *Bibersteinia trehalosi*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.87



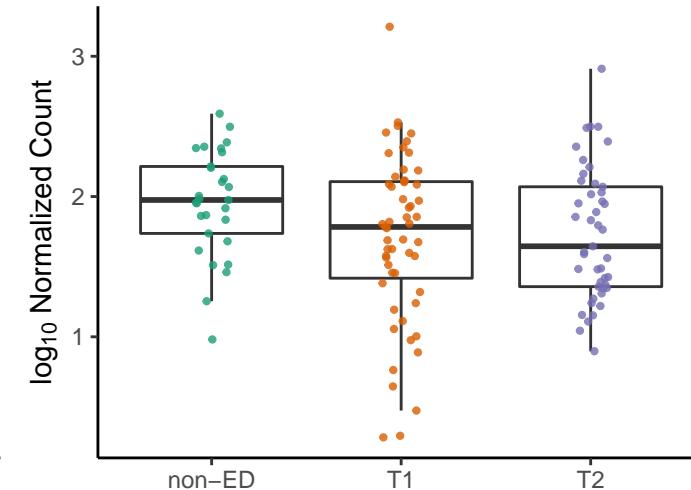
### *Dokdonella koreensis*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



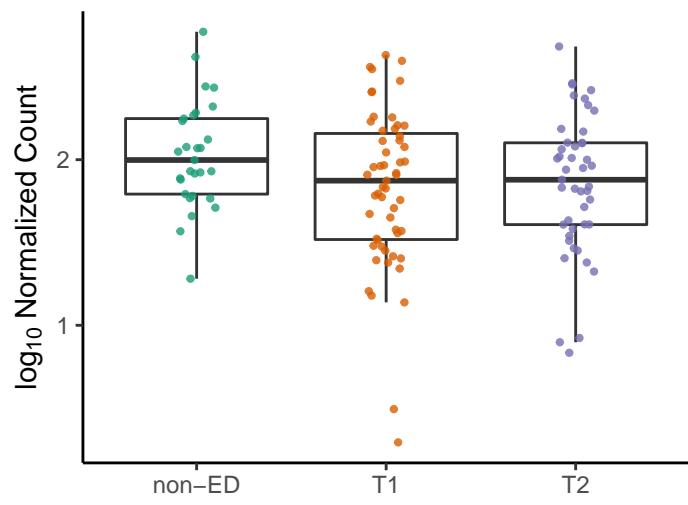
### *Frankia alni*

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.85



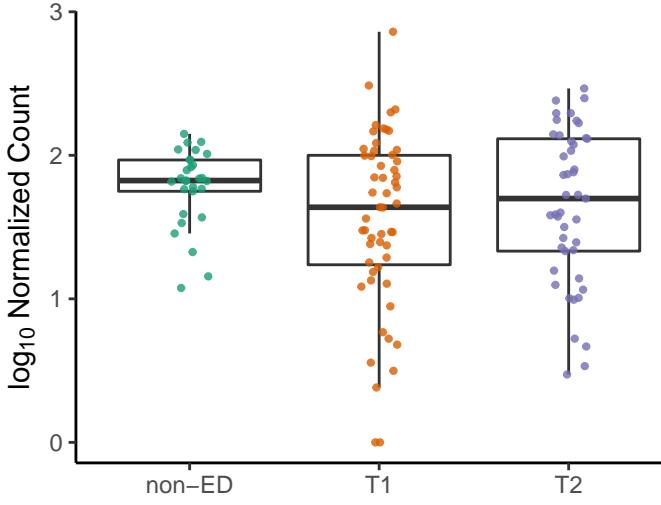
### Bordetella genomosp. 9

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.85



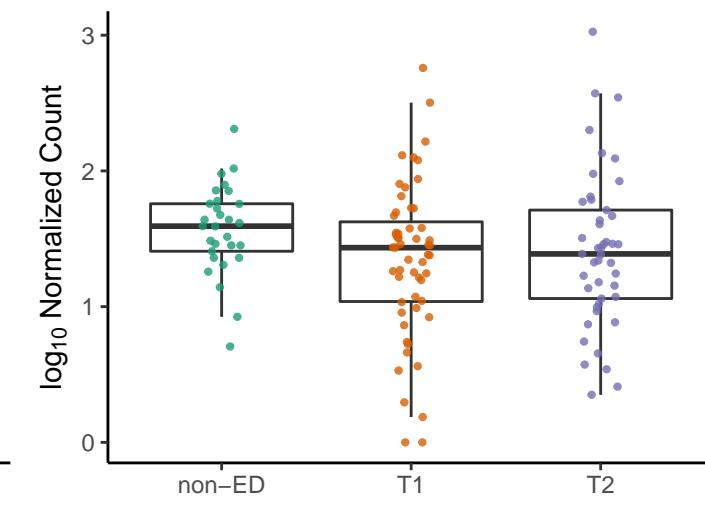
### Sphingomonas sp. HKS19

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.85



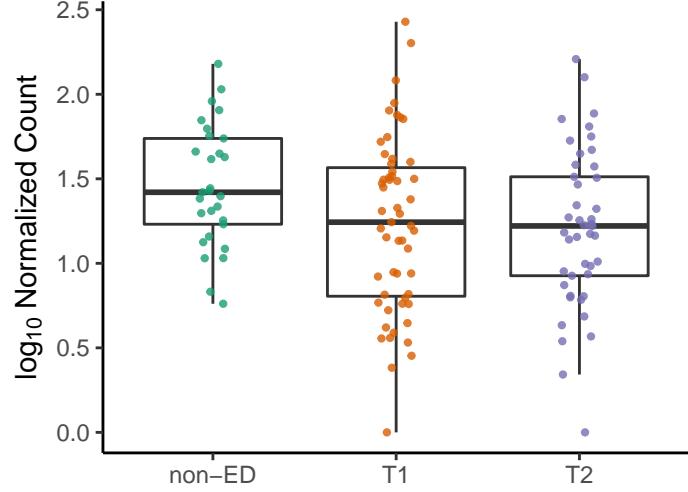
### Porphyrobacter neustonensis

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



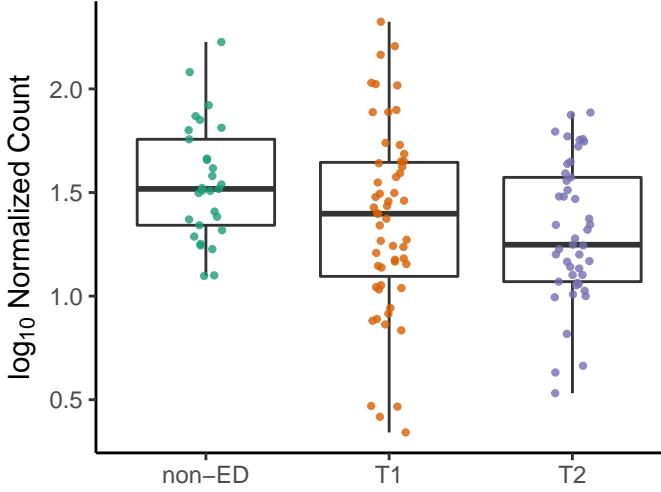
### Unclassified Propionibacterium Genus

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.95



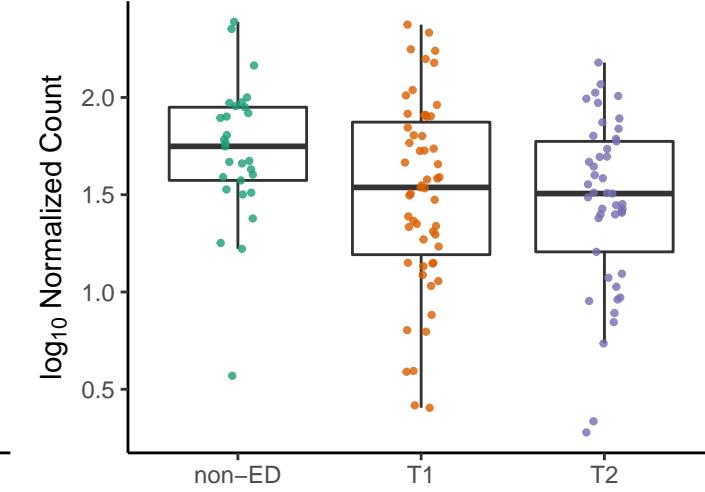
### Vibrio aphrogenes

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.0097  
T1 vs. T2 adjusted p = 0.87



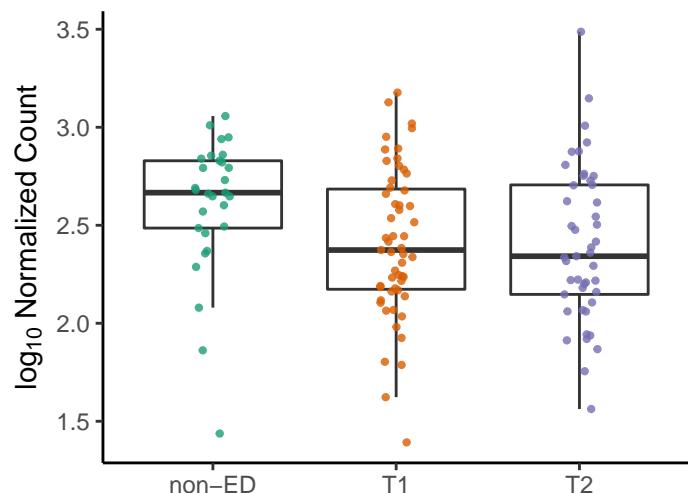
### Campylobacter cuniculorum

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.86



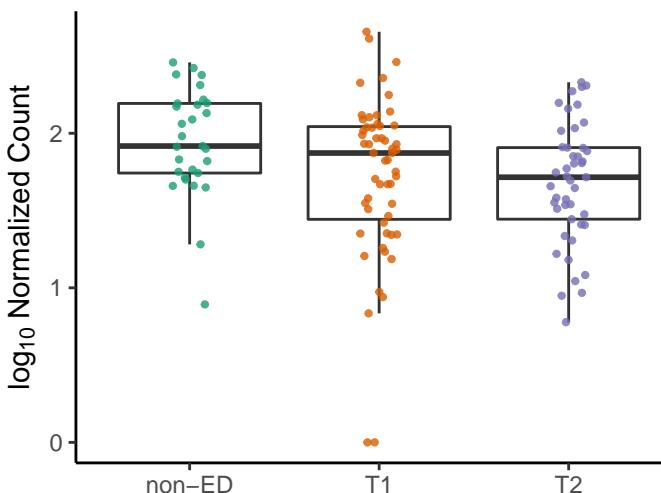
### Clostridium tetani

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.95



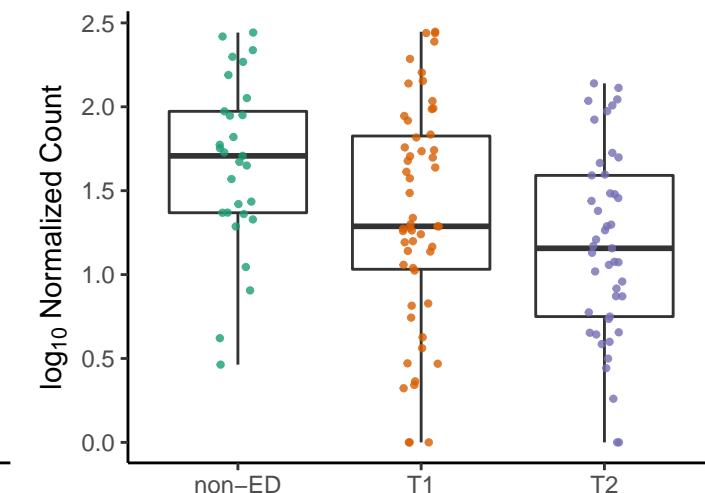
### Terriglobus saanensis

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.98



### Halobacterium sp. DL1

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.0045  
T1 vs. T2 adjusted p = 0.85

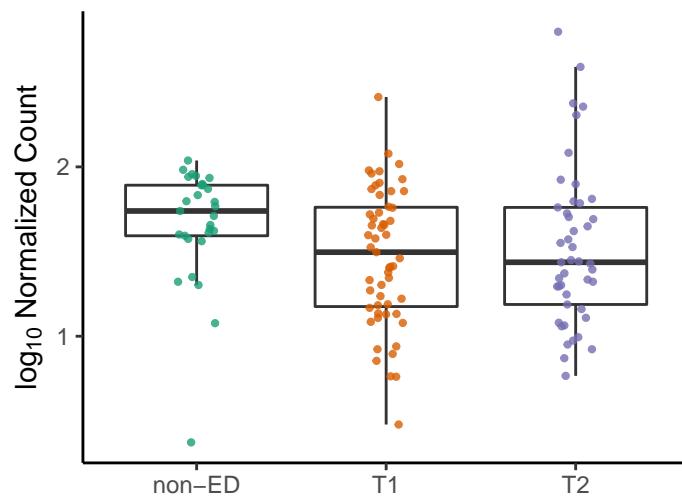


### *Muricauda ruestringensis*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.17

T1 vs. T2 adjusted p = 0.95

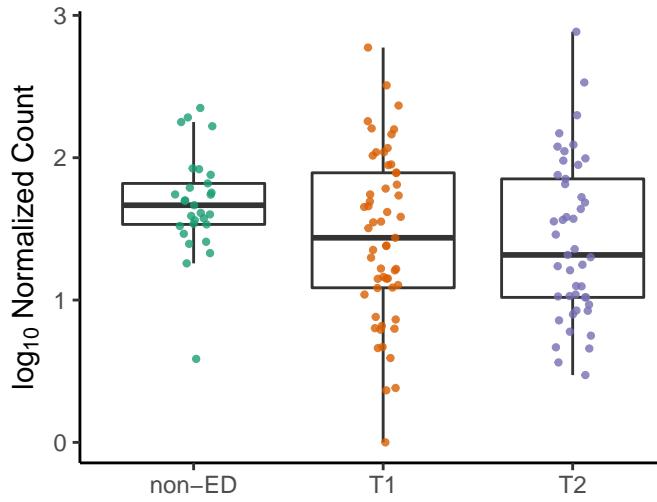


### *Streptomyces koyangensis*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.039

T1 vs. T2 adjusted p = 0.94

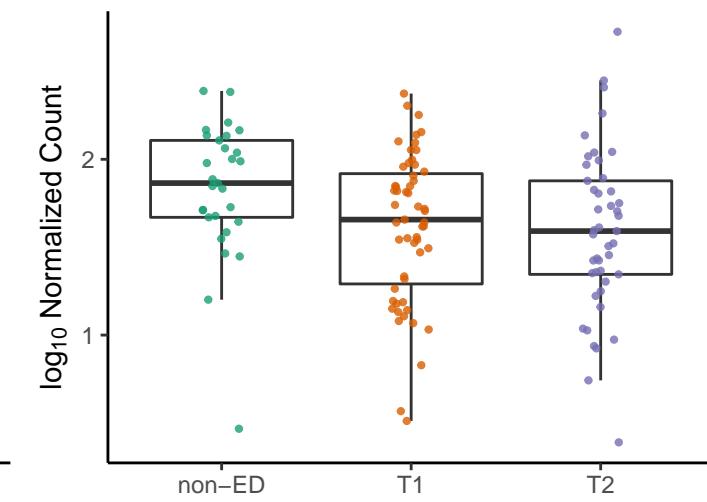


### *Defluviitoga tunisiensis*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.99

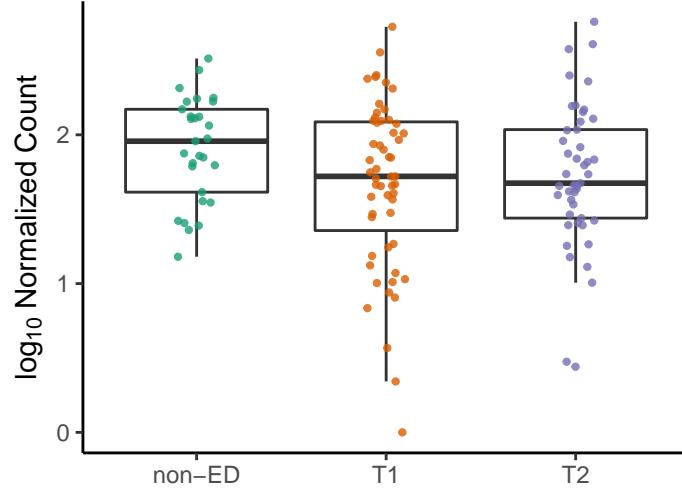


### *Nocardioides dokdonensis*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.91

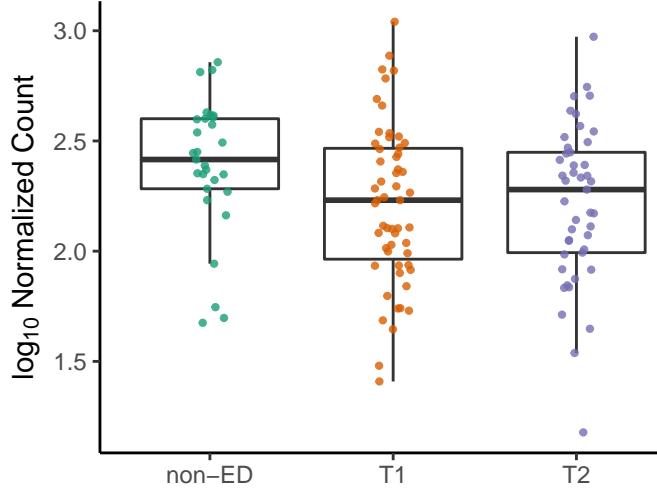


### *Prochlorococcus marinus*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.063

T1 vs. T2 adjusted p = 1

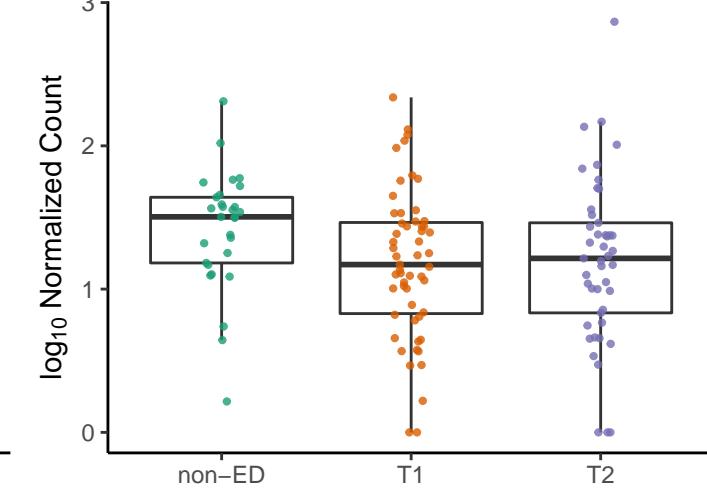


### *Legionella oakridgensis*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.097

T1 vs. T2 adjusted p = 1

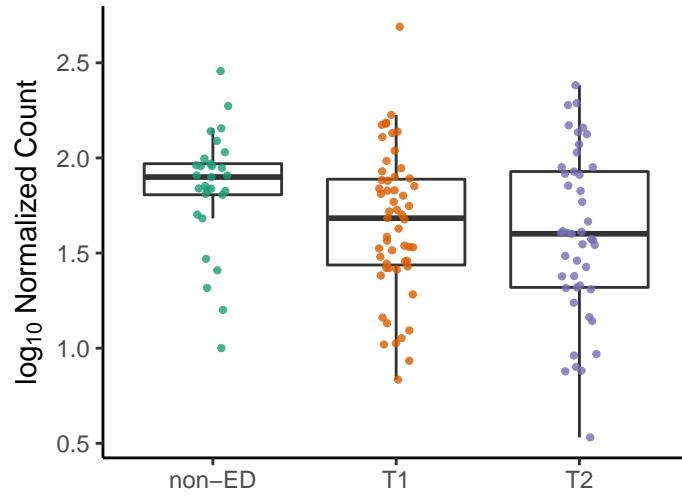


### *Flavobacterium nitrogenifigens*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.024

T1 vs. T2 adjusted p = 0.85

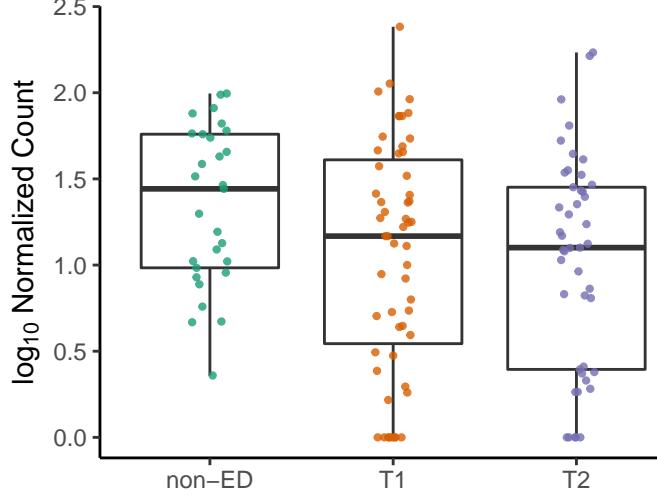


### *Candidatus Nitrosotenuis aquarius*

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.035

T1 vs. T2 adjusted p = 0.93

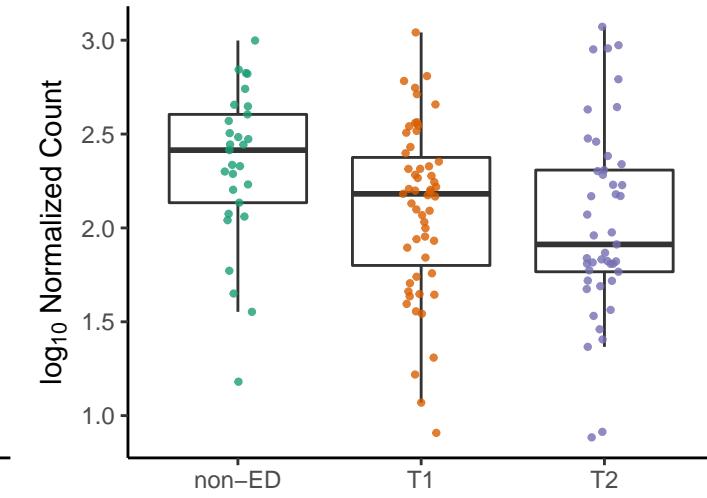


### *Clostridium cochlearium*

non-ED vs. T1 adjusted p = 0.045

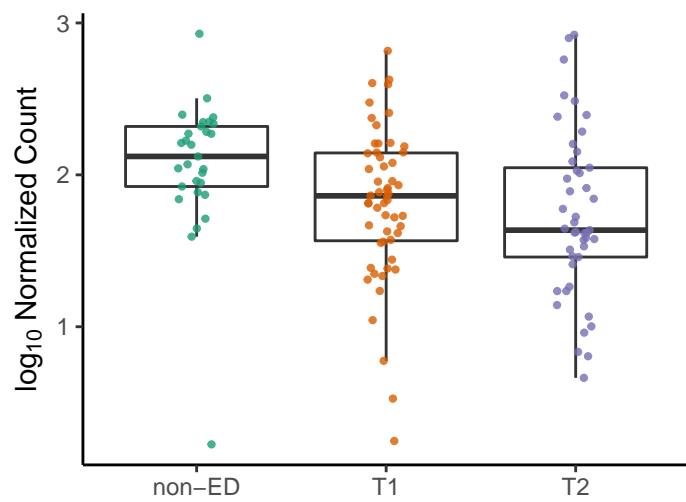
non-ED vs. T2 adjusted p = 0.023

T1 vs. T2 adjusted p = 0.85



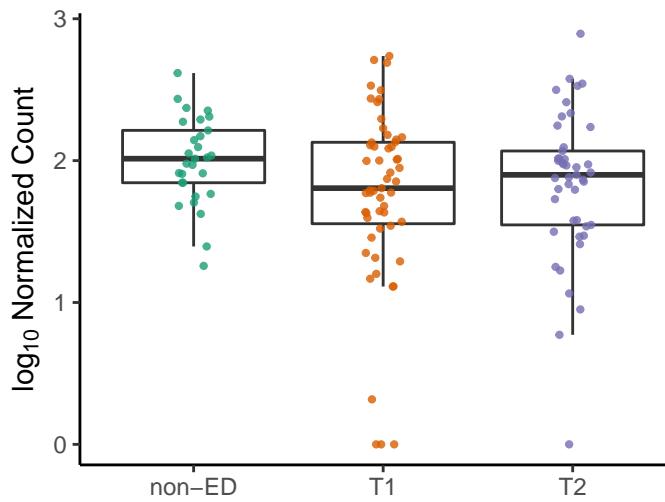
### *Flavobacterium* sp. 140616W15

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



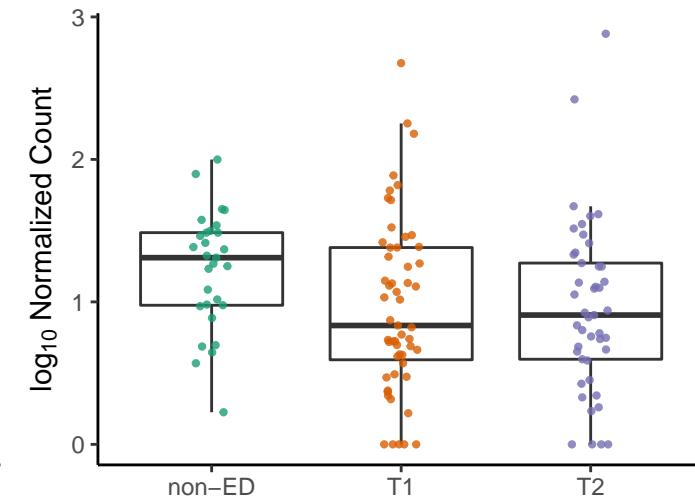
### *Thermus* sp. CCB\_US3\_UF1

non-ED vs. T1 adjusted p = 0.045  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



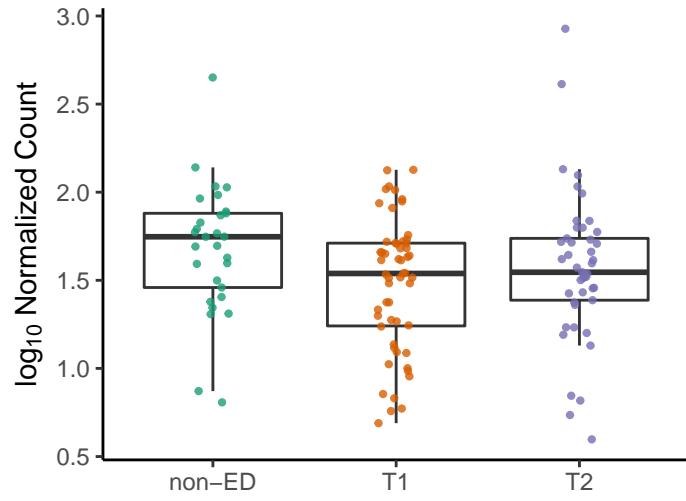
### *Sulfuracidifex tepidarius*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.96



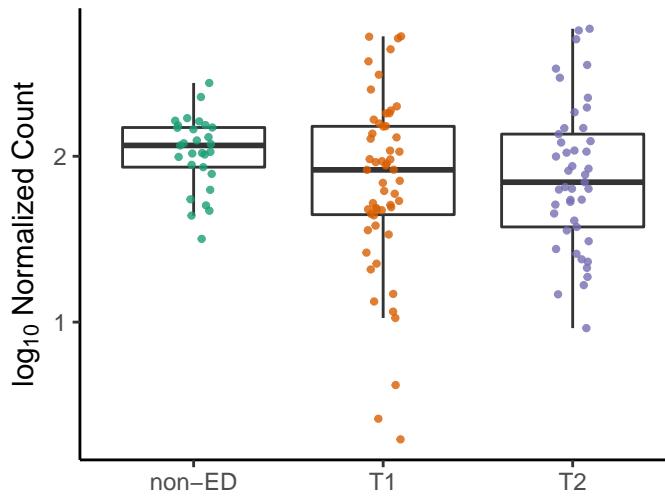
### *Photorhabdus asymbiotica*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.85



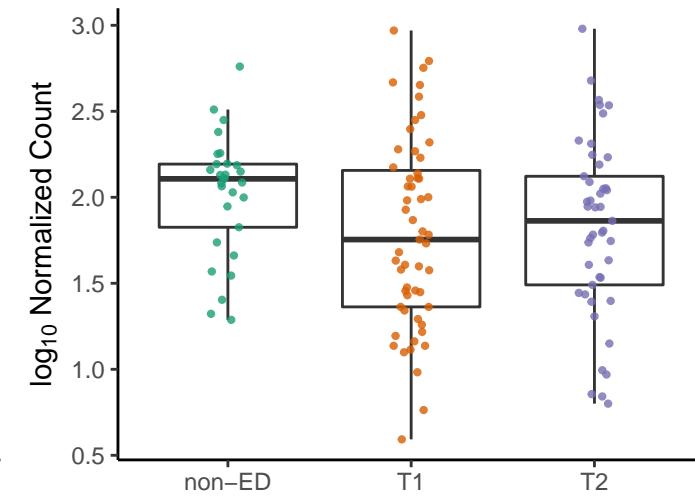
### *Halomonas beimenensis*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.87



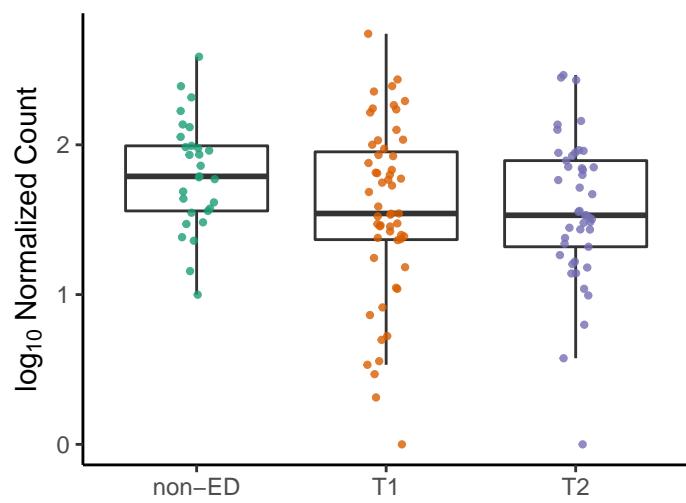
### *Kitasatospora albolonga*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.86



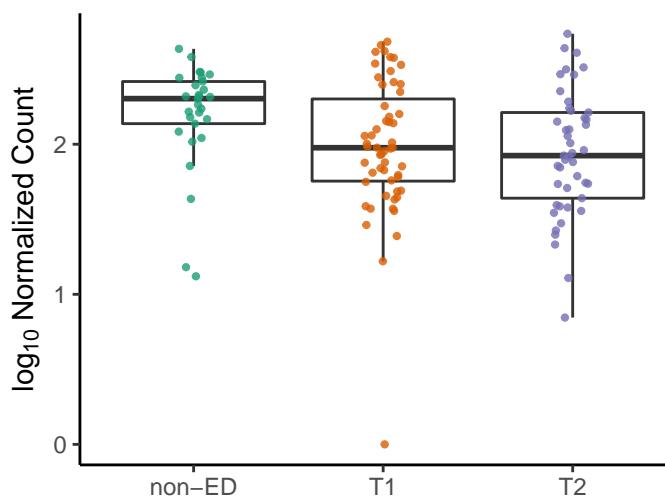
### *Serinicoccus profundi*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.049  
 T1 vs. T2 adjusted p = 0.93



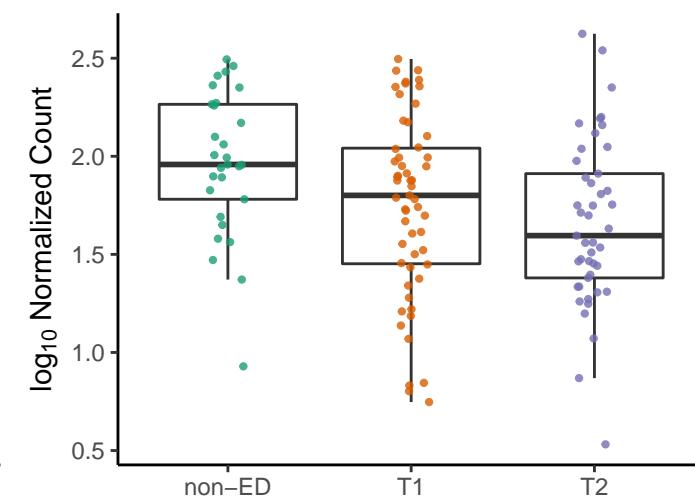
### Unclassified *Candidatus Arthromitus Gei*

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



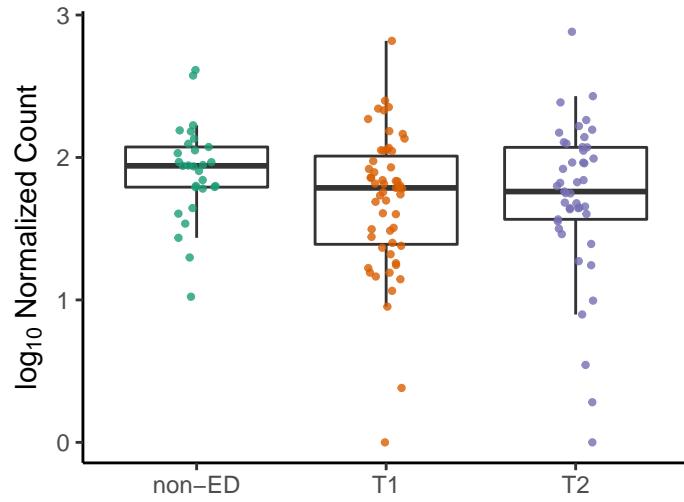
### *Microbulbifer* sp. GL-2

non-ED vs. T1 adjusted p = 0.046  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.85



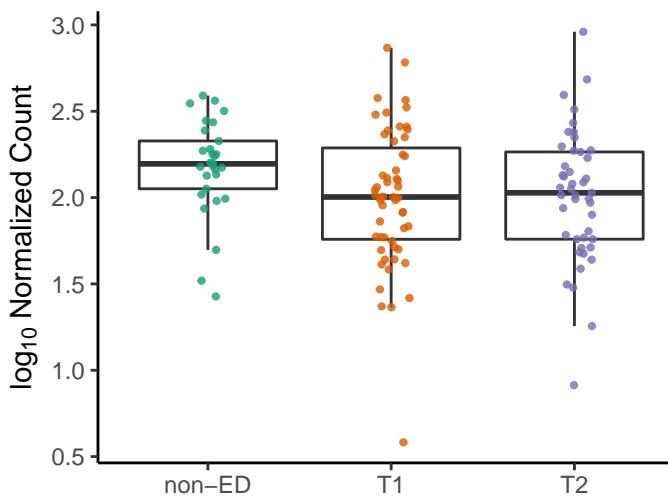
### Sulfitobacter sp. D7

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.87



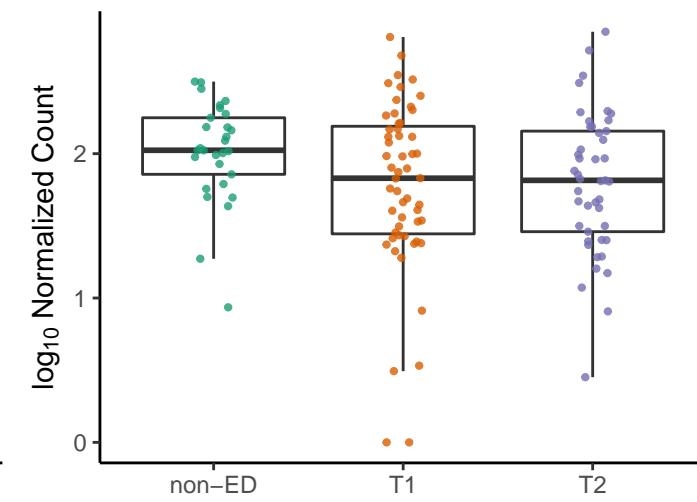
### Bacillus halodurans

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 1



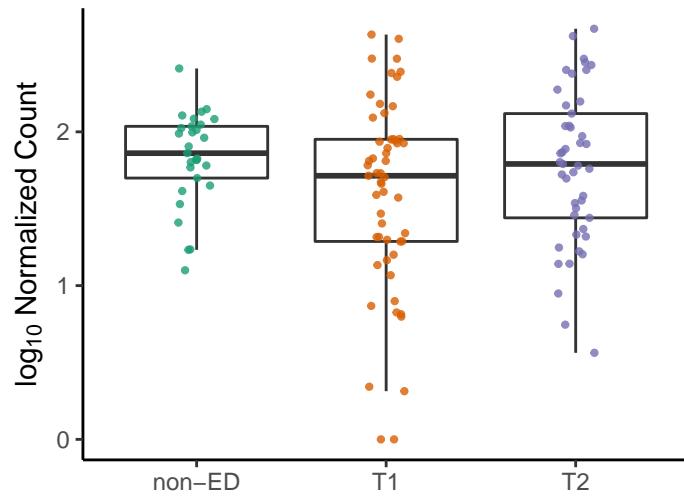
### Micromonospora chokoriensis

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.86



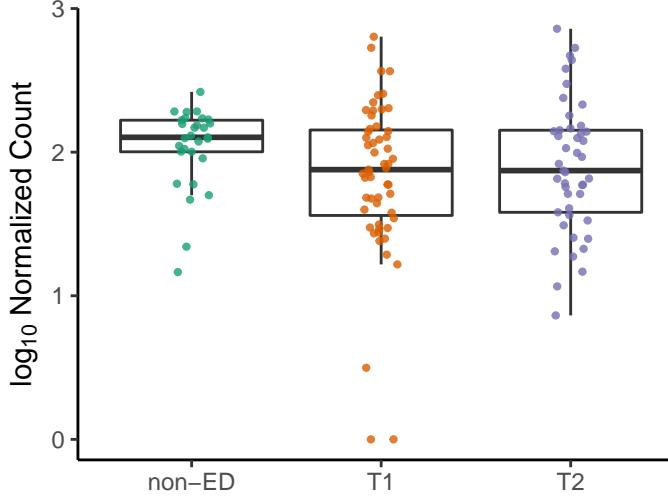
### Mycobacterium sp. YC-RL4

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.57  
T1 vs. T2 adjusted p = 0.85



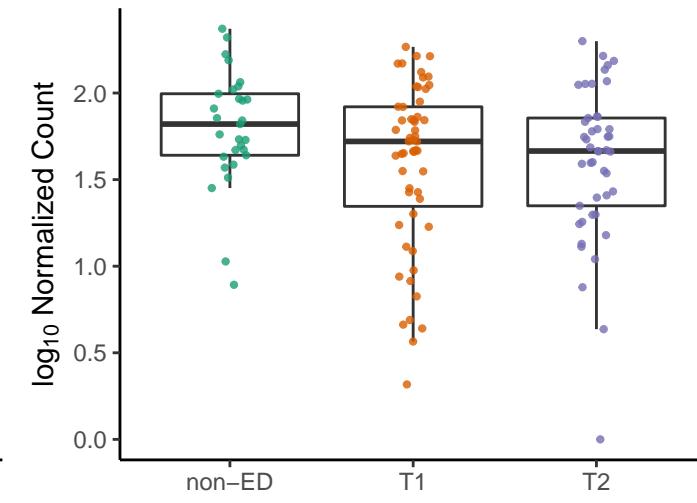
### Tabrizicola piscis

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



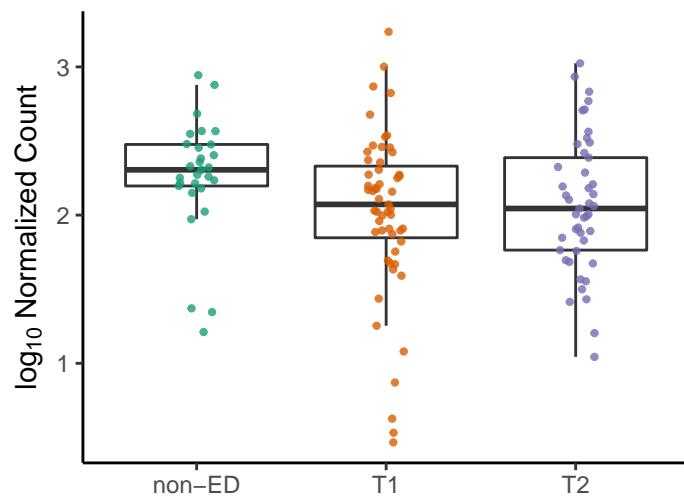
### Shewanella marisflavi

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.97



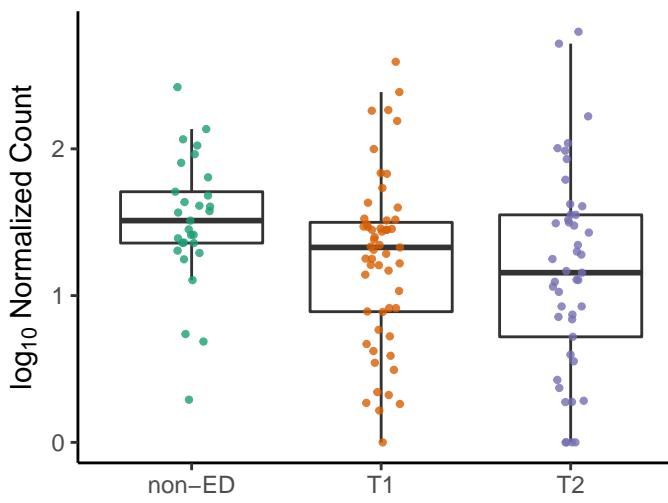
### Massilia albidiflava

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.87



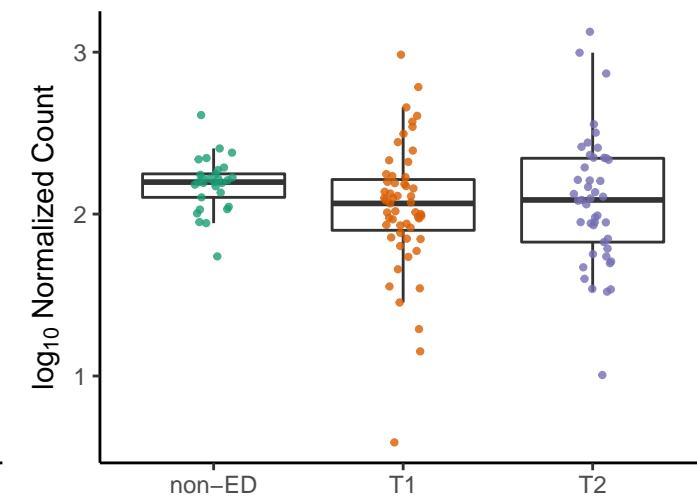
### Eikenella exigua

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.85



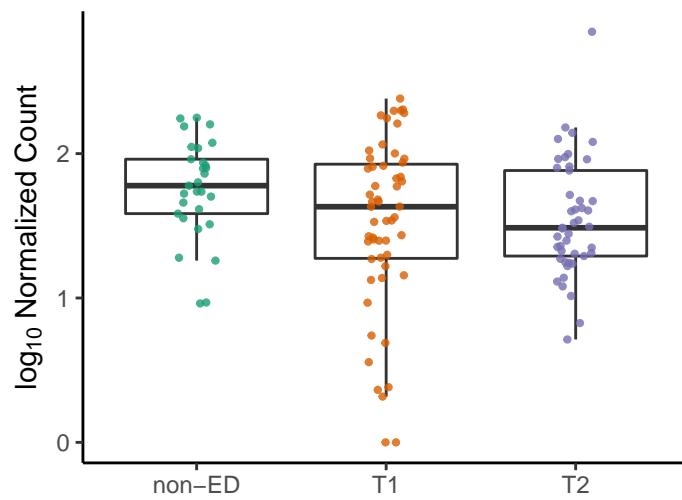
### Unclassified Labrenzia Genus

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.91



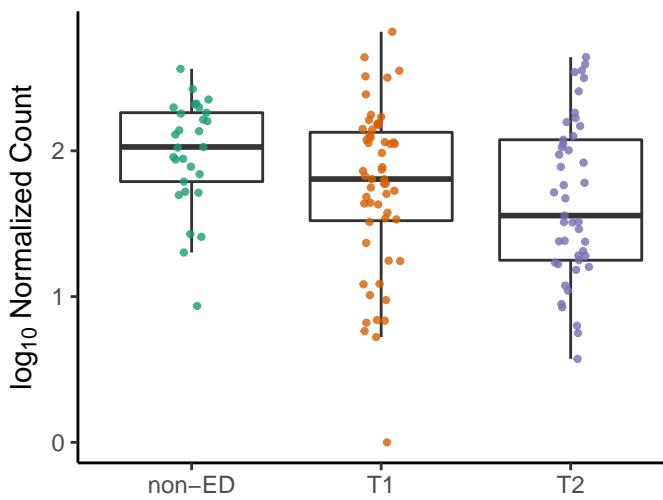
### Paracoccus sp. BM15

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.87



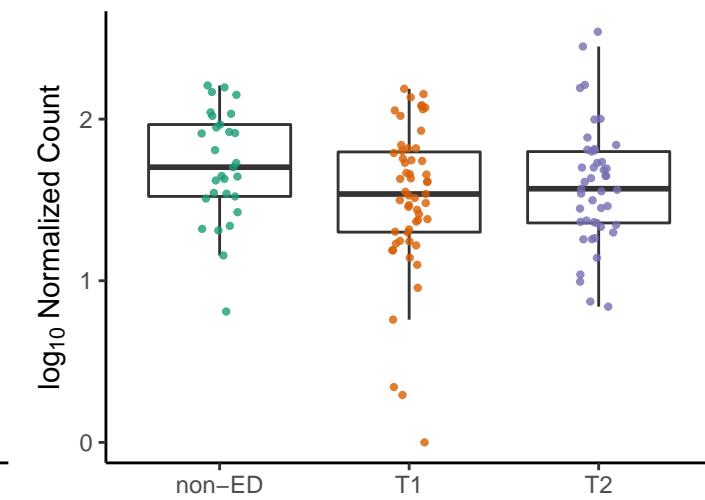
### Agromyces aureus

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



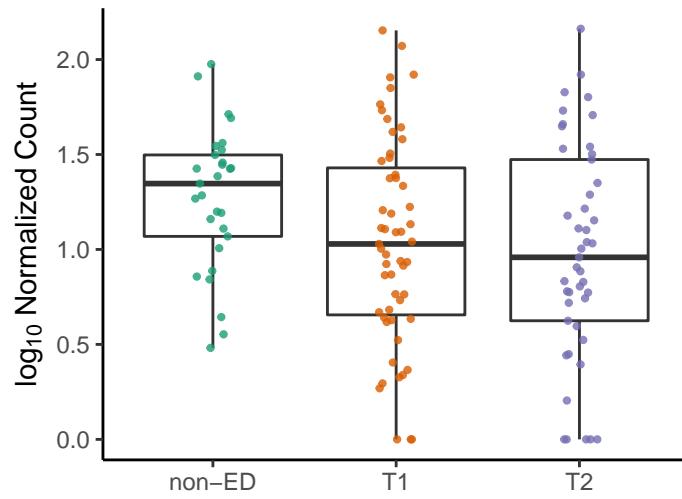
### Synechococcus sp. NIES-970

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.86



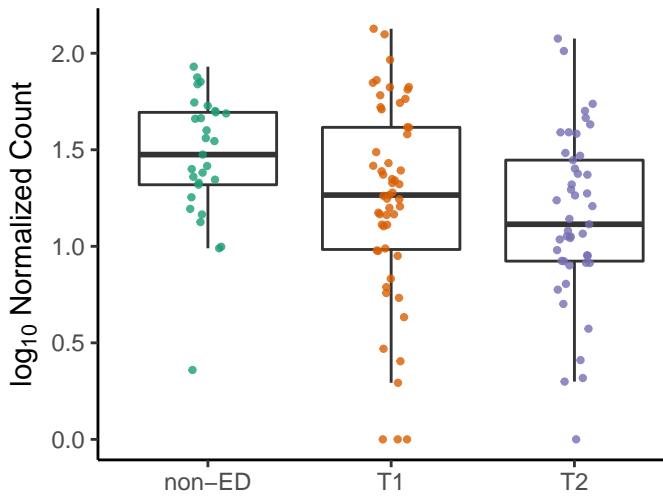
### Candidatus Tachikawaea gelatinosa

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.85



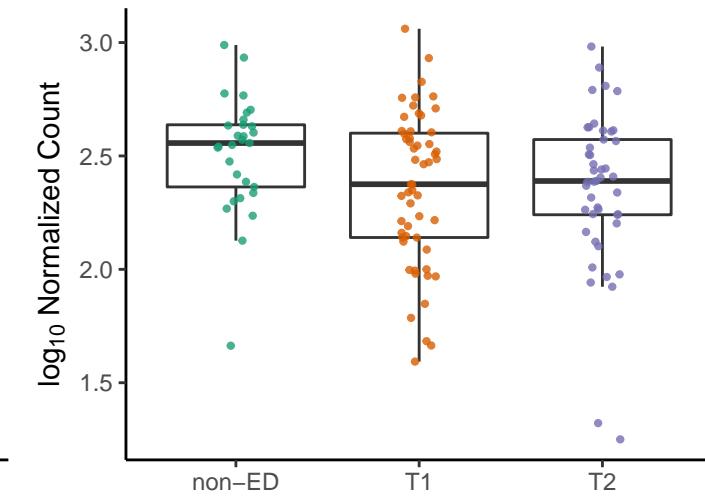
### Unclassified Thermoanaerobacteraceae

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.85



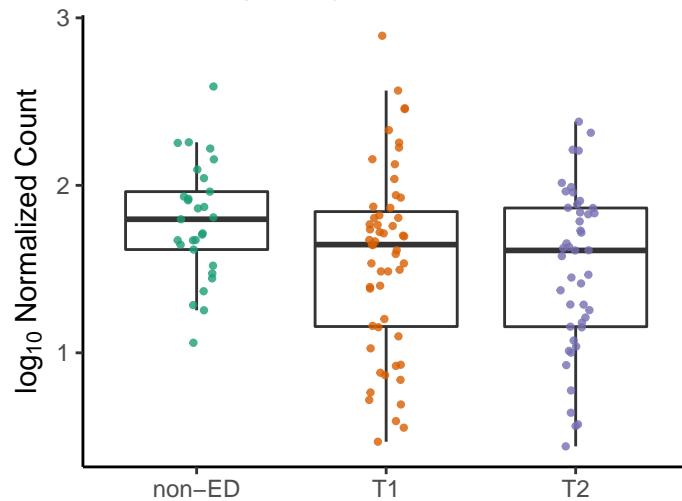
### Sporosarcina ureae

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.97



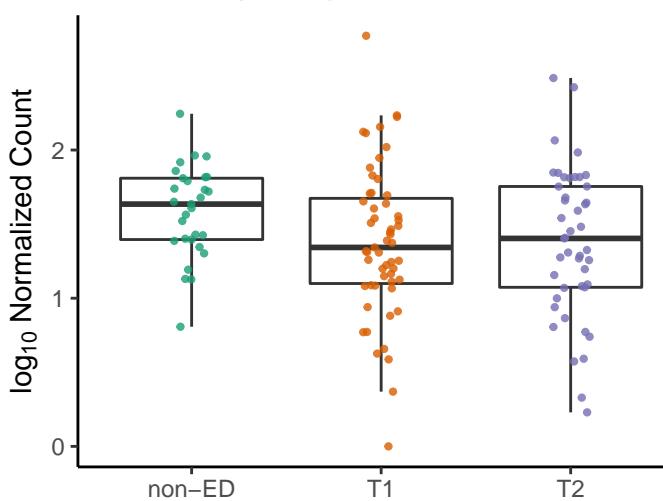
### Agromyces protaeiae

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



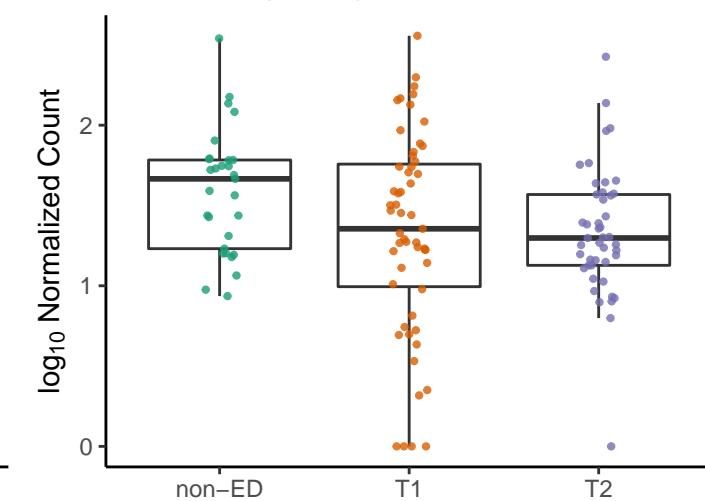
### Moraxella cuniculi

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.97



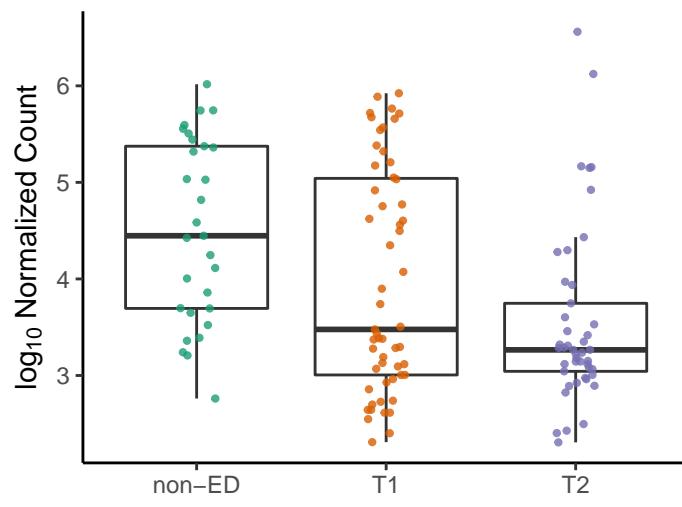
### Streptomyces cyaneogriseus

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.96



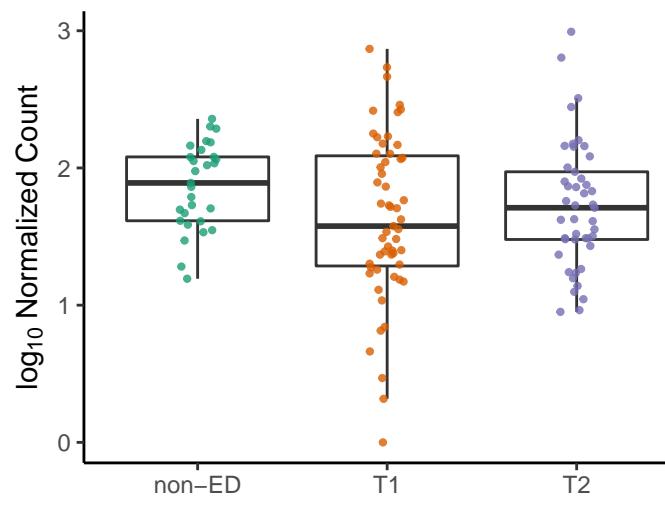
### *Akkermansia muciniphila*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.85



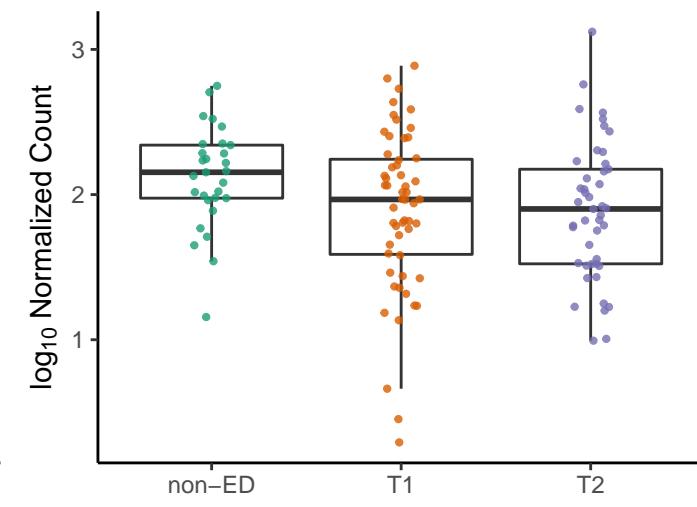
### *Ornithinimicrobium flavum*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



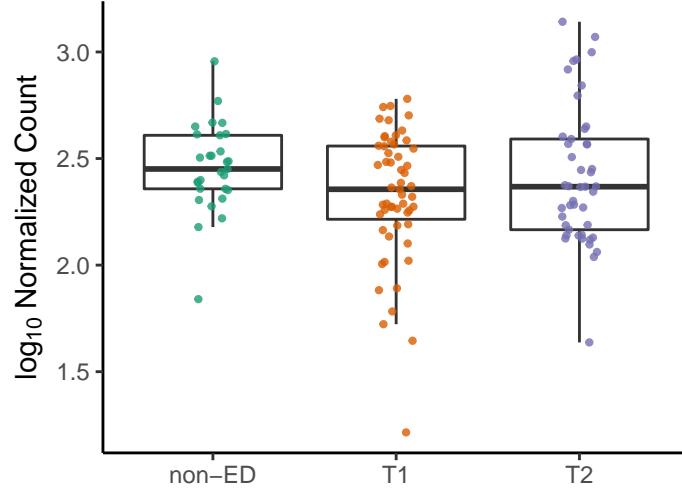
### *Thermobispora bispora*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.93



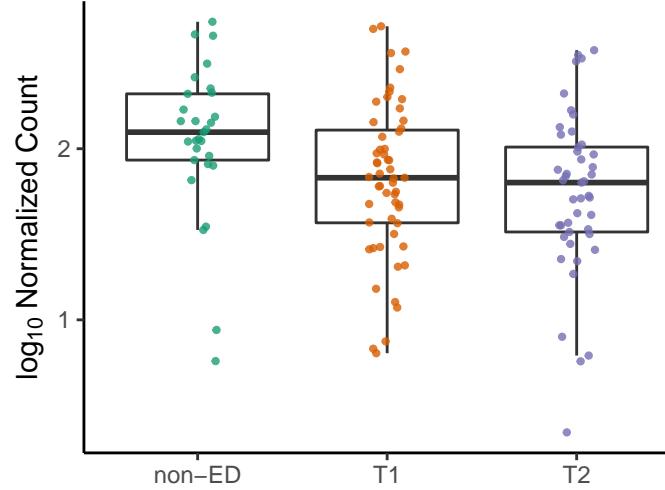
### *Paenibacillus riograndensis*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.57  
 T1 vs. T2 adjusted p = 0.85



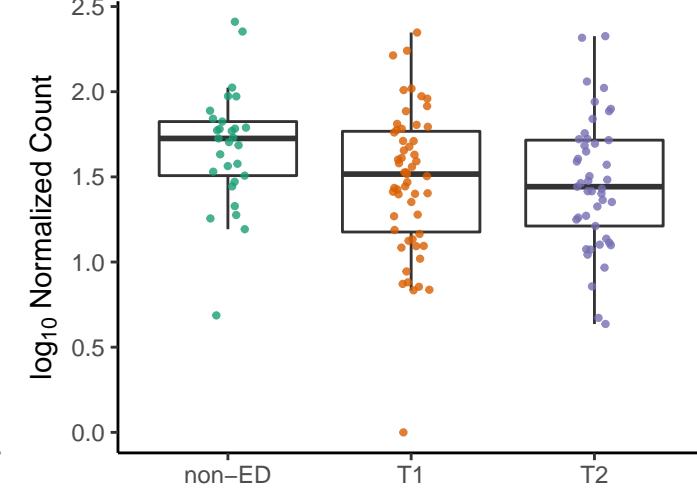
### *Candidatus Arthromitus sp. SFB-rat-Yit*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



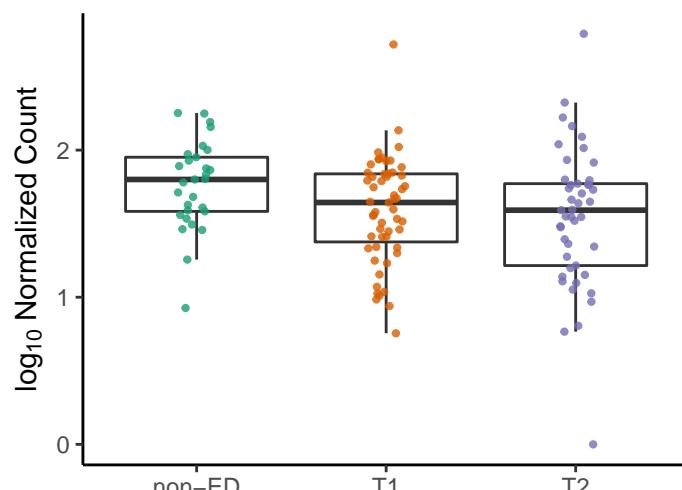
### *Vibrio owensii*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.95



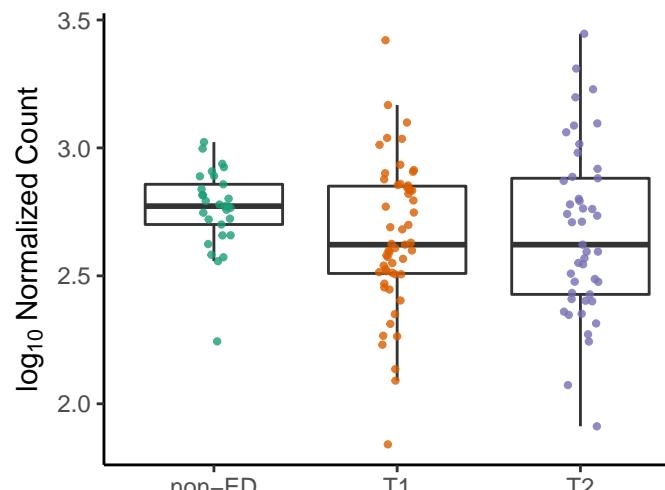
### *Pseudoalteromonas spongiae*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.94



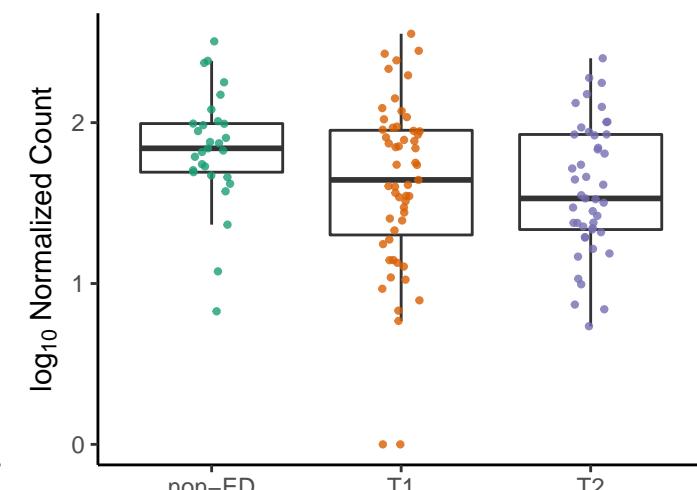
### *Geosporobacter ferrireducens*

non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.92

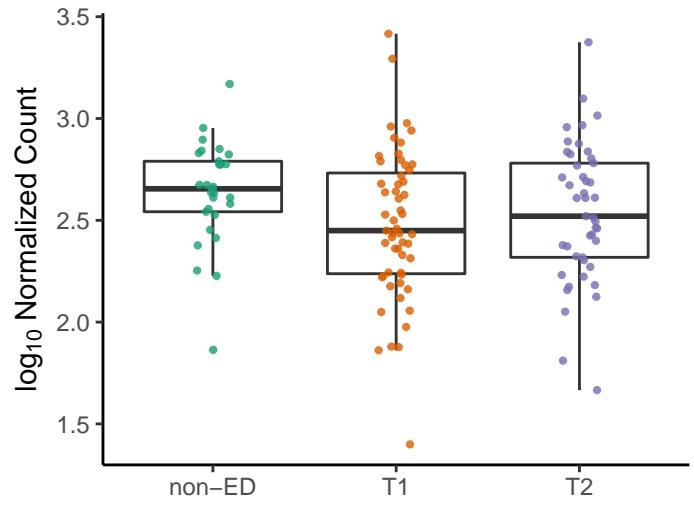


### *Mesorhizobium sp. M1B.F.Ca.ET.045.04*

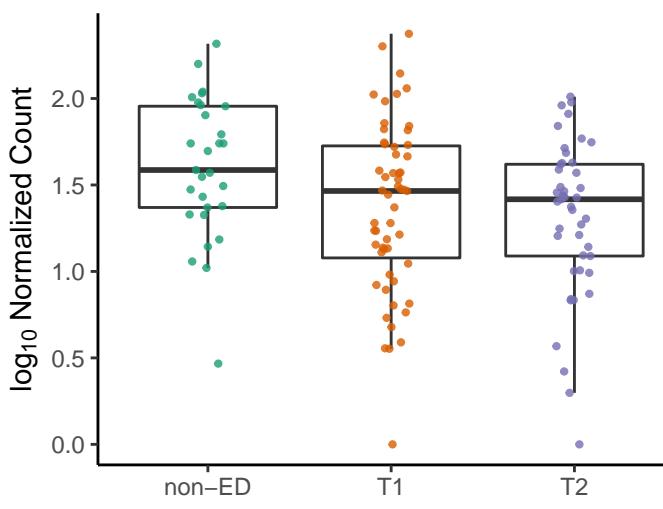
non-ED vs. T1 adjusted p = 0.047  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.91



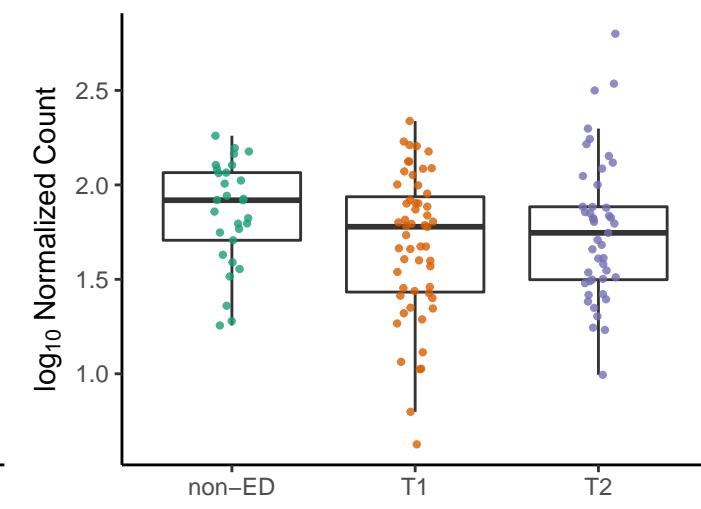
**Unclassified Geobacillus Genus**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



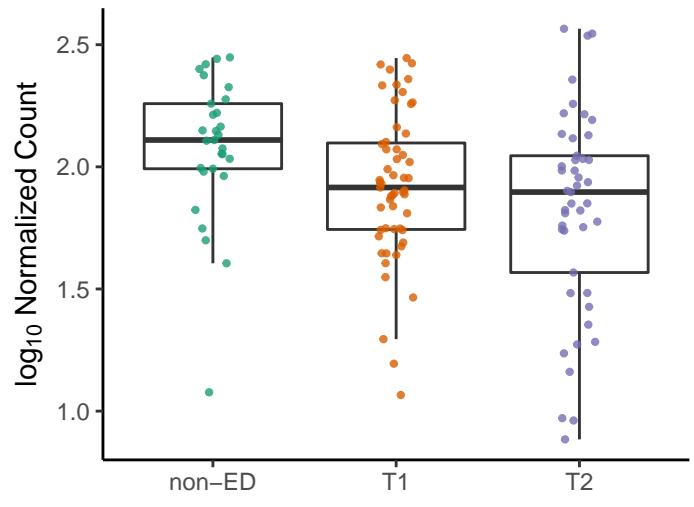
**Geminocystis sp. NIES-3708**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.9



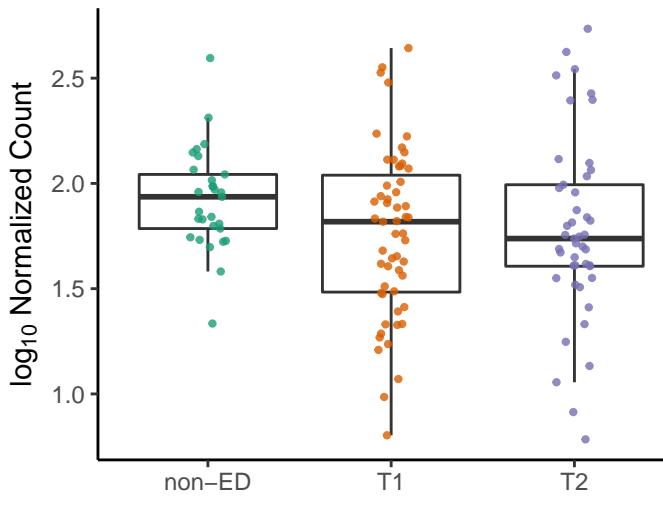
**Terriglobus albidus**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



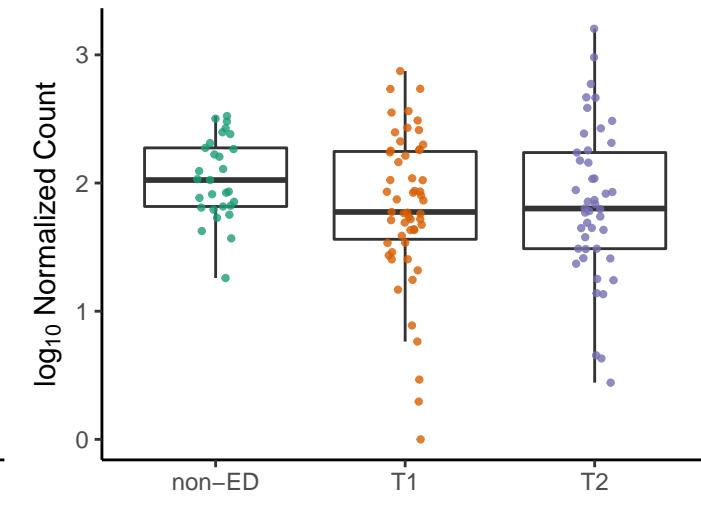
**Unclassified Providencia Genus**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



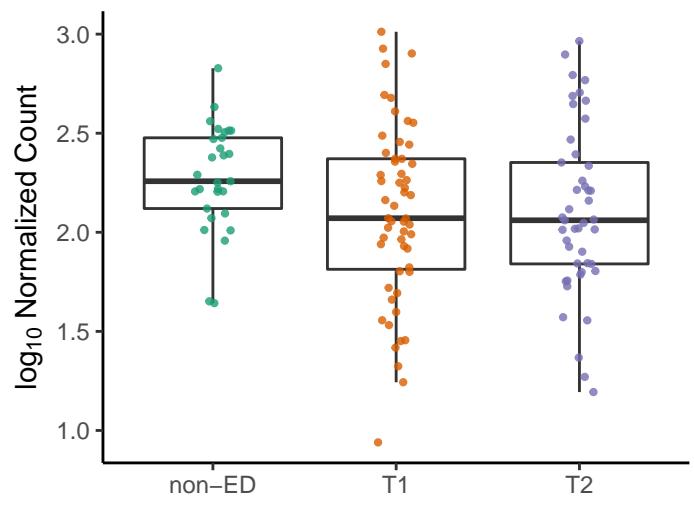
**Acinetobacter guillouiae**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.92



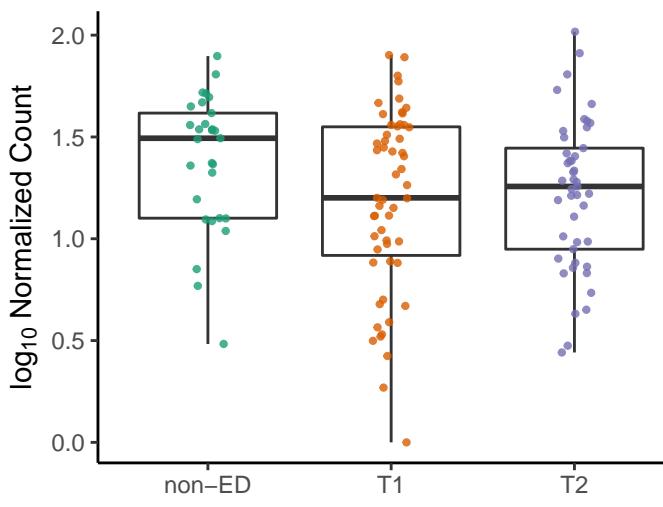
**Nocardioides sp. KUDC 5002**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



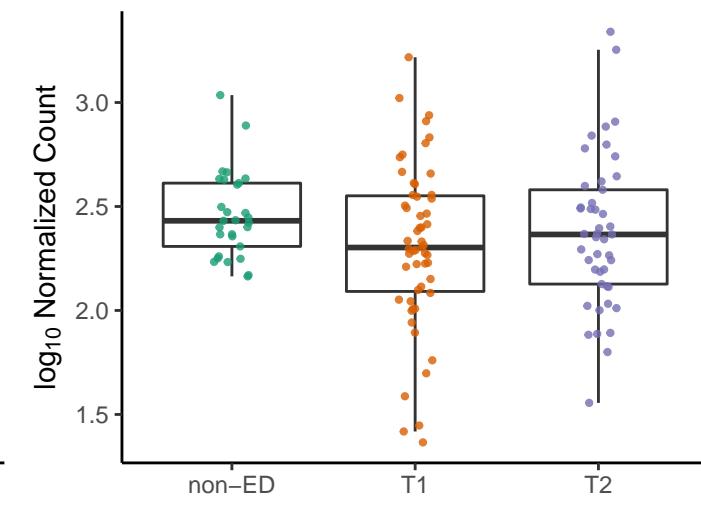
**Unclassified Bradyrhizobiaceae Family**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.97



**Methanospaerula palustris**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.91

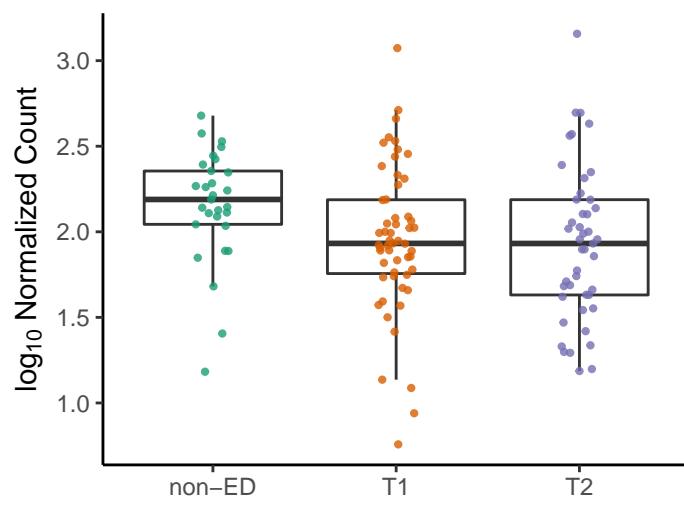


**Brevibacillus sp. SCSIO 07484**  
 non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



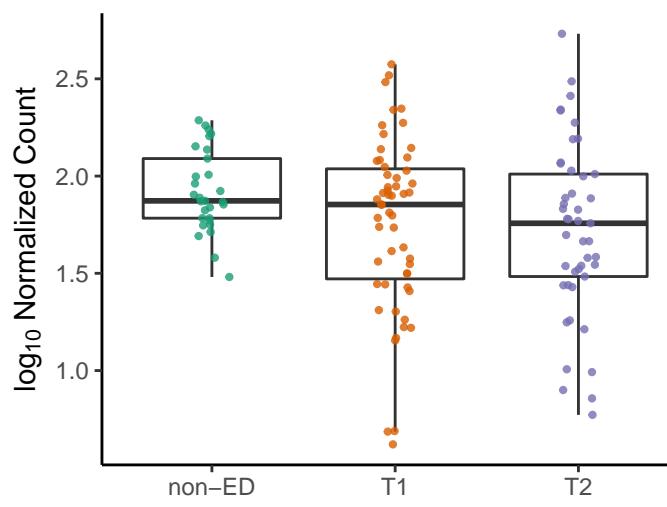
### Candidatus Erwinia haradaeae

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.9



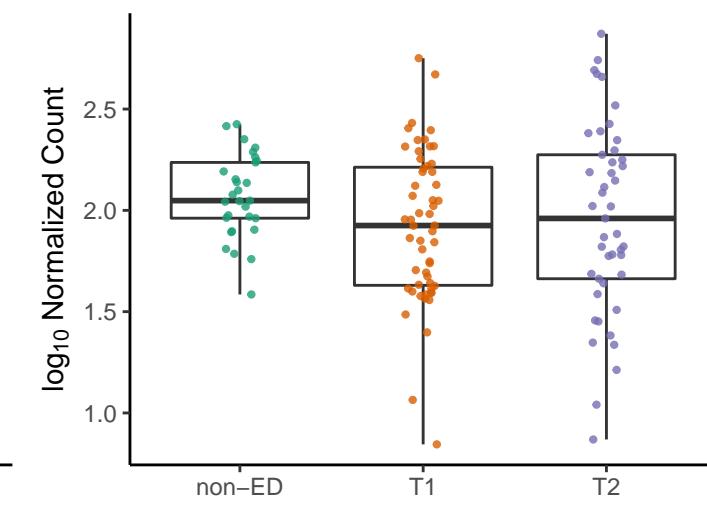
### Sphingomonas panacis

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.97



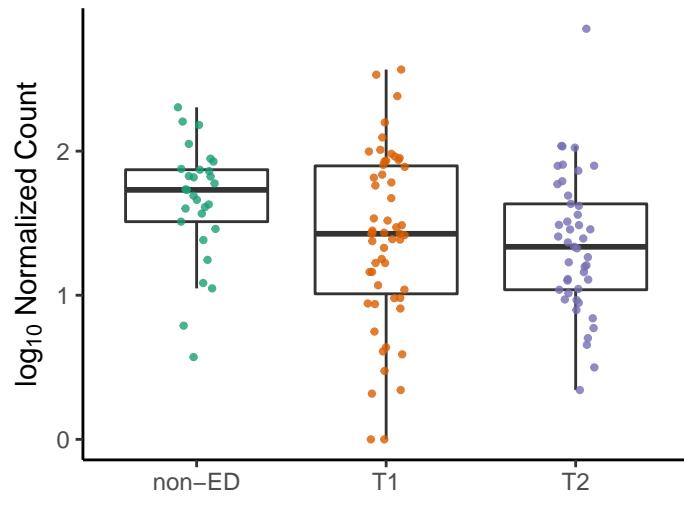
### Diaphorobacter sp. HDW4B

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.9



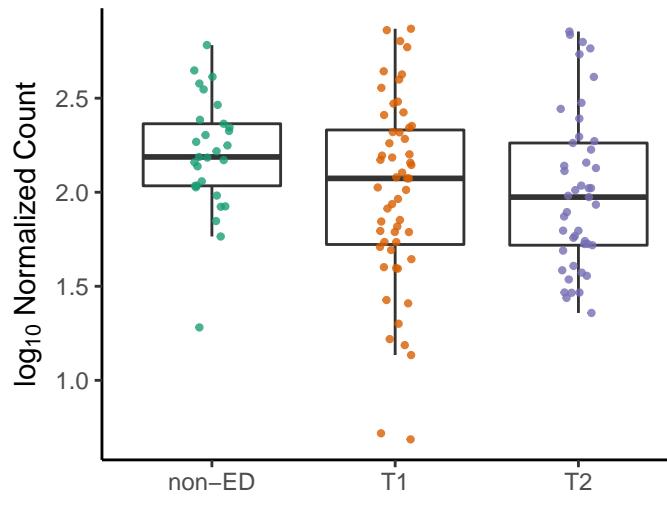
### Legionella jordanis

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.91



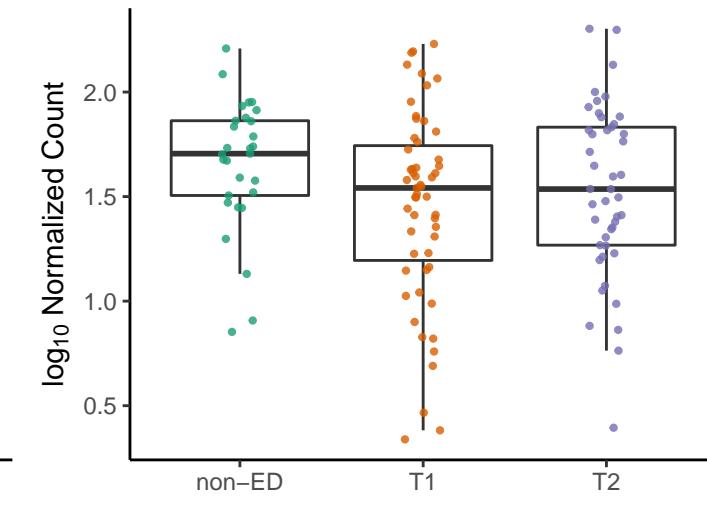
### Leifsonia xyli

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.86



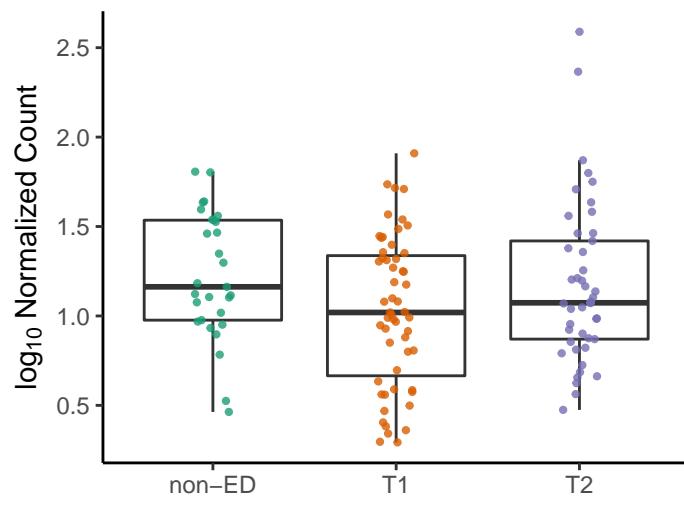
### Leptospira mayottensis

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.91



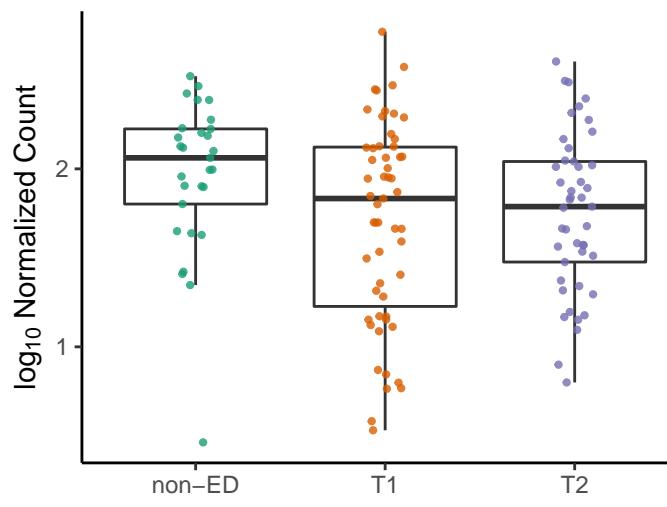
### Mycobacterium tuberculosis

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.6  
T1 vs. T2 adjusted p = 0.85



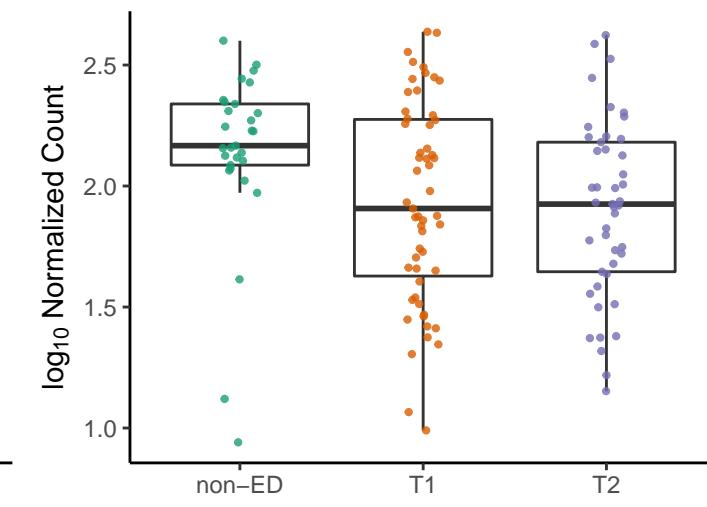
### Nocardioides sp. SB3-45

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.87



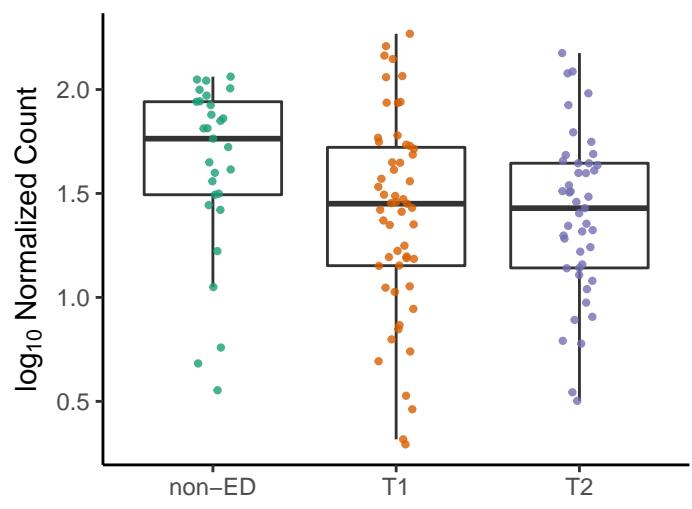
### Ilyobacter polytropus

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.9



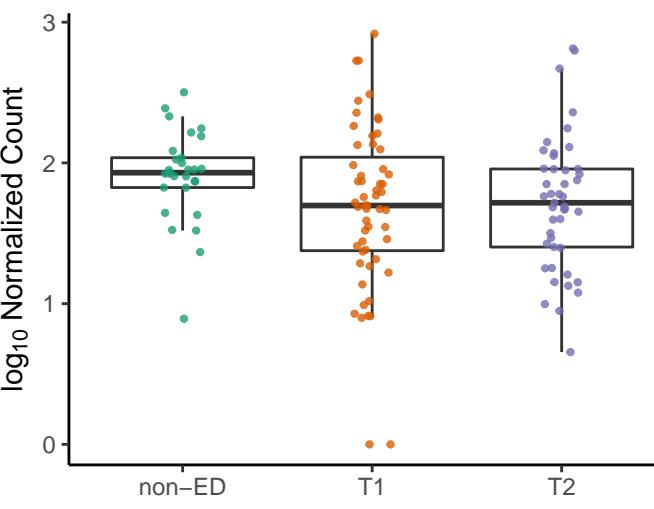
### *Shewanella japonica*

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.98



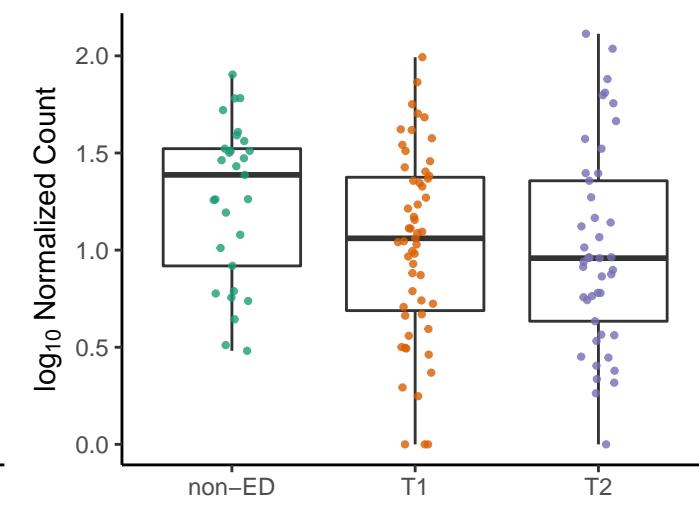
### *Streptomyces* sp. Z022

non-ED vs. T1 adjusted p = 0.048  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.9



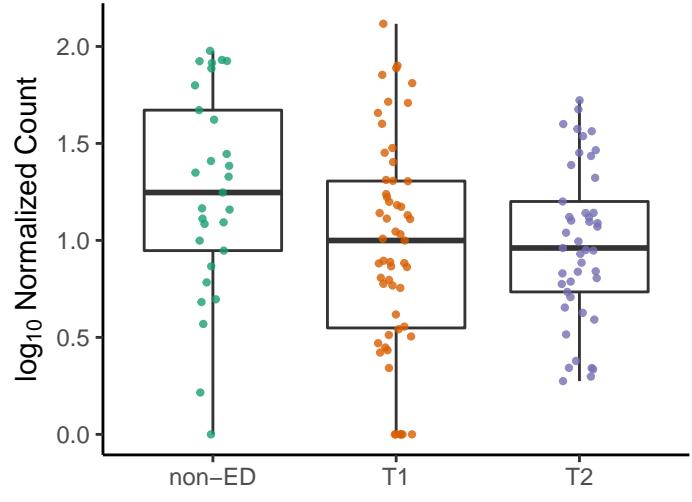
### *Bartonella quintana*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.9



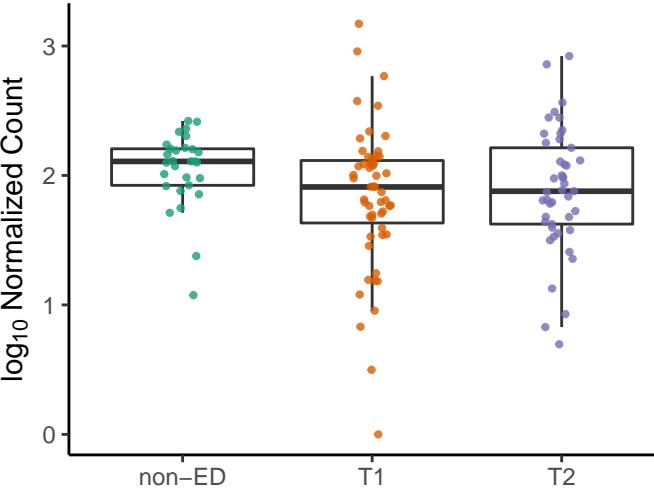
### *Candidatus Atelocyanobacterium thalassum*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.94



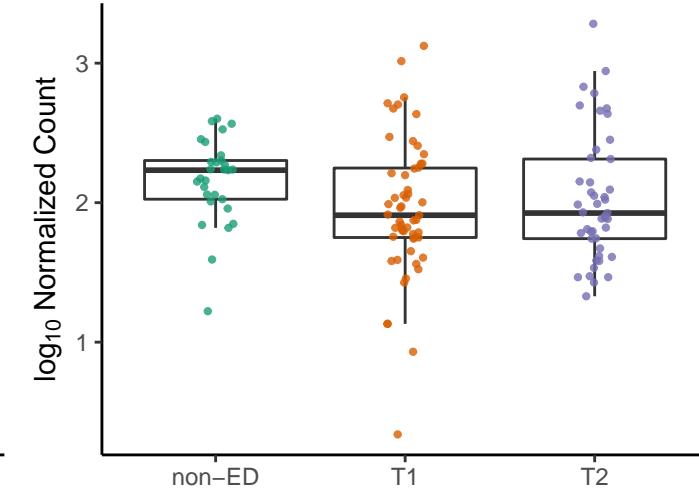
### *Aquaspirillum* sp. LM1

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



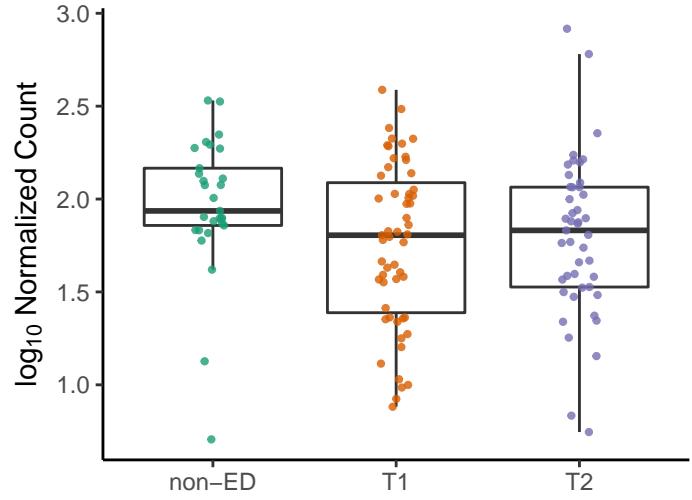
### *Parageobacillus* genomosp. 1

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.86



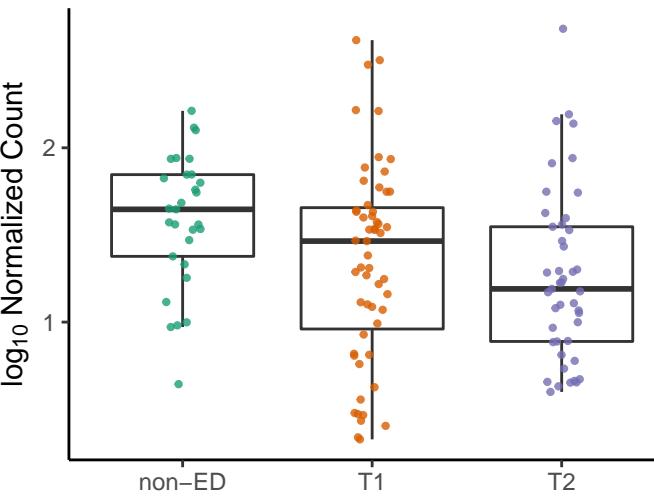
### *Erwinia persicina*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.86



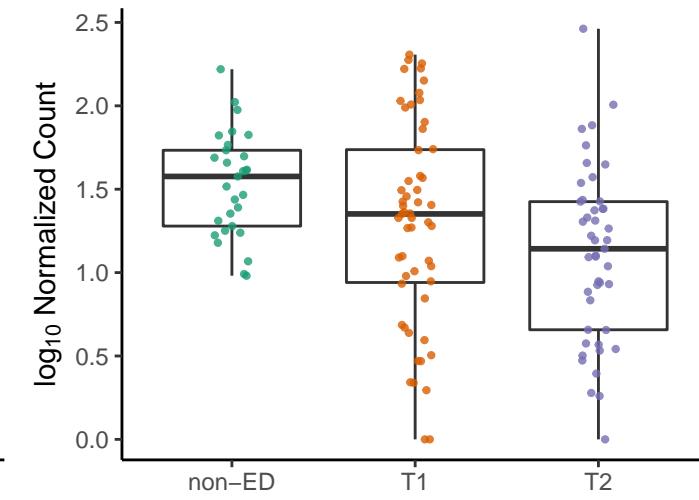
### *Candidatus Sulcia muelleri*

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



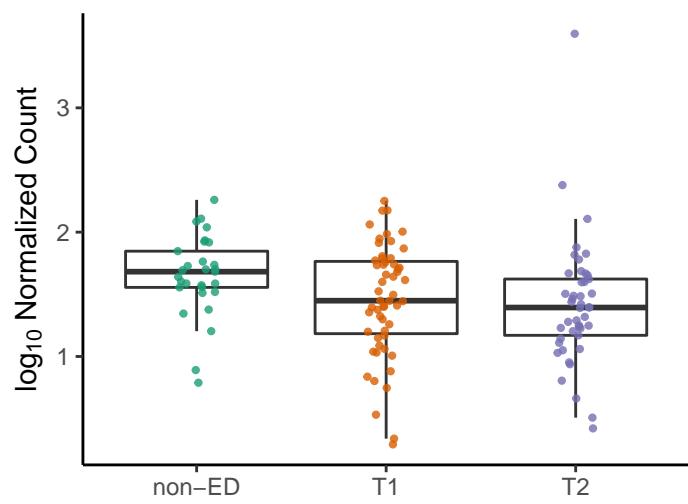
### *Helicobacter hepaticus*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.85



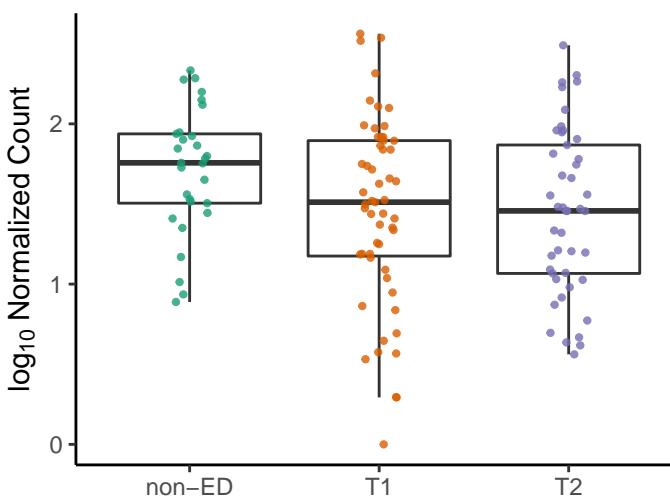
### Oceanospirillales bacterium S2-4-1H

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.85



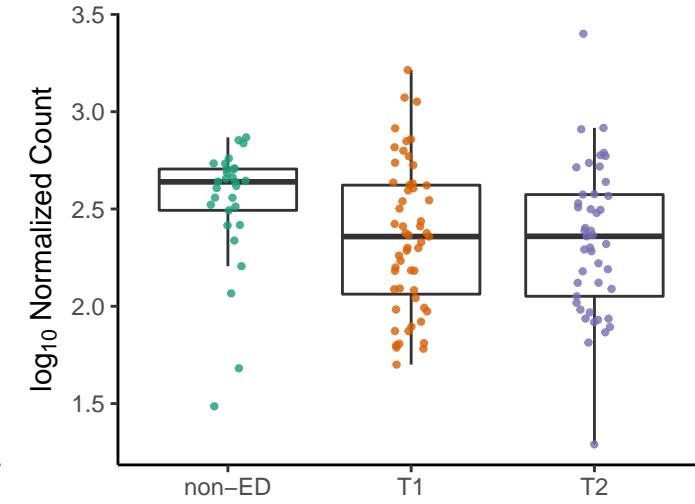
### Cryobacterium arcticum

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.96



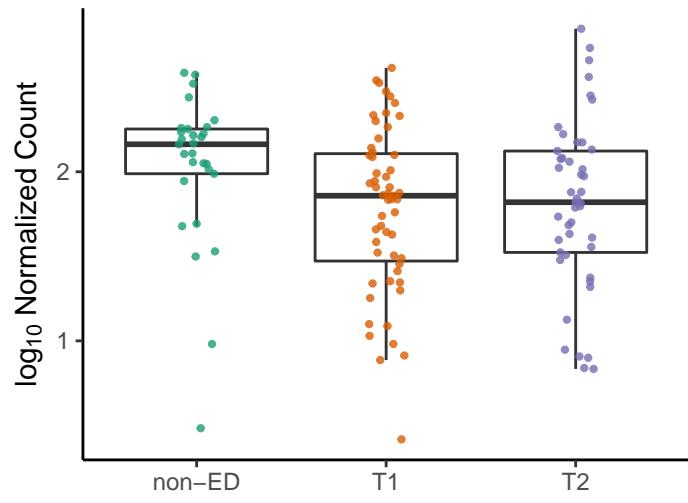
### Megamonas hypermegale

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.99



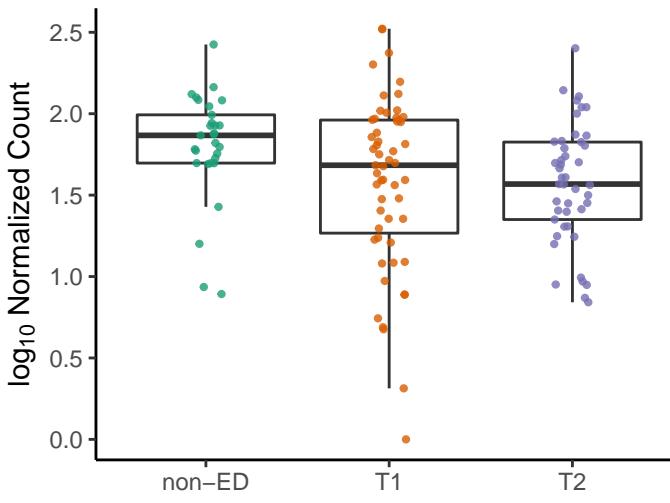
### Halomonas subglaciescola

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.86



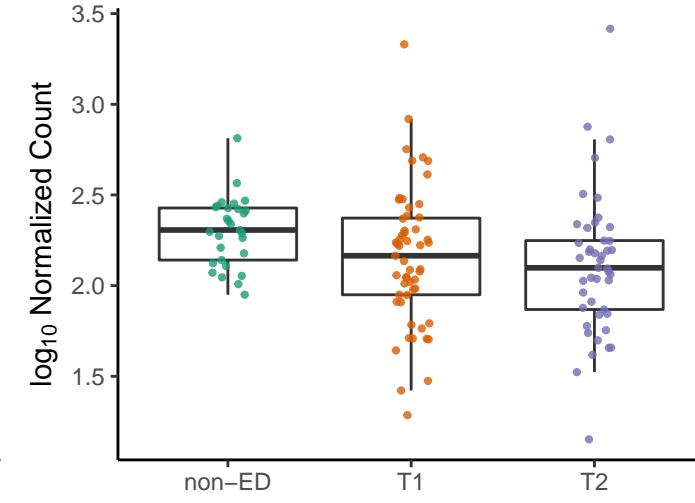
### Mycobacteroides saopaulense

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.93



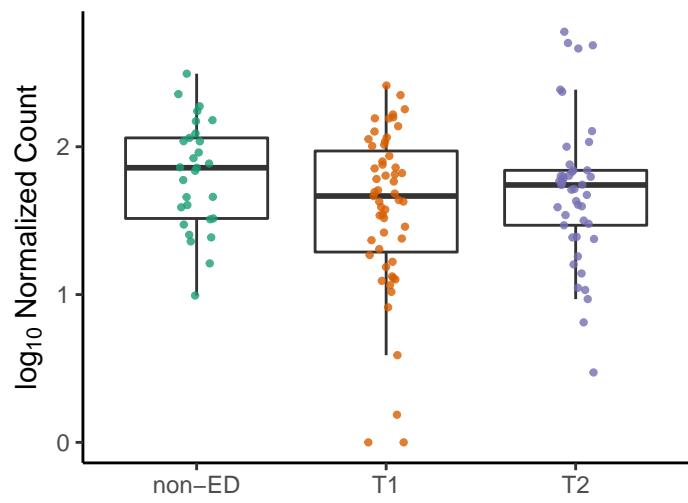
### Vibrio vulnificus

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.91



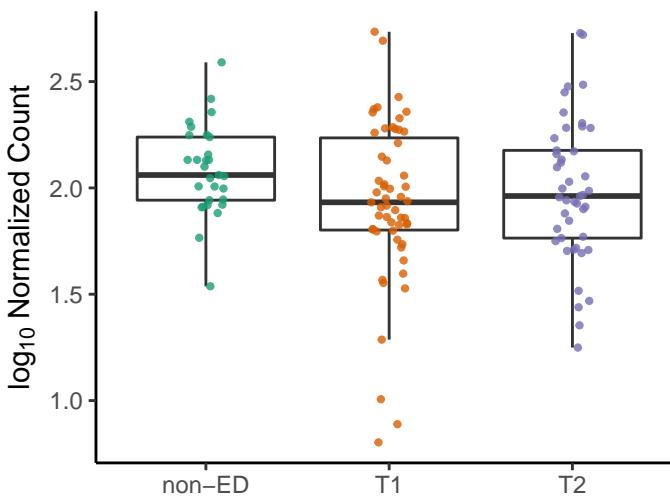
### Methylocystis parvus

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.33  
T1 vs. T2 adjusted p = 0.85



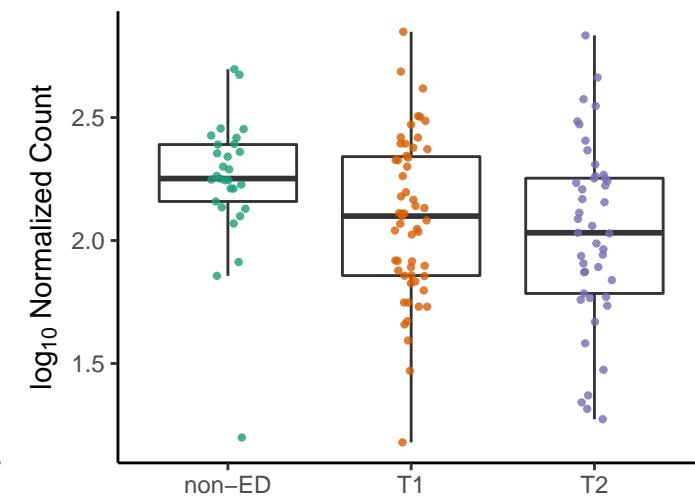
### Exiguobacterium sibiricum

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85

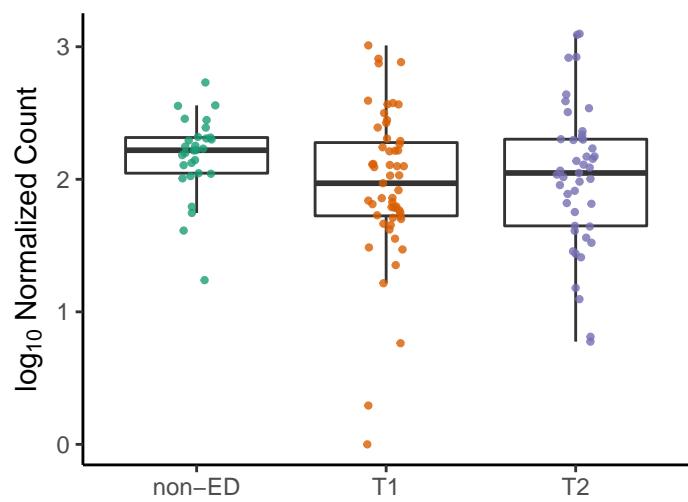


### Fictibacillus arsenicus

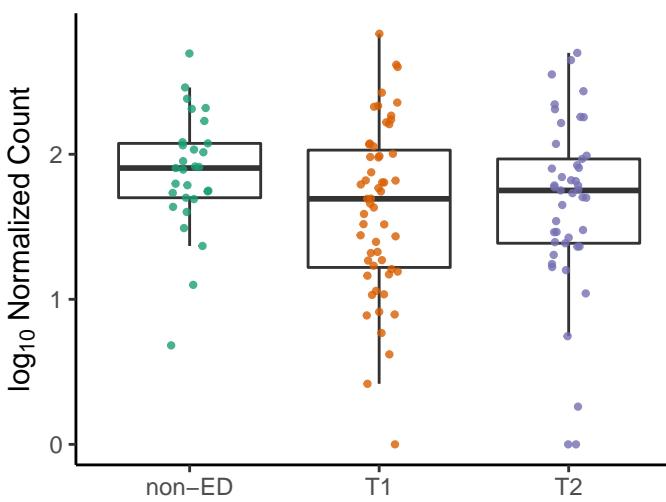
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.9



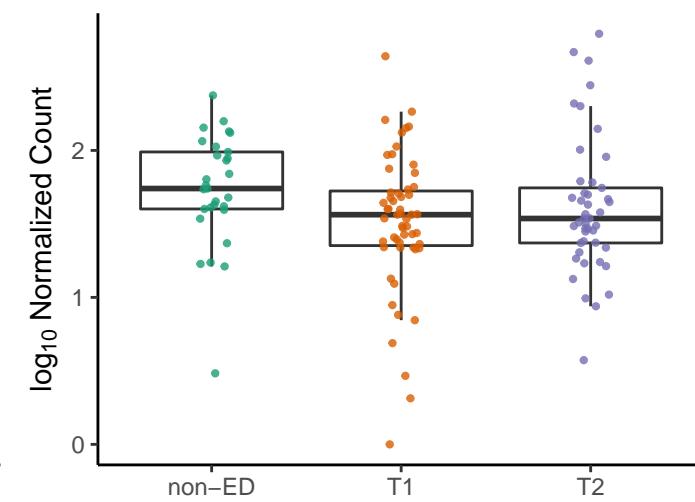
*Geodermatophilus obscurus*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85



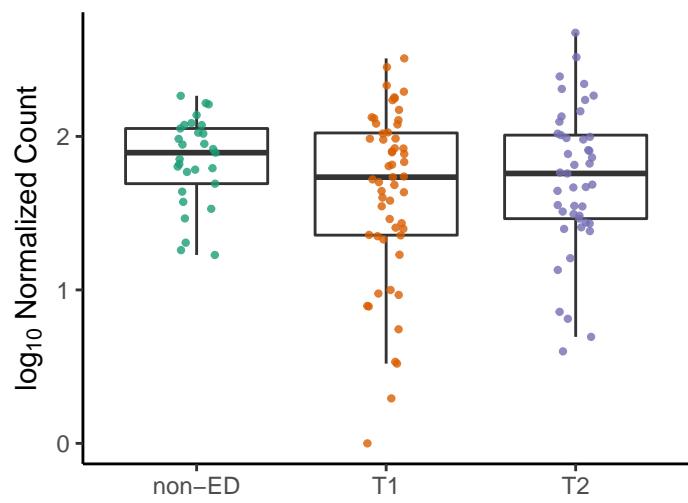
*Microbacterium sp. TPU 3598*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.85



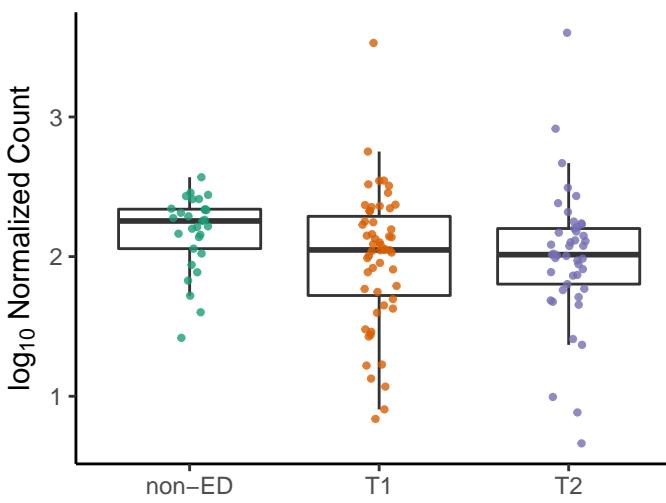
*Paraburkholderia caledonica*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.85



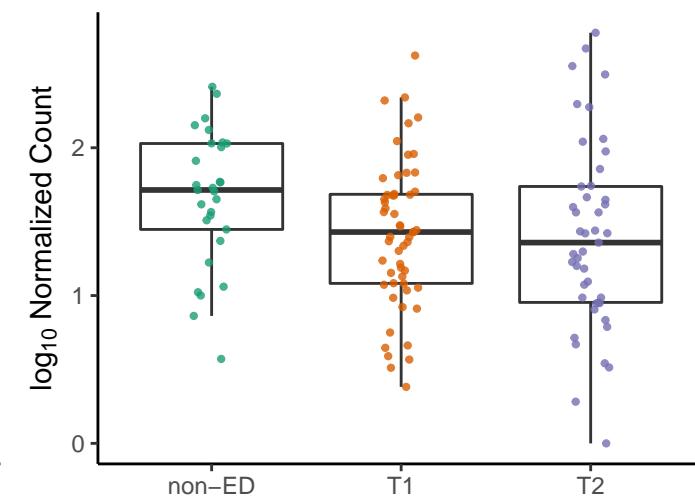
*Streptomyces* sp. SirexAA-E  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.85



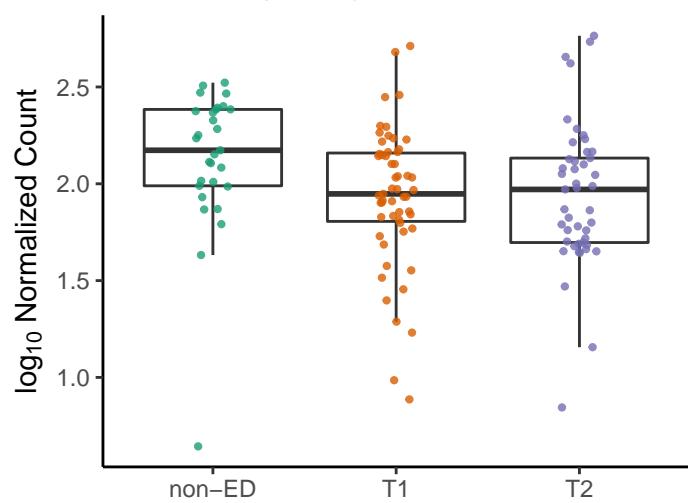
*Haliscomenobacter hydrossis*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.99



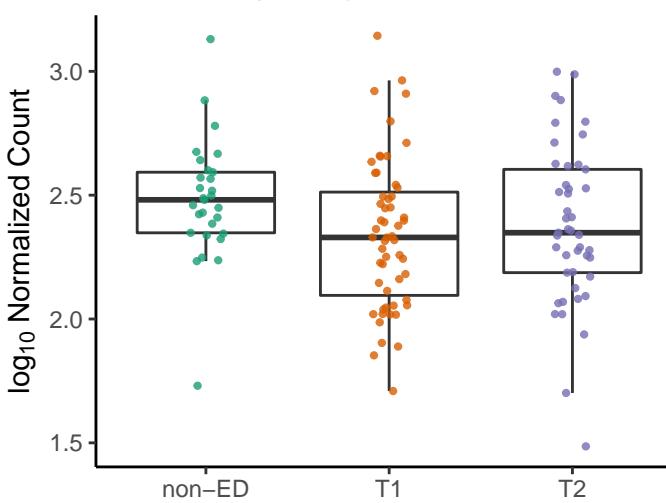
Unclassified Pyricularia Genus  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.91



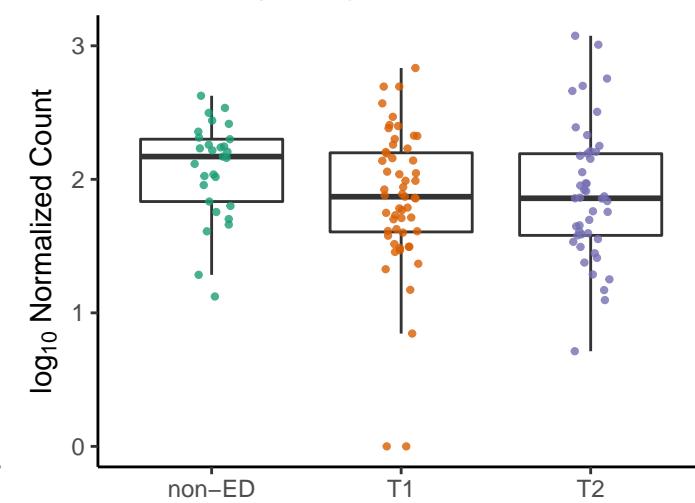
*Arachidicoccus ginsenosidivorans*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.99



*Bacillus velezensis*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85

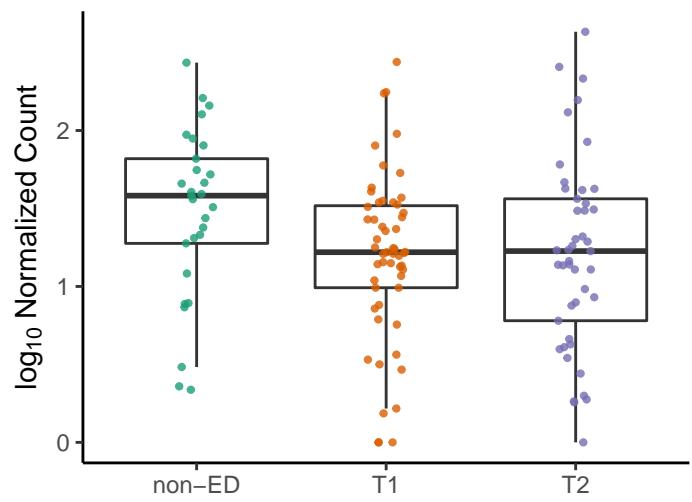


*Methylobacterium durans*  
non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.86



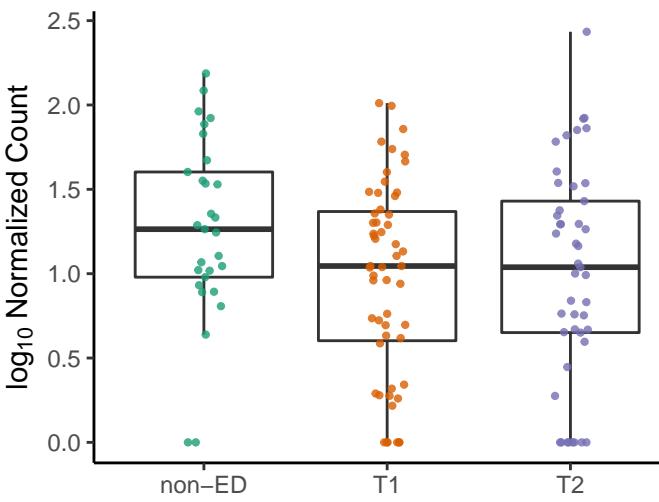
### *Halomonas* sp. PA16-9

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.85



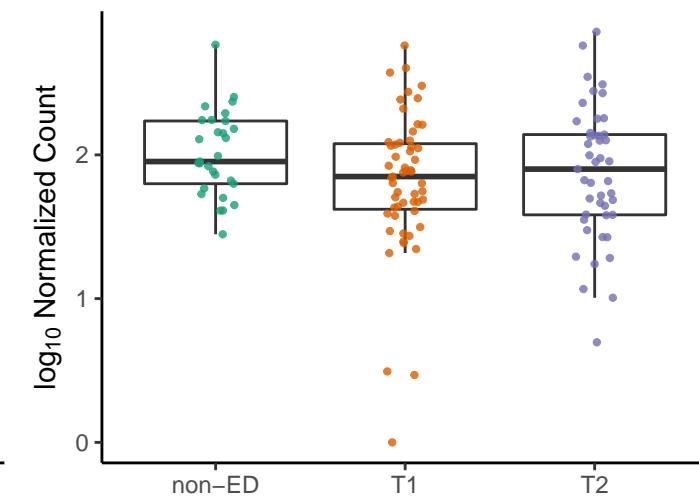
### *Rhizobium* sp. S41

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.92



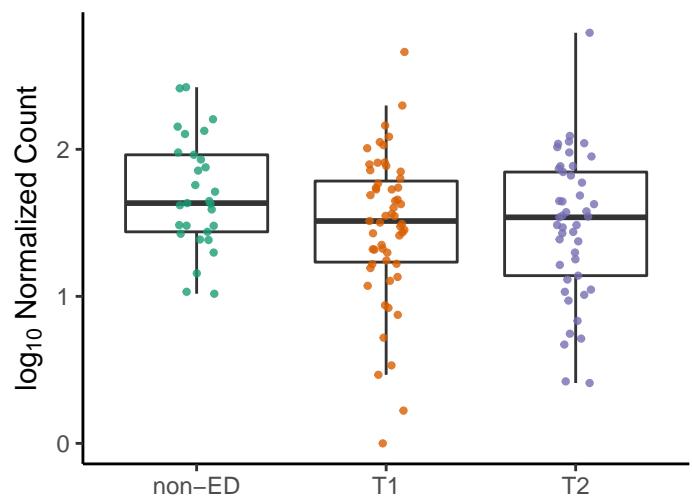
### *Mycolicibacterium mageritense*

non-ED vs. T1 adjusted p = 0.049  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



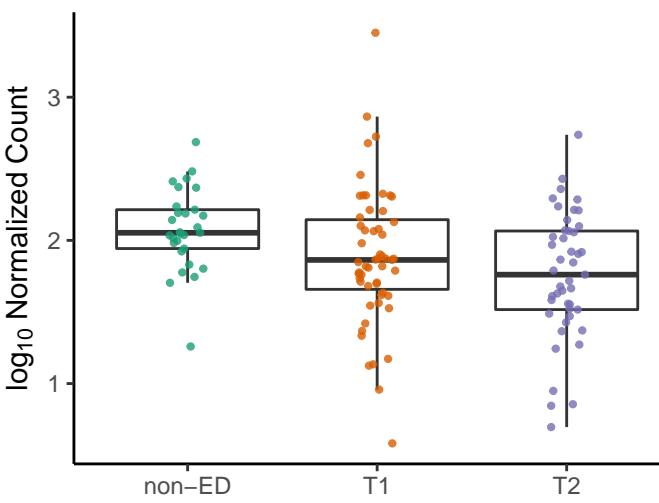
### *Pseudomonas* sp. URMO17WK12:I11

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.91



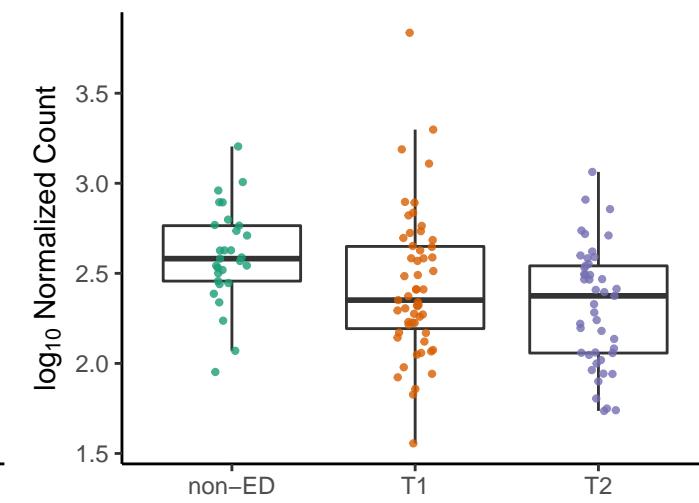
### *Kosakonia cowanii*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.0046  
 T1 vs. T2 adjusted p = 0.85



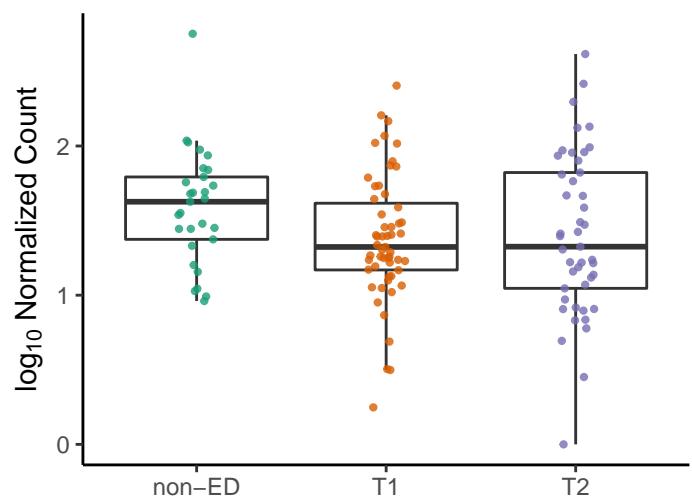
### Unclassified Leclercia Genus

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.86



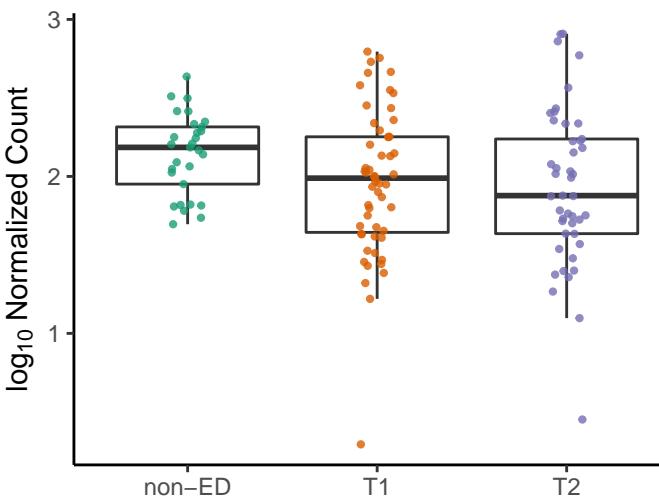
### *Simkania negevensis*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.86



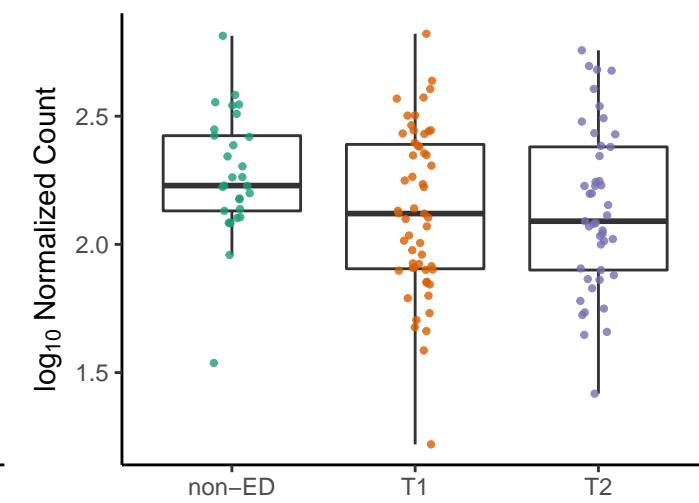
### *Streptomyces* sp. QMT-12

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.99



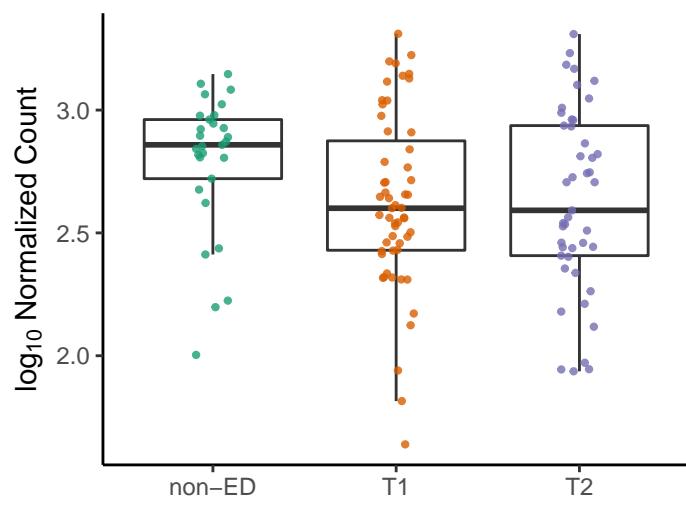
### *Bacillus* sp. S3

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.95



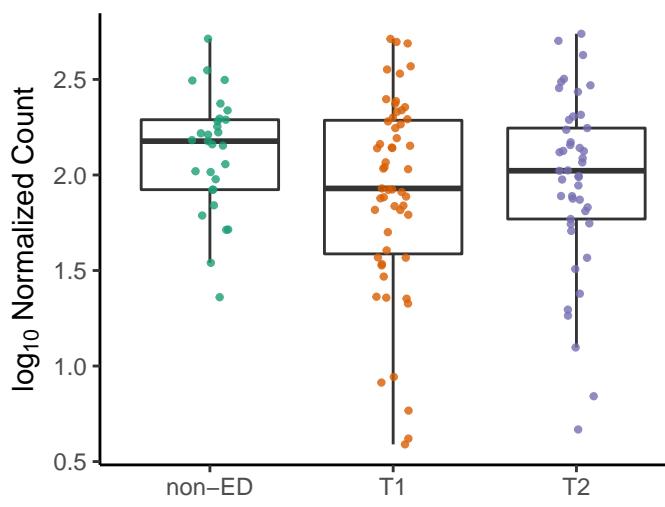
### *Clostridium beijerinckii*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.96



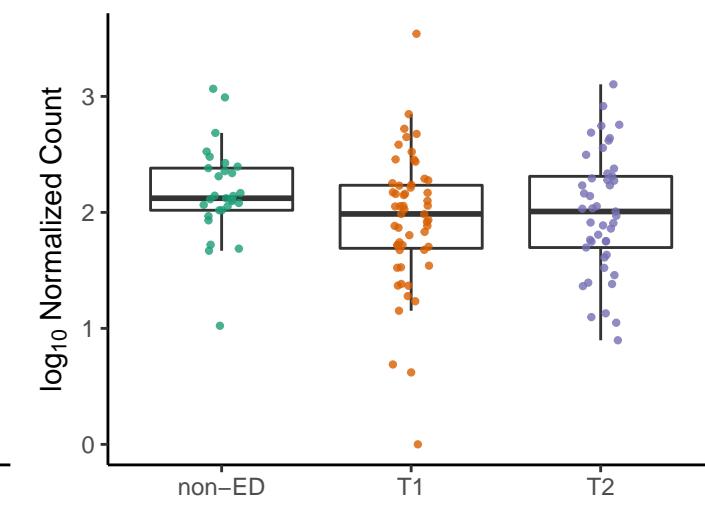
### *Corynebacterium xerosis*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



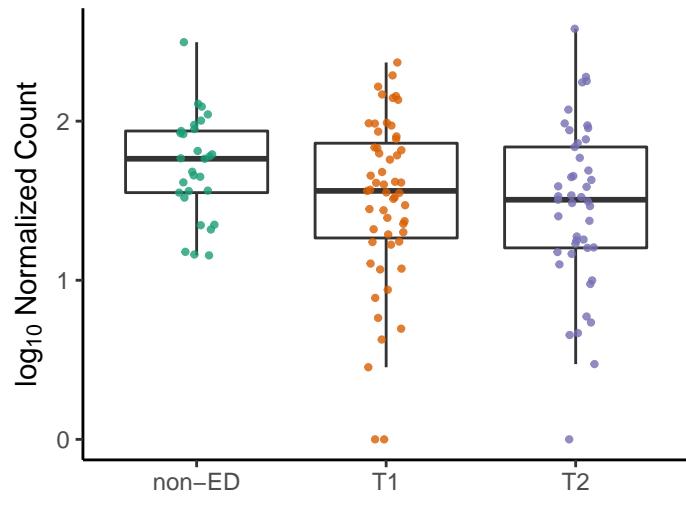
### *Egicoccus halophilus*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



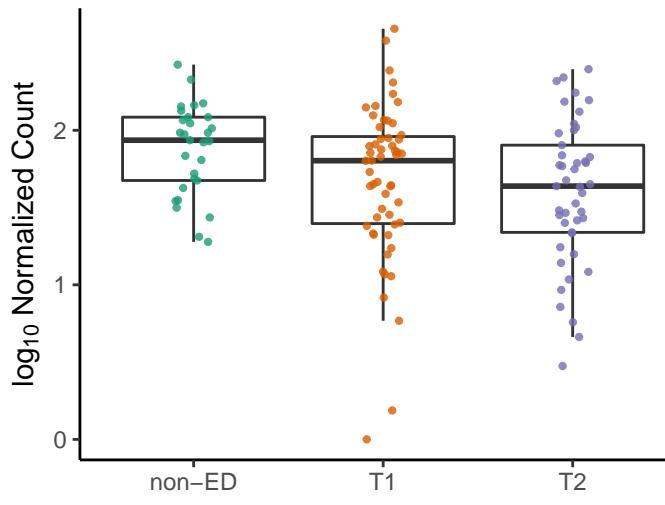
### *Mycobacteroides immunogenum*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.98



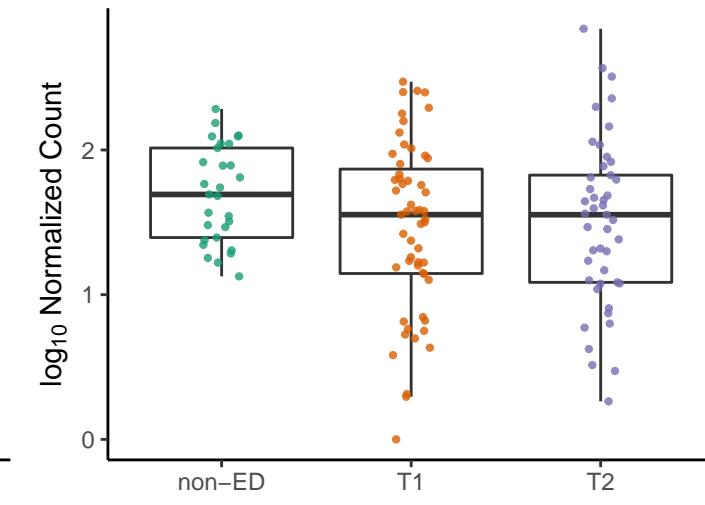
### *Mycolicibacter sinensis*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.96



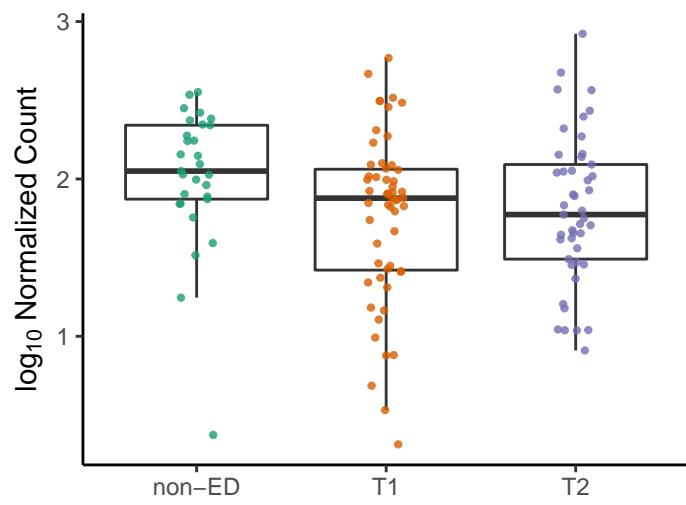
### *Sericicoccus marinus*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



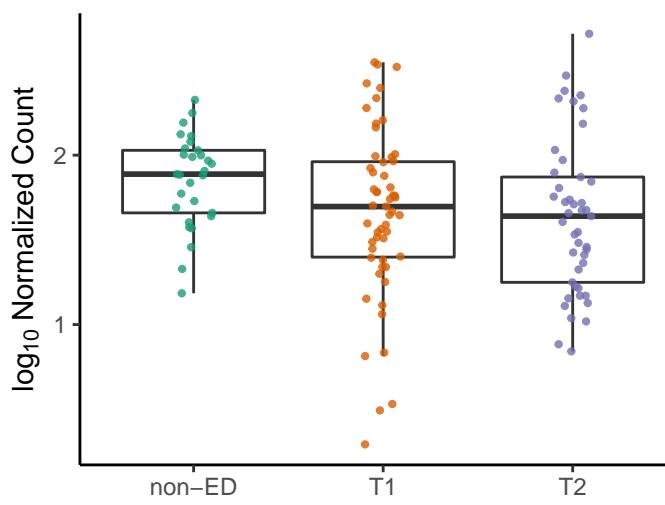
### *Sphingomonas sp. FARSPH*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.95



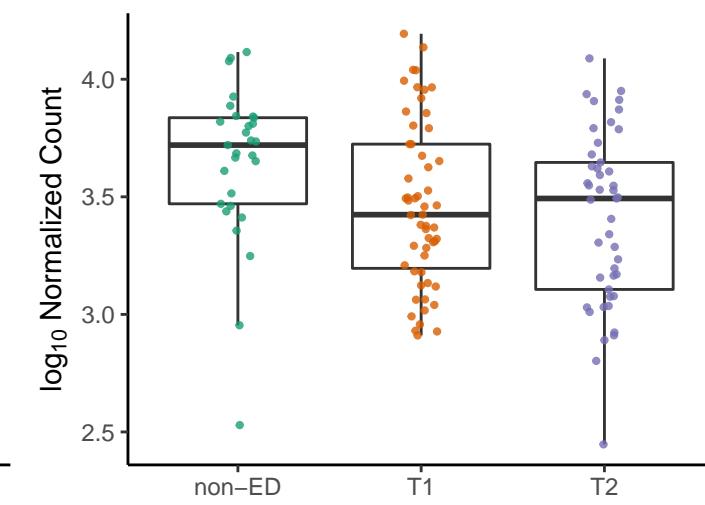
### *Mycobacterium sp. JS623*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.97

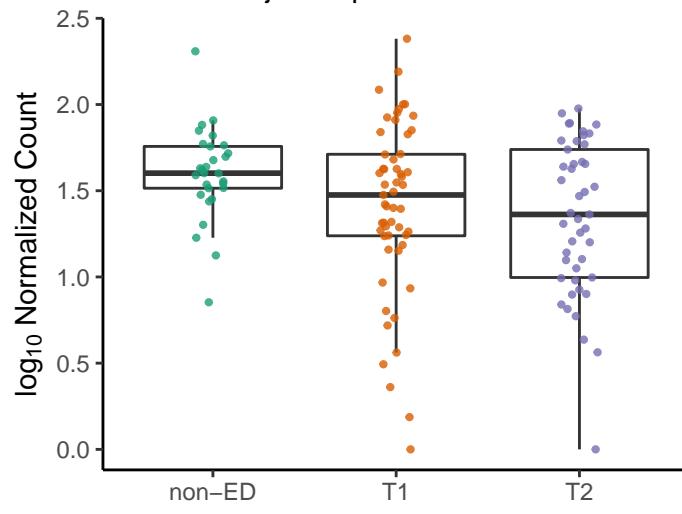


### Unclassified Clostridium Genus

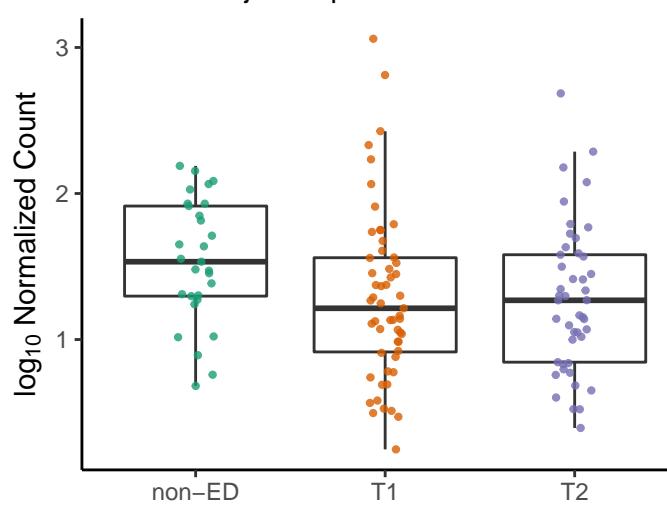
non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



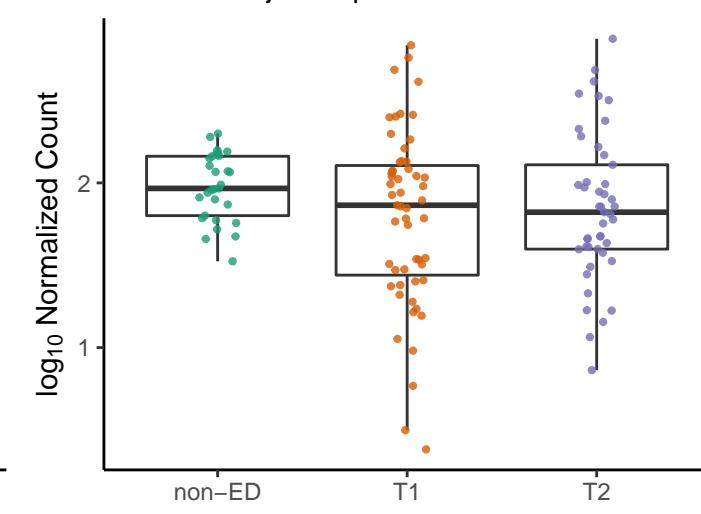
*Jonesia denitrificans*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 1



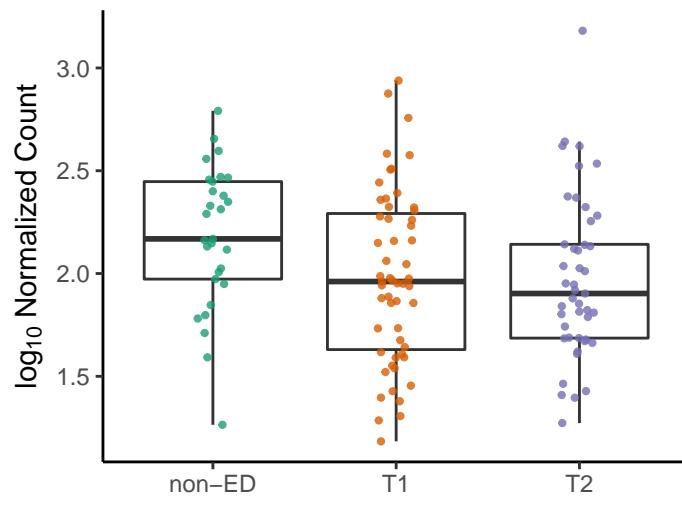
*Methanobacterium lacus*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.97



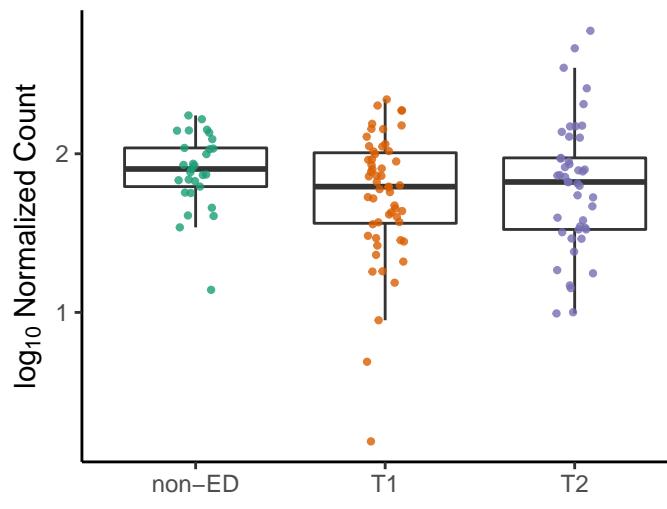
*Pandoraea thiooxydans*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



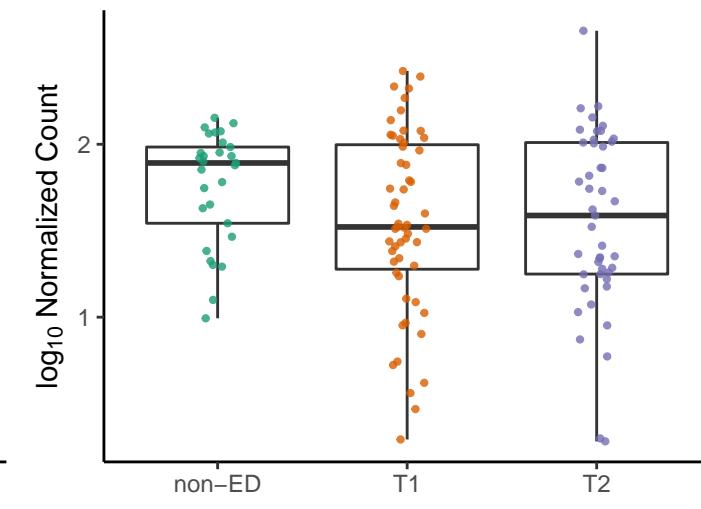
*Vibrio cholerae*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.96



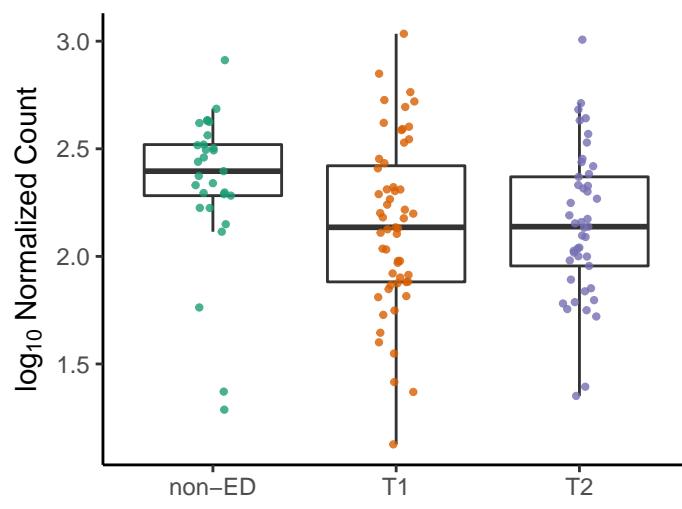
*Sulfuricella denitrificans*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.85



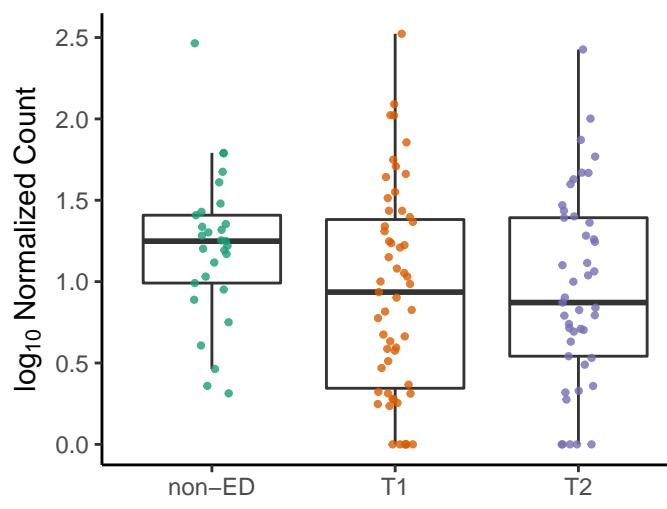
*Mycobacterium shinjukuense*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.91



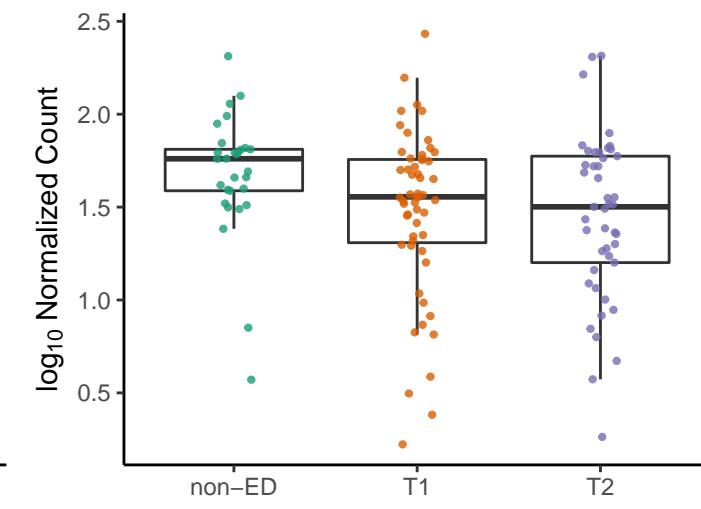
Unclassified Lysinibacillus Genus  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.93



*Stenotrophomonas sp. ZAC14D2\_NAIM*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.87

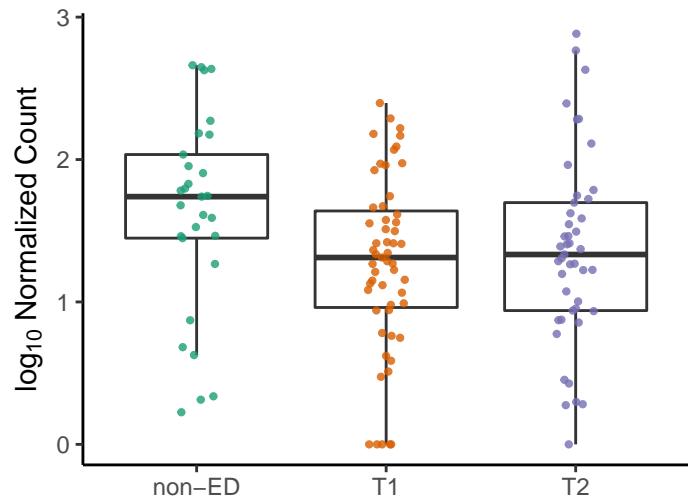


*Methylomonas sp. LW13*  
non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.97



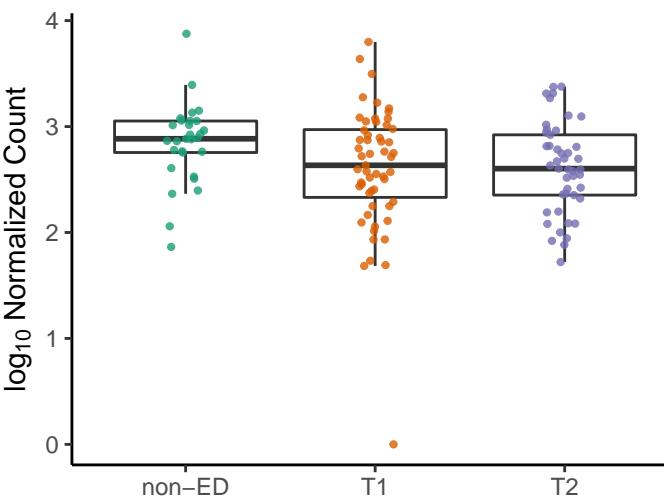
### Burkholderia sp. LA-2-3-30-S1-D2

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85



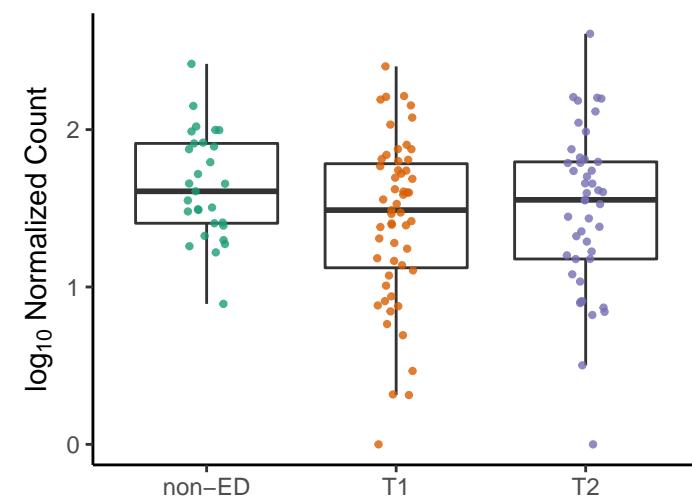
### Phoenicibacter congoensis

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.87



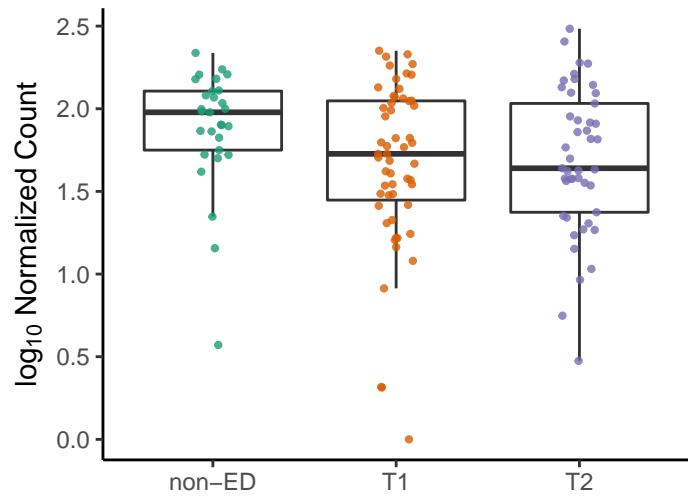
### Pseudarthrobacter sulfonivorans

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



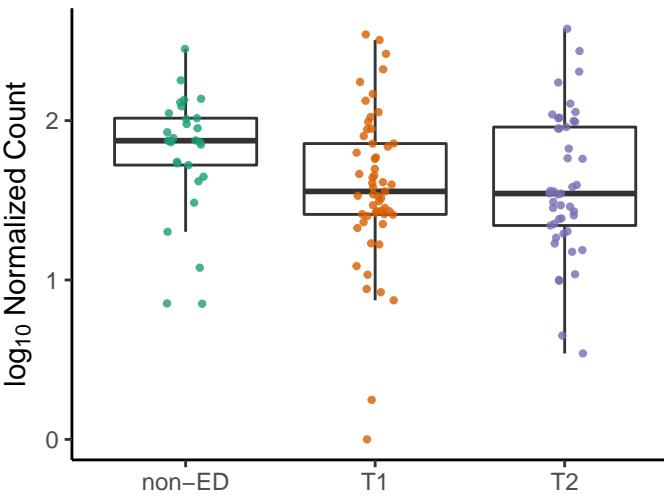
### Pseudomonas nitroreducens

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.86



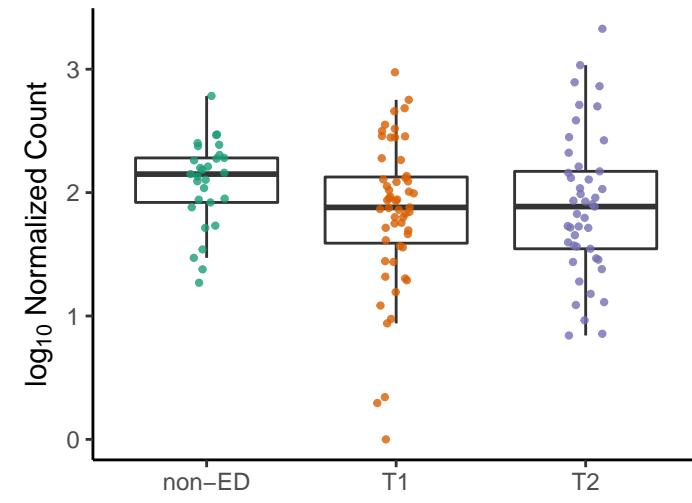
### Staphylococcus caprae

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.95



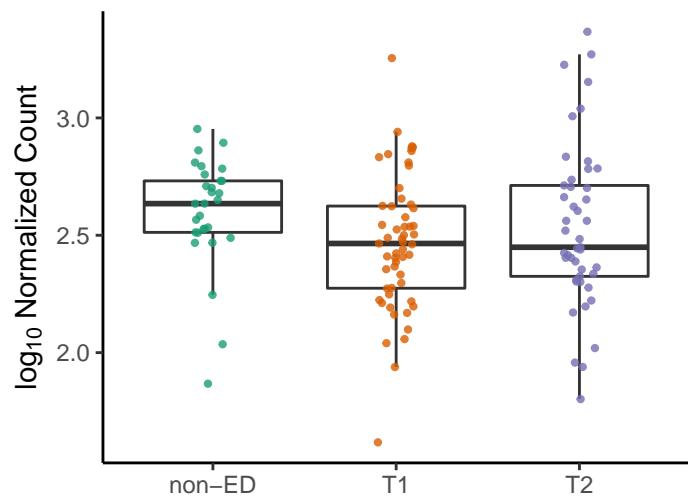
### Planctomycetales bacterium

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.88



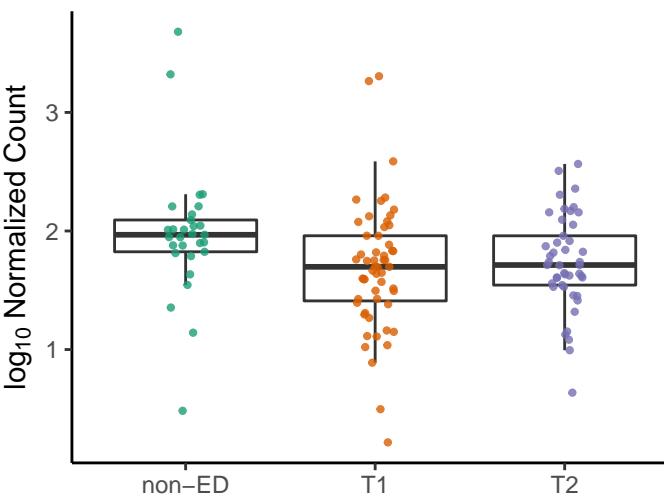
### Paenibacillus thiaminolyticus

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.4  
T1 vs. T2 adjusted p = 0.85



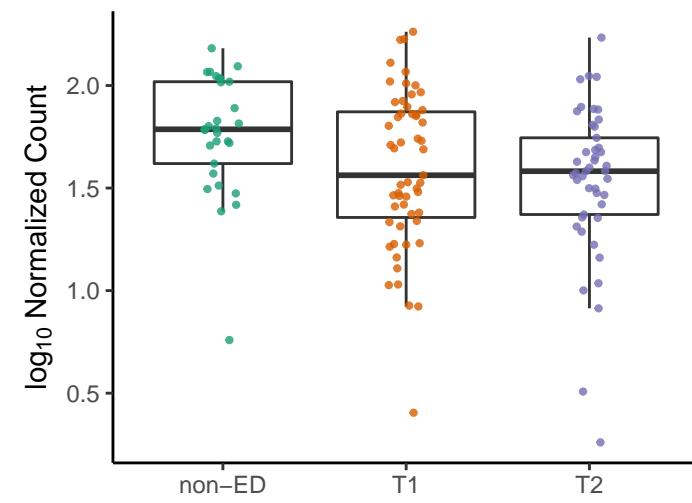
### Unclassified Megasphaera Genus

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.85



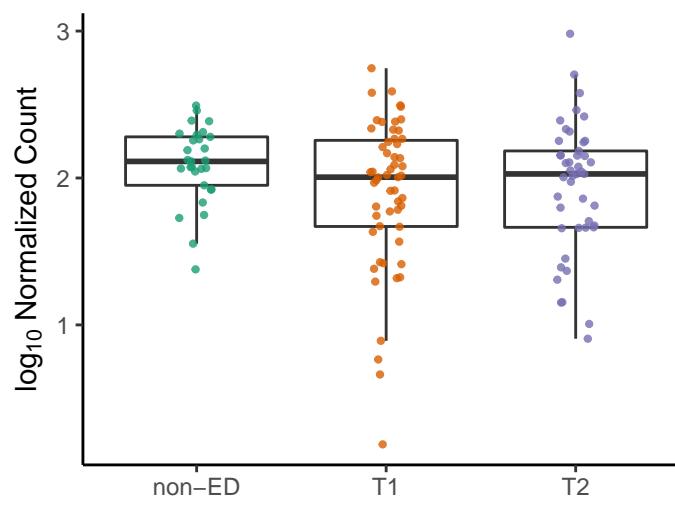
### Vibrio rumoensis

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



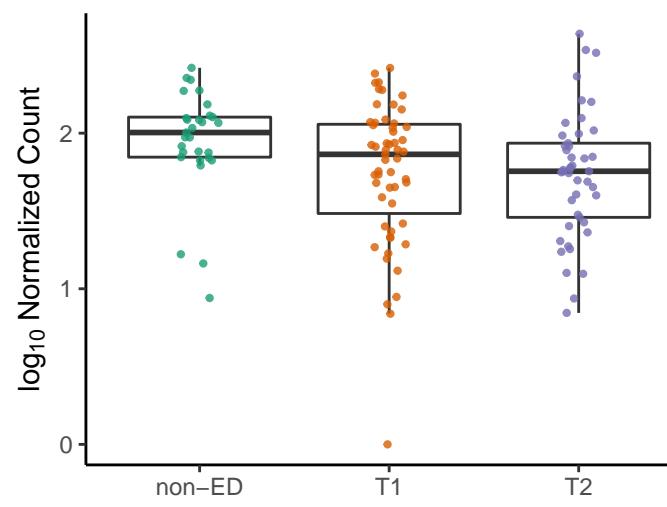
### *Nocardia mangyaensis*

non-ED vs. T1 adjusted p = 0.05  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



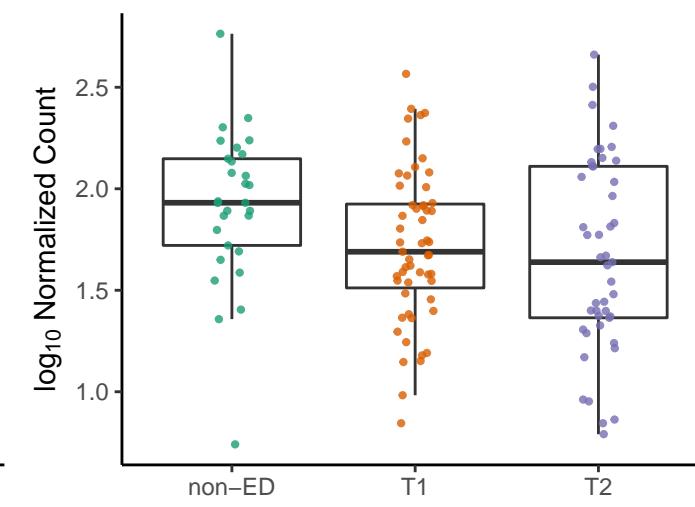
### *Pedobacter sp. HDW13*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



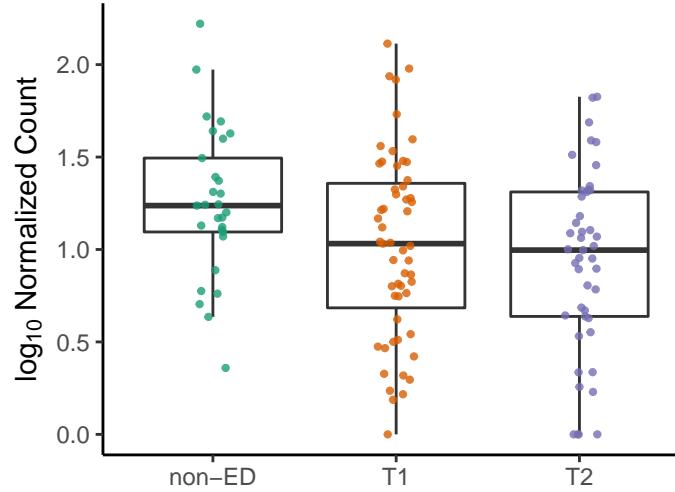
### *Carnobacterium inhibens*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.89



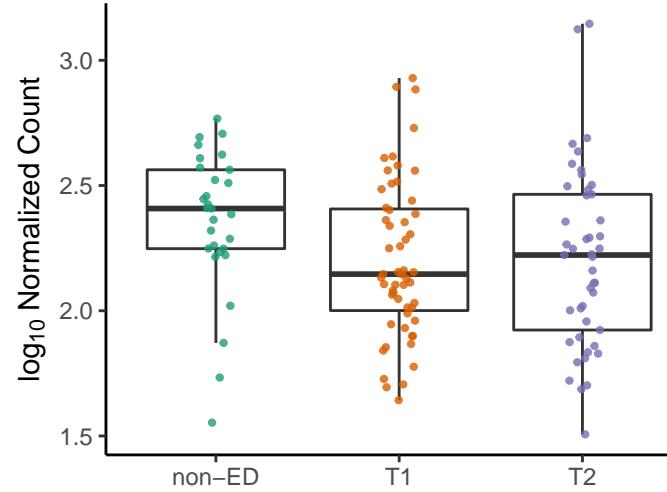
### *Mycoplasma gallopavonis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



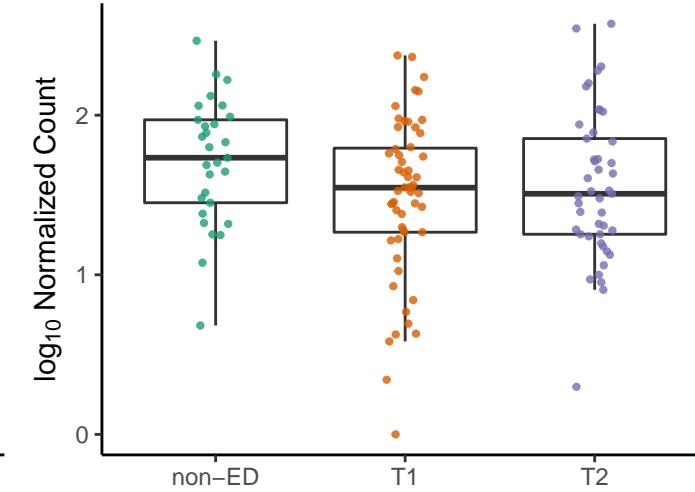
### *Streptococcus ratti*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.089  
 T1 vs. T2 adjusted p = 0.98



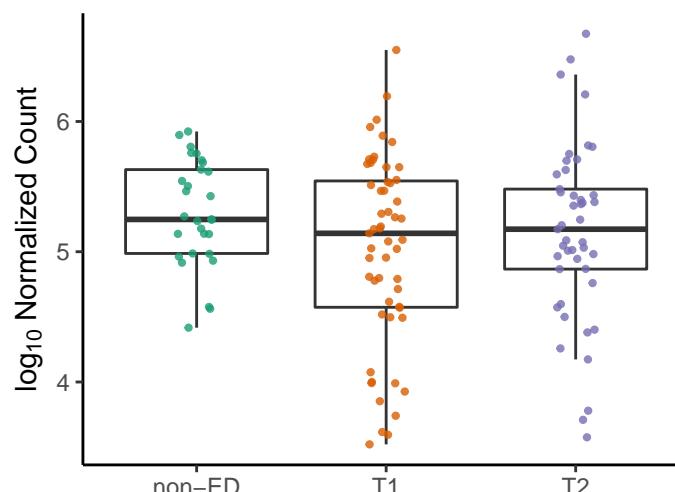
### *Pseudoxanthomonas spadix*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



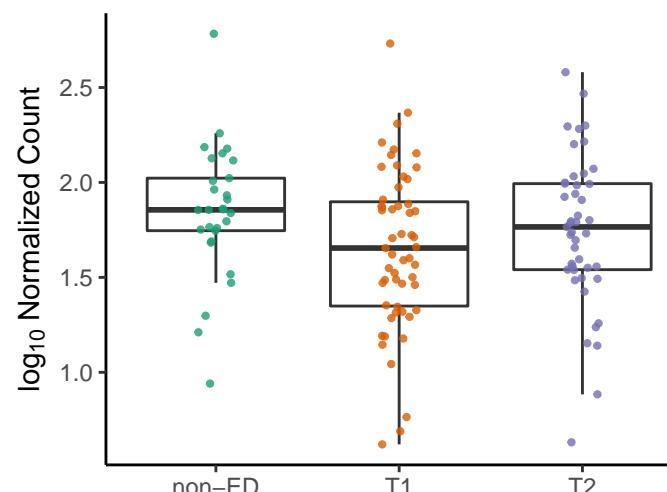
### *Anaerostipes hadrus*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



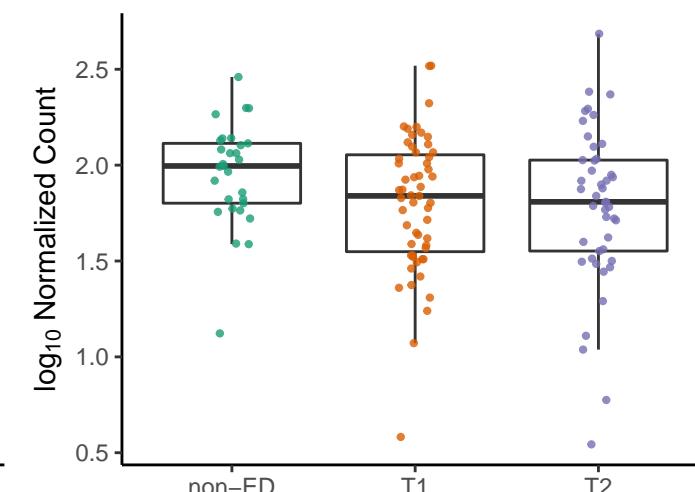
### *Oxynema sp. AP17*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.85



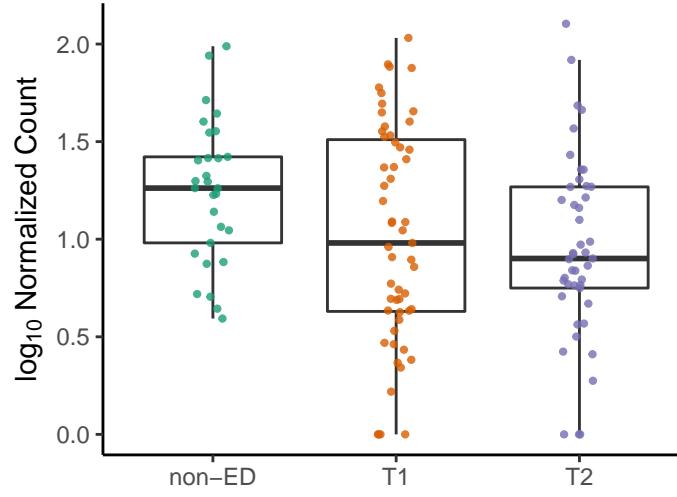
### *Phyllobacterium zundukense*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.99



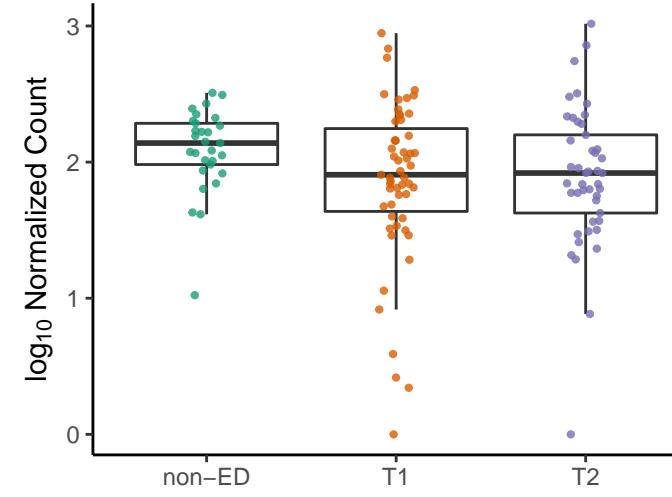
### *Methylobacterium* sp. DM1

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.91



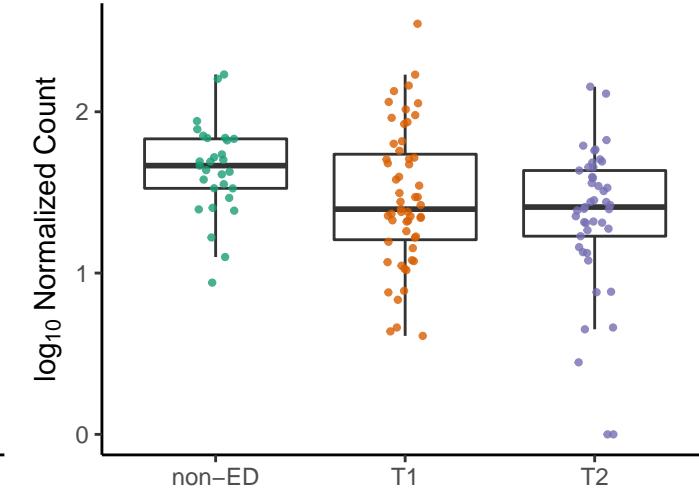
### *Pelagibaca abyssi*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.94



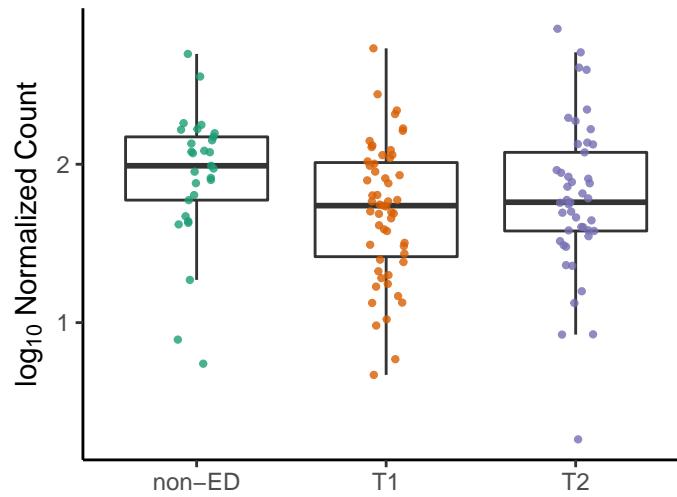
### *Elizabethkingia ursingii*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.0082  
 T1 vs. T2 adjusted p = 0.85



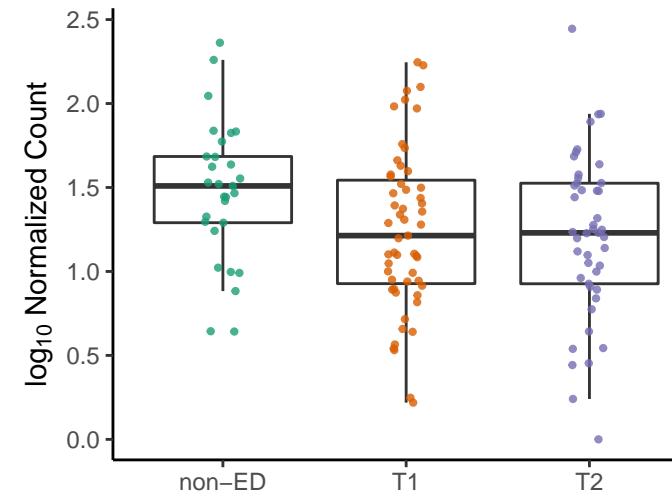
### *Caldicellulosiruptor changbaiensis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.87



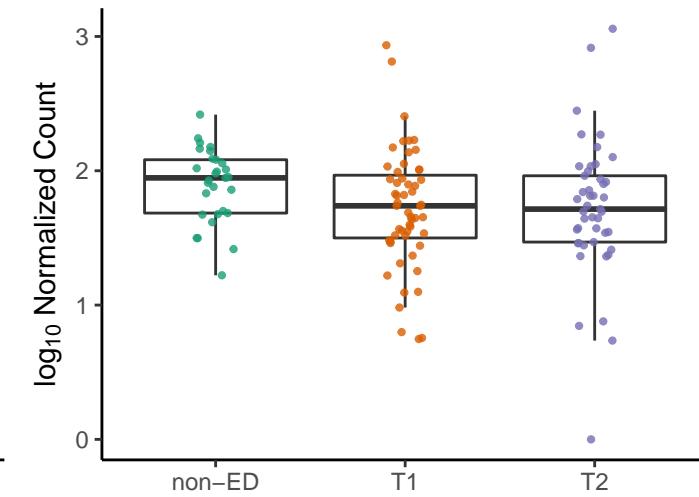
### *Pseudomonas* sp. C27(2019)

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.87



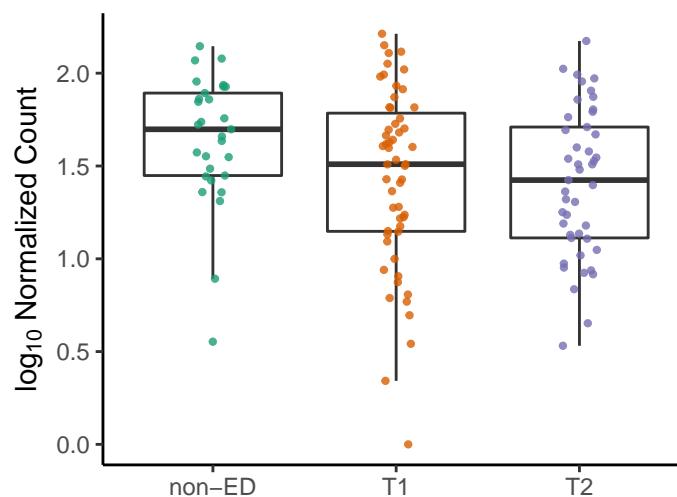
### *Muricauda lutaonensis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 1



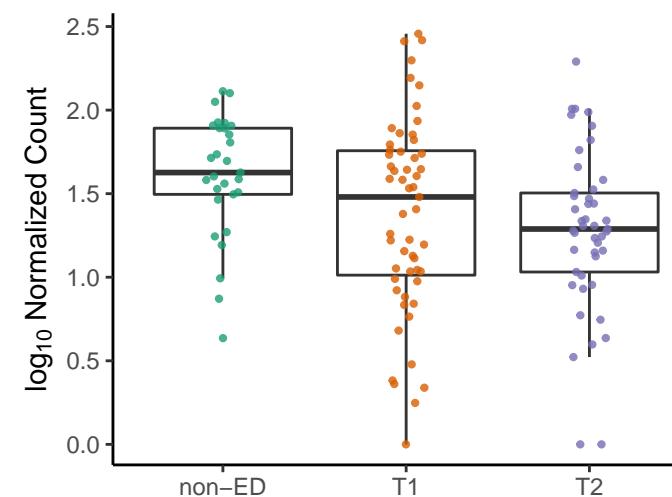
### *Campylobacter insulaenigrae*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



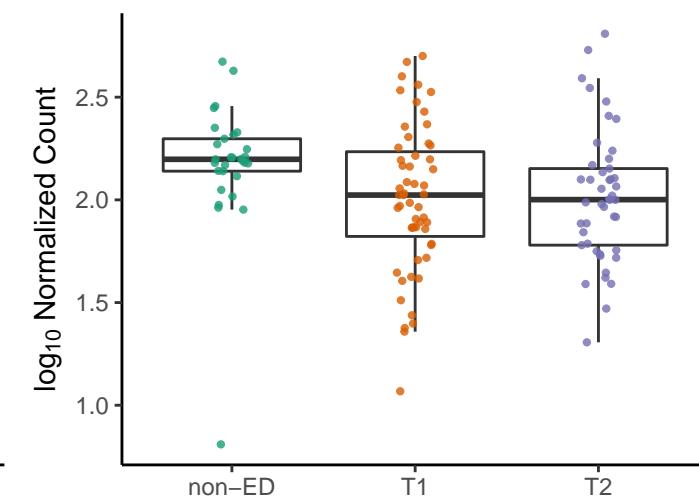
### *Nostoc* sp. *Lobaria pulmonaria* (5183) c

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.0096  
 T1 vs. T2 adjusted p = 0.85



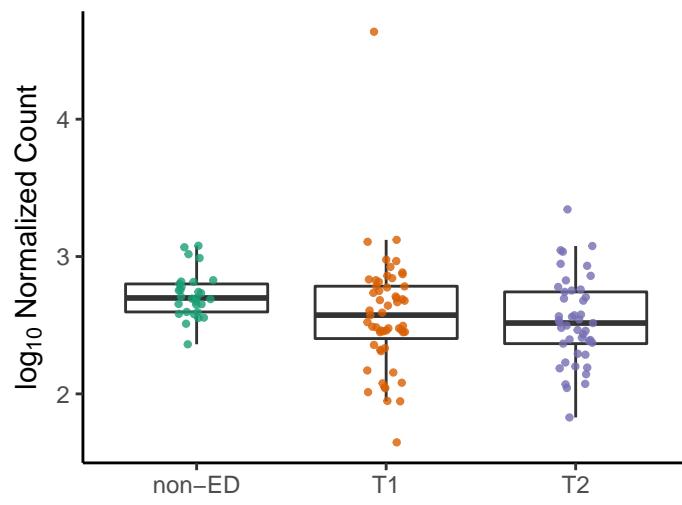
### *Filimonas lacunae*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 1



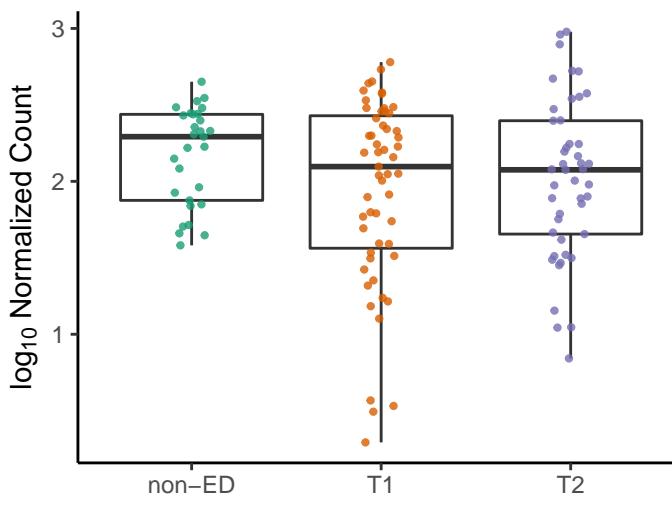
### *Serratia marcescens*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.92



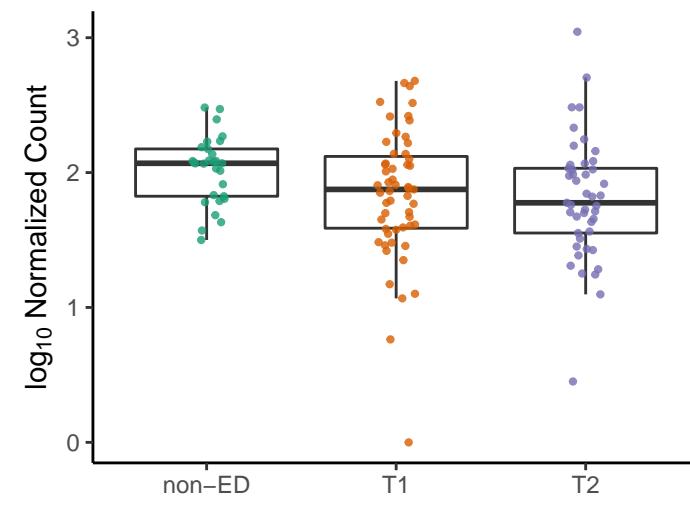
### *Streptomyces olivoreticuli*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.87



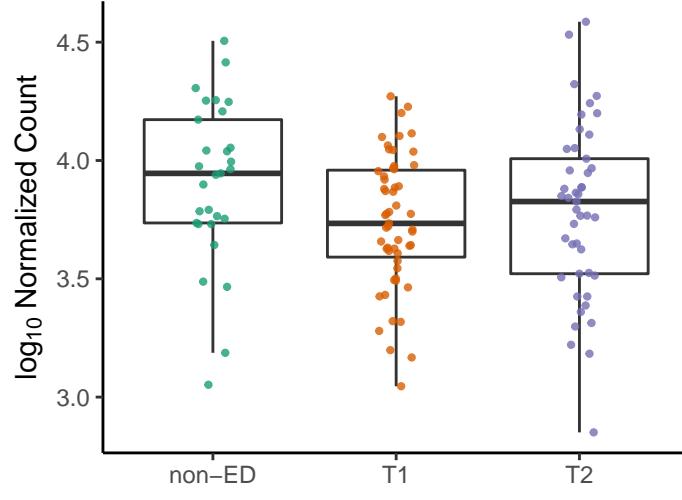
### Unclassified Desulfuromonadales Order

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 1



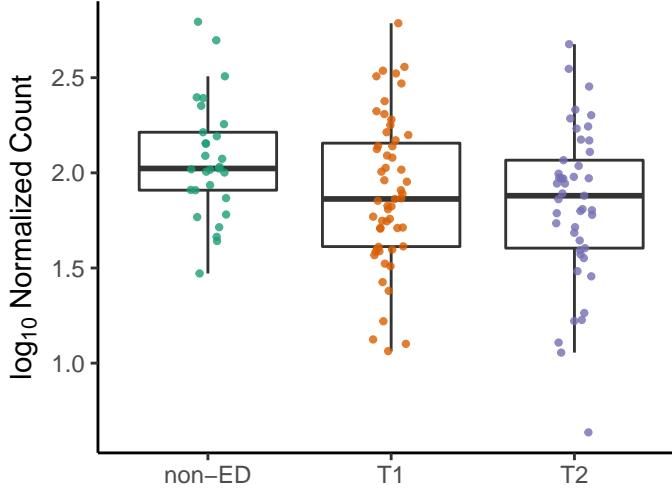
### *Lacrimispora saccharolytica*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



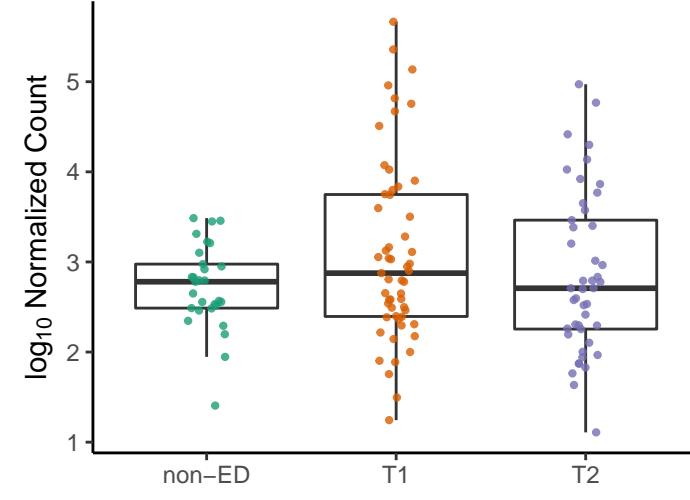
### *Pseudodesulfovibrio piezophilus*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.95



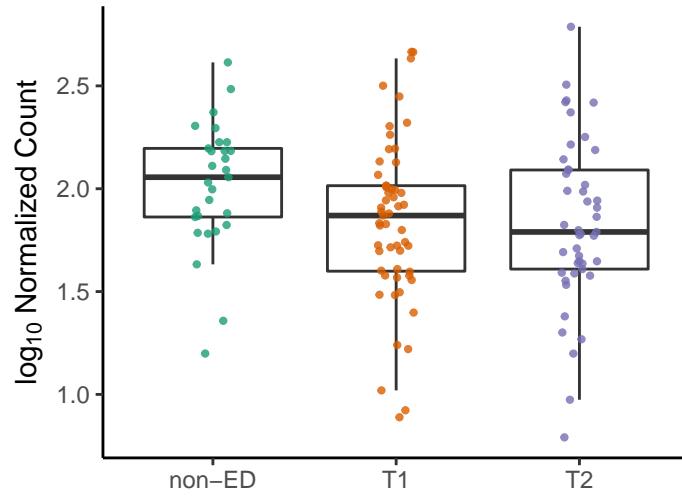
### *Veillonella parvula*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.47  
 T1 vs. T2 adjusted p = 0.85



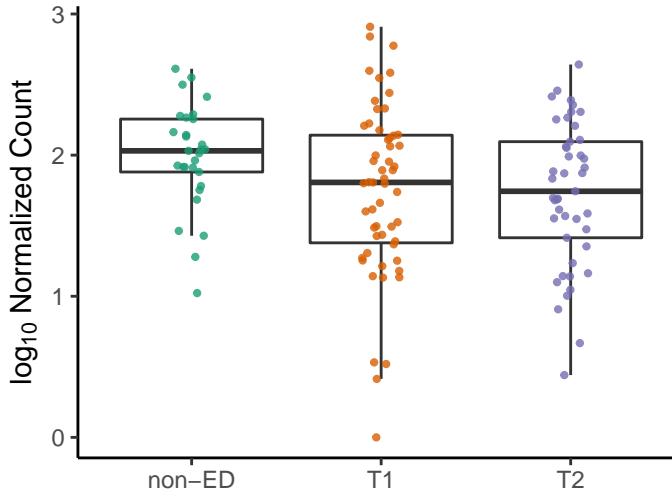
### *Chryseobacterium lactis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.98



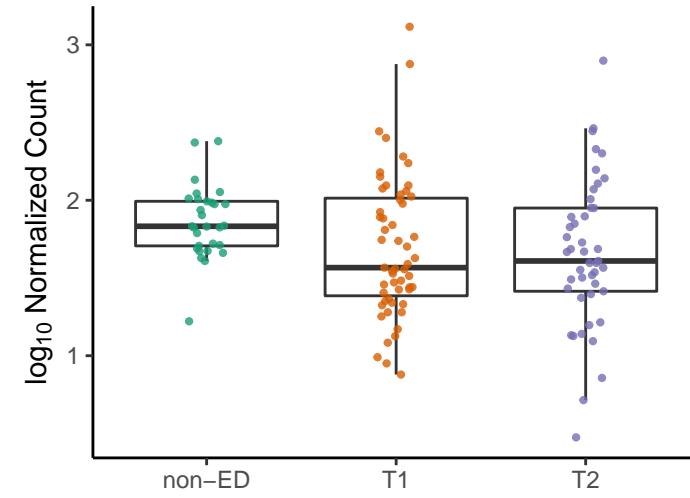
### *Cellulomonas shaoxiangyii*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.99



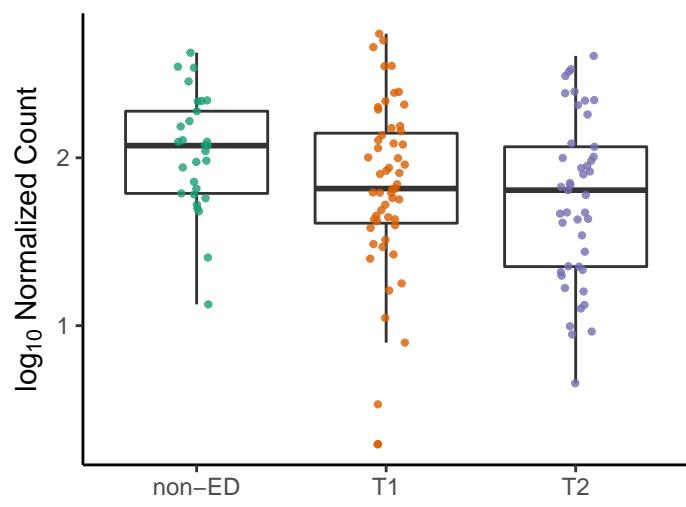
### Enterobacteriaceae bacterium ENNIH1

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.91



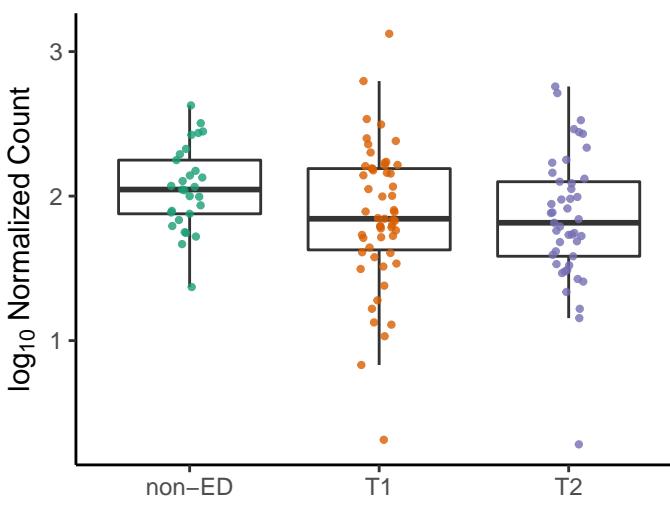
### *Streptomyces* sp. YIM 121038

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.94



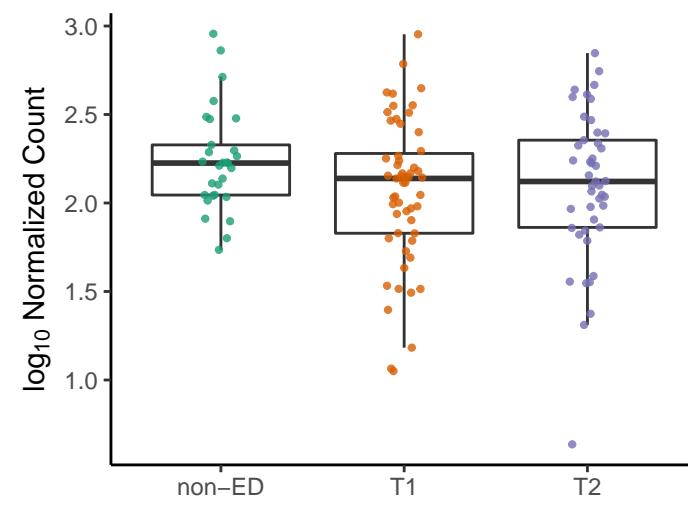
### *Achromobacter* sp. AONIH1

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.97



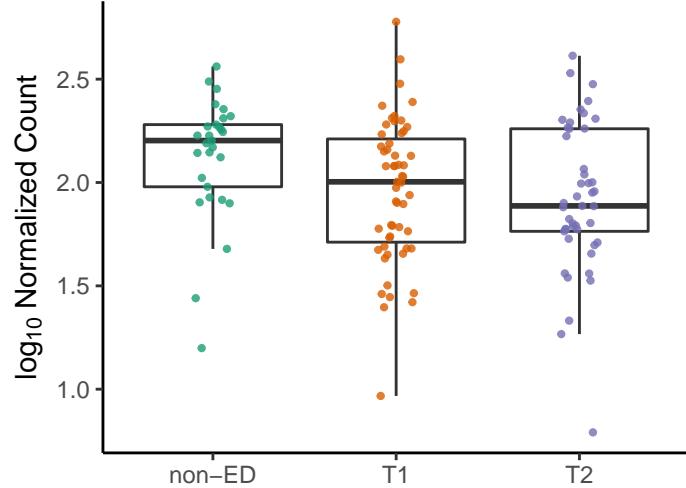
### *Cardiobacterium hominis*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



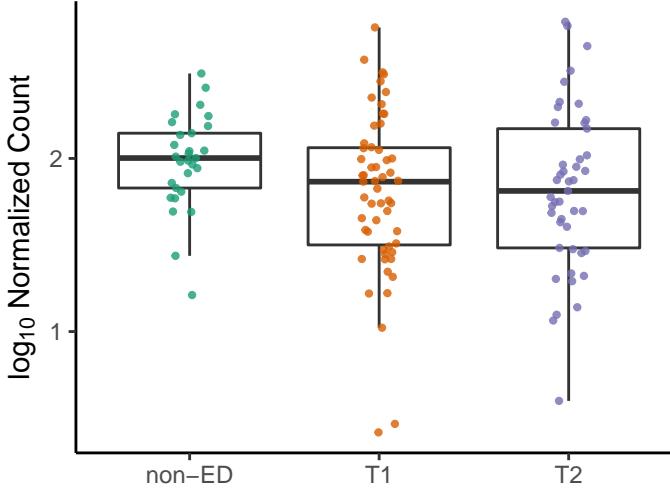
### *Bacillus* sp. Y1

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.91



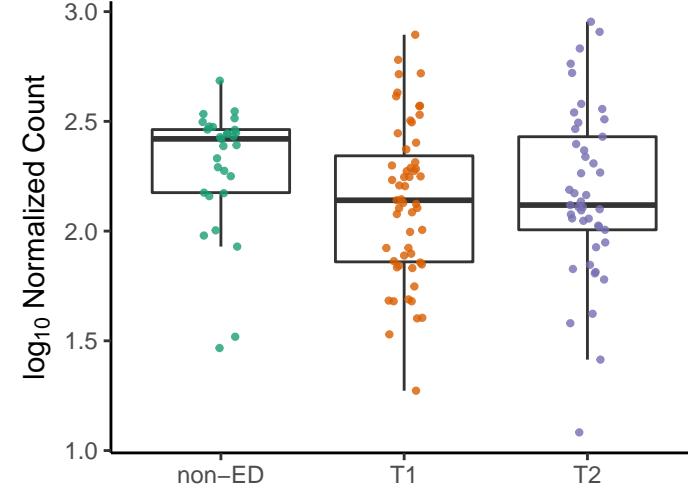
### *Corynebacterium striatum*

non-ED vs. T1 adjusted p = 0.051  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



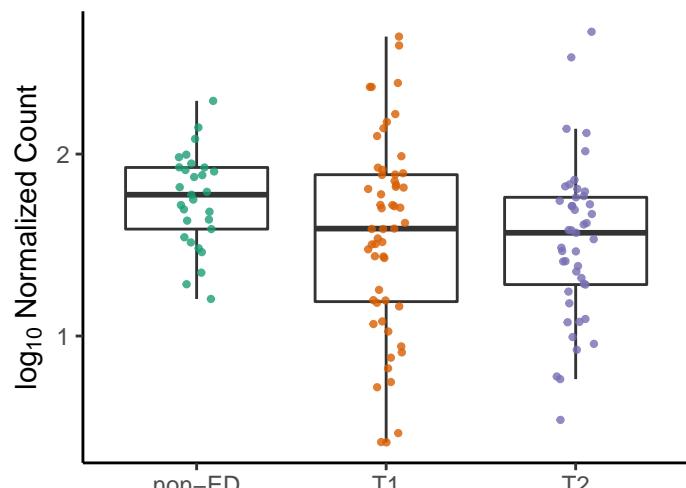
### *Desulfosporosinus acidiphilus*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.91



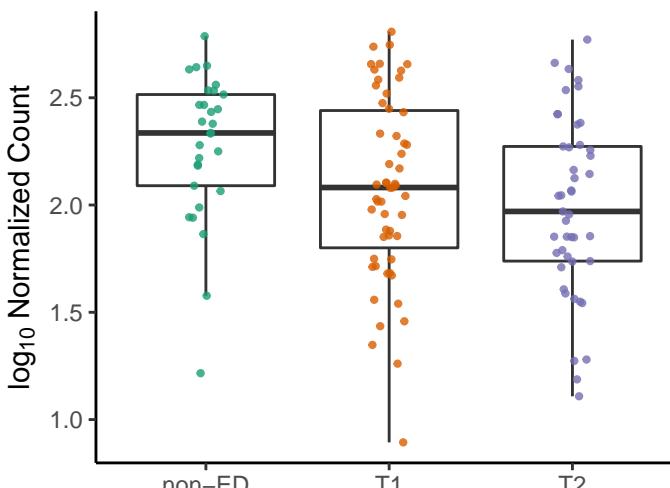
### *Bradyomonadaceae bacterium V1718*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.91



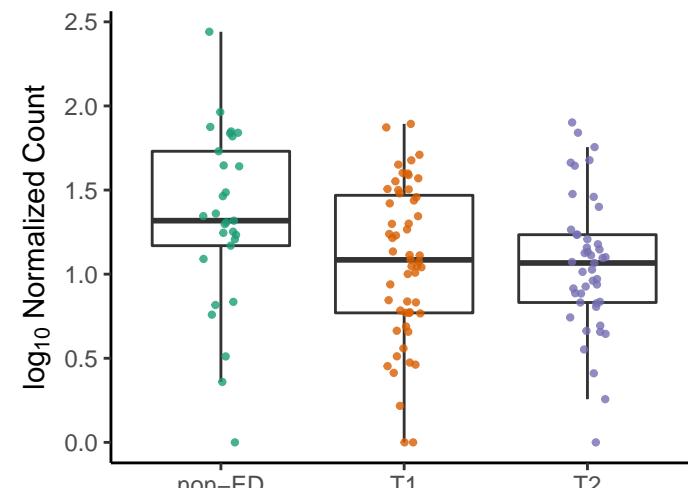
### *Brachyspira pilosicoli*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



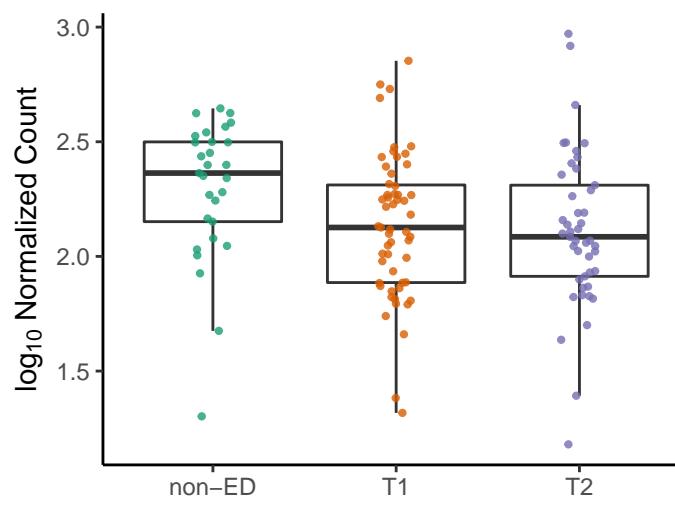
### *Polynucleobacter asymbioticus*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.92



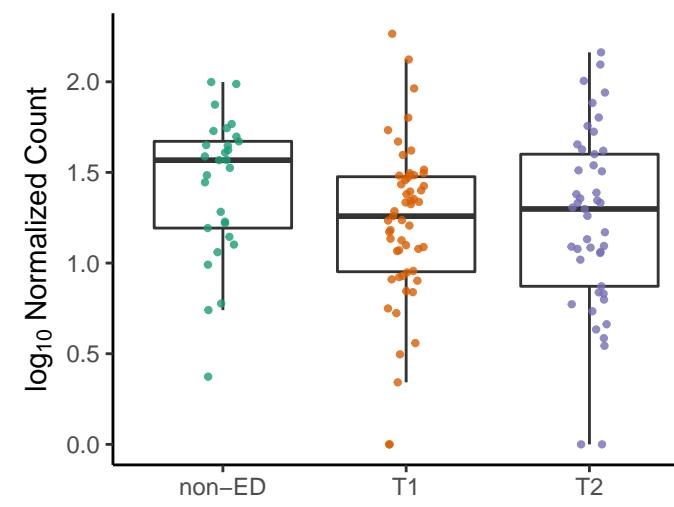
### *Bacillus paralicheniformis*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.91



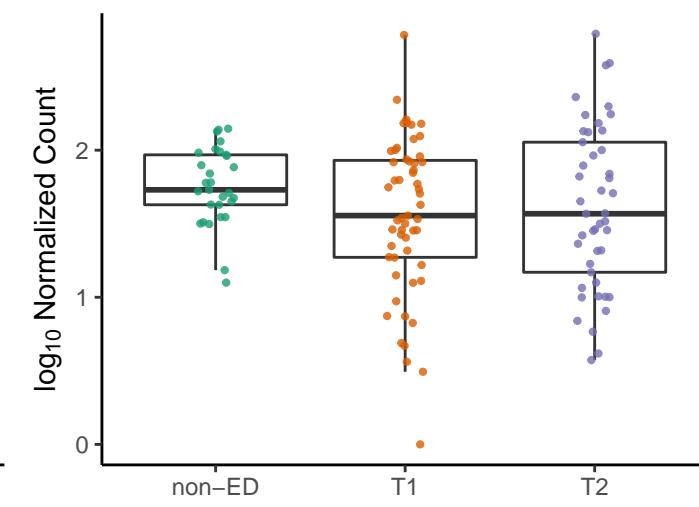
### *Methylomonas koyamae*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.96



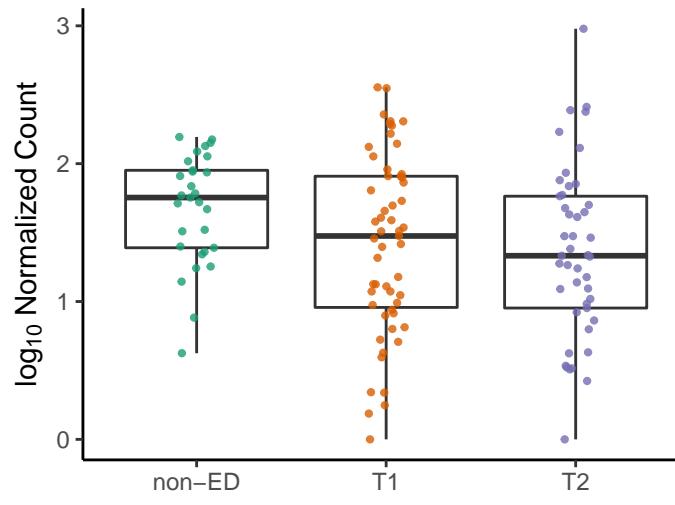
### *Rhodococcus* sp. WMMA185

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



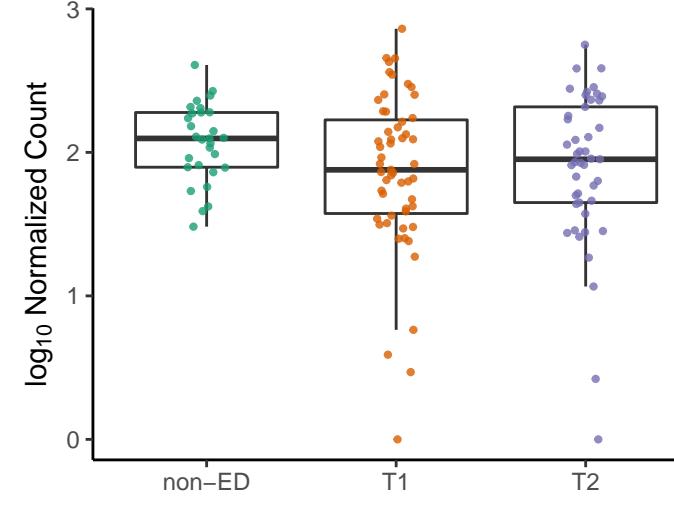
### *Campylobacter ureolyticus*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



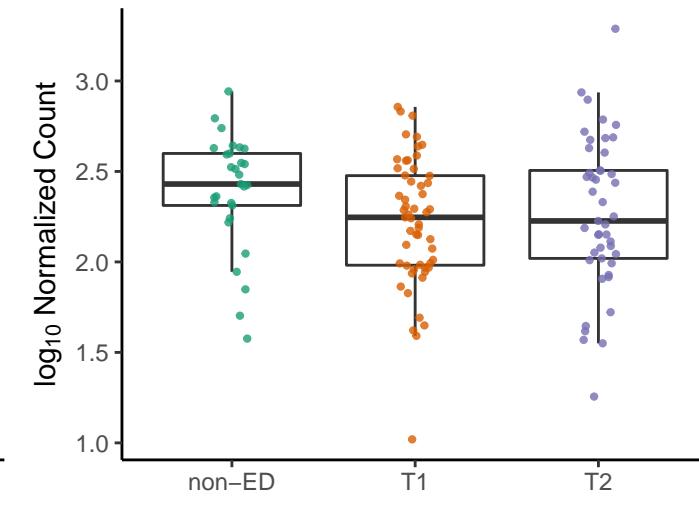
### *Streptomyces aquilus*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.85



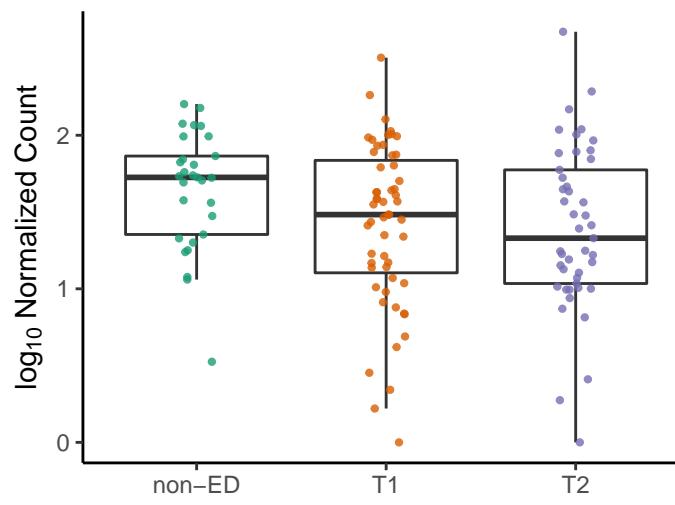
### *Clostridium formicaceticum*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.93



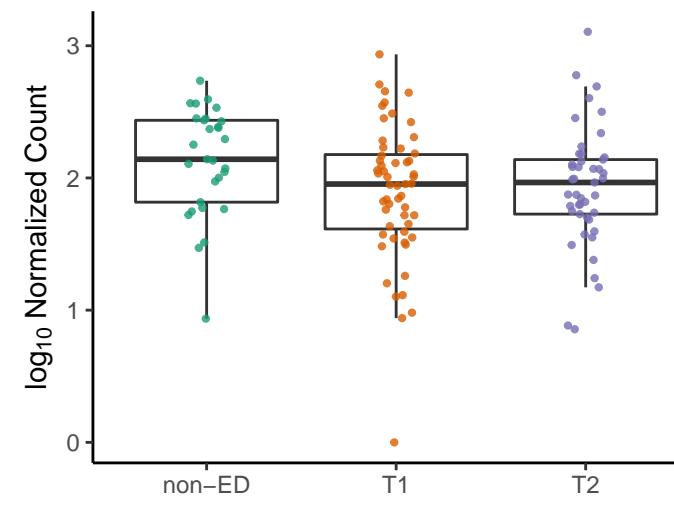
### *Microbacterium* sp. 1S1

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.97



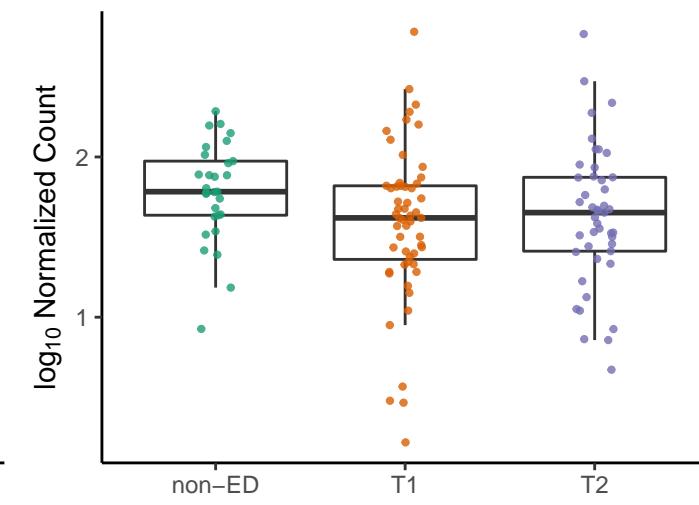
### *Bradymonas sediminis*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.87



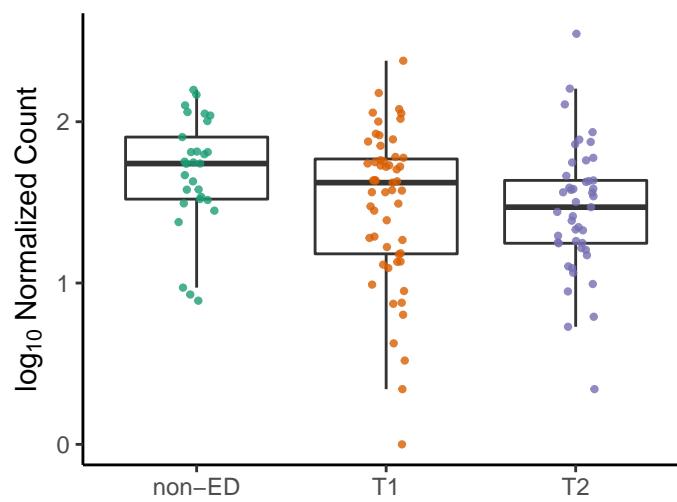
### *Pleurocapsa minor*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



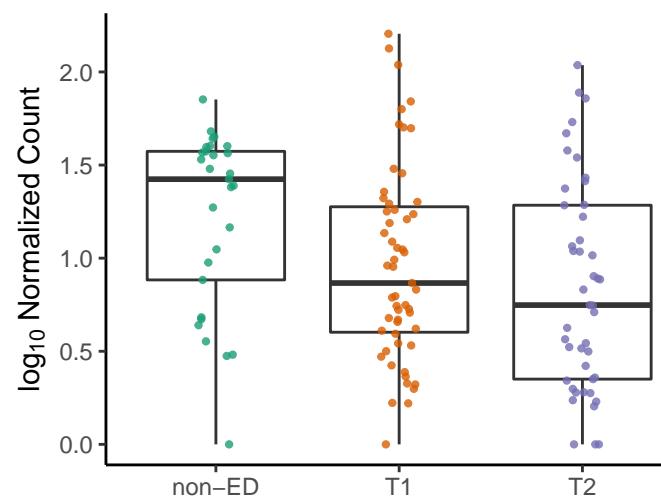
### *Colwellia* sp. 20A7

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.97



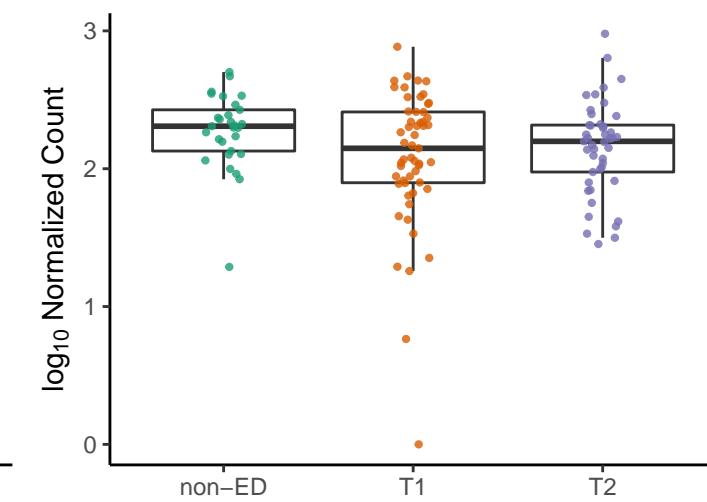
### *alpha proteobacterium* HIMB5

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



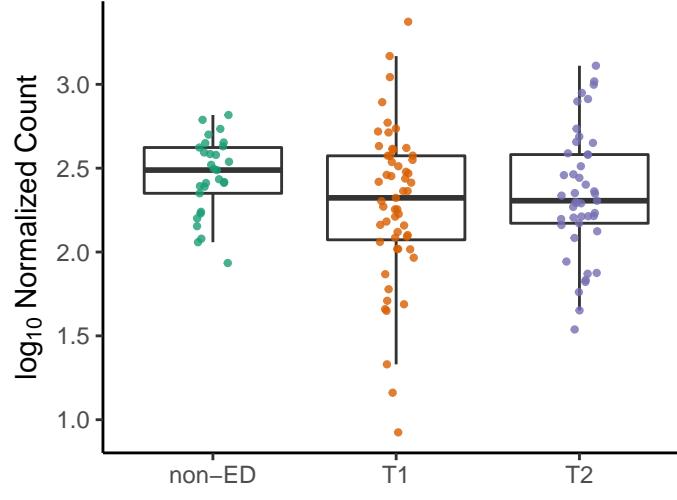
### *Geobacter lovleyi*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



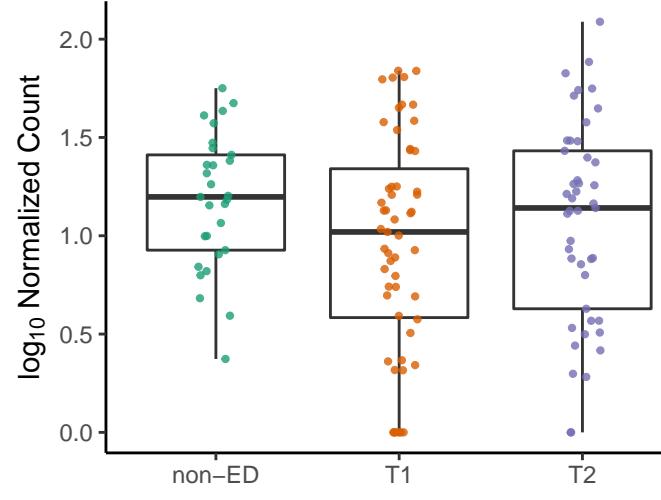
### *Rubrobacter xylanophilus*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



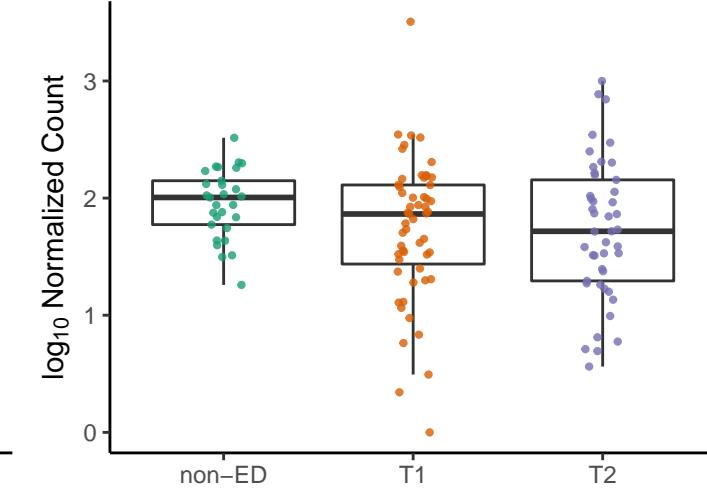
### *Brevundimonas* sp. Bb-A

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.34  
 T1 vs. T2 adjusted p = 0.85



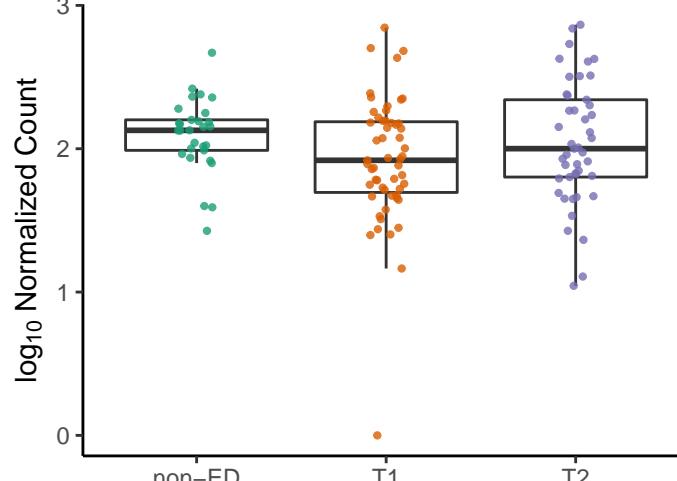
### *Luteimicrobium xylanilyticum*

non-ED vs. T1 adjusted p = 0.052  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.97



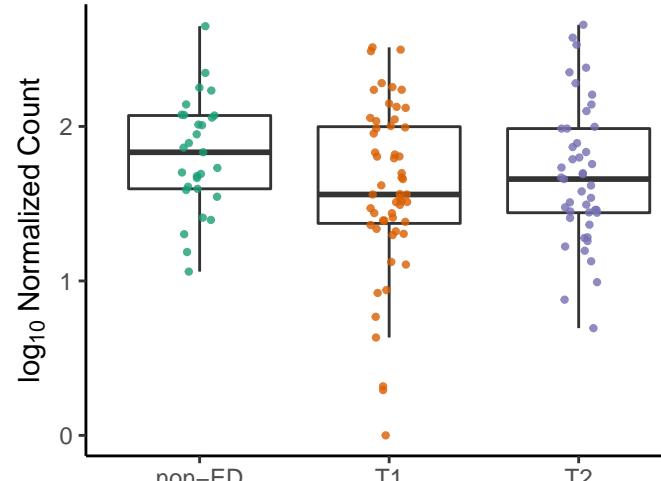
### *Thermus thermophilus*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.54  
 T1 vs. T2 adjusted p = 0.85



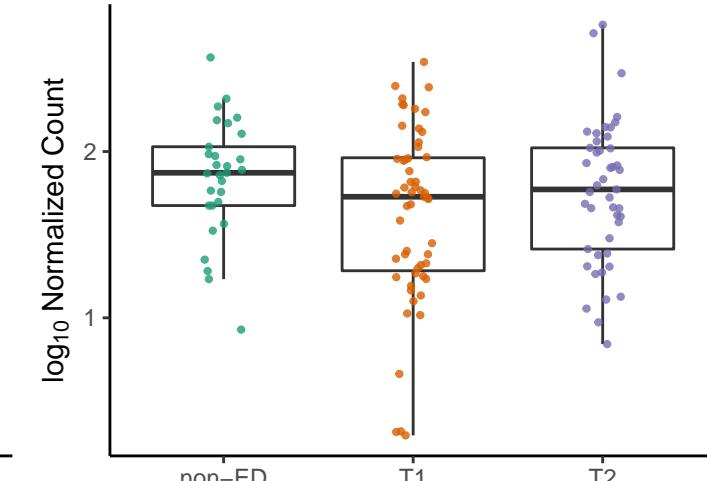
### *Cutibacterium granulosum*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



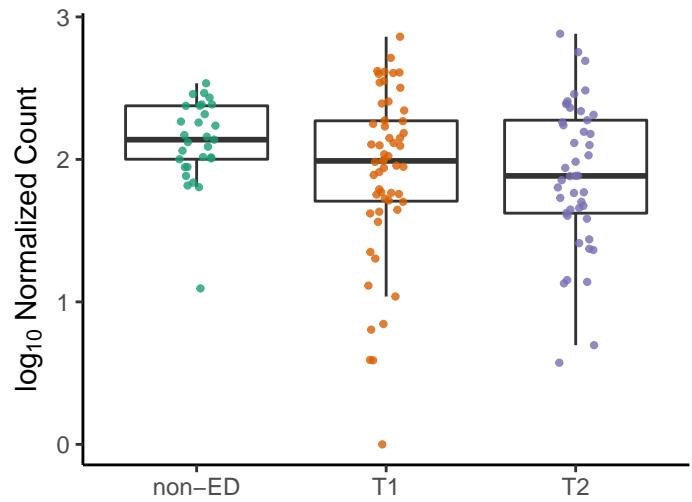
### *Pseudomonas sabulinigri*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.85



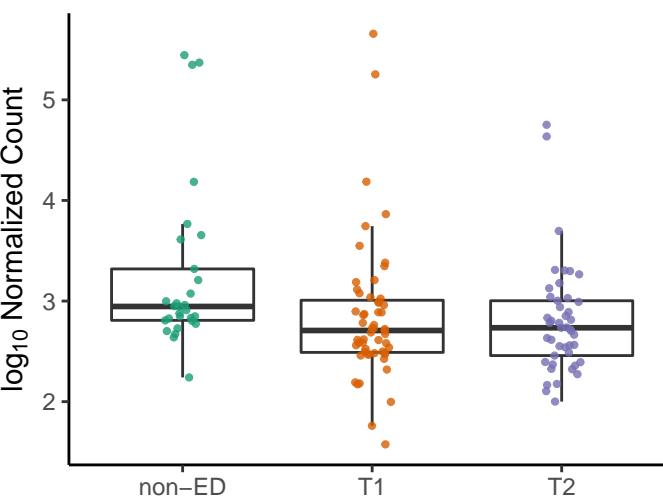
### *Streptomyces griseochromogenes*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.98



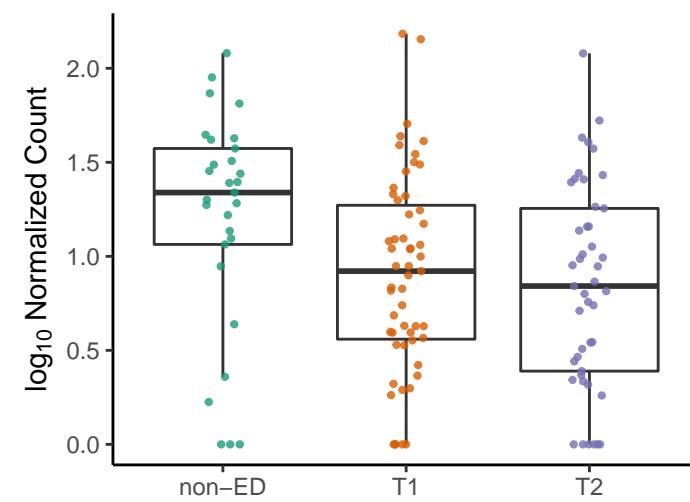
### *Acidaminococcus intestini*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.97



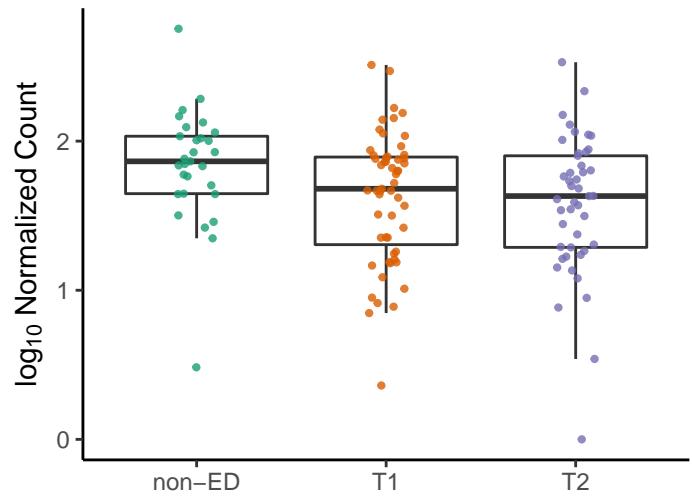
### *Polaribacter sp. BM10*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



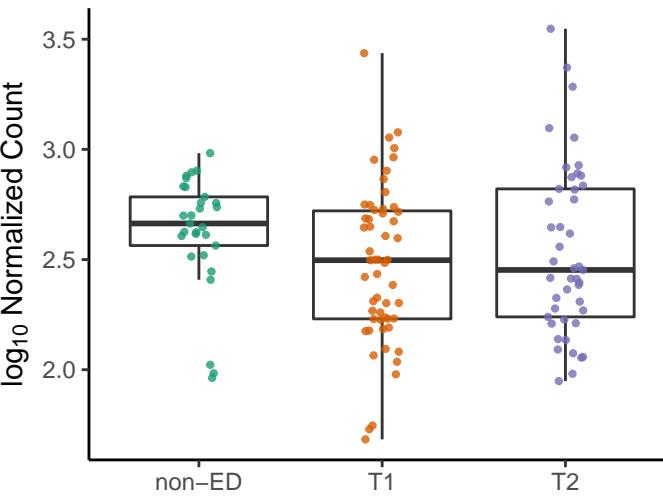
### *Debaryomyces hansenii*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.88



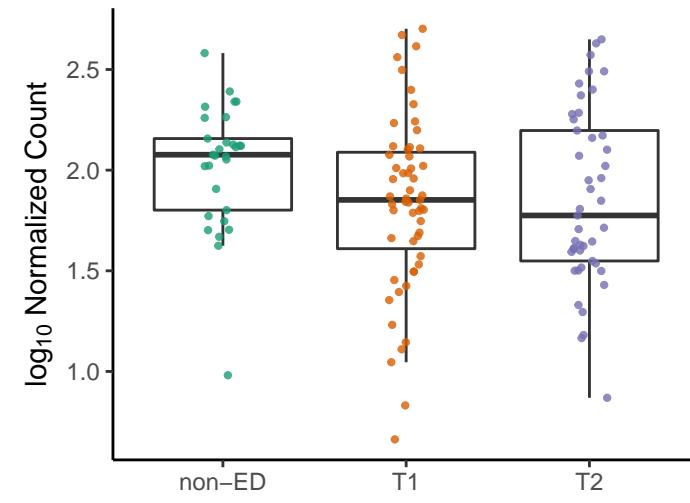
### *Filifactor alocis*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.86



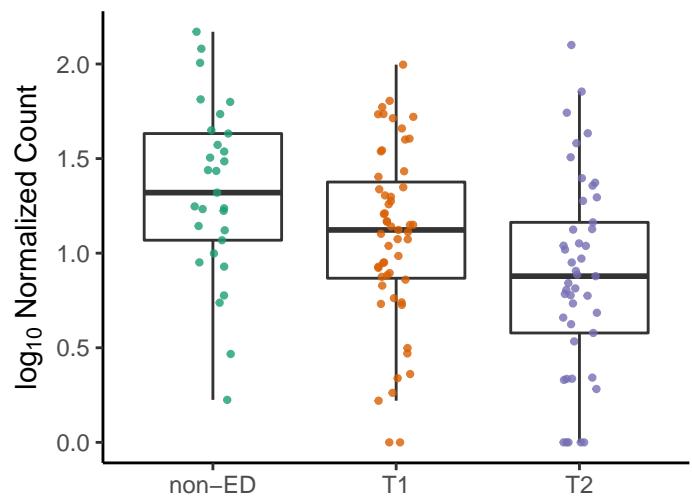
### Unclassified Janthinobacterium Genus

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.88



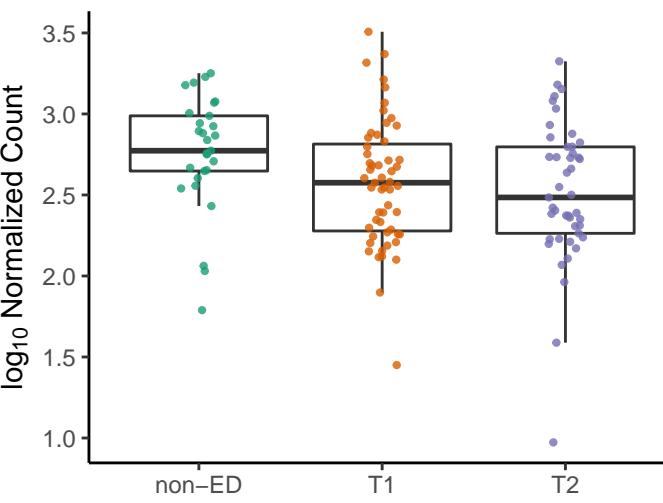
### *Candidatus Gullanella endobia*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.0043  
 T1 vs. T2 adjusted p = 0.75



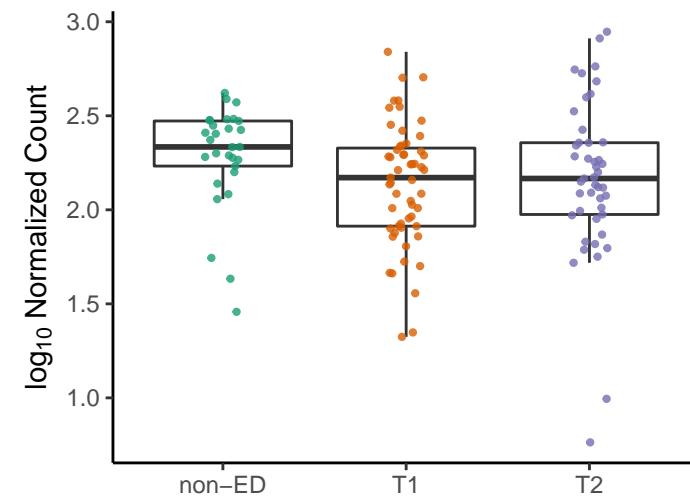
### *Clostridium baratii*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



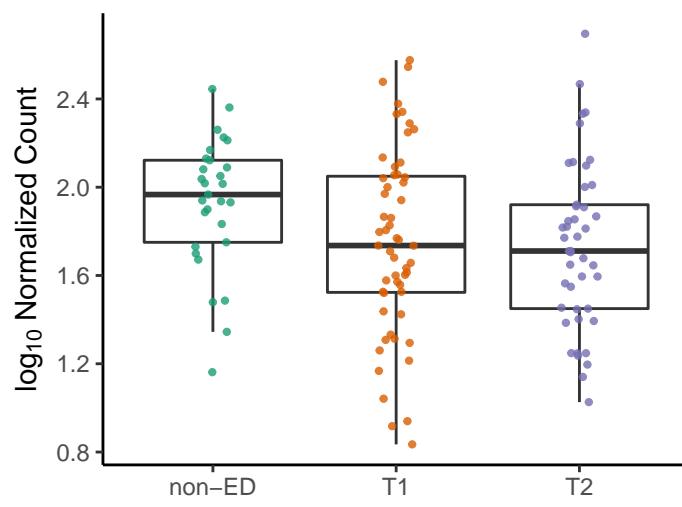
### *Anoxybacter fermentans*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.94



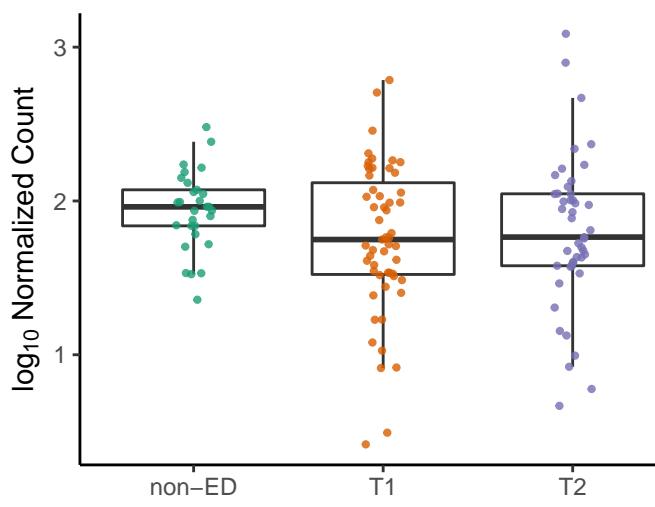
### *Lactobacillus acidipiscis*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.95



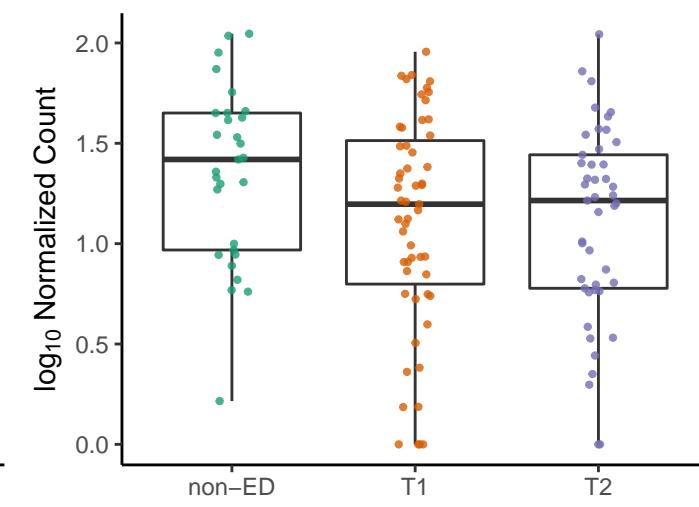
### *Polymorphum gilvum*

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.9



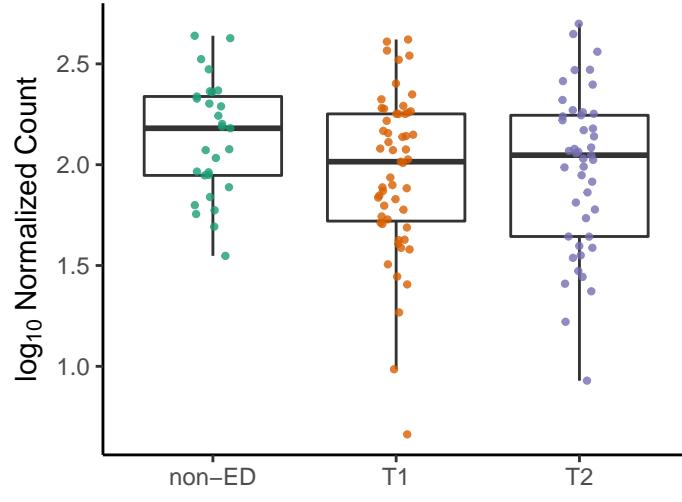
### Unclassified Agromyces Genus

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.92



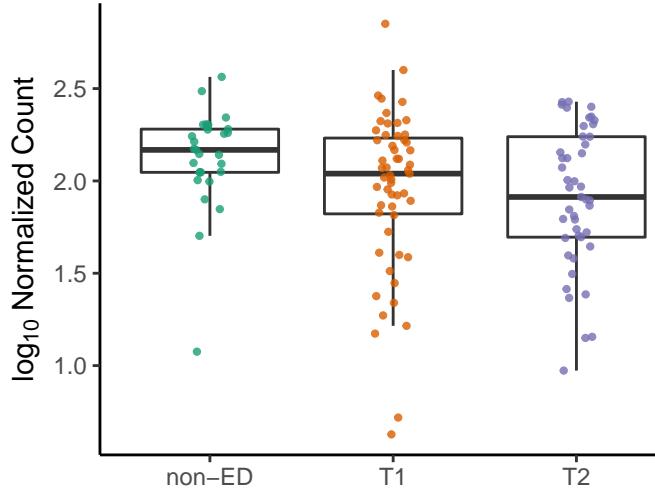
### Unclassified Roseovarius Genus

non-ED vs. T1 adjusted p = 0.053  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.93



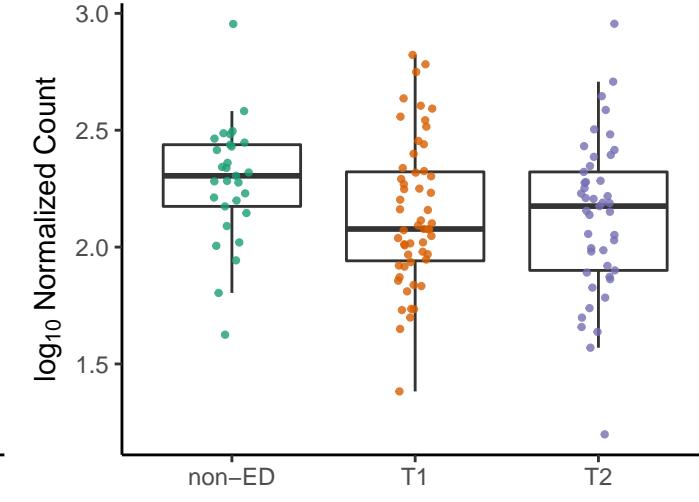
### *Dyadobacter fermentans*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.86



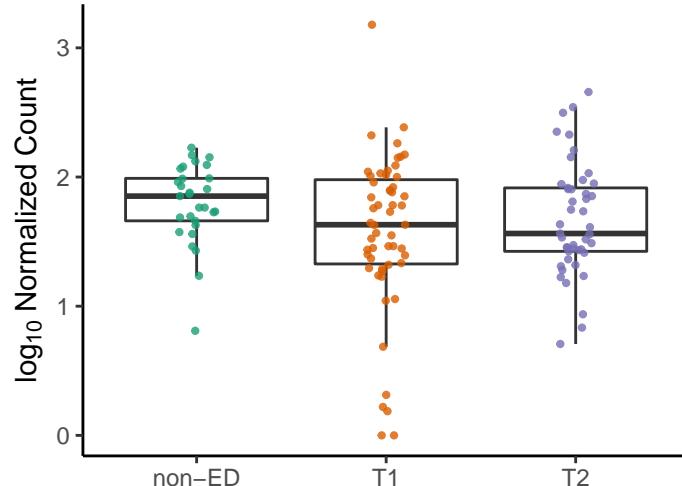
### *Paenibacillus* sp. IHBB 10380

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.94



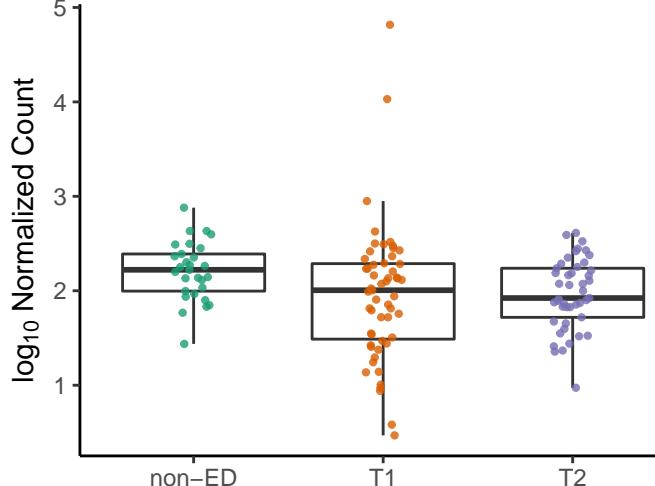
### *Candidatus Symbiobacter mobilis*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



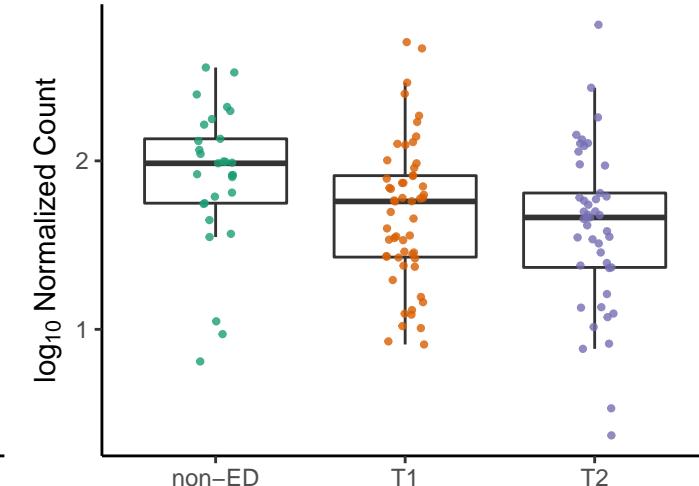
### *Actinotignum schaalii*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.93



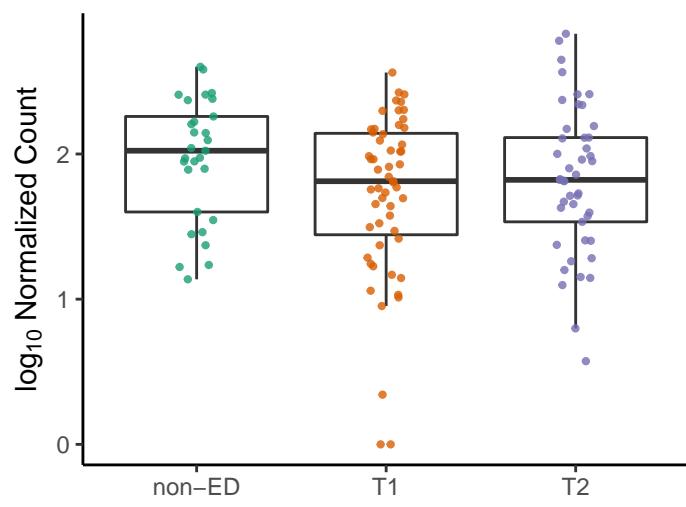
### *Cyclobacterium amurskyense*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



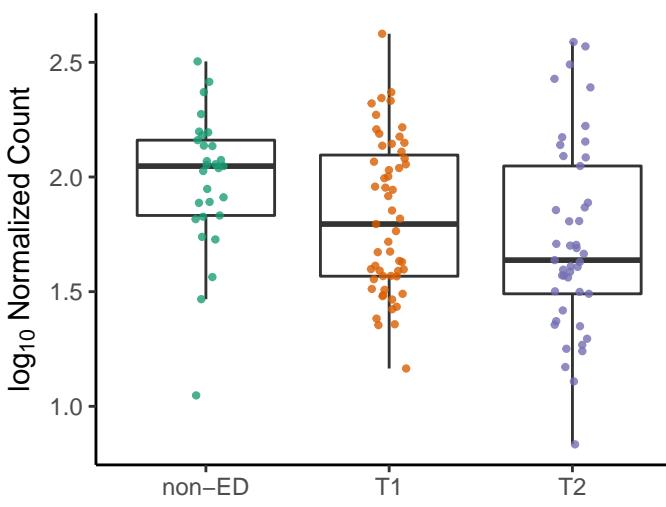
### *Paraburkholderia sprentiae*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



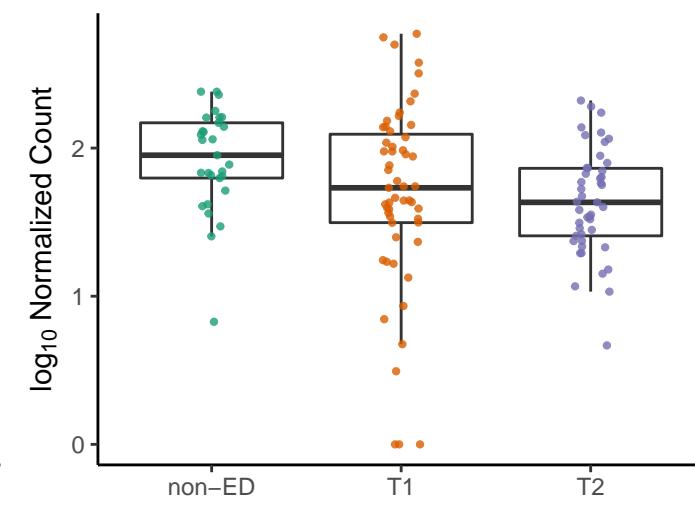
### *Carnobacterium sp. CP1*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



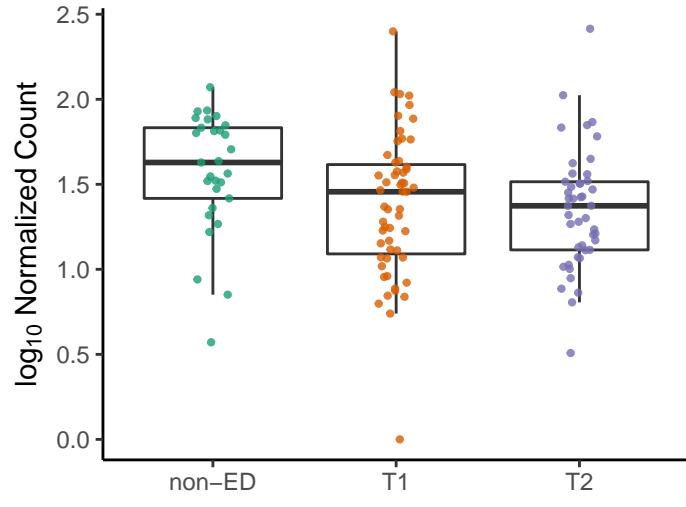
### *Mycolicibacterium chitae*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.99



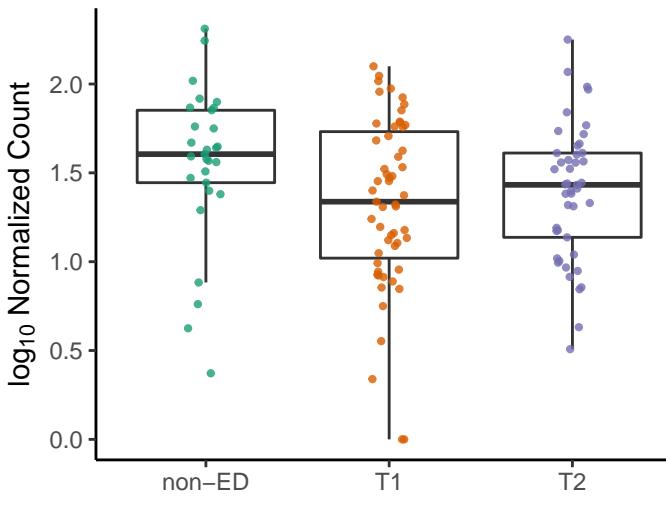
### *Staphylococcus fleurettii*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.86



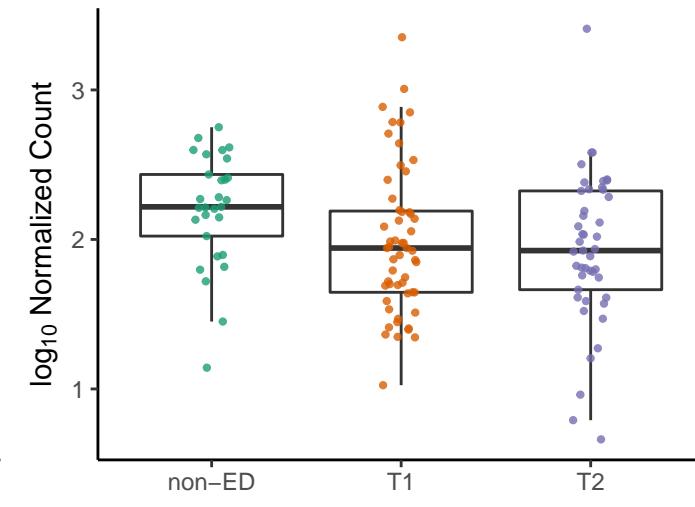
### *Lactobacillus fructivorans*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.95



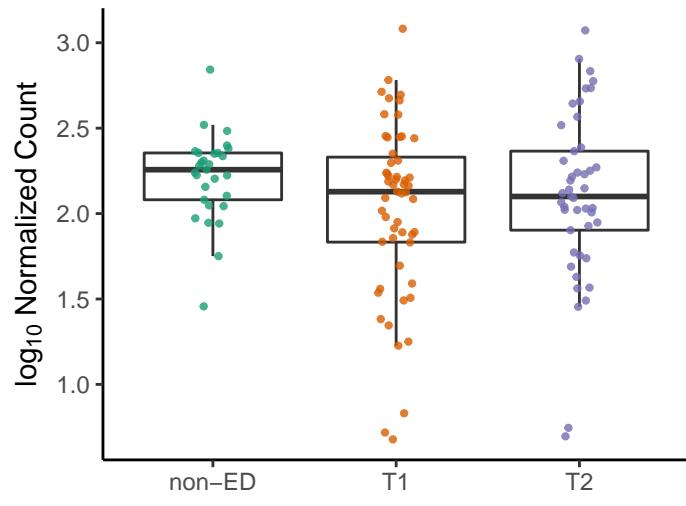
### *Lactococcus garvieae*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.88



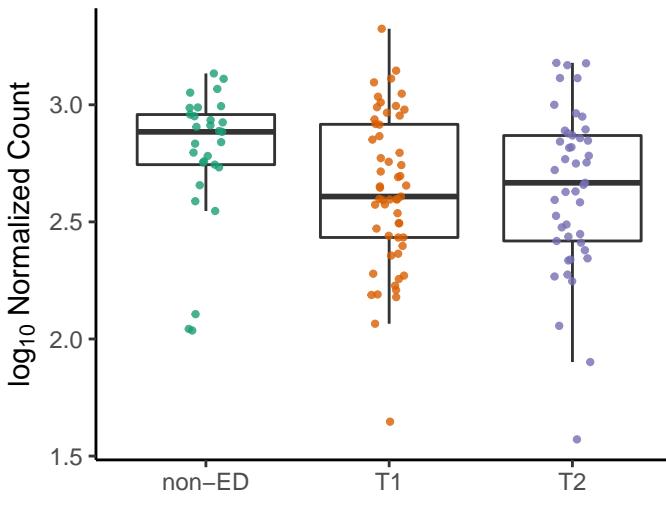
### *Streptomyces griseorubiginosus*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.85



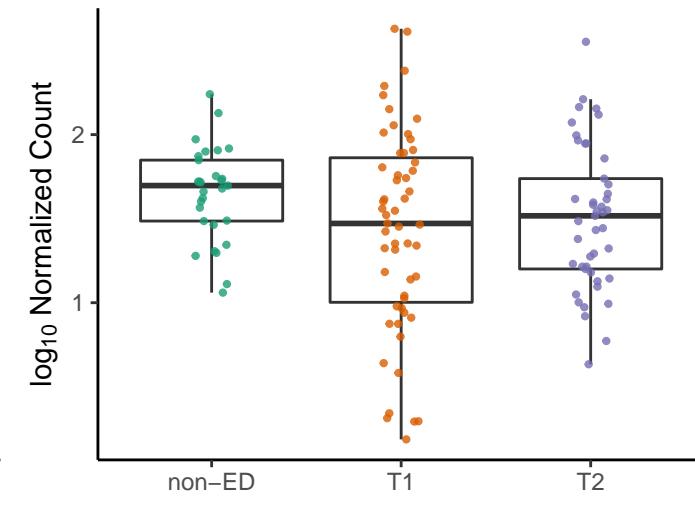
### *Hungateiclostridium clariflavum*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.98



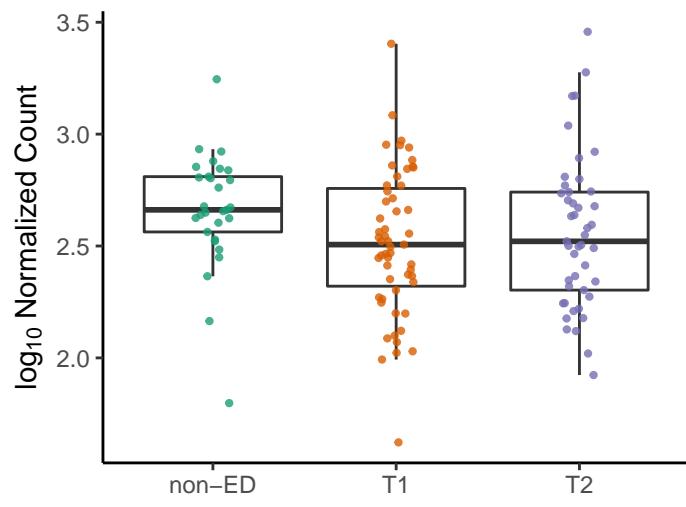
### *Halopiger xanaduensis*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.85



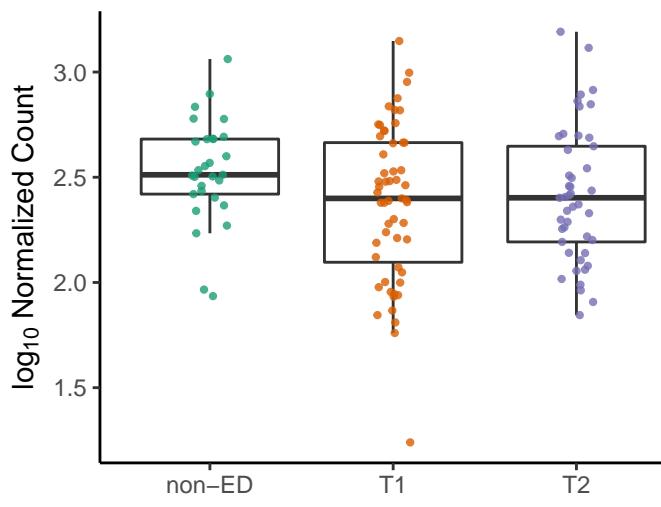
### *Dehalobacter restrictus*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



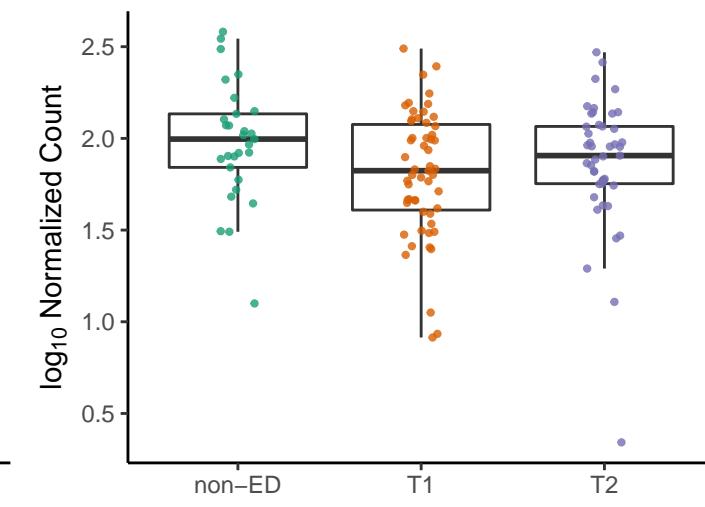
### *Treponema primitia*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.85



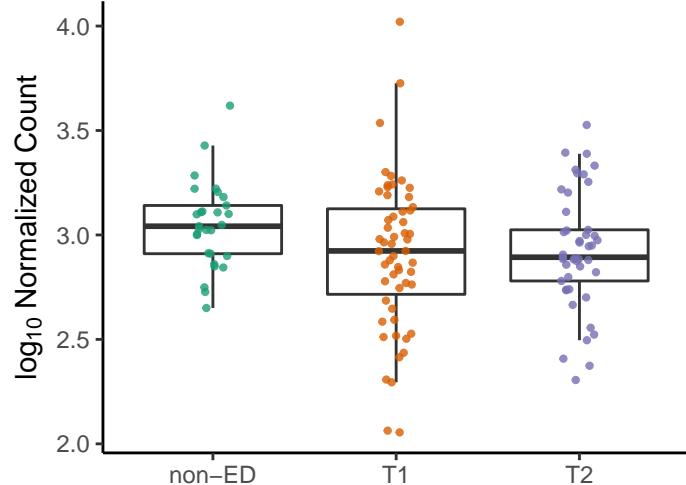
### *Planococcus rifetoensis*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



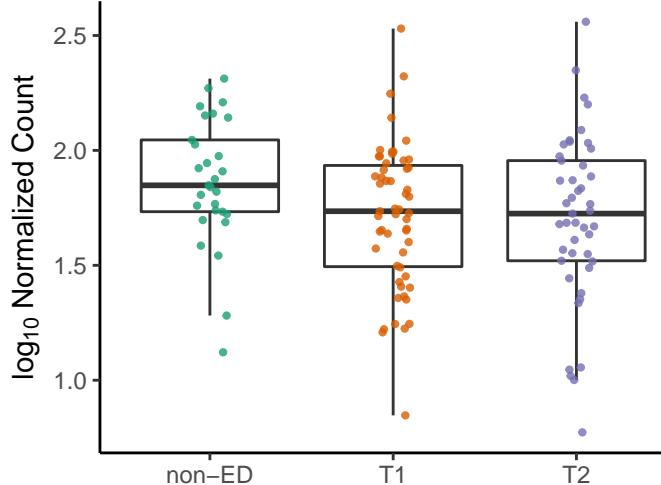
### Unclassified Serratia Genus

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.85



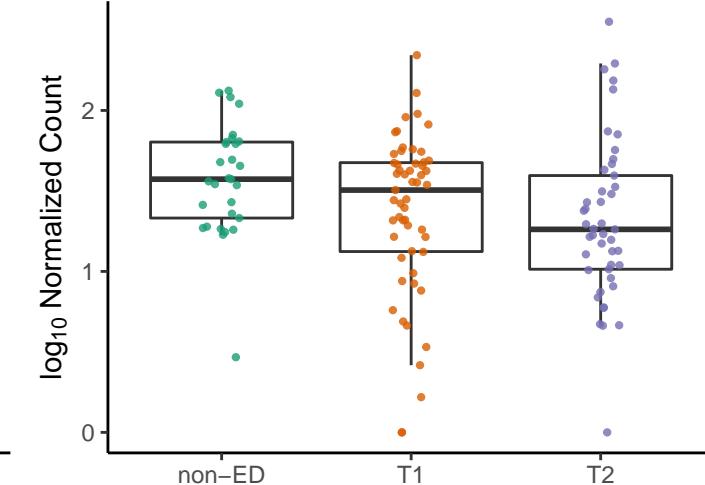
### *Vibrio coralliilyticus*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.99



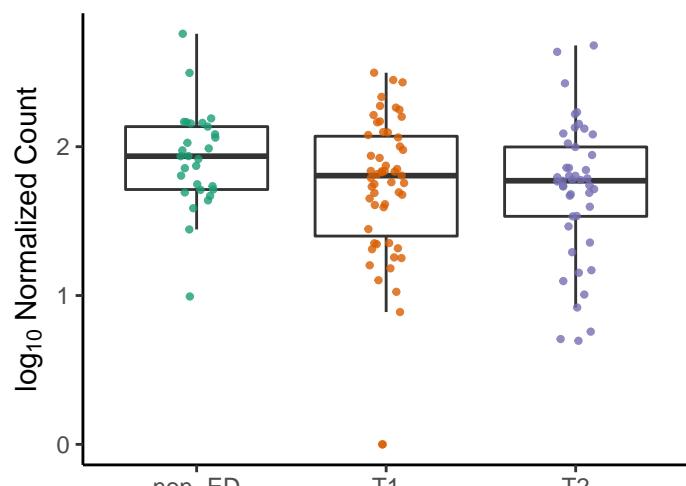
### *Serratia sp. FDAARGOS\_506*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.97



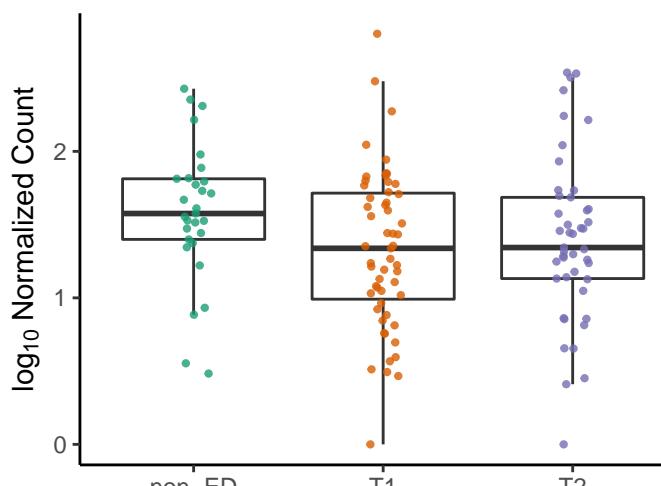
### *Thermochromatium tepidum*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.97



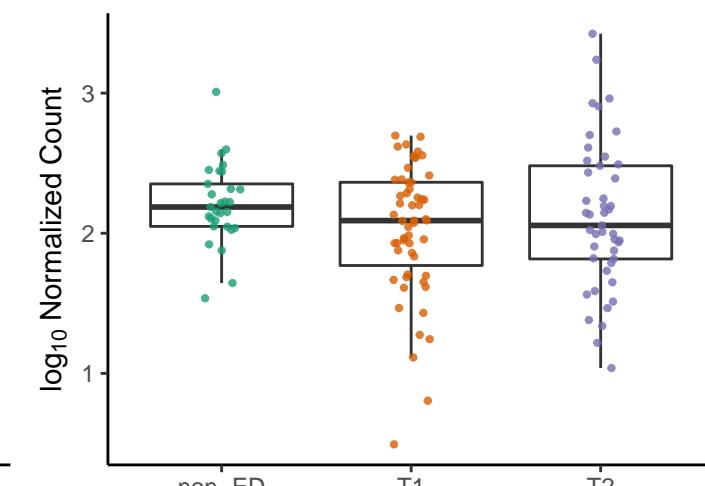
### *Ochrobactrum pituitosum*

non-ED vs. T1 adjusted p = 0.054  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



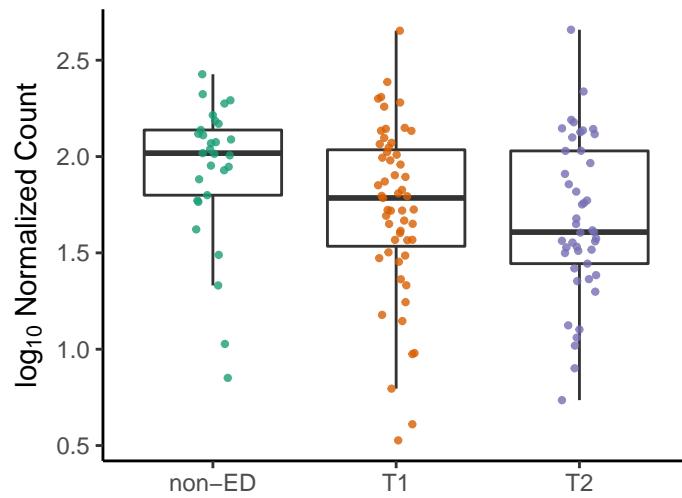
### Unclassified Gordonia Genus

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



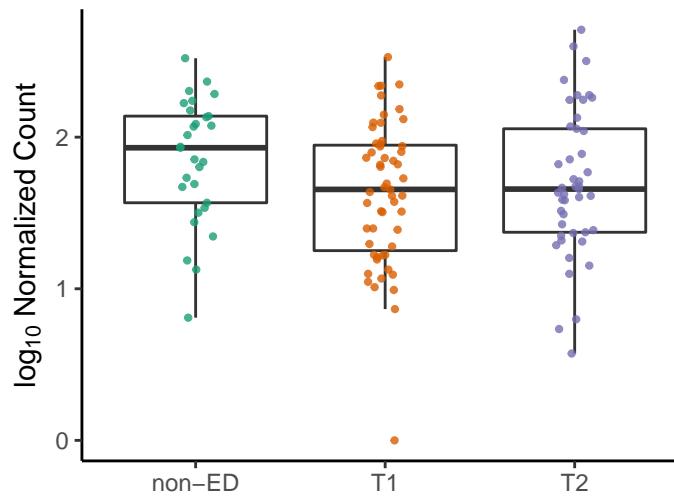
### *Chryseobacterium* sp. IHB B 17019

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



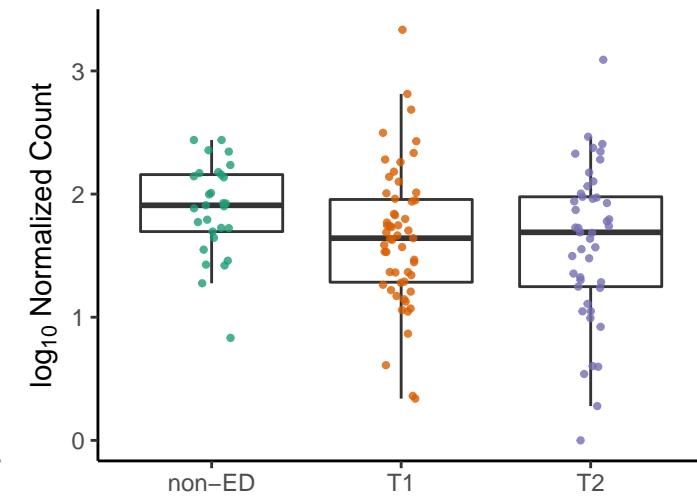
### *Mycolicibacterium litorale*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



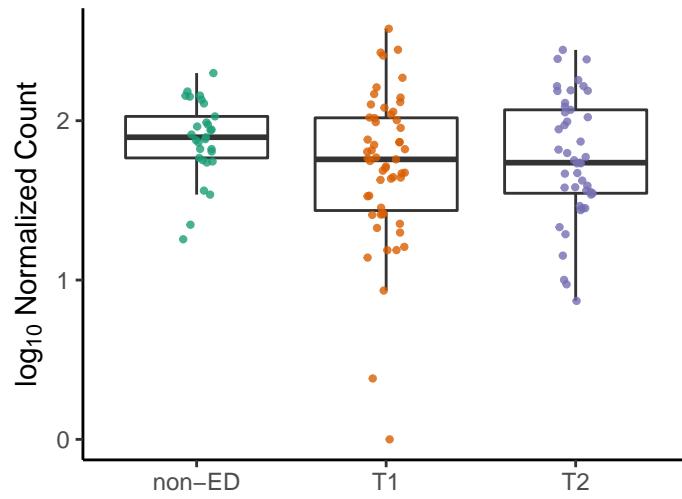
### *Streptococcus pseudopneumoniae*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.87



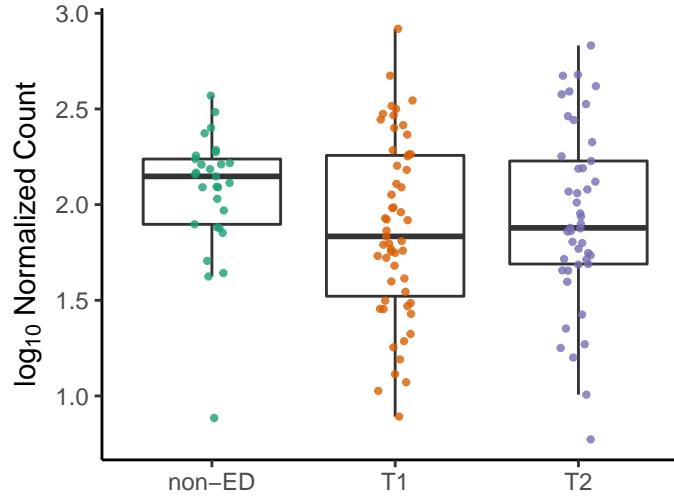
### *Beijerinckiaceae* bacterium

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.9



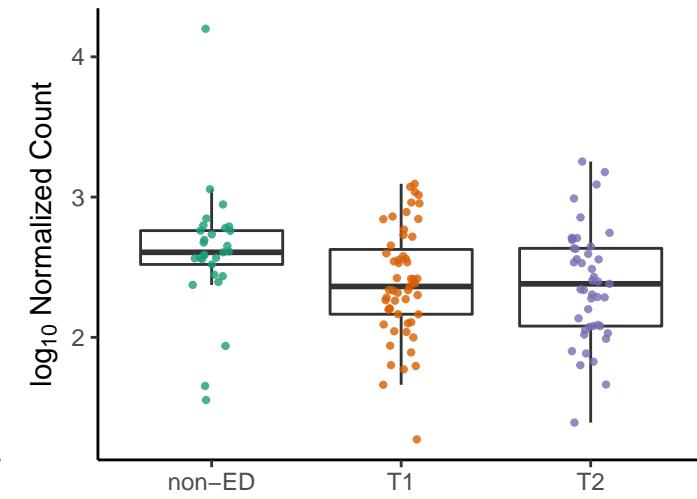
### *Devosia* sp. 1566

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



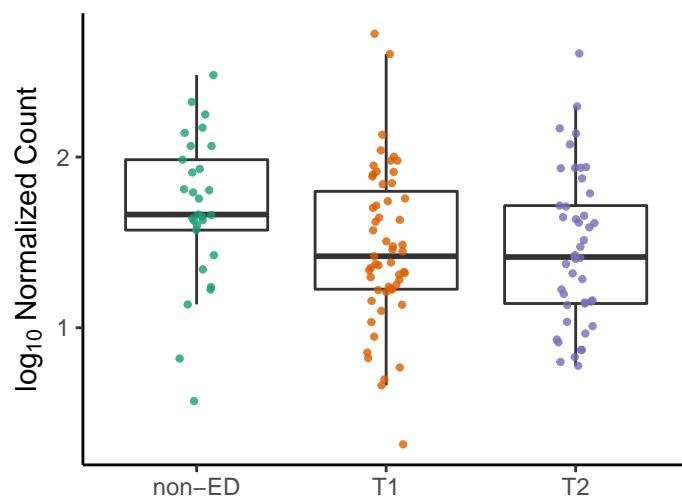
### *Megamonas funiformis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.053  
 T1 vs. T2 adjusted p = 0.91



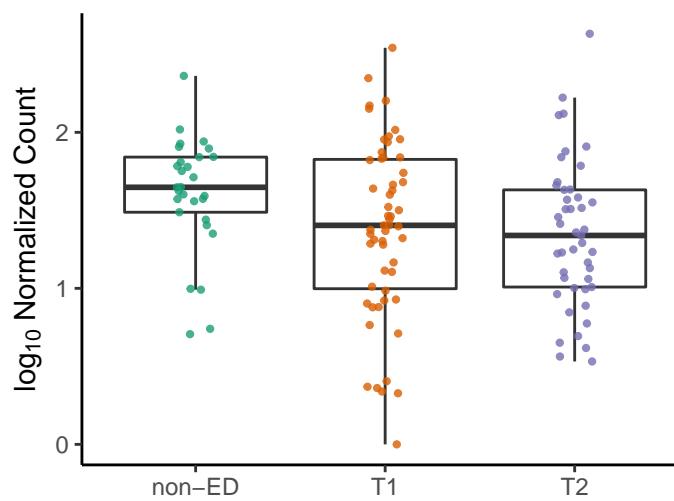
### *Halorhodospira halochloris*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.98



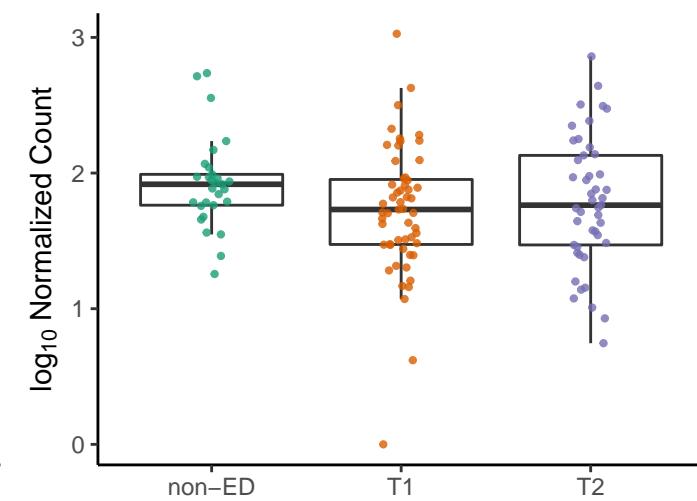
### Unclassified Sulfurimonas Genus

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.91



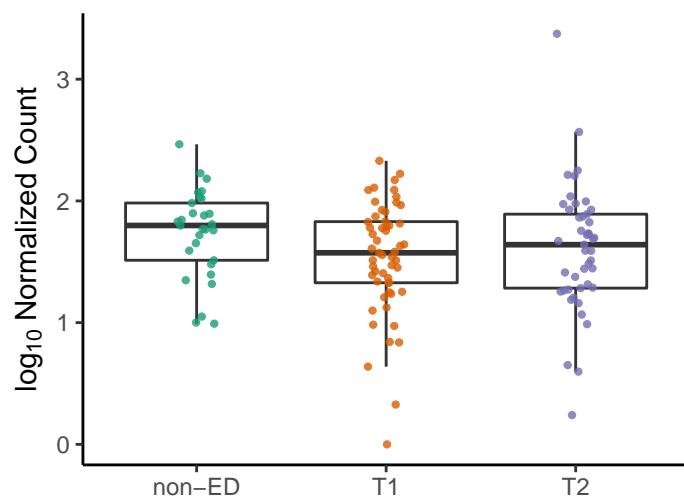
### *Azotobacter salinestris*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



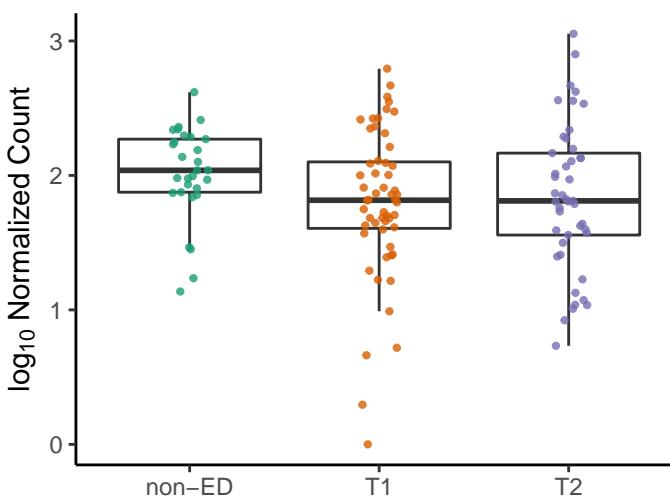
### *Bacillus wiedmannii*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.9



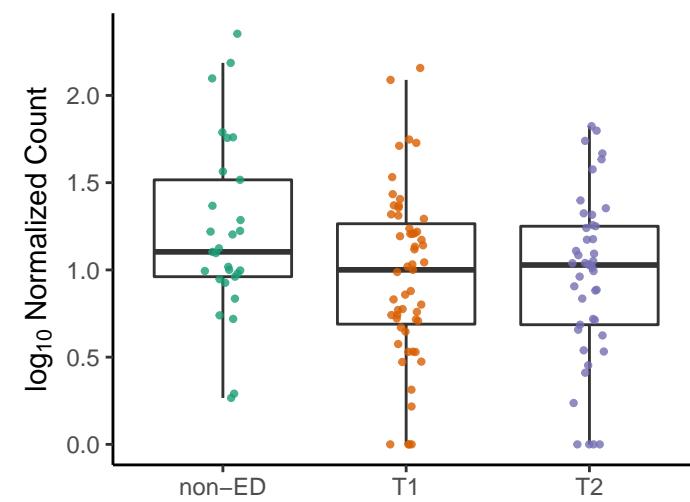
### *Corynebacterium frankenforstense*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



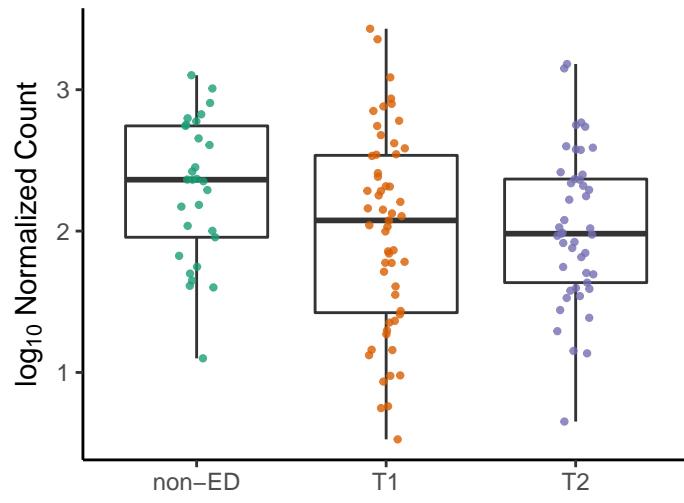
### *Roseovarius* sp. TM1035

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.97



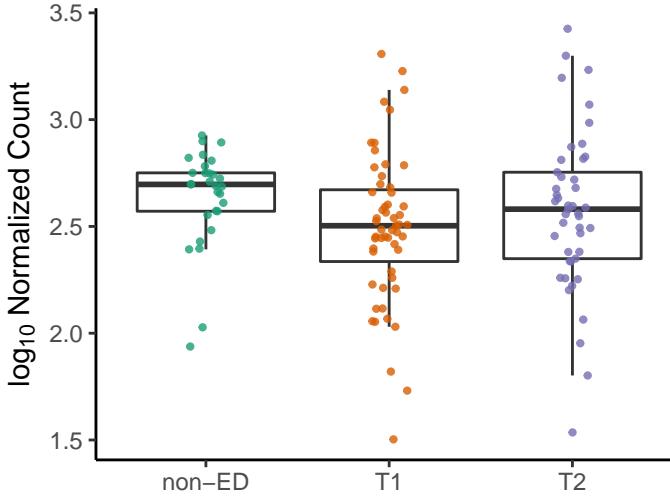
### *Streptococcus koreensis*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.99



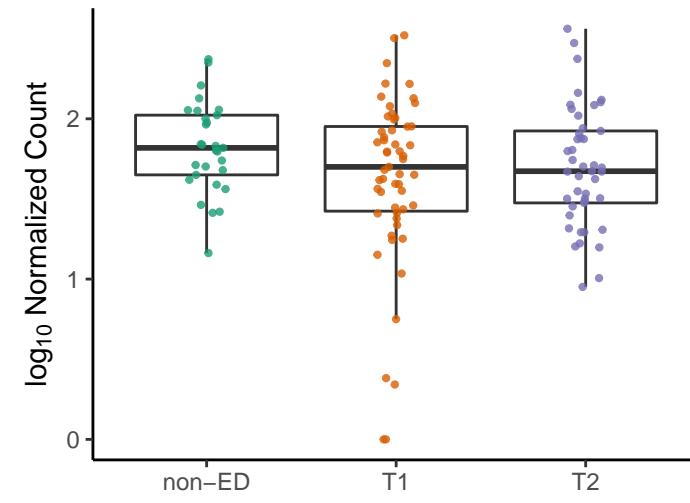
### Unclassified Dehalobacter Genus

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.85



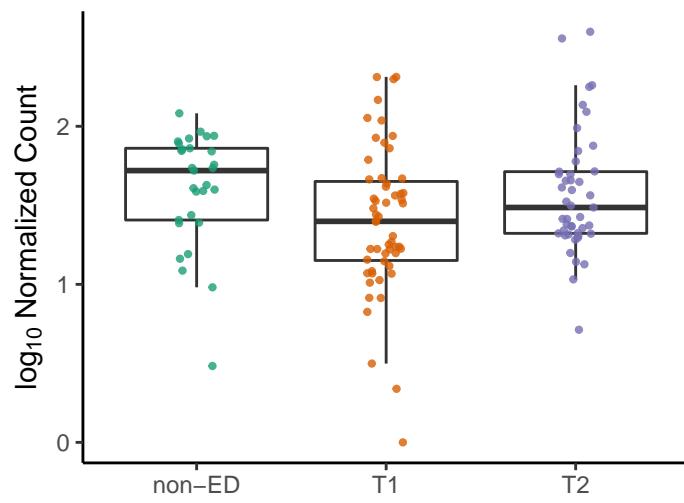
### *Acidothermus cellulolyticus*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



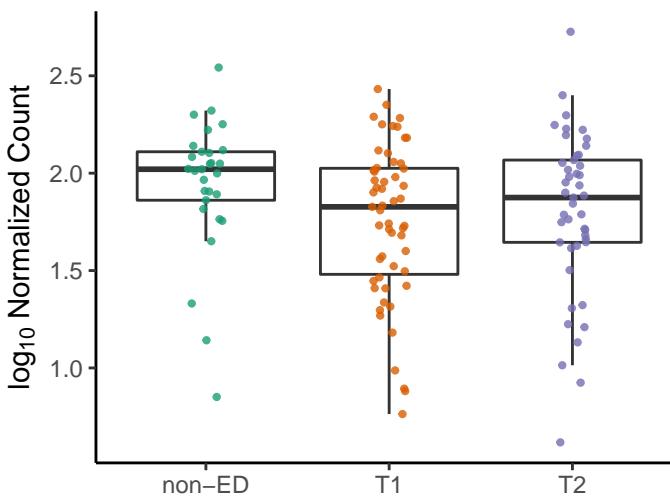
### *Hirschia baltica*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.71  
 T1 vs. T2 adjusted p = 0.85



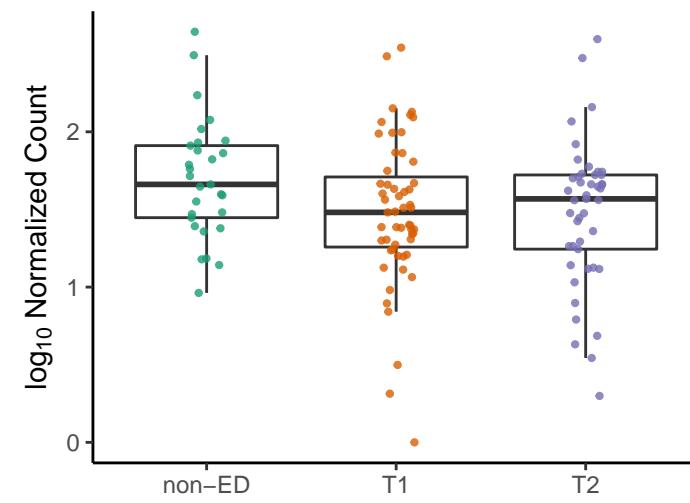
### *Aliivibrio fischeri*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.93



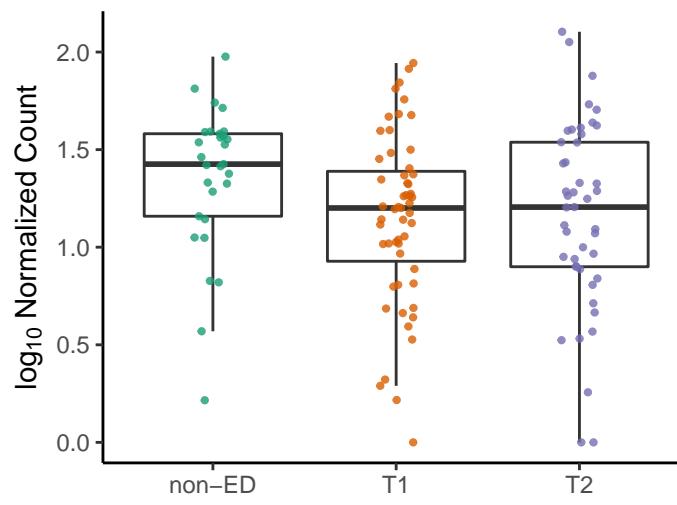
### *Ruegeria* sp. AD91A

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.85



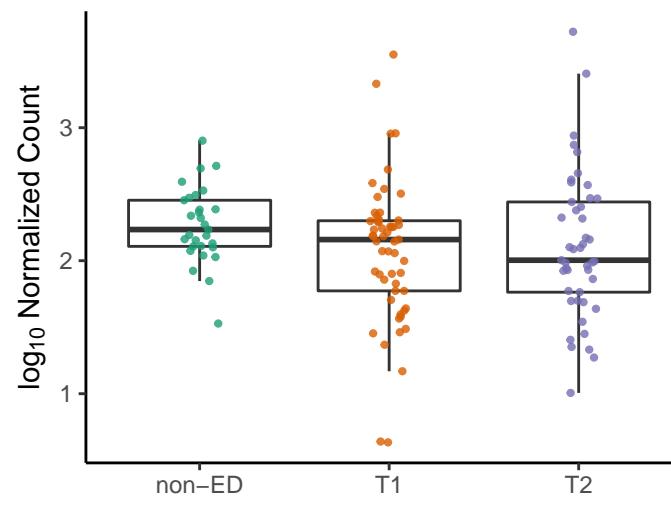
### Otariodibacter oris

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.95



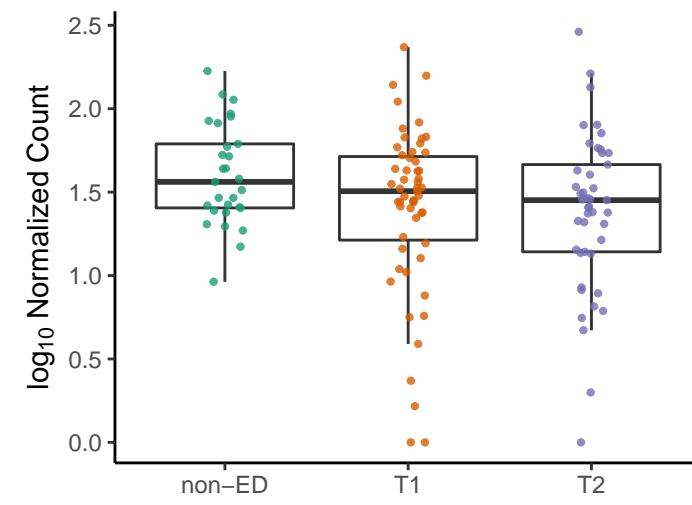
### Sutterella megalosphaeroides

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.94



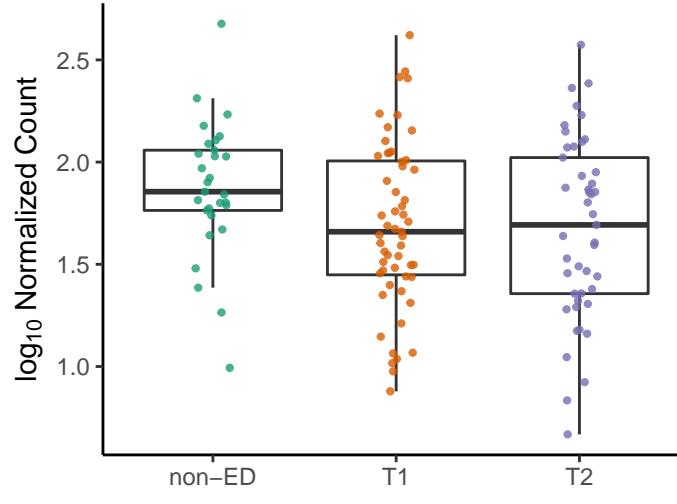
### Acinetobacter sp. ACNIH1

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.99



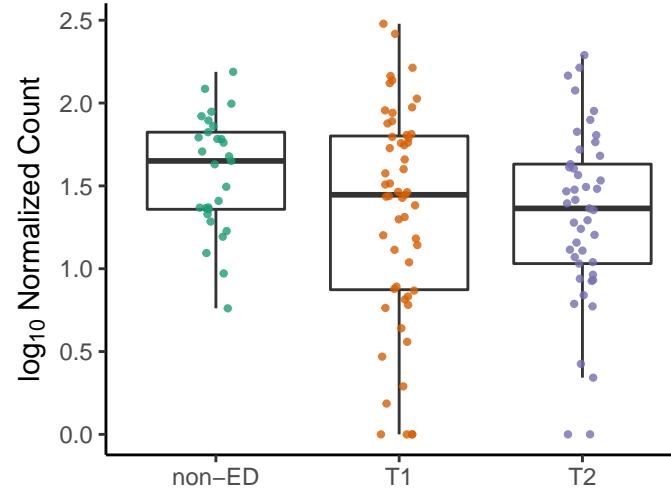
### Acinetobacter haemolyticus

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.98



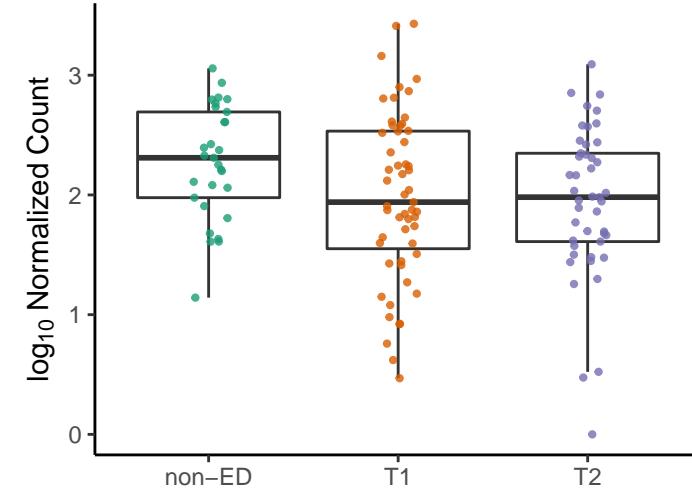
### Unclassified Mycobacteroides Genus

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.98



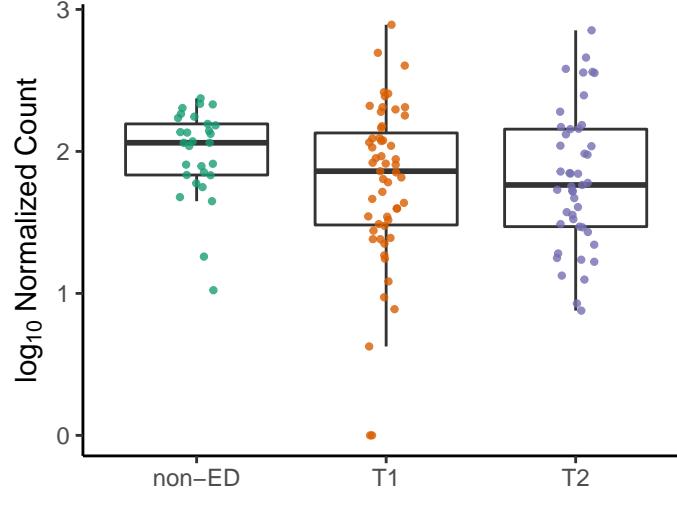
### Streptococcus sp. I-G2

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.93



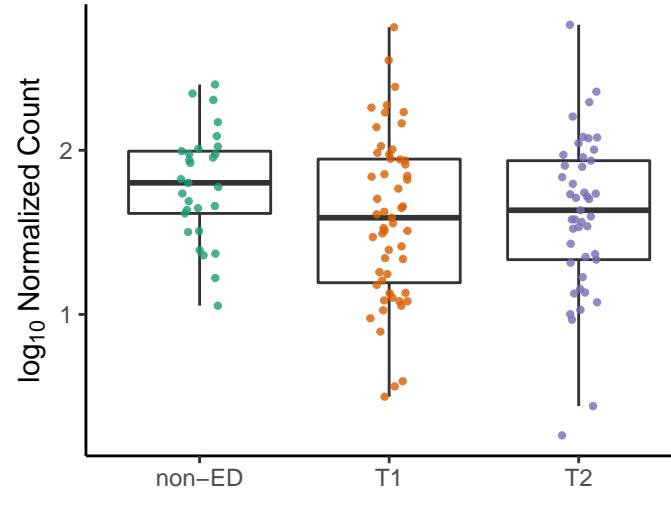
### Rhodobacter sp. CZR27

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.87



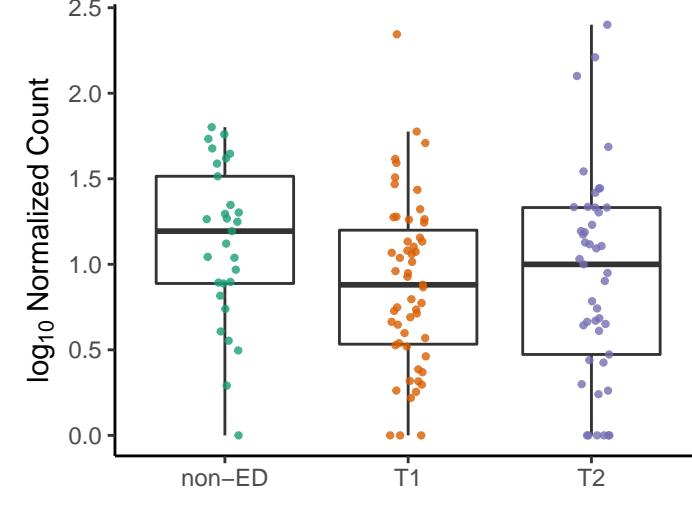
### Paracoccus kondratievae

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 0.91



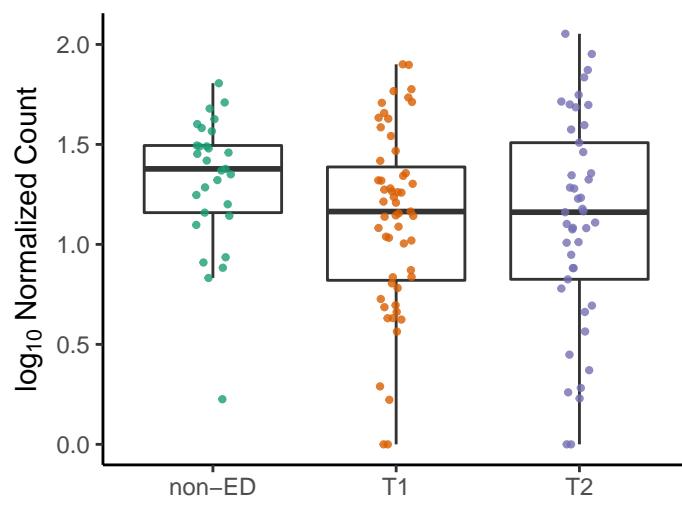
### Candidatus Nitrosotalea okcheonensis

non-ED vs. T1 adjusted p = 0.056  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.97



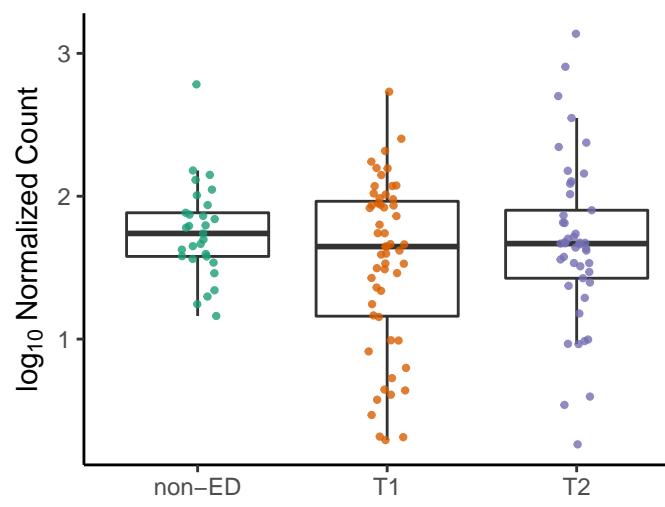
### *Candidatus Methylopumilus turicensis*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.91



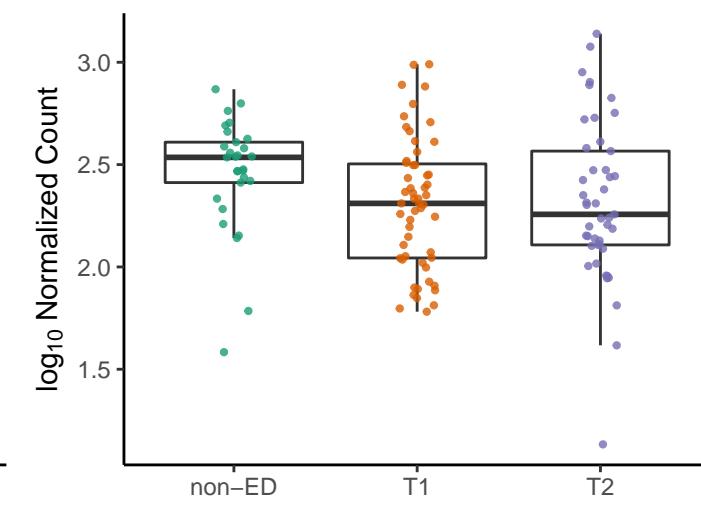
### *Lysobacter* sp. TY2–98

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.49  
 T1 vs. T2 adjusted p = 0.85



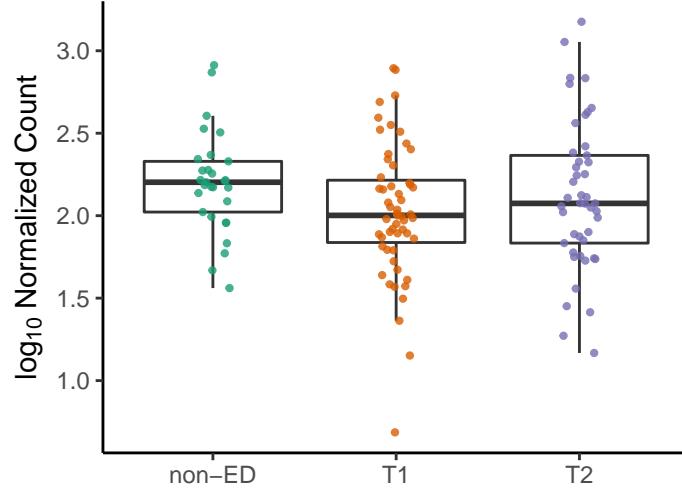
### *Bacillus* mesonae

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.95



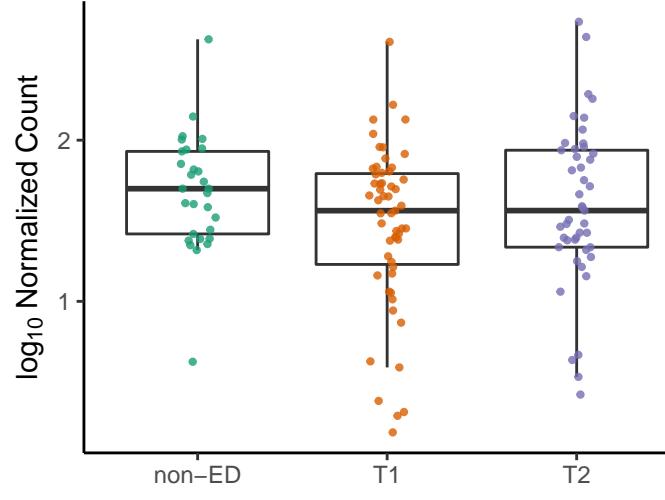
### *Geobacillus* genomosp. 3

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



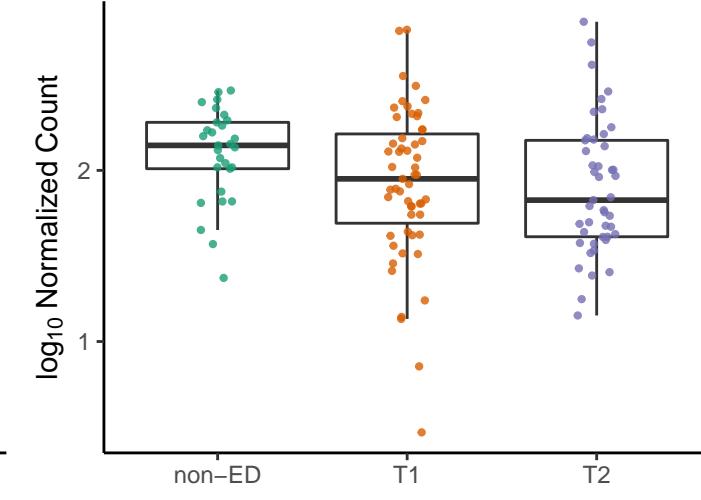
### *Neisseria* sp. oral taxon 014

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.45  
 T1 vs. T2 adjusted p = 0.85



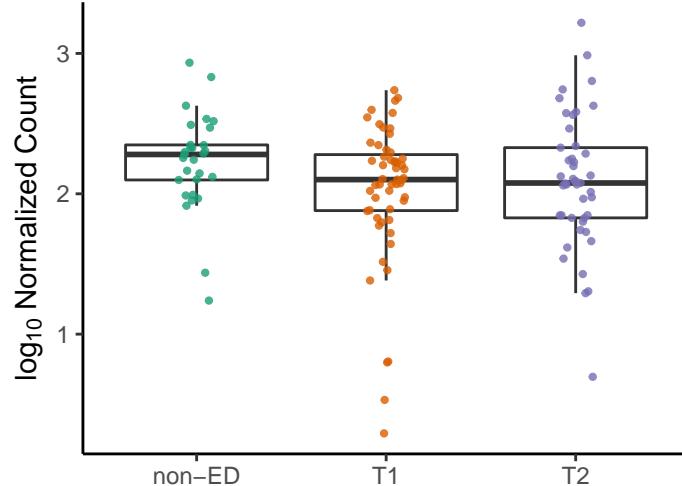
### *Caldithrix* abyssi

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.93



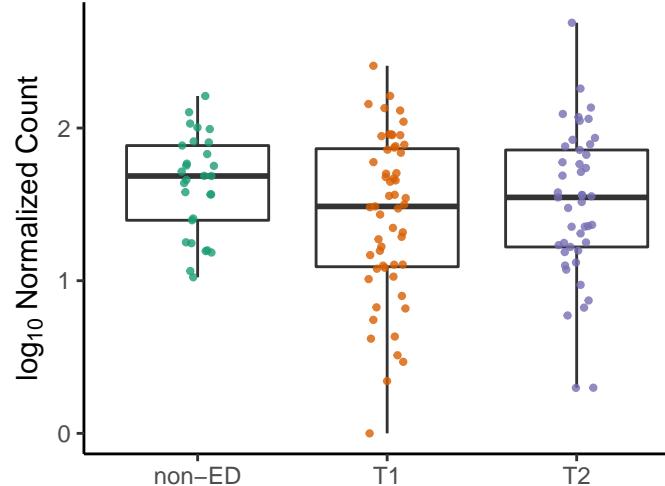
### *Geobacter* pickeringii

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



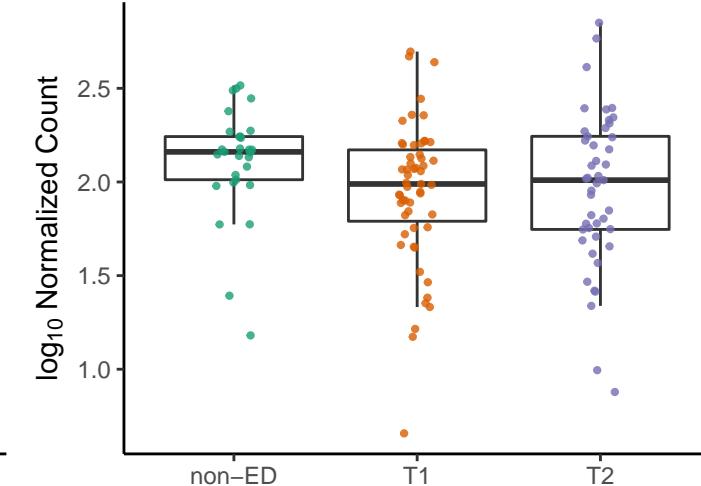
### *Caulobacteraceae* bacterium OTSz\_A\_2

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.87



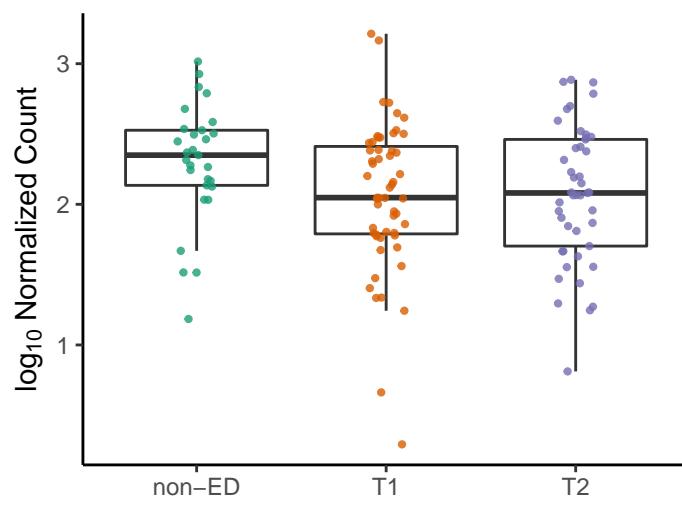
### *Bacillus* sp. FJAT–45348

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.97



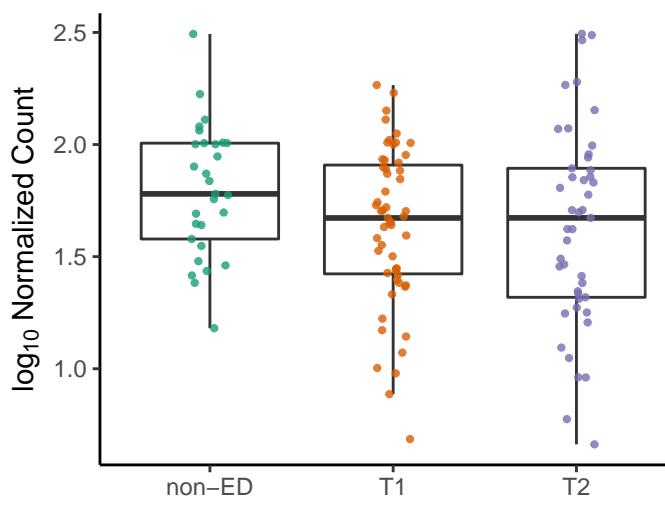
### Unclassified Nocardia Genus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.073  
T1 vs. T2 adjusted p = 0.87



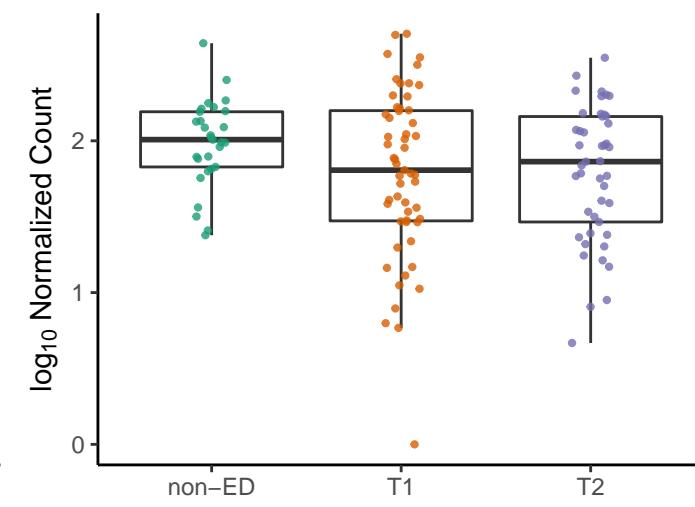
### Muriicola sp. MMS17-SY002

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.99



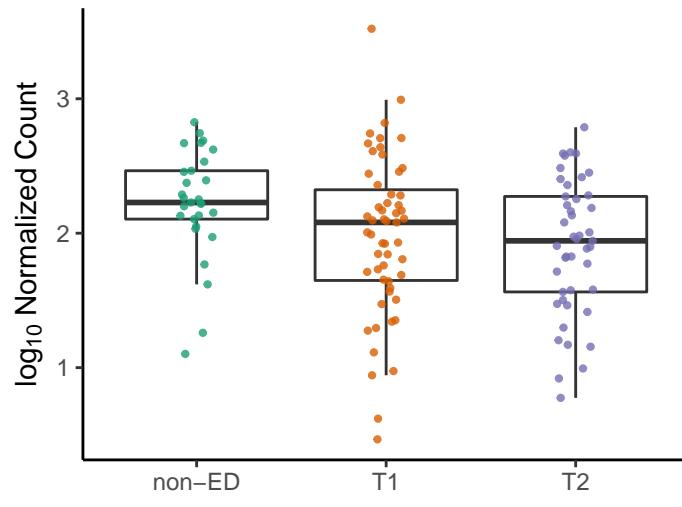
### Streptomyces roseochromogenus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.98



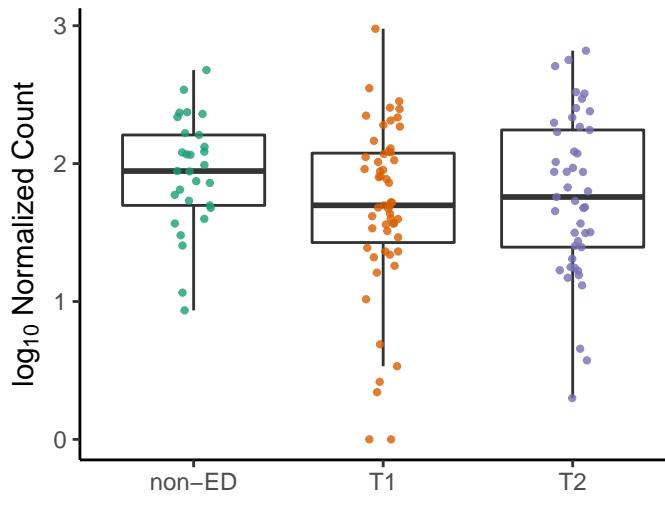
### Halomonas sp. JS92-SW72

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.98



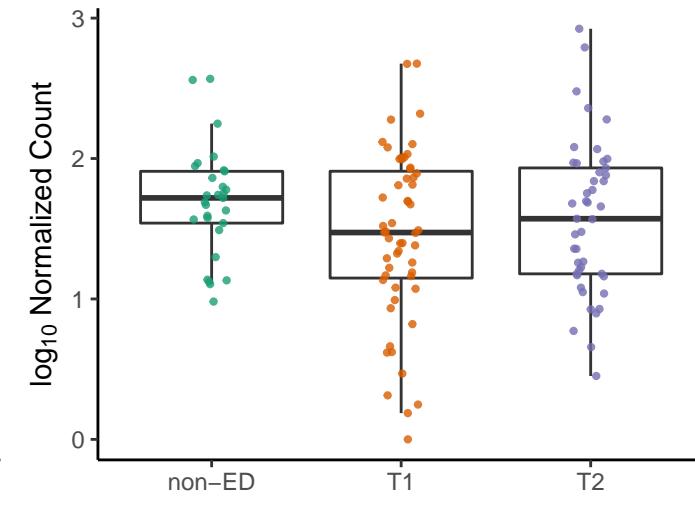
### Streptomyces sp. SYP-A7193

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.85



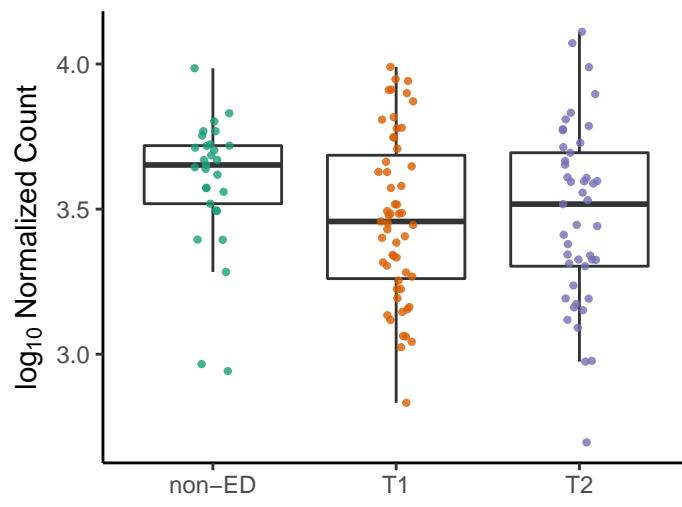
### Halobacterium salinarum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.33  
T1 vs. T2 adjusted p = 0.85



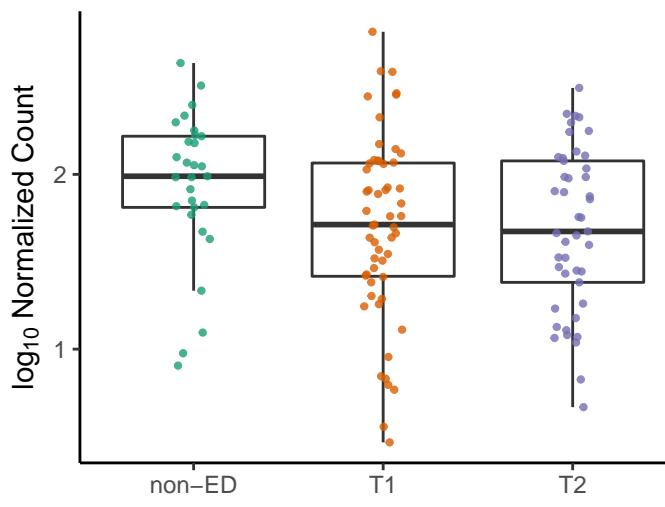
### Unclassified Bacillus Genus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.95



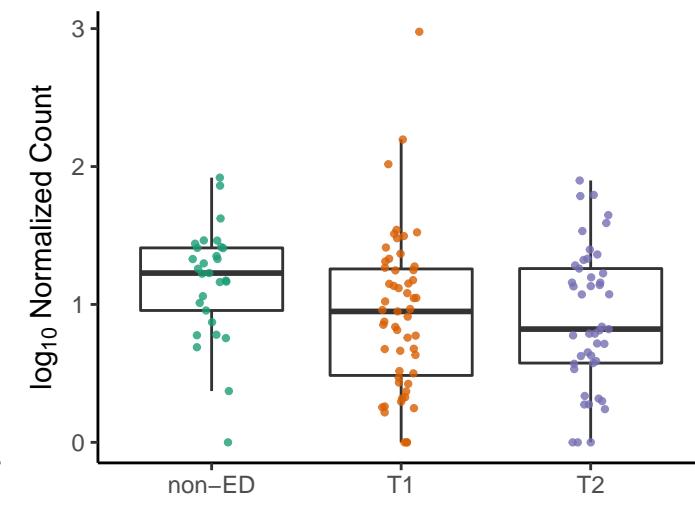
### Microbacterium oryzae

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.98



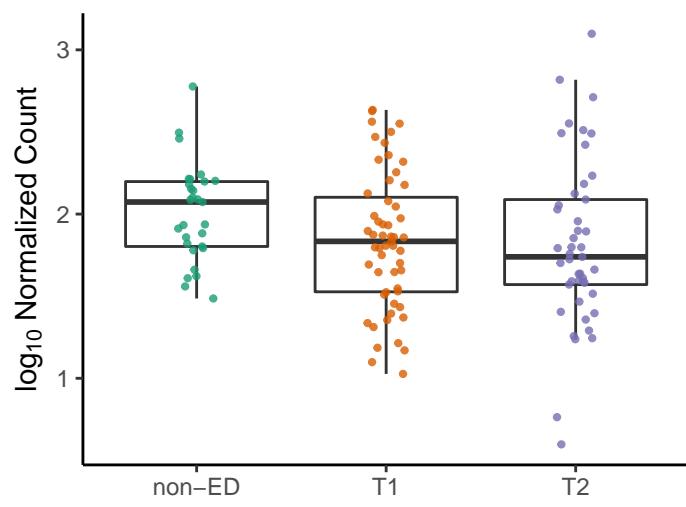
### Chryseobacterium sp. F5649

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.87



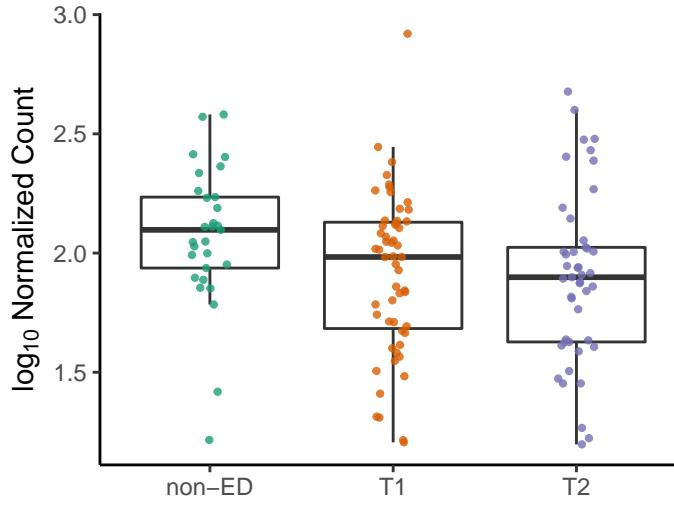
### *Pseudoalteromonas luteoviolacea*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.077  
 T1 vs. T2 adjusted p = 0.97



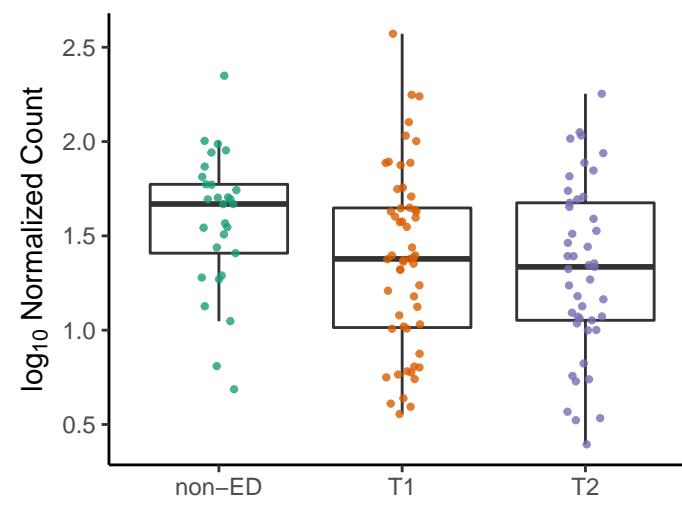
### *Paenibacillus kribbensis*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



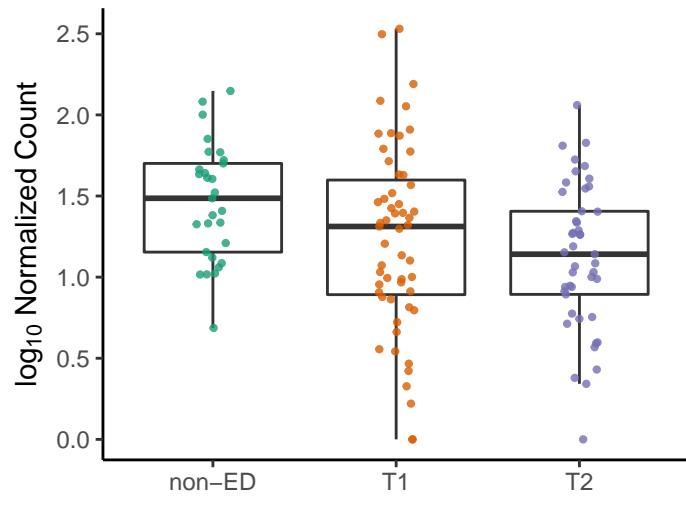
### *Lactobacillus lindneri*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.87



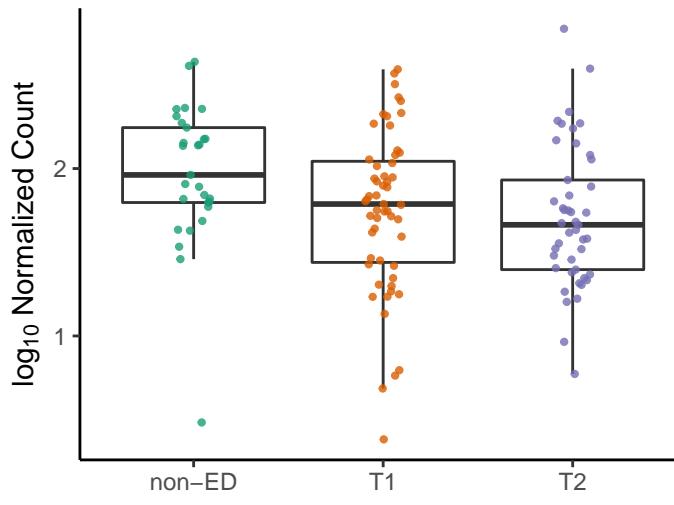
### *Methanobacterium congoense*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.89



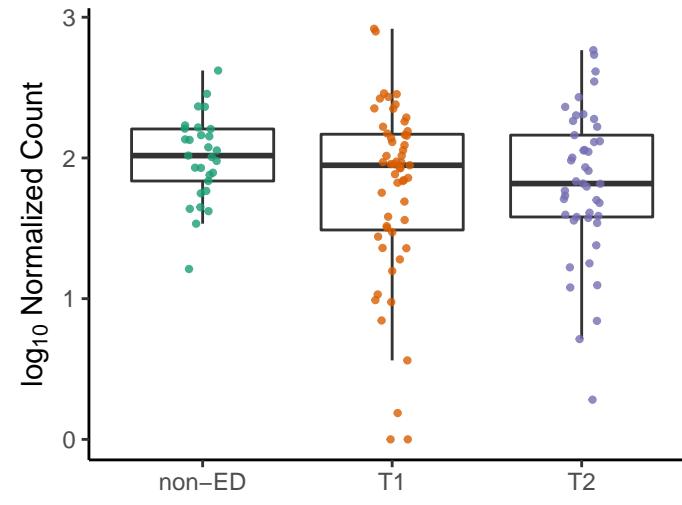
### *Planctomycetes bacterium TBK1r*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.97



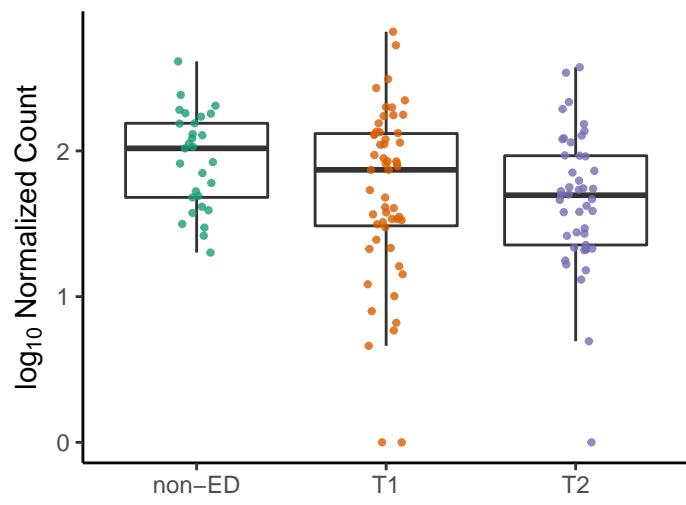
### Unclassified Desulfovibrionales Order

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



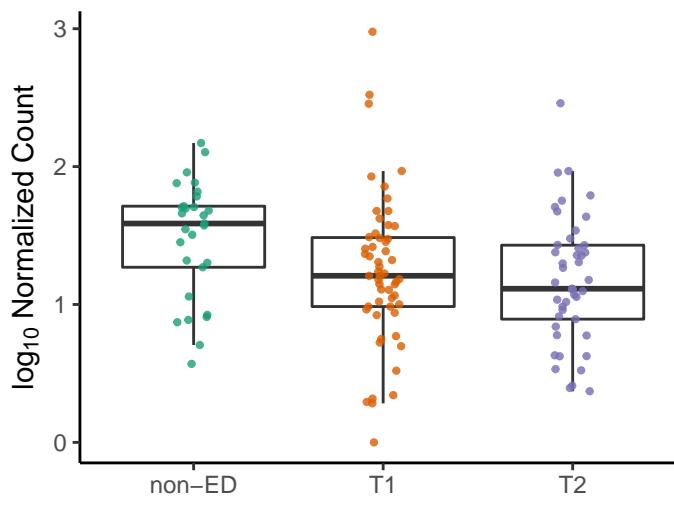
### *Streptomyces globosus*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.95



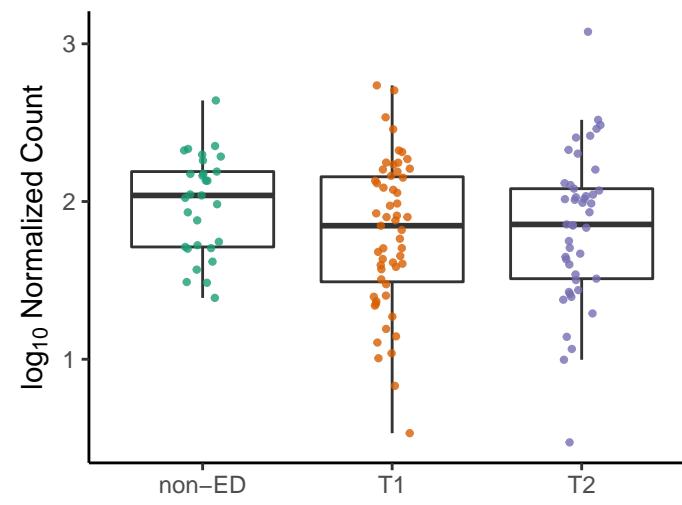
### *Thermococcus barophilus*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.87



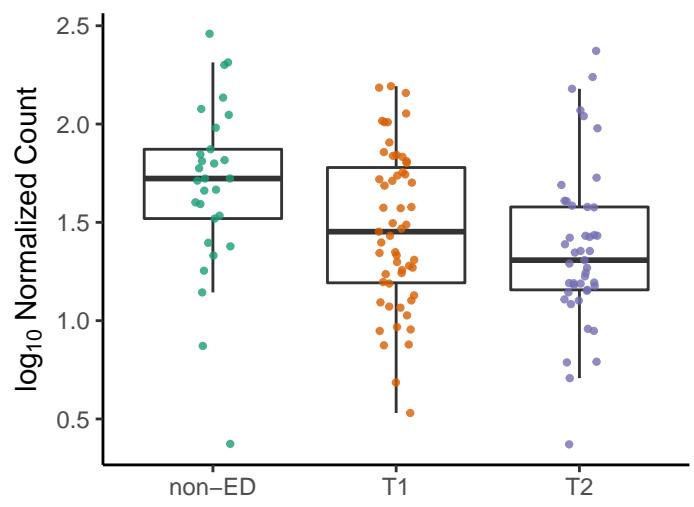
### *Mycolicibacterium hassiacum*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.9



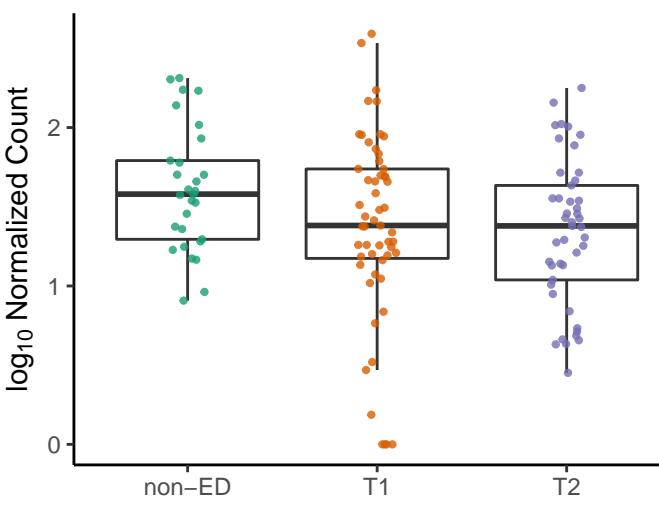
### *Acinetobacter nosocomialis*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



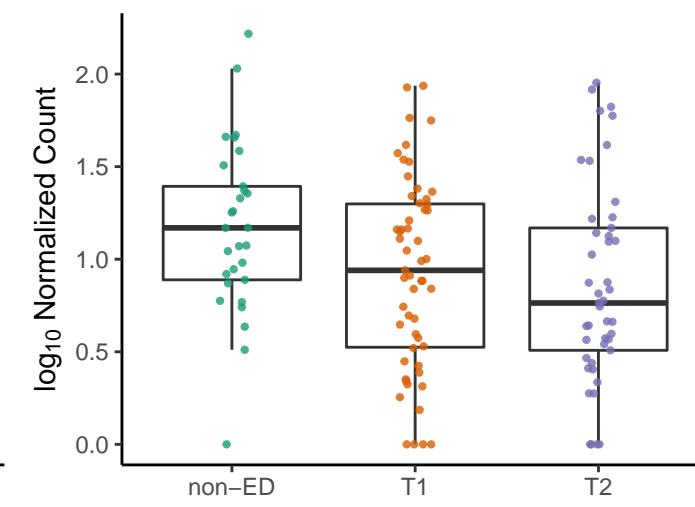
### *Altererythrobacter sp. TH136*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.96



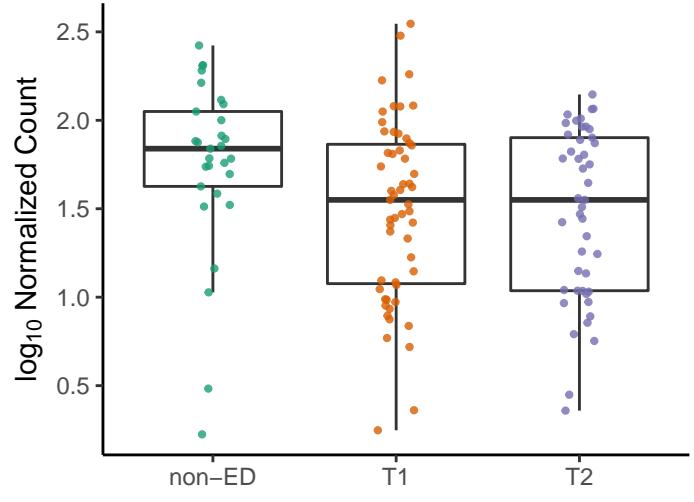
### *Mycolicibacterium monacense*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



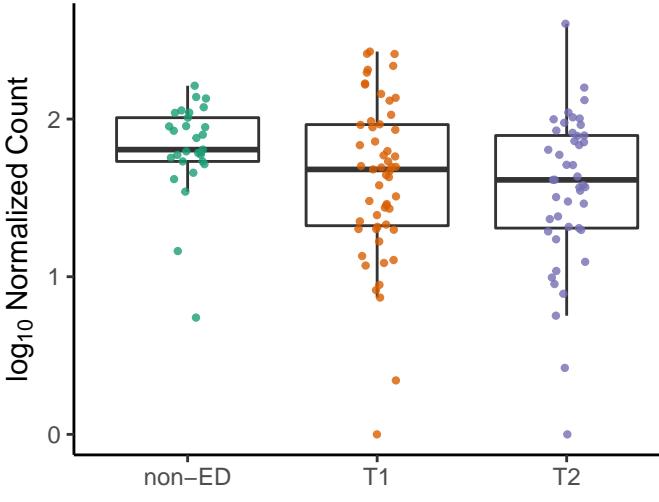
### *Polaribacter reichenbachii*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.95



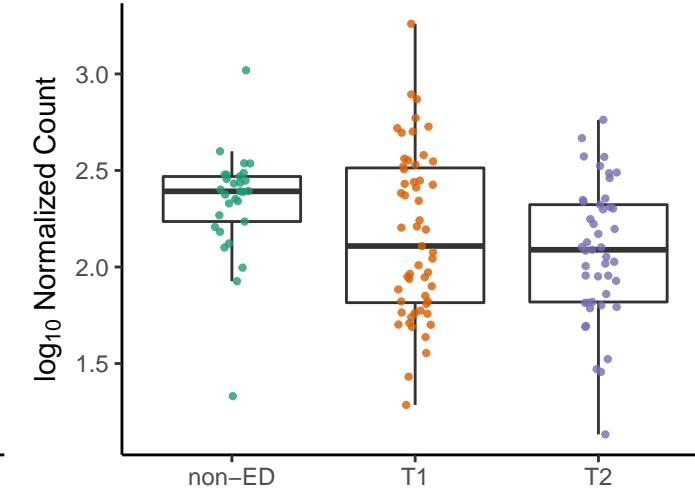
### Unclassified Thermosiphho Genus

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



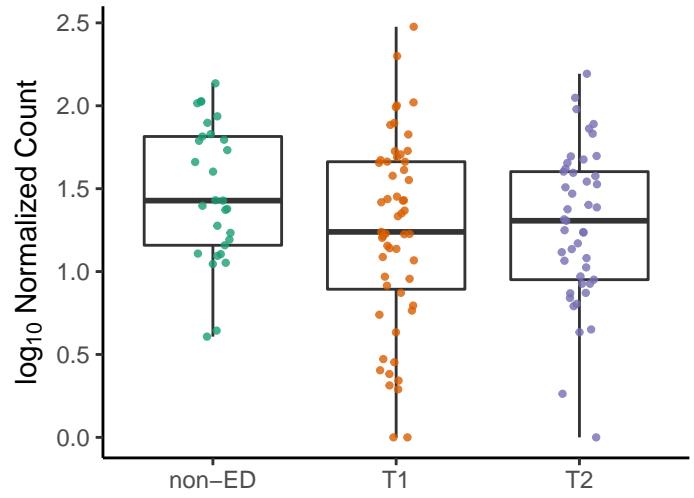
### *Ezakiella massiliensis*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



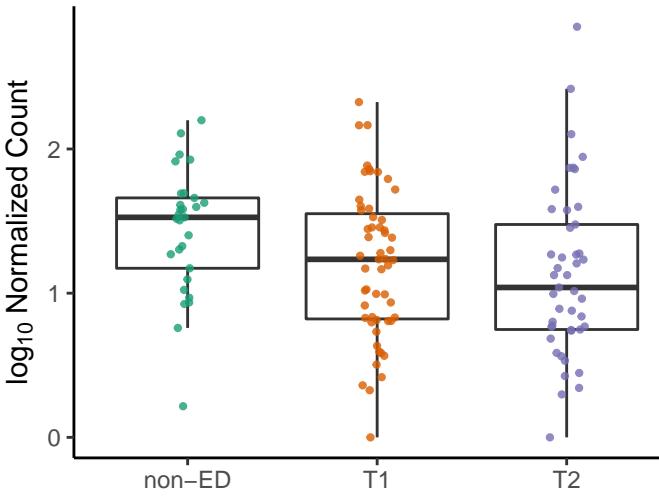
### *Acetobacter senegalensis*

non-ED vs. T1 adjusted p = 0.058  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



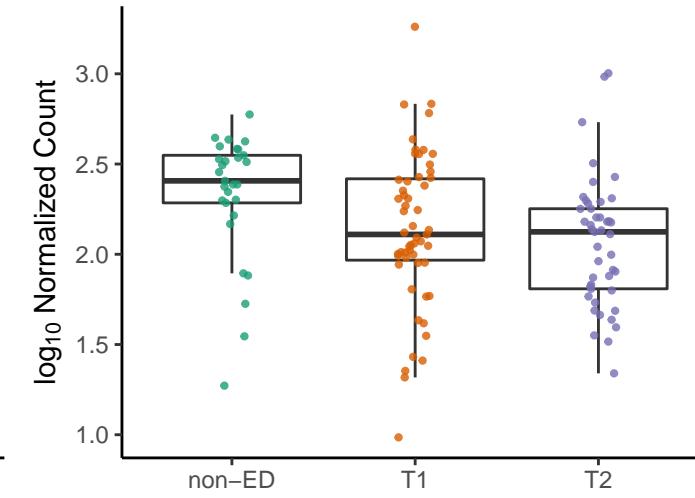
### *Actinobacillus delphinicola*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.86



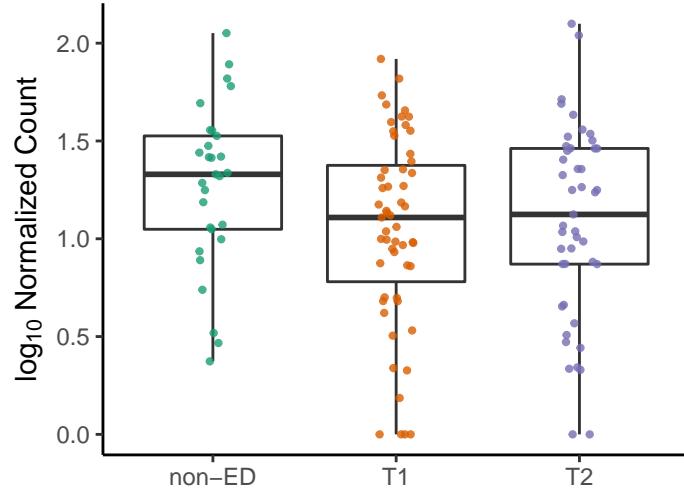
### *Fastidiosipila sanguinis*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



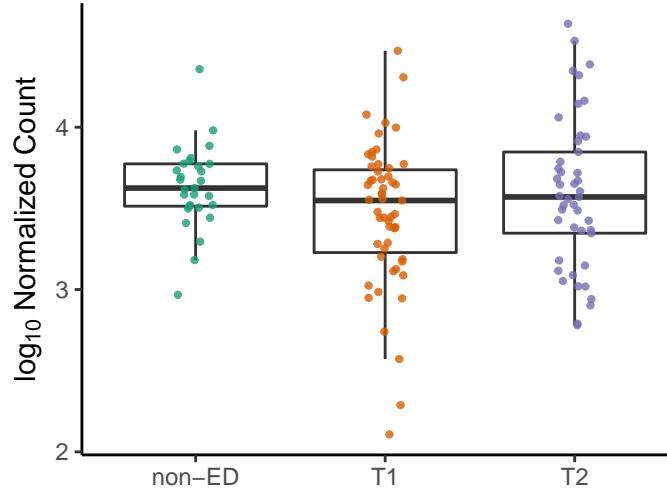
### *Tropheryma whipplei*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.94



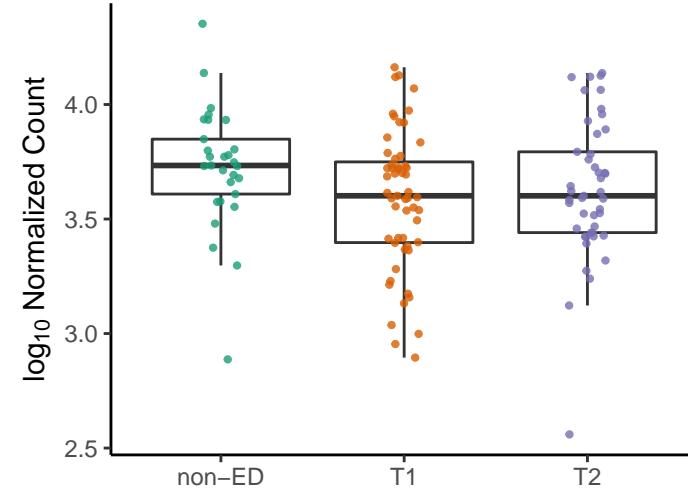
### *Caproicibacter sp. NJN-50*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.65  
 T1 vs. T2 adjusted p = 0.85



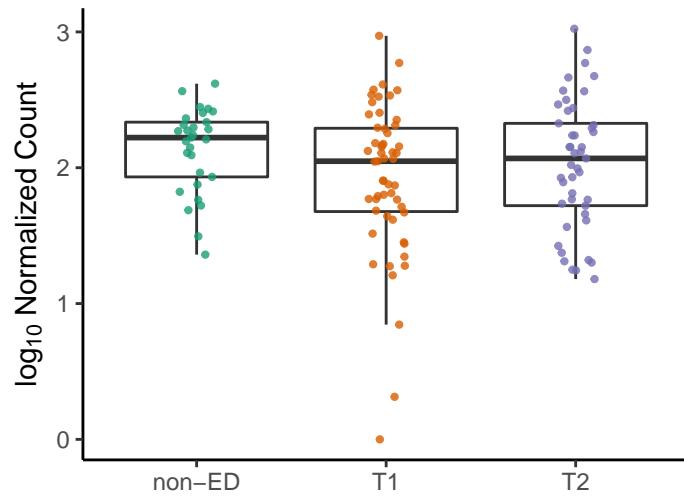
### [*Eubacterium*] *cellulosolvens*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



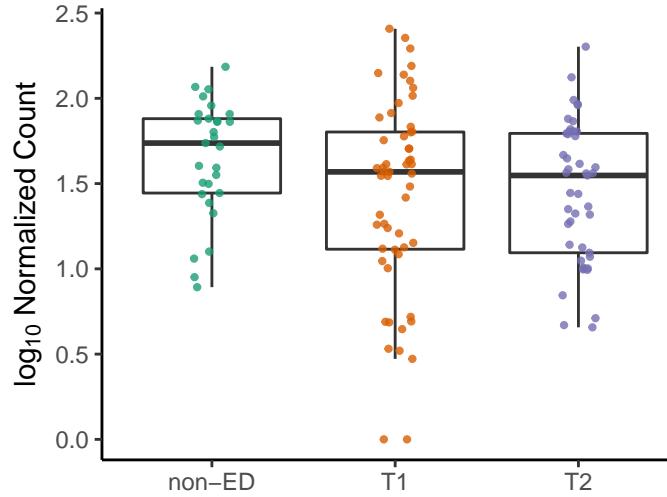
### *Micropruina glycogenica*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.85



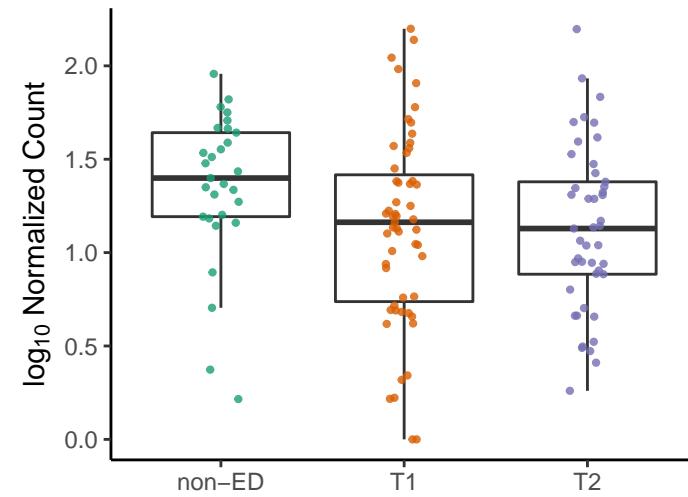
### *Corynebacterium* sp. 2019

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.92



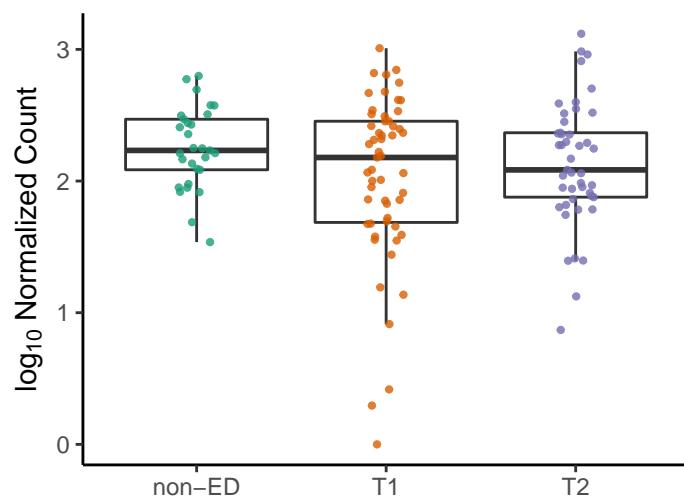
### *Actinobacillus equuli*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.98



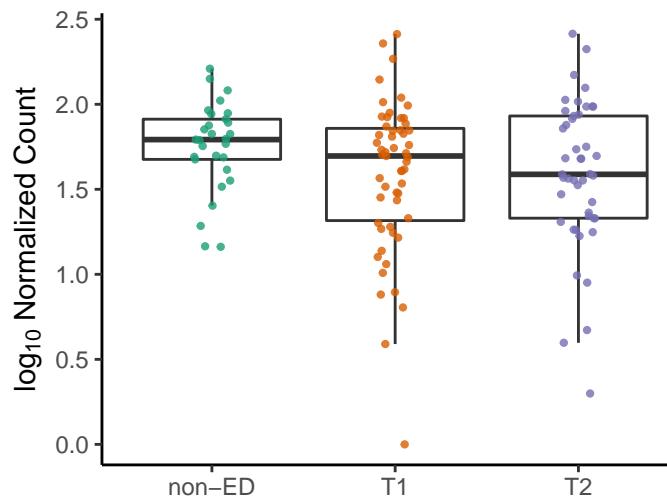
### *Streptomyces* sp. RTd22

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



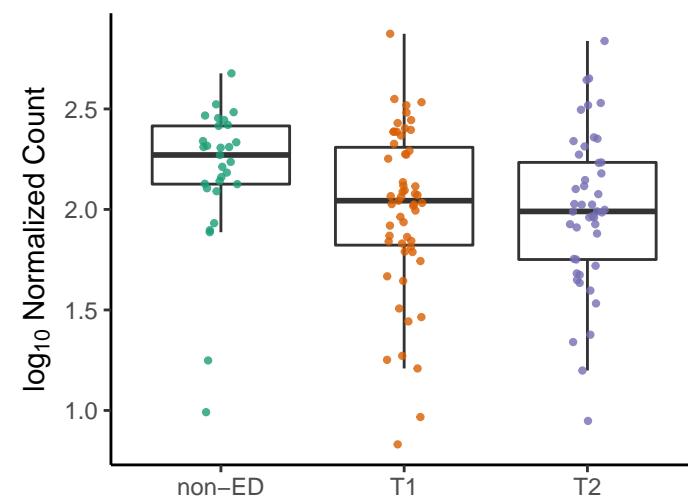
### *Gloeomargarita lithophora*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.93



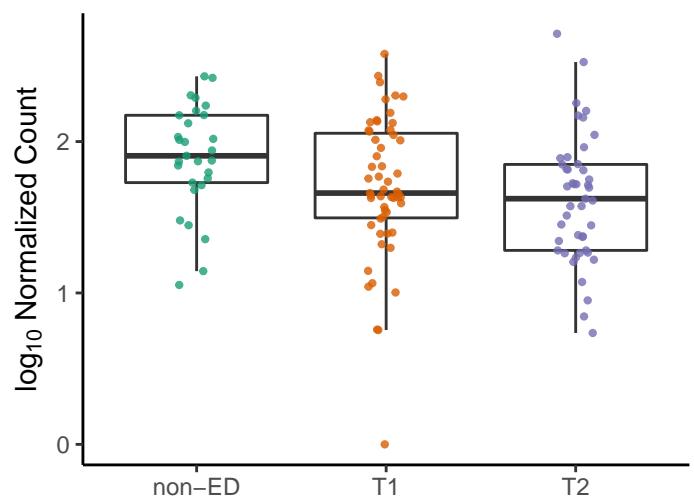
### *Solitalea canadensis*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.98



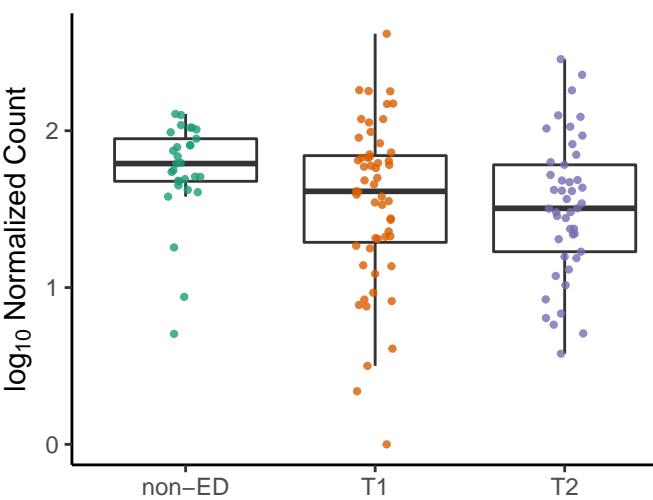
### *Arachidicoccus* sp. KIS59-12

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



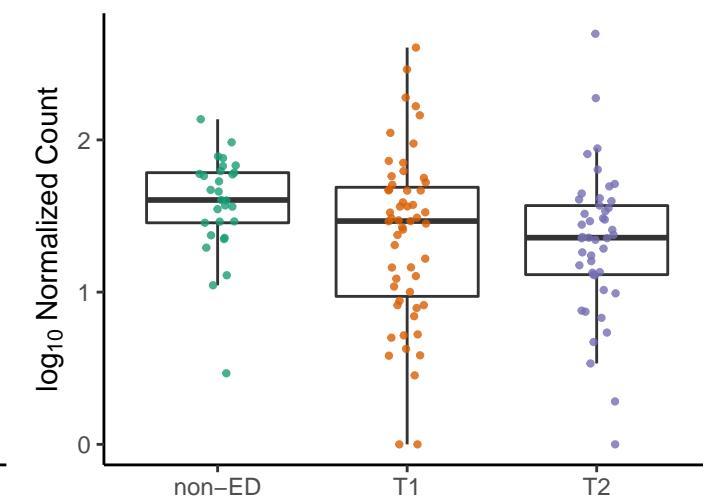
### *Winogradskyella* sp. PG-2

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



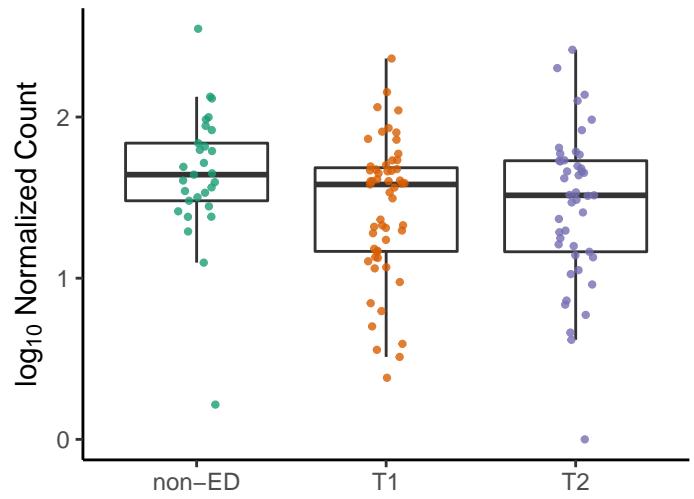
### *Corynebacterium ammoniagenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.99



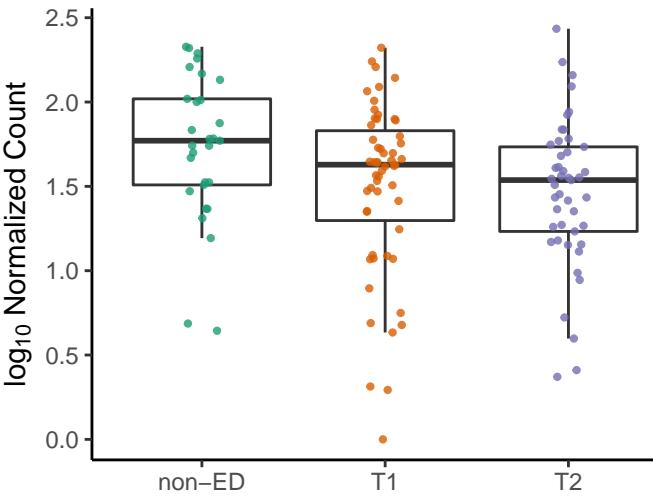
### *Staphylococcus delphini*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.98



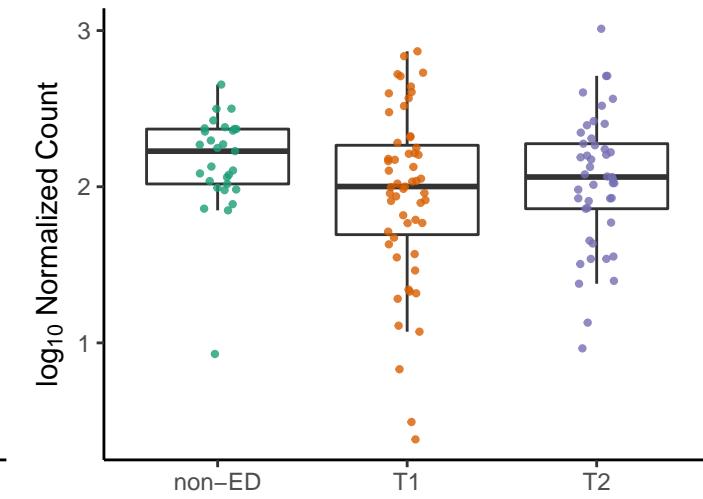
### *Wolinella succinogenes*

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.91



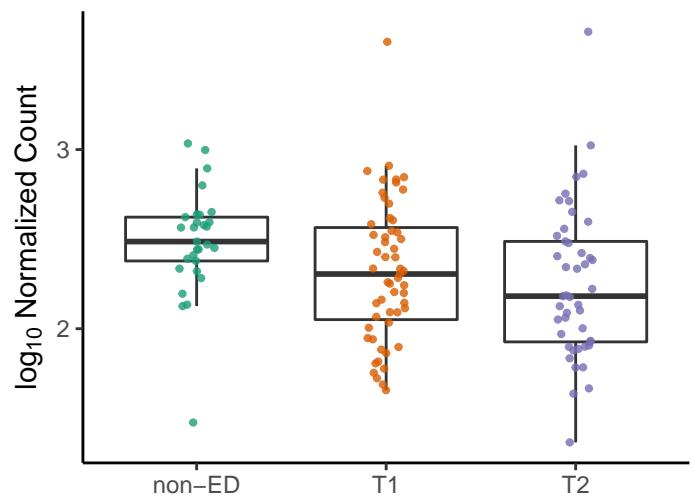
### Unclassified Rhodothermaceae Family

non-ED vs. T1 adjusted p = 0.059  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



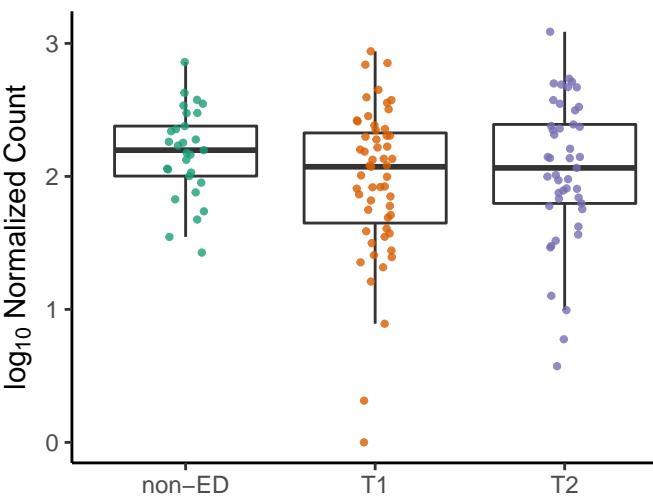
### *Lactobacillus iners*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



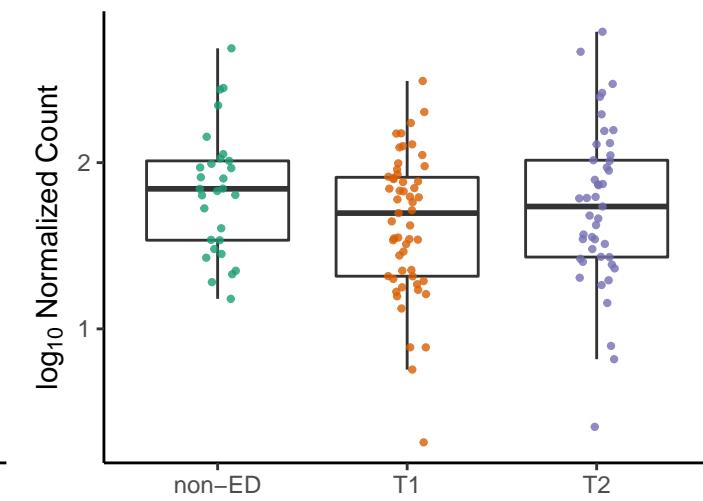
### *Streptomyces* sp. SCSIO 03032

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



### *Sedimentisphaera salicampi*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85

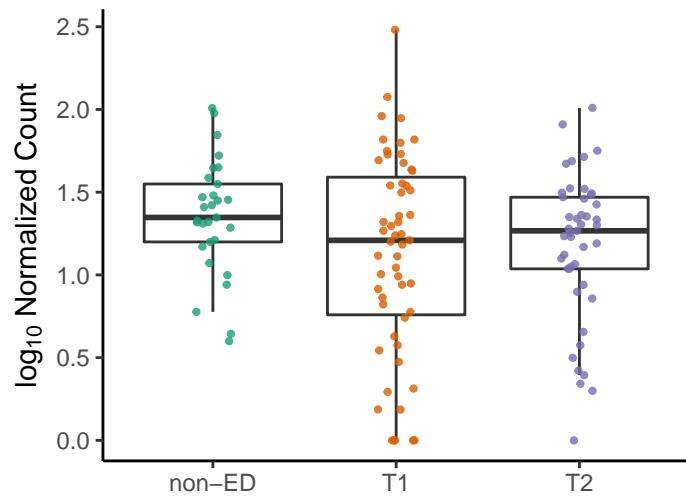


### Planctomycetes bacterium Mal52

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.1

T1 vs. T2 adjusted p = 0.91

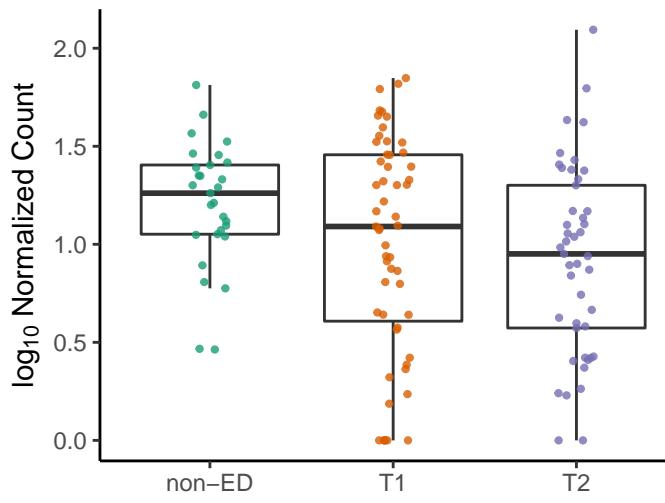


### Planococcus faecalis

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.015

T1 vs. T2 adjusted p = 0.88

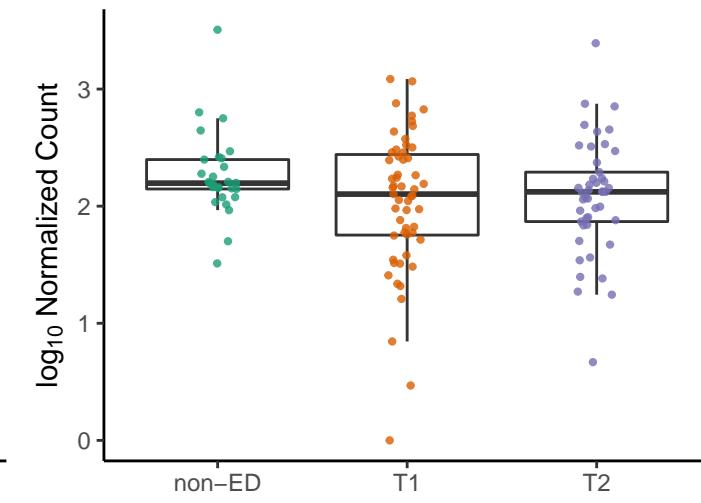


### Actinomyces sp. oral taxon 897

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.87

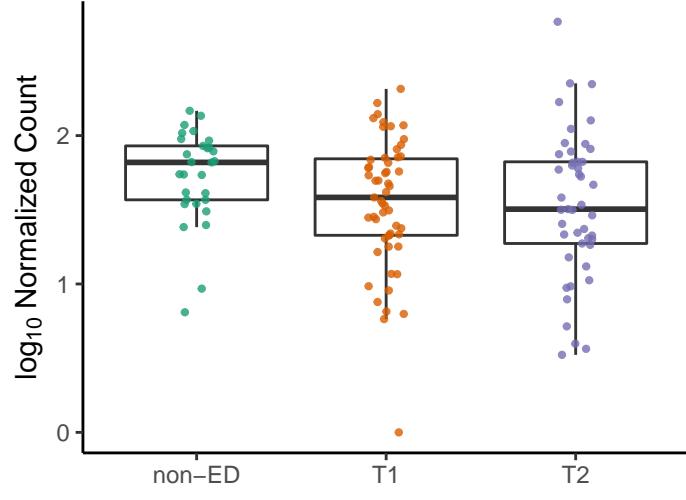


### Lactobacillus fuchuensis

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.076

T1 vs. T2 adjusted p = 0.97

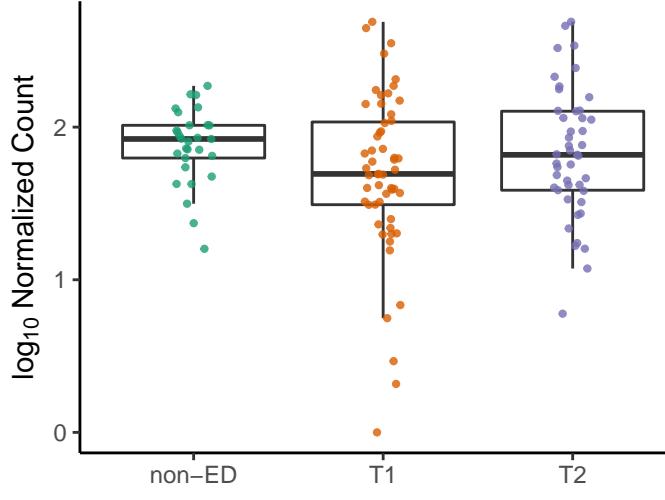


### Rhizobium sp. NXC24

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.59

T1 vs. T2 adjusted p = 0.84

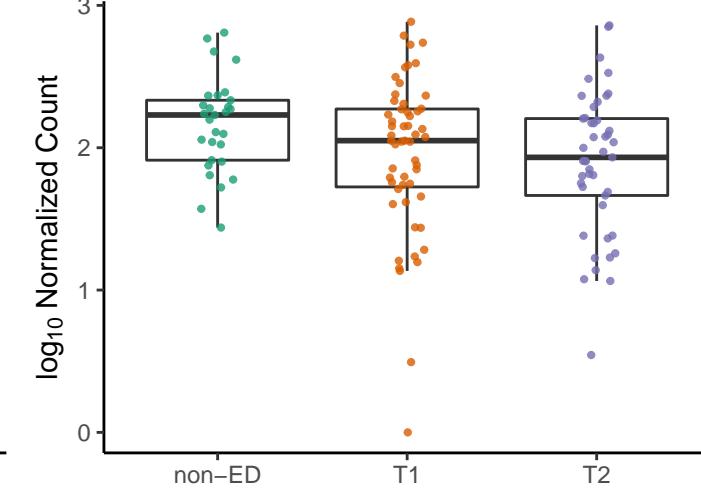


### Verrucomicrobium sp. GAS474

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.026

T1 vs. T2 adjusted p = 0.98

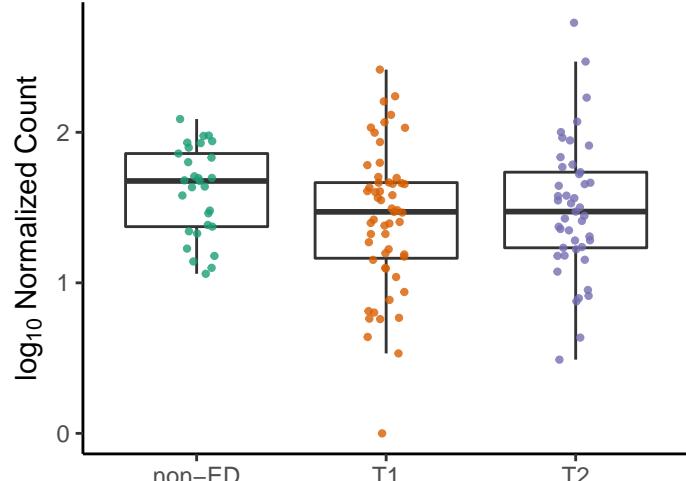


### Methanoregula boonei

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.24

T1 vs. T2 adjusted p = 0.86

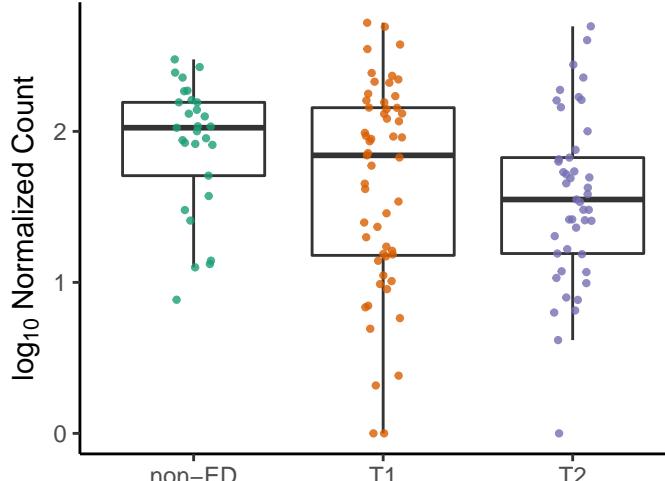


### Deinococcus soli Cha et al. 2016

non-ED vs. T1 adjusted p = 0.06

non-ED vs. T2 adjusted p = 0.016

T1 vs. T2 adjusted p = 0.98

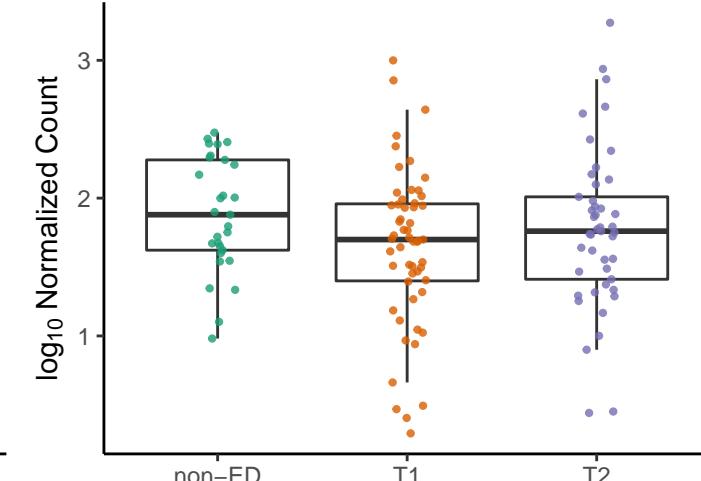


### Janibacter melonis

non-ED vs. T1 adjusted p = 0.06

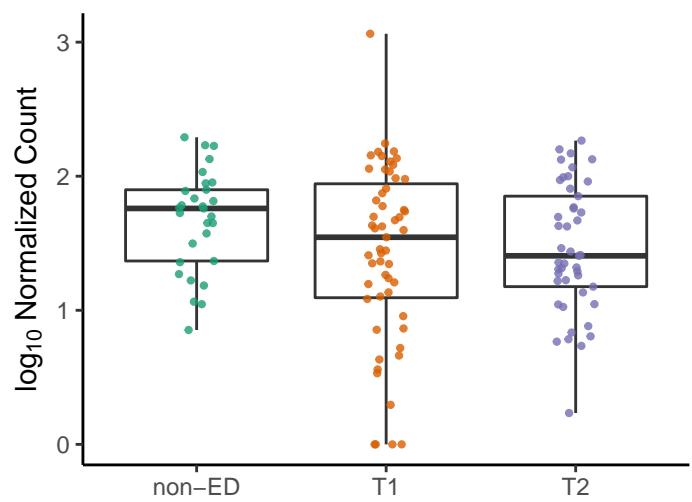
non-ED vs. T2 adjusted p = 0.4

T1 vs. T2 adjusted p = 0.85



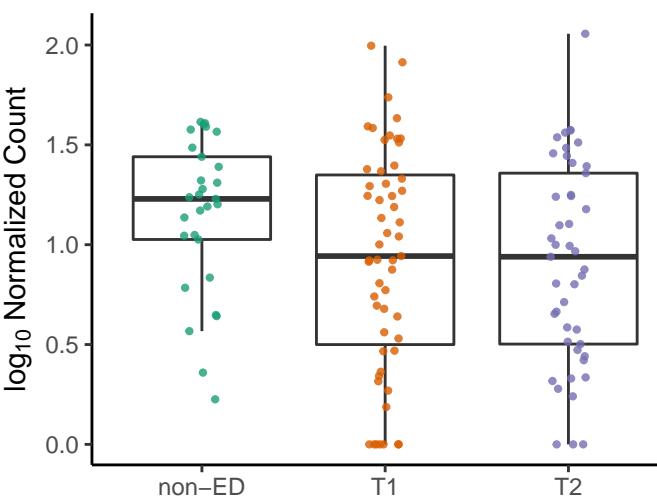
### *Pseudomonas agarici*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.91



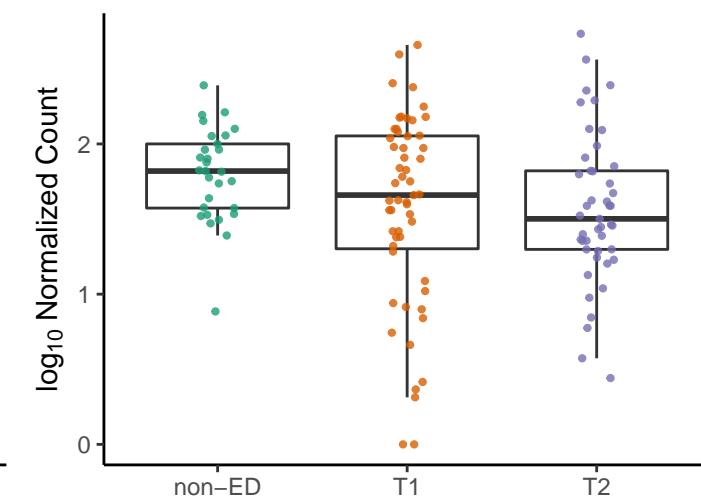
### *Campylobacter* sp. NCTC 13003

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.87



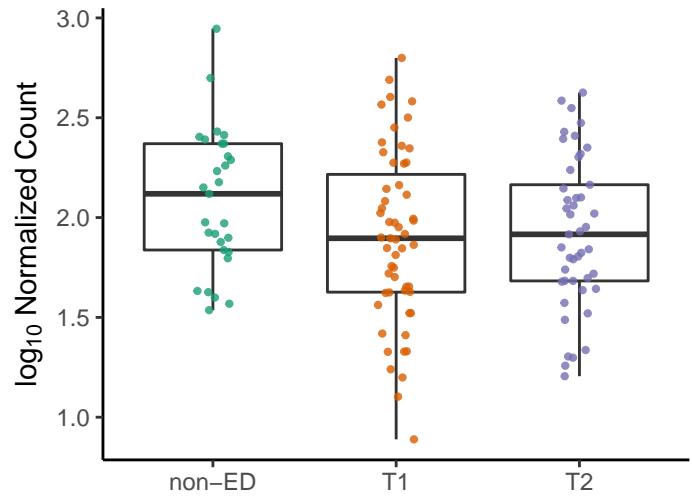
### *Microbacterium* sp. L-031

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.98



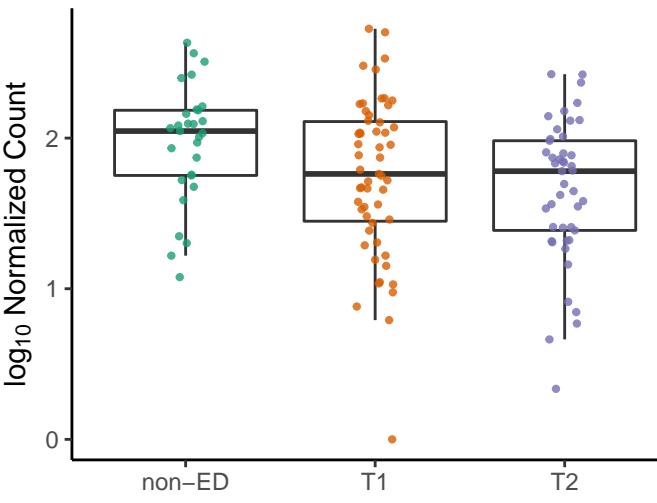
### *Arthrobacter* sp. YC-RL1

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



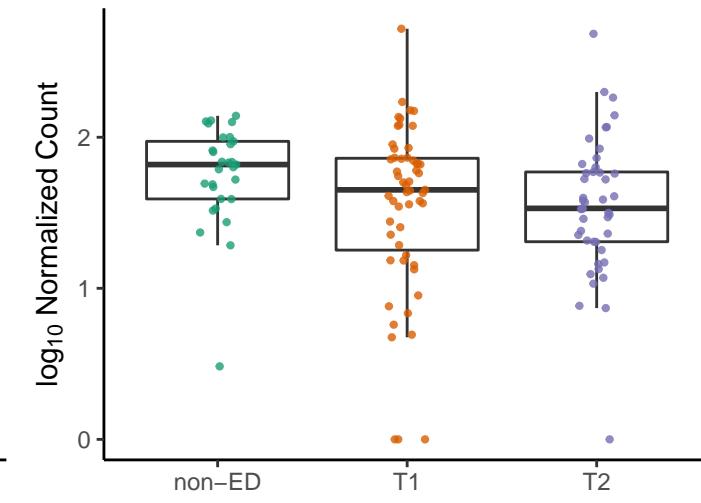
### Unclassified Arcobacter Genus

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.85



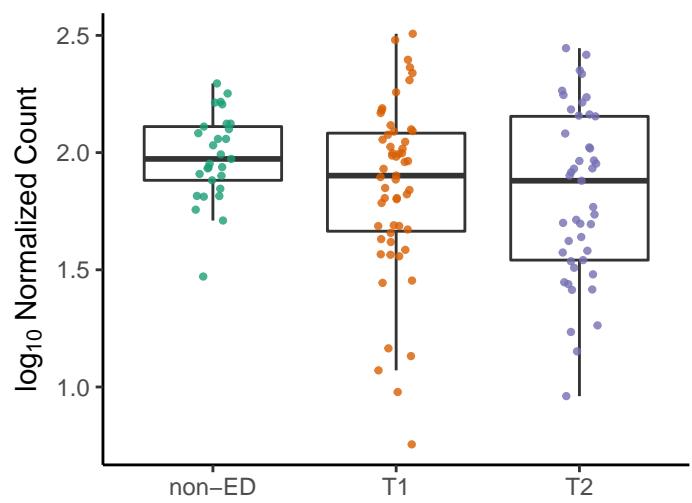
### *Woeseia oceanii*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.95



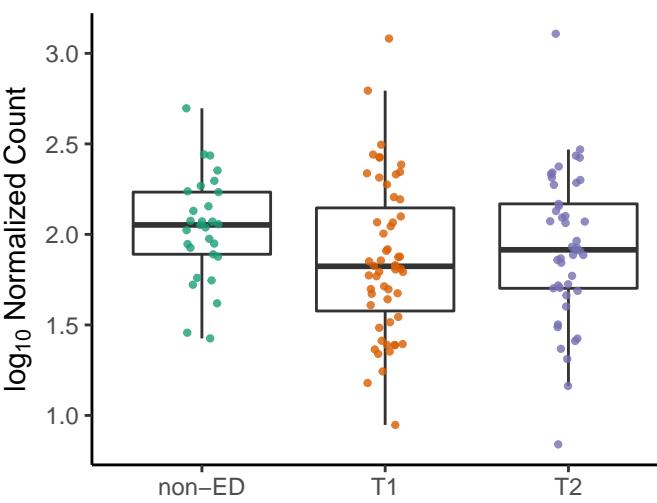
### *Chryseobacterium camelliae*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.99



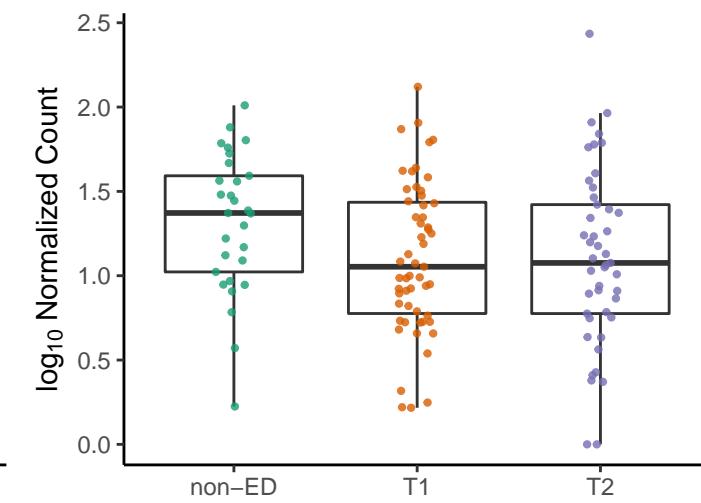
### *Mixta intestinalis*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



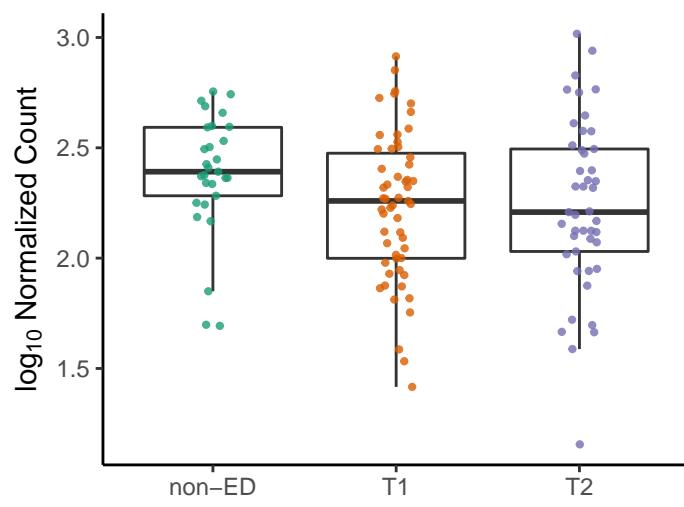
### *Thiomicrospira cyclica*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 1



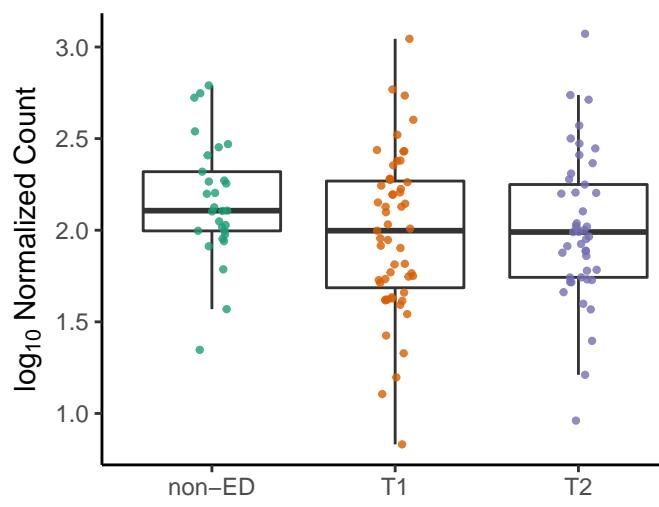
### Alkaliphilus metallireducens

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.98



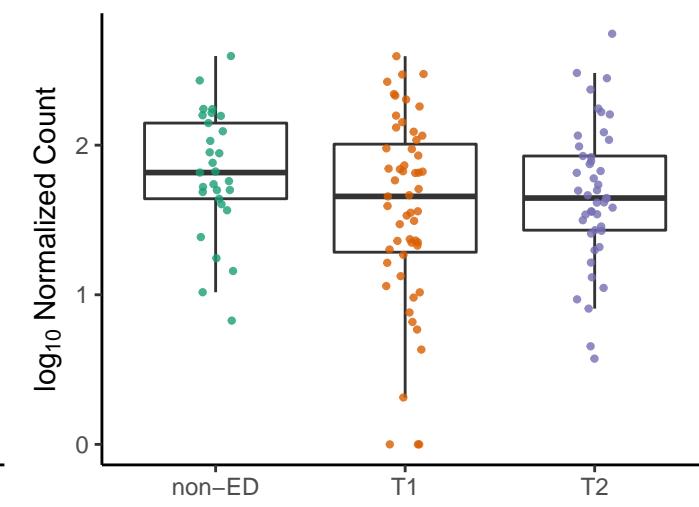
### Gynuella sunshinyii

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.87



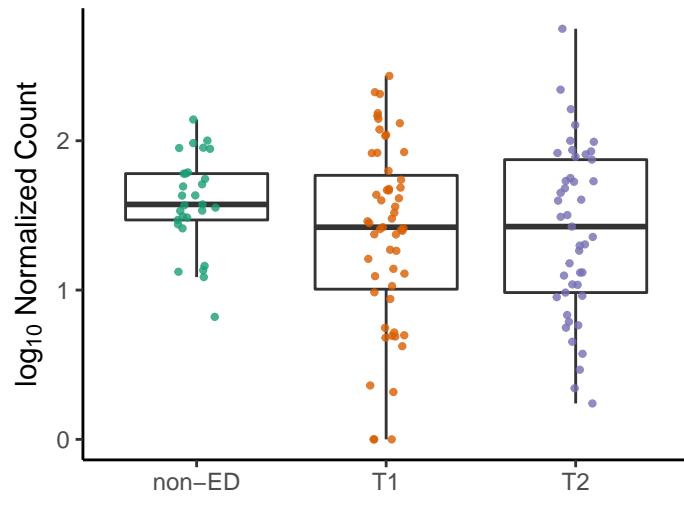
### Erythrobacter gangjinensis

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.85



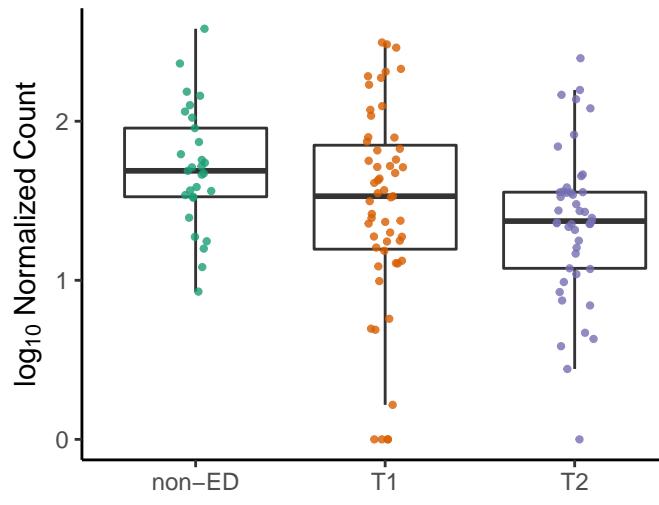
### Candidatus Planktophila sulfonica

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.95



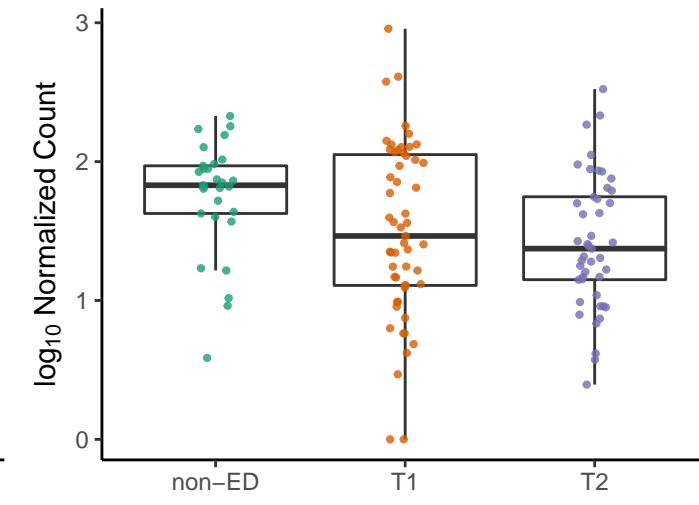
### Xanthomonas cassavae

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.87



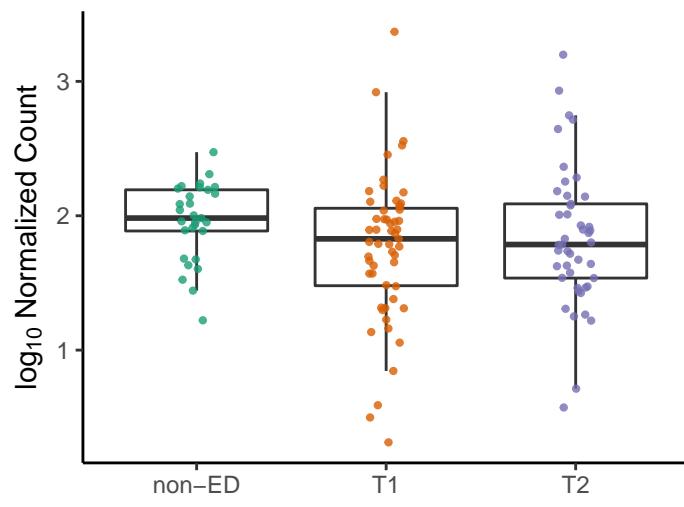
### Pandoraea fibrosis

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.91



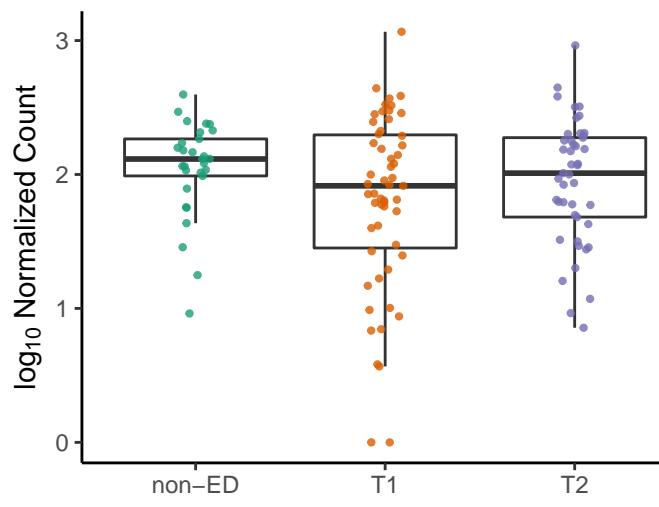
### Rhodobacteraceae bacterium QY30

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.85



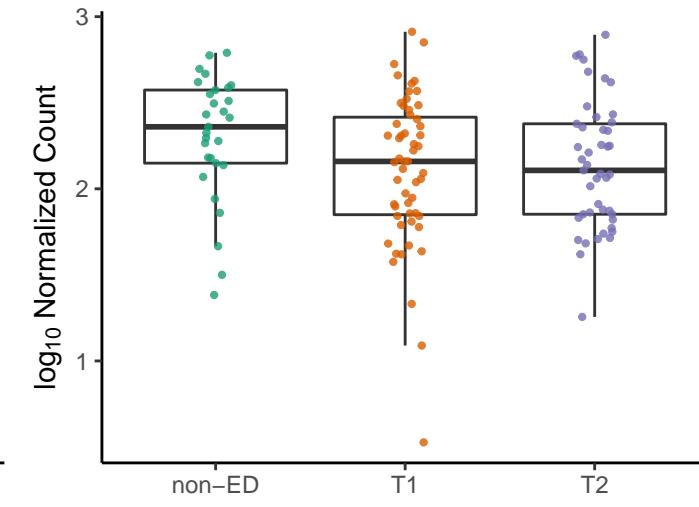
### Micromonospora siamensis

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.4  
T1 vs. T2 adjusted p = 0.85



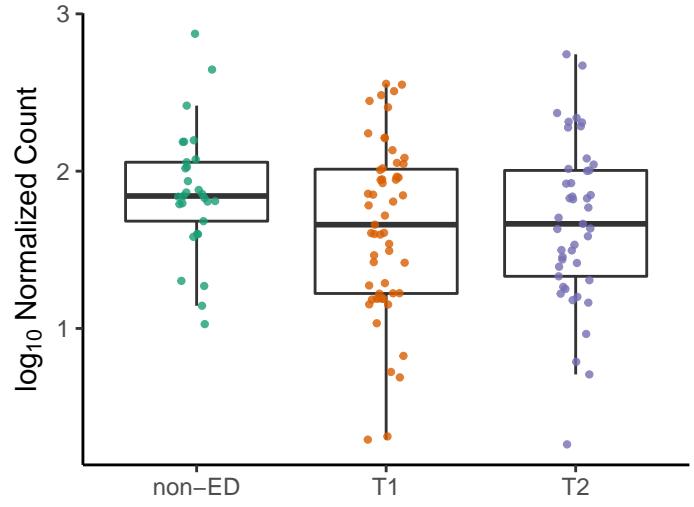
### Thermoanaerobacterium sp. RBIITD

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.095  
T1 vs. T2 adjusted p = 1



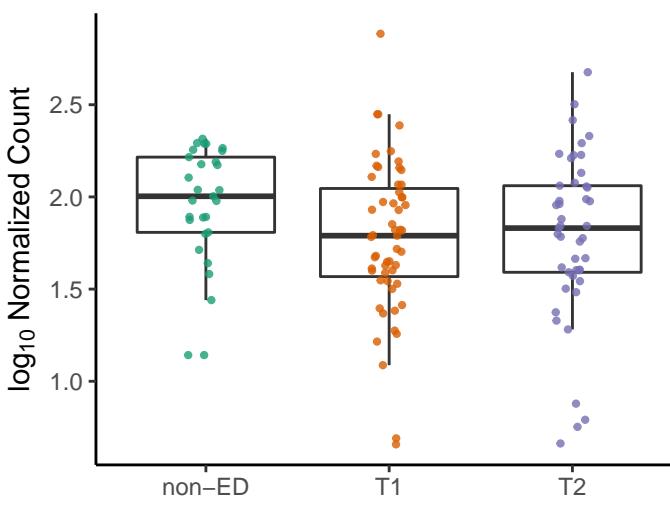
### Mesorhizobium sp. M1D.F.Ca.ET.043.01

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.85



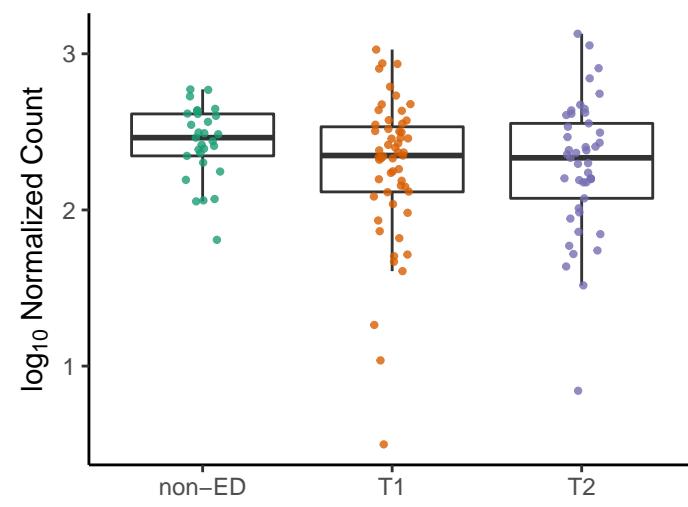
### Thermodesulfobvibrio yellowstonii

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.98



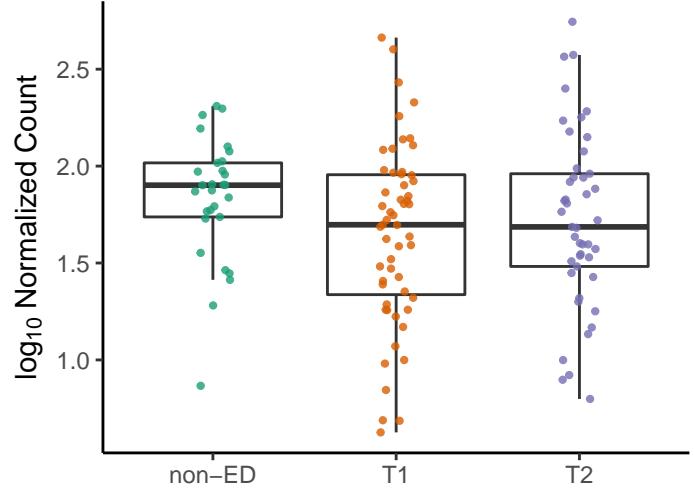
### Desulfomicrobium orale

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.9



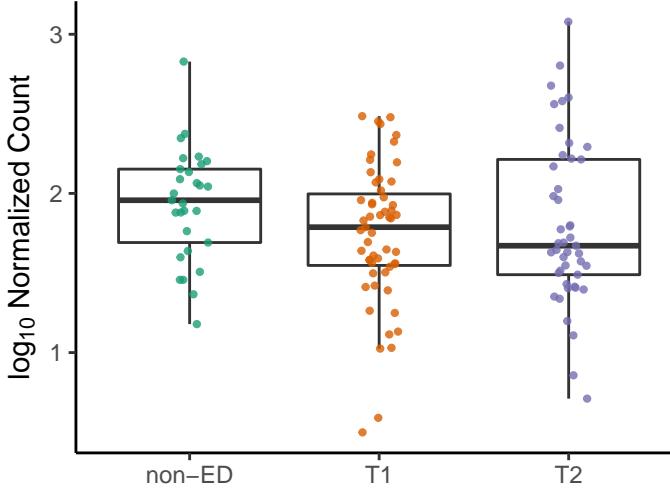
### Streptomyces pluripotens

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.27  
T1 vs. T2 adjusted p = 0.85



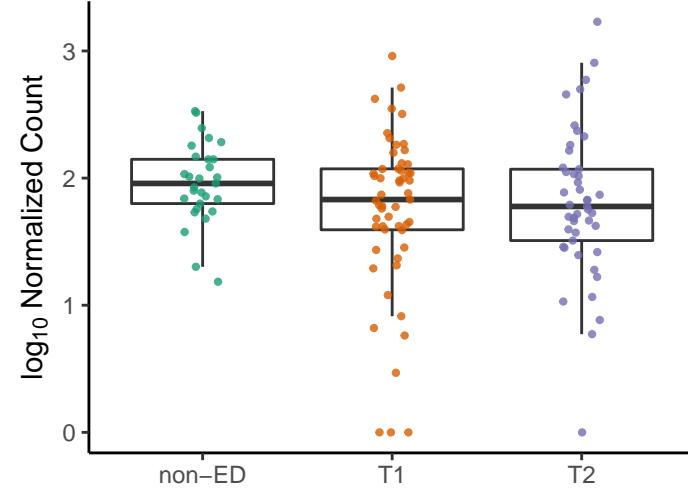
### Sphingomonas sp. MK52

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.85



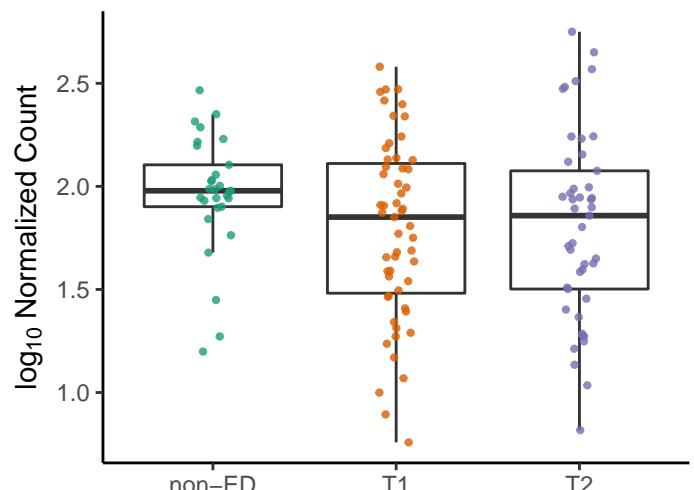
### Halomonas sp. THAF12

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.85



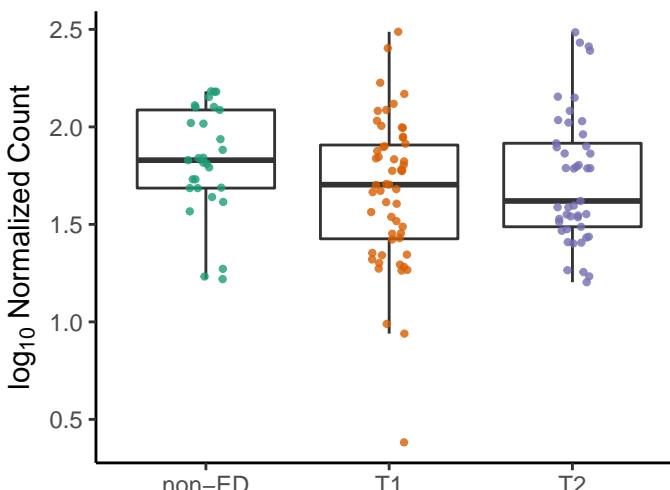
### Lactobacillus ginsenosidimutans

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.94



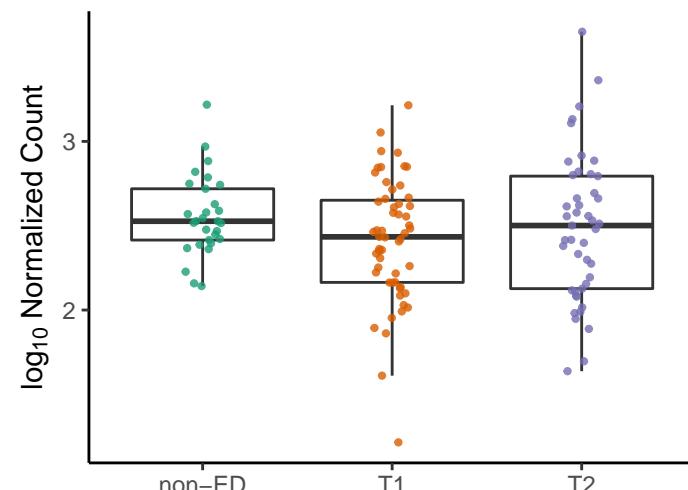
### Leptolyngbya sp. NIES-3755

non-ED vs. T1 adjusted p = 0.061  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.85



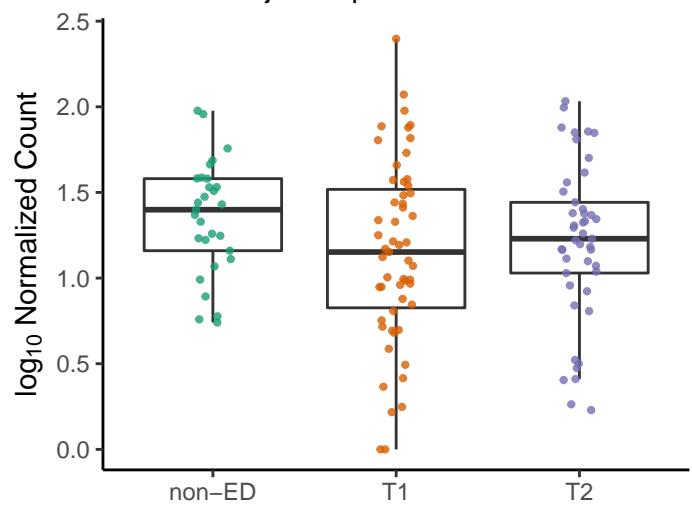
### Cohnella candidum

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.42  
T1 vs. T2 adjusted p = 0.85



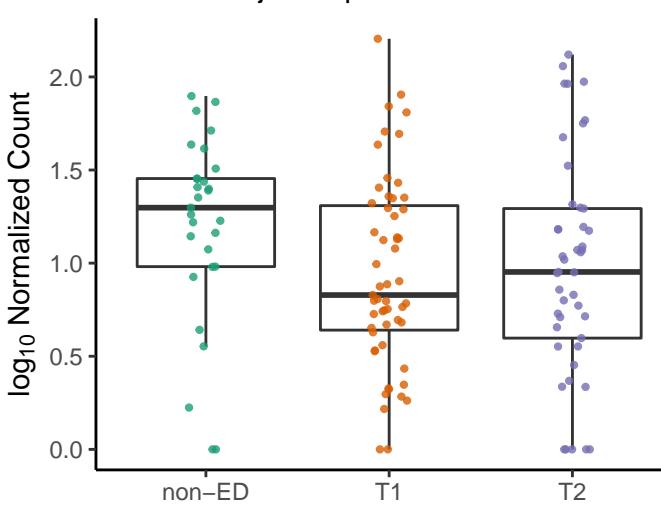
### *Helicobacter* sp. MIT 01–6242

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.91



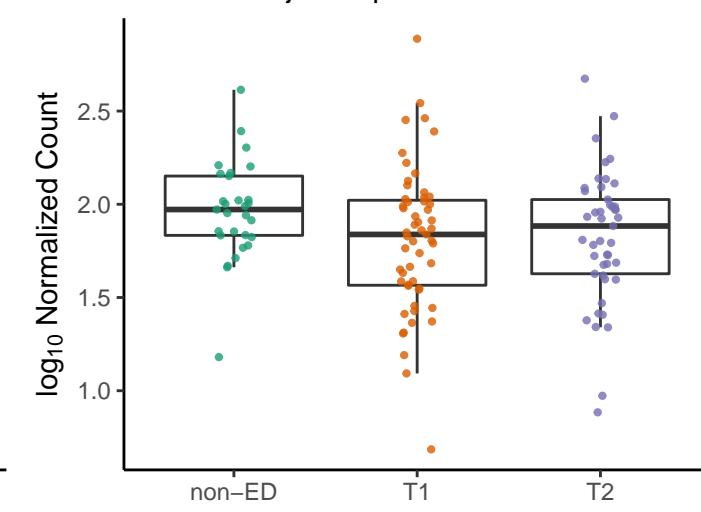
### *Mycoplasma columborale*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.95



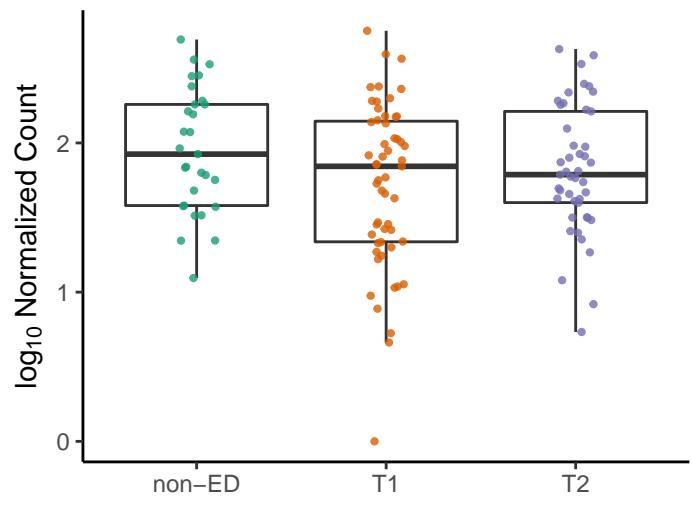
### *Bacillus* sp. THAF10

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.91



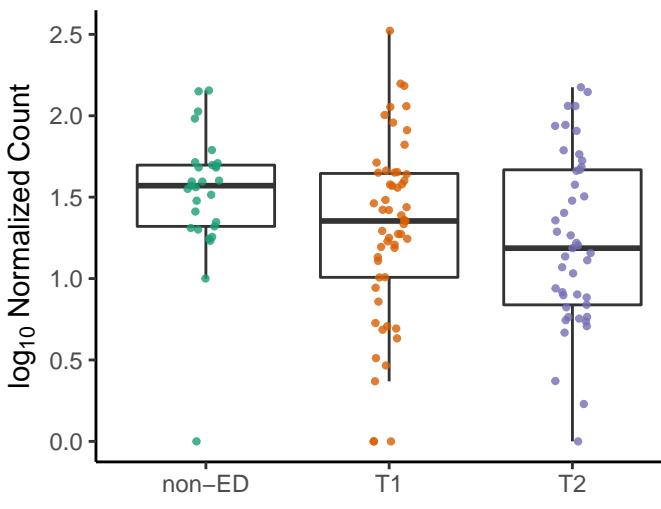
### *Streptomyces* sp. M2

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



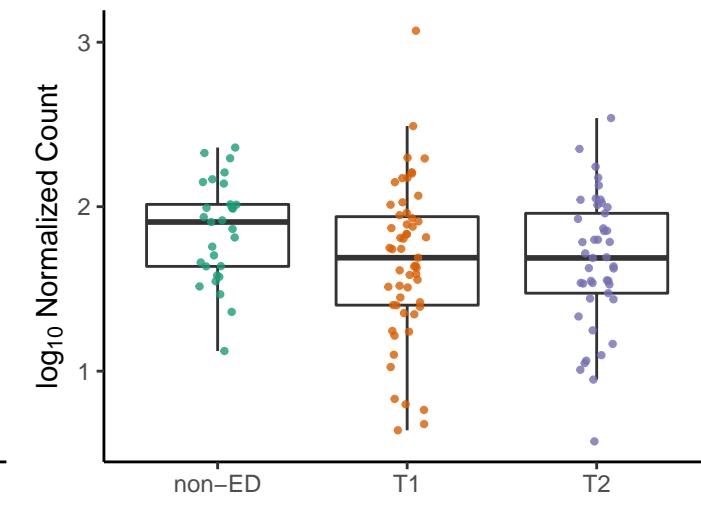
### *Francisella halioticida*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.93



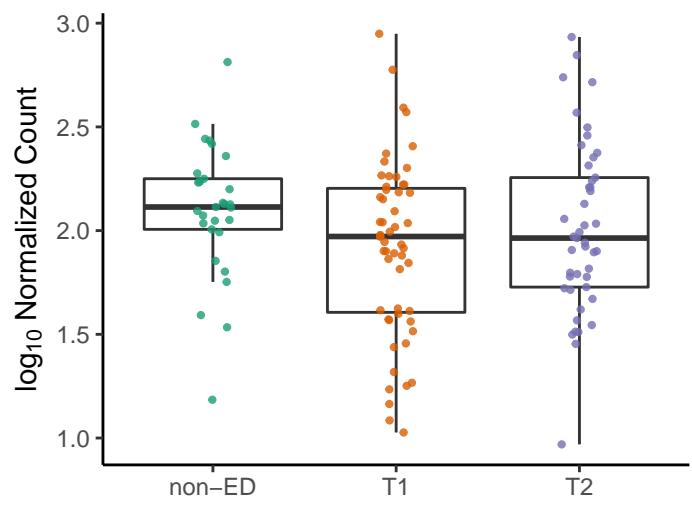
### *Pseudomonas alcaligenes*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 1



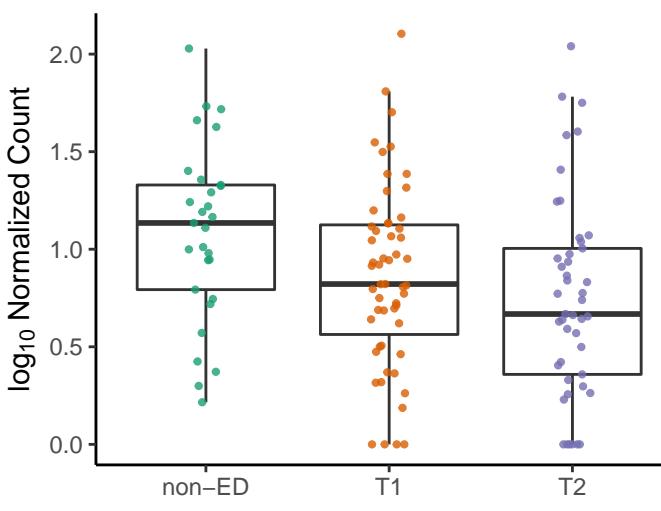
### *Geobacter* sp. DSM 9736

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.85



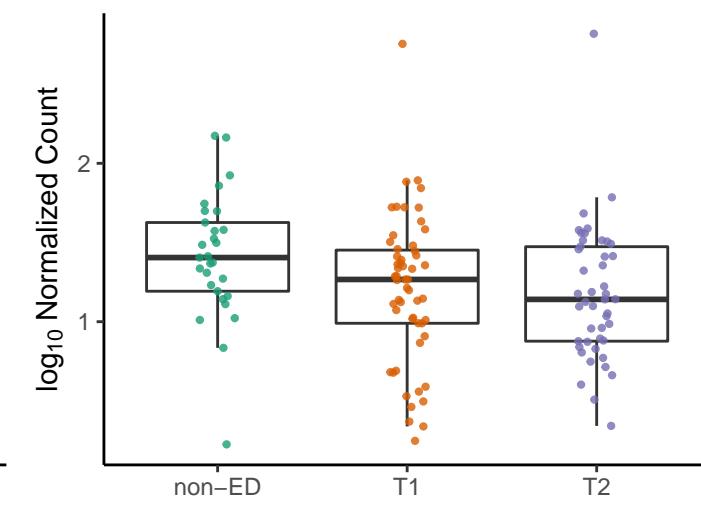
### *Nostoc* sp. NIES-3756

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



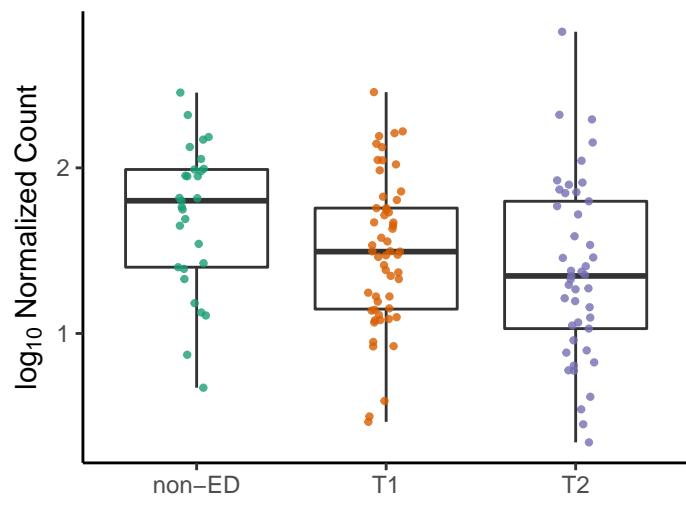
### *Acinetobacter* sp. NCu2D-2

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.85



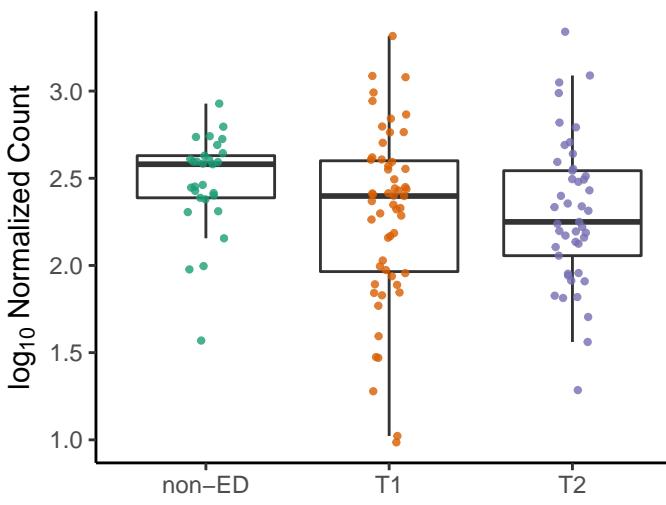
### *Neisseria subflava*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



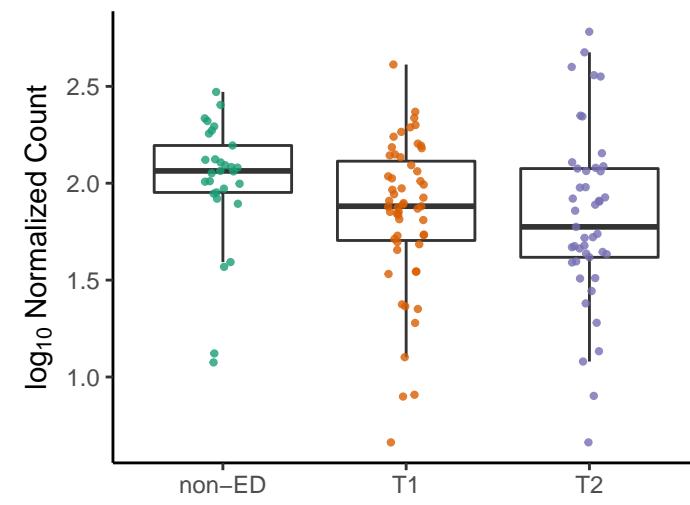
### *Candidatus Desulforudis audaxviator*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.87



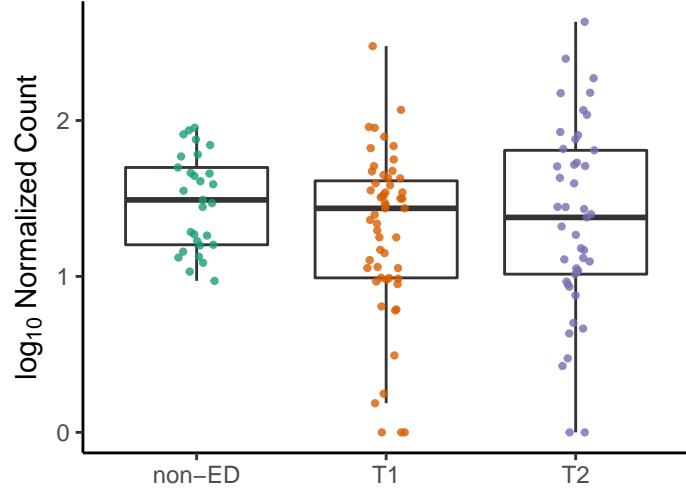
### *Flavobacterium gilvum*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.85



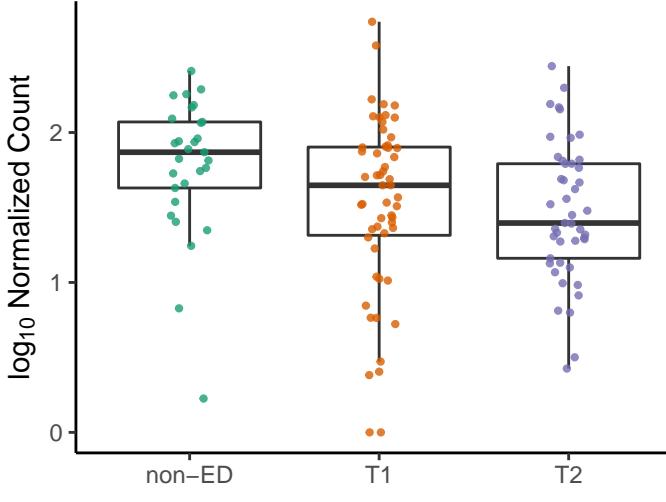
### *Halorubrum sp. BOL3-1*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.85



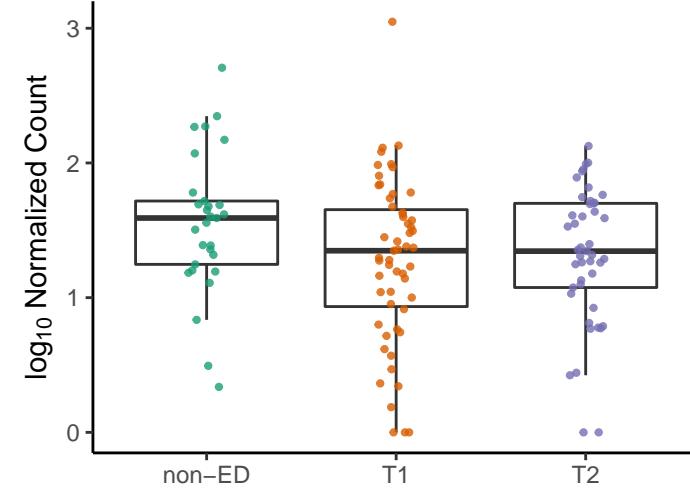
### *Planctomycetes bacterium Pan153*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.92



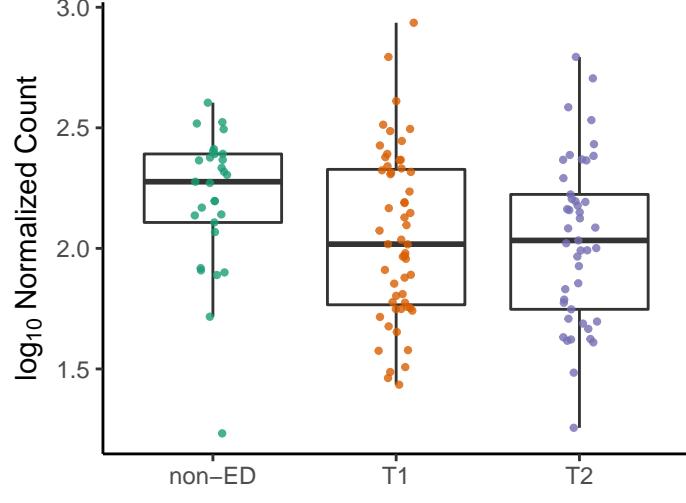
### *Haloferax volcanii*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.86



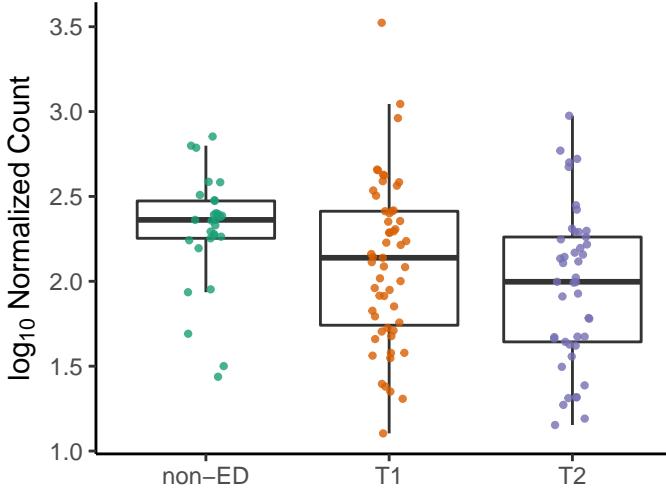
### *Aeribacillus pallidus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.98



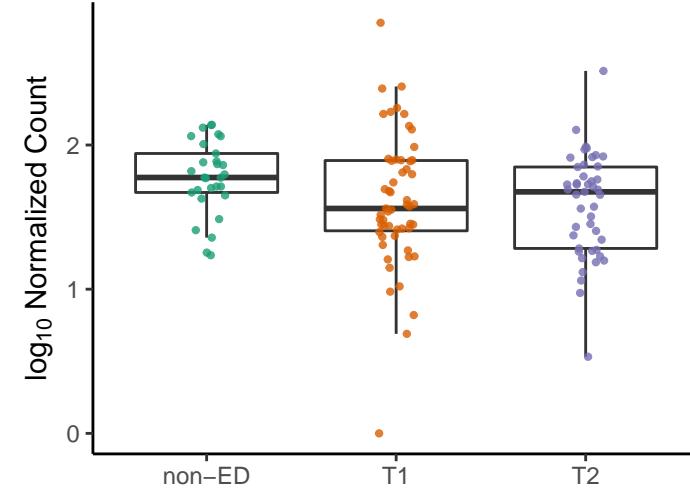
### *Fusobacterium pseudoperiodonticum*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.0067  
 T1 vs. T2 adjusted p = 0.85



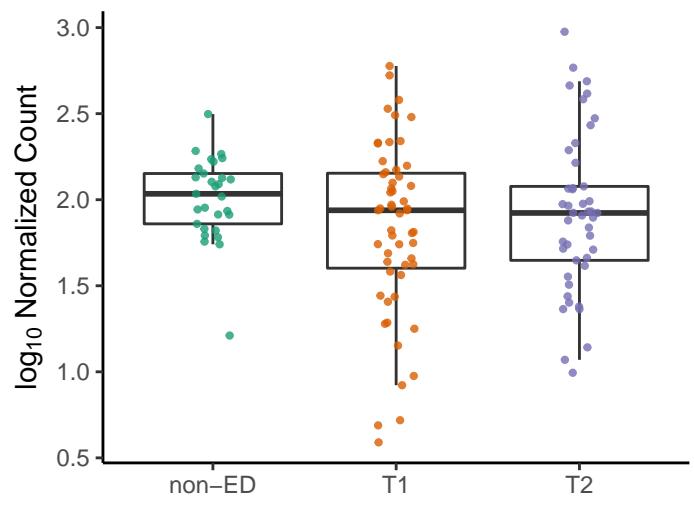
### *Orbus sp. IPMB12*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.97



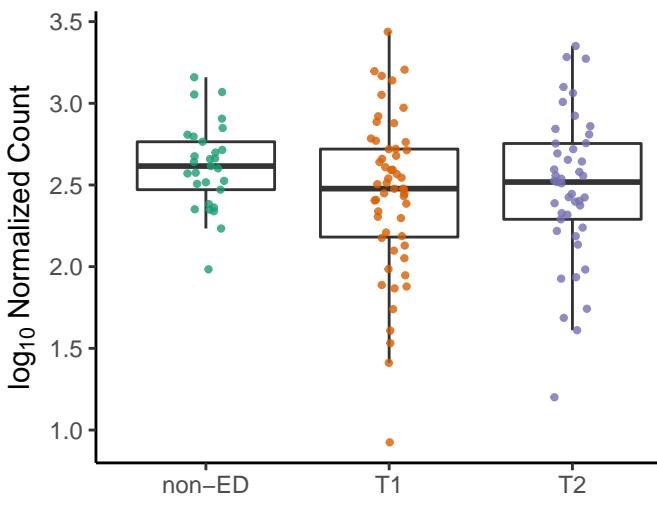
### *Roseomonas gilardii*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.85



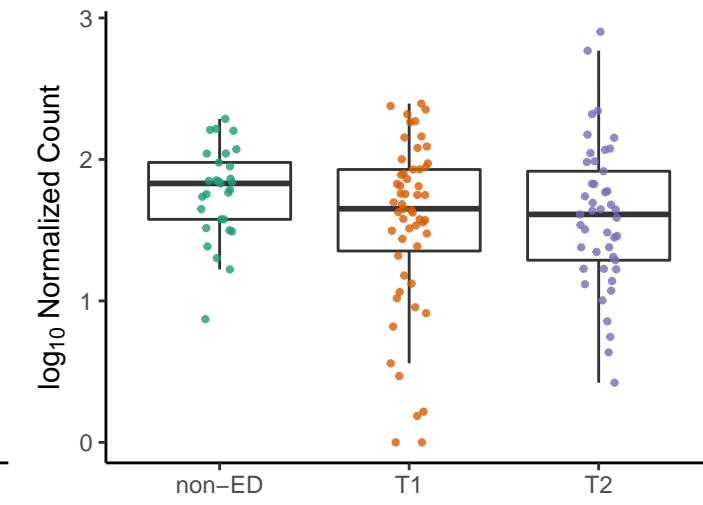
### *Corallococcus coralloides*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



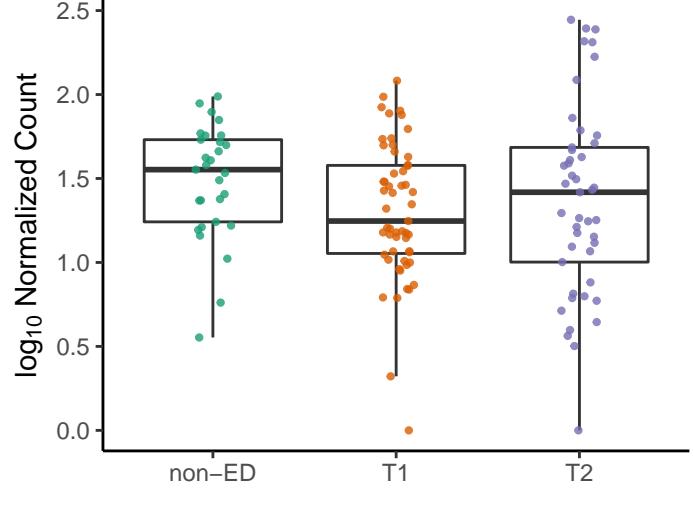
### *Candidatus Methanomethylophilus alvus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



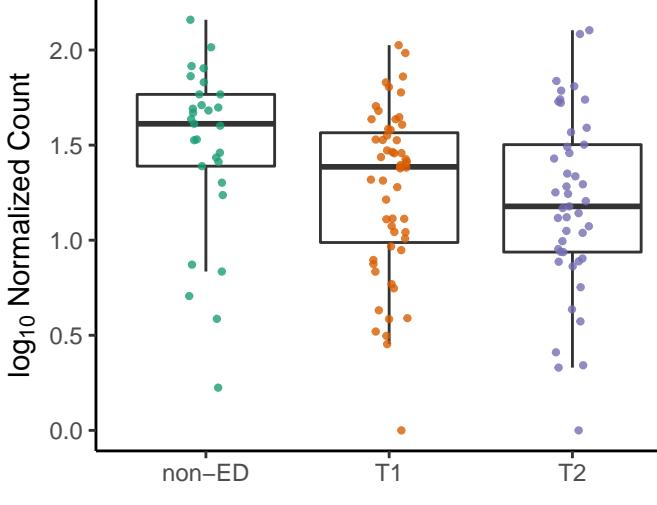
### *Polynucleobacter acidiphobus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.35  
 T1 vs. T2 adjusted p = 0.85



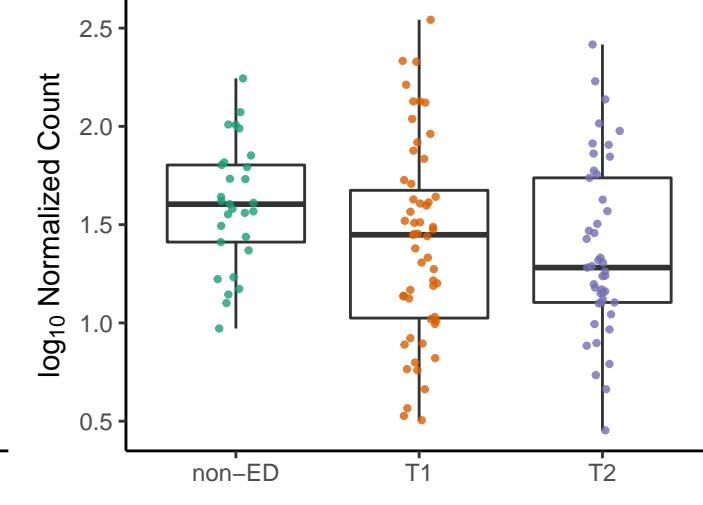
### *Bacillus albus*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



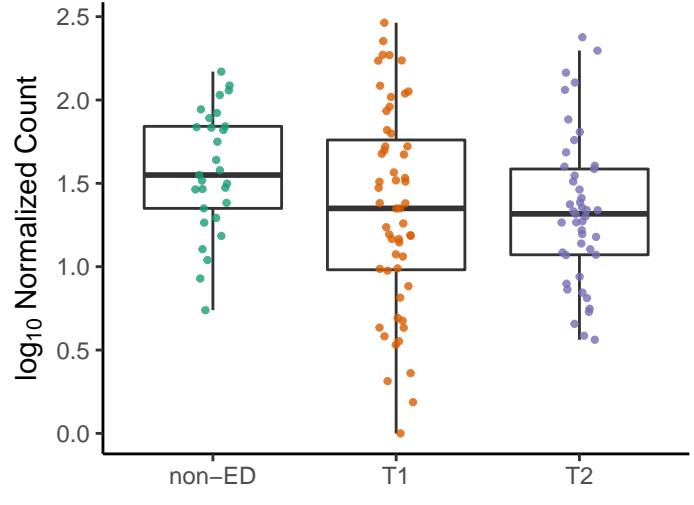
### *Lactobacillus jinshani*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.98



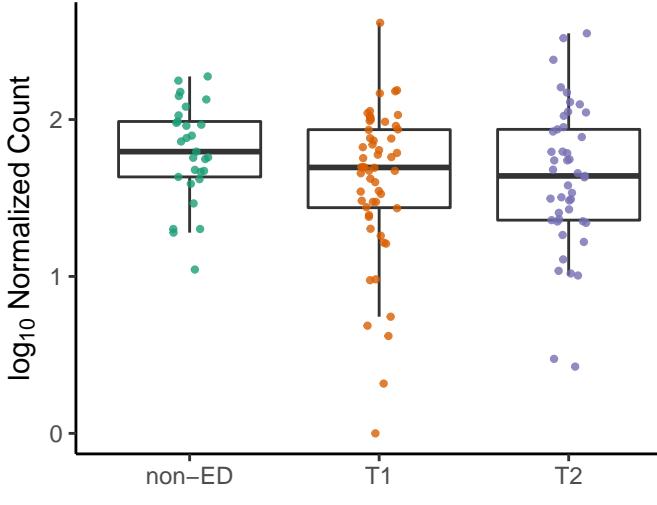
### *Salarchaeum sp. JOR-1*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.98



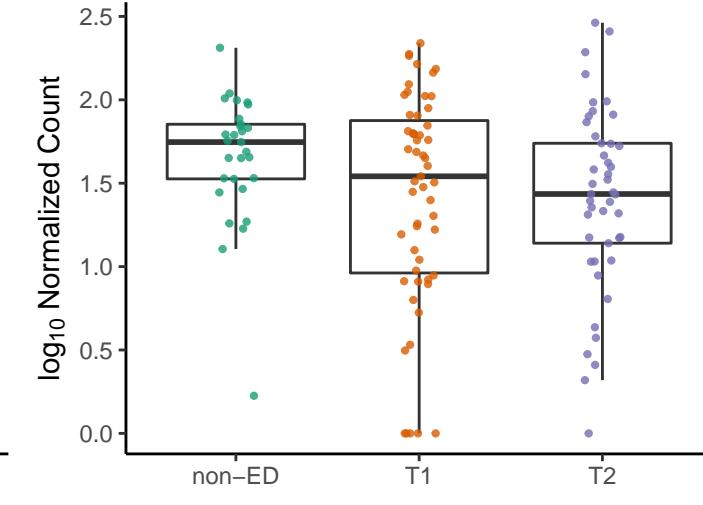
### *Mesorhizobium sp. DCY119*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.91



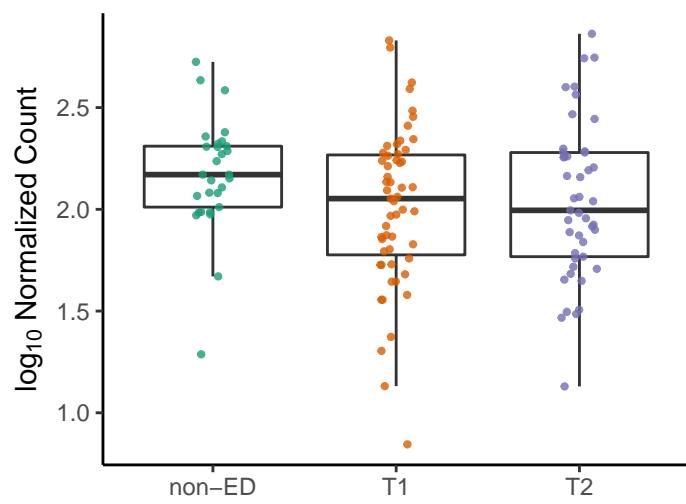
### *Erythrobacter sp. HKB08*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.94



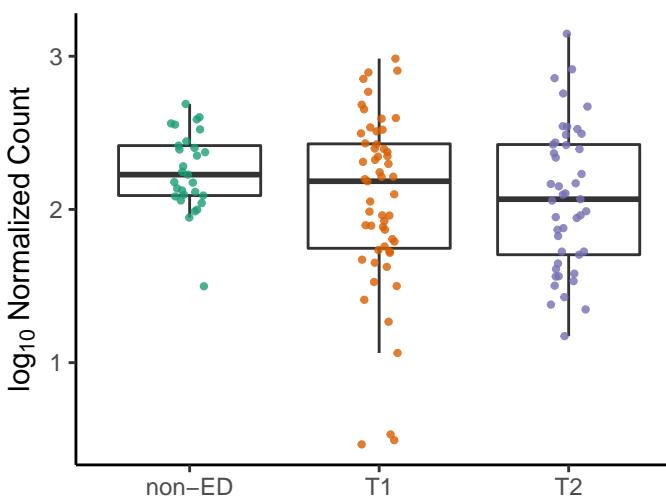
### *Desulfovibrio hydrothermalis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.9



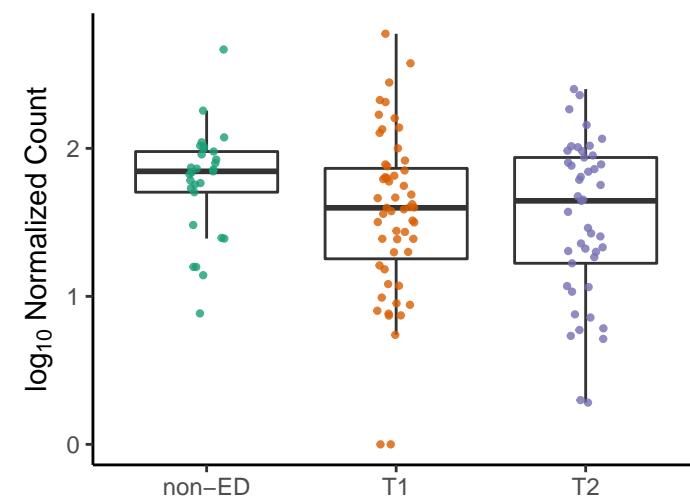
### Unclassified Delftia Genus

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.96



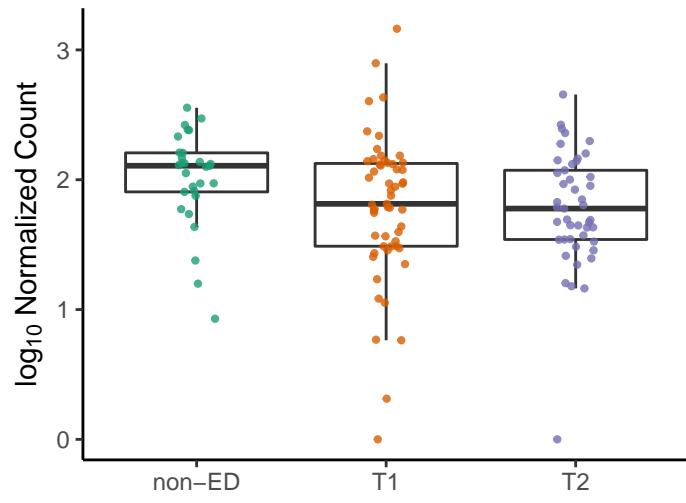
### *Streptomyces* sp. RPA4-5

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.98



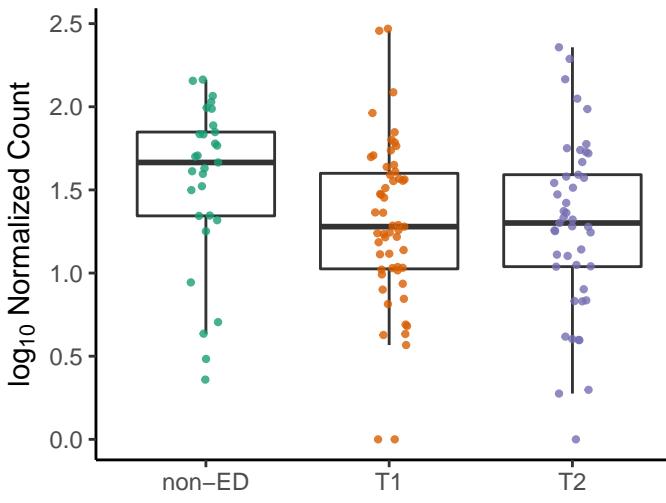
### *Aromatoleum aromaticum*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



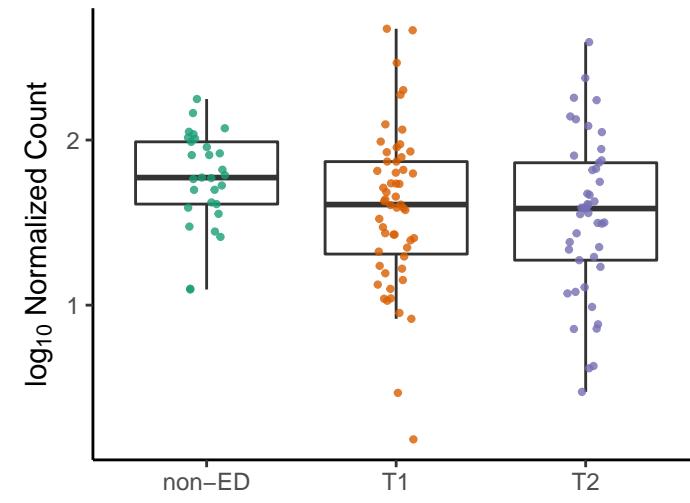
### *Pectobacterium wasabiae*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.9



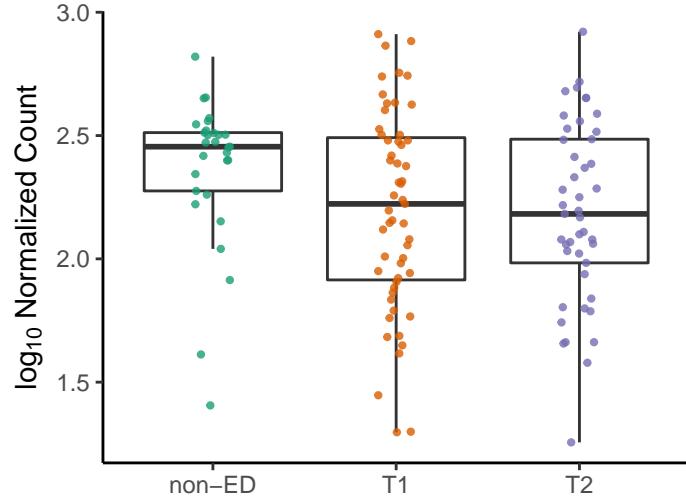
### *Permianibacter aggregans*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.89



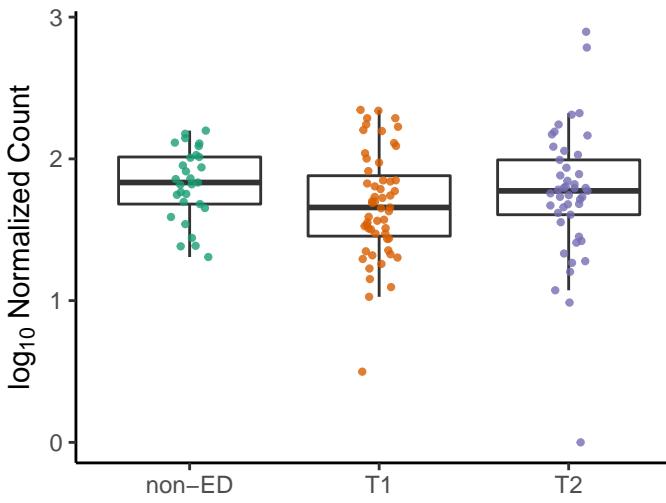
### *Acetoanaerobium sticklandii*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.94



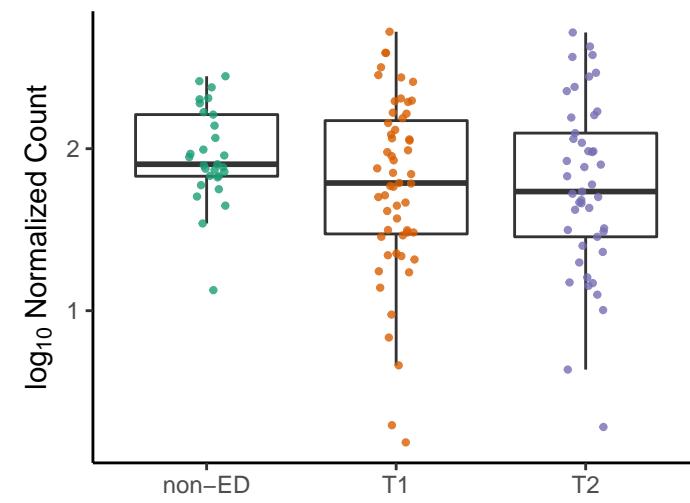
### *Hahella chejuensis*

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.47  
 T1 vs. T2 adjusted p = 0.85



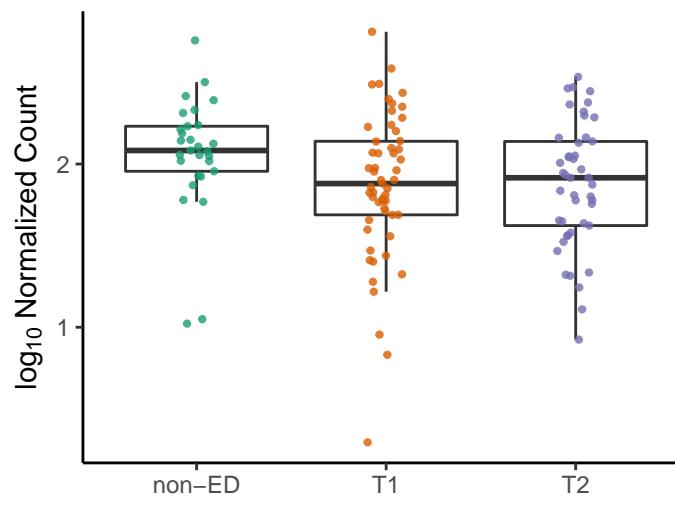
### *Magnetospirillum* sp. ME-1

non-ED vs. T1 adjusted p = 0.063  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.91



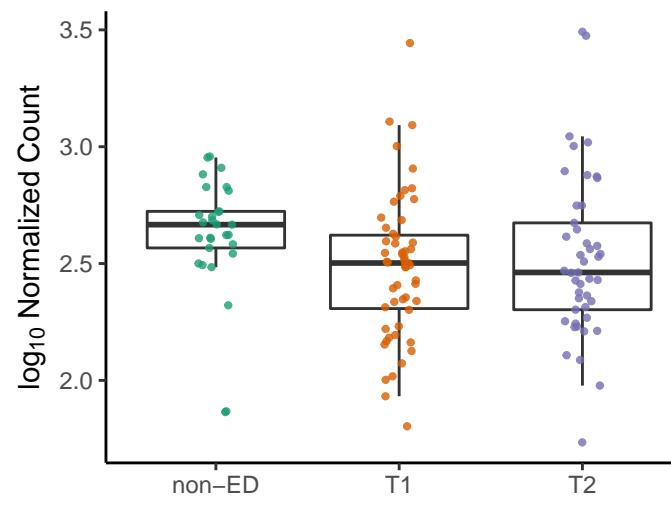
### Jannaschia sp. CCS1

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.92



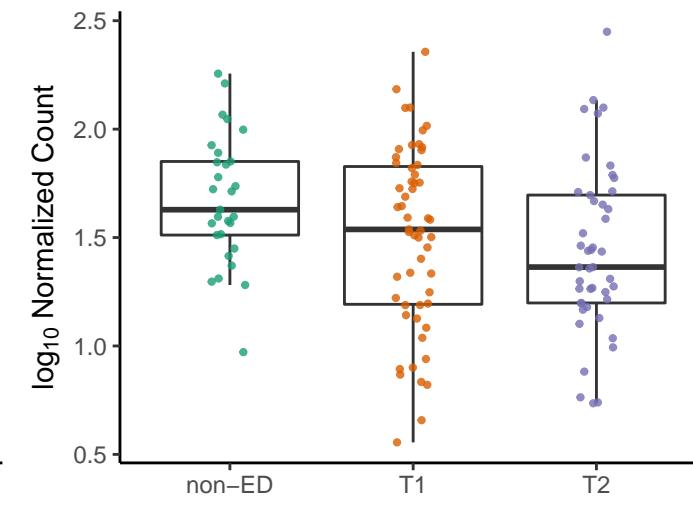
### Bacillus coagulans

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.85



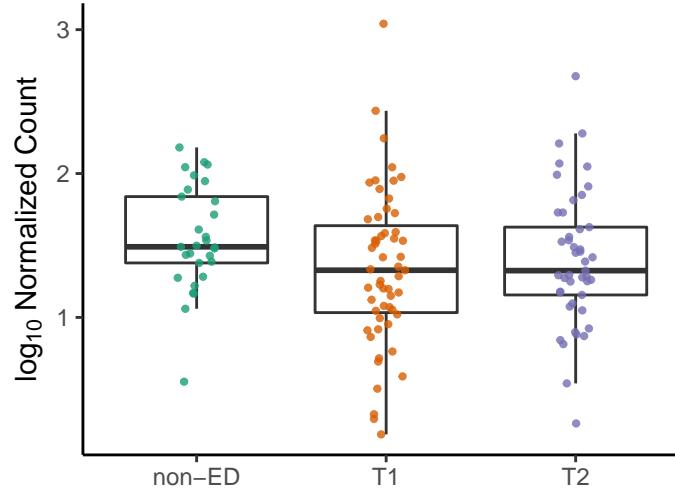
### Rheinheimera sp. LHK132

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



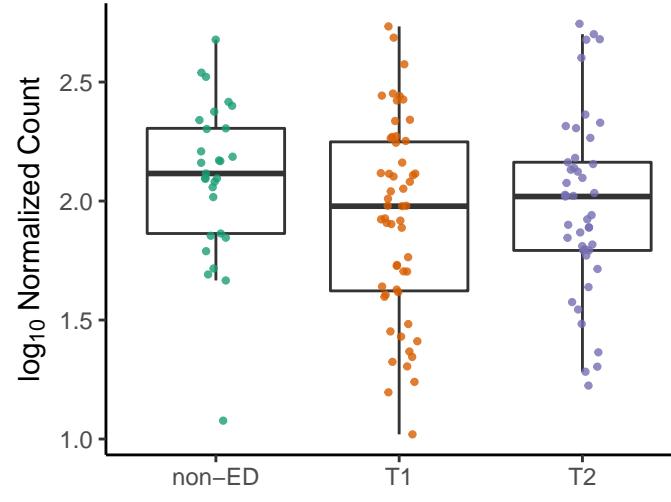
### Unclassified Euryarchaeota Phylum

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



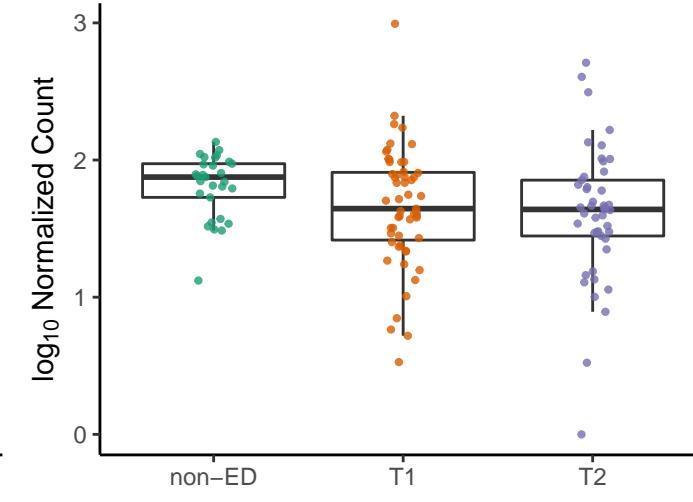
### Bacillus gobiensis

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.85



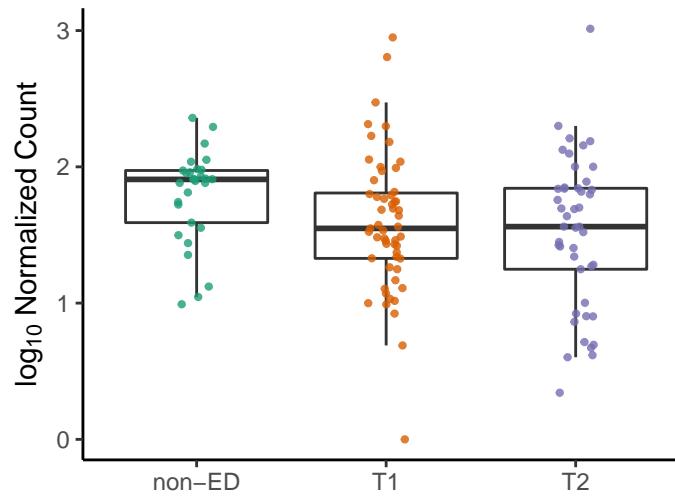
### Thioploca ingrica

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.86



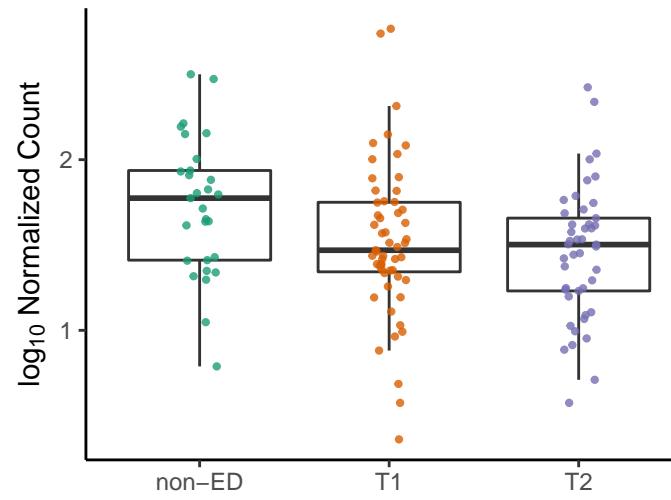
### Lactobacillus crustorum

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



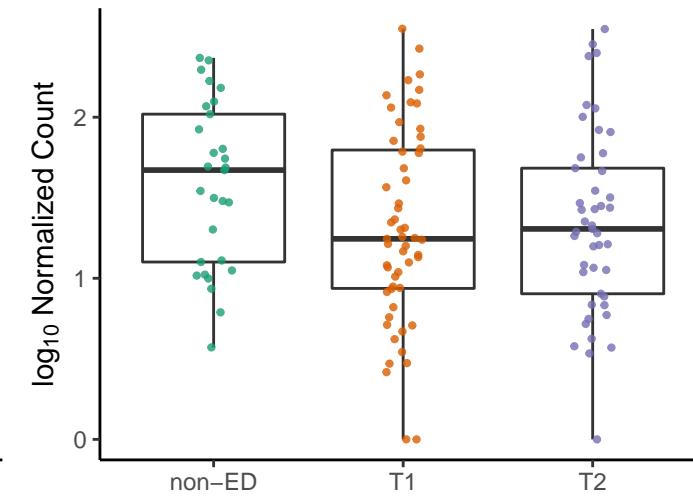
### Chroococcidiopsis thermalis

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



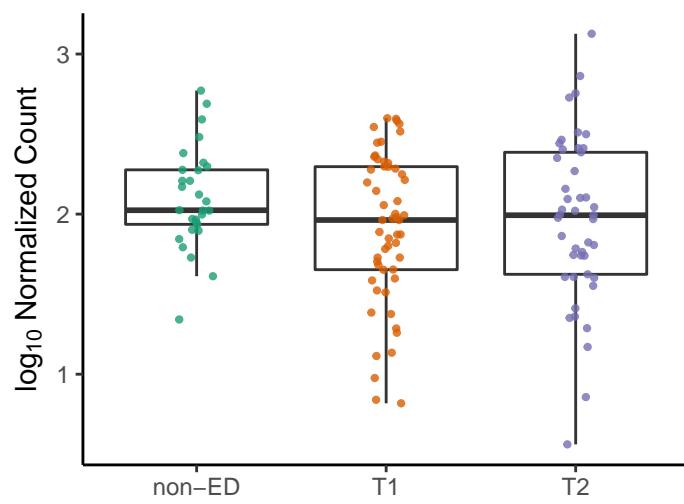
### Unclassified Tenericutes Phylum

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.97



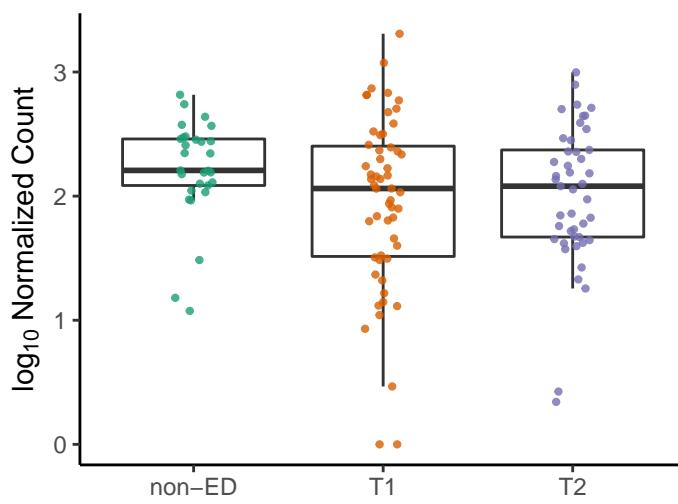
### Achromobacter sp. MFA1 R4

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.86



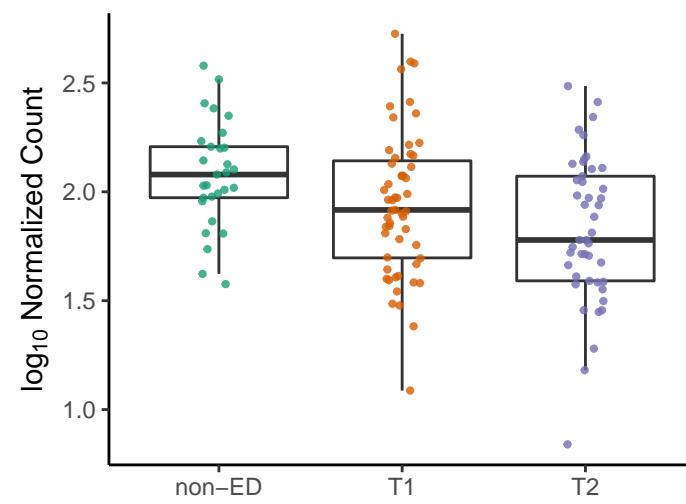
### Unclassified Clostridiales Family XIII. Inc

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.98



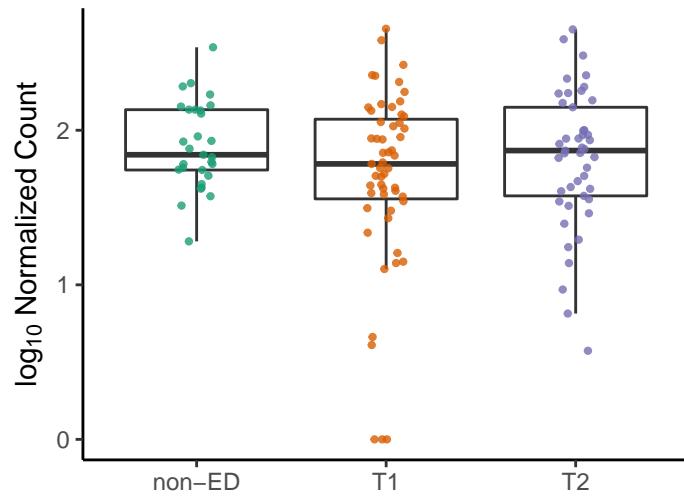
### Aspergillus fumigatus

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.0055  
T1 vs. T2 adjusted p = 0.85



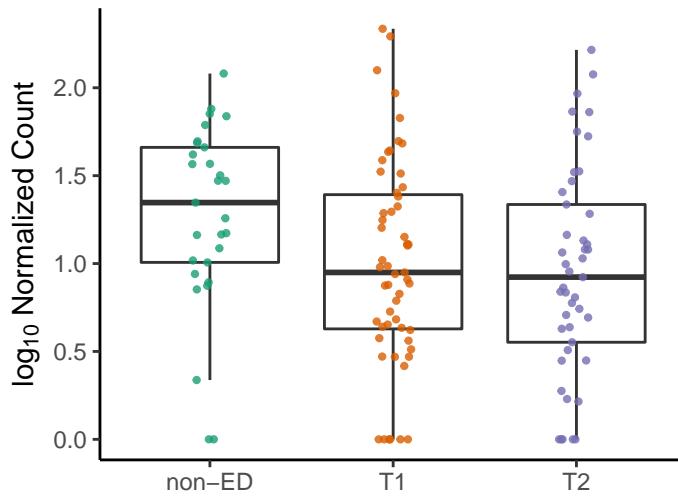
### Aeromonas encheleia

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.85



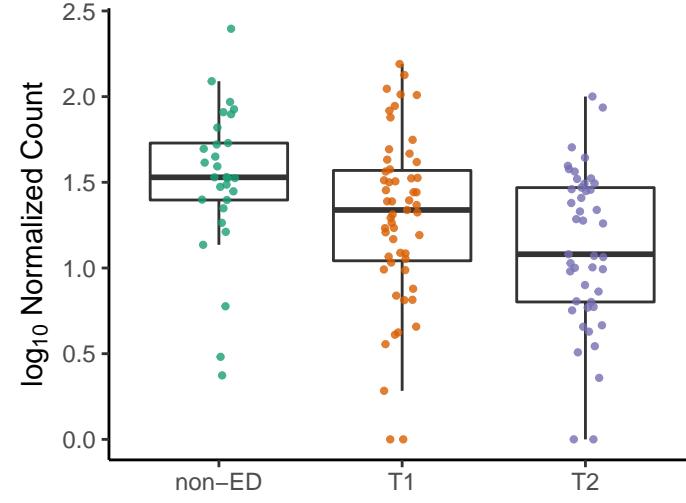
### Mycoplasma struthionis

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.86



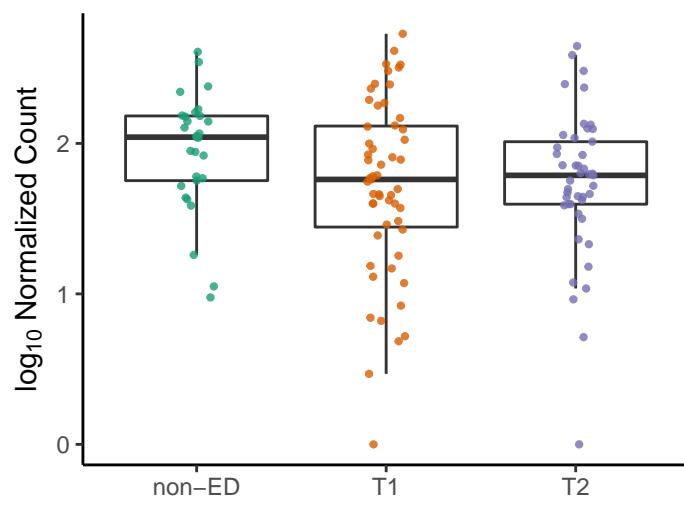
### Legionella waltersii

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.006  
T1 vs. T2 adjusted p = 0.85



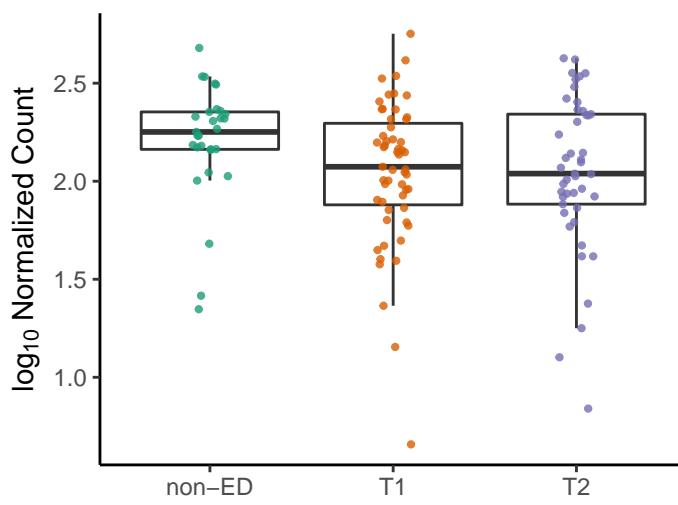
### Micromonospora sp. B006

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.87



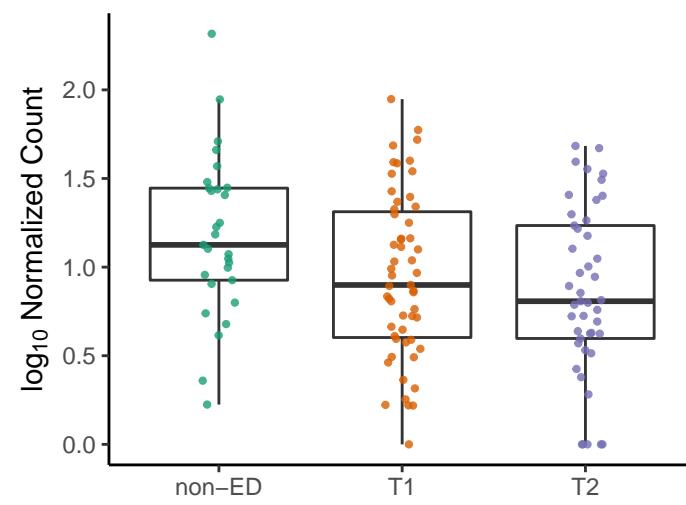
### Listeria weihenstephanensis

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.088  
T1 vs. T2 adjusted p = 0.99



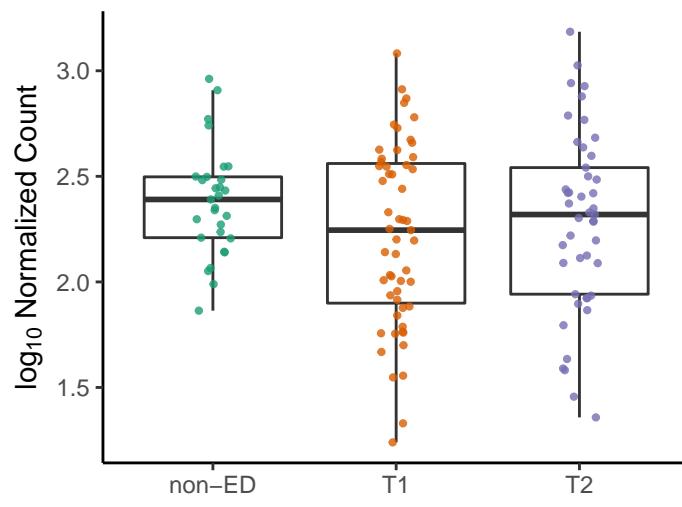
### Acinetobacter sp. WCHA55

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



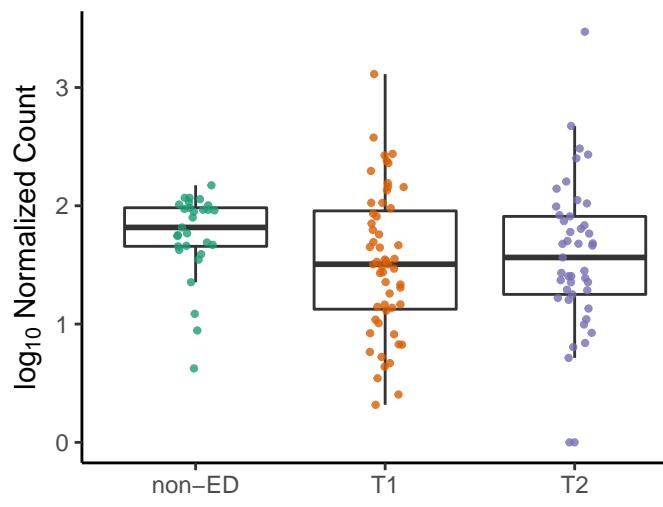
### *Burkholderia gladioli*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



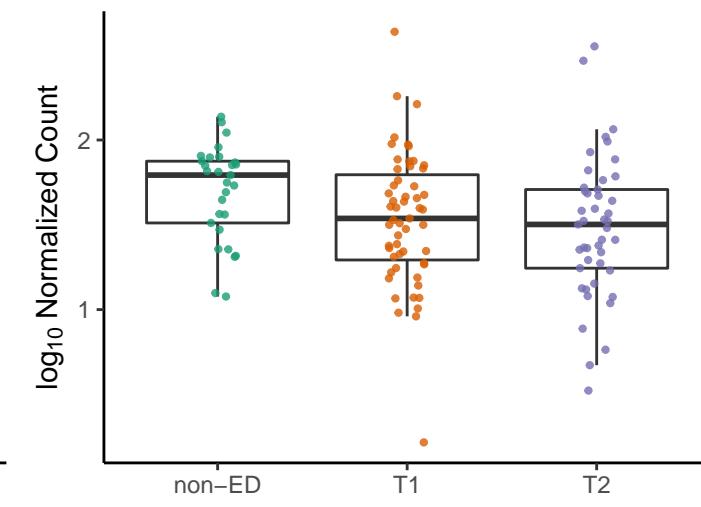
### *Moraxella bovis*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.99



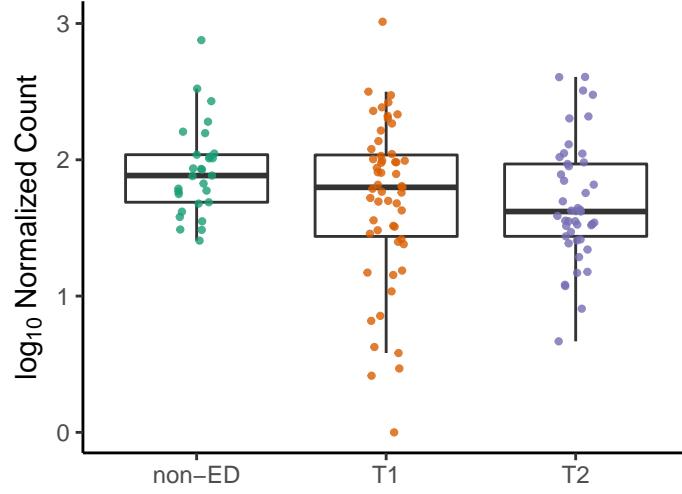
### *Nostoc sp. PCC 7524*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.98



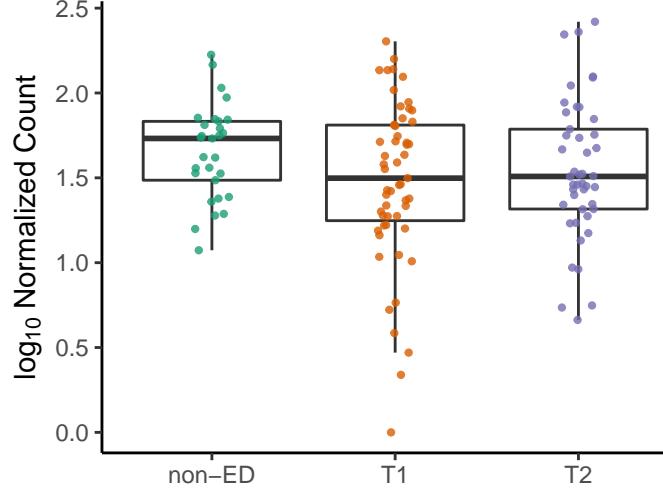
### *Pseudomonas cremoricolorata*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.99



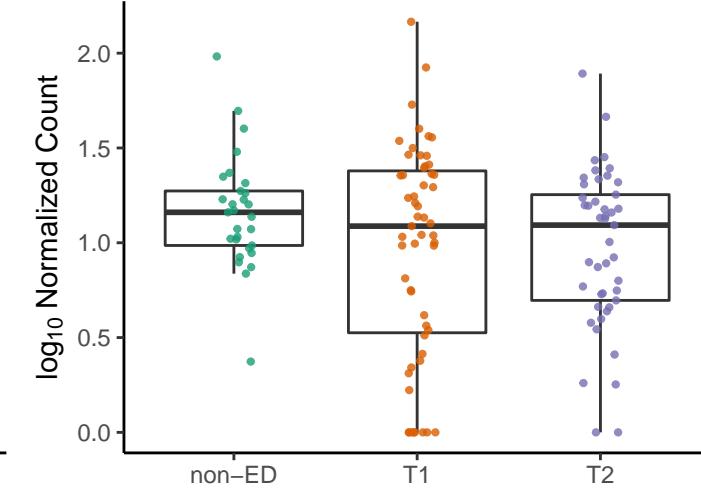
### *Vibrio alfacensis*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.91



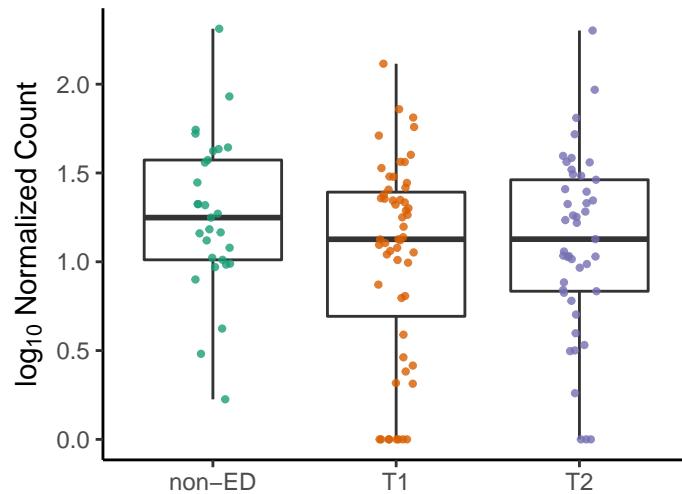
### *Pseudomonas sp. J380*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.98



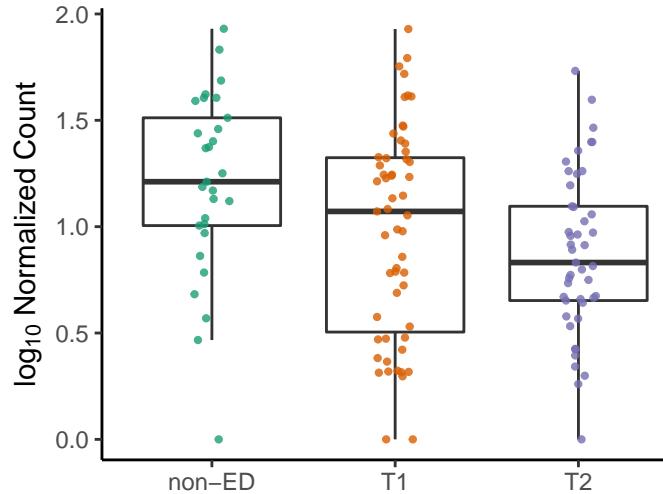
### *Leptospirillum ferriphilum*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



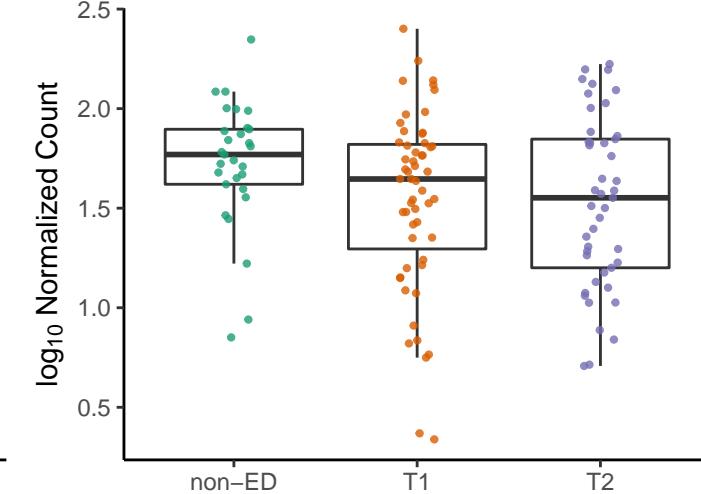
### *Aciduliprofundum boonei*

non-ED vs. T1 adjusted p = 0.064  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.87



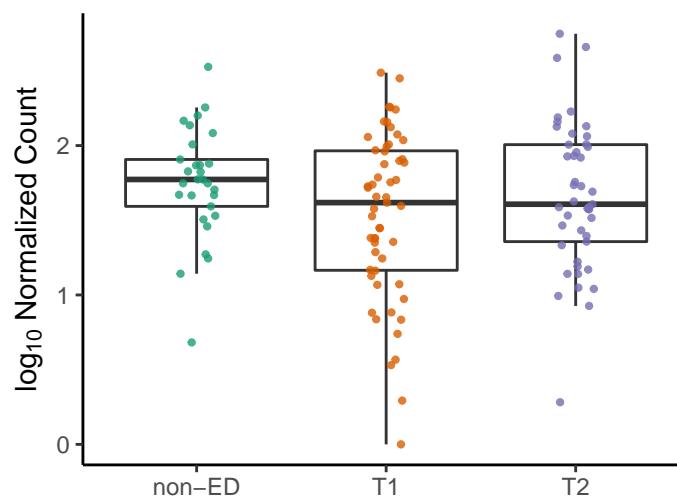
### *Formosa sediminum*

non-ED vs. T1 adjusted p = 0.065  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.91



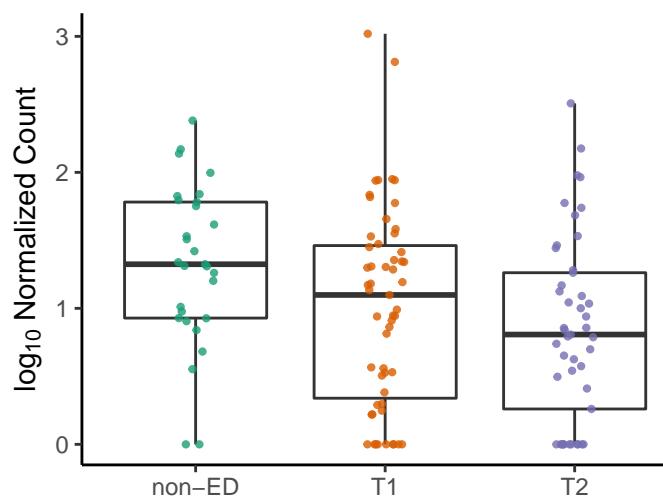
### Unclassified Blastomonas Genus

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.45  
T1 vs. T2 adjusted p = 0.85



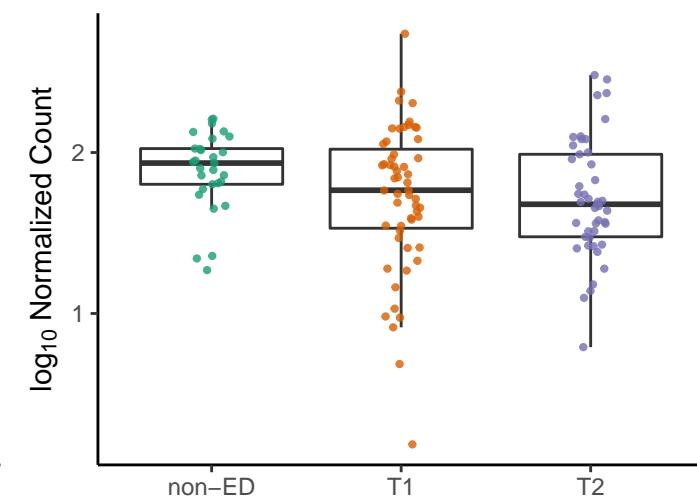
### Unclassified Christensenella Genus

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



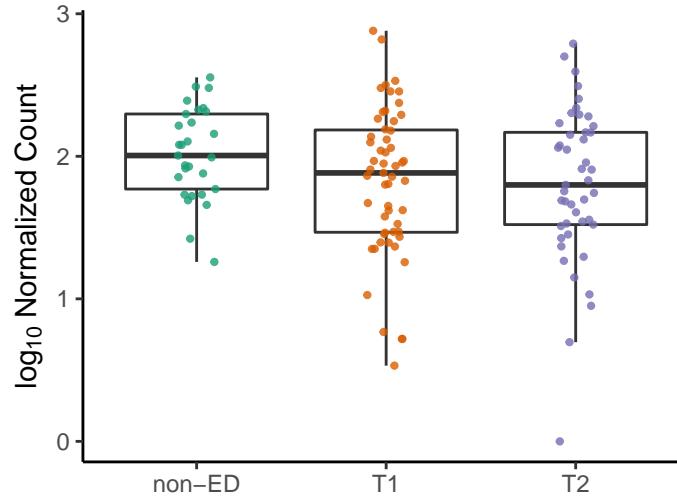
### Bremerella volcania

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.87



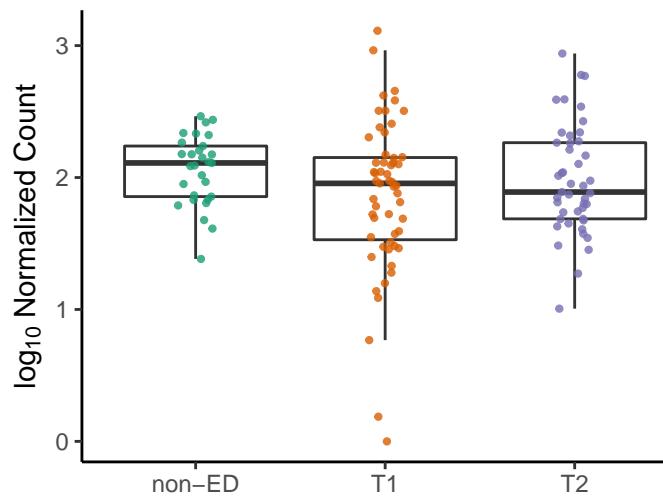
### Streptomyces vietnamensis

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.98



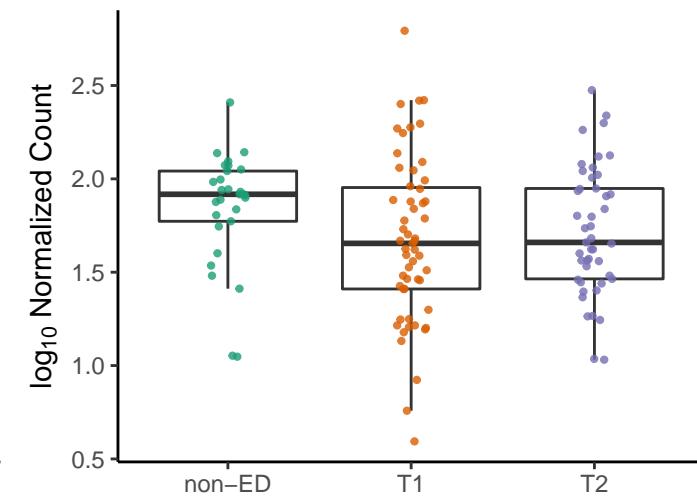
### Deinococcus sp. NW-56

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.85



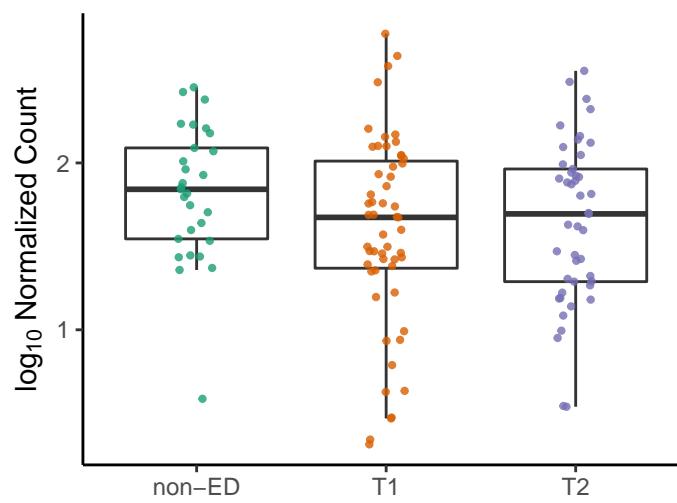
### Naumovozyma castellii

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.86



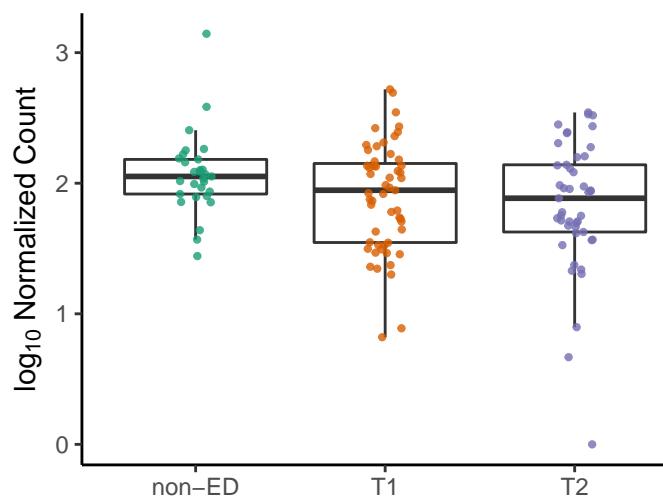
### Parvibaculum lavamentivorans

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



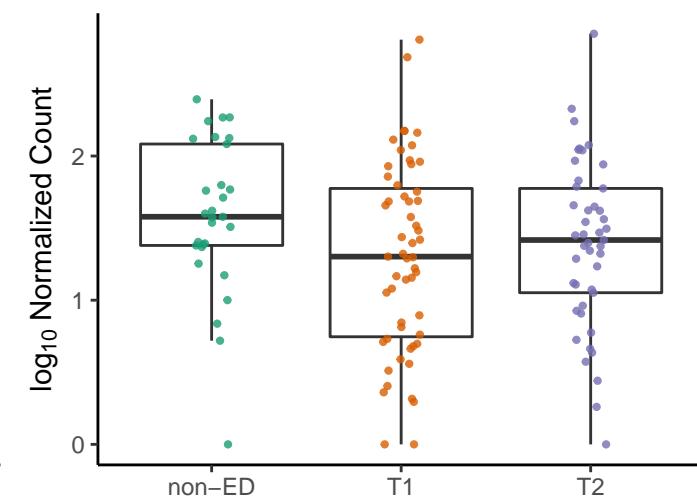
### Unclassified Alcanivorax Genus

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.93



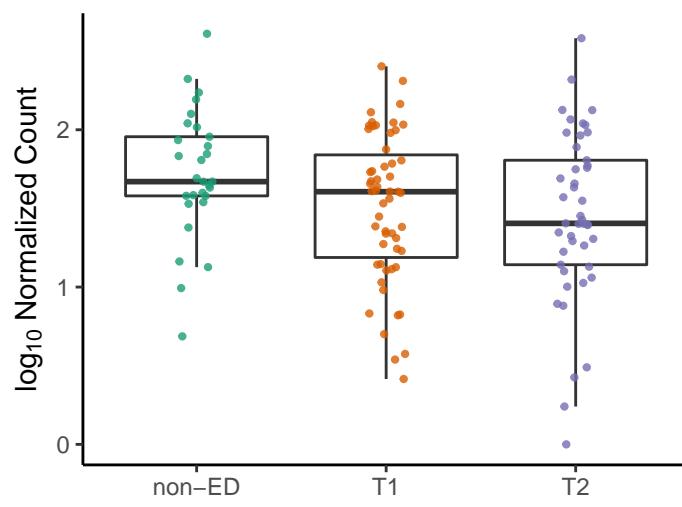
### Halorhabdus tiamatea

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



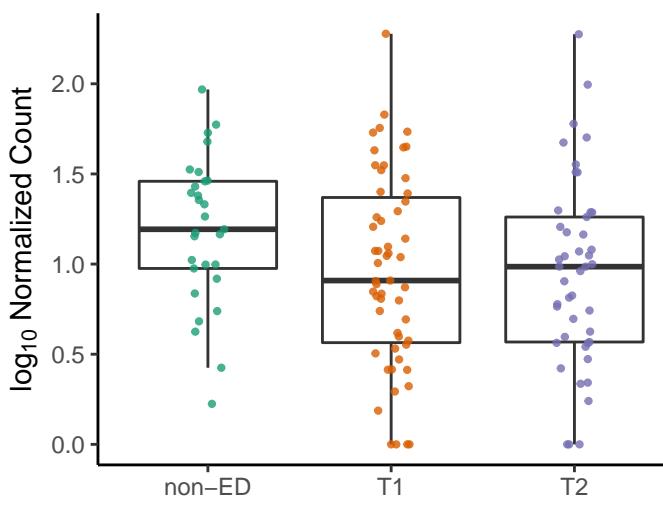
### Unclassified Actinobacillus Genus

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.91



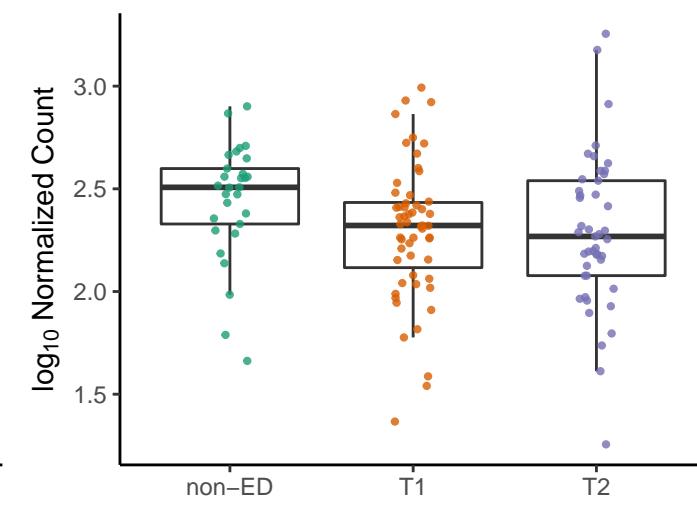
### Hydrogenobaculum sp. Y04AAS1

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.95



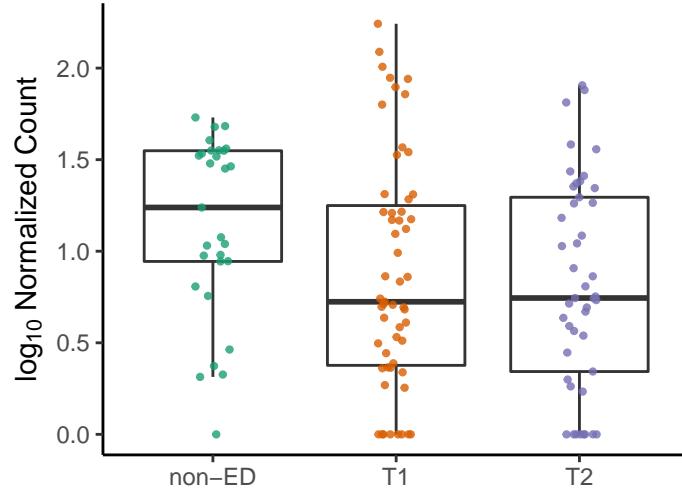
### Paenibacillus latus

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.98



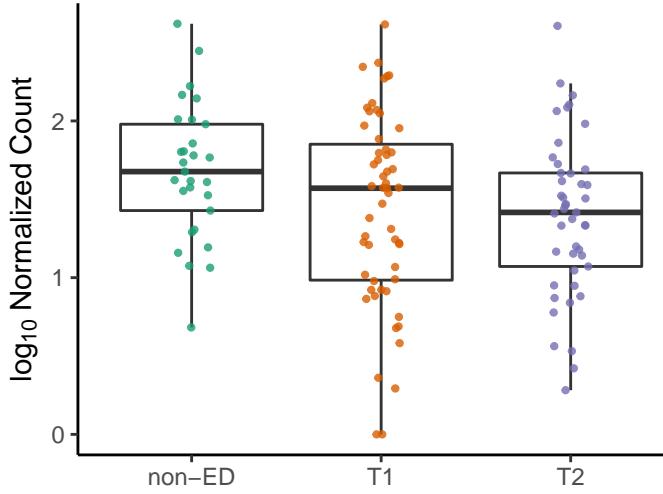
### Pseudomonas mosselii

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.98



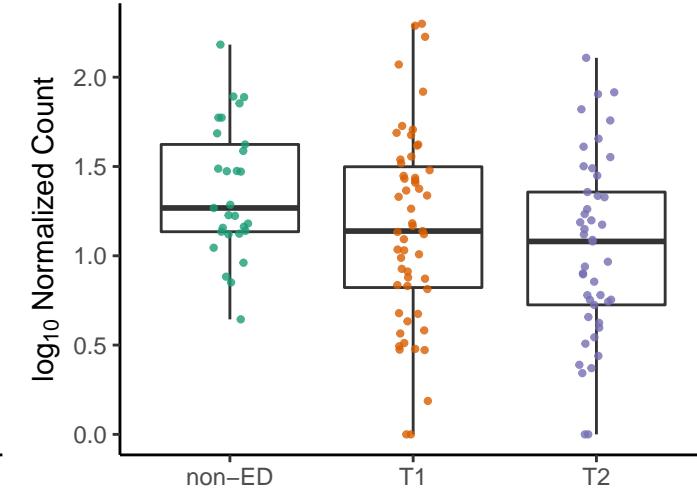
### Rhizobium daejeonense

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.95



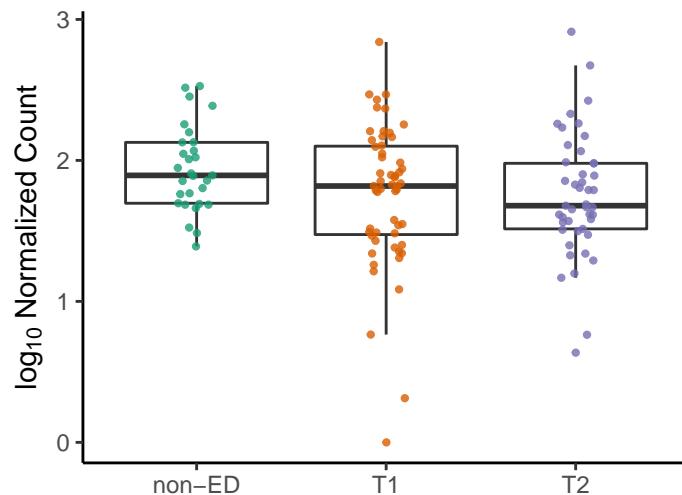
### Acetobacter tropicalis

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.85



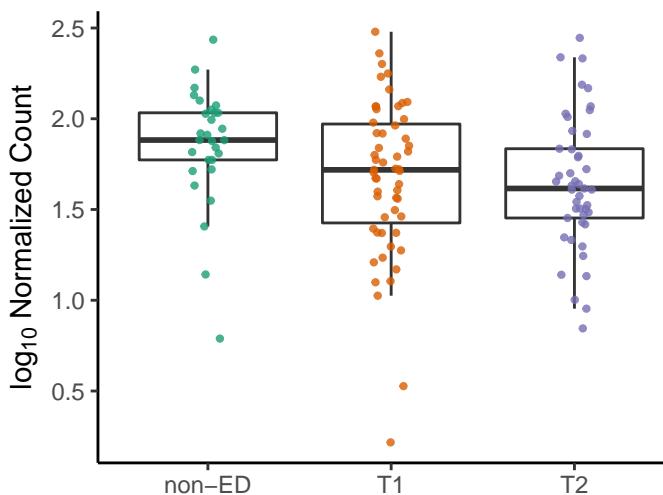
### Halomonas sp. Y2R2

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.93



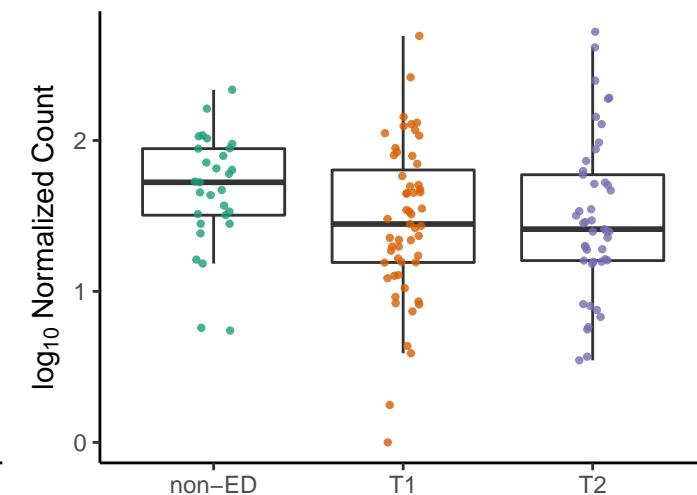
### [Brevibacterium] frigoritolerans

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.88



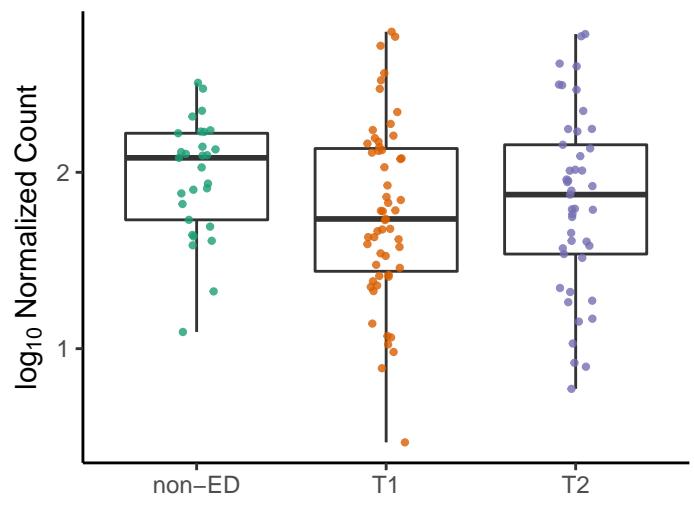
### Fervidobacterium nodosum

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.98



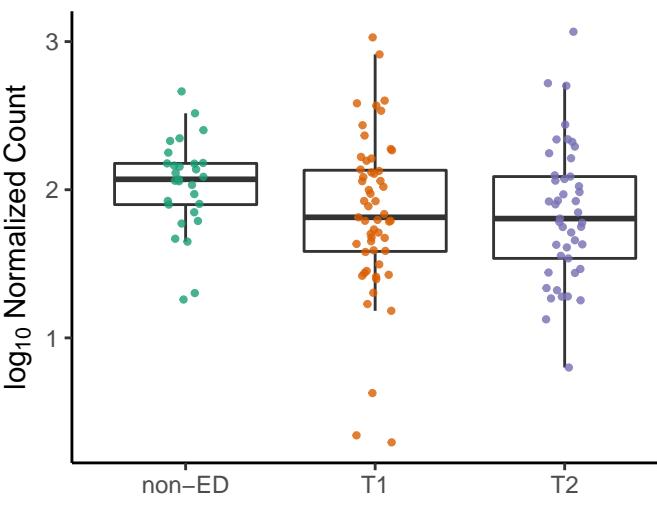
### *Microbacterium* sp. No. 7

non-ED vs. T1 adjusted p = 0.065  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.87



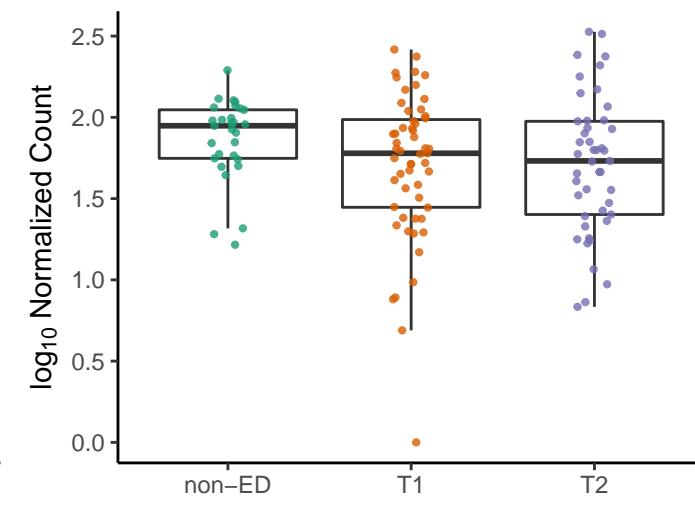
### *Cupriavidus gilardii*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.065  
 T1 vs. T2 adjusted p = 0.91



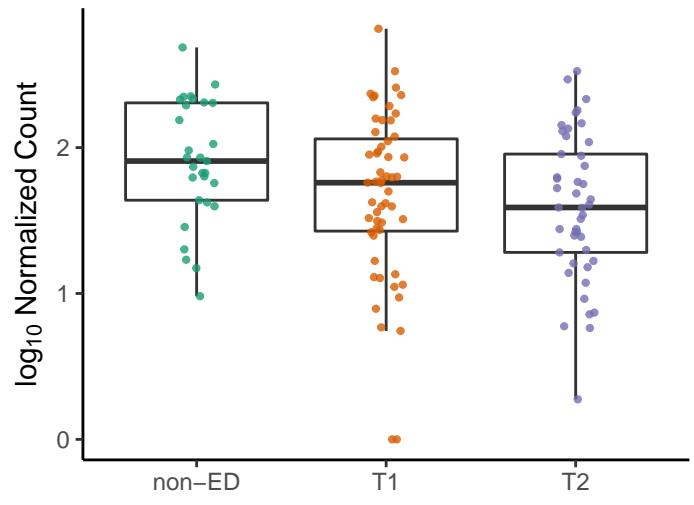
### *Marinobacter* sp. NP-4(2019)

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.91



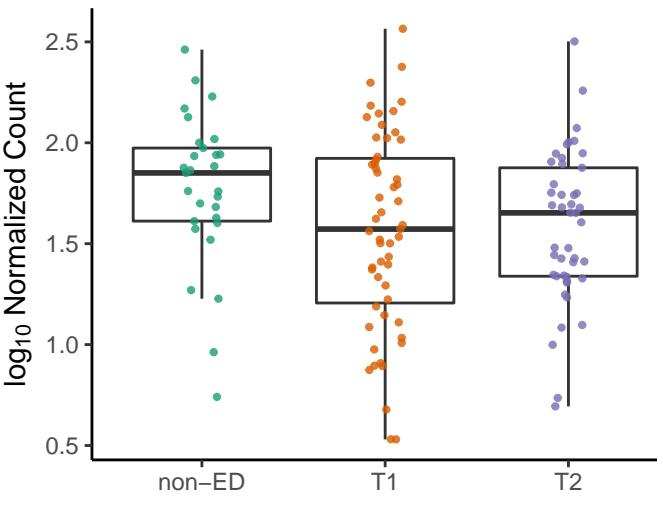
### *Serinicoccus chungangensis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.95



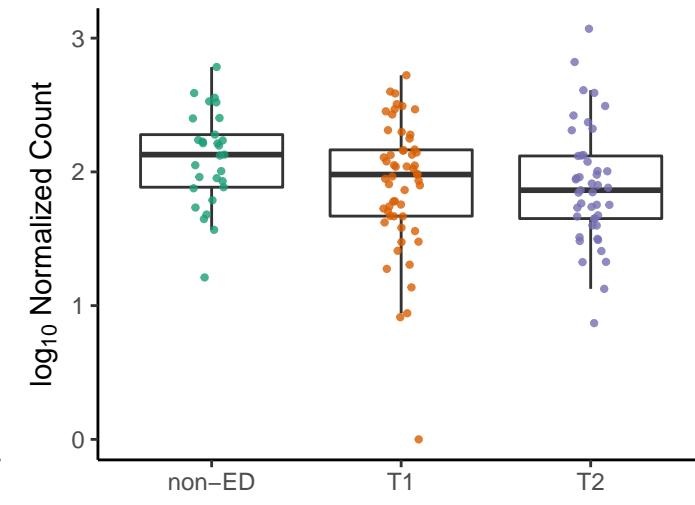
### *Mycoplasma capricolum*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.99



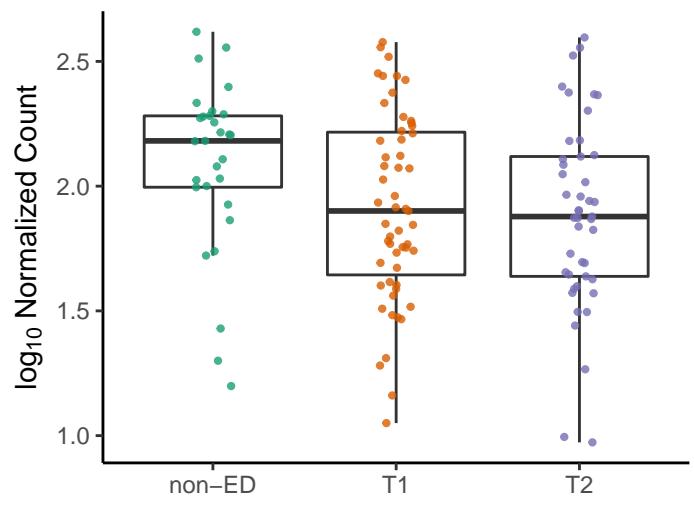
### Unclassified *Brevibacterium* Genus

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.98



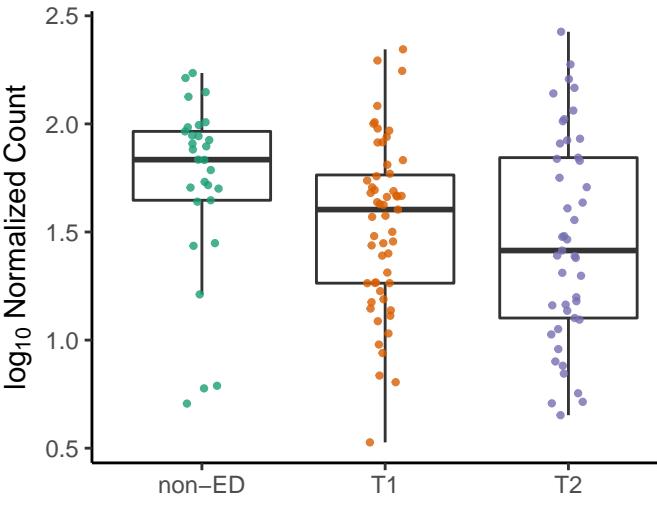
### *Rummeliibacillus stabekisii*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.97



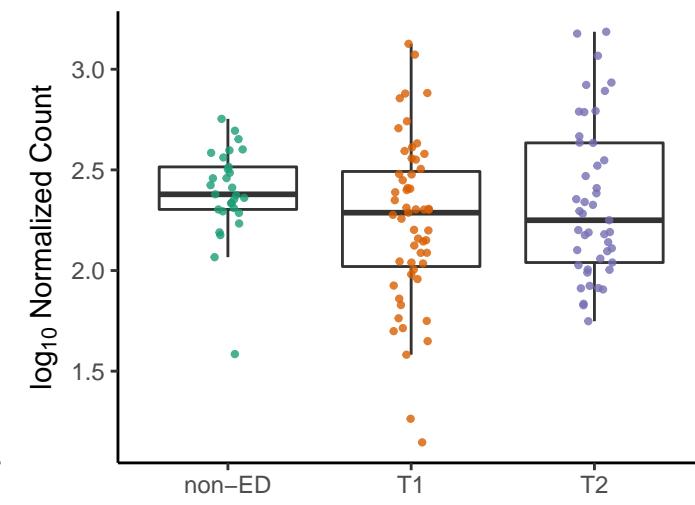
### *Lacinutrix venerupis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



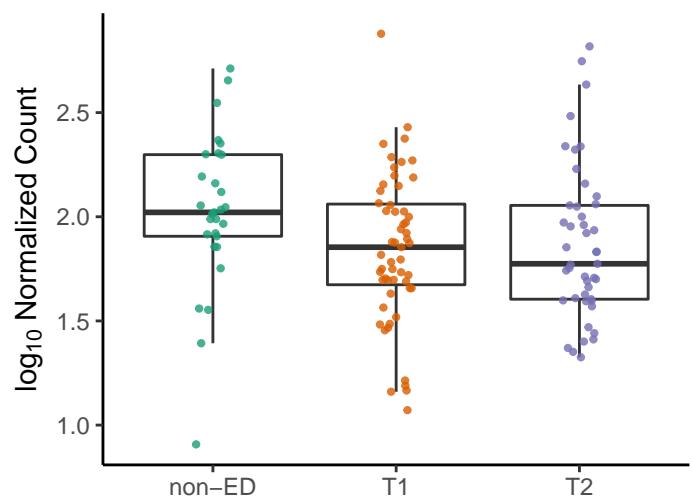
### *Bacillus oceanisediminis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.52  
 T1 vs. T2 adjusted p = 0.85



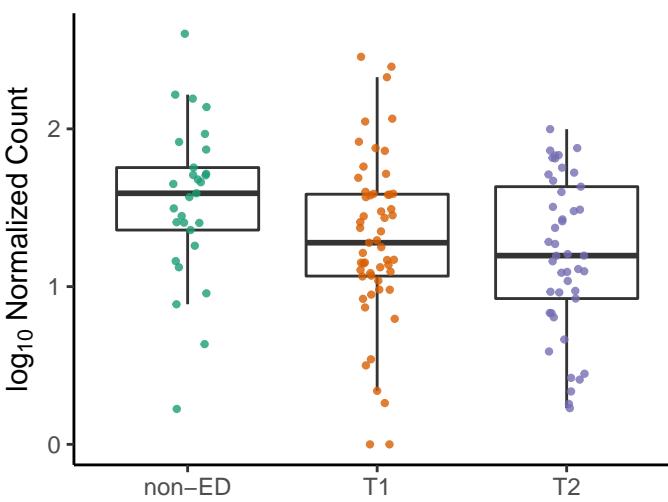
### *Kurthia zopfii*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.94



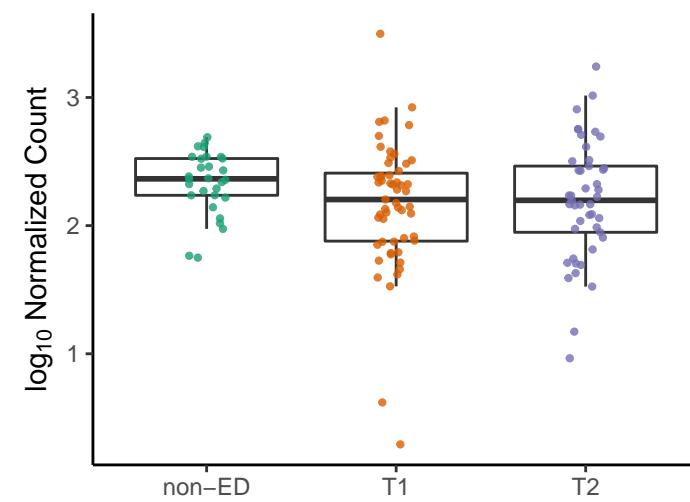
### *Mycoplasma iowae*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



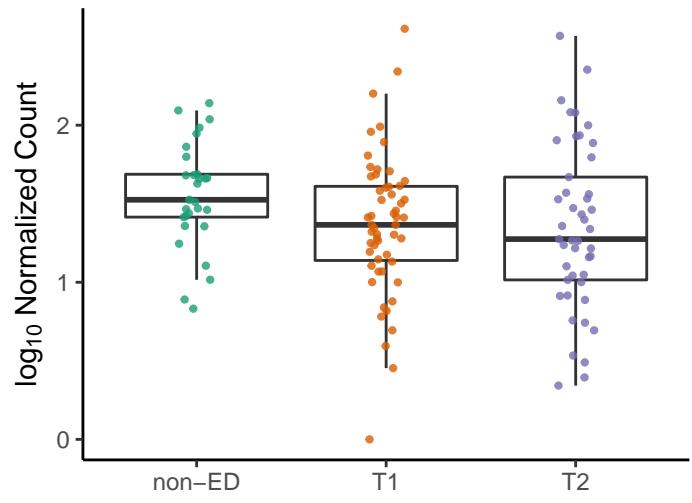
### *Amycolatopsis mediterranei*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.87



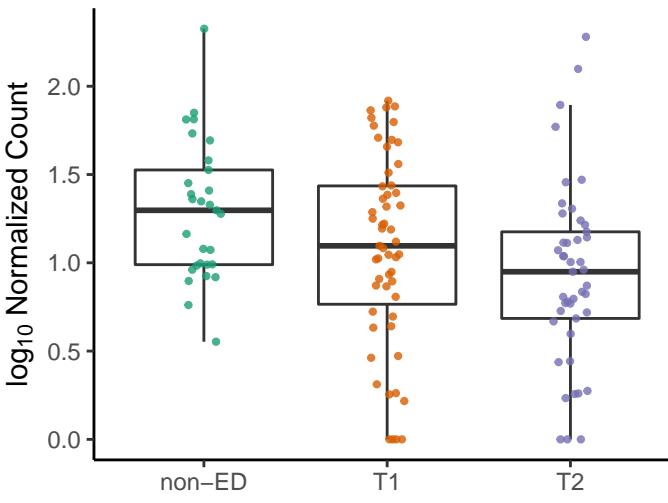
### *Litorilituus sediminis*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.98



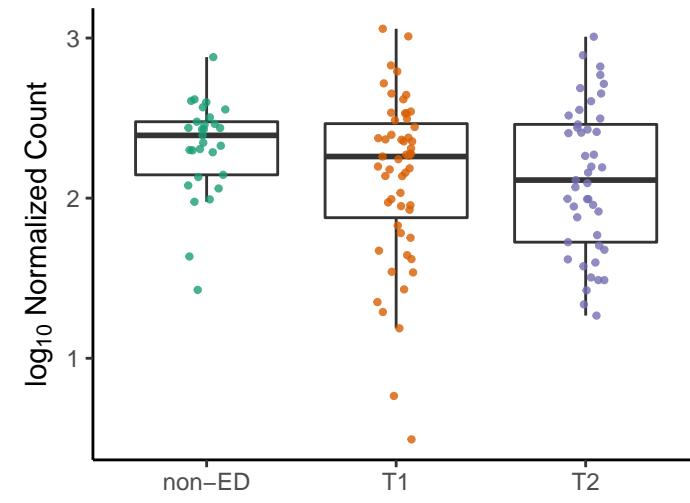
### TM7 phylum sp. oral taxon 488

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



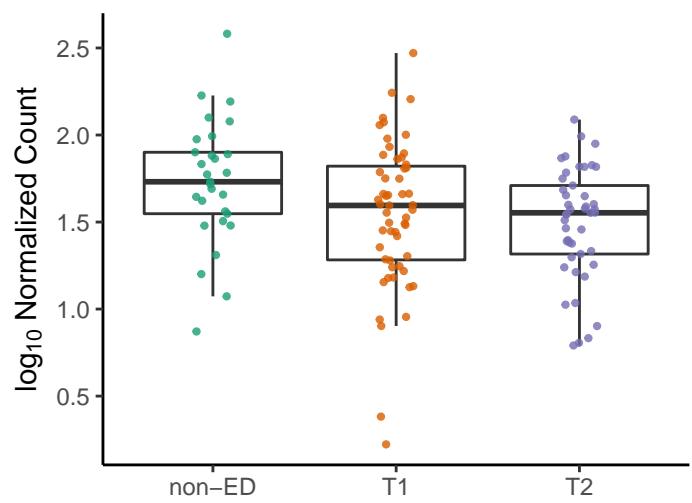
### *Desulfocurvibacter africanus*

non-ED vs. T1 adjusted p = 0.066  
 non-ED vs. T2 adjusted p = 0.061  
 T1 vs. T2 adjusted p = 0.96



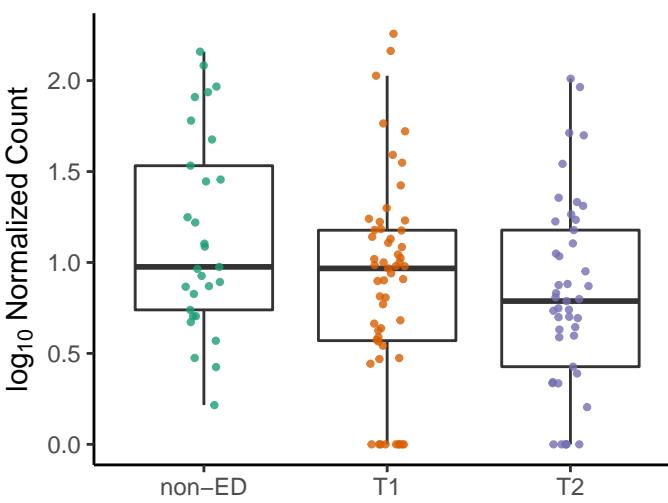
### *Thiomicrosrhabdus* sp. G1

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.97



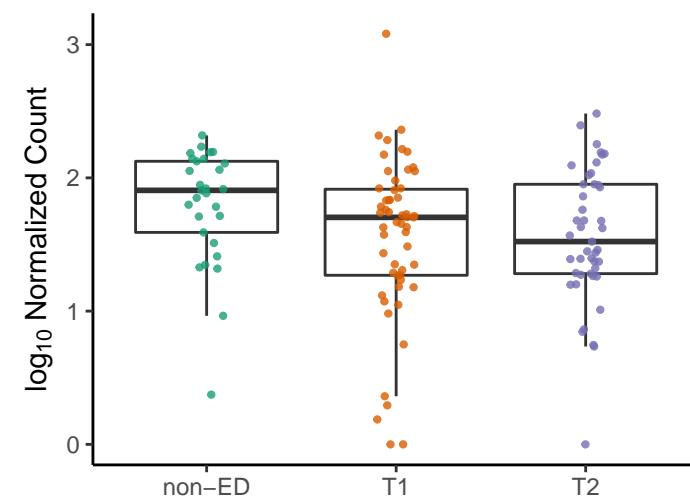
### Unclassified Entomoplasmatales Order

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



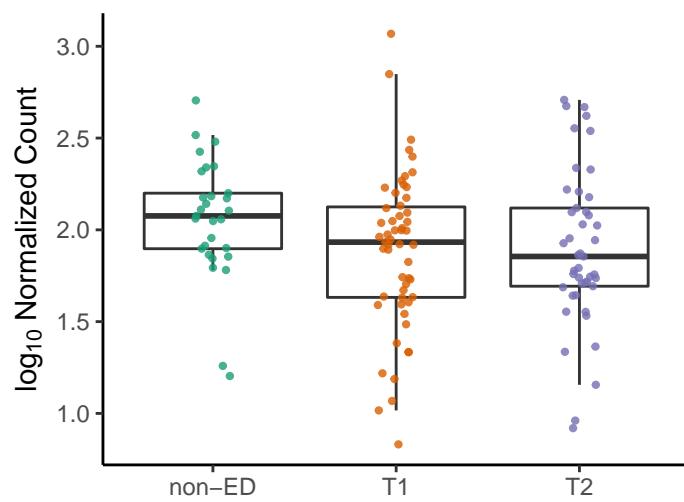
### Unclassified Herbaspirillum Genus

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 1



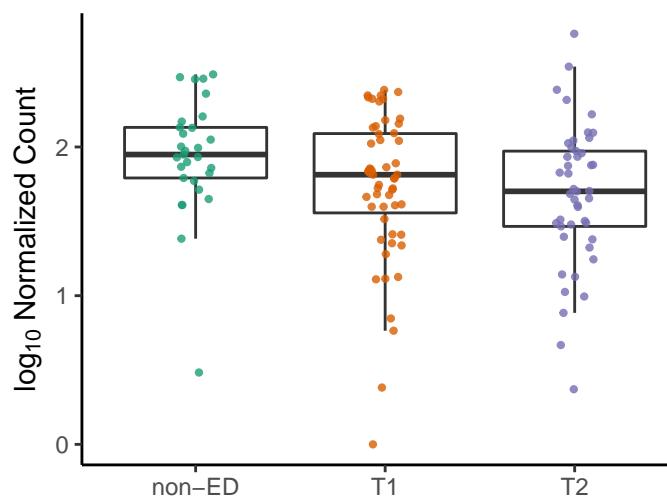
### *Chloroherpeton thalassium*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



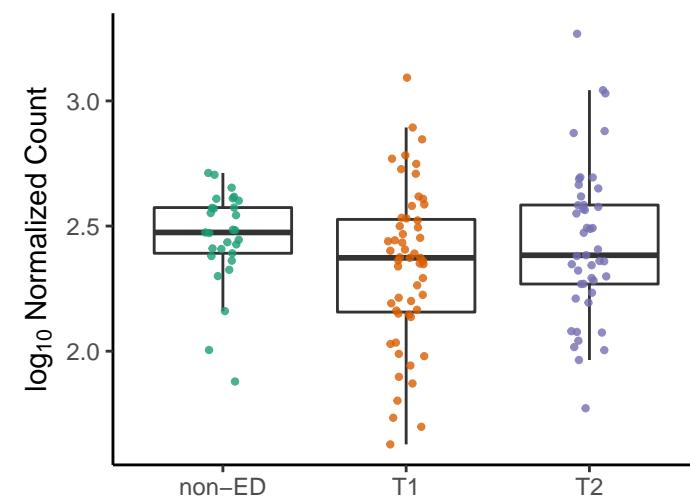
### *Maritalea myrionectae*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.88



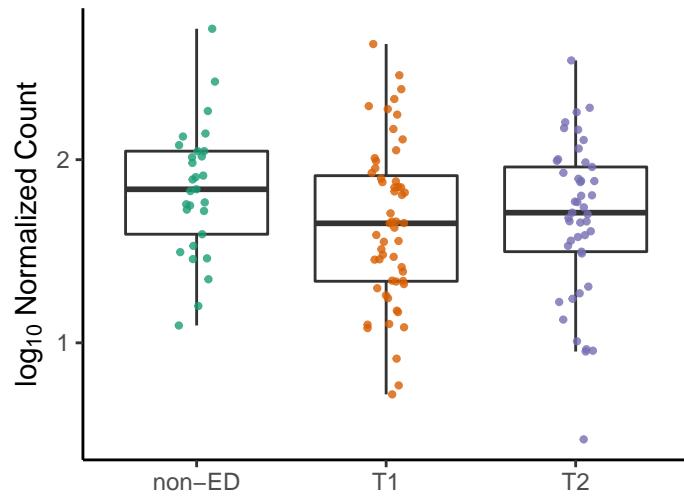
### *Paenibacillus sabinae*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.74  
 T1 vs. T2 adjusted p = 0.85



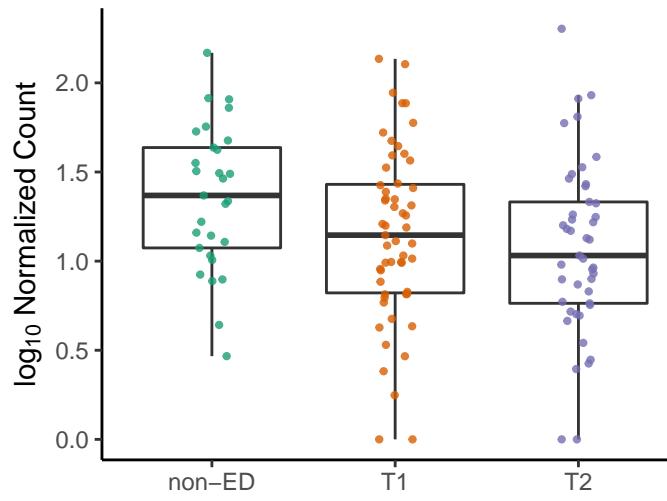
### *Corynebacterium urealyticum*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



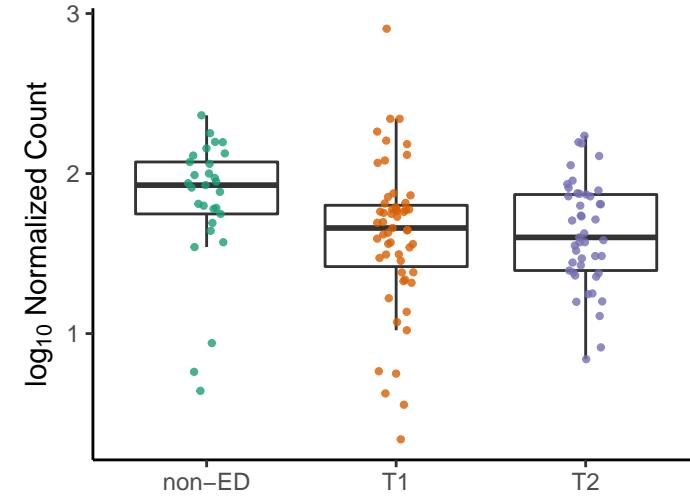
### *Sulfurospirillum halorespirans*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.85



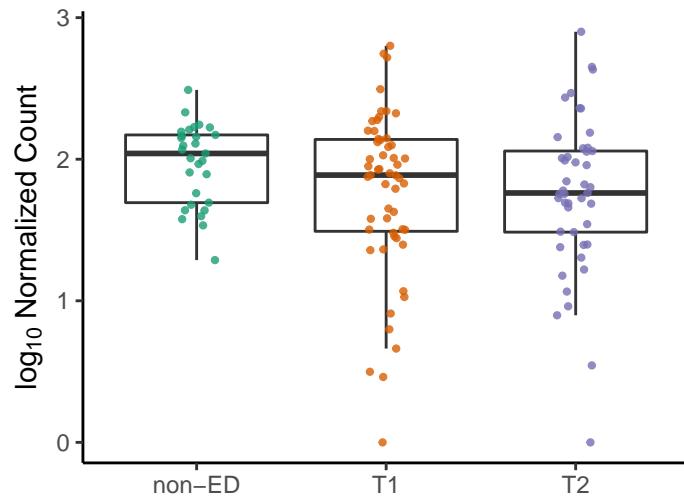
### *Candida orthopsilosis*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.91



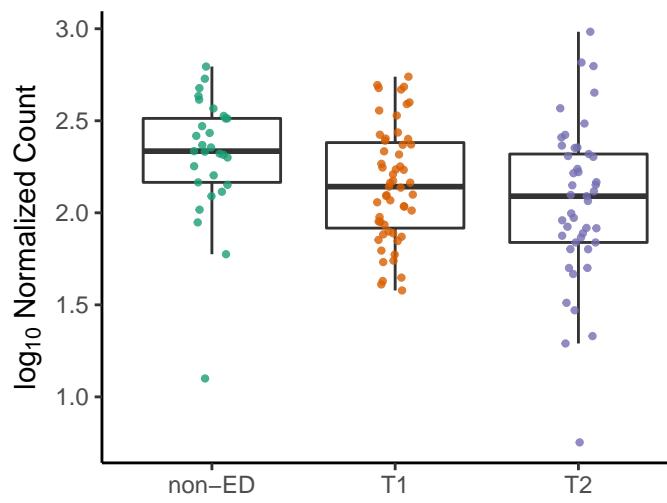
### *Candidatus Desulfovibrio trichonymphae*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.97



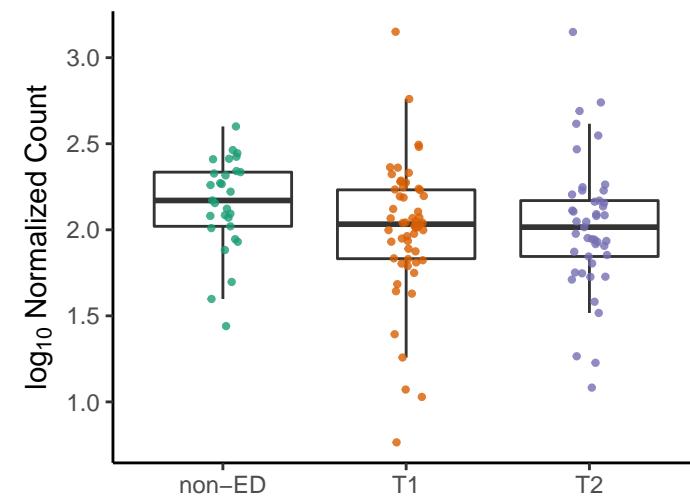
### *Clostridium scatologenes*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



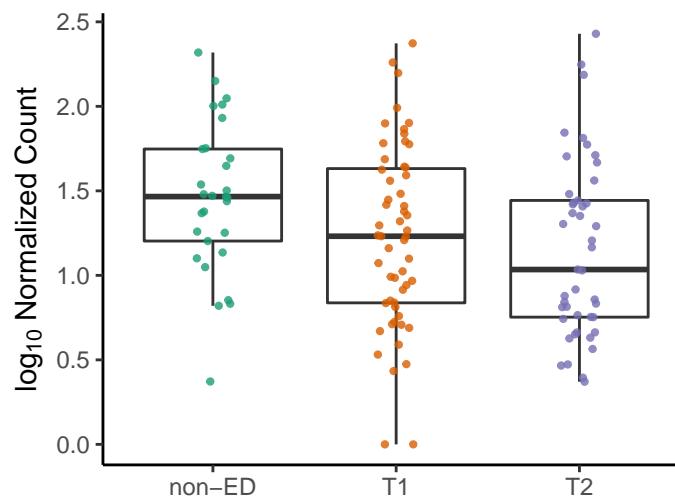
### *Desulfobacula toluolica*

non-ED vs. T1 adjusted p = 0.067  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.95



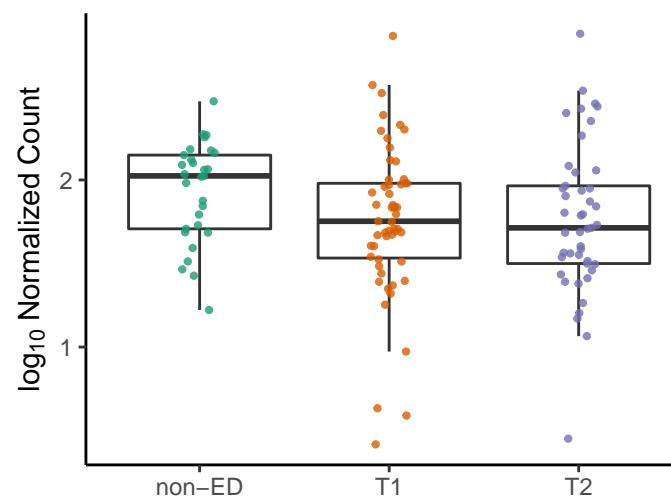
### *Mycoplasma gallinaceum*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



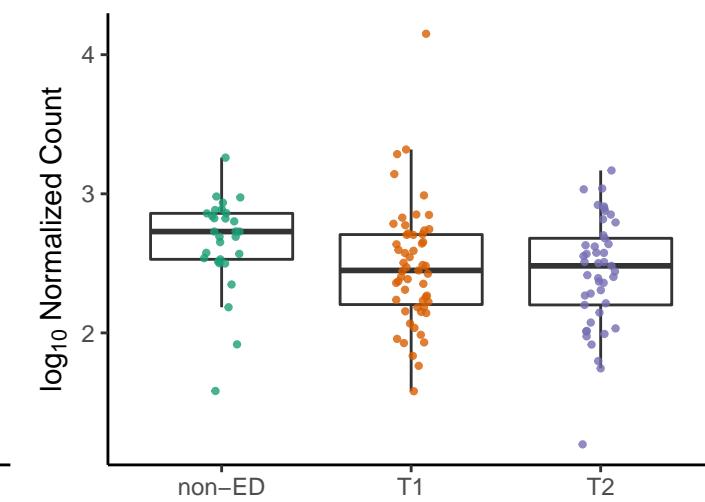
### *Planctomycetes bacterium K22\_7*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.91



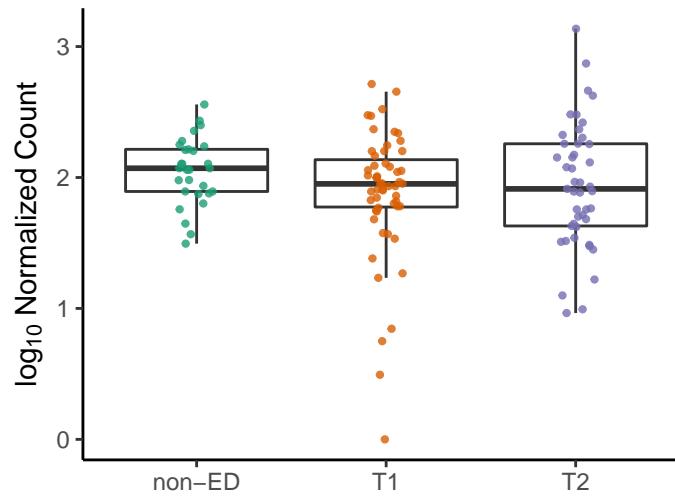
### *Cellulosilyticum sp. WCF-2*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.87



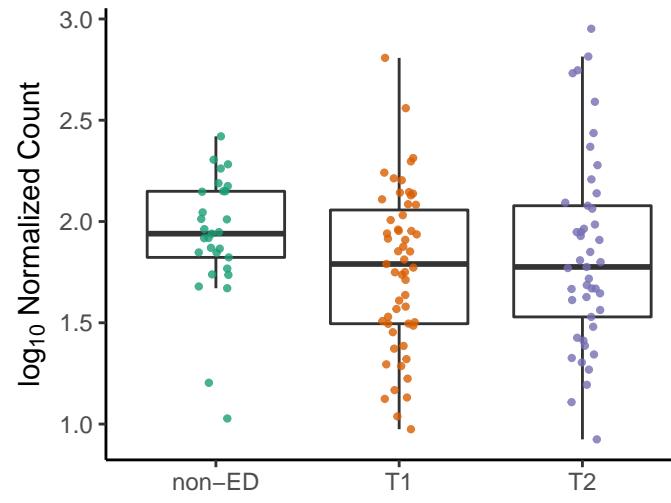
### *Sulfurifustis variabilis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



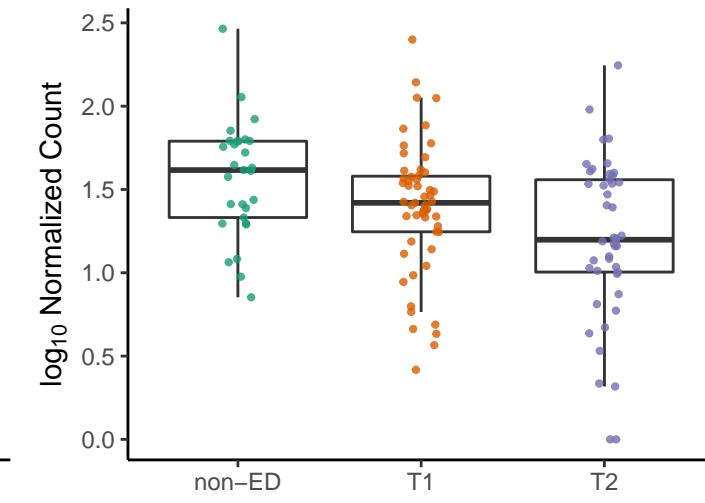
### *Methanoplanus limicola*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.87



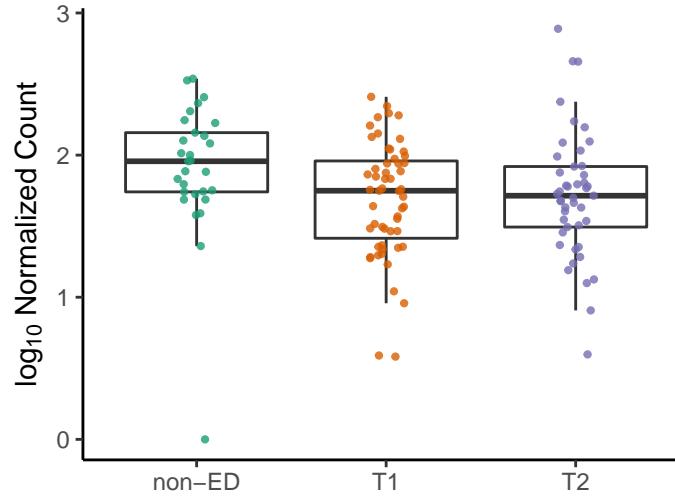
### *Paenacaligenes hominis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.0049  
 T1 vs. T2 adjusted p = 0.85



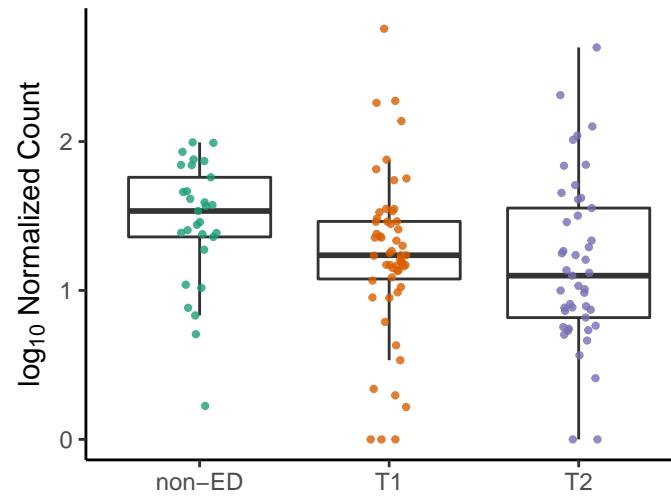
### *Geminocystis herdmanii*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.96



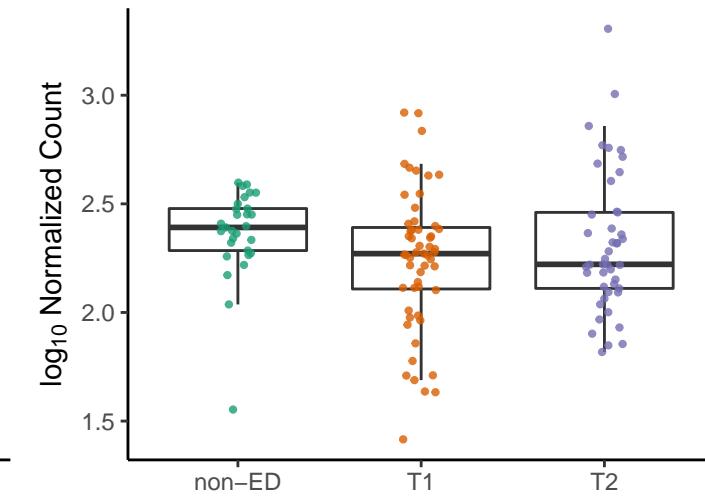
### *Flavobacterium crassostreae*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.85



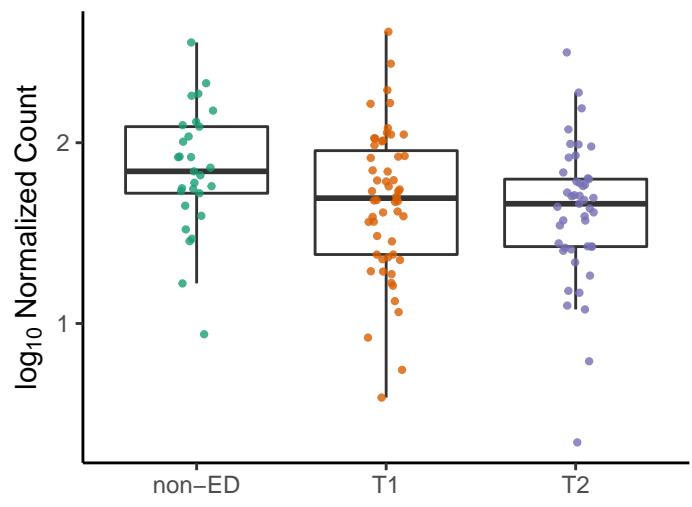
### *Paenibacillus sp. CAA11*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.47  
 T1 vs. T2 adjusted p = 0.85



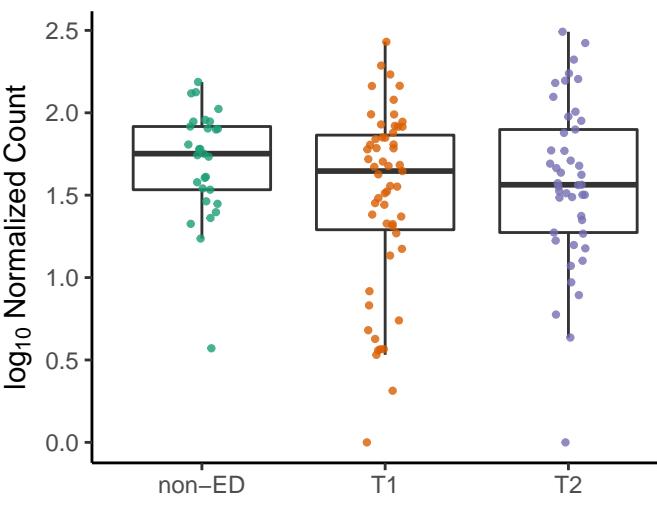
### *Lactobacillus rossiae*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.87



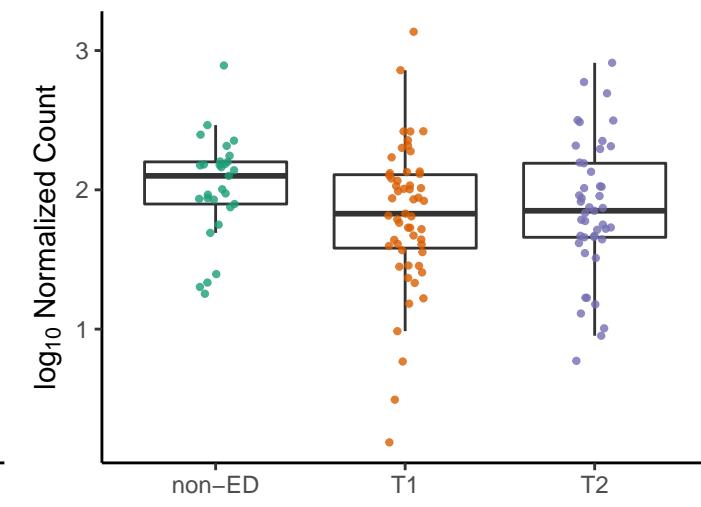
### *Spongibacter sp. IMCC21906*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.86



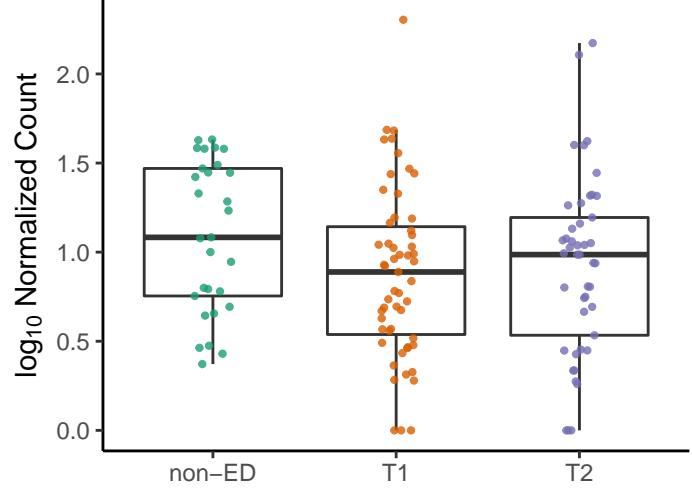
### *Corynebacterium glyciniphilum*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



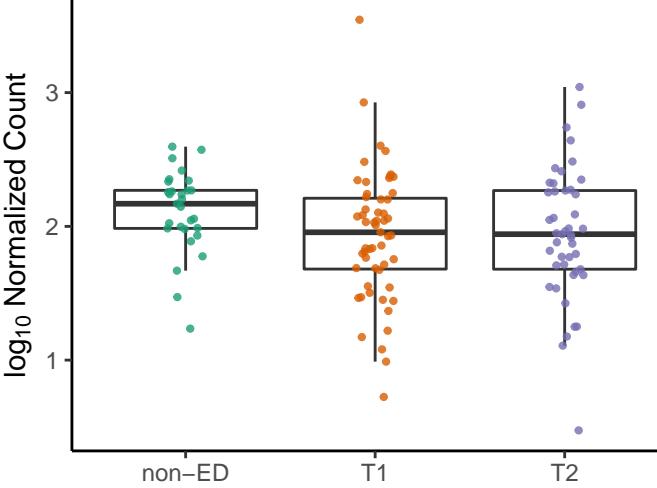
### Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.93



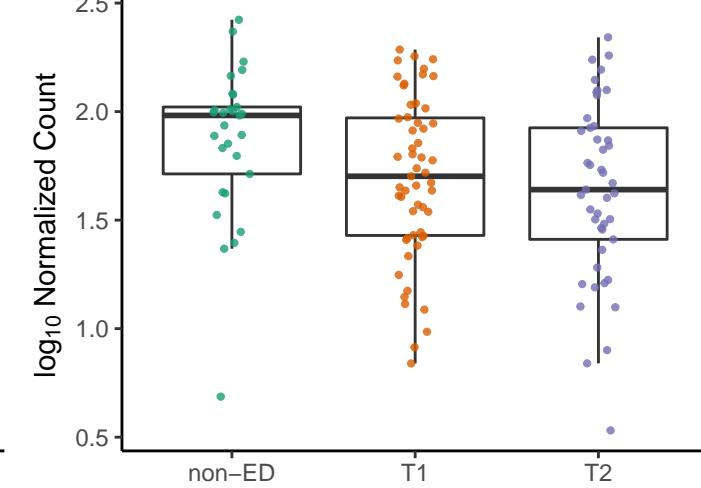
### *Streptomyces actuosus*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.87



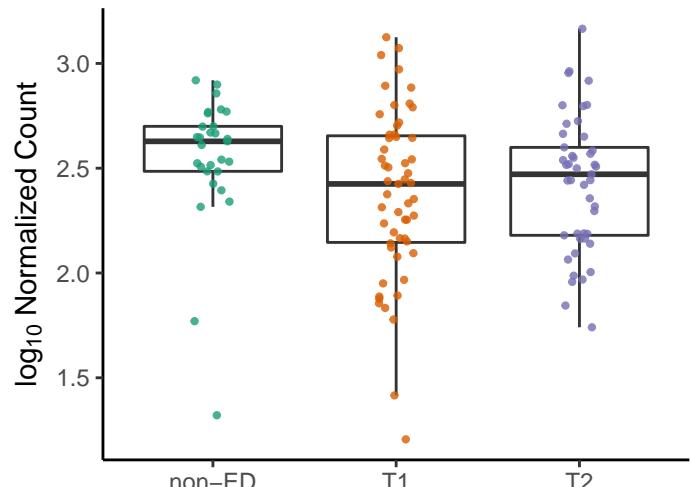
### *Kordia antarctica*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



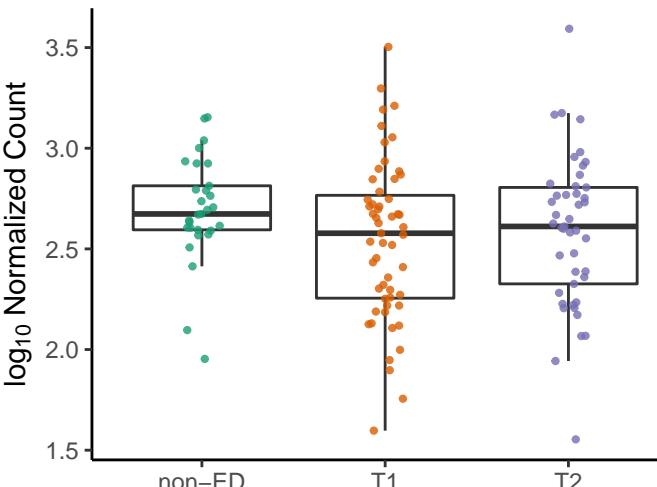
### *Gudongella oleilytica*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



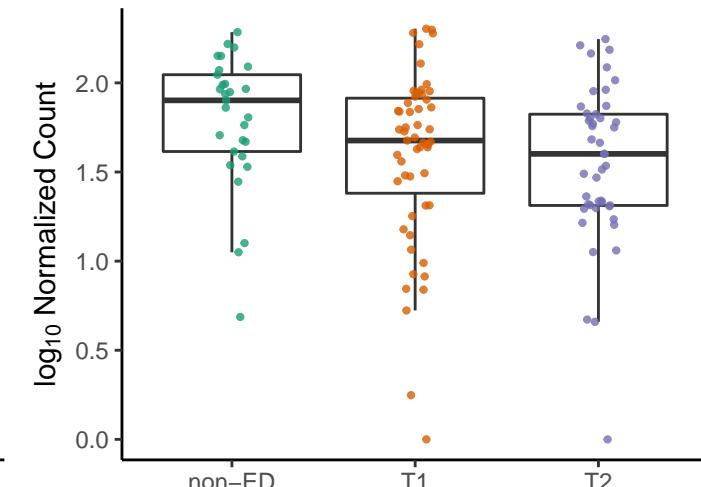
### *Ndongobacter massiliensis*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



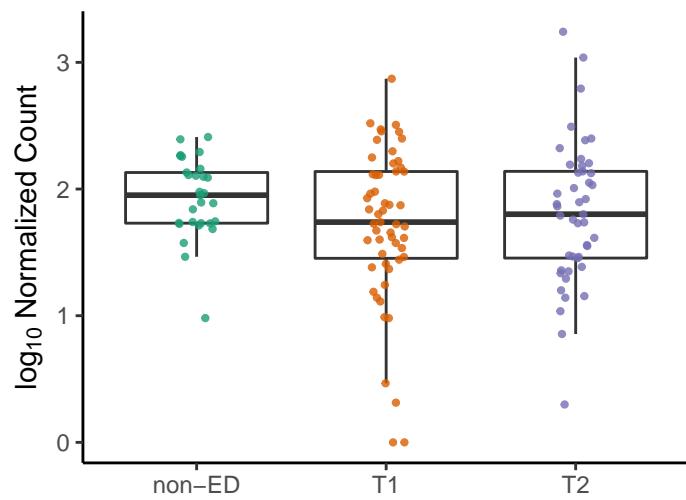
### *Cellulophaga sp. L1A9*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



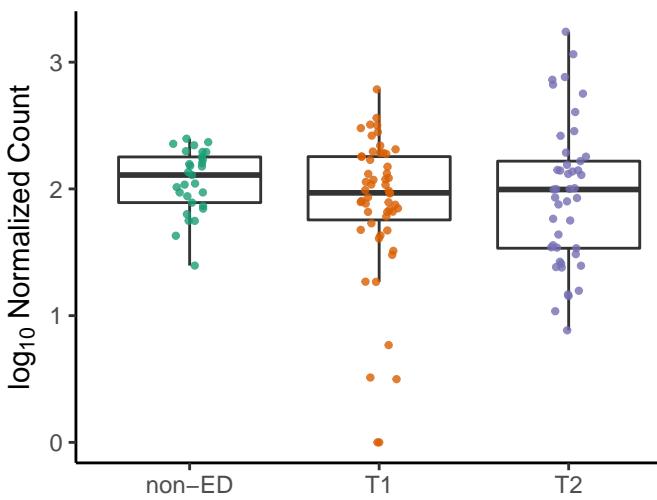
### *Prauserella marina*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



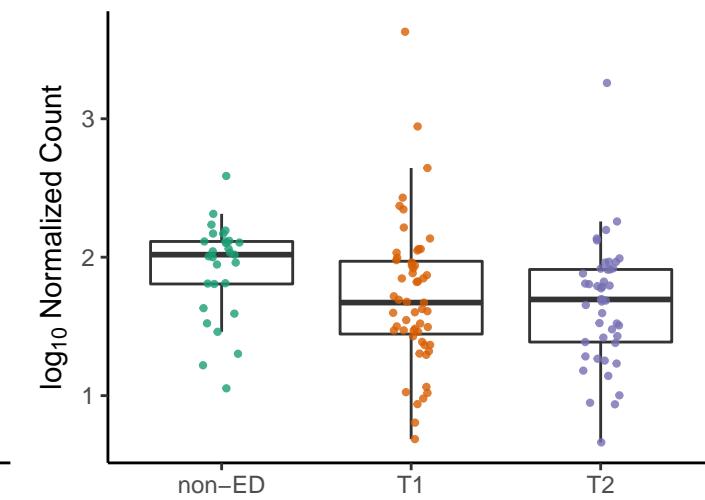
### *Streptomyces gilvosporeus*

non-ED vs. T1 adjusted p = 0.068  
 non-ED vs. T2 adjusted p = 0.3  
 T1 vs. T2 adjusted p = 0.85



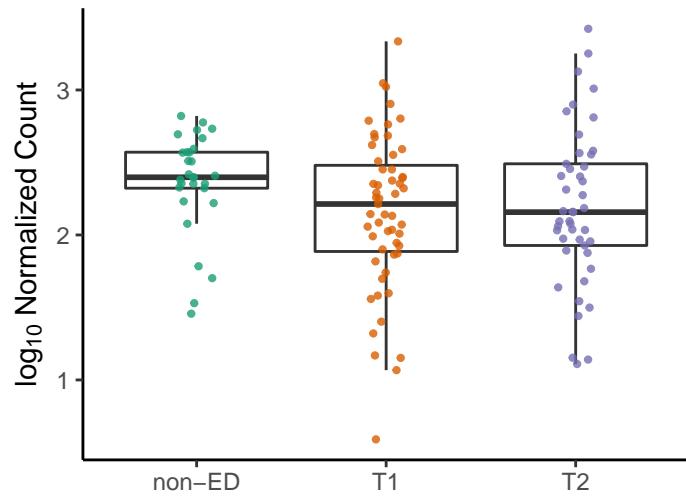
### *Methanobrevibacter ruminantium*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.9



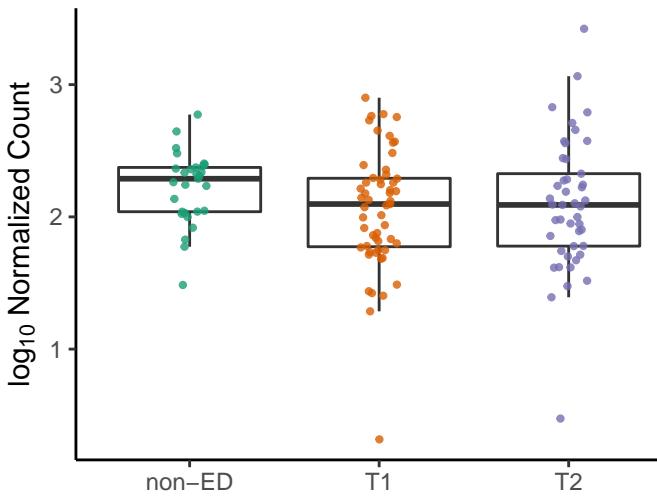
### *Frankia inefficax*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.87



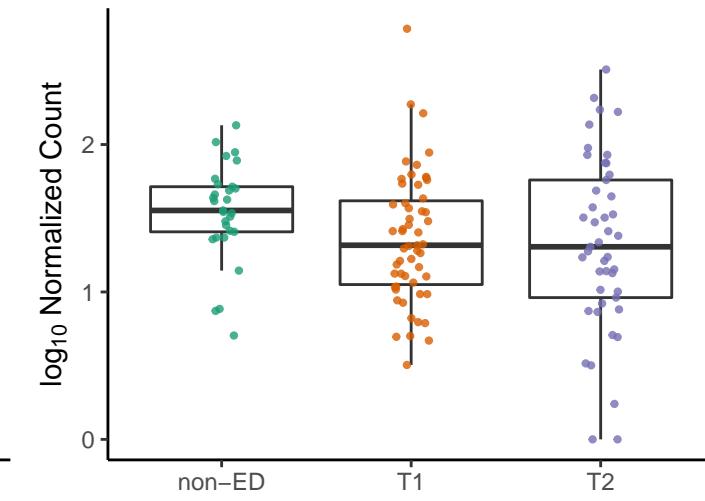
### *Bosea sp. F3-2*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



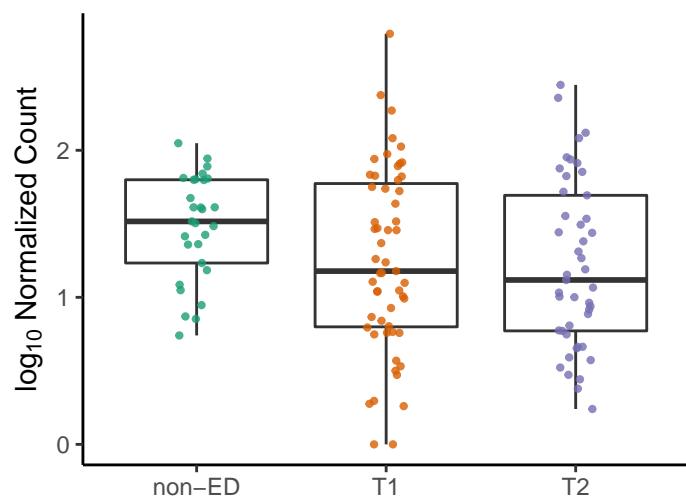
### *Methanosarcina flavesiens*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.99



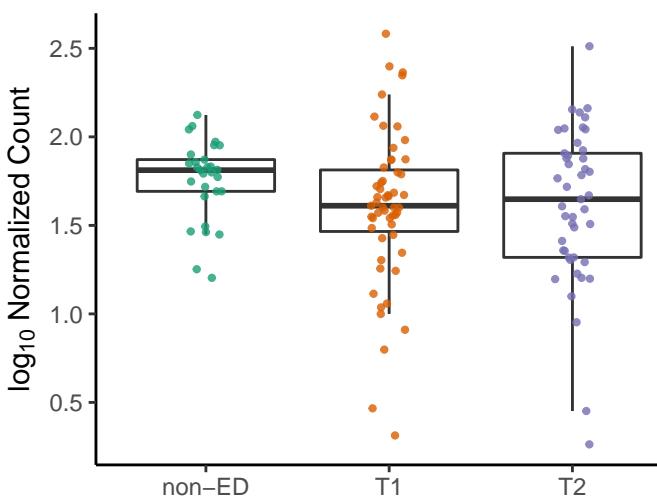
### *Candidatus Pelagibacter sp. IMCC9063*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 1



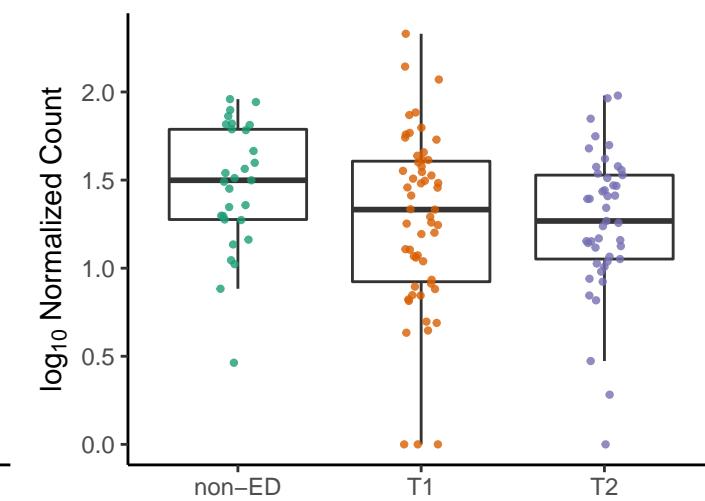
### *Mesorhizobium sp. M7D.F.Ca.US.005.0*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.92



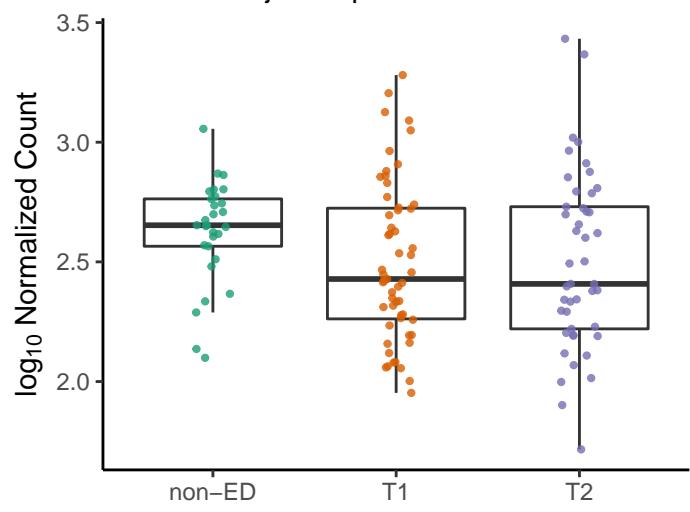
### *Porphyrobacter sp. HT-58-2*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.98



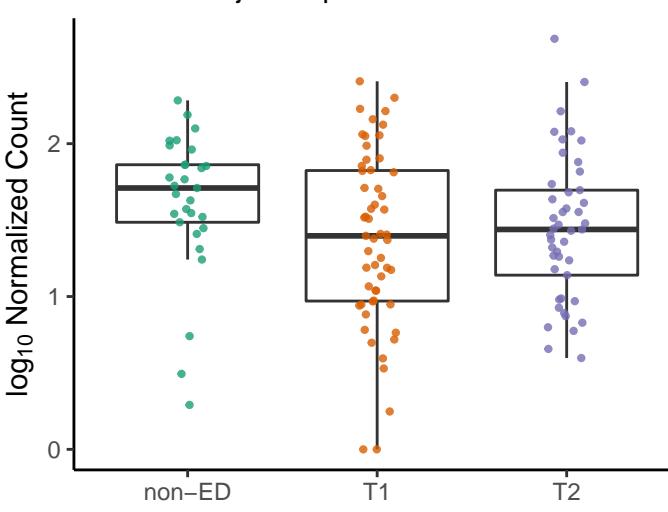
### *Listeria monocytogenes*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 1



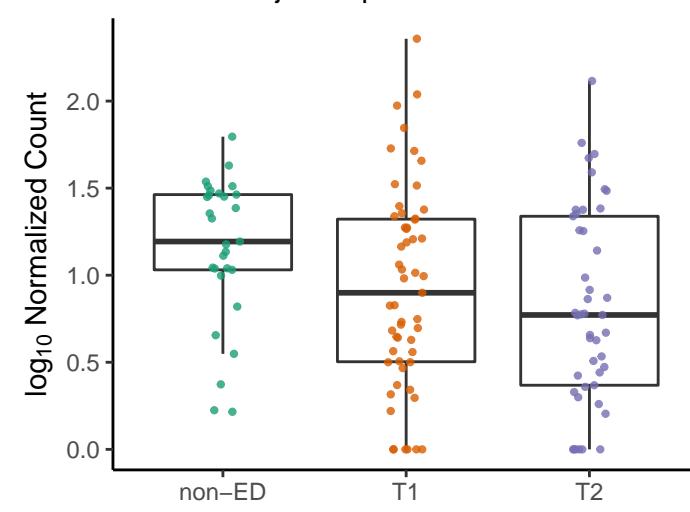
### Unclassified Cellulomonas Genus

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



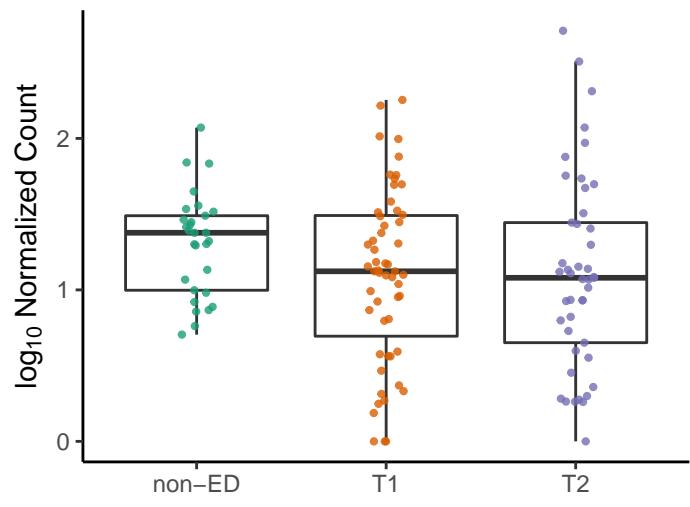
### *Apibacter* sp. B3706

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



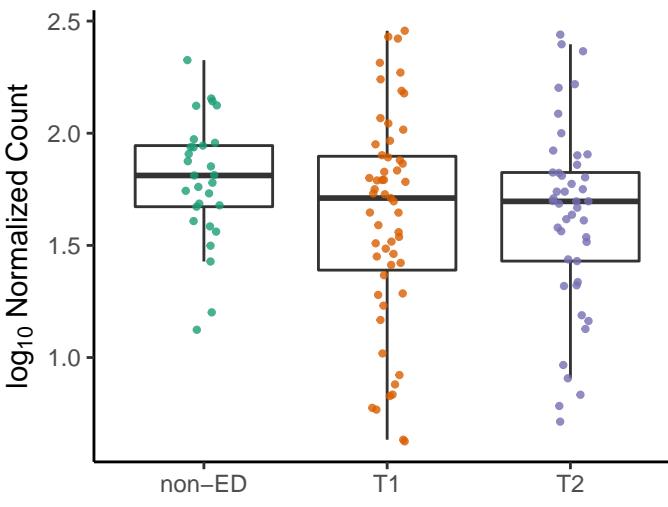
### *Mycobacterium intracellulare*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.95



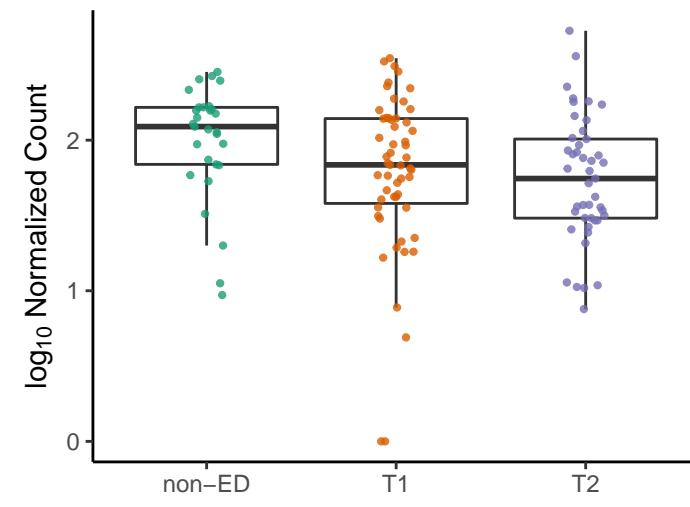
### Unclassified Sodalis Genus

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.87



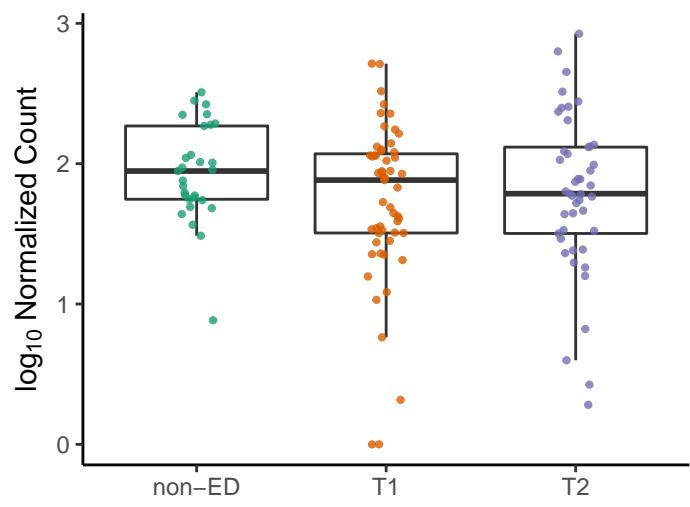
### *Bernardetia litoralis*

non-ED vs. T1 adjusted p = 0.069  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



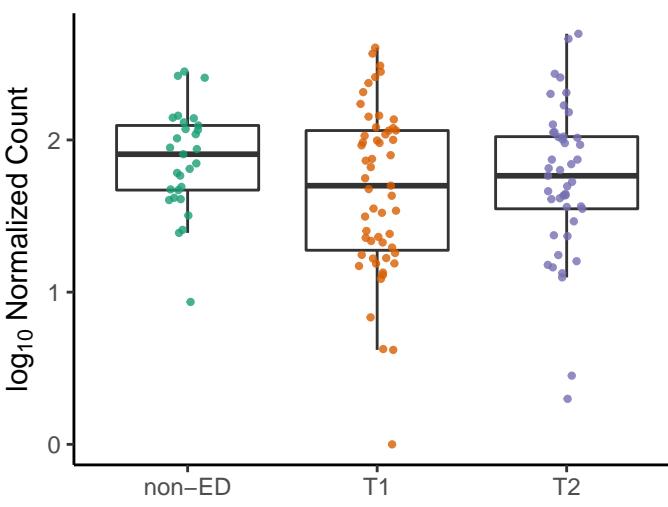
### *Mycolicibacterium thermoresistibile*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



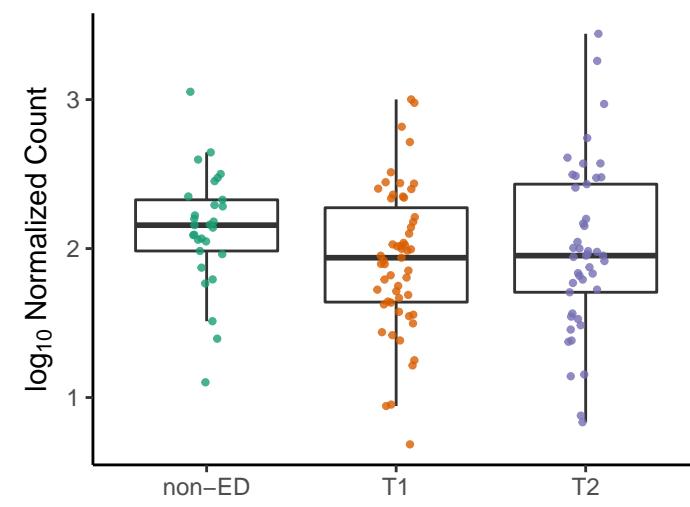
### *Streptomyces pactum*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



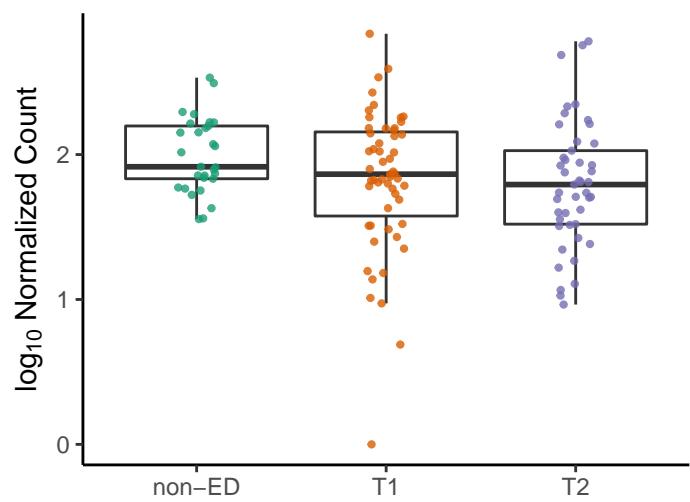
### *Beutenbergia cavernae*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.86



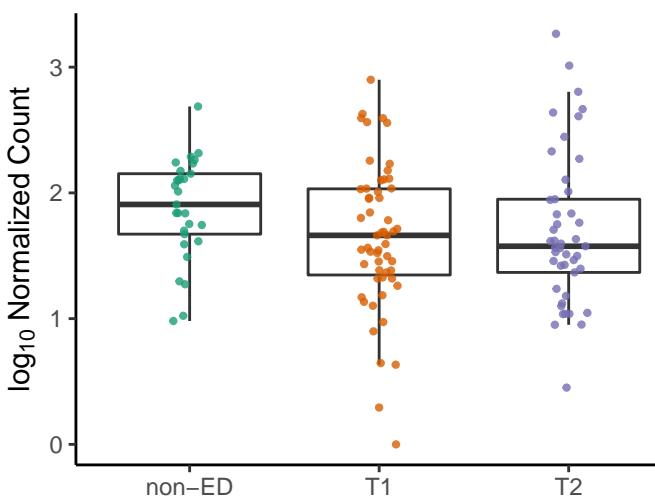
### *Neorhizobium* sp. NCHU2750

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.99



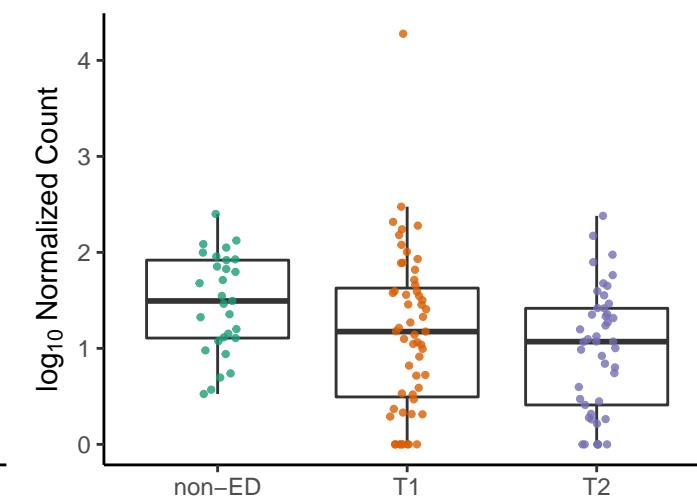
### *Streptomyces formicae*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.85



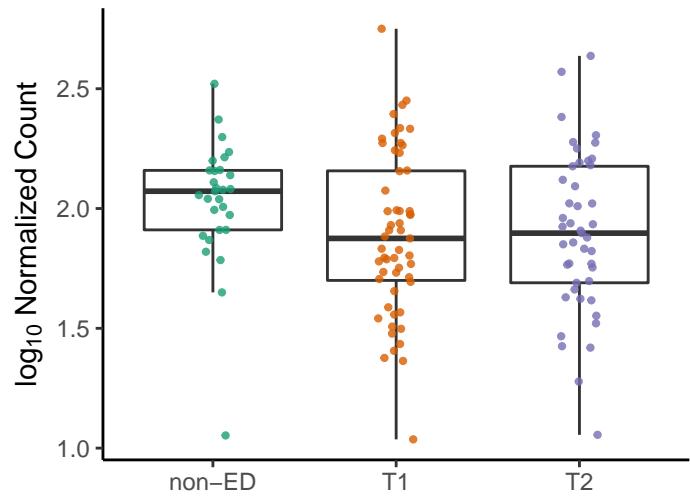
### *Desulfovibrio* sp. G11

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.0066  
 T1 vs. T2 adjusted p = 0.85



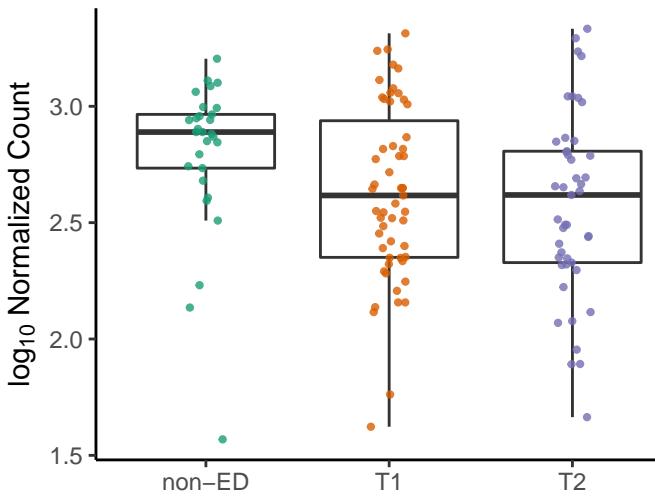
### *Streptococcus* sp. Z15

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.95



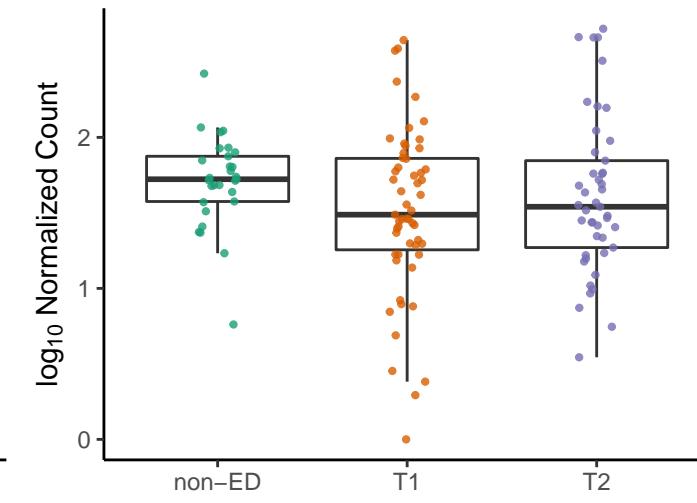
### *Clostridium* sp. DL-VIII

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.85



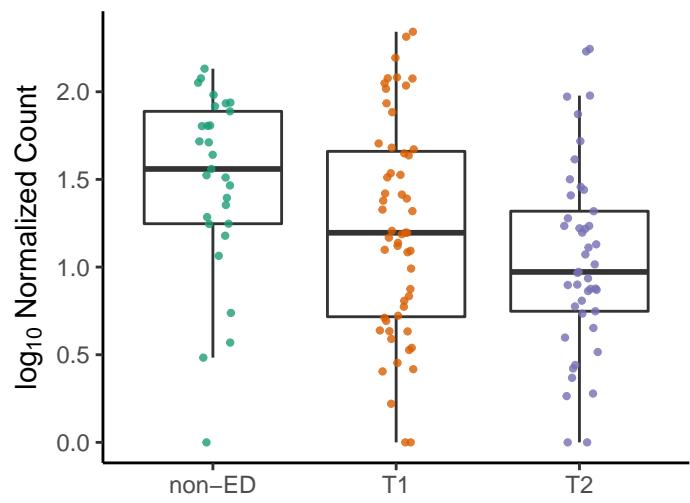
### *Litoreibacter* sp. LN3S51

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.92



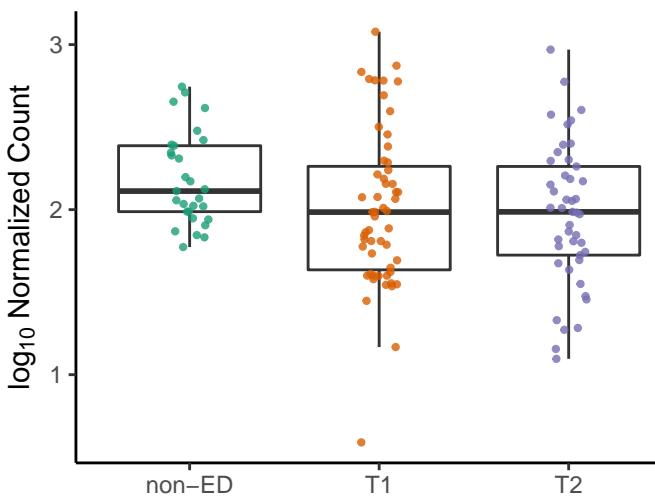
### *Candidatus Thioglobus singularis*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.0088  
 T1 vs. T2 adjusted p = 0.85



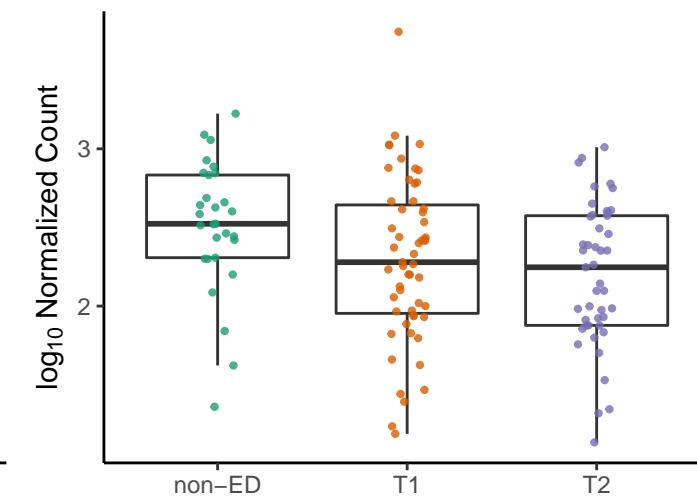
### *Rothia* aeria

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.99



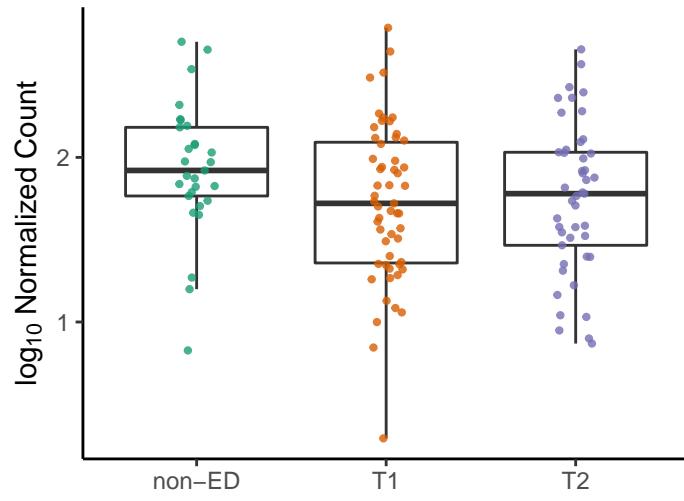
### *Clostridium septicum*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.85



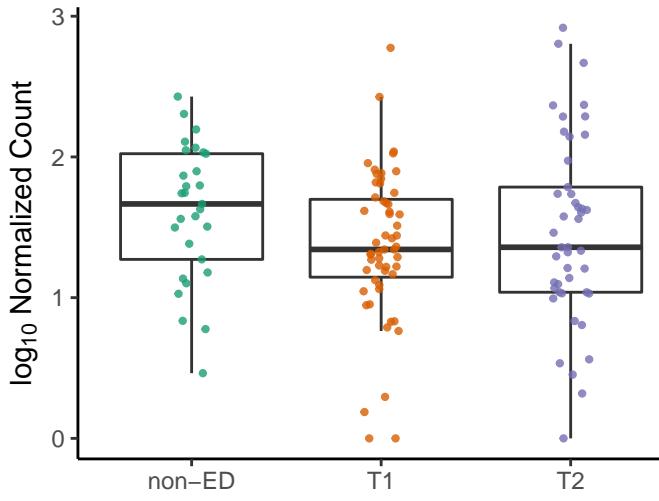
### *Erythrobacter flavus*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.9



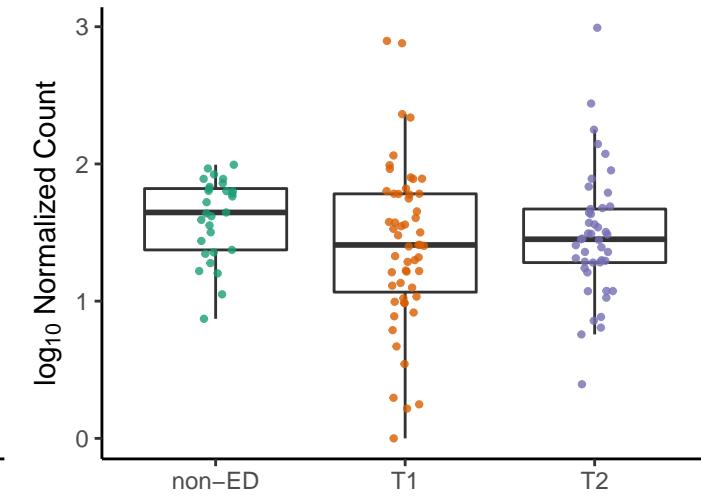
### *Halalkalicoccus jeotgali*

non-ED vs. T1 adjusted p = 0.07  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.85



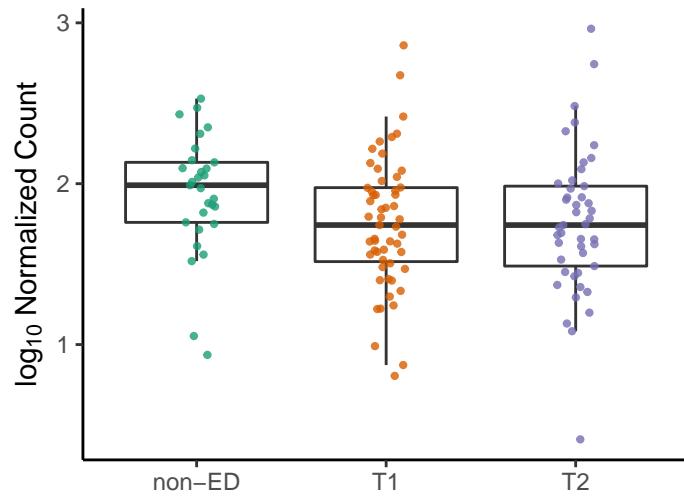
### *Lactobacillus kefiri*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.87



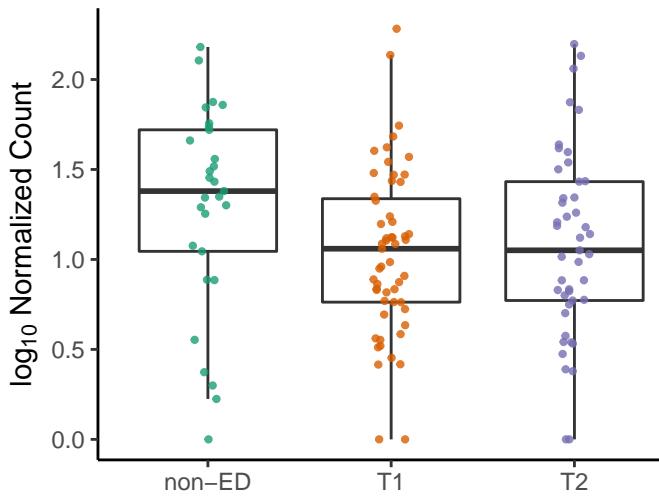
### *Glaesserella parasuis*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.95



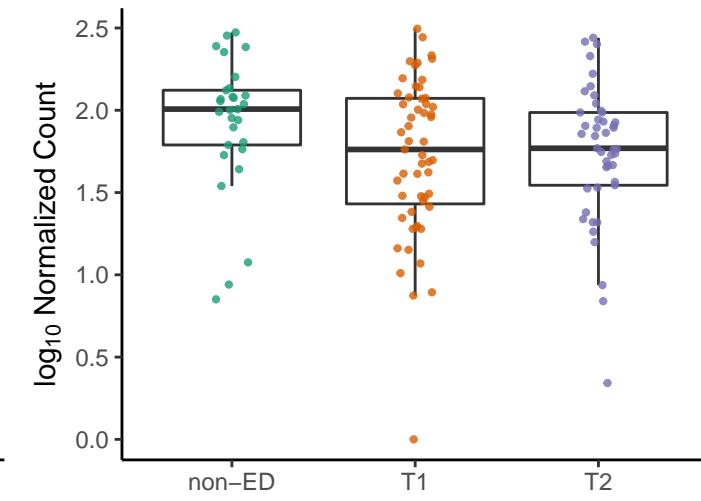
### *Marinomonas sp. FW-1*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.97



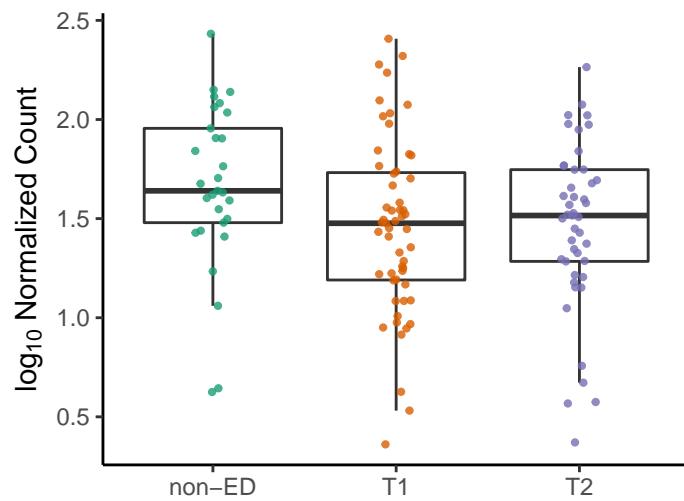
### *Cellulophaga lytica*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.97



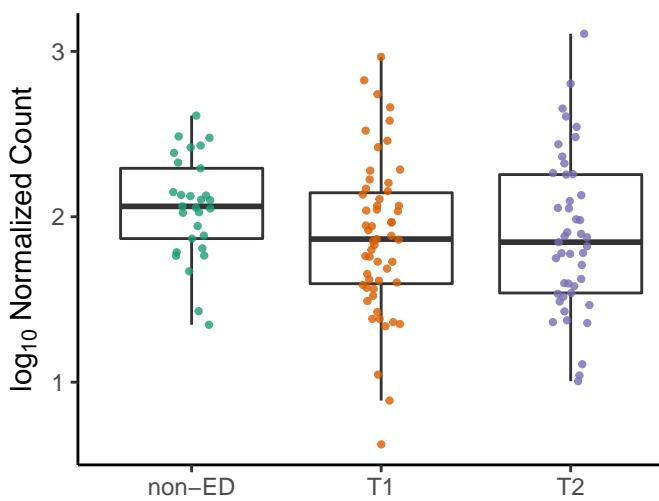
### *Mycoplasma sp. (ex Biomphalaria glabrata)*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.98



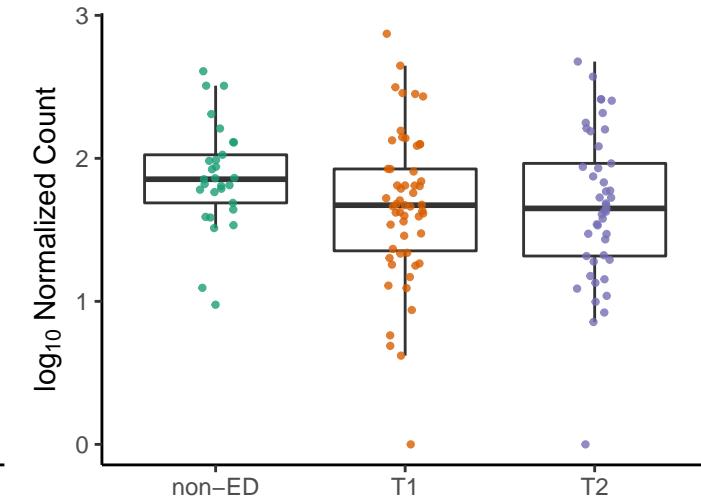
### *Chloroflexus aurantiacus*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.98



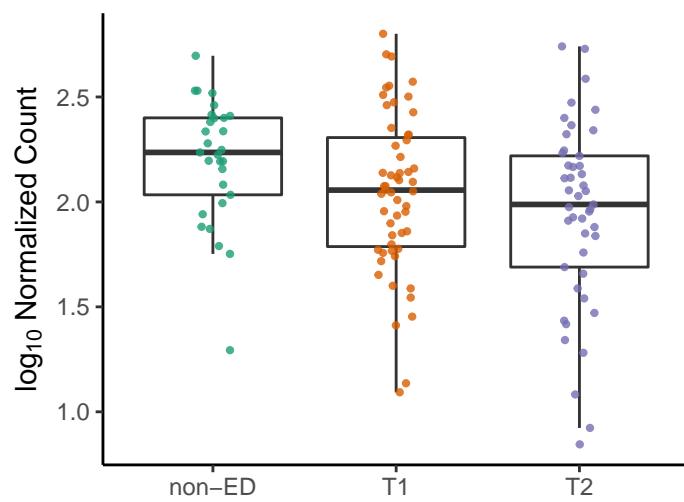
### *Microbacterium lemovicicum*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.92



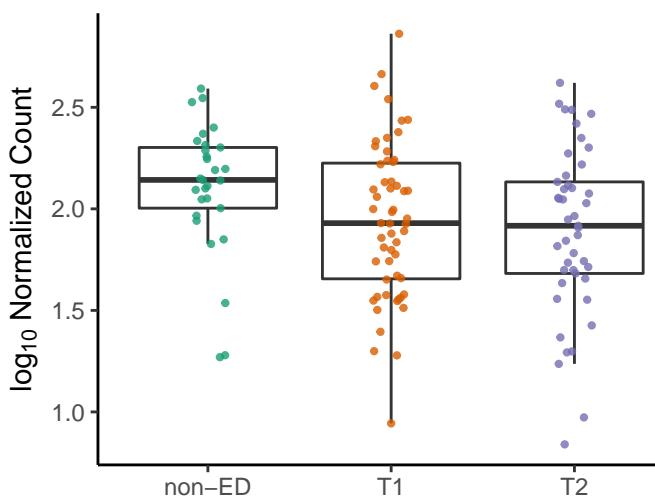
### *Clostridium drakei*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



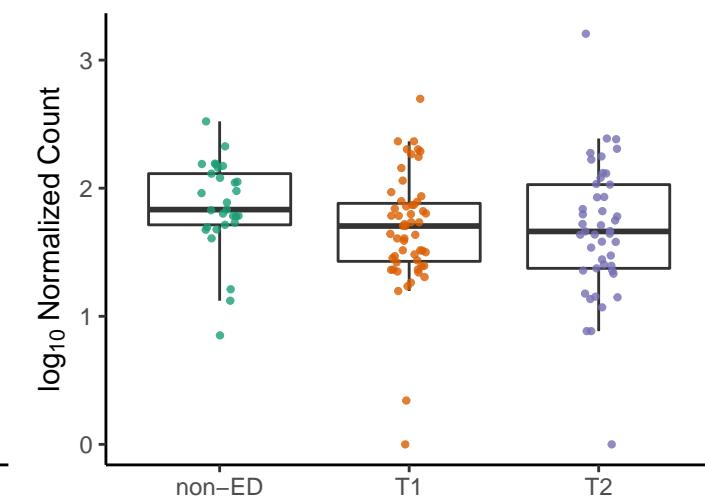
### *Brochothrix thermosphacta*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.87



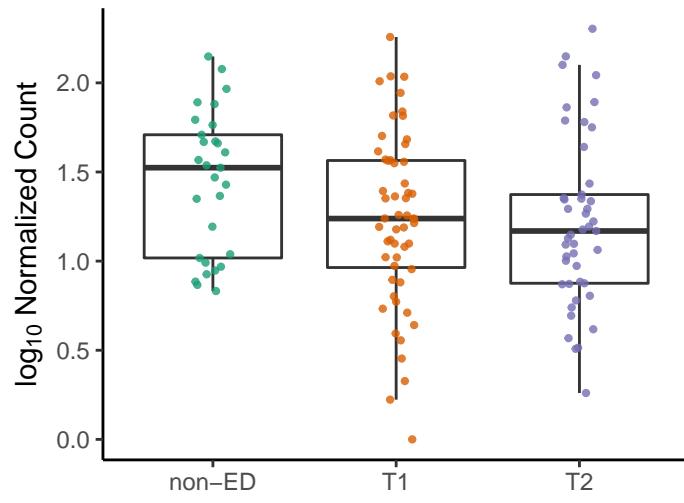
### *Chryseobacterium sp. StRB126*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.87



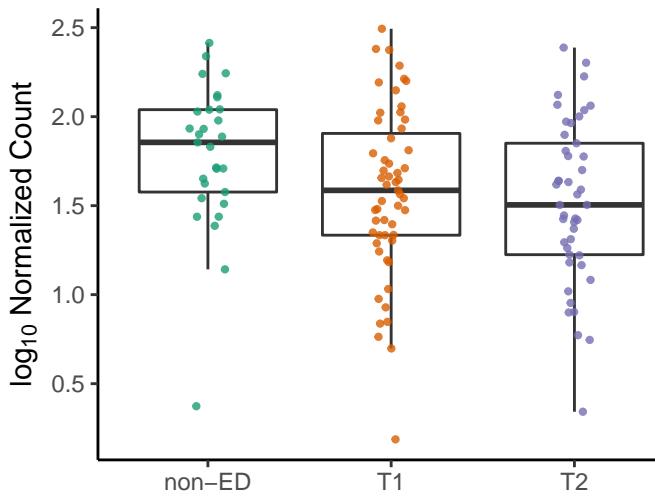
### *Lactobacillus kunkeei*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.91



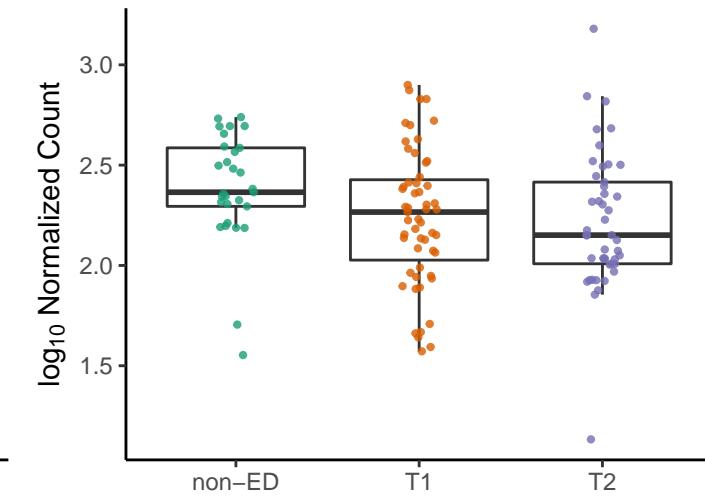
### *Calothrix sp. NIES-2098*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.88



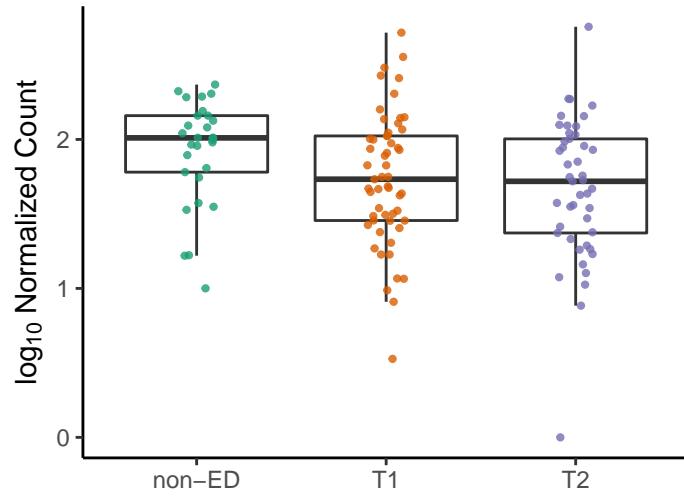
### Unclassified *Anoxybacillus* Genus

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.98



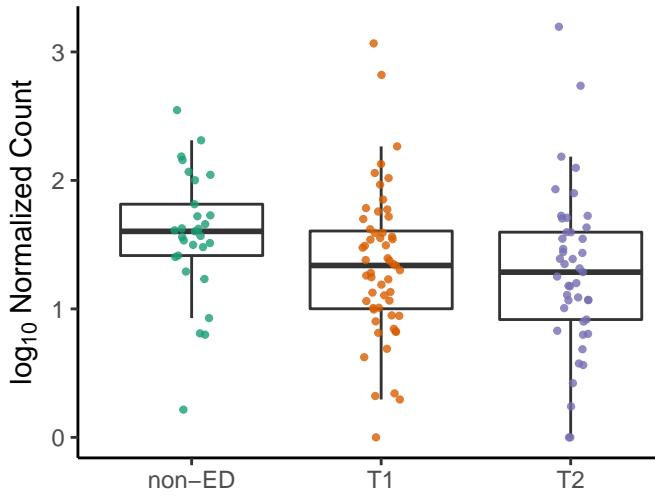
### Unclassified *Polaribacter* Genus

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.85



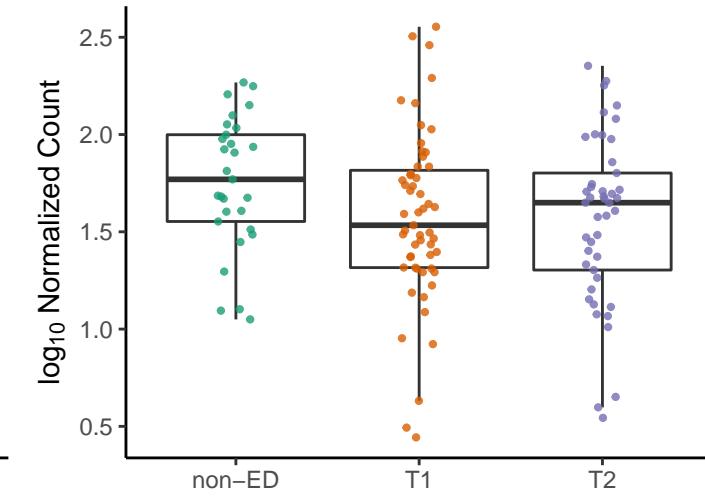
### *Jeotgalibaca sp. PTS2502*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.92



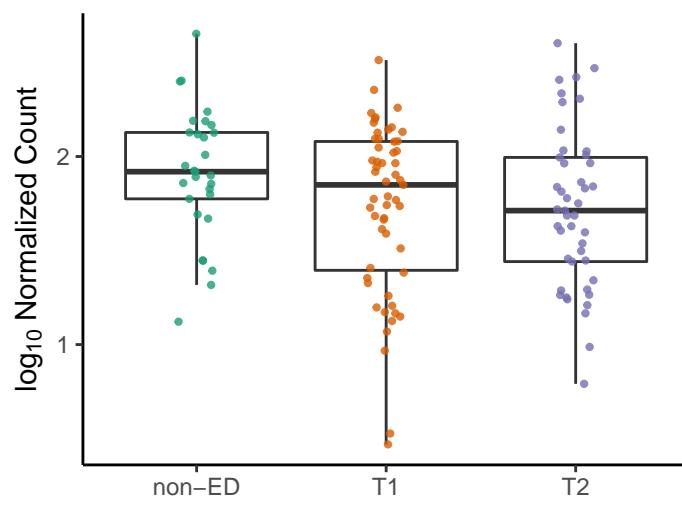
### *Roseobacter litoralis*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.88



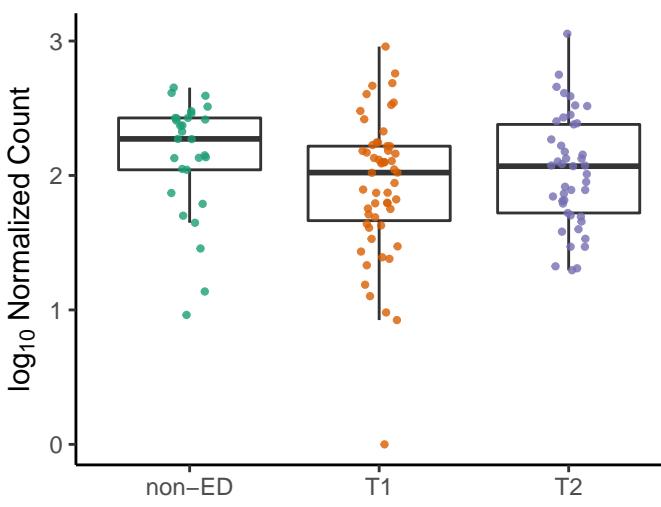
### *Leptospira interrogans*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.87



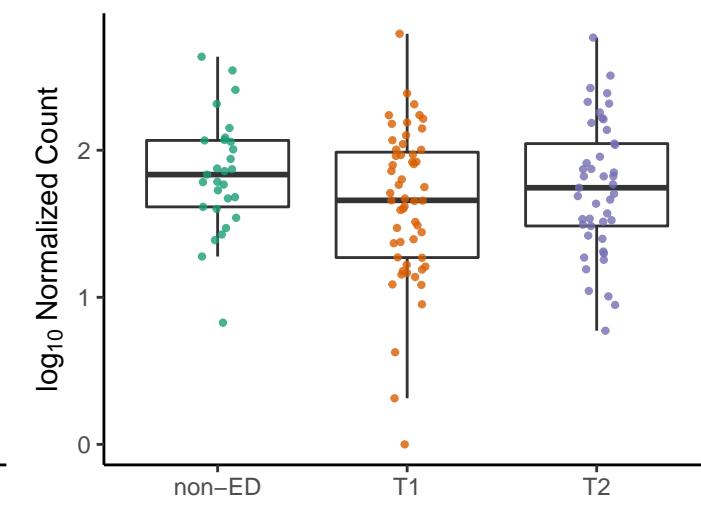
### *Actinopolymorpha singaporensis*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.85



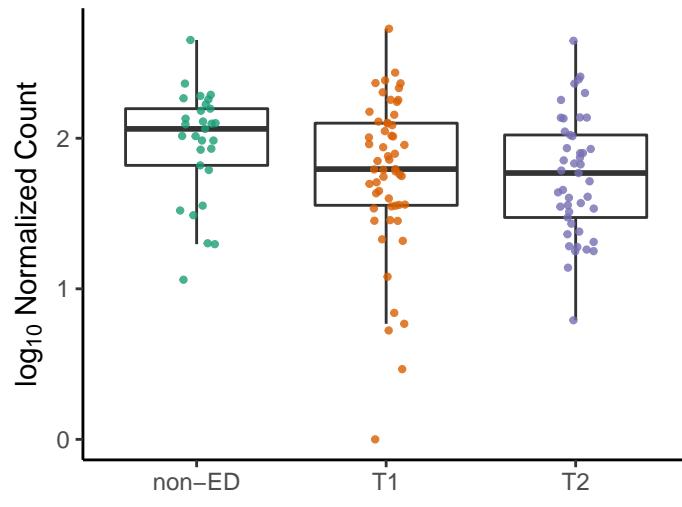
### *Microbacterium chocolatum*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.85



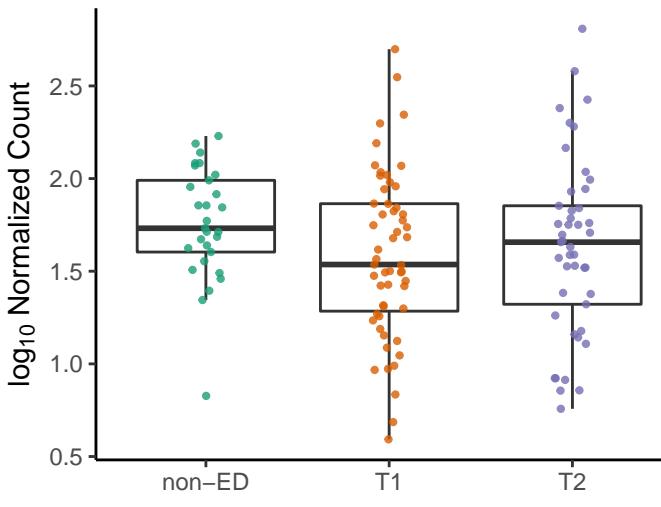
### *Neisseria chenwenguii*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.98



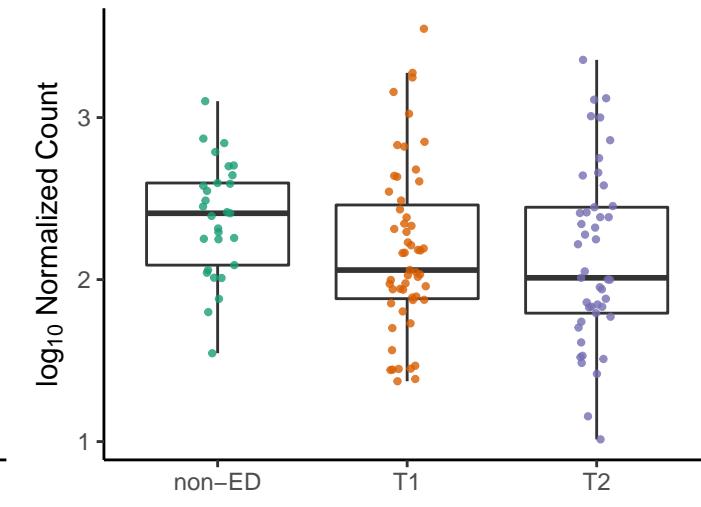
### *Stenotrophomonas sp. LM091*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.89



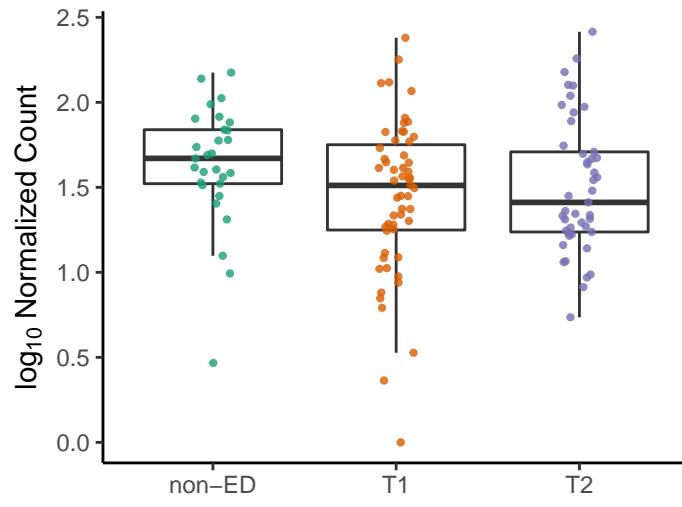
### Unclassified *Leuconostoc* Genus

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.99



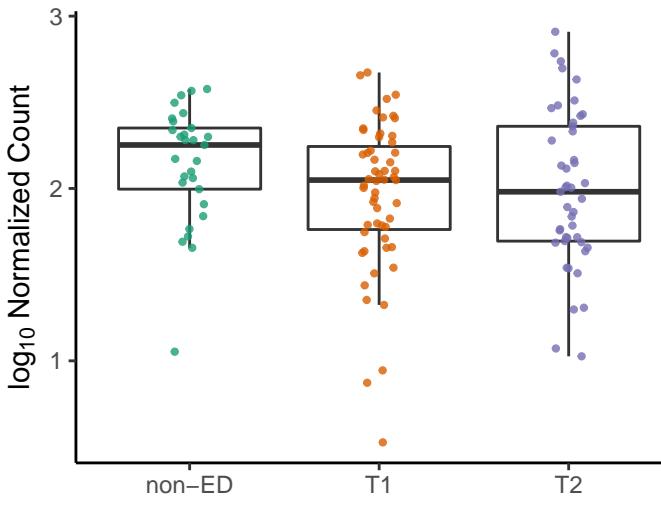
### *Hippea maritima*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.89



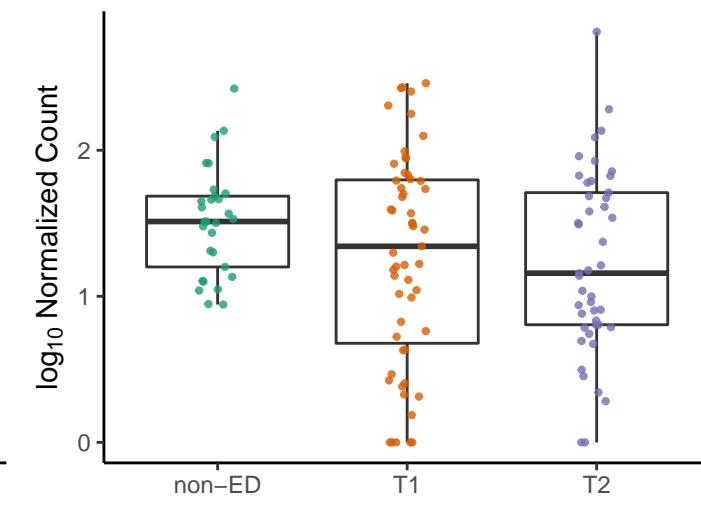
### *Bacillus* sp. X1(2014)

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.95



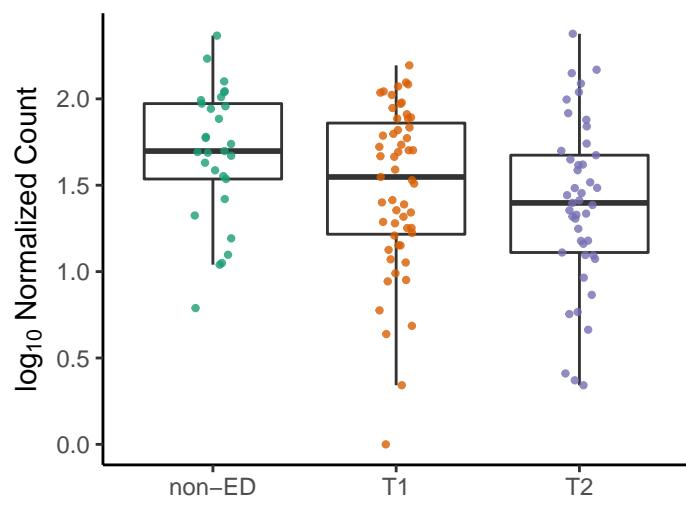
### *Halorussus* sp. RC-68

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.87



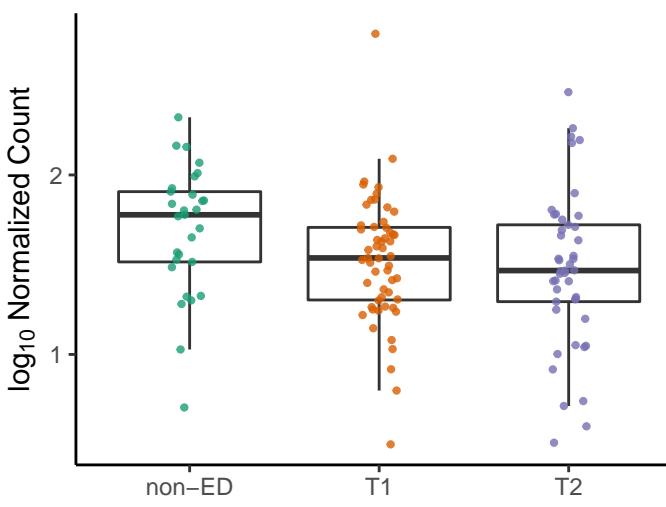
### *Tenacibaculum maritimum*

non-ED vs. T1 adjusted p = 0.071  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.85



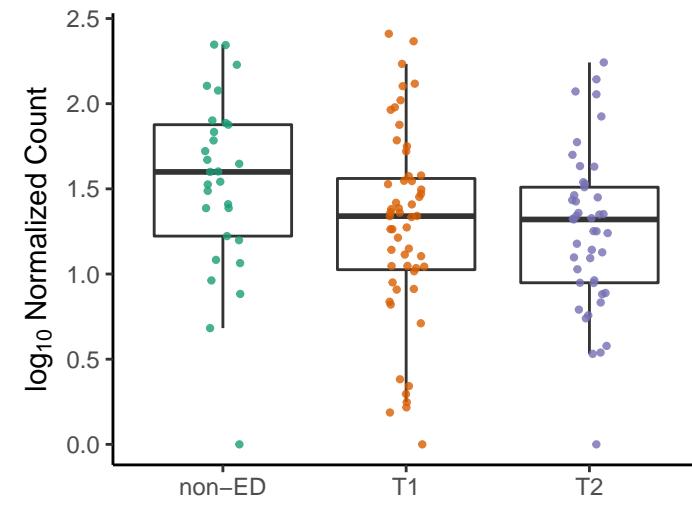
### *Planctomycetes bacterium Mal48*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.88



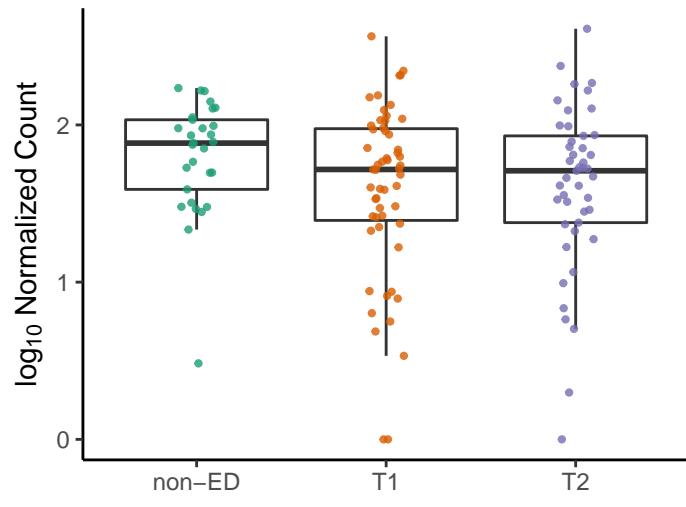
### *Mycoplasma hominis*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.87



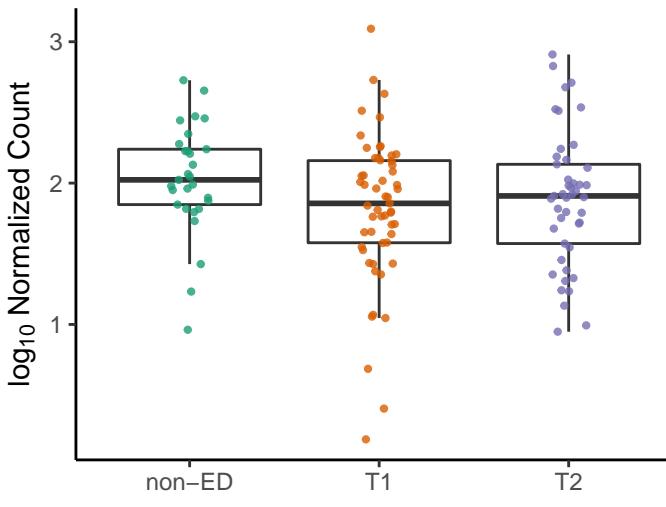
### *Synechococcus sp. RCC307*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.95



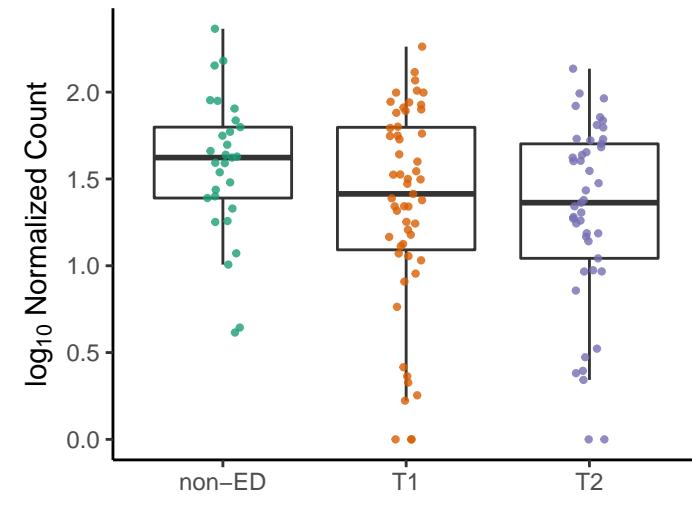
### *Sodalis glossinidius*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



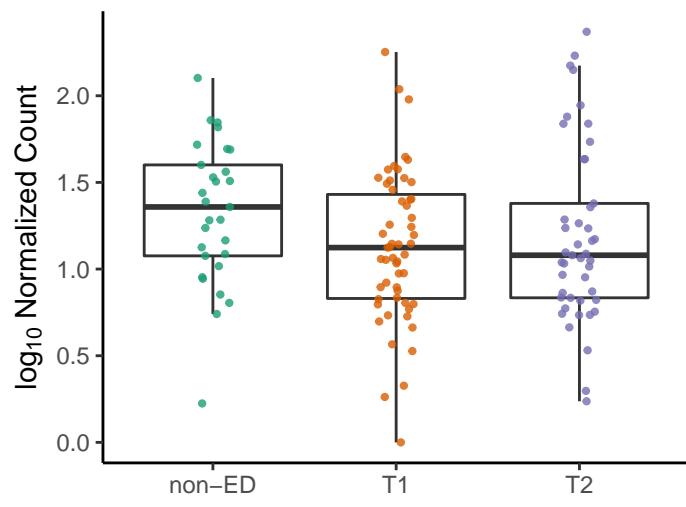
### *Acidilobus sp. 7A*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 1



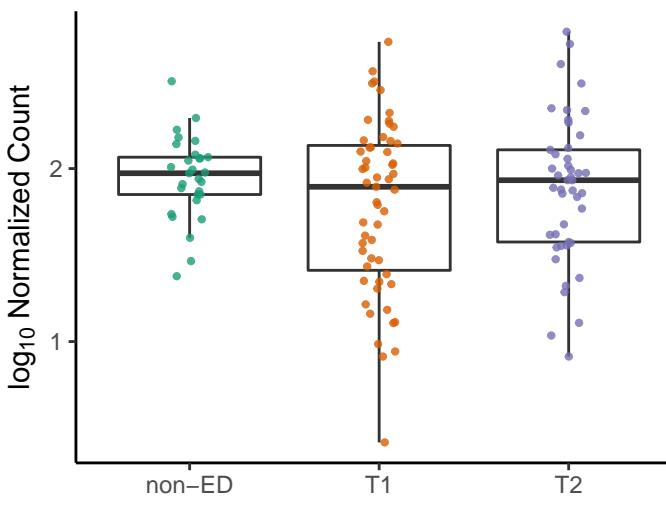
### *Helicobacter cholecystus*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.95



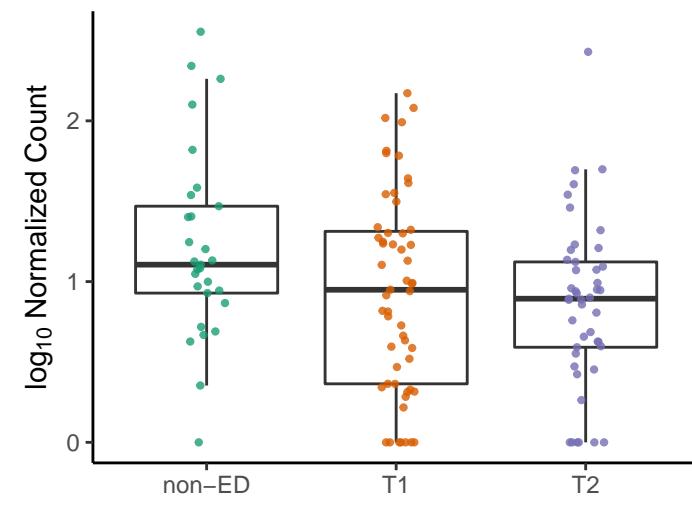
### *Planctomycetes bacterium ETA\_A8*

non-ED vs. T1 adjusted p = 0.072  
 non-ED vs. T2 adjusted p = 0.45  
 T1 vs. T2 adjusted p = 0.85



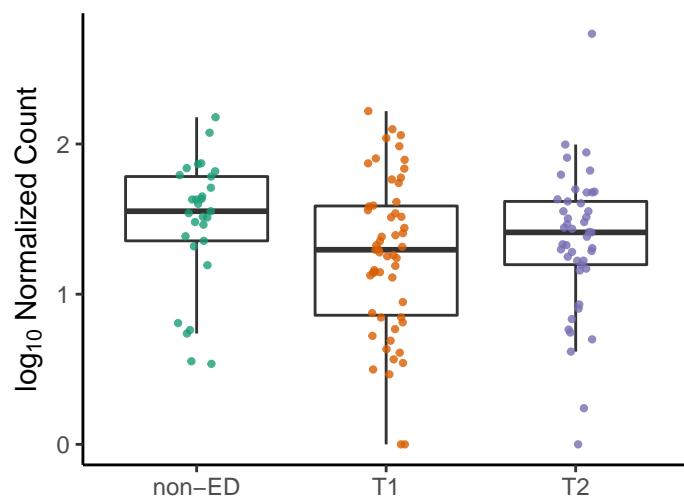
### *Mycobacterium ulcerans*

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.95



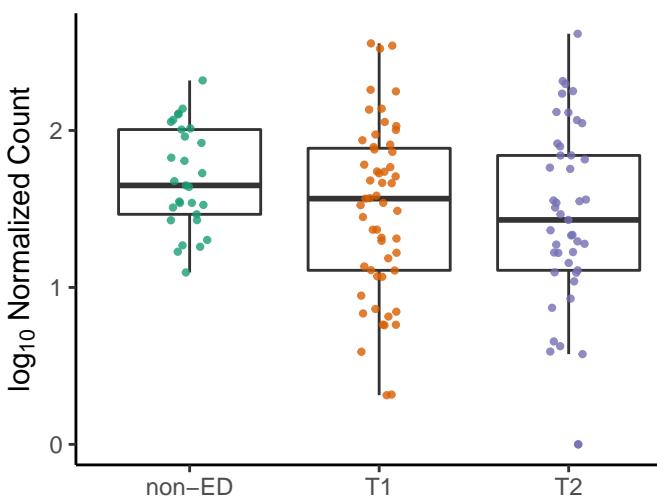
### *Vibrio* sp. HDW18

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



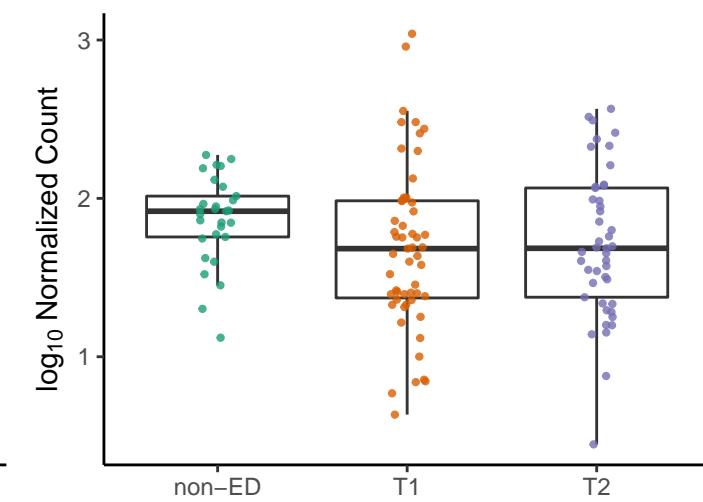
### *Halovivax* ruber

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.044  
 T1 vs. T2 adjusted p = 0.96



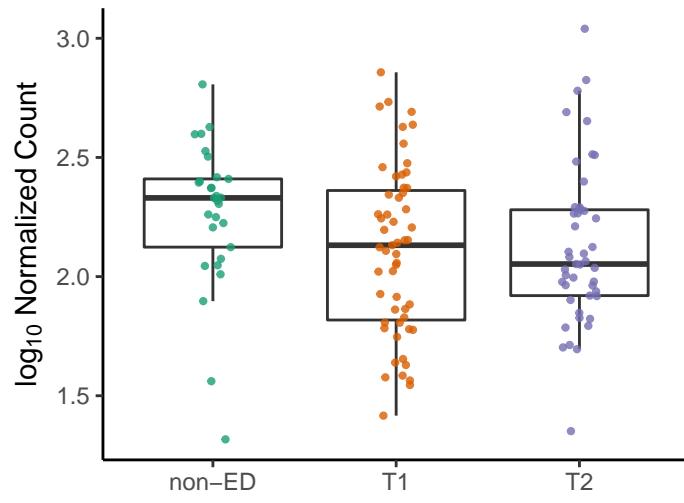
### *Staphylococcus* capitis

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.95



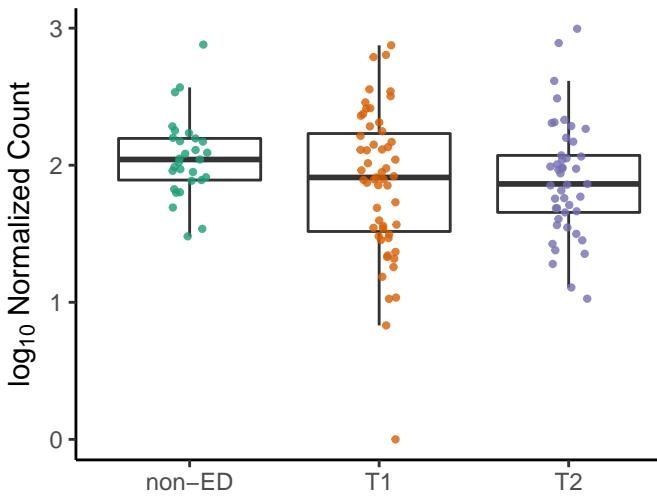
### *Bacillus* simplex

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.95



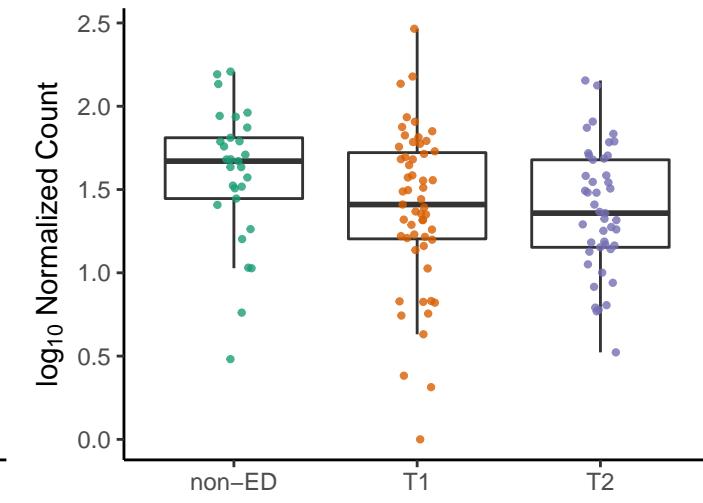
### *Acetobacter* persici

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.91



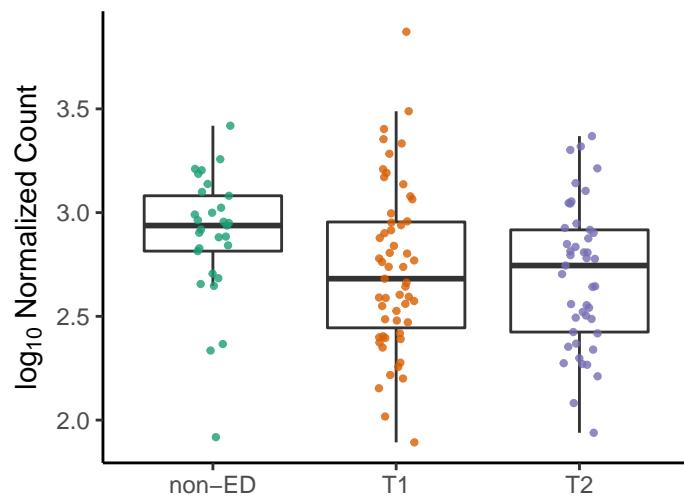
### *Acinetobacter* baylyi

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 1



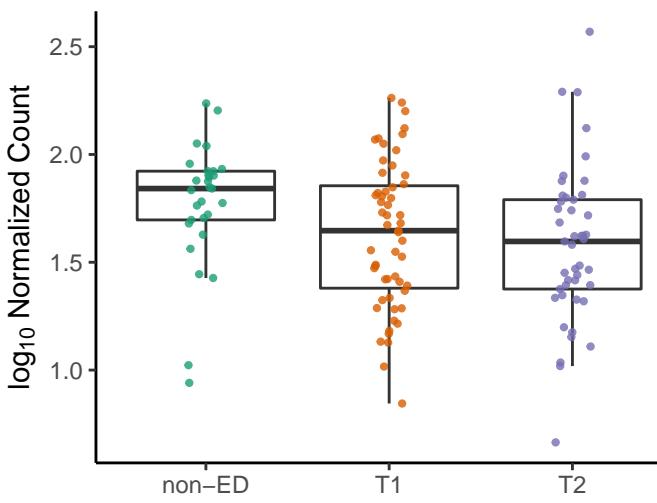
### [*Eubacterium*] sulci

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.92



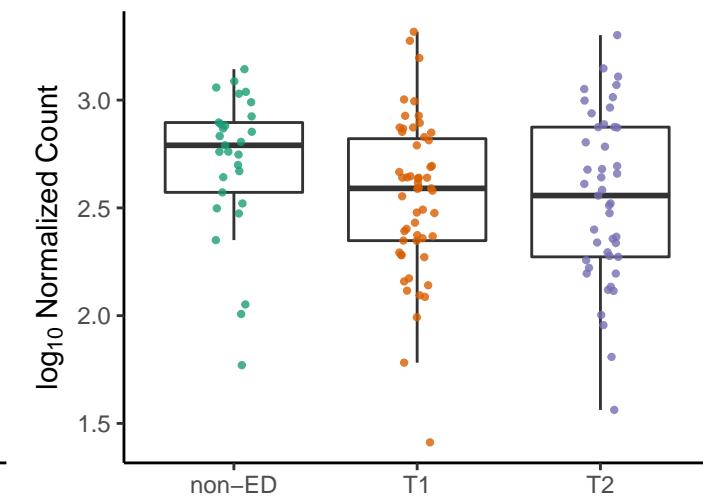
### *Calothrix* sp. NIES-2100

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



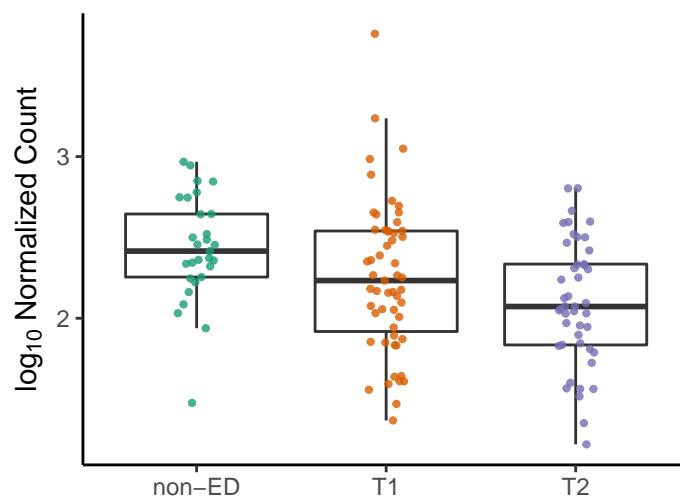
### *Clostridium* argentinense

non-ED vs. T1 adjusted p = 0.073  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.95



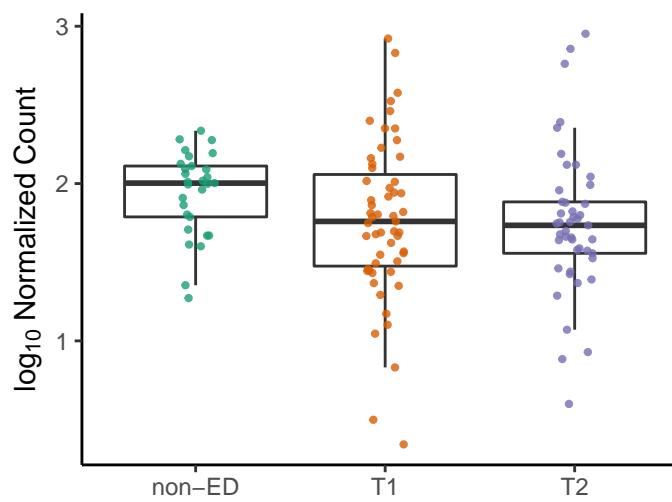
### Unclassified Kosakonia Genus

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.85



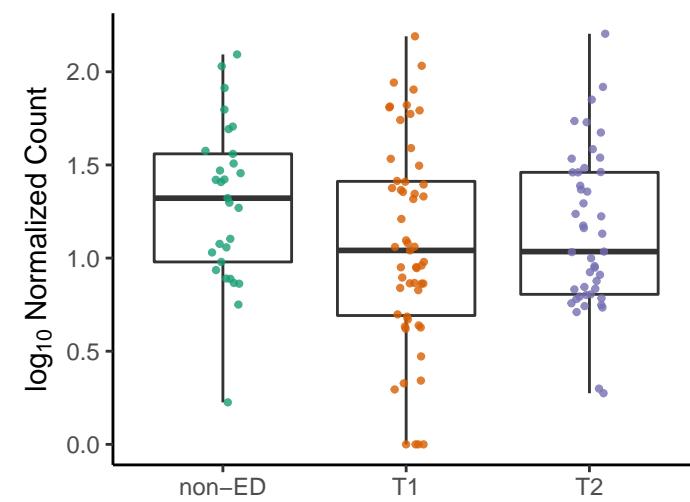
### candidate division Zixibacteria bacterium

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.93



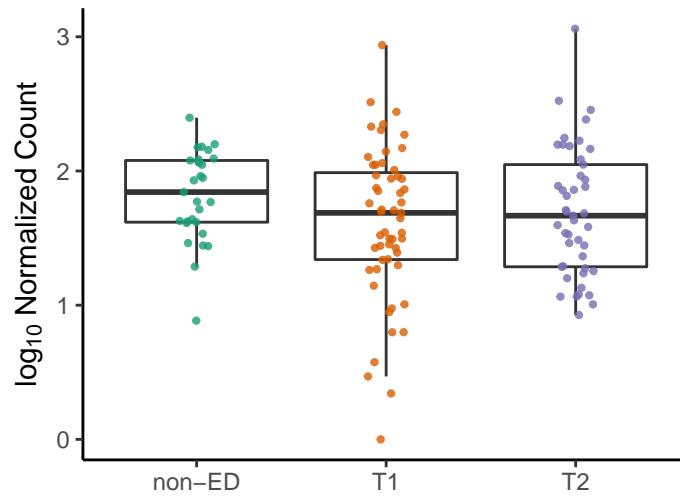
### Delftia sp. Cs1–4

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



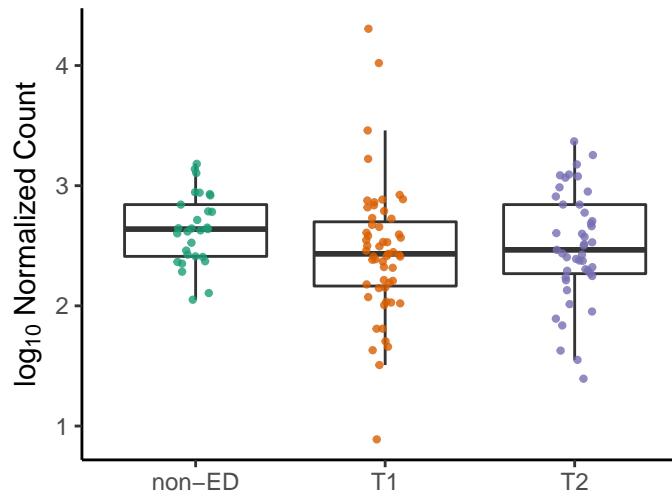
### Hydrogenophaga sp. PAMC20947

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.85



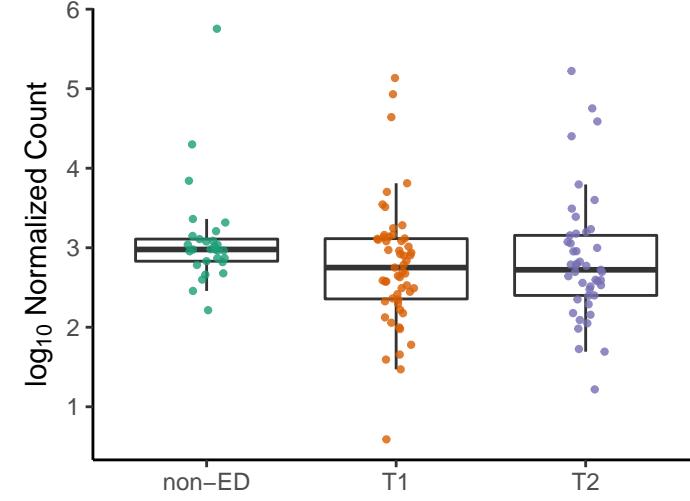
### Clavibacter michiganensis

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.85



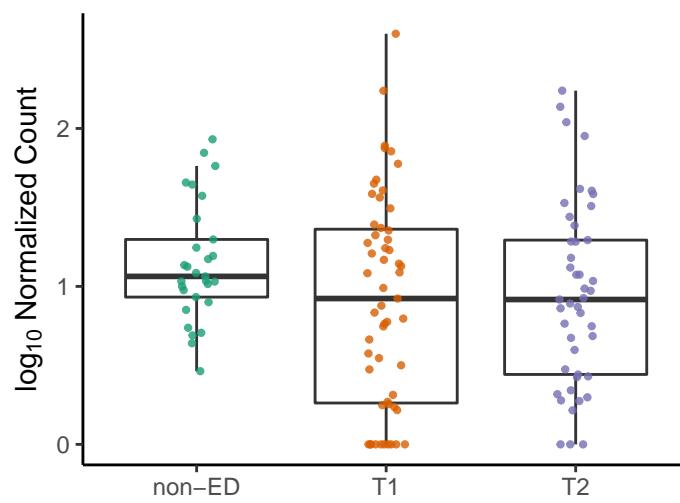
### Desulfovibrio piger

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.87



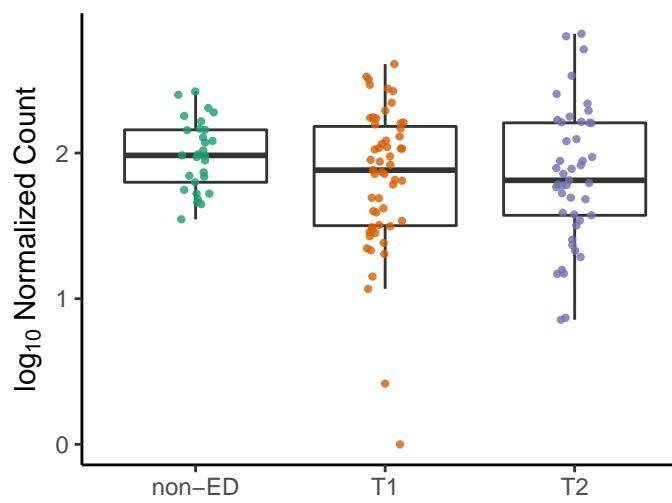
### Kocuria indica

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.94



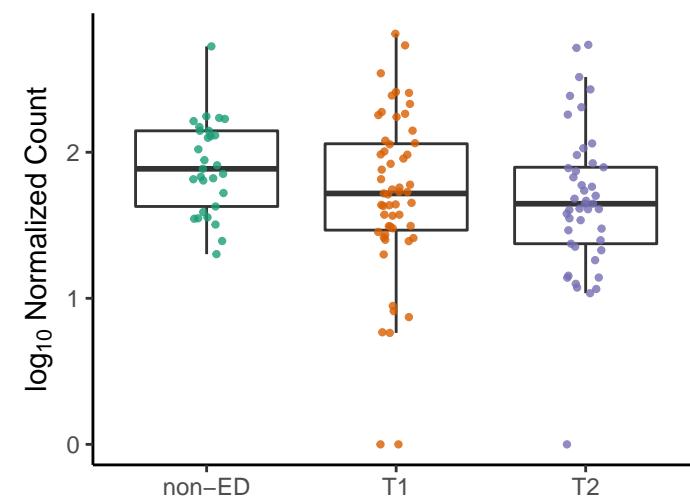
### Martelella mediterranea

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.89



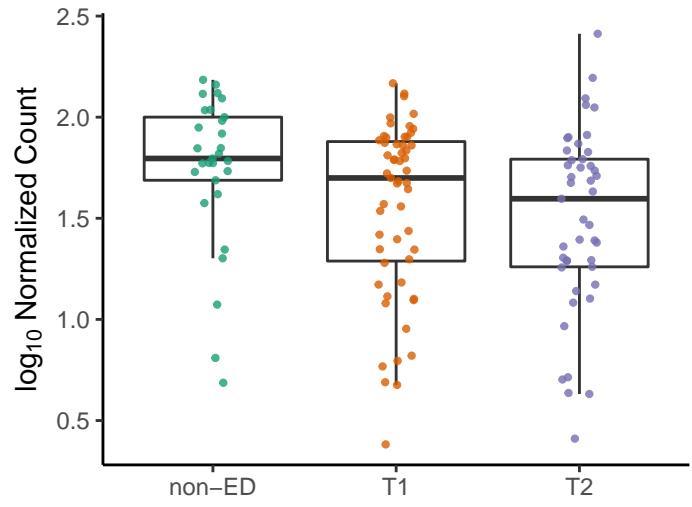
### Streptomyces ficellus

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 1



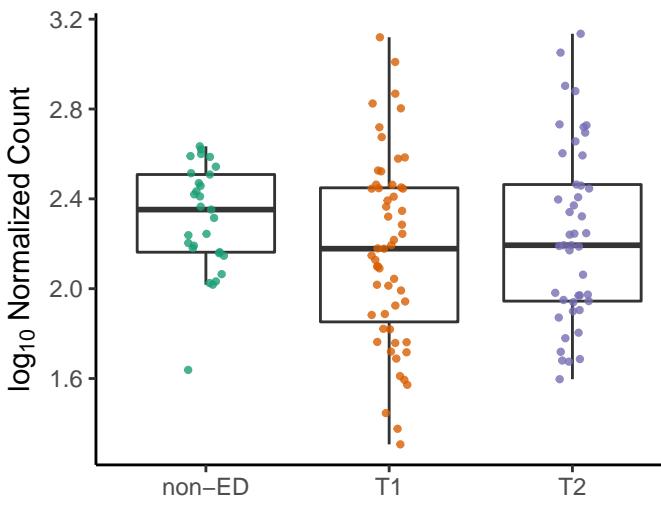
### Ogataea parapolymerpha

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.91



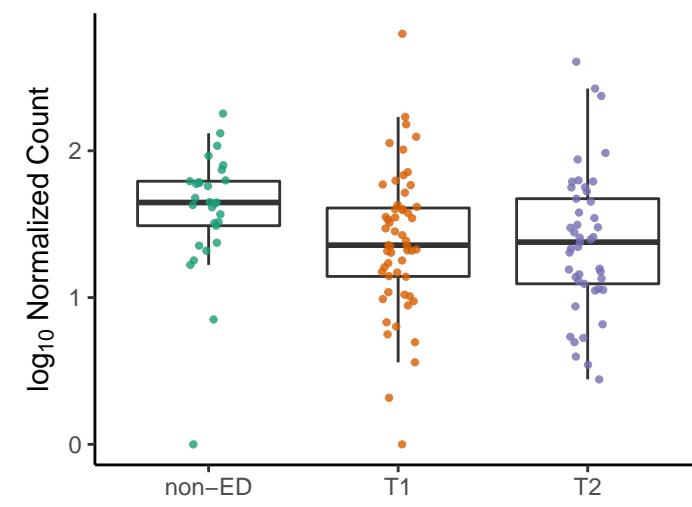
### Pyricularia pennisetigena

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.39  
T1 vs. T2 adjusted p = 0.85



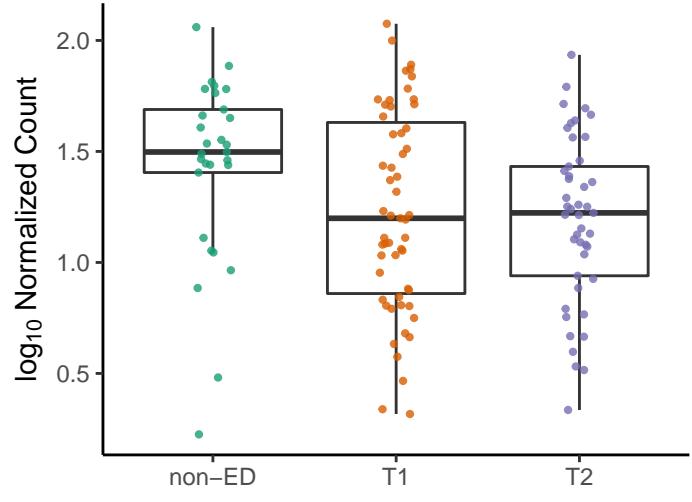
### Octadecabacter arcticus

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.95



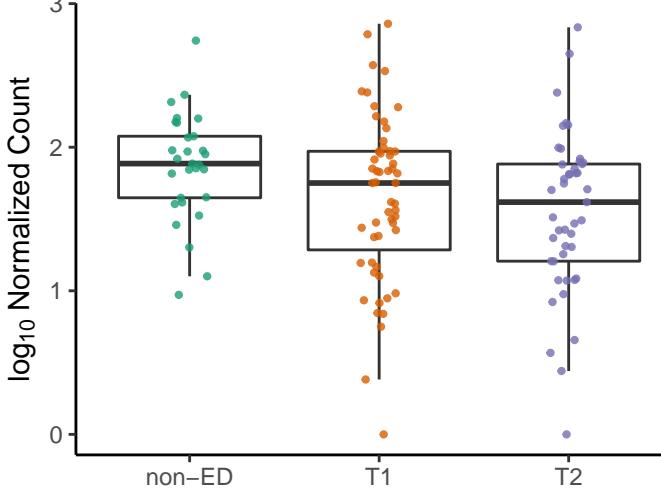
### Cetia pacifica

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.85



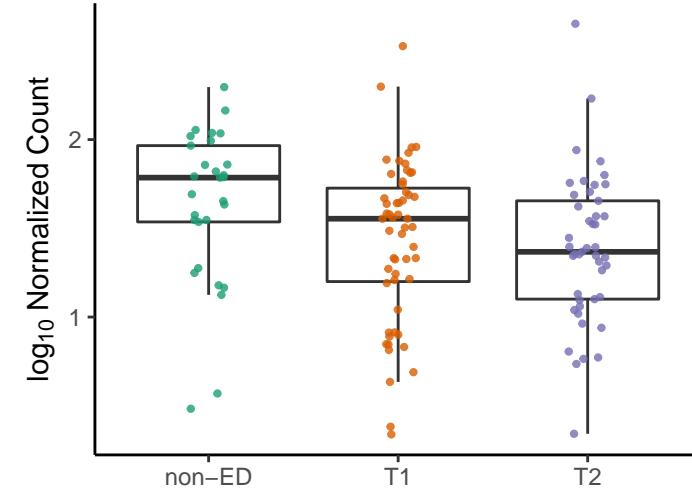
### Enterobacter chengduensis

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.87



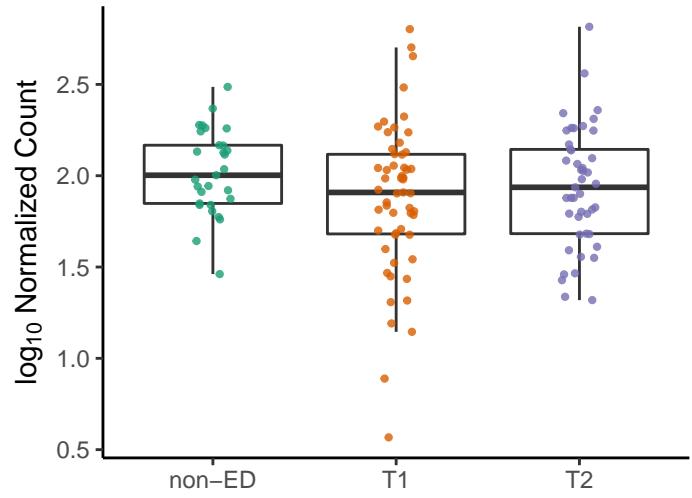
### Flavobacterium psychrophilum

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



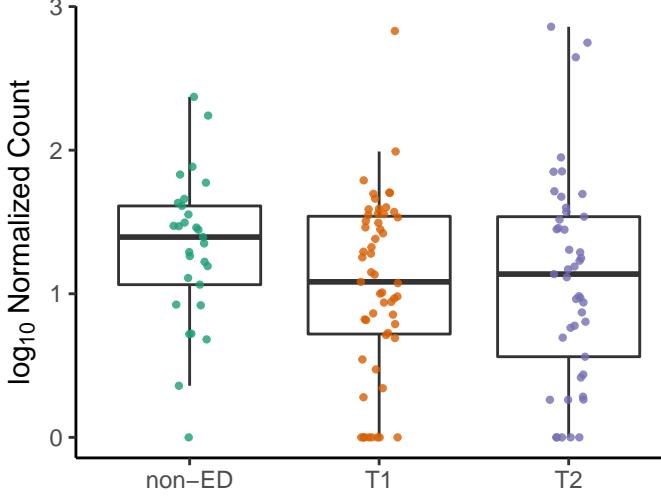
### Unclassified Erwinia Genus

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.85



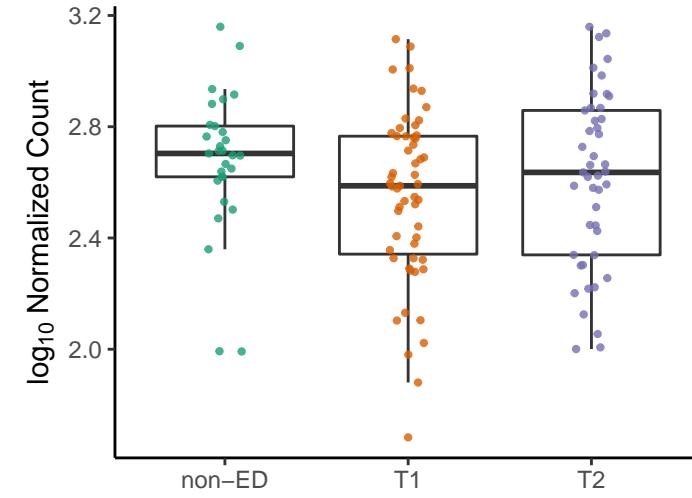
### Thermococcus sp. P6

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.88



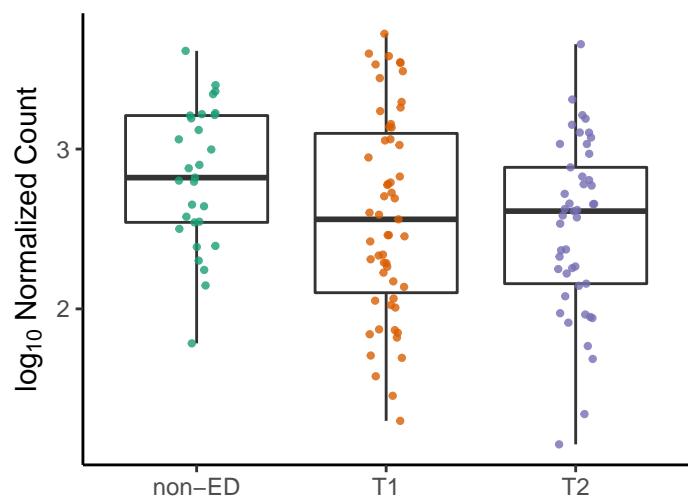
### Paenibacillus stellifer

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.85



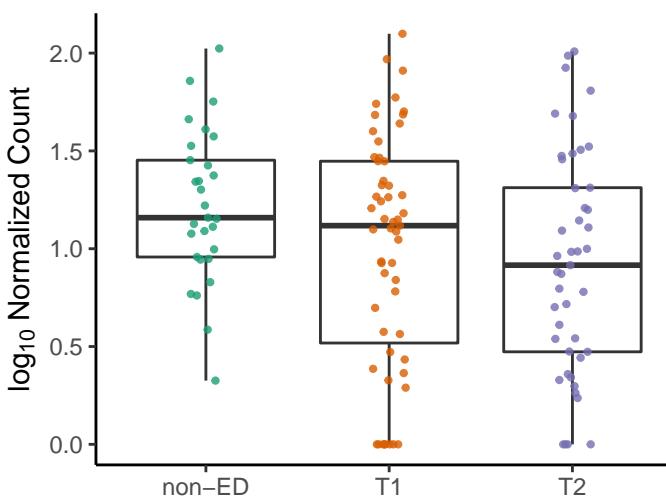
### *Streptococcus australis*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.9



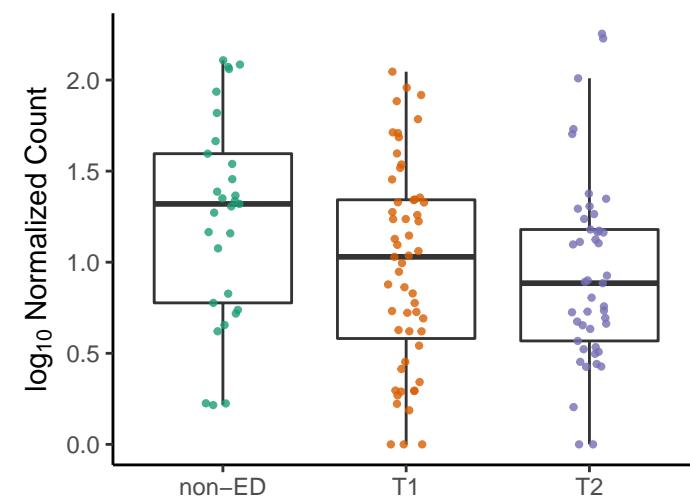
### *Brevundimonas* sp. GW460-12-10-14

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.92



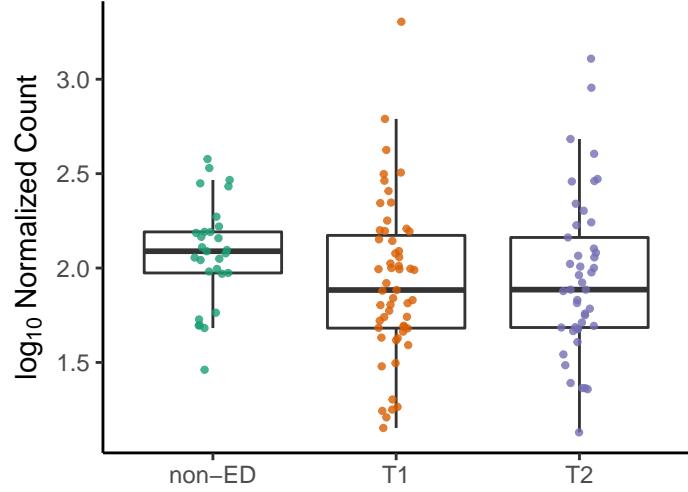
### *Candidatus Planktophila limnetica*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.92



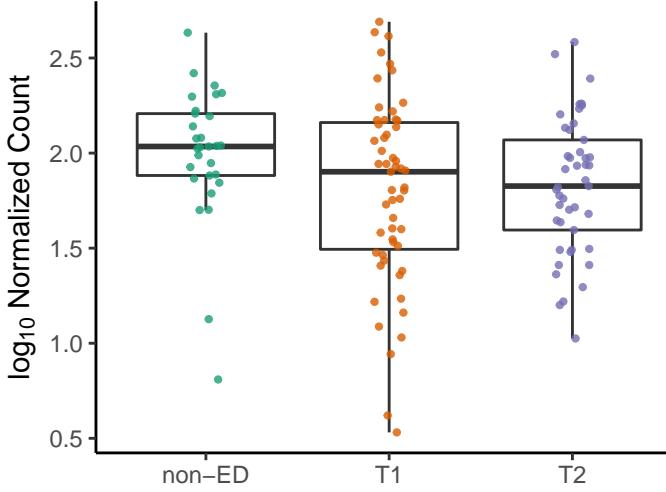
### Unclassified Thermococcus Genus

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.91



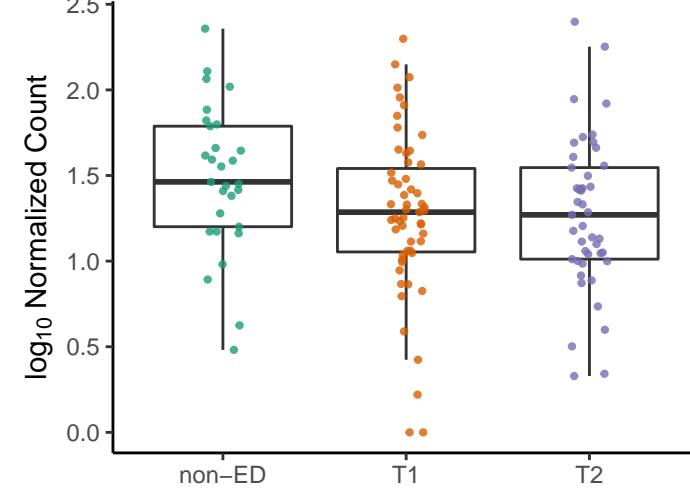
### *Sulfuricaulis limicola*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.86



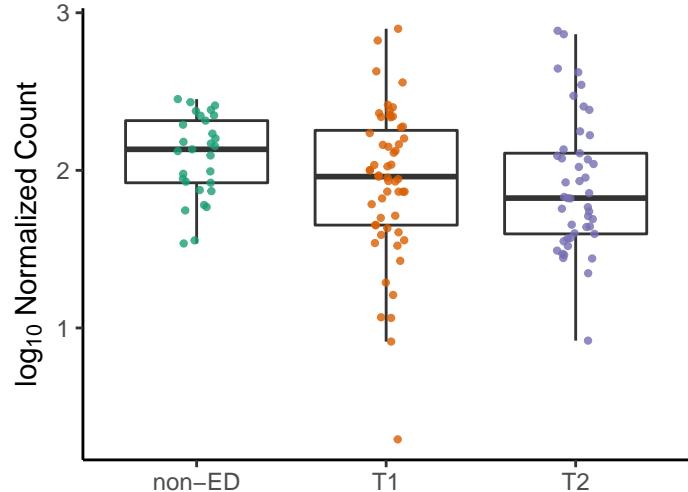
### *Yersinia hibernica*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.079  
 T1 vs. T2 adjusted p = 0.98



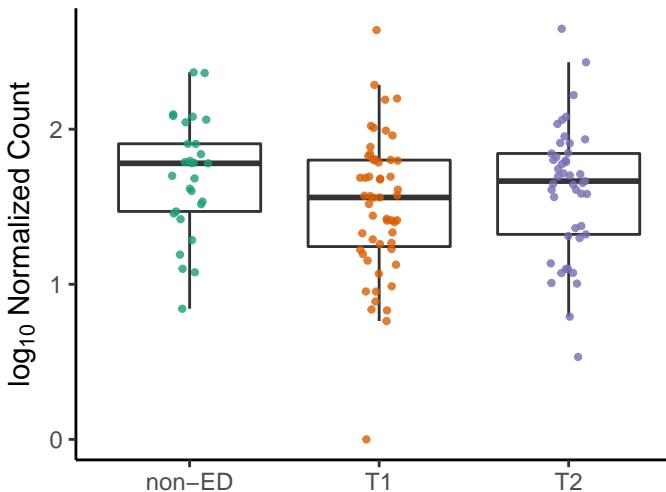
### Unclassified Pseudonocardiaceae Family

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 1



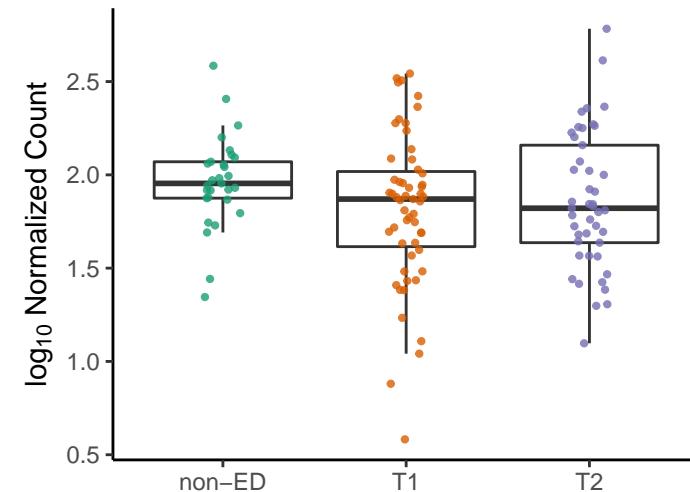
### *Corynebacterium callunae*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



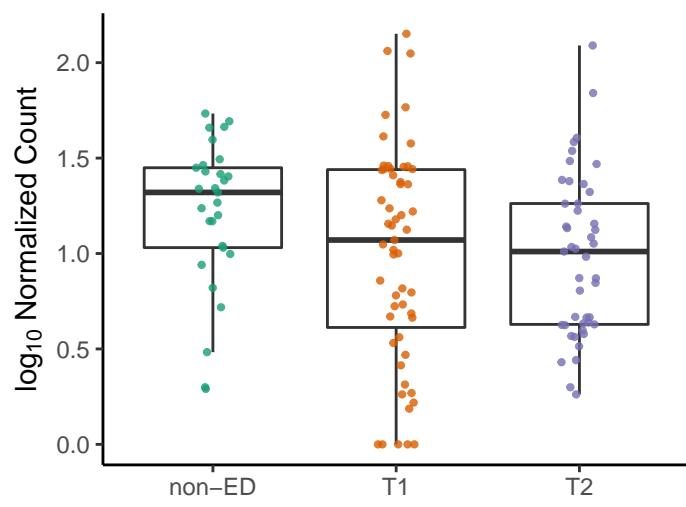
### *Serratia symbiotica*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.85



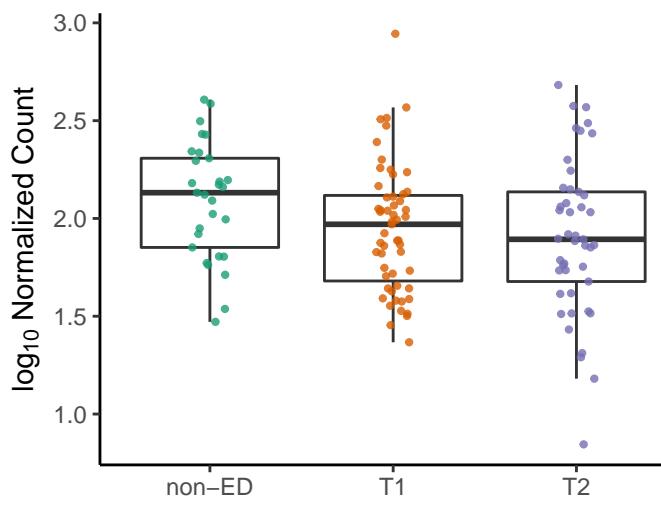
### *Sphingopyxis granuli*

non-ED vs. T1 adjusted p = 0.074  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.97



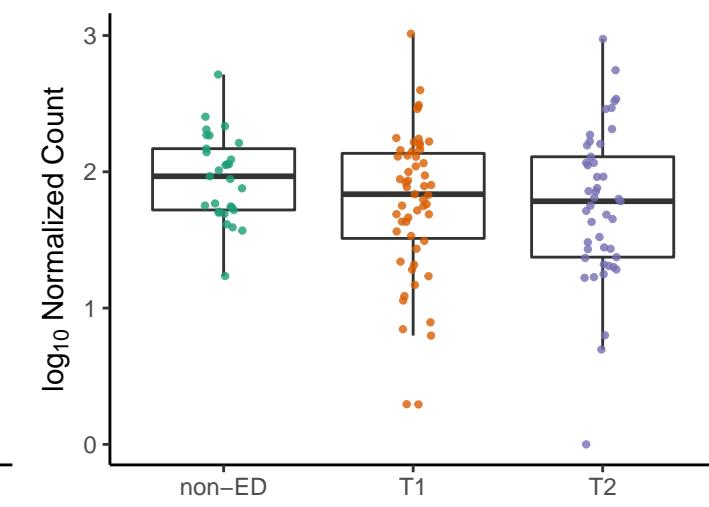
### *Flammeovirga sp. MY04*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.85



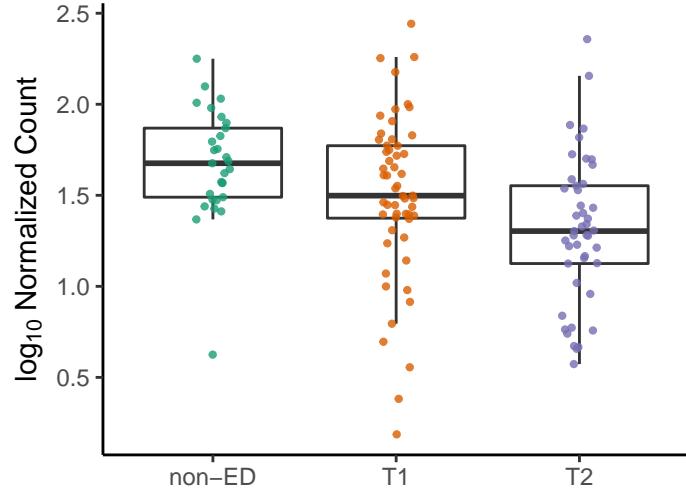
### *Arenimonas daejeonensis*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.96



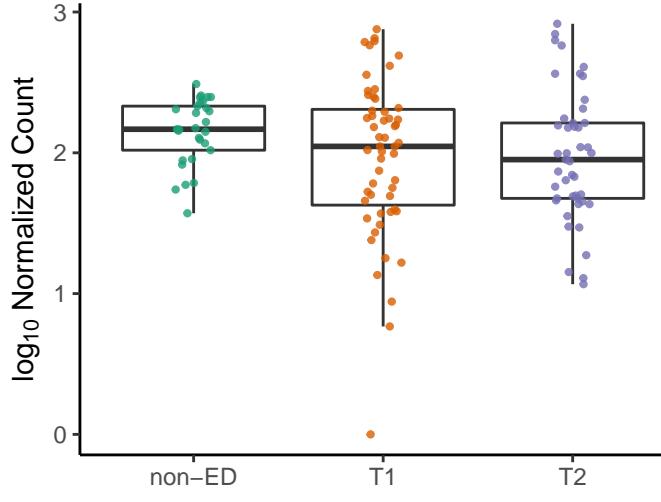
### *Candidatus Hamiltonella defensa*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.0022  
 T1 vs. T2 adjusted p = 0.85



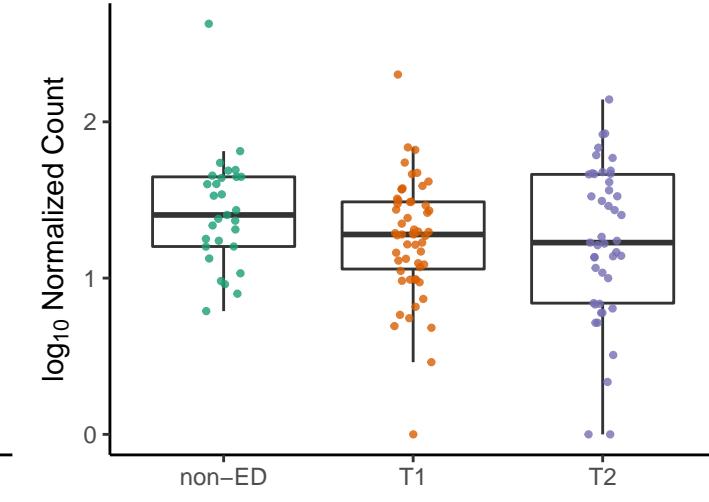
### *Gemmata obscuriglobus*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.91



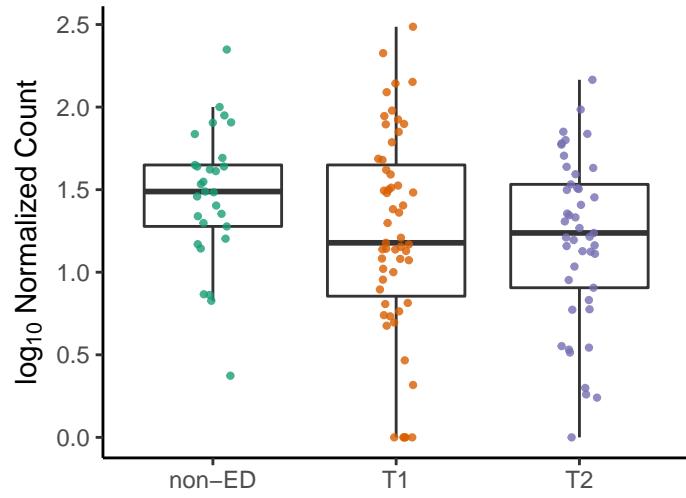
### *Idiomarina andamanensis*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.097  
 T1 vs. T2 adjusted p = 0.92



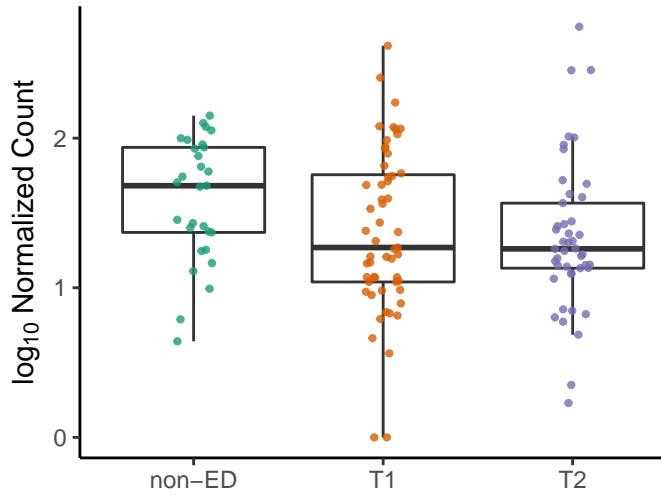
### Unclassified Zoogloaceae Family

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



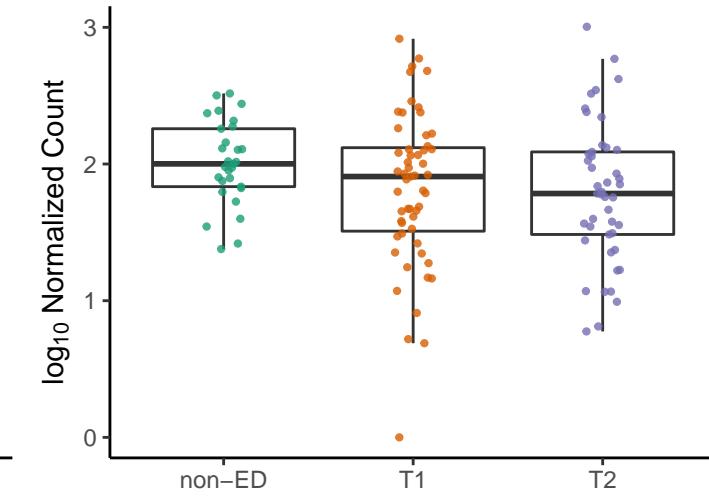
### *Mycoplasma californicum*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.85



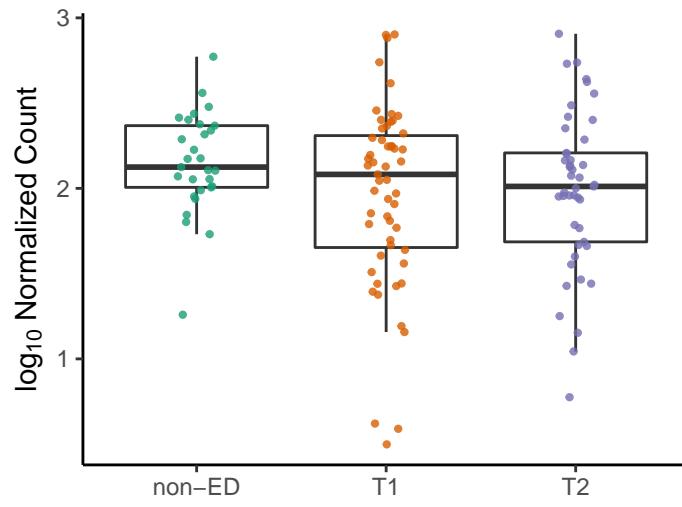
### *Streptomyces alboflavus*

non-ED vs. T1 adjusted p = 0.075  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.95



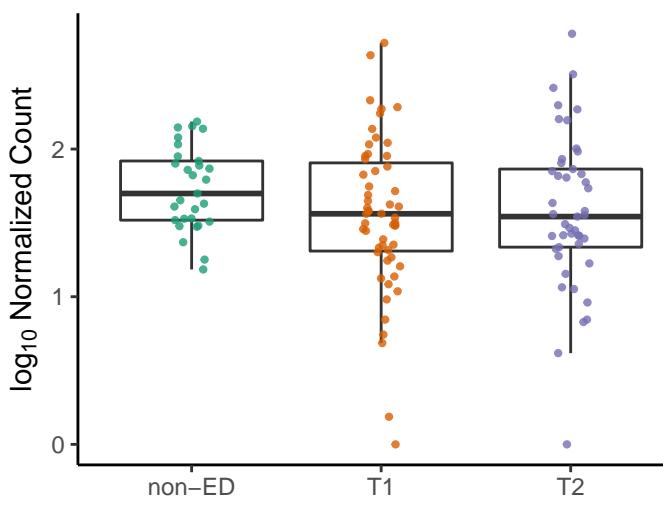
### Unclassified Acidovorax Genus

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.87



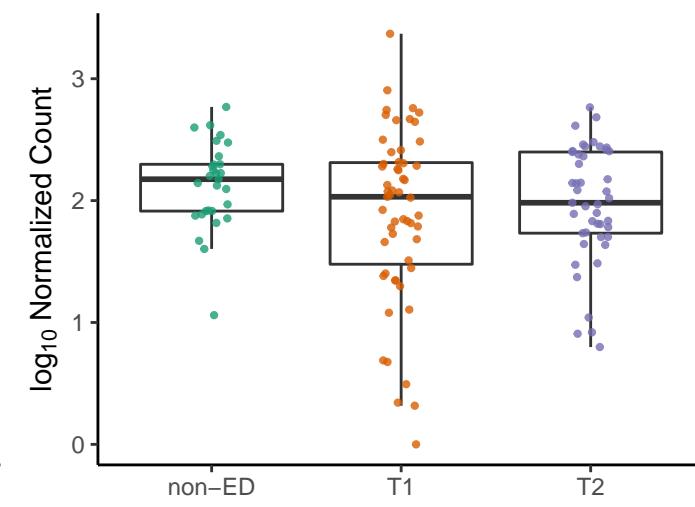
### *Corynebacterium choanis*

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.97



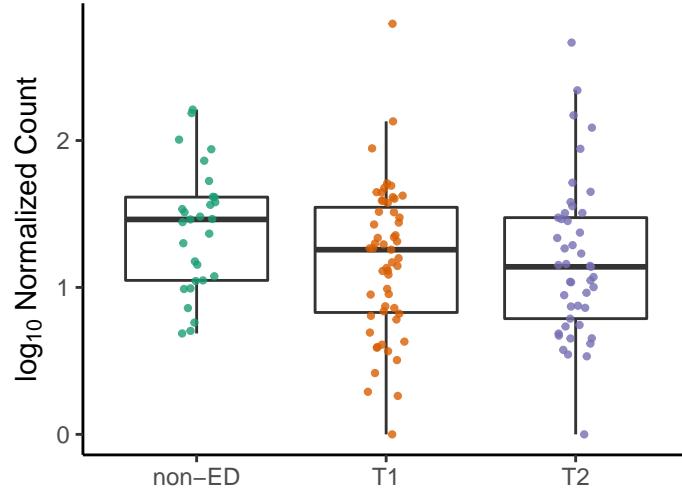
### *Streptomyces vinaceus*

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



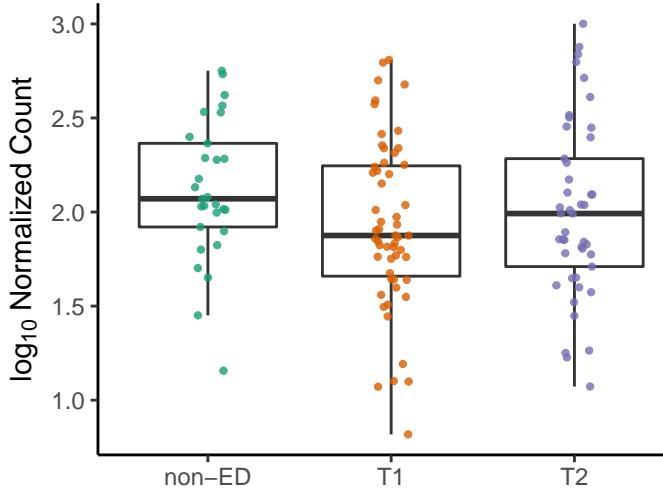
### *Haloquadratum walsbyi*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.97



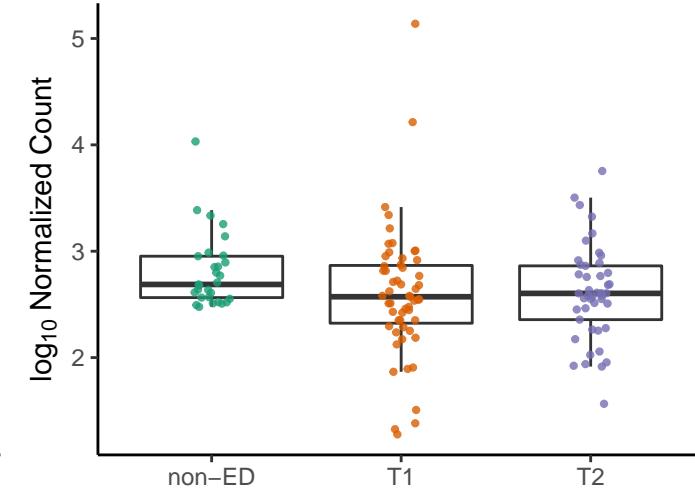
### *Celeribacter indicus*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.31  
T1 vs. T2 adjusted p = 0.85



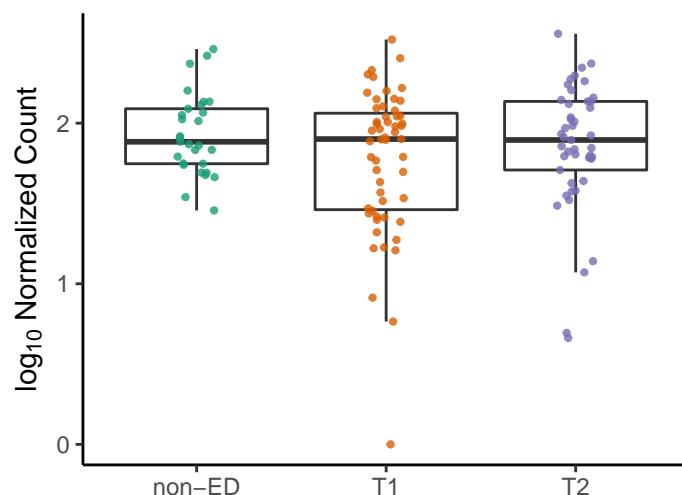
### *Victivallales bacterium CCUG 44730*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.9



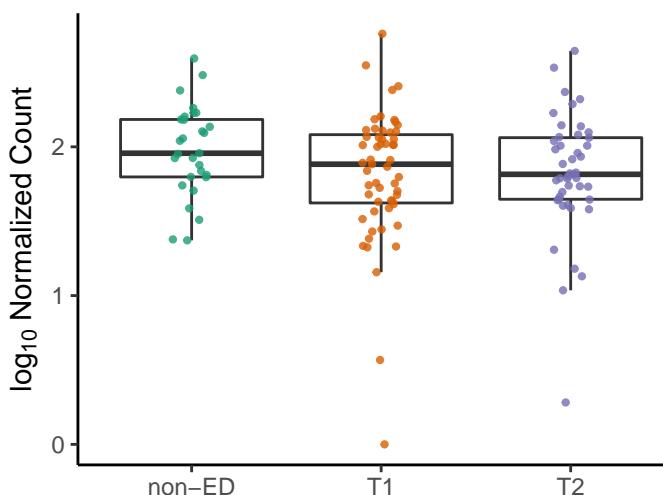
### *Austwickia chelonae*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.37  
T1 vs. T2 adjusted p = 0.87



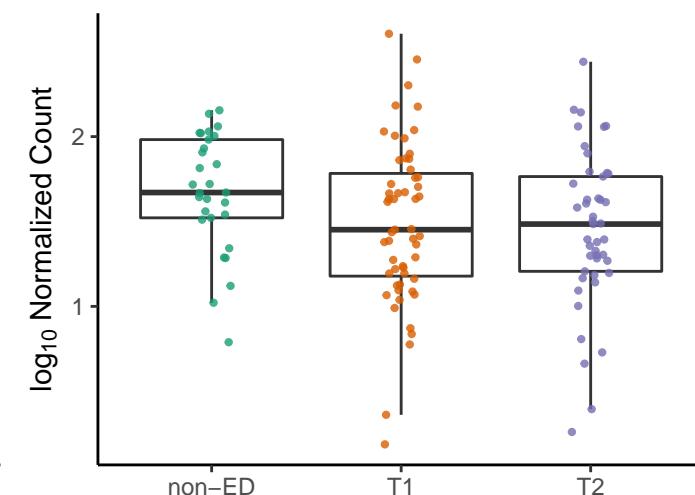
### *Chelativorans sp. BNC1*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.88



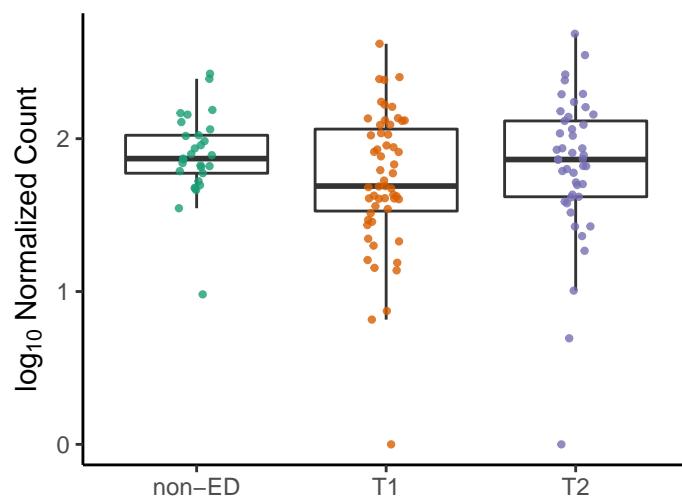
### *Vibrio astriarenae*

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.87



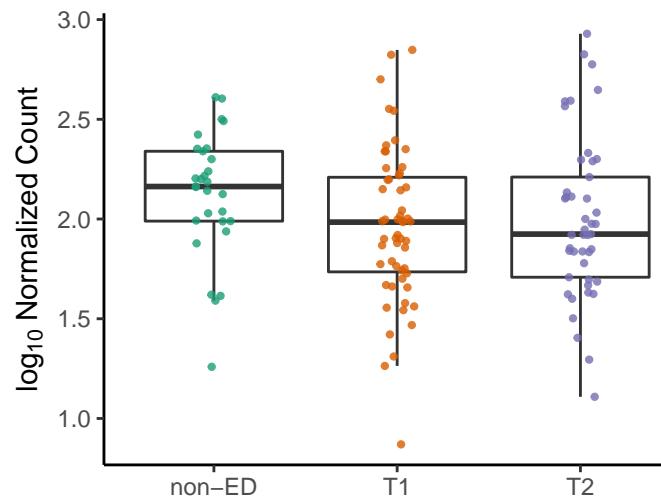
### *Methylocystis rosea*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.48  
 T1 vs. T2 adjusted p = 0.85



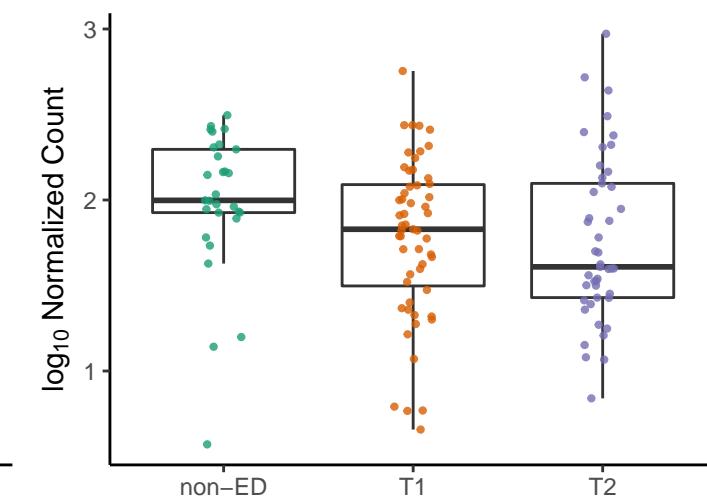
### *Cercospora beticola*

non-ED vs. T1 adjusted p = 0.076  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.87



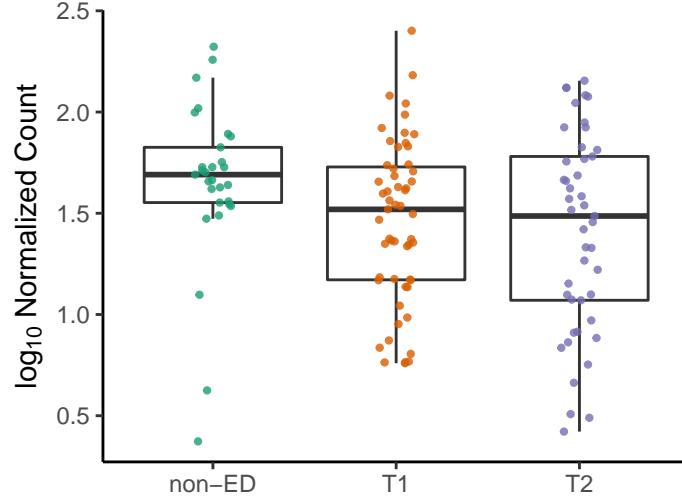
### *Campylobacter lari*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.87



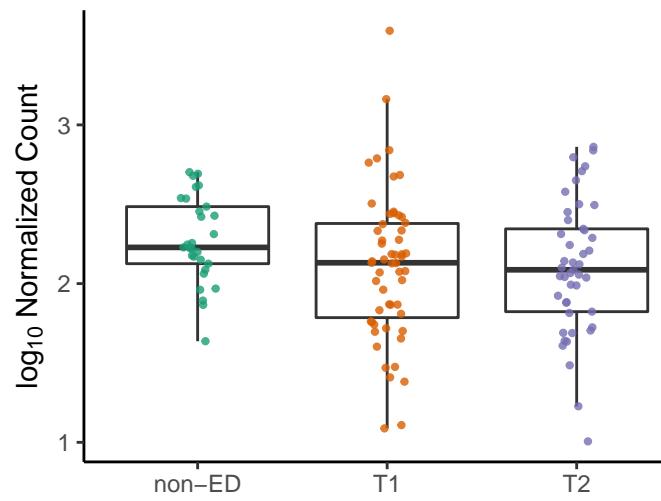
### *Vibrio metschnikovii*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.85



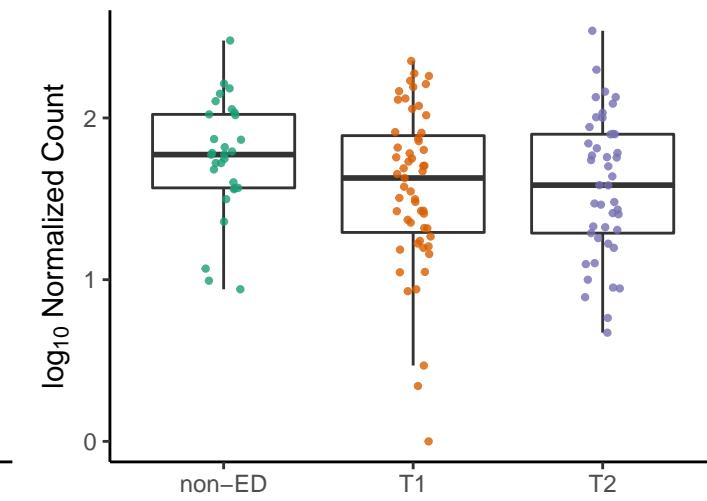
### [Enterobacter] lignolyticus

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.97



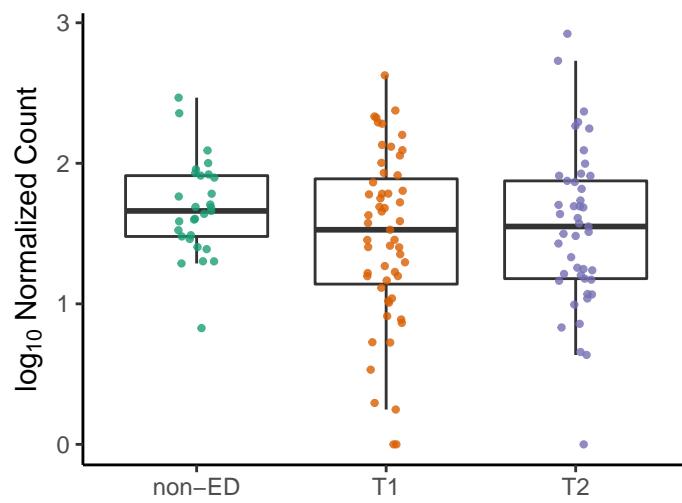
### *Calothrix brevissima*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.87



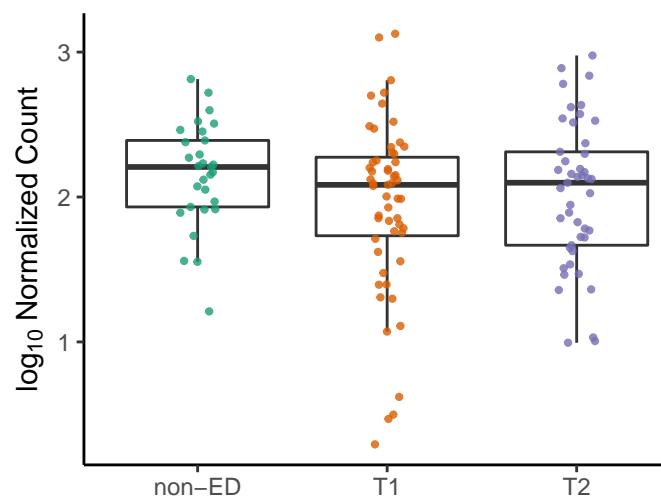
### *Rathayibacter sp. VKM Ac-2804*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



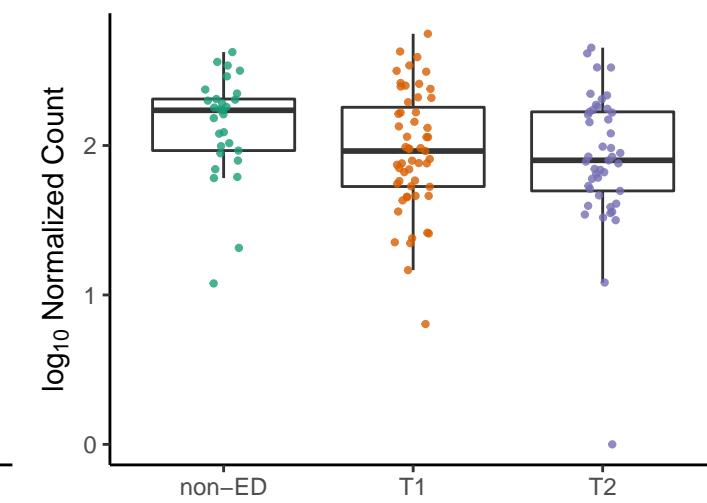
### *Georgenia sp. Z443*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



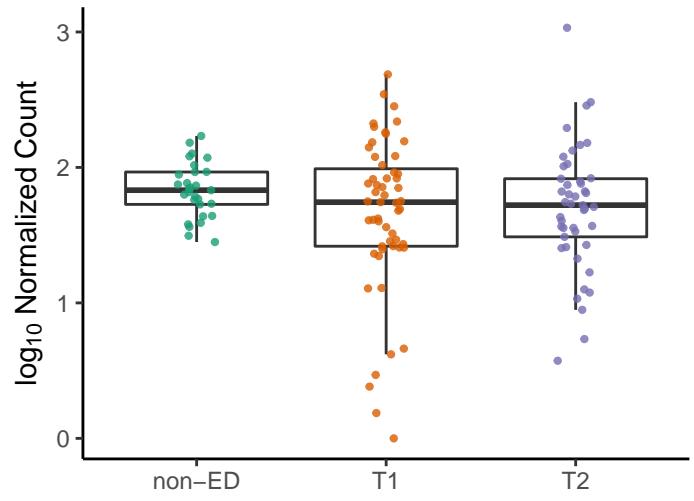
### *Halanaerobium praevalens*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.91



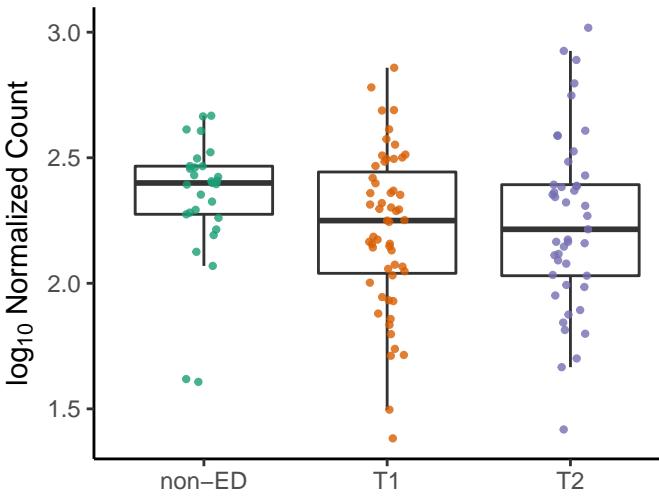
### *Halomonas* sp. THAF5a

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.85



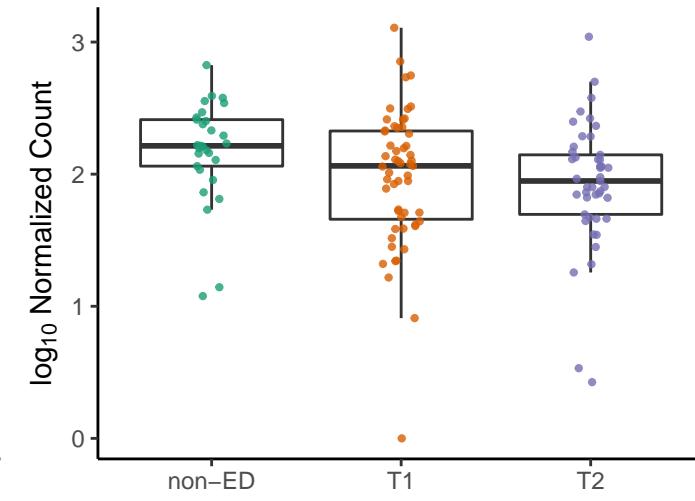
### *Paenibacillus jilunlii*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.88



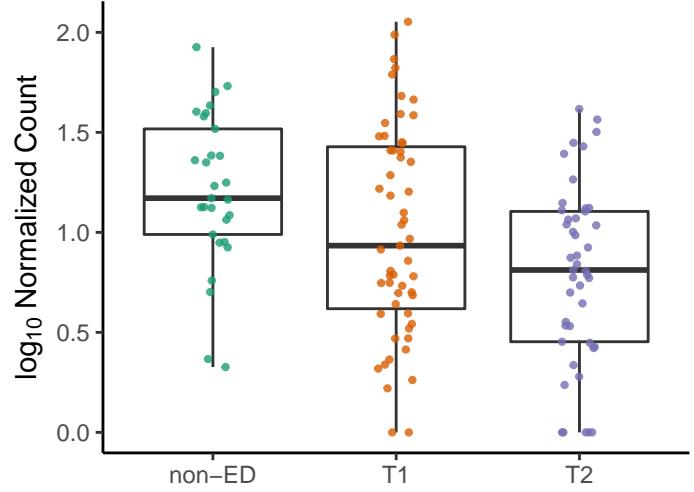
### Bacteroidales bacterium CF

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.037  
 T1 vs. T2 adjusted p = 0.88



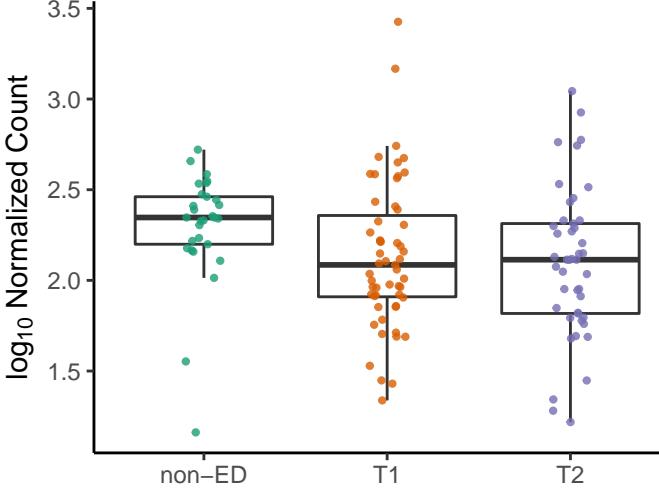
### *Ehrlichia chaffeensis*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.0027  
 T1 vs. T2 adjusted p = 0.75



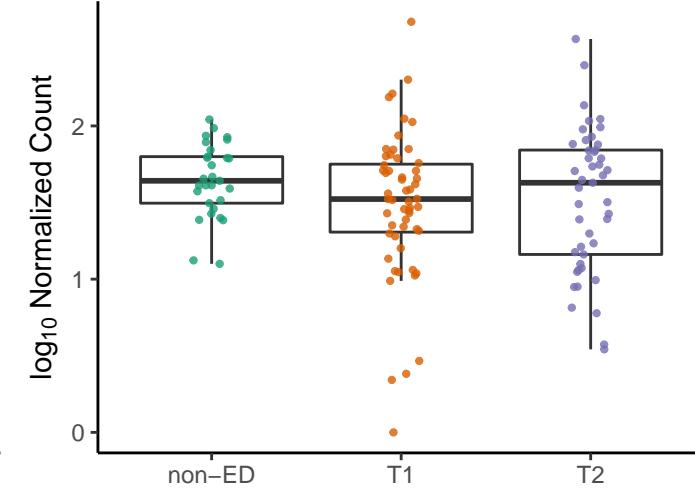
### *Fusobacterium mortiferum*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.93



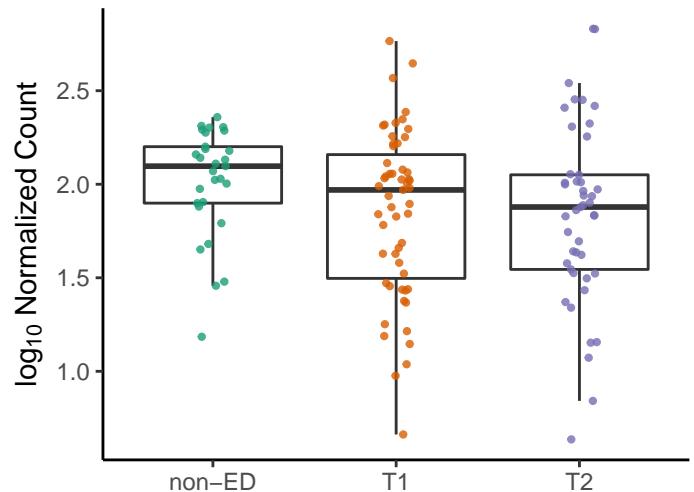
### *Methanocella paludicola*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.87



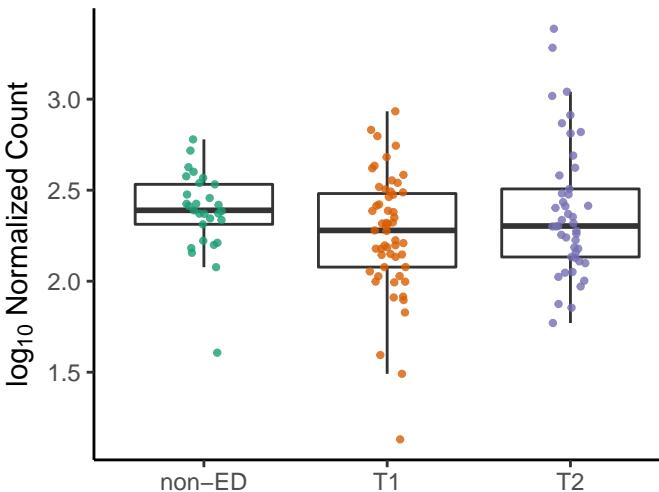
### *Mucilaginibacter ginsenosidivorax*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.095  
 T1 vs. T2 adjusted p = 0.85



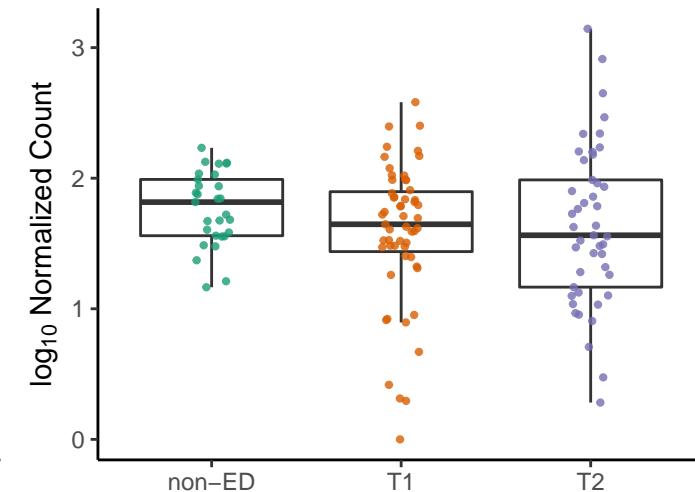
### *Paenibacillus guangzhouensis*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.98  
 T1 vs. T2 adjusted p = 0.85



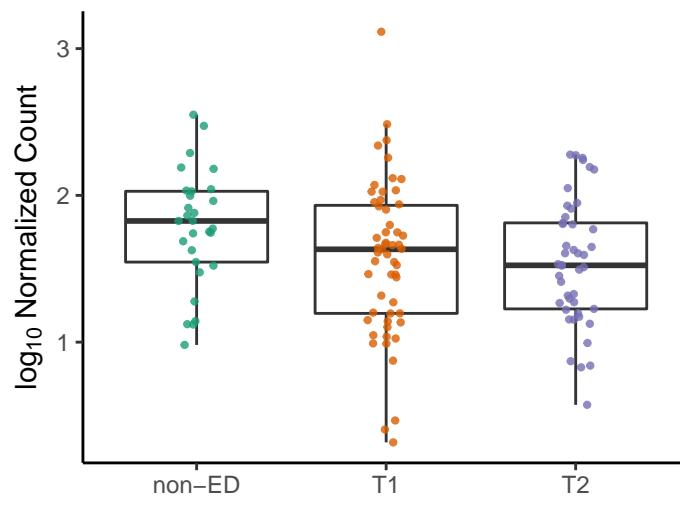
### *Protaetibacter intestinalis*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.26  
 T1 vs. T2 adjusted p = 0.85



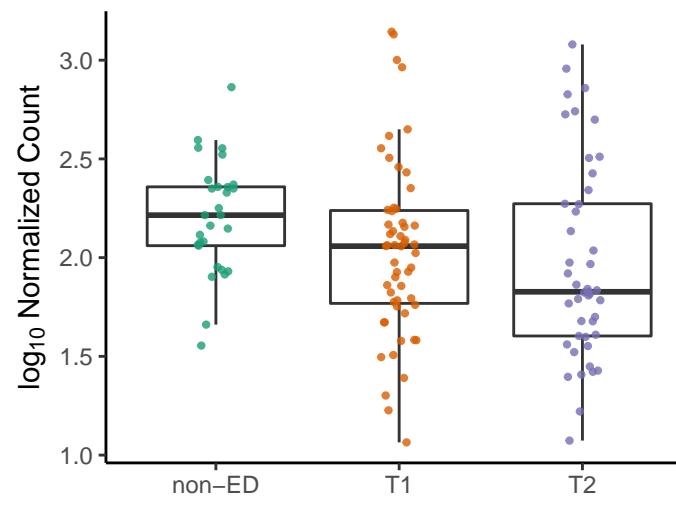
### *Turneriella parva*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 1



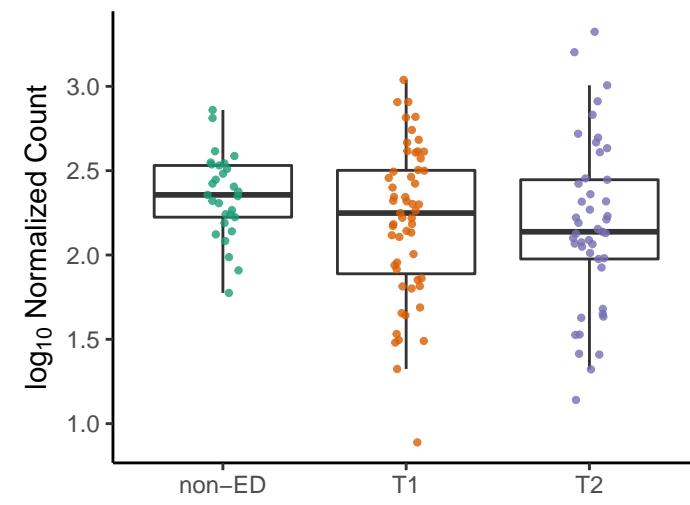
### *Cryptococcus neoformans*

non-ED vs. T1 adjusted p = 0.077  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.87



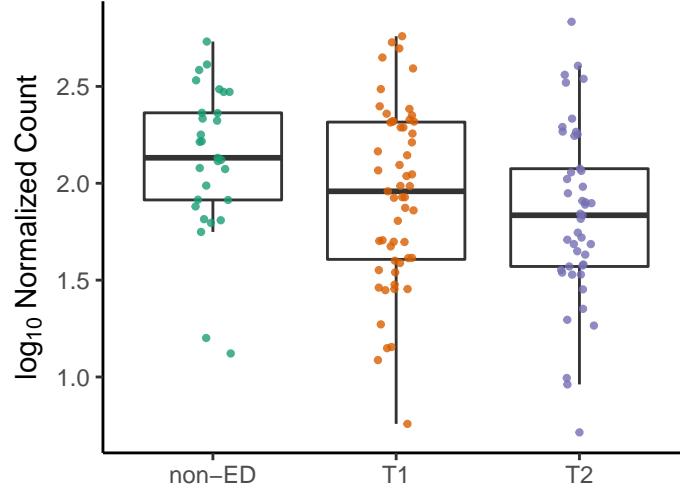
### *Aeromonas salmonicida*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 0.98



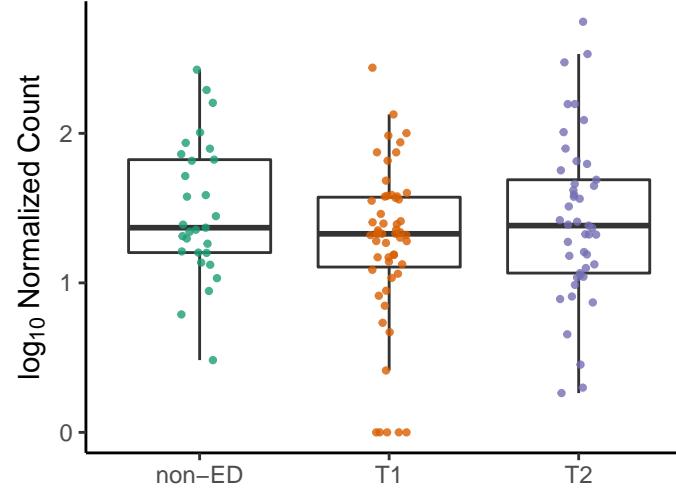
### *Acinetobacter pittii*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



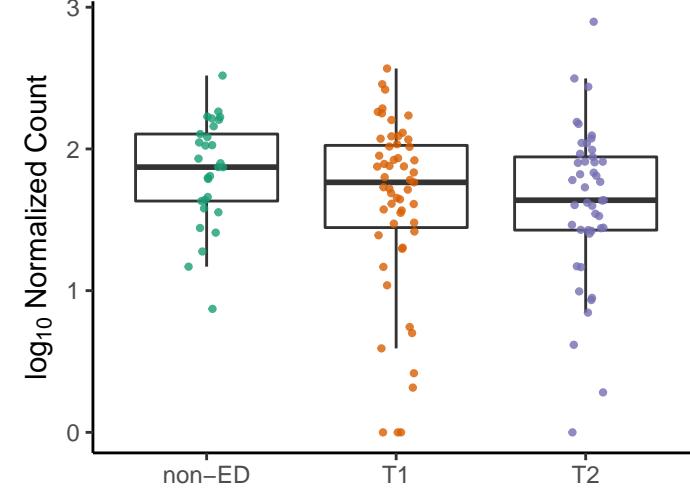
### Unclassified Chromatiaceae Family

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.62  
 T1 vs. T2 adjusted p = 0.85



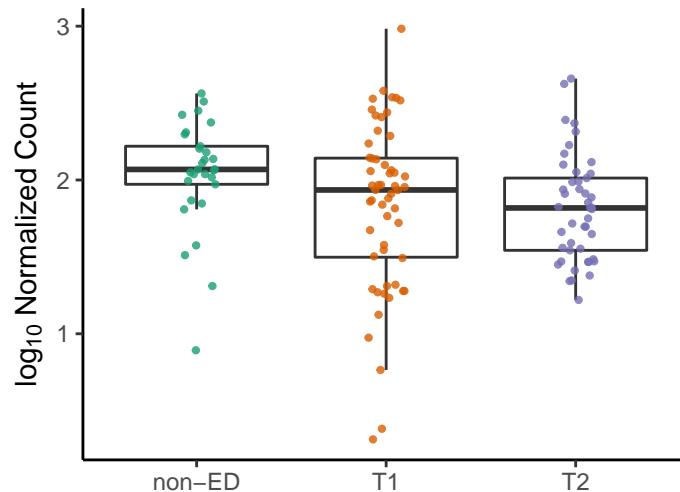
### *Swingsia* sp. F3b2

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.08  
 T1 vs. T2 adjusted p = 1



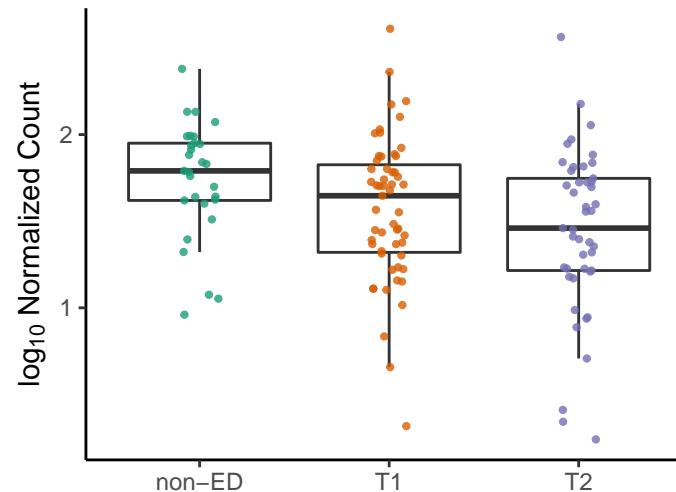
### *Magnetospira* sp. QH-2

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.92



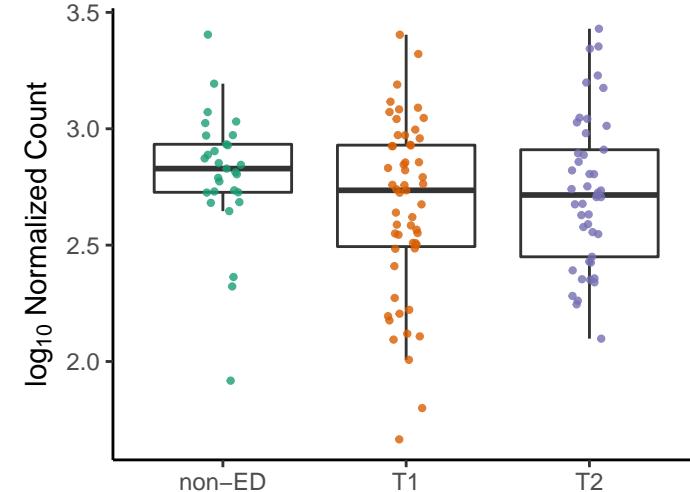
### *Neisseriaceae bacterium DSM 100970*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



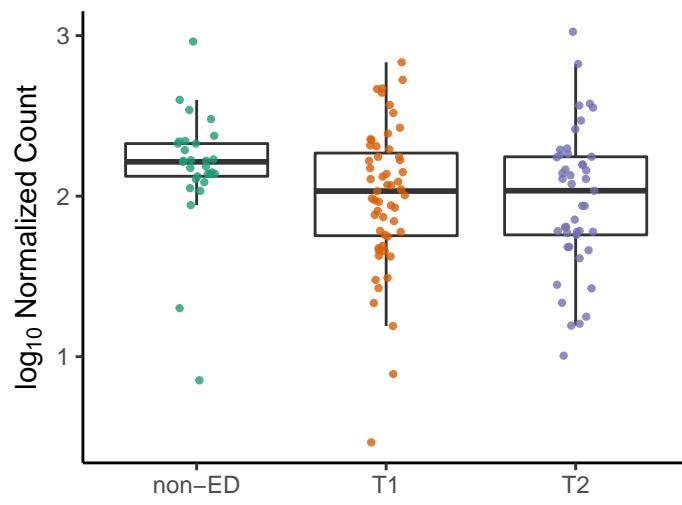
### *Dehalobacterium formicoaceticum*

non-ED vs. T1 adjusted p = 0.078  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.85



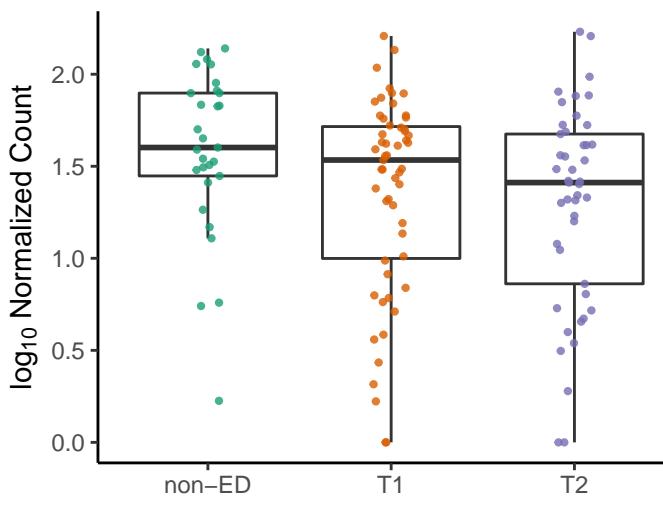
### Roseiflexus sp. RS-1

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.91



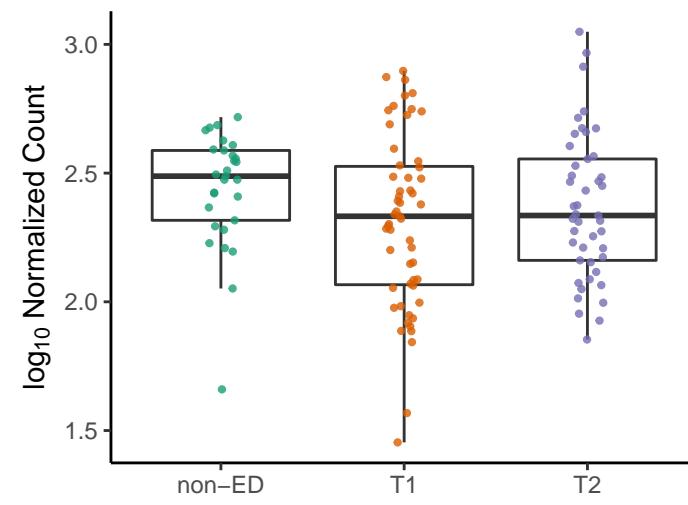
### Nonlabens sp. Hel1\_33\_55

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.85



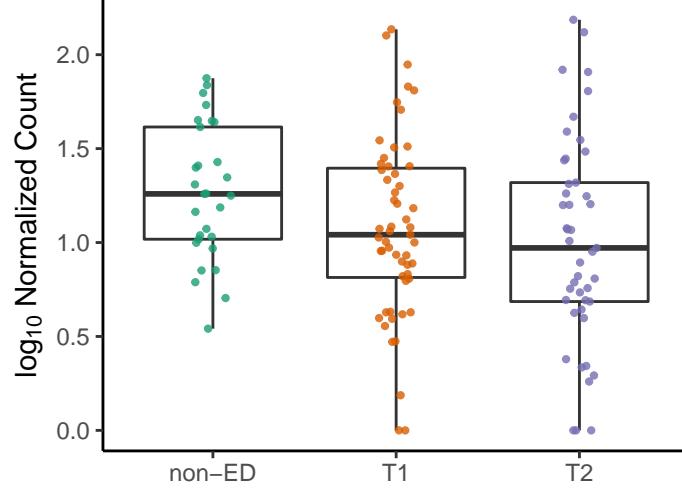
### Brevibacillus laterosporus

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.85



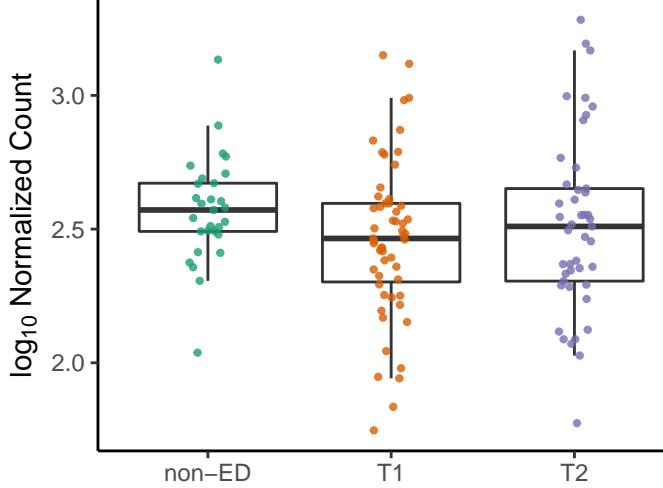
### Clostridium diolis

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.86



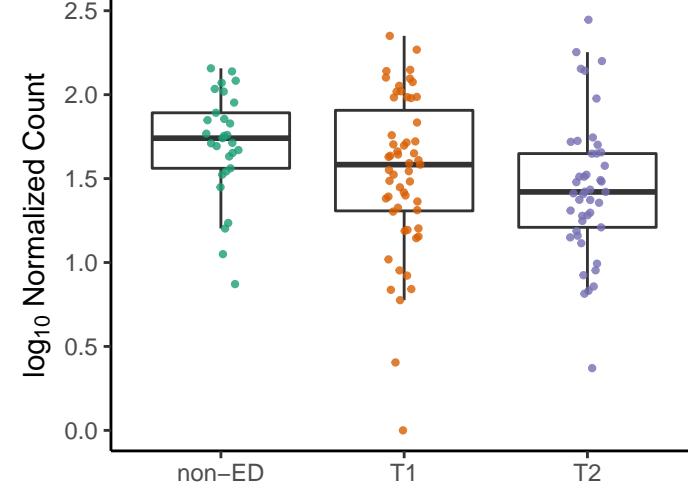
### Paenibacillus sp. FSL H7-0357

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.4  
T1 vs. T2 adjusted p = 0.85



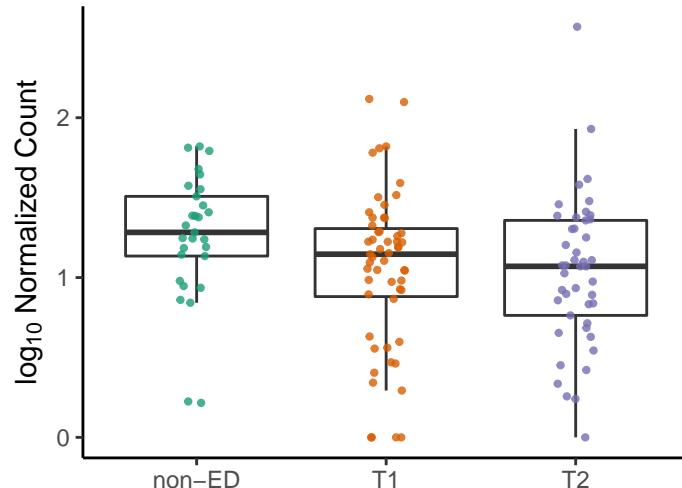
### Unclassified Fusobacteriales Order

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.85



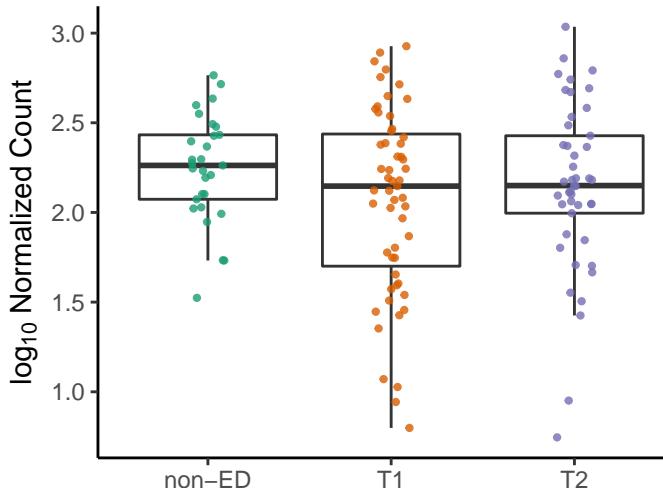
### Cuniculiplasma divulgatum

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.9



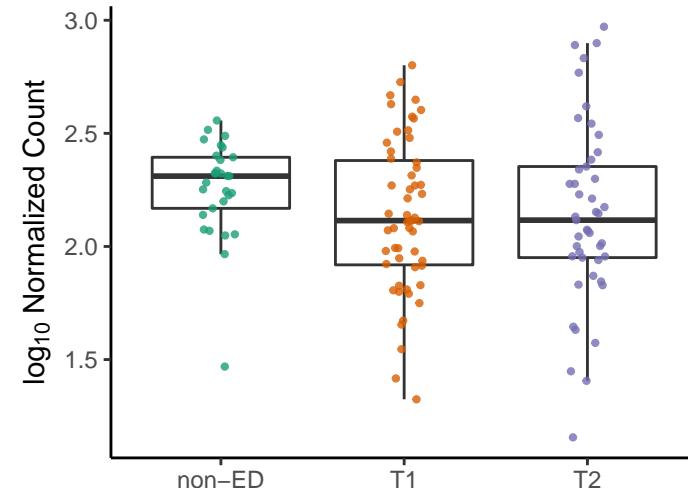
### Actinomadura sp. WMMA1423

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.85



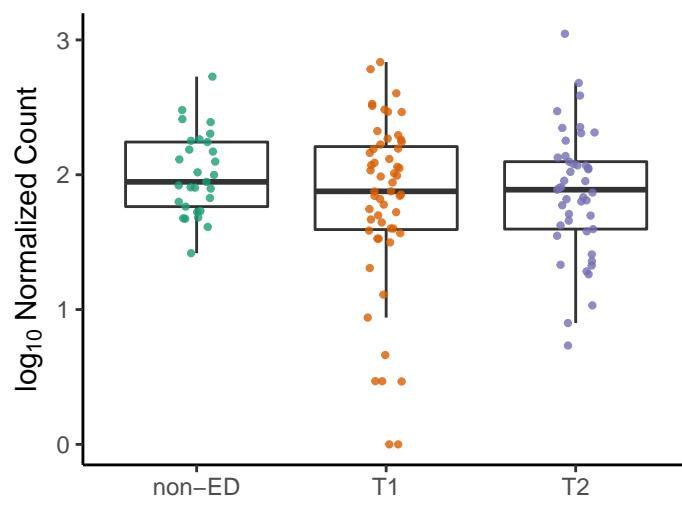
### Bacillus thermoamylovorans

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.99



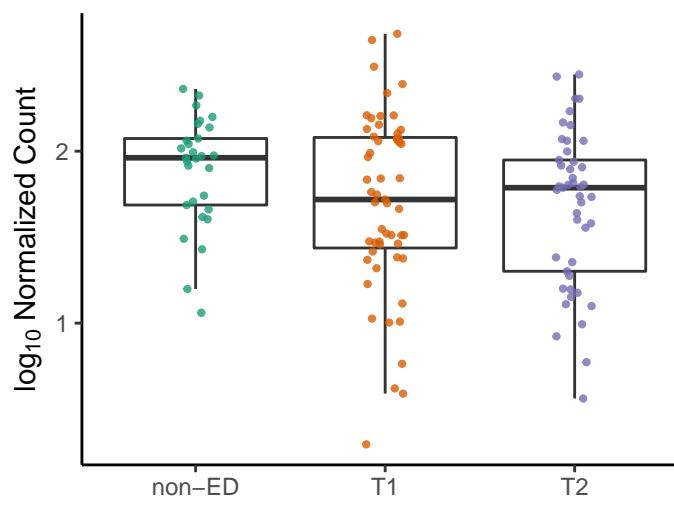
### *Micromonospora* sp. HM134

non-ED vs. T1 adjusted p = 0.079  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.85



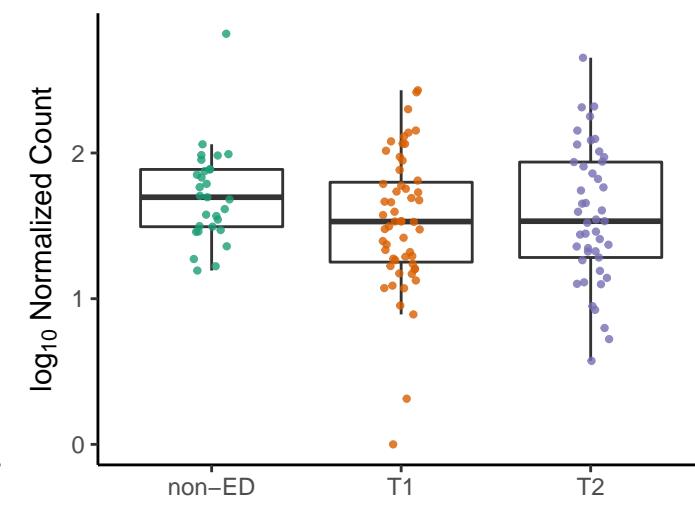
### *Pseudactinotalea* sp. HY158

non-ED vs. T1 adjusted p = 0.079  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.96



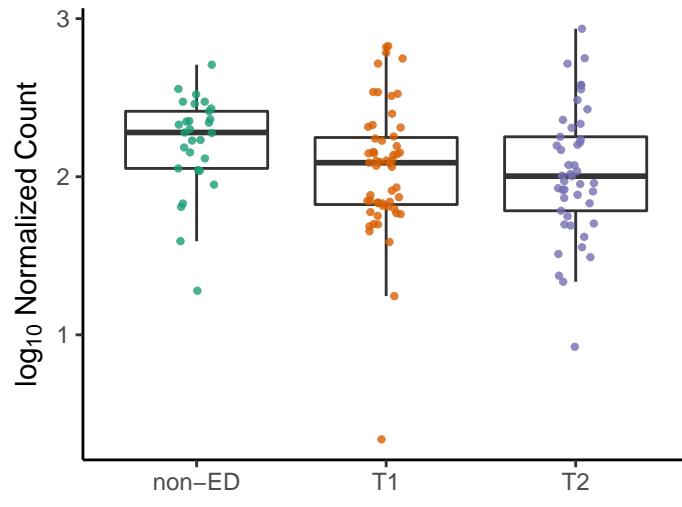
### *Celeribacter baekdonensis*

non-ED vs. T1 adjusted p = 0.079  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.87



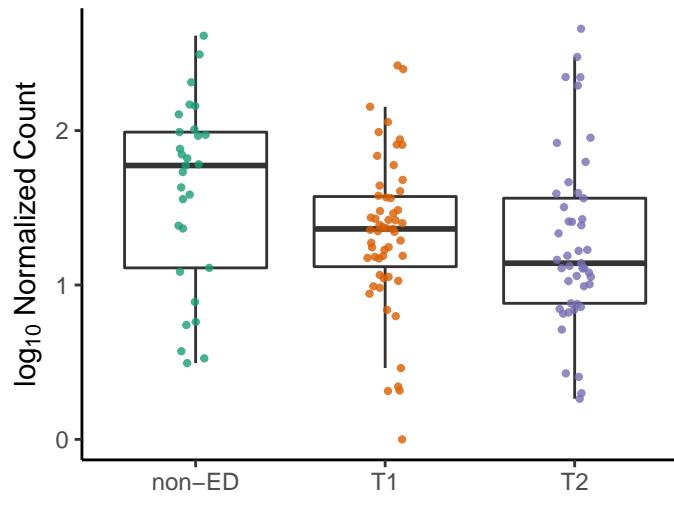
### *Jeotgalibaca* sp. H21T32

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.85



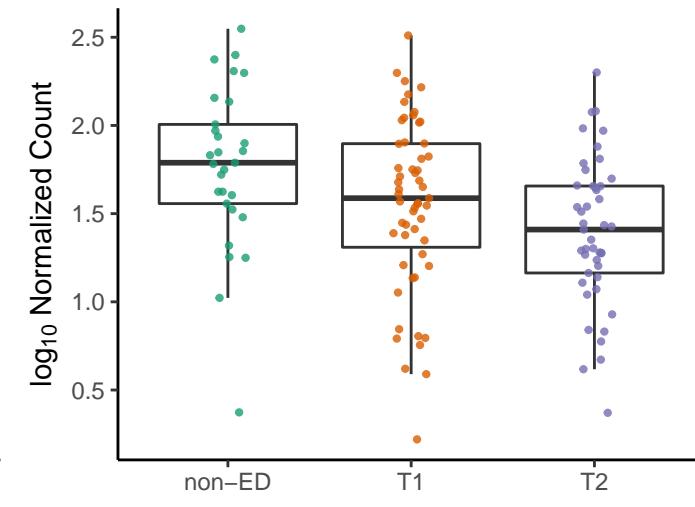
### *Pseudomonas* sp. LTJR-52

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.05  
 T1 vs. T2 adjusted p = 0.9



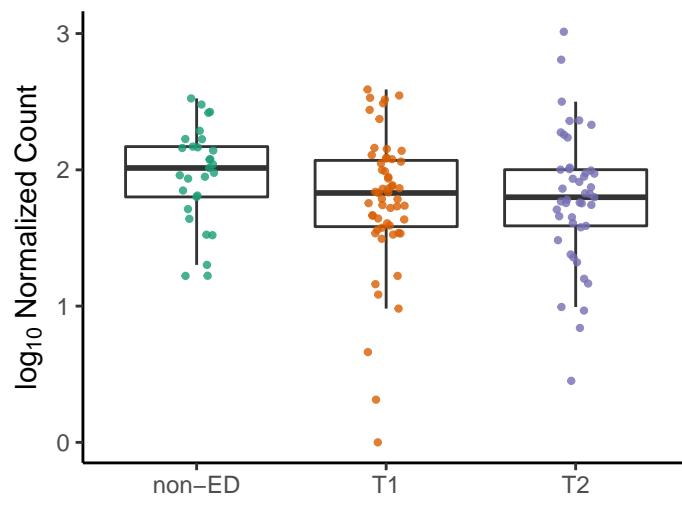
### *Komagataeibacter medellinensis*

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.0083  
 T1 vs. T2 adjusted p = 0.85



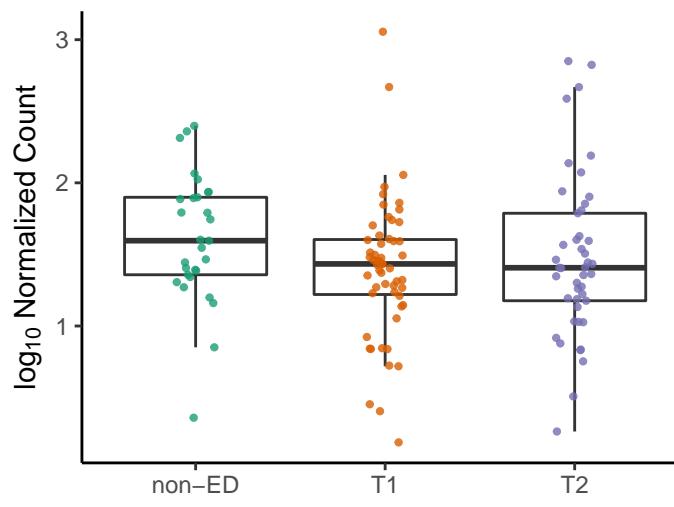
### *Bradyrhizobium* sp. SK17

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.93



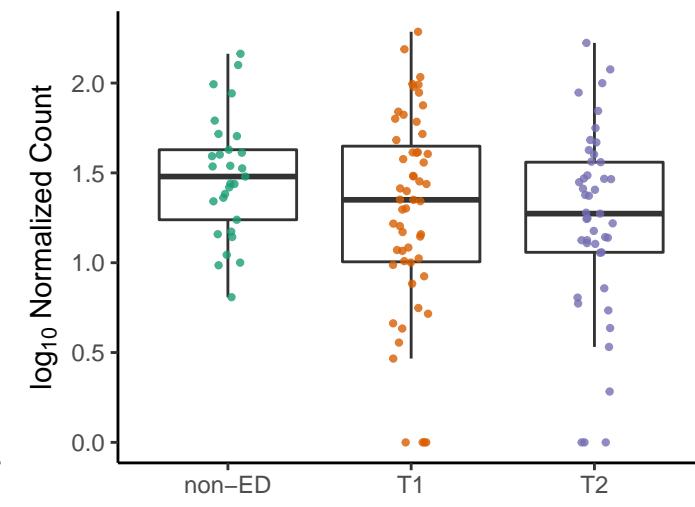
### *Chryseobacterium* sp. G0162

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.32  
 T1 vs. T2 adjusted p = 0.85



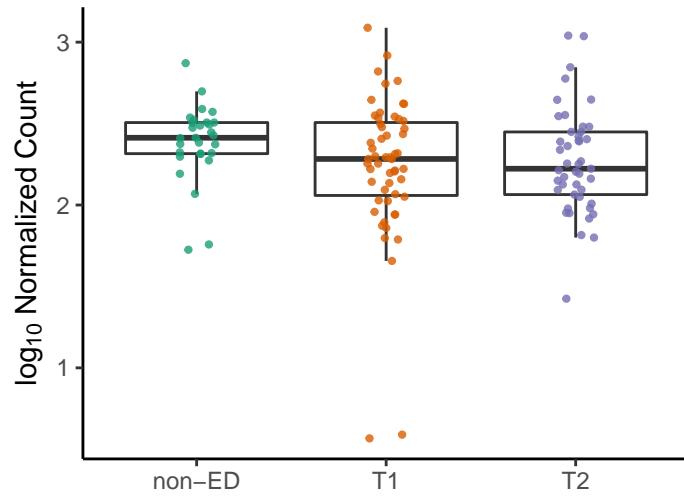
### Unclassified *Eikenella* Genus

non-ED vs. T1 adjusted p = 0.08  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.92



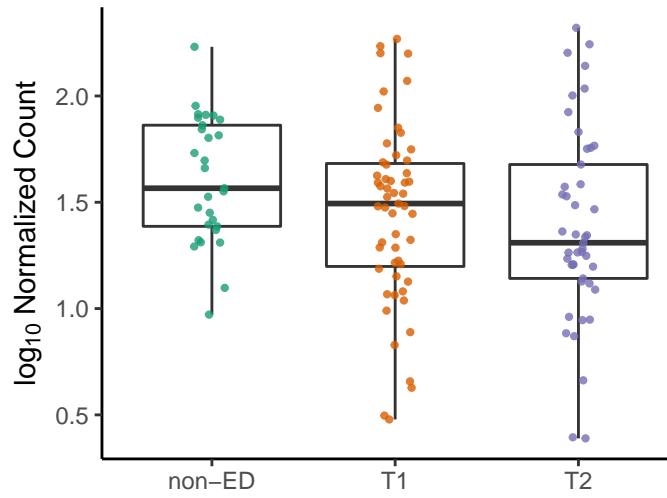
### Bdellovibrio bacteriovorus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.9



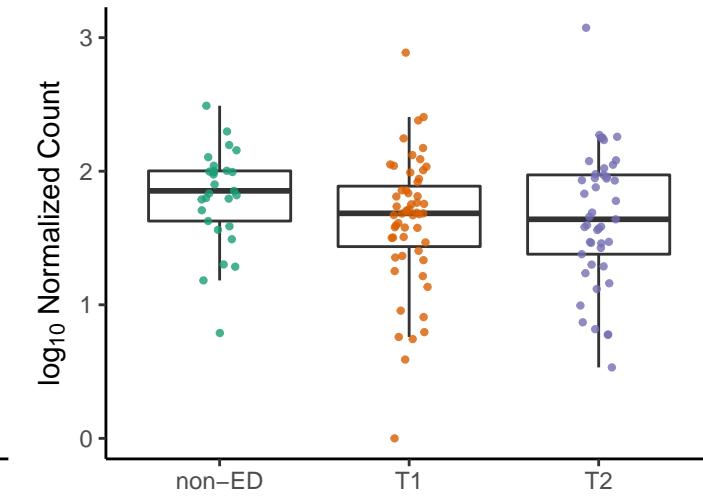
### Unclassified Basfia Genus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.85



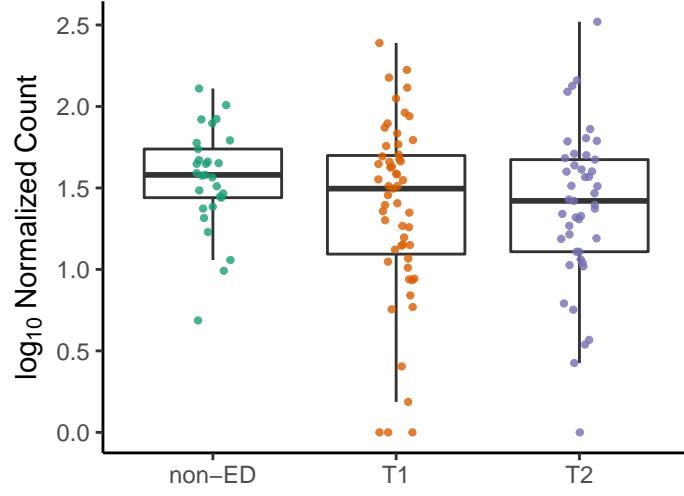
### Chryseobacterium sp. 6424

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.93



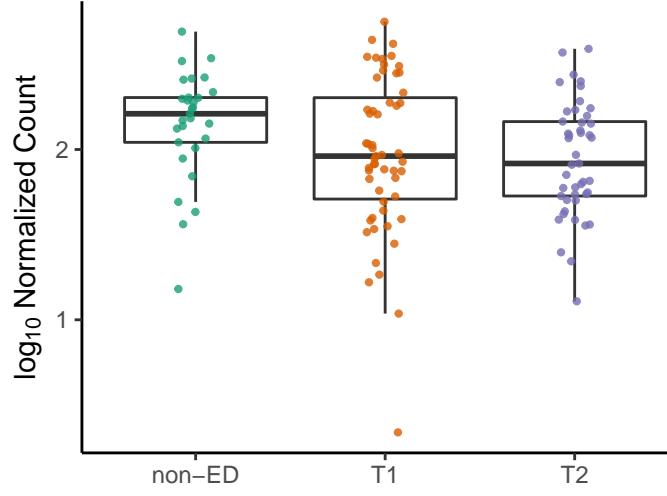
### Nostoc punctiforme

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.98



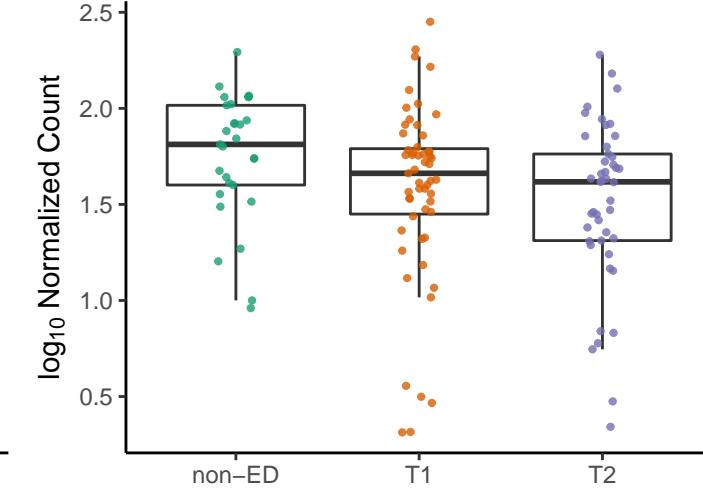
### Bacillus ciccensis

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.87



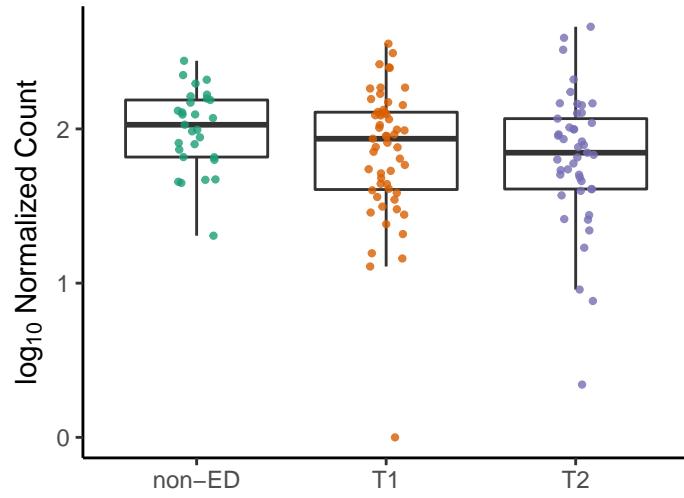
### Sulfuricurvum kujjiense

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.85



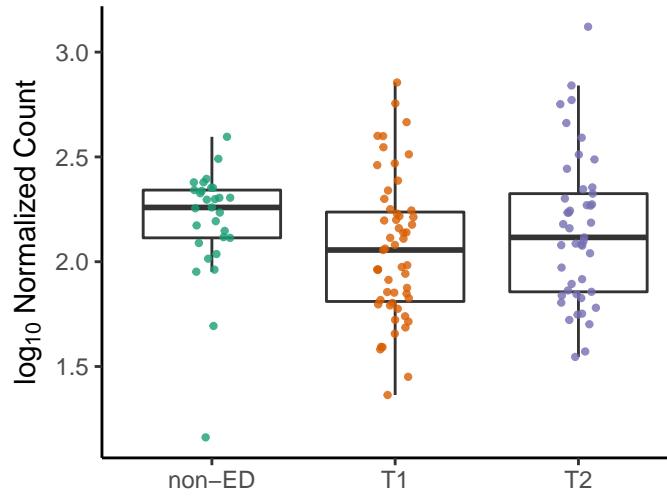
### Aerococcus christensenii

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.97



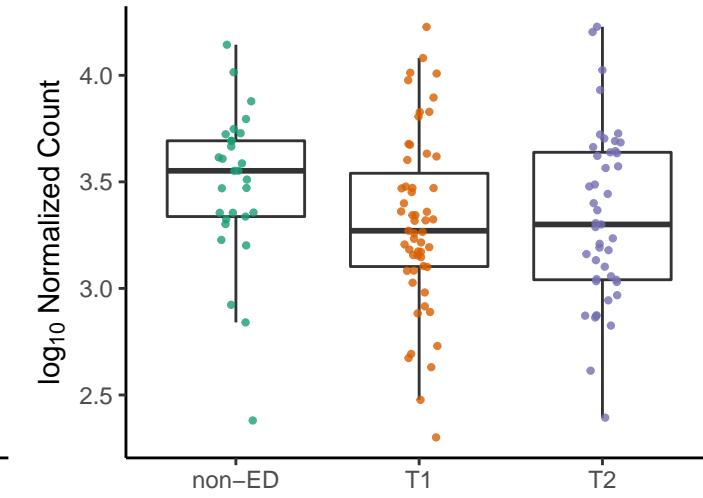
### Streptococcus merionis

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.61  
T1 vs. T2 adjusted p = 0.85



### Streptococcus pasteurianus

non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.92

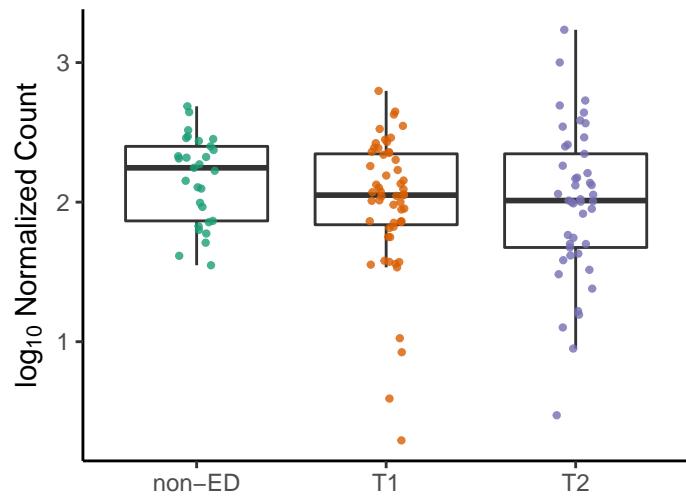


### *Tsukamurella paurometabola*

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.13

T1 vs. T2 adjusted p = 0.94

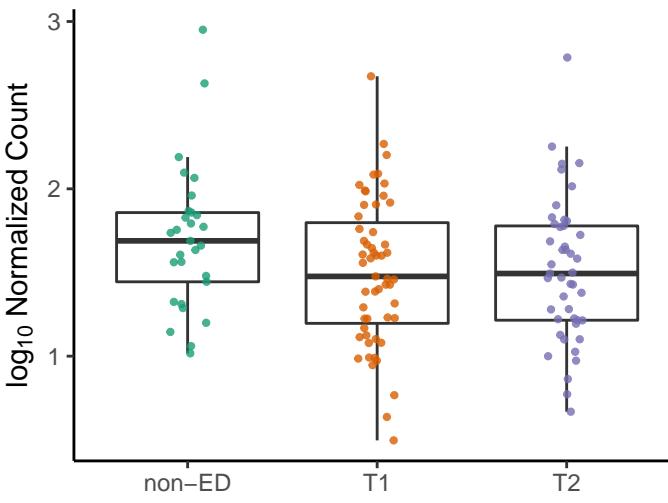


### *Paenibacillus glucanolyticus*

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.97

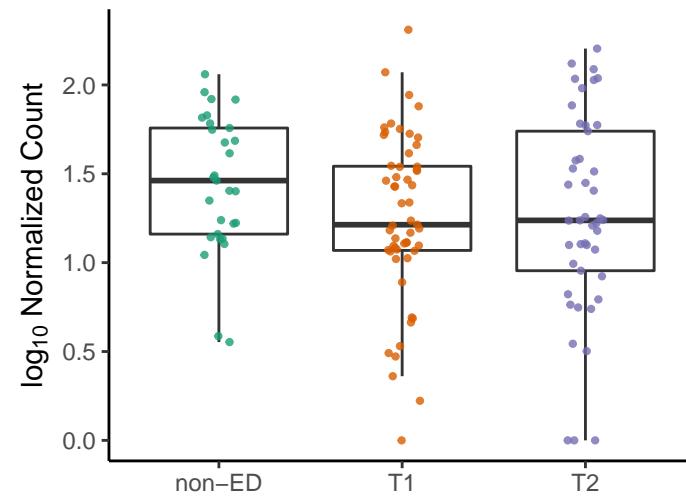


### *Candidatus Nitrosoglobus terrae*

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.16

T1 vs. T2 adjusted p = 0.85

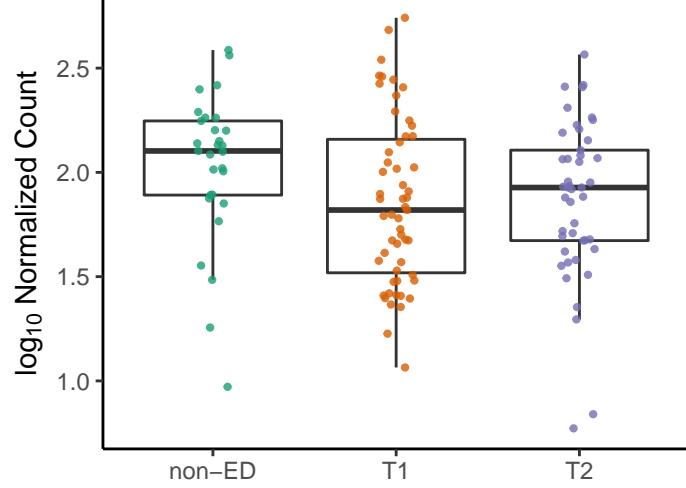


### *Fervidobacterium pennivorans*

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.98

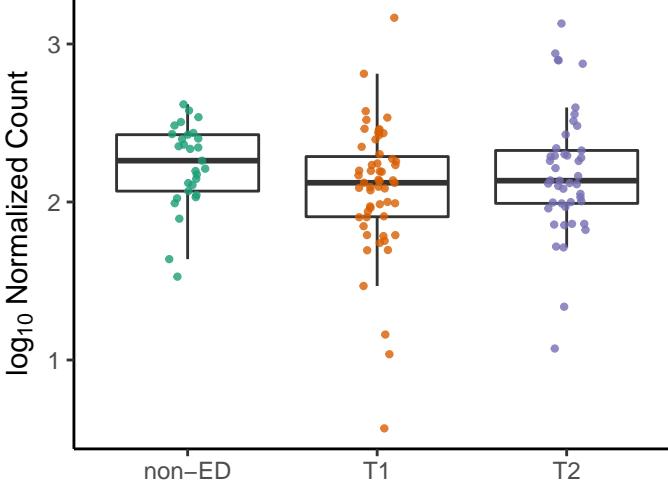


### [*Bacillus*] selenitireducens

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.59

T1 vs. T2 adjusted p = 0.85

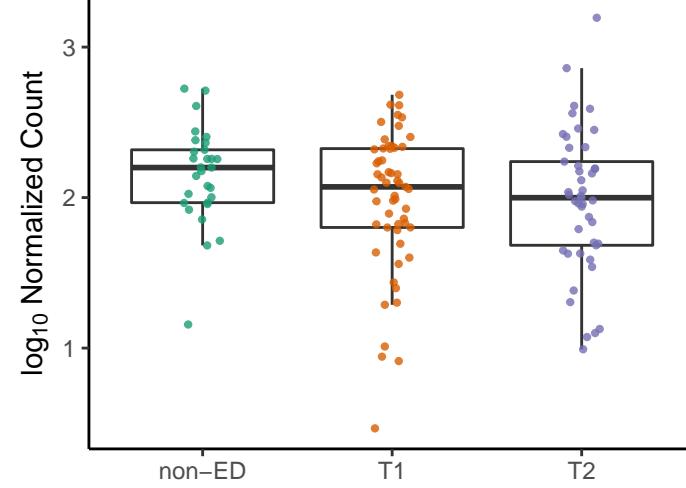


### *Actinomyces* sp. dk561

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.11

T1 vs. T2 adjusted p = 0.97

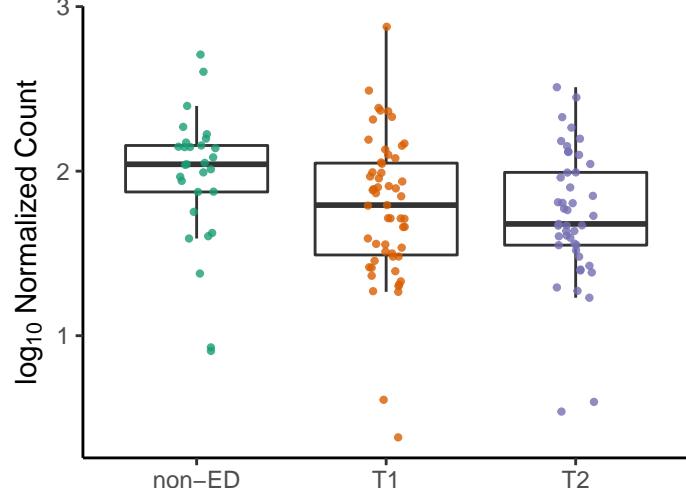


### *Staphylococcus haemolyticus*

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.042

T1 vs. T2 adjusted p = 0.9

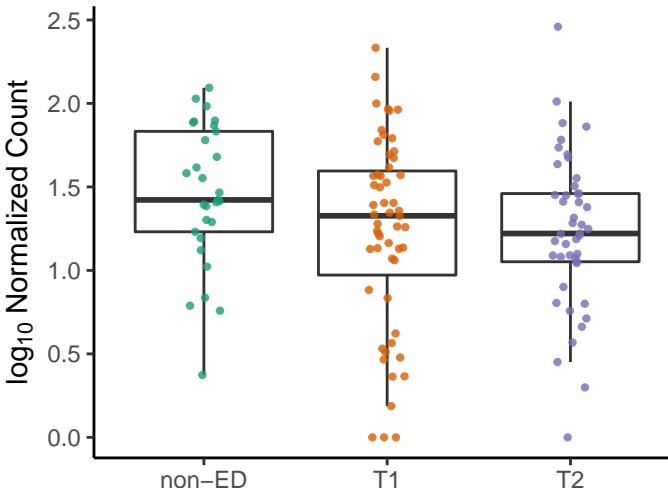


### *Pseudomonas* sp. LBUM920

non-ED vs. T1 adjusted p = 0.081

non-ED vs. T2 adjusted p = 0.077

T1 vs. T2 adjusted p = 0.94

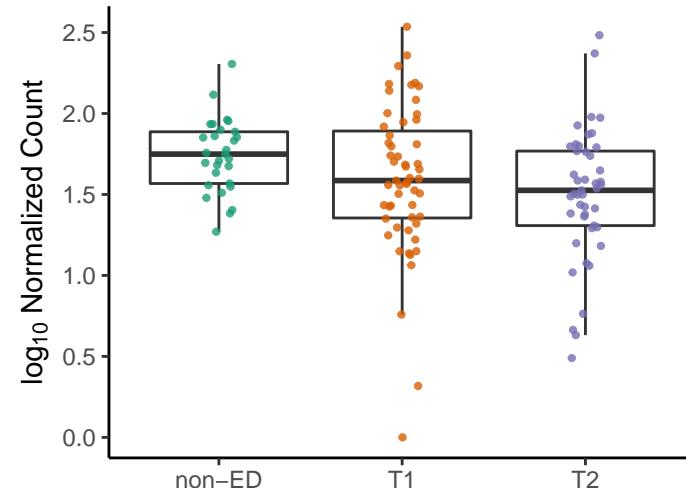


### *Leptolyngbya* sp. PCC 7376

non-ED vs. T1 adjusted p = 0.081

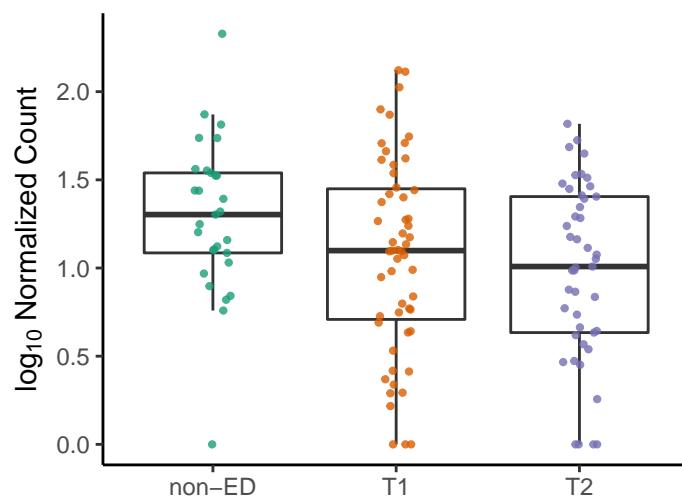
non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.85



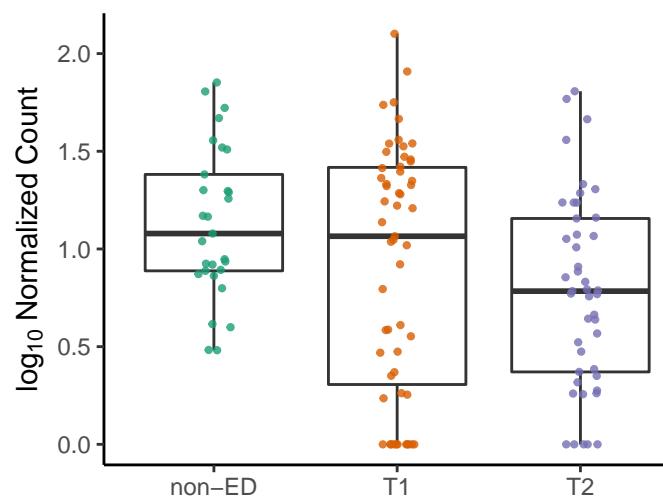
### *Hydrogenobacter thermophilus*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



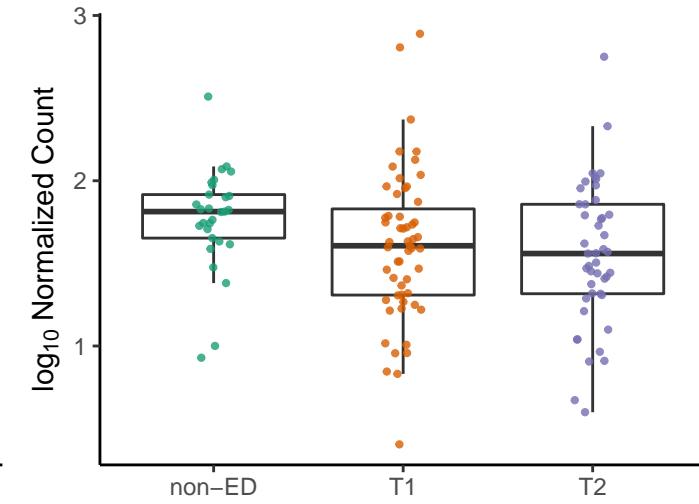
### *Xanthomonas phaseoli*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.0087  
 T1 vs. T2 adjusted p = 0.85



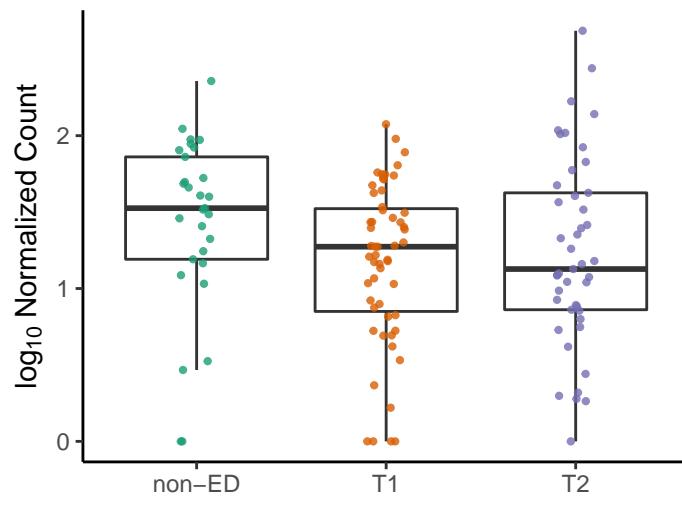
### Flavobacteriaceae bacterium 3519–10

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.91



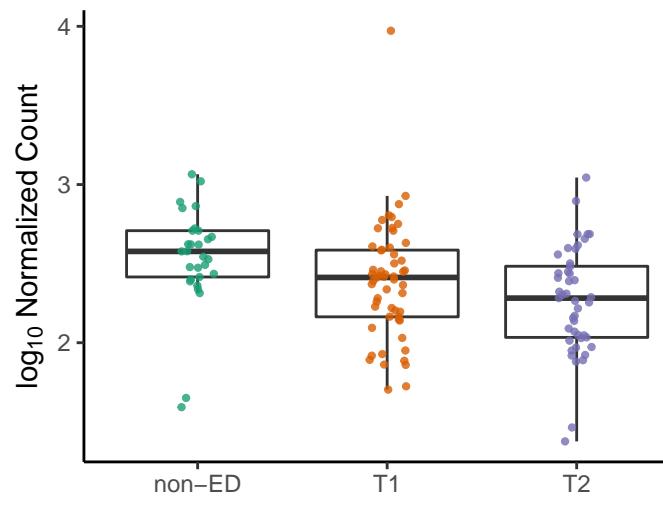
### *Thermococcus nautili*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



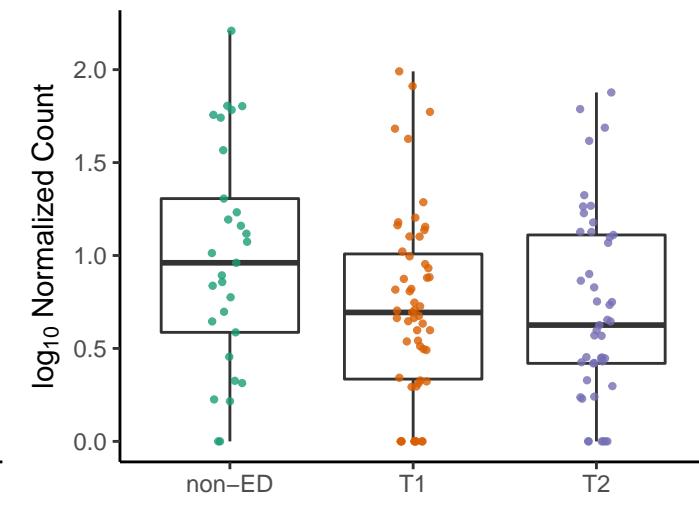
### Unclassified Nostocales Order

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.0082  
 T1 vs. T2 adjusted p = 0.85



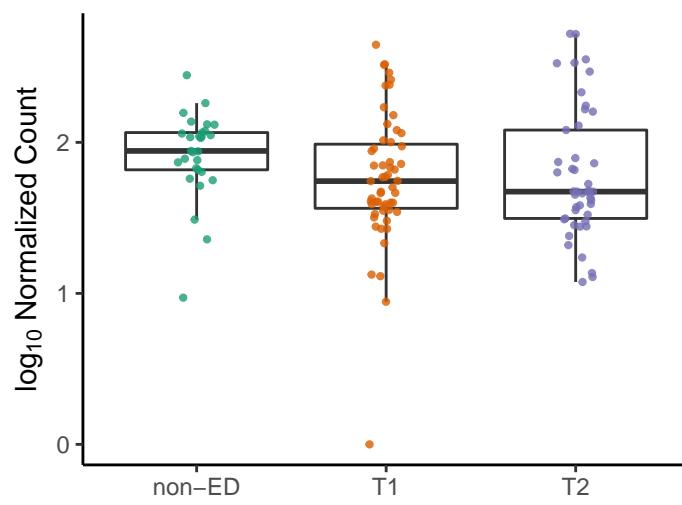
### Candidatus Kinetoplastibacterium galat

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.084  
 T1 vs. T2 adjusted p = 0.91



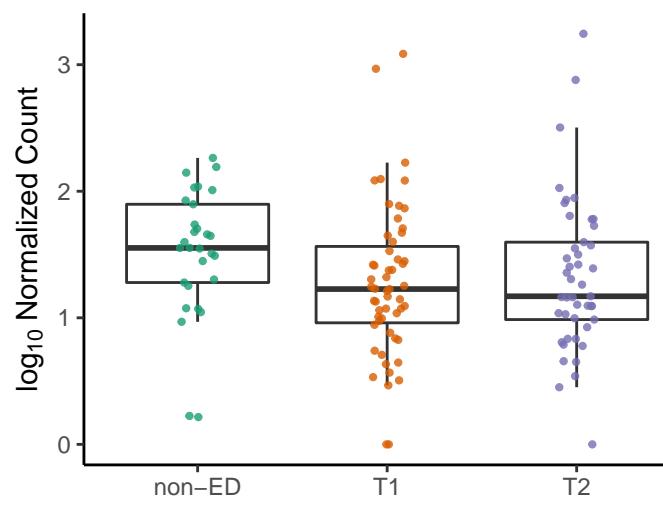
### *Carnobacterium* sp. 17–4

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.95



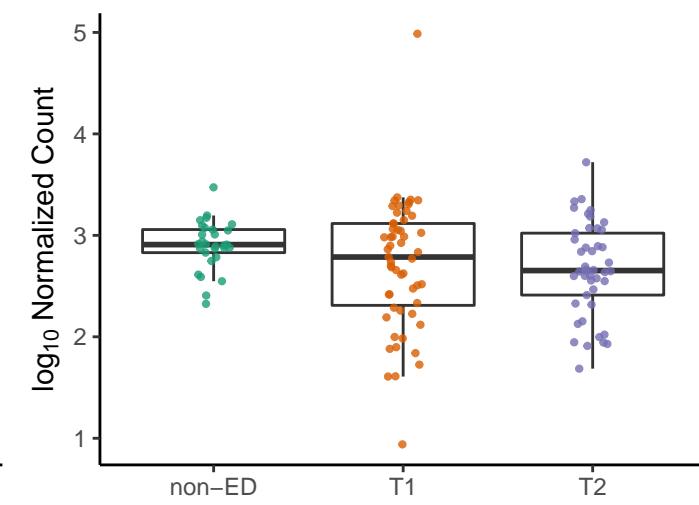
### *Francisella frigiditurris*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.99



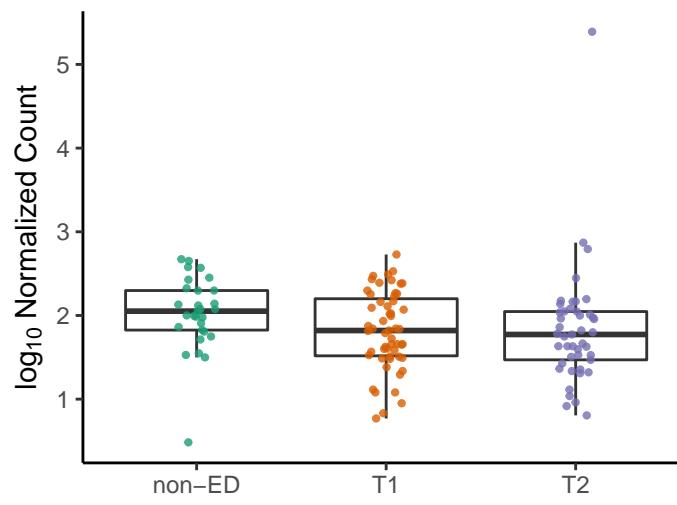
### Unclassified Desulfovibrio Genus

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.97



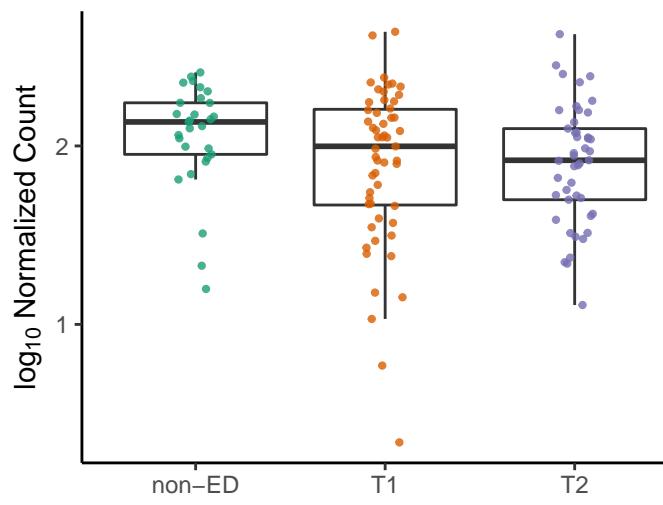
### [Candida] glabrata

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.99



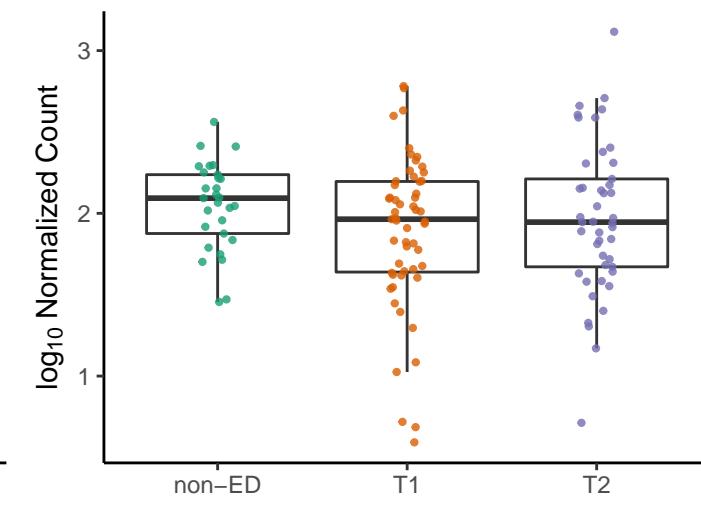
### Bacillus horikoshii

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.91



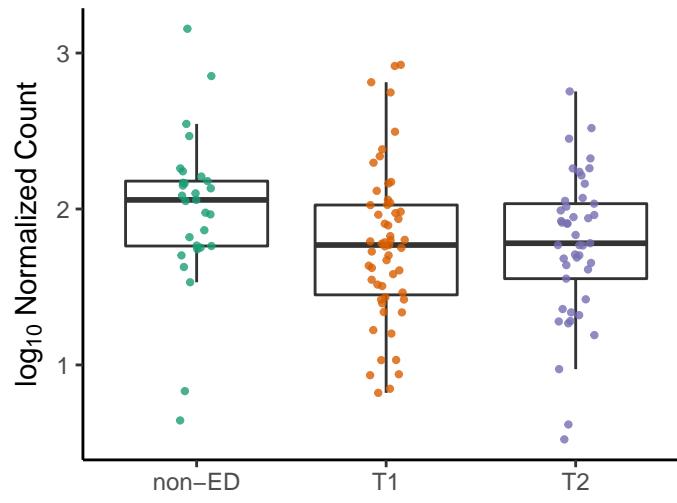
### Youhaiella tibetensis

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.4  
T1 vs. T2 adjusted p = 0.85



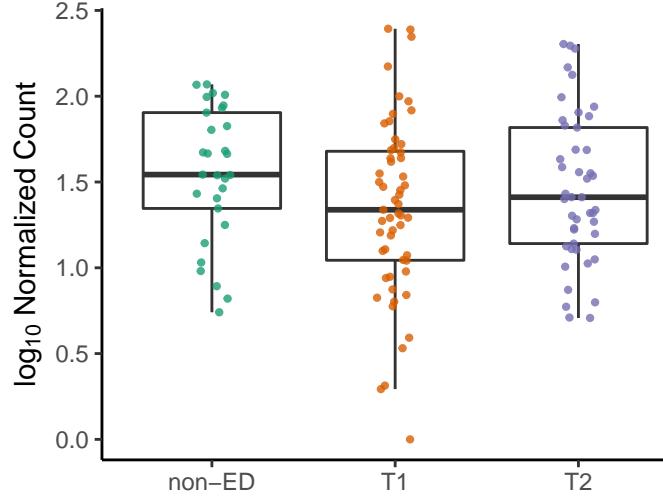
### Chryseobacterium haifense

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.95



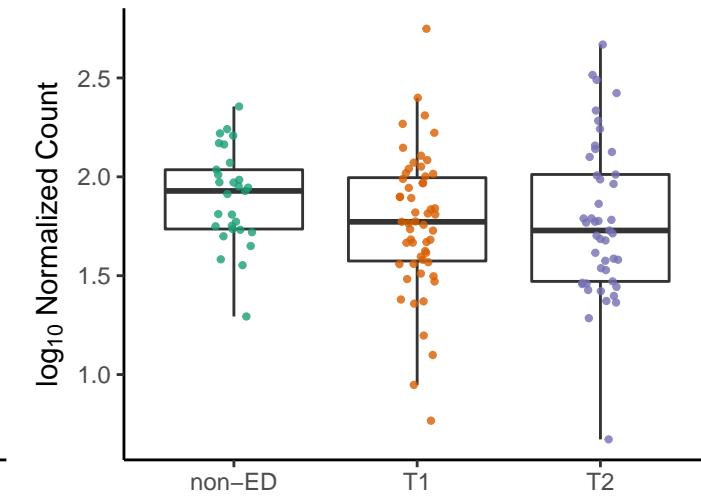
### Leucobacter sp. HDW9B

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.42  
T1 vs. T2 adjusted p = 0.85



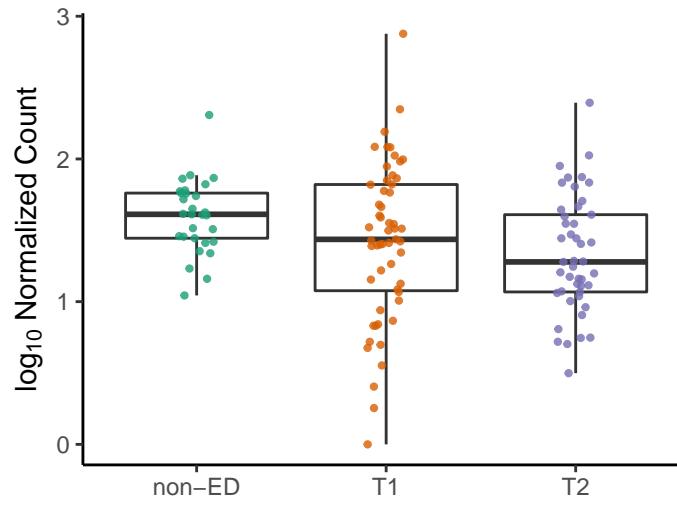
### Mannheimia varigena

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.91



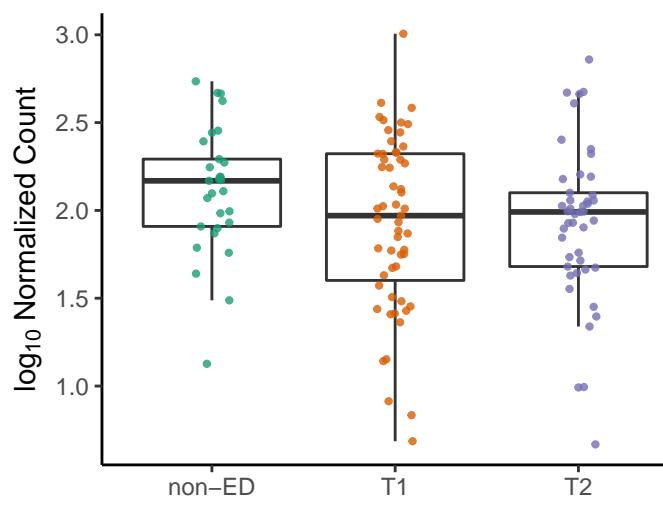
### Erythrobacter sp. THAF29

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.85



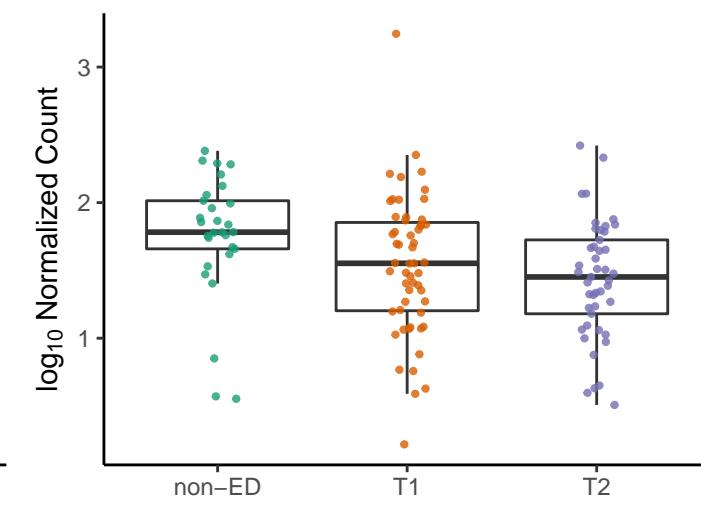
### Kocuria turfanensis

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.96



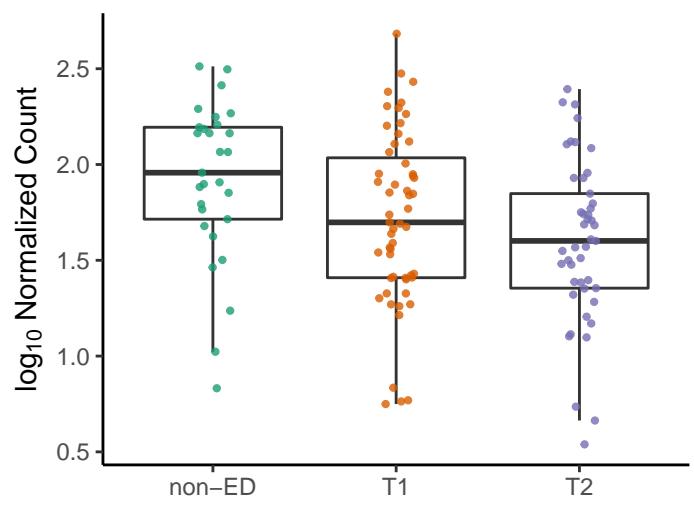
### Lactobacillus kullabergensis

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



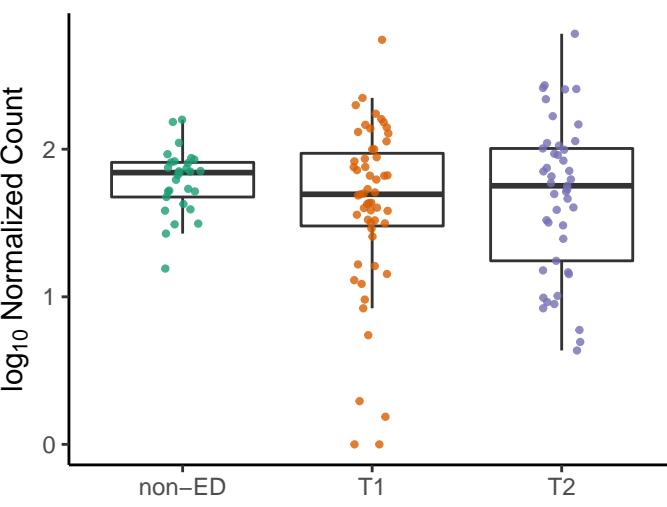
### *Staphylococcus hominis*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



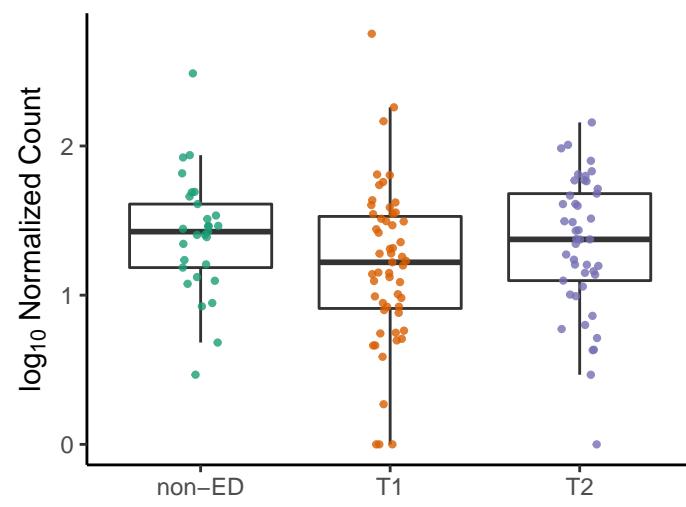
### *Caulobacteraceae bacterium 0127\_4*

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



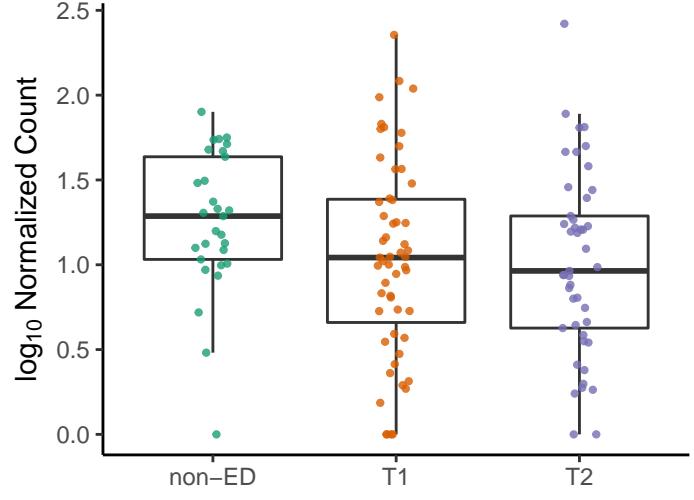
### *Mesorhizobium* sp. M2A.F.Ca.ET.043.02

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.56  
 T1 vs. T2 adjusted p = 0.85



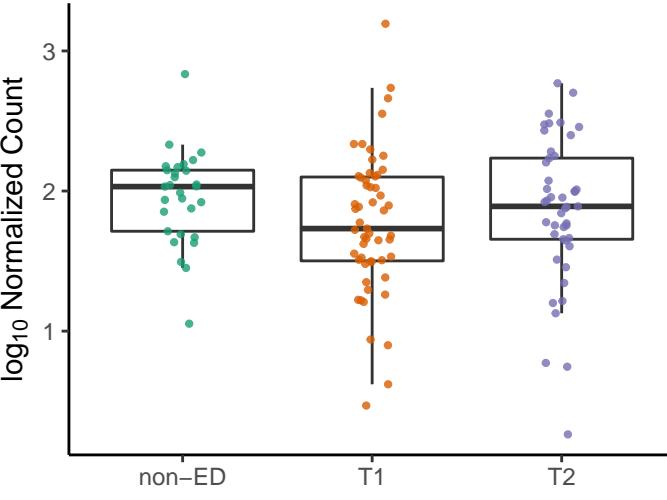
### *Serratia* sp. FGI94

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.99



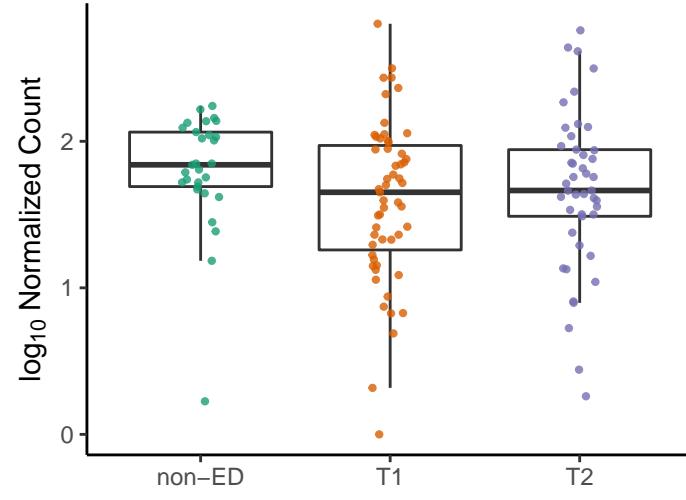
### *Monaibacterium* sp. ALG8

non-ED vs. T1 adjusted p = 0.082  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.85



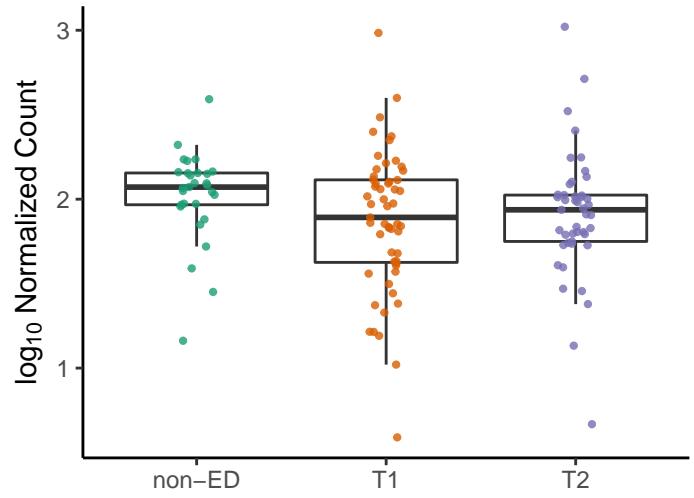
### *Methyloceanibacter caenitepdi*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



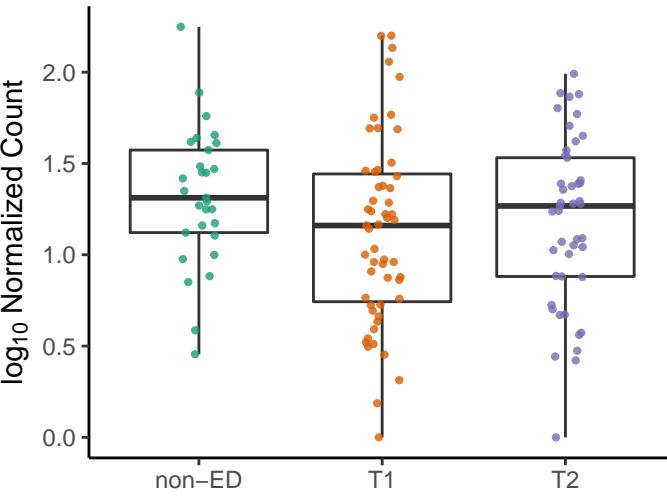
### *Planctomycetes* bacterium Pan241w

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.85



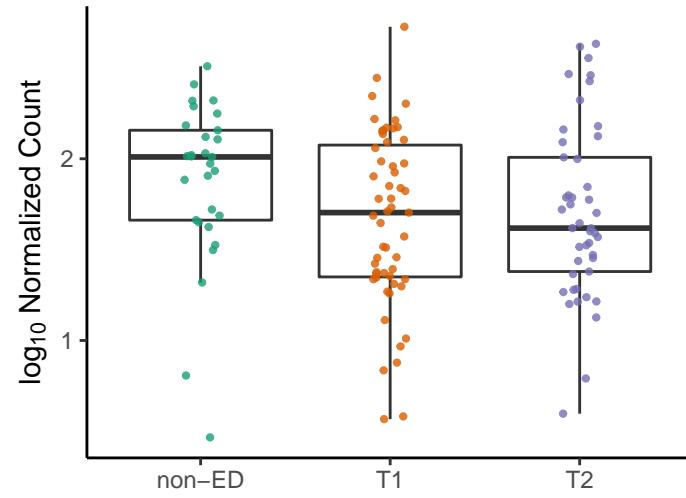
### *Pseudomonas thivervalensis*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.91



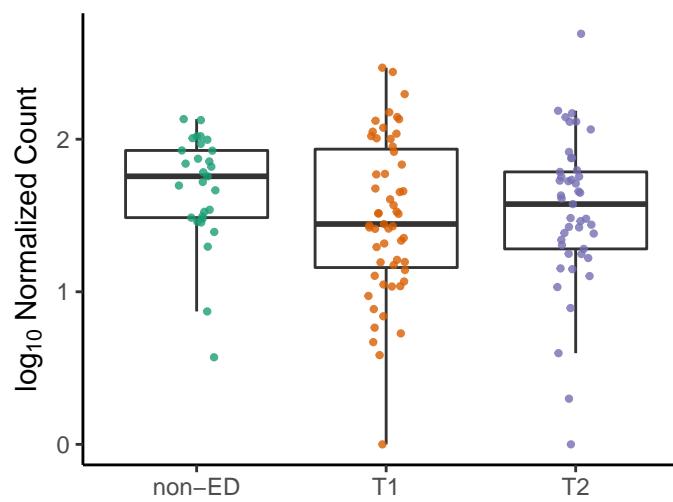
### *Thermosiphon africanus*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.87



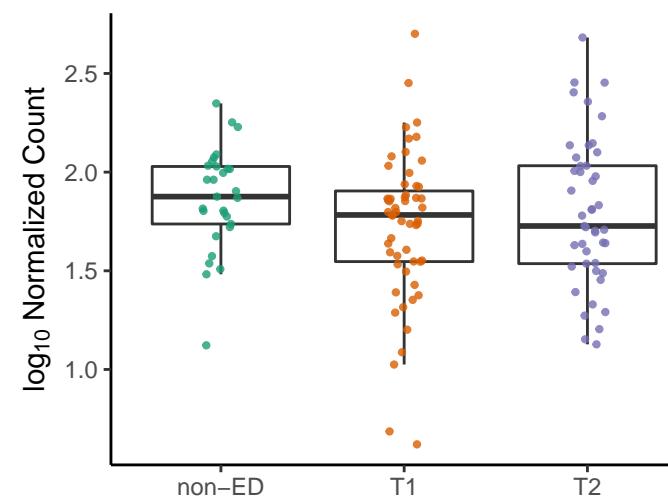
### *Sulfurospirillum deleyianum*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.88



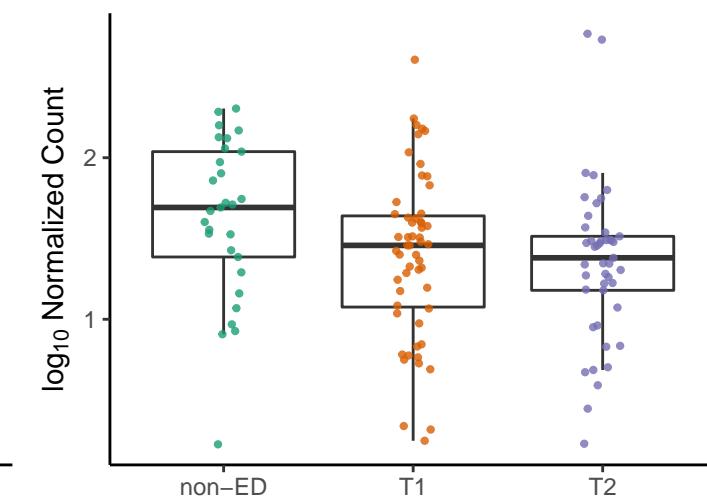
### *Pseudarthrobacter* sp. YJ56

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.42  
 T1 vs. T2 adjusted p = 0.85



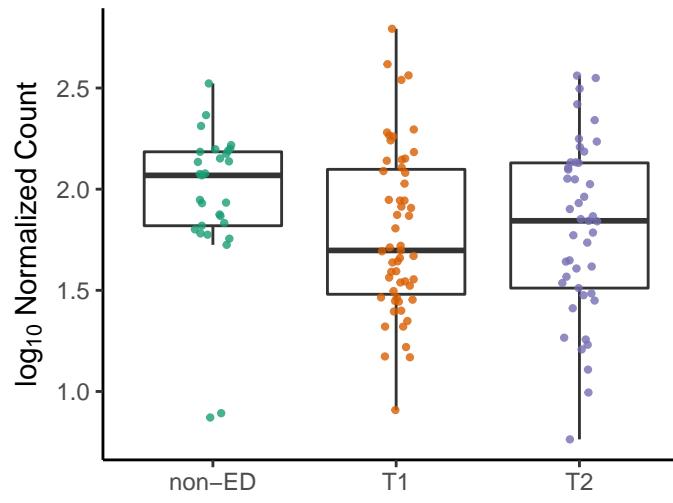
### *Spiroplasma alleghenense*

non-ED vs. T1 adjusted p = 0.083  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.85



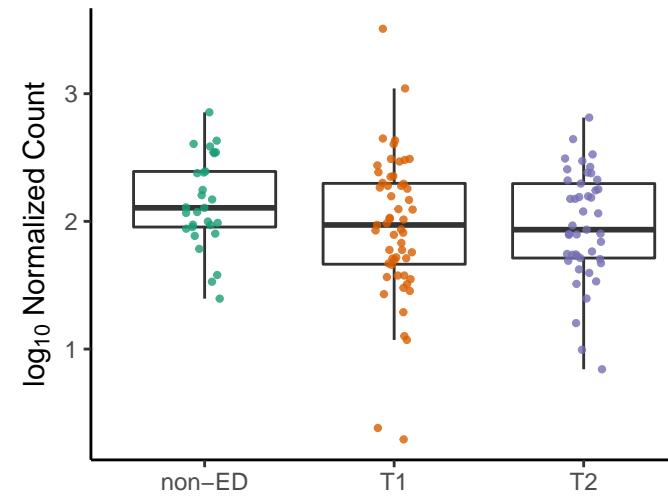
### *Arcobacter anaerophilus*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.98



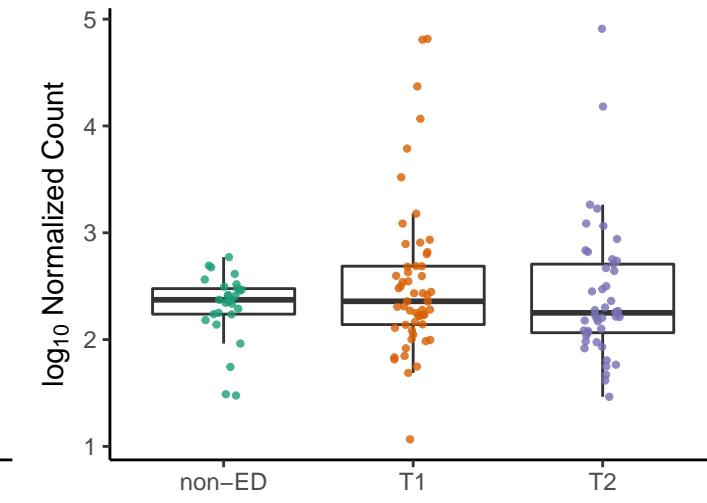
### *Bordetella* genomosp. 8

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.088  
 T1 vs. T2 adjusted p = 0.9



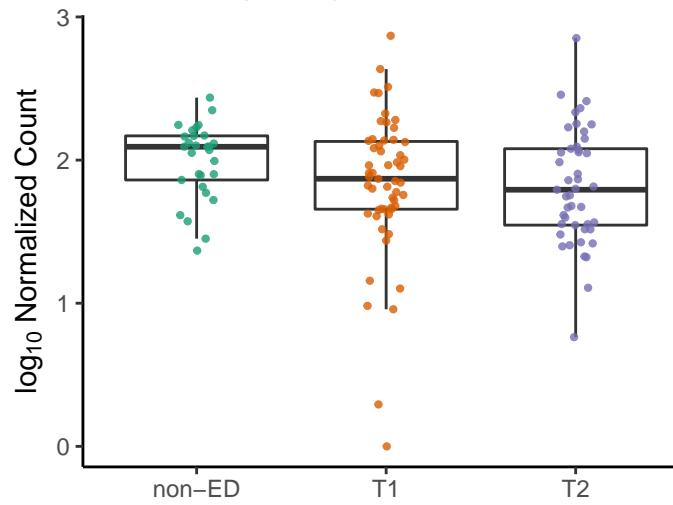
### *Enterococcus avium*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.42  
 T1 vs. T2 adjusted p = 0.85



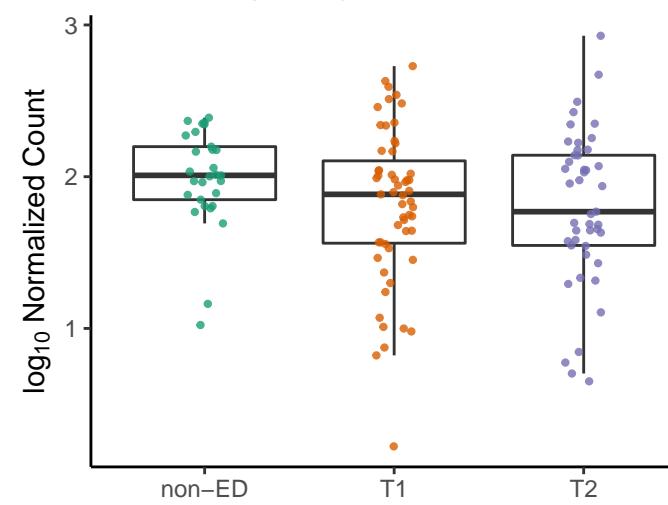
### *Flaviflexus* sp. H23T48

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.9



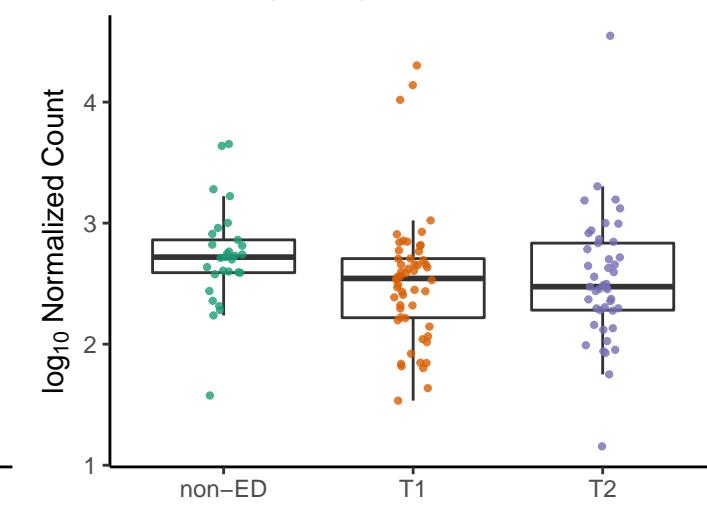
### *Fluviicola taffensis*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.95



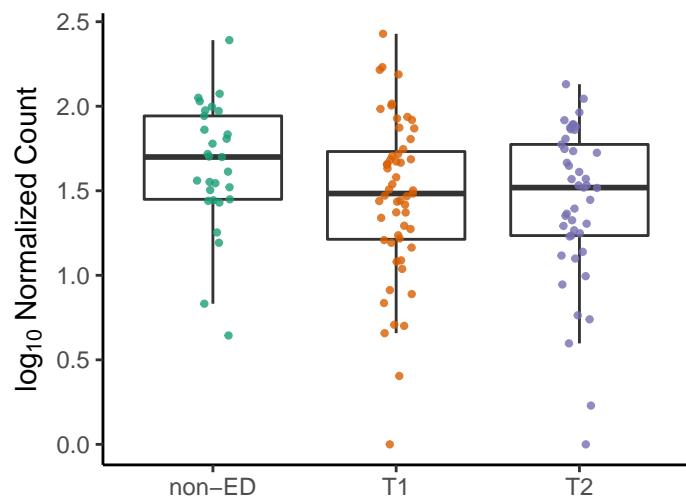
### *Prevotella ruminicola*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.93



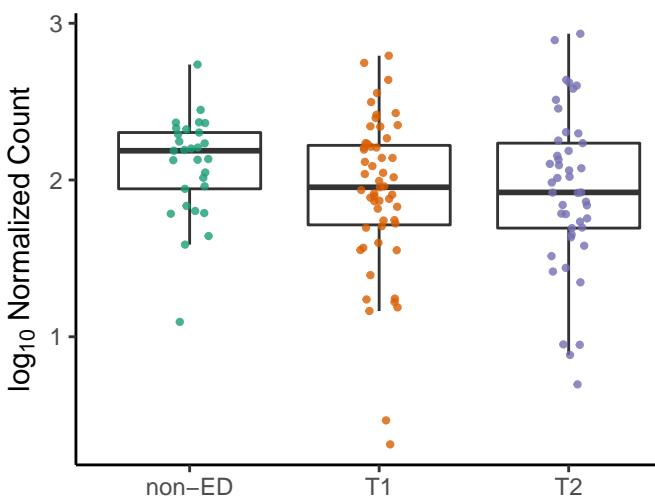
### *Olleya* sp. Bg11–27

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.87



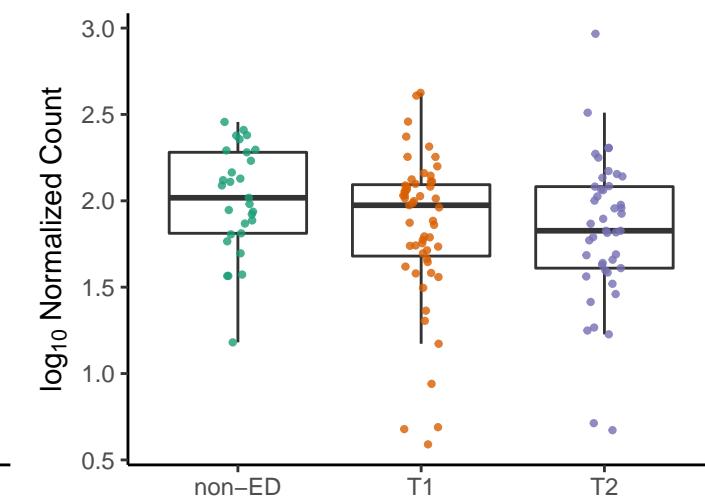
### *Rubrobacter* sp. SCSIO 52909

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.88



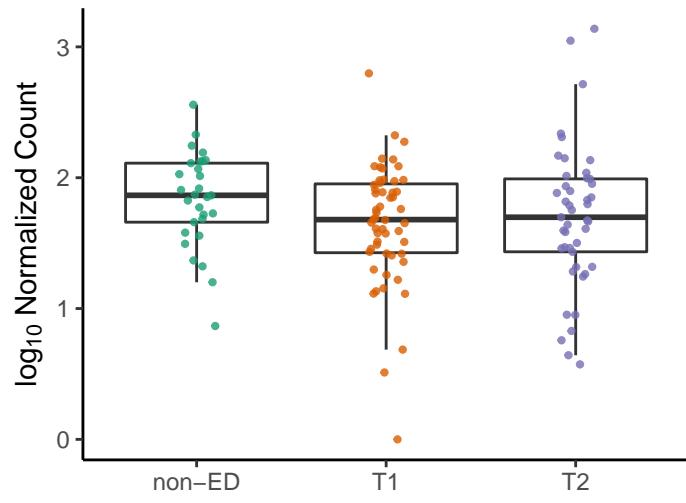
### *Vibrio* nigripulchritudo

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.99



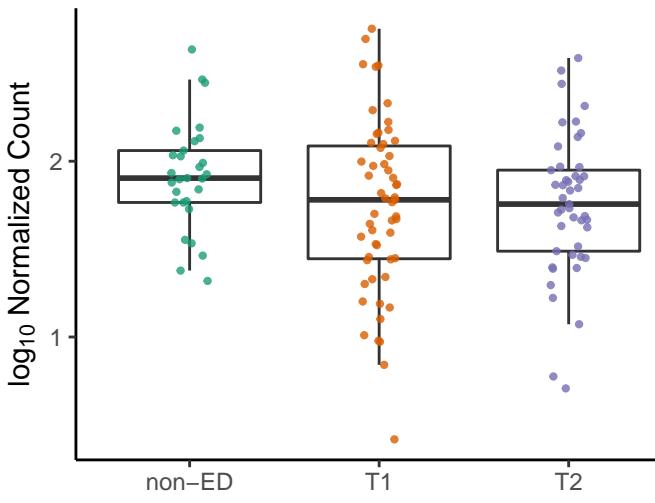
### *Haloplanus* rallus

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.85



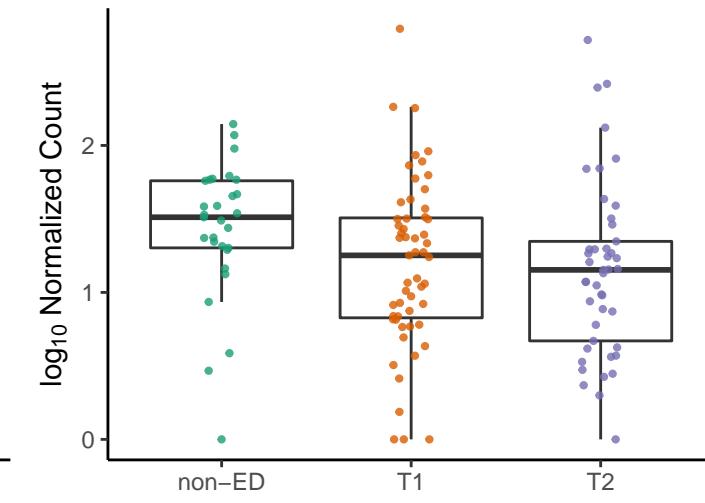
### *Acidisarcina* polymorpha

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.081  
 T1 vs. T2 adjusted p = 0.95



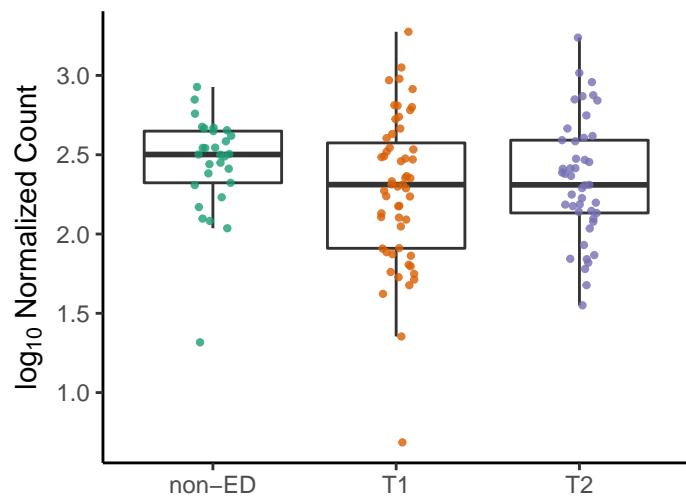
### [*Mycobacterium*] stephanolepidis

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.058  
 T1 vs. T2 adjusted p = 0.85



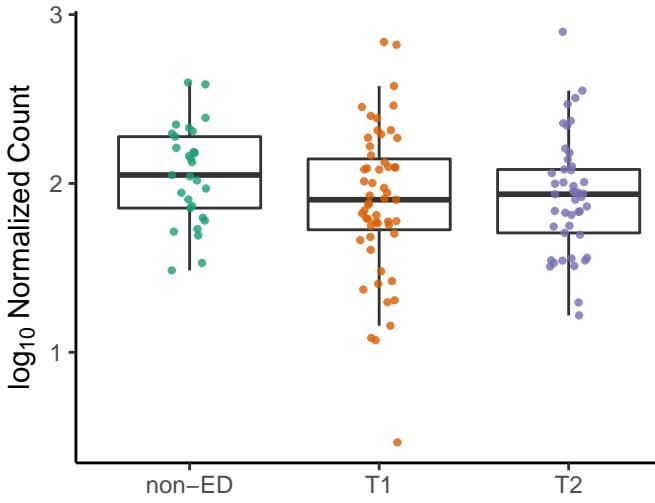
### *Azospirillum* lipoferum

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



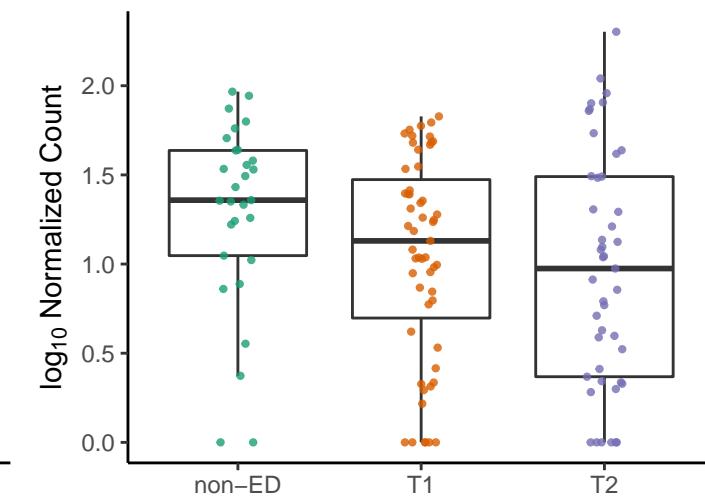
### *Pseudomonas* synxantha

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.89



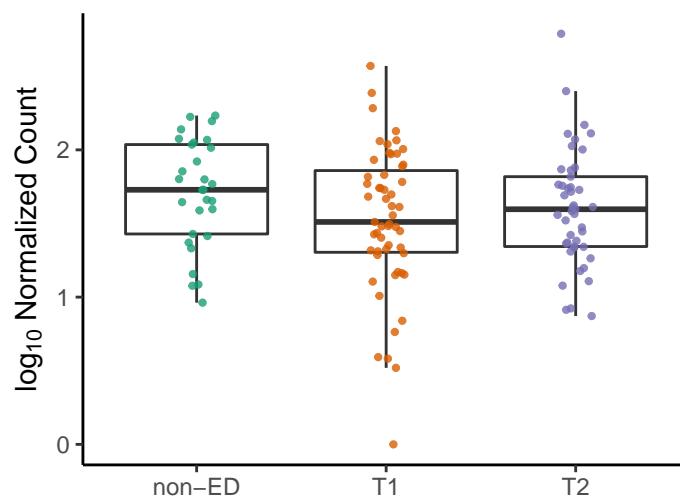
### *Capnocytophaga* sp. H2931

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.85



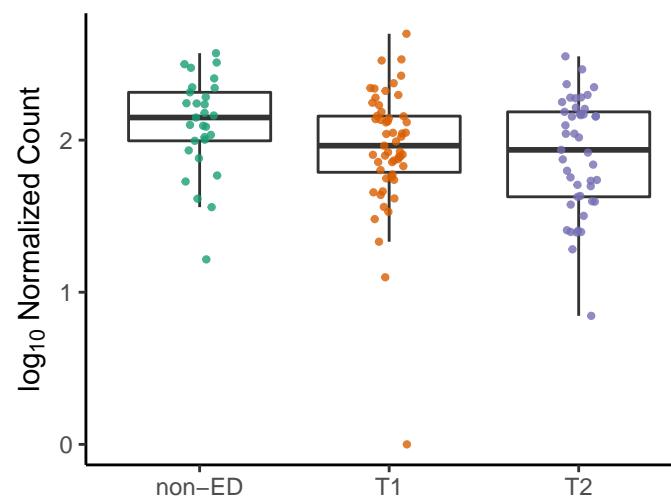
### *Corynebacterium phocae*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.85



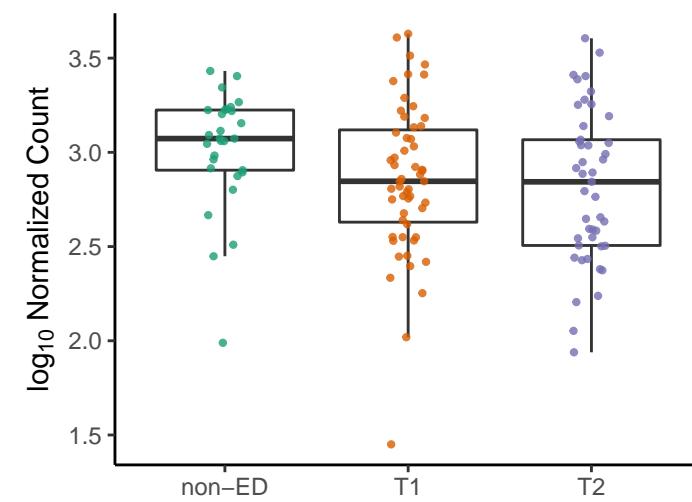
### *Virgibacillus necropolis*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.85



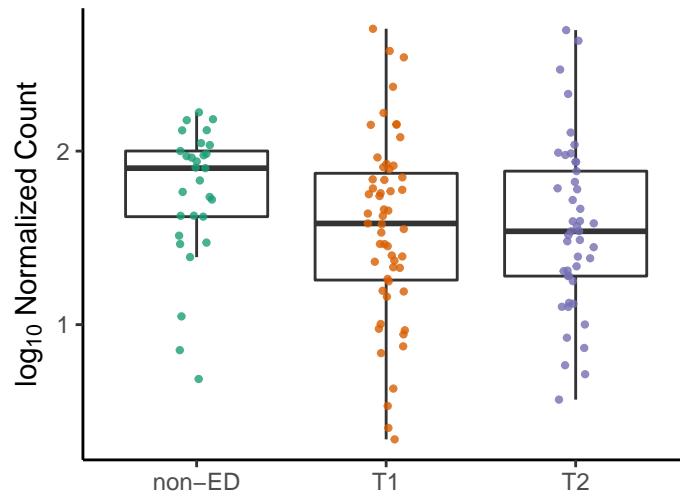
### *Clostridium butyricum*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.85



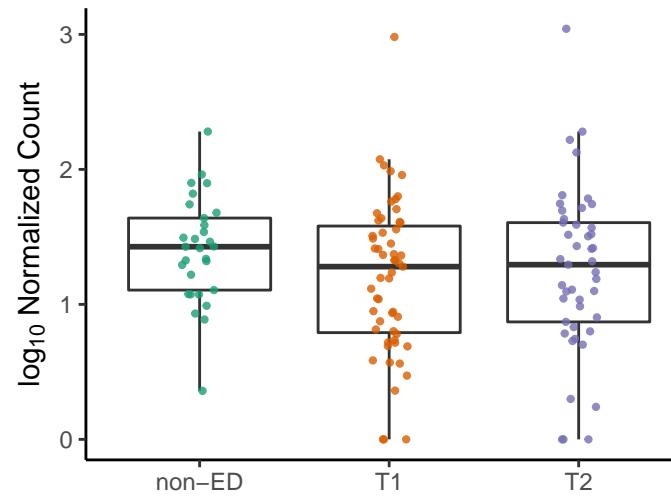
### *Formosa agariphila*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.87



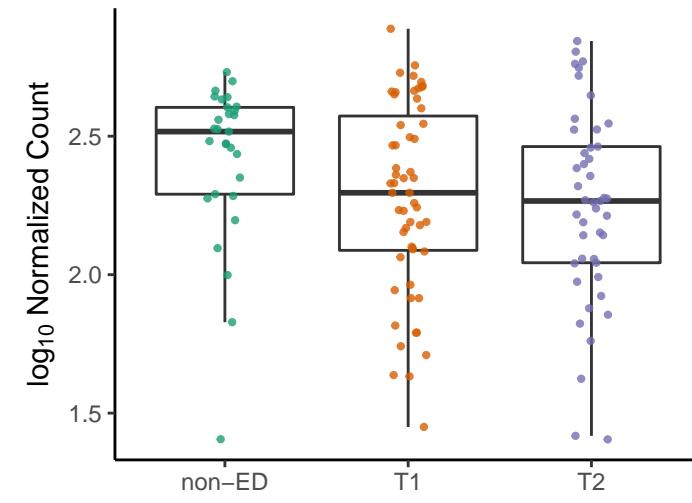
### *Thermococcus sp. 2319x1*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.86



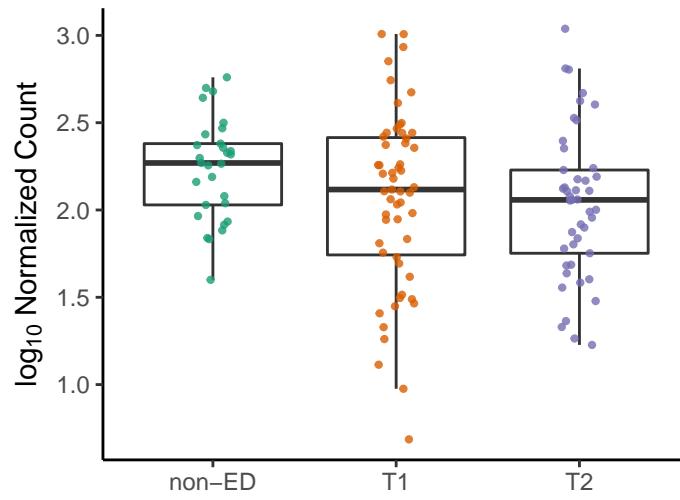
### *Clostridium aceticum*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.91



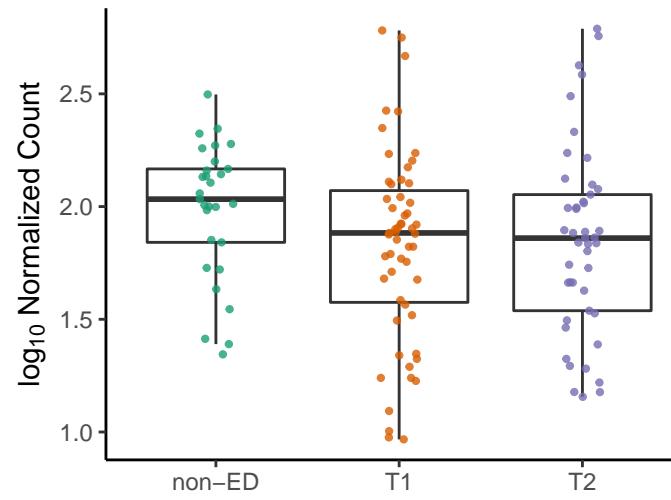
### *Planctomyces sp. SH-PL62*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.98



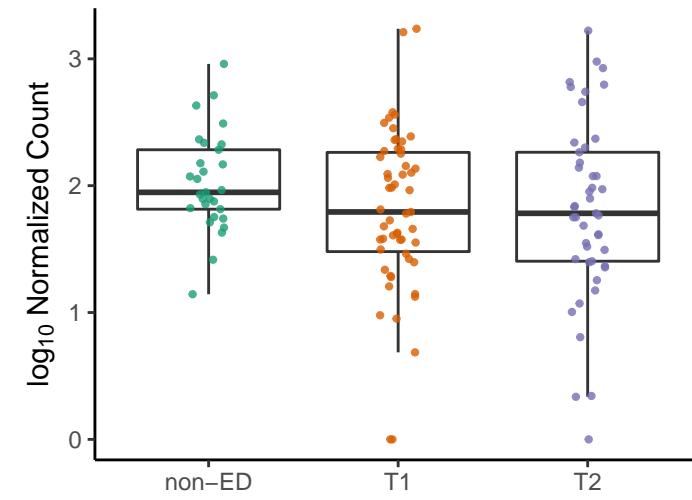
### *Flavobacterium sediminis*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.98



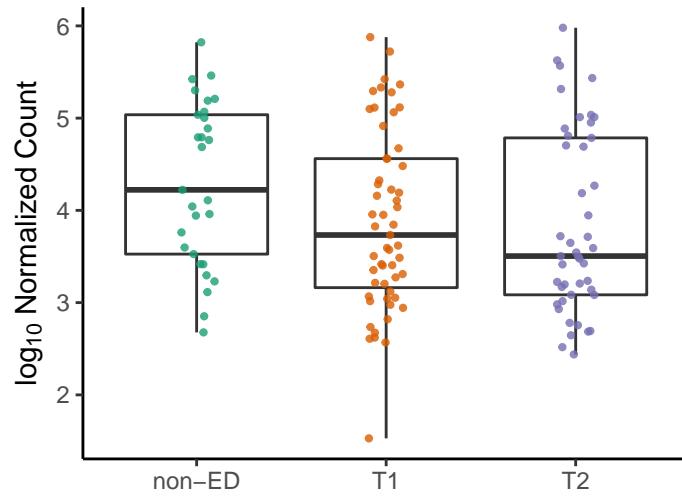
### *Polynucleobacter paneuropaeus*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.99



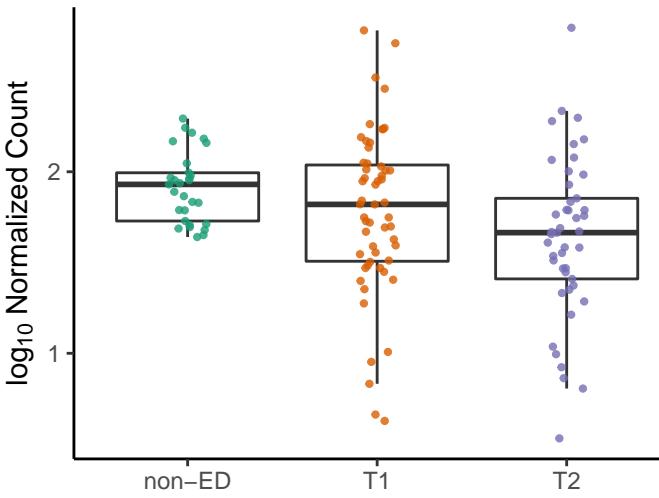
### Unclassified Bifidobacterium Genus

non-ED vs. T1 adjusted p = 0.085  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.95



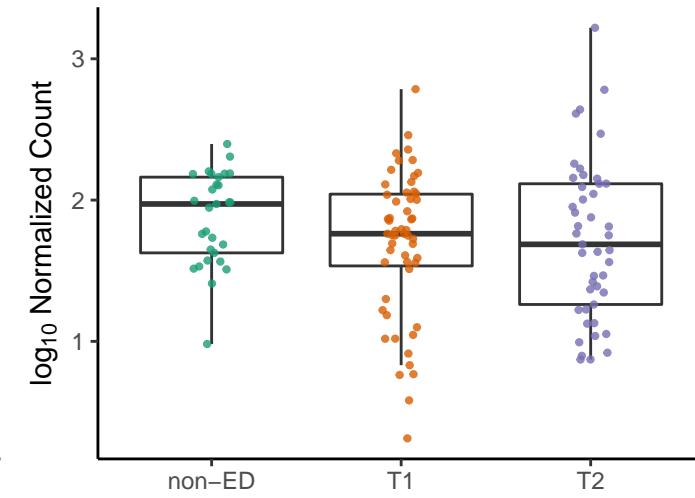
### Arenibacter algicola

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.75



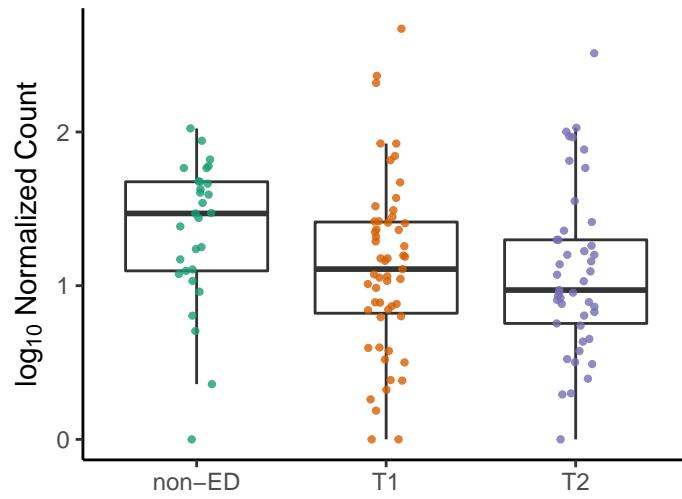
### Lysobacter maris

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.94



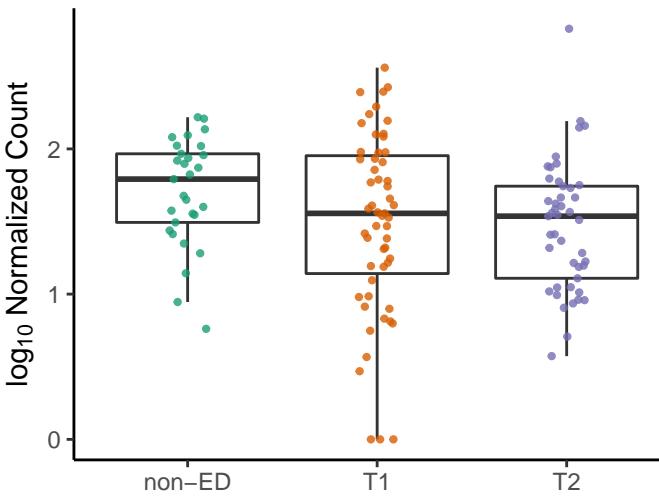
### Staphylococcus sp. M0911

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.92



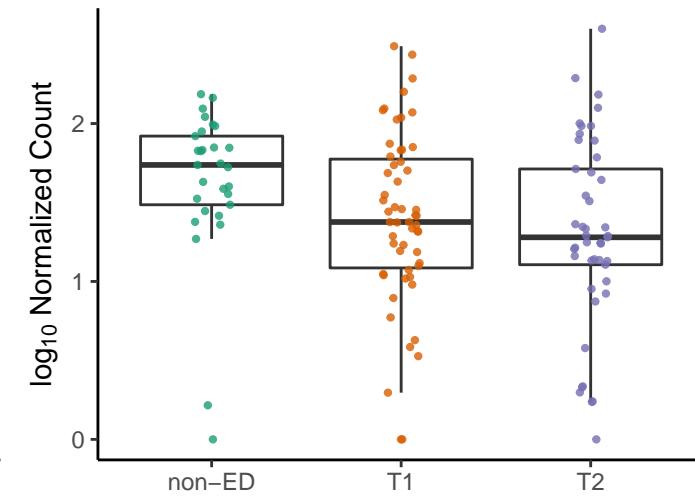
### Streptomyces sp. KPB2

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.92



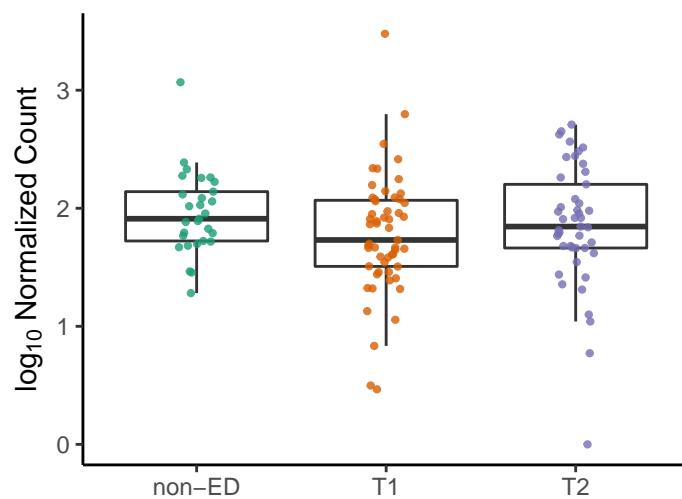
### Candidatus Gracilibacteria bacterium HC

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.92



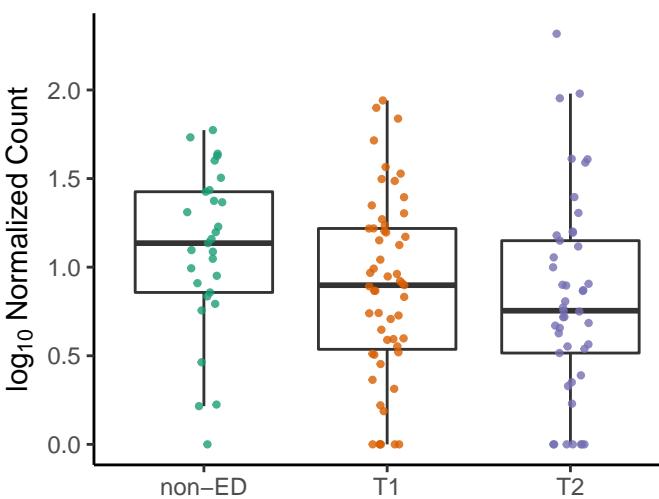
### Paraburkholderia megapolitana

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.38  
T1 vs. T2 adjusted p = 0.85



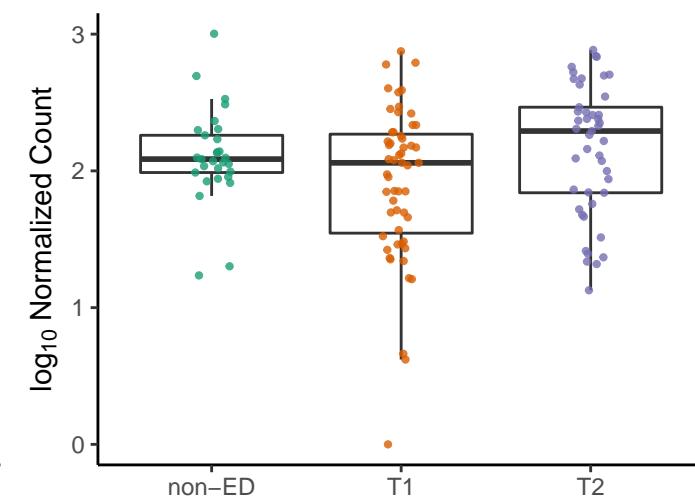
### Candidatus Nitrosopelagicus brevis

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.85



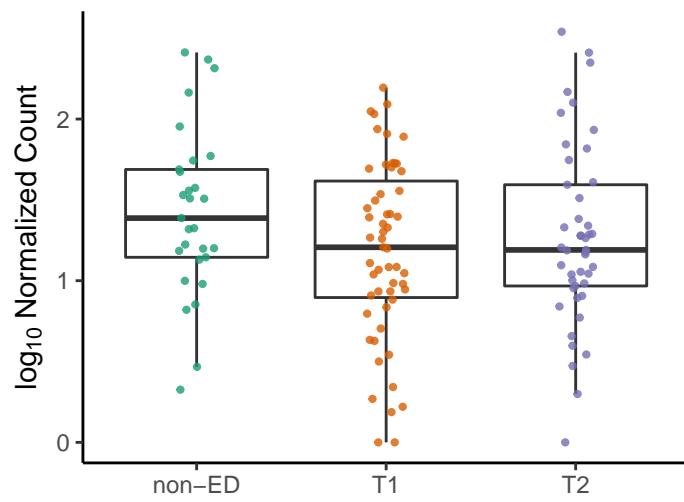
### Unclassified Propionibacteriaceae Family

non-ED vs. T1 adjusted p = 0.086  
non-ED vs. T2 adjusted p = 0.63  
T1 vs. T2 adjusted p = 0.75



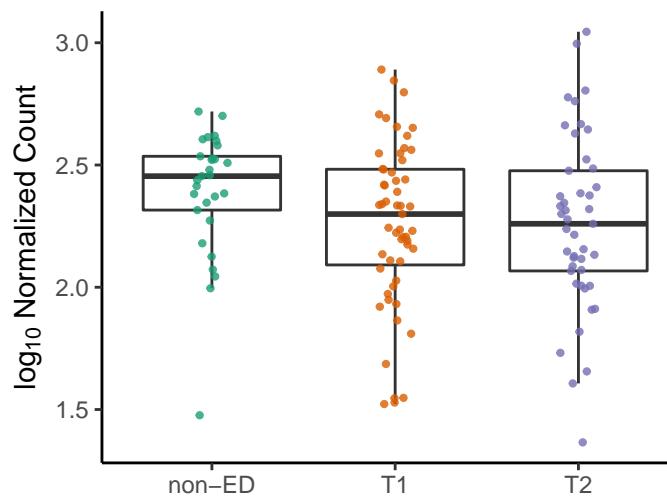
### *Shewanella* sp. ANA-3

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.28  
 T1 vs. T2 adjusted p = 0.85



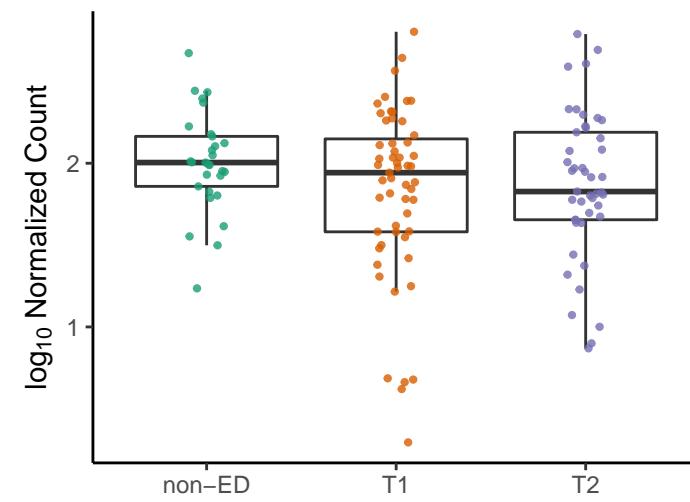
### *Bacillus pumilus*

non-ED vs. T1 adjusted p = 0.086  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.99



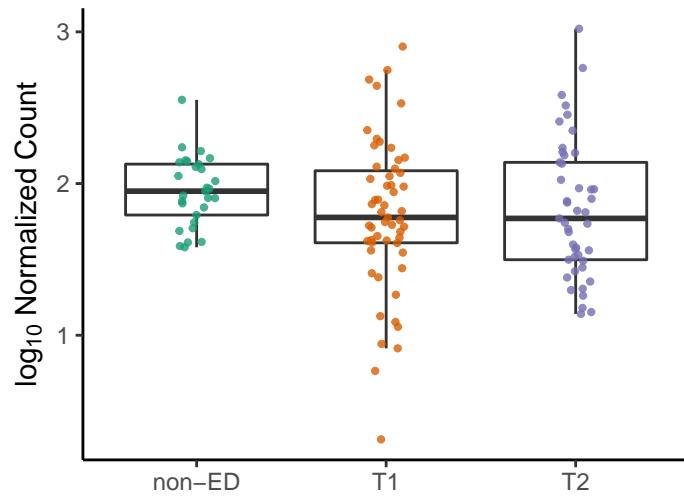
### *Variovorax* sp. PMC12

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.87



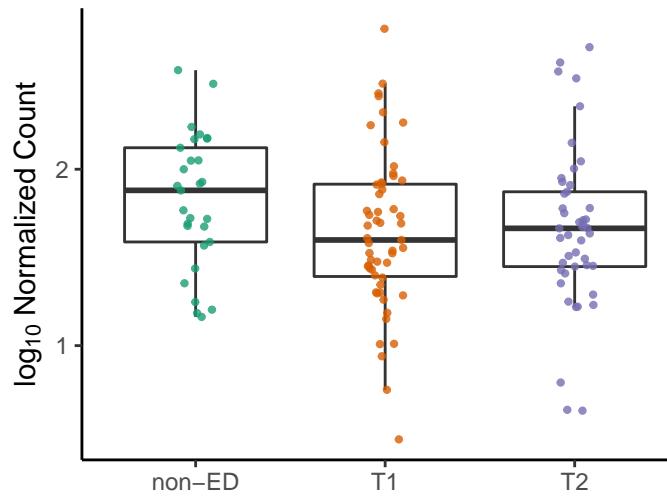
### *Paraburkholderia* sp. 7MH5

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.85



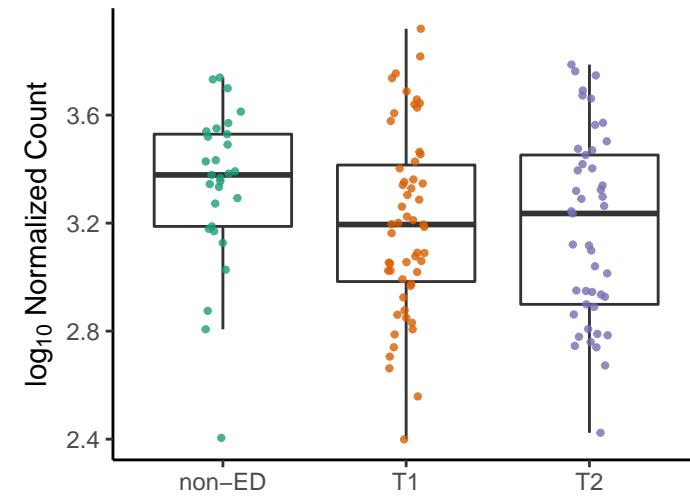
### *Acetobacter aceti*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.88



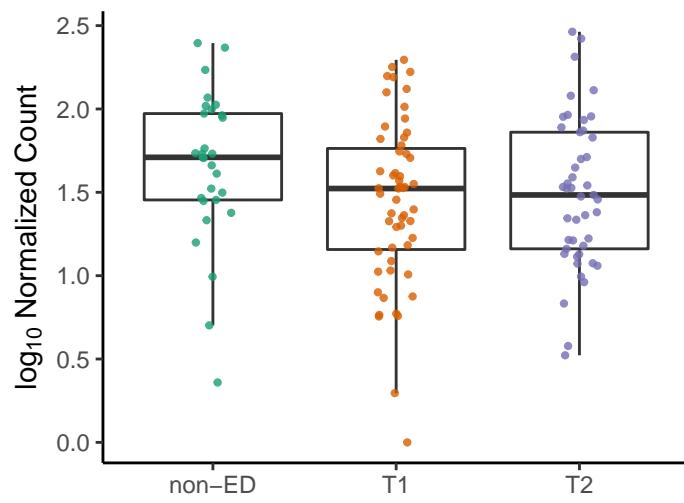
### *Clostridium botulinum*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.075  
 T1 vs. T2 adjusted p = 0.95



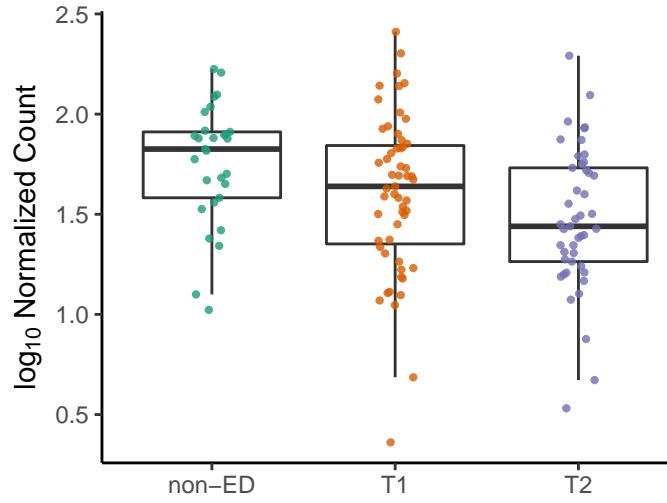
### *Candidatus Riesia pediculicola*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.87



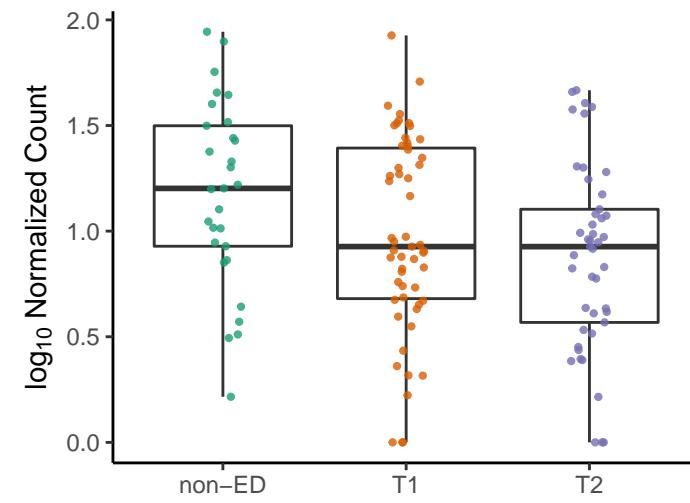
### *Dolosigranulum pigrum*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.0065  
 T1 vs. T2 adjusted p = 0.85



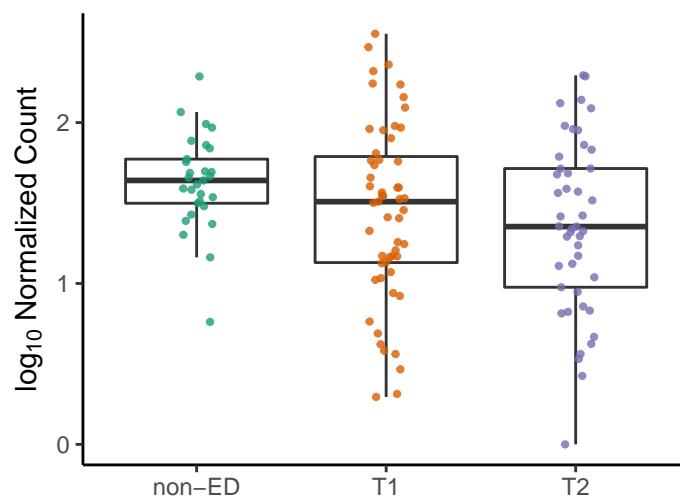
### *Kangiella geojeodonensis*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.85



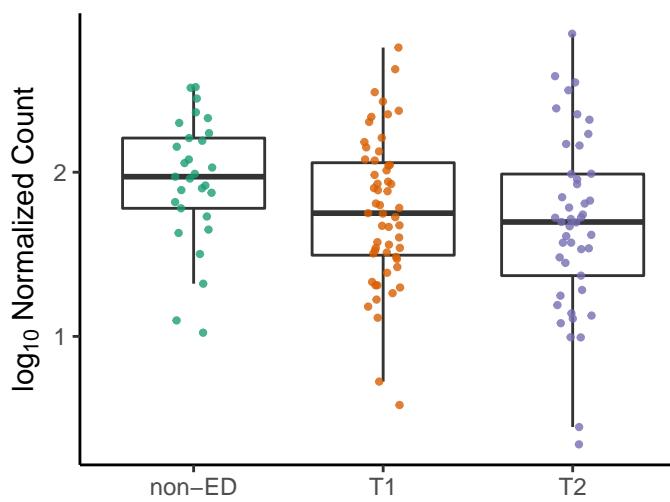
### Rhodovulum sp. MB263

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.88



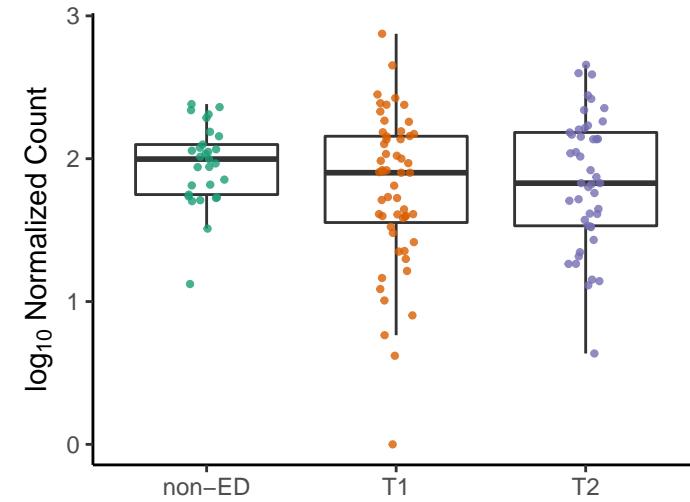
### Acholeplasma palmae

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.87



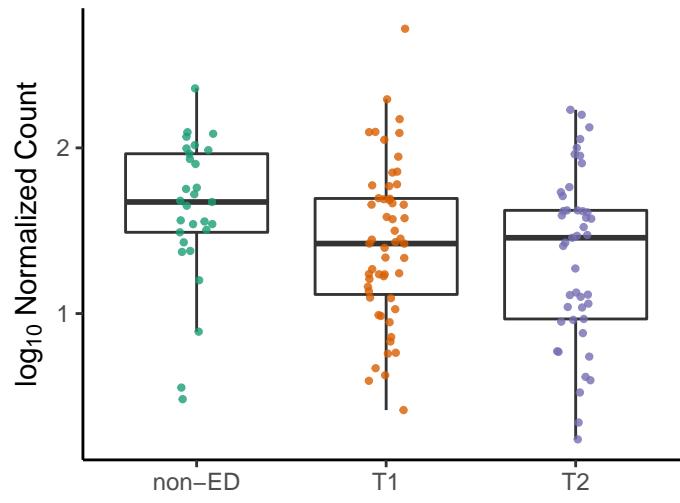
### Acinetobacter sp. WCHAc010034

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.27  
T1 vs. T2 adjusted p = 0.85



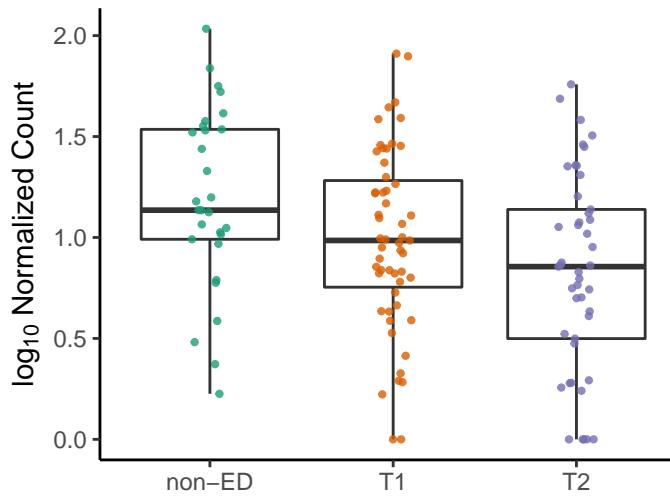
### Mycoplasma mycoides

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.85



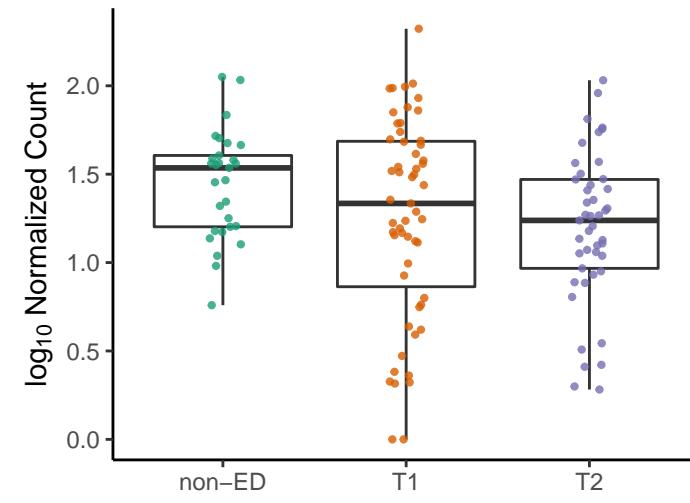
### Pseudoalteromonas aliena

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



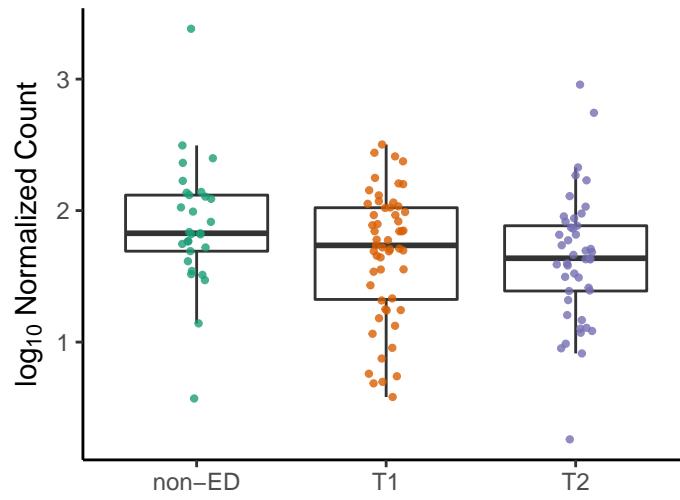
### Pseudomonas sp. S34

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.93



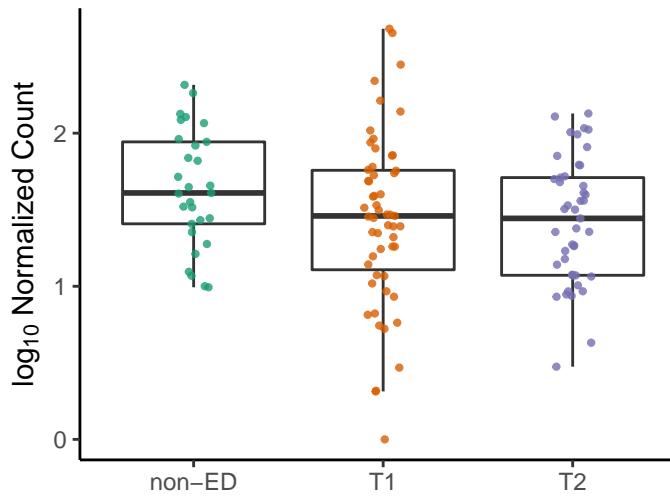
### Lactobacillus sp. P38

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.96



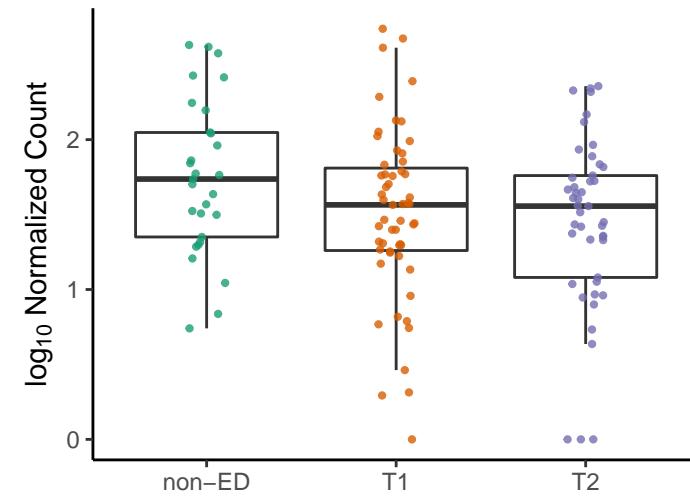
### Aeromonas caviae

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.93



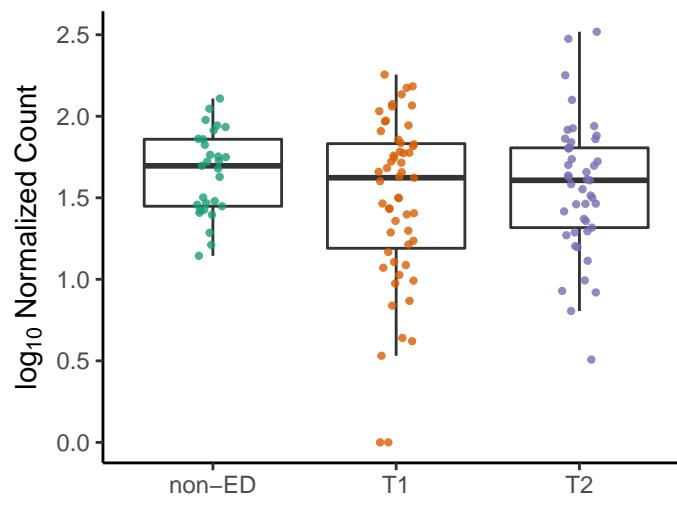
### Dermabacter jinjuensis

non-ED vs. T1 adjusted p = 0.087  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.91



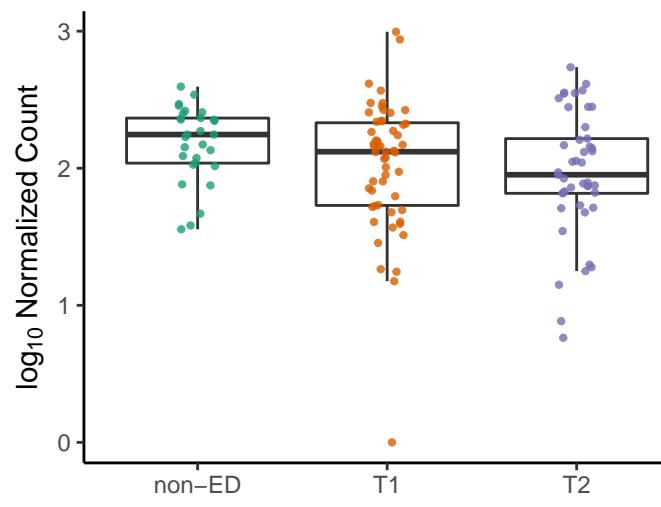
### *Pusillimonas* sp. T7-7

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.34  
 T1 vs. T2 adjusted p = 0.85



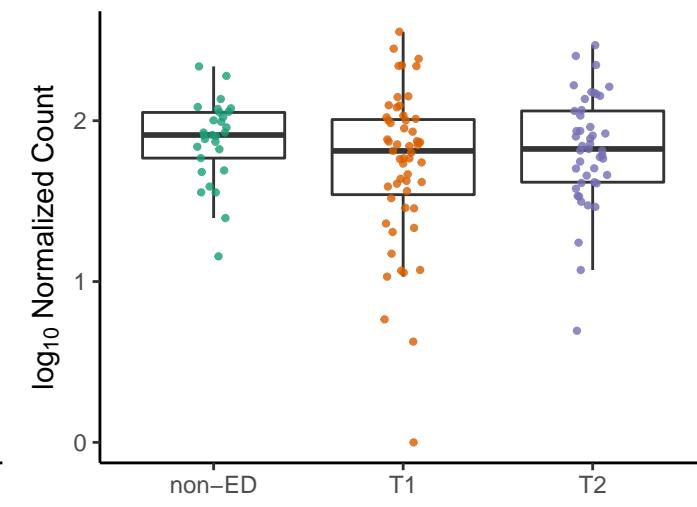
### *Bacillus krulwichiae*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.85



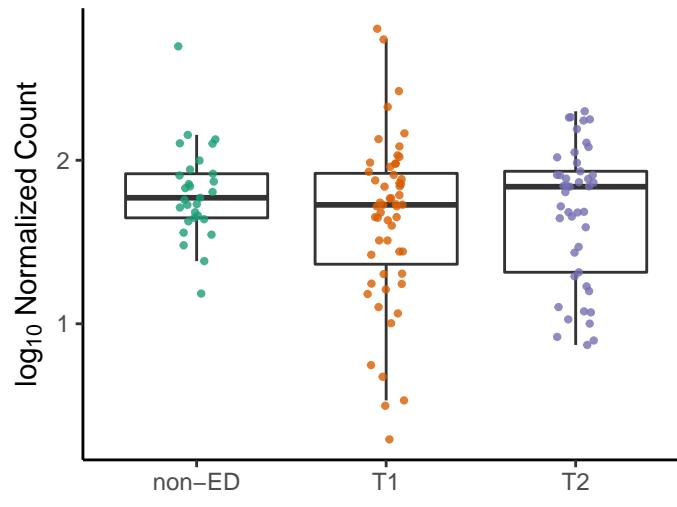
### *Thermosulfurimonas marina*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.46  
 T1 vs. T2 adjusted p = 0.85



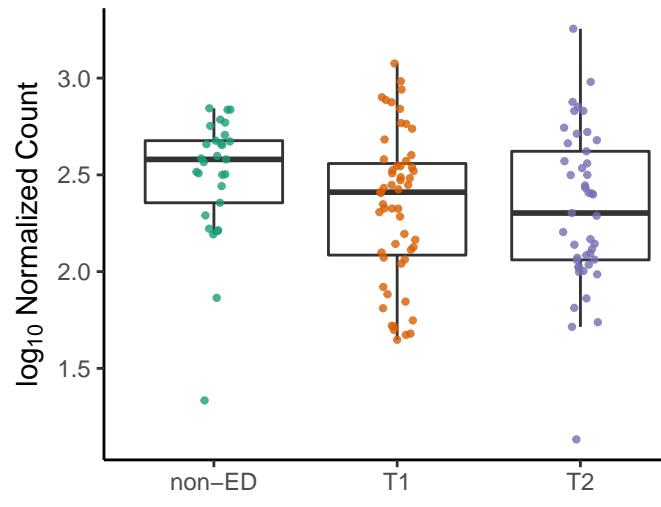
### *Mycobacterium basiliense*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.88



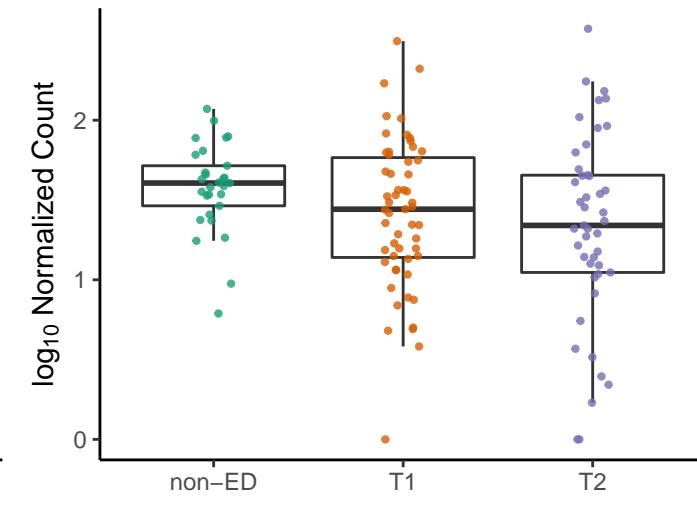
### *Thermoanaerobacterium thermosaccharolyticum*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.97



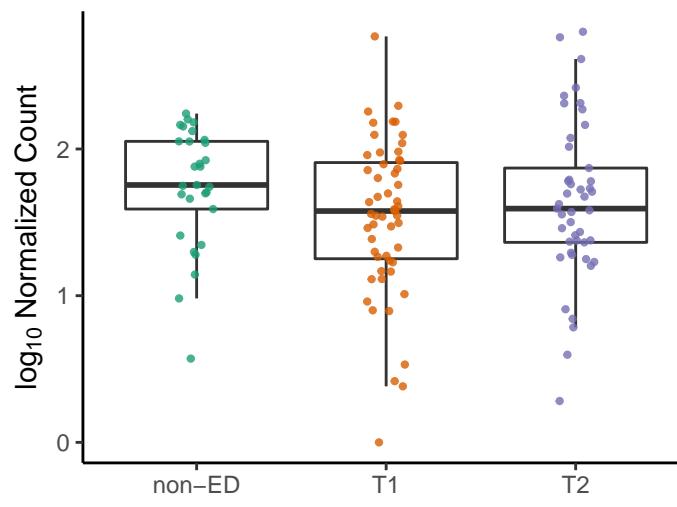
### Unclassified Nonlabens Genus

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.85



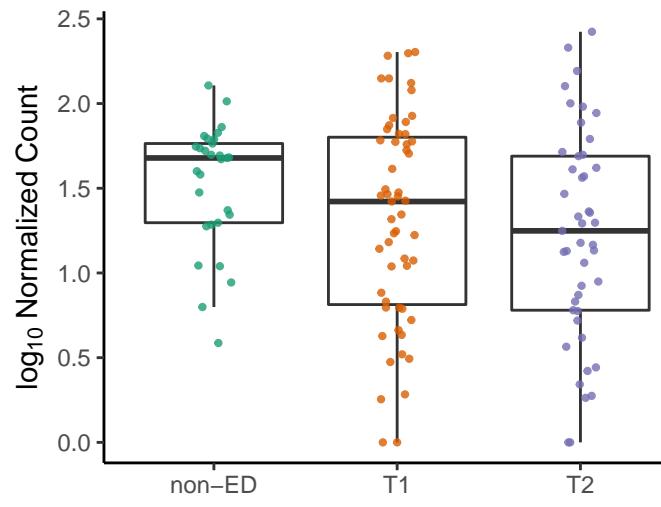
### *Aeromonas* sp. CA23

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.41  
 T1 vs. T2 adjusted p = 0.85



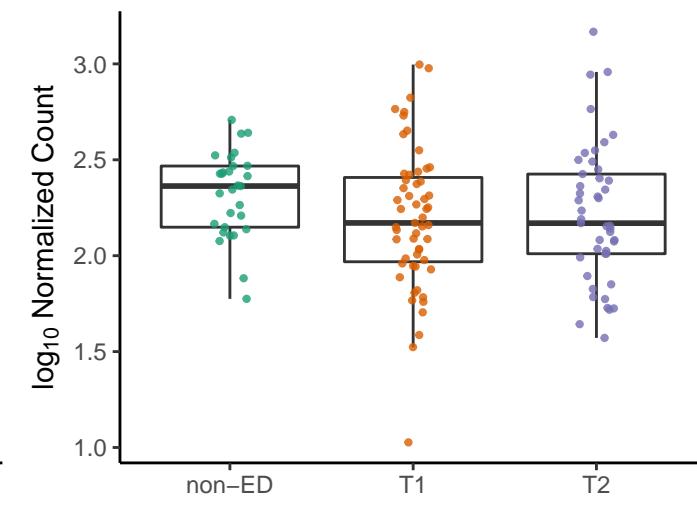
### Unclassified Nocardiaceae Family

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.89



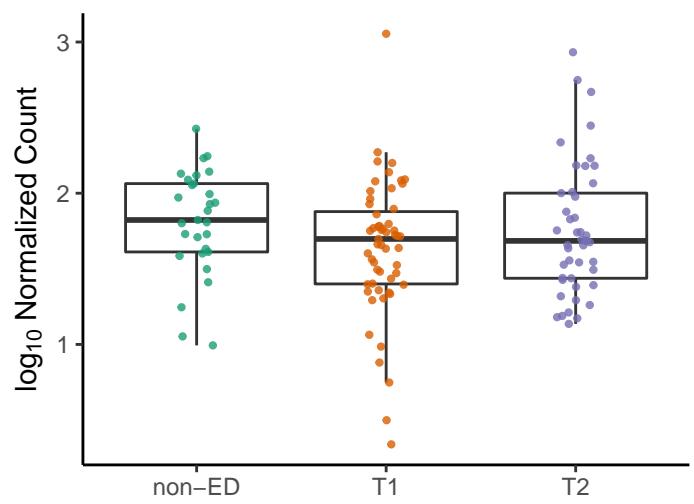
### *Desulfotomaculum nigrificans*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.87



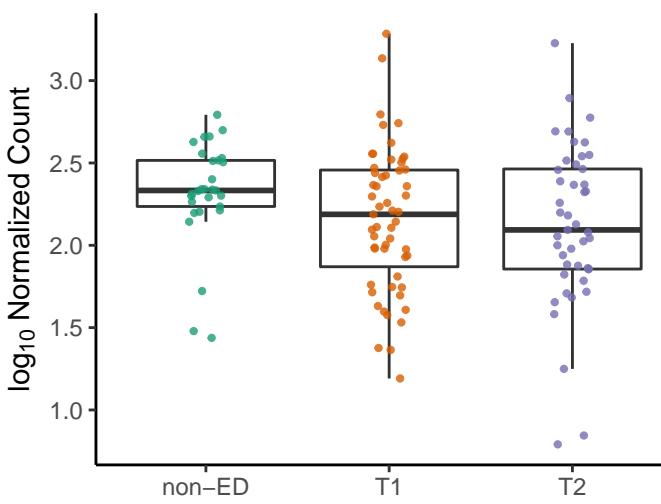
### *Microcoleus* sp. PCC 7113

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.55  
 T1 vs. T2 adjusted p = 0.85



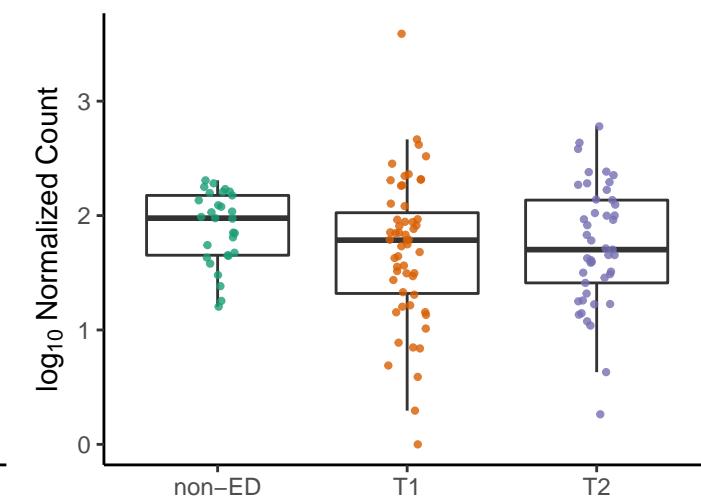
### Unclassified Treponema Genus

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.98



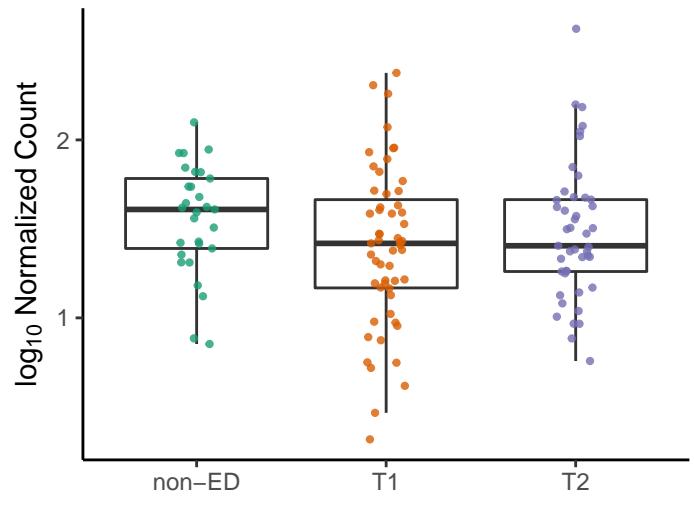
### *Pandoraea faecigallinarum*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.85



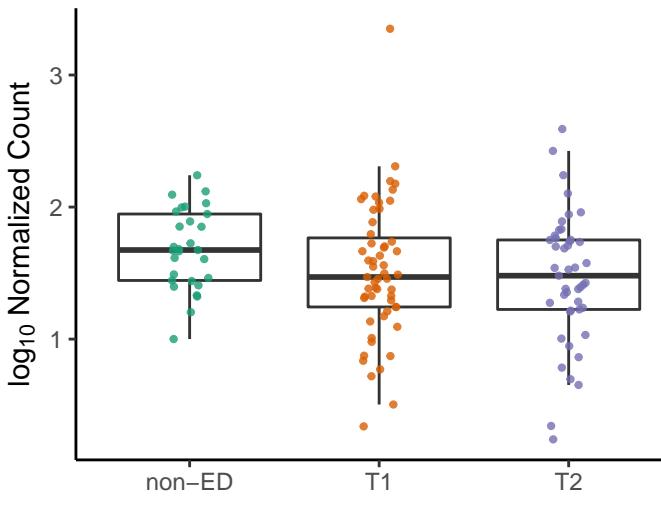
### *Nitrosospira briensis*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.4  
 T1 vs. T2 adjusted p = 0.85



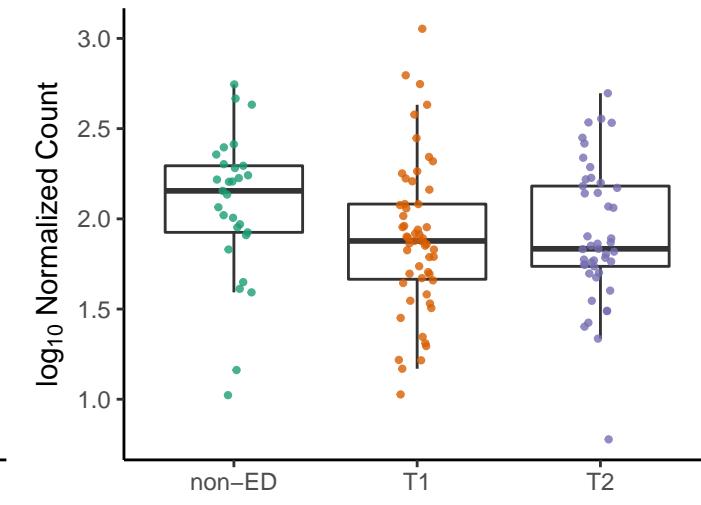
### *Scytonema* sp. HK-05

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.91



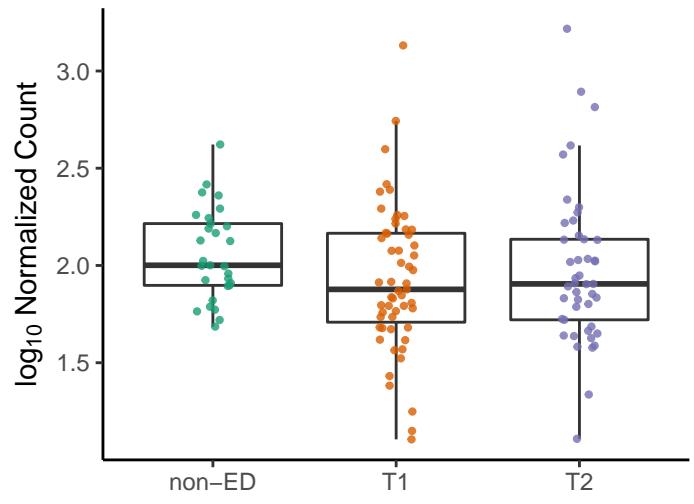
### *Echinicola vietnamensis*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.87



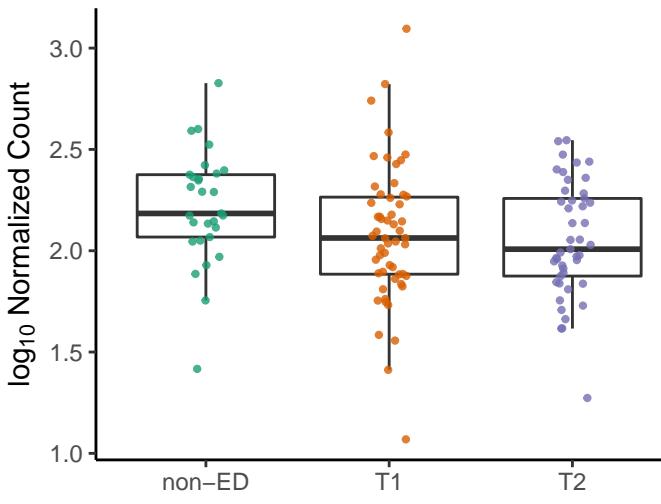
### *Rubinisphaera brasiliensis*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.33  
 T1 vs. T2 adjusted p = 0.9



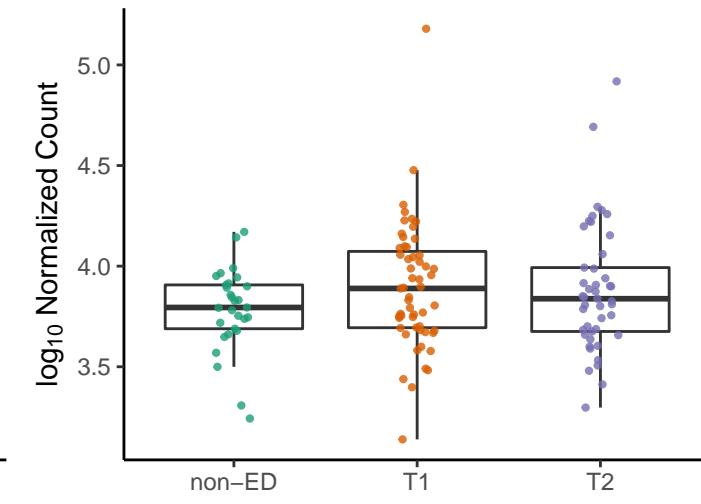
### *Lactobacillus pentosus*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.92



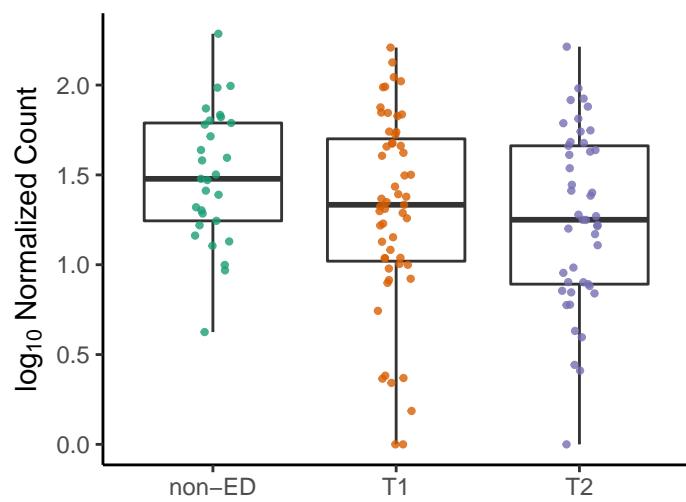
### *Hungatella hathewayi*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.97



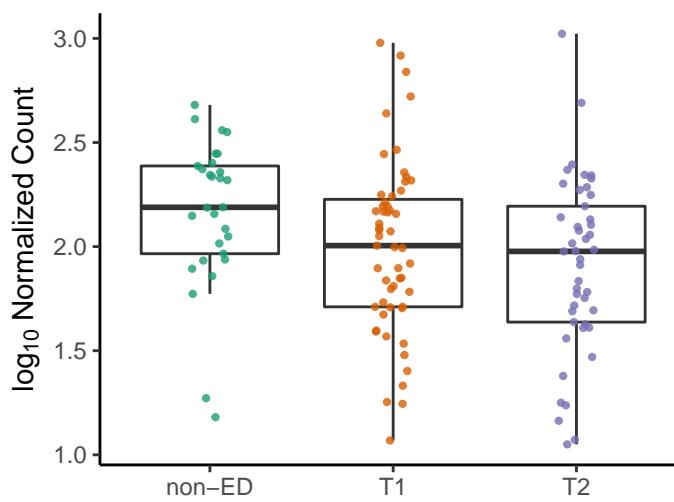
### *Halop profundus* sp. MHR1

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.95



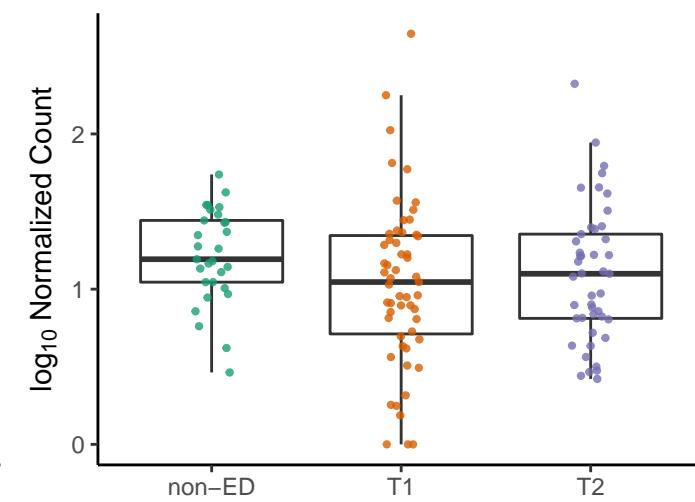
### *Chryseobacterium* sp. T16E-39

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



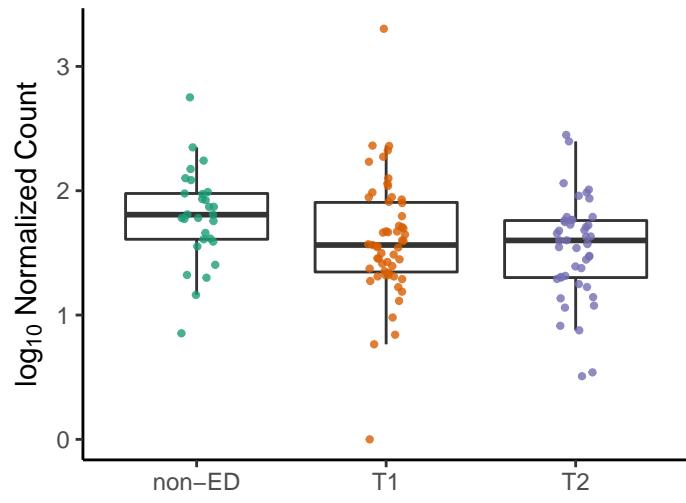
### *Mycobacterium canettii*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.95



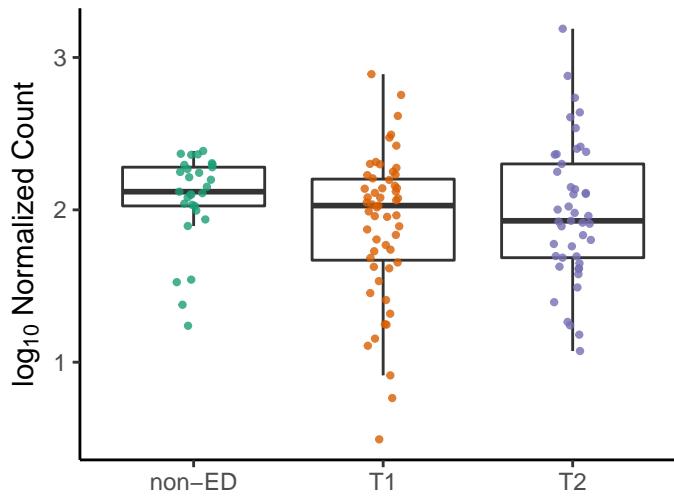
### *Lactobacillus koreensis*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.98



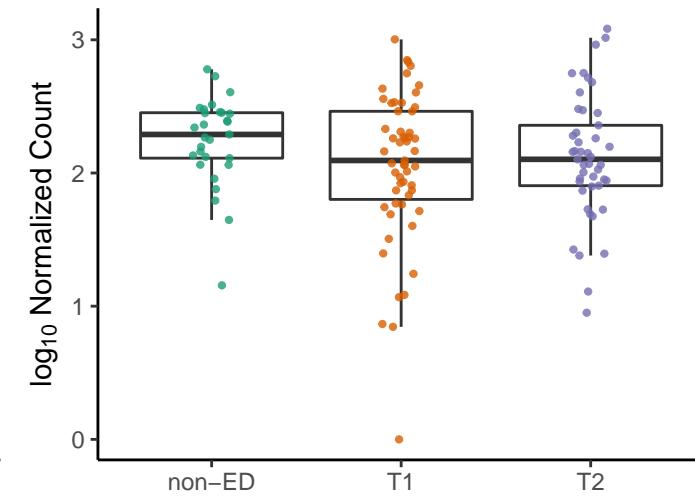
### *Brevibacterium linens*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.36  
 T1 vs. T2 adjusted p = 0.85



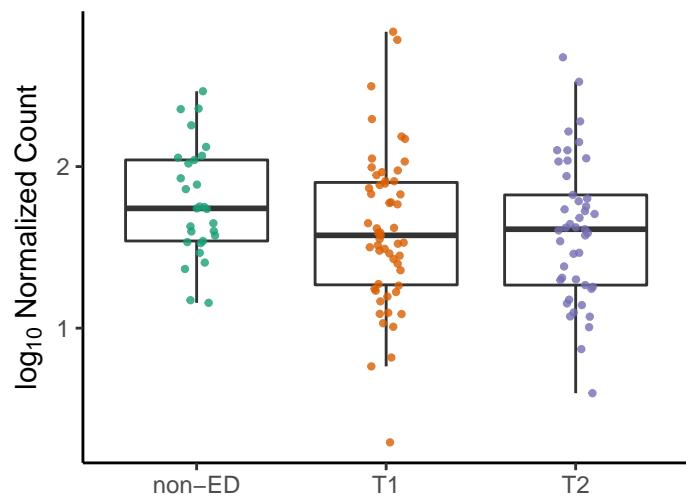
### *Micrococcus luteus*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



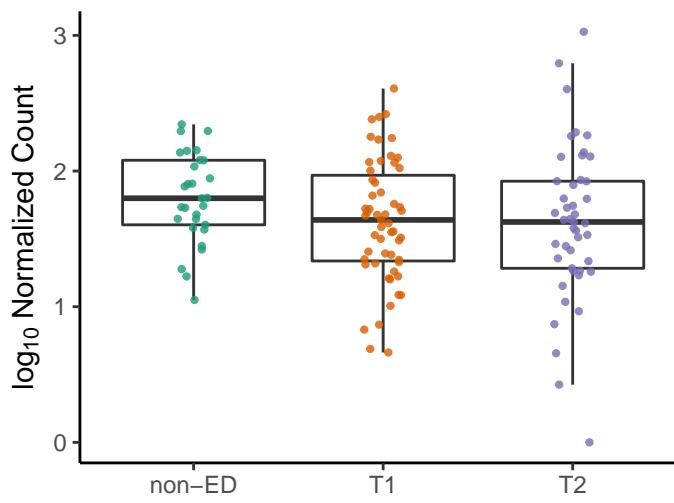
### *Corynebacterium flavescentis*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.92



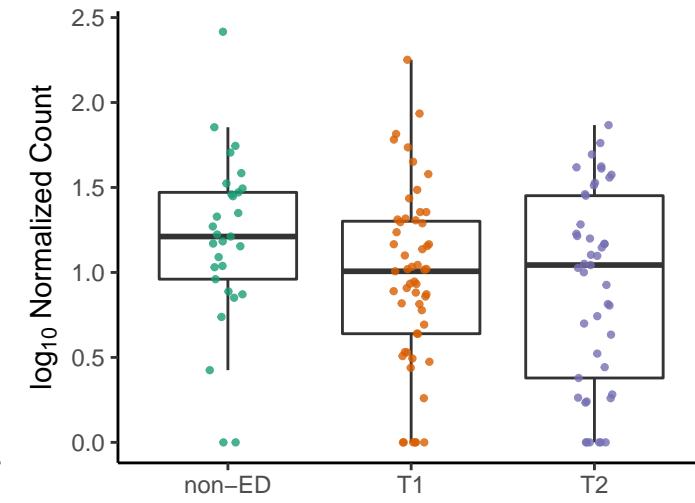
### *Croceicoccus marinus*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.98



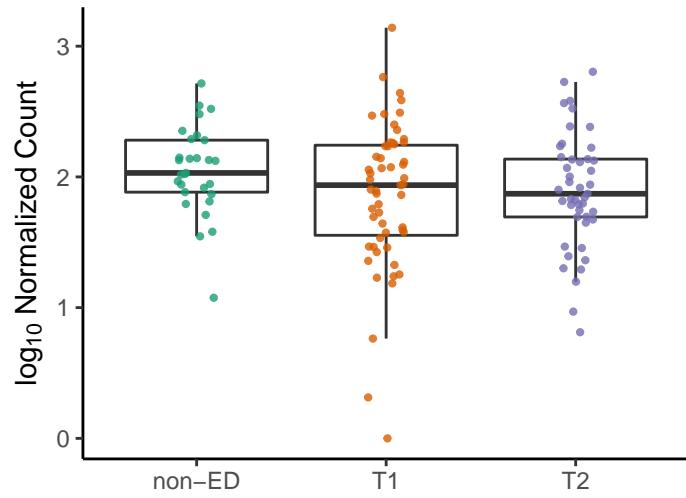
### Unclassified Desulfobacter Genus

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.92



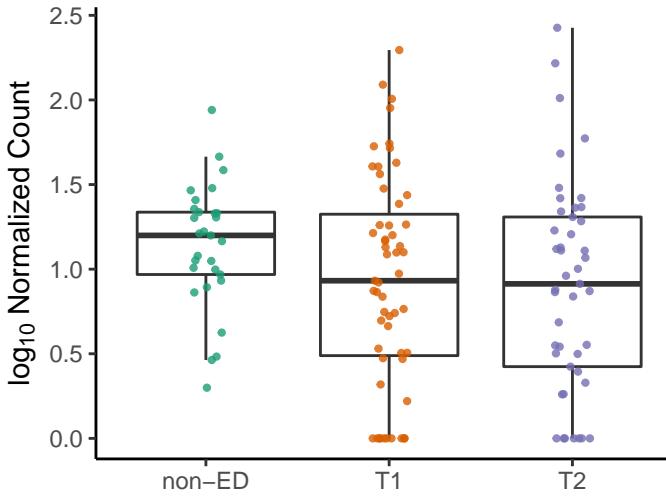
### *Massilia lutea*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.87



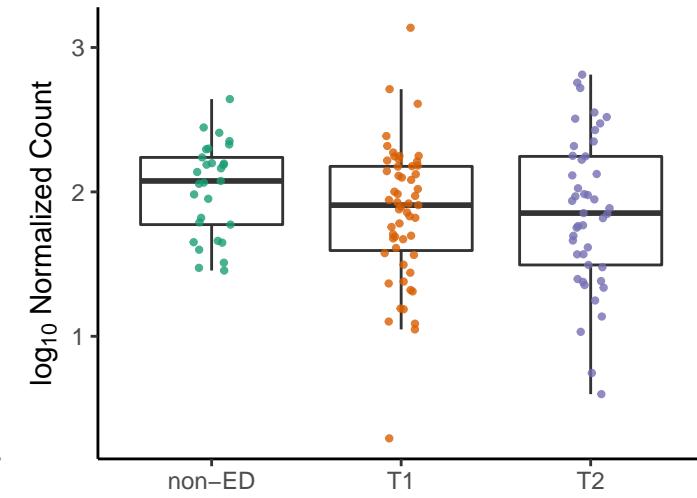
### *Methylobacterium phyllosphaerae*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.072  
 T1 vs. T2 adjusted p = 0.92



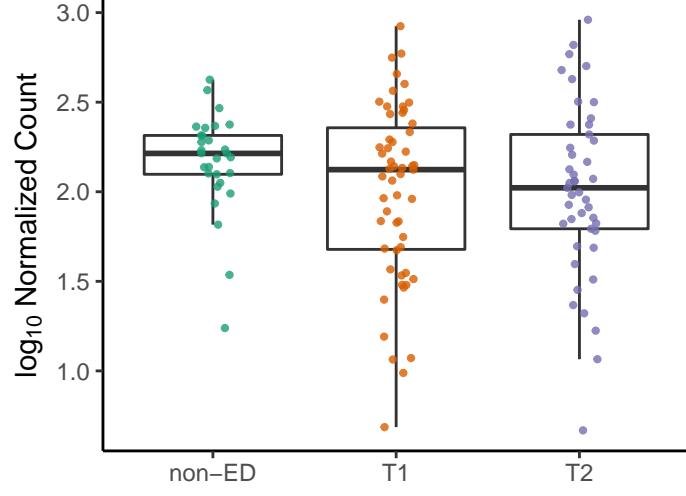
### Unclassified Halomonadaceae Family

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.91



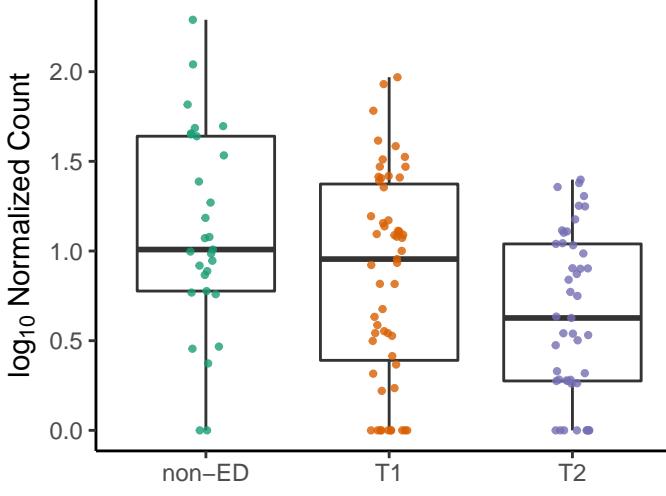
### *Solimonas* sp. K1W22B-7

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.9



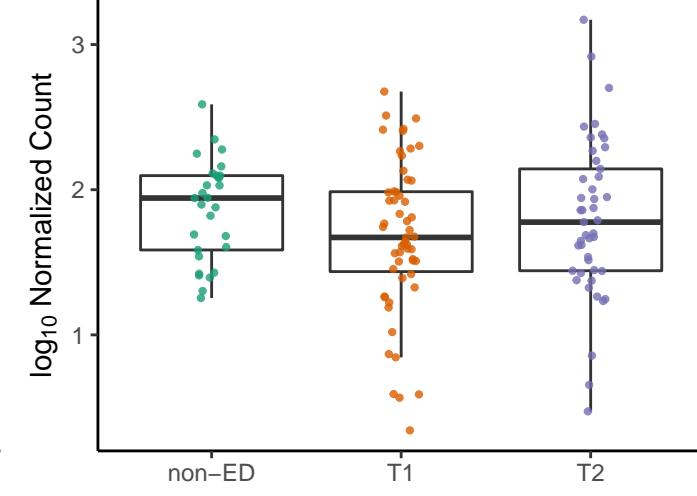
### *Pseudomonas granadensis*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.0062  
 T1 vs. T2 adjusted p = 0.75



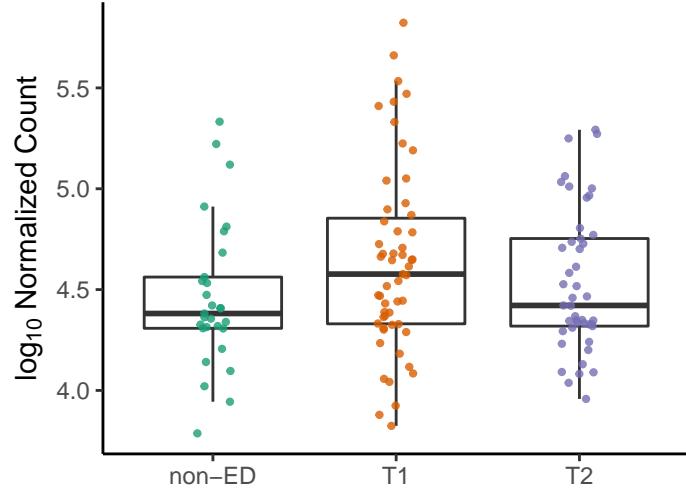
### *Mycolicibacterium goodii*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.61  
 T1 vs. T2 adjusted p = 0.85



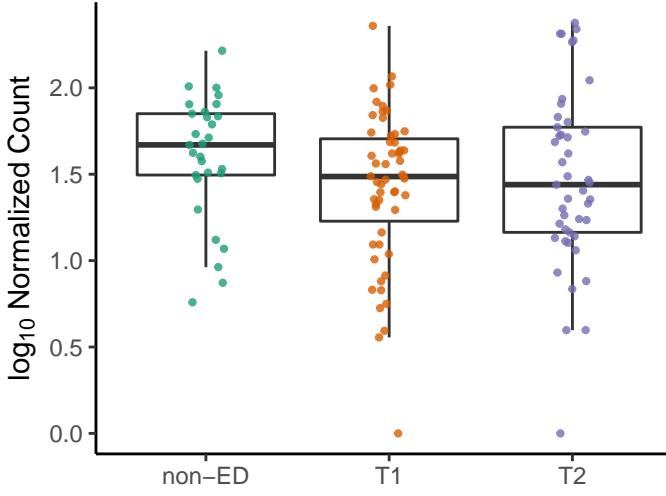
### [*Clostridium*] scindens

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.44  
 T1 vs. T2 adjusted p = 0.85



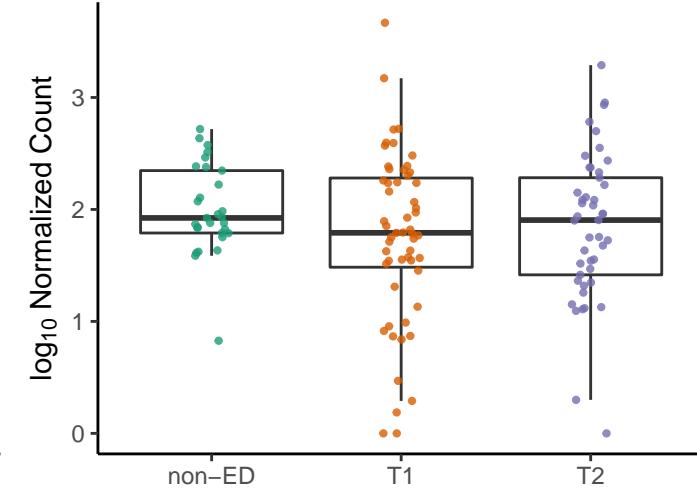
### Unclassified Planococcaceae Family

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.93



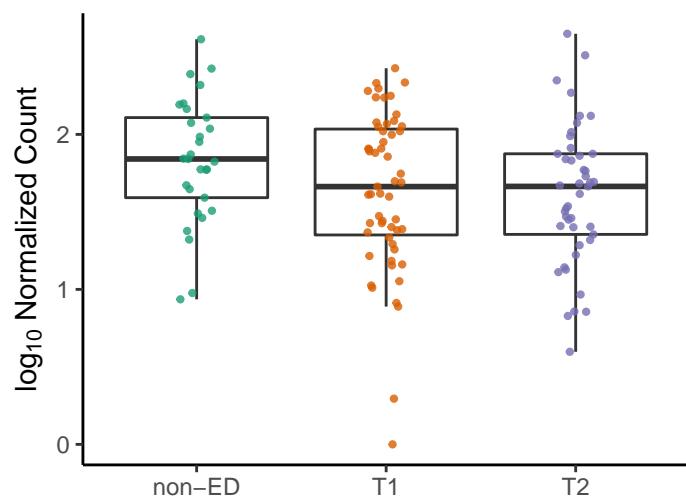
### *Haloferax mediterranei*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.85



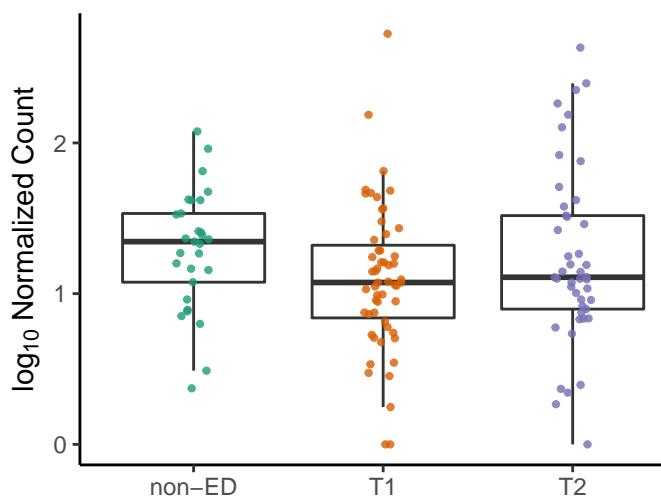
### *Methylibium petroleiphilum*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.06  
 T1 vs. T2 adjusted p = 0.95



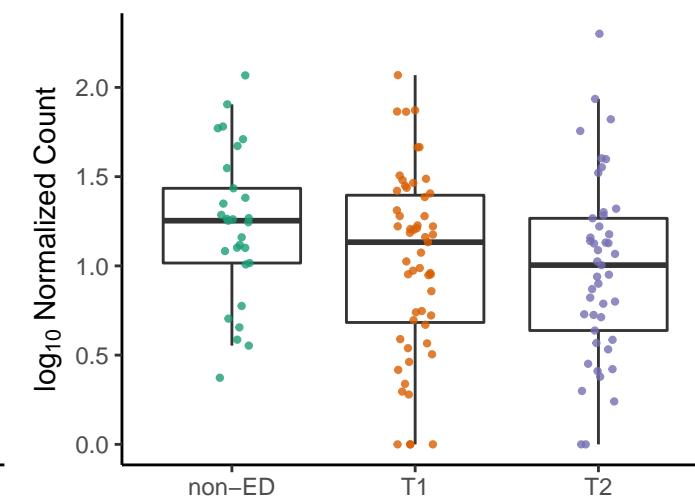
### *Acinetobacter sp. dk386*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.64  
 T1 vs. T2 adjusted p = 0.85



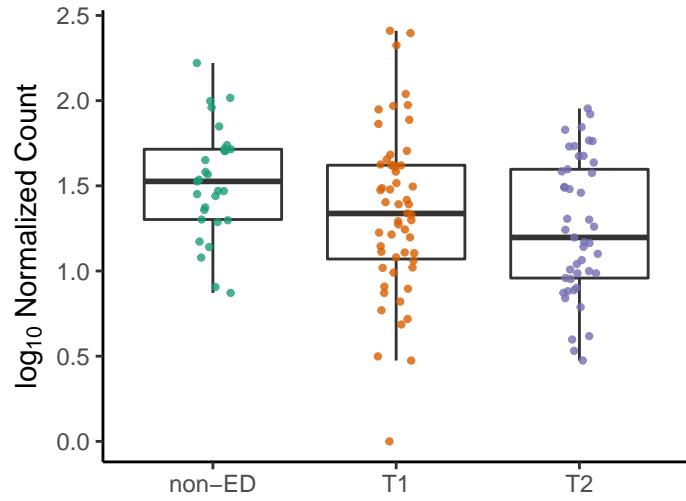
### *Caldicellulosiruptor bescii*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.062  
 T1 vs. T2 adjusted p = 0.9



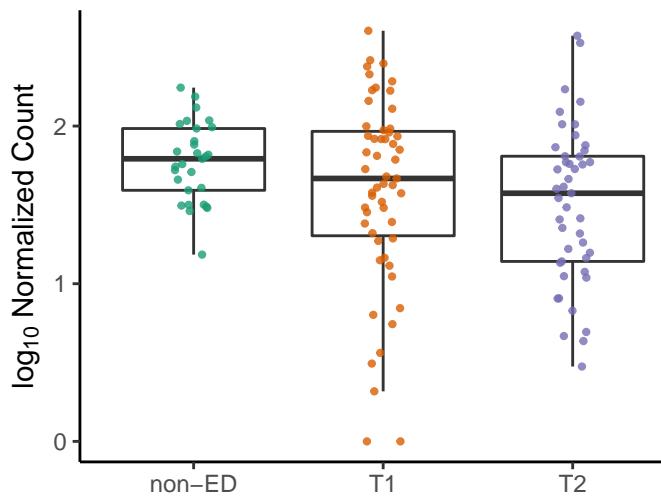
### *Yersinia al dovae*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.93



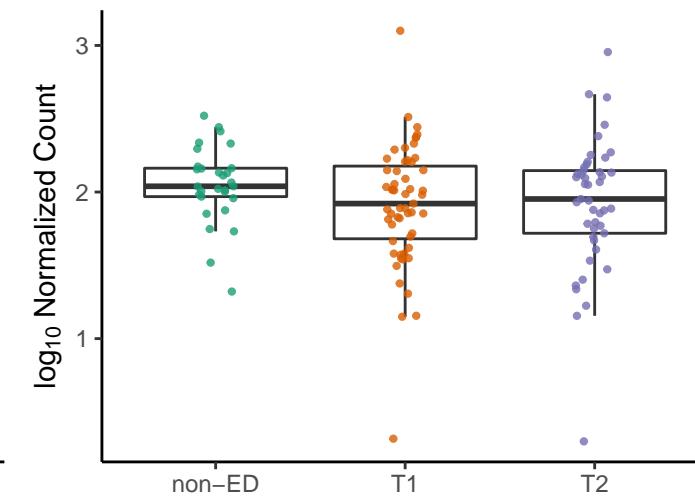
### *Rhodobacteraceae bacterium 9Alg 56*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.87



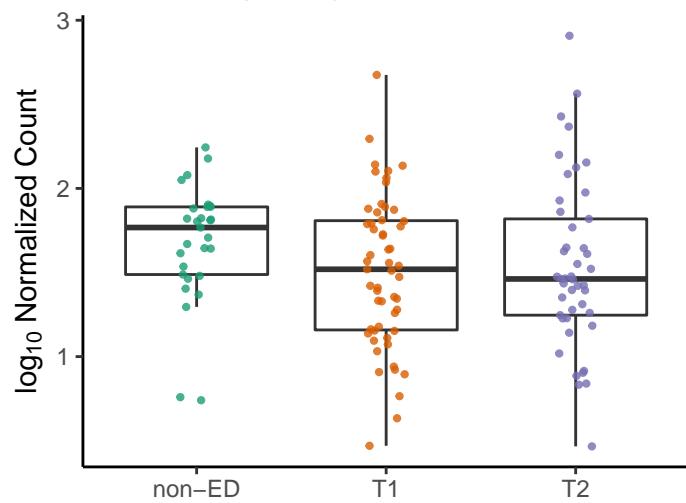
### *Planococcus sp. MB-3u-03*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.91



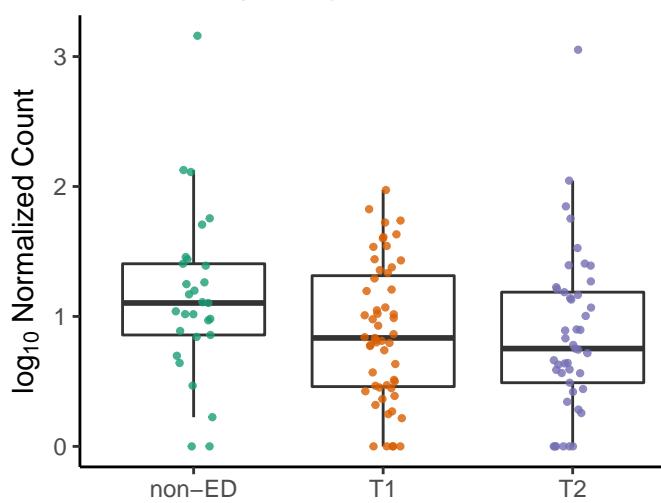
### *Lactobacillus malefermentans*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.91



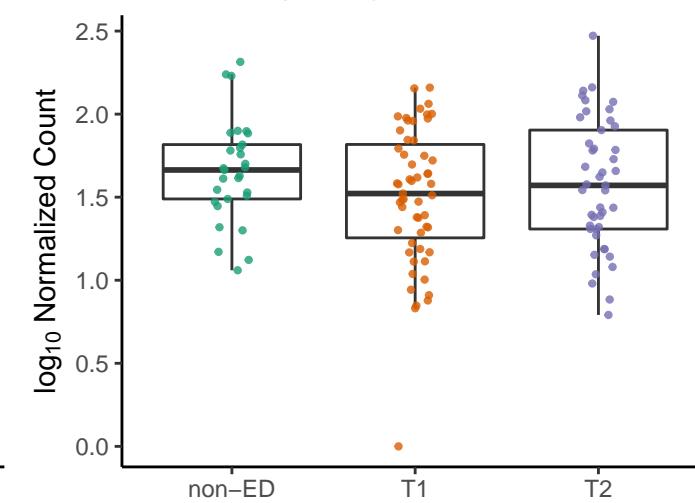
### *Mycoplasma flocculare*

non-ED vs. T1 adjusted p = 0.09  
 non-ED vs. T2 adjusted p = 0.094  
 T1 vs. T2 adjusted p = 0.91



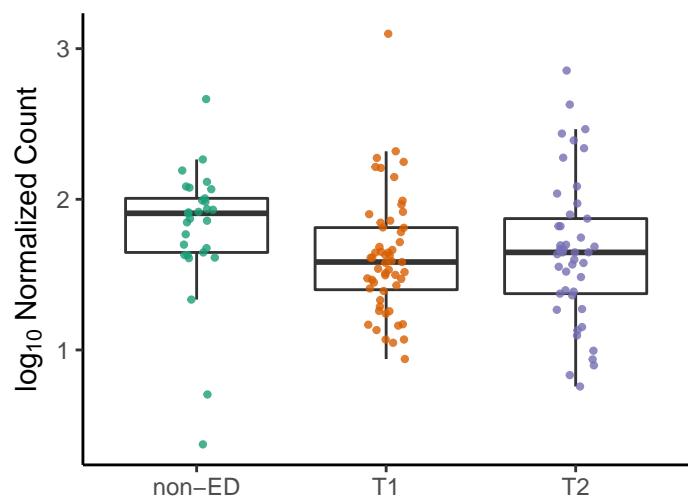
### *Sphingorhabdus sp. YGSM121*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.39  
 T1 vs. T2 adjusted p = 0.85



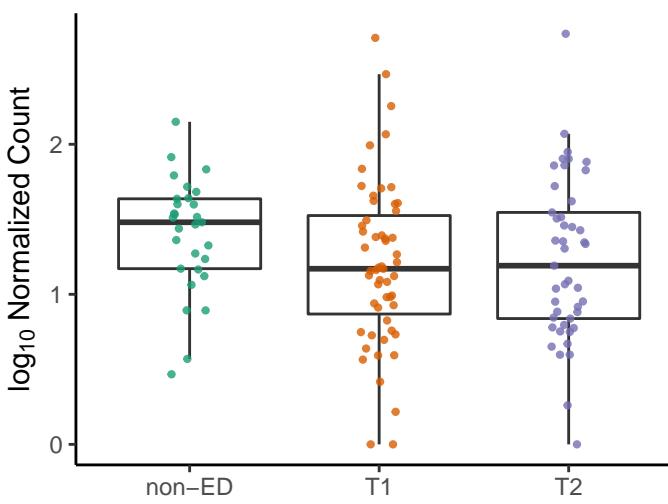
### *Lactobacillus nenjiangensis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.85



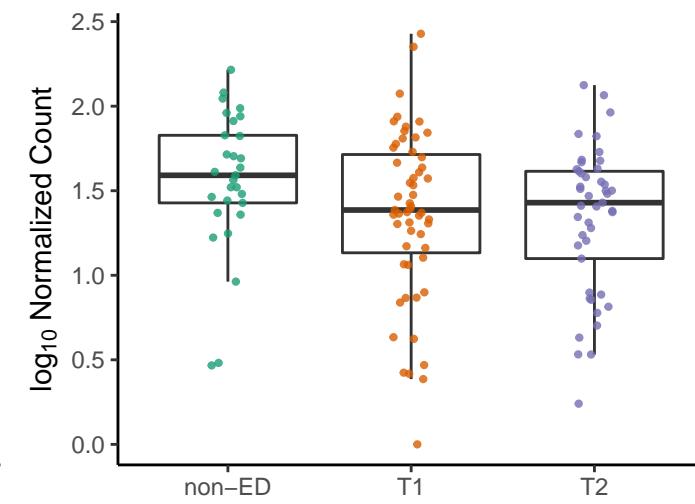
### *Glaciecola nitratireducens*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.95



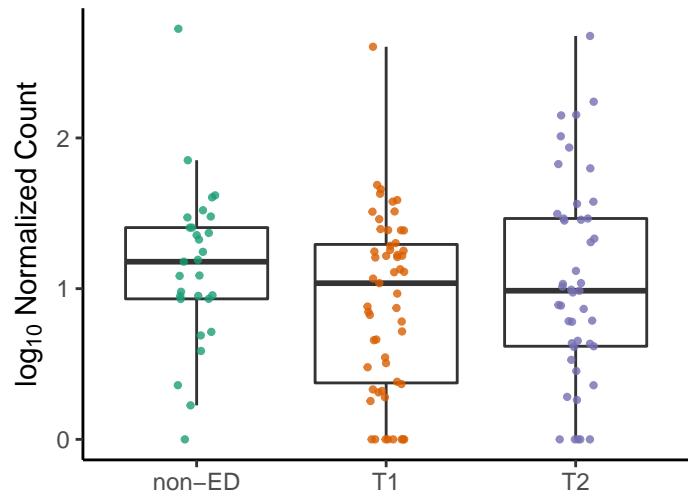
### *Paraglacielcola mesophila*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.89



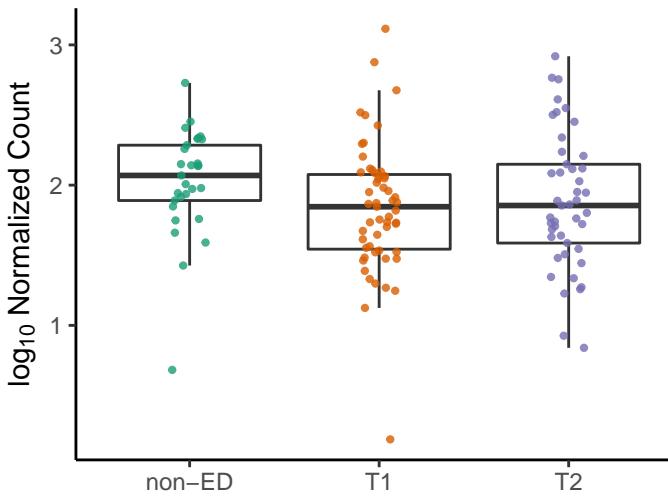
### *Streptomyces bacillaris*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.53  
 T1 vs. T2 adjusted p = 0.75



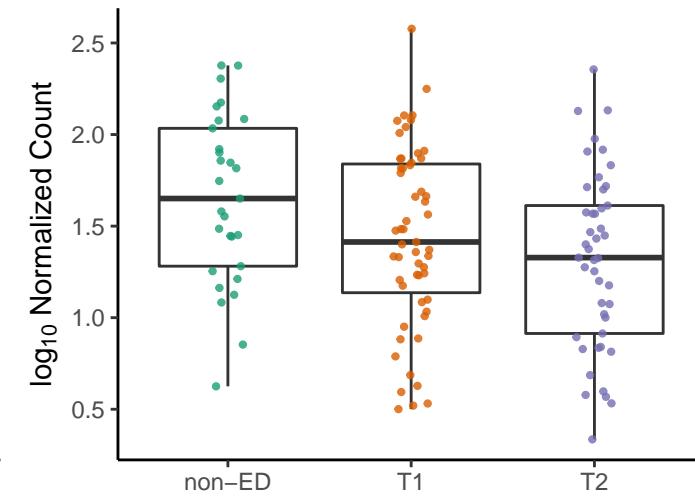
### *Cronobacter muytjensii*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



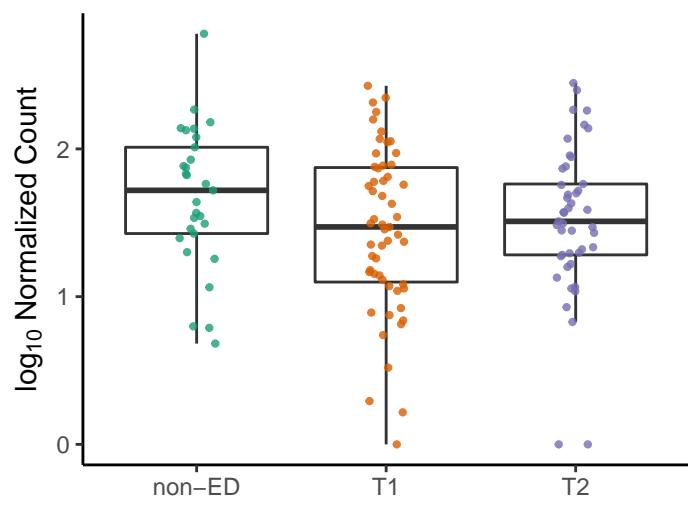
### *Mycoplasma anserisalpingitidis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.85



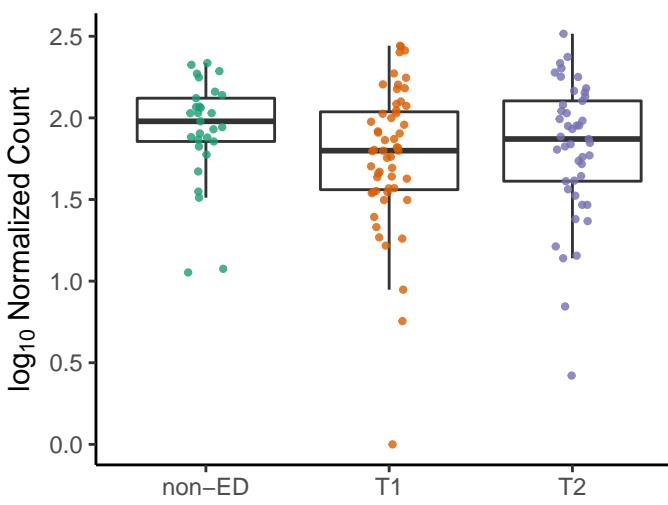
### *Spiribacter salinus*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.85



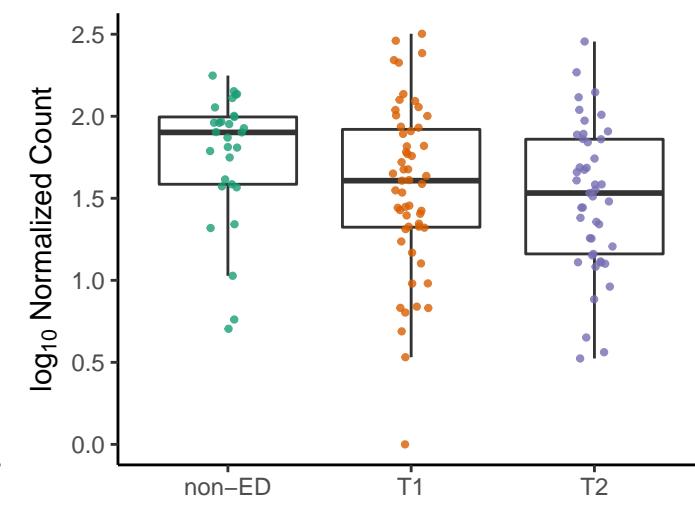
### *Cryptococcus gattii VGI*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.87



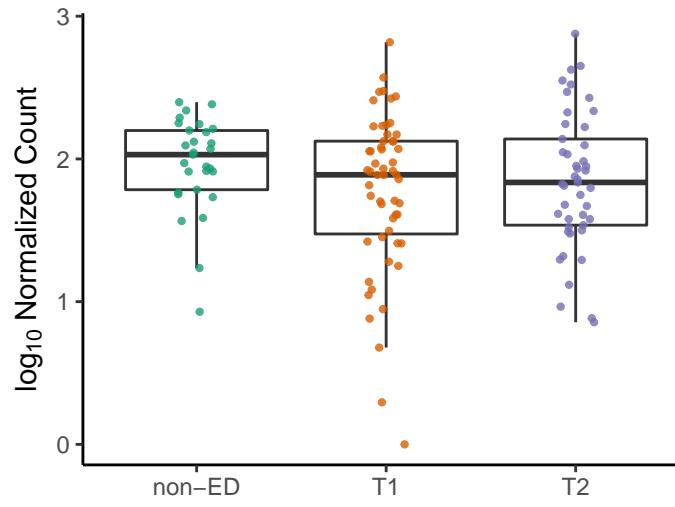
### *Owenweeksia hongkongensis*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



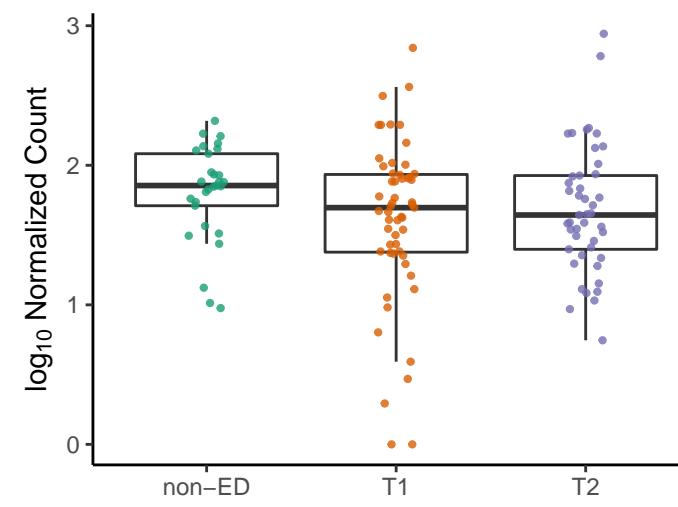
### *Sphingomonas sanxanigenens*

non-ED vs. T1 adjusted p = 0.091  
 non-ED vs. T2 adjusted p = 0.27  
 T1 vs. T2 adjusted p = 0.85



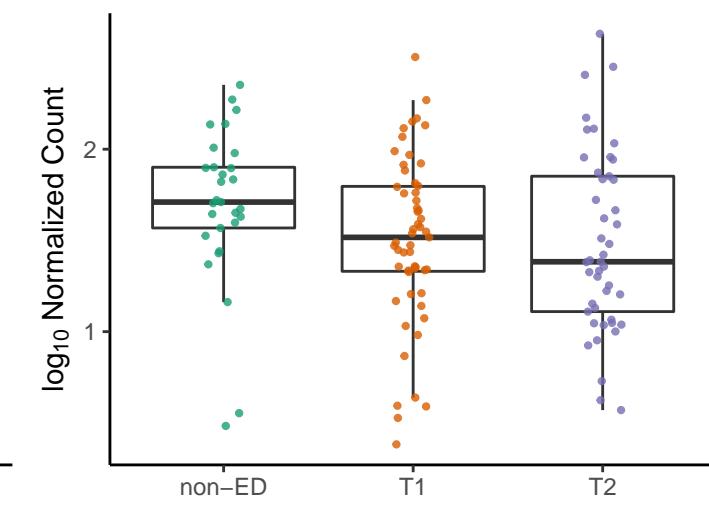
### *Mycolicibacterium celeriflavum*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.85



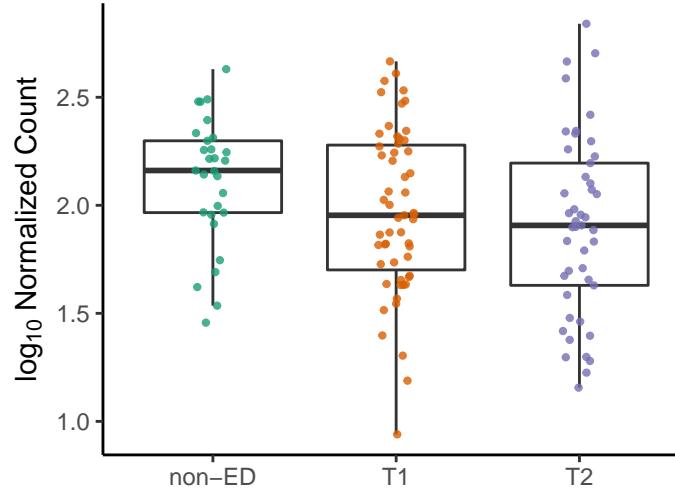
### *Polaribacter sp. MED152*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.091  
 T1 vs. T2 adjusted p = 0.95



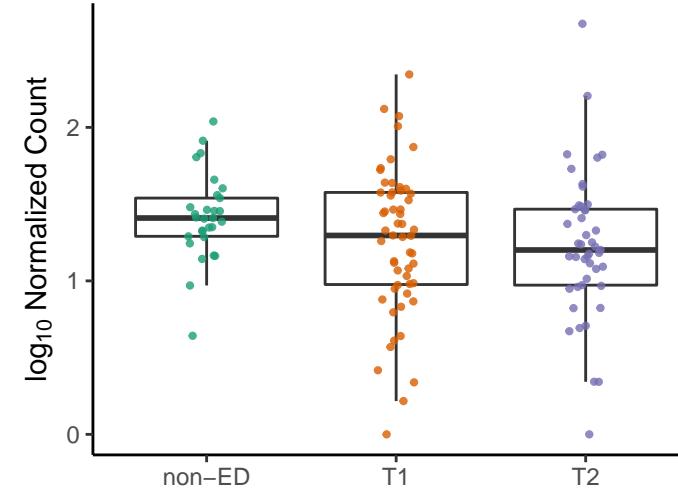
### *Fusarium venenatum*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.87



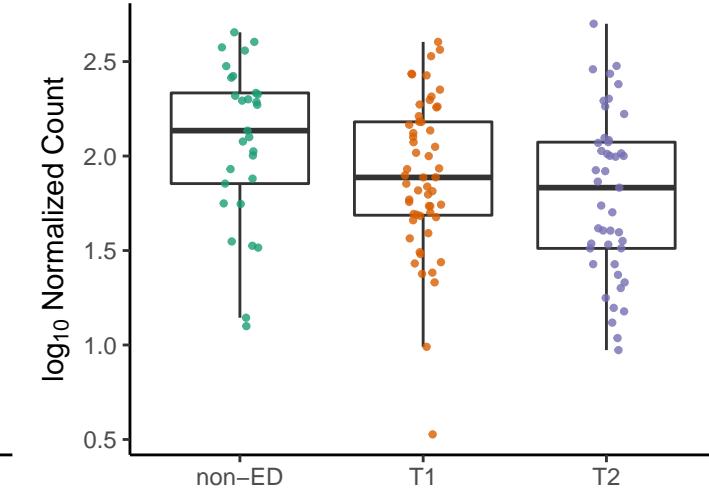
### *Shewanella frigidimarina*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.064  
 T1 vs. T2 adjusted p = 0.91



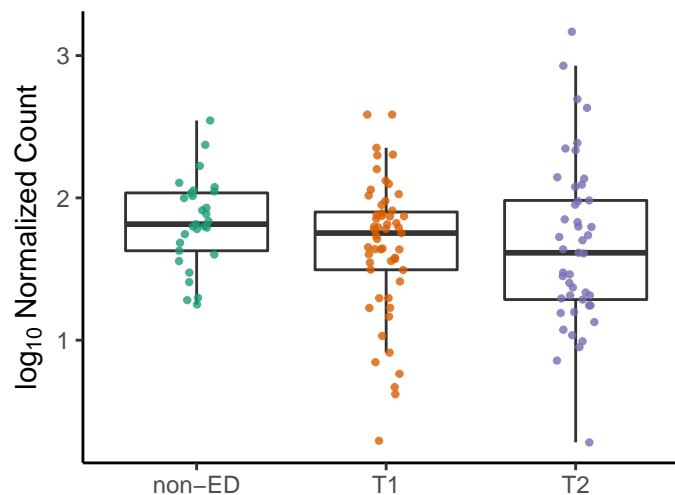
### *Halobacteroides halobius*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.85



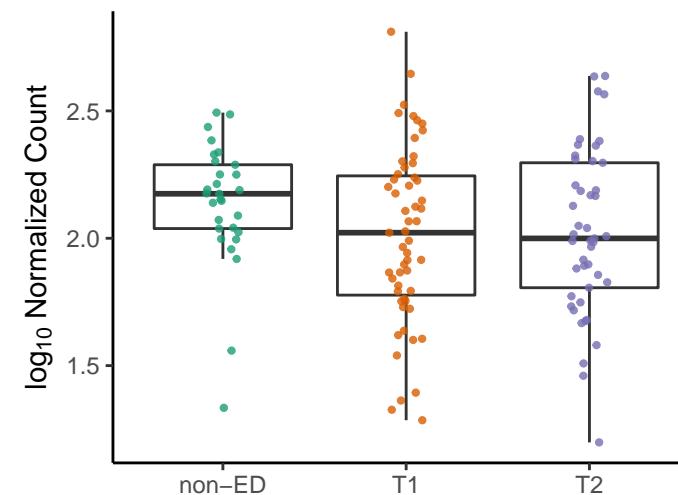
### *Saccharomonospora azurea*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.97



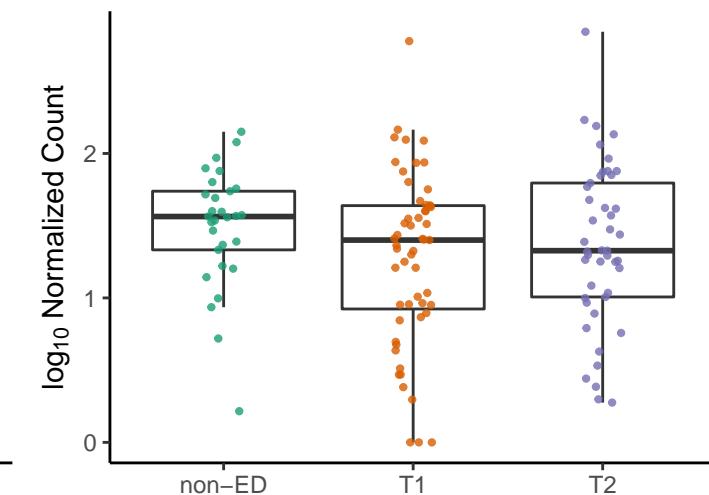
### *Fusarium fujikuroi*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.94



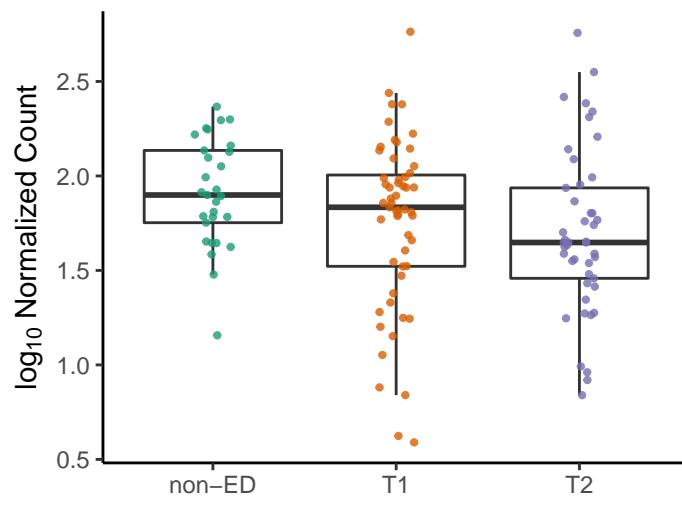
### *Rathayibacter rathayi*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.34  
 T1 vs. T2 adjusted p = 0.85



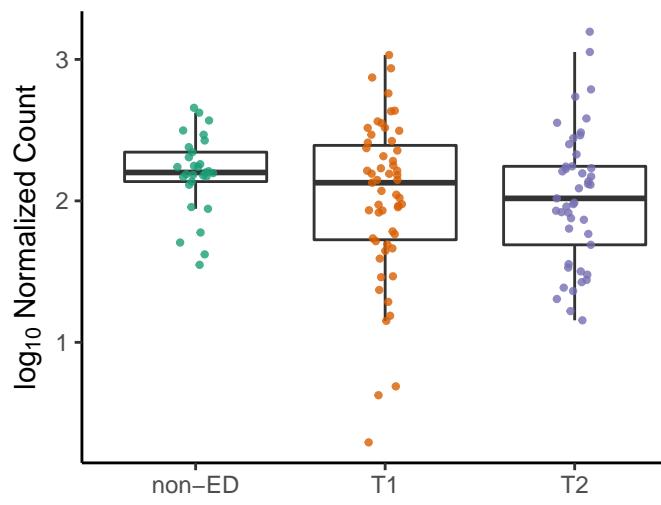
### *Agrobacterium vitis*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.033  
 T1 vs. T2 adjusted p = 0.85



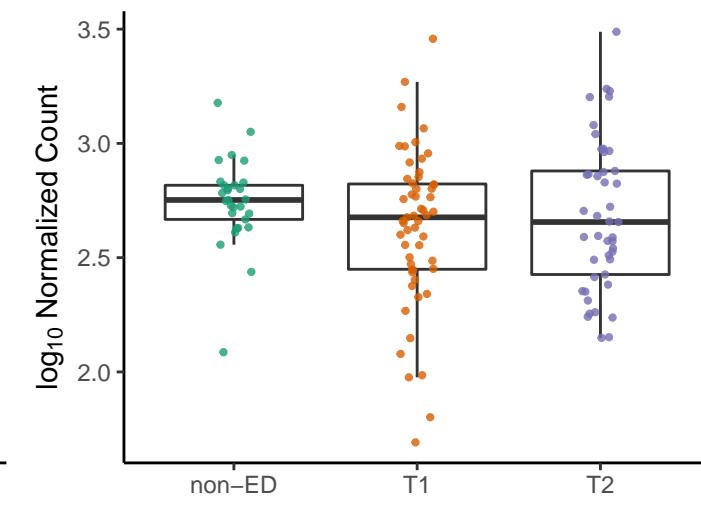
### *Pseudomonas furukawaiii*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.9



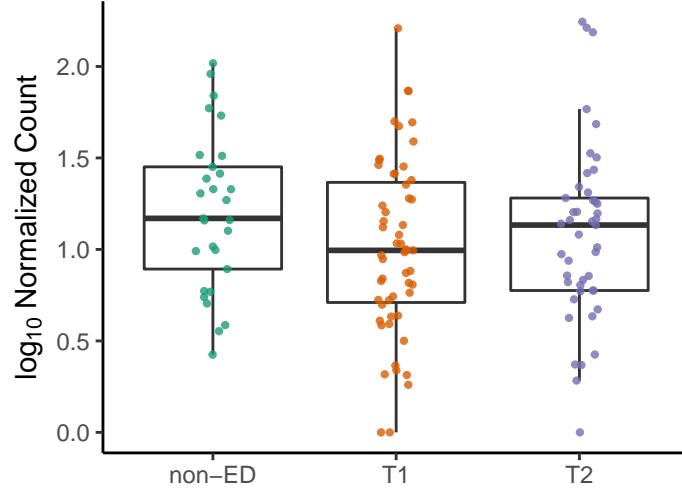
### *Paenibacillus durus*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.38  
 T1 vs. T2 adjusted p = 0.85



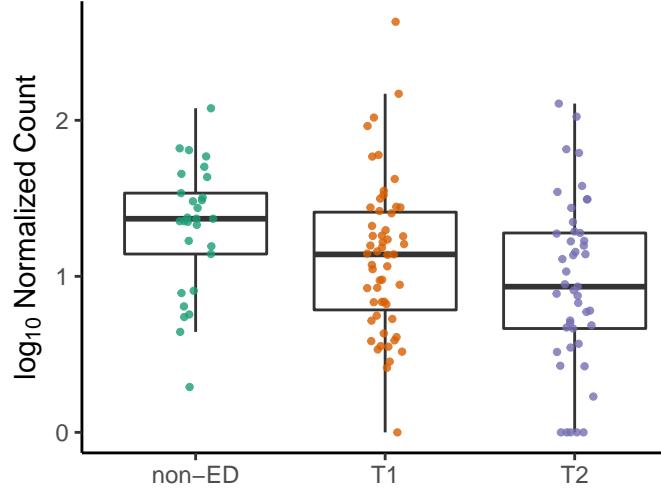
### Unclassified Scytomema Genus

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.85



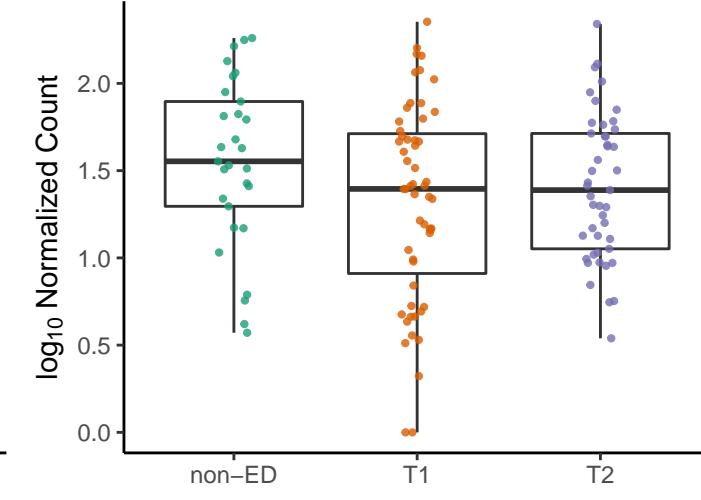
### *Blattabacterium cuenoti*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.85



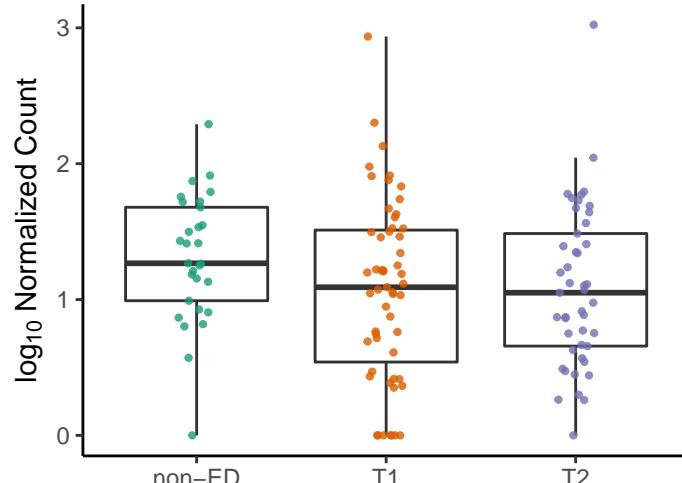
### *Halomicromium mukohataei*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.25  
 T1 vs. T2 adjusted p = 0.87



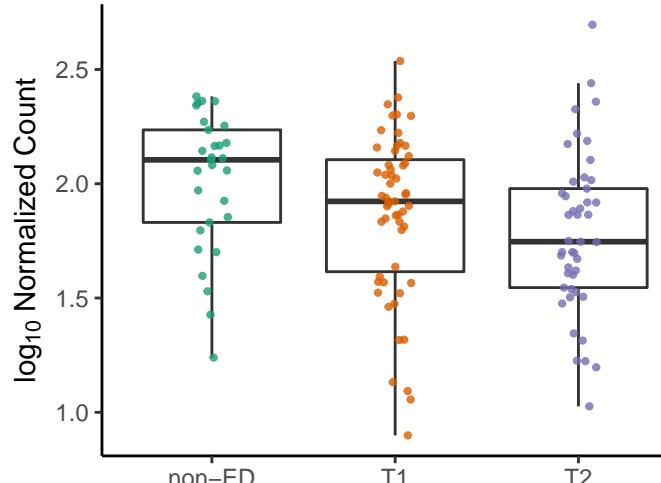
### *Natrinema pallidum*

non-ED vs. T1 adjusted p = 0.092  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.95



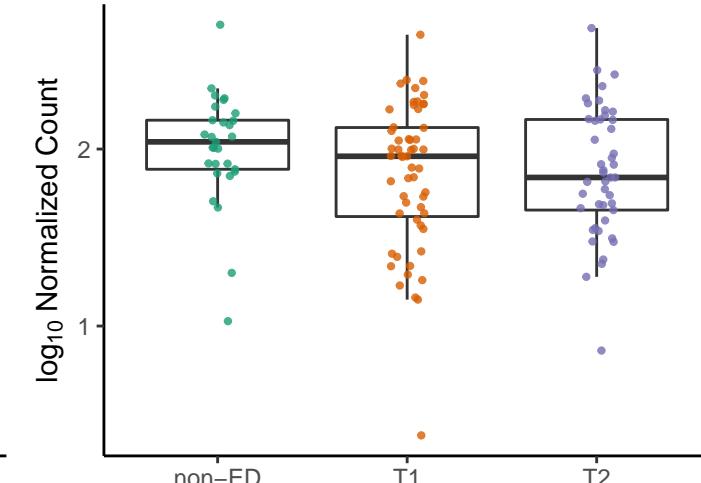
### *Fusarium graminearum*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.85



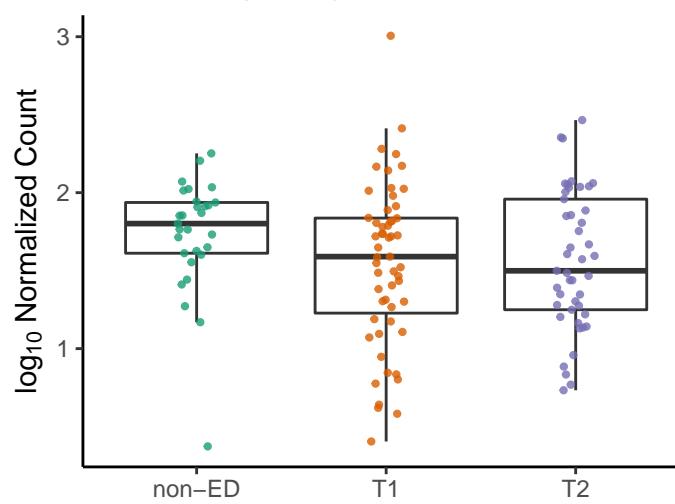
### *Planctomycetes bacterium SRT547*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.91



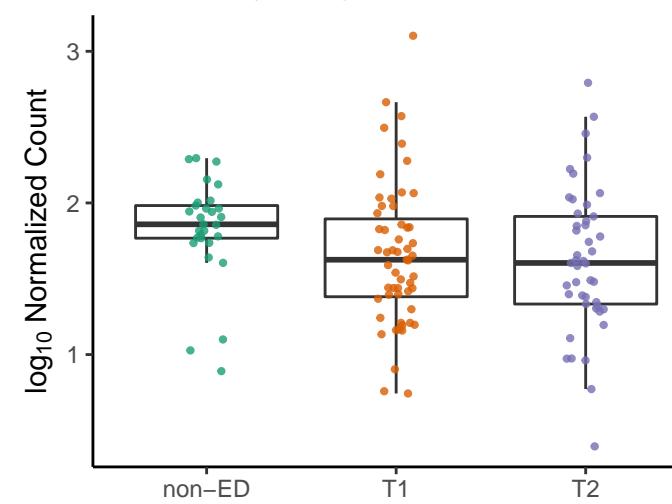
### *Capnocytophaga cynodegmi*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.95



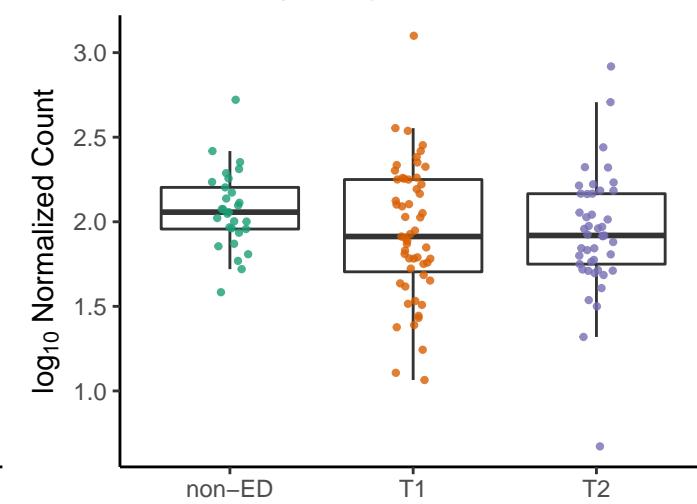
### *Macrococcus sp. IME1552*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.069  
 T1 vs. T2 adjusted p = 0.91



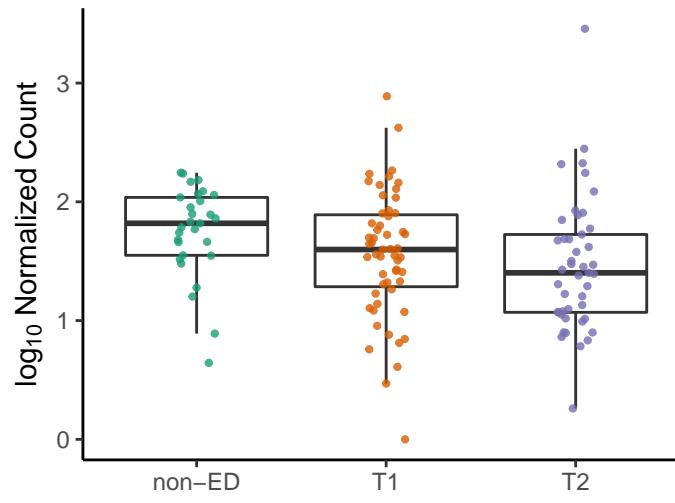
### *Granulosicoccus antarcticus*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.99



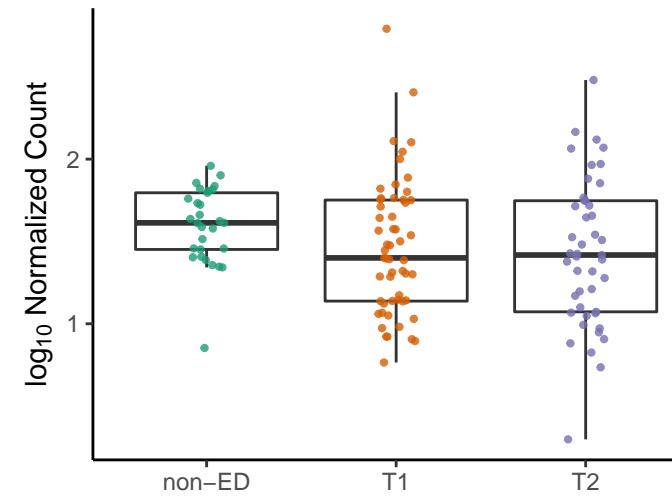
### *Polaribacter sp. ALD11*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



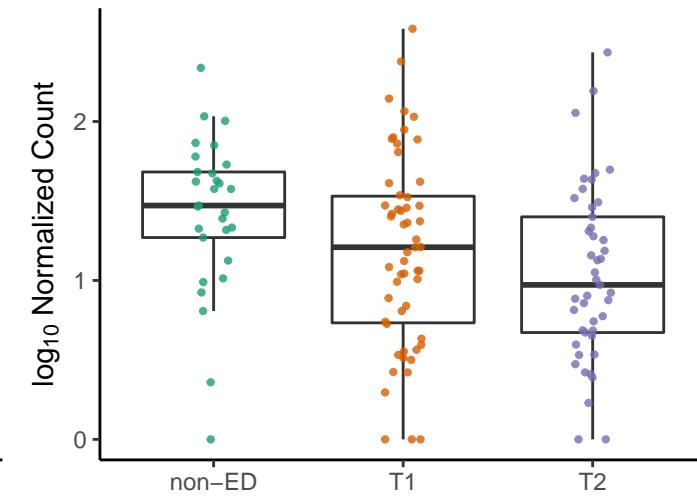
### *Corynebacterium sp. sy039*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.076  
 T1 vs. T2 adjusted p = 0.98



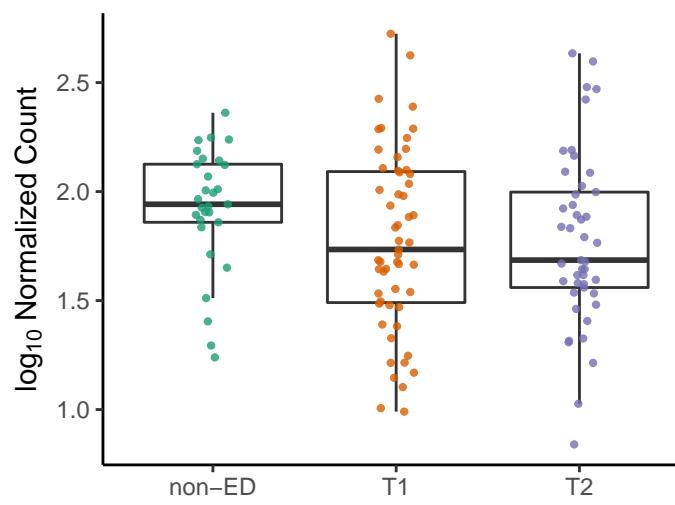
### *Mesoplasma chauliocola*

non-ED vs. T1 adjusted p = 0.093  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.85



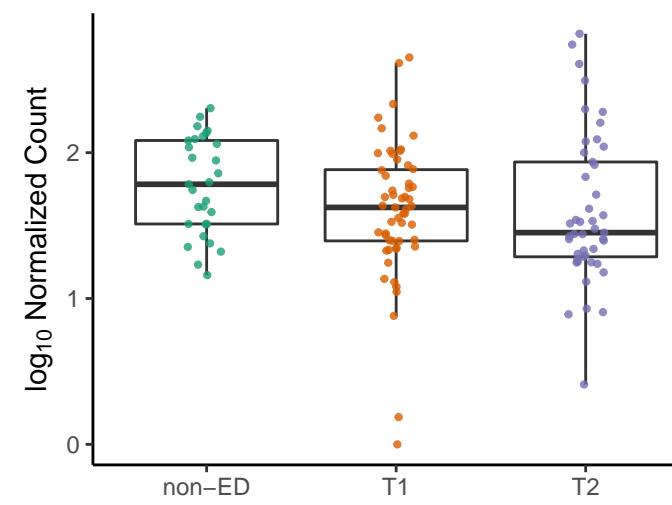
### *Acinetobacter schindleri*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.98



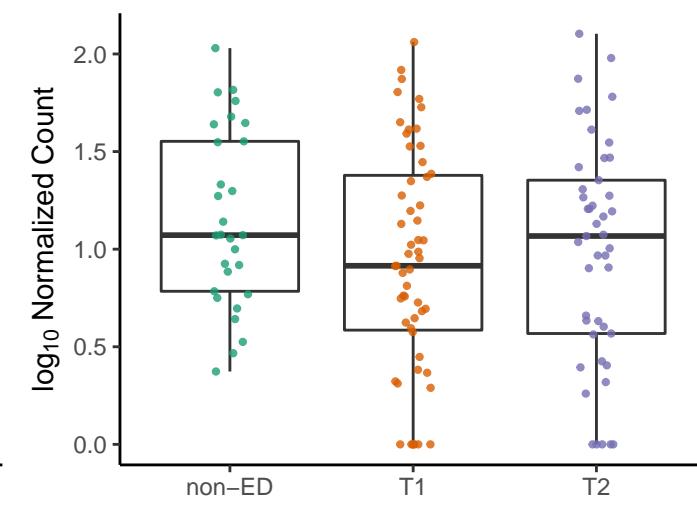
### *Limnobaculum parvum*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.98



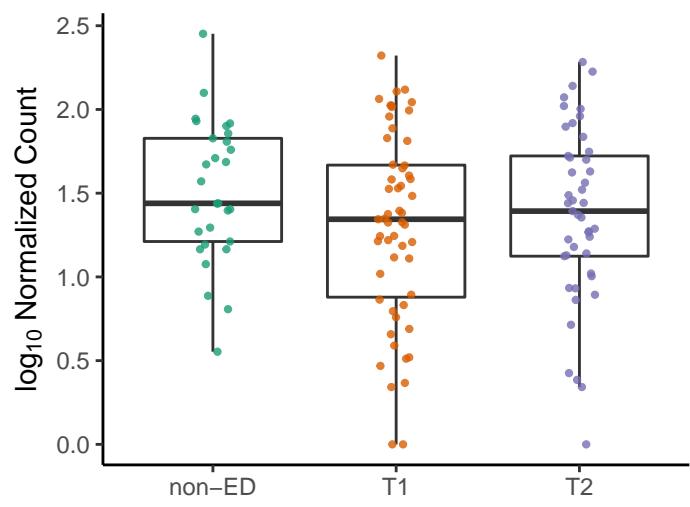
### *Thermococcus sp. SY113*

non-ED vs. T1 adjusted p = 0.094  
 non-ED vs. T2 adjusted p = 0.21  
 T1 vs. T2 adjusted p = 0.85



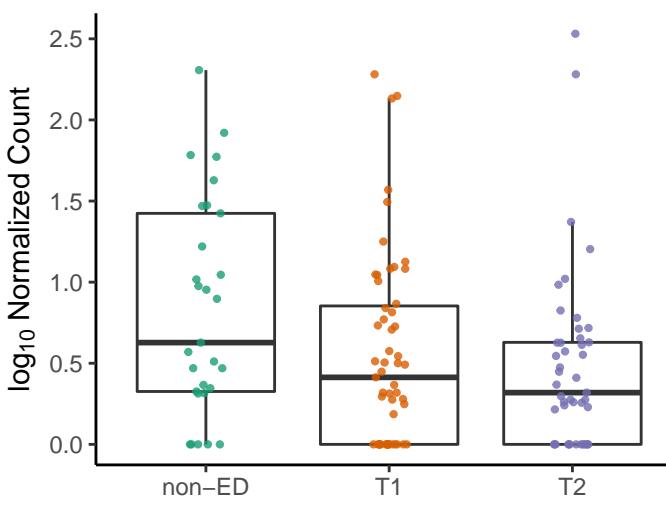
### Sporosarcina sp. P33

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.27  
T1 vs. T2 adjusted p = 0.88



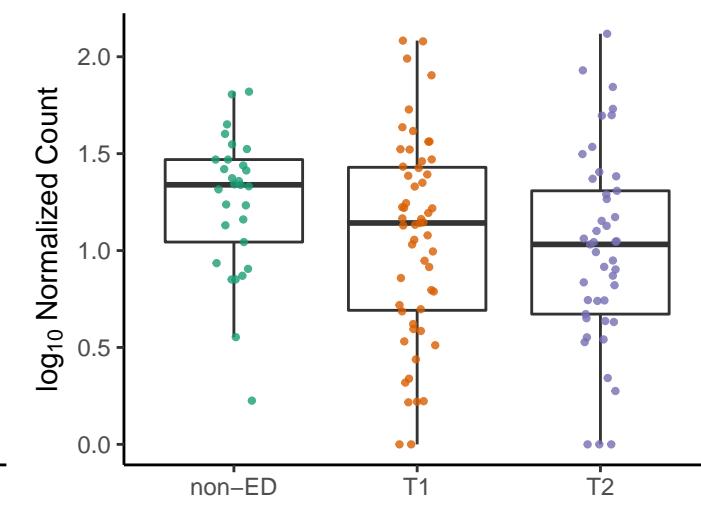
### Metallosphaera sedula

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.85



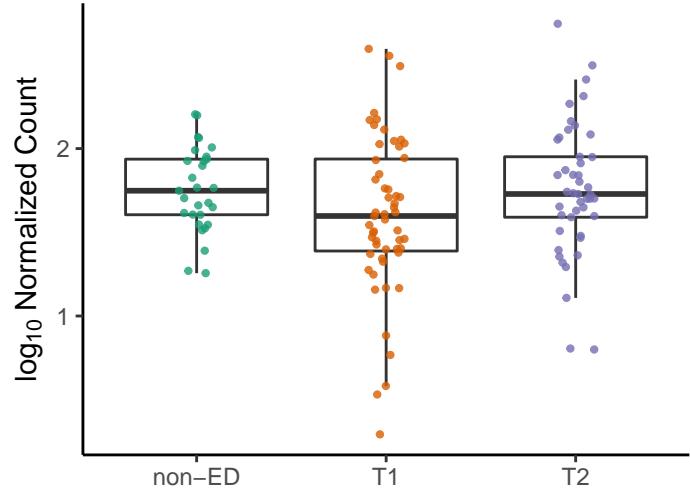
### Dokdonia donghaensis

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.98



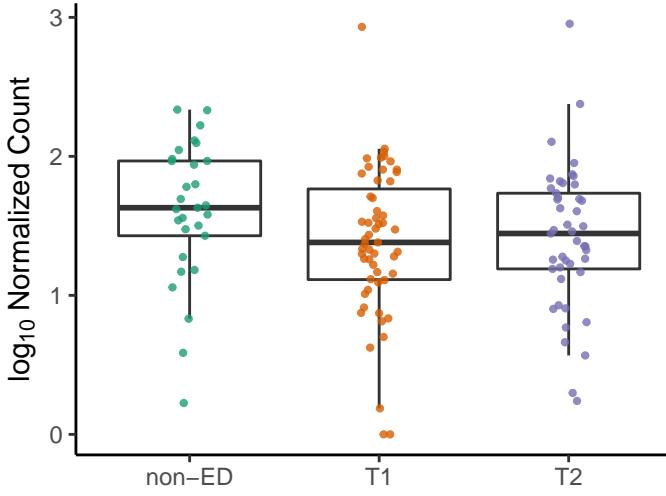
### Mesorhizobium ciceri

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.98  
T1 vs. T2 adjusted p = 0.85



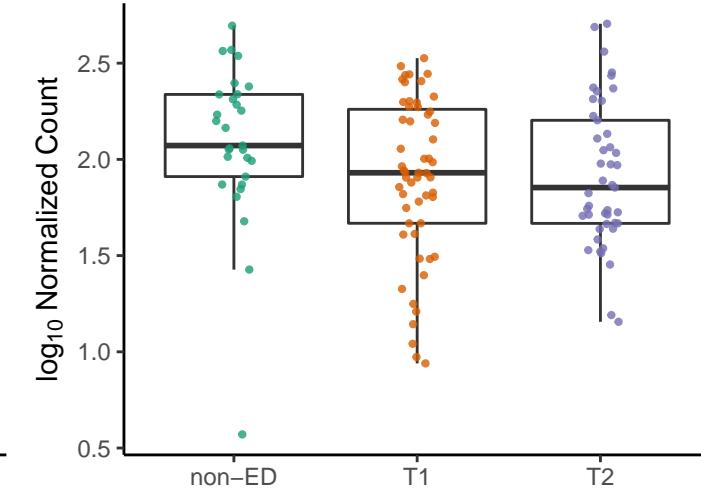
### Thermodesulfatator indicus

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.89



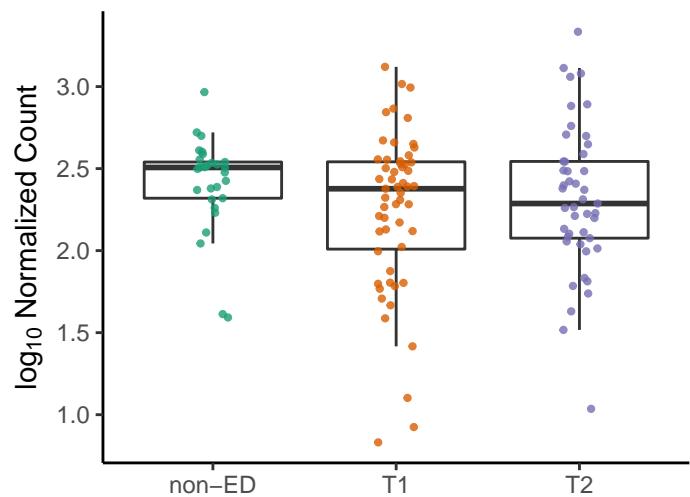
### Calothrix parasitica

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.97



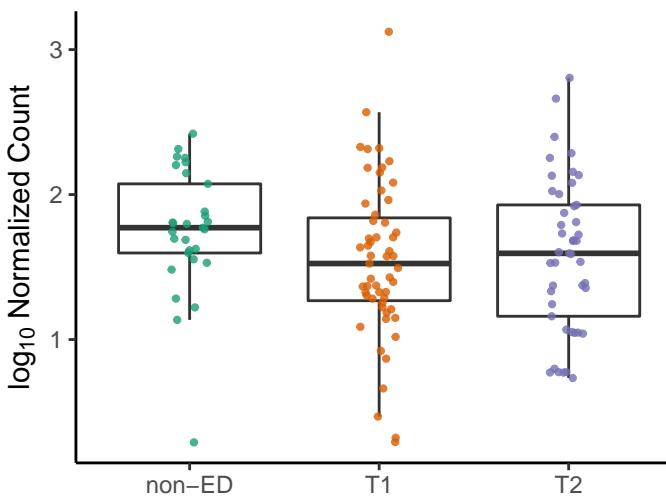
### Desulfovibrio gigas

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.85



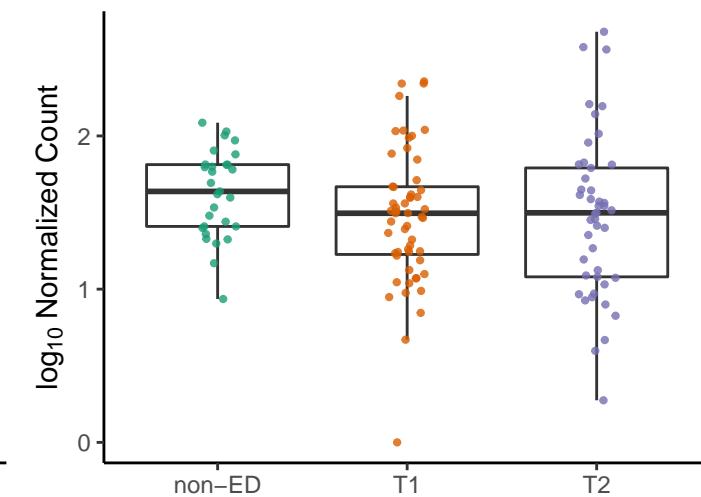
### Streptomyces sp. CCM\_MD2014

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.85



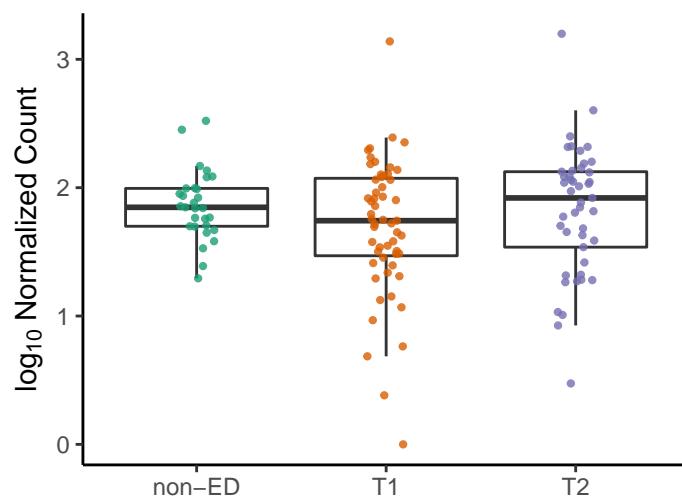
### Mycetocola sp. 449

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.92



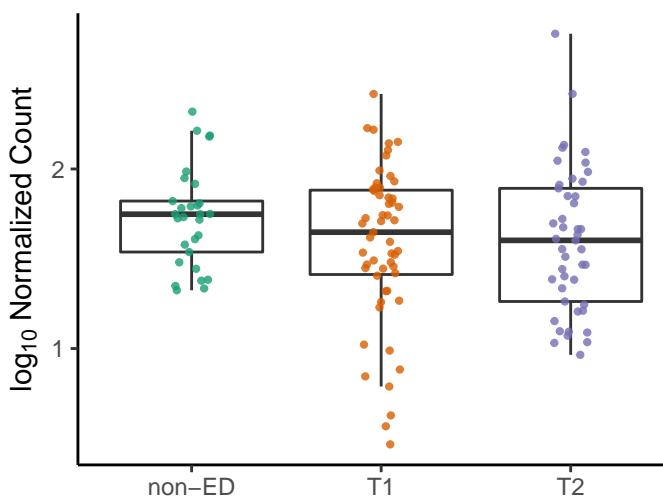
### Paraburkholderia aromaticivorans

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.72  
T1 vs. T2 adjusted p = 0.85



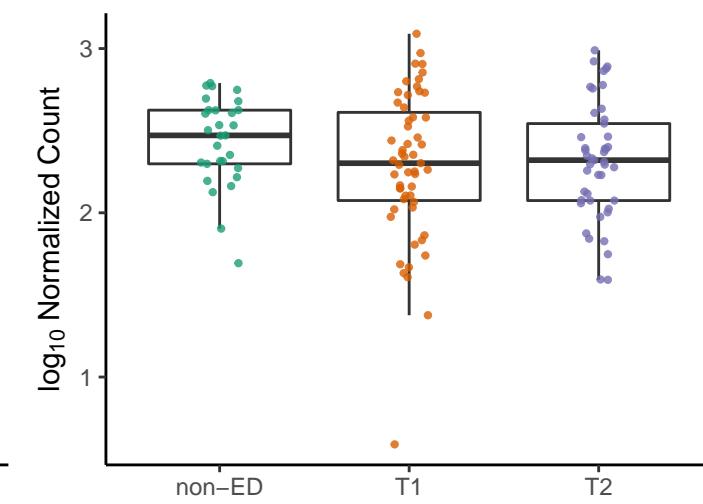
### Actinomyces tangfeifanii

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.87



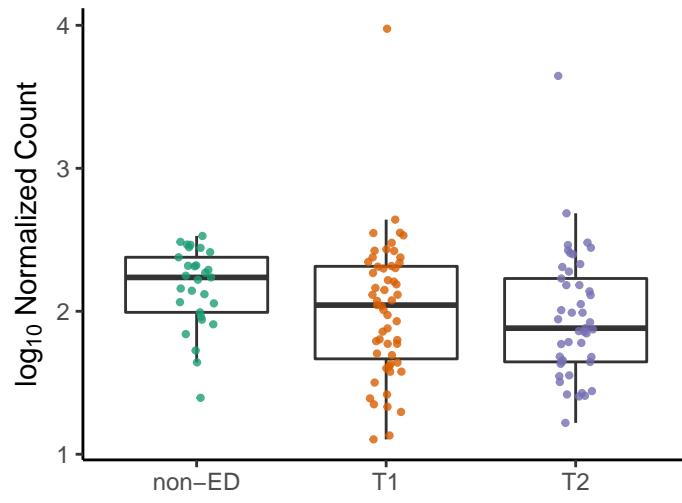
### Unclassified Brevundimonas Genus

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



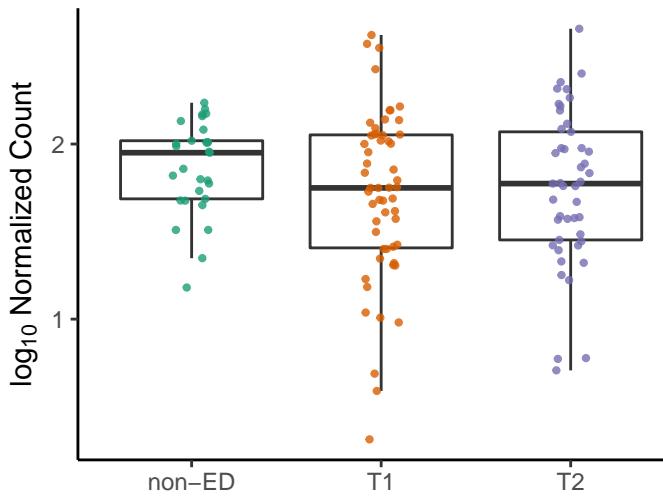
### Lactobacillus amylovorus

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.87



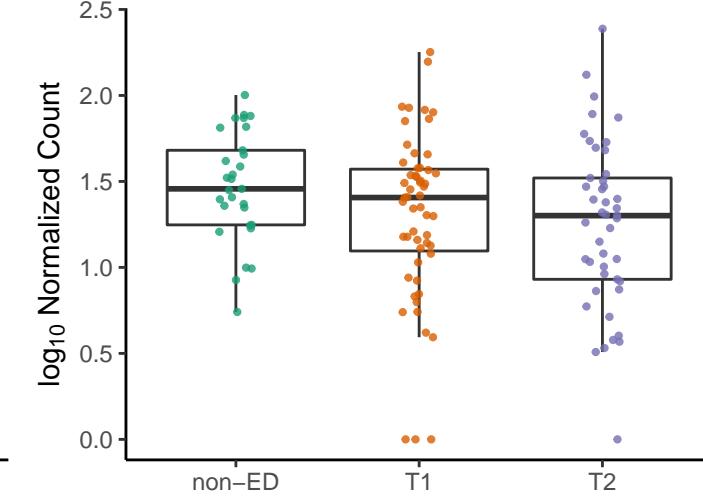
### Microlunatus sp. Gsoil 973

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.21  
T1 vs. T2 adjusted p = 0.86



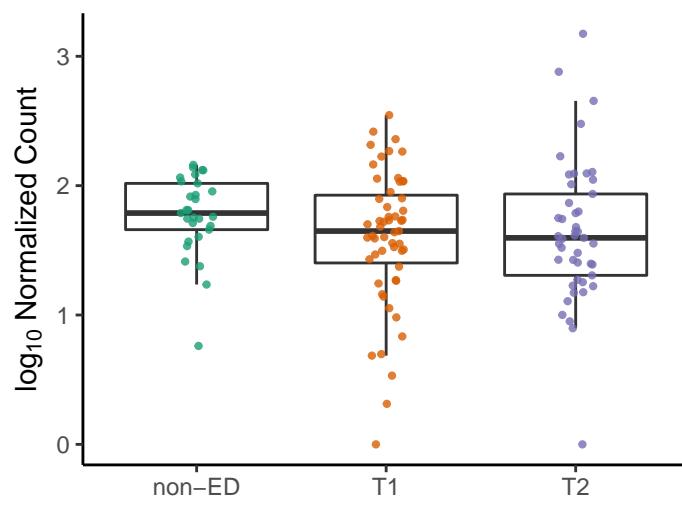
### Exiguobacterium sp. MH3

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.9



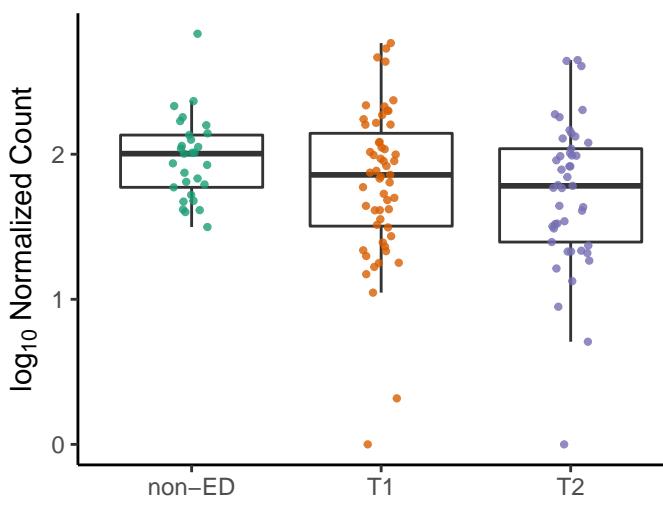
### Bradyrhizobiaceae bacterium SG-6C

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.99



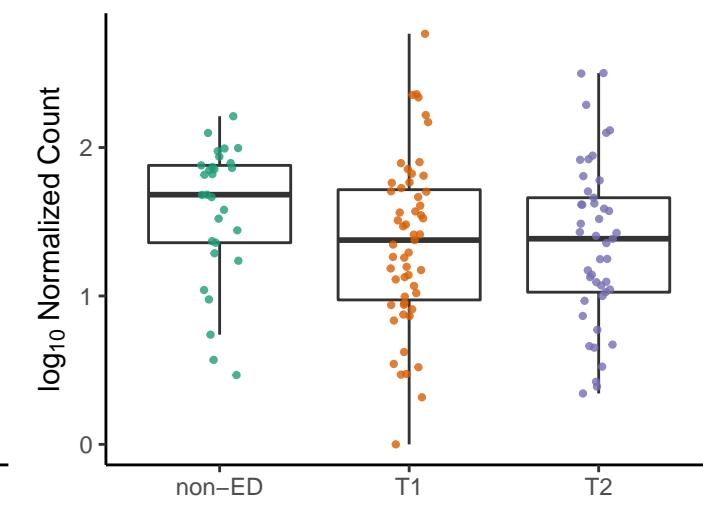
### Azotobacter chroococcum

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.91



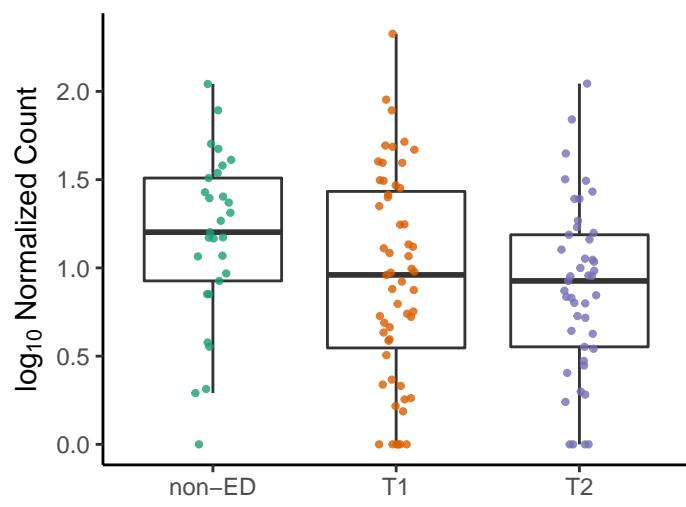
### Mycoplasma yeatsii

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.91



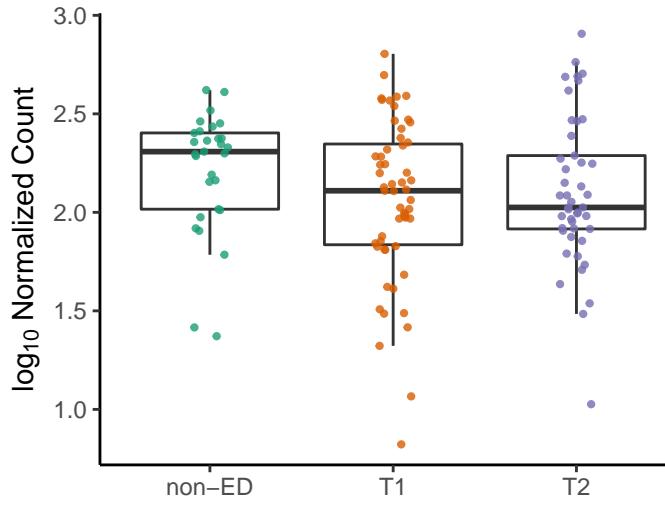
### Candidatus Nitrososphaera evergladen

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.86



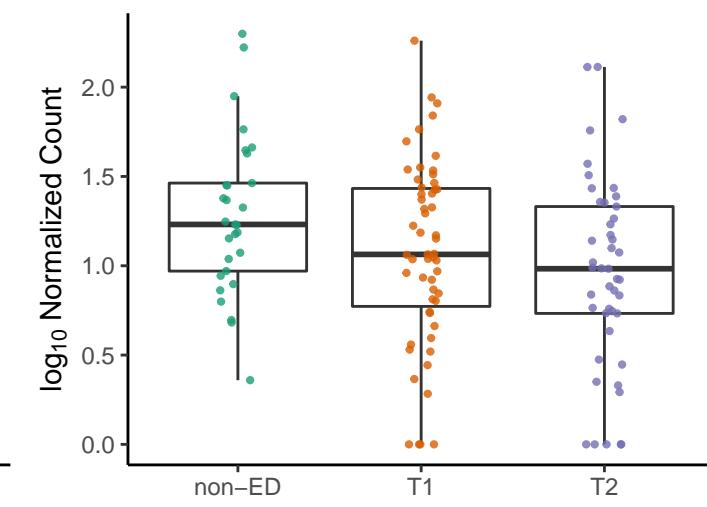
### Caldanaerobacter subterraneus

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.95



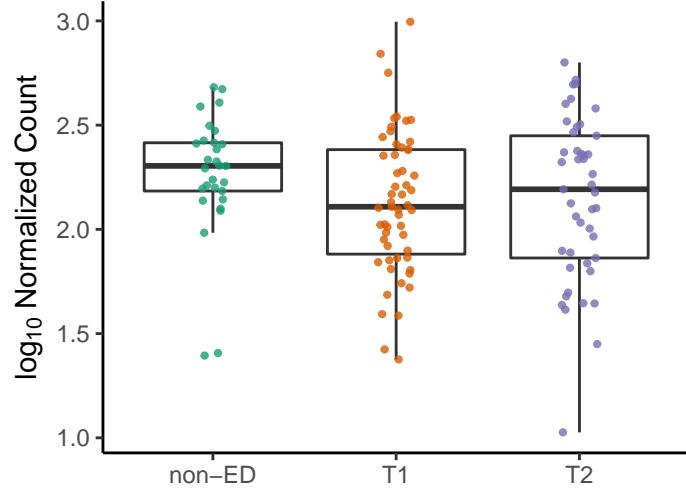
### Candidatus Saccharibacteria bacterium

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



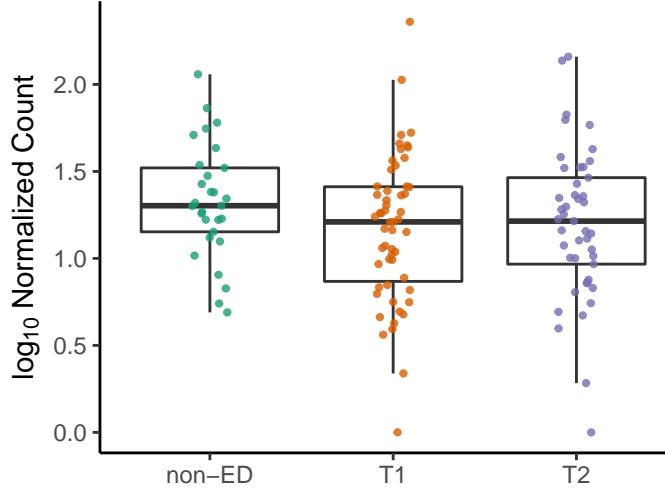
### Paenibacillus sp. FSL H7-0737

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.87



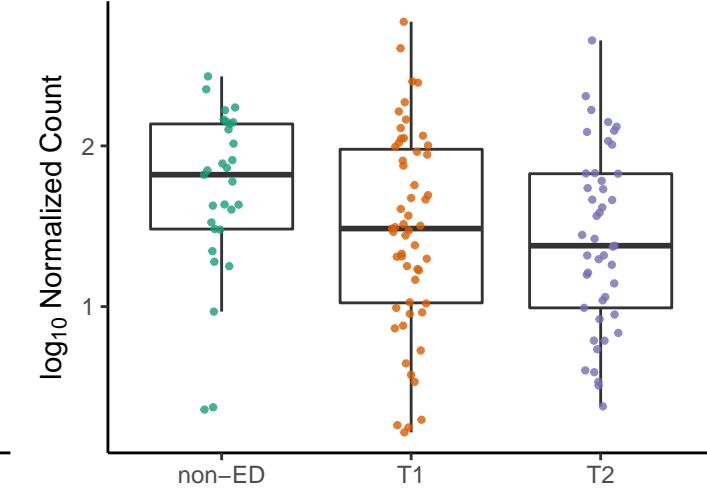
### Shewanella halifaxensis

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.96



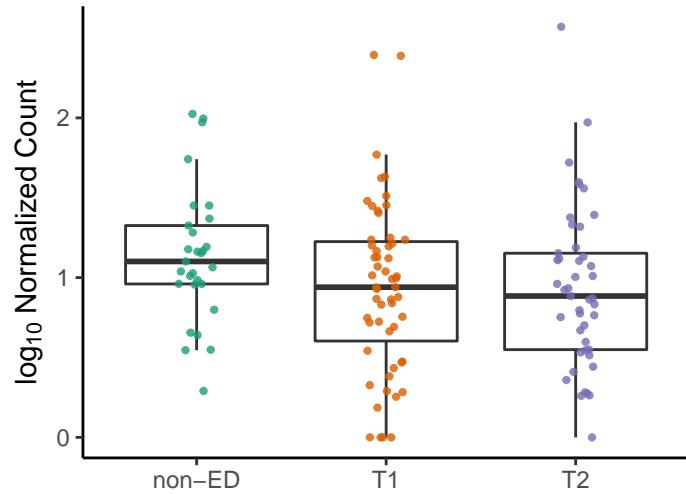
### Lactobacillus sp. BHWM-4

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.85



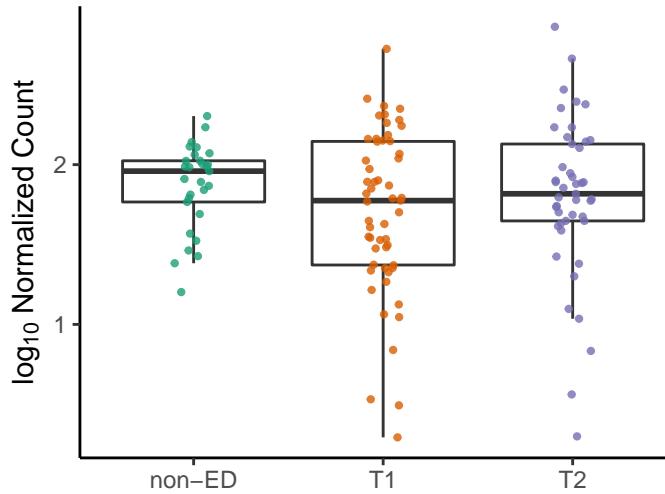
### Serratia sp. YD25

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.91



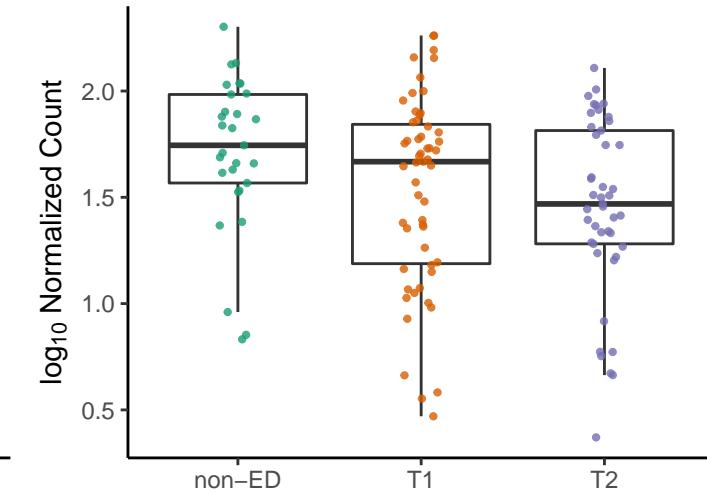
### Mesorhizobium sp. M3A.F.Ca.ET.080.04.

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.5  
T1 vs. T2 adjusted p = 0.85



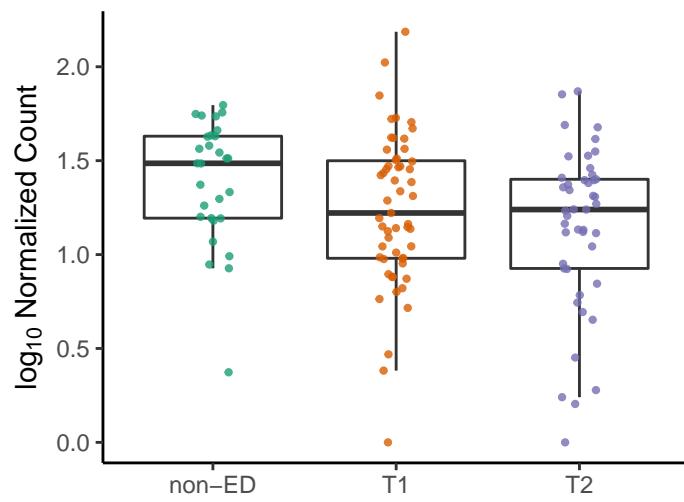
### Staphylococcus auricularis

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.85



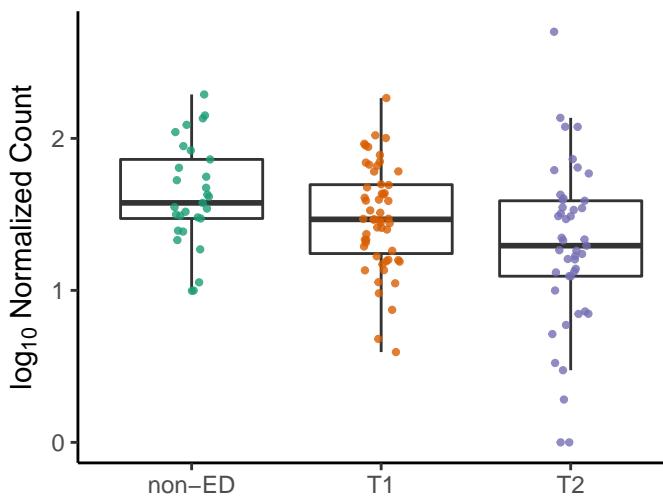
### *Helicobacter canis*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.85



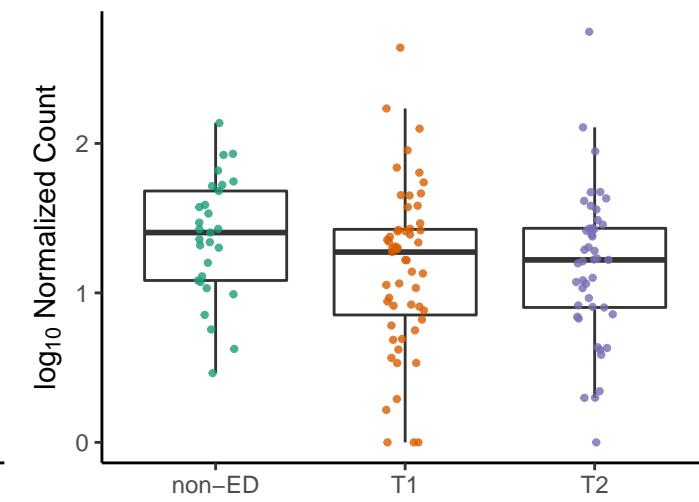
### *Tatumella sp. TA1*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.0097  
 T1 vs. T2 adjusted p = 0.85



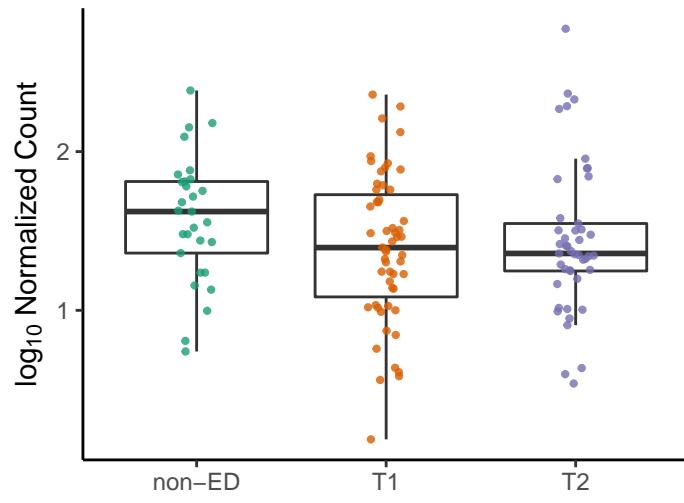
### *Vibrio crassostreae*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.96



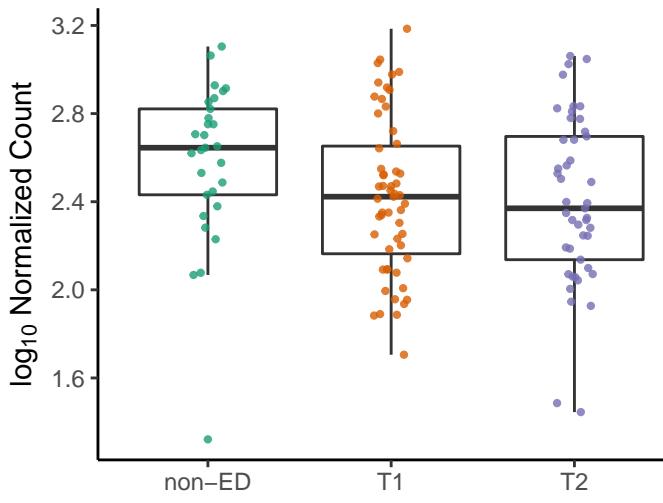
### *Simonsiella muelleri*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.23  
 T1 vs. T2 adjusted p = 0.9



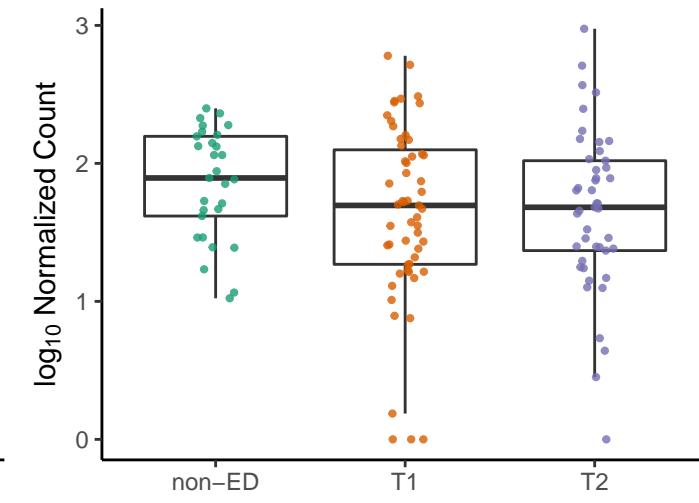
### *Caloramator sp. E03*

non-ED vs. T1 adjusted p = 0.096  
 non-ED vs. T2 adjusted p = 0.085  
 T1 vs. T2 adjusted p = 0.91



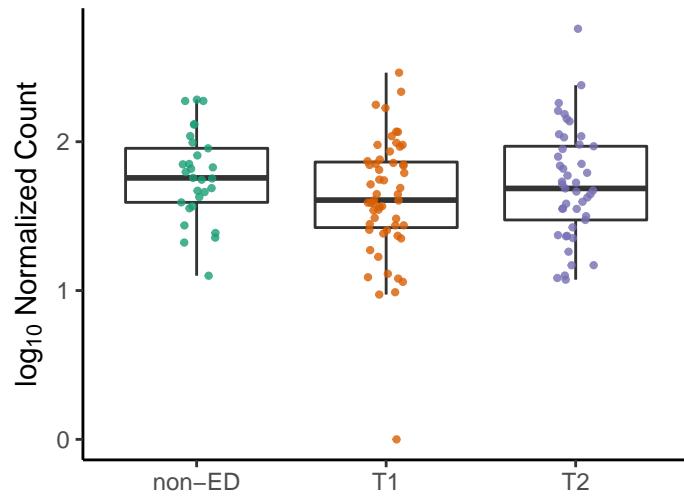
### *Sphingomonas wittichii*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.98



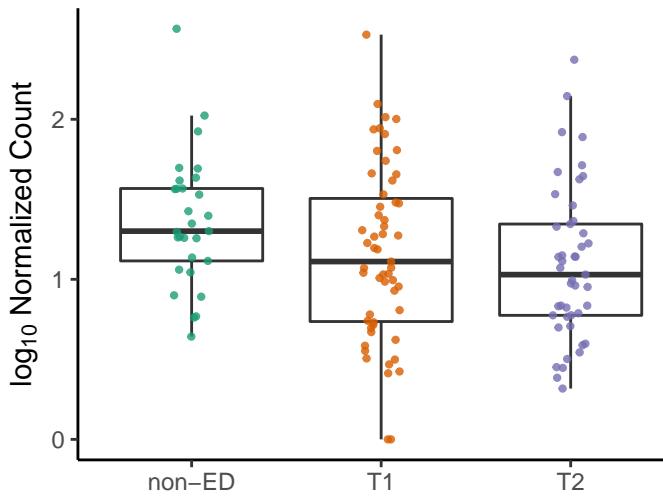
### *Hoyosella subflava*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.52  
 T1 vs. T2 adjusted p = 0.85



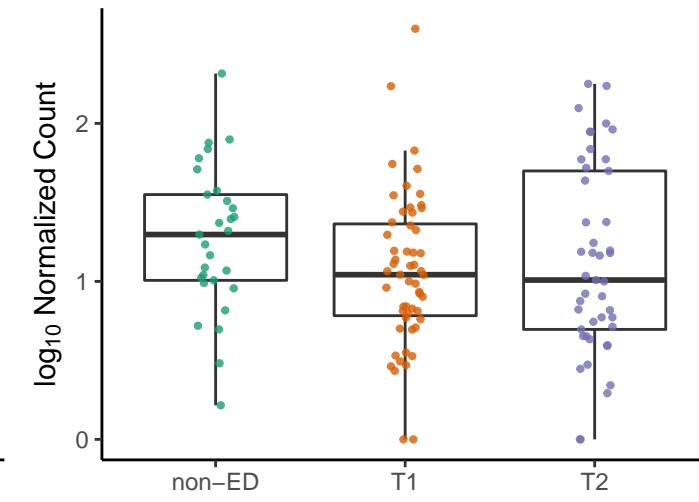
### *Candidatus Fukatsuia symbiotica*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.86



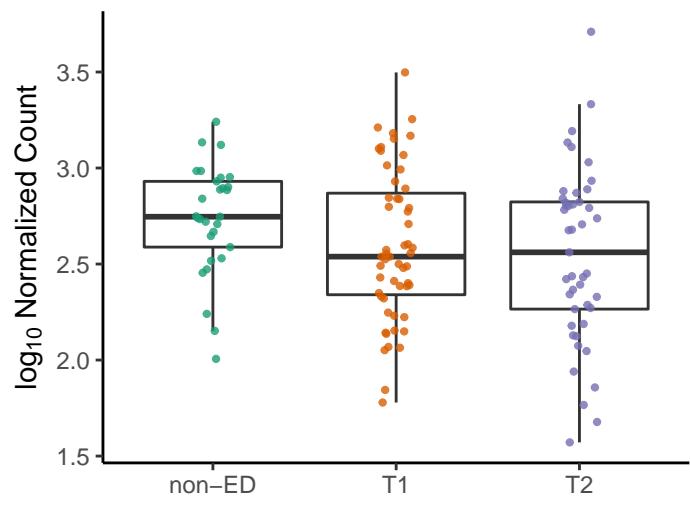
### *Candidatus Kinetoplastibacterium desou*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.29  
 T1 vs. T2 adjusted p = 0.94



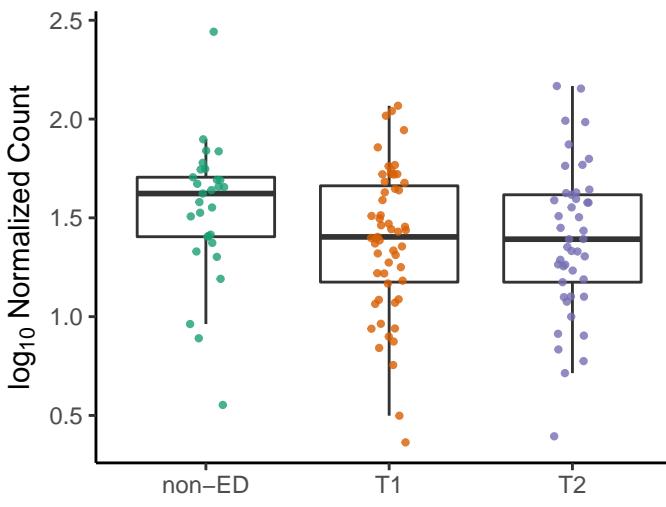
### *Clostridium bornimense*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.85



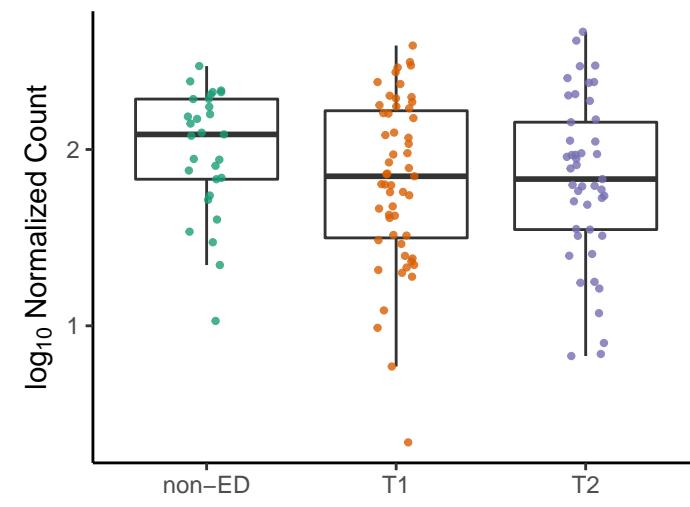
### *Vitreoscilla sp. C1*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.97



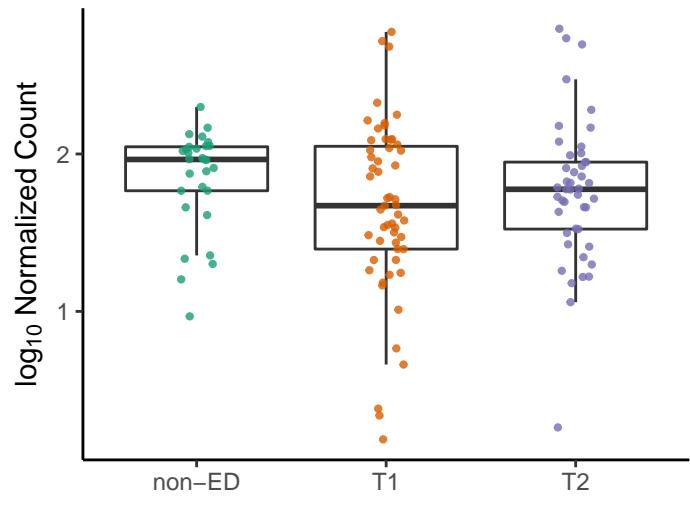
### *Candidatus Syntrophocurvum alkaliphilum*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.98



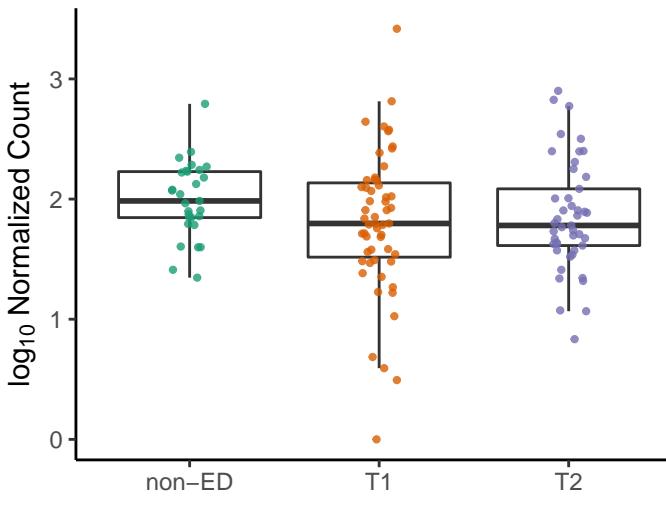
### *Acetomicrobium mobile*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.44  
 T1 vs. T2 adjusted p = 0.85



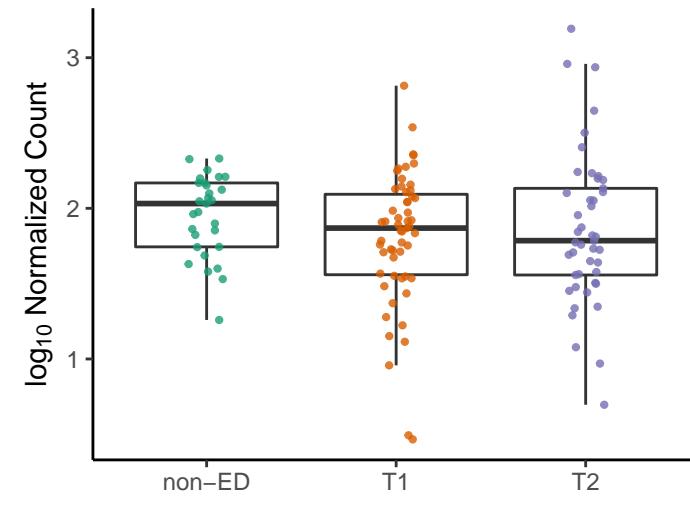
### *Nitrospira moscoviensis*

non-ED vs. T1 adjusted p = 0.097  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.86



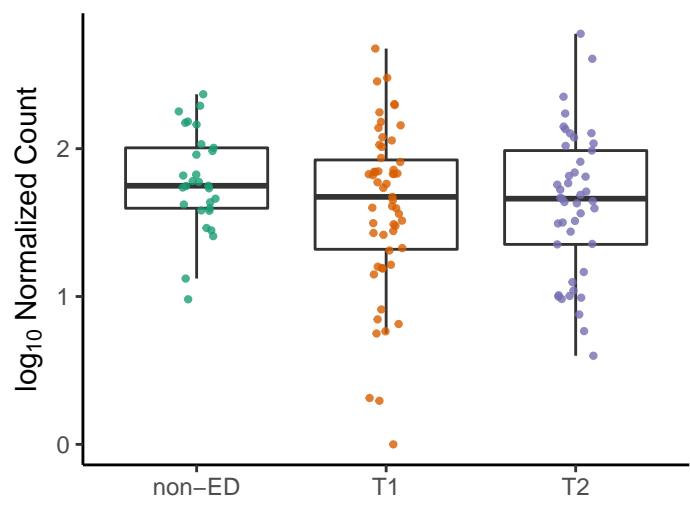
### *Collimonas pratensis*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.85



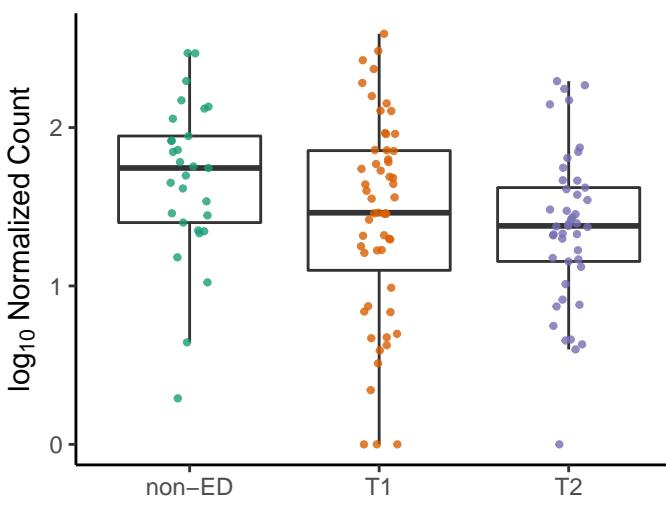
### *Corynebacterium humireducens*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.91



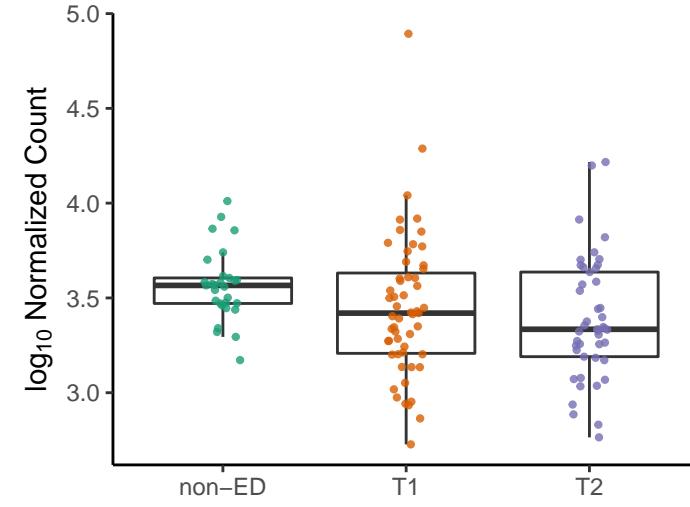
### *Streptomyces sp. WAC 06738*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.85



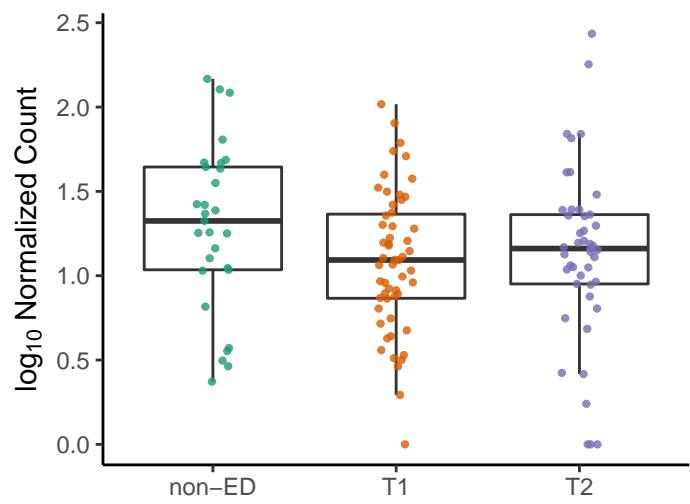
### Unclassified Enterobacterales Order

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.98



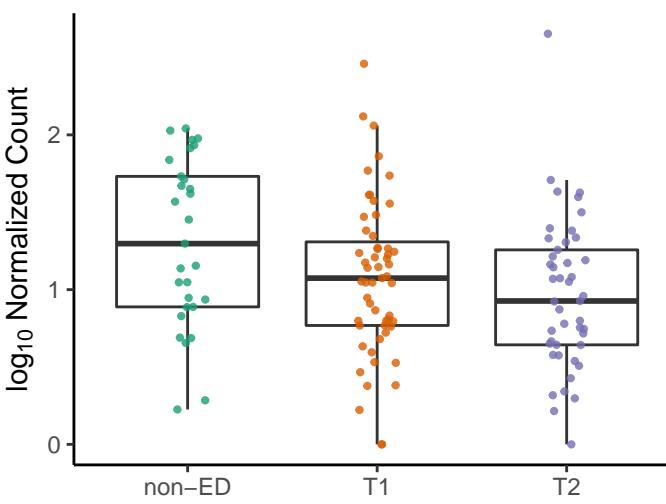
### *Erwinia pyrifoliae*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.24  
 T1 vs. T2 adjusted p = 0.87



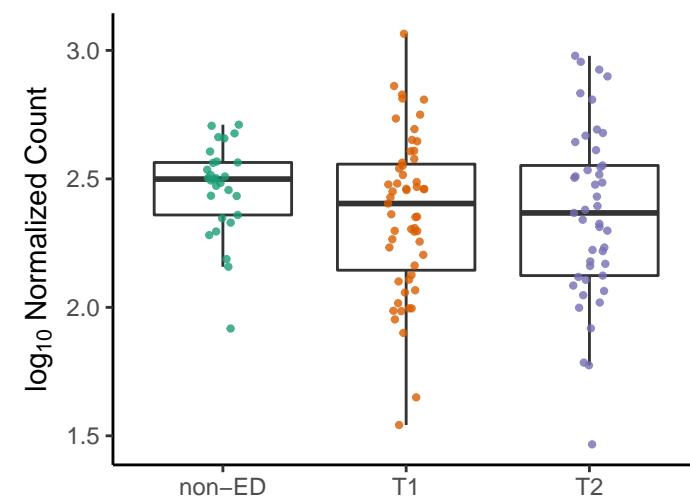
### *Glaciecola* sp. 4H-3-7+YE-5

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.85



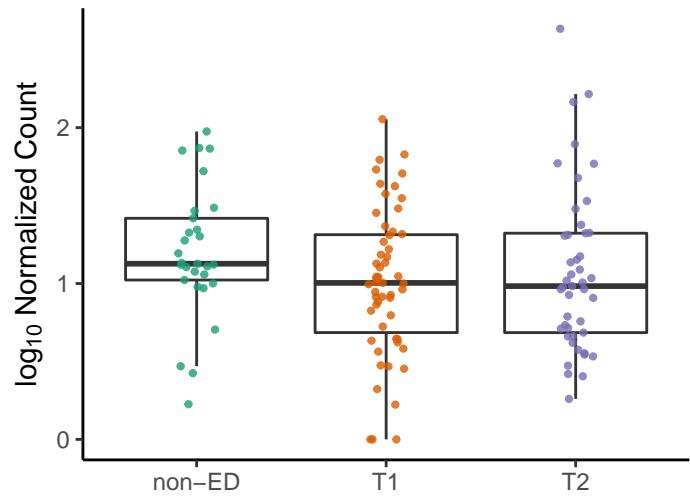
### *Chitinophaga pinensis*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.14  
 T1 vs. T2 adjusted p = 0.98



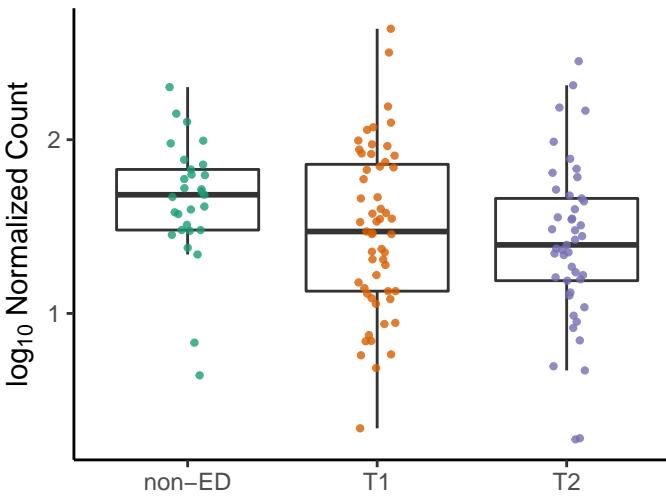
### *Thermococcus* sp. AM4

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.31  
 T1 vs. T2 adjusted p = 0.85



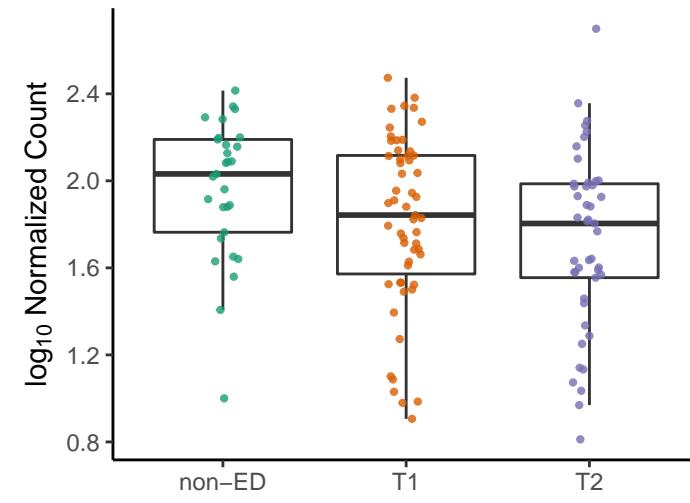
### *Acinetobacter ursingii*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.85



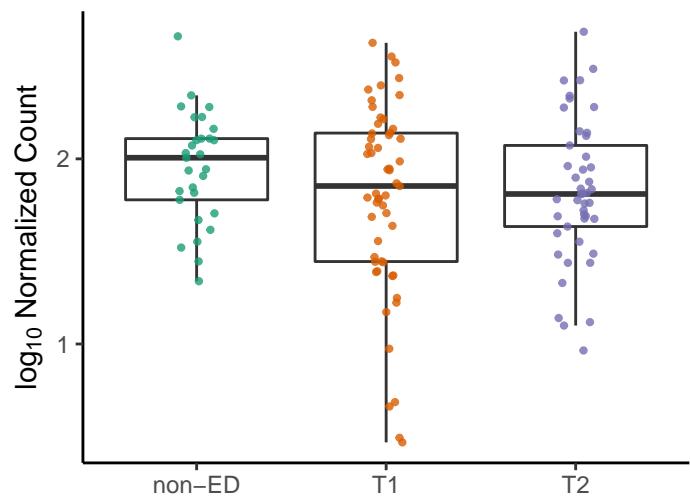
### *Serratia rubidaea*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.85



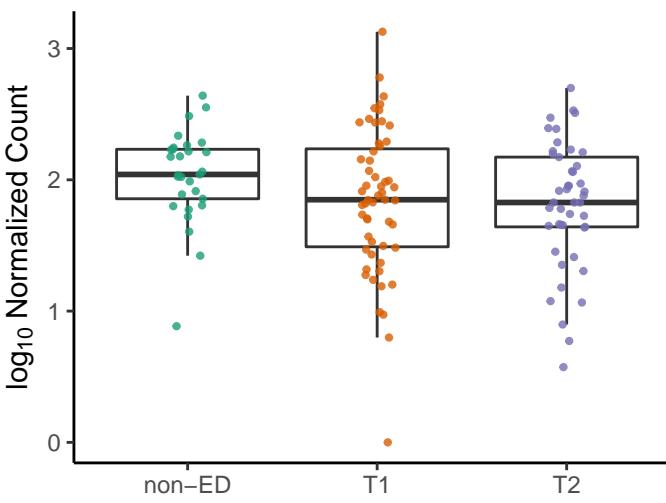
### *Flaviflexus salsibiostraticola*

non-ED vs. T1 adjusted p = 0.098  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.89



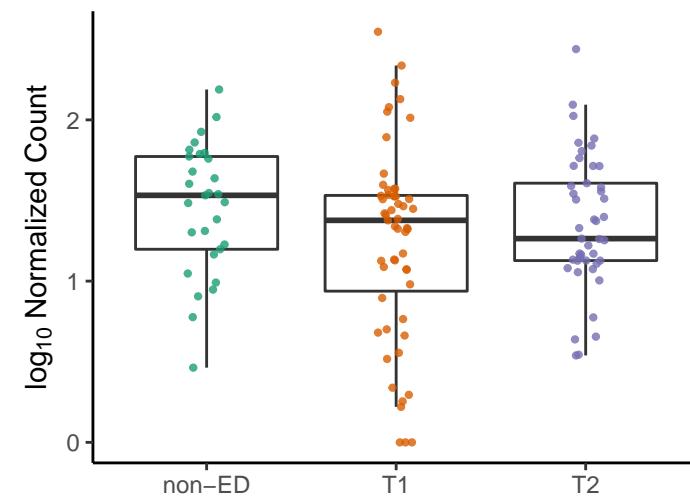
### *Kytooccus sedentarius*

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.056  
 T1 vs. T2 adjusted p = 0.99



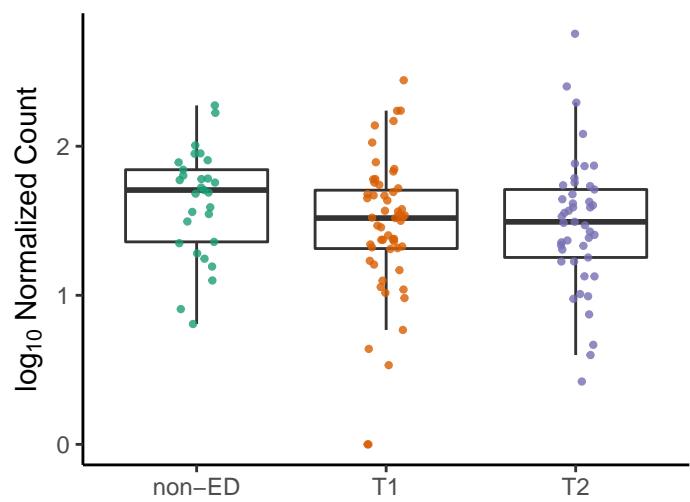
### *Synechococcus* sp. PCC 7003

non-ED vs. T1 adjusted p = 0.099  
 non-ED vs. T2 adjusted p = 0.37  
 T1 vs. T2 adjusted p = 0.85



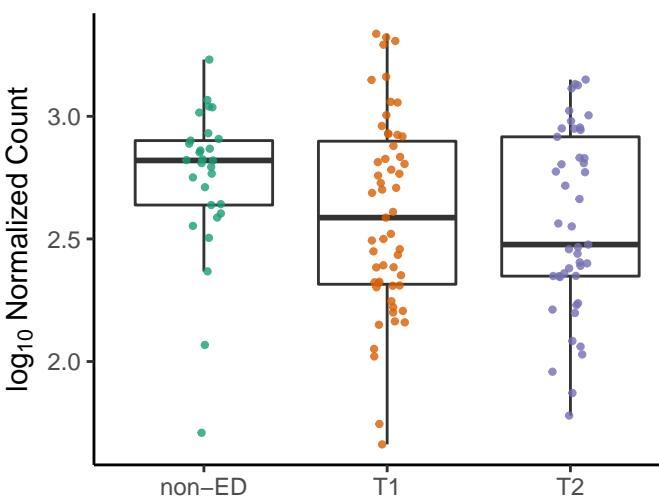
### Pseudomonas sp. HLS-6

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.91



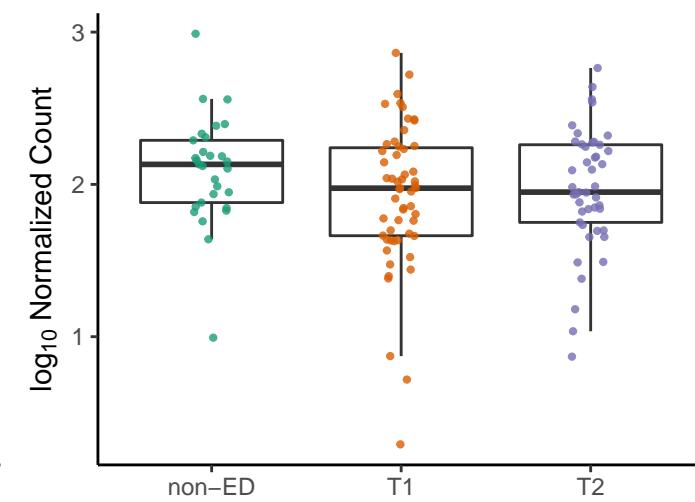
### [Clostridium] hiranonis

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.89



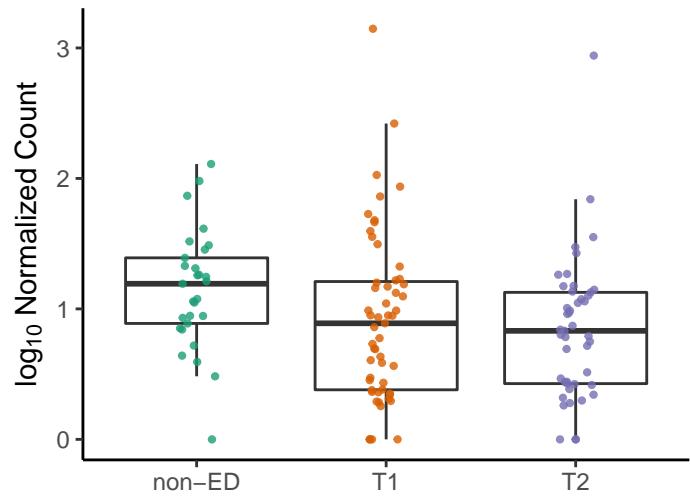
### Deinococcus sp. S14-83

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.85



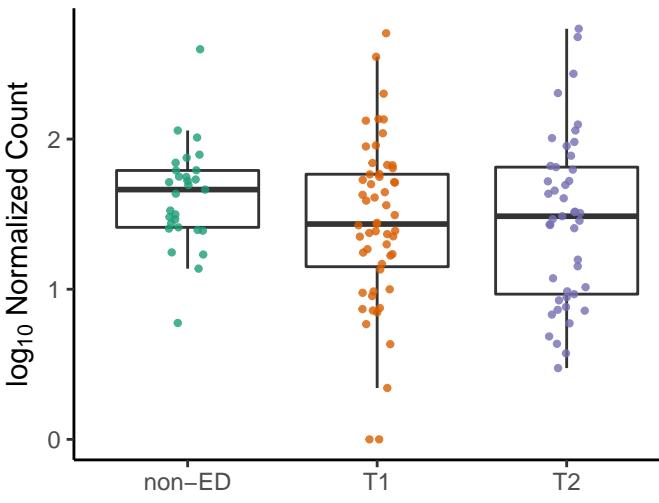
### Gordonia sp. JH63

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.94



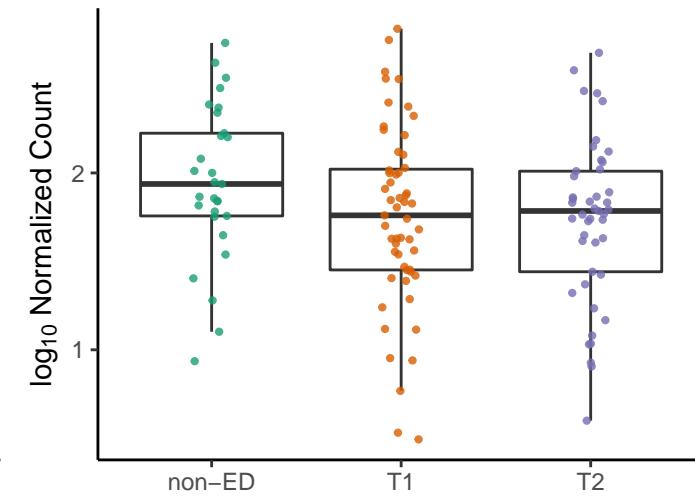
### Halostella pelagica

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.97



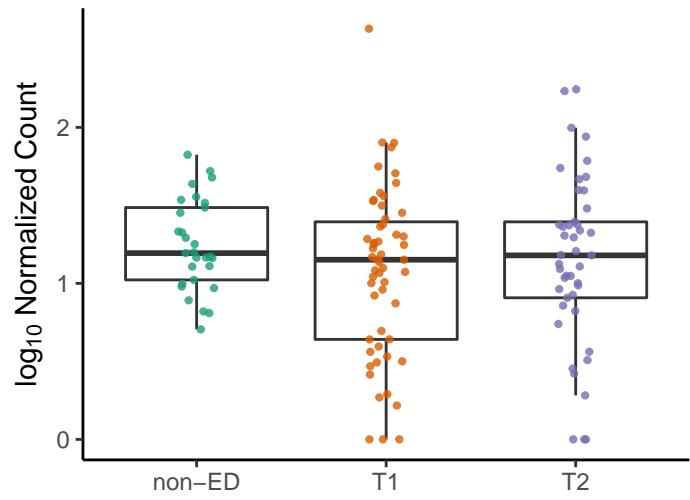
### Ornithinimicrobium sp. HY006

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 1



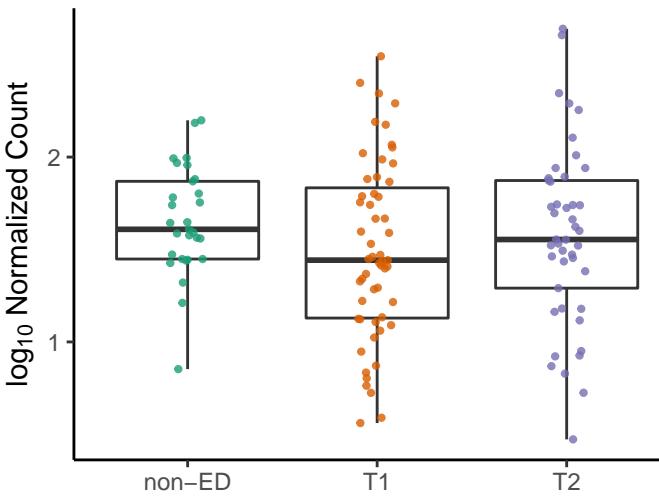
### Pseudomonas sp. B10

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.37  
T1 vs. T2 adjusted p = 0.85



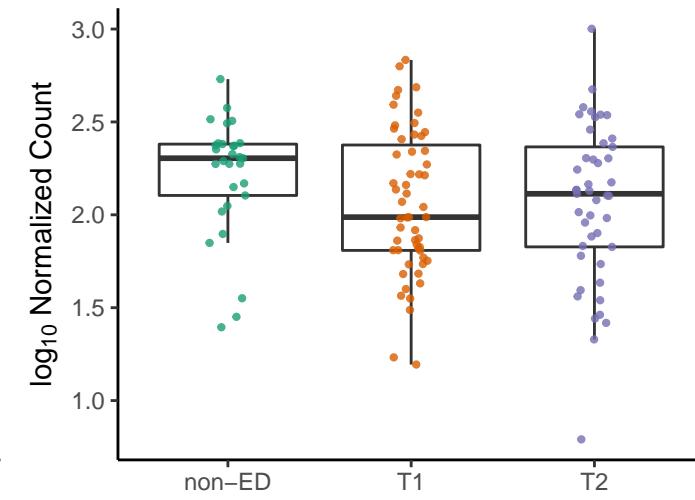
### Sphingobium sp. SCG-1

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.45  
T1 vs. T2 adjusted p = 0.85



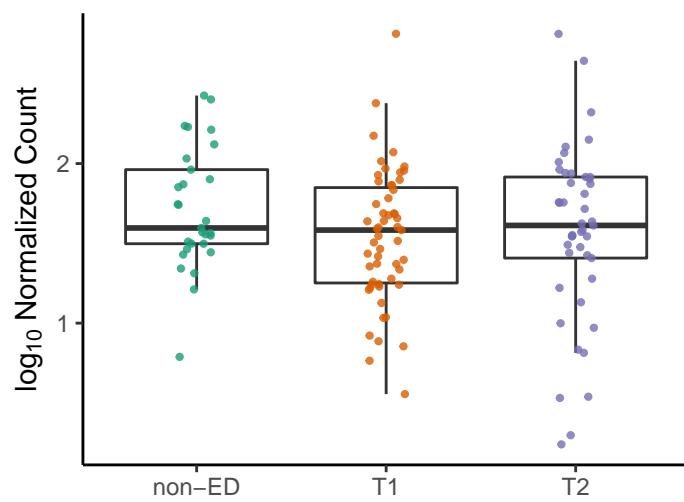
### Streptococcus porcinus

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.99



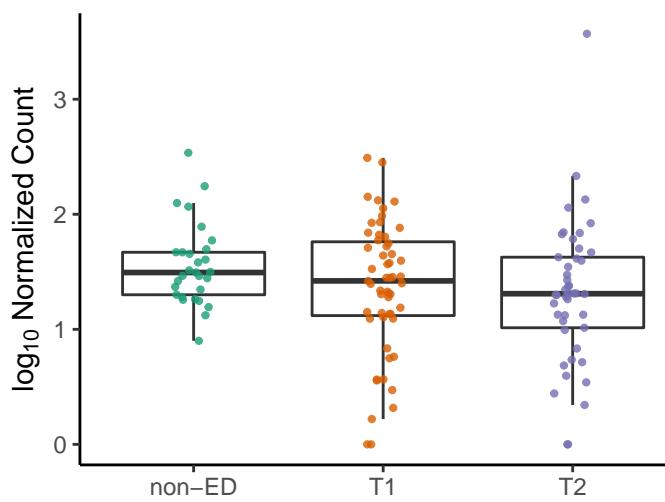
### Weissella soli

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.94



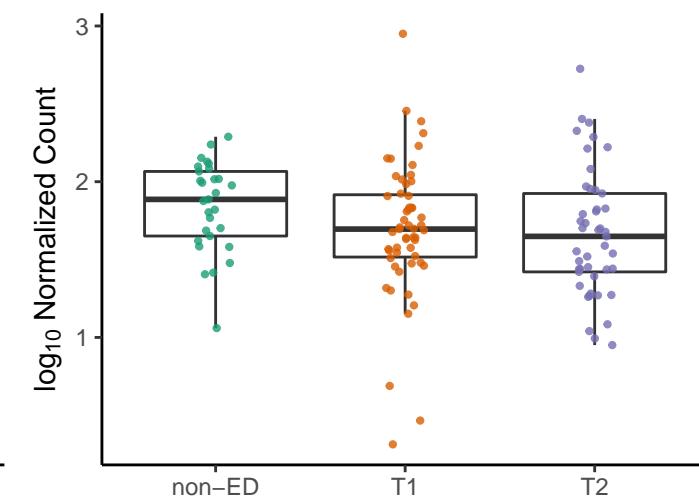
### Pseudomonas fragi

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.07  
T1 vs. T2 adjusted p = 0.92



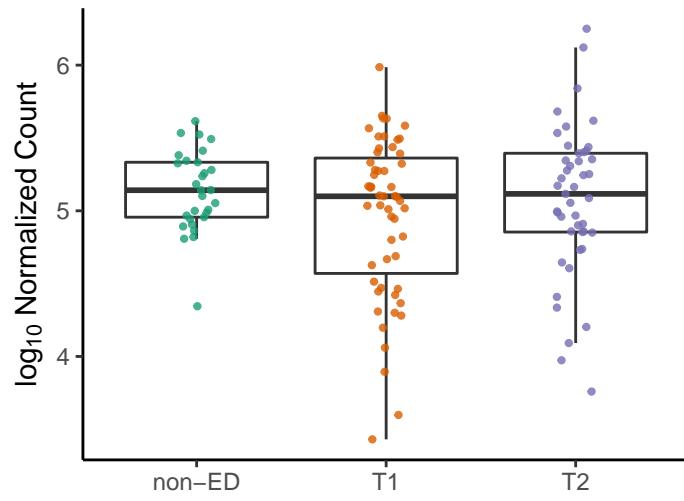
### Microbulbifer aggregans

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.97



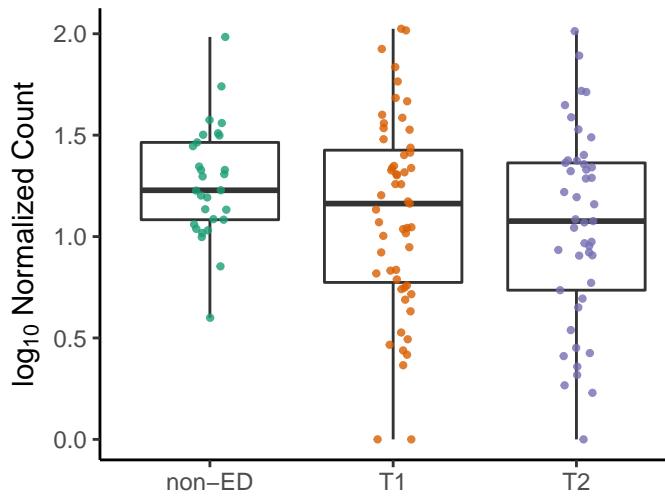
### Anaerobutyricum hallii

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.56  
T1 vs. T2 adjusted p = 0.85



### Shewanella chilensis

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.88



### Spiroplasma helicoides

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85

