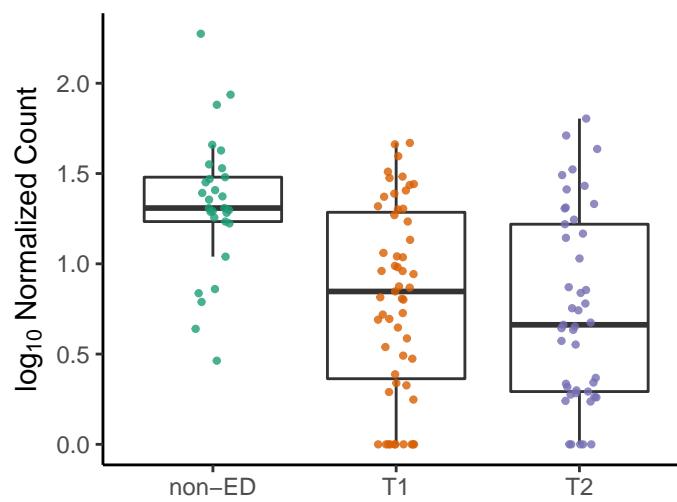


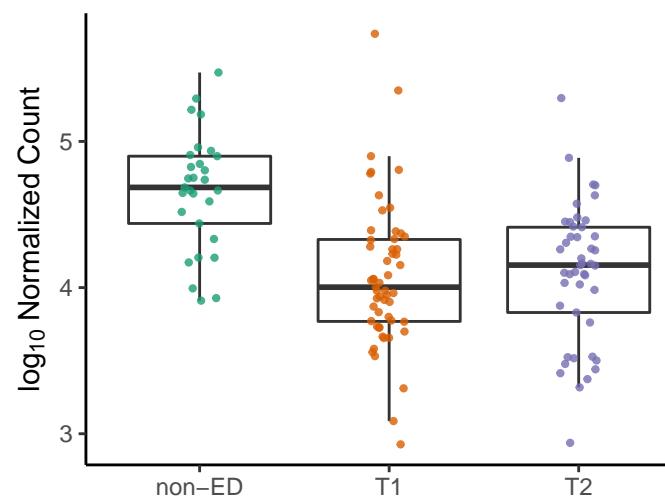
Candidatus Nesciobacter

non-ED vs. T1 adjusted p = 0.00077
non-ED vs. T2 adjusted p = 0.00029
T1 vs. T2 adjusted p = 0.9



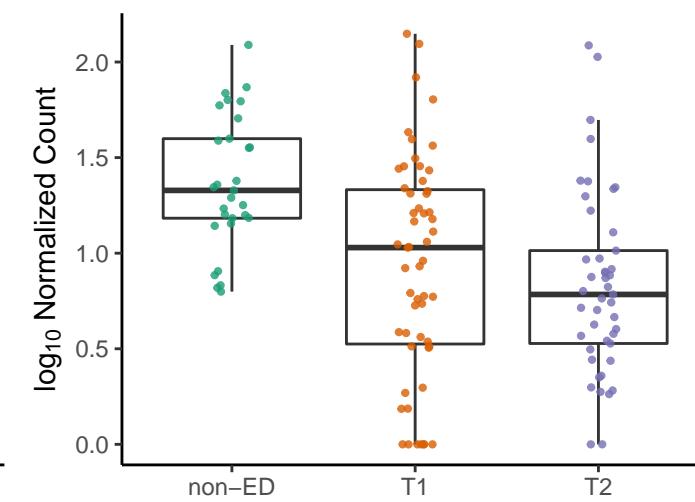
Longibaculum

non-ED vs. T1 adjusted p = 0.00025
non-ED vs. T2 adjusted p = 0.00029
T1 vs. T2 adjusted p = 0.95



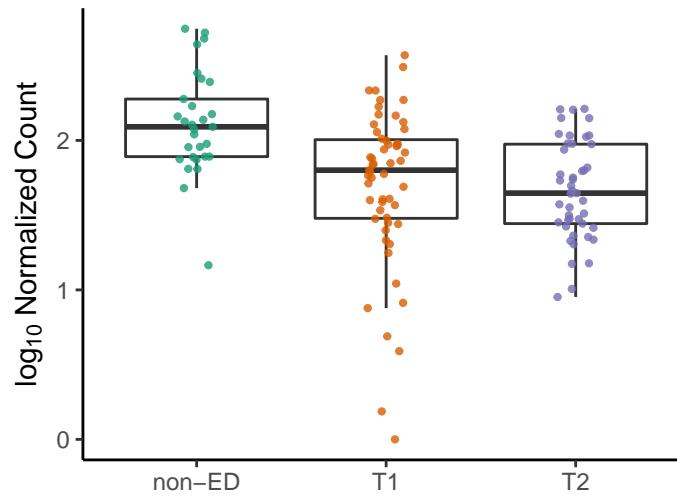
Natronobacterium

non-ED vs. T1 adjusted p = 0.0024
non-ED vs. T2 adjusted p = 0.00029
T1 vs. T2 adjusted p = 0.79



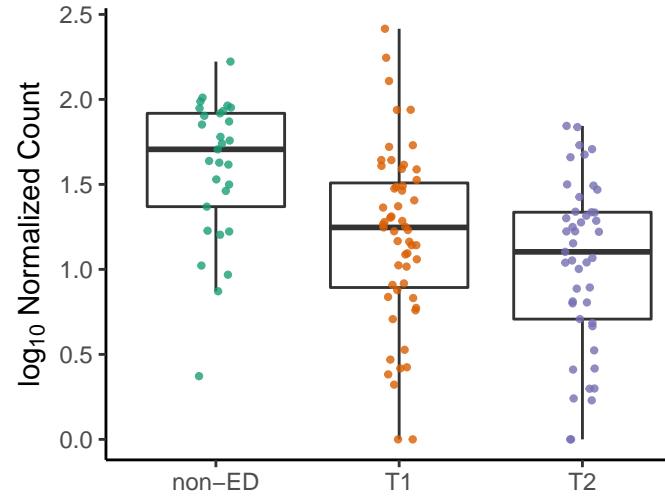
Tuwongella

non-ED vs. T1 adjusted p = 0.0023
non-ED vs. T2 adjusted p = 0.00029
T1 vs. T2 adjusted p = 0.98



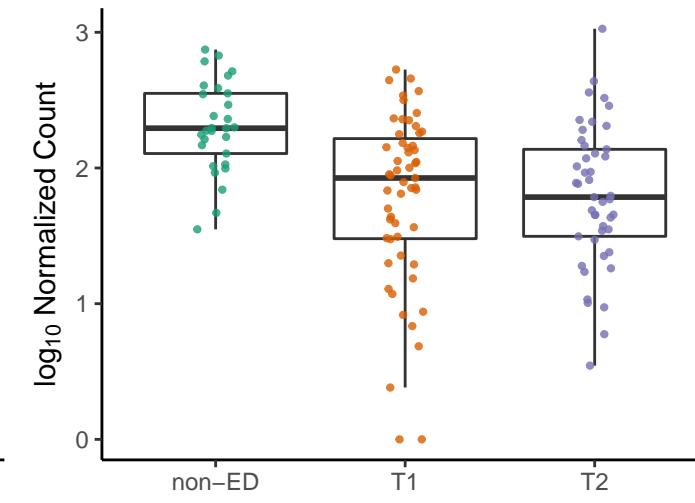
Aliiarcobacter

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.00052
T1 vs. T2 adjusted p = 0.79



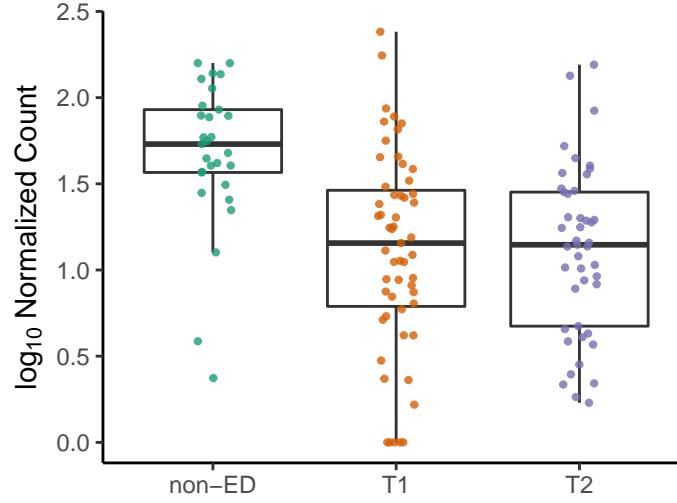
Pseudorhodoplanes

non-ED vs. T1 adjusted p = 0.00083
non-ED vs. T2 adjusted p = 0.00052
T1 vs. T2 adjusted p = 0.79



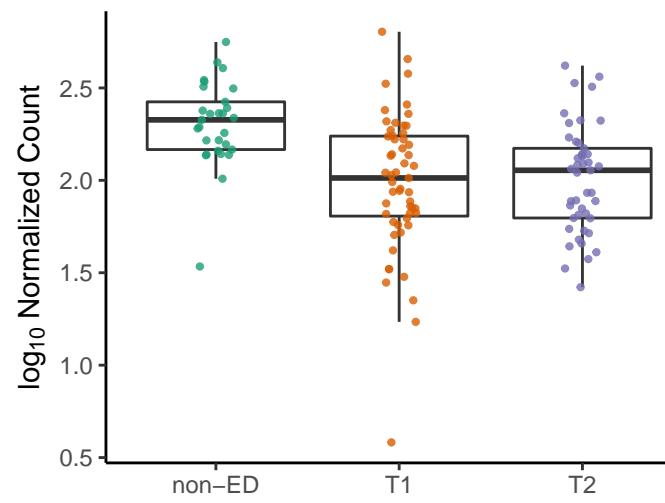
Rickettsiella

non-ED vs. T1 adjusted p = 0.00083
non-ED vs. T2 adjusted p = 0.00052
T1 vs. T2 adjusted p = 0.86



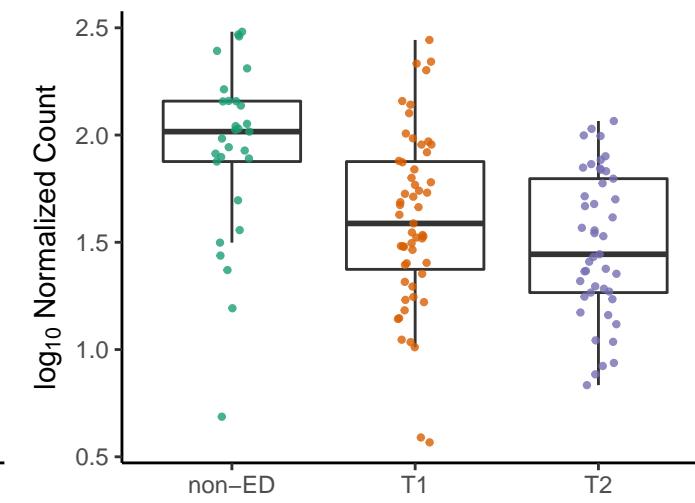
Thiomicrorhabdus

non-ED vs. T1 adjusted p = 0.0011
non-ED vs. T2 adjusted p = 0.0011
T1 vs. T2 adjusted p = 0.79



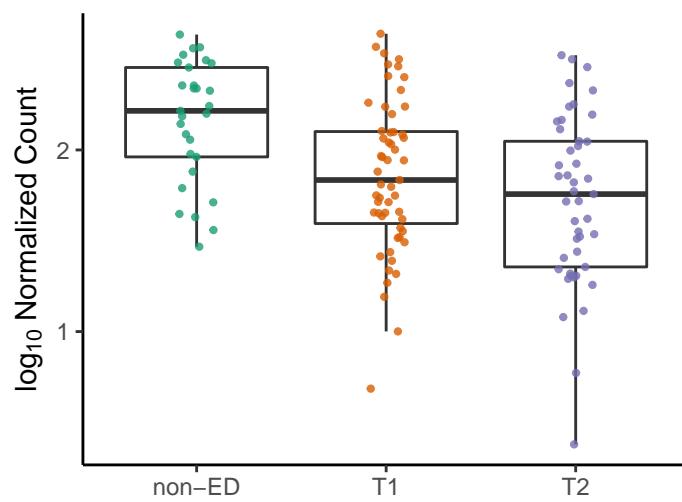
Unclassified Holosporaceae Family

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.002
T1 vs. T2 adjusted p = 0.79



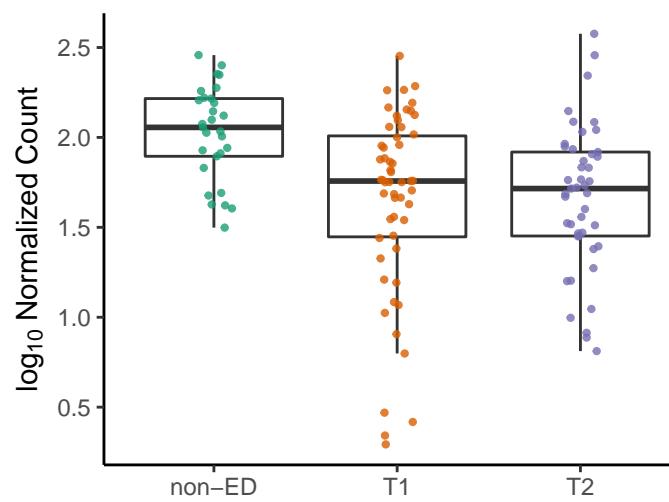
Ehrlichia

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.0021
T1 vs. T2 adjusted p = 0.79



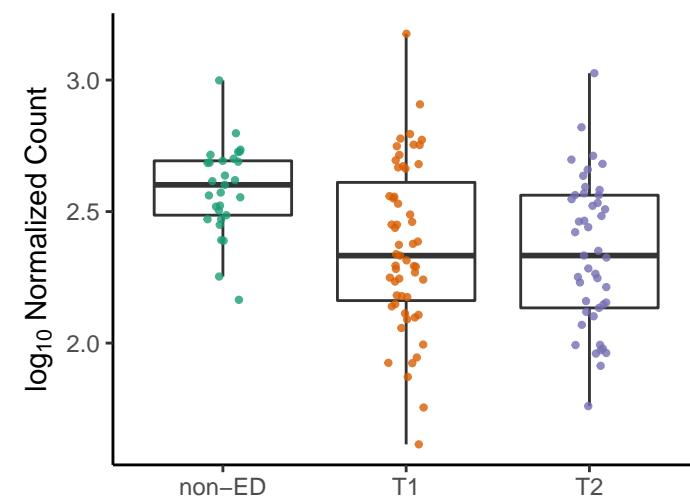
Methylovulum

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



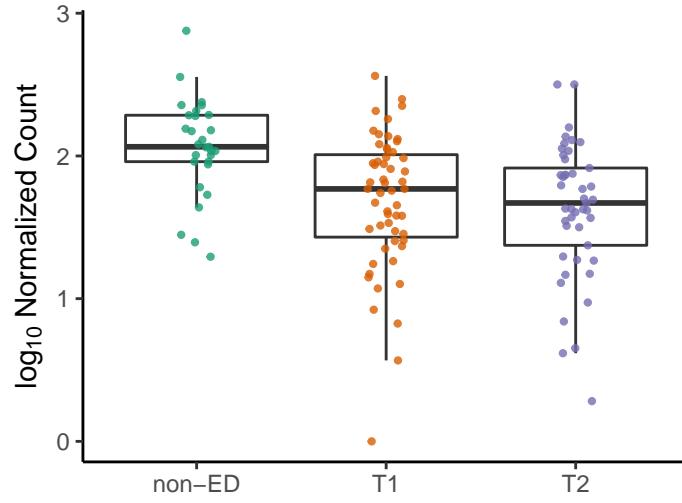
Xenorhabdus

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.0021
T1 vs. T2 adjusted p = 0.94



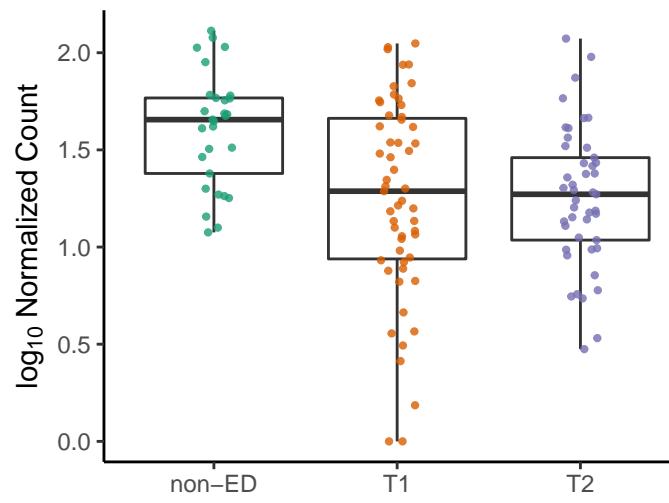
Mesotoga

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.0021
T1 vs. T2 adjusted p = 0.93



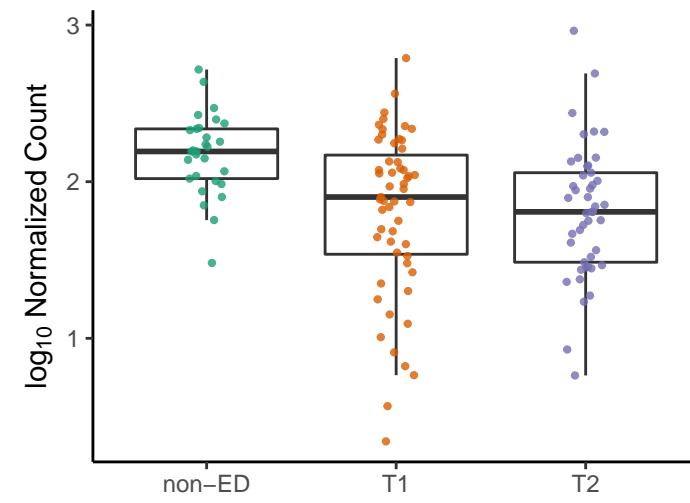
Pontimonas

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.0021
T1 vs. T2 adjusted p = 0.92



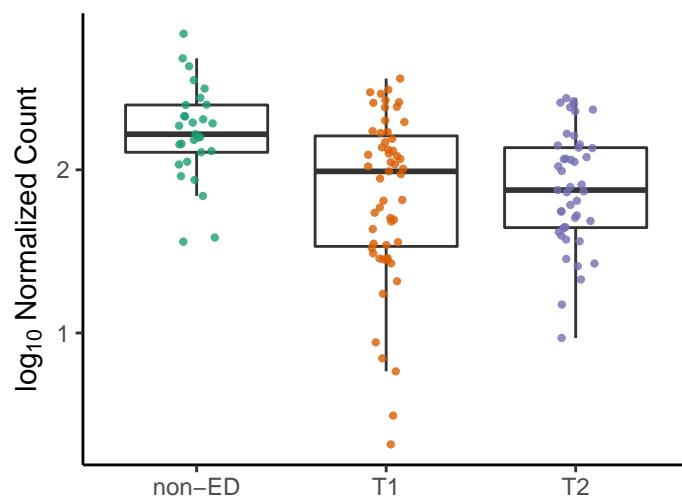
Unclassified Lacipirellulaceae Family

non-ED vs. T1 adjusted p = 0.0023
non-ED vs. T2 adjusted p = 0.0021
T1 vs. T2 adjusted p = 1



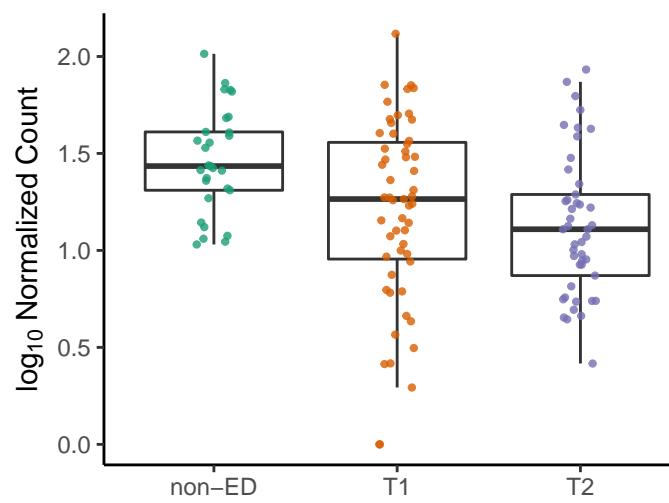
Methanothrix

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0023
T1 vs. T2 adjusted p = 0.79



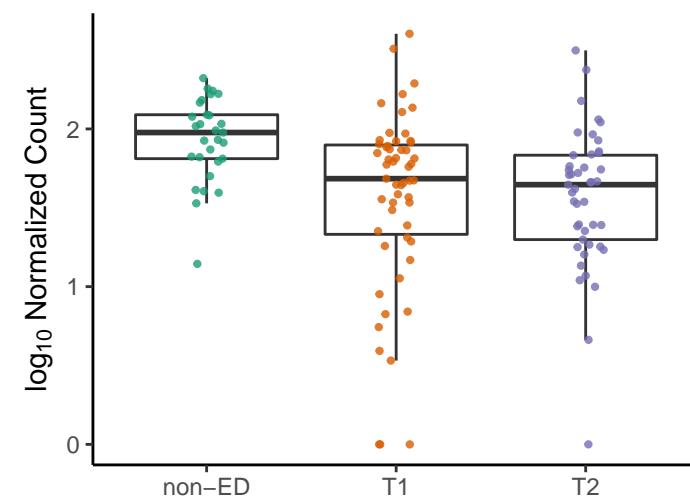
Unclassified Piscirickettsiaceae Family

non-ED vs. T1 adjusted p = 0.0085
non-ED vs. T2 adjusted p = 0.0023
T1 vs. T2 adjusted p = 0.79



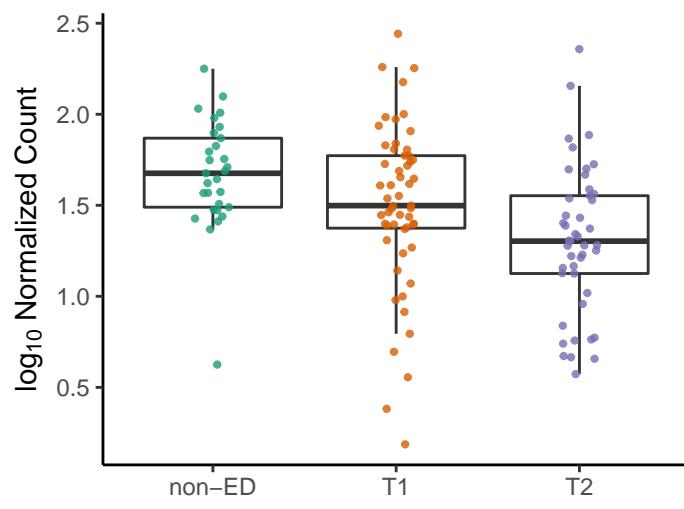
Kozakia

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0024
T1 vs. T2 adjusted p = 0.91



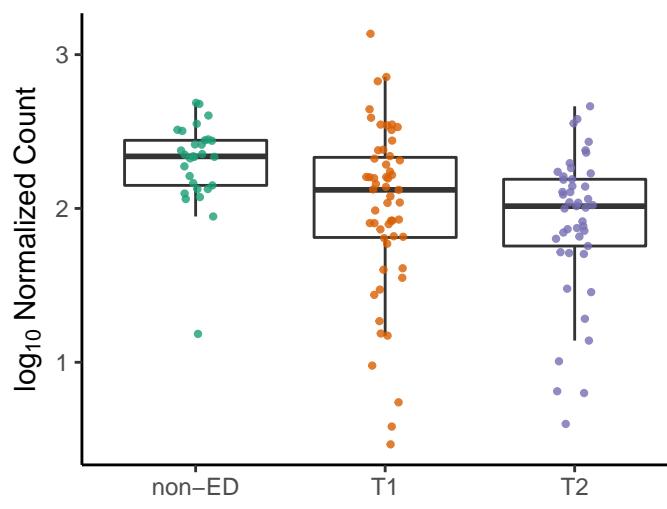
Candidatus Hamiltonella

non-ED vs. T1 adjusted p = 0.069
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.79



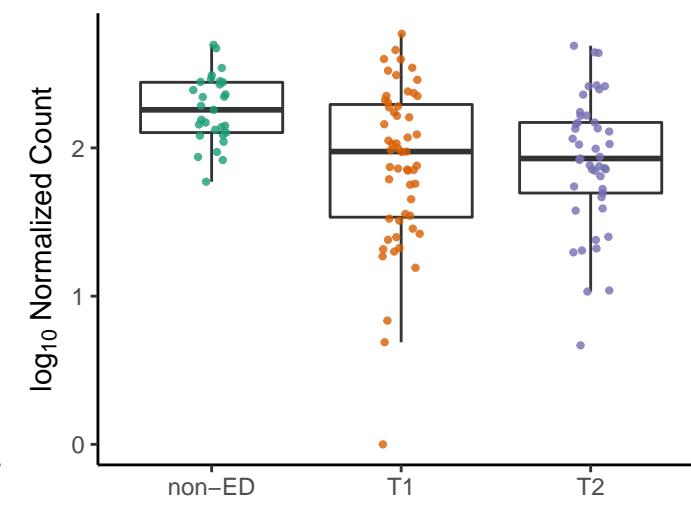
Ferrovibrio

non-ED vs. T1 adjusted p = 0.0074
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.91



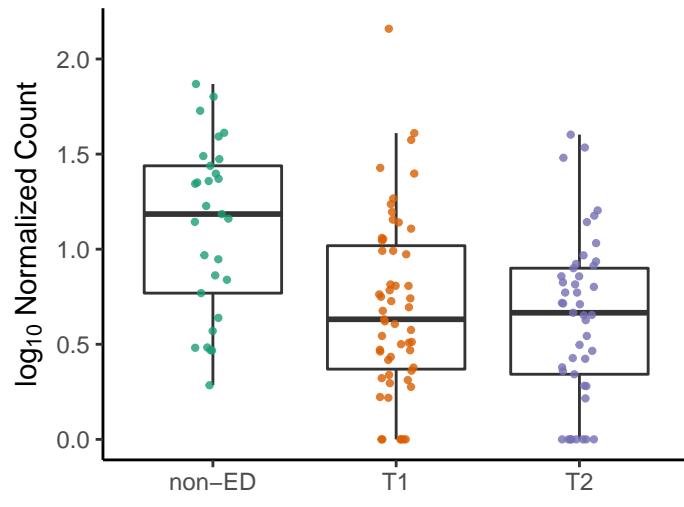
Humibacter

non-ED vs. T1 adjusted p = 0.0023
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.83



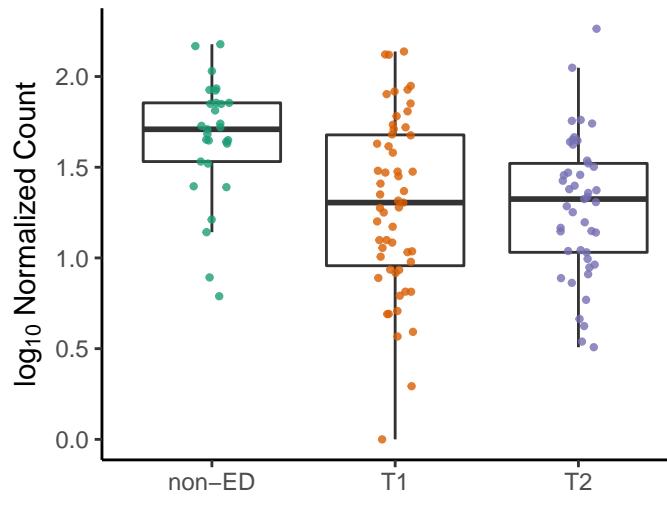
Unclassified Selenomonadaceae Family

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.81



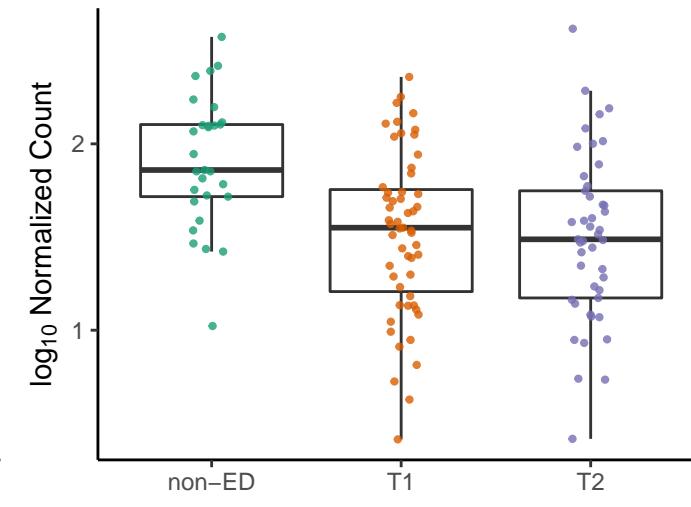
Unclassified Staphylococcaceae Family

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 1



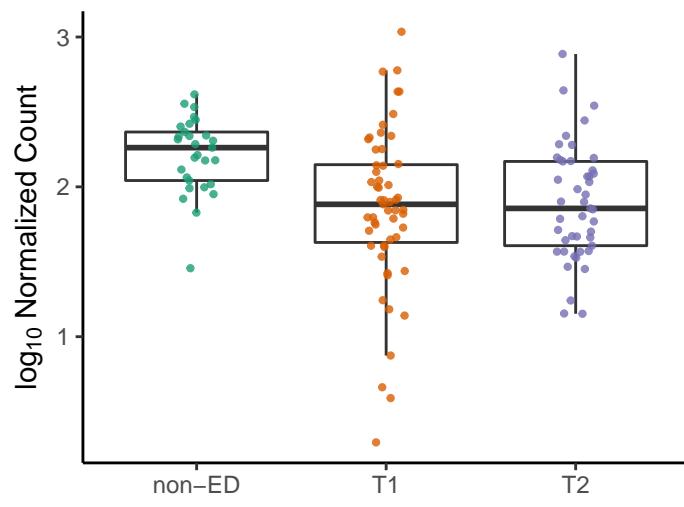
Unclassified Yersiniaceae Family

non-ED vs. T1 adjusted p = 0.0023
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.97



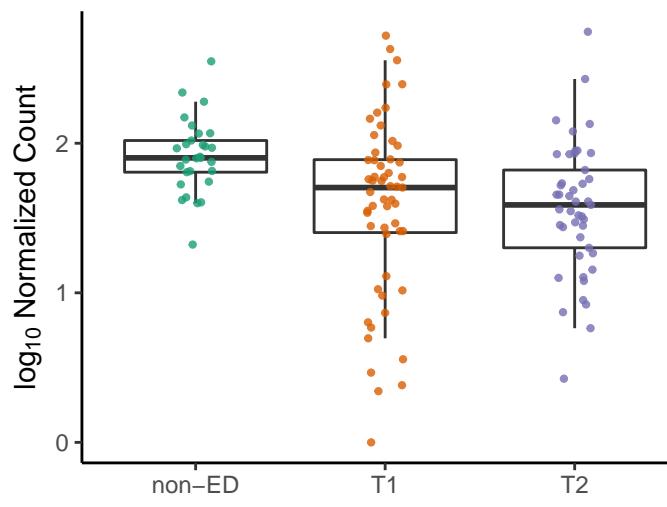
Egibacter

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.0025
T1 vs. T2 adjusted p = 0.81



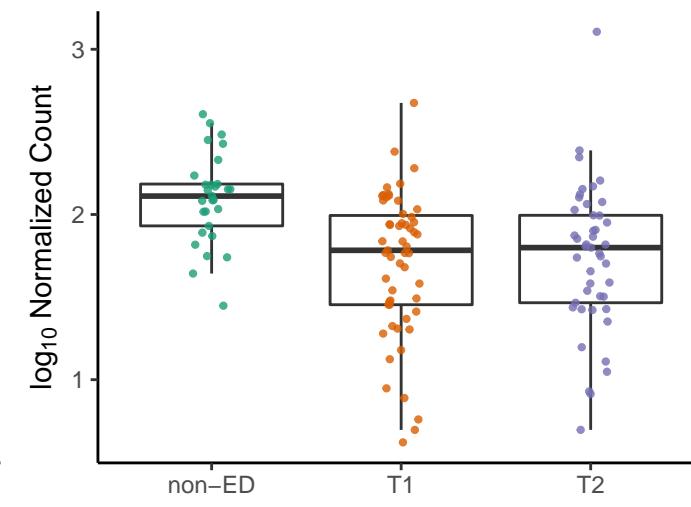
Asaia

non-ED vs. T1 adjusted p = 0.0043
non-ED vs. T2 adjusted p = 0.0026
T1 vs. T2 adjusted p = 1



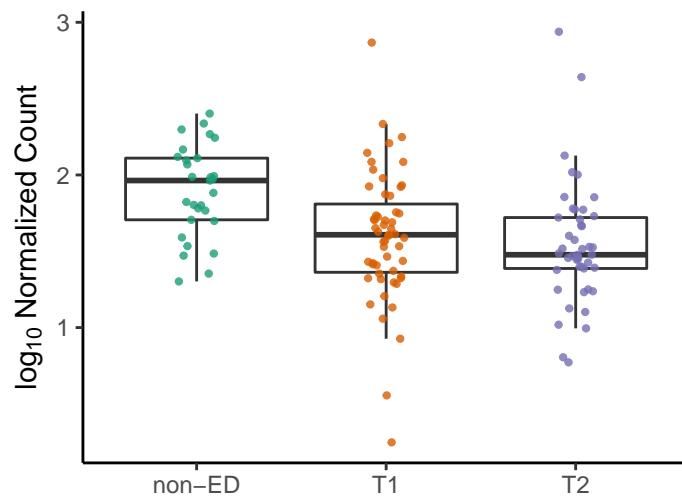
Methylovorus

non-ED vs. T1 adjusted p = 0.00083
non-ED vs. T2 adjusted p = 0.0026
T1 vs. T2 adjusted p = 0.8



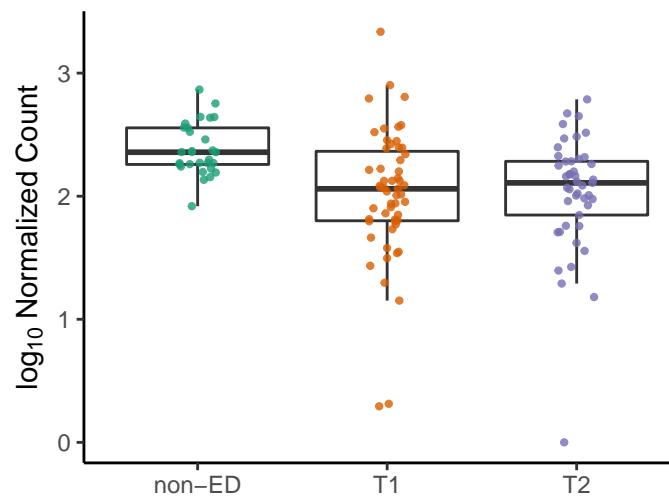
Scheffersomyces

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.0027
T1 vs. T2 adjusted p = 0.79



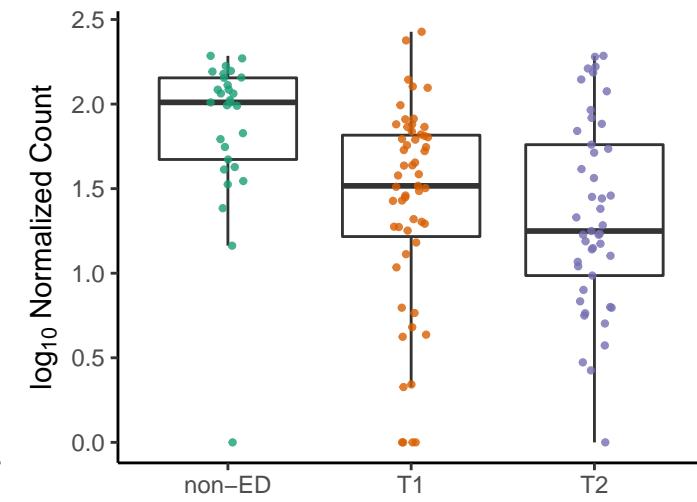
Thiocystis

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0028
T1 vs. T2 adjusted p = 0.83



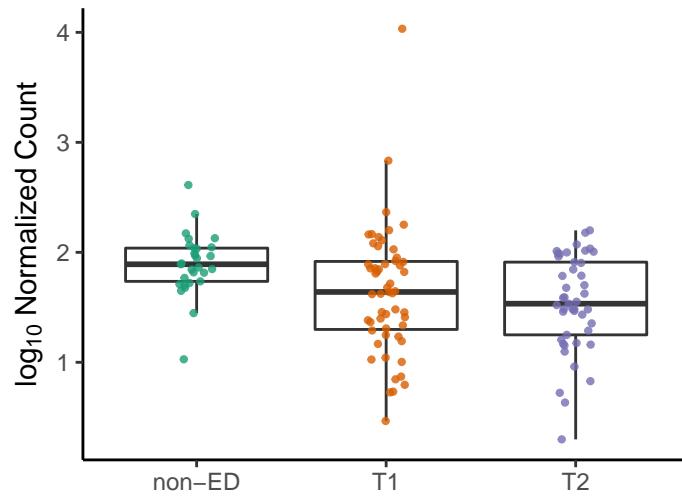
Unclassified Desulfobacteraceae Family

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0028
T1 vs. T2 adjusted p = 0.83



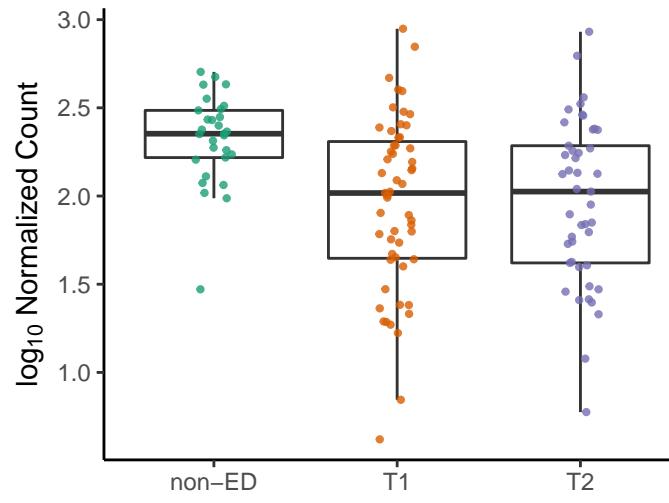
Malassezia

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.0029
T1 vs. T2 adjusted p = 0.79



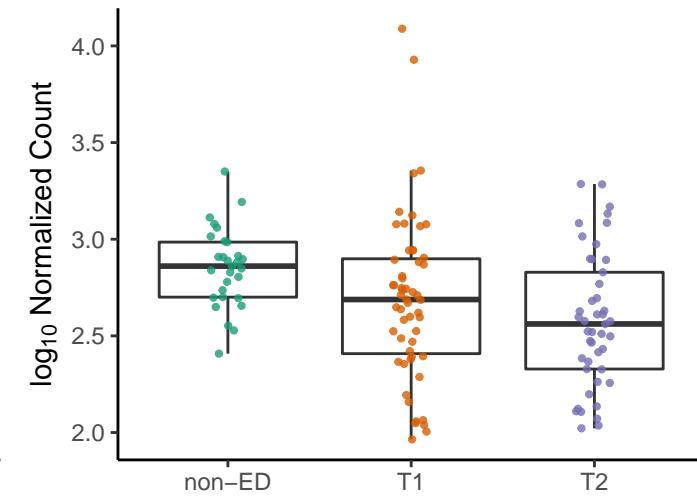
Marichromatium

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0029
T1 vs. T2 adjusted p = 0.9



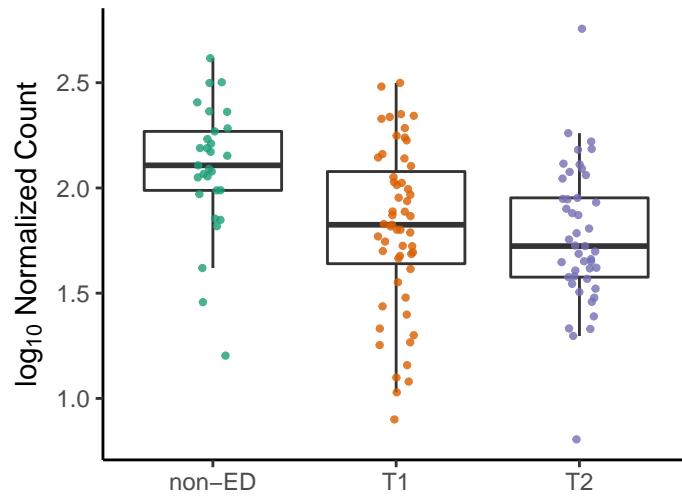
Raoultella

non-ED vs. T1 adjusted p = 0.037
non-ED vs. T2 adjusted p = 0.0029
T1 vs. T2 adjusted p = 0.82



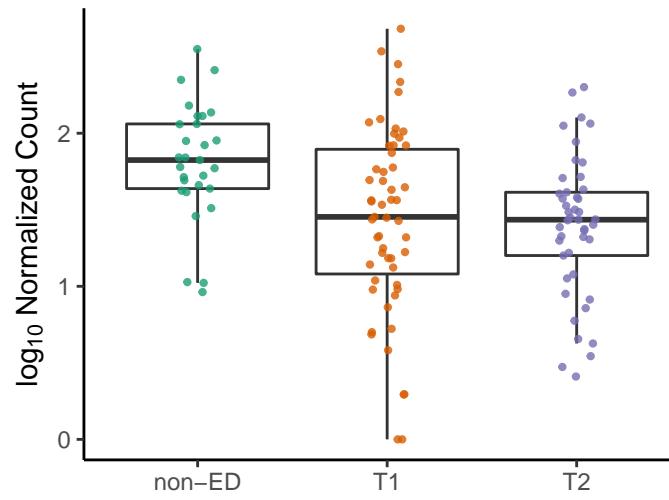
Hydrogenovibrio

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.0031
T1 vs. T2 adjusted p = 0.85



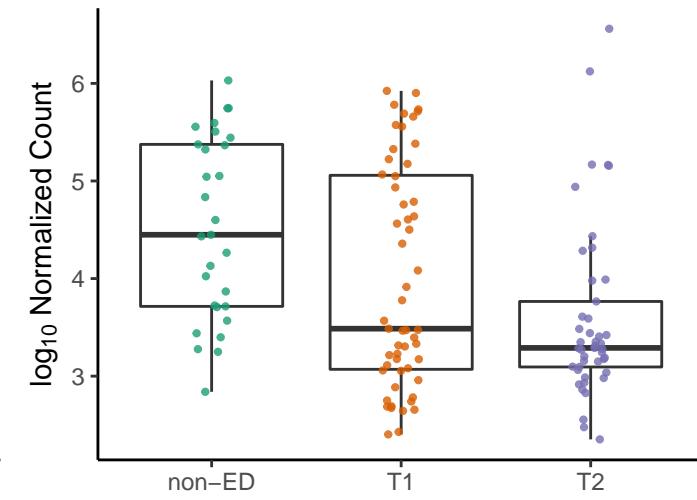
Acidimicrobium

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.0031
T1 vs. T2 adjusted p = 0.83



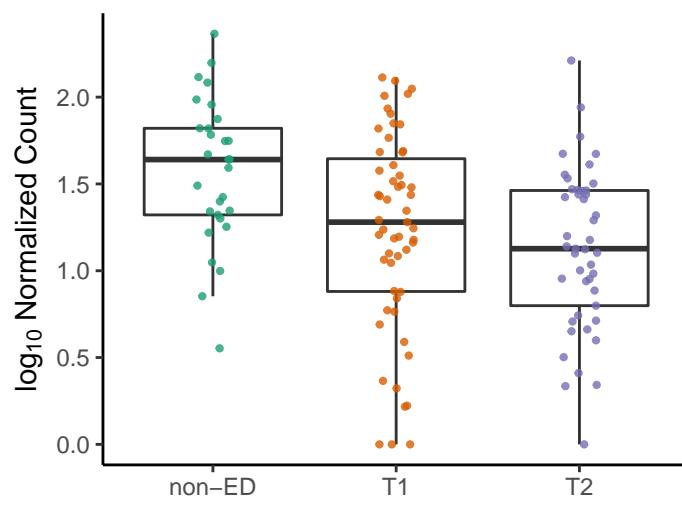
Akkermansia

non-ED vs. T1 adjusted p = 0.043
non-ED vs. T2 adjusted p = 0.0031
T1 vs. T2 adjusted p = 0.79



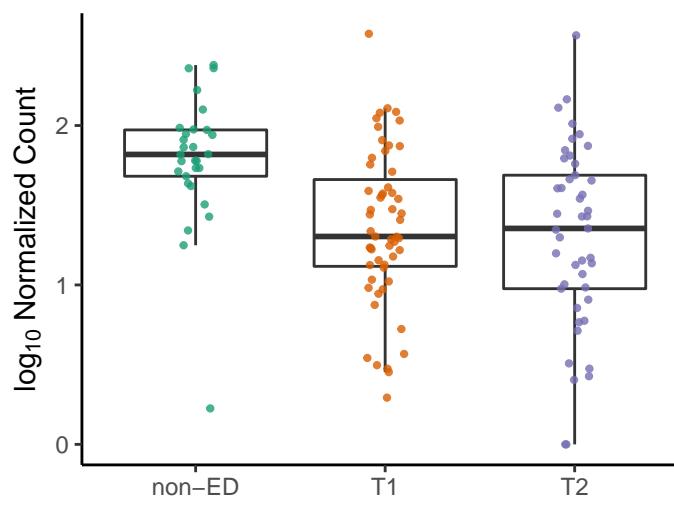
Allofrancisella

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.0031
T1 vs. T2 adjusted p = 0.79



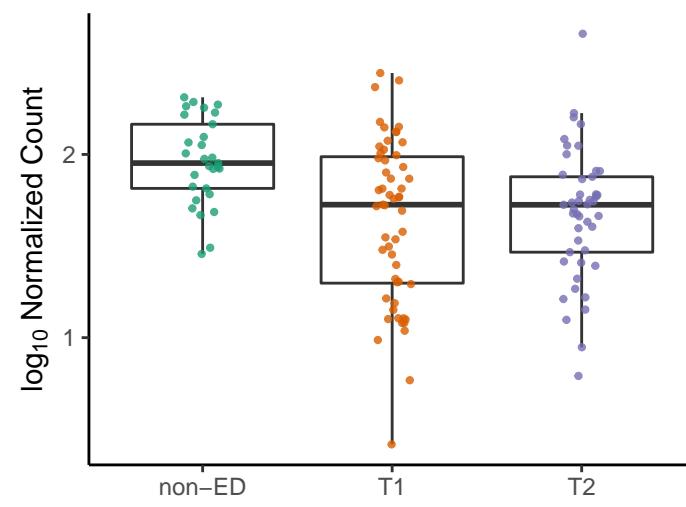
Ephemeropterica

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.0031
T1 vs. T2 adjusted p = 0.8



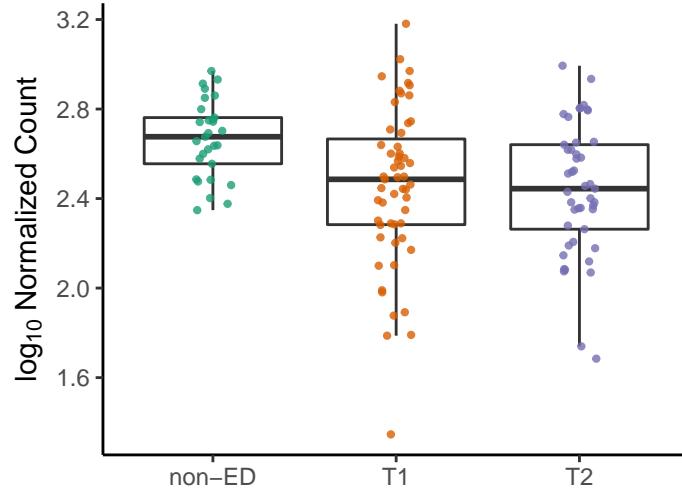
Iodobacter

non-ED vs. T1 adjusted p = 0.0022
non-ED vs. T2 adjusted p = 0.0033
T1 vs. T2 adjusted p = 0.79



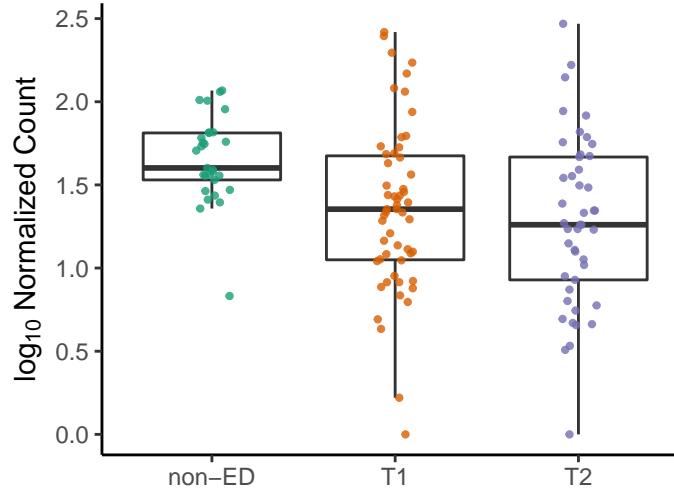
Prosthecochloris

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.0033
T1 vs. T2 adjusted p = 0.98



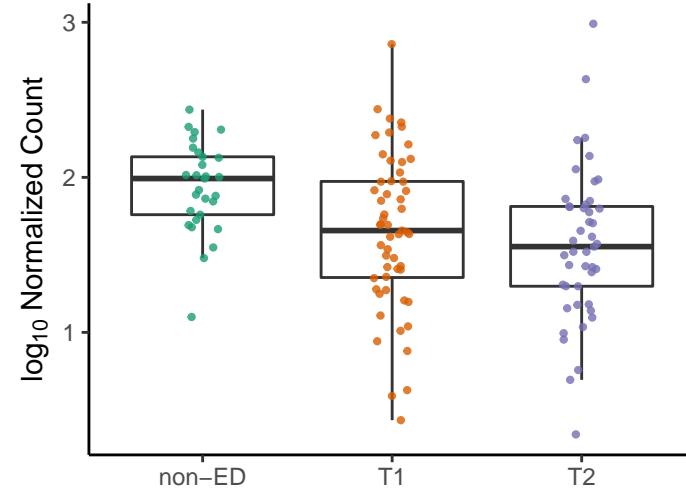
Candidatus Endolissoclinum

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.0035
T1 vs. T2 adjusted p = 0.79



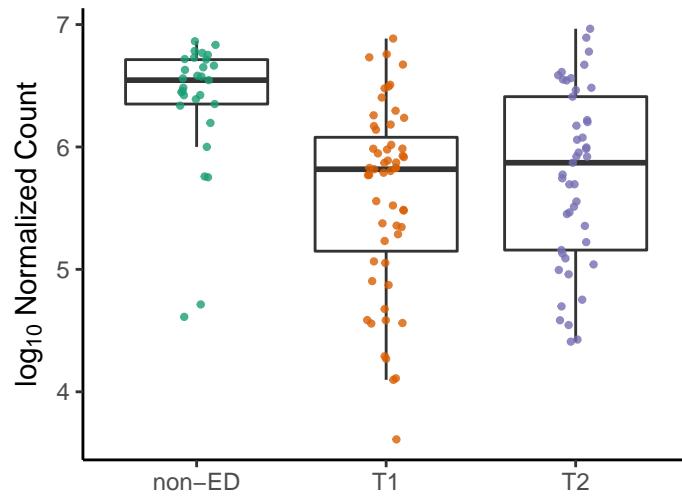
Crocospaera

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.0035
T1 vs. T2 adjusted p = 0.8



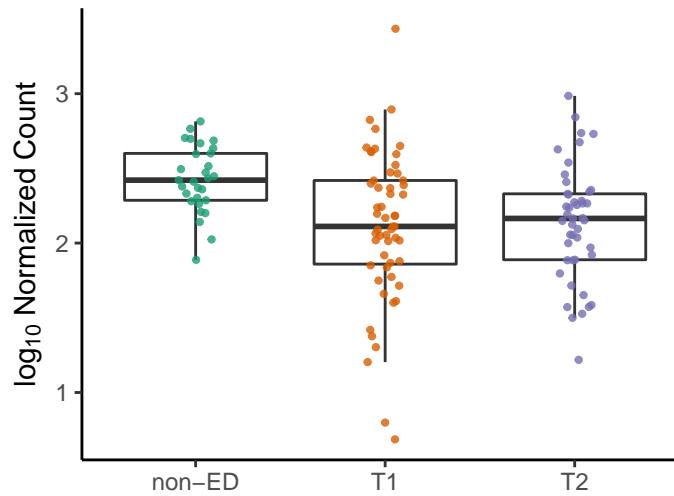
Faecalibacterium

non-ED vs. T1 adjusted p = 0.00077
non-ED vs. T2 adjusted p = 0.0035
T1 vs. T2 adjusted p = 0.79



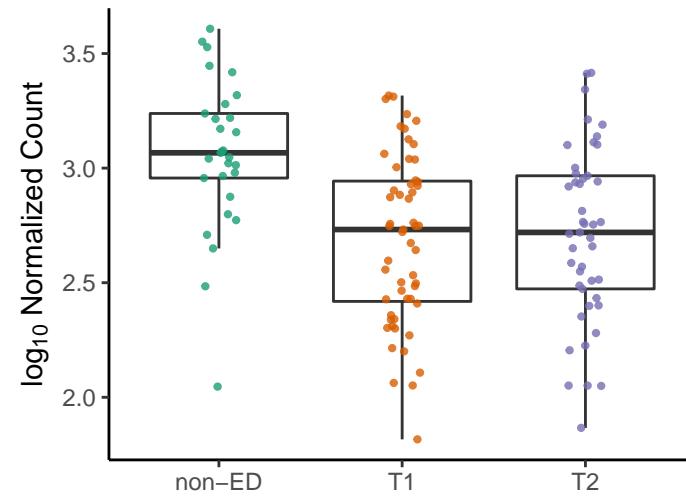
Lentzea

non-ED vs. T1 adjusted p = 0.0032
non-ED vs. T2 adjusted p = 0.0035
T1 vs. T2 adjusted p = 0.81



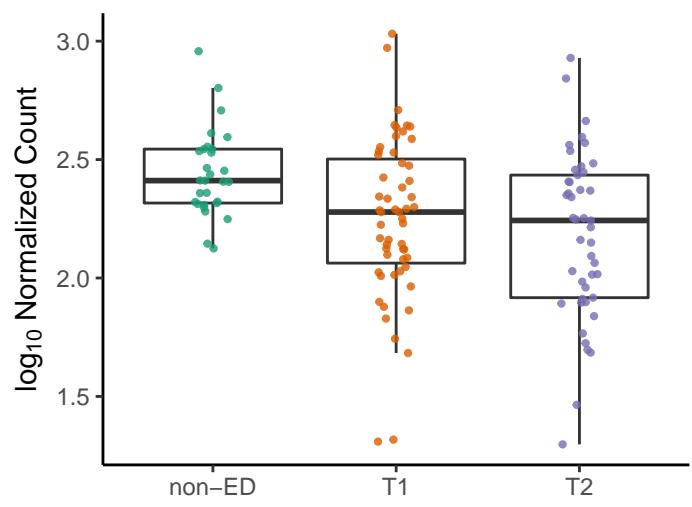
Mageeibacillus

non-ED vs. T1 adjusted p = 0.0019
non-ED vs. T2 adjusted p = 0.0035
T1 vs. T2 adjusted p = 0.79



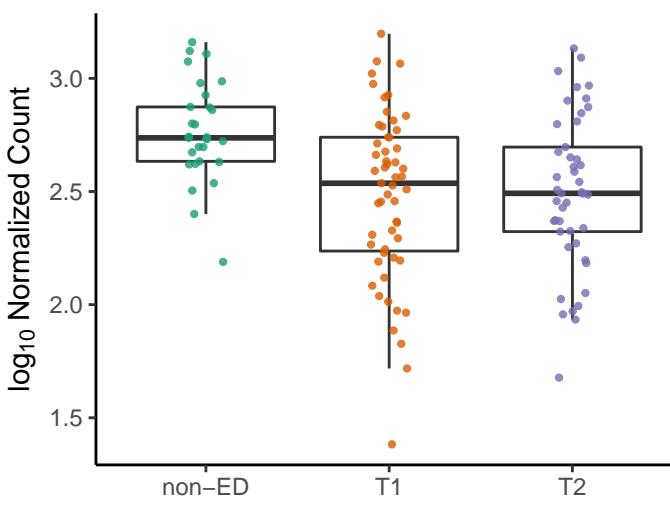
Neurospora

non-ED vs. T1 adjusted p = 0.0062
 non-ED vs. T2 adjusted p = 0.0035
 T1 vs. T2 adjusted p = 0.79



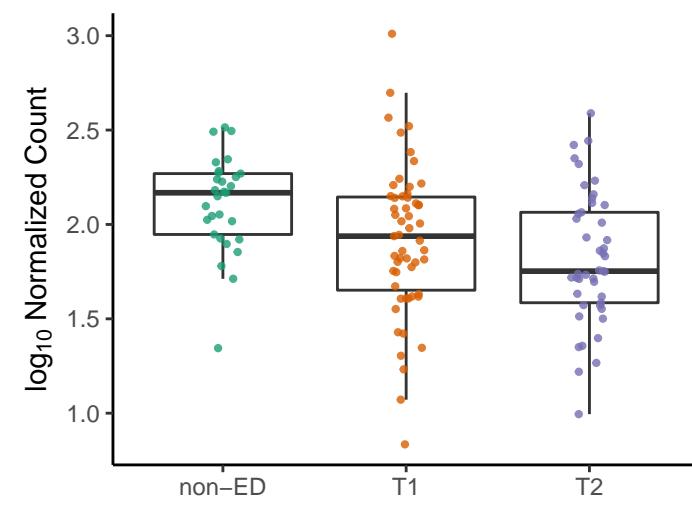
Terriglobus

non-ED vs. T1 adjusted p = 0.0022
 non-ED vs. T2 adjusted p = 0.0035
 T1 vs. T2 adjusted p = 0.8



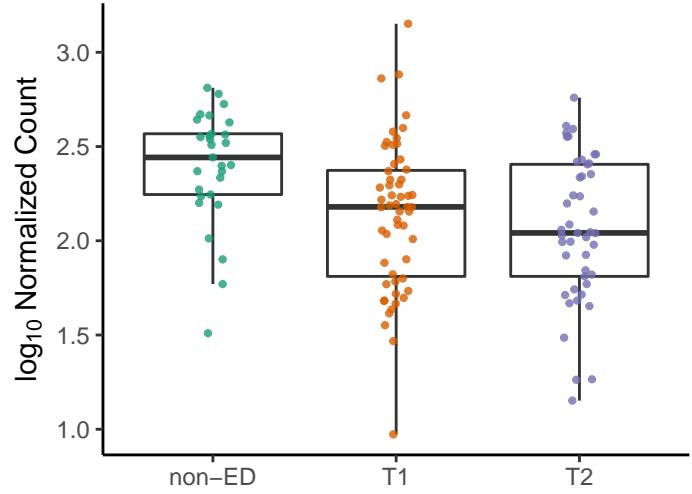
Thalassotalea

non-ED vs. T1 adjusted p = 0.019
 non-ED vs. T2 adjusted p = 0.0035
 T1 vs. T2 adjusted p = 0.79



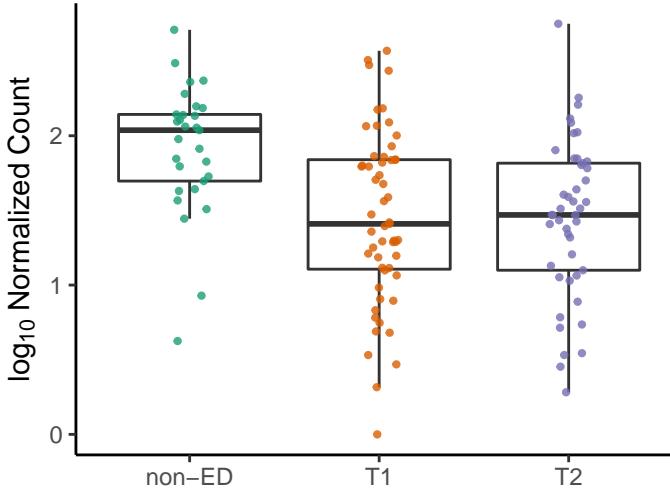
Blattabacterium

non-ED vs. T1 adjusted p = 0.0071
 non-ED vs. T2 adjusted p = 0.0036
 T1 vs. T2 adjusted p = 0.79



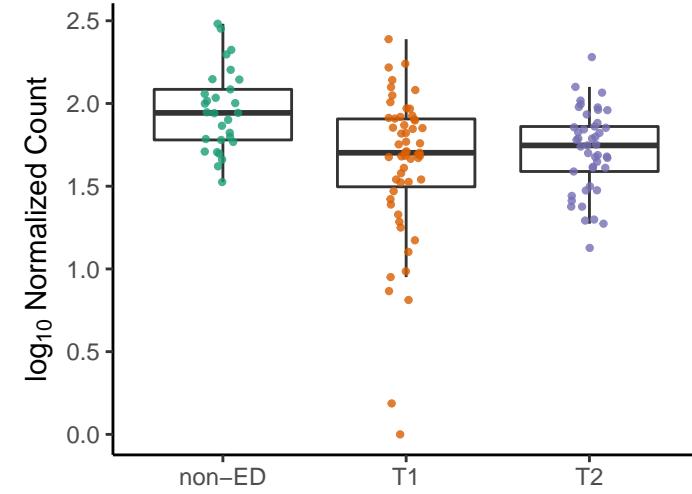
Coprothermobacter

non-ED vs. T1 adjusted p = 0.003
 non-ED vs. T2 adjusted p = 0.0036
 T1 vs. T2 adjusted p = 0.9



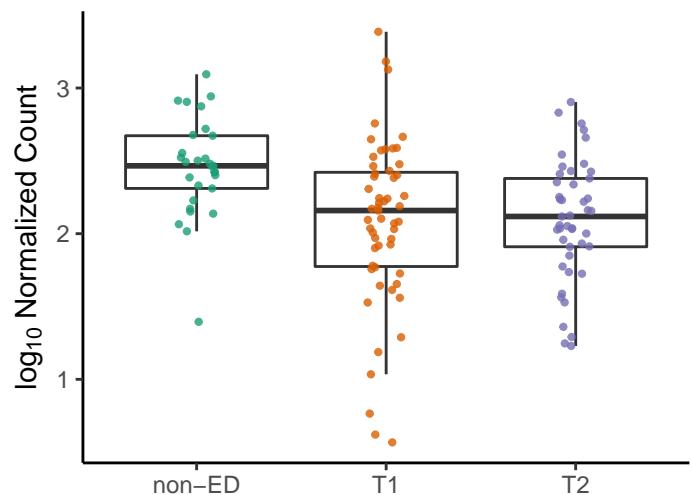
Grimontia

non-ED vs. T1 adjusted p = 0.0023
 non-ED vs. T2 adjusted p = 0.0038
 T1 vs. T2 adjusted p = 0.79



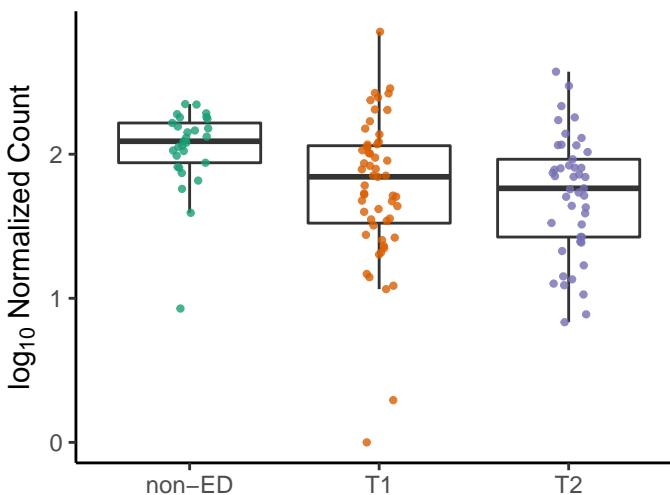
Xylophilus

non-ED vs. T1 adjusted p = 0.0039
 non-ED vs. T2 adjusted p = 0.0038
 T1 vs. T2 adjusted p = 0.8



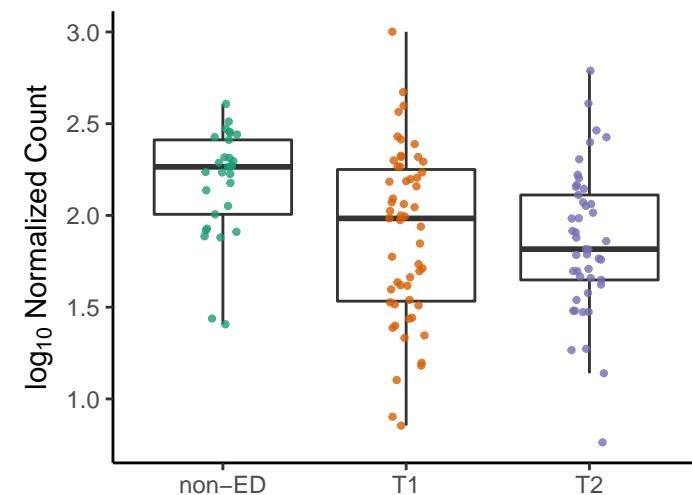
Salinivirga

non-ED vs. T1 adjusted p = 0.0071
 non-ED vs. T2 adjusted p = 0.0039
 T1 vs. T2 adjusted p = 0.82



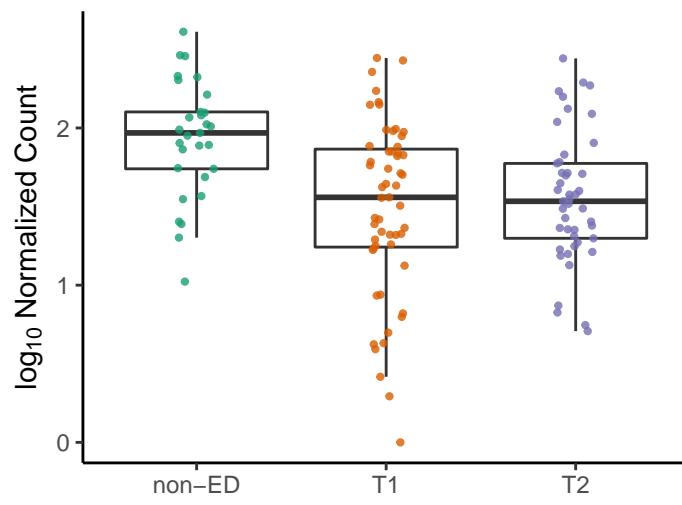
Anabaena

non-ED vs. T1 adjusted p = 0.0053
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.85



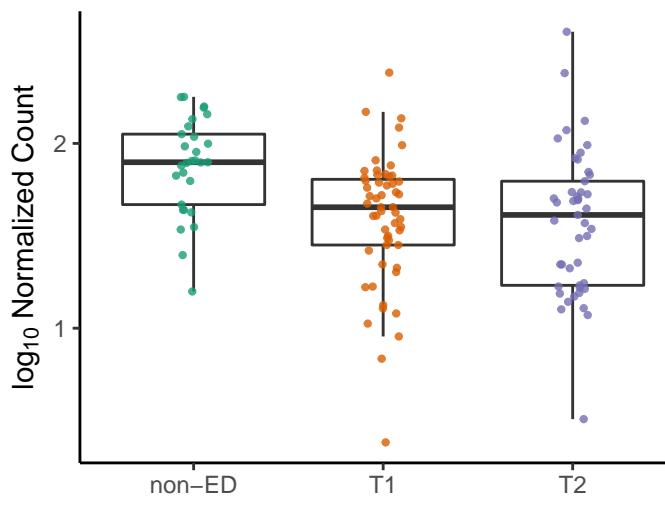
Thalassococcus

non-ED vs. T1 adjusted p = 0.0025
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.79



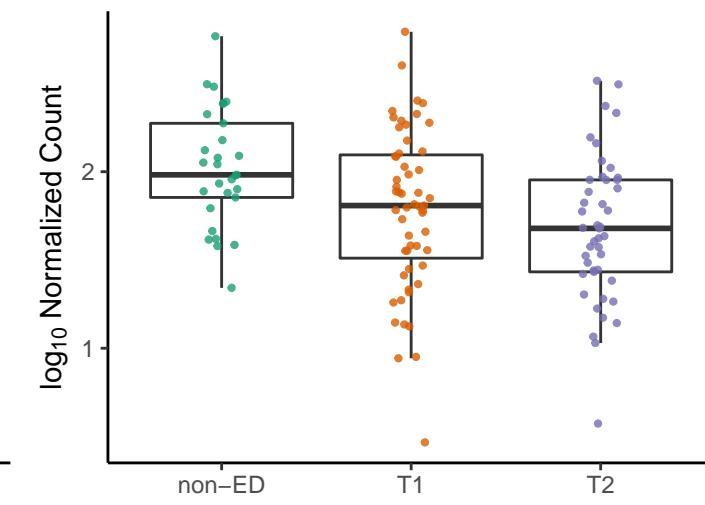
Chamaesiphon

non-ED vs. T1 adjusted p = 0.0028
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.81



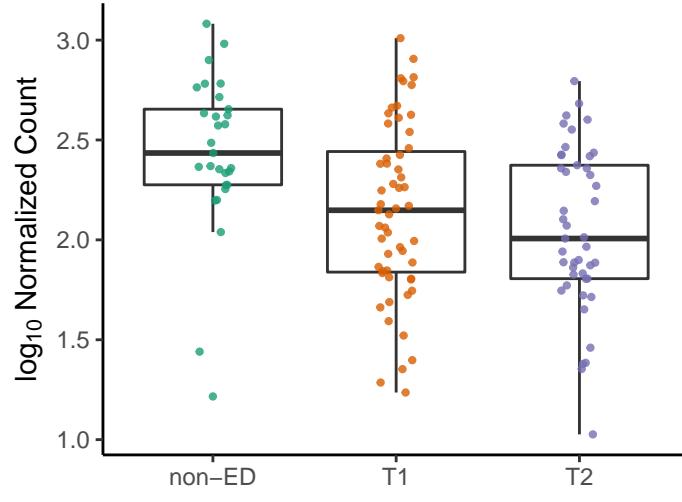
Curvibacter

non-ED vs. T1 adjusted p = 0.018
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.83



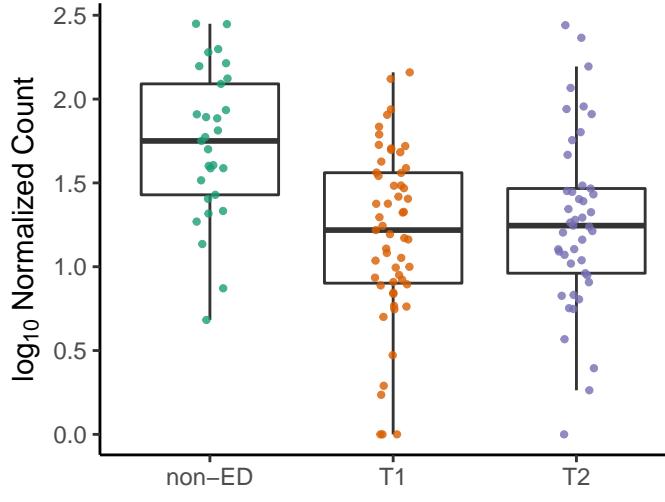
Gottschalkia

non-ED vs. T1 adjusted p = 0.01
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.79



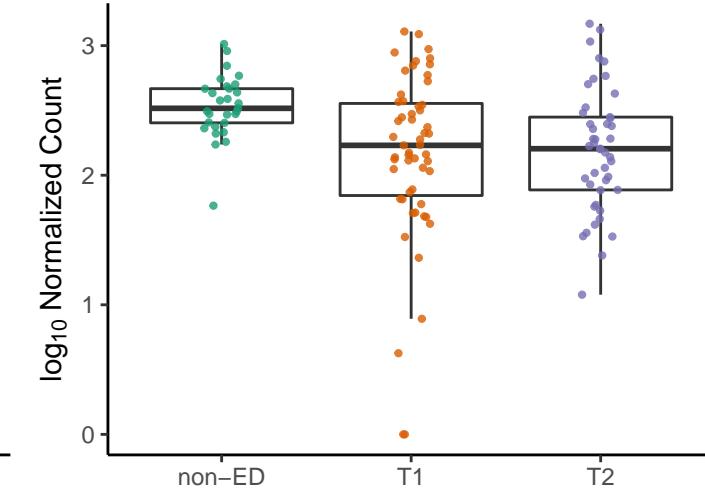
Unclassified Saccharomycetales Order

non-ED vs. T1 adjusted p = 0.0011
 non-ED vs. T2 adjusted p = 0.0042
 T1 vs. T2 adjusted p = 0.79



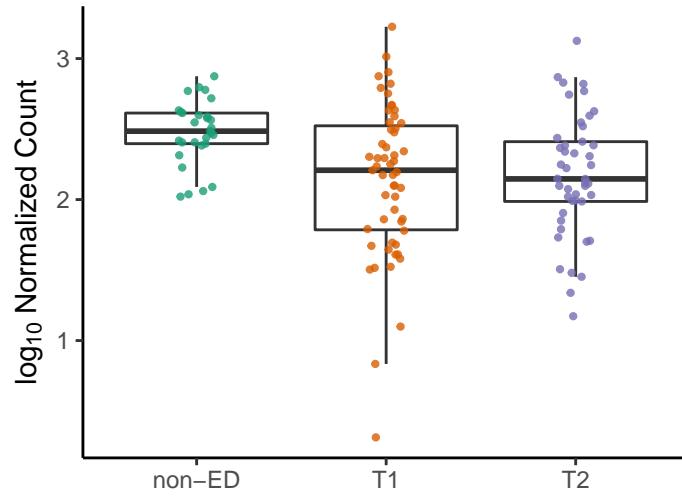
Candidatus Promineofilum

non-ED vs. T1 adjusted p = 0.0036
 non-ED vs. T2 adjusted p = 0.0044
 T1 vs. T2 adjusted p = 0.79



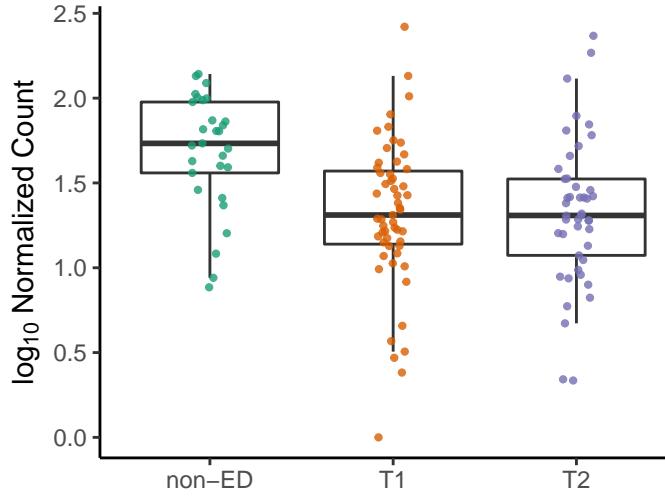
Chelatococcus

non-ED vs. T1 adjusted p = 0.0032
 non-ED vs. T2 adjusted p = 0.0044
 T1 vs. T2 adjusted p = 0.79



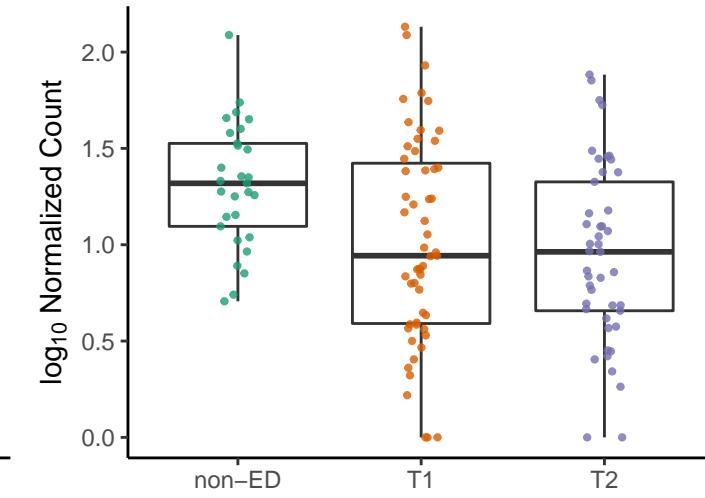
Neorickettsia

non-ED vs. T1 adjusted p = 0.0026
 non-ED vs. T2 adjusted p = 0.0044
 T1 vs. T2 adjusted p = 0.97



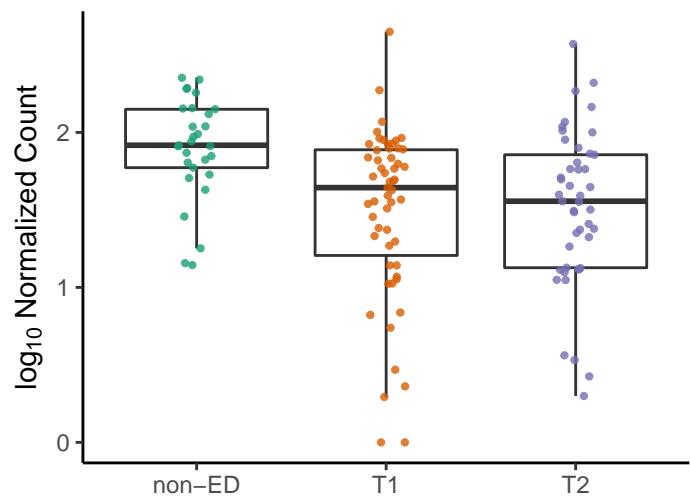
Candidatus Midichloria

non-ED vs. T1 adjusted p = 0.0092
 non-ED vs. T2 adjusted p = 0.0048
 T1 vs. T2 adjusted p = 0.79



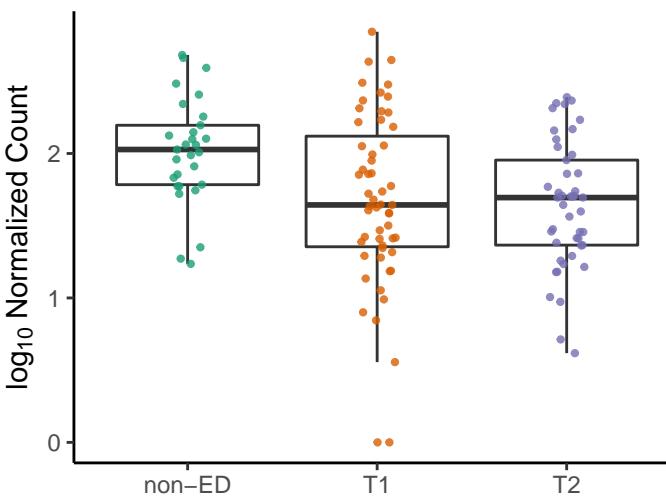
Citromicrobium

non-ED vs. T1 adjusted p = 0.0027
 non-ED vs. T2 adjusted p = 0.0048
 T1 vs. T2 adjusted p = 0.79



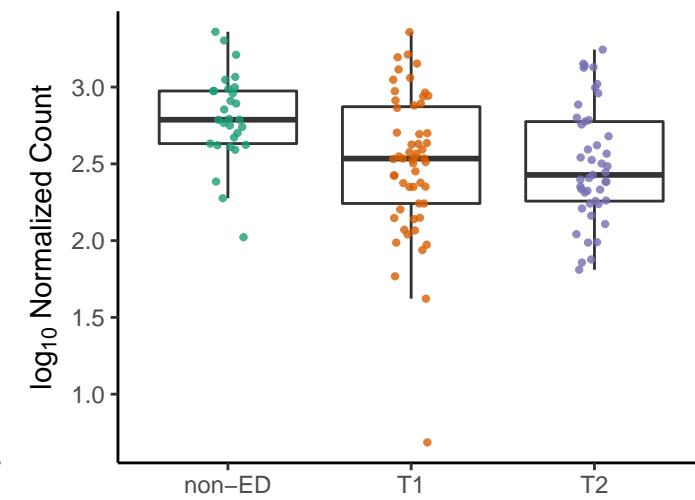
Pistricoccus

non-ED vs. T1 adjusted p = 0.0078
 non-ED vs. T2 adjusted p = 0.0048
 T1 vs. T2 adjusted p = 1



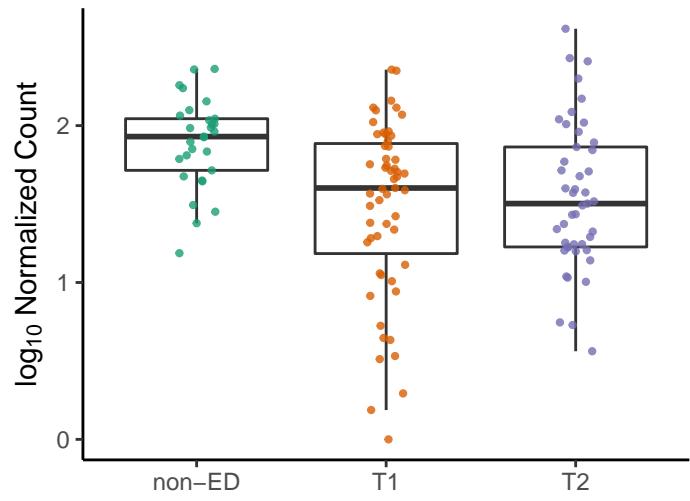
Unclassified Candidatus Saccharibacte

non-ED vs. T1 adjusted p = 0.0045
 non-ED vs. T2 adjusted p = 0.0048
 T1 vs. T2 adjusted p = 0.93



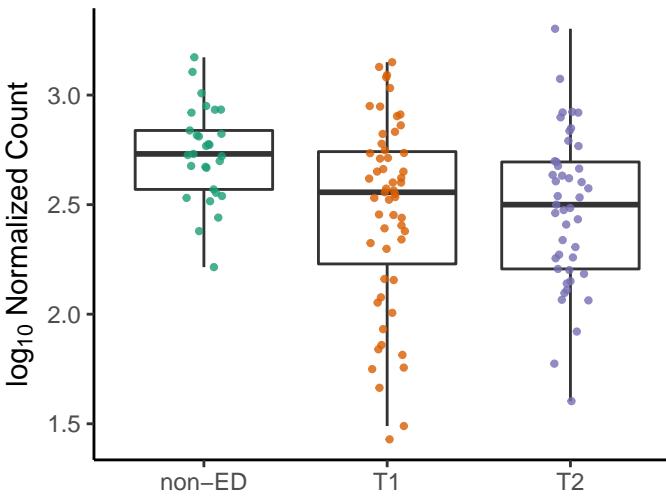
Unclassified Haloferacales Order

non-ED vs. T1 adjusted p = 0.0021
 non-ED vs. T2 adjusted p = 0.0048
 T1 vs. T2 adjusted p = 0.79



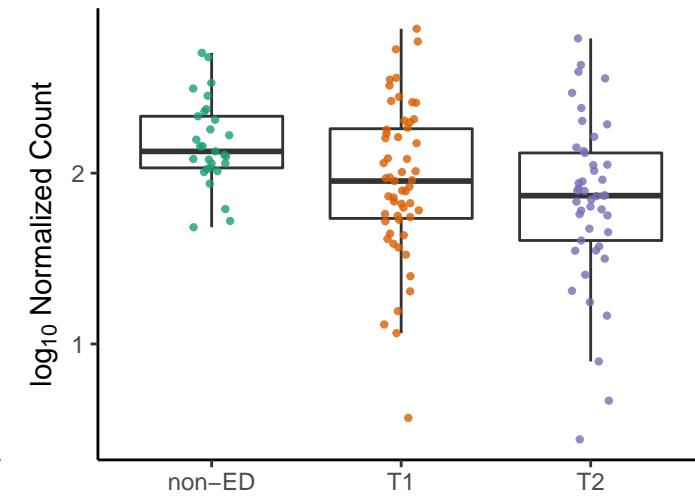
Aquitalea

non-ED vs. T1 adjusted p = 0.0039
 non-ED vs. T2 adjusted p = 0.005
 T1 vs. T2 adjusted p = 0.86



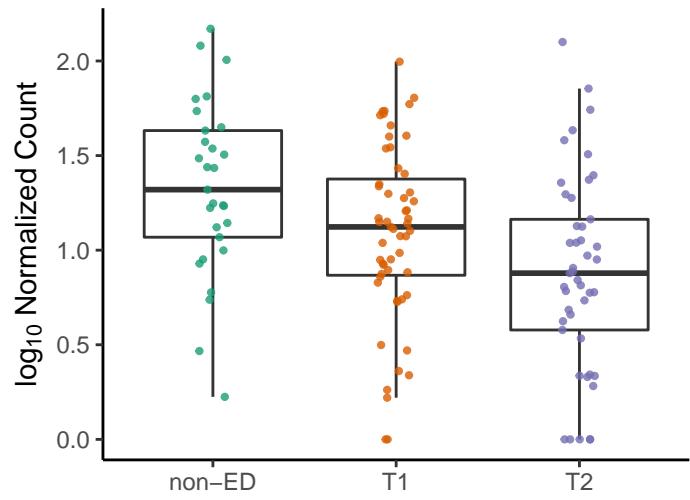
Gibbsiella

non-ED vs. T1 adjusted p = 0.013
 non-ED vs. T2 adjusted p = 0.005
 T1 vs. T2 adjusted p = 0.85



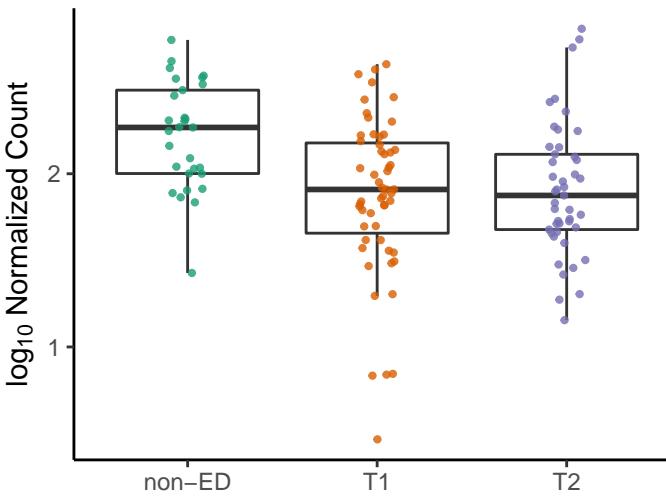
Candidatus Gullanella

non-ED vs. T1 adjusted p = 0.048
 non-ED vs. T2 adjusted p = 0.0051
 T1 vs. T2 adjusted p = 0.79



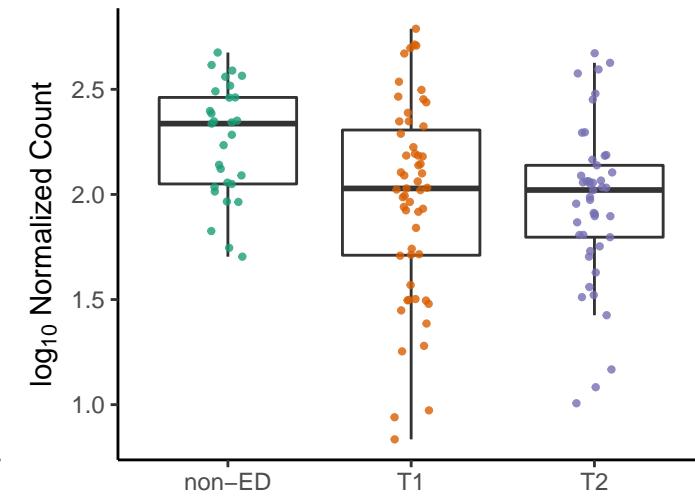
Cohaesibacter

non-ED vs. T1 adjusted p = 0.003
 non-ED vs. T2 adjusted p = 0.0051
 T1 vs. T2 adjusted p = 0.79



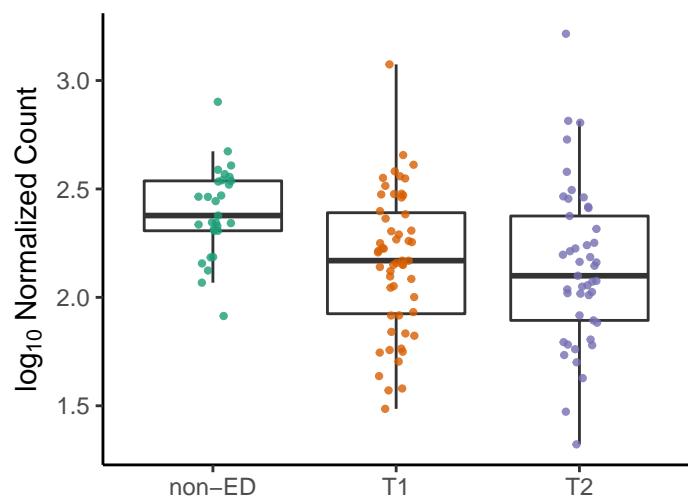
Halothiobacillus

non-ED vs. T1 adjusted p = 0.0059
 non-ED vs. T2 adjusted p = 0.0051
 T1 vs. T2 adjusted p = 0.97



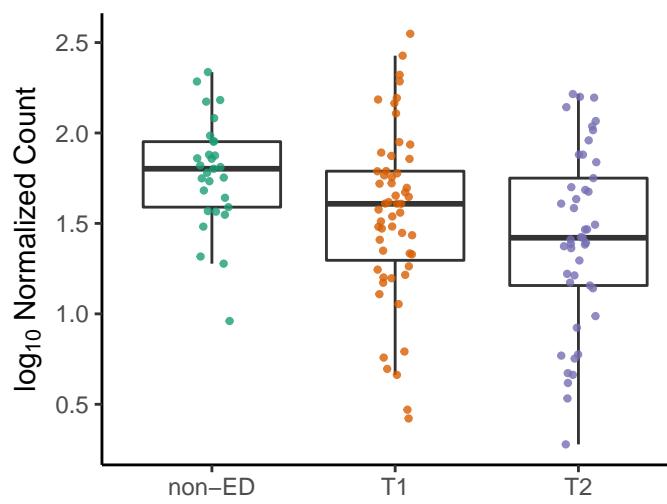
Marinomonas

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.97



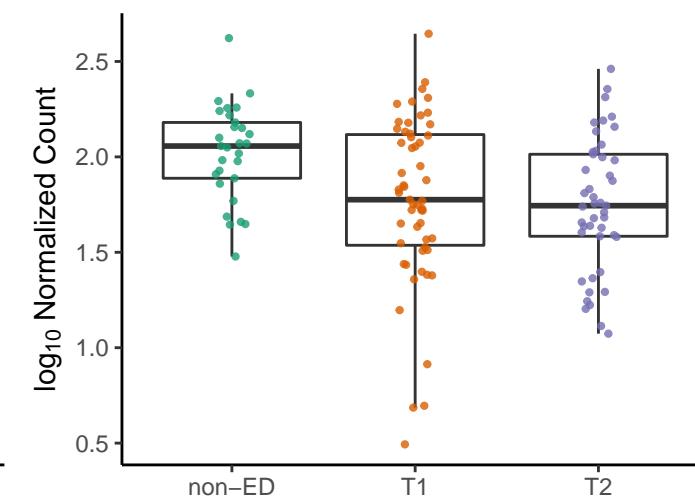
Mesoflavibacter

non-ED vs. T1 adjusted p = 0.021
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.79



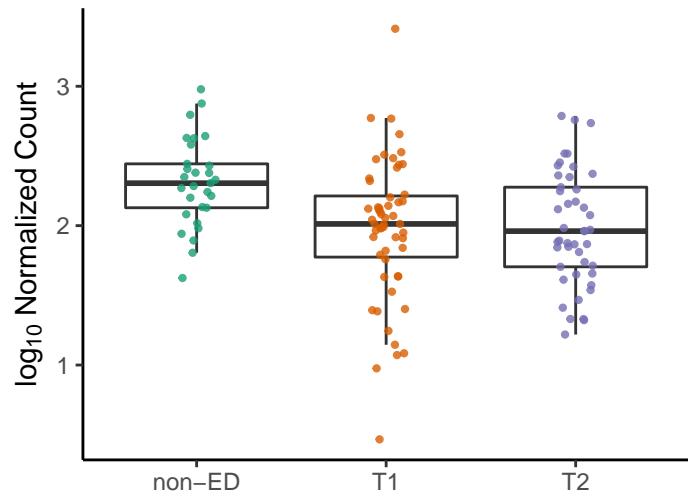
Novibacillus

non-ED vs. T1 adjusted p = 0.0073
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 1



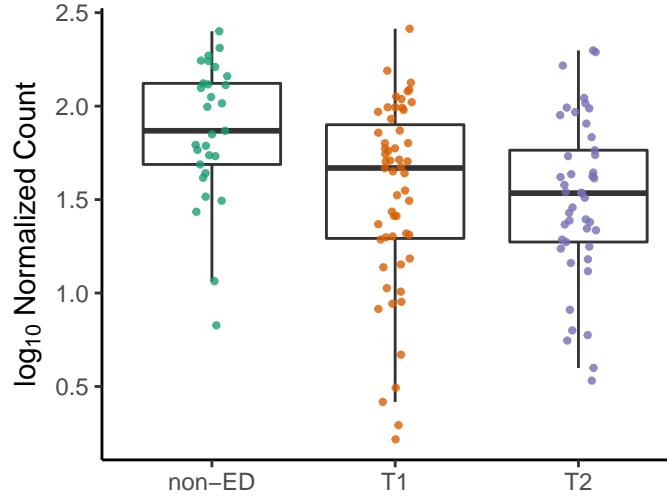
Orrella

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.8



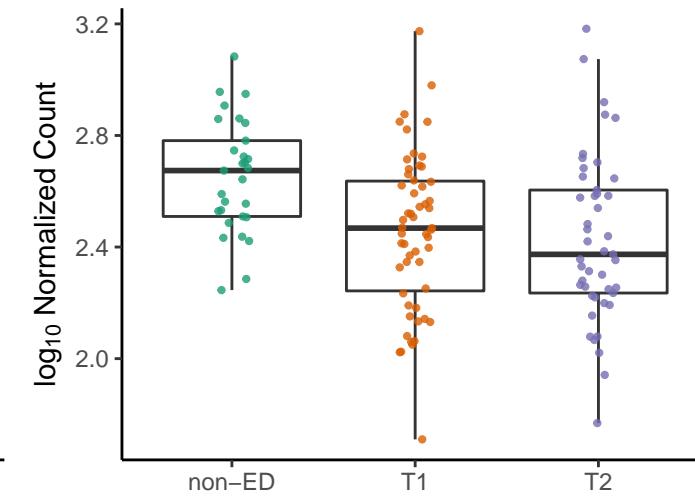
Paraoreskvia

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.98



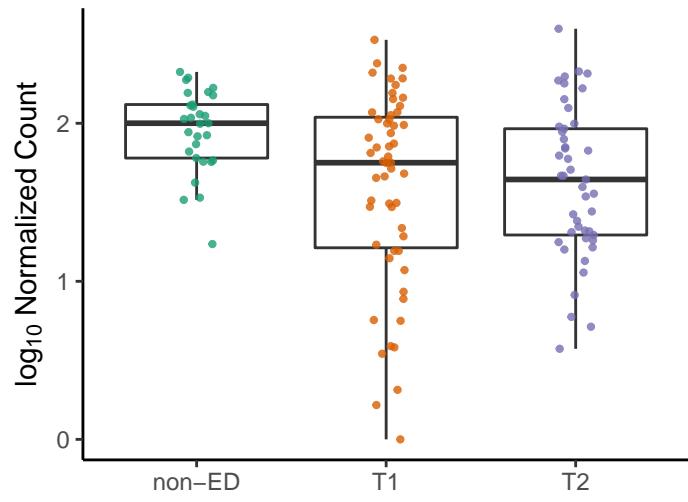
Psychrobacter

non-ED vs. T1 adjusted p = 0.0041
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.9



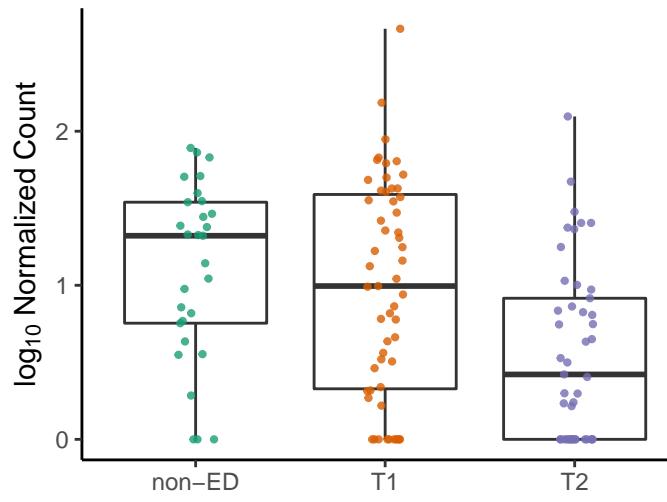
Sterolibacterium

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 1



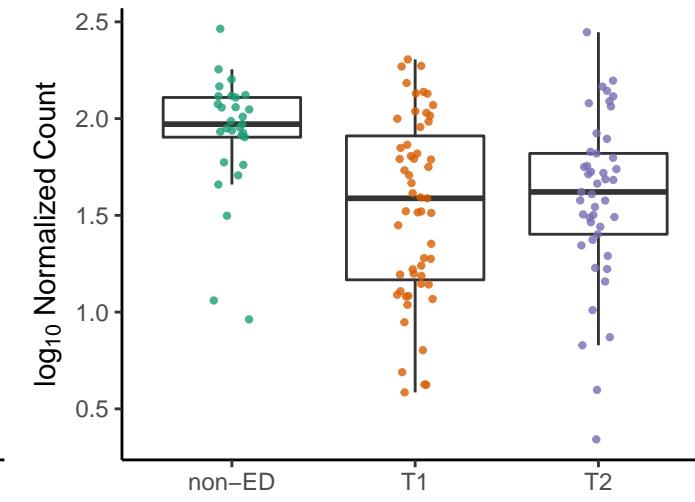
Unclassified Rikenellaceae Family

non-ED vs. T1 adjusted p = 0.47
non-ED vs. T2 adjusted p = 0.0051
T1 vs. T2 adjusted p = 0.2



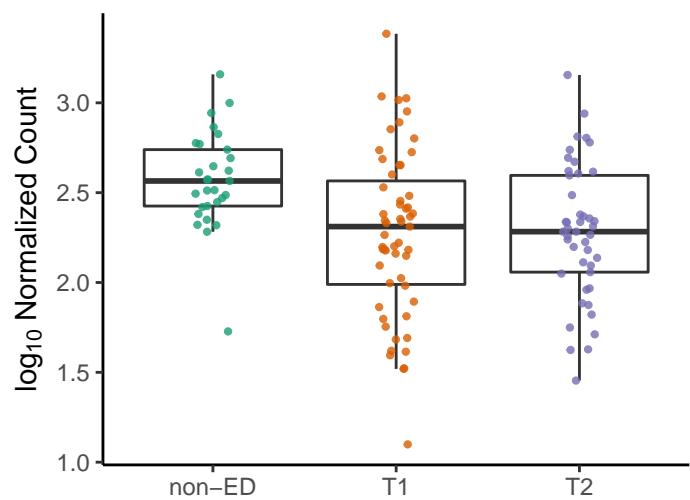
Coraliomargarita

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0053
T1 vs. T2 adjusted p = 0.85



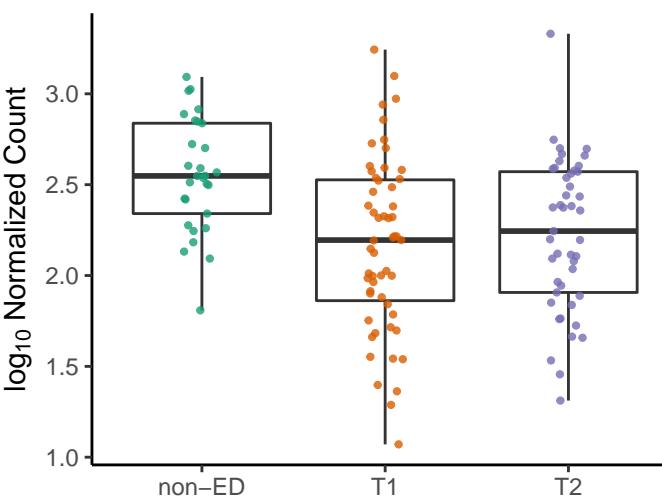
Dyella

non-ED vs. T1 adjusted p = 0.0041
non-ED vs. T2 adjusted p = 0.0053
T1 vs. T2 adjusted p = 0.85



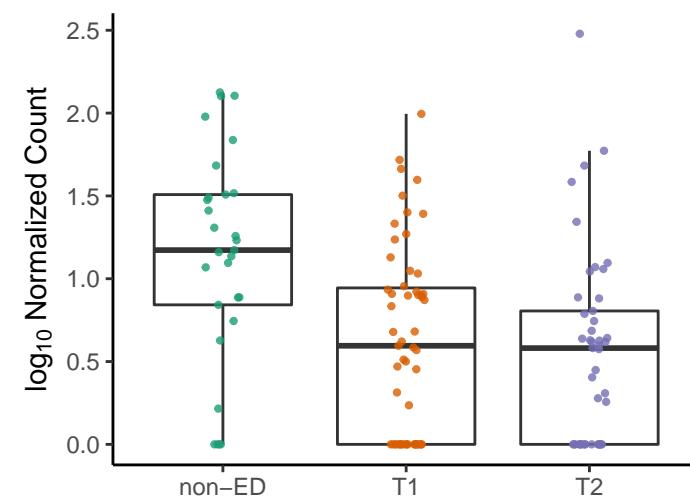
Unclassified Campylobacteraceae Fam

non-ED vs. T1 adjusted p = 0.0022
non-ED vs. T2 adjusted p = 0.0053
T1 vs. T2 adjusted p = 0.81



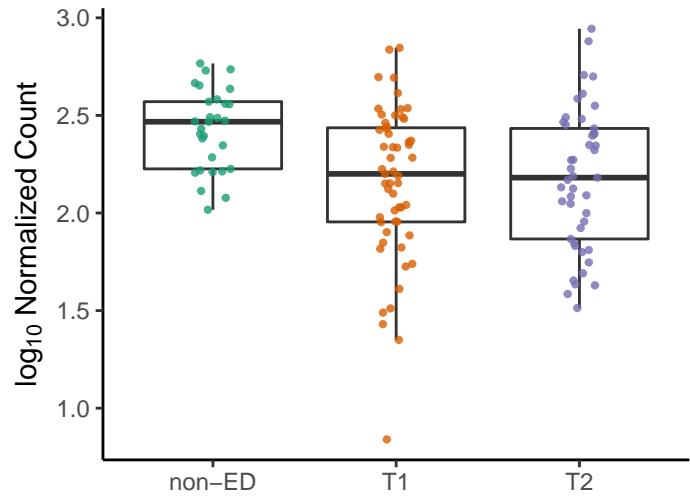
Unclassified Desulfobacterales Order

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.0054
T1 vs. T2 adjusted p = 0.82



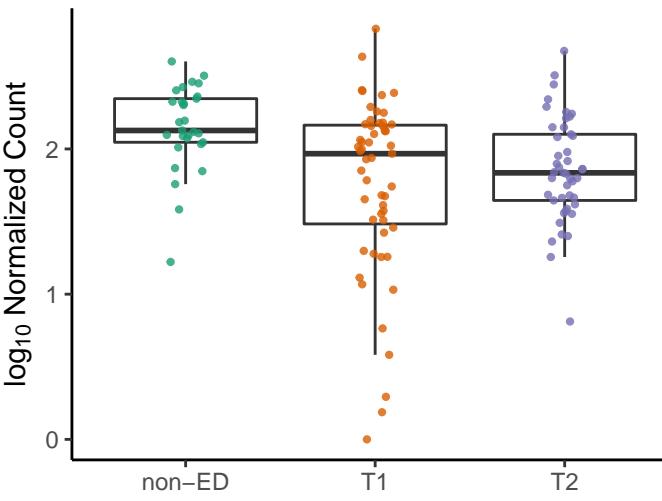
Octadecabacter

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.0054
T1 vs. T2 adjusted p = 0.86



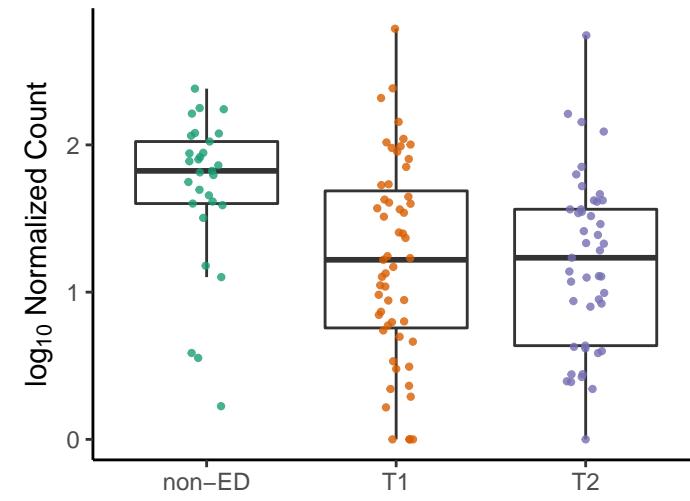
Gemmobacter

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0055
T1 vs. T2 adjusted p = 0.79



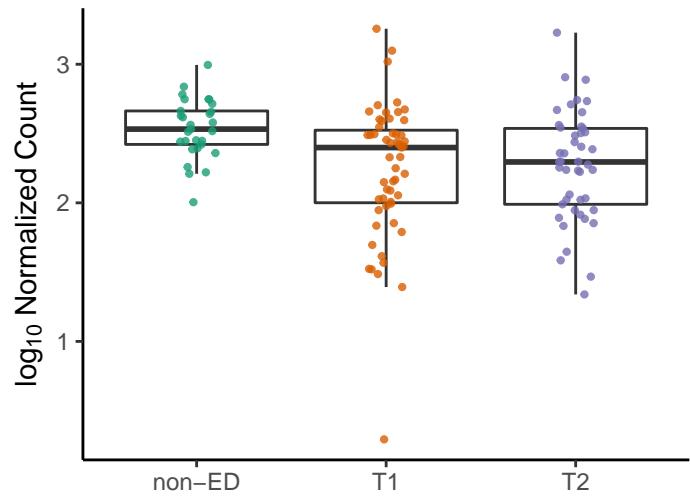
Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted p = 0.0044
non-ED vs. T2 adjusted p = 0.0055
T1 vs. T2 adjusted p = 1



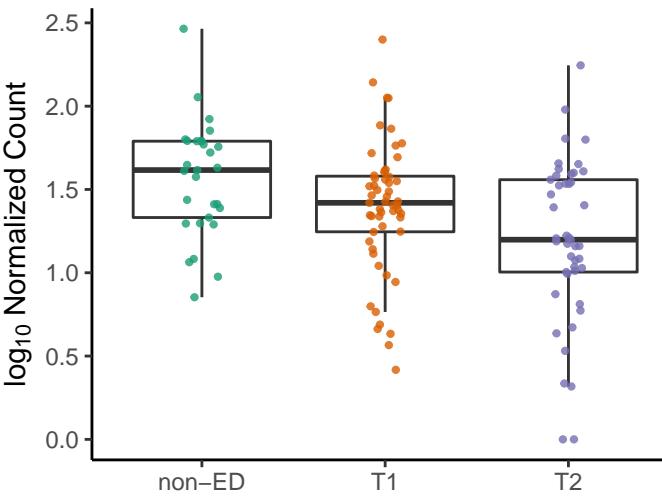
Meiothermus

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0056
T1 vs. T2 adjusted p = 0.79



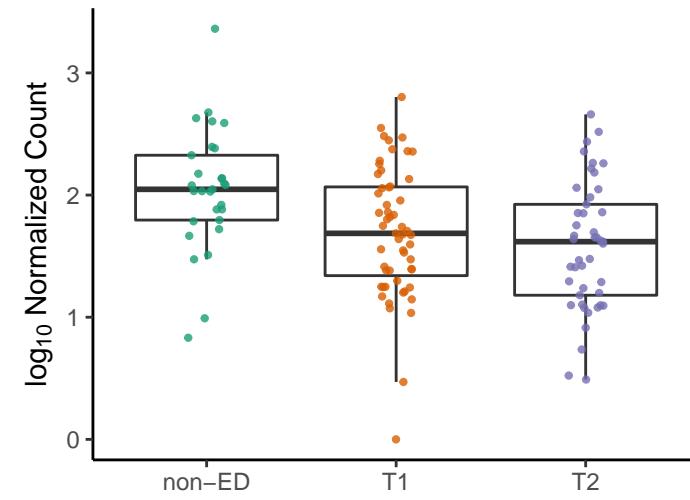
Paenacaligenes

non-ED vs. T1 adjusted p = 0.062
non-ED vs. T2 adjusted p = 0.0056
T1 vs. T2 adjusted p = 0.79



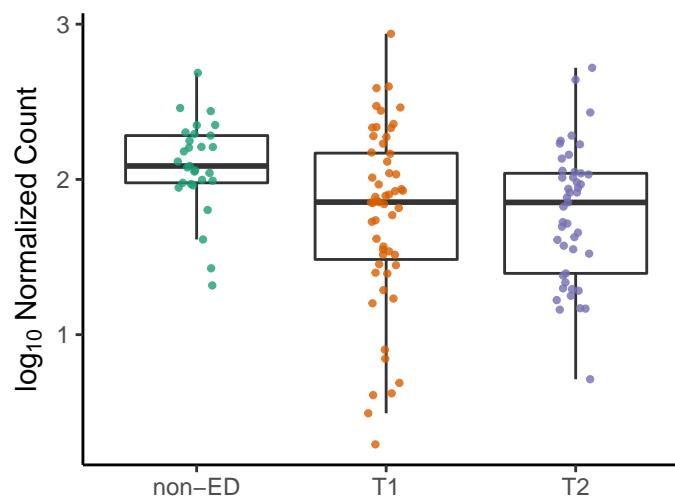
Streptobacillus

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.0056
T1 vs. T2 adjusted p = 0.79



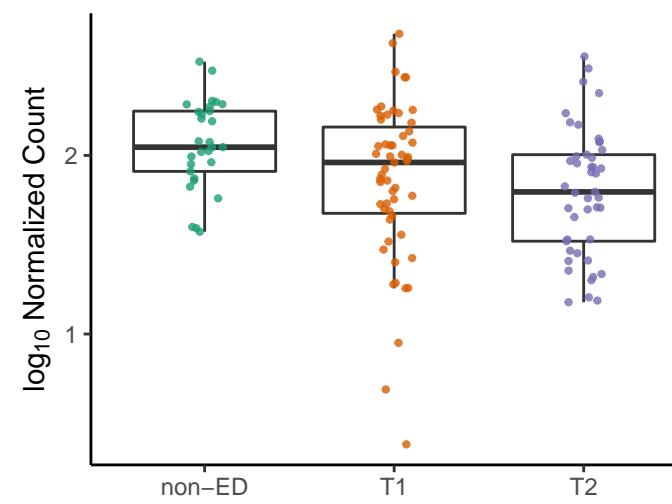
Thioclova

non-ED vs. T1 adjusted p = 0.0055
 non-ED vs. T2 adjusted p = 0.0058
 T1 vs. T2 adjusted p = 0.92



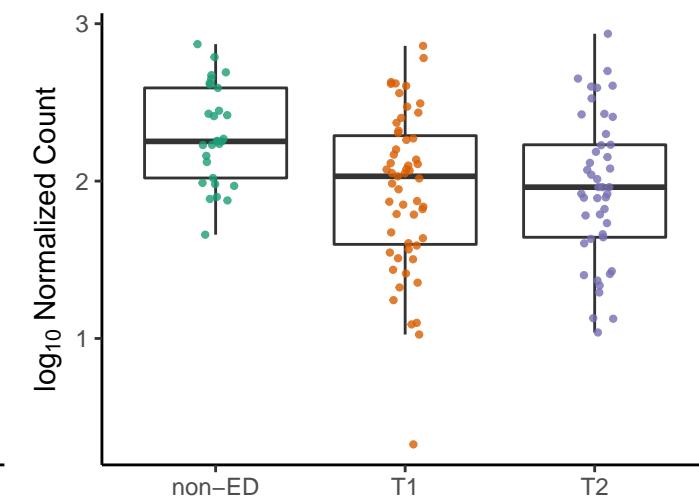
Methylocaldum

non-ED vs. T1 adjusted p = 0.022
 non-ED vs. T2 adjusted p = 0.0059
 T1 vs. T2 adjusted p = 0.89



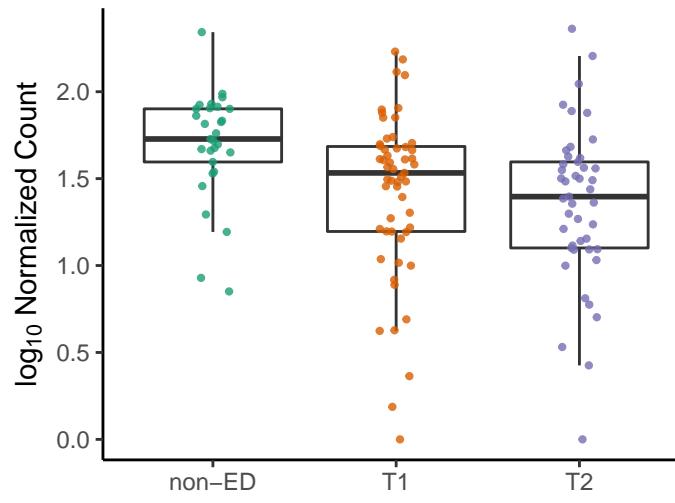
Singulisphaera

non-ED vs. T1 adjusted p = 0.0034
 non-ED vs. T2 adjusted p = 0.0059
 T1 vs. T2 adjusted p = 0.9



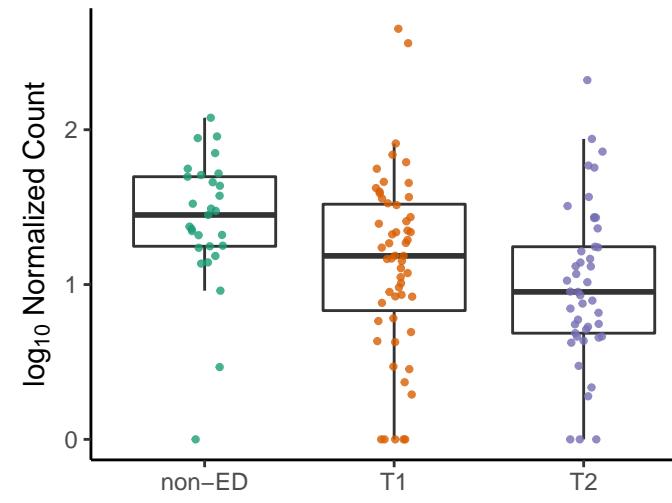
Kingella

non-ED vs. T1 adjusted p = 0.0086
 non-ED vs. T2 adjusted p = 0.006
 T1 vs. T2 adjusted p = 1



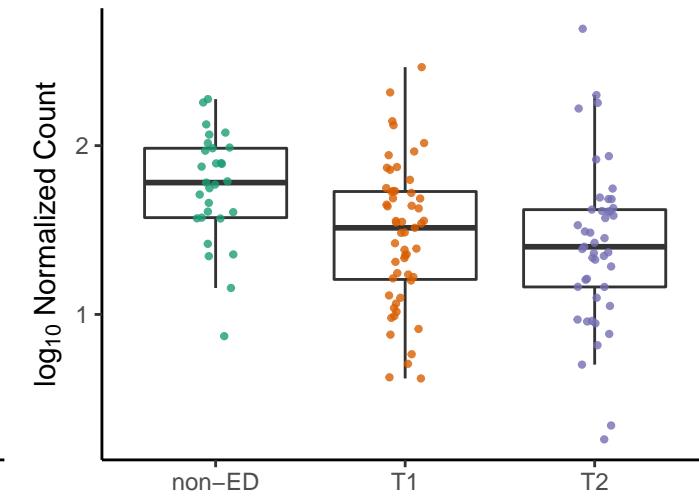
Methanothermus

non-ED vs. T1 adjusted p = 0.03
 non-ED vs. T2 adjusted p = 0.0061
 T1 vs. T2 adjusted p = 0.79



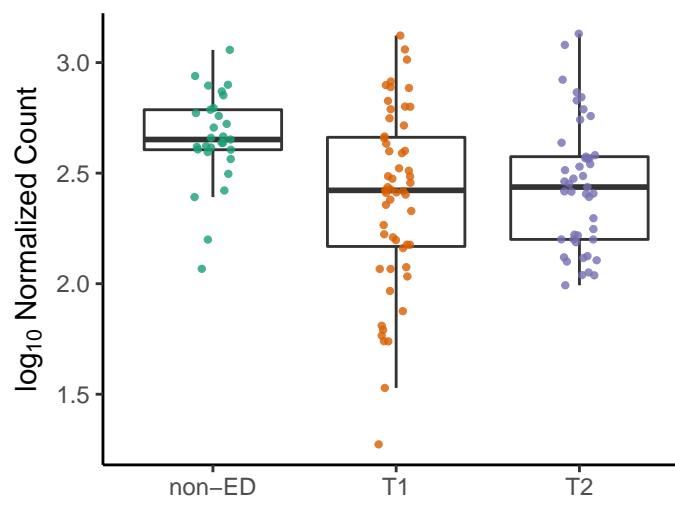
Nodularia

non-ED vs. T1 adjusted p = 0.0053
 non-ED vs. T2 adjusted p = 0.0061
 T1 vs. T2 adjusted p = 0.87



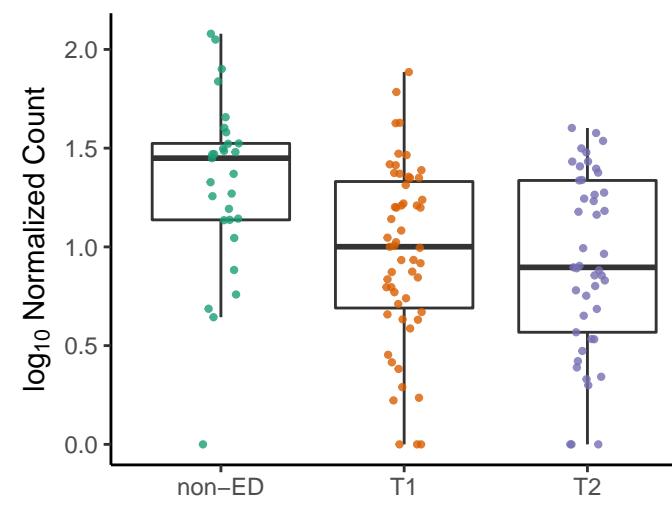
Alcaligenes

non-ED vs. T1 adjusted p = 0.003
 non-ED vs. T2 adjusted p = 0.0062
 T1 vs. T2 adjusted p = 0.79



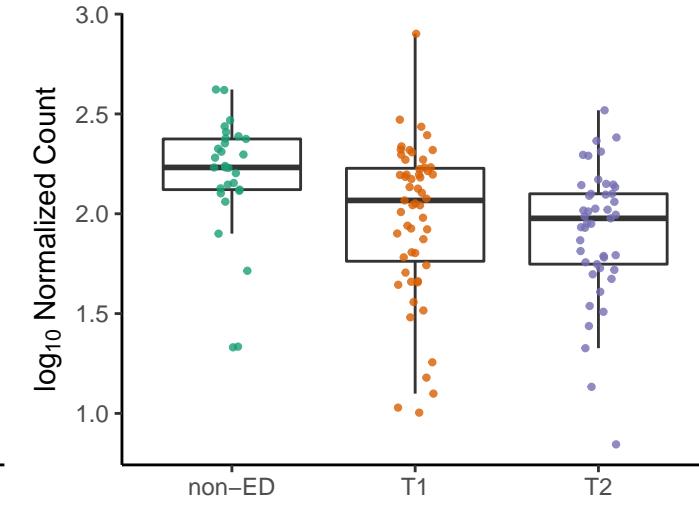
Frederiksenia

non-ED vs. T1 adjusted p = 0.0055
 non-ED vs. T2 adjusted p = 0.0062
 T1 vs. T2 adjusted p = 0.89



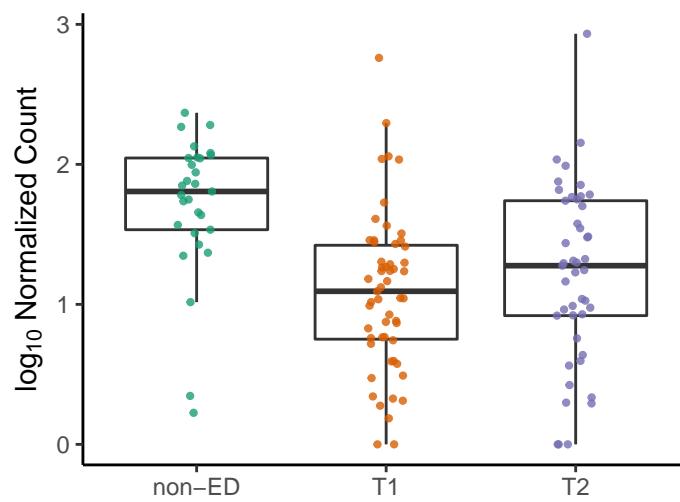
Kangiella

non-ED vs. T1 adjusted p = 0.017
 non-ED vs. T2 adjusted p = 0.0062
 T1 vs. T2 adjusted p = 0.8



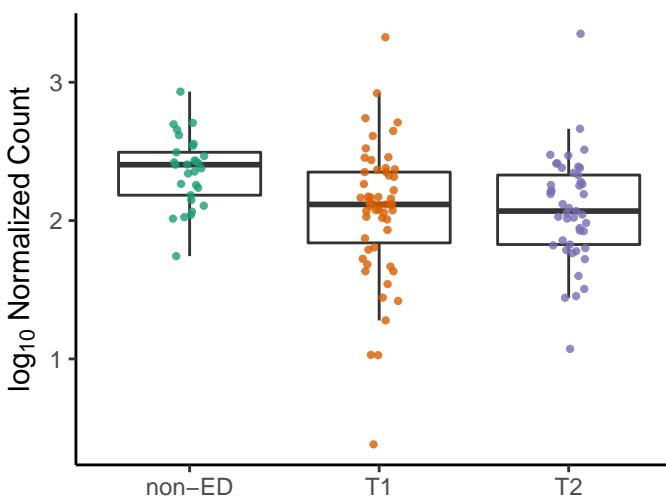
Unclassified Veillonellaceae Family

non-ED vs. T1 adjusted p = 0.00083
non-ED vs. T2 adjusted p = 0.0062
T1 vs. T2 adjusted p = 0.79



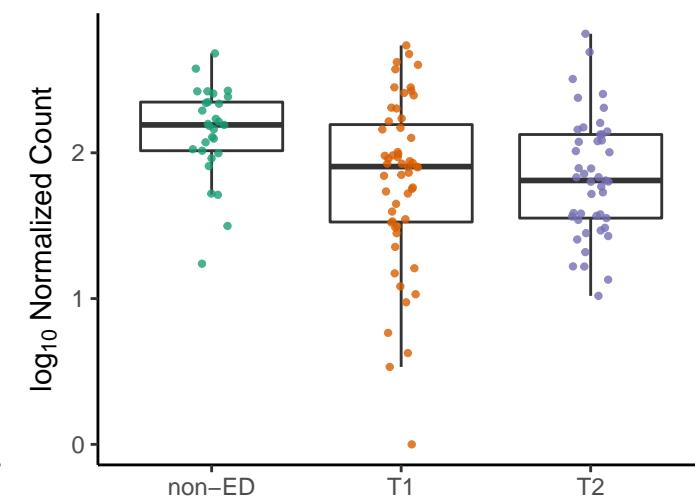
Brucella

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.0063
T1 vs. T2 adjusted p = 0.8



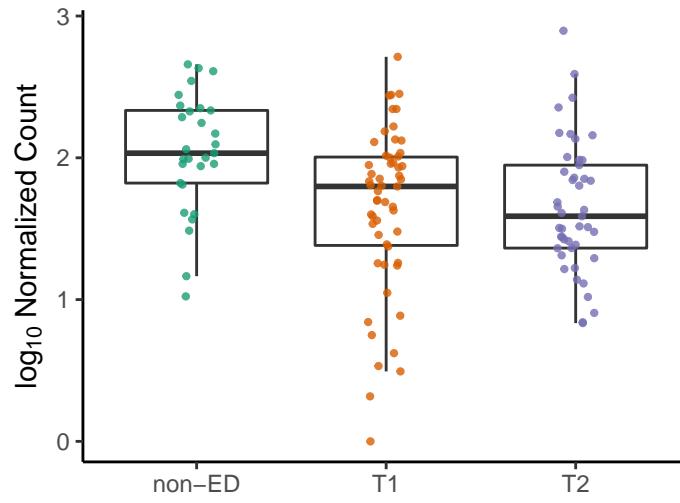
Epibacterium

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.0063
T1 vs. T2 adjusted p = 0.89



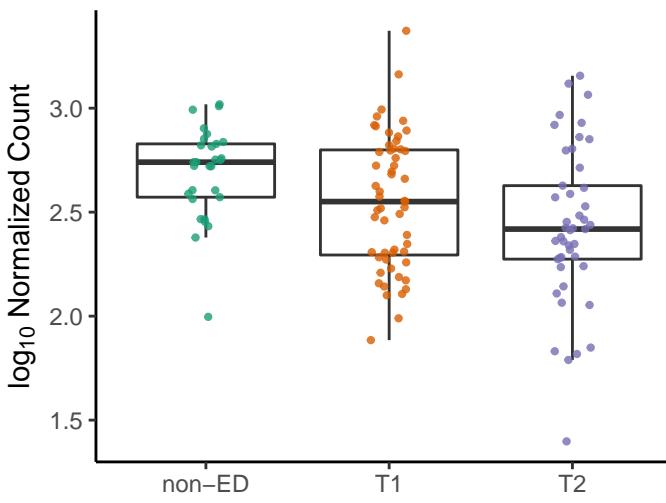
Gallaecimonas

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.0063
T1 vs. T2 adjusted p = 0.97



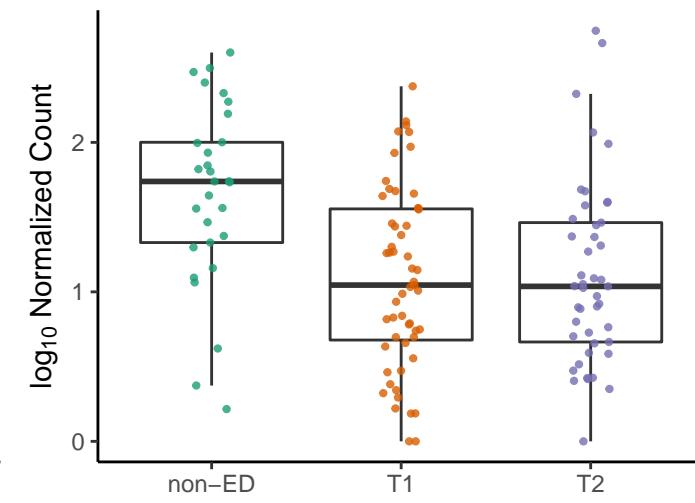
Tenacibaculum

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.0063
T1 vs. T2 adjusted p = 0.79



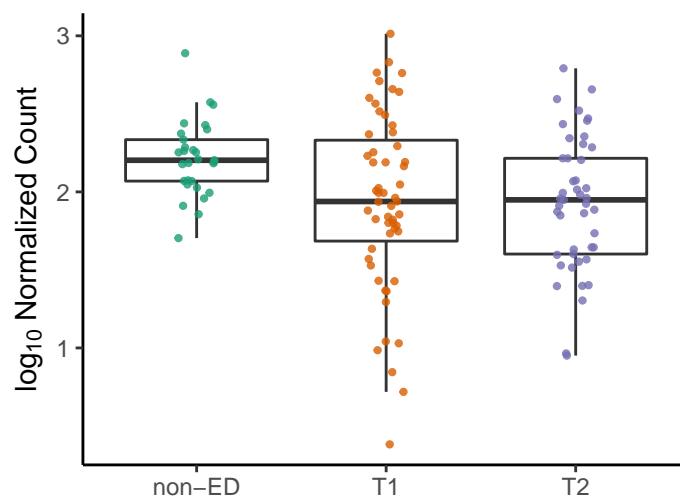
Unclassified Synechococcales Order

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0063
T1 vs. T2 adjusted p = 0.94



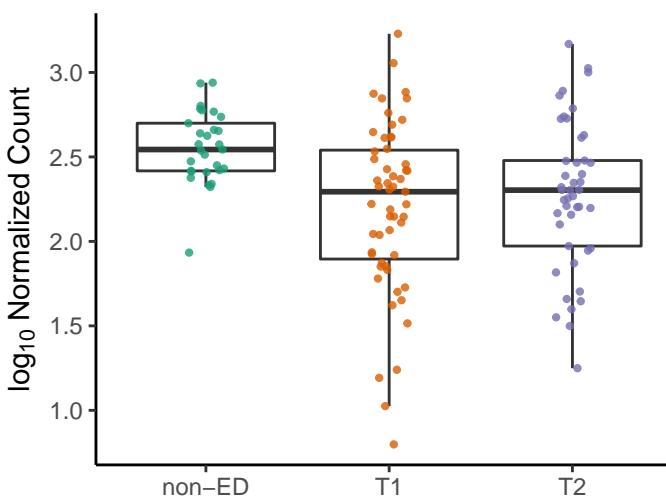
Ereboglobus

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.0065
T1 vs. T2 adjusted p = 1



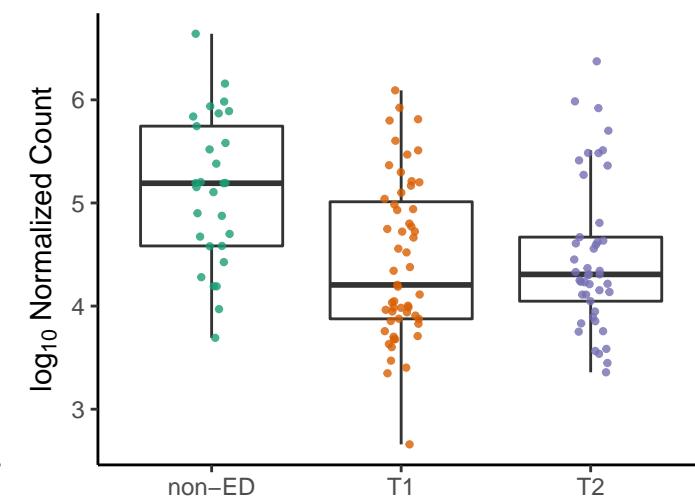
Pseudoxanthomonas

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0065
T1 vs. T2 adjusted p = 0.79



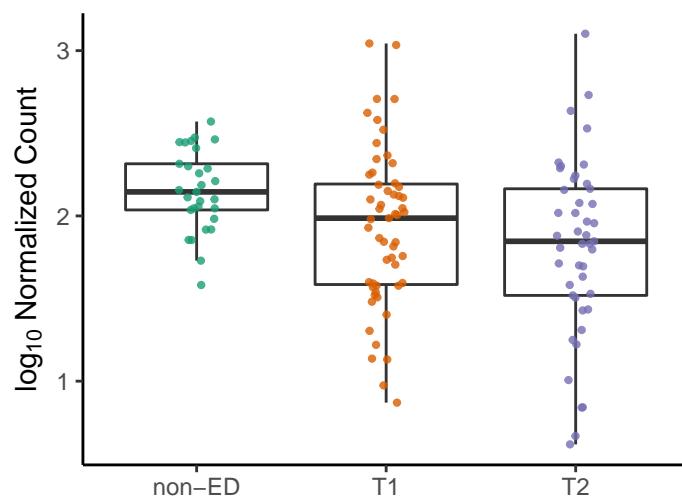
Ruminococcus

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0065
T1 vs. T2 adjusted p = 1



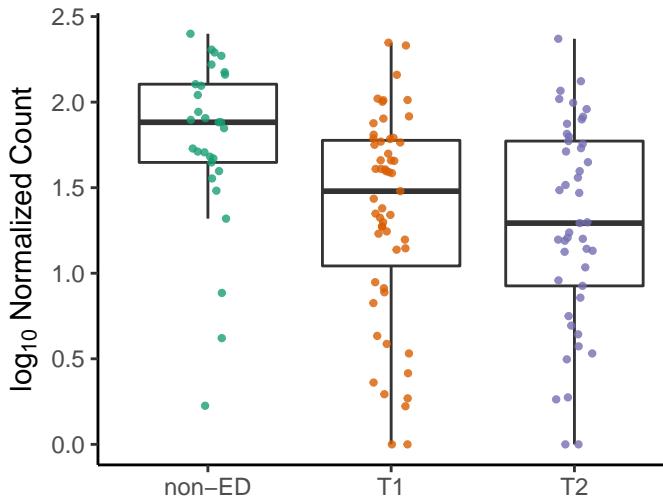
Unclassified Oxalobacteraceae Family

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.0065
T1 vs. T2 adjusted p = 0.79



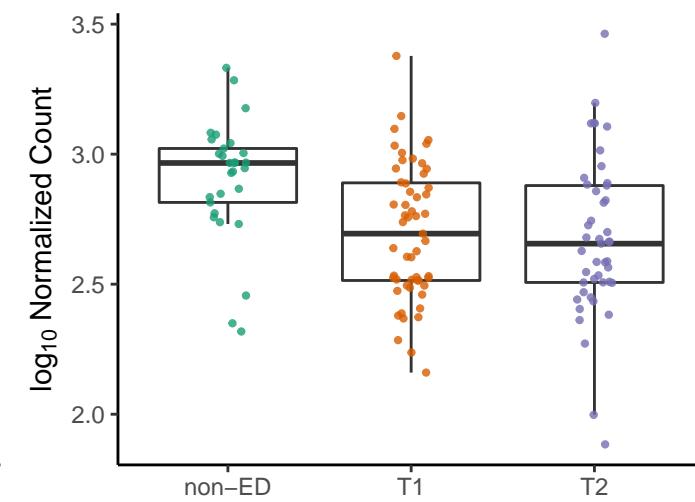
Unclassified Rhodanobacteraceae Fam

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.0065
T1 vs. T2 adjusted p = 0.91



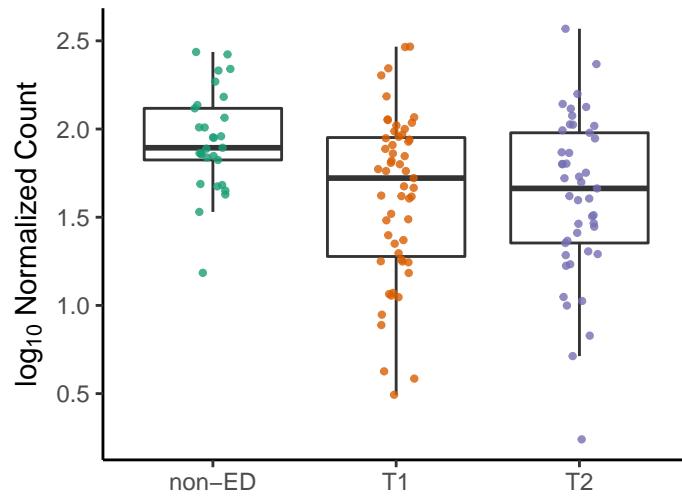
Aerococcus

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.97



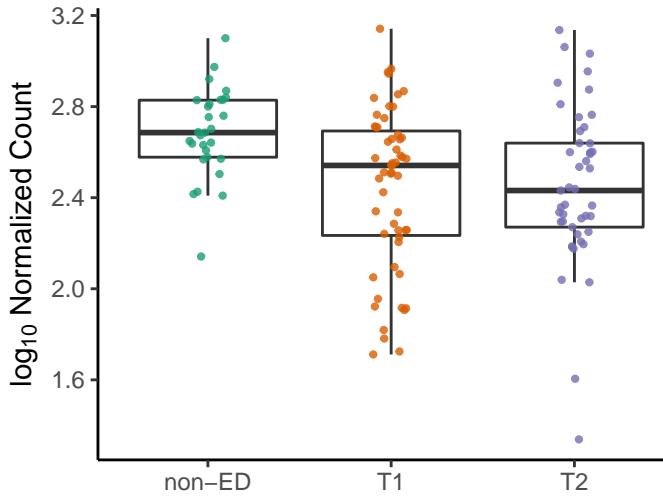
Anaplasma

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.89



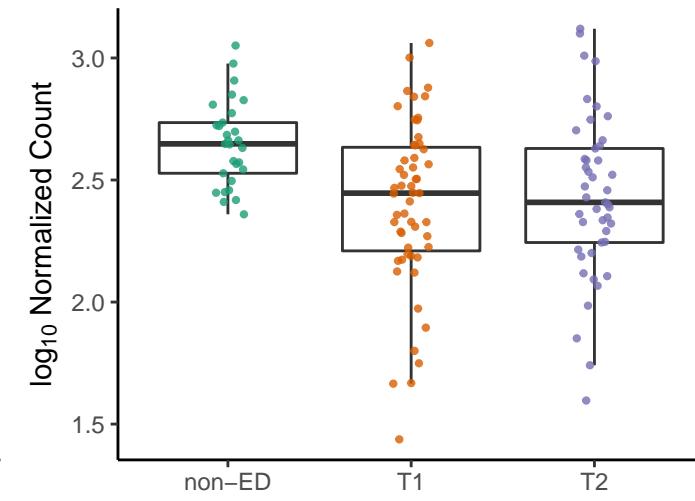
Chlorobium

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.81



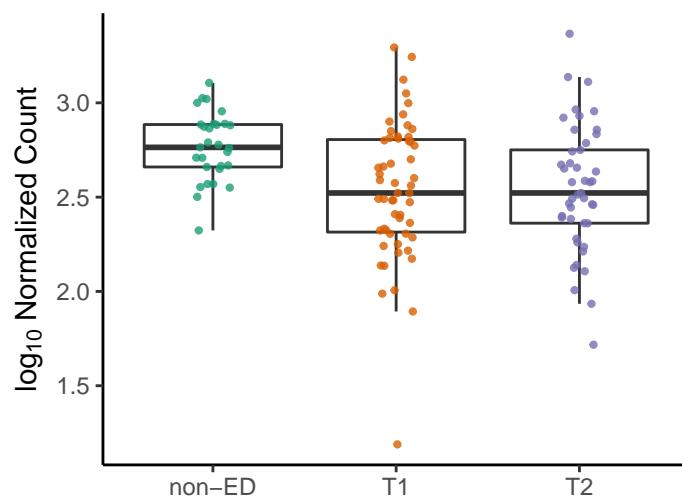
Desulfallas

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.9



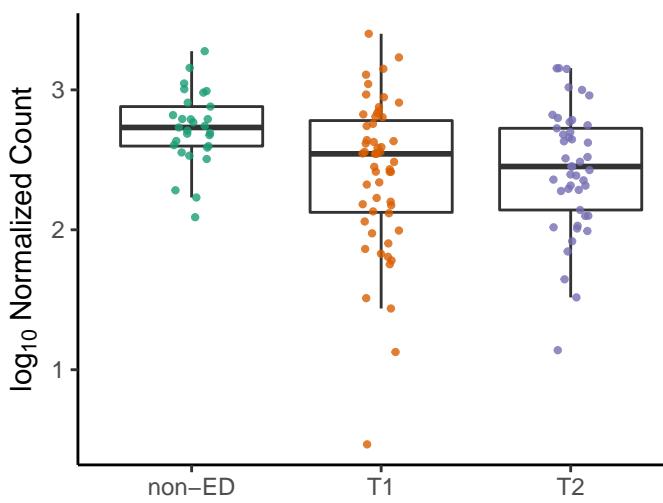
Glutamicibacter

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.82



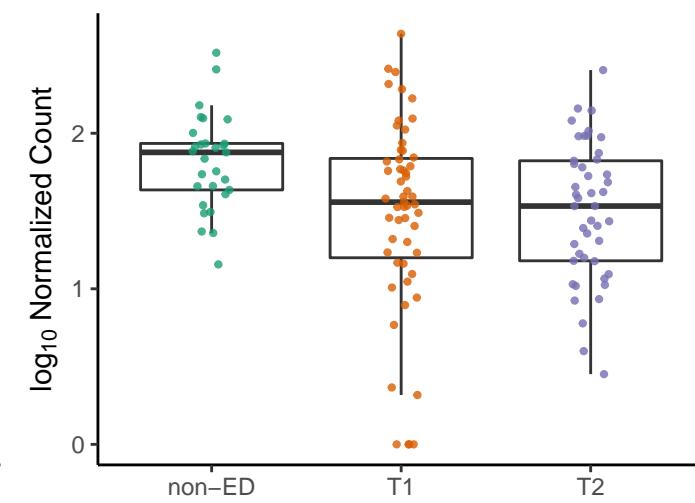
Opitutus

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.8



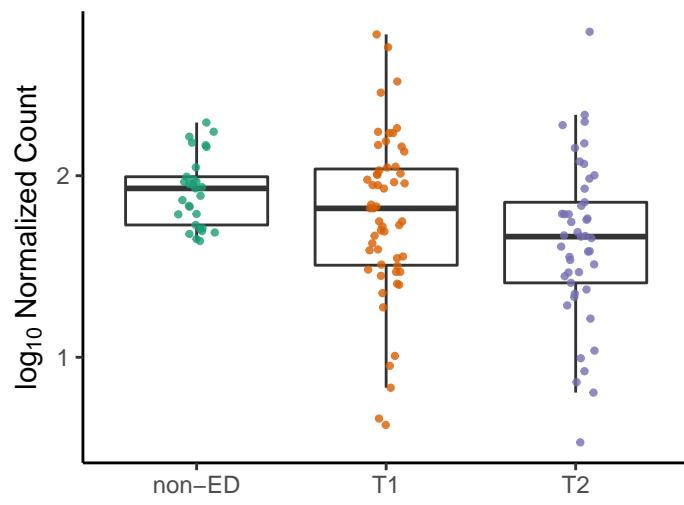
Unclassified Planctomycetia Class

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.79



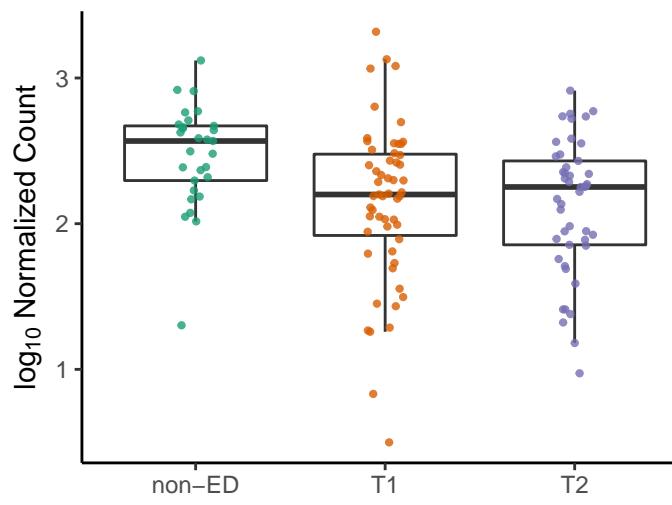
Arenibacter

non-ED vs. T1 adjusted p = 0.079
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.79



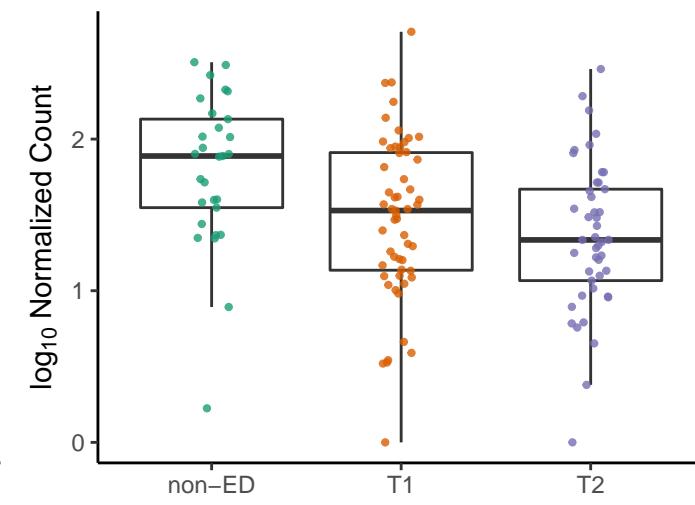
Propionimicrobium

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.0068
T1 vs. T2 adjusted p = 0.93



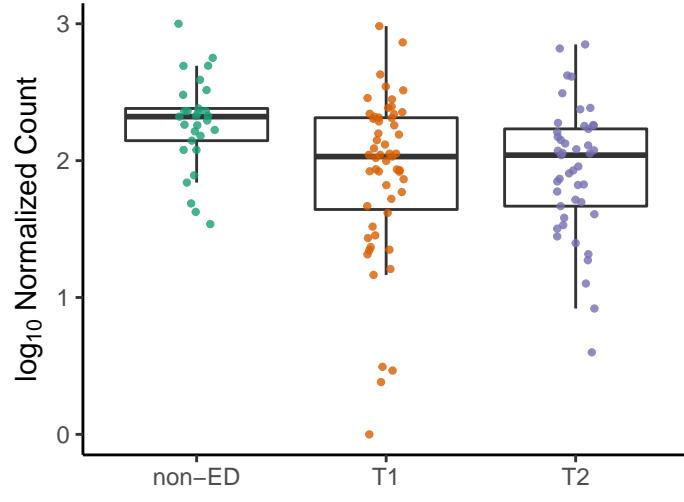
Sneathia

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.0069
T1 vs. T2 adjusted p = 0.79



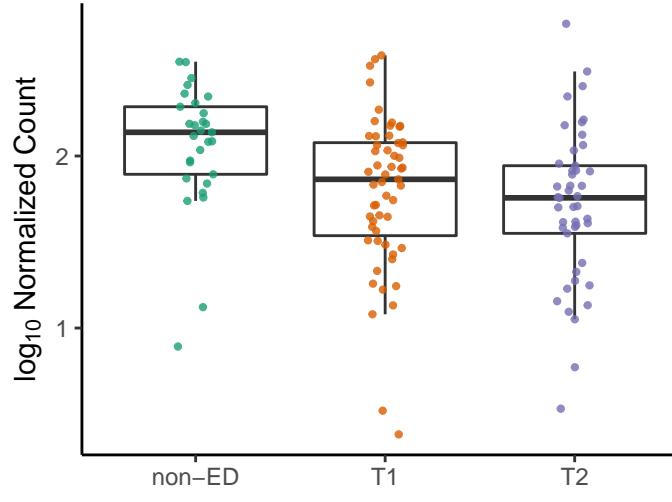
Alkalilimnicola

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.0071
T1 vs. T2 adjusted p = 0.79



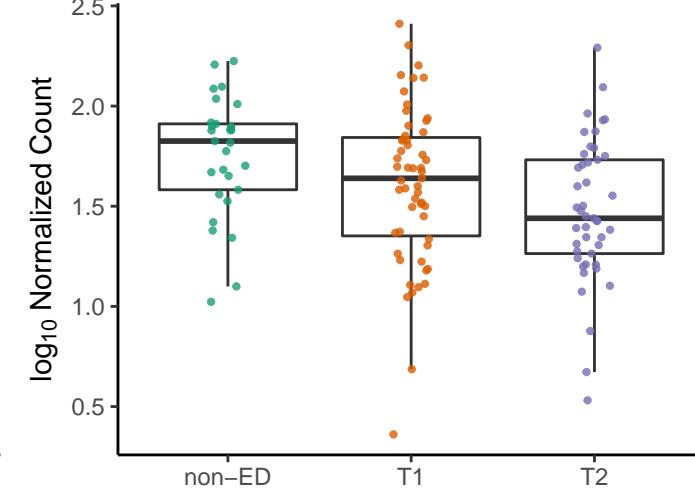
Catenovulum

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.0071
T1 vs. T2 adjusted p = 0.79



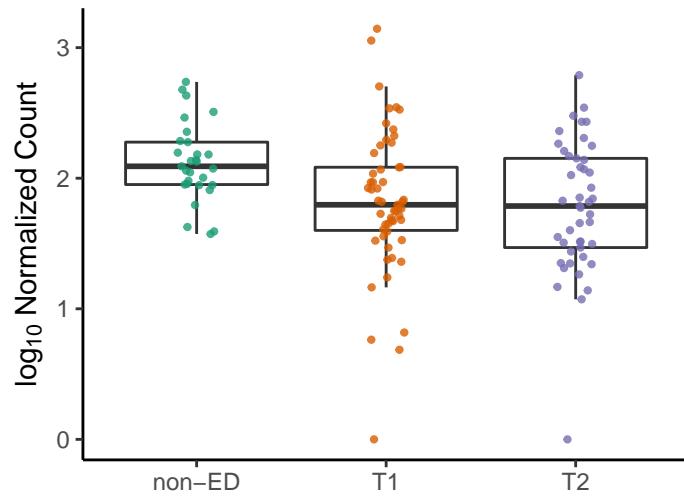
Dolosigranulum

non-ED vs. T1 adjusted p = 0.08
non-ED vs. T2 adjusted p = 0.0071
T1 vs. T2 adjusted p = 0.79



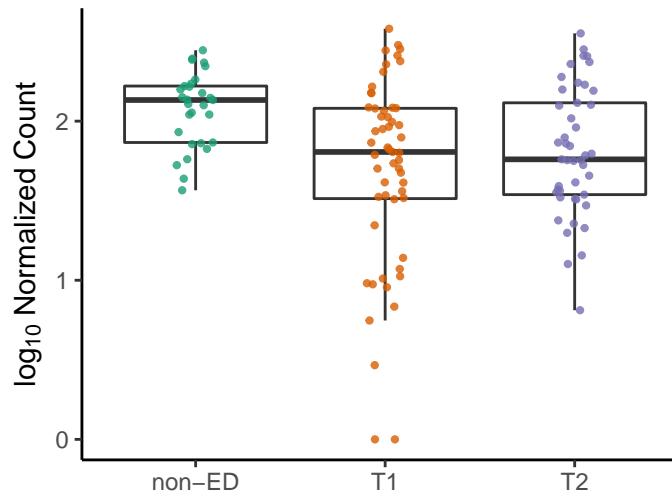
Fuerstia

non-ED vs. T1 adjusted p = 0.0079
non-ED vs. T2 adjusted p = 0.0071
T1 vs. T2 adjusted p = 1



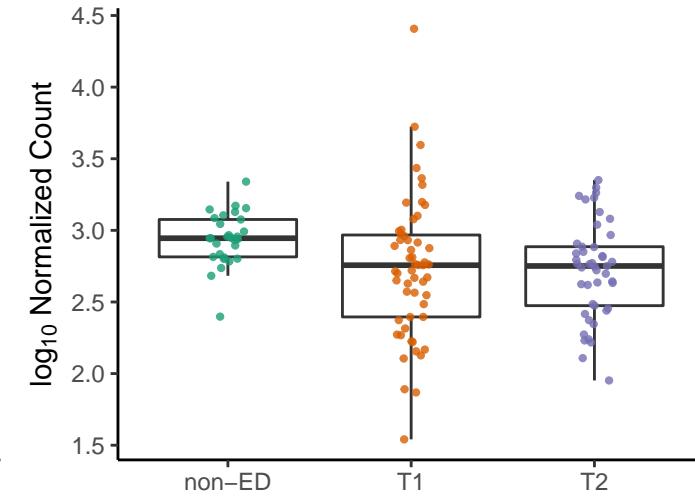
Roseimaritima

non-ED vs. T1 adjusted p = 0.0027
non-ED vs. T2 adjusted p = 0.0071
T1 vs. T2 adjusted p = 0.79



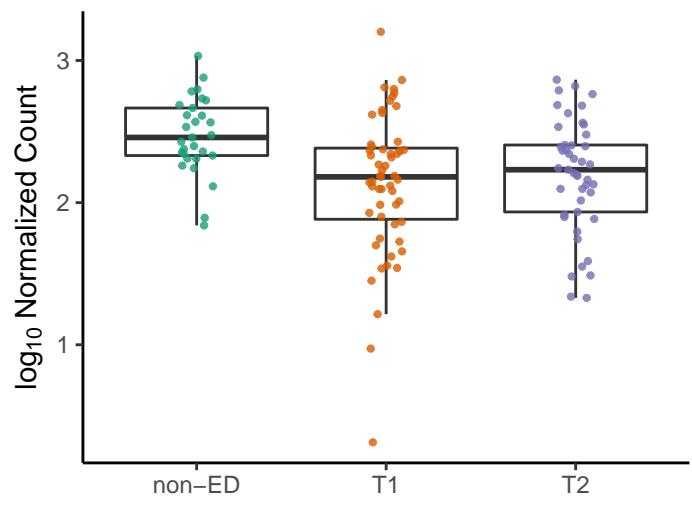
Comamonas

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



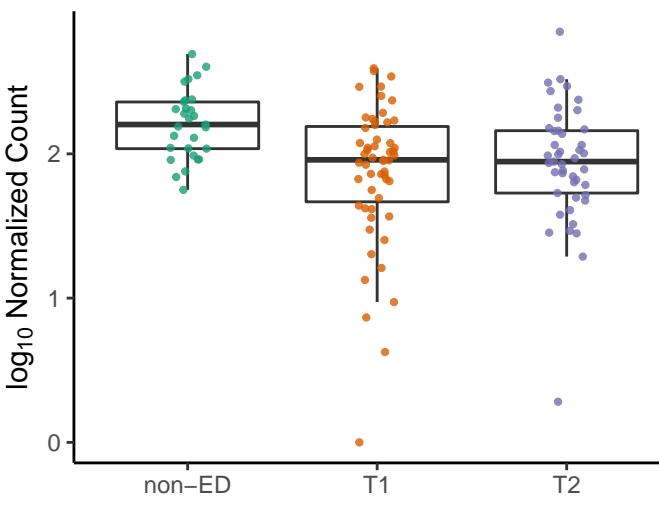
Tepidiforma

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0074
T1 vs. T2 adjusted p = 0.79



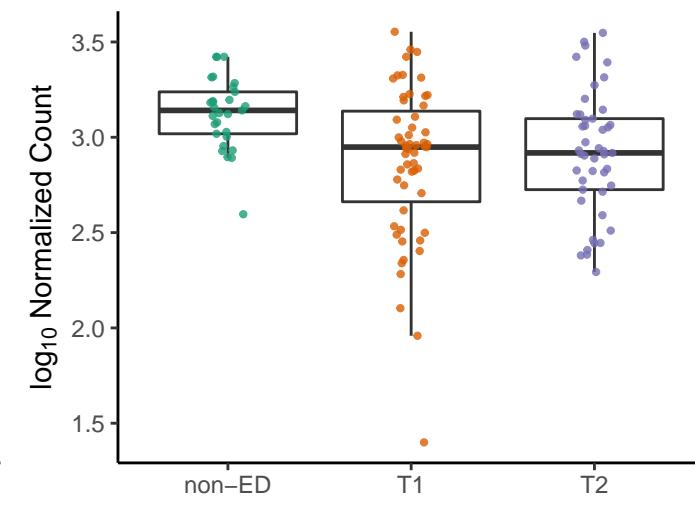
Thioflavicoccus

non-ED vs. T1 adjusted p = 0.0026
non-ED vs. T2 adjusted p = 0.0076
T1 vs. T2 adjusted p = 0.79



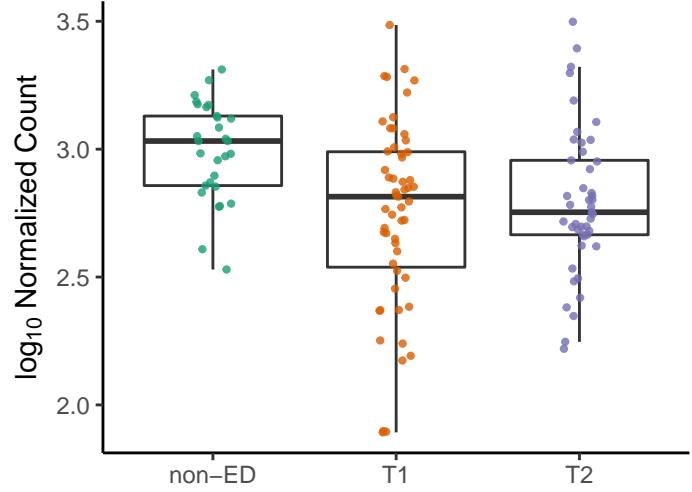
Brevibacterium

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0077
T1 vs. T2 adjusted p = 0.79



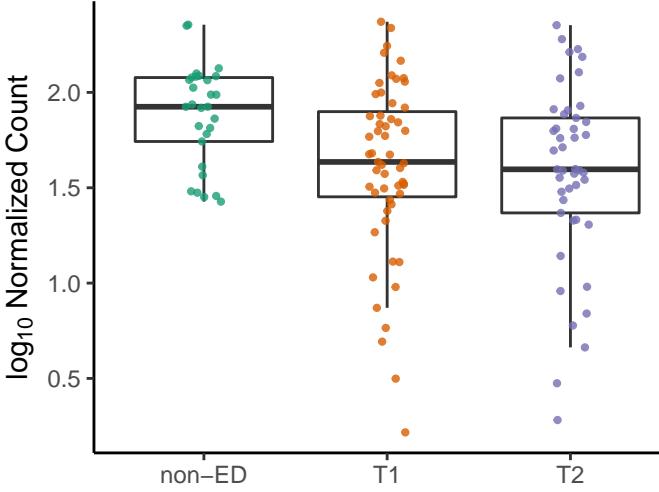
Acetobacter

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0078
T1 vs. T2 adjusted p = 0.79



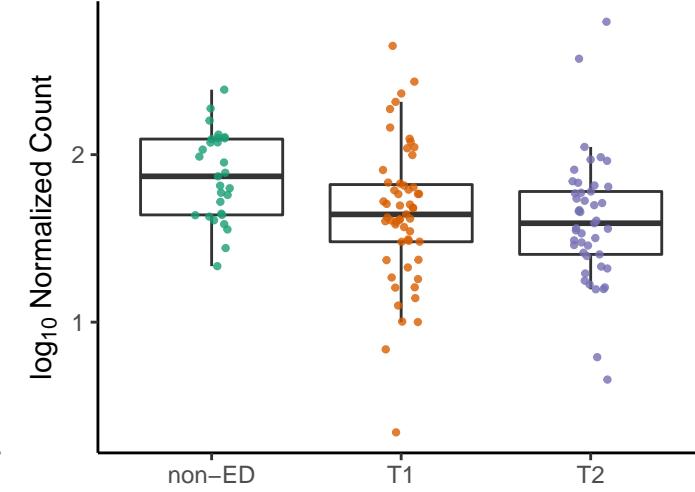
Saliniradius

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.0078
T1 vs. T2 adjusted p = 0.96



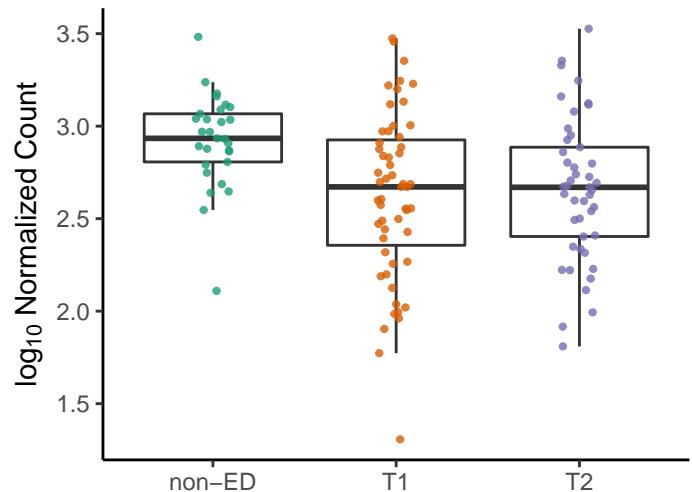
Snodgrassella

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.0078
T1 vs. T2 adjusted p = 0.83



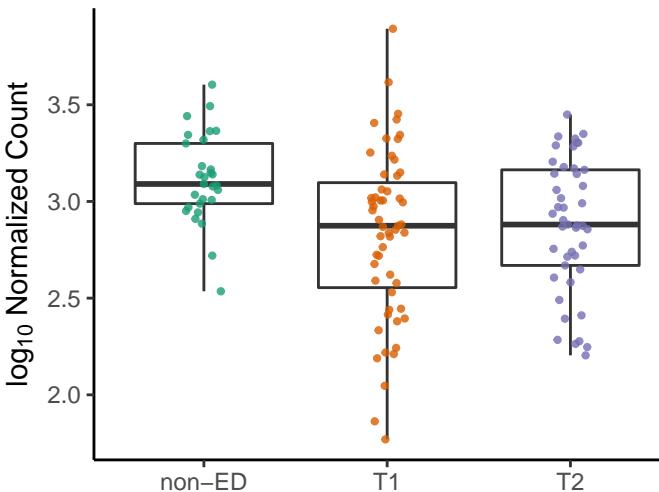
Thauera

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0078
T1 vs. T2 adjusted p = 0.79



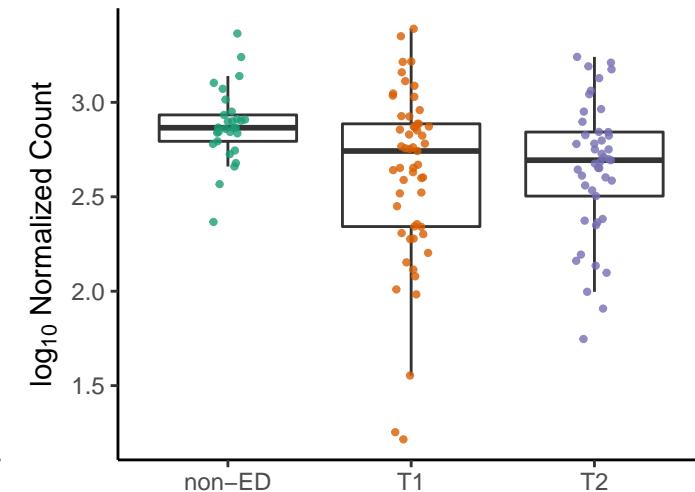
Unclassified Mycobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.0078
T1 vs. T2 adjusted p = 0.79



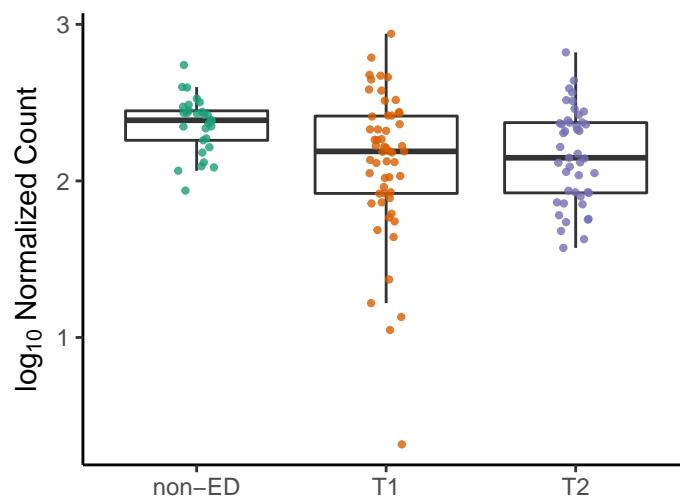
Magnetospirillum

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.0081
T1 vs. T2 adjusted p = 0.8



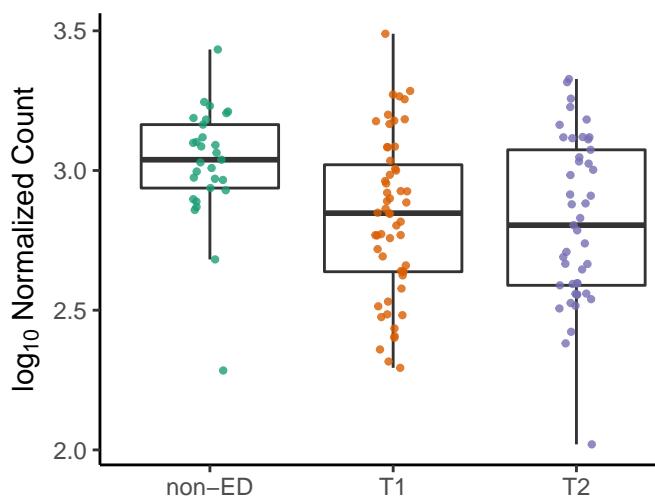
Paraocceanicella

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.0081
T1 vs. T2 adjusted p = 0.8



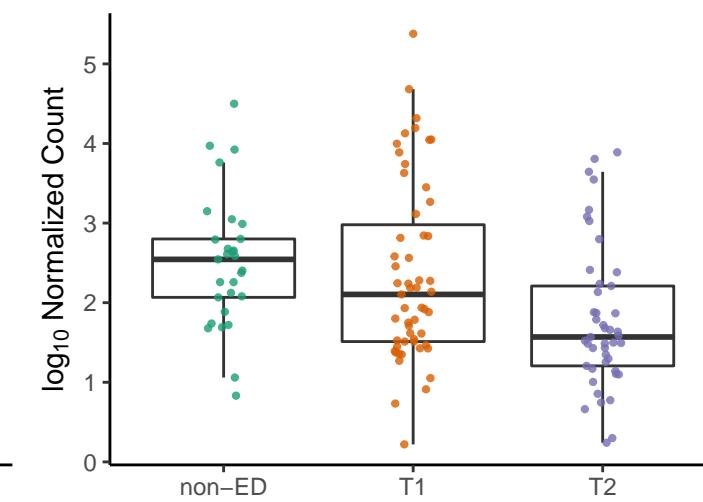
Nostoc

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.0082
T1 vs. T2 adjusted p = 1



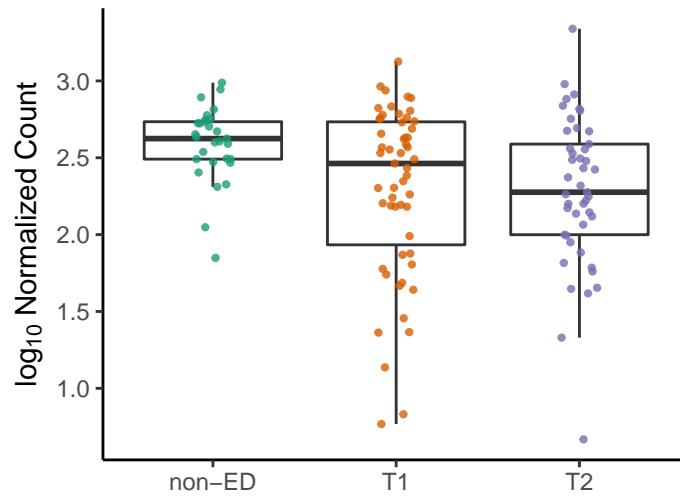
Shigella

non-ED vs. T1 adjusted p = 0.49
non-ED vs. T2 adjusted p = 0.0082
T1 vs. T2 adjusted p = 0.51



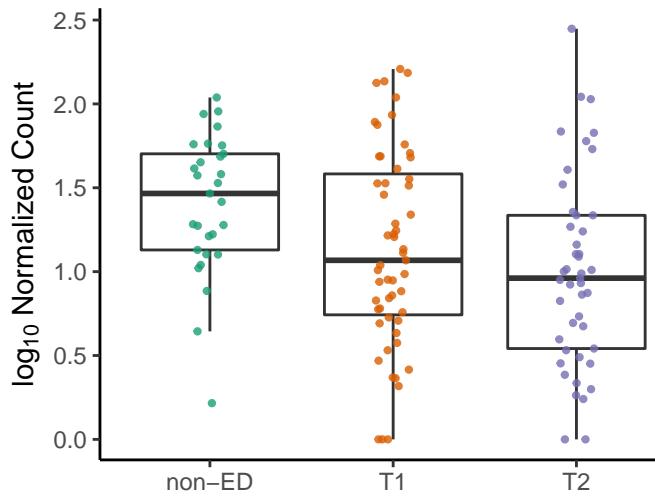
Unclassified Desulfovibrionaceae Famil

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.0082
T1 vs. T2 adjusted p = 0.9



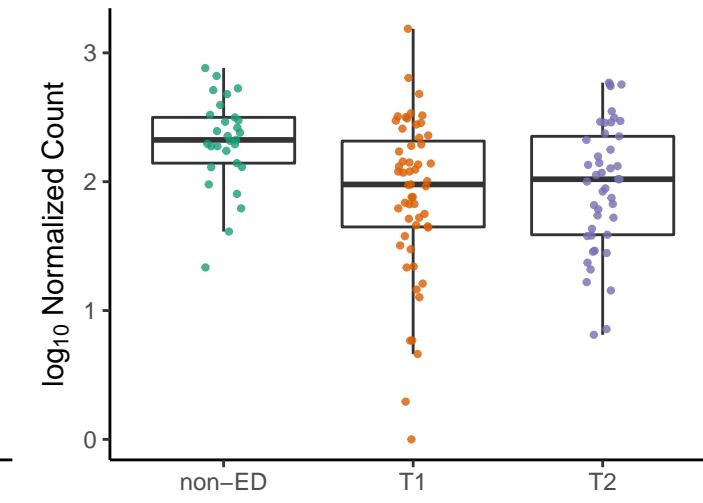
Unclassified Syntrophomonadaceae Fa

non-ED vs. T1 adjusted p = 0.032
non-ED vs. T2 adjusted p = 0.0082
T1 vs. T2 adjusted p = 0.79



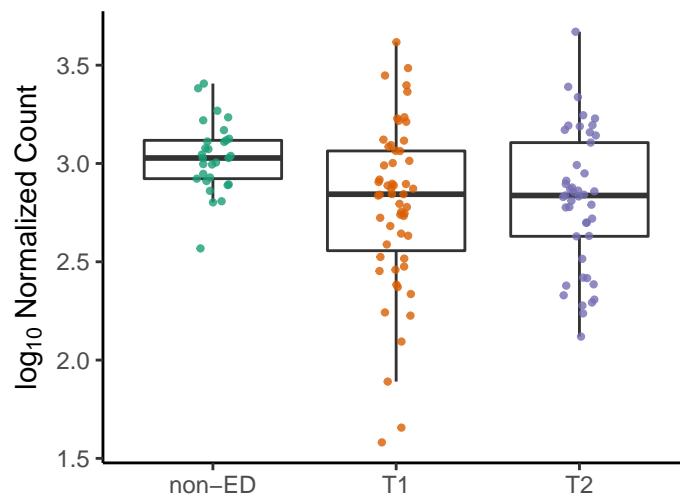
Minimonas

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0083
T1 vs. T2 adjusted p = 0.79



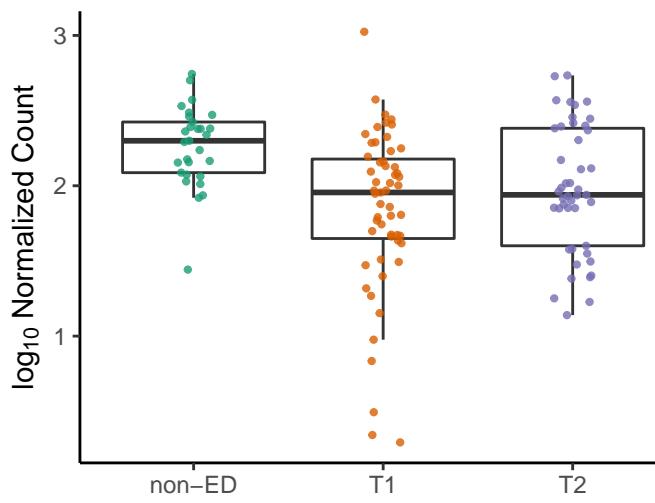
Pelobacter

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.0083
T1 vs. T2 adjusted p = 0.8



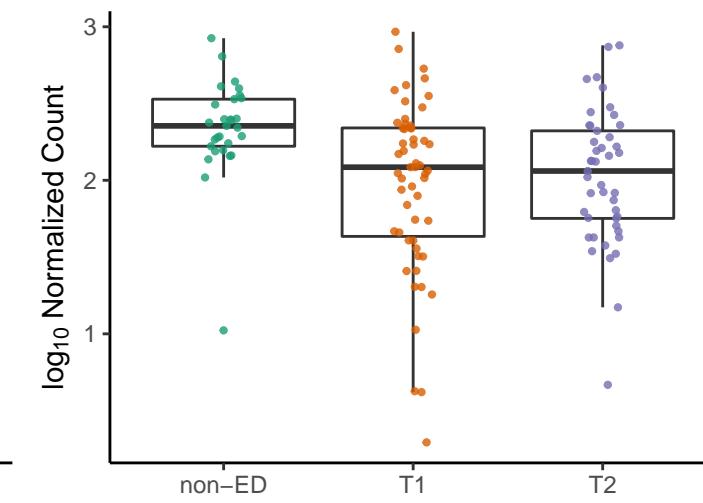
Marmoricola

non-ED vs. T1 adjusted p = 0.0011
non-ED vs. T2 adjusted p = 0.0084
T1 vs. T2 adjusted p = 0.79



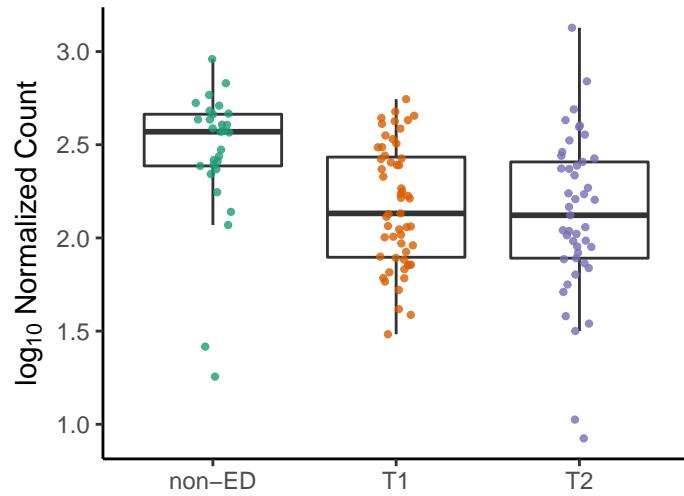
Thiohalobacter

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.0084
T1 vs. T2 adjusted p = 0.79



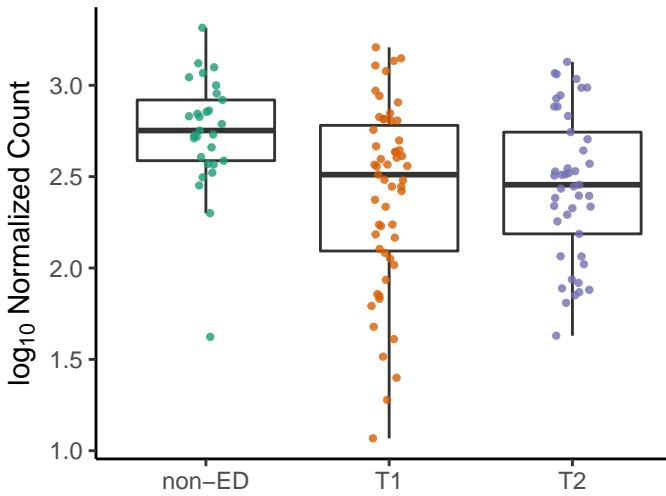
Wolbachia

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.0084
T1 vs. T2 adjusted p = 0.8



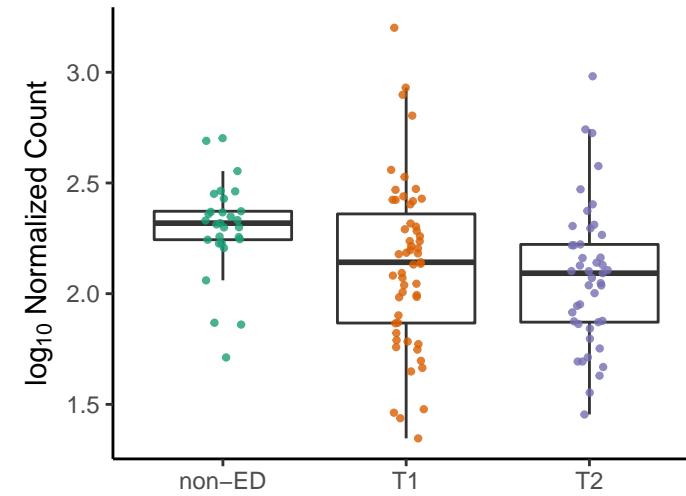
Unclassified Xanthomonadaceae Famil

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0085
T1 vs. T2 adjusted p = 0.79



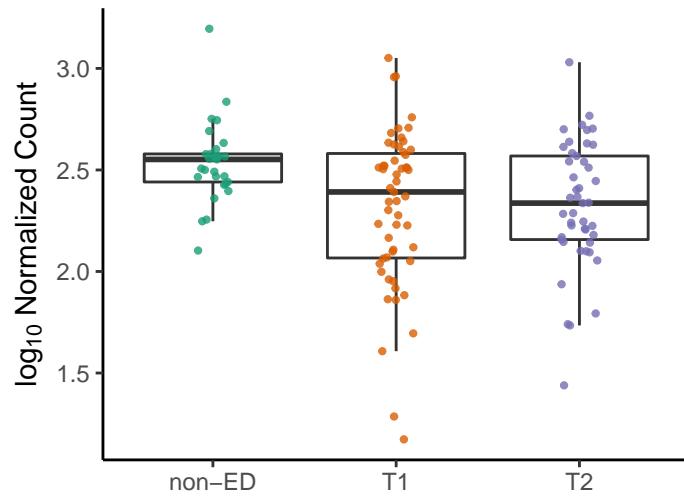
Advenella

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.0085
T1 vs. T2 adjusted p = 0.99



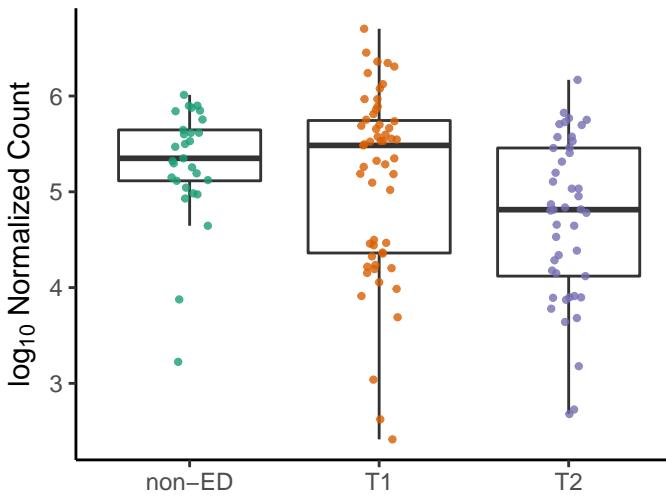
Thalassospira

non-ED vs. T1 adjusted p = 0.0054
non-ED vs. T2 adjusted p = 0.0086
T1 vs. T2 adjusted p = 0.9



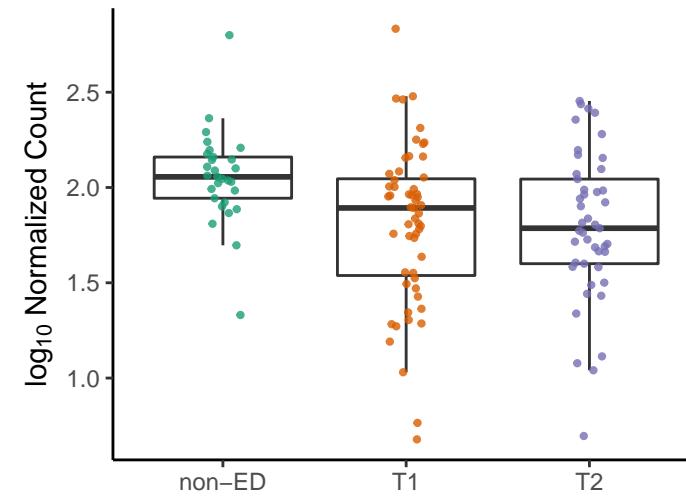
Alistipes

non-ED vs. T1 adjusted p = 0.34
non-ED vs. T2 adjusted p = 0.0086
T1 vs. T2 adjusted p = 0.51



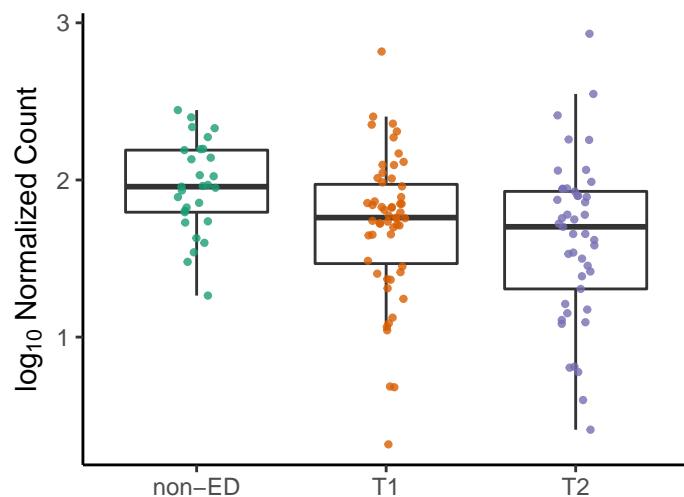
Crateriforma

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.0086
T1 vs. T2 adjusted p = 0.9



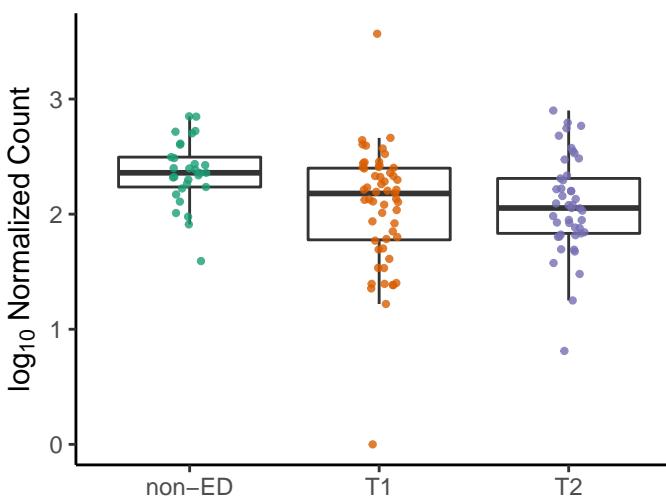
Parashewanella

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.0086
T1 vs. T2 adjusted p = 0.79



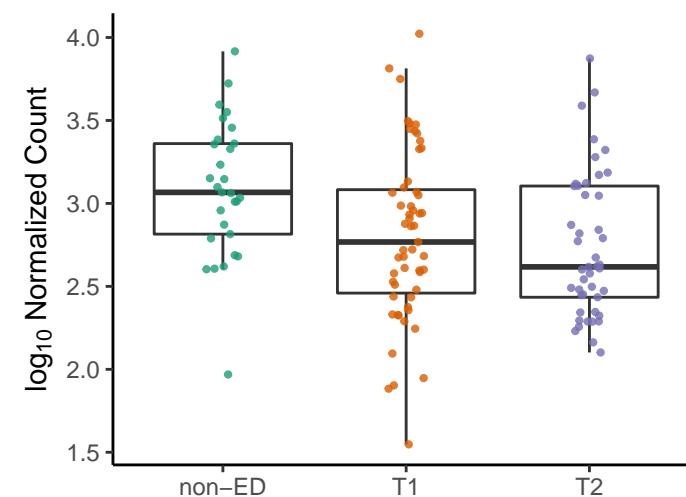
Vulgatibacter

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.0086
T1 vs. T2 adjusted p = 0.79



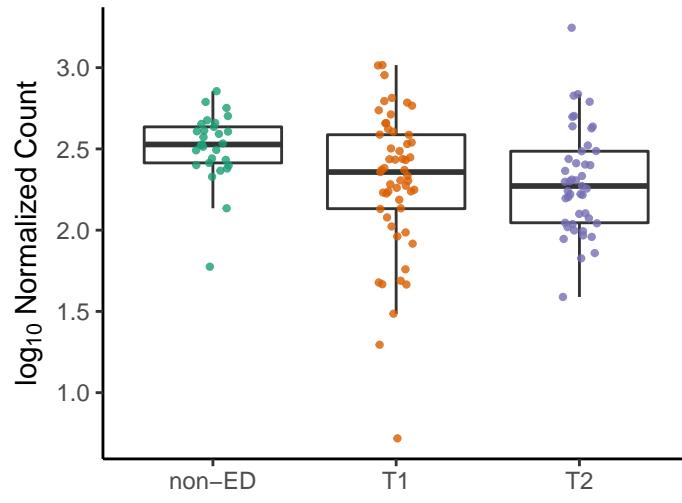
Gemella

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.0087
T1 vs. T2 adjusted p = 0.79



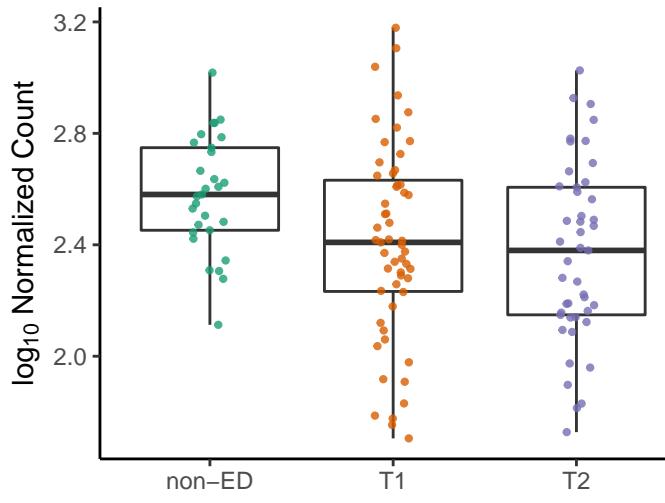
Fibrella

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.0088
T1 vs. T2 adjusted p = 0.95



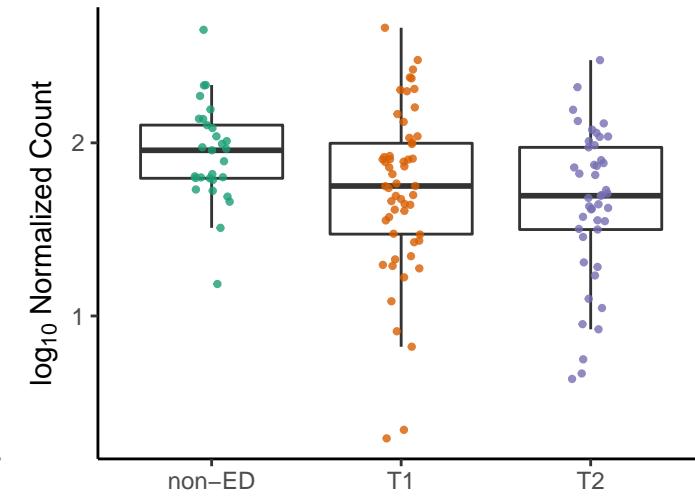
Flavisolibacter

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.0088
T1 vs. T2 adjusted p = 0.83



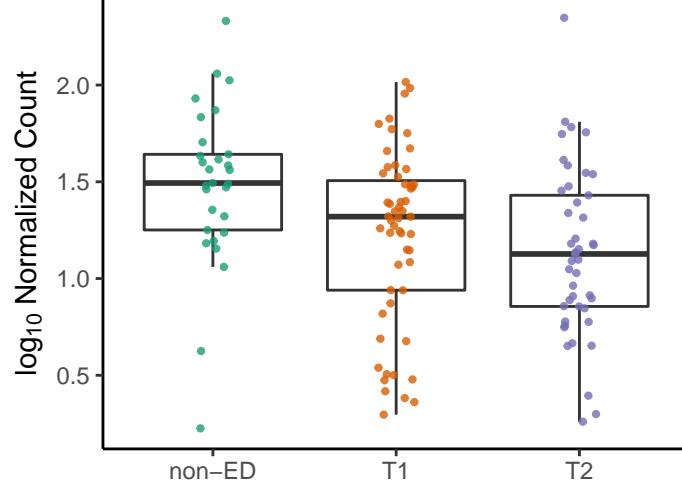
Halotalea

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.0088
T1 vs. T2 adjusted p = 0.82



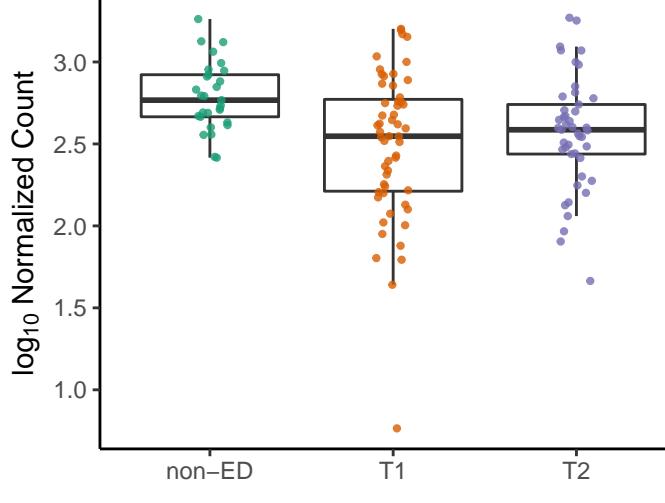
Aciduliprofundum

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.0092
T1 vs. T2 adjusted p = 0.79



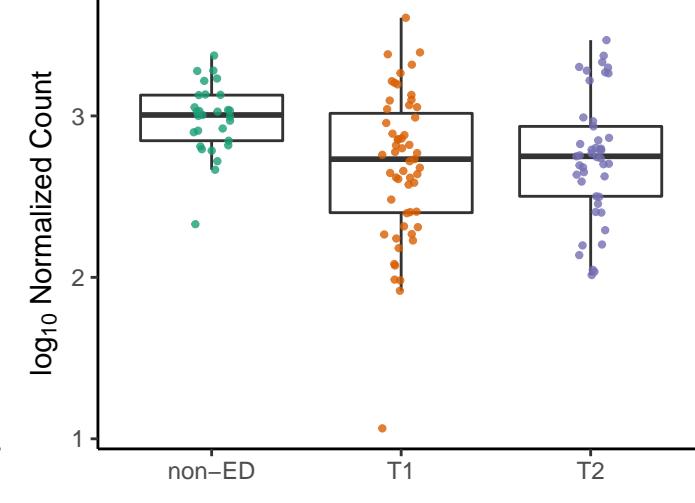
Acidipropionibacterium

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



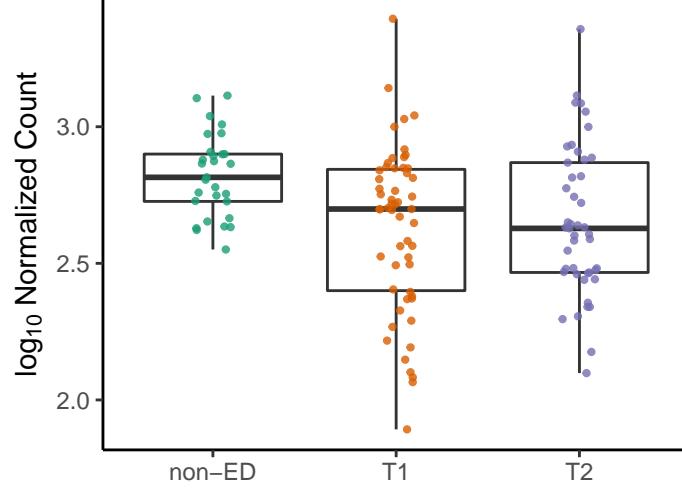
Altererythrobacter

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



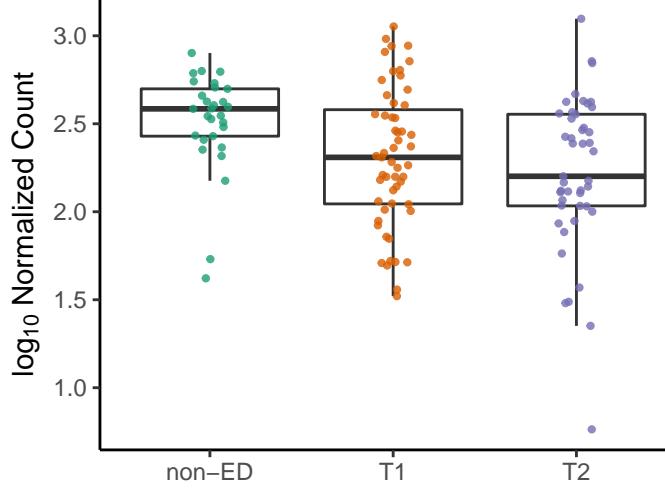
Alteromonas

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.83



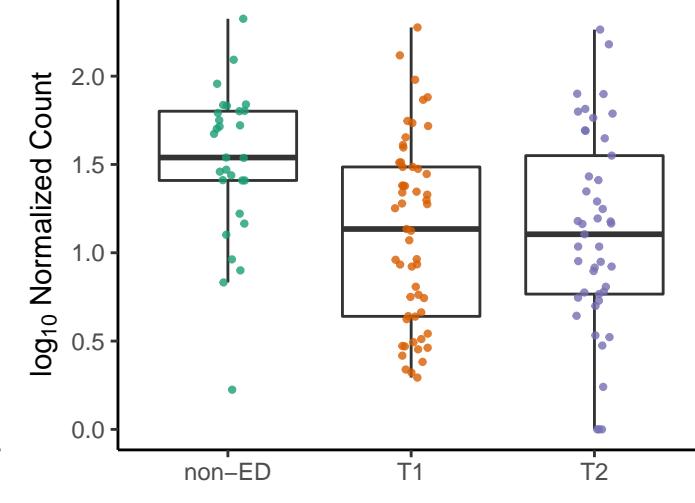
Borrelia

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



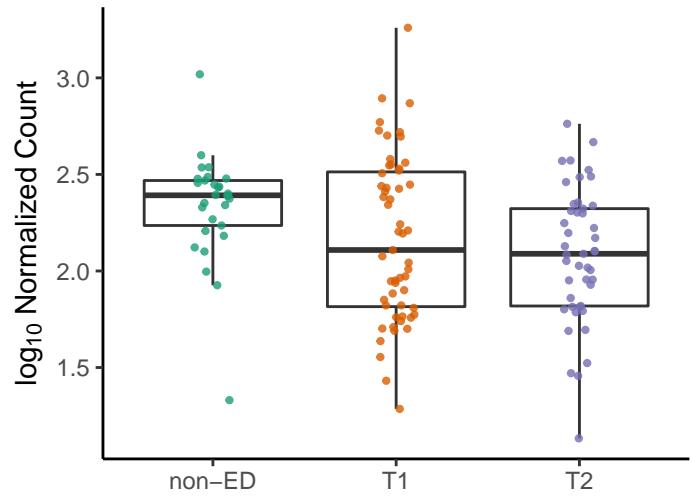
Candidatus Phycorickettsia

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.92



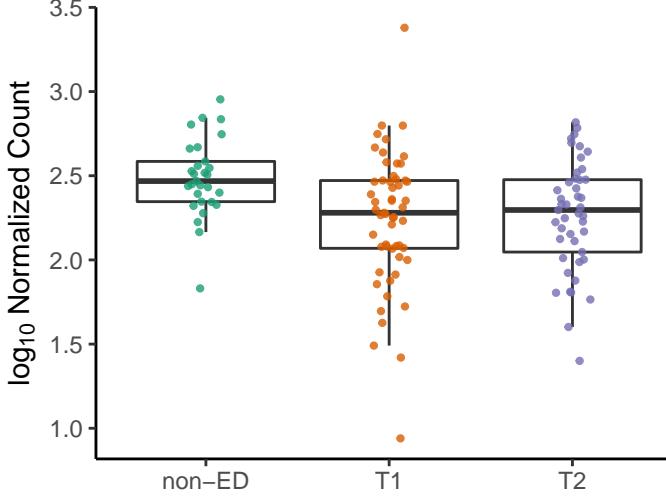
Ezakiella

non-ED vs. T1 adjusted p = 0.053
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



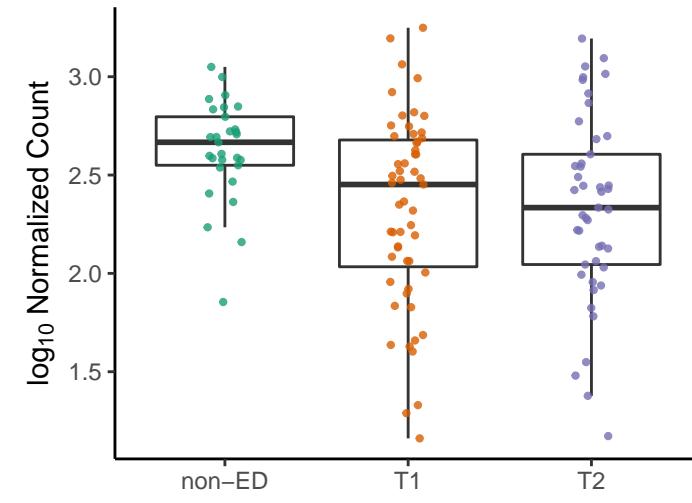
Granulibacter

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



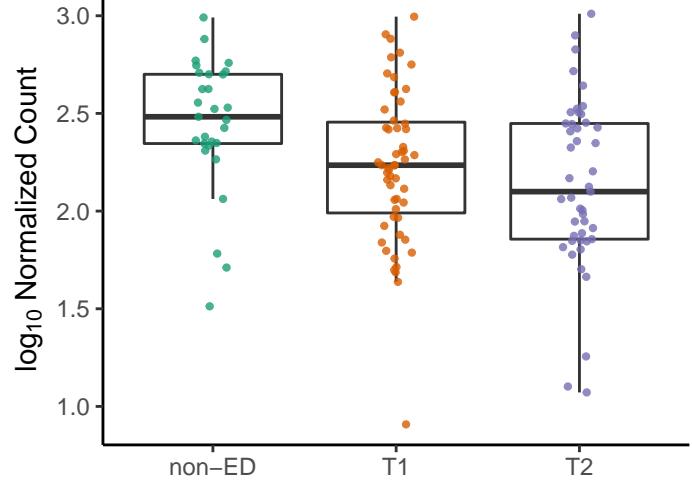
Haliangium

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.81



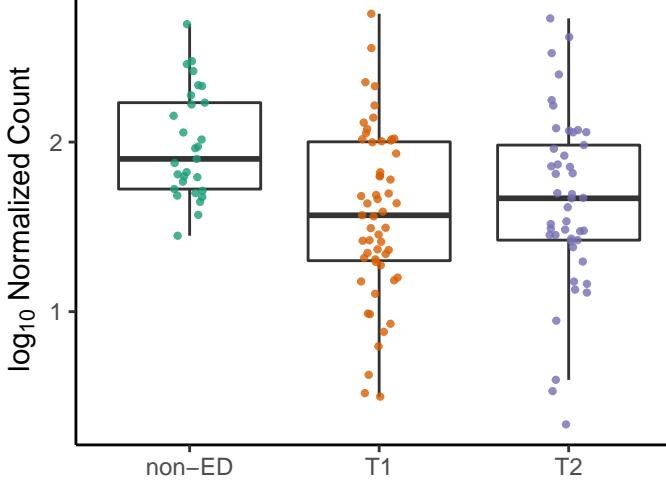
Hathewaya

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



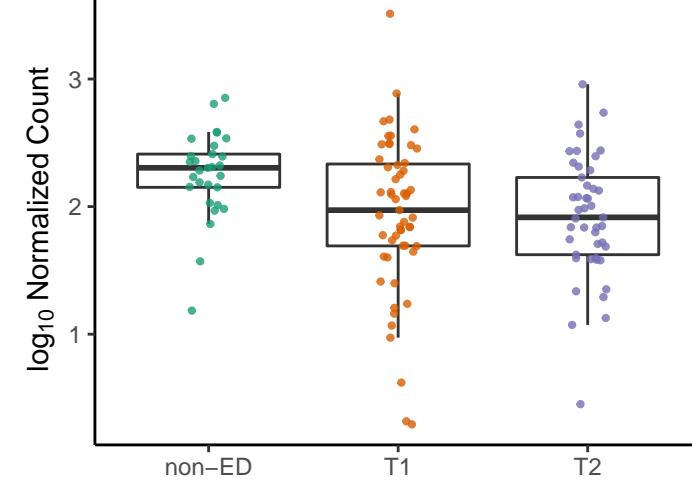
Lentilitoribacter

non-ED vs. T1 adjusted p = 0.0019
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.8



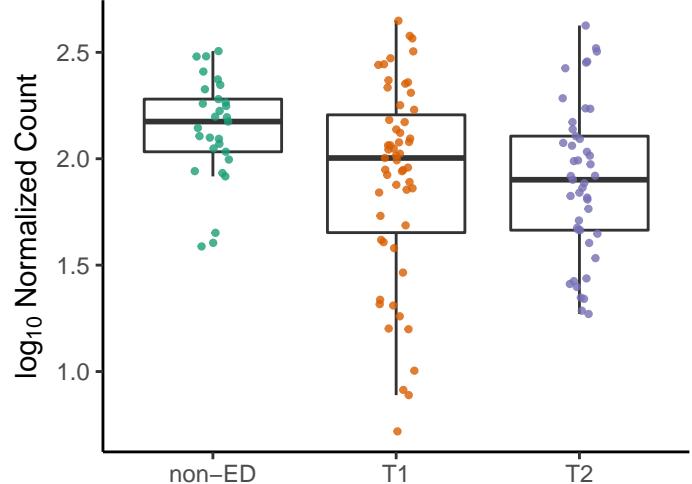
Melaminivora

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.83



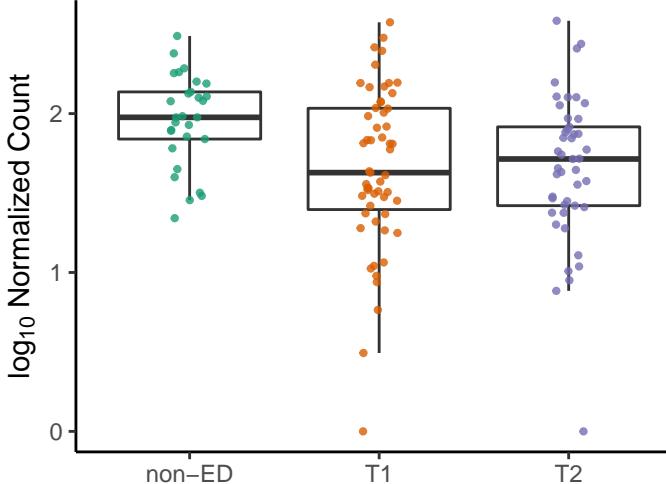
Niveispirillum

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 1



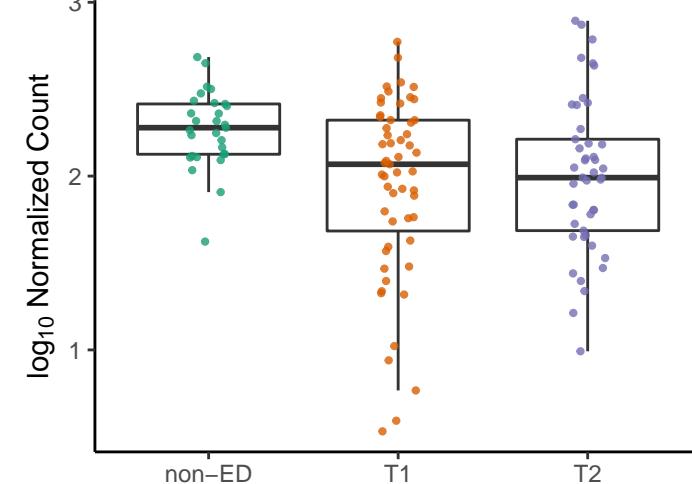
Pseudolysobacter

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 1



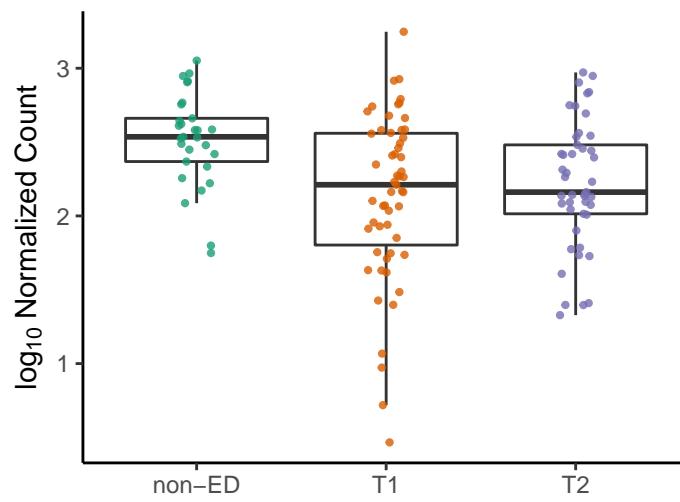
Roseateles

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.82



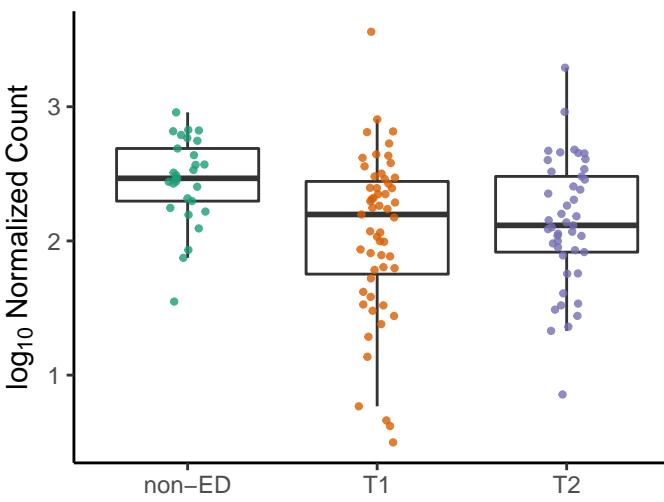
Sanguibacter

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



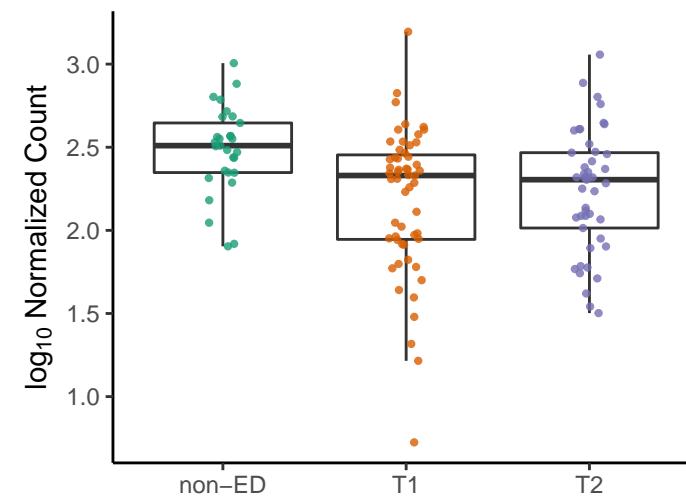
Streptacidiphilus

non-ED vs. T1 adjusted p = 0.0032
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



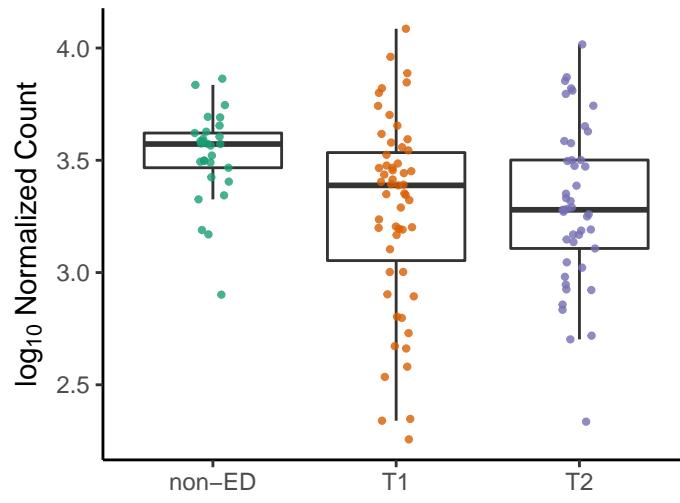
Sulfuriferula

non-ED vs. T1 adjusted p = 0.0032
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.8



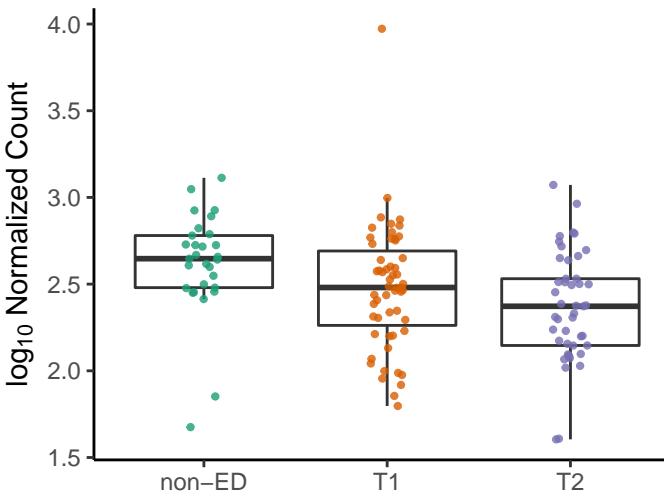
Unclassified Burkholderiales Order

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



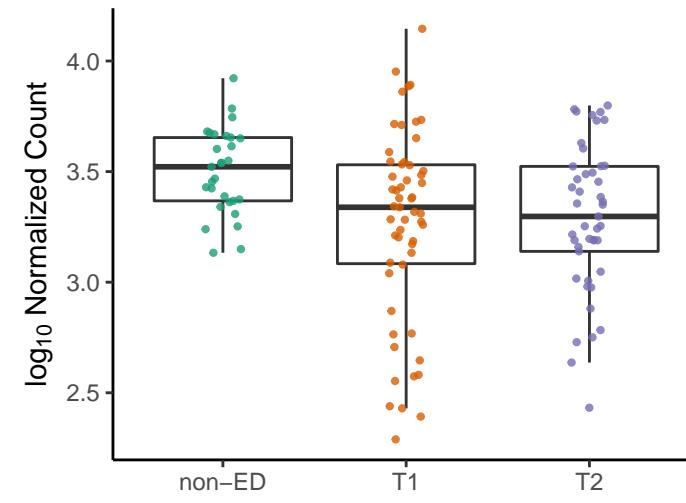
Unclassified Nostocales Order

non-ED vs. T1 adjusted p = 0.084
non-ED vs. T2 adjusted p = 0.0095
T1 vs. T2 adjusted p = 0.79



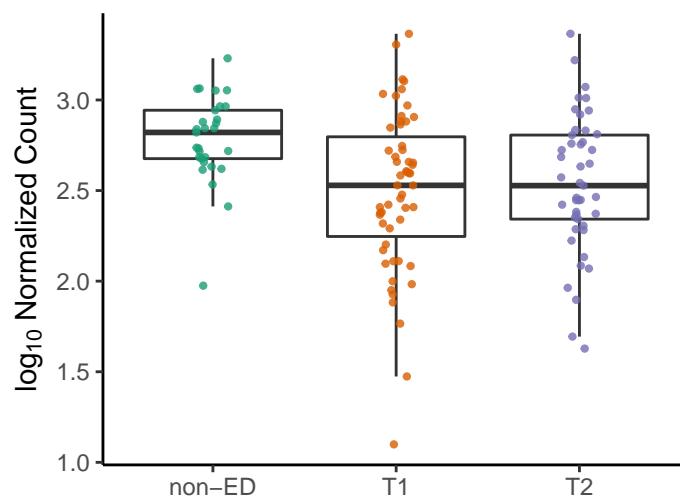
Hymenobacter

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.0097
T1 vs. T2 adjusted p = 0.81



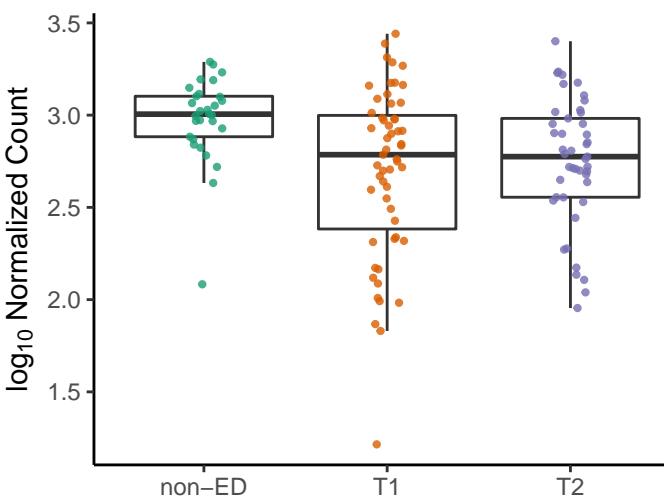
Luteimonas

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.0098
T1 vs. T2 adjusted p = 0.79



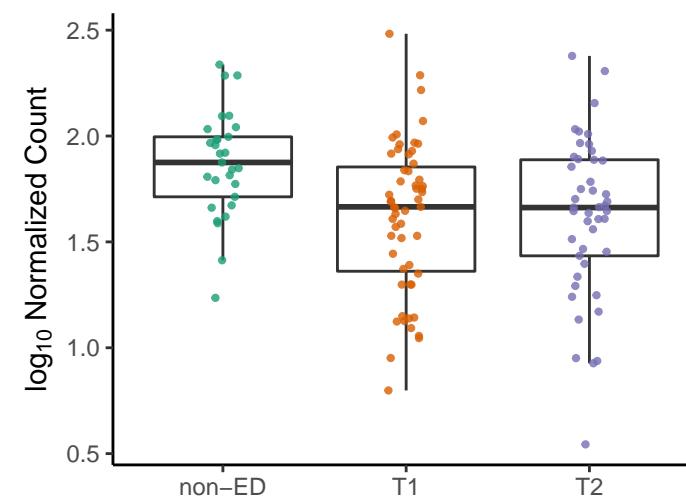
Novosphingobium

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.0098
T1 vs. T2 adjusted p = 0.79



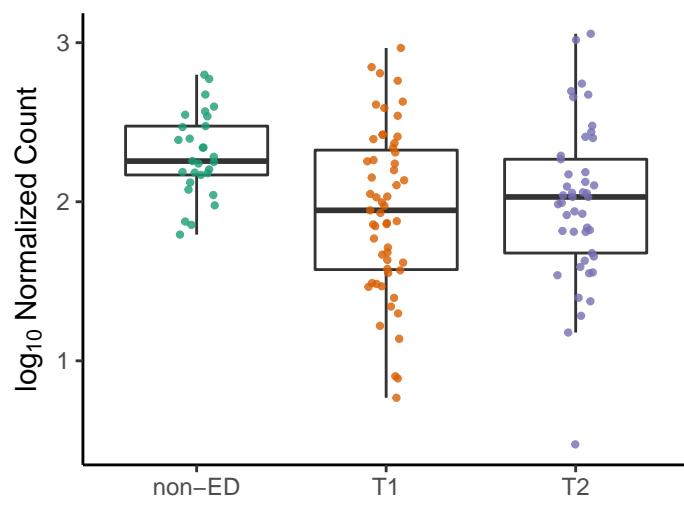
Gallionella

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.01
T1 vs. T2 adjusted p = 0.82



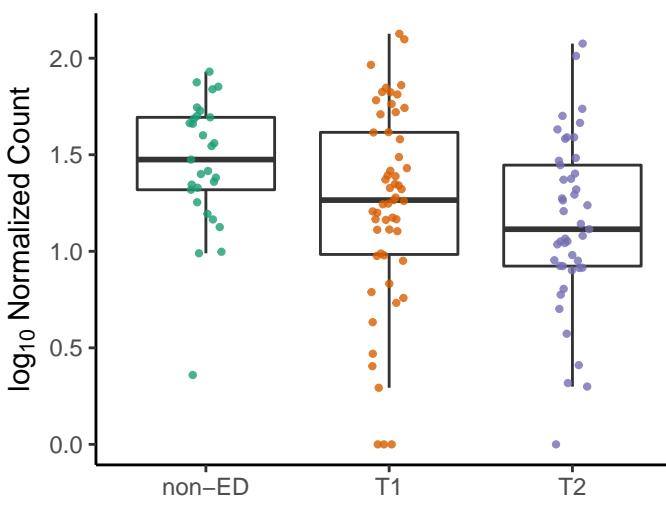
Propioniciclava

non-ED vs. T1 adjusted p = 0.0027
 non-ED vs. T2 adjusted p = 0.01
 T1 vs. T2 adjusted p = 0.8



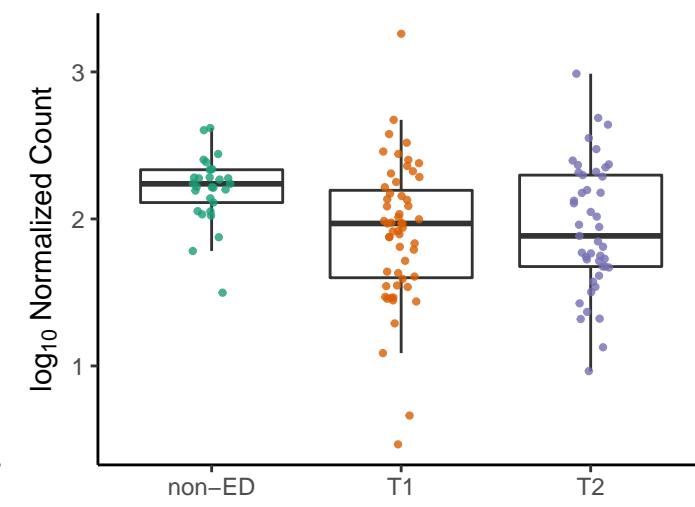
Unclassified Thermoanaerobacteraceae

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



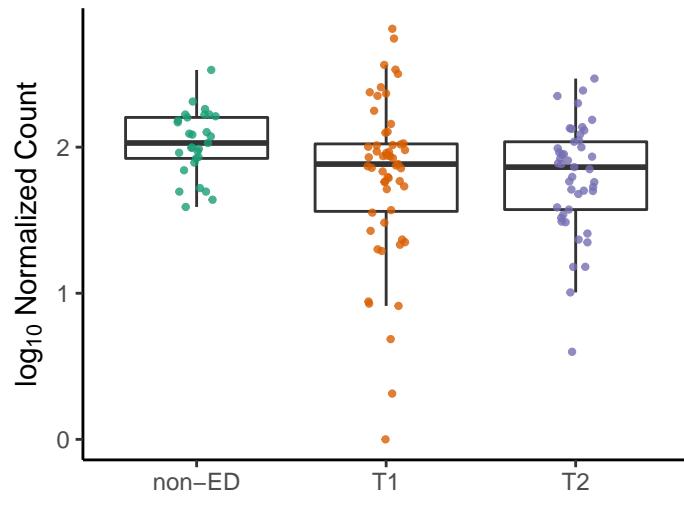
Verrucosispora

non-ED vs. T1 adjusted p = 0.0035
 non-ED vs. T2 adjusted p = 0.01
 T1 vs. T2 adjusted p = 0.8



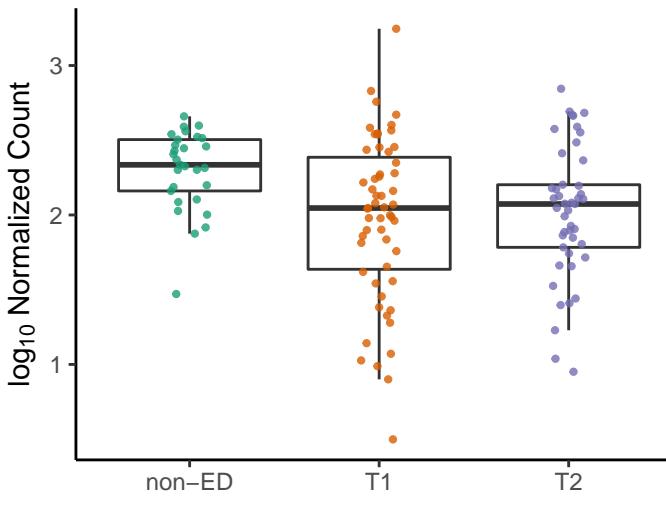
Kineobactrum

non-ED vs. T1 adjusted p = 0.019
 non-ED vs. T2 adjusted p = 0.01
 T1 vs. T2 adjusted p = 0.99



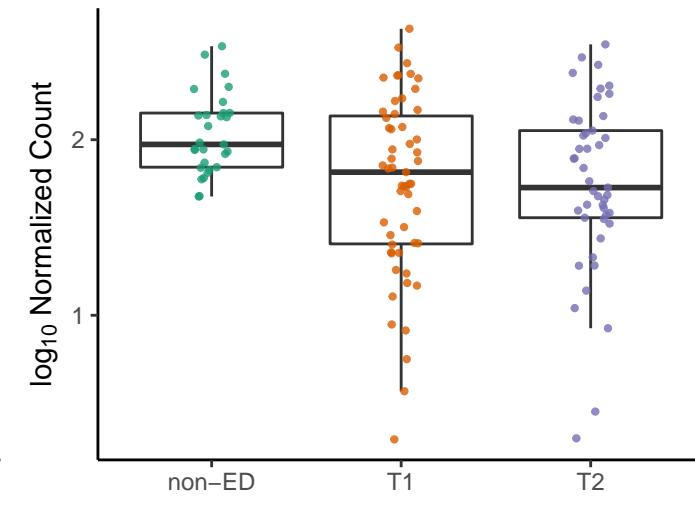
Mitsuaria

non-ED vs. T1 adjusted p = 0.0047
 non-ED vs. T2 adjusted p = 0.01
 T1 vs. T2 adjusted p = 0.8



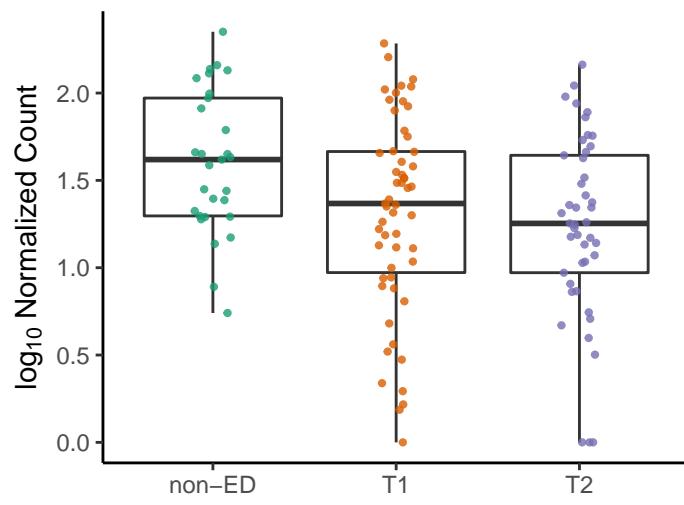
Sinimarinibacterium

non-ED vs. T1 adjusted p = 0.0048
 non-ED vs. T2 adjusted p = 0.01
 T1 vs. T2 adjusted p = 0.9



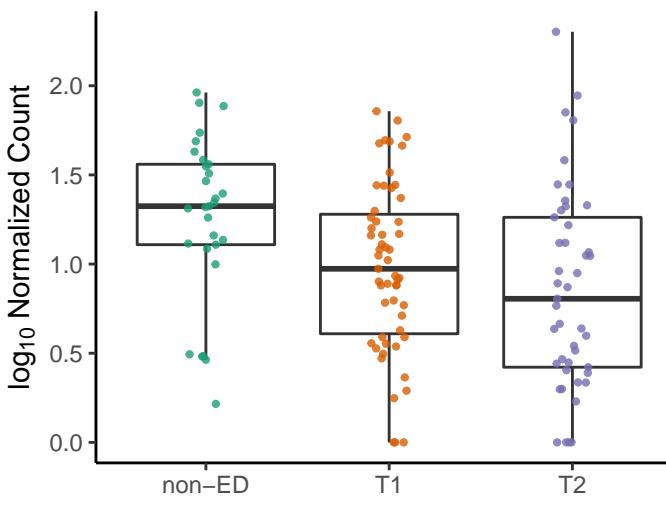
Sulfurisphaera

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



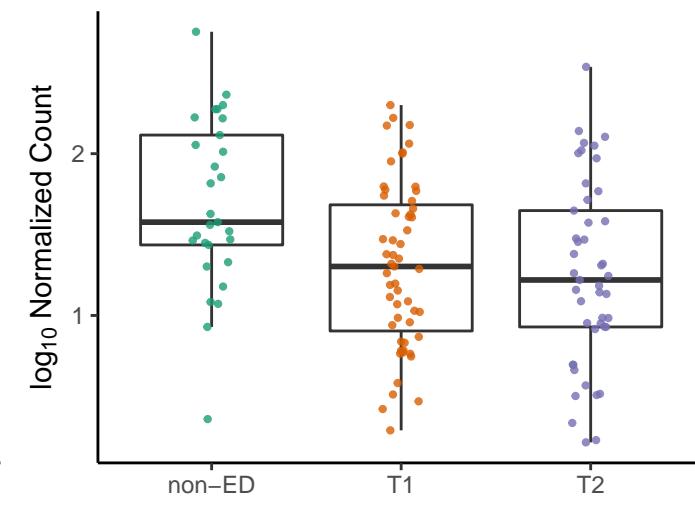
Ichthyobacterium

non-ED vs. T1 adjusted p = 0.024
 non-ED vs. T2 adjusted p = 0.011
 T1 vs. T2 adjusted p = 0.79



Ferroplasma

non-ED vs. T1 adjusted p = 0.0084
 non-ED vs. T2 adjusted p = 0.011
 T1 vs. T2 adjusted p = 0.98

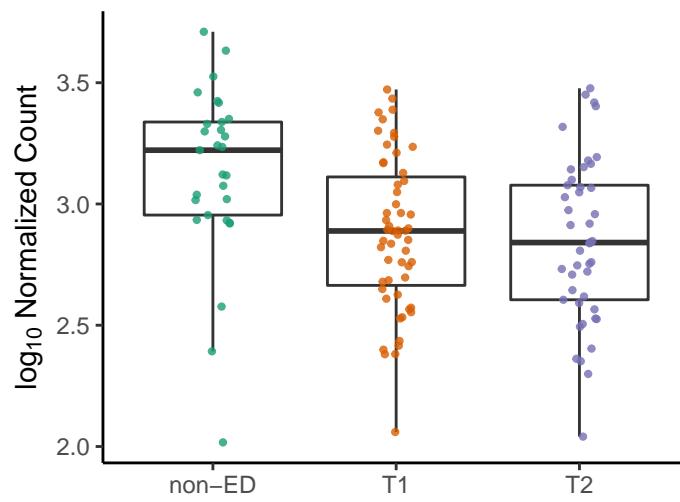


Unclassified Clostridiaceae Family

non-ED vs. T1 adjusted p = 0.0088

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.92

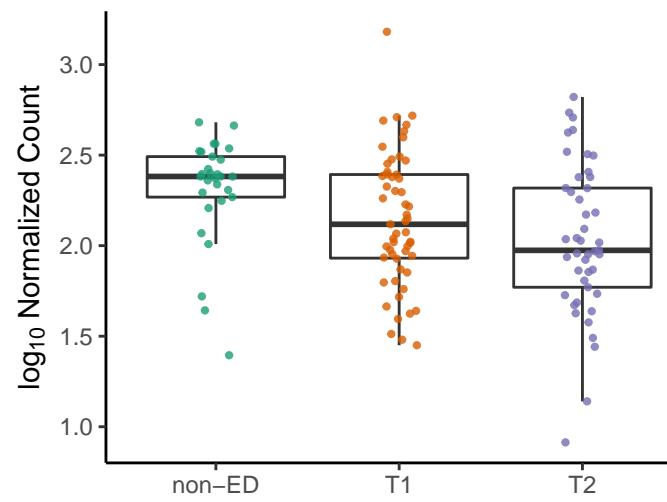


Winogradskyella

non-ED vs. T1 adjusted p = 0.045

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

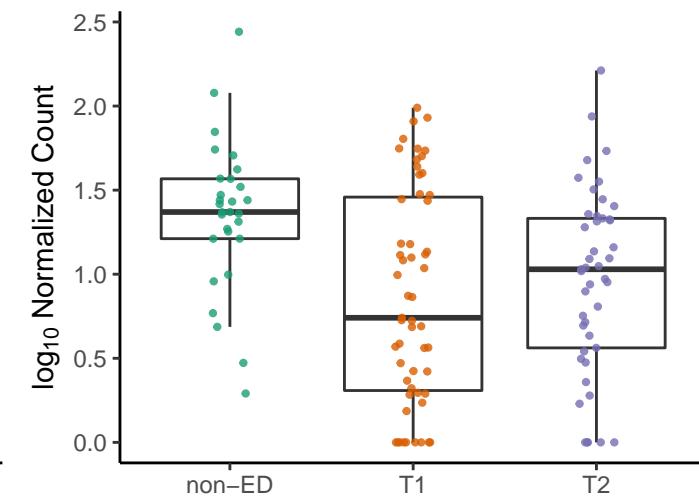


Ignicoccus

non-ED vs. T1 adjusted p = 0.003

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

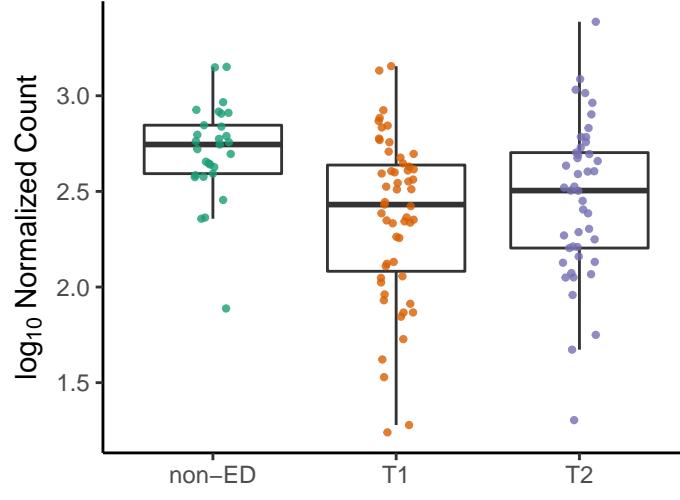


Leisingera

non-ED vs. T1 adjusted p = 0.0015

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

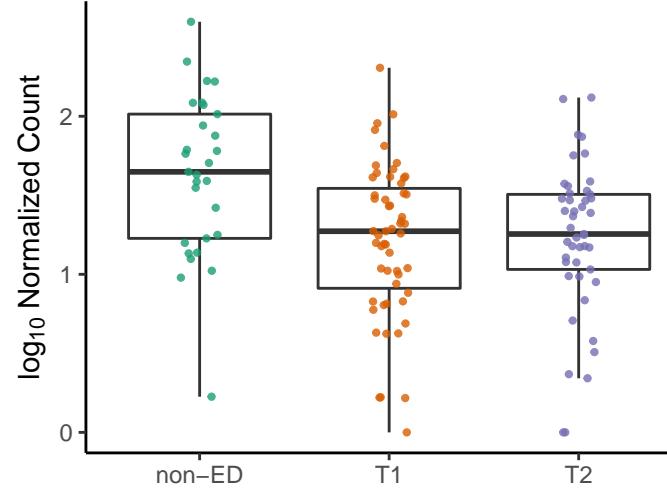


Oligella

non-ED vs. T1 adjusted p = 0.0049

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.97

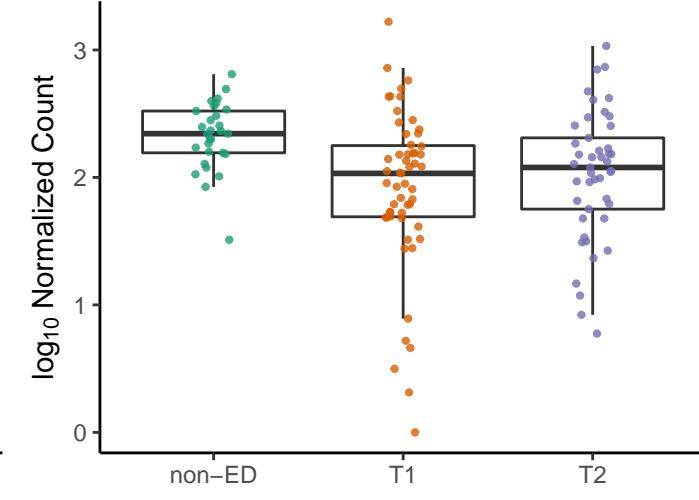


Paludisphaera

non-ED vs. T1 adjusted p = 0.0028

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

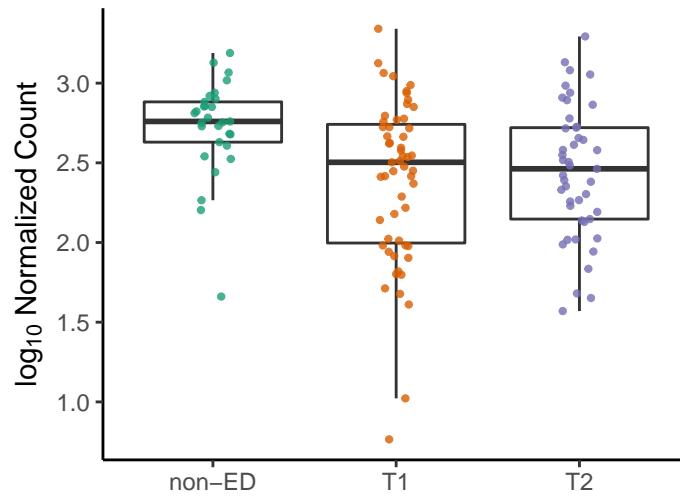


Phreatobacter

non-ED vs. T1 adjusted p = 0.004

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

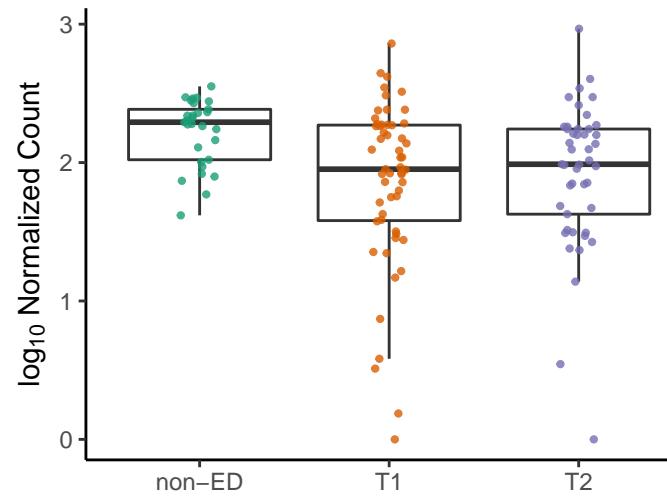


Halovulum

non-ED vs. T1 adjusted p = 0.0035

non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.79

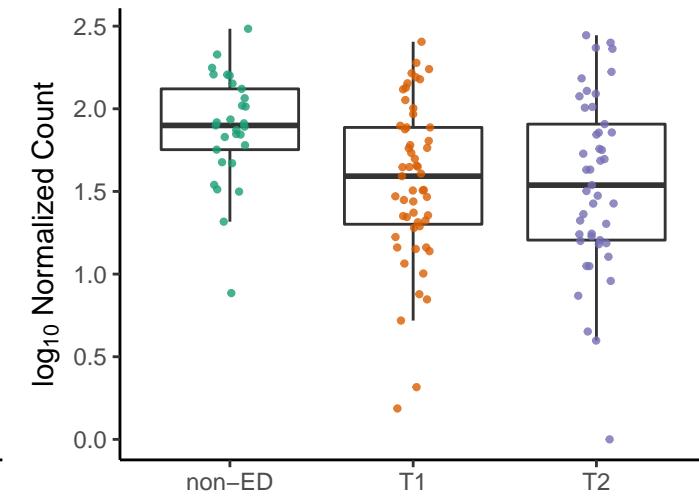


Lachancea

non-ED vs. T1 adjusted p = 0.0042

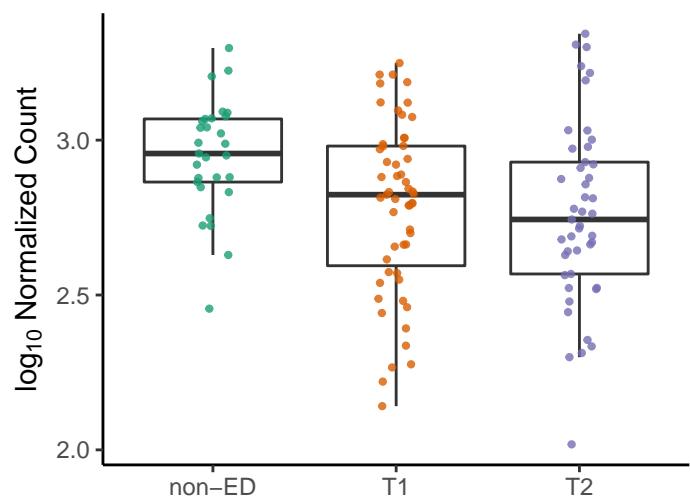
non-ED vs. T2 adjusted p = 0.011

T1 vs. T2 adjusted p = 0.98



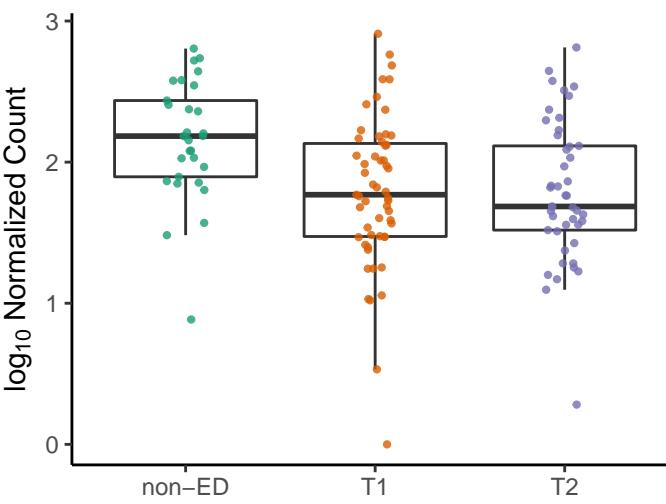
Pectobacterium

non-ED vs. T1 adjusted p = 0.0075
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.99



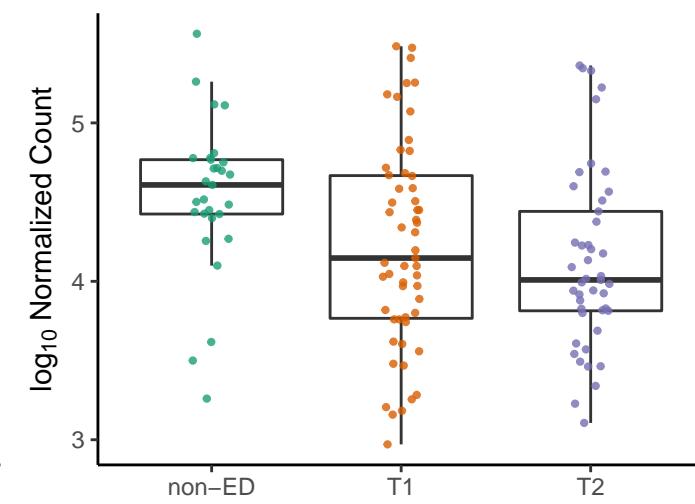
Unclassified Erythrobacteraceae Family

non-ED vs. T1 adjusted p = 0.0059
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.92



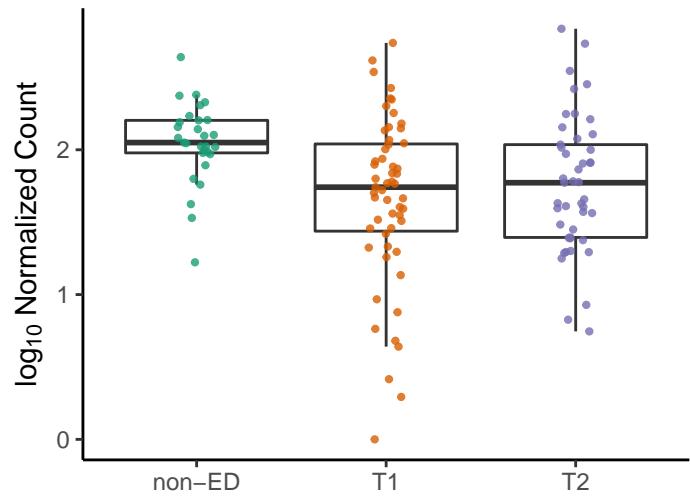
Lachnospira

non-ED vs. T1 adjusted p = 0.03
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.79



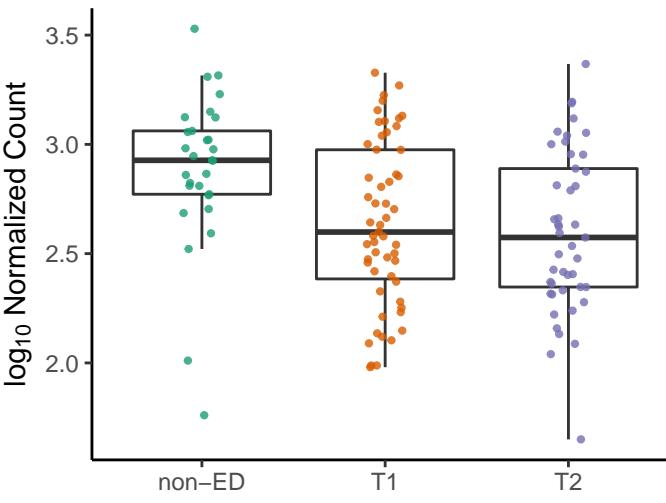
Thiobacillus

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.79



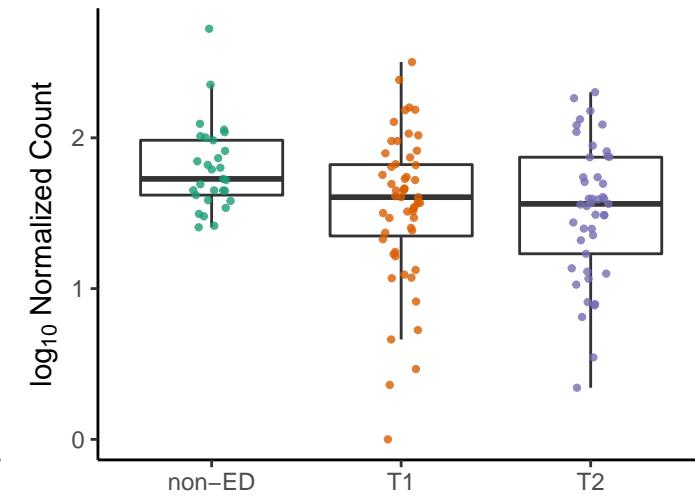
Acholeplasma

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.81



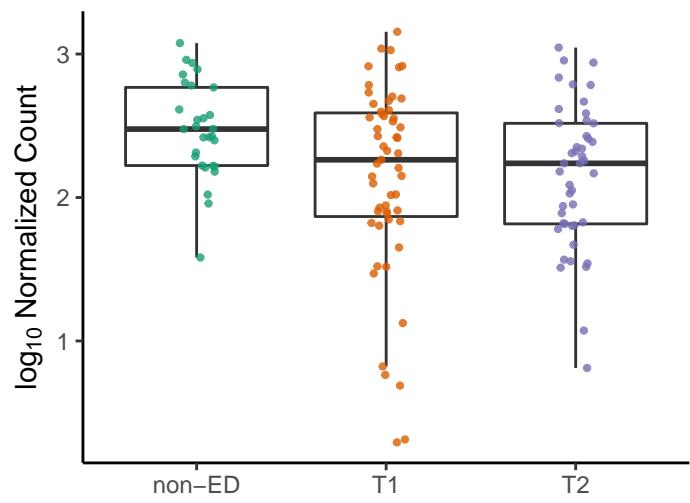
Beijerinckia

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.92



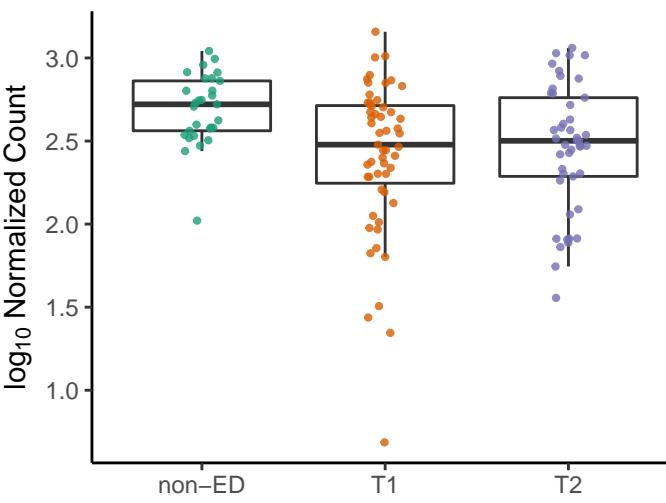
Lacunisphaera

non-ED vs. T1 adjusted p = 0.0099
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.85



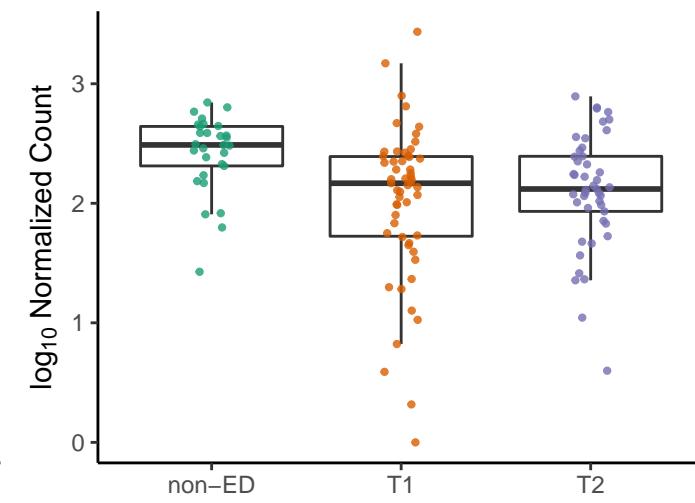
Martelella

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.79



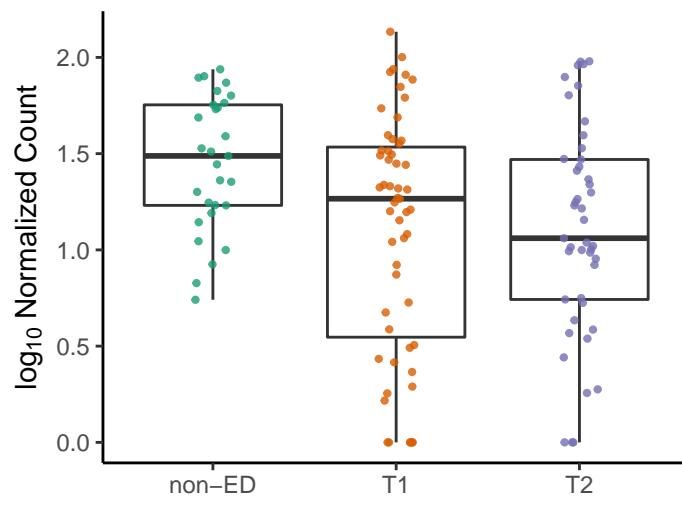
Rubrivivax

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.79



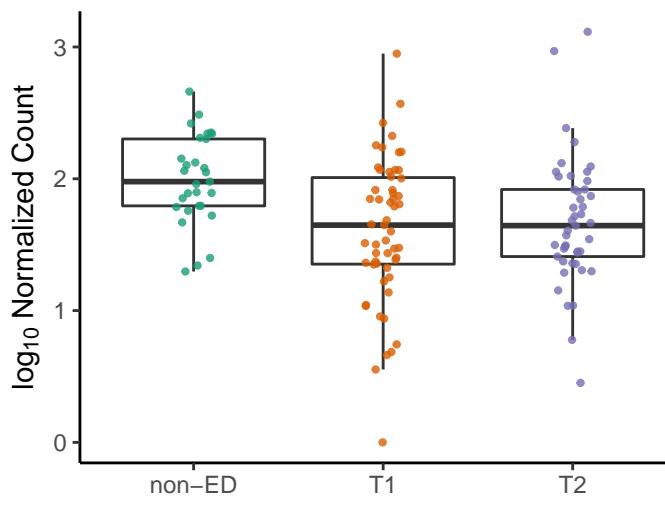
Unclassified Streptosporangiales Order

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.86



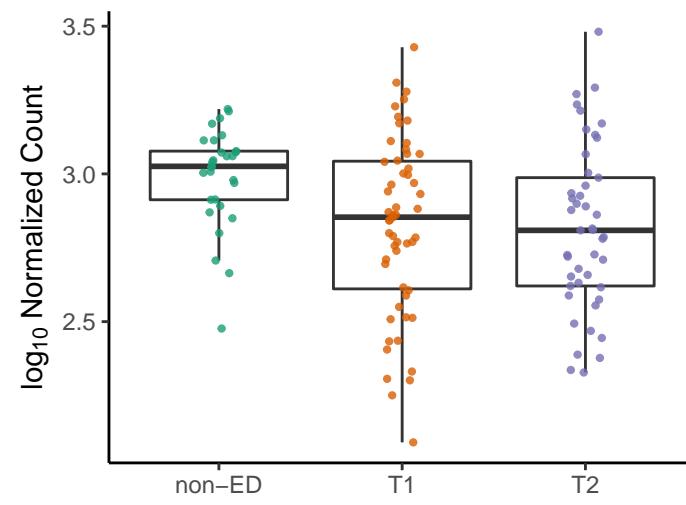
Simiduia

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.83



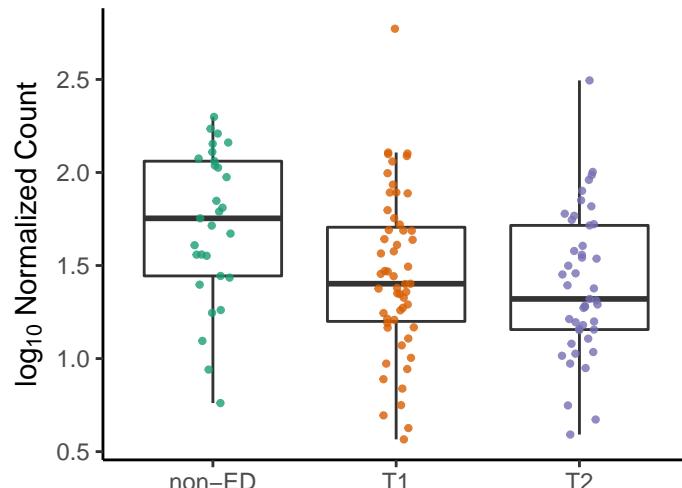
Fusarium

non-ED vs. T1 adjusted p = 0.0078
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.97



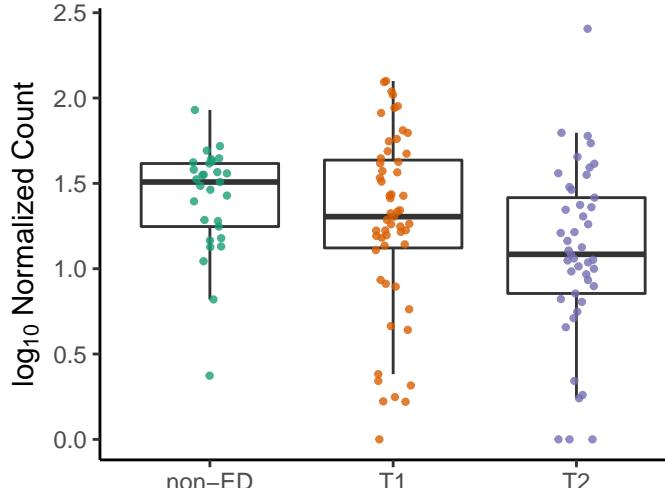
Pichia

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.79



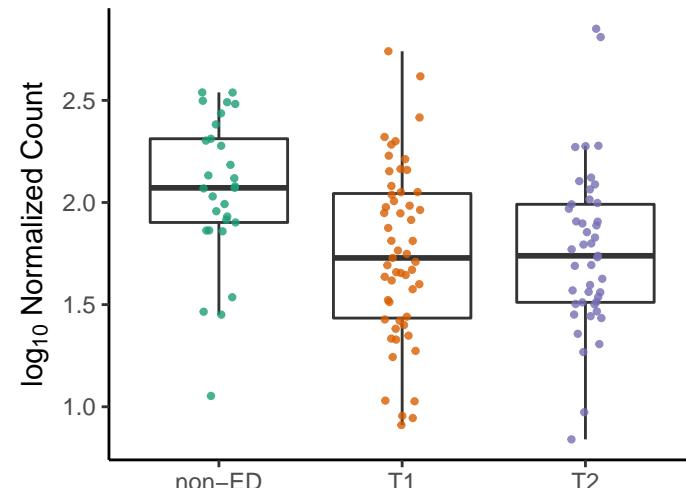
Methanolinea

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.77



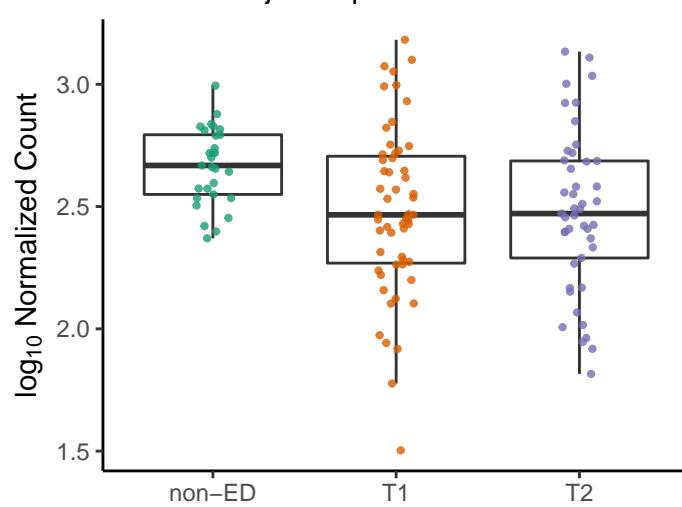
Rheinheimera

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.99



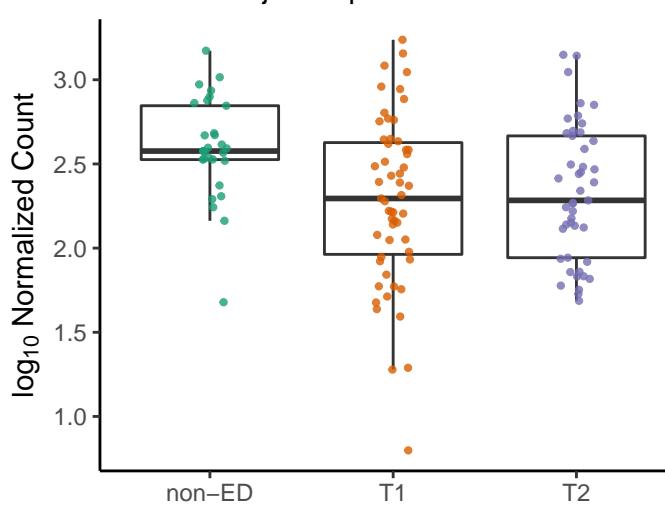
Spirochaeta

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.99



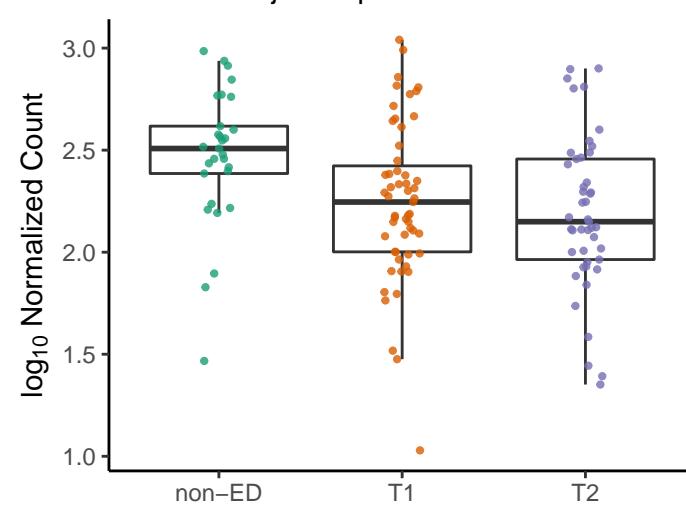
Unclassified Opitutaceae Family

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.8



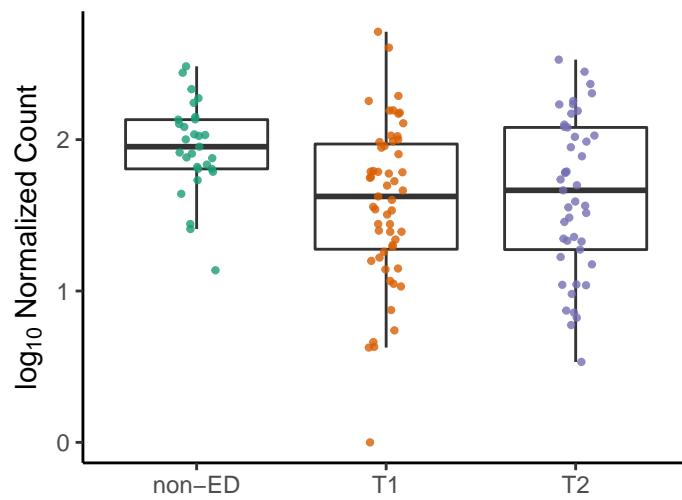
Caloranaerobacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.81



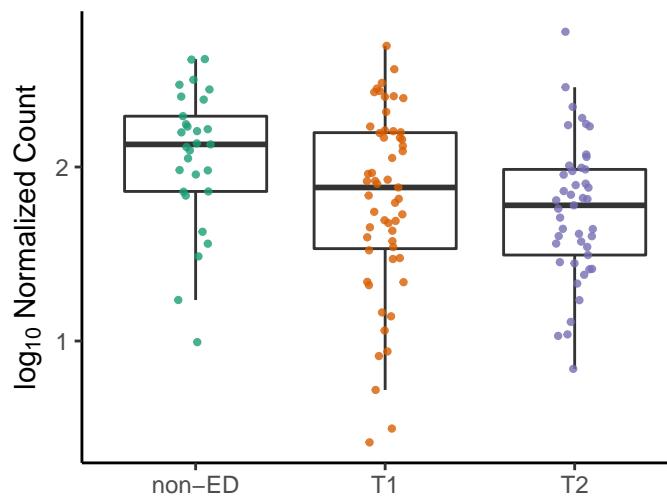
Acidiferrobacter

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



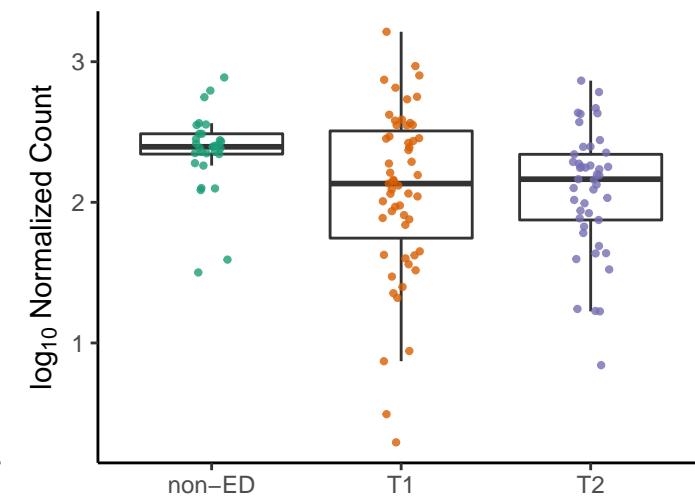
Aquabacterium

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.82



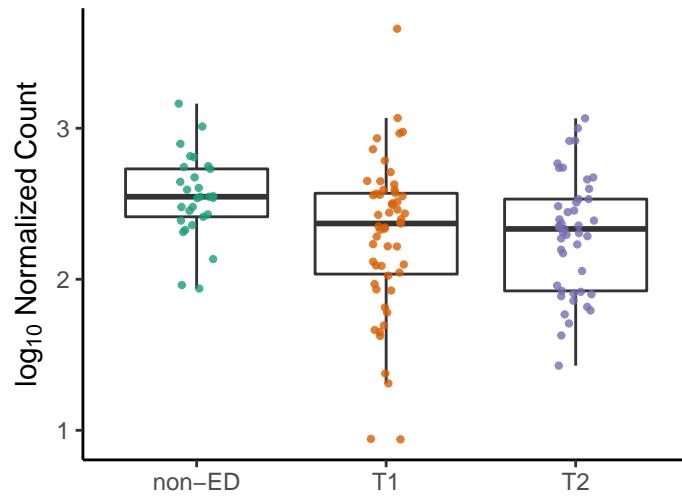
Euzebya

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.93



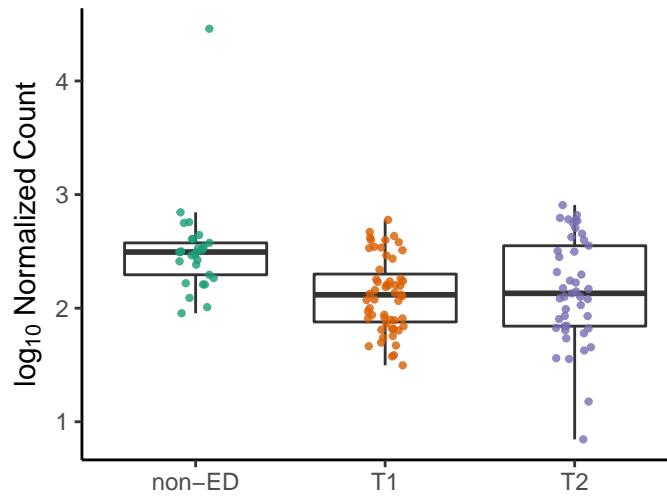
Rhodovulum

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.83



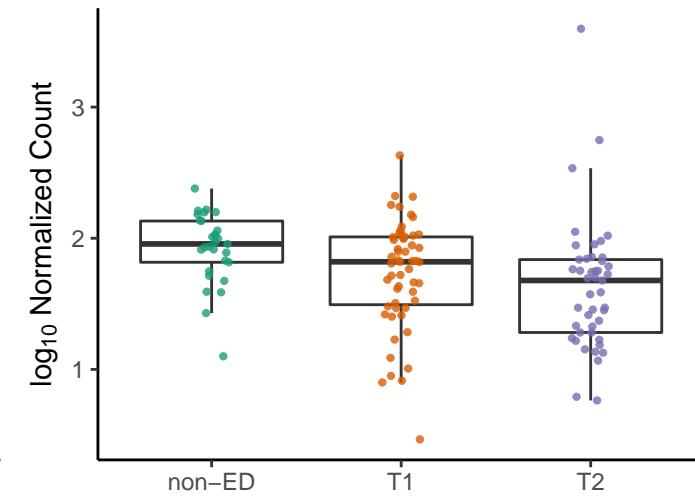
Succinivibrio

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.88



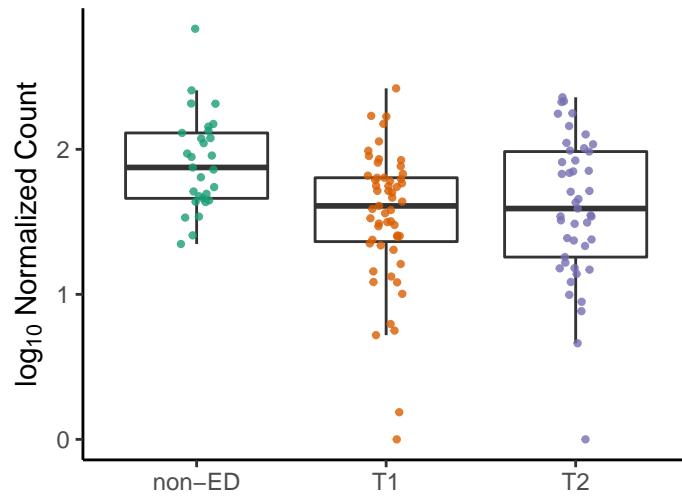
Unclassified Oceanospirillales Order

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



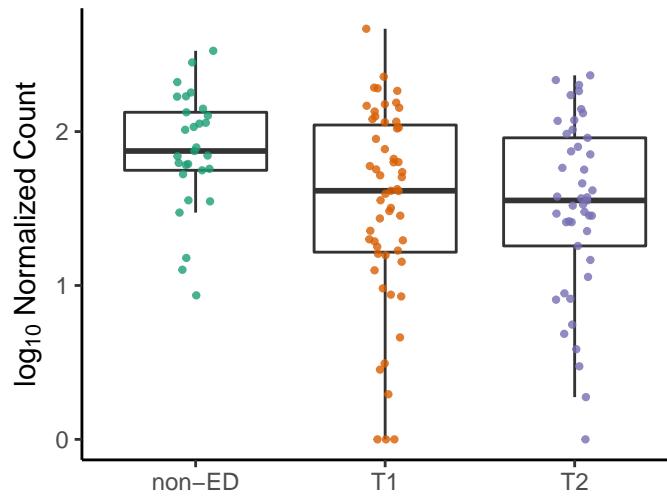
Unclassified Methylophilaceae Family

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



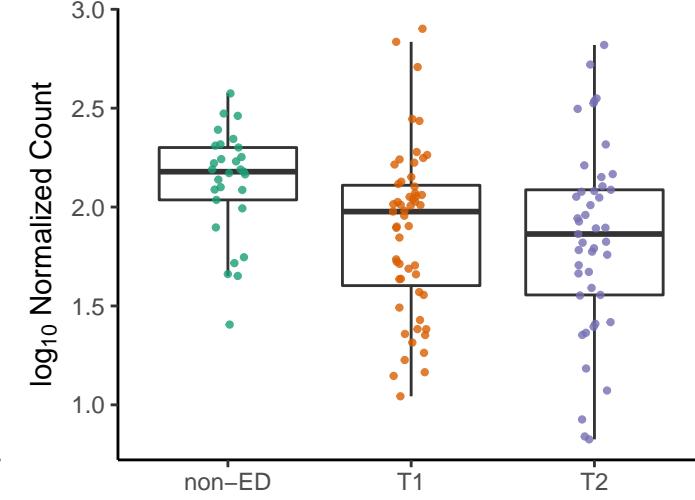
Unclassified Intrasporangiaceae Family

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.91



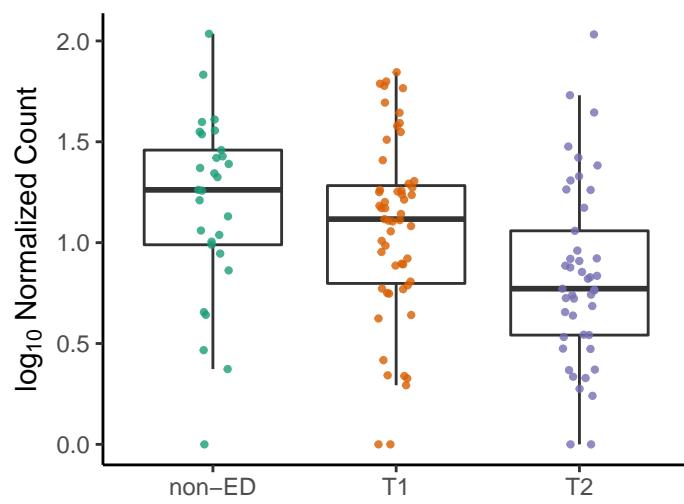
Pyrococcus

non-ED vs. T1 adjusted p = 0.0078
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.93



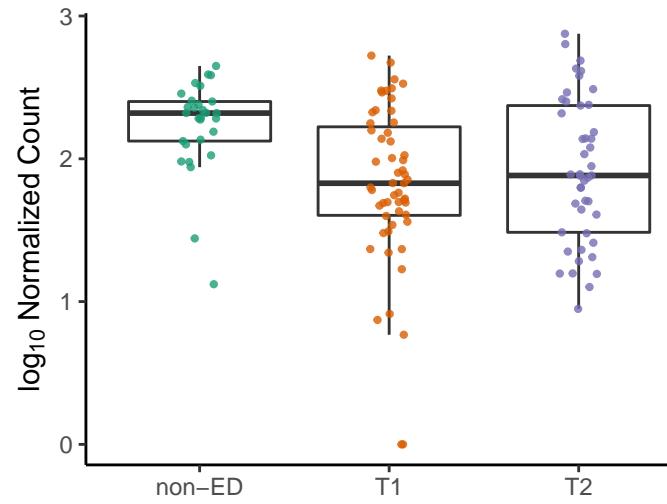
Candidatus Deianiraee

non-ED vs. T1 adjusted p = 0.33
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



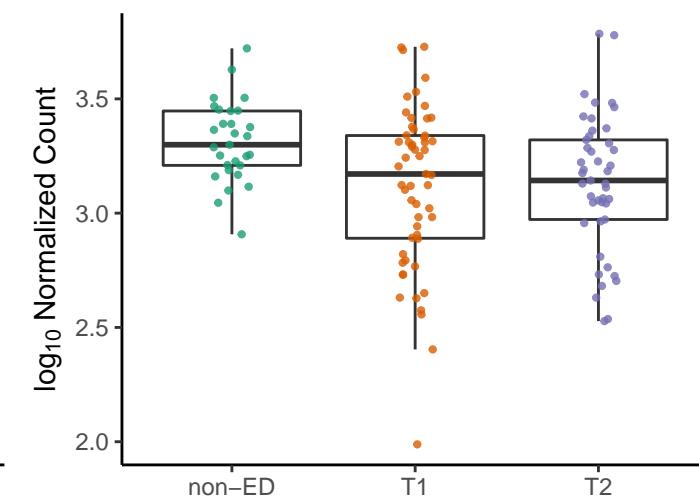
Illumatobacter

non-ED vs. T1 adjusted p = 0.0026
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



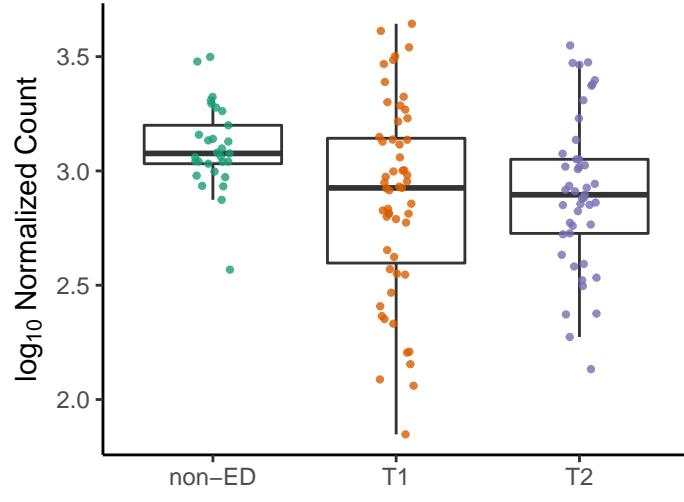
Neisseria

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.8



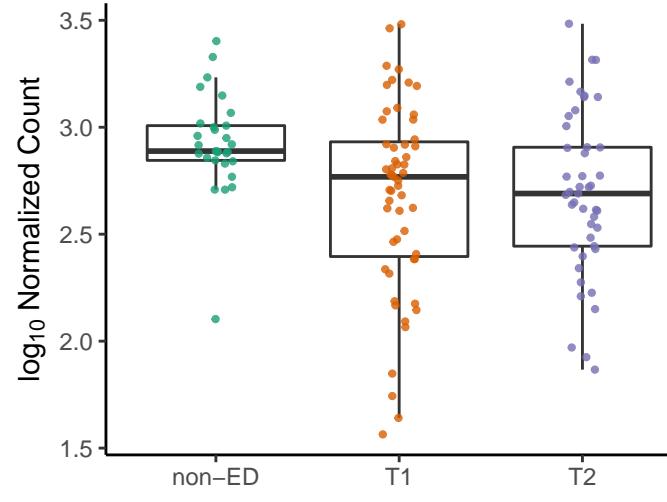
Pandoraea

non-ED vs. T1 adjusted p = 0.006
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.8



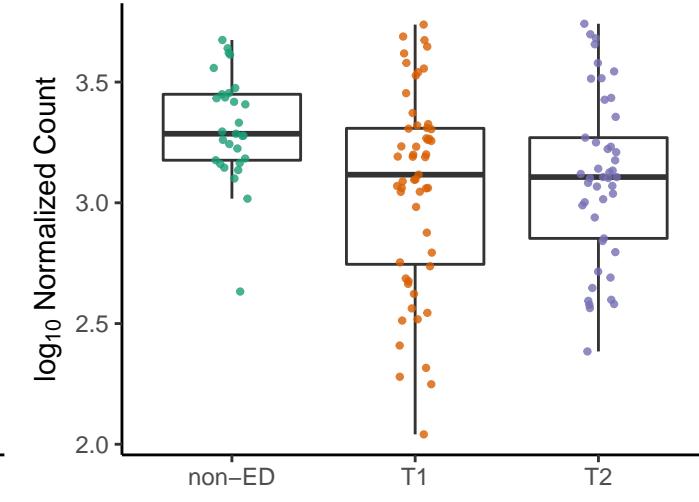
Rhodoferax

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.8



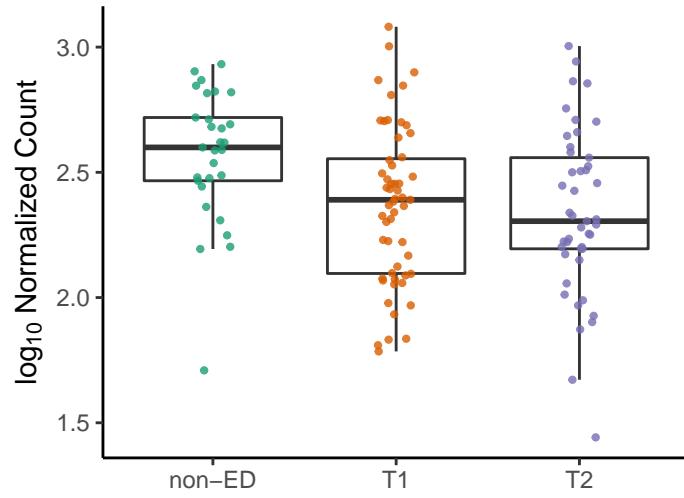
Sphingobium

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



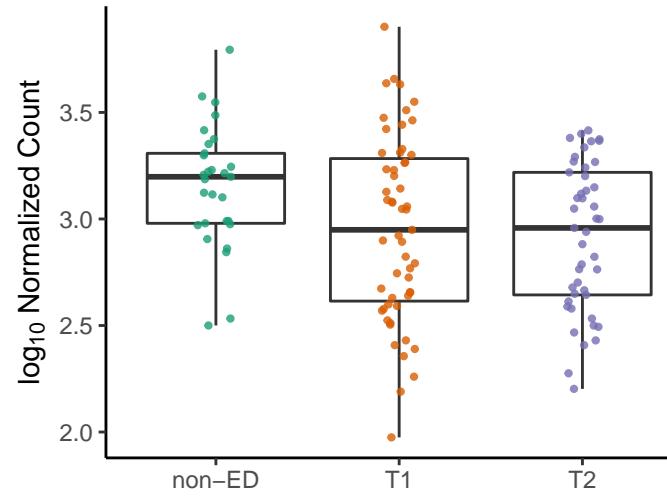
Sulfurimonas

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.83



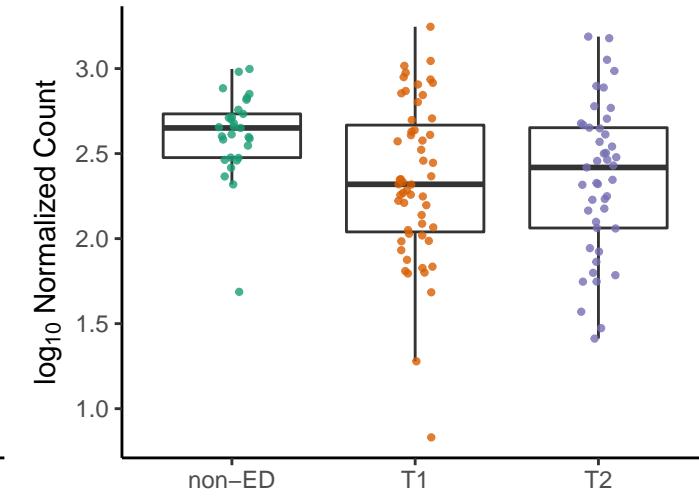
Unclassified Peptostreptococcaceae Fa

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.8



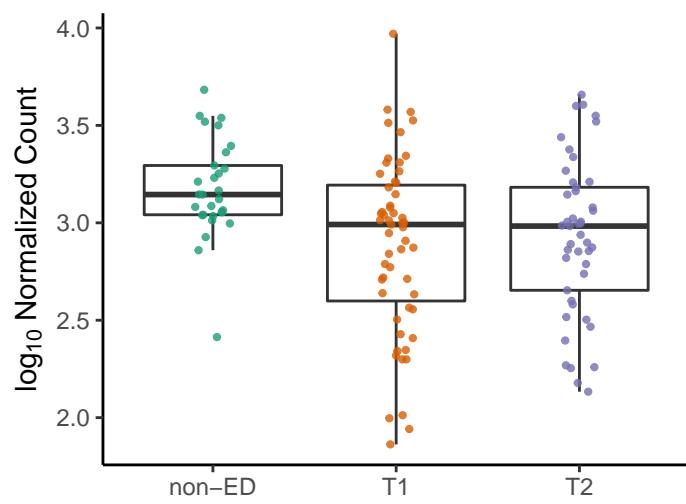
Dietzia

non-ED vs. T1 adjusted p = 0.0052
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.9



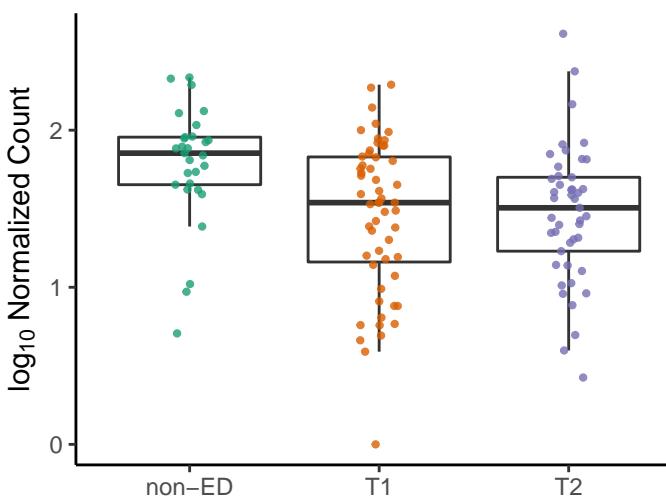
Acidovorax

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.79



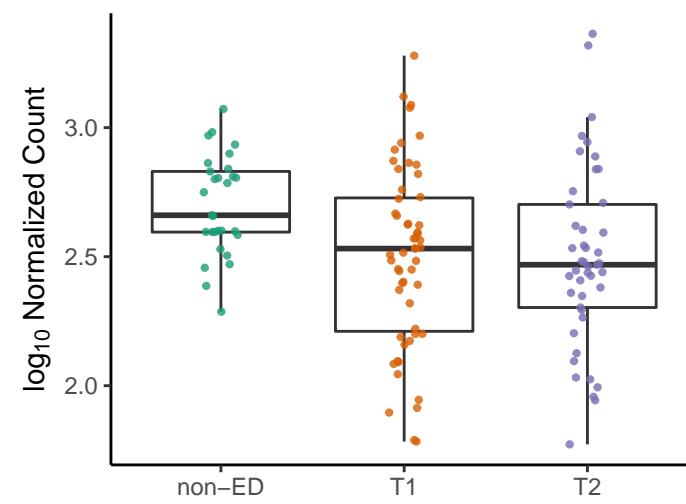
Candidatus Protochlamydia

non-ED vs. T1 adjusted p = 0.00062
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.87



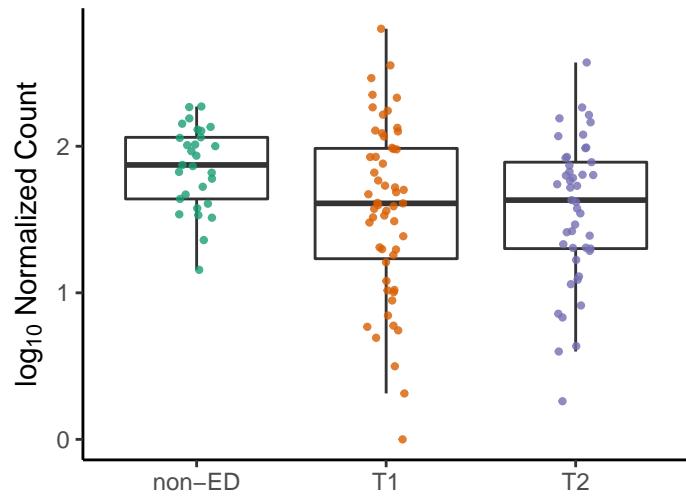
Edwardsiella

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.86



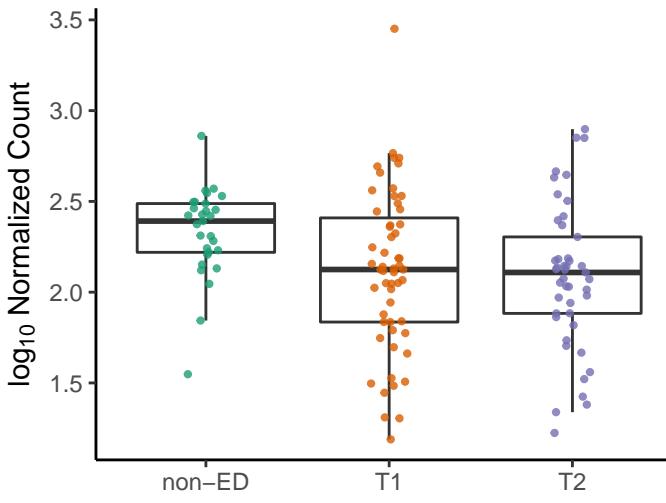
Afipia

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 1



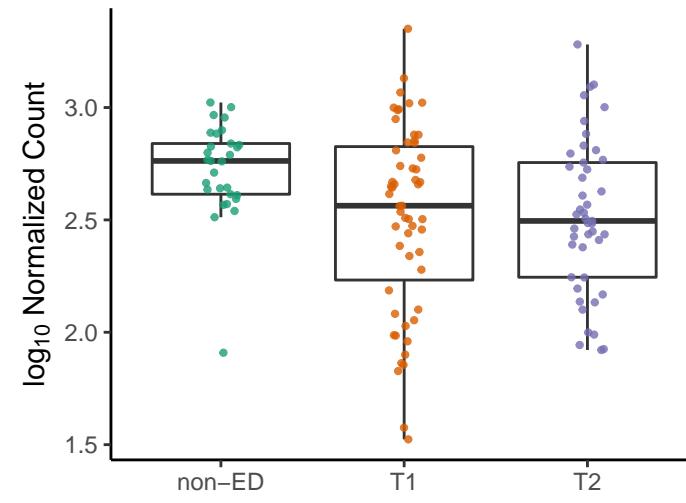
Eikenella

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.92



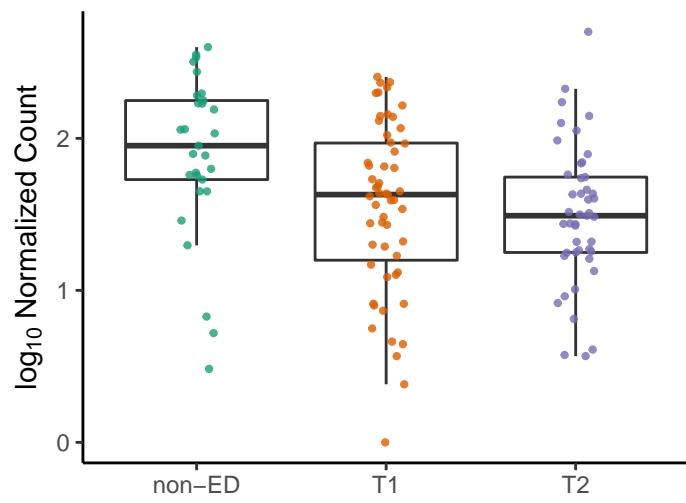
Mycobacteroides

non-ED vs. T1 adjusted p = 0.0092
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.96



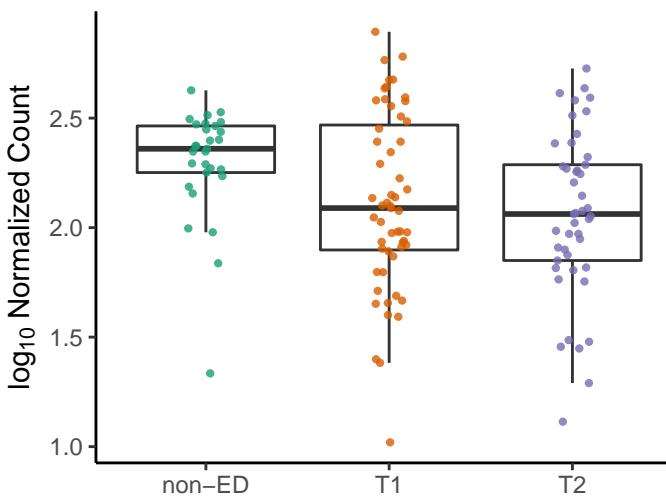
Sphingosinithalassobacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.83



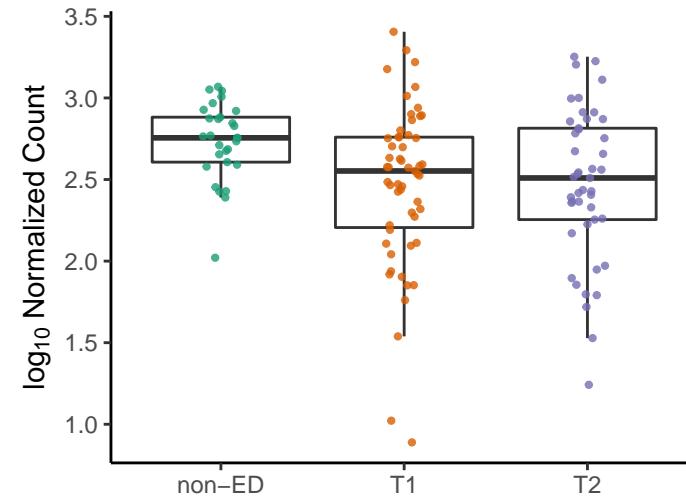
Unclassified Tissierellaceae Family

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



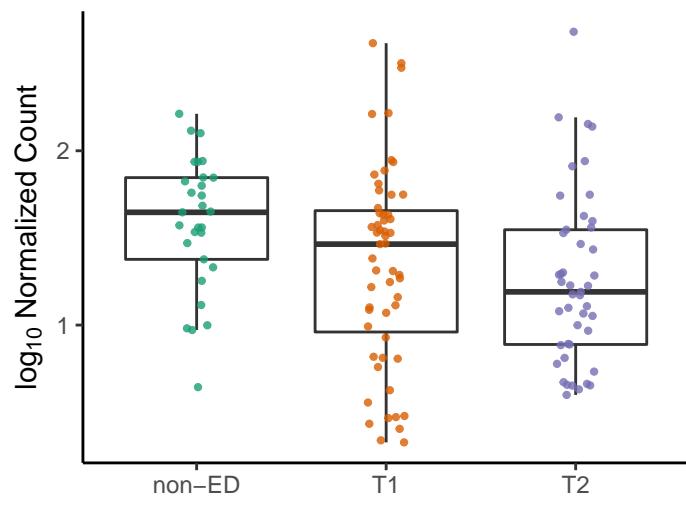
Actinoalloteichus

non-ED vs. T1 adjusted p = 0.0061
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.83



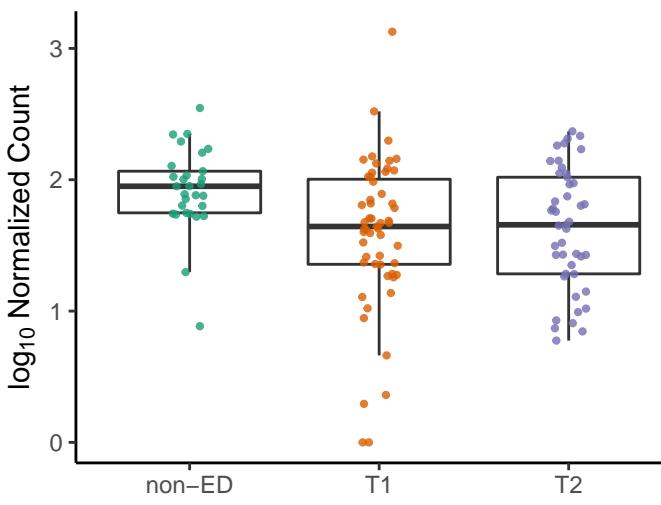
Candidatus Sulcia

non-ED vs. T1 adjusted p = 0.044
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



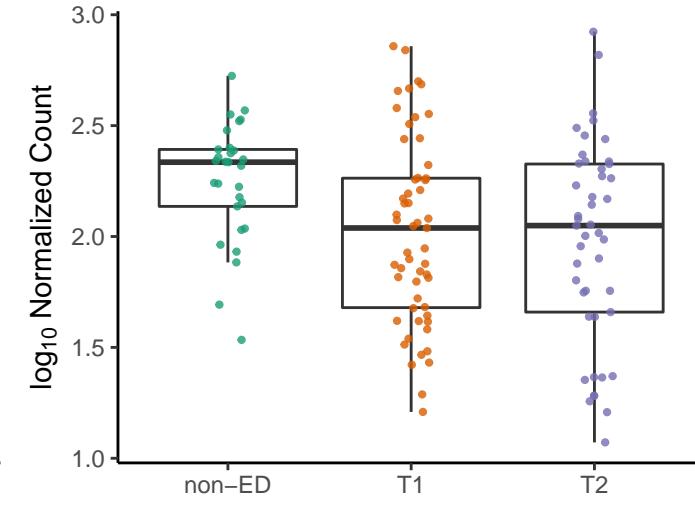
Ferriphaselus

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



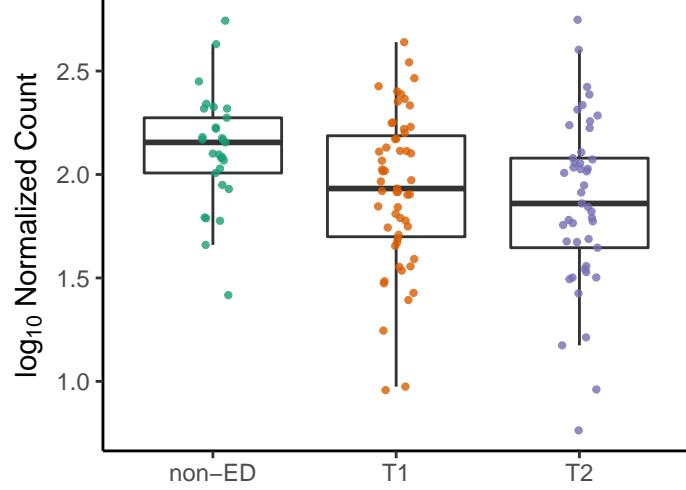
Methanocaldococcus

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.85



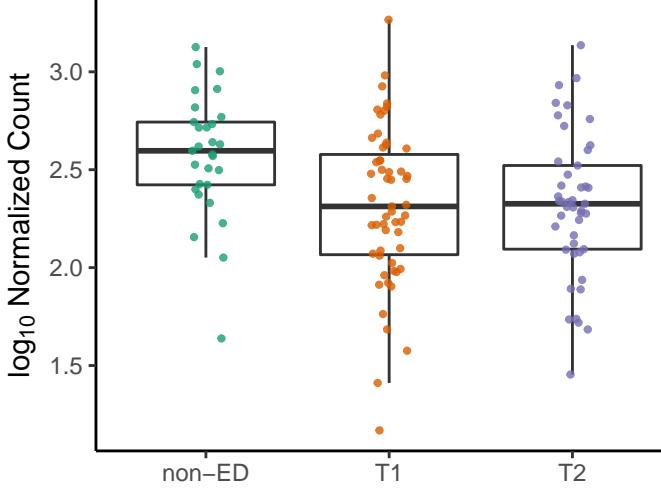
Unclassified Neisseriaceae Family

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.91



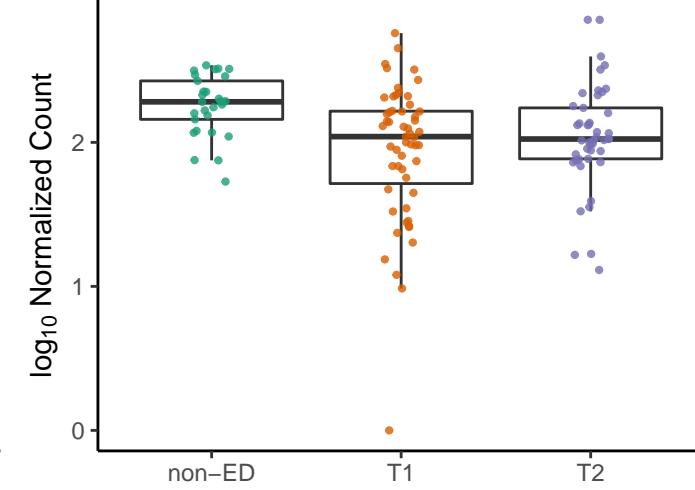
Gluconobacter

non-ED vs. T1 adjusted p = 0.0074
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.8



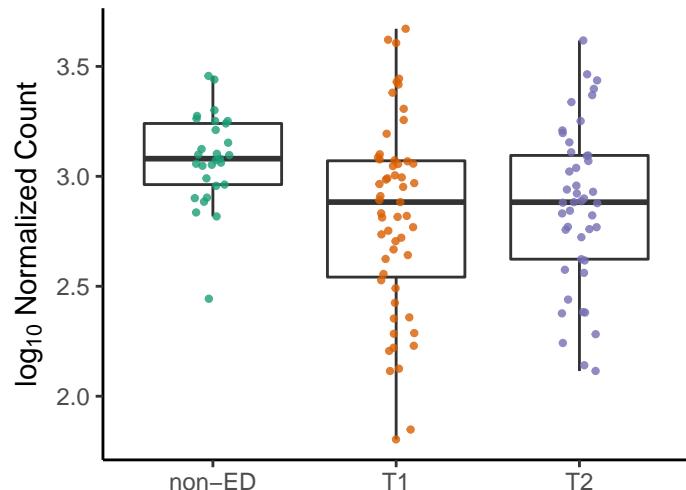
Mariprofundus

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



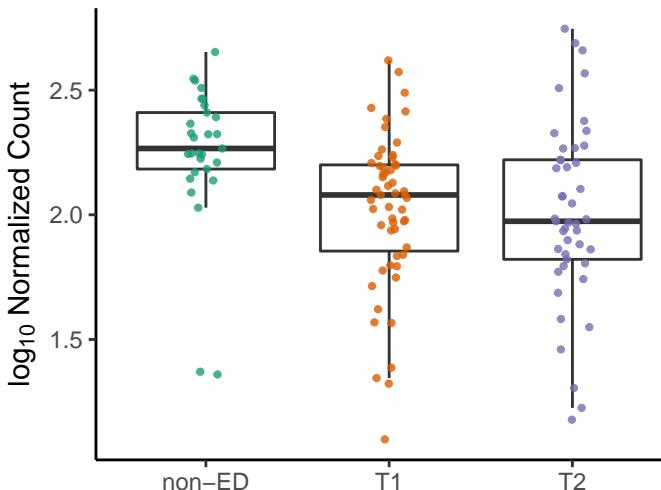
Chromobacterium

non-ED vs. T1 adjusted p = 0.0041
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



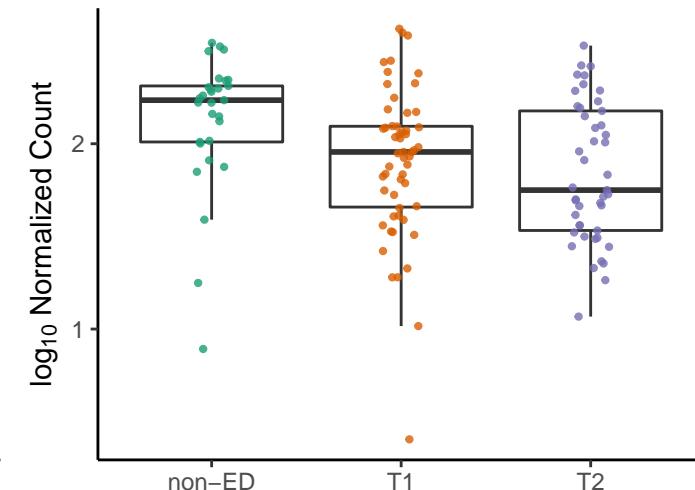
Niastella

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 1



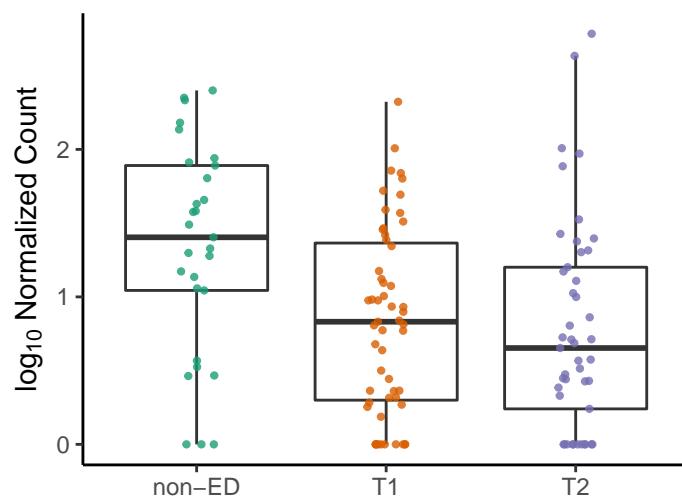
Sulfolobus

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.79



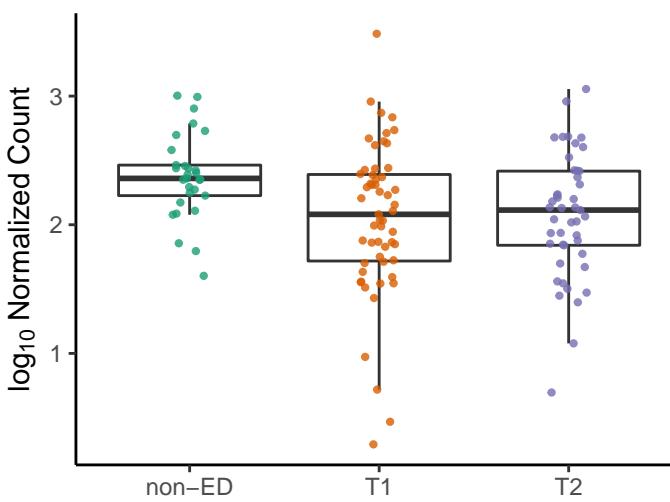
Unclassified Chroococcales Order

non-ED vs. T1 adjusted p = 0.0097
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.8



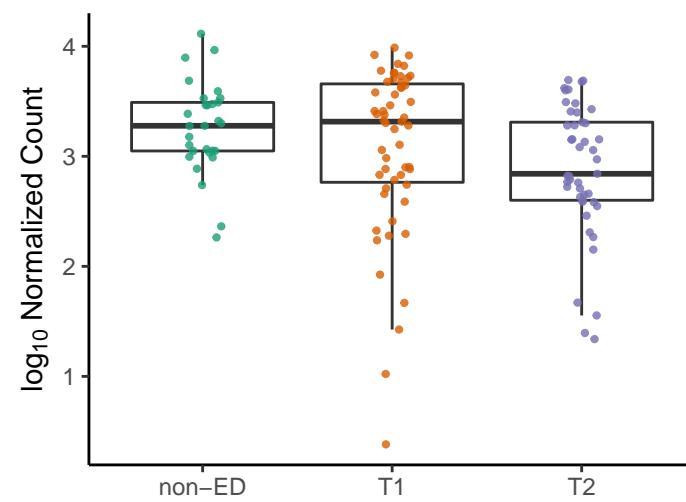
Unclassified Micromonosporaceae Famil

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.013
T1 vs. T2 adjusted p = 0.81



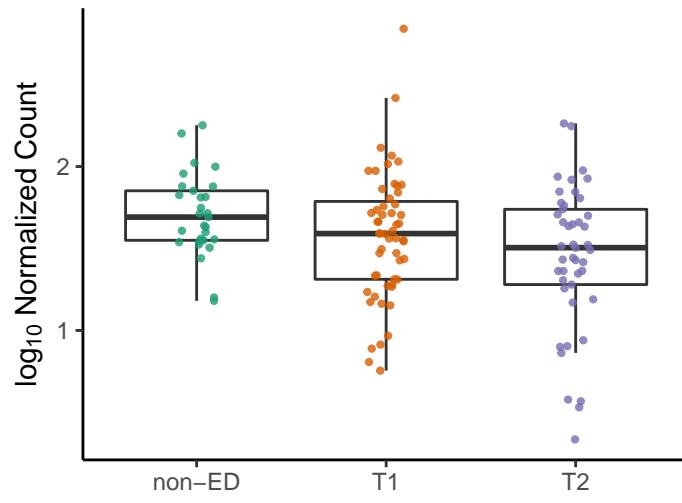
Barnesiella

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



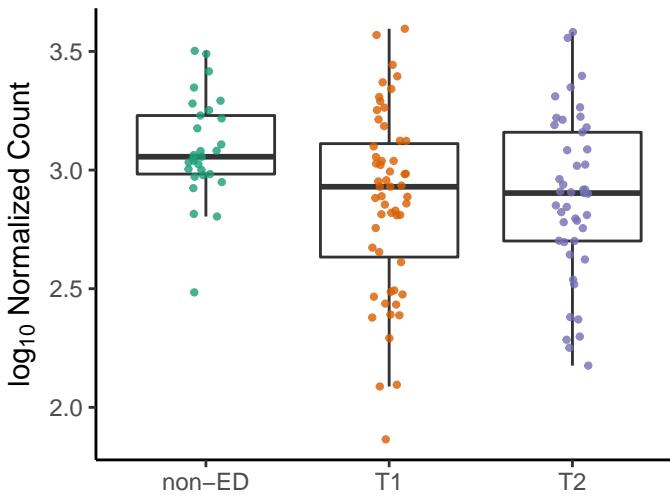
Gillisia

non-ED vs. T1 adjusted p = 0.094
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



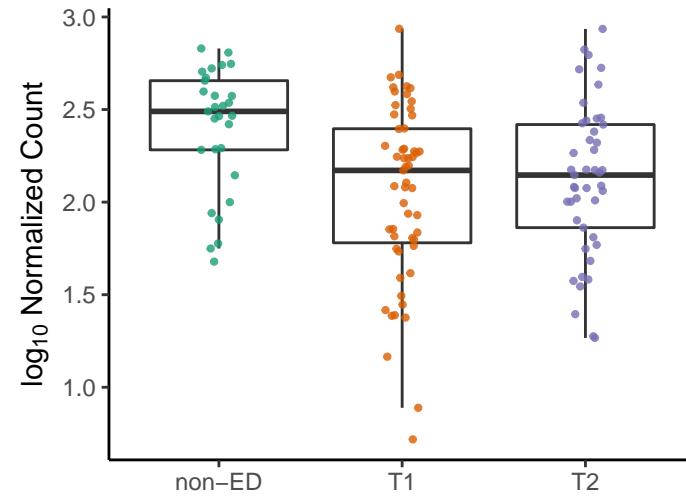
Pseudodesulfovibrio

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.83



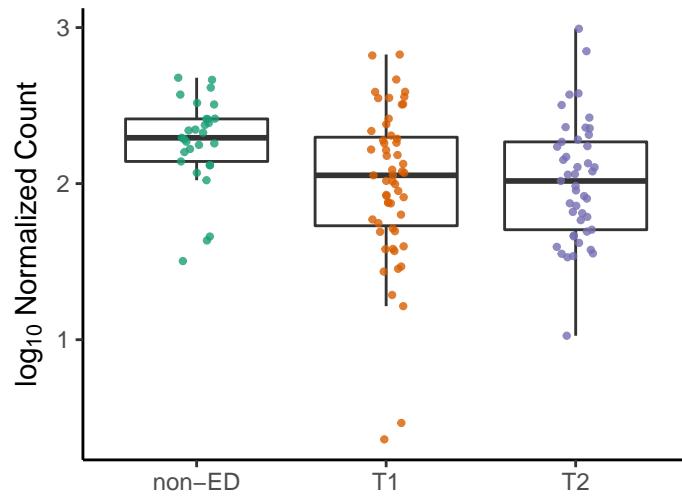
Sphingosinicella

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



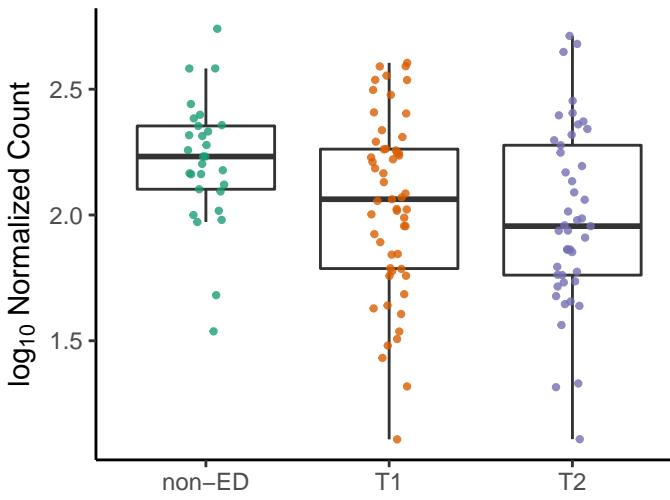
Unclassified Acetobacteraceae Family

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.92



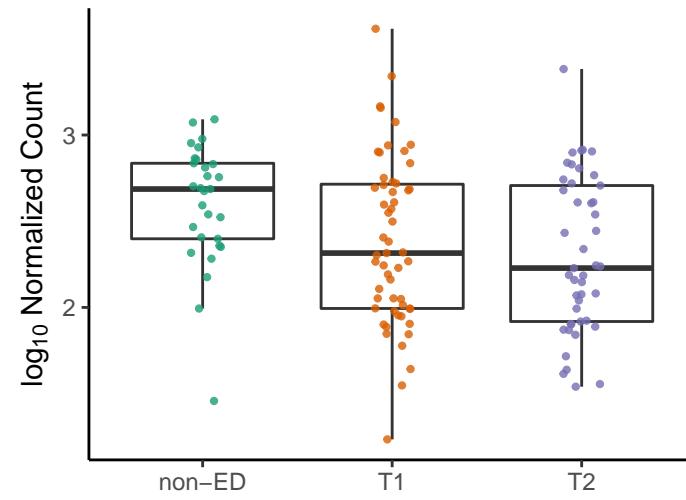
Dokdonia

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.8



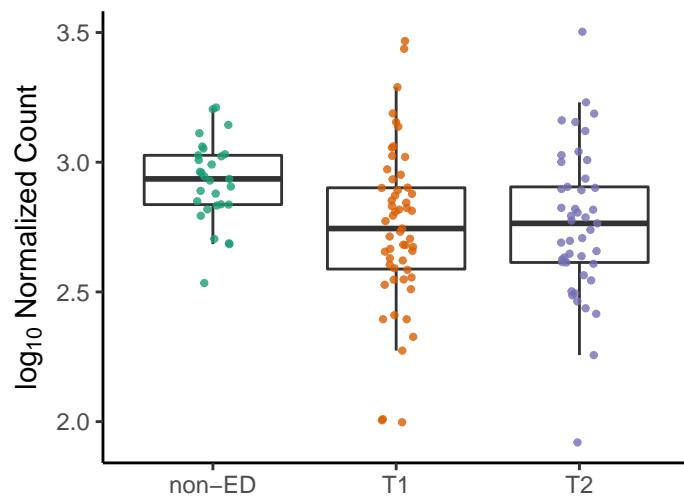
Paraclostridium

non-ED vs. T1 adjusted p = 0.04
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



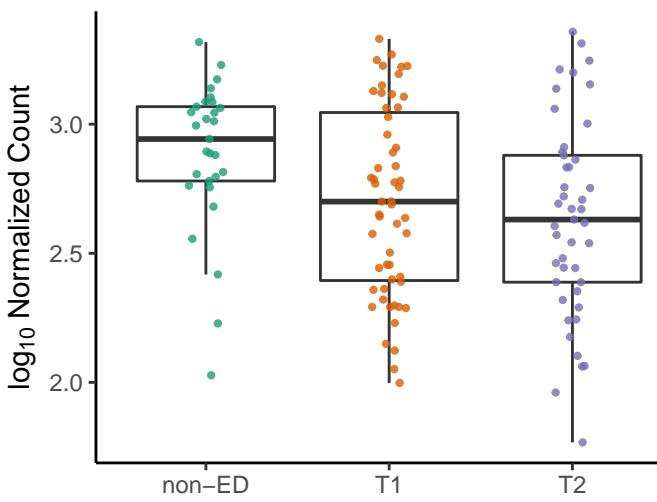
Exiguobacterium

non-ED vs. T1 adjusted p = 0.0048
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.82



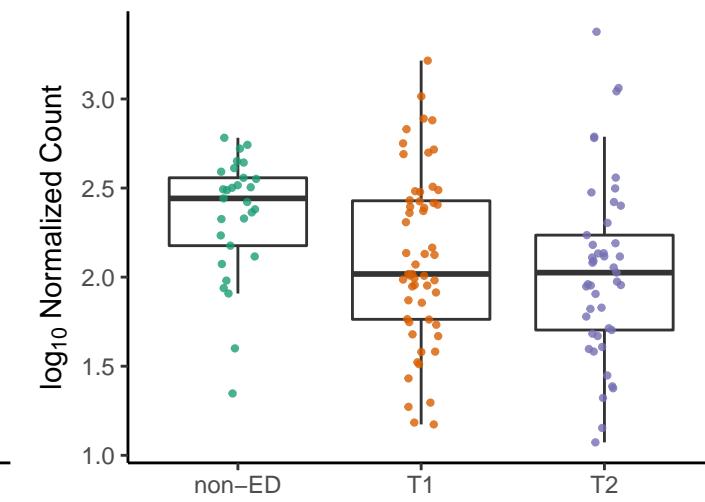
Brachyspira

non-ED vs. T1 adjusted p = 0.027
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



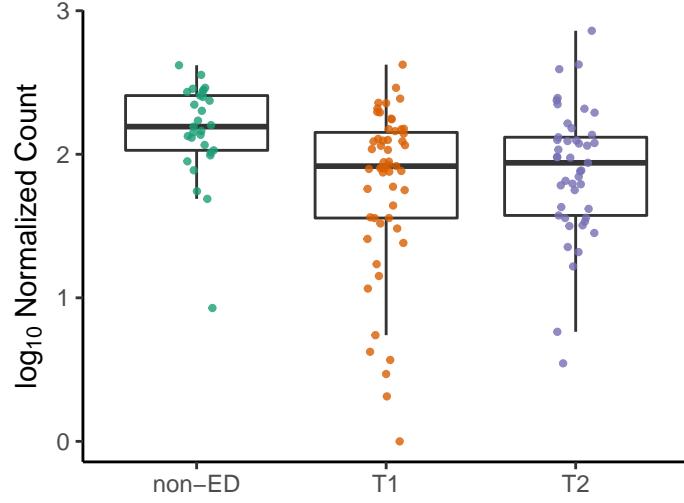
Glaciecola

non-ED vs. T1 adjusted p = 0.026
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



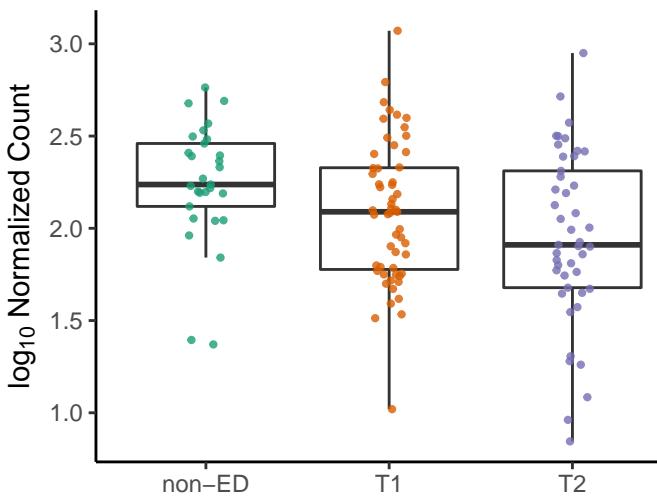
Herminiimonas

non-ED vs. T1 adjusted p = 0.0032
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



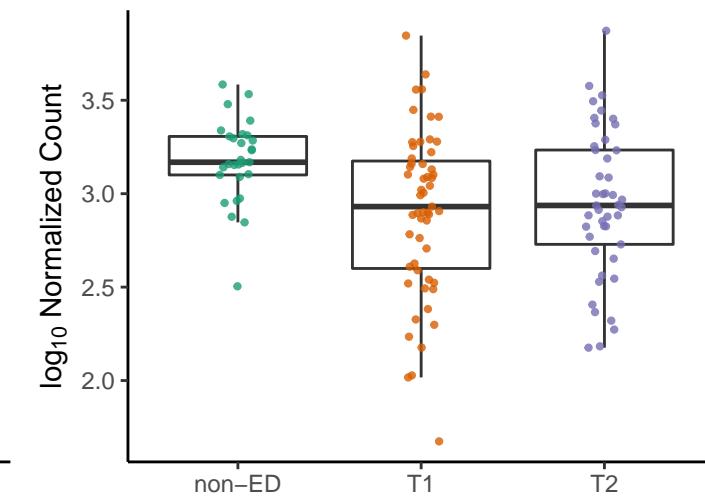
Lacinutrix

non-ED vs. T1 adjusted p = 0.076
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



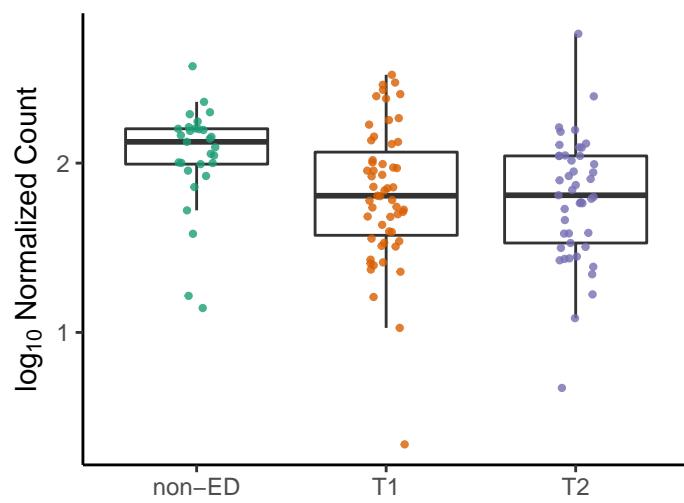
Lysobacter

non-ED vs. T1 adjusted p = 0.0036
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



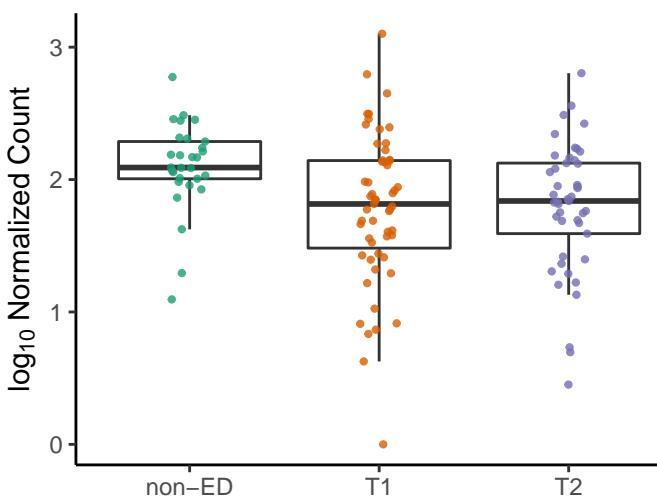
Natranaerobius

non-ED vs. T1 adjusted p = 0.016
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.83



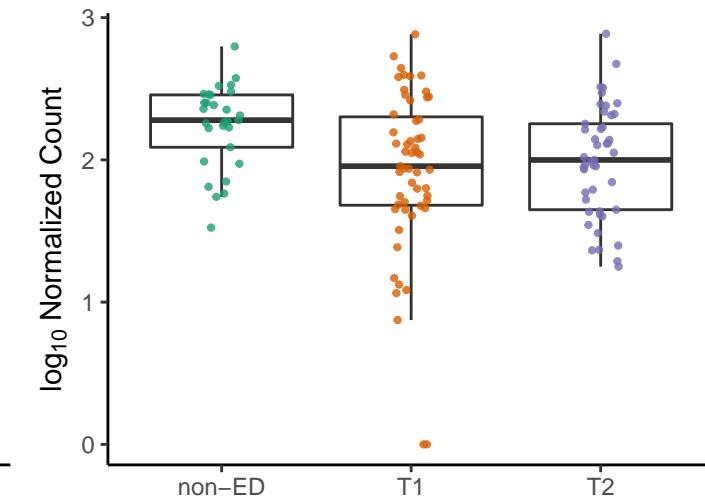
Salinisphaera

non-ED vs. T1 adjusted p = 0.0082
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.81



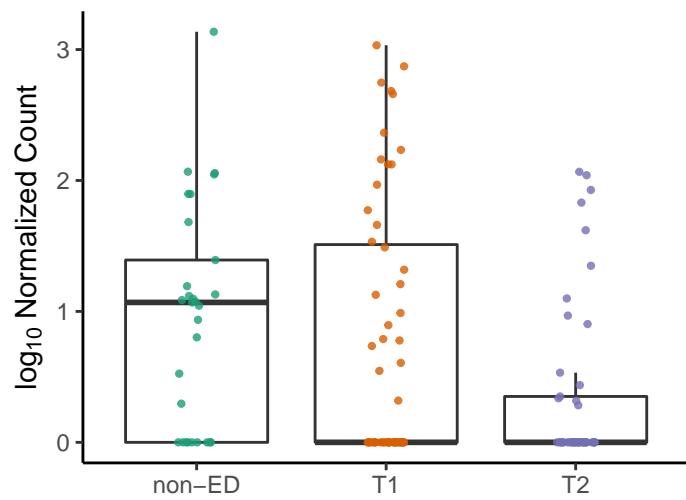
Streptomonospora

non-ED vs. T1 adjusted p = 0.006
 non-ED vs. T2 adjusted p = 0.014
 T1 vs. T2 adjusted p = 0.79



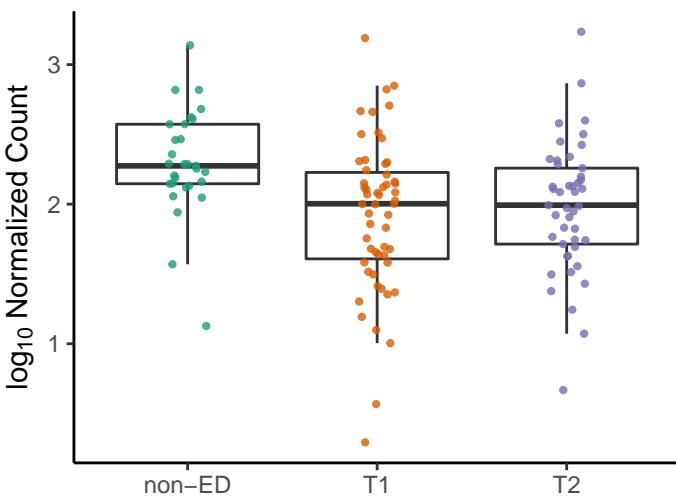
Unclassified Verrucomicrobiales Order

non-ED vs. T1 adjusted p = 0.44
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.69



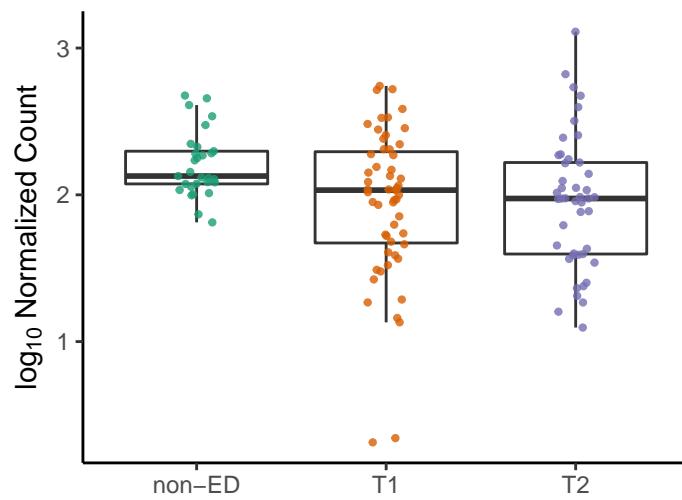
Rhodomicrobium

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.82



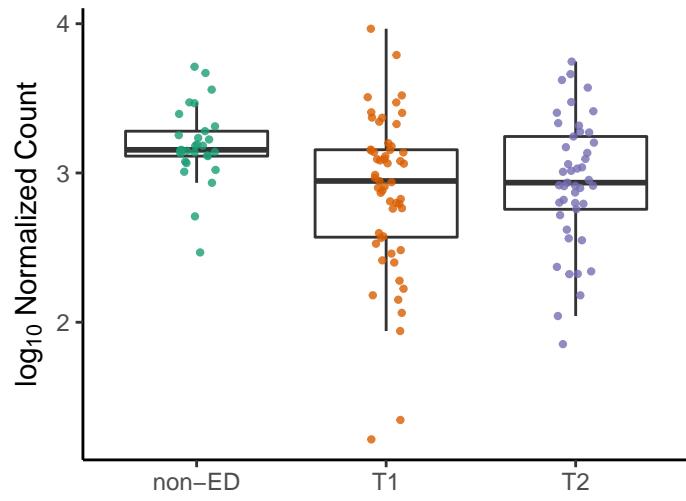
Unclassified Methanomassiliicoccaceae

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.86



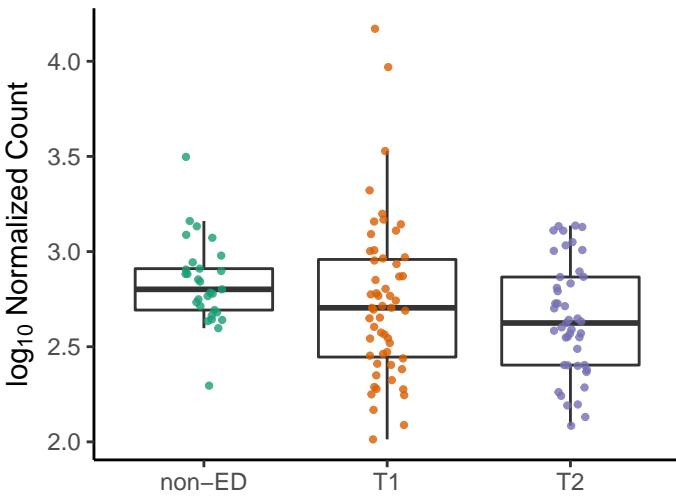
Caulobacter

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



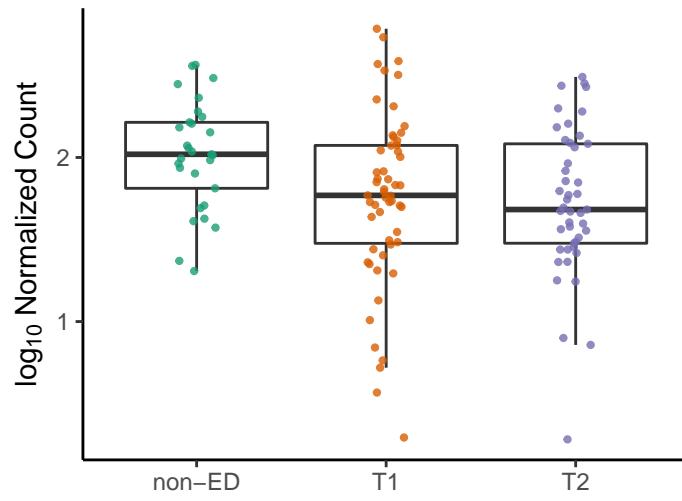
Leclercia

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.83



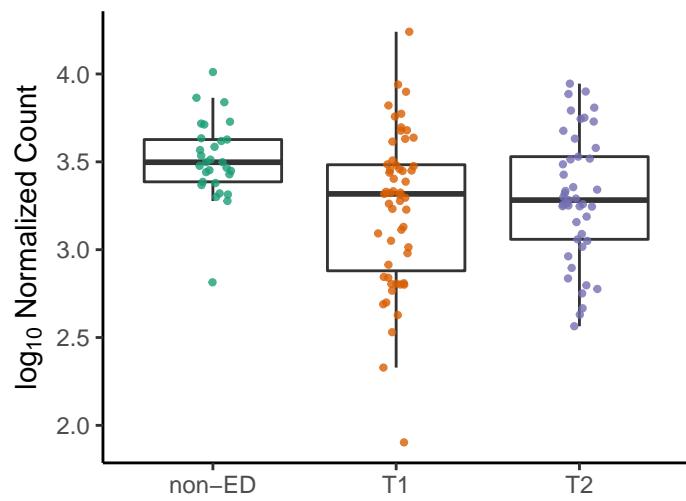
Lichenhabitans

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.97



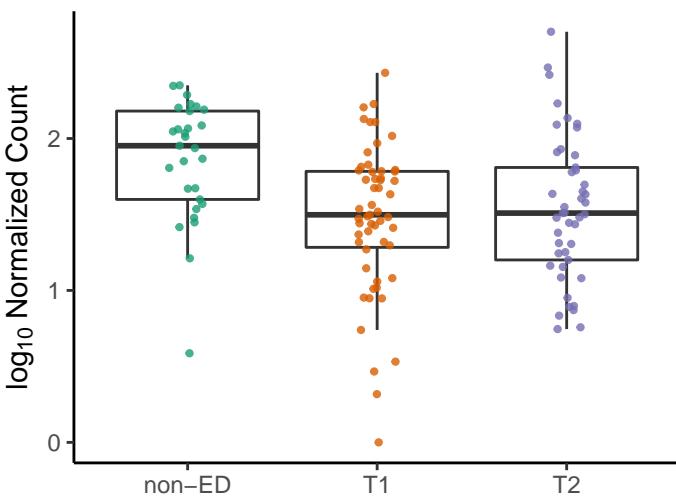
Nocardia

non-ED vs. T1 adjusted p = 0.0038
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



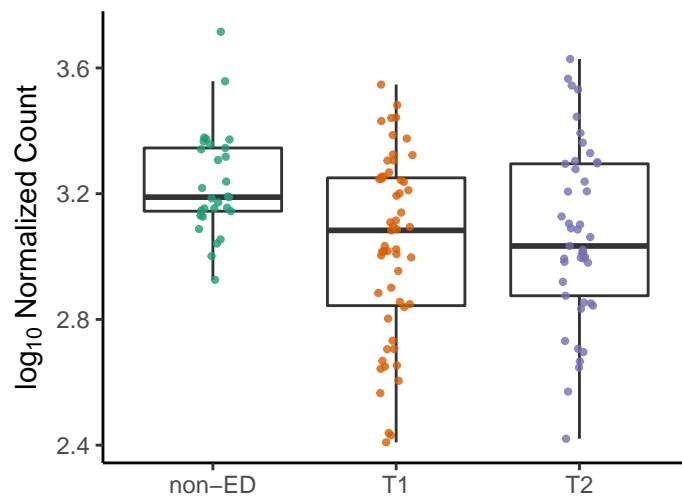
Unclassified Natrialbaceae Family

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.8



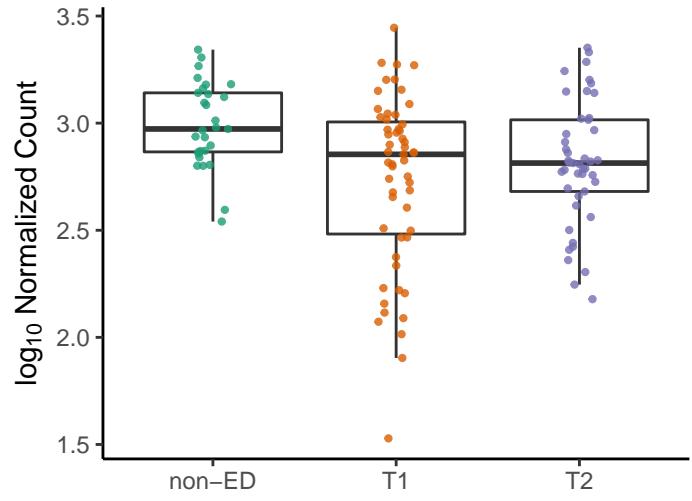
Pantoea

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



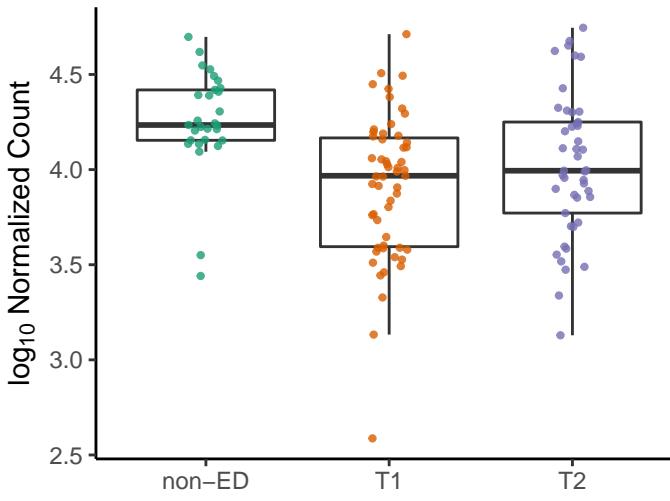
Sulfitobacter

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



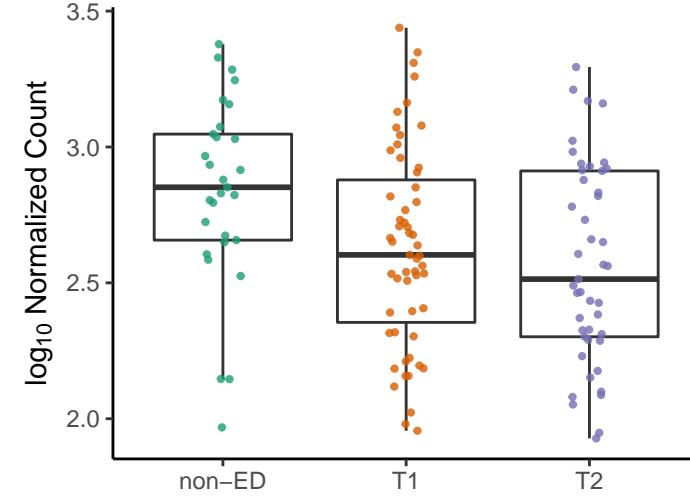
Unclassified Ruminococcaceae Family

non-ED vs. T1 adjusted p = 0.0011
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



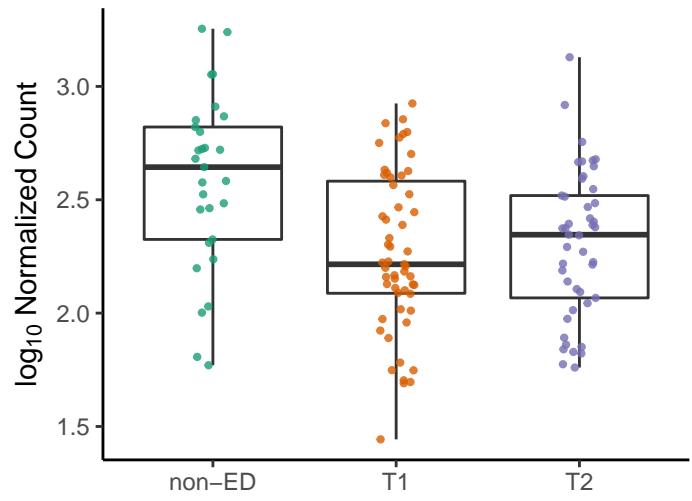
Buchnera

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.8



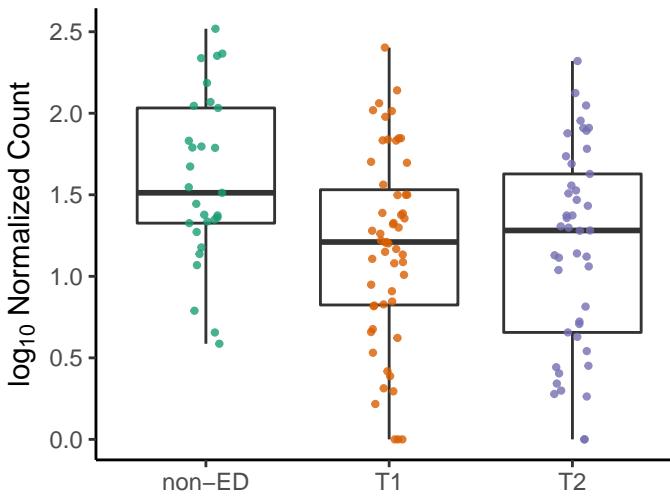
Unclassified Negativicutes Class

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.79



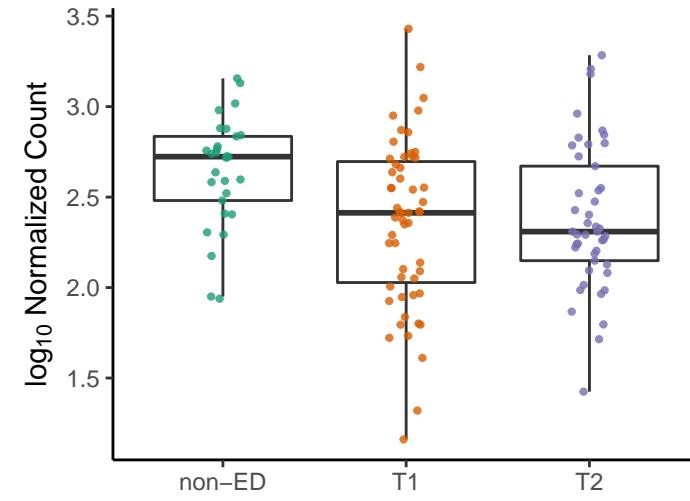
Unclassified Promicromonosporaceae F

non-ED vs. T1 adjusted p = 0.0074
non-ED vs. T2 adjusted p = 0.014
T1 vs. T2 adjusted p = 0.86



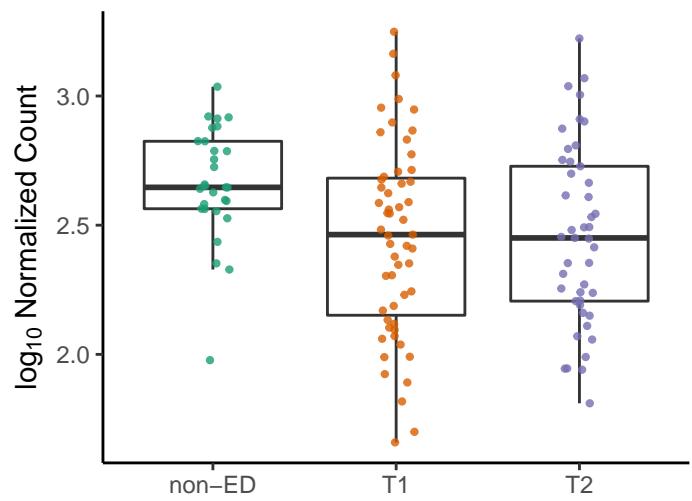
Colletotrichum

non-ED vs. T1 adjusted p = 0.0061
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.79



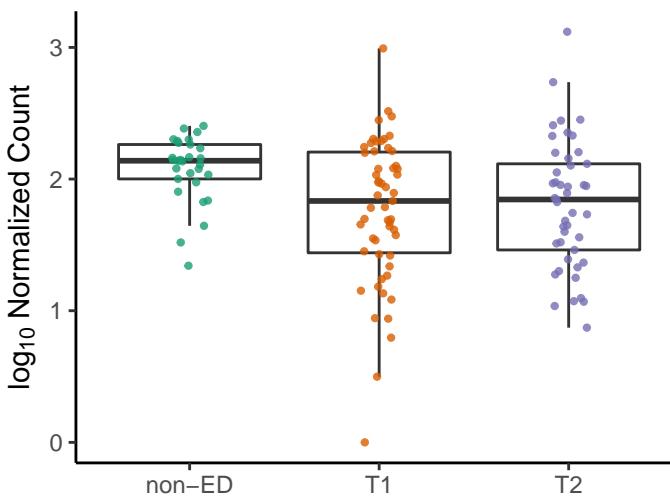
Nonlabens

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.92



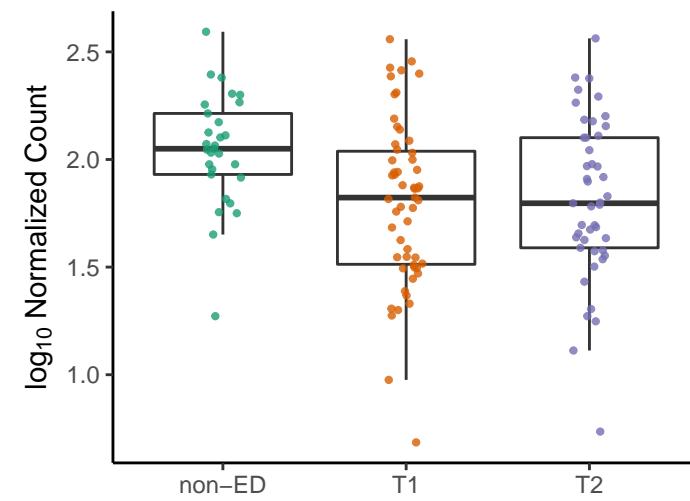
Pelagibacterium

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.85



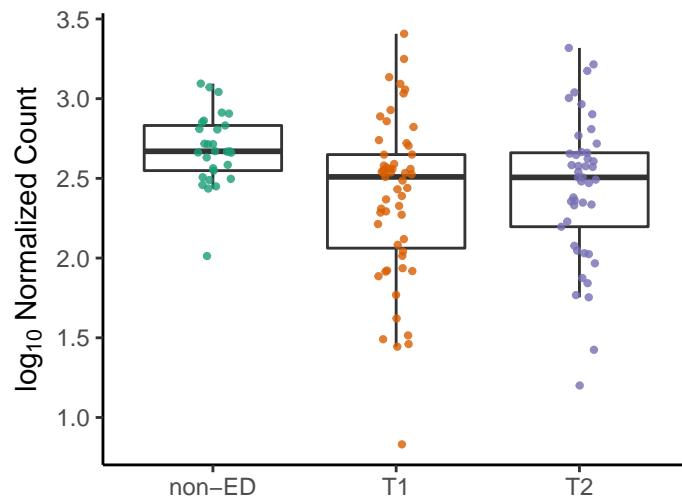
Desulfotalea

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.87



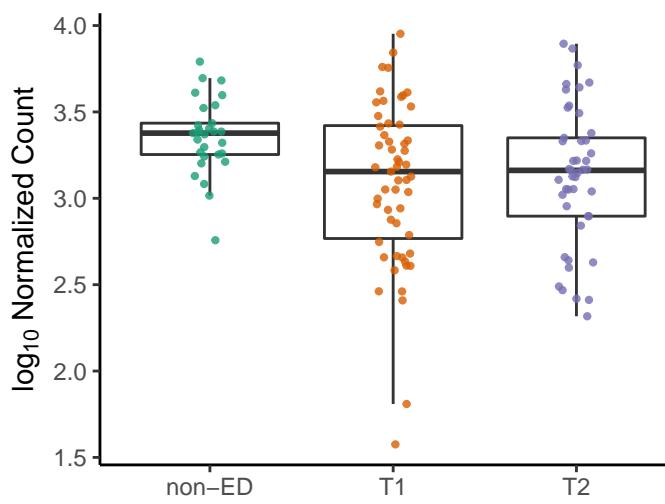
Thiomonas

non-ED vs. T1 adjusted p = 0.0036
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.79



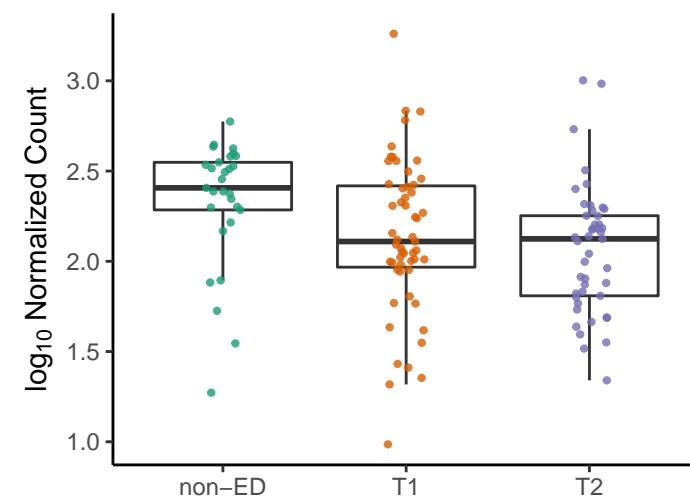
Methylobacterium

non-ED vs. T1 adjusted p = 0.0047
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.79



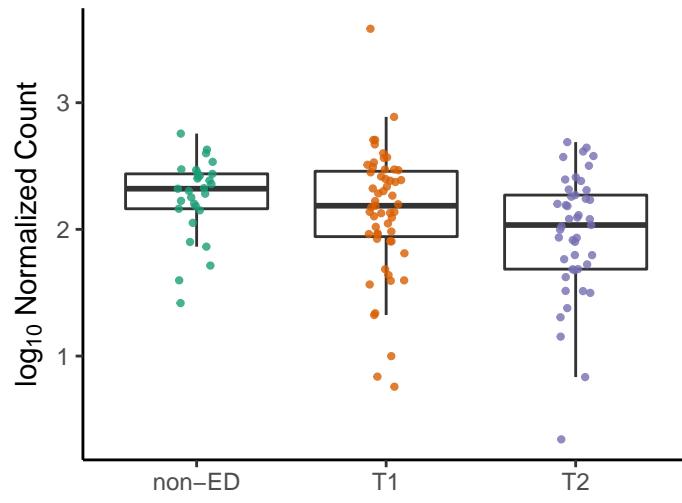
Fastidiosipila

non-ED vs. T1 adjusted p = 0.053
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.79



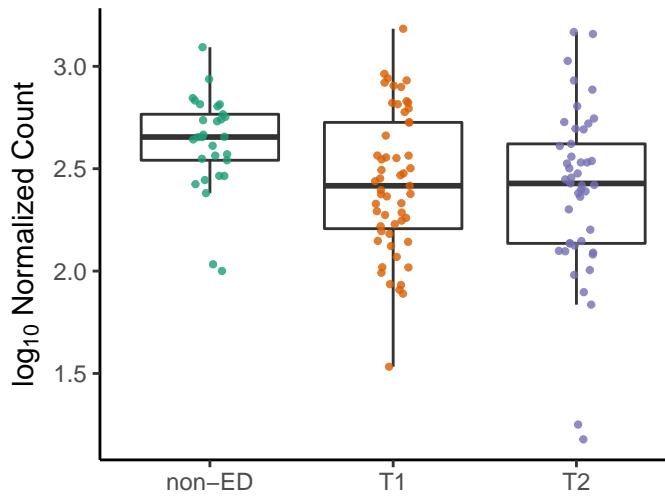
Fermentimonas

non-ED vs. T1 adjusted p = 0.23
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.51



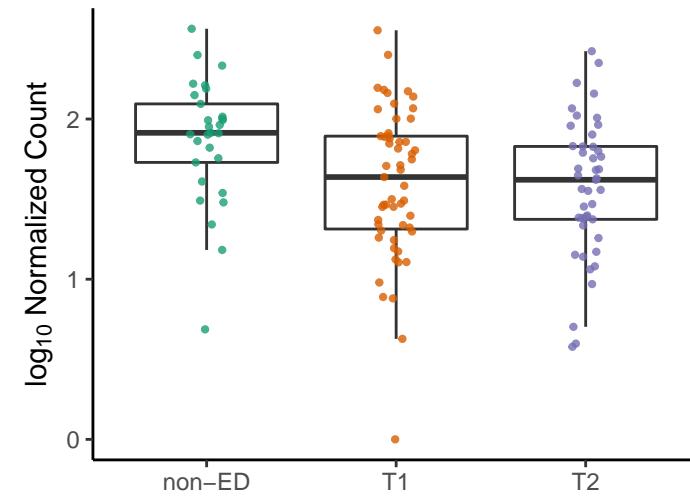
Anaerococcus

non-ED vs. T1 adjusted p = 0.01
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.81



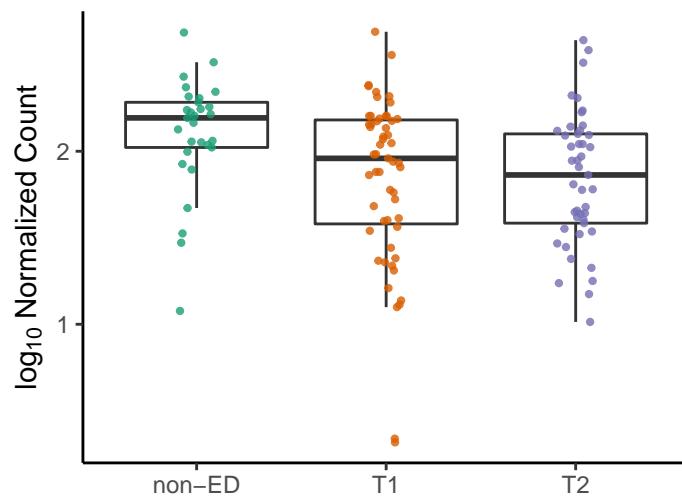
Calditerrivibrio

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



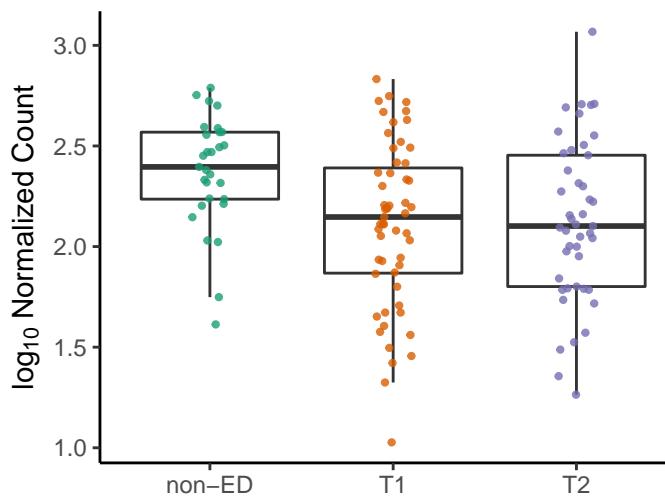
Pontibacillus

non-ED vs. T1 adjusted p = 0.014
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.93



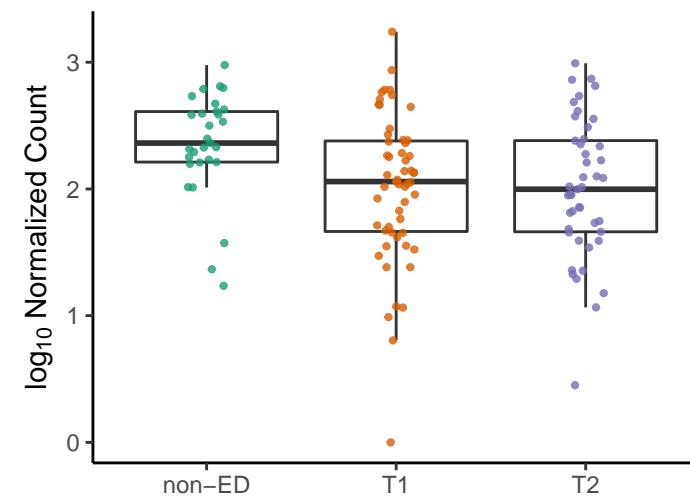
Salinibacterium

non-ED vs. T1 adjusted p = 0.0053
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.81



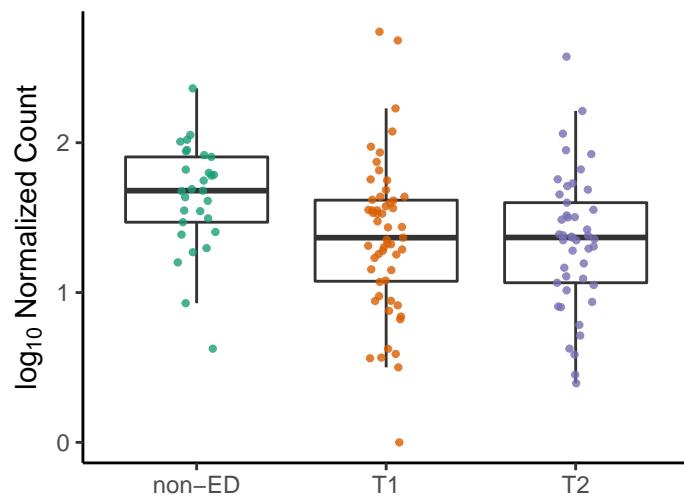
Halobacterium

non-ED vs. T1 adjusted p = 0.01
 non-ED vs. T2 adjusted p = 0.015
 T1 vs. T2 adjusted p = 0.89



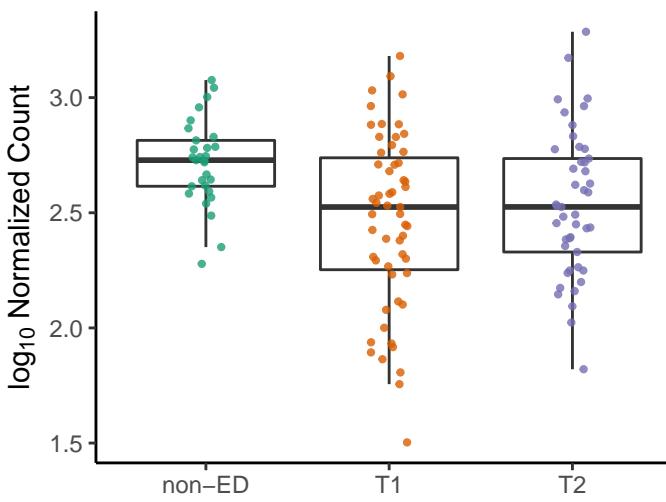
Nitratiruptor

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



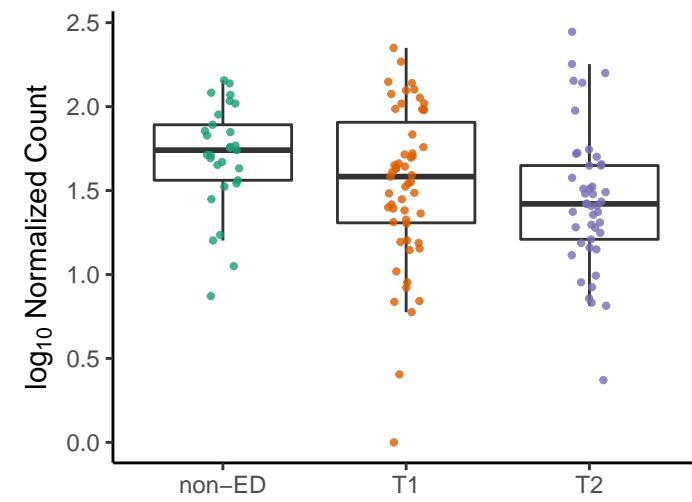
Ochrobactrum

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.79



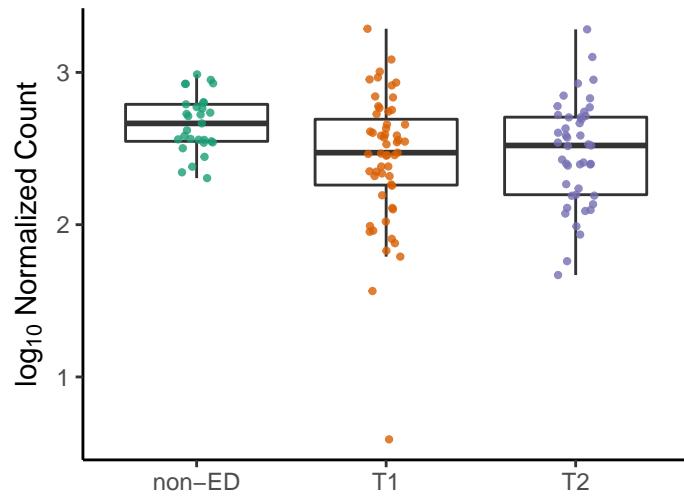
Unclassified Fusobacteriales Order

non-ED vs. T1 adjusted p = 0.072
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.79



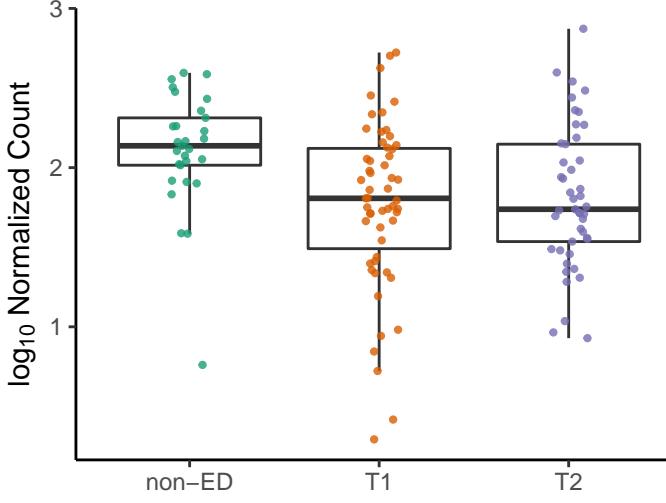
Unclassified Sphingomonadaceae Family

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.8



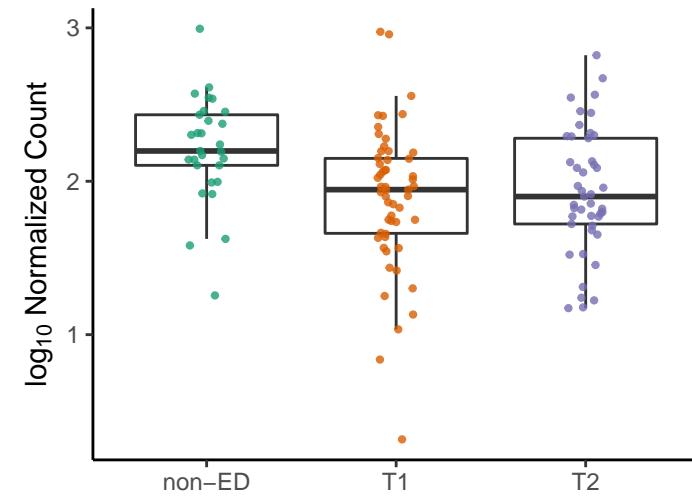
Chitinolyticbacter

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.86



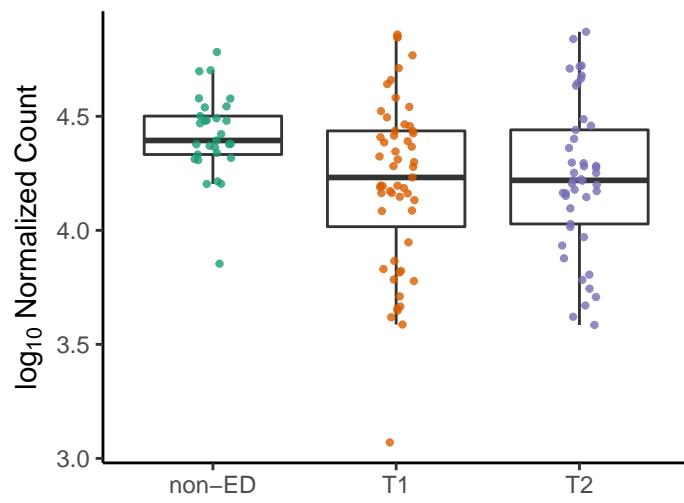
Nitratifractor

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.79



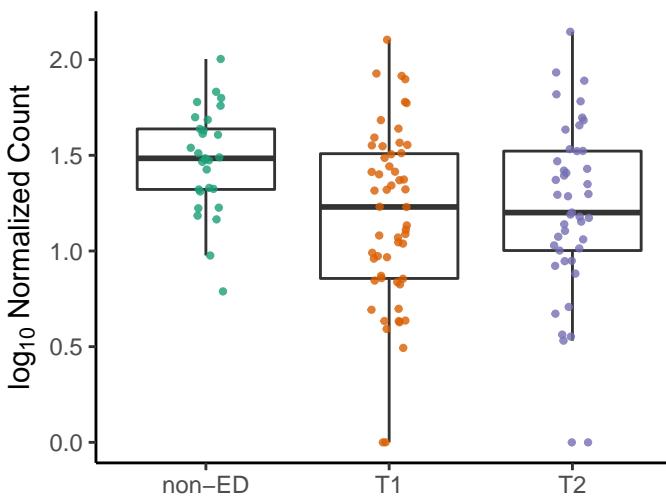
Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted p = 0.0056
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.79



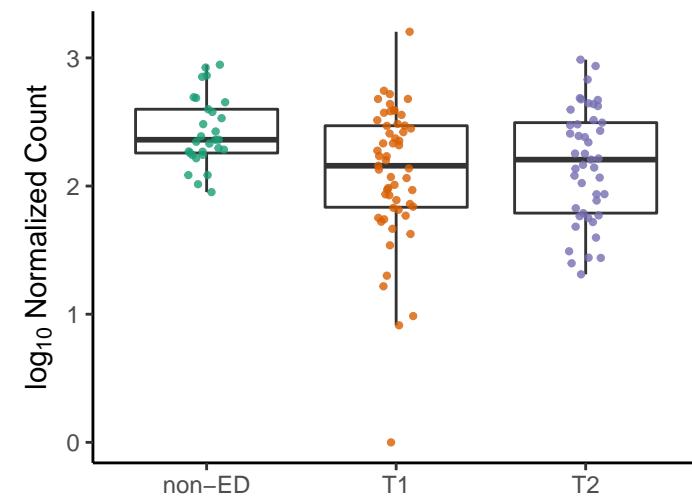
Unclassified Spirochaetaceae Family

non-ED vs. T1 adjusted p = 0.0039
non-ED vs. T2 adjusted p = 0.015
T1 vs. T2 adjusted p = 0.81



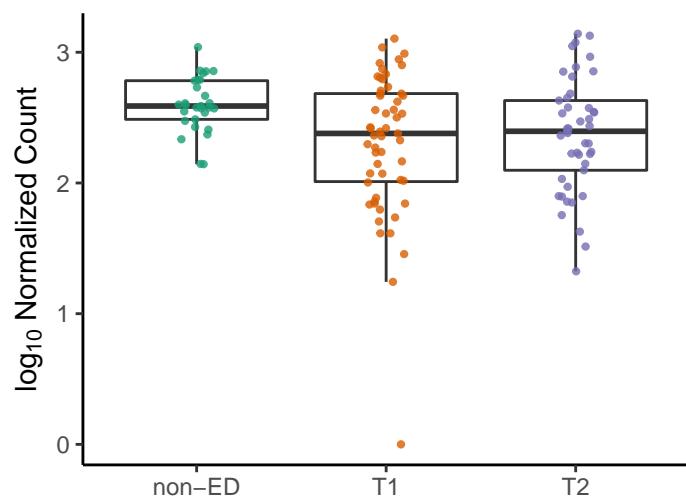
Plantibacter

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



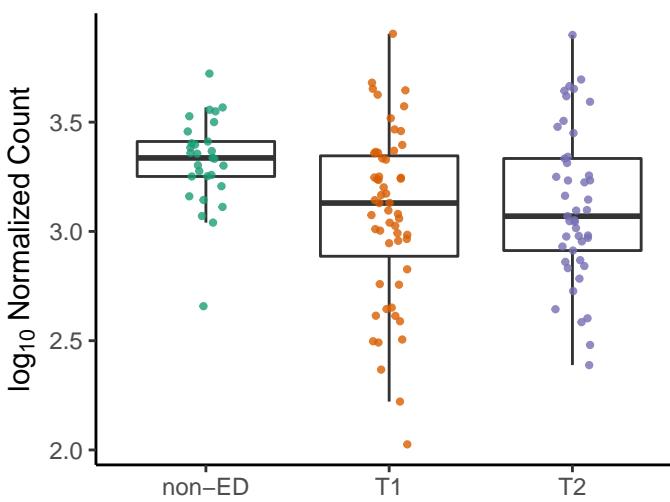
Unclassified Sphingomonadales Order

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



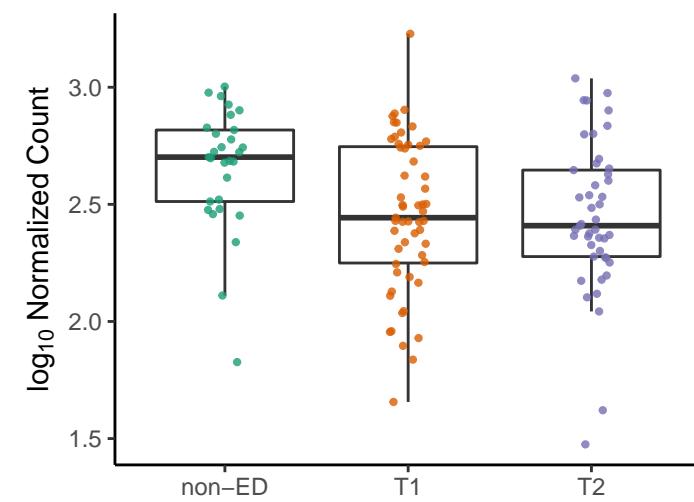
Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



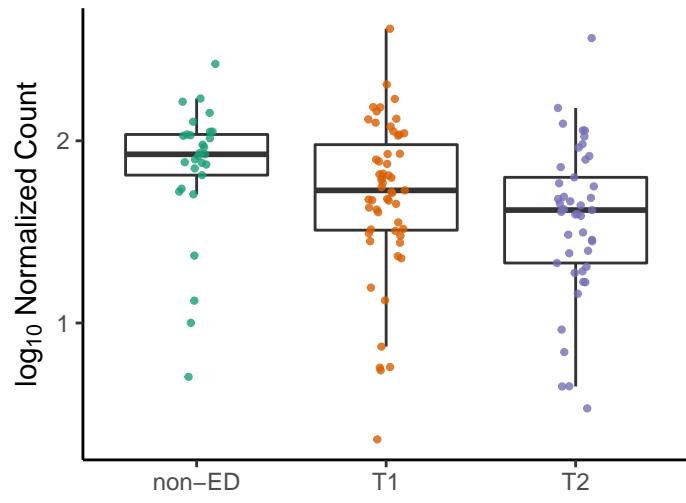
Arachidicoccus

non-ED vs. T1 adjusted p = 0.0092
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.96



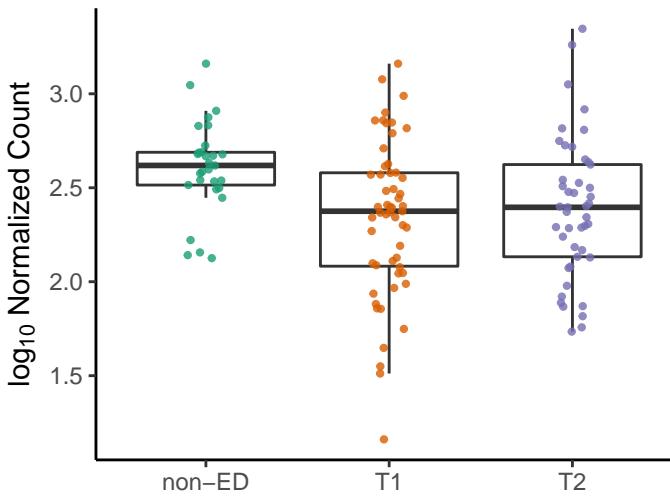
Fabibacter

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



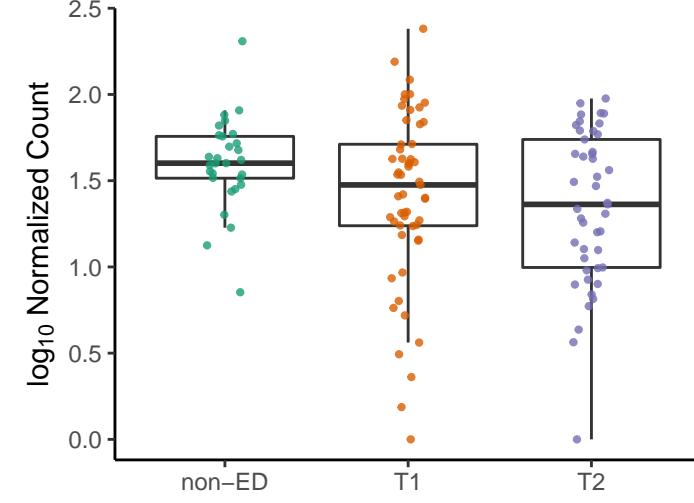
Fibrobacter

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



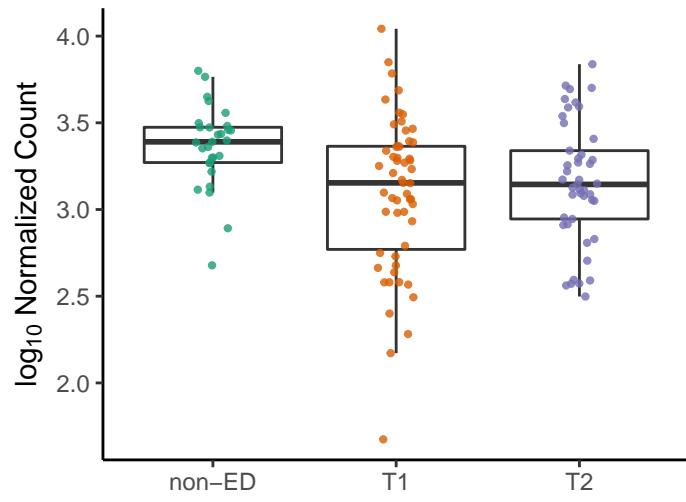
Jonesia

non-ED vs. T1 adjusted p = 0.045
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 1



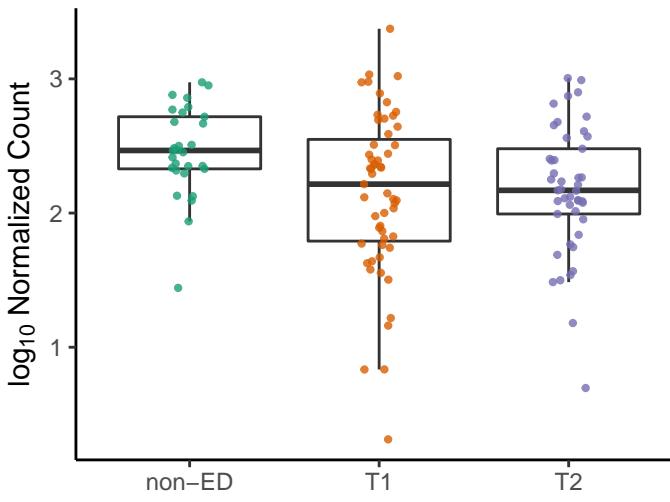
Massilia

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



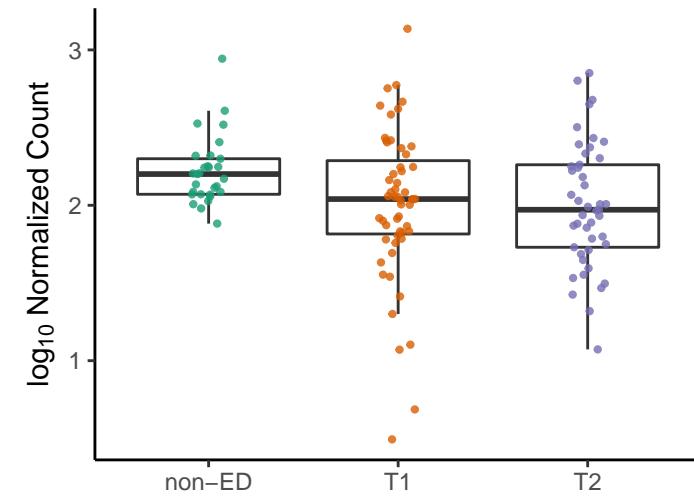
Melittangium

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.8



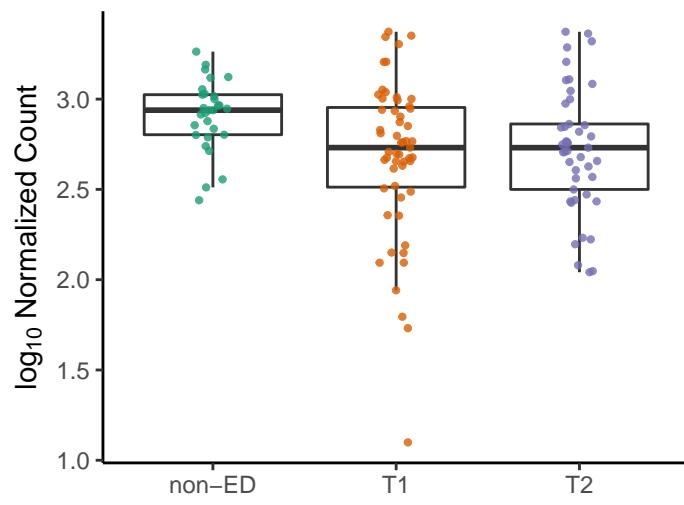
Micavibrio

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



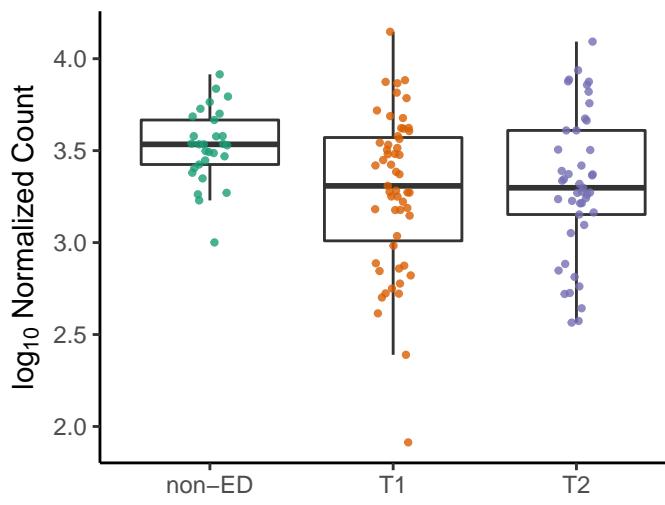
Pseudarthrobacter

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



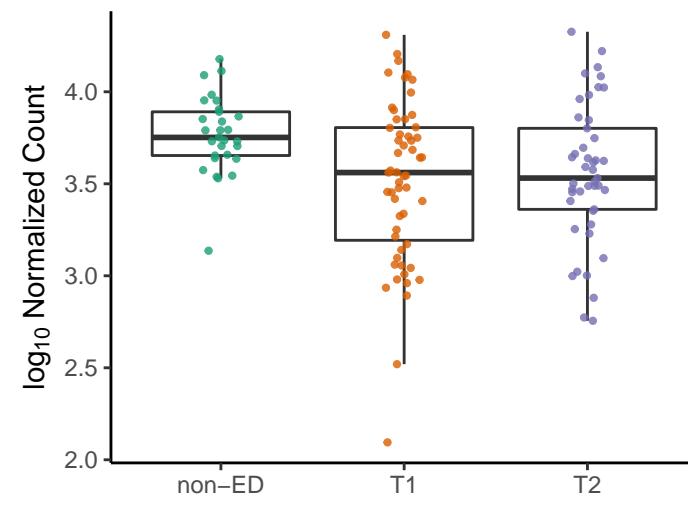
Sphingomonas

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



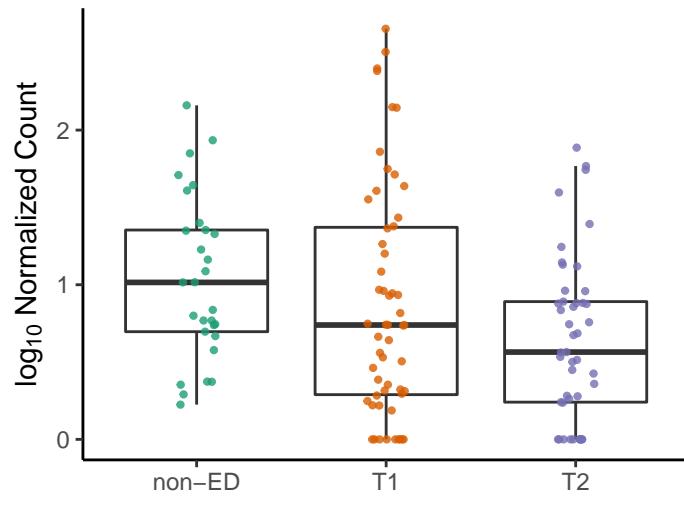
Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



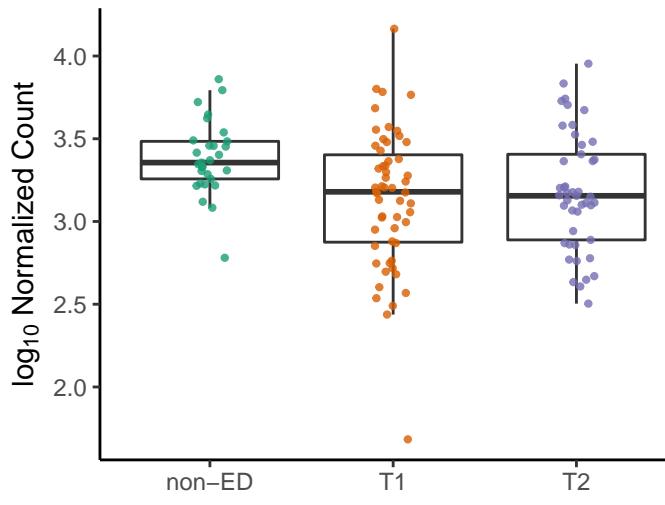
Unclassified Sordariomycetes Class

non-ED vs. T1 adjusted p = 0.27
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



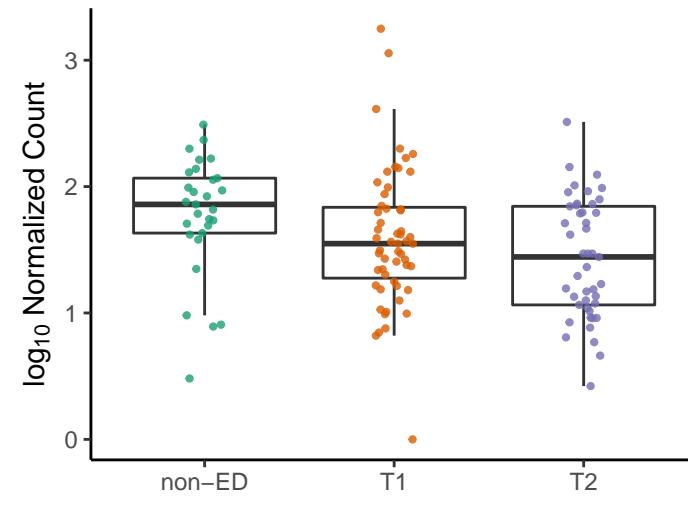
Xanthomonas

non-ED vs. T1 adjusted p = 0.0051
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



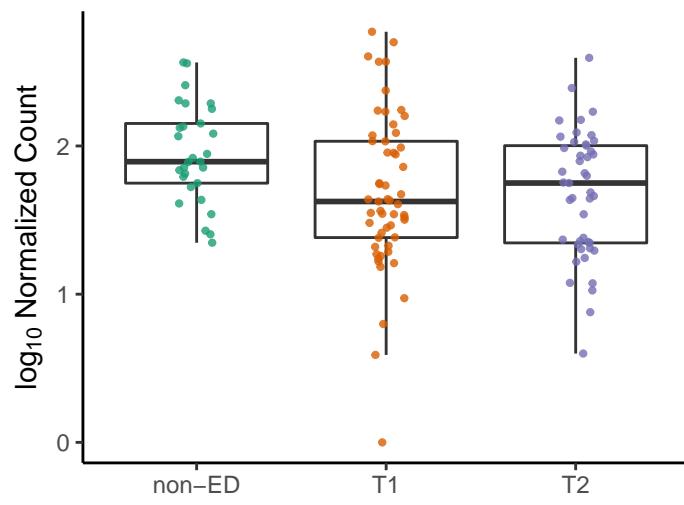
Lutibacter

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



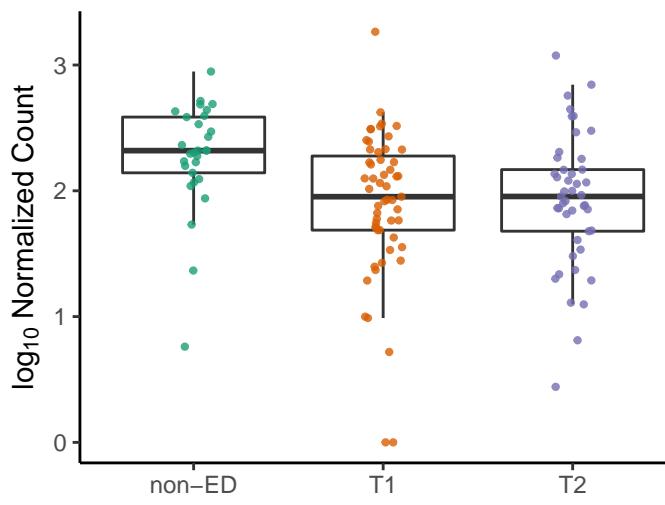
Pyrobaculum

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 1



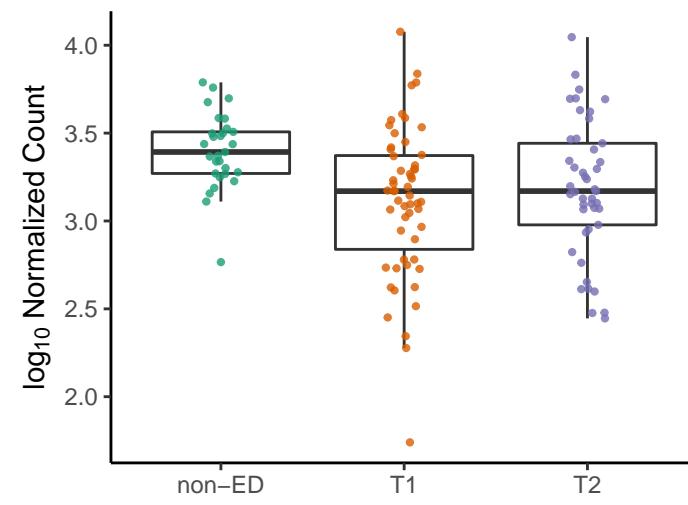
Salinicola

non-ED vs. T1 adjusted p = 0.0063
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.8



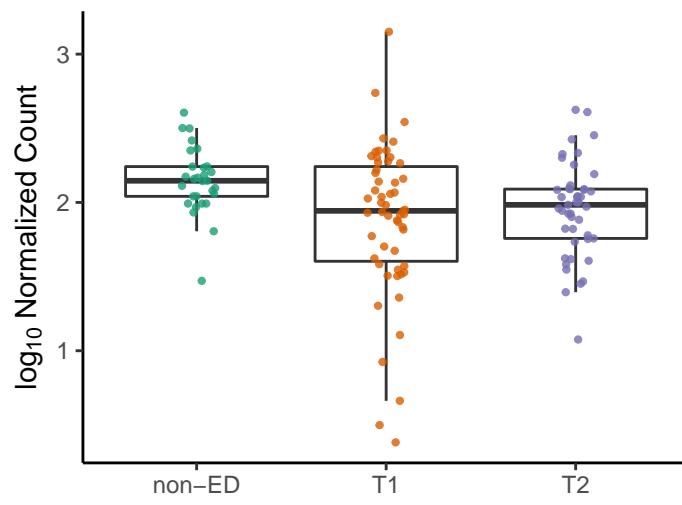
Variovorax

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



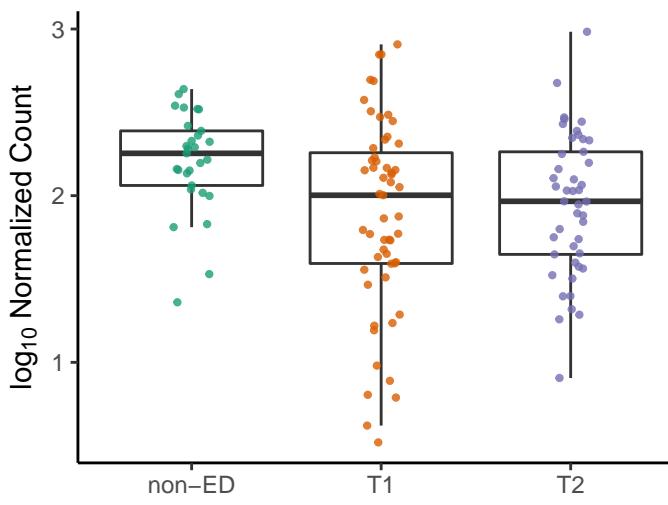
Kerstersia

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



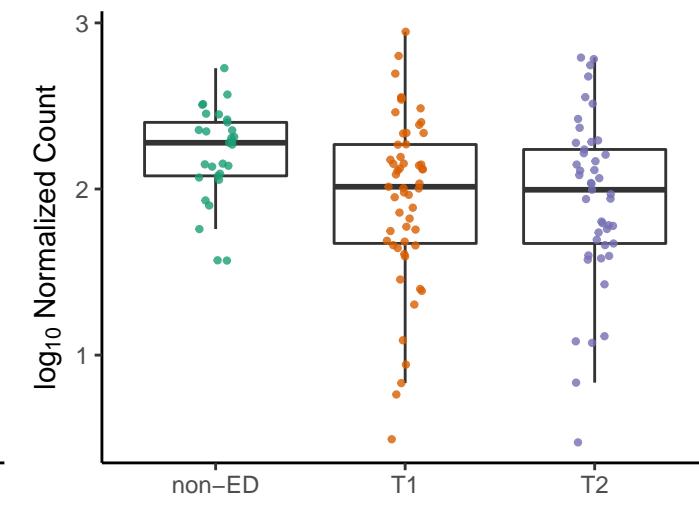
Defluviimonas

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.8



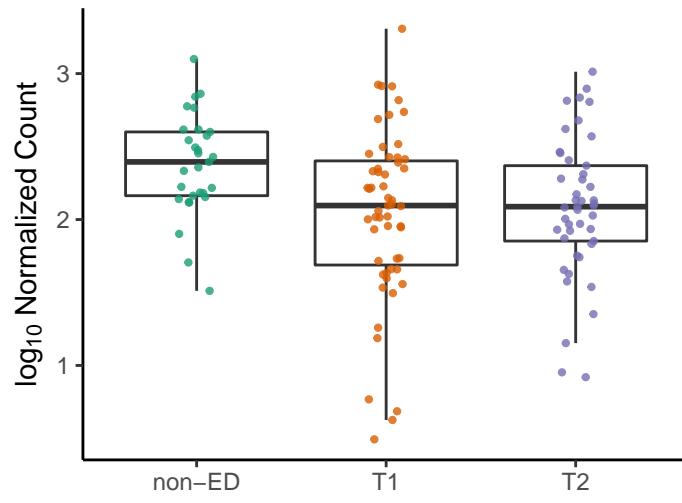
Desulfoglaeba

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.95



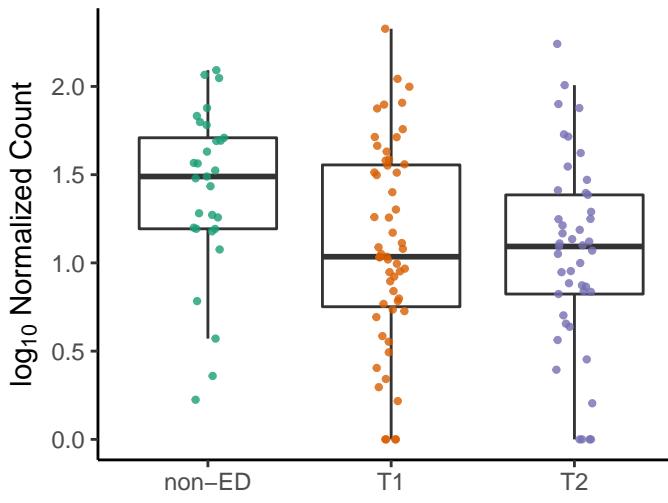
Rhizobacter

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



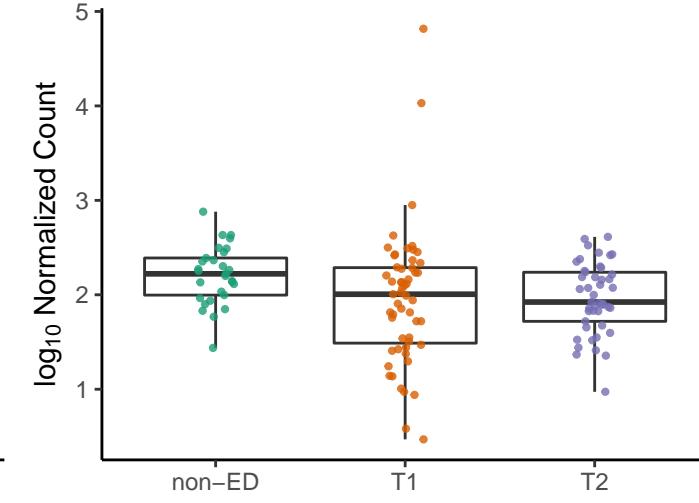
Candidatus Amoebophilus

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.9



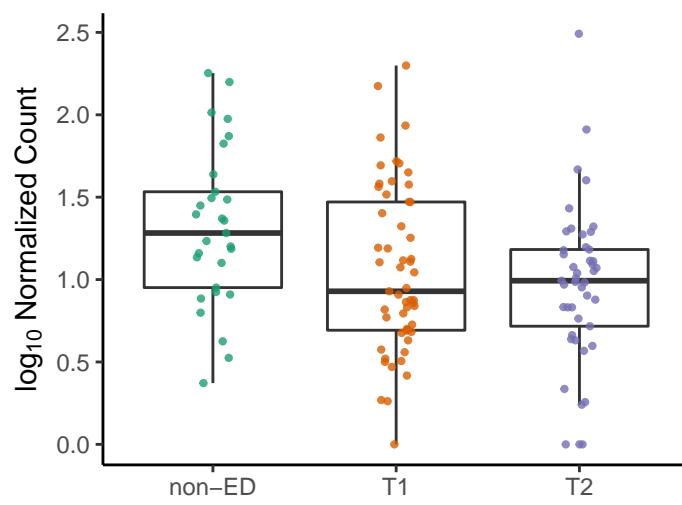
Actinotignum

non-ED vs. T1 adjusted p = 0.048
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.91



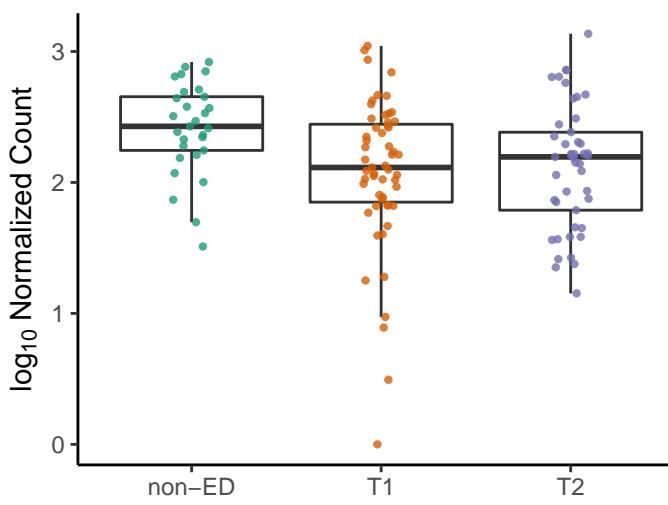
Candidatus Nardonella

non-ED vs. T1 adjusted p = 0.04
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.81



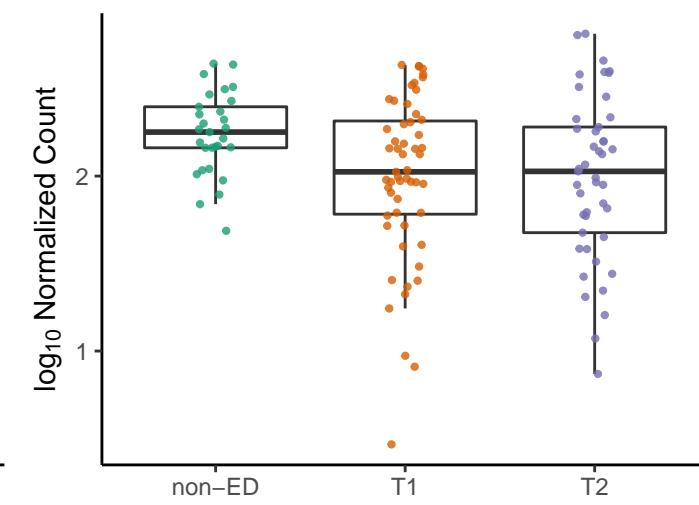
Isoptericola

non-ED vs. T1 adjusted p = 0.0065
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



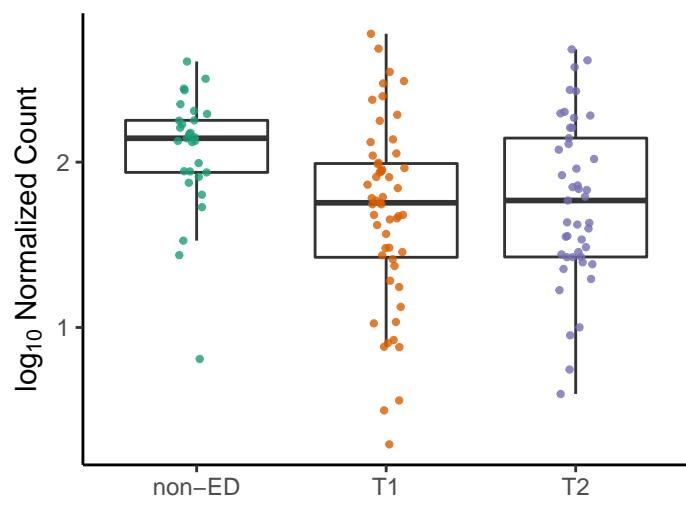
Sulfurivermis

non-ED vs. T1 adjusted p = 0.0077
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.9



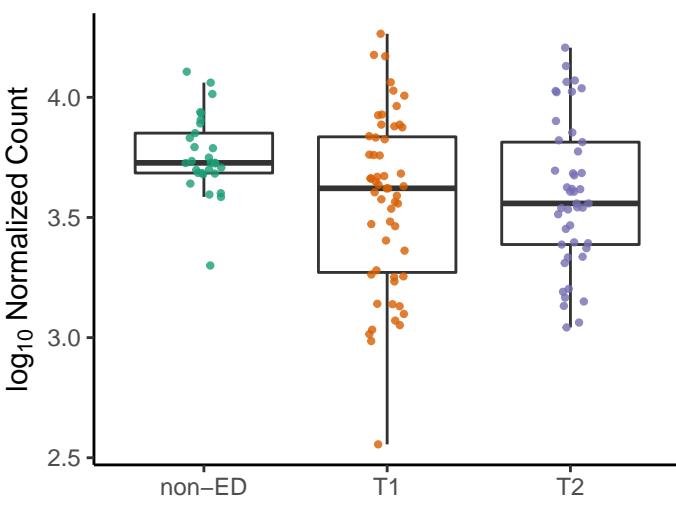
Unclassified Hungateiclostridiaceae Fam

non-ED vs. T1 adjusted p = 0.0043
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.79



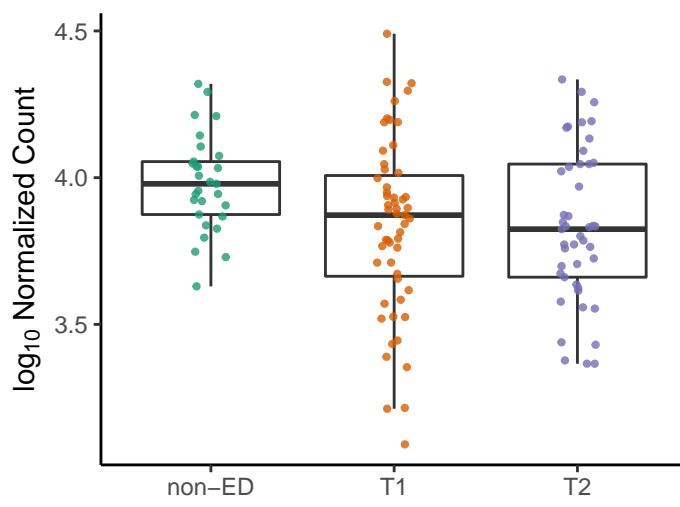
Unclassified Planctomycetes Phylum

non-ED vs. T1 adjusted p = 0.0065
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.8



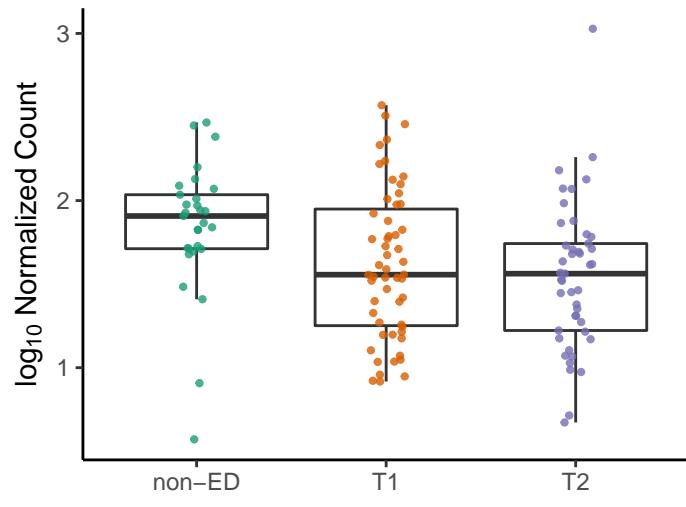
Unclassified Gammaproteobacteria Cl

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.016
T1 vs. T2 adjusted p = 0.8



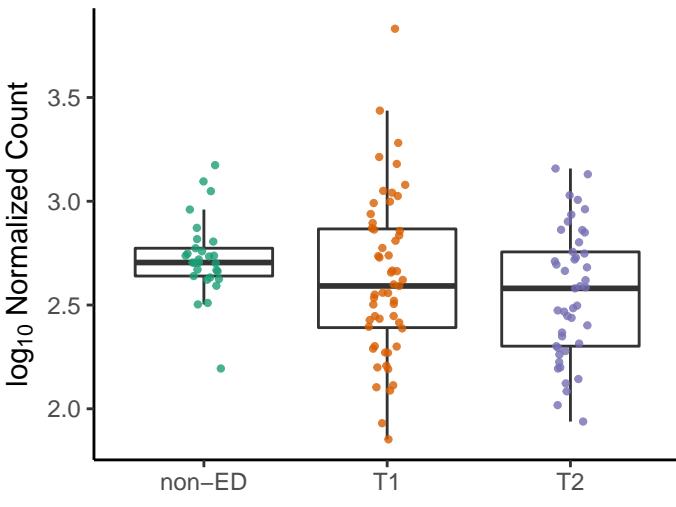
Bibersteinia

non-ED vs. T1 adjusted p = 0.04
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.81



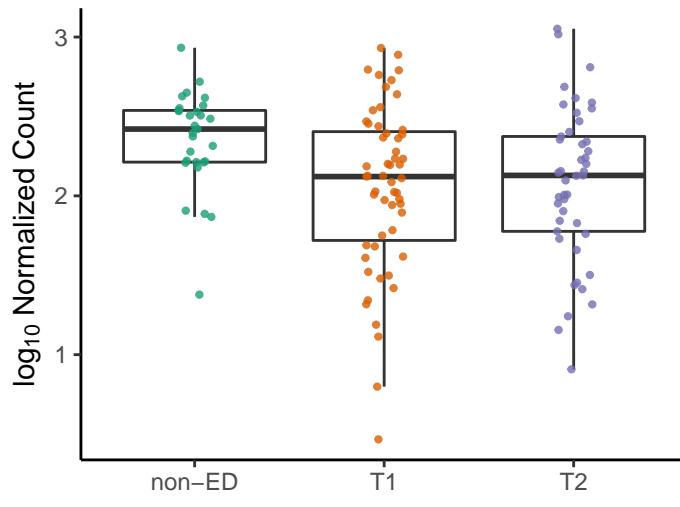
Cedecea

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.87



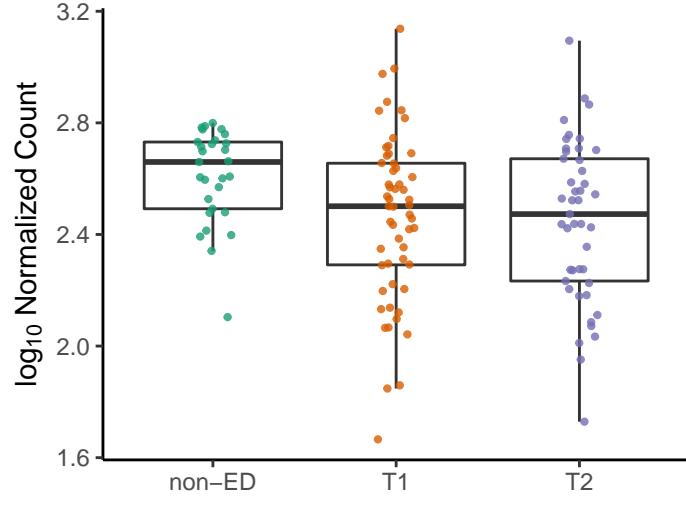
Salinispora

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.8



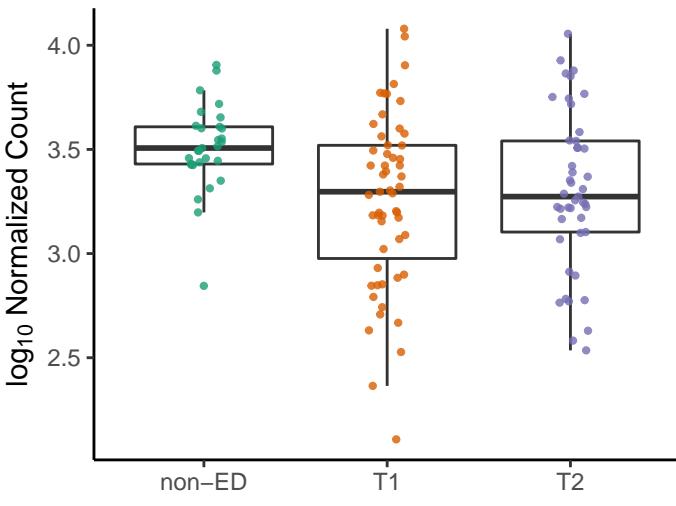
Thermotoga

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.99



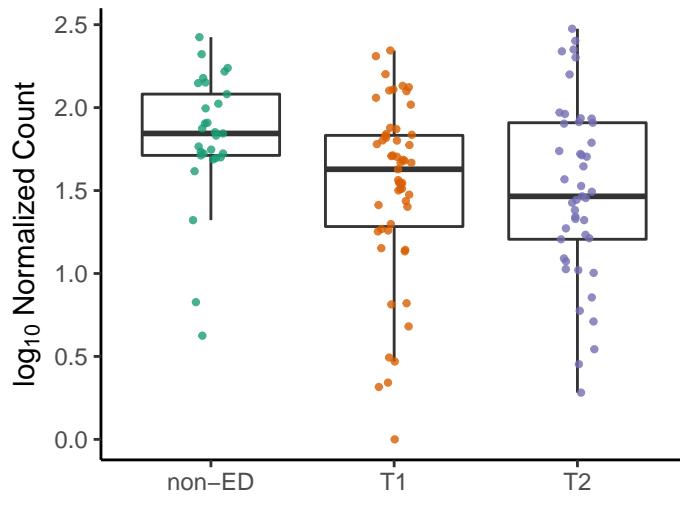
Cupriavidus

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



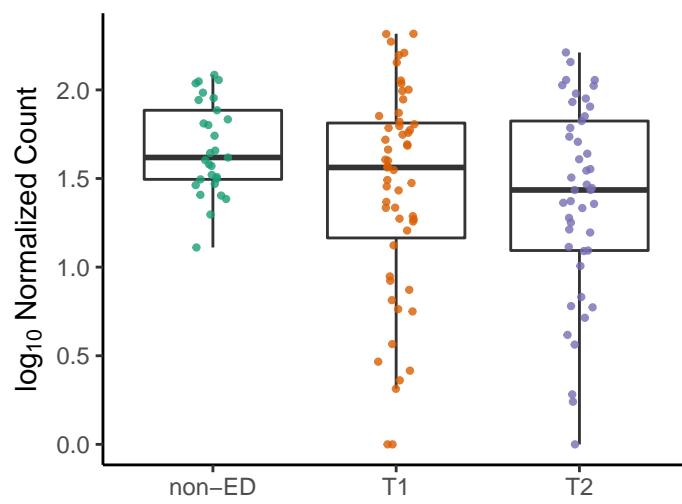
Halobellus

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.99



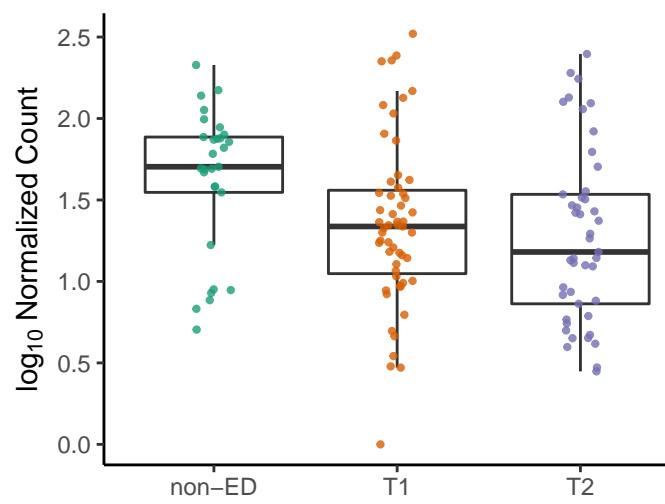
Unclassified Neisseriales Order

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.91



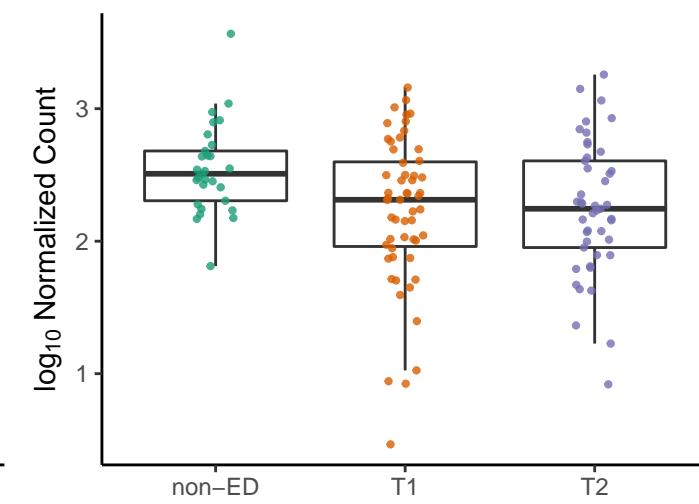
Unclassified Pelagibacteraceae Family

non-ED vs. T1 adjusted p = 0.028
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



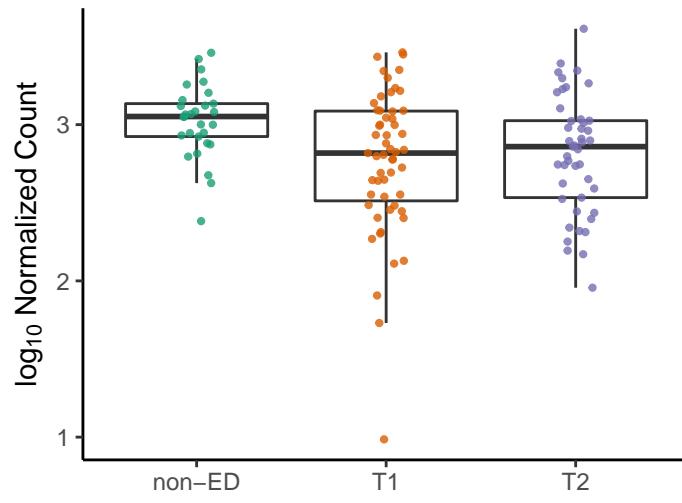
Phenylobacterium

non-ED vs. T1 adjusted p = 0.0073
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.81



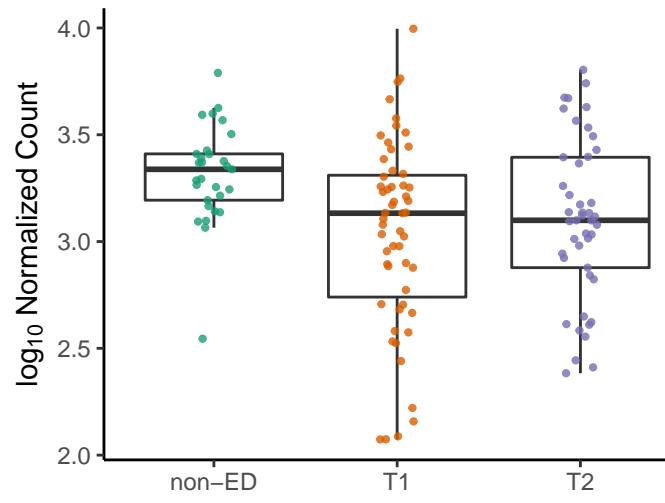
Unclassified Corynebacteriales Order

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



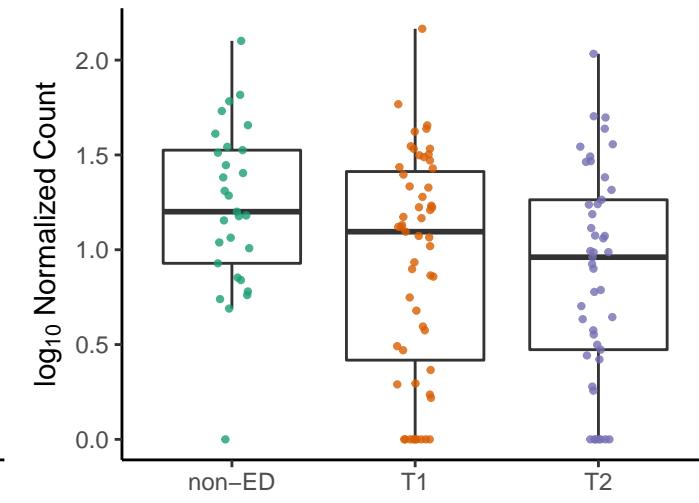
Paracoccus

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



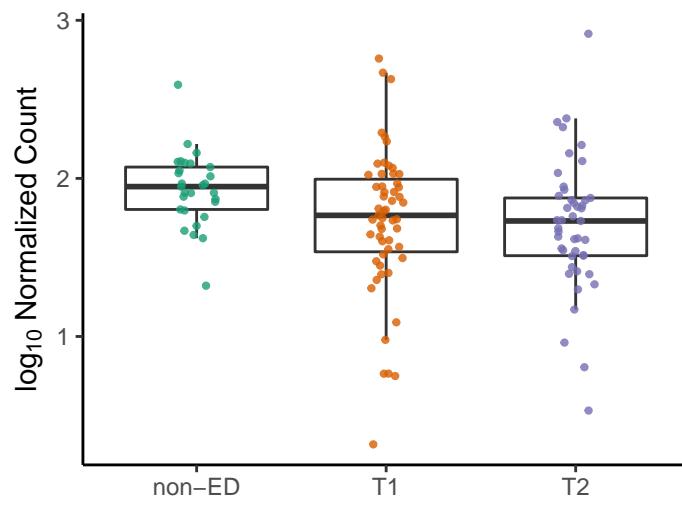
Unclassified Rhodobacterales Order

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.93



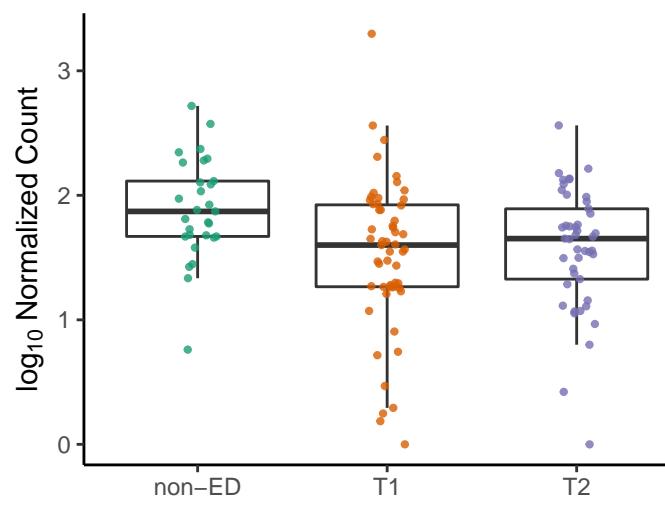
Saccharospirillum

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.9



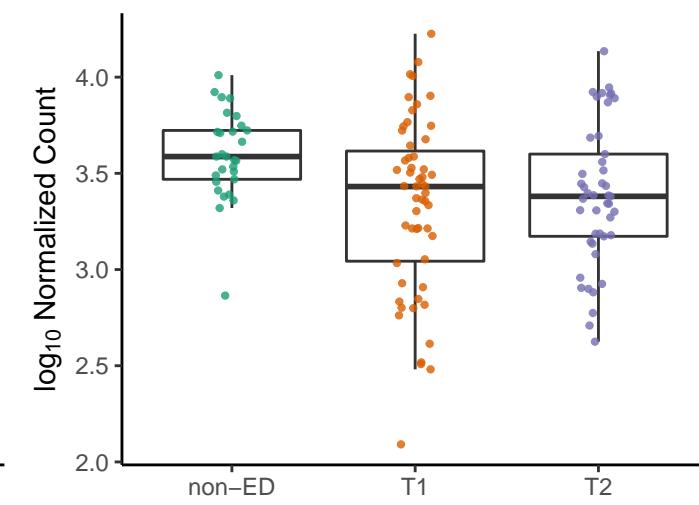
Methylovirgula

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



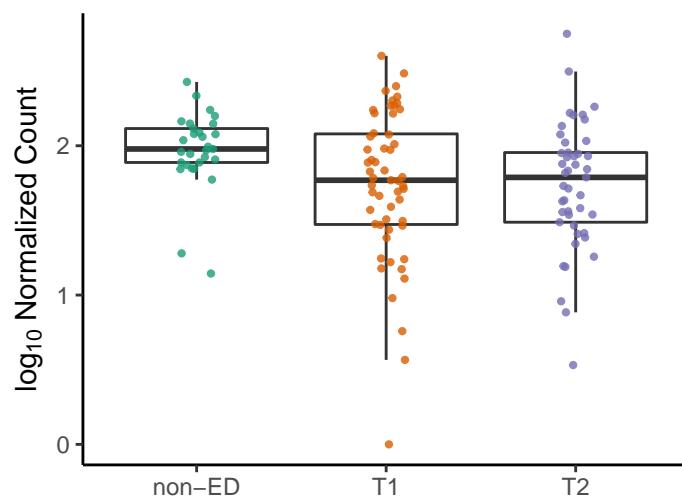
Deinococcus

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



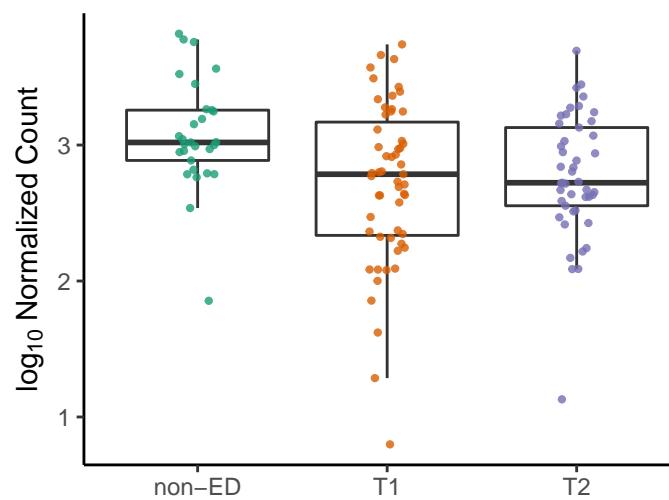
Methanococcoides

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.96



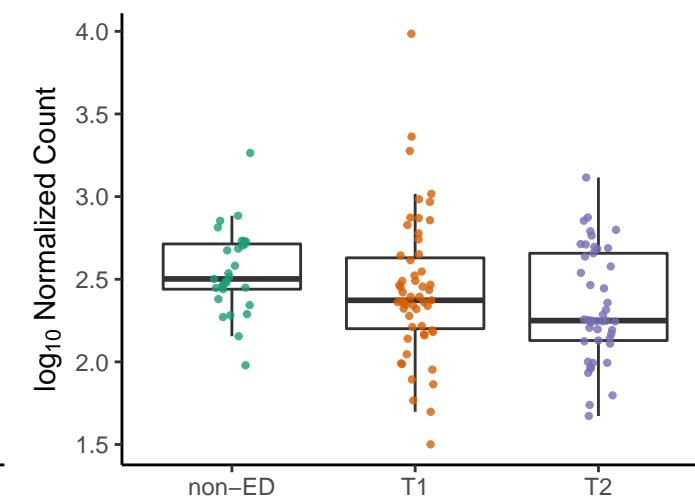
Denitrobacterium

non-ED vs. T1 adjusted p = 0.0073
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



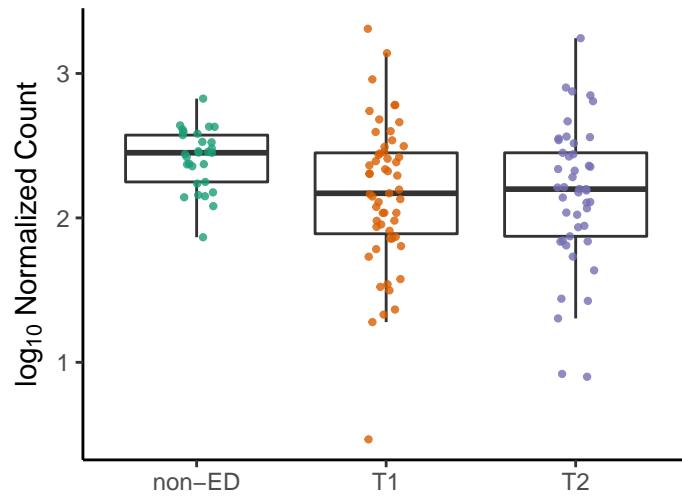
Lelliottia

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.86



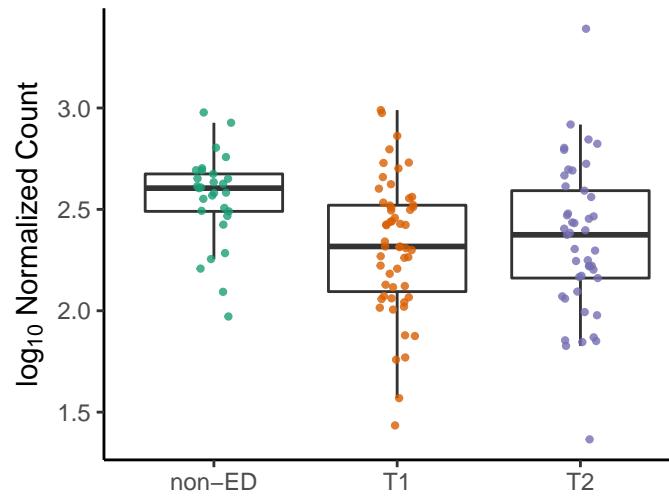
Ancylobacter

non-ED vs. T1 adjusted p = 0.0087
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.9



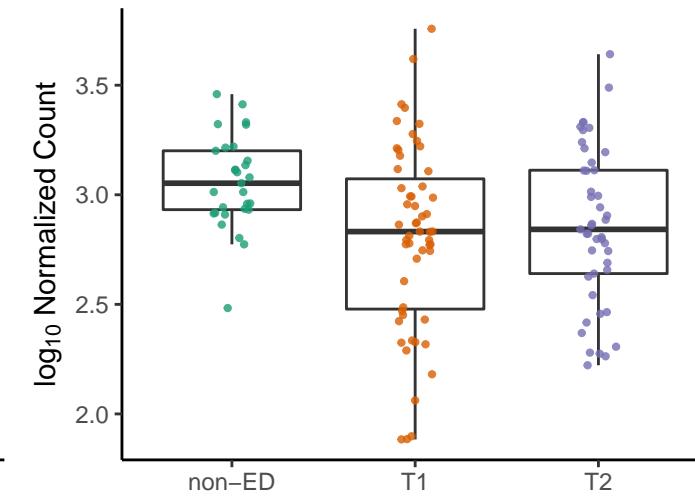
Aspergillus

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.87



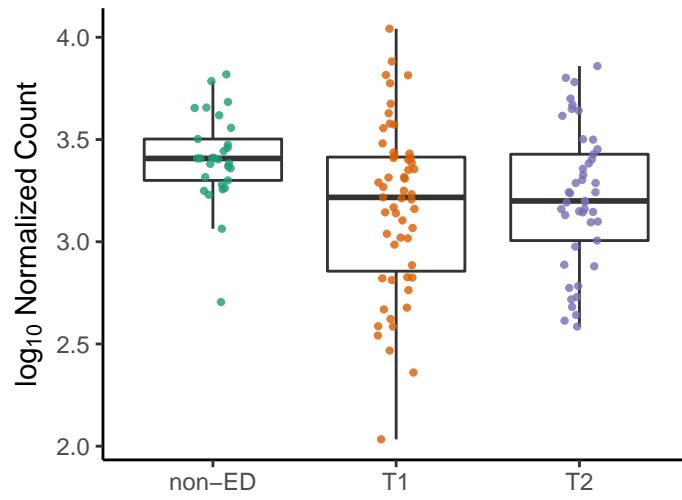
Azoarcus

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



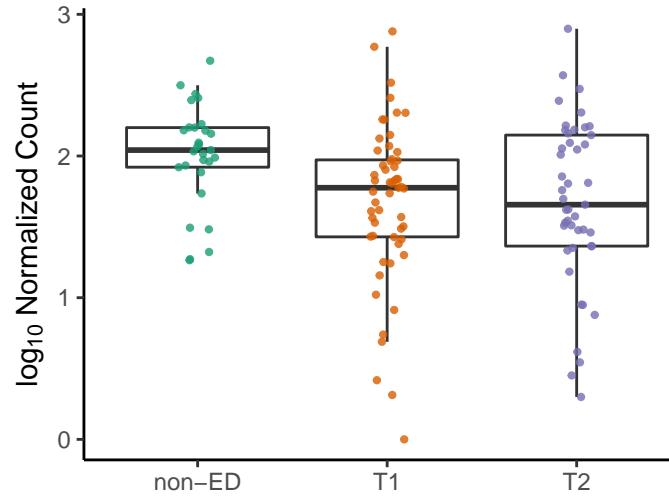
Bordetella

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



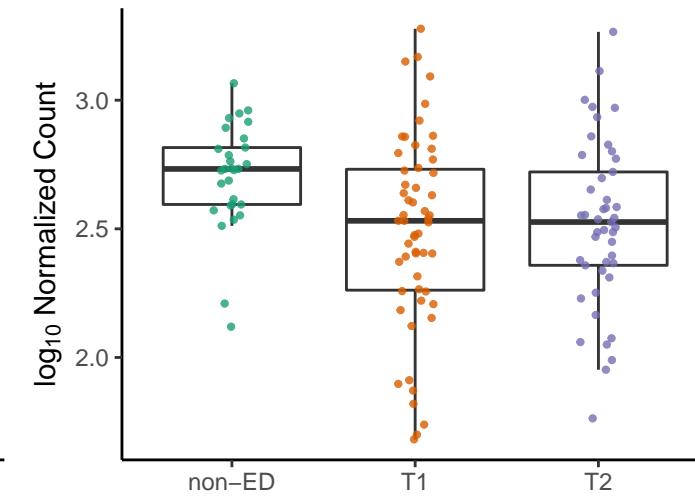
Variibacter

non-ED vs. T1 adjusted p = 0.0072
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.83



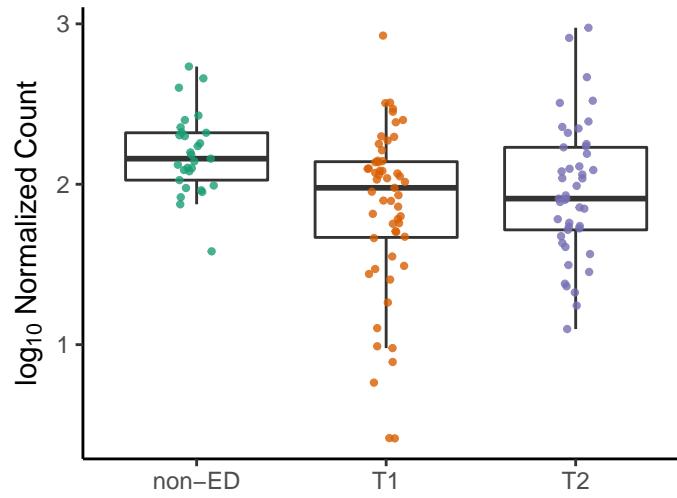
Mixta

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.8



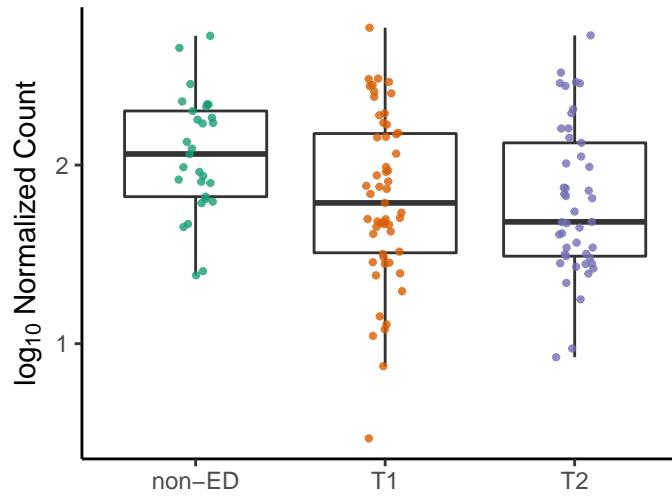
Brevirhabdus

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



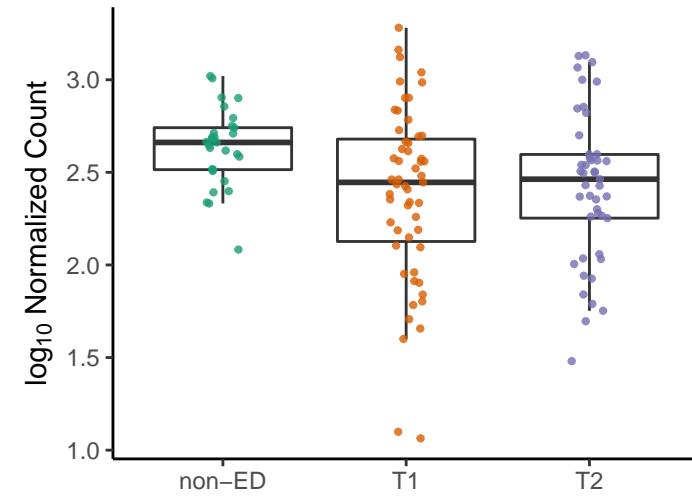
Candidatus Thioglobus

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



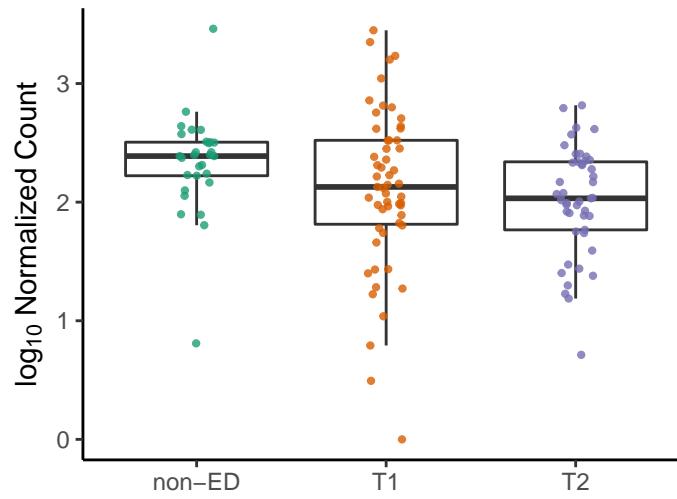
Planctomyces

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.8



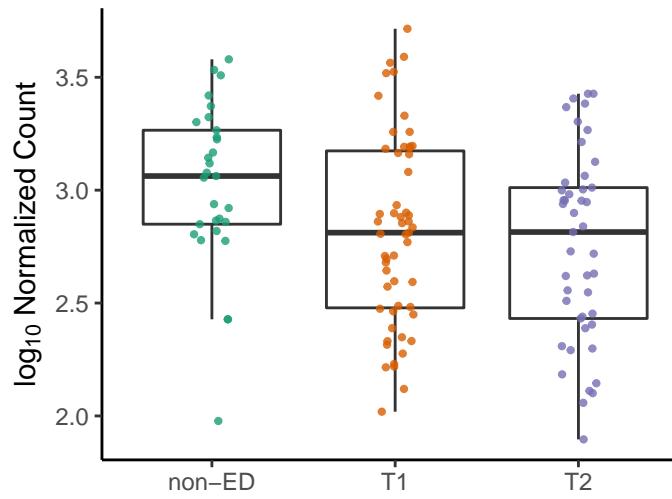
Roseimicrobium

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.84



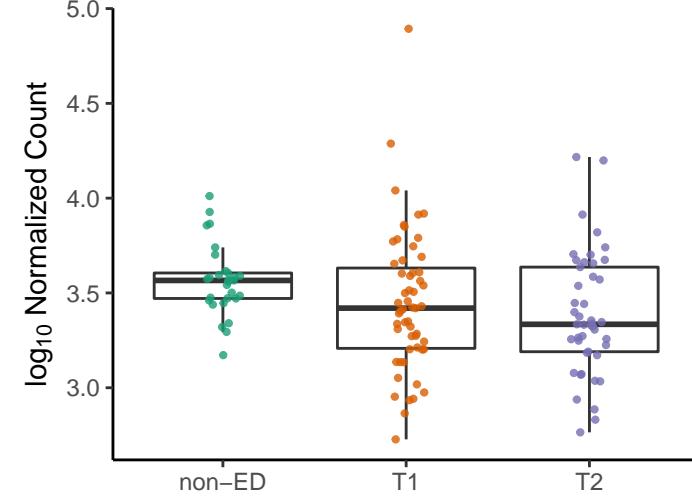
Spiroplasma

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



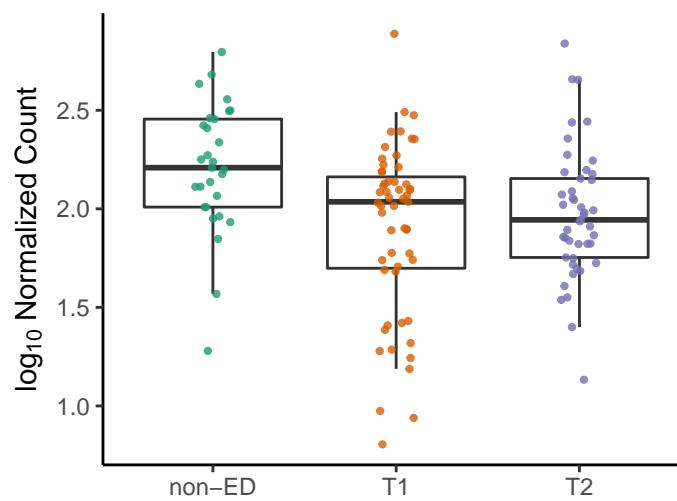
Unclassified Enterobacterales Order

non-ED vs. T1 adjusted p = 0.091
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.97



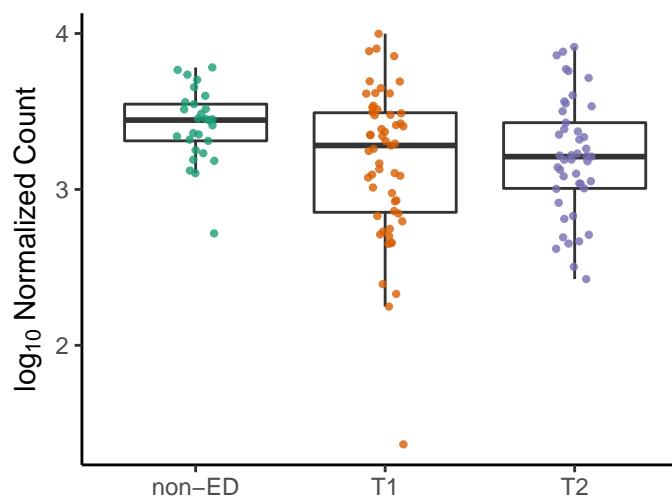
Vitreoscilla

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.8



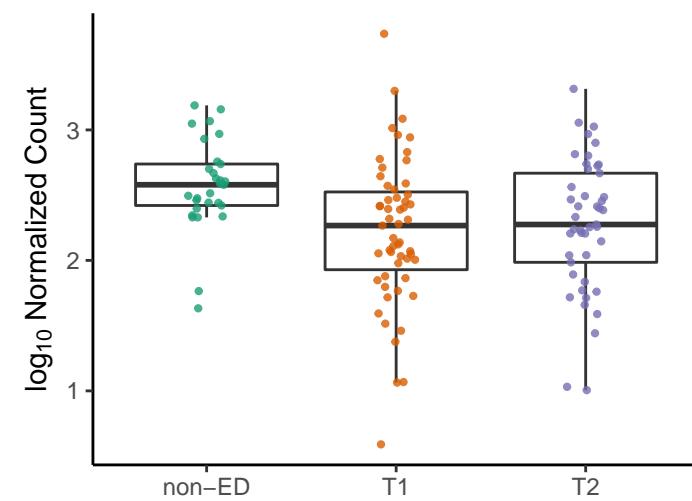
Nocardioides

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.8



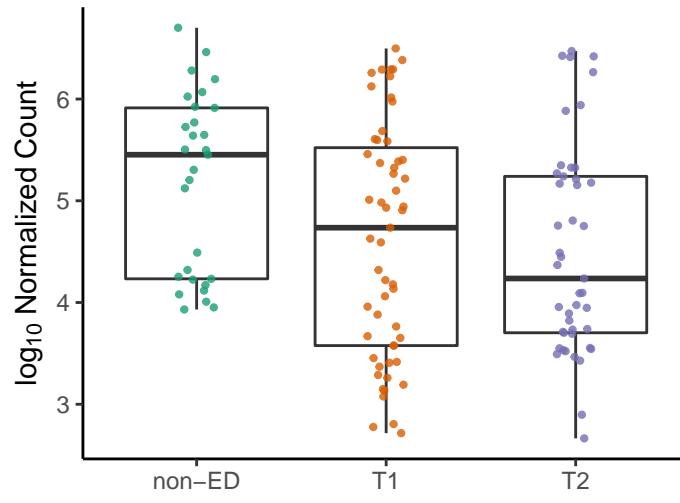
Ottowia

non-ED vs. T1 adjusted p = 0.0051
non-ED vs. T2 adjusted p = 0.017
T1 vs. T2 adjusted p = 0.79



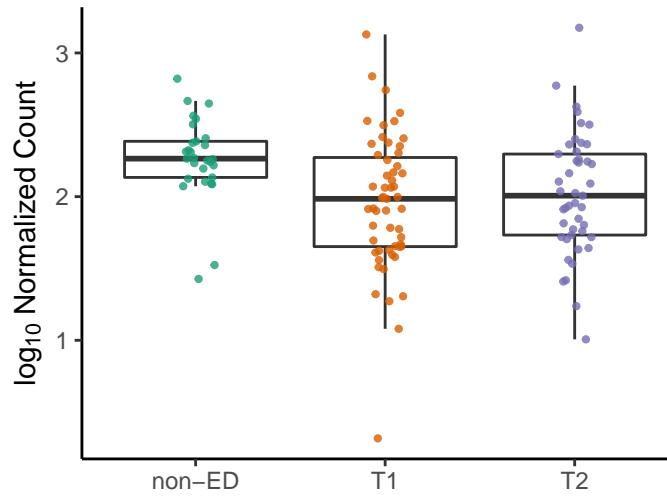
Collinsella

non-ED vs. T1 adjusted p = 0.029
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.92



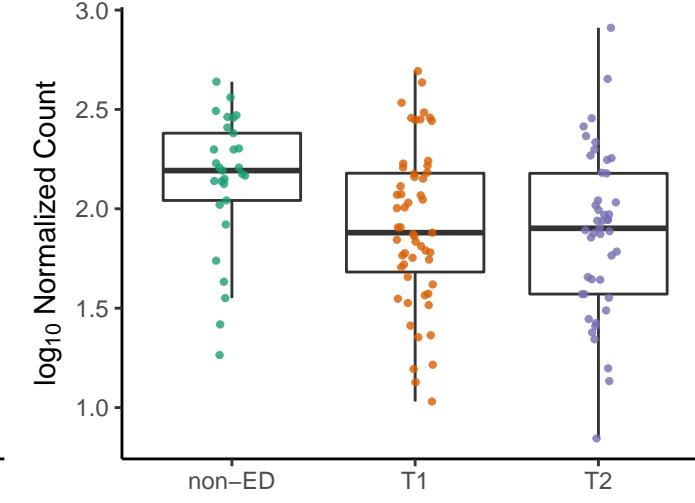
Ktedonosporobacter

non-ED vs. T1 adjusted p = 0.004
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.79



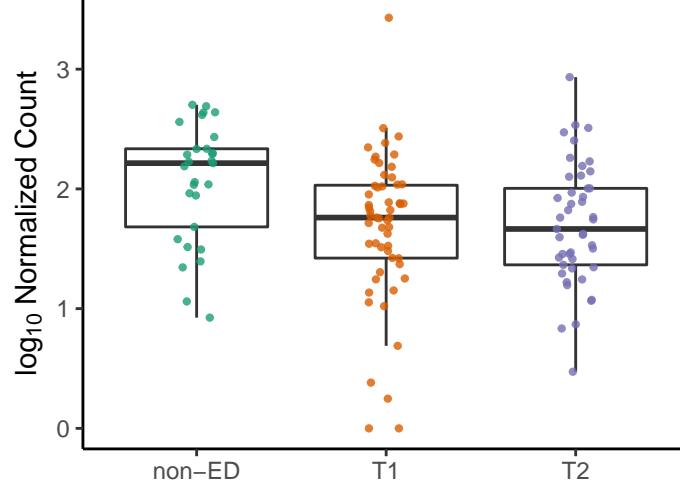
Paraliobacillus

non-ED vs. T1 adjusted p = 0.018
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.81



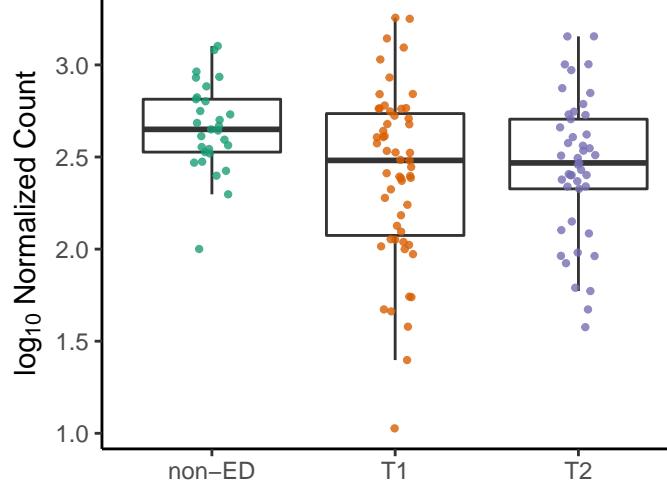
Acidibrevibacterium

non-ED vs. T1 adjusted p = 0.01
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.98



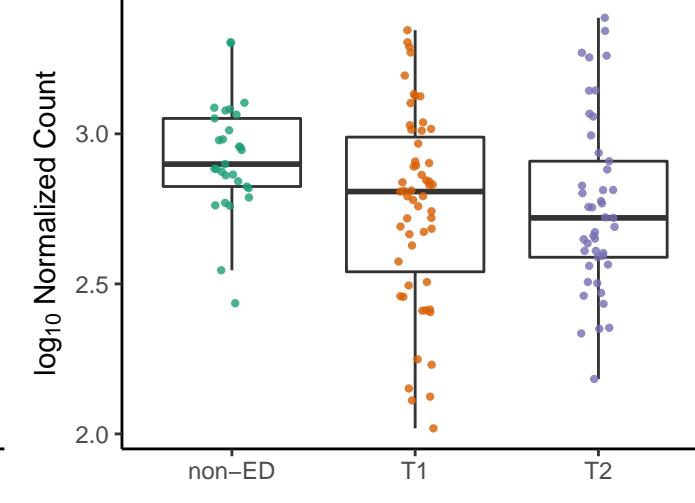
Unclassified Streptomycetaceae Family

non-ED vs. T1 adjusted p = 0.0068
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.79



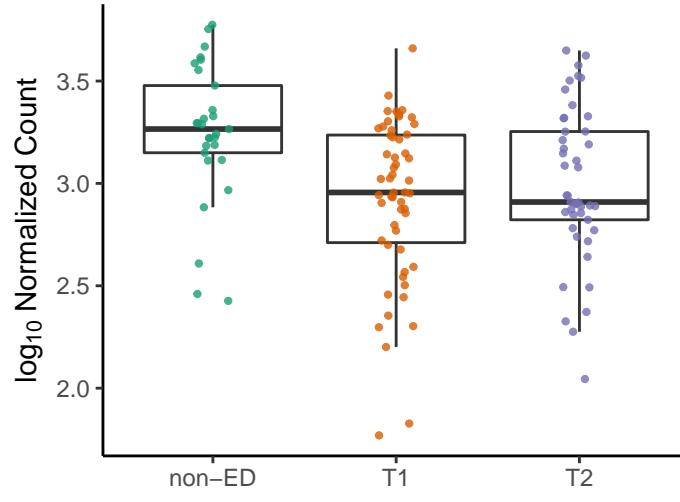
Microbulbifer

non-ED vs. T1 adjusted p = 0.012
 non-ED vs. T2 adjusted p = 0.017
 T1 vs. T2 adjusted p = 0.85



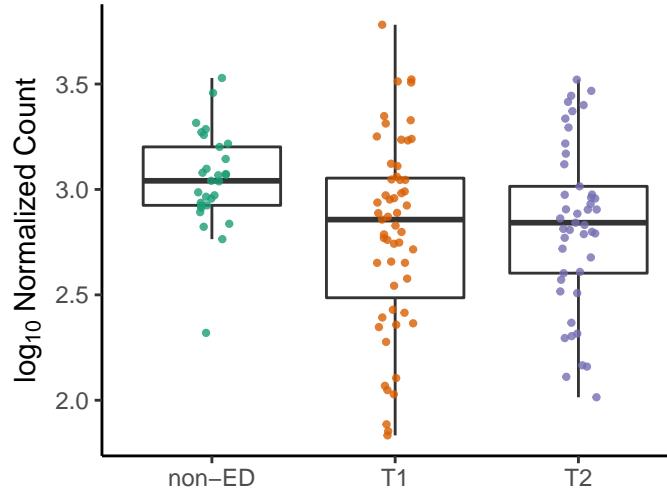
Faecalibaculum

non-ED vs. T1 adjusted p = 0.0035
 non-ED vs. T2 adjusted p = 0.018
 T1 vs. T2 adjusted p = 0.79



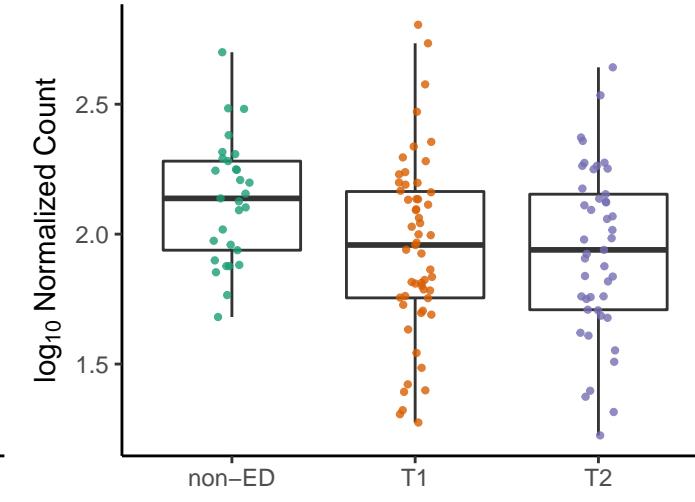
Hydrogenophaga

non-ED vs. T1 adjusted p = 0.0058
 non-ED vs. T2 adjusted p = 0.018
 T1 vs. T2 adjusted p = 0.79



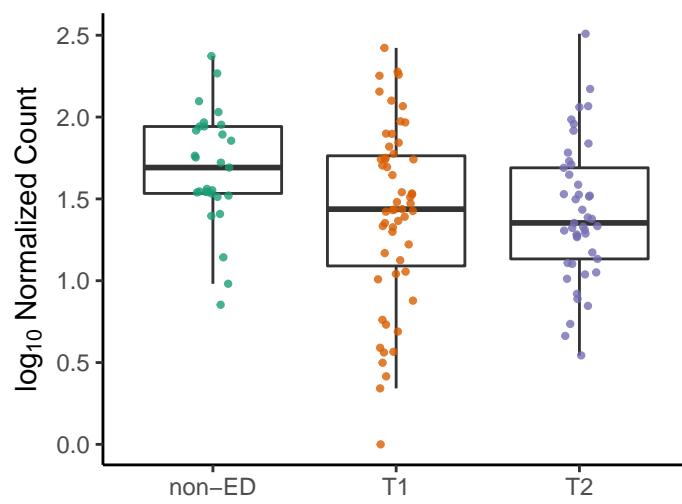
Rhodoluna

non-ED vs. T1 adjusted p = 0.015
 non-ED vs. T2 adjusted p = 0.018
 T1 vs. T2 adjusted p = 0.97



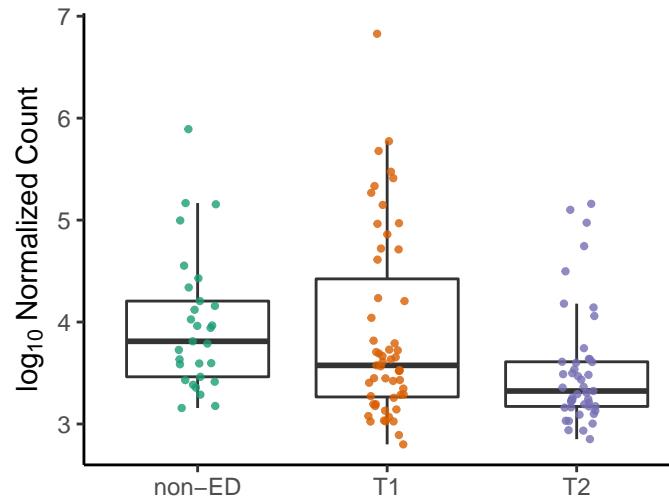
Oceanicoccus

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.99



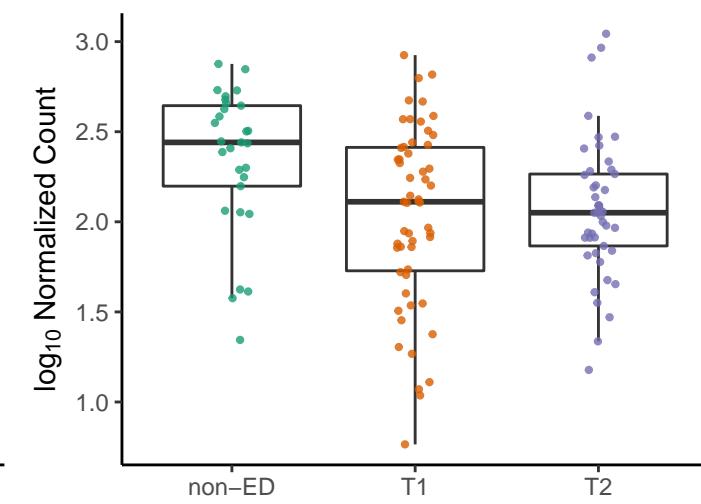
Escherichia

non-ED vs. T1 adjusted p = 0.68
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



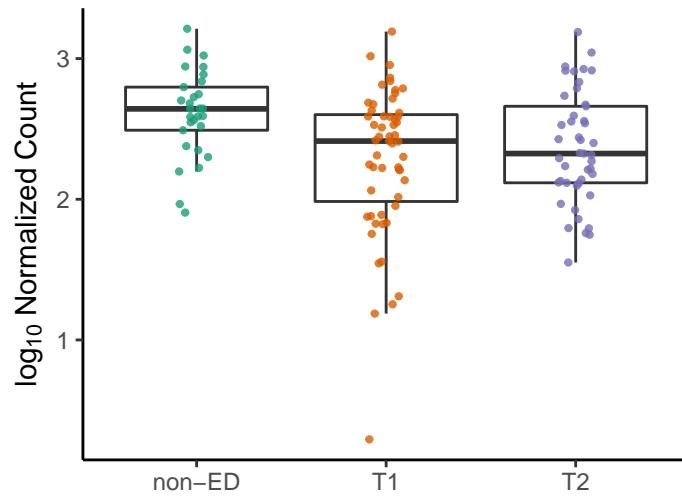
Arcanobacterium

non-ED vs. T1 adjusted p = 0.0093
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.81



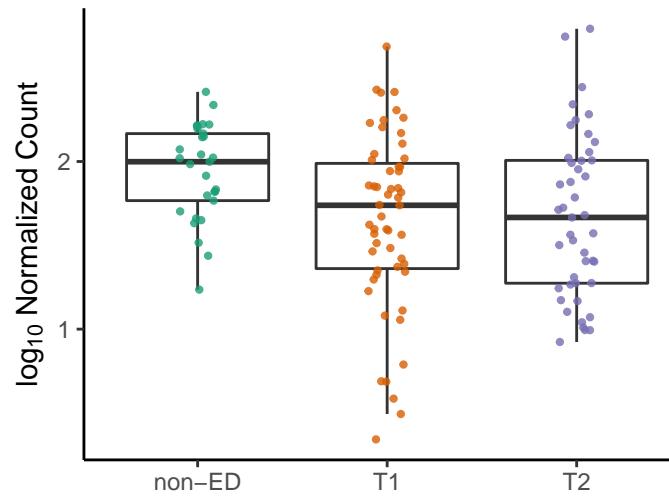
Cryobacterium

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



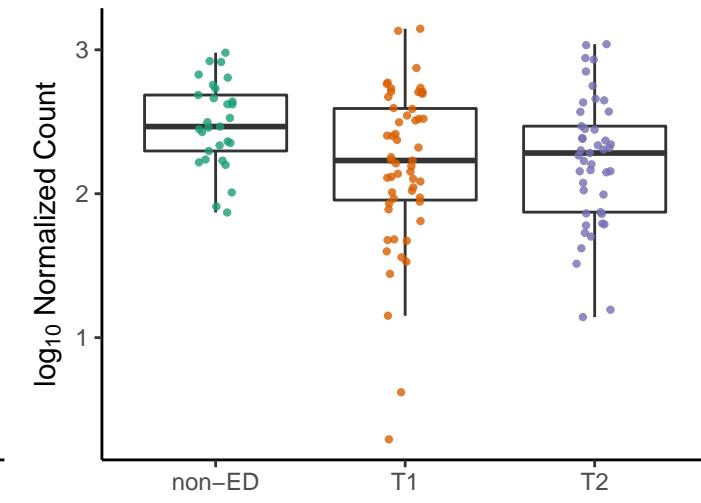
Dermacoccus

non-ED vs. T1 adjusted p = 0.007
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.89



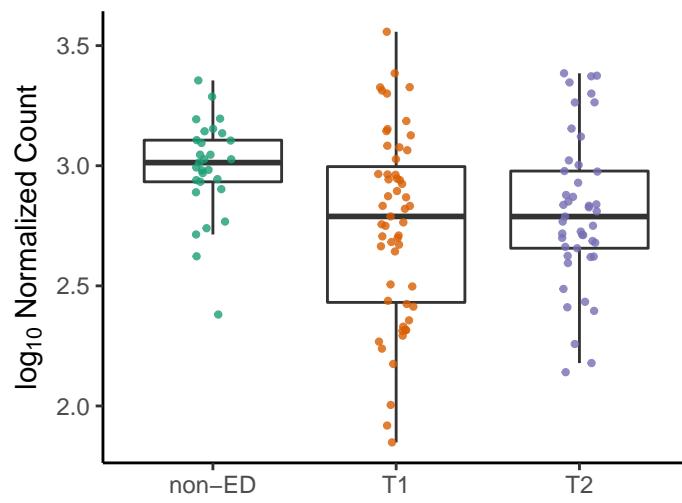
Ectothiorhodospira

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.82



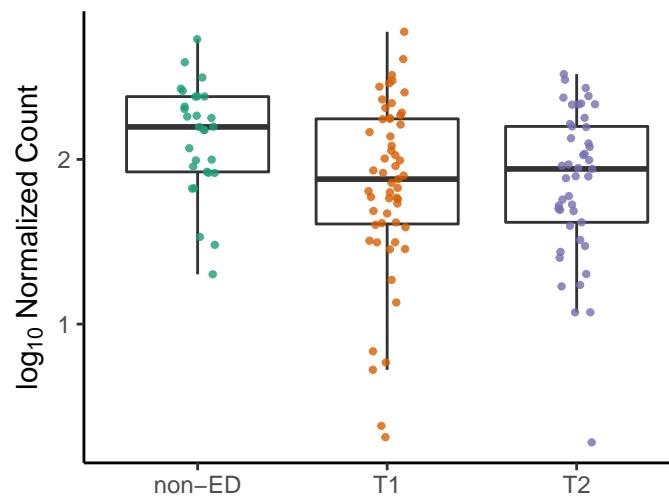
Herbaspirillum

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



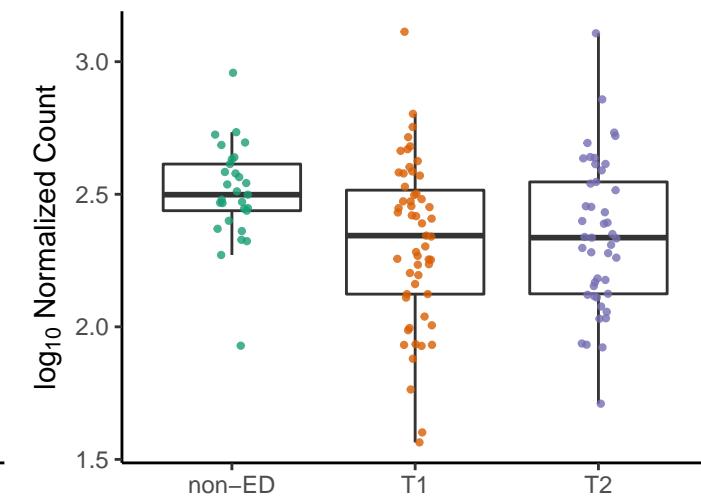
Limnohabitans

non-ED vs. T1 adjusted p = 0.0094
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



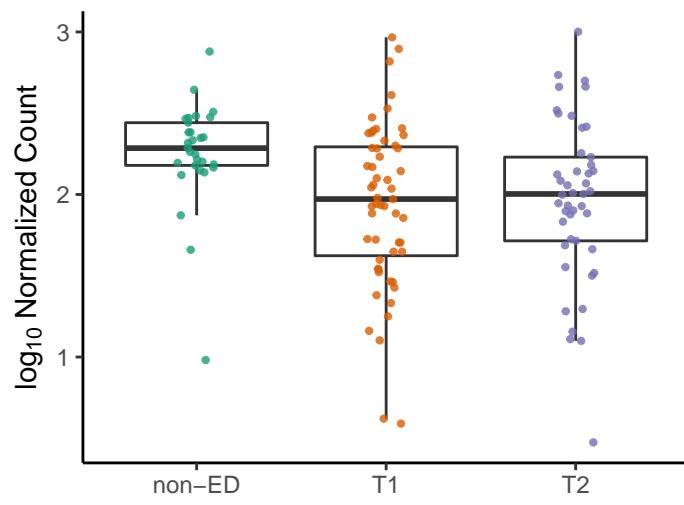
Rahnella

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



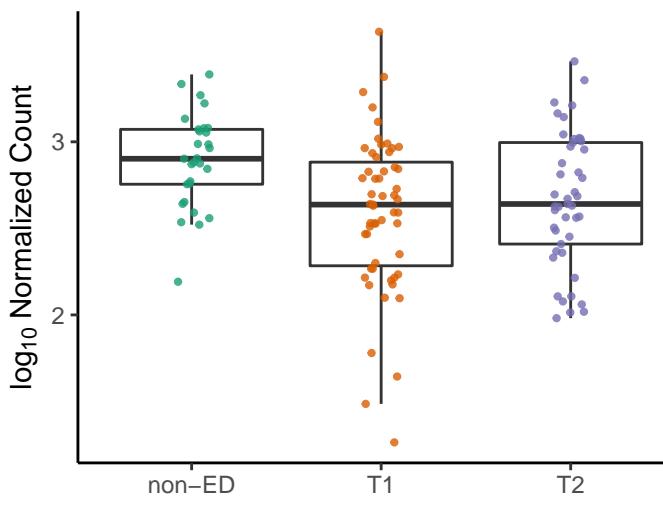
Rhodoplanes

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.83



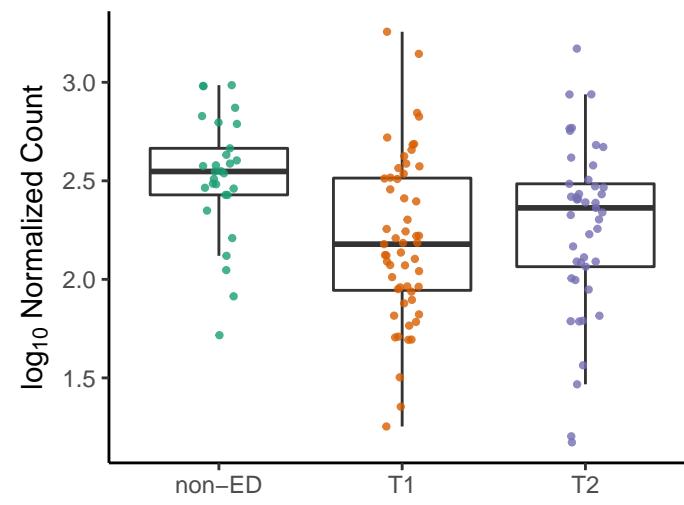
Tessaracoccus

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



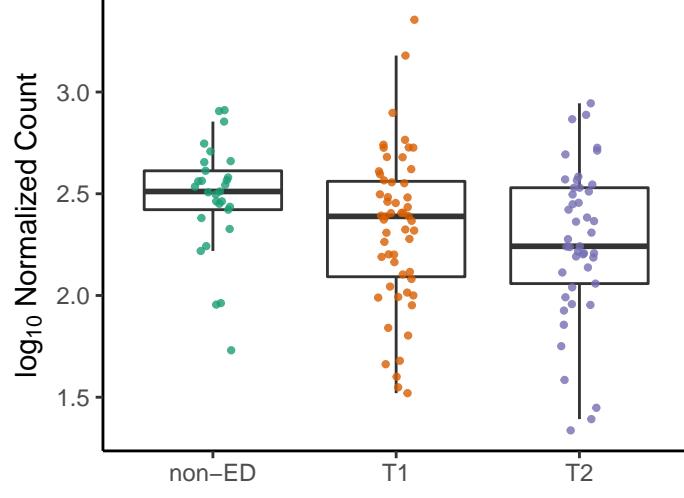
Tistrella

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



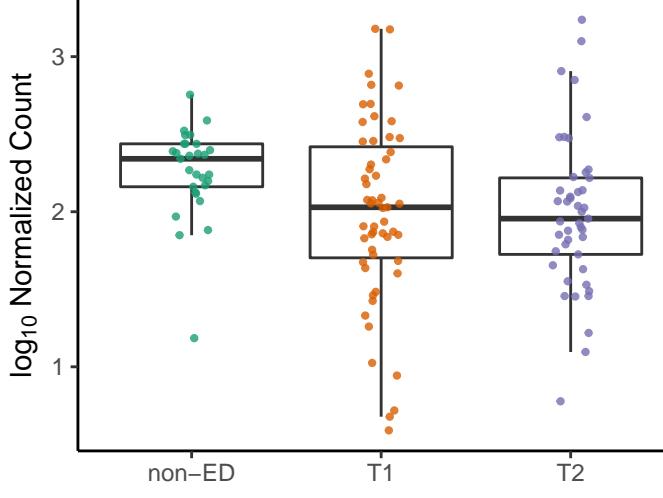
Unclassified Sphingobacteriaceae Fam

non-ED vs. T1 adjusted p = 0.058
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



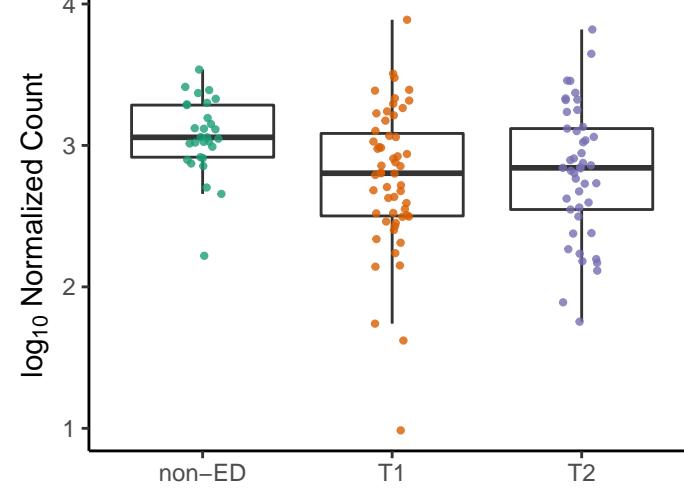
Candidatus Koribacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.95



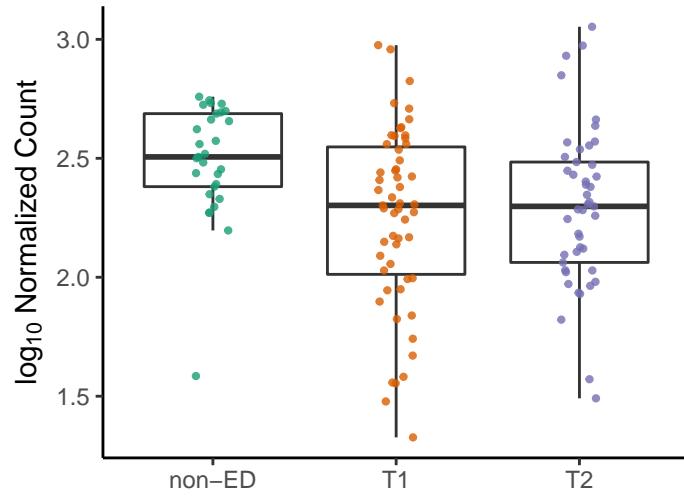
Cellulomonas

non-ED vs. T1 adjusted p = 0.0051
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.8



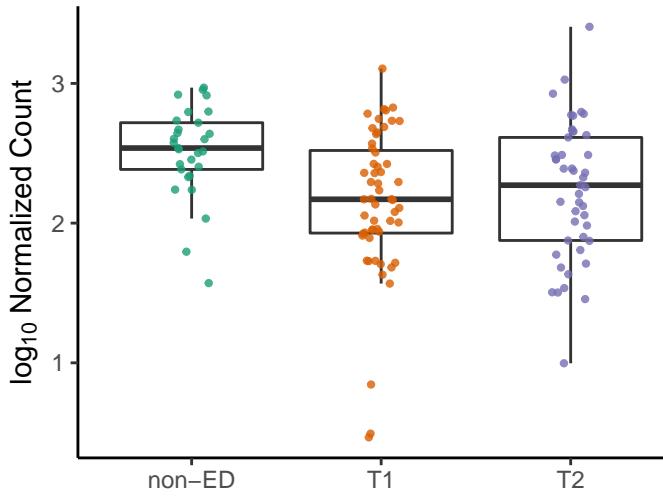
Candidatus Planktophila

non-ED vs. T1 adjusted p = 0.0051
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



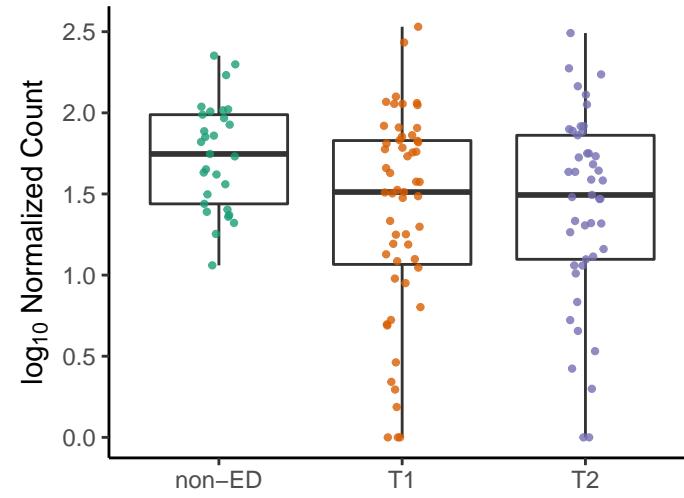
Conexibacter

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



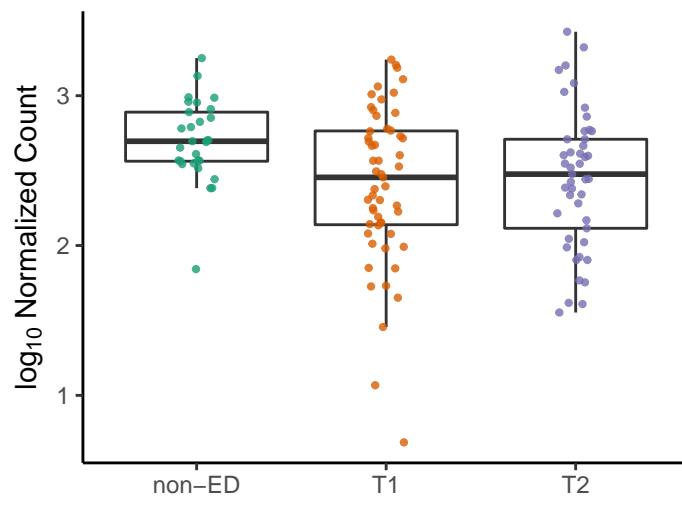
Halobiforma

non-ED vs. T1 adjusted p = 0.0065
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



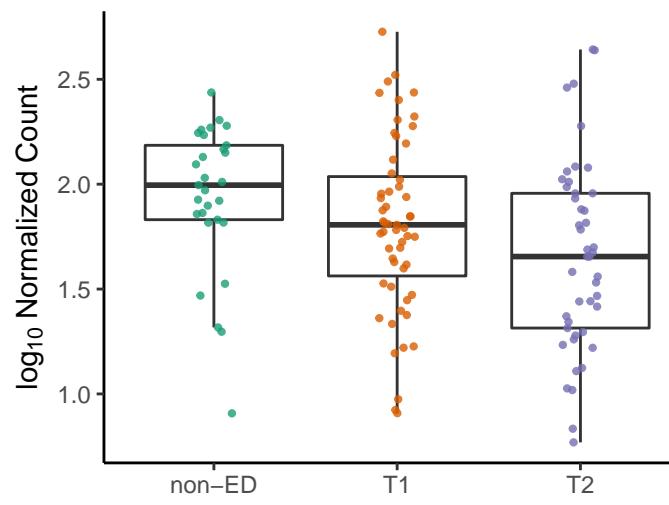
Serinicoccus

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



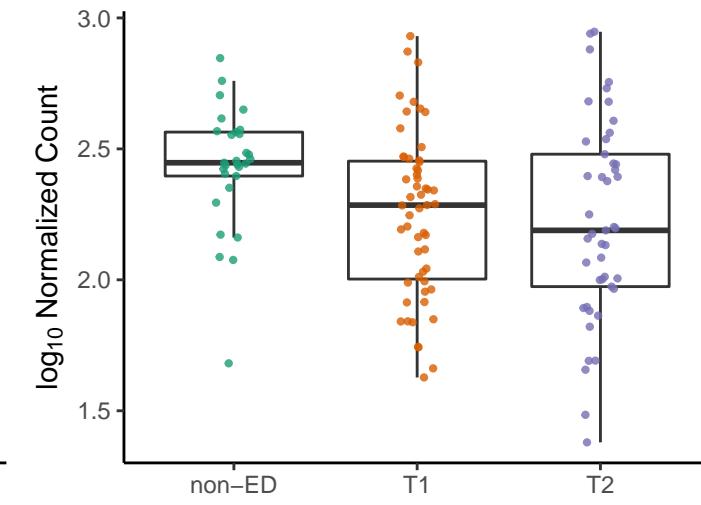
Arsenophonus

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



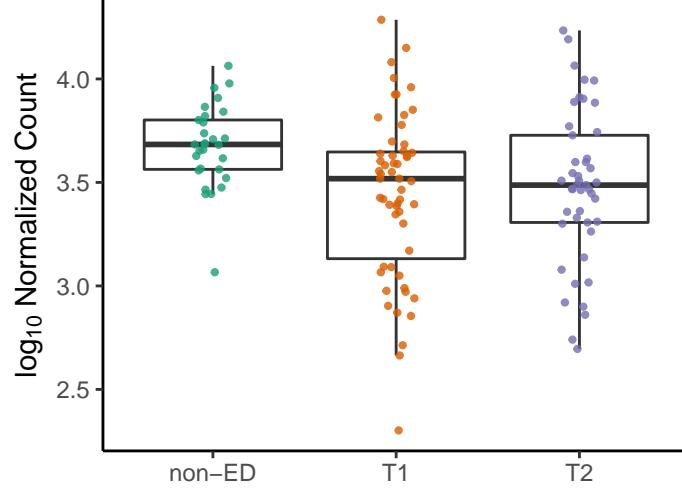
Oenococcus

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.84



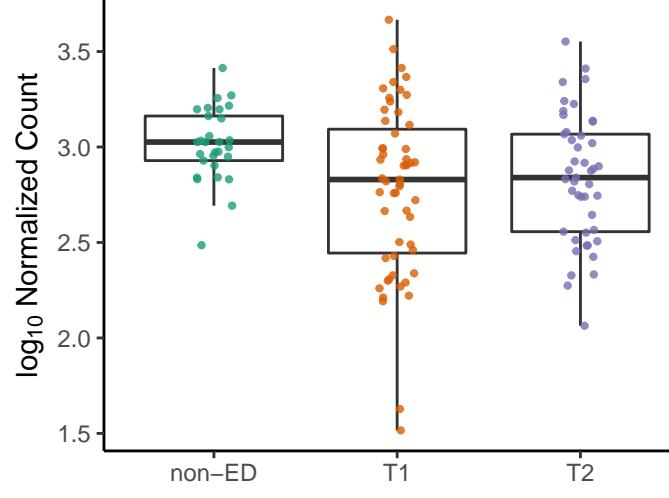
Bradyrhizobium

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



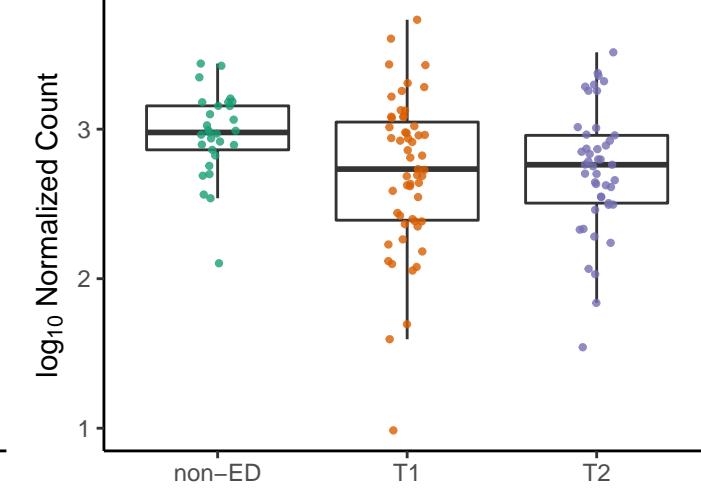
Desulfosarcina

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



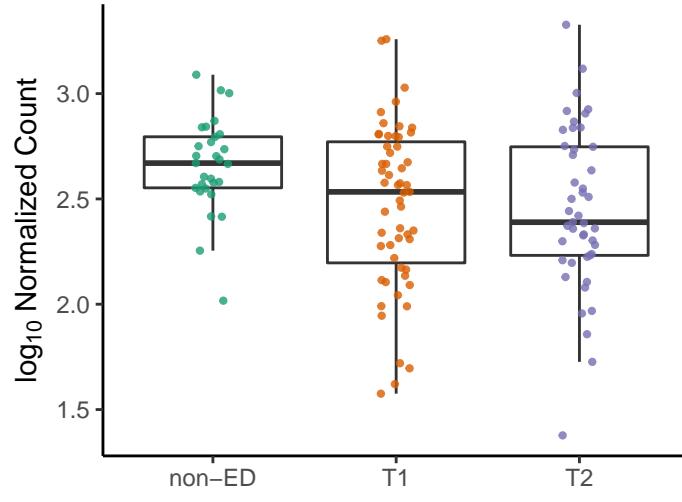
Kocuria

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.85



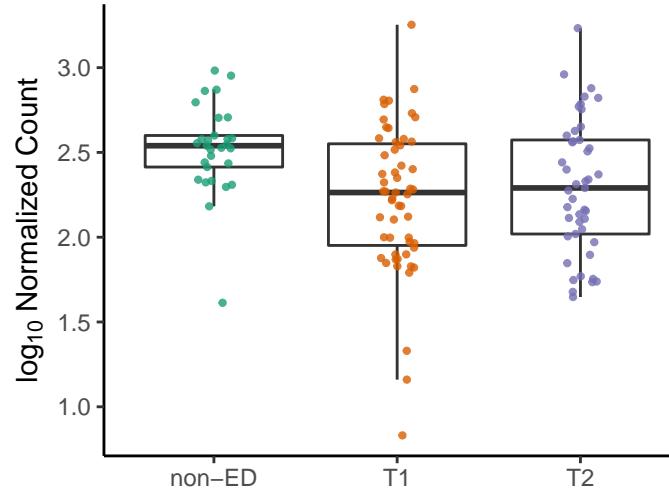
Neorhizobium

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.97



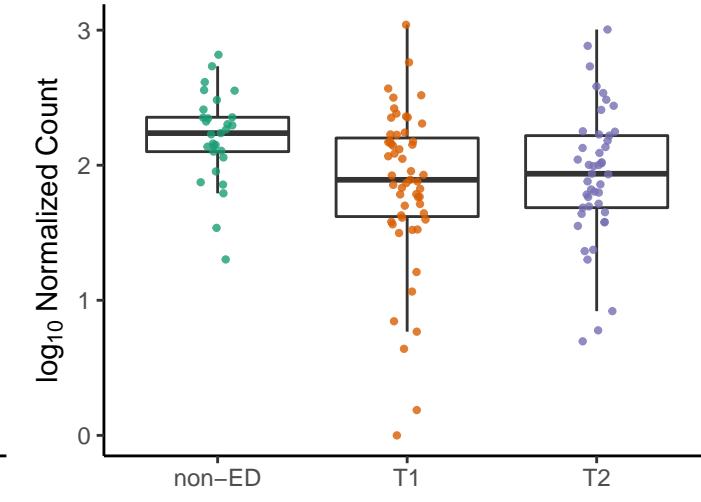
Nitratireductor

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



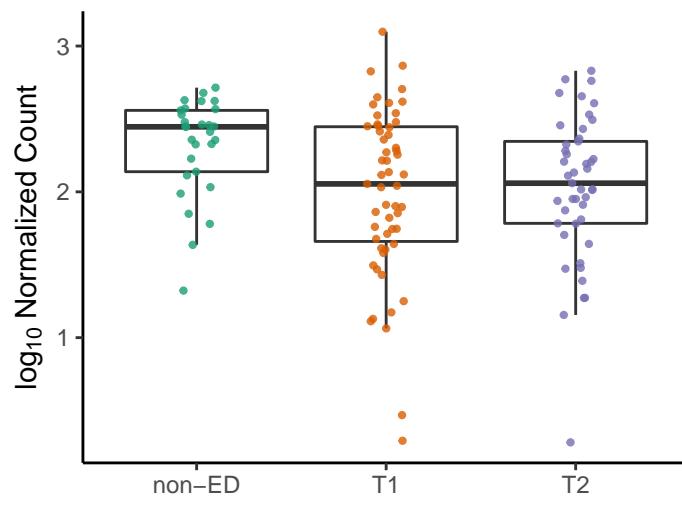
Paucibacter

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



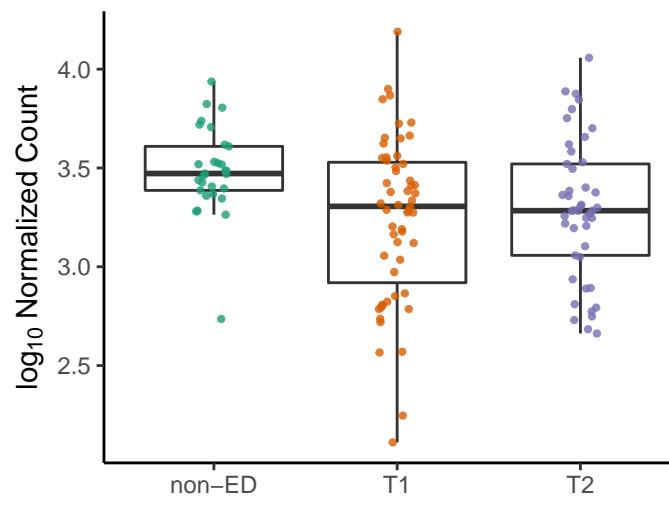
Phycisphaera

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.92



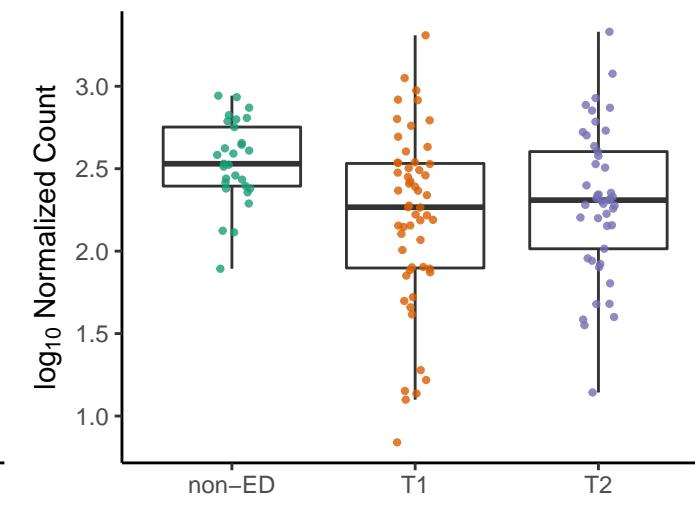
Rhodococcus

non-ED vs. T1 adjusted p = 0.0051
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



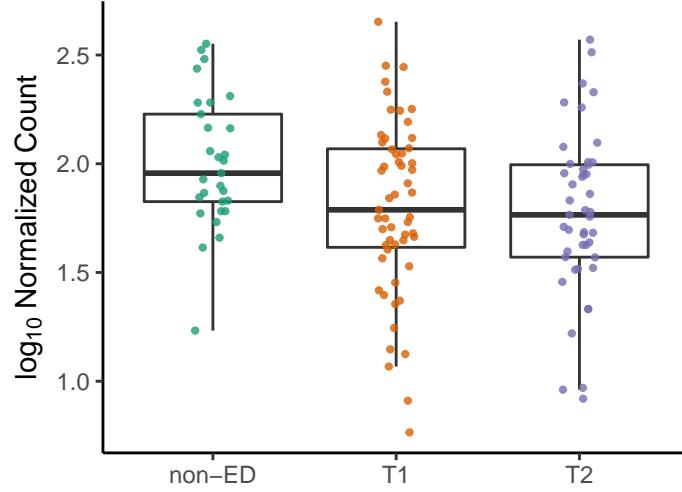
Aquisphaera

non-ED vs. T1 adjusted p = 0.0033
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



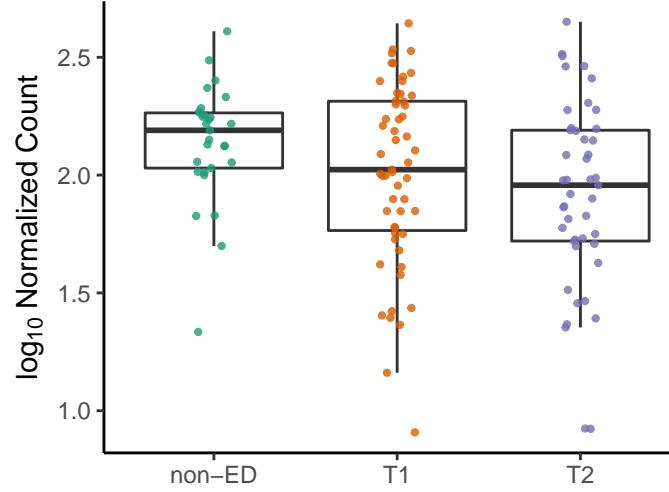
Endomicrobium

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.92



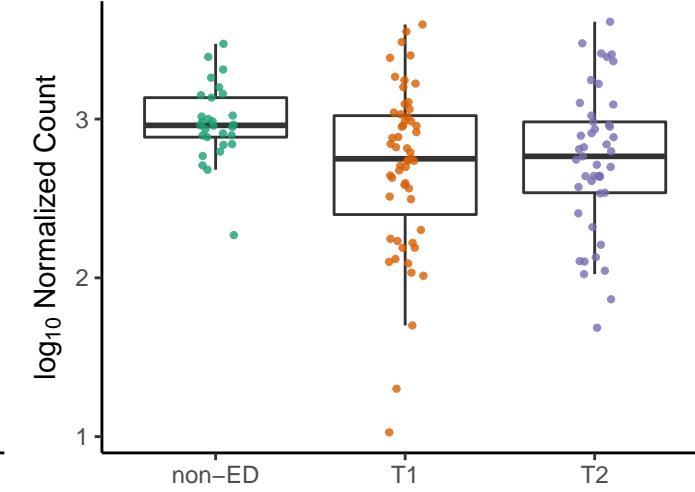
Liberibacter

non-ED vs. T1 adjusted p = 0.092
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



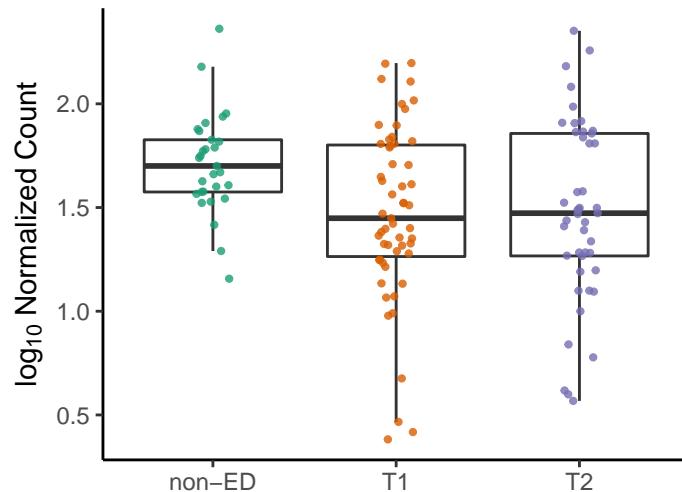
Myxococcus

non-ED vs. T1 adjusted p = 0.006
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



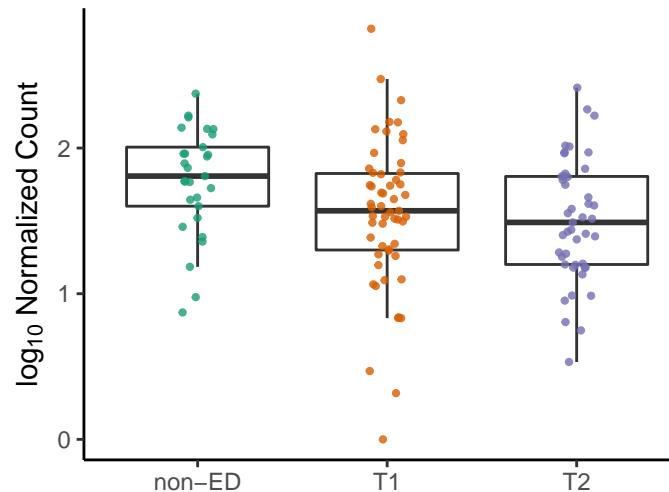
Nitrincola

non-ED vs. T1 adjusted p = 0.0064
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.99



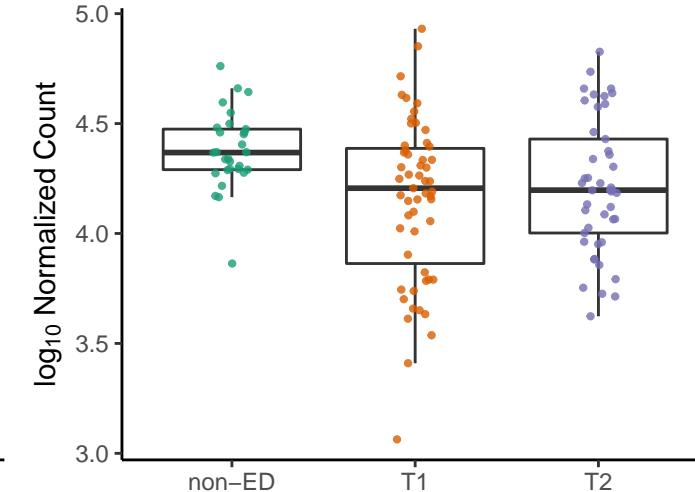
Phytobacter

non-ED vs. T1 adjusted p = 0.04
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.83



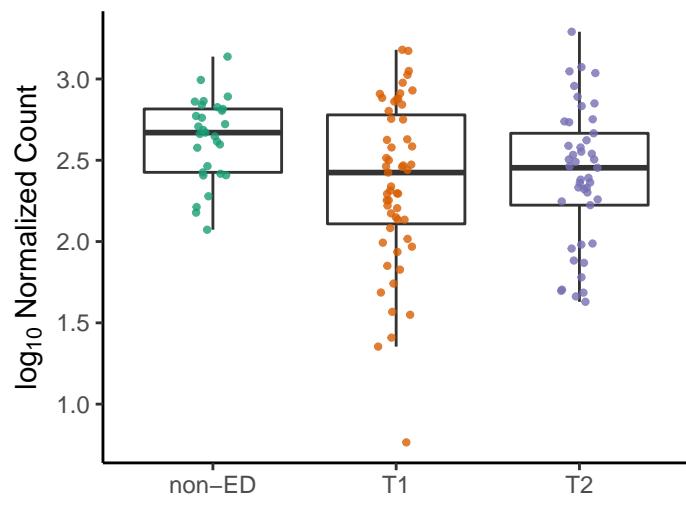
Pseudomonas

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



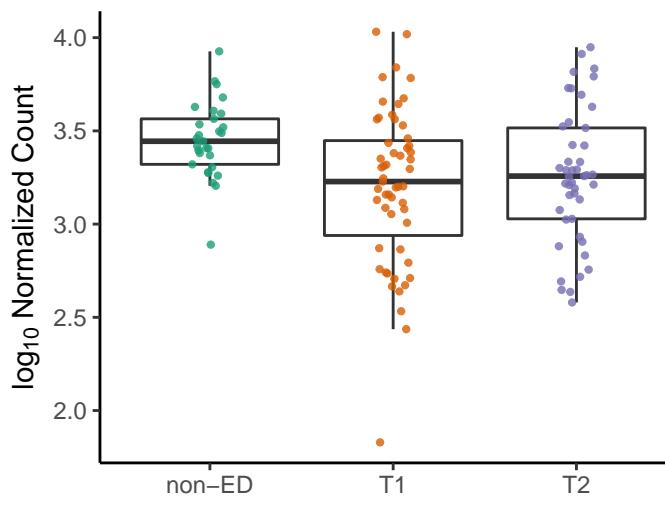
Rhodospirillum

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



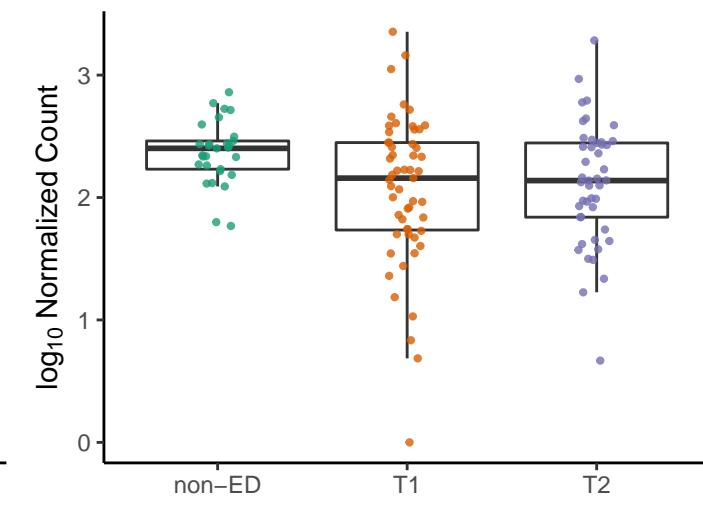
Stenotrophomonas

non-ED vs. T1 adjusted p = 0.0044
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



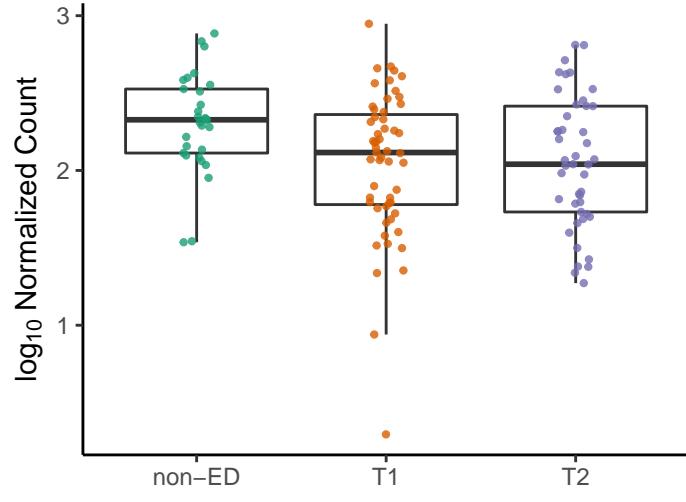
Rhodanobacter

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.018
T1 vs. T2 adjusted p = 0.79



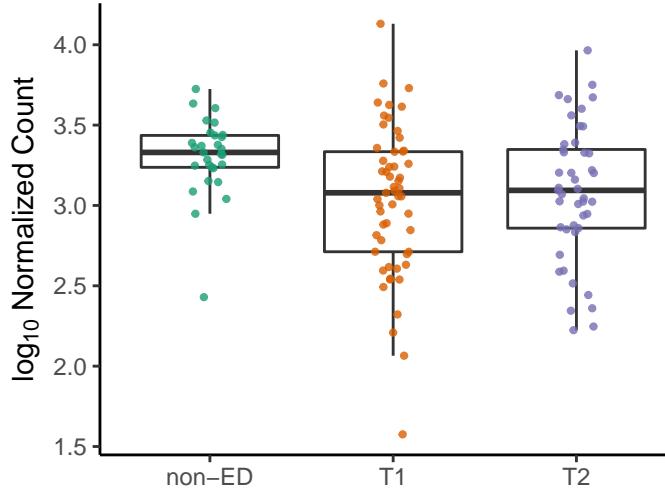
Methylibium

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.83



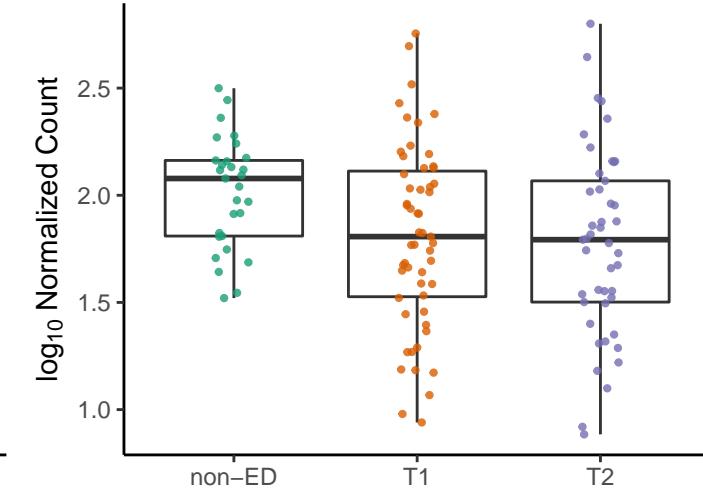
Actinoplanes

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



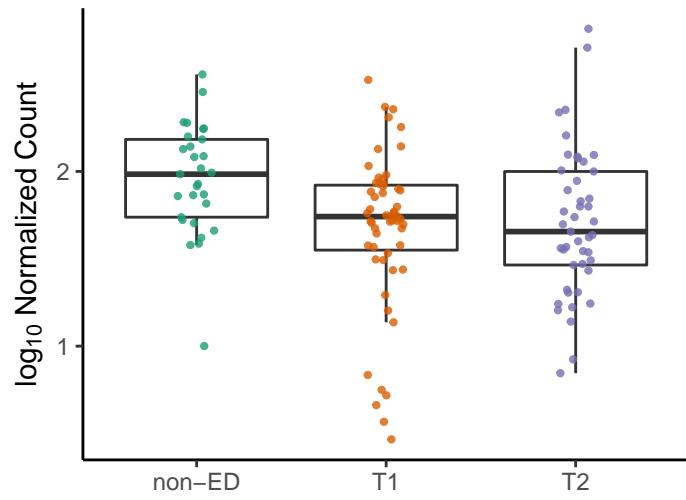
Ahniella

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 1



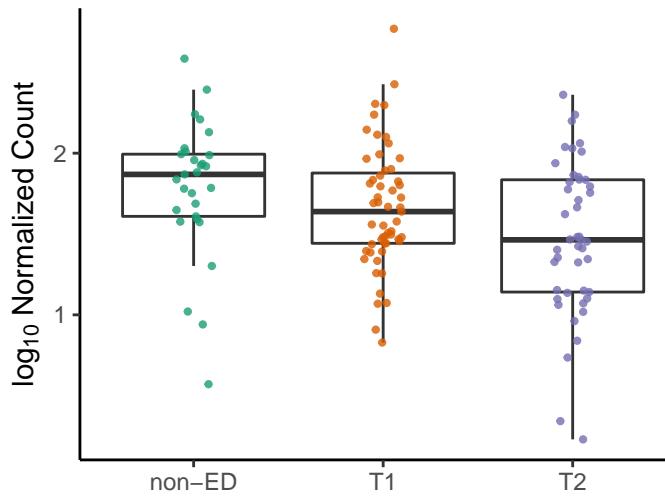
Aurantimicrobium

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.88



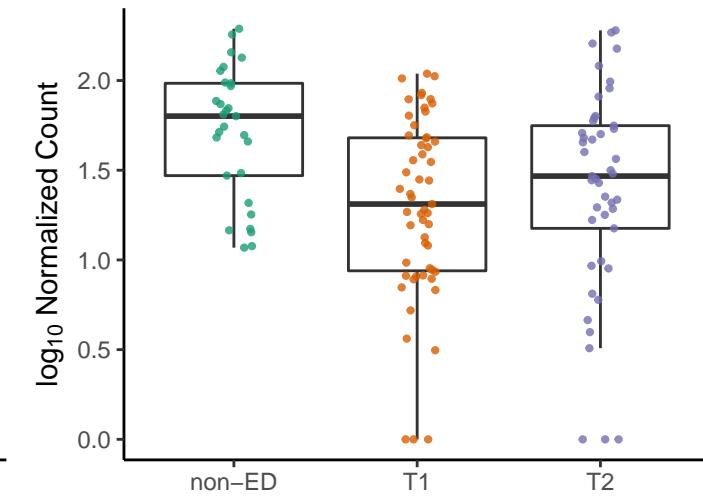
Caminibacter

non-ED vs. T1 adjusted p = 0.23
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



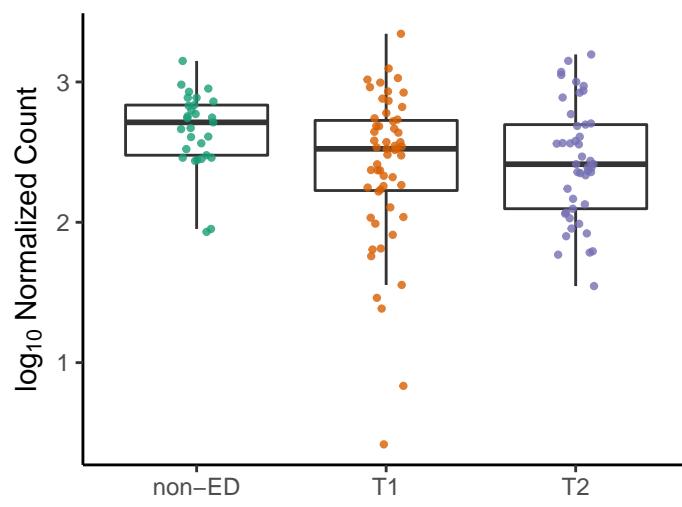
Tatlockia

non-ED vs. T1 adjusted p = 0.0023
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.8



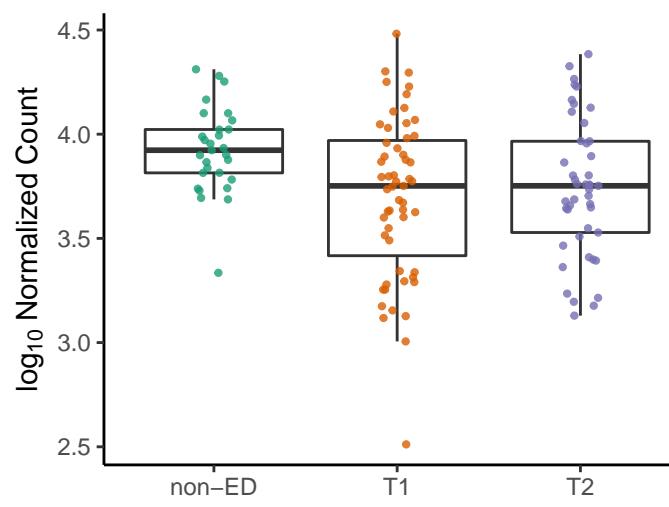
Rhodothermus

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



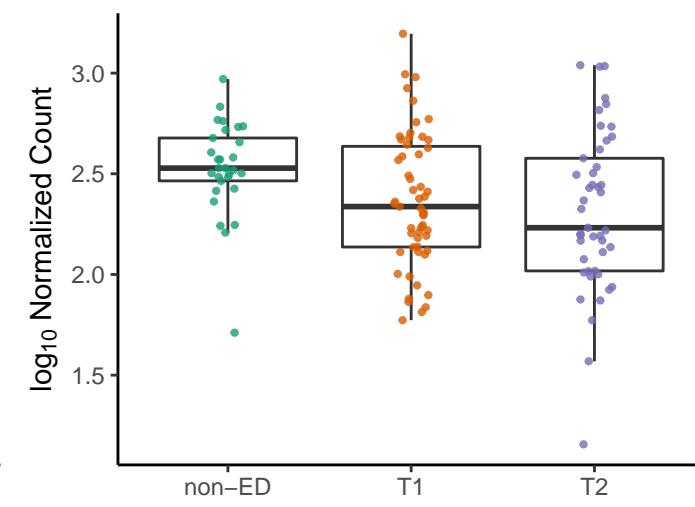
Corynebacterium

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



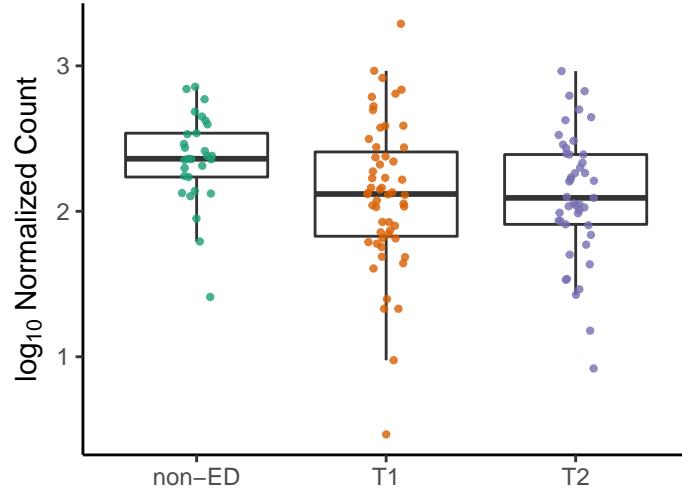
Methanococcus

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.85



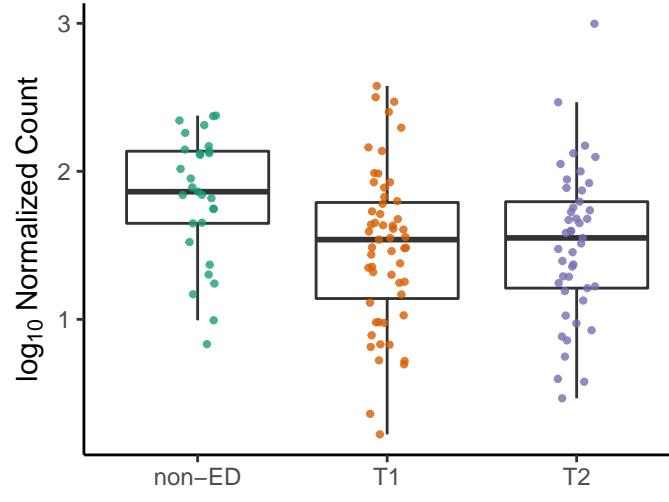
Phycicoccus

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.93



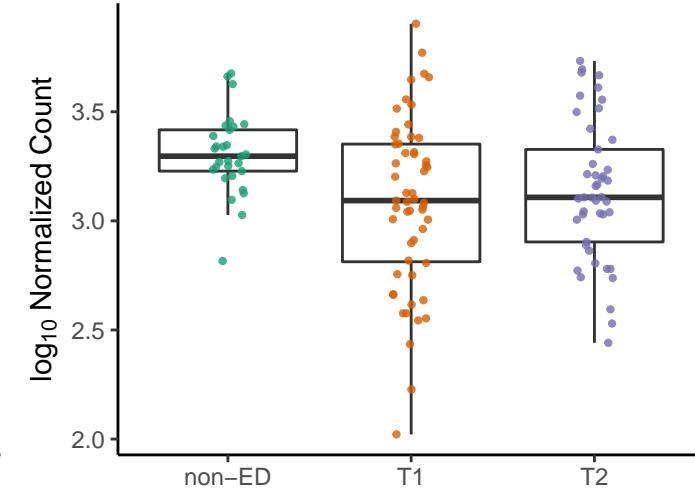
Bergeyella

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.85



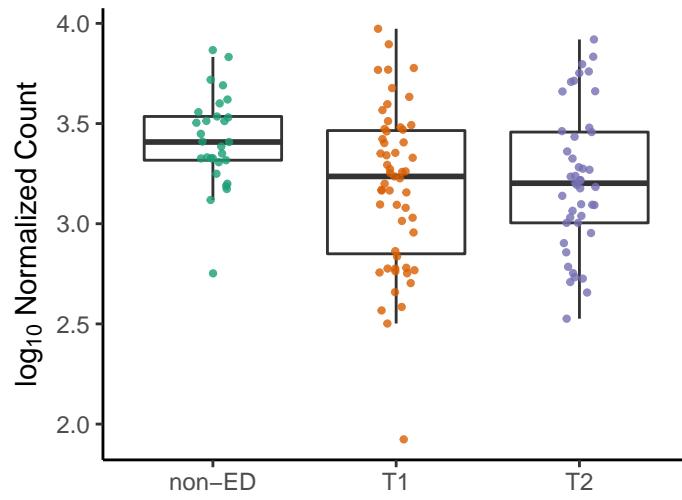
Synechococcus

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



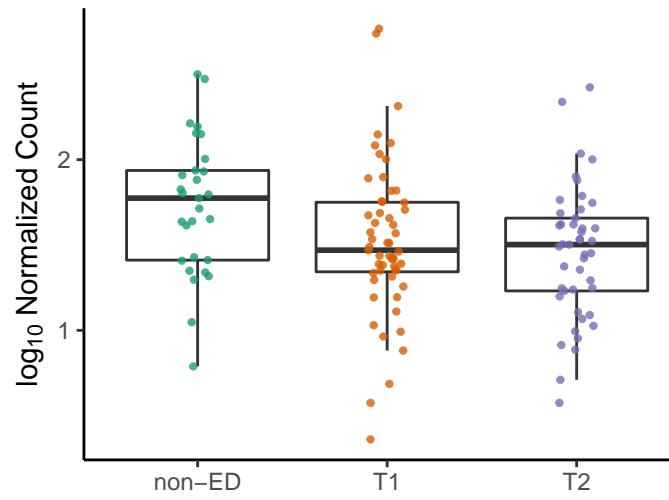
Arthrobacter

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



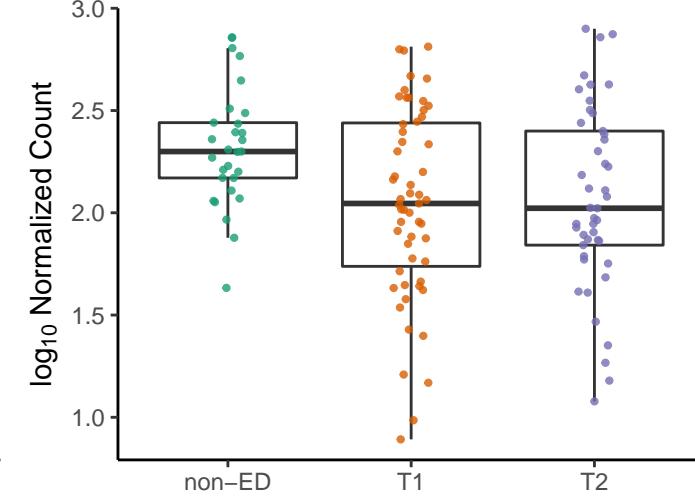
Chroococcidiopsis

non-ED vs. T1 adjusted p = 0.058
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.81



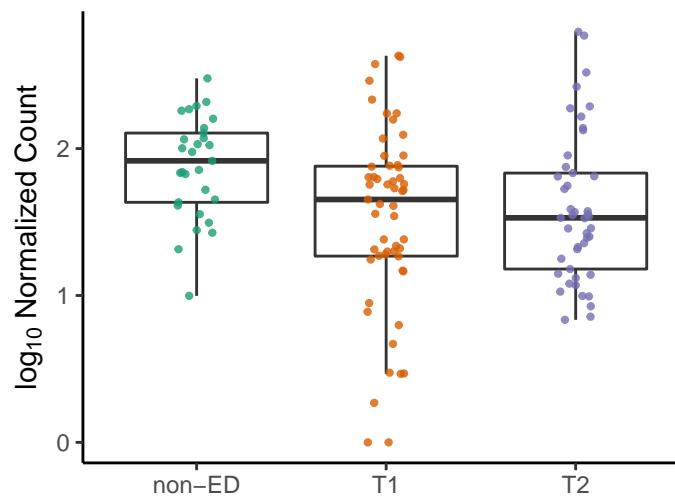
Nissabacter

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



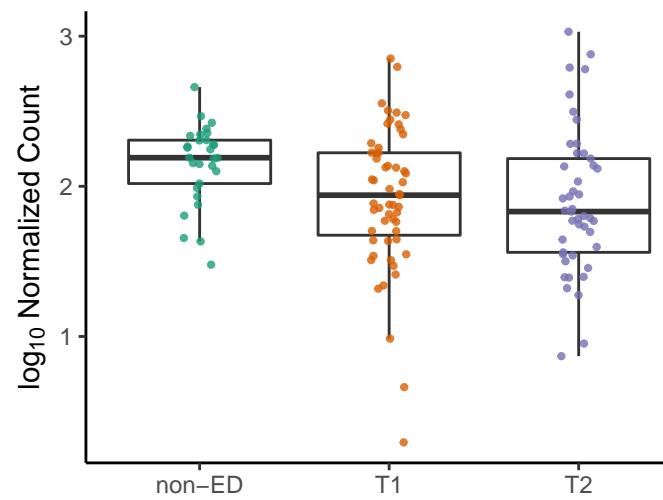
Hydrocarboniclastica

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



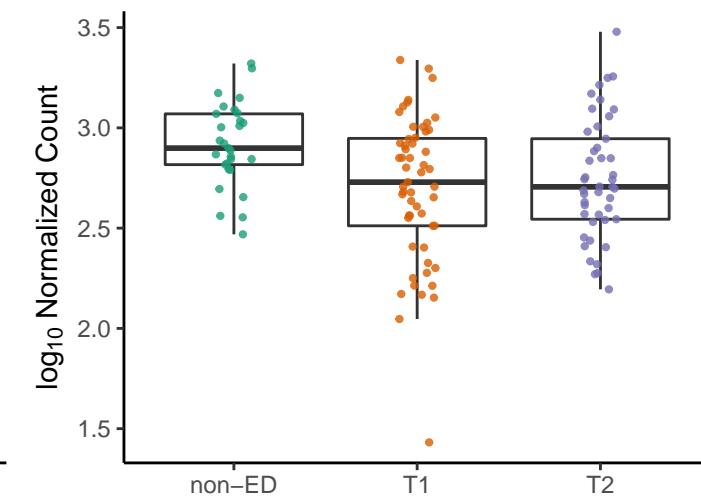
Chloracidobacterium

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.97



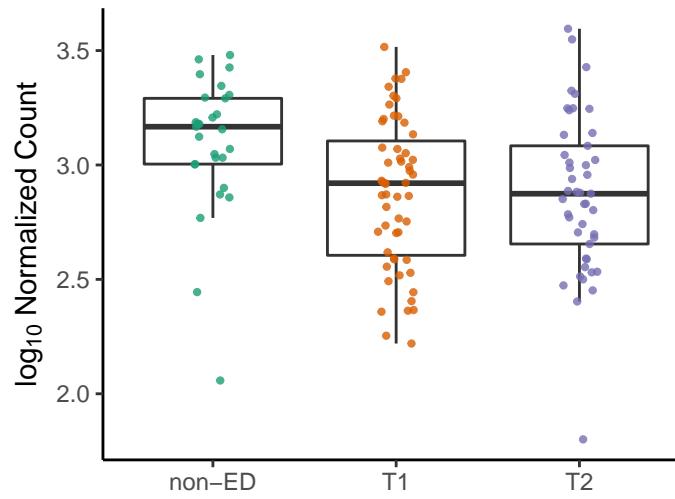
Tumebacillus

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.79



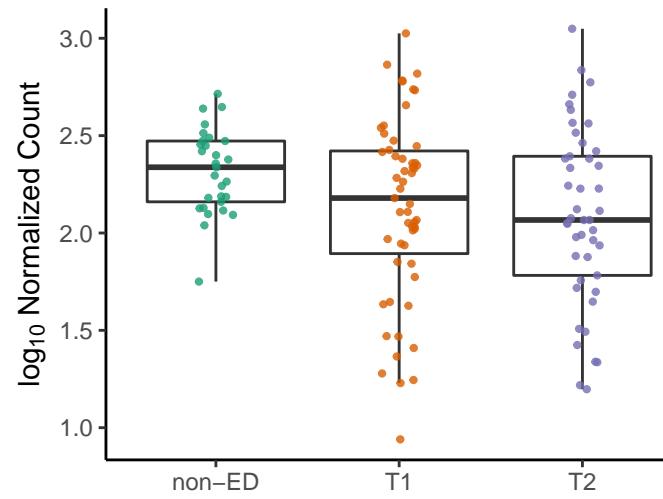
Caldicellulosiruptor

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 1



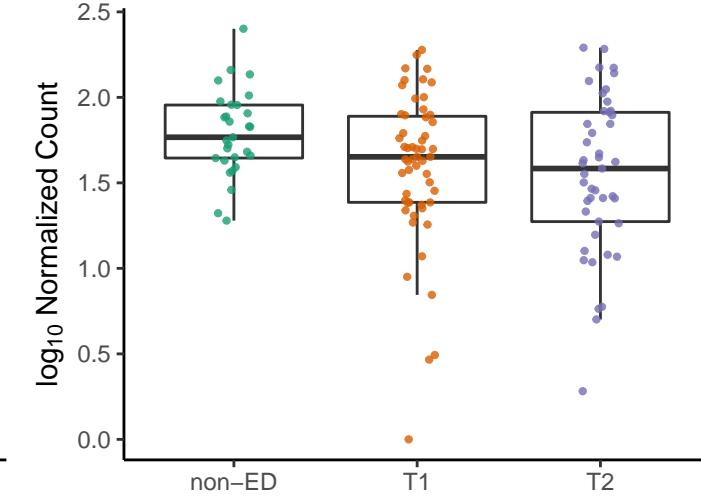
Labilithrix

non-ED vs. T1 adjusted p = 0.029
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.89



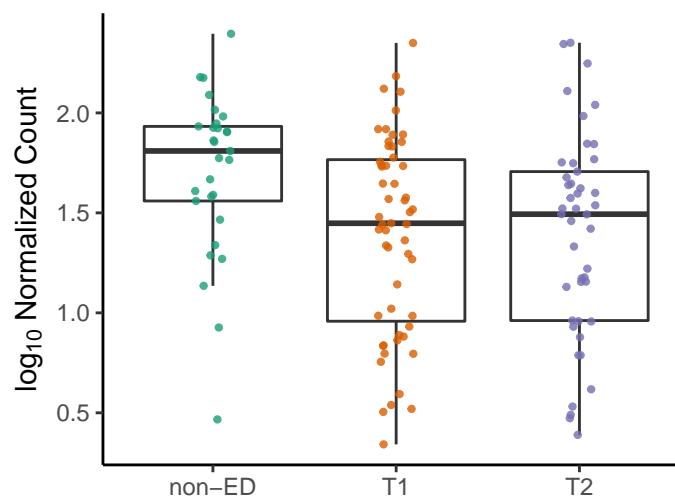
Sulfuriflexus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.94



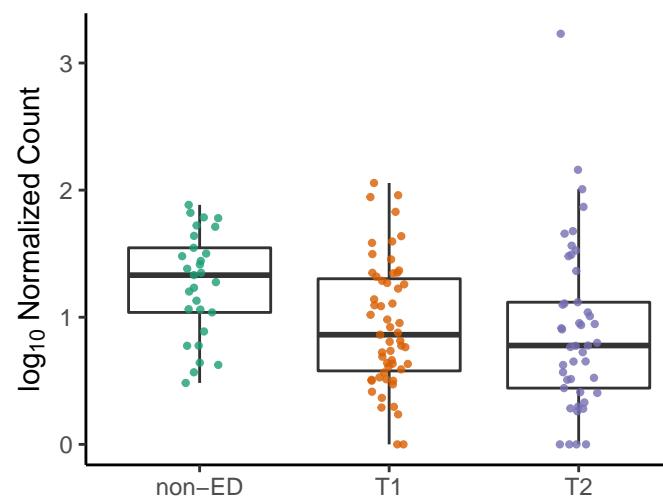
Candidatus Cytomitobacter

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.97



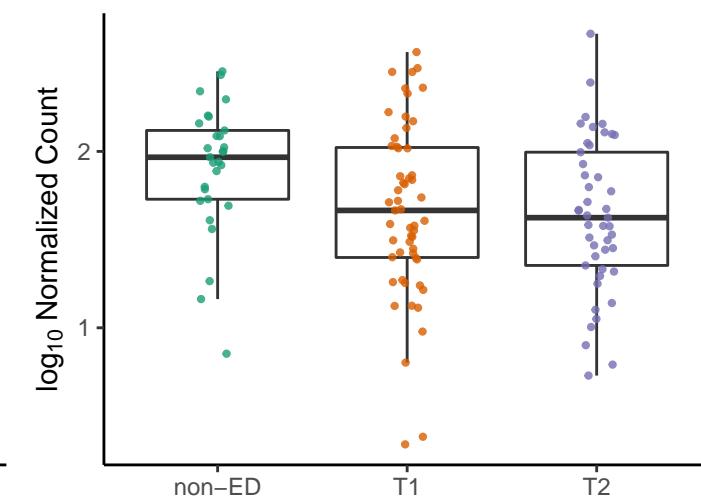
Candidatus Sneabacter

non-ED vs. T1 adjusted p = 0.0086
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.99



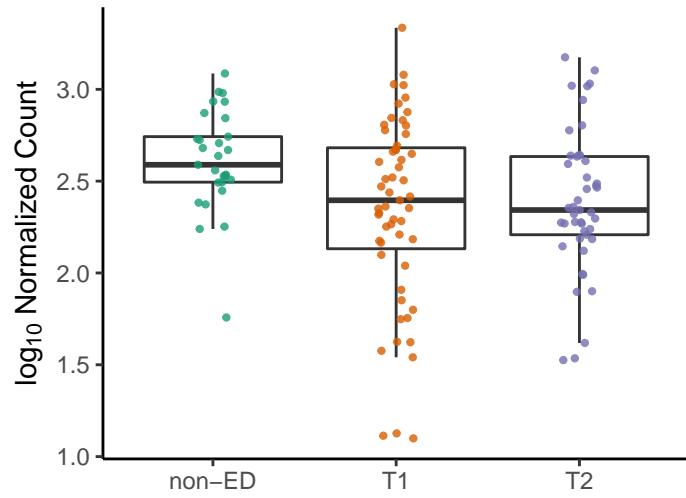
Petrotoga

non-ED vs. T1 adjusted p = 0.028
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.8



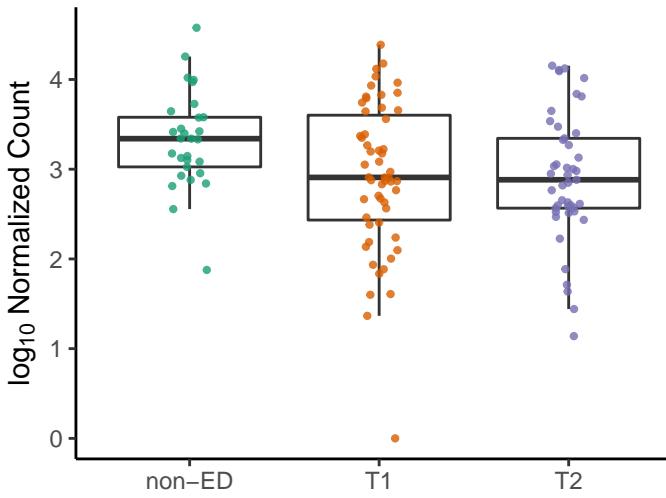
Polaromonas

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.8



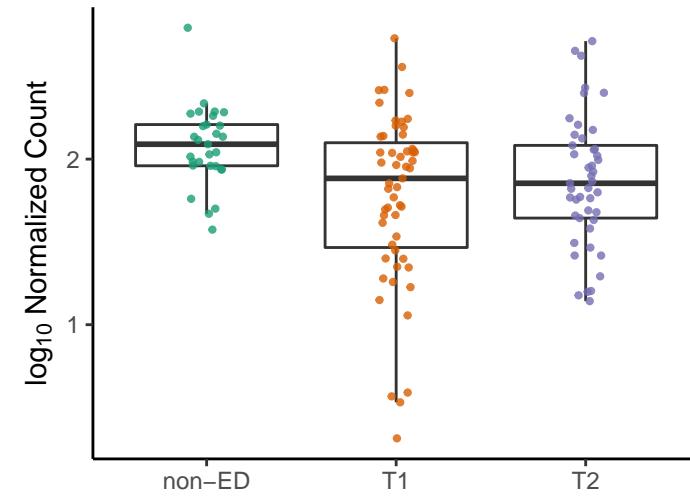
Unclassified Coriobacteriales Order

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.85



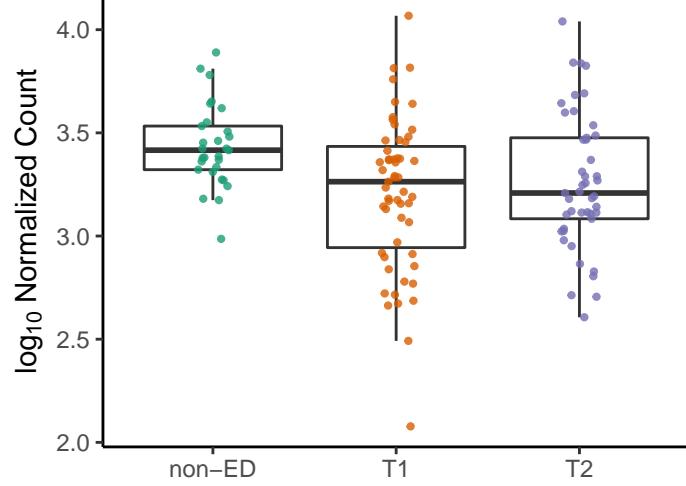
Desulfohalobium

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.79



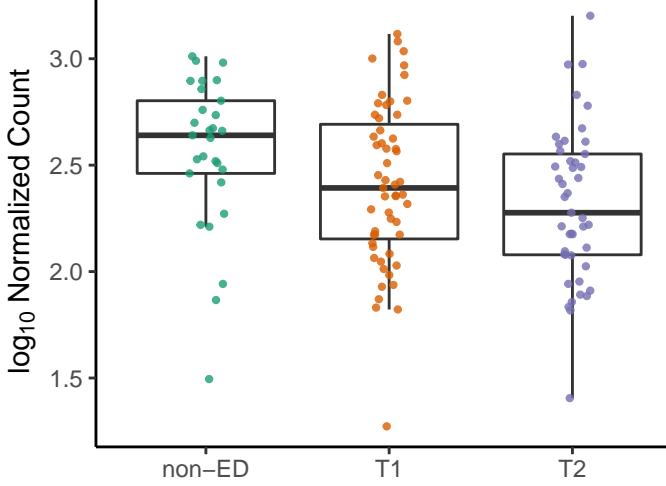
Paraburkholderia

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.79



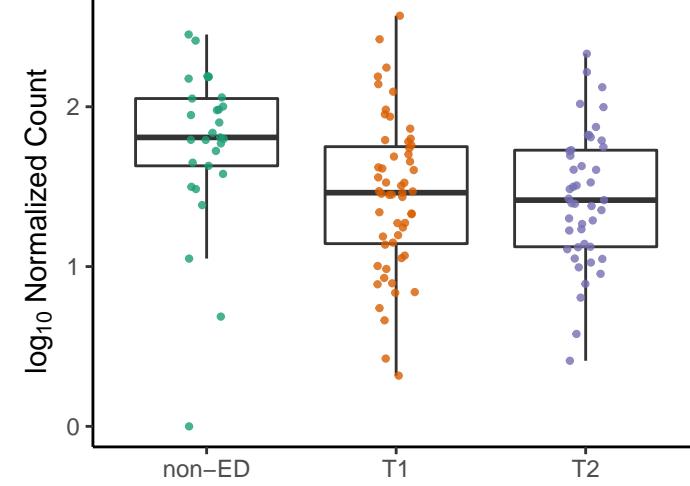
Crassaminicella

non-ED vs. T1 adjusted p = 0.099
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.79



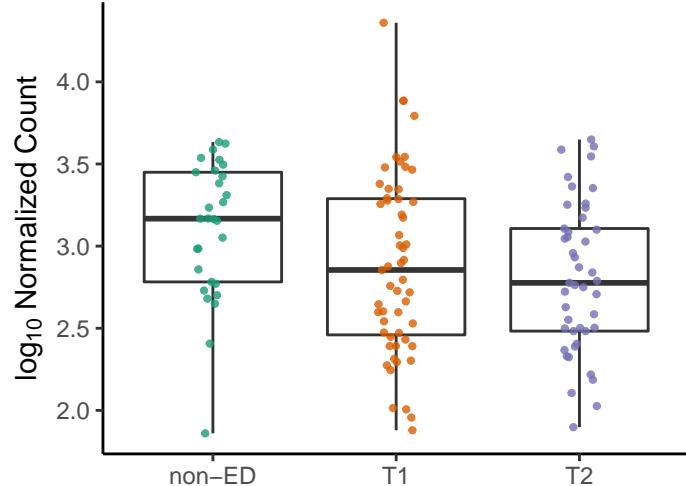
Deferrribacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.98



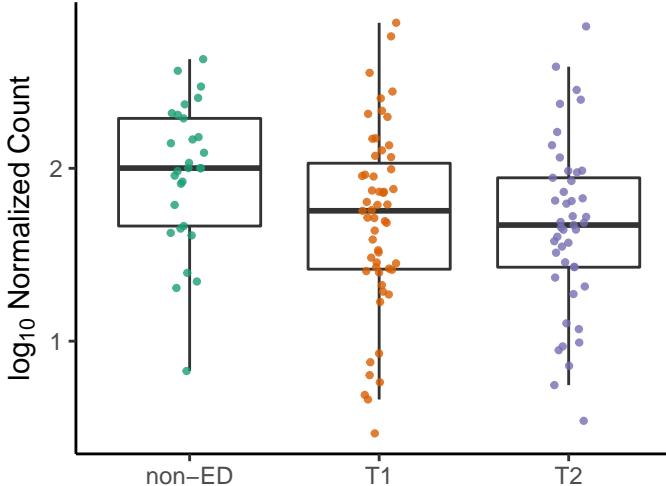
Romboutsia

non-ED vs. T1 adjusted p = 0.07
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 0.79



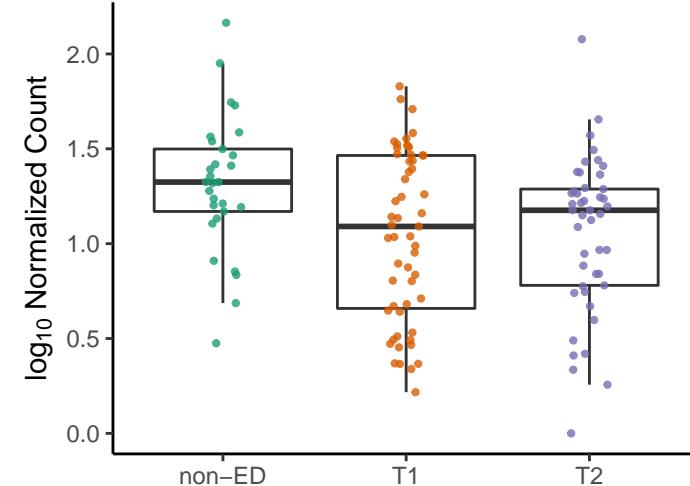
Silicimonas

non-ED vs. T1 adjusted p = 0.028
non-ED vs. T2 adjusted p = 0.02
T1 vs. T2 adjusted p = 1



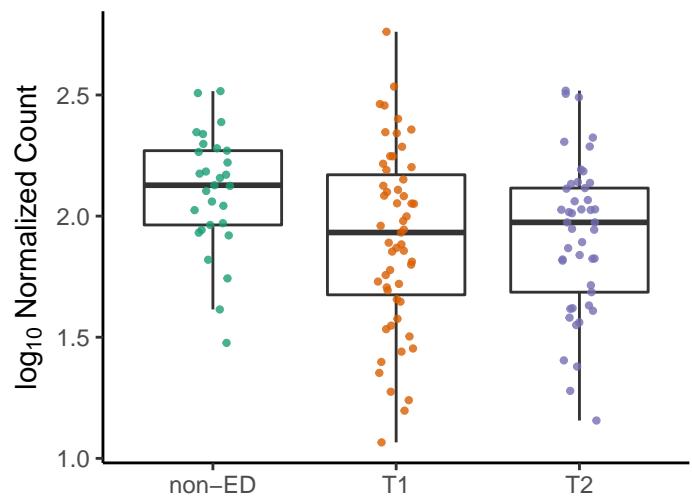
Candidatus Saccharimonas

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 1



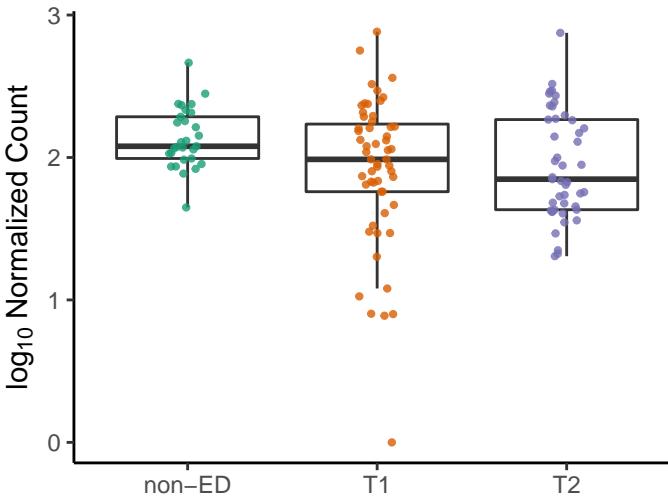
Pseudothermotoga

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.96



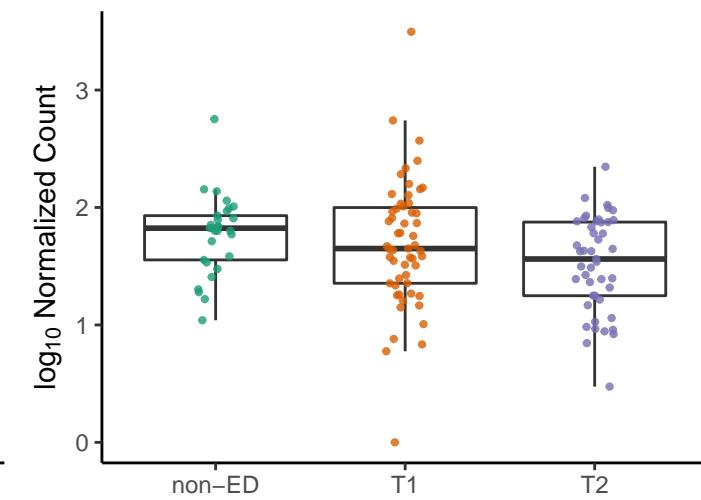
Anaerolinea

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.85



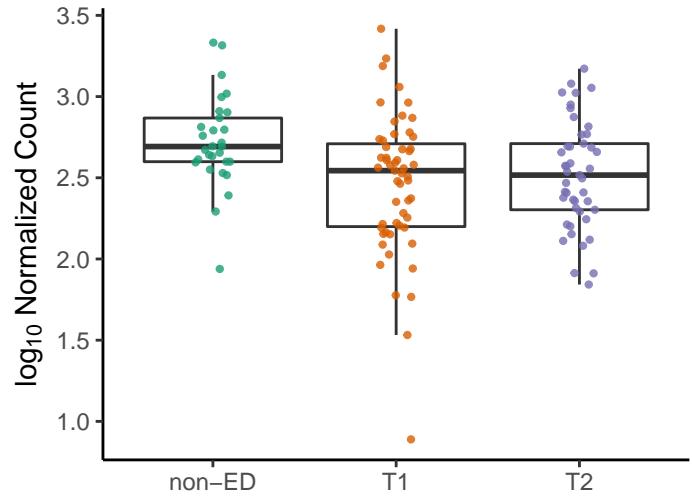
Buttiauxella

non-ED vs. T1 adjusted p = 0.47
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



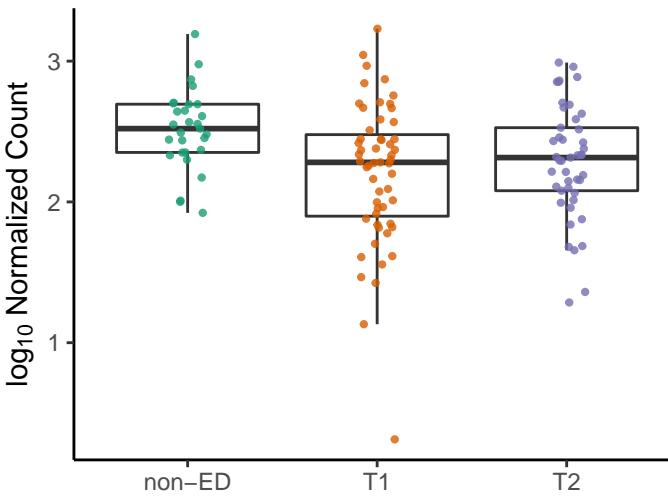
Ensifer

non-ED vs. T1 adjusted p = 0.0067
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



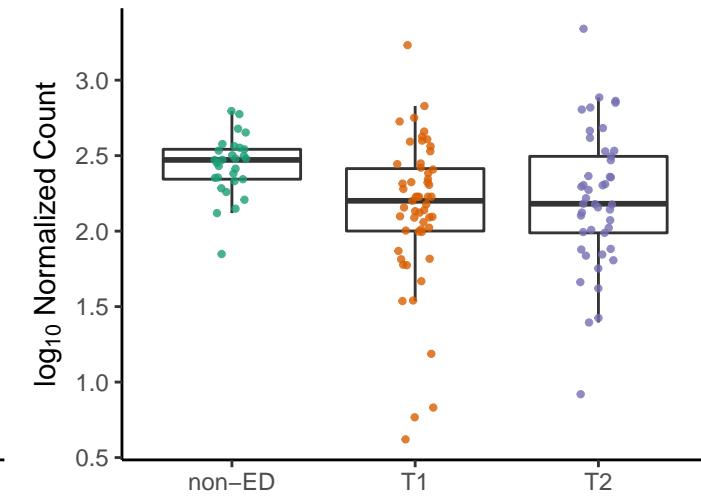
Spiribacter

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



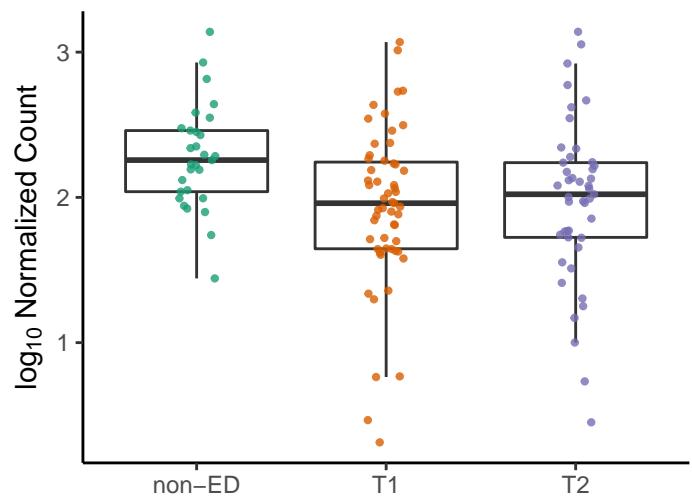
Haloarcula

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



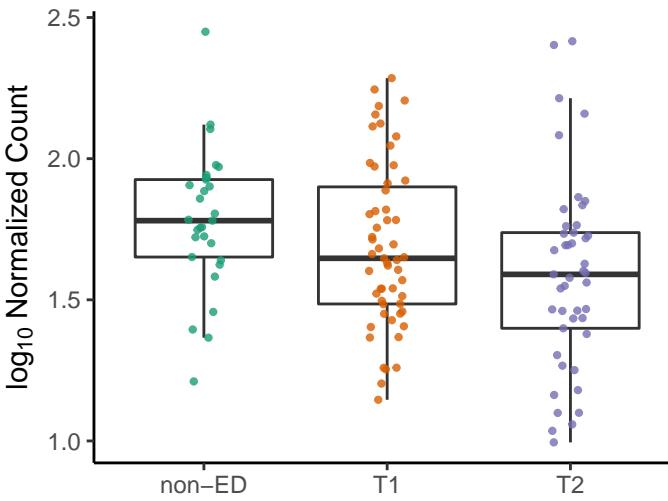
Salipiger

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



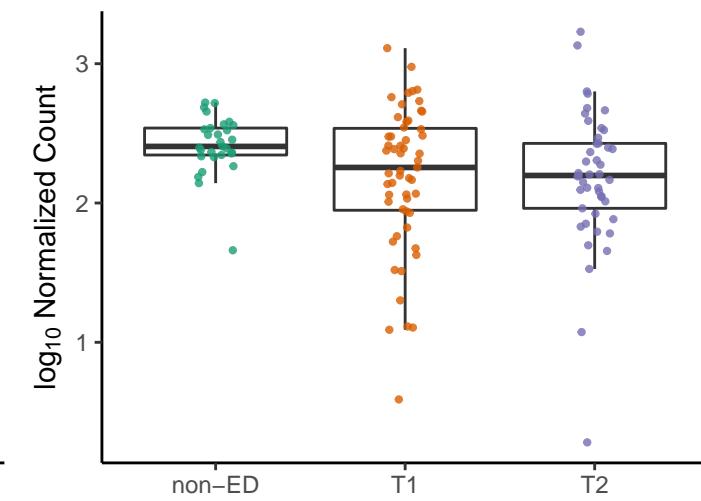
Plesiomonas

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.79



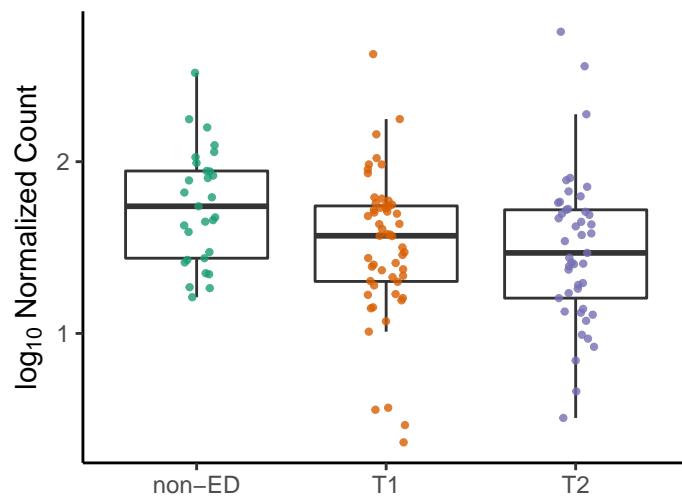
Thiodictyon

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 1



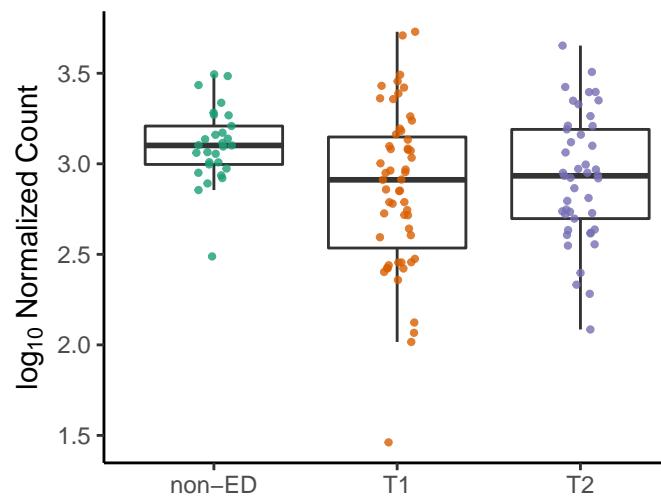
Elusimicrobium

non-ED vs. T1 adjusted p = 0.017
 non-ED vs. T2 adjusted p = 0.021
 T1 vs. T2 adjusted p = 0.98



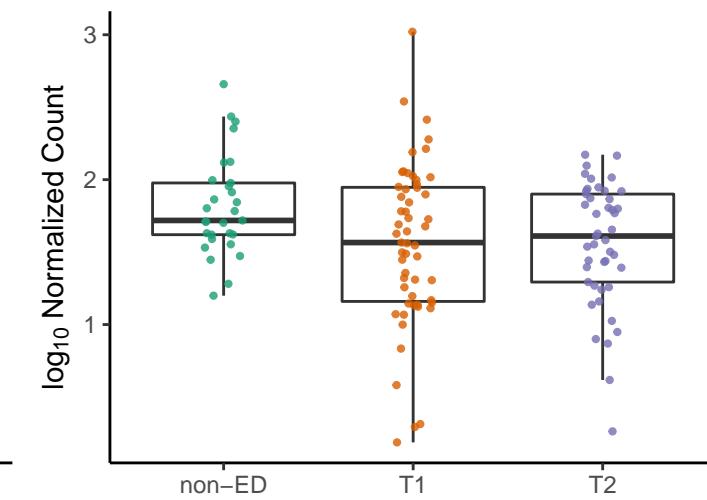
Ralstonia

non-ED vs. T1 adjusted p = 0.0056
 non-ED vs. T2 adjusted p = 0.021
 T1 vs. T2 adjusted p = 0.79



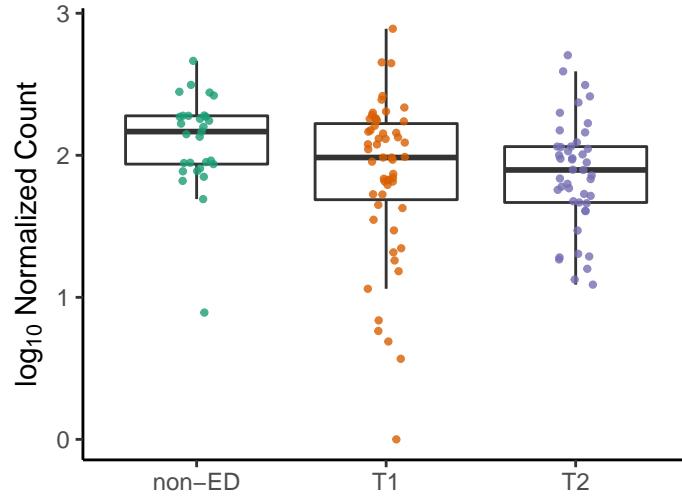
Neoasaia

non-ED vs. T1 adjusted p = 0.022
 non-ED vs. T2 adjusted p = 0.021
 T1 vs. T2 adjusted p = 0.8



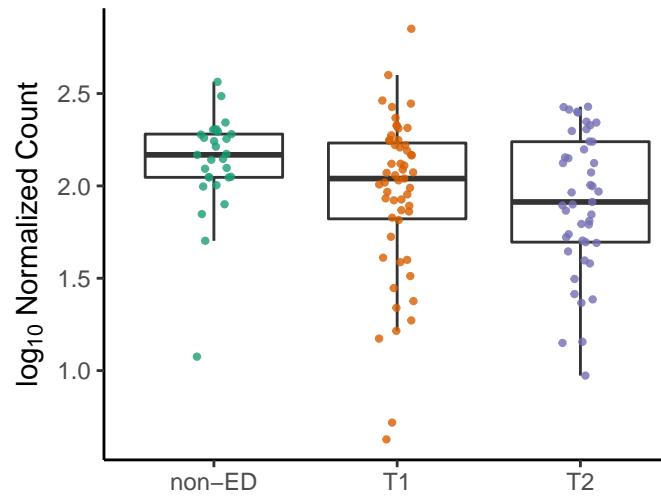
Robiginitalea

non-ED vs. T1 adjusted p = 0.029
 non-ED vs. T2 adjusted p = 0.021
 T1 vs. T2 adjusted p = 0.97



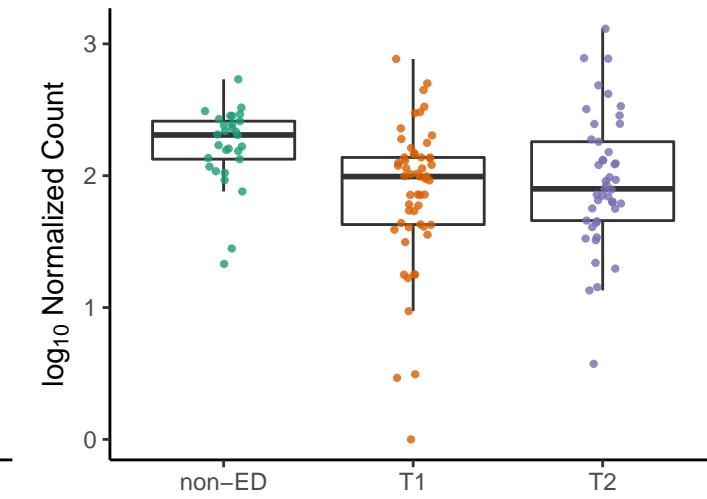
Dyadobacter

non-ED vs. T1 adjusted p = 0.048
 non-ED vs. T2 adjusted p = 0.021
 T1 vs. T2 adjusted p = 0.8



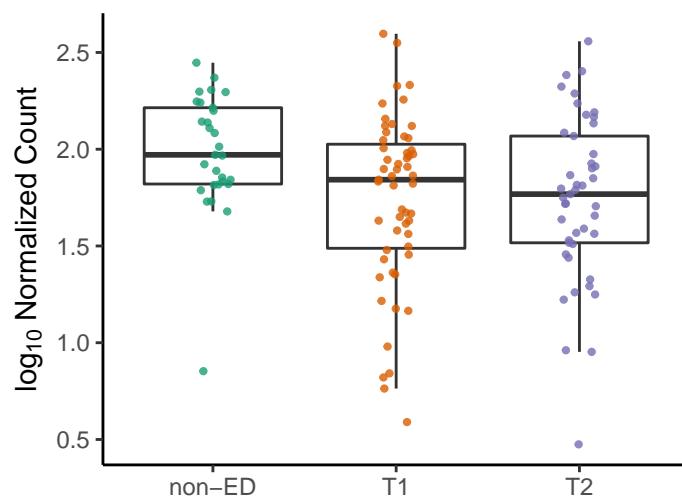
Unclassified Thermoplasmatales Order

non-ED vs. T1 adjusted p = 0.0033
 non-ED vs. T2 adjusted p = 0.022
 T1 vs. T2 adjusted p = 0.79



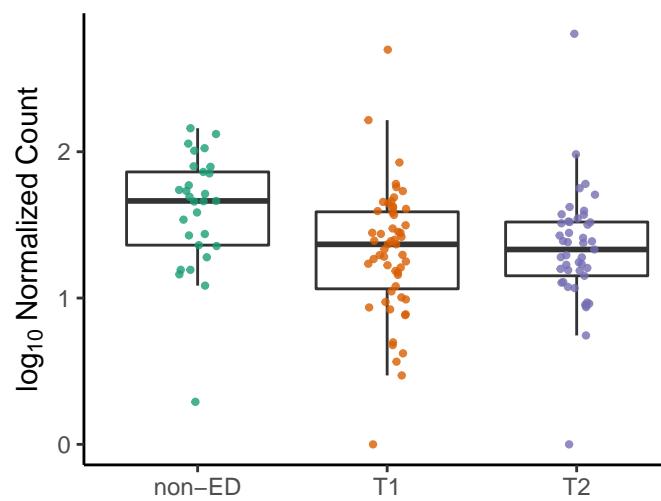
Roseibacterium

non-ED vs. T1 adjusted p = 0.012
 non-ED vs. T2 adjusted p = 0.022
 T1 vs. T2 adjusted p = 1



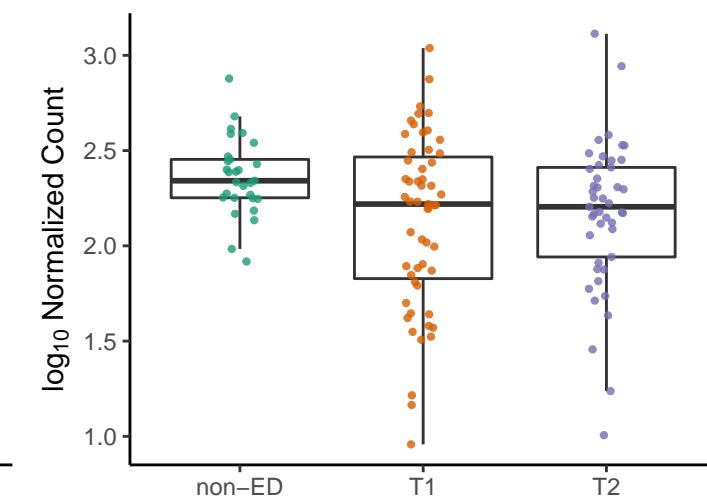
Agarivorans

non-ED vs. T1 adjusted p = 0.01
 non-ED vs. T2 adjusted p = 0.022
 T1 vs. T2 adjusted p = 0.81



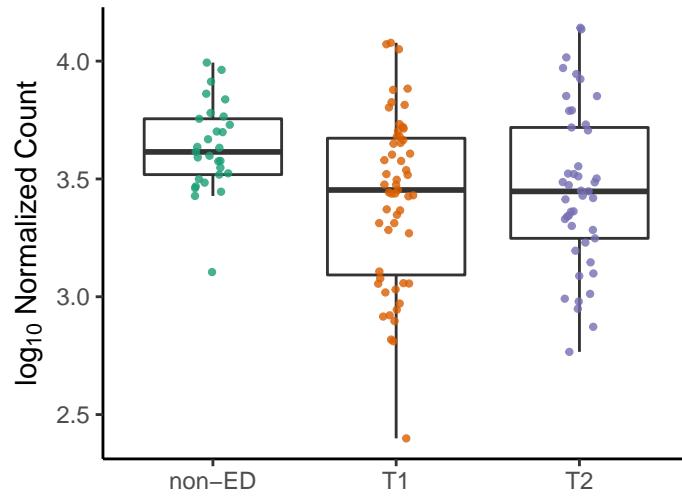
Emcibacter

non-ED vs. T1 adjusted p = 0.0078
 non-ED vs. T2 adjusted p = 0.022
 T1 vs. T2 adjusted p = 0.82



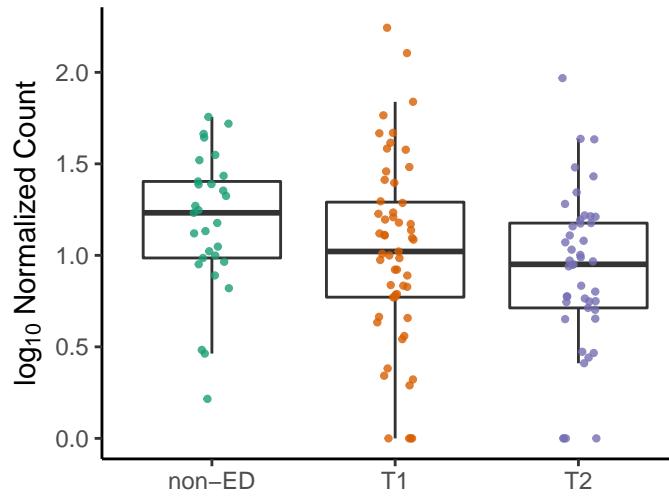
Rhizobium

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



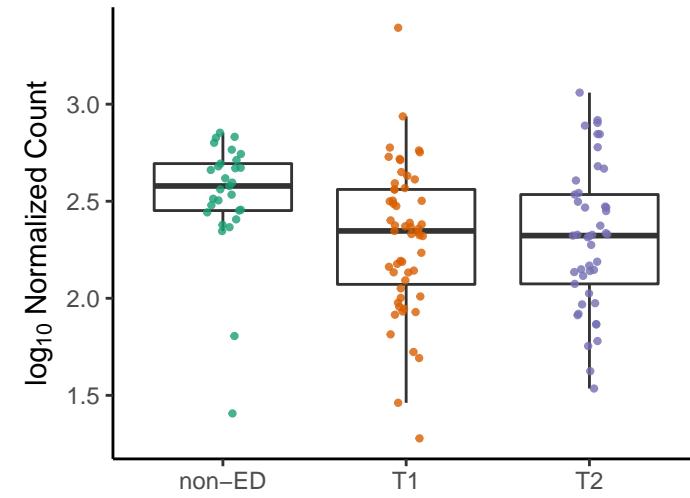
Candidatus Paracaedibacter

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



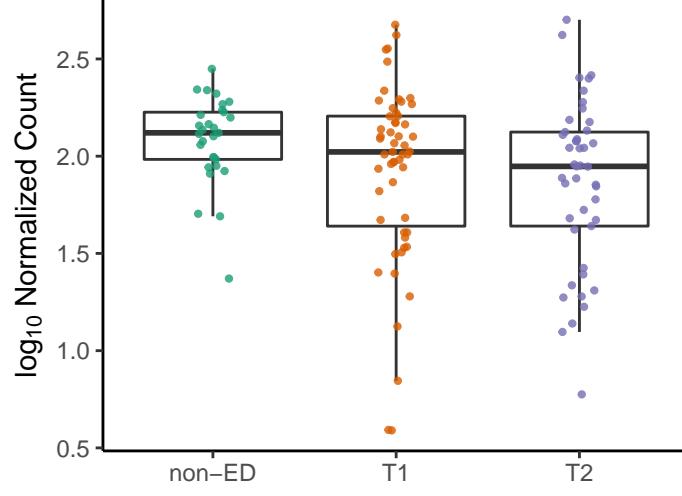
Kushneria

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.89



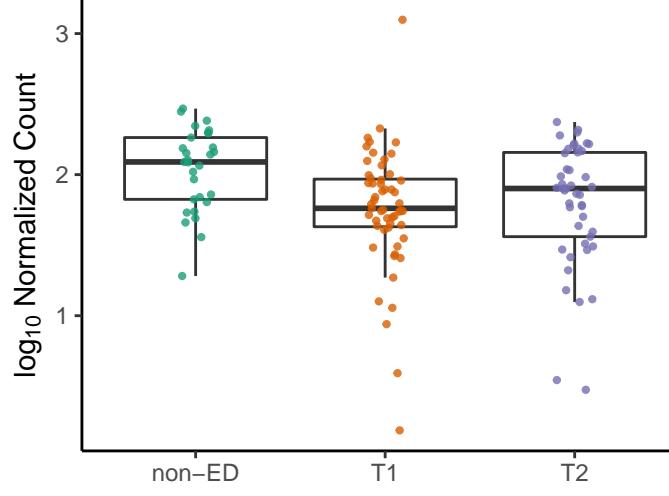
Nitrobacter

non-ED vs. T1 adjusted p = 0.056
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.94



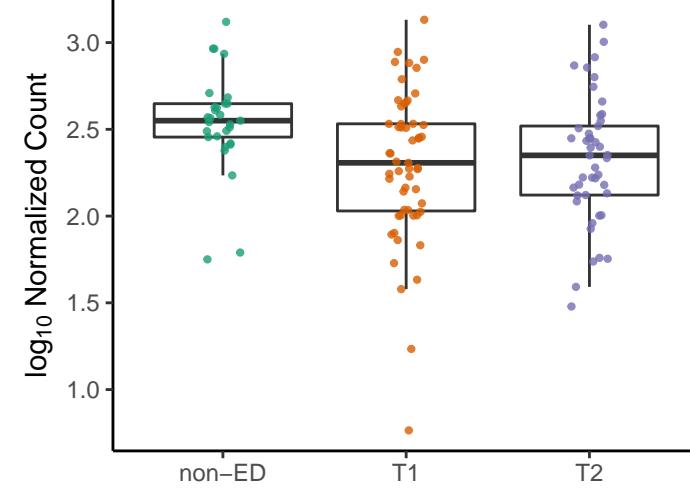
Rhodobaca

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



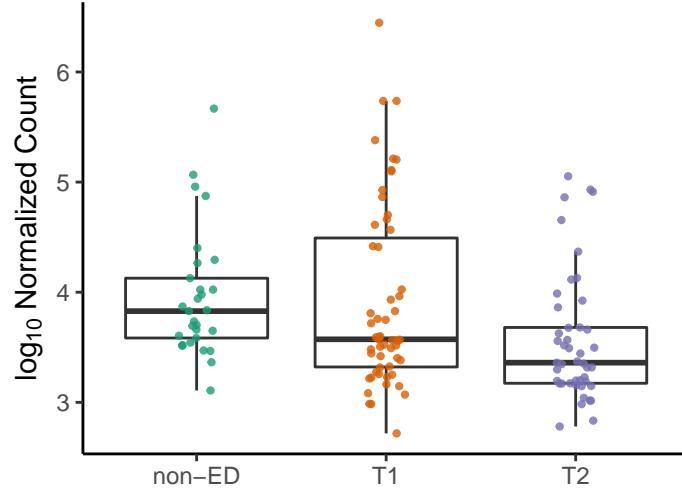
Roseiflexus

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



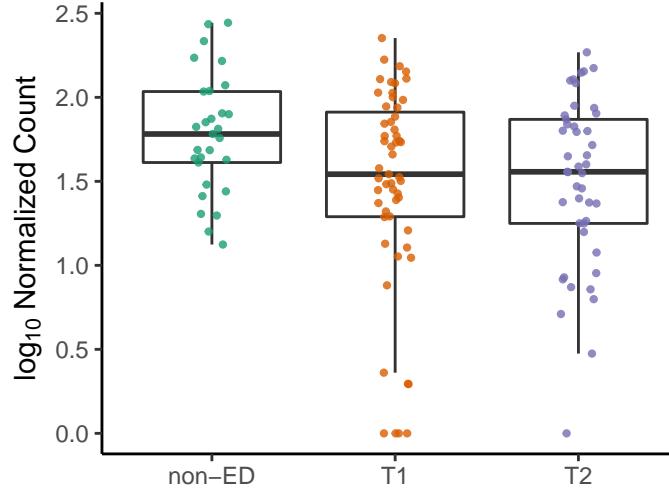
Unclassified Enterobacteriaceae Family

non-ED vs. T1 adjusted p = 0.8
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



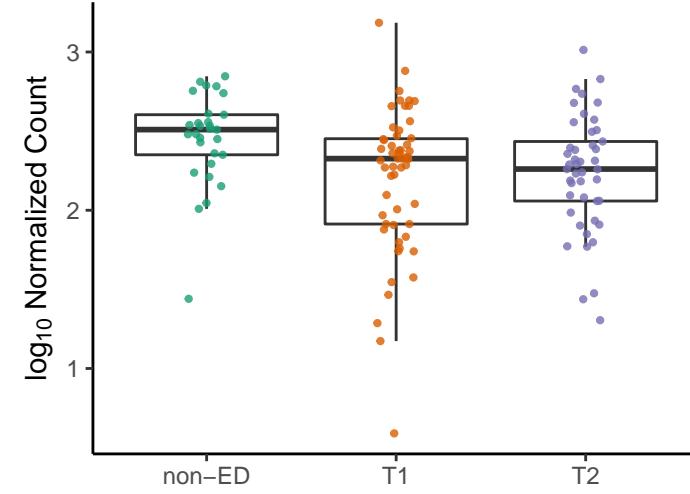
Unclassified Synechococcaceae Family

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.85



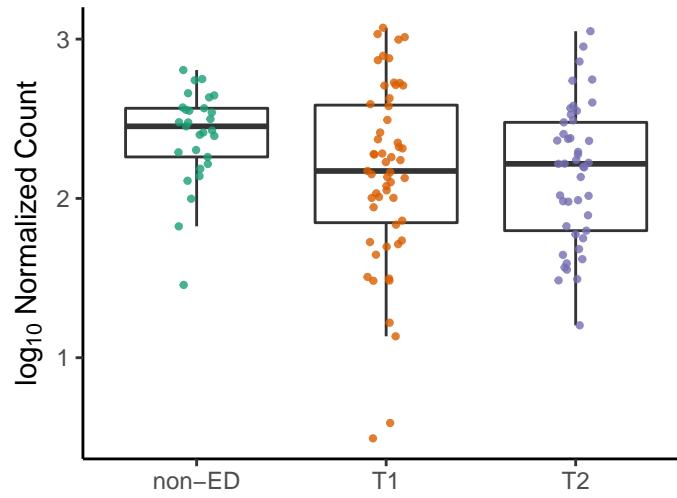
Asticcacaulis

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.85



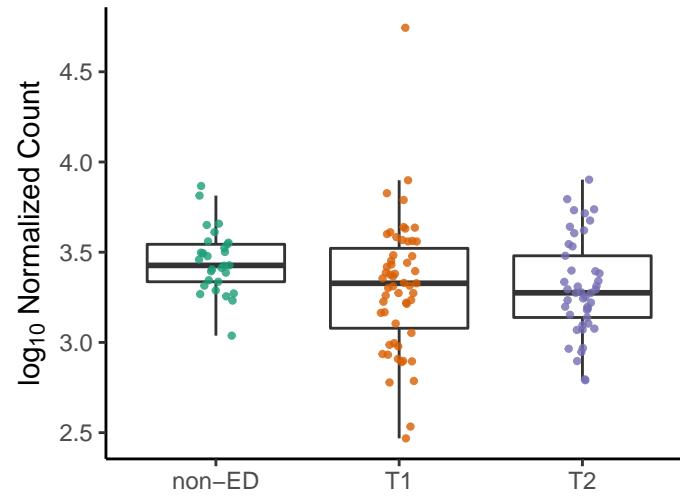
Sandaracinus

non-ED vs. T1 adjusted p = 0.028
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.91



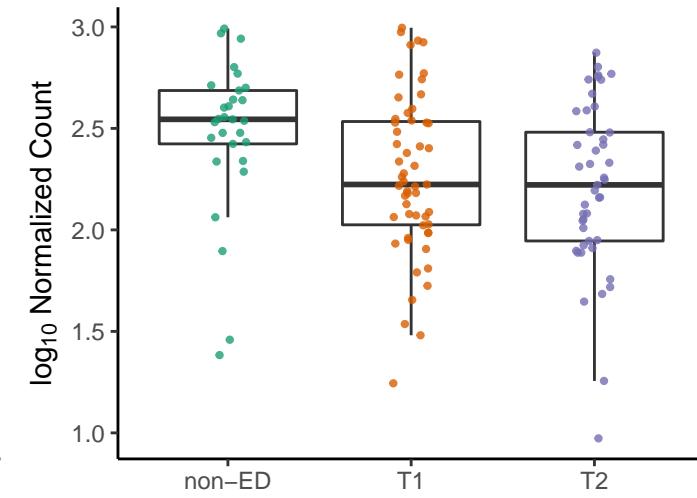
Serratia

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



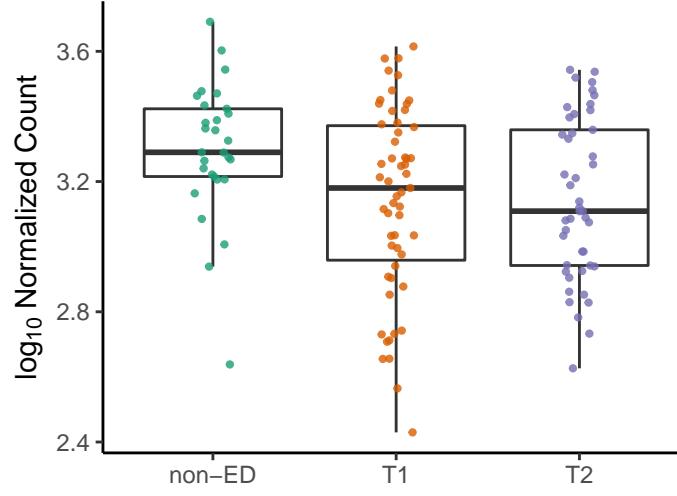
Candidatus Arthromitus

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.82



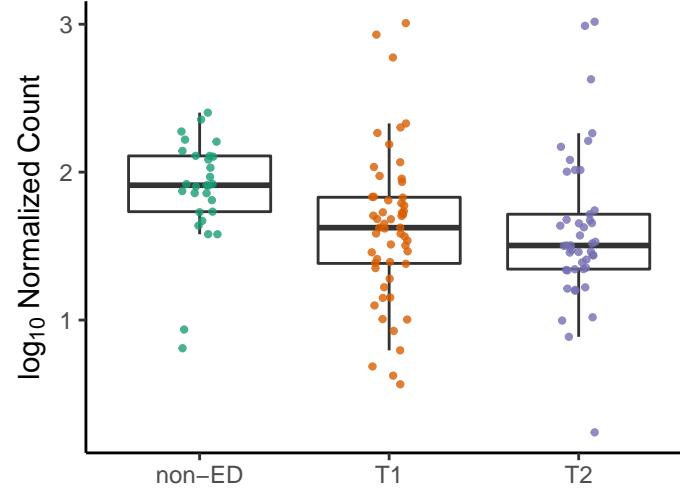
Shewanella

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.91



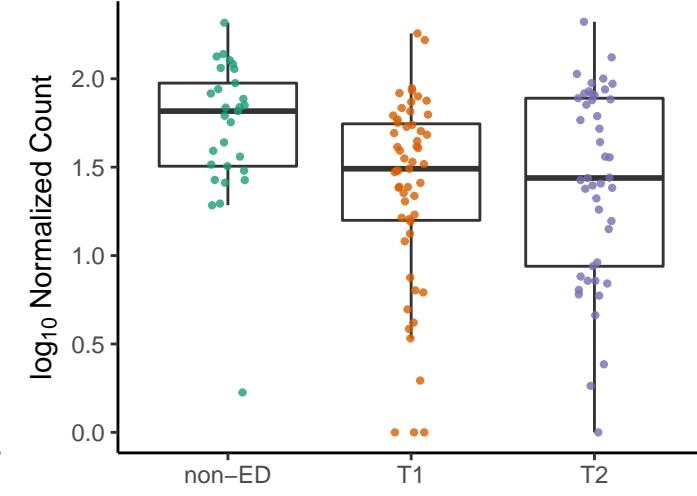
Beggiatoa

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.96



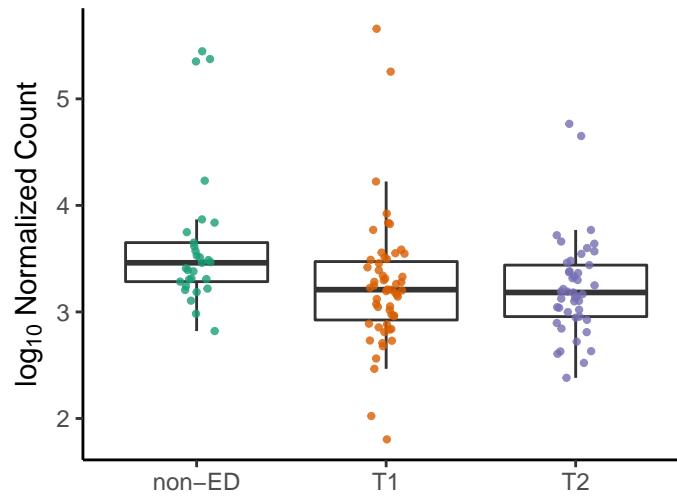
Thermovibrio

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.81



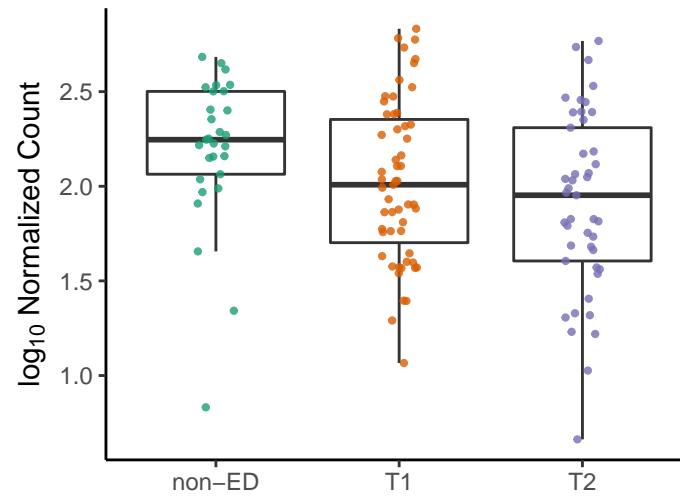
Acidaminococcus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.91



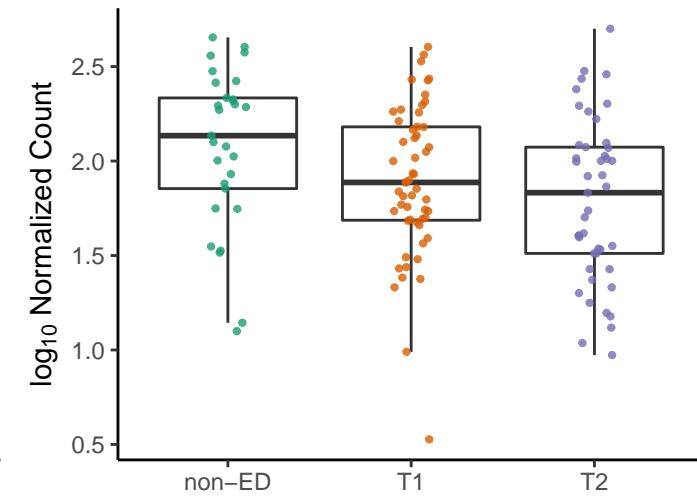
Borrelia

non-ED vs. T1 adjusted p = 0.097
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



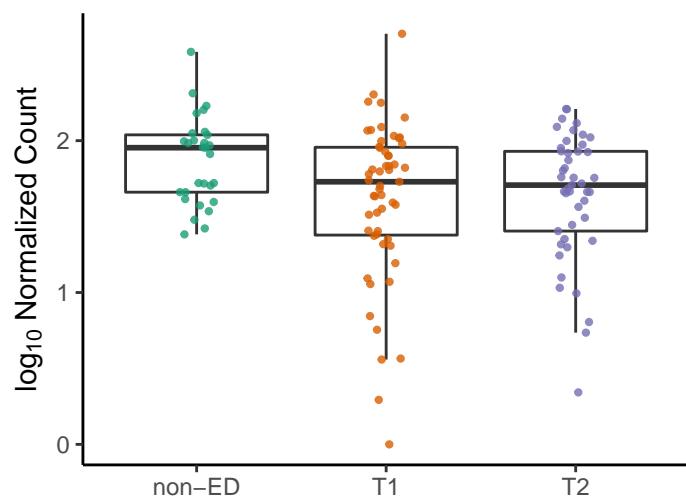
Halobacteroides

non-ED vs. T1 adjusted p = 0.085
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



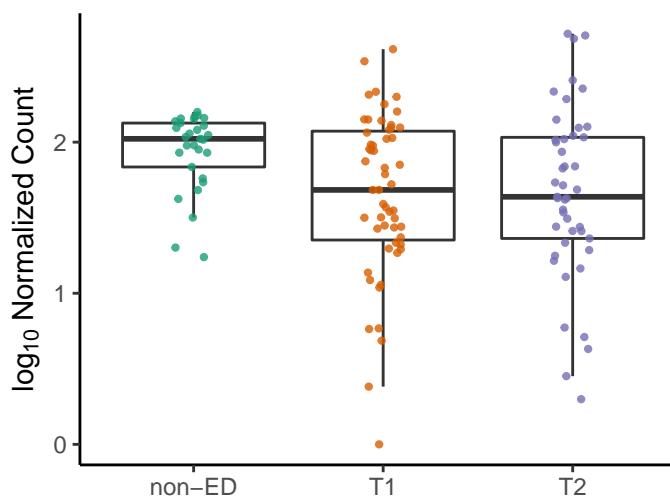
Acidilobus

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.8



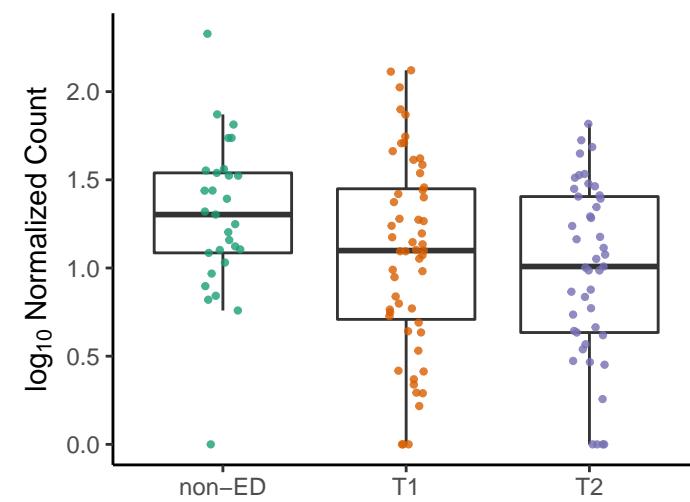
Frateuria

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



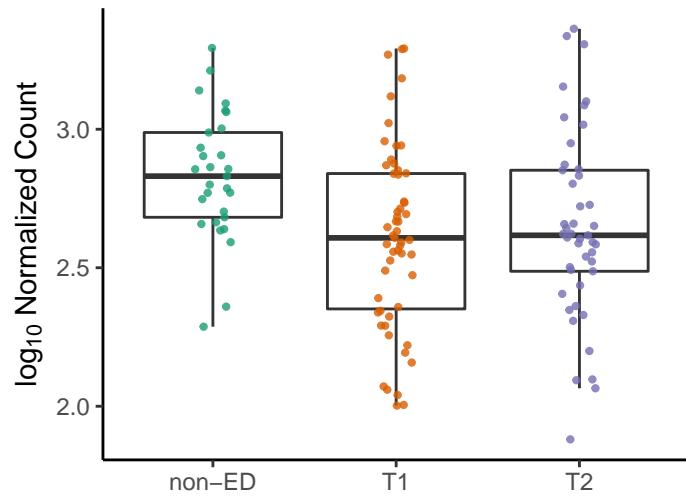
Hydrogenobacter

non-ED vs. T1 adjusted p = 0.075
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



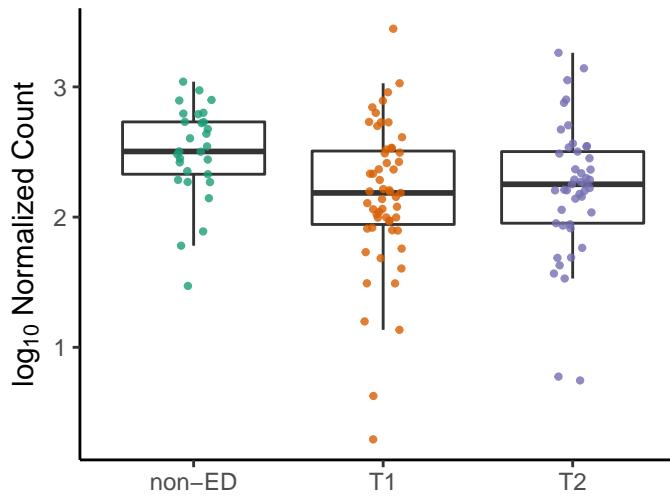
Phaeobacter

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.022
T1 vs. T2 adjusted p = 0.79



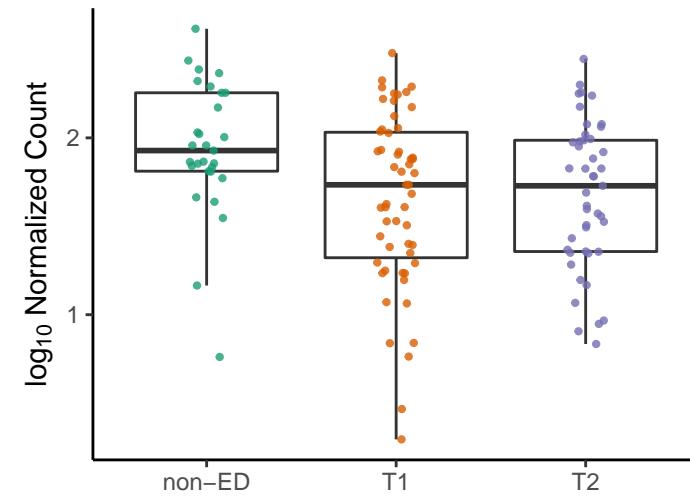
Kutzneria

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



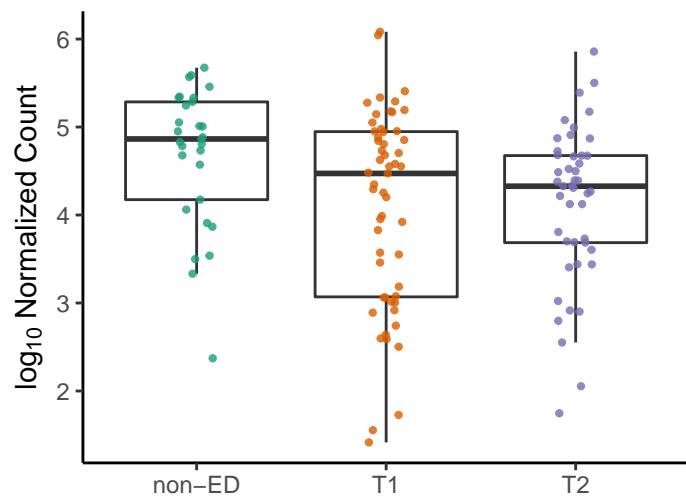
Tetrasphaera

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.86



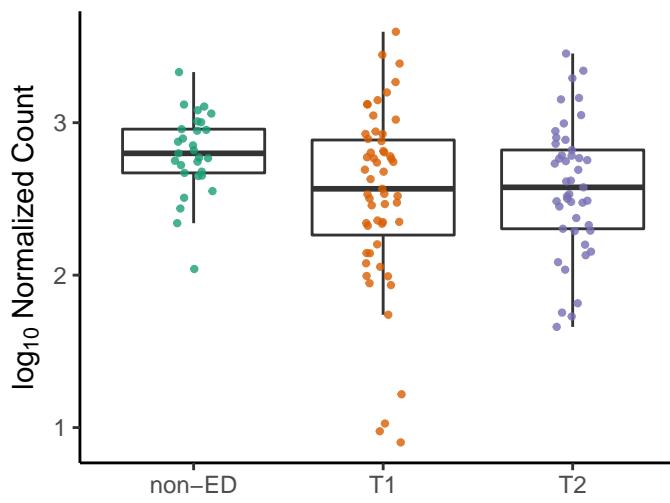
Adlercreutzia

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.86



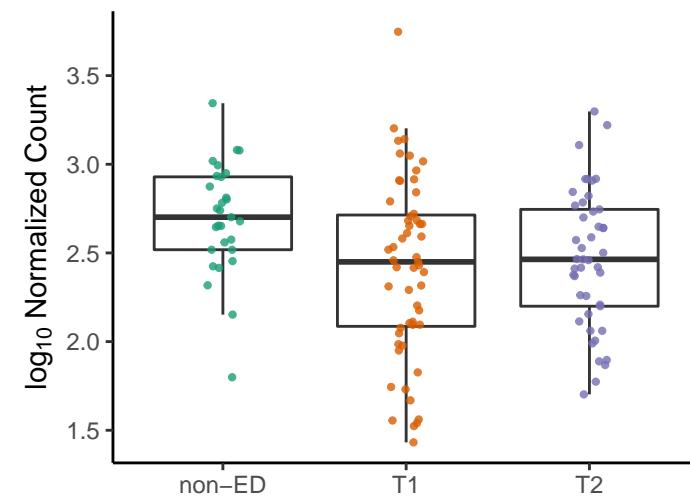
Nocardiopsis

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



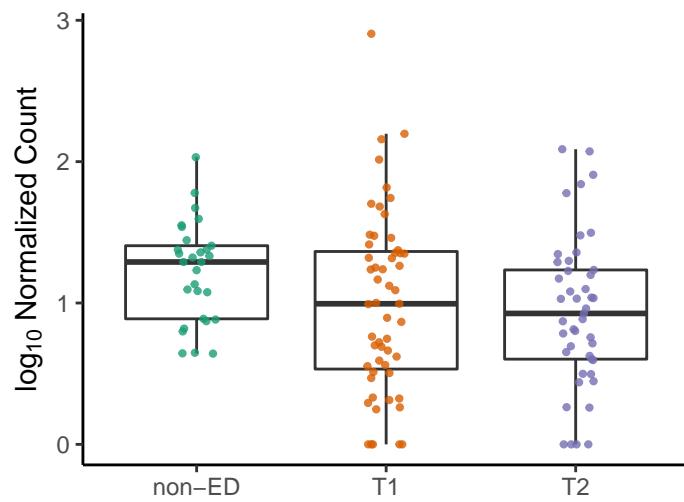
Plantactinospora

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



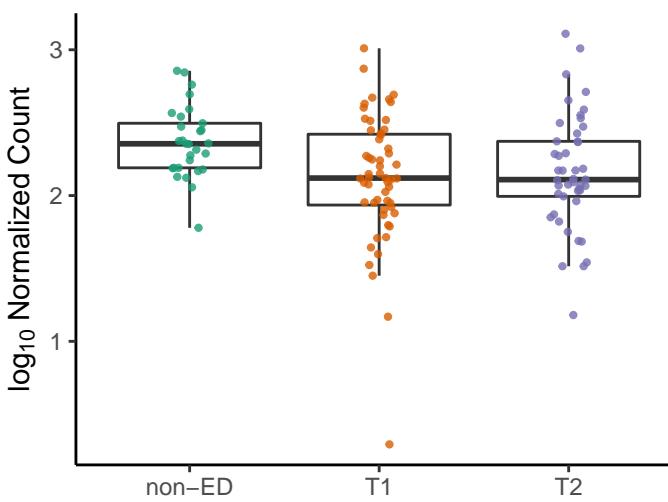
Thermoplasma

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



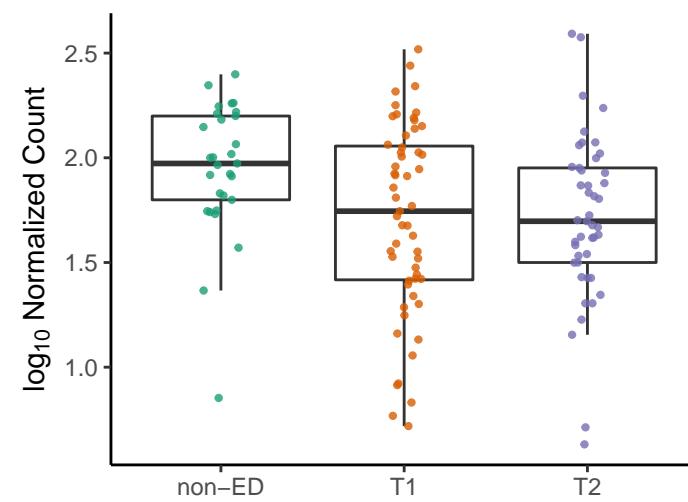
Unclassified Chromatiaceae Family

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.8



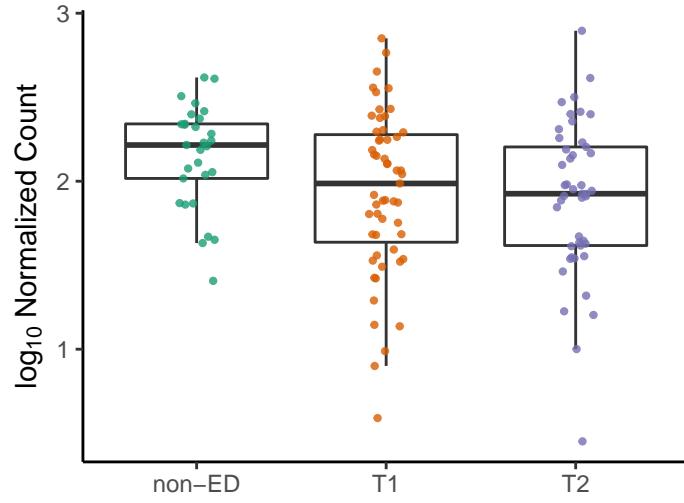
Ustilago

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.8



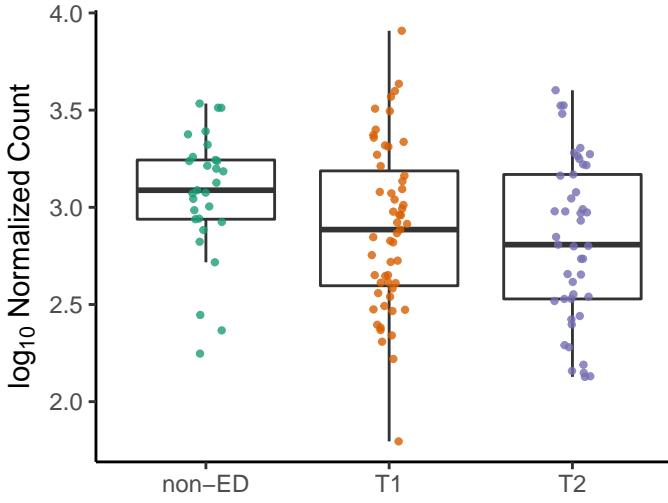
Sulfuritortus

non-ED vs. T1 adjusted p = 0.029
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.99



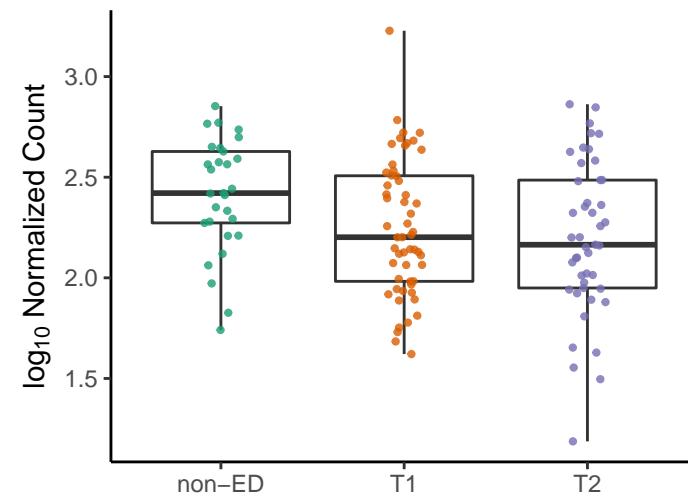
Arcobacter

non-ED vs. T1 adjusted p = 0.065
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



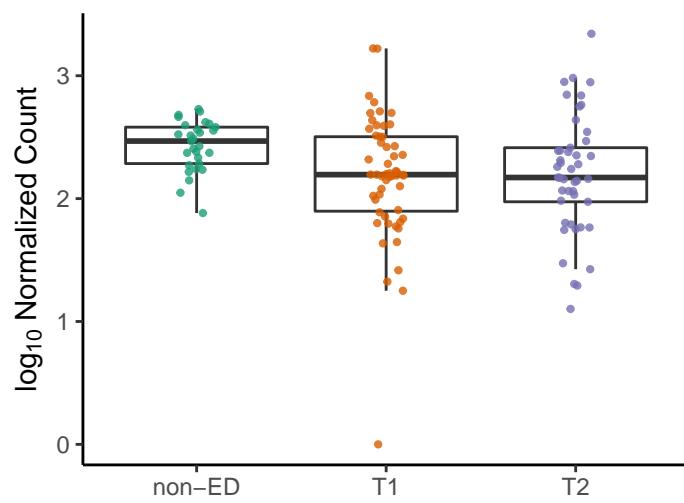
Flammeovirga

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



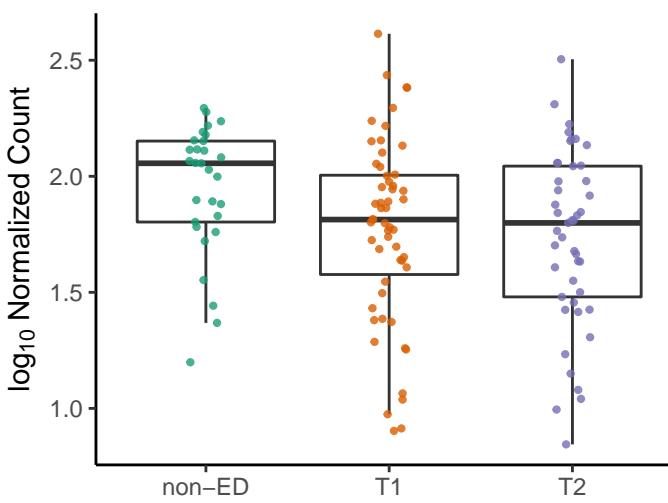
Luteibacter

non-ED vs. T1 adjusted p = 0.0078
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.9



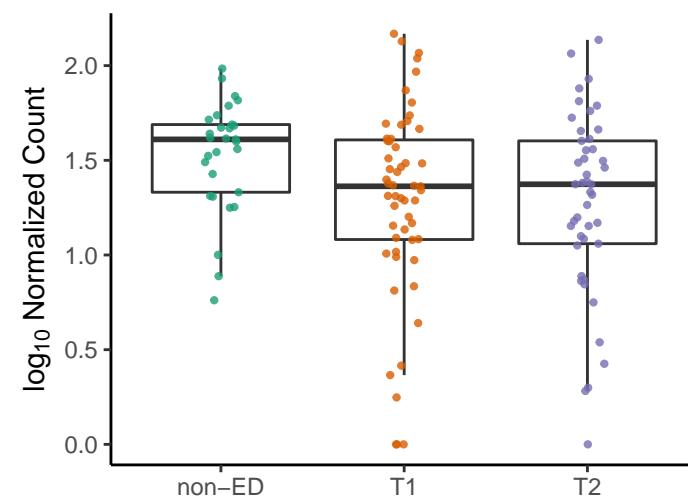
Candidatus Kuenenia

non-ED vs. T1 adjusted p = 0.039
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.86



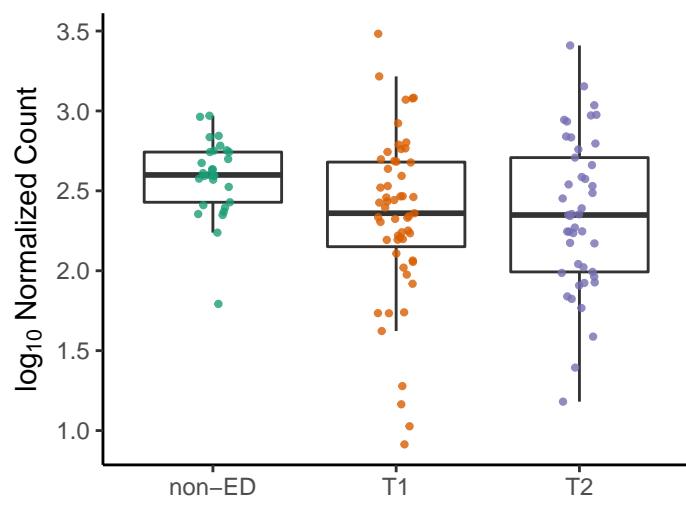
Halodesulfurarchaeum

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 1



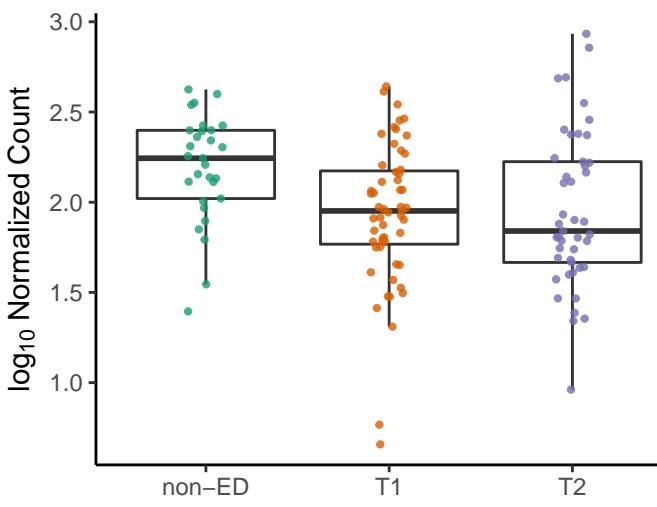
Hypericibacter

non-ED vs. T1 adjusted p = 0.0099
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



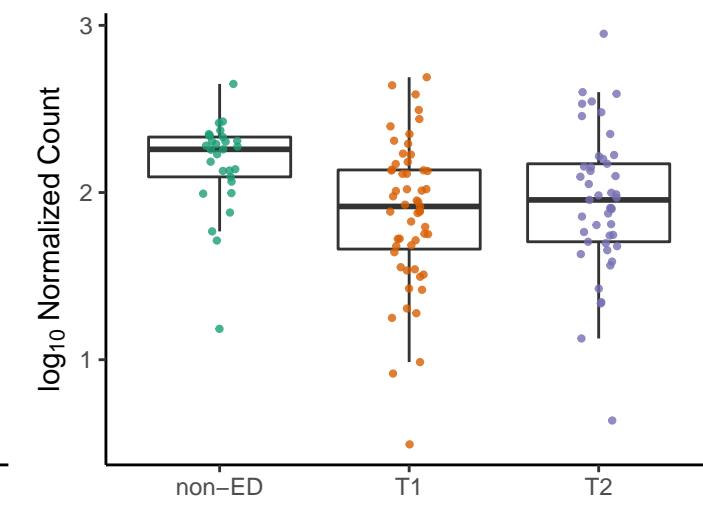
Nautilia

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 1



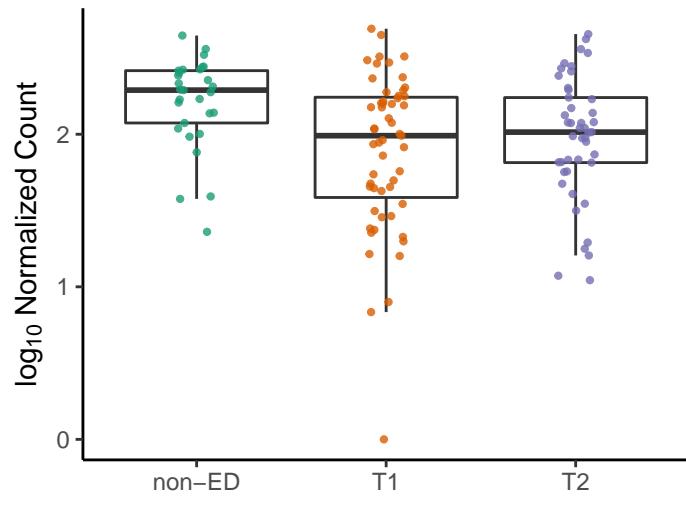
Neokomagataea

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



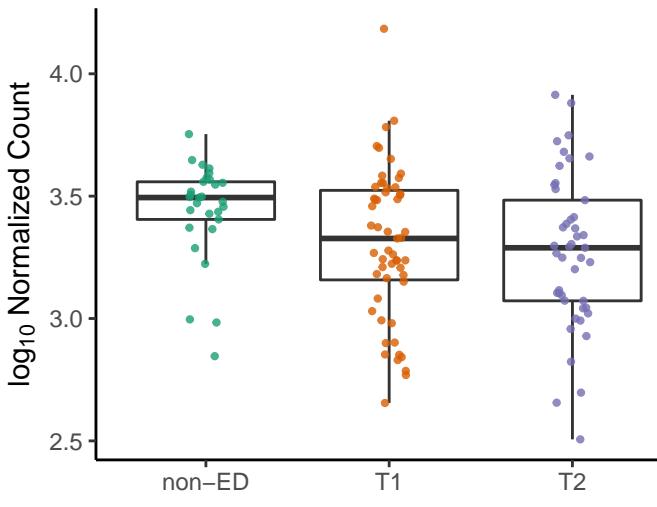
Azorhizobium

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



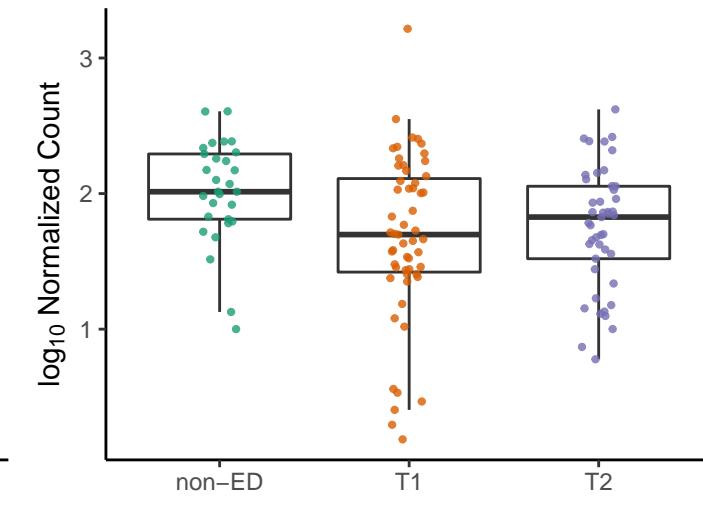
Flavobacterium

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.8



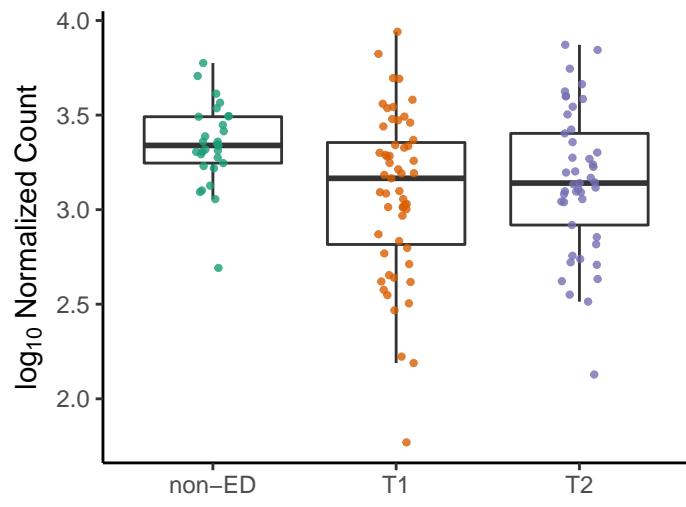
Segniliparus

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



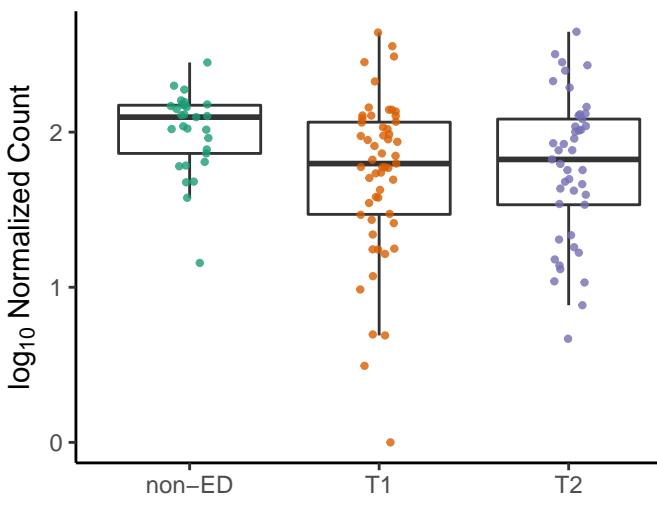
Achromobacter

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



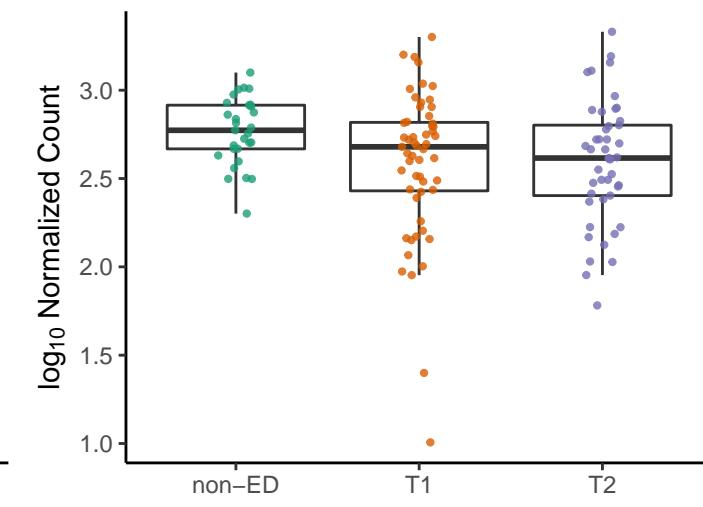
Crenobacter

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.8



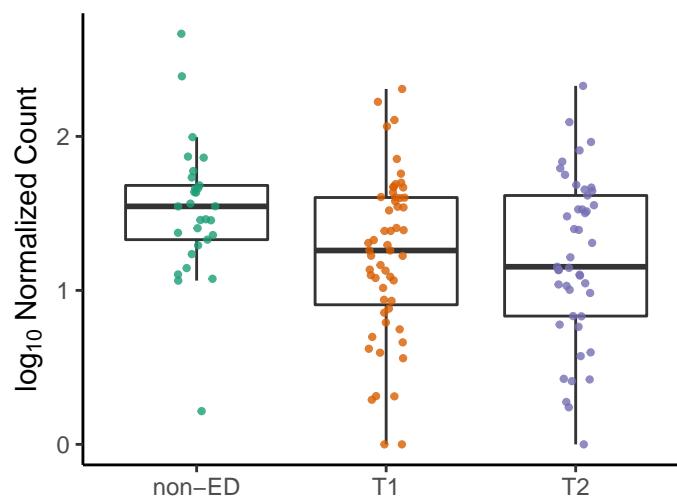
Desulfomicrobium

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.88



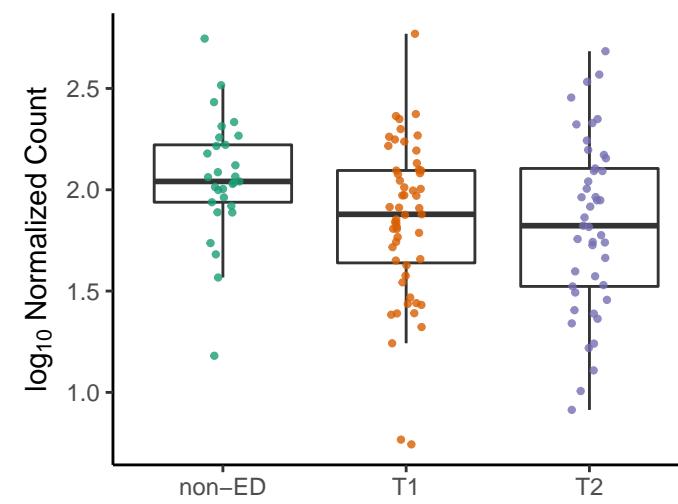
Marivivens

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.92



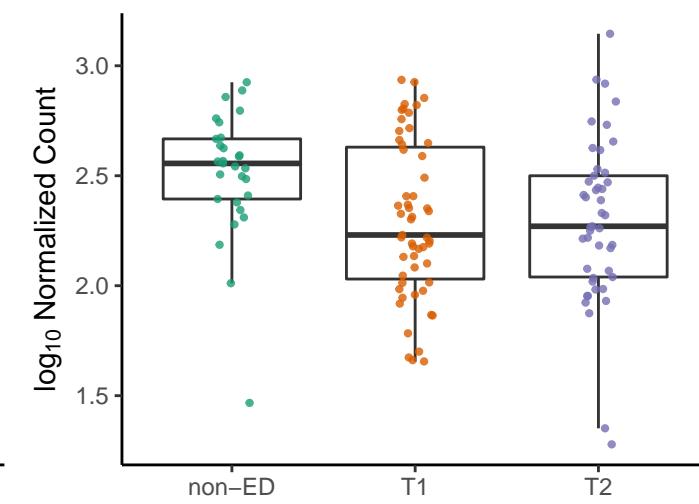
Unclassified Alteromonadales Order

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.92



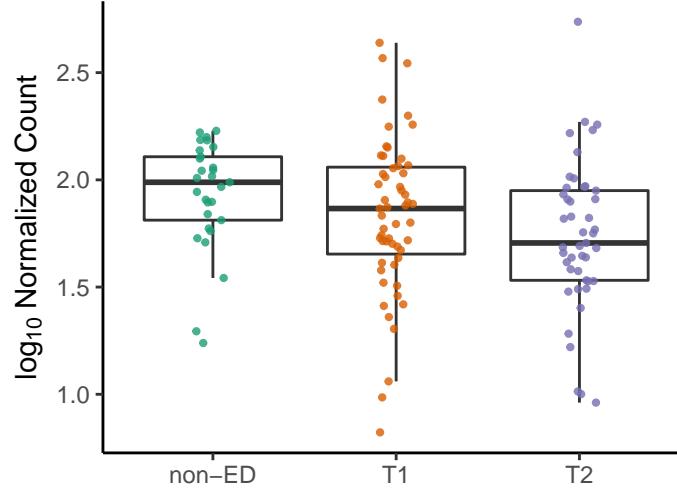
Halanaerobium

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.97



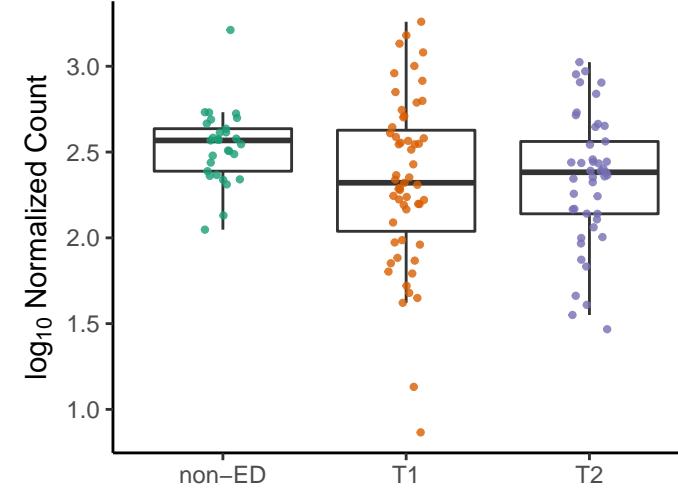
Leeuwenhoekia

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.79



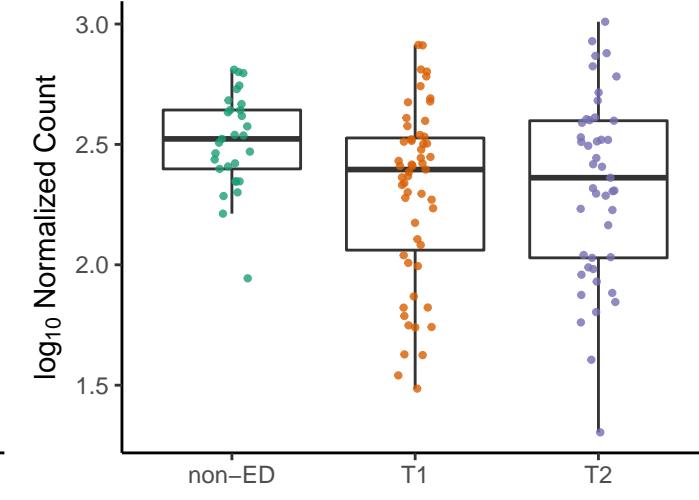
Unclassified Verrucomicrobia Phylum

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.023
T1 vs. T2 adjusted p = 0.91



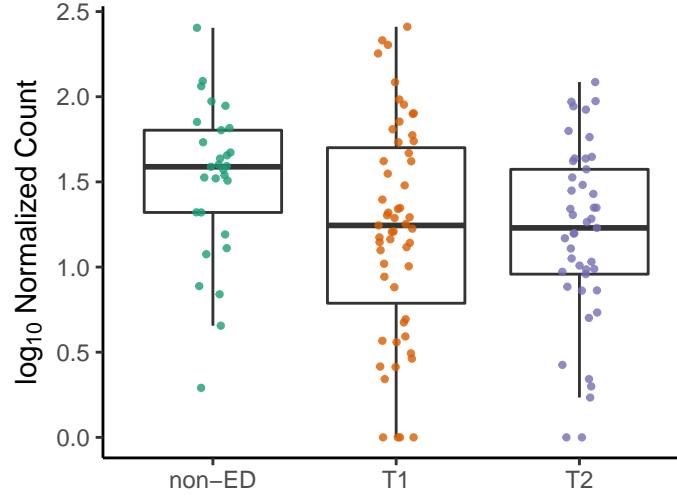
Sphingorhabdus

non-ED vs. T1 adjusted p = 0.006
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.81



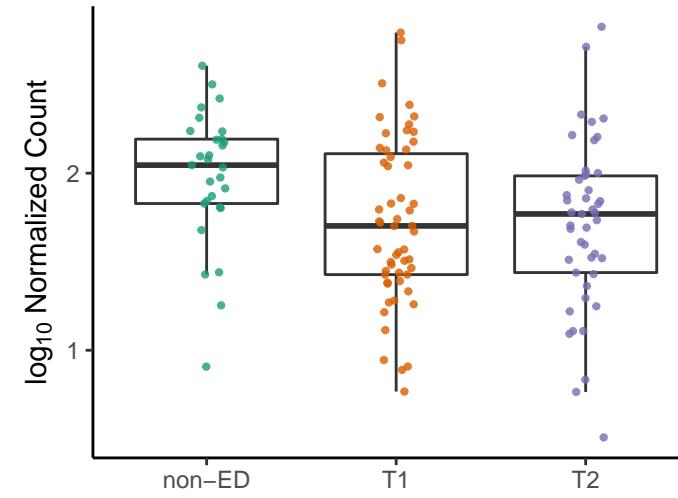
Cnubacter

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.91



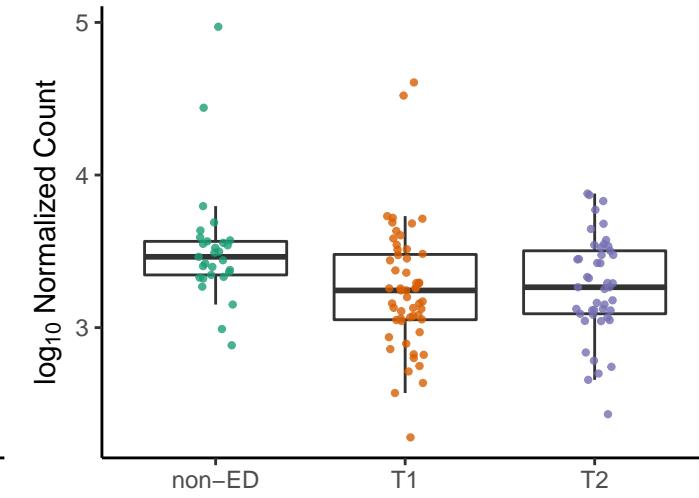
Halarcobacter

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.92



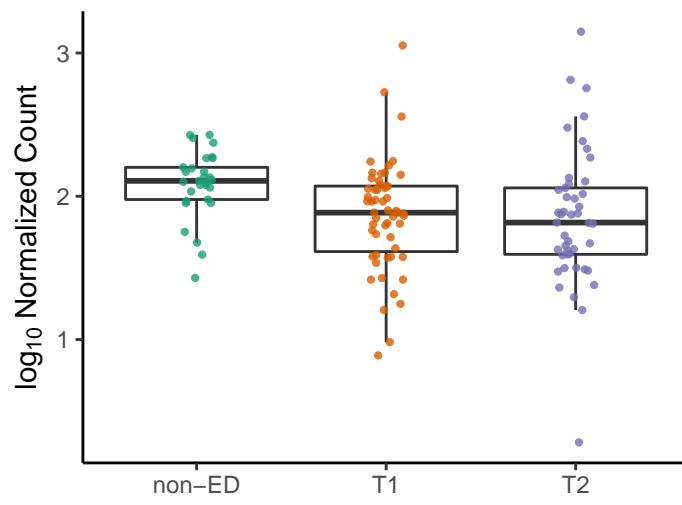
Megasphaera

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



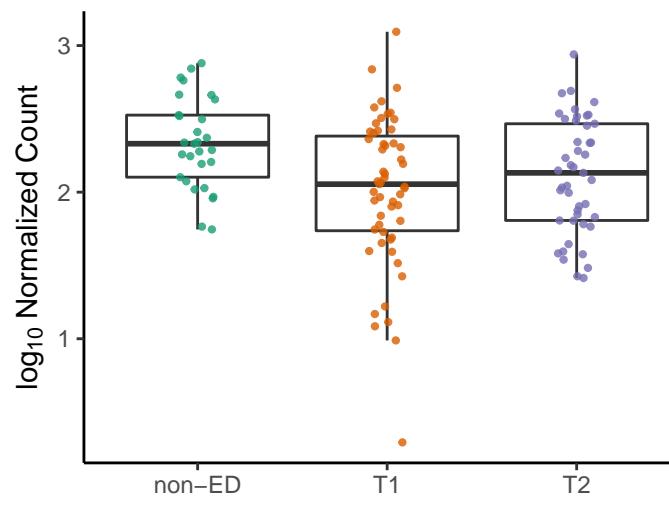
Rouxiella

non-ED vs. T1 adjusted p = 0.0081
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 1



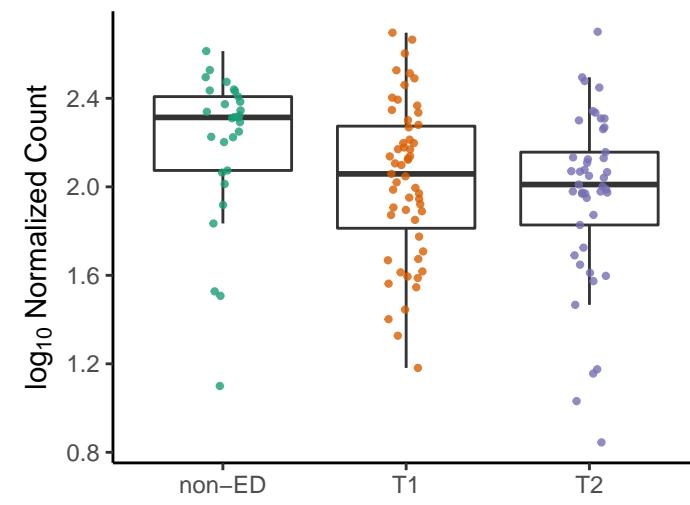
Ruania

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



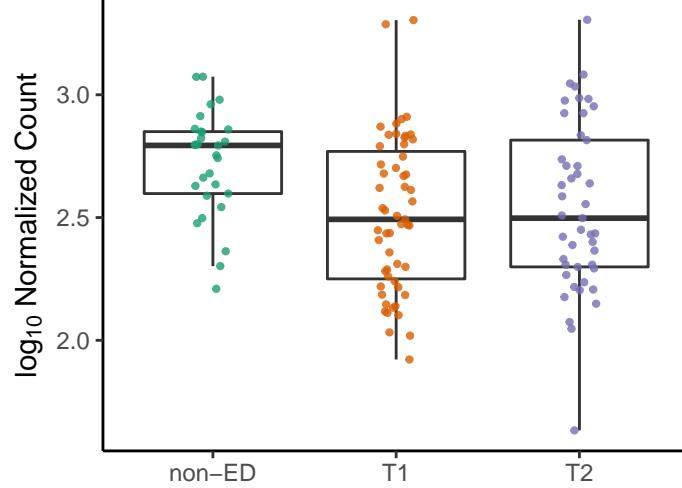
Kordia

non-ED vs. T1 adjusted p = 0.056
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



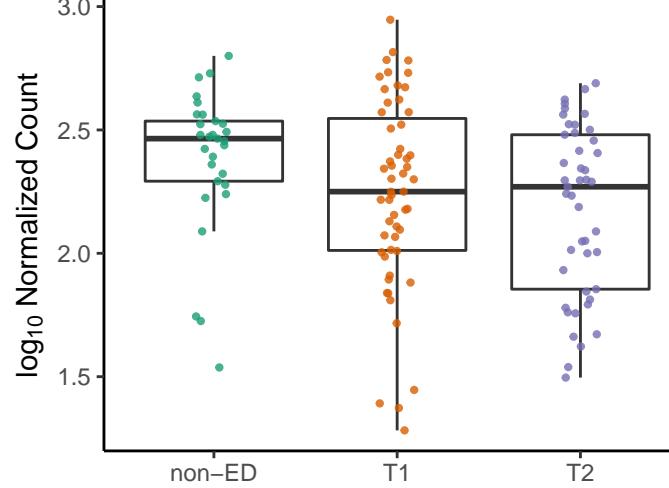
Polynucleobacter

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.91



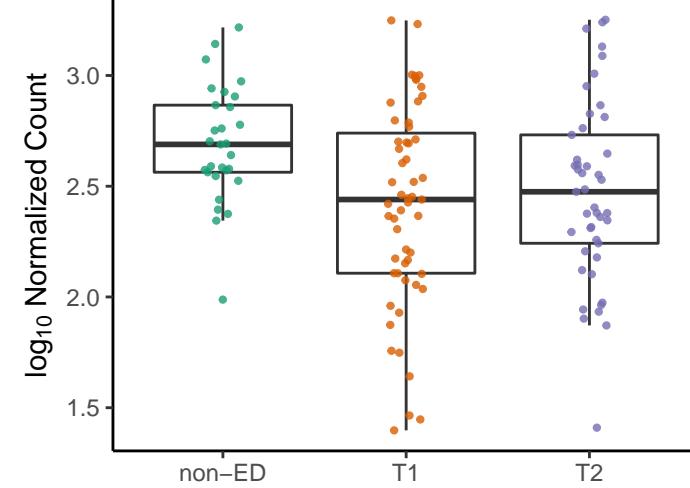
Tetrapisispora

non-ED vs. T1 adjusted p = 0.097
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



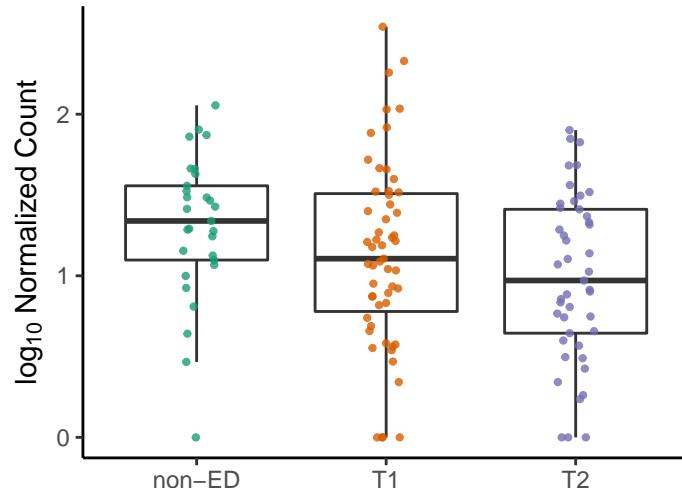
Saccharopolyspora

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



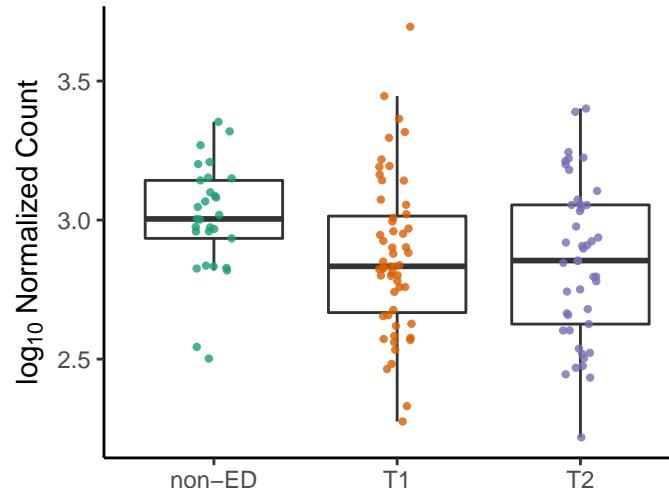
Unclassified Peptoniphilaceae Family

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.79



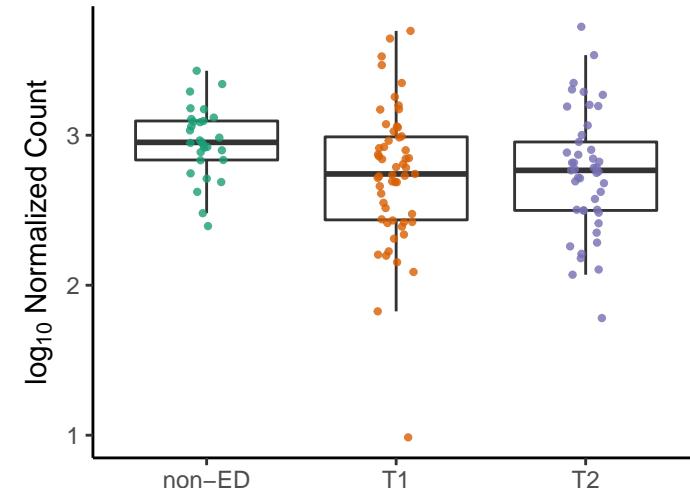
Yersinia

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.9



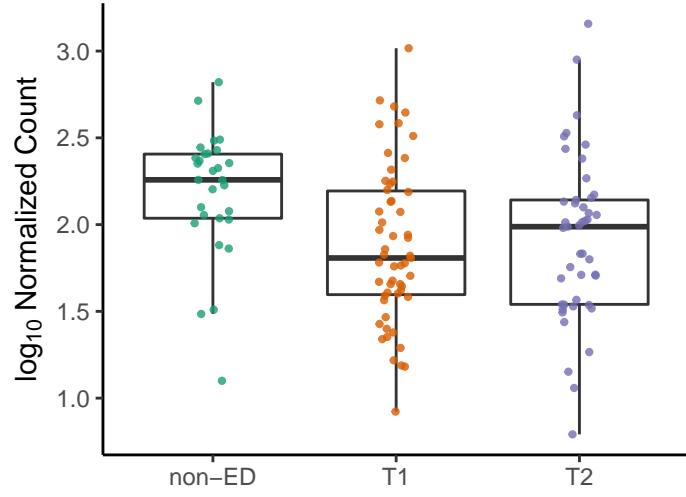
Rhodopseudomonas

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.86



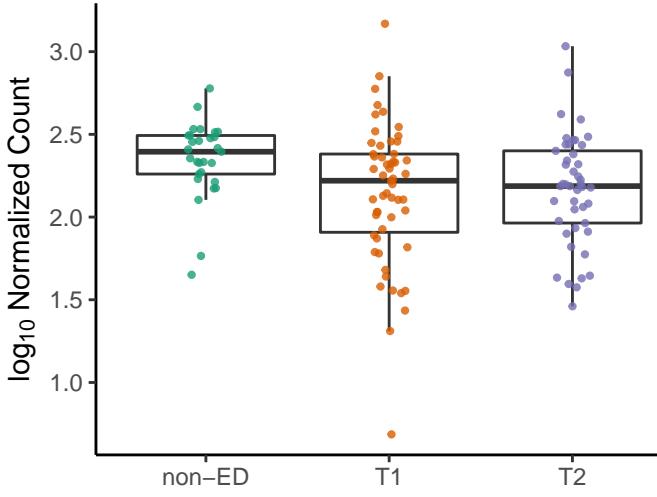
Ignavibacterium

non-ED vs. T1 adjusted p = 0.0062
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.96



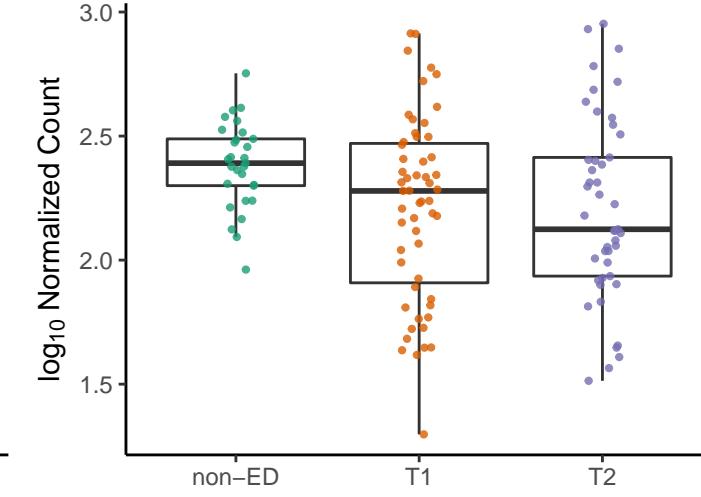
Thermothelomyces

non-ED vs. T1 adjusted p = 0.014
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.79



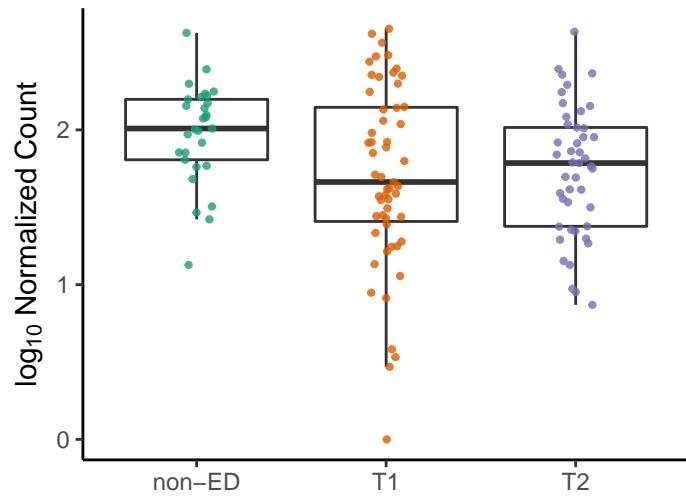
Ferrimonas

non-ED vs. T1 adjusted p = 0.015
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.99



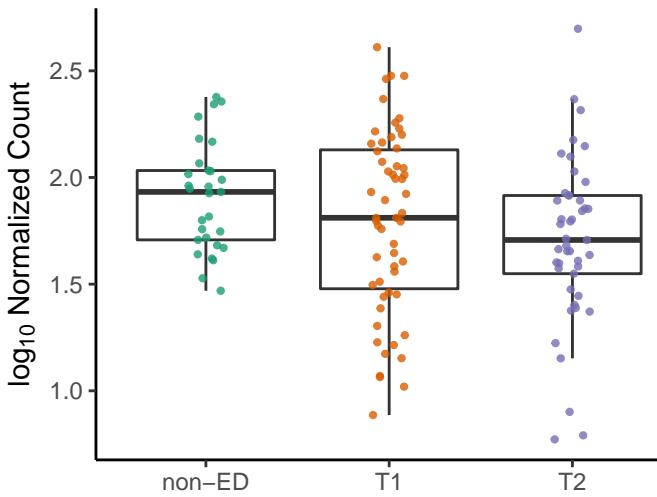
Intrasporangium

non-ED vs. T1 adjusted p = 0.018
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.9



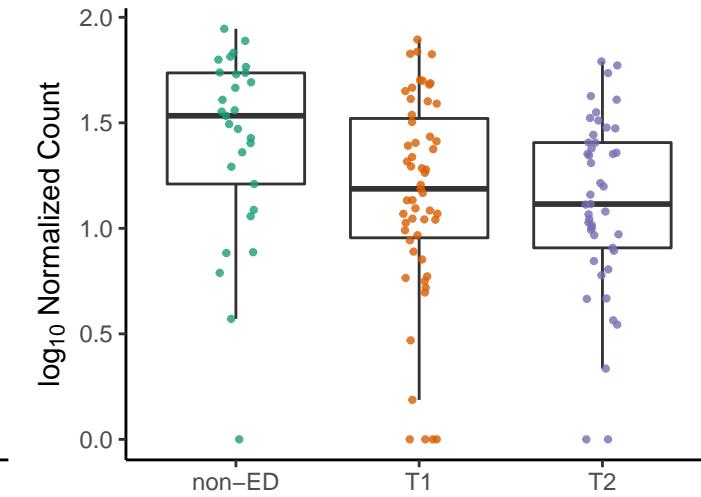
Arcticibacterium

non-ED vs. T1 adjusted p = 0.16
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.79



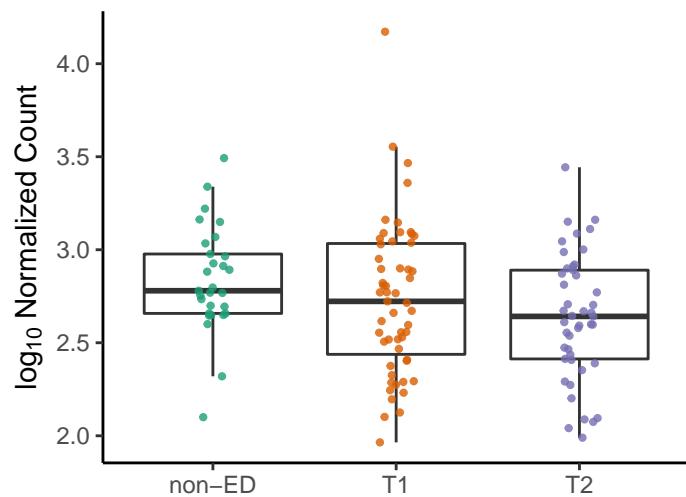
Enterovibrio

non-ED vs. T1 adjusted p = 0.036
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.82



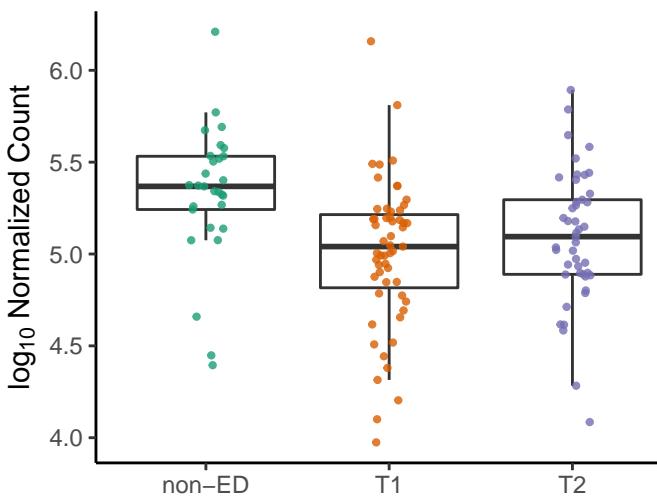
Kosakonia

non-ED vs. T1 adjusted p = 0.21
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.86



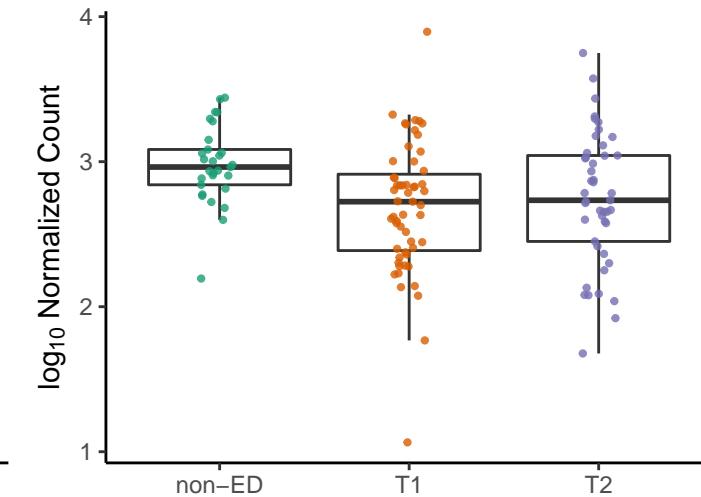
Roseburia

non-ED vs. T1 adjusted p = 0.0041
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.79



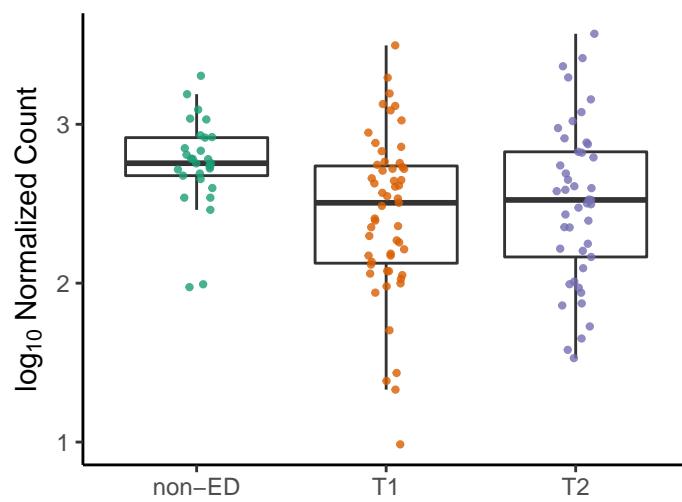
Unclassified Microbacteriaceae Family

non-ED vs. T1 adjusted p = 0.004
 non-ED vs. T2 adjusted p = 0.024
 T1 vs. T2 adjusted p = 0.79



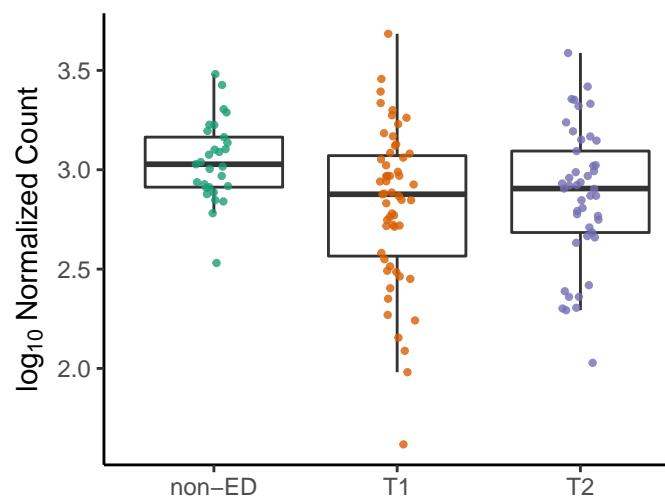
Jiangella

non-ED vs. T1 adjusted p = 0.0041
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



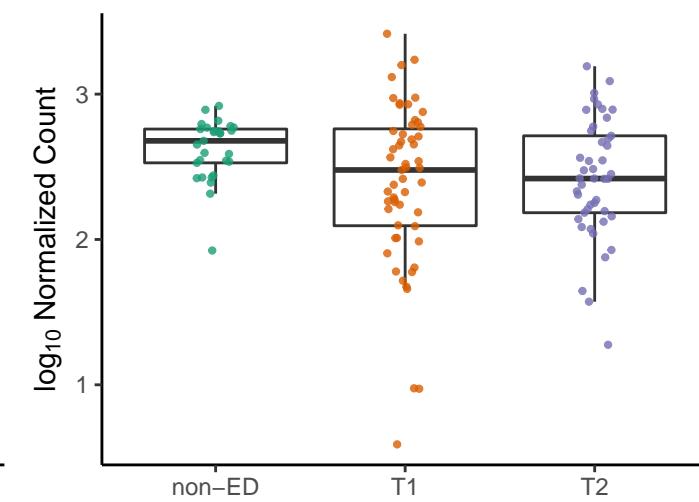
Sinorhizobium

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



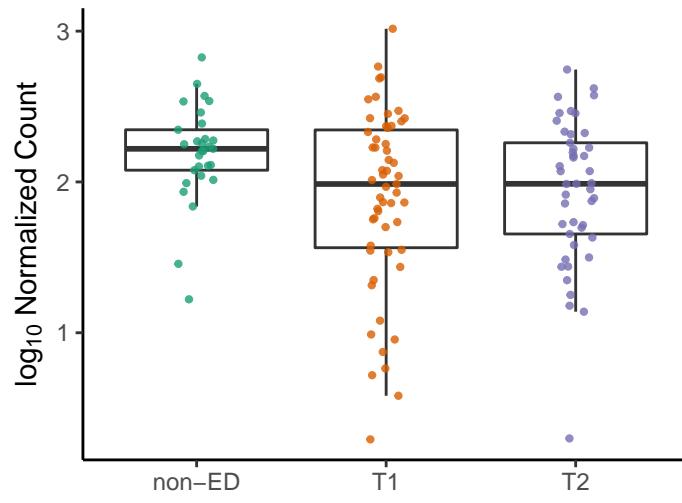
Delftia

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.83



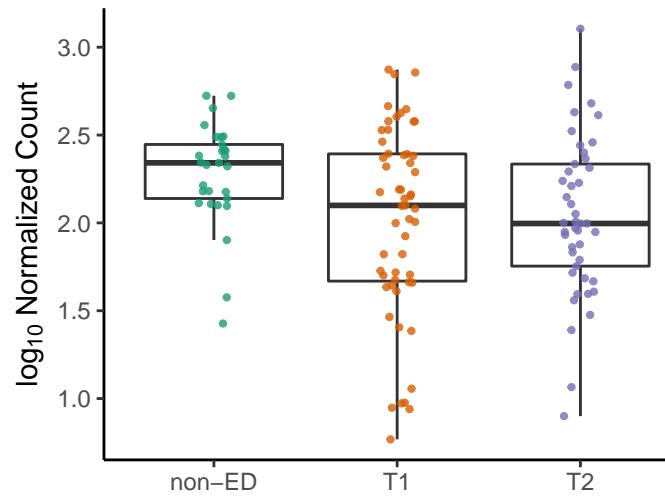
Immundisolibacter

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



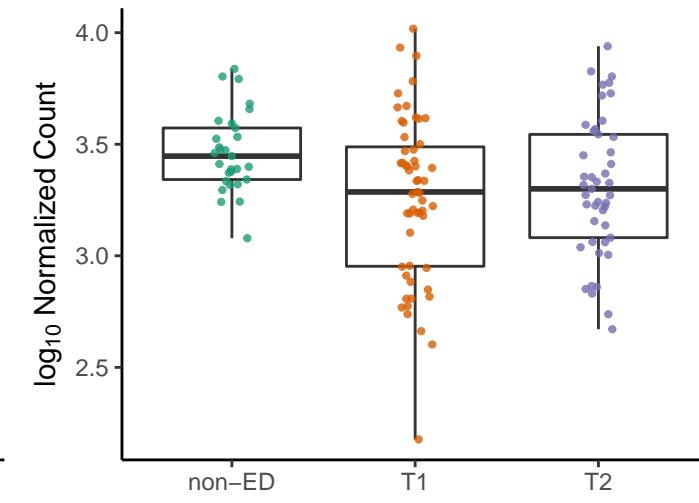
Sphaerotilus

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



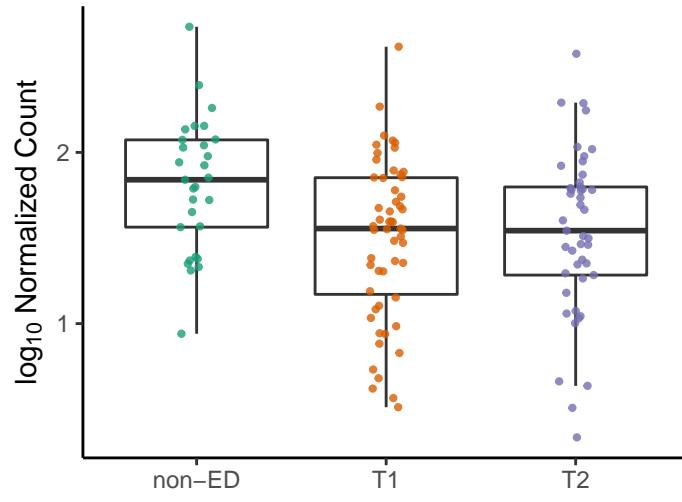
Mesorhizobium

non-ED vs. T1 adjusted p = 0.006
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



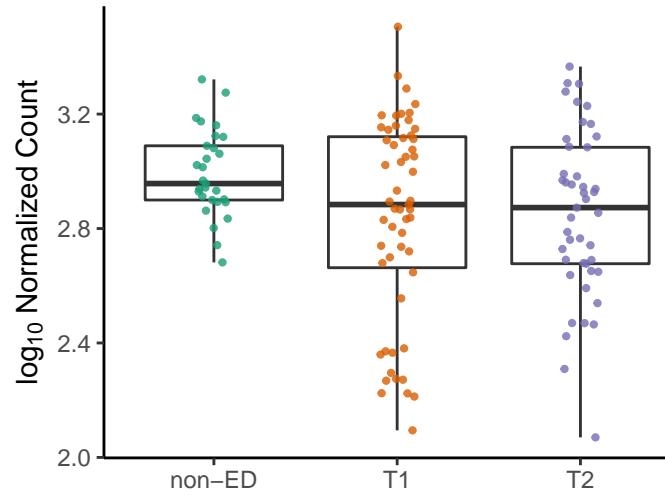
Methanomethylovorans

non-ED vs. T1 adjusted p = 0.0069
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.92



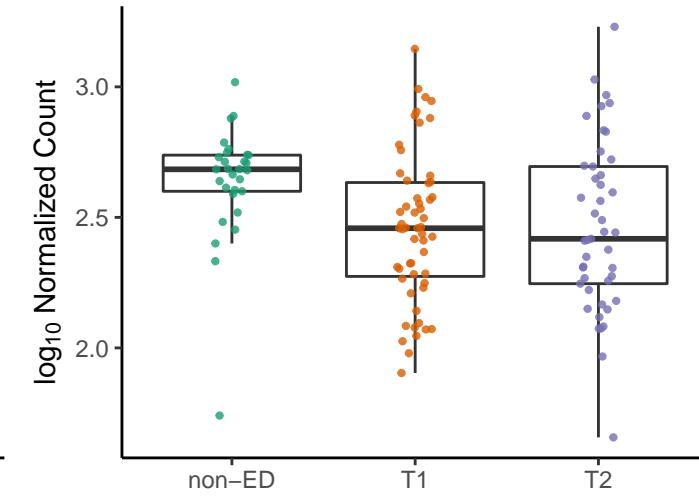
Pontibacter

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.92



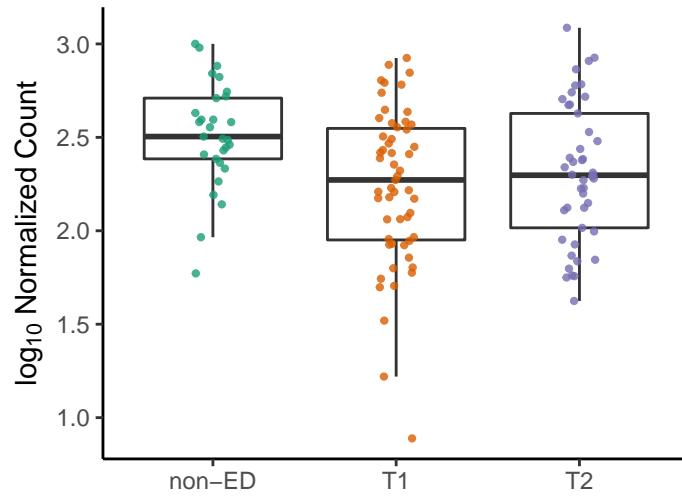
Sulfurospirillum

non-ED vs. T1 adjusted p = 0.0099
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.92



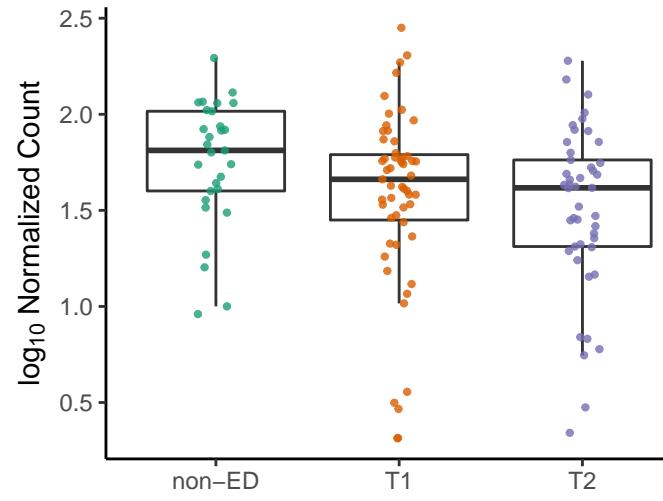
Candidatus Solibacter

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.79



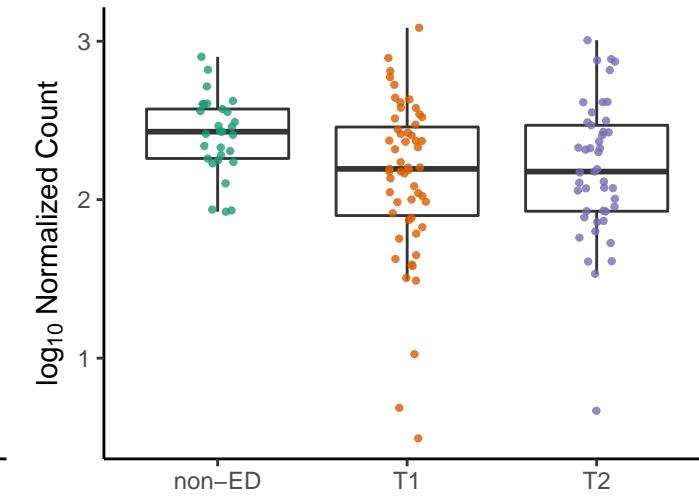
Sulfuricurvum

non-ED vs. T1 adjusted p = 0.074
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



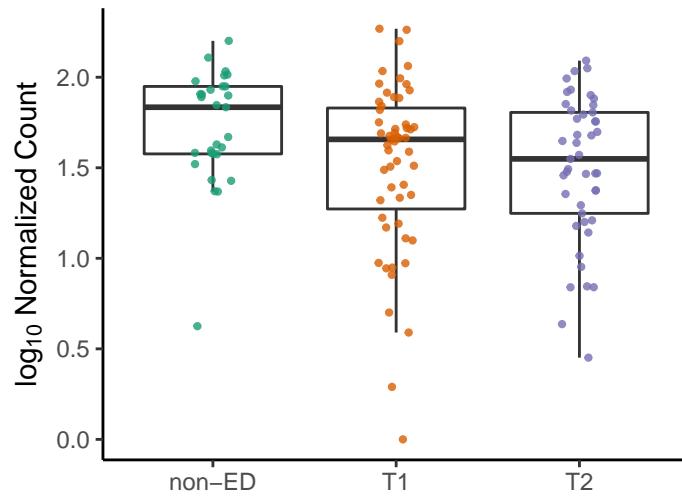
Salinibacter

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.81



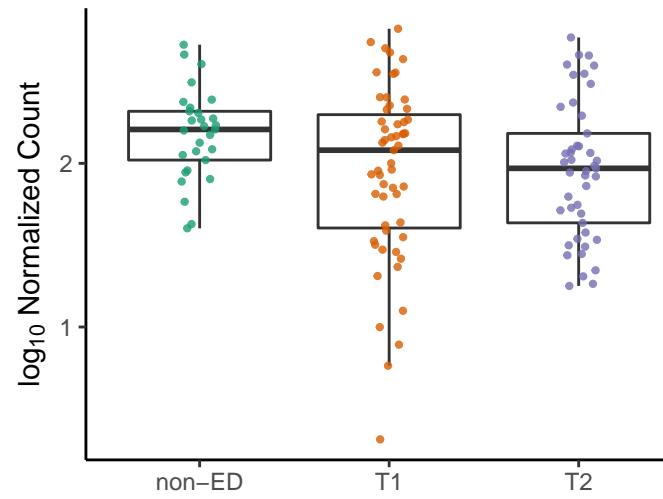
Candidatus Puniceispirillum

non-ED vs. T1 adjusted p = 0.034
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.88



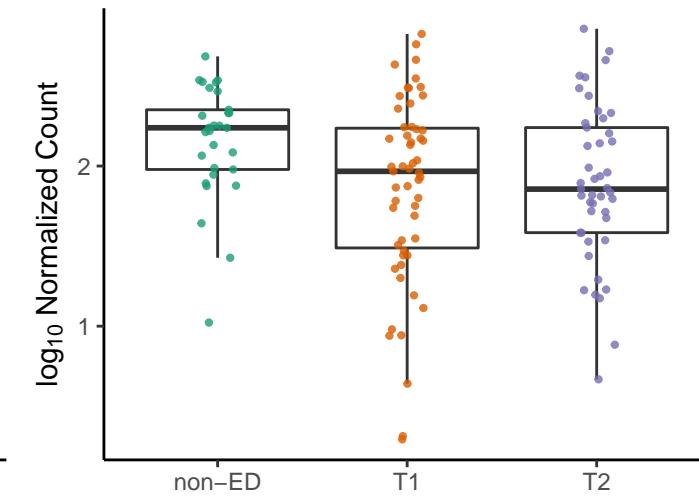
Castellaniella

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.92



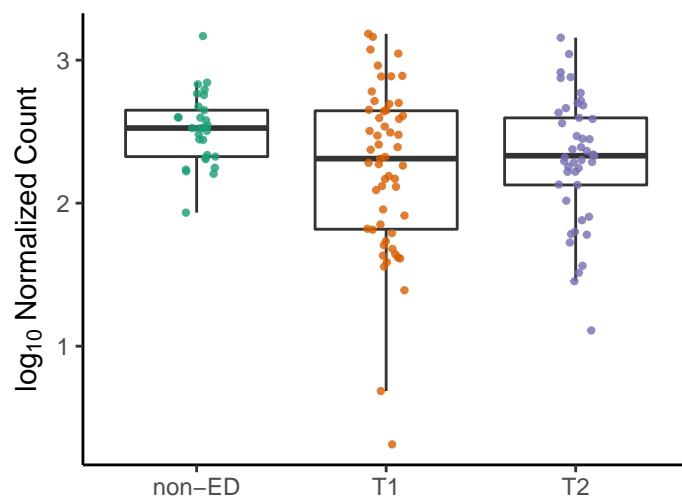
Breoghania

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.92



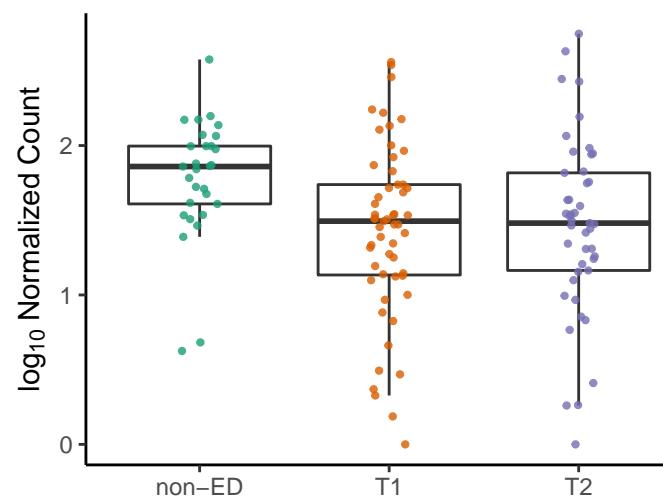
Unclassified Myxococcales Order

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



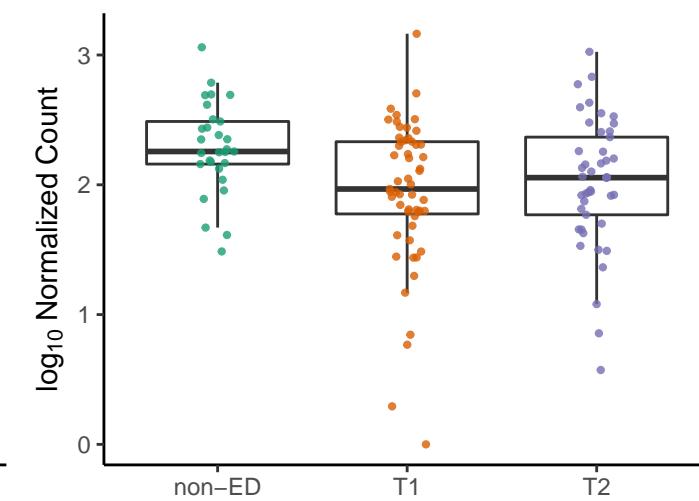
Halohasta

non-ED vs. T1 adjusted p = 0.0086
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



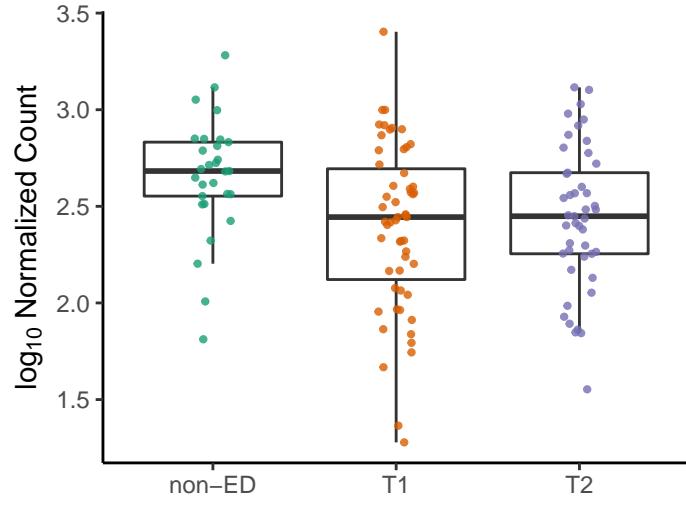
Haloactinobacterium

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



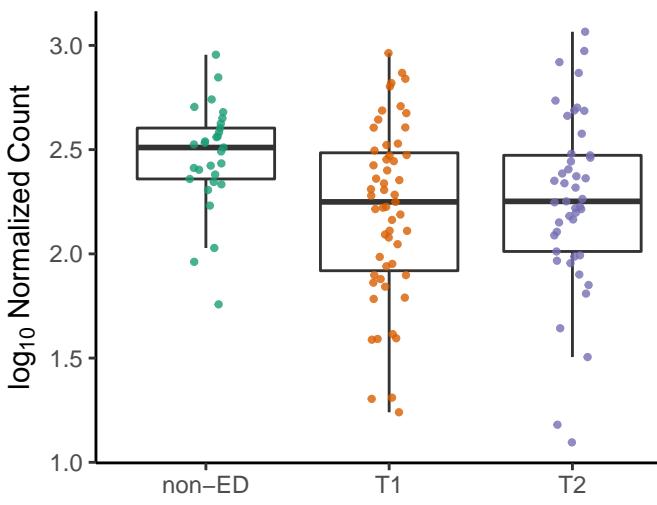
Unclassified Alcaligenaceae Family

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



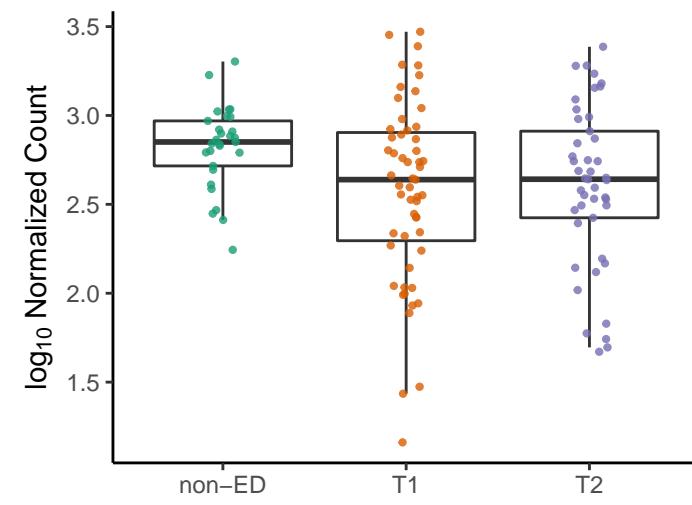
Gemmamimonas

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



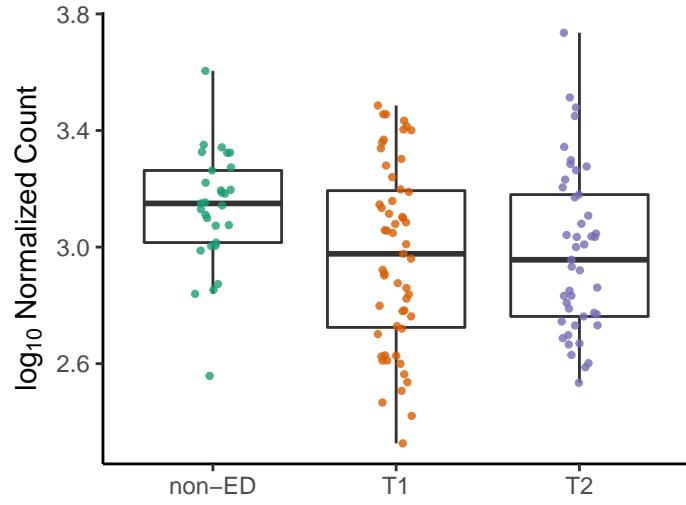
Kitasatospora

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



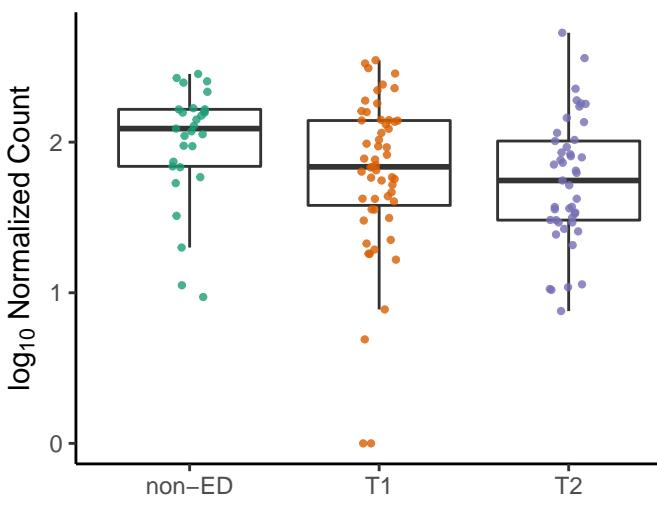
Pseudoalteromonas

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.97



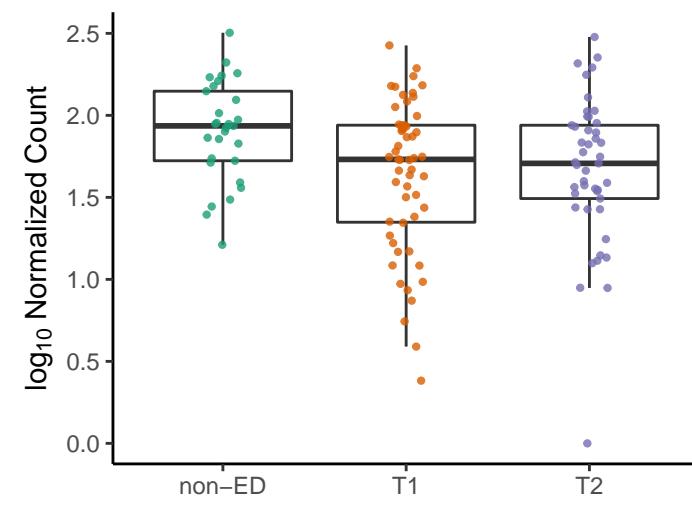
Bernardetia

non-ED vs. T1 adjusted p = 0.064
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



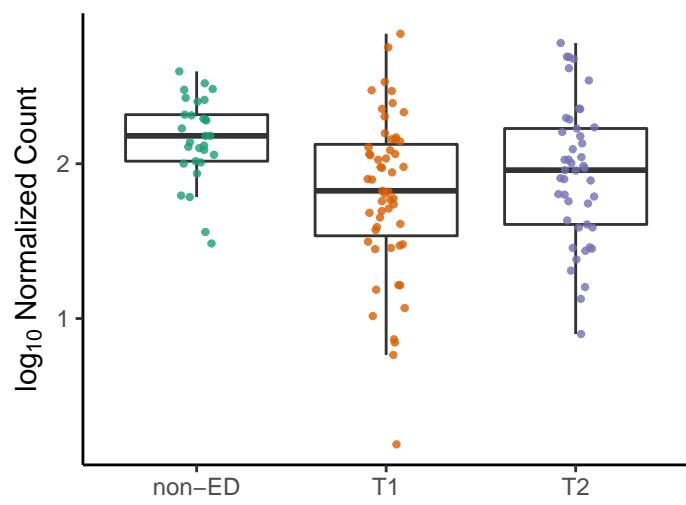
Unclassified Ectothiorhodospiraceae Family

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.81



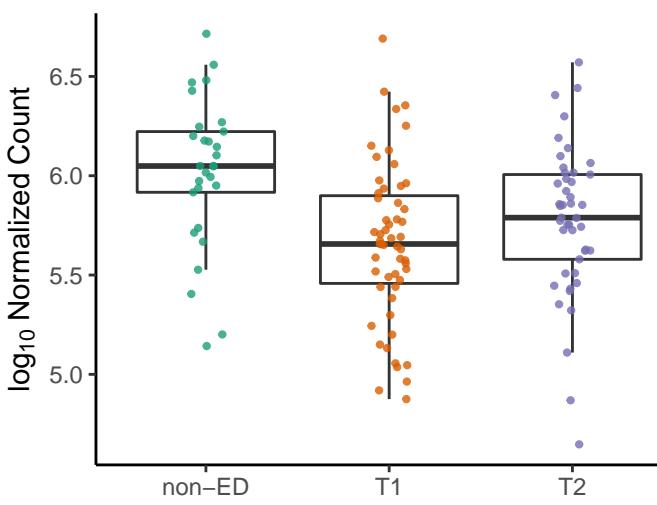
Antarctobacter

non-ED vs. T1 adjusted p = 0.0028
non-ED vs. T2 adjusted p = 0.026
T1 vs. T2 adjusted p = 0.79



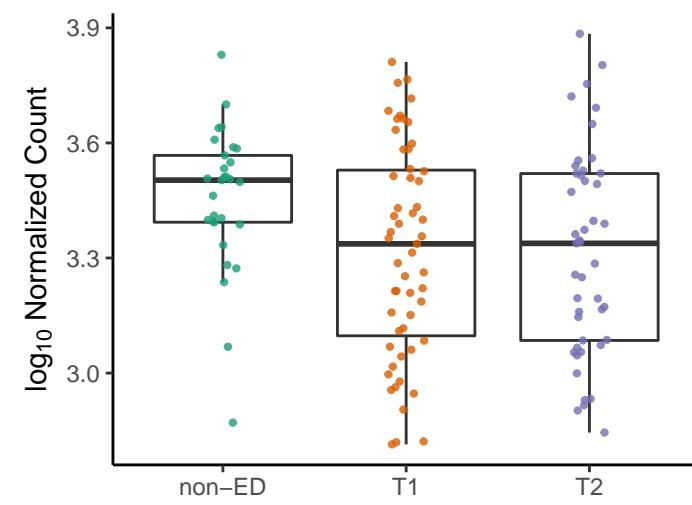
Unclassified Lachnospiraceae Family

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



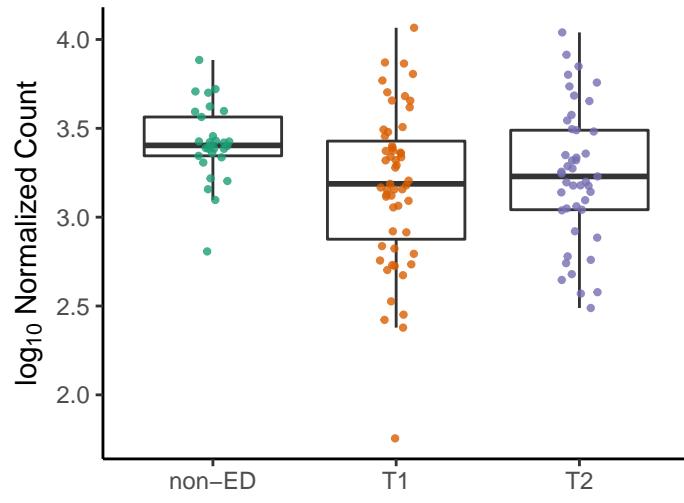
Acinetobacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 1



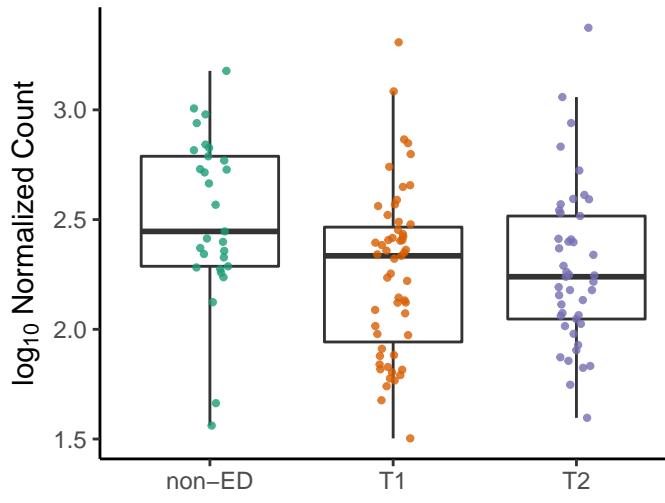
Azospirillum

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



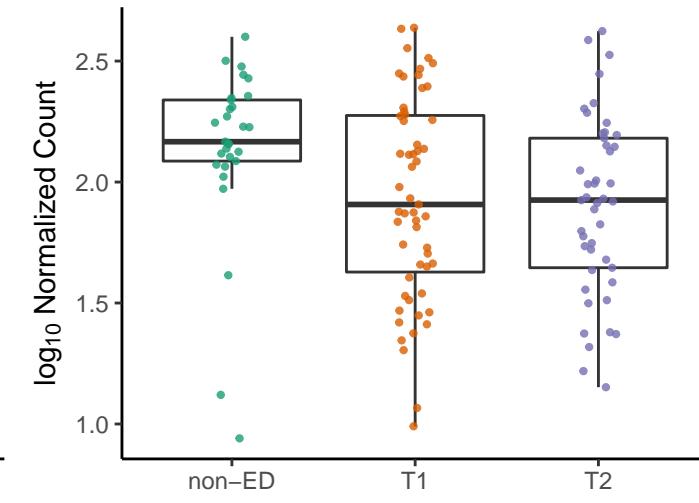
Heliorestis

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.85



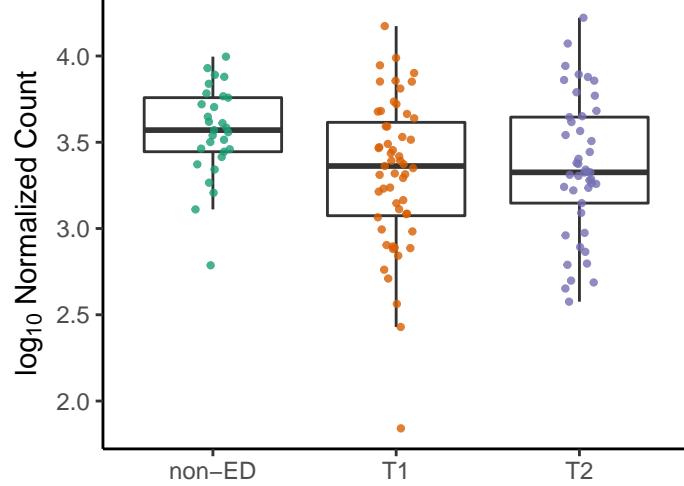
Ilyobacter

non-ED vs. T1 adjusted p = 0.043
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.85



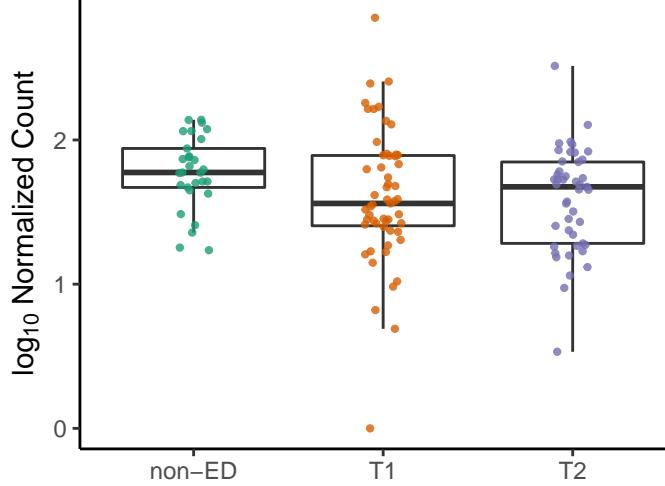
Microbacterium

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



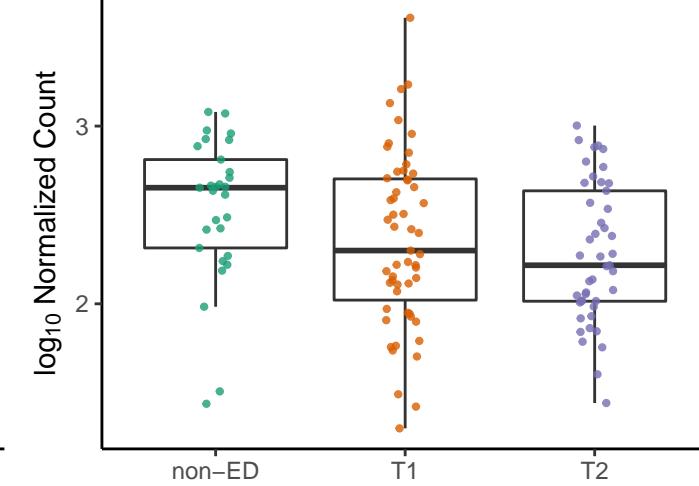
Orbus

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.97



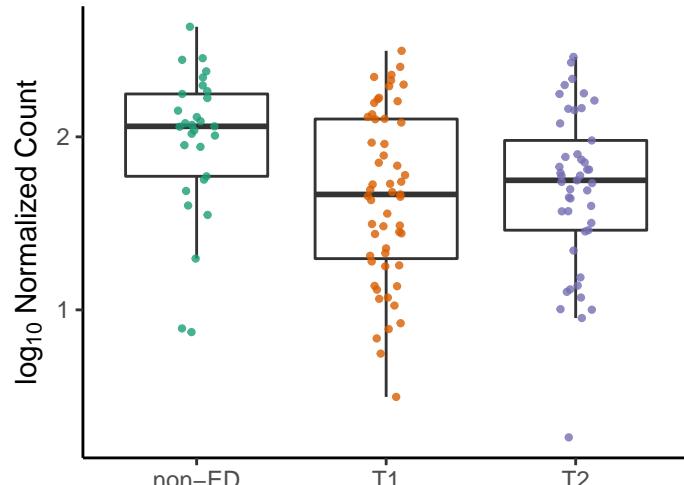
Paeniclostridium

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



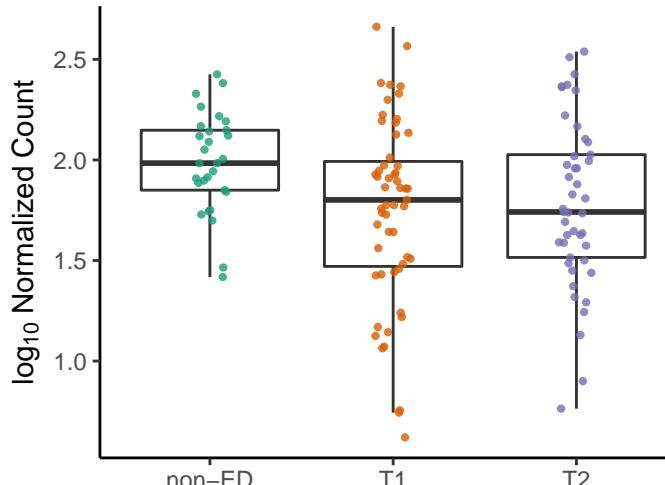
Sedimentitalea

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



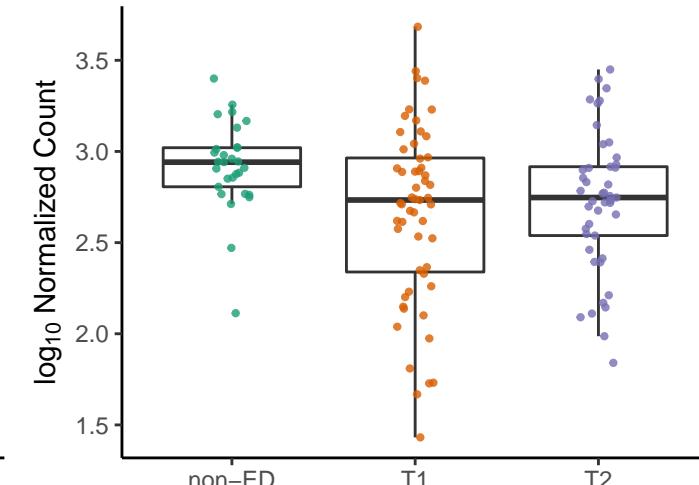
Terasakiella

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



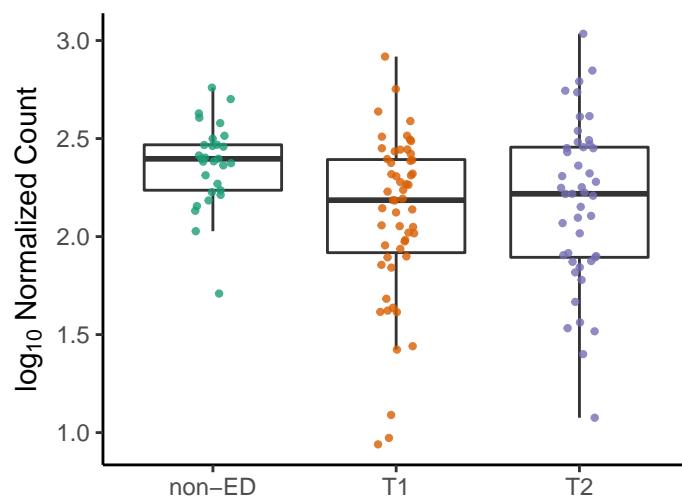
Unclassified Comamonadaceae Family

non-ED vs. T1 adjusted p = 0.0077
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



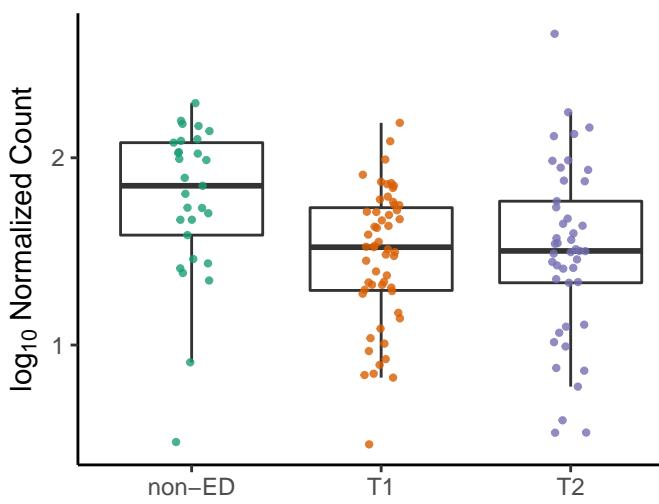
Desulfurivibrio

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



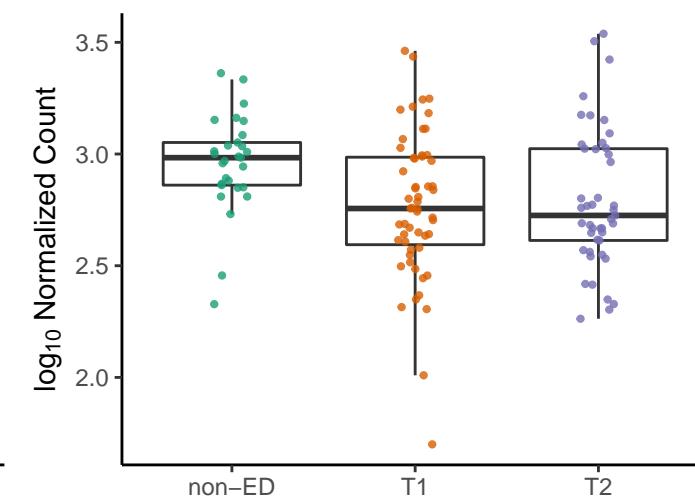
Dolichospermum

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.81



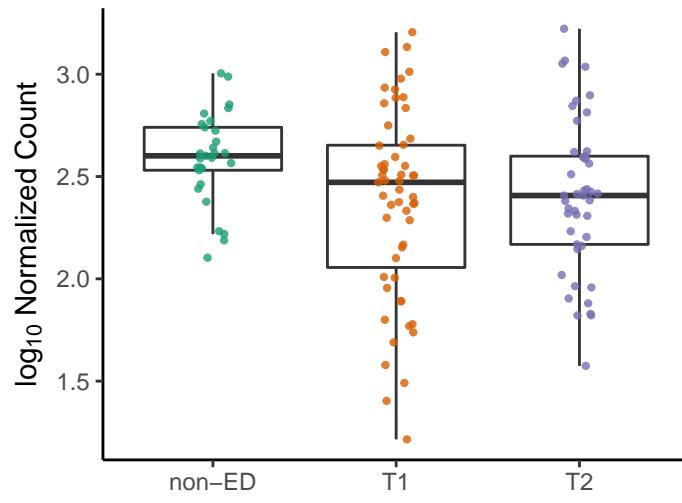
Erwinia

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



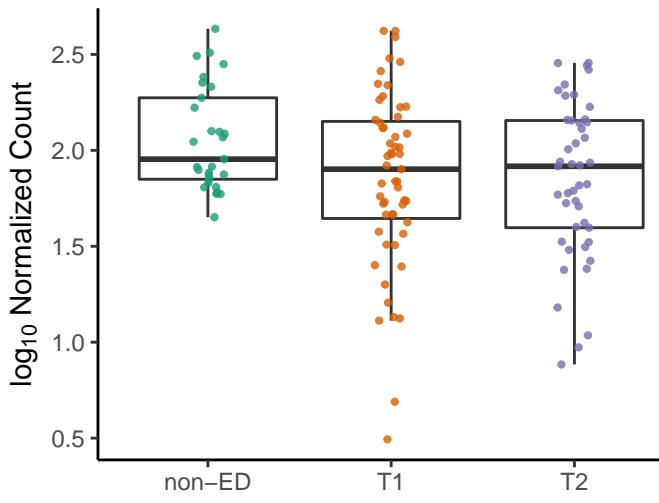
Gloeobacter

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.8



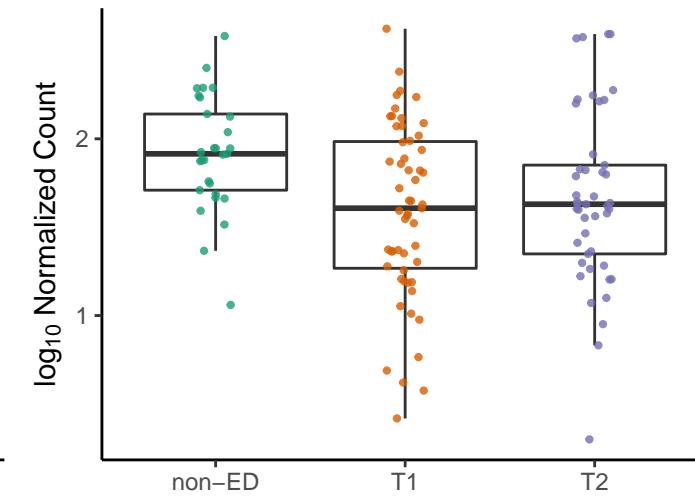
Methylococcus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.85



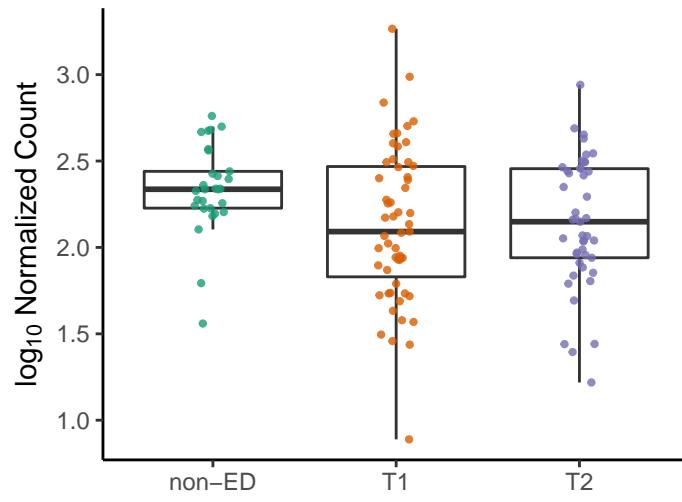
Natronomonas

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



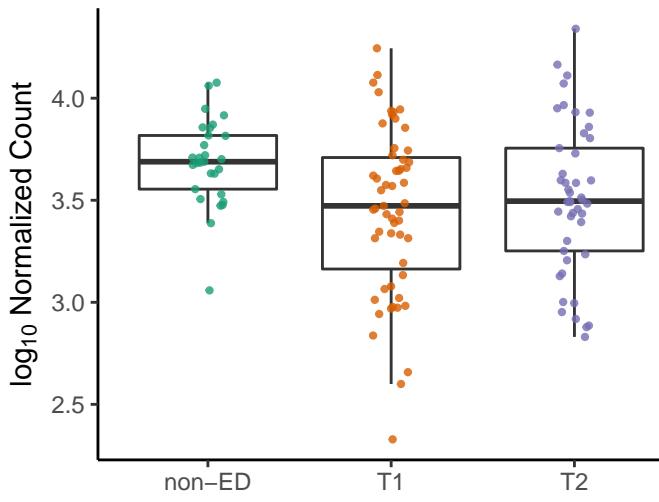
Yangia

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.82



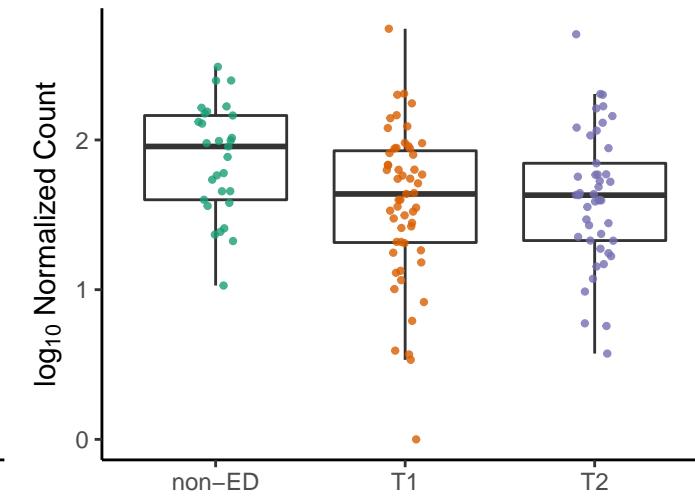
Mycolicibacterium

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



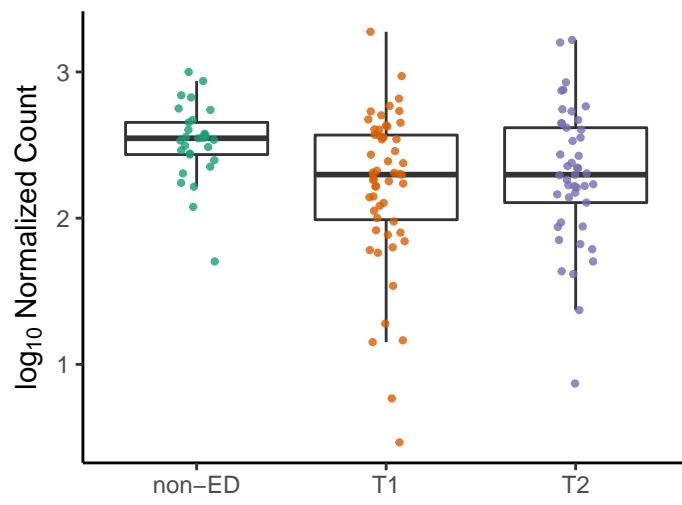
Diaminobutyricimonas

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



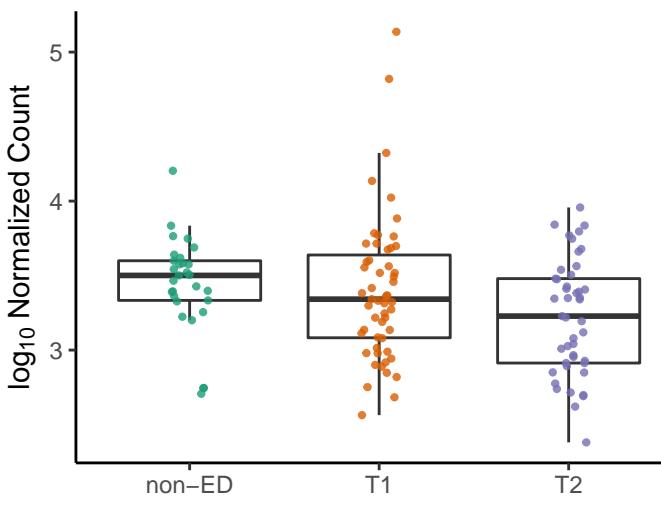
Blastochloris

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



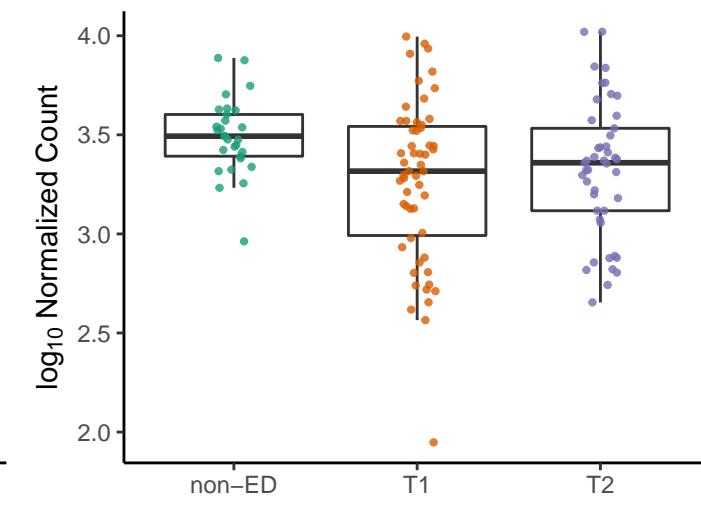
Fusobacterium

non-ED vs. T1 adjusted p = 0.63
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



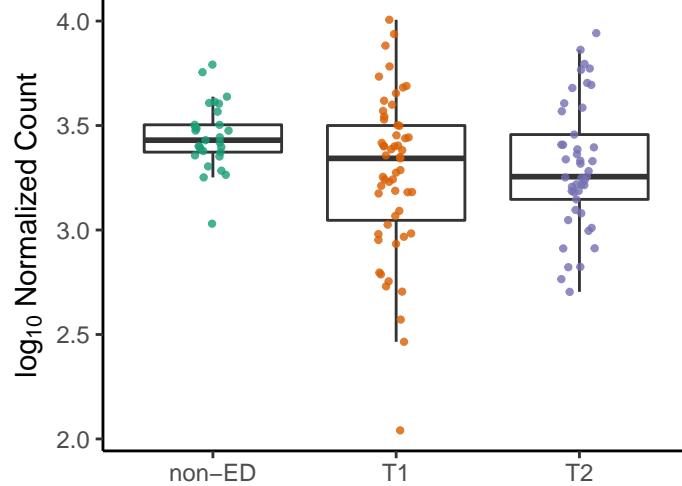
Geobacter

non-ED vs. T1 adjusted p = 0.0061
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



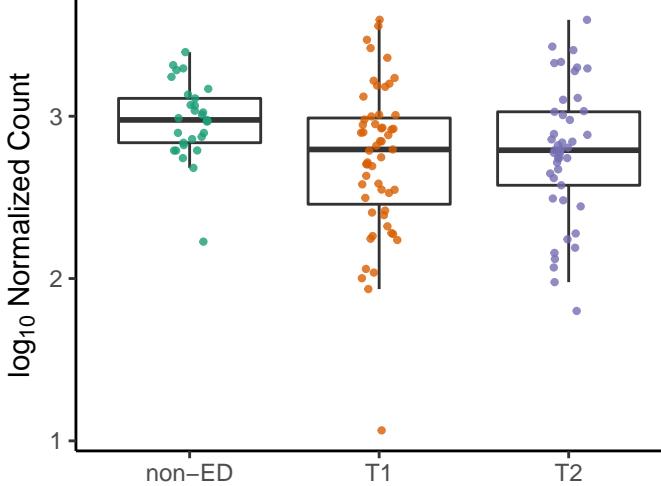
Halomonas

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



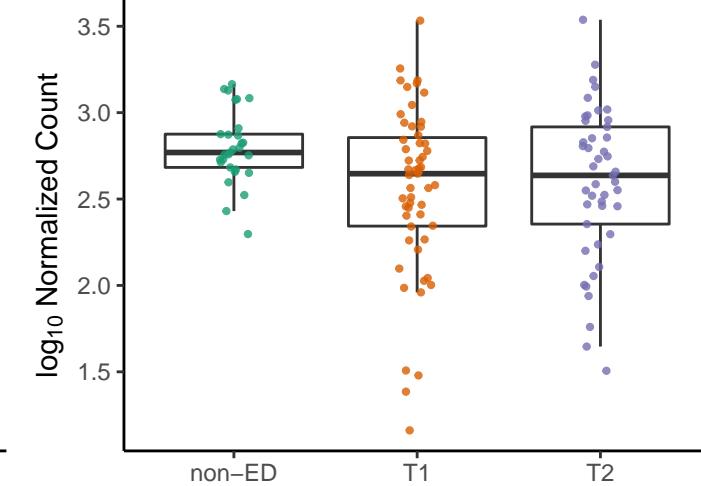
Rhodobacter

non-ED vs. T1 adjusted p = 0.0083
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



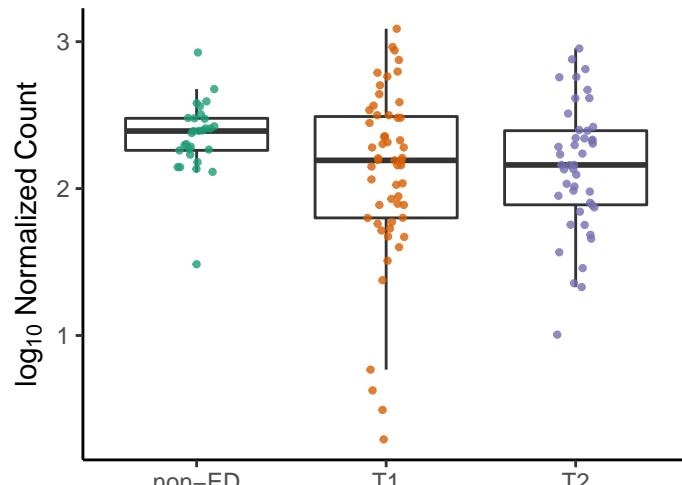
Streptosporangium

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



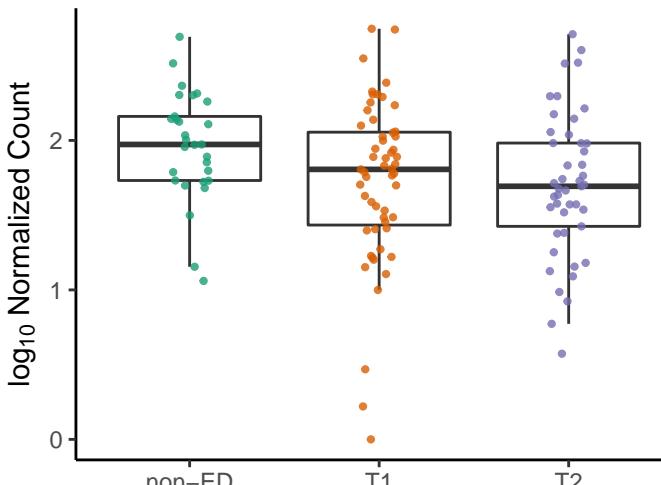
Stackebrandtia

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



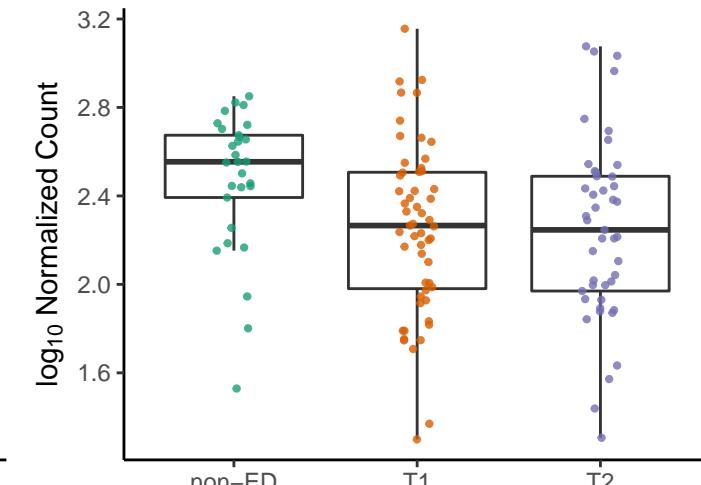
Starkeya

non-ED vs. T1 adjusted p = 0.037
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.97



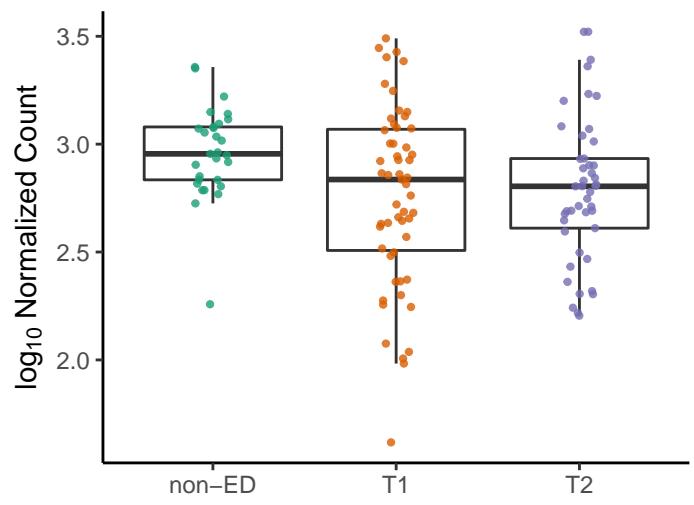
Halocella

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.98



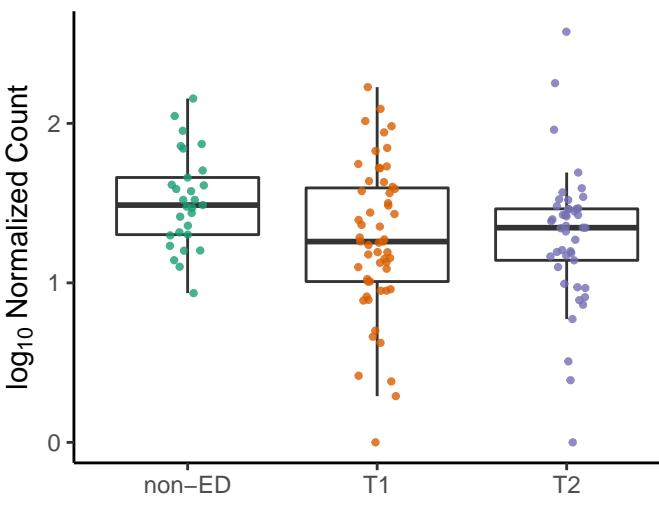
Sphingopyxis

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.81



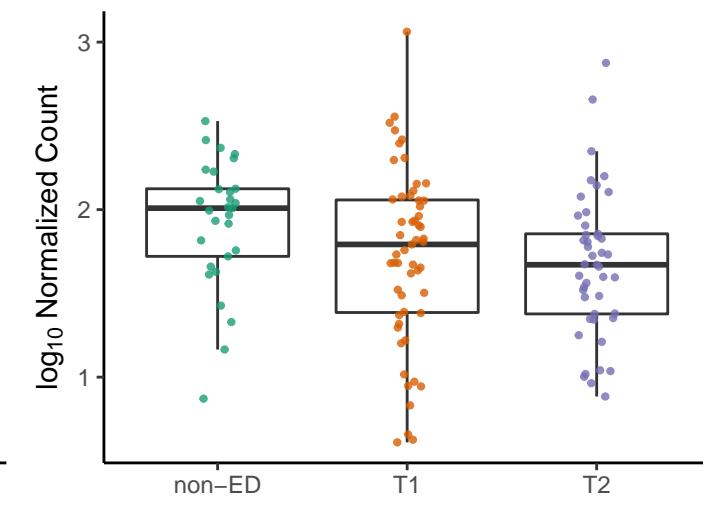
Candidatus Aquiluna

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.86



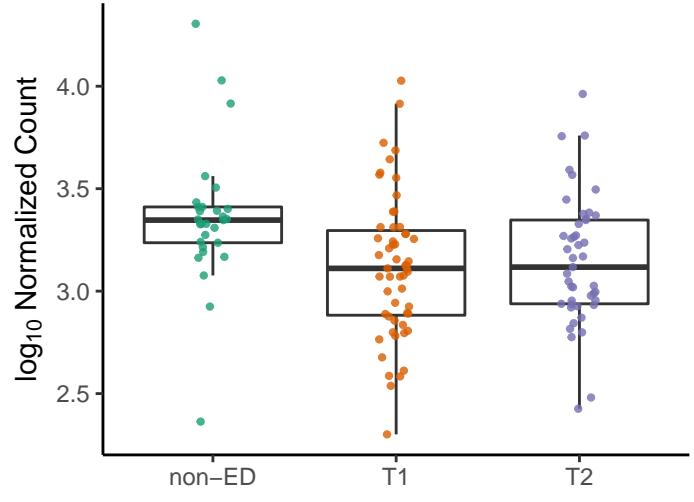
Thermodesulfobium

non-ED vs. T1 adjusted p = 0.078
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.79



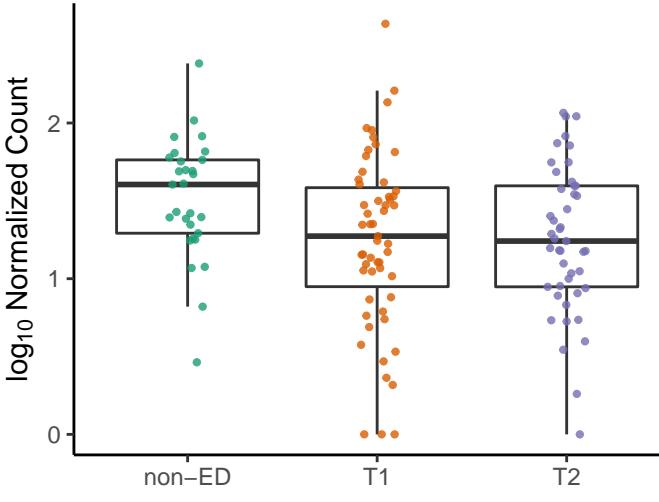
Intestinibaculum

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.82



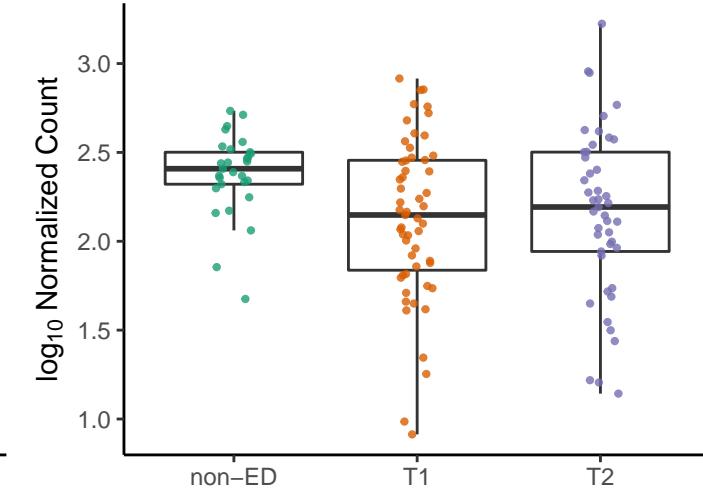
Unclassified Thermaceae Family

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.027
T1 vs. T2 adjusted p = 0.92



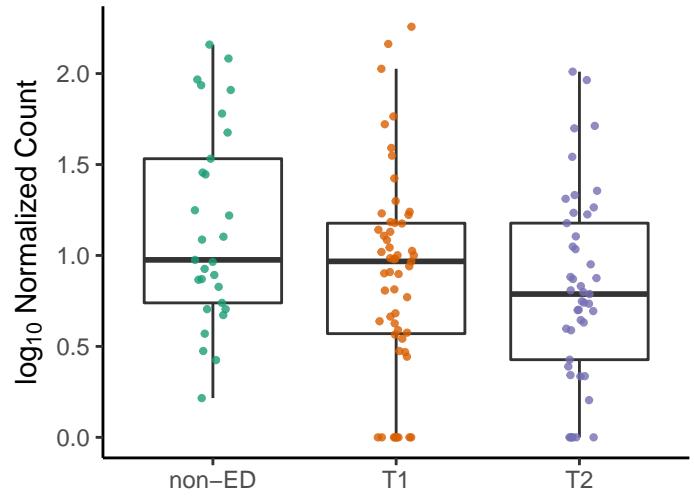
Pseudolabrys

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.8



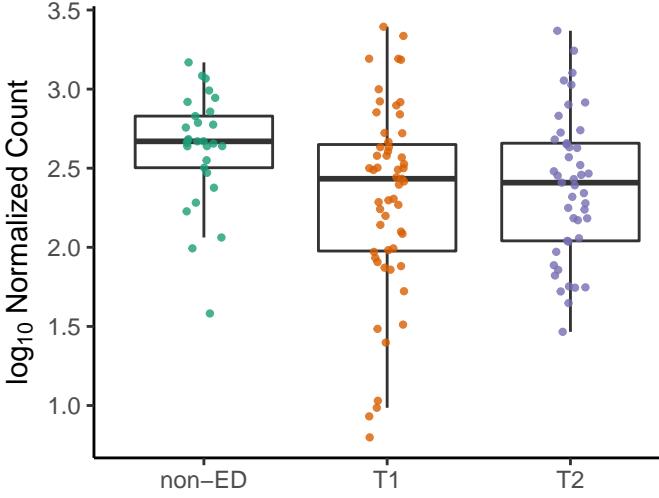
Unclassified Entomoplasmatales Order

non-ED vs. T1 adjusted p = 0.061
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



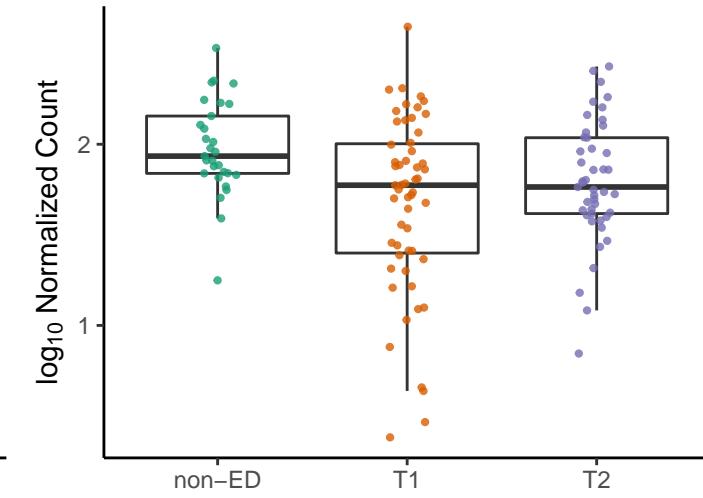
Actinosynnema

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



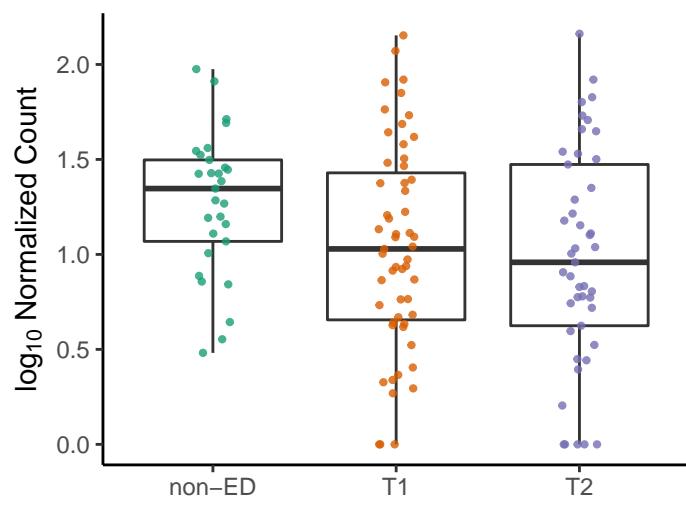
Archaeoglobus

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



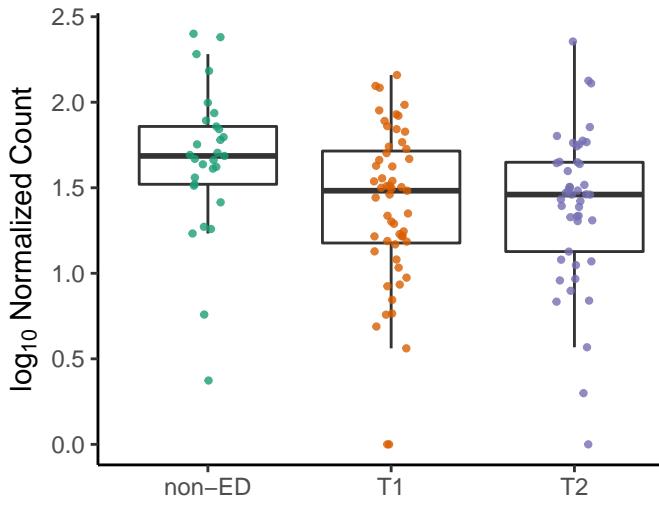
Candidatus Tachikawaea

non-ED vs. T1 adjusted p = 0.041
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



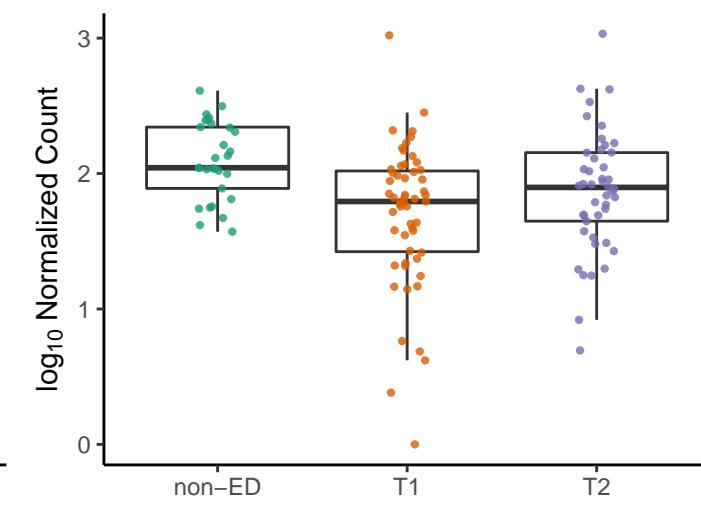
Neptunomonas

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.96



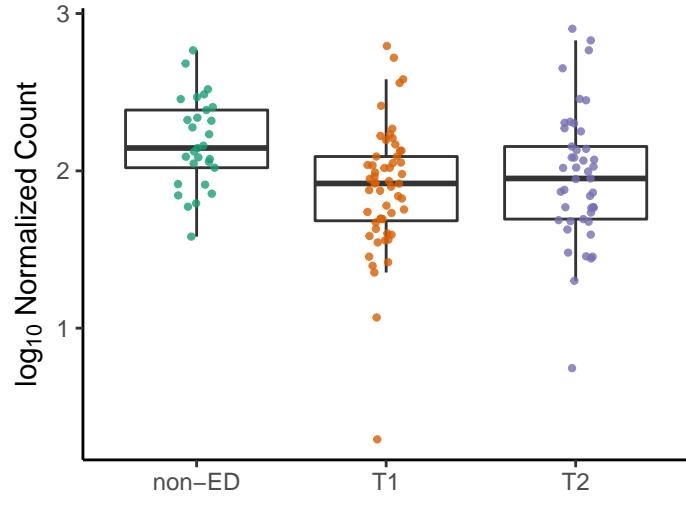
Rhizorhabdus

non-ED vs. T1 adjusted p = 0.0021
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



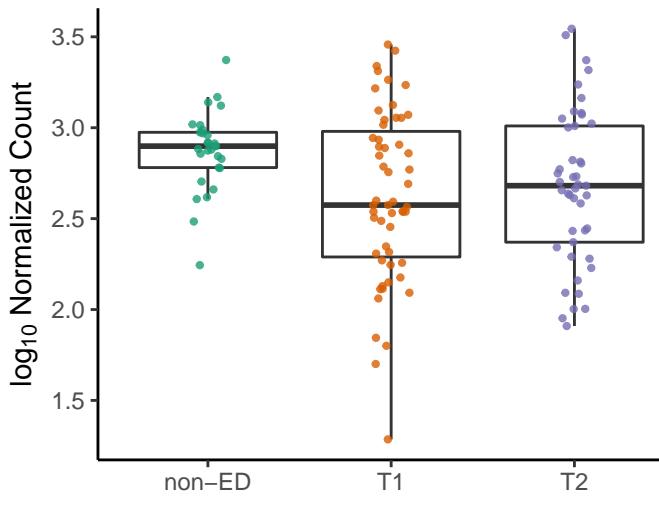
Sedimenticola

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



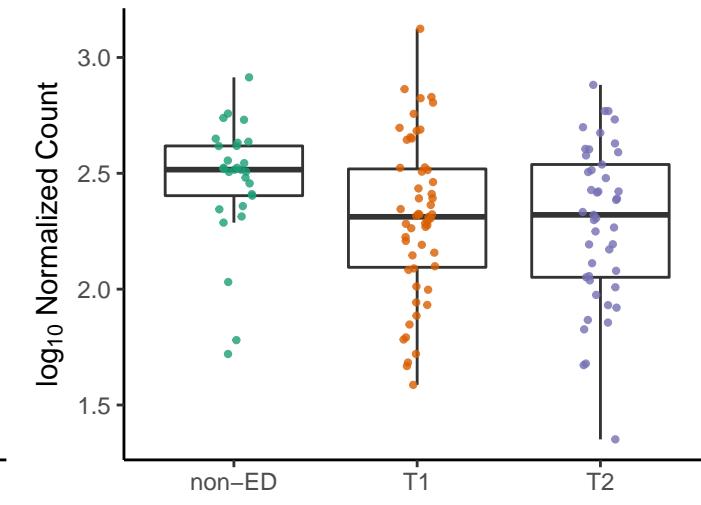
Thioalkalivibrio

non-ED vs. T1 adjusted p = 0.0064
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



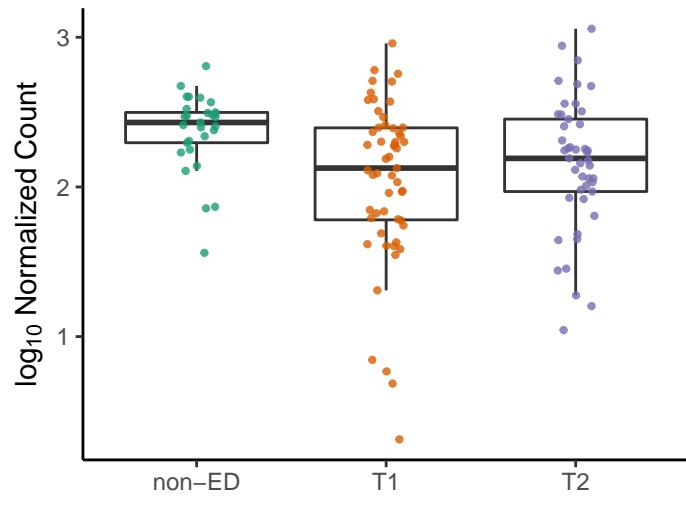
Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.9



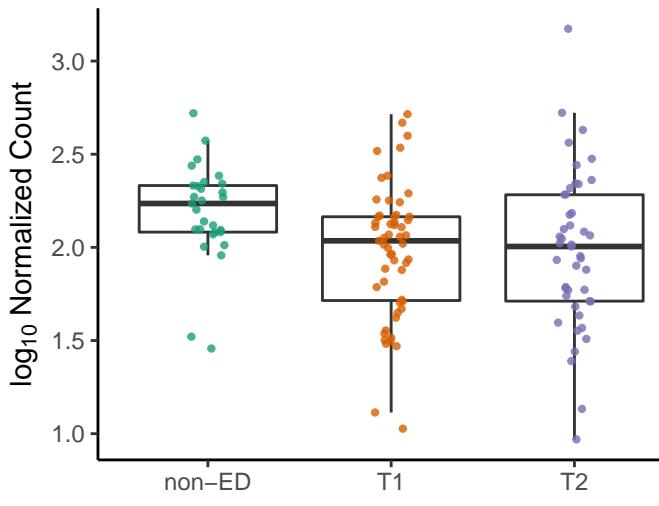
Unclassified Sterolibacteriaceae Family

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



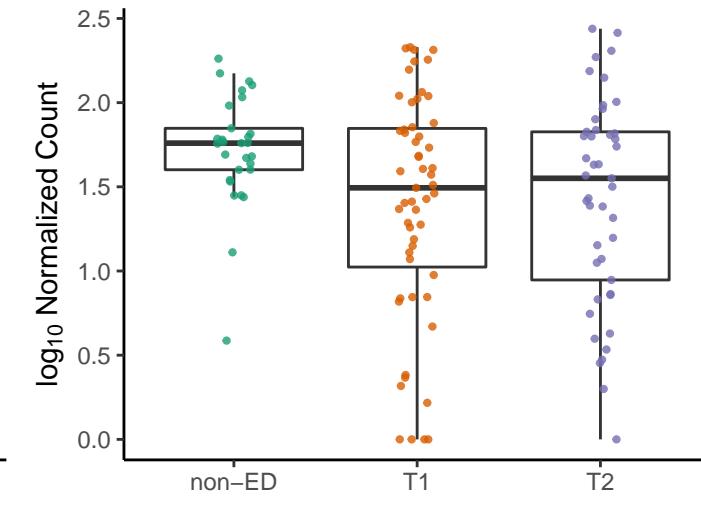
Zymoseptoria

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.89



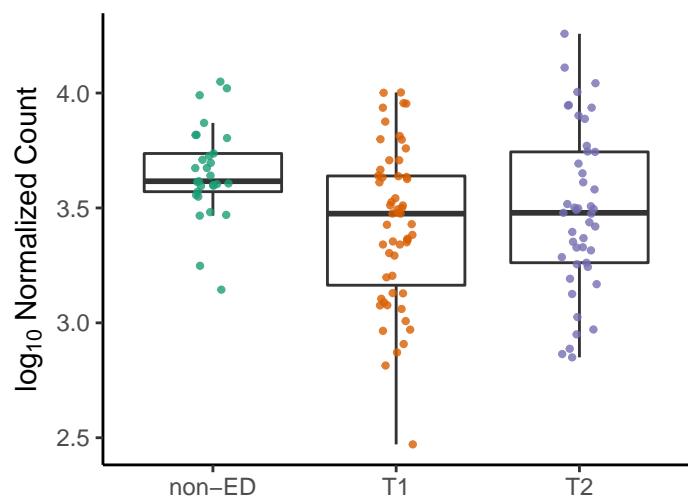
Qipengyuania

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.89



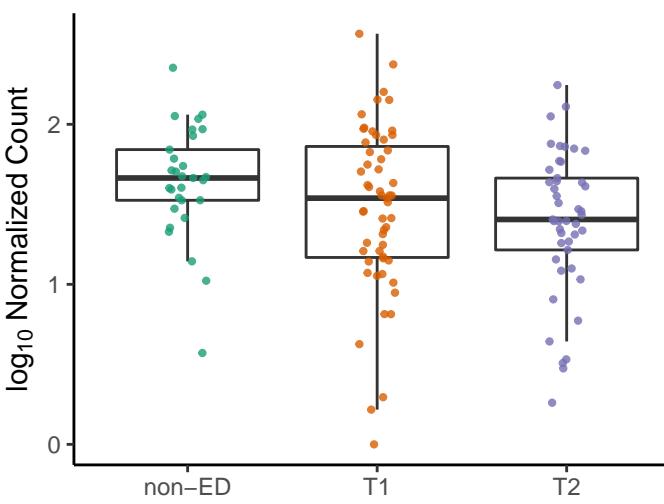
Selenomonas

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



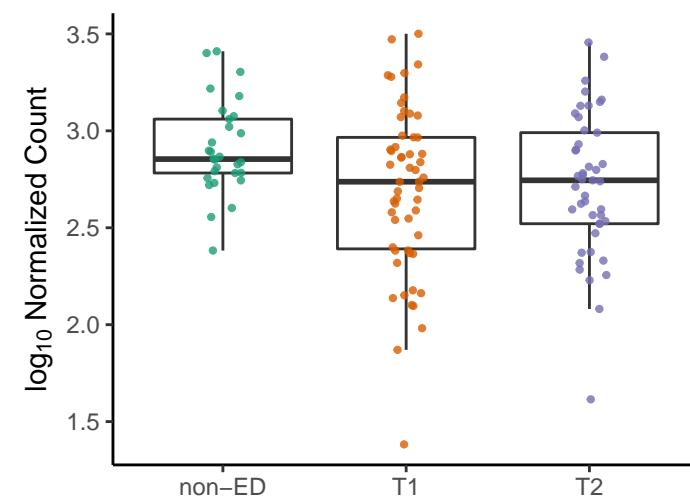
Unclassified Zoogloaceae Family

non-ED vs. T1 adjusted p = 0.12
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.85



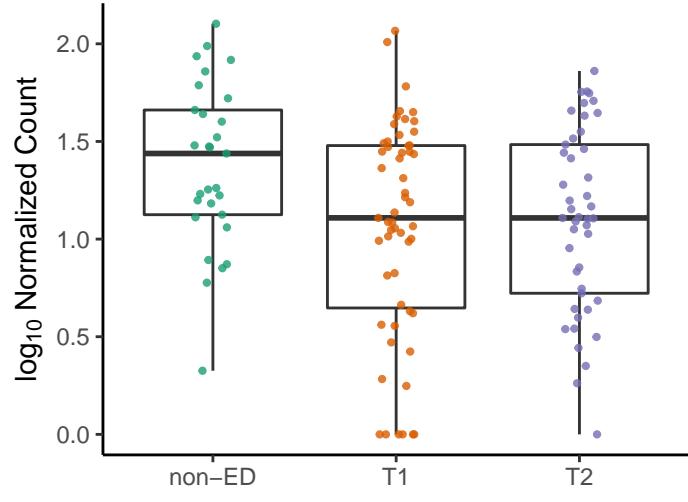
Erythrobacter

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.8



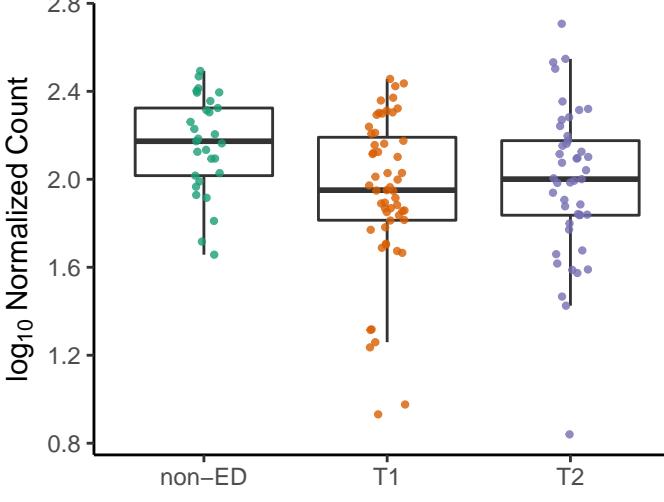
Halanaeroarchaeum

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.91



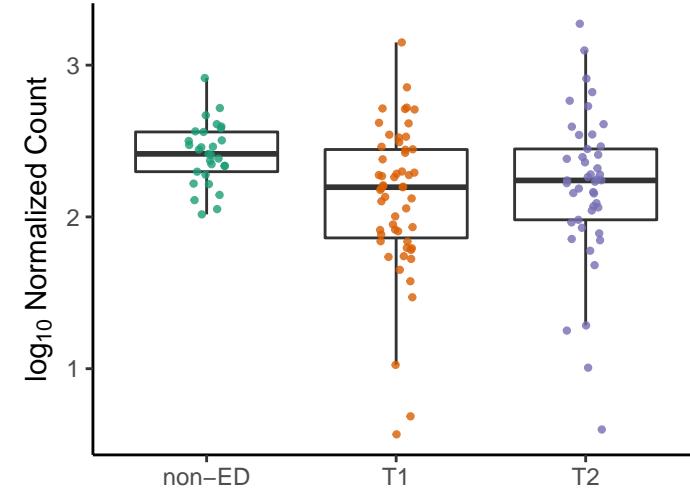
Eremothecium

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.8



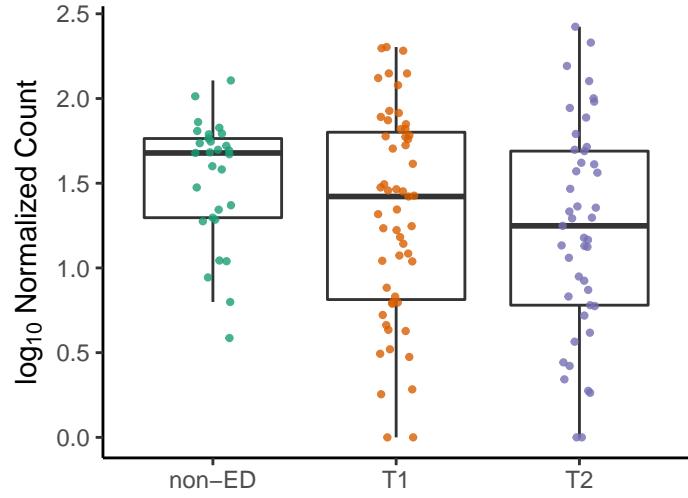
Roseivivax

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



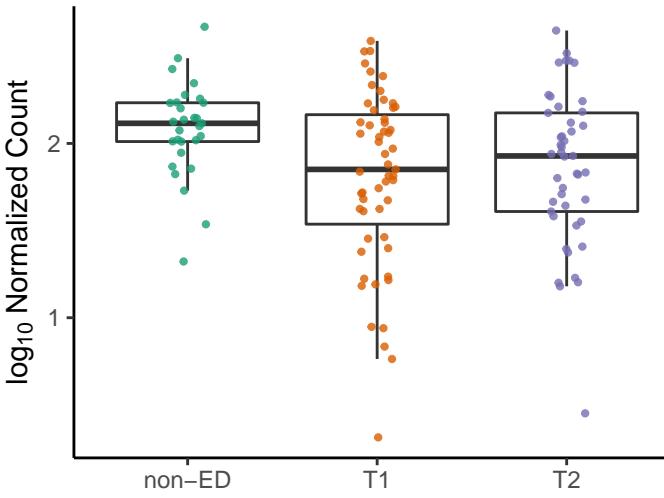
Unclassified Nocardiaceae Family

non-ED vs. T1 adjusted p = 0.081
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.83



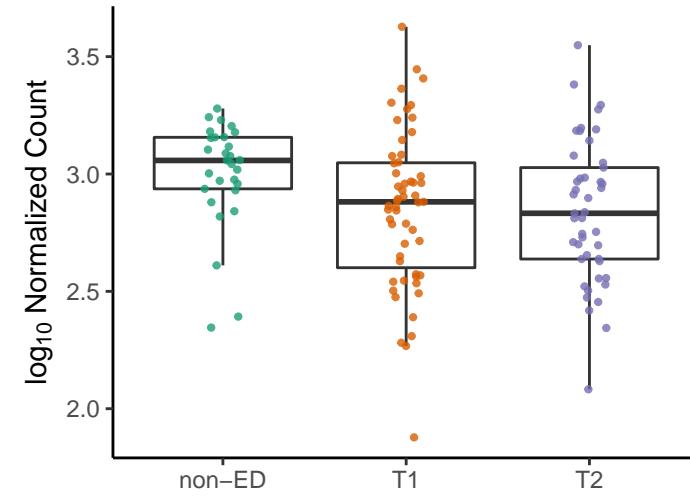
Unclassified Rhodocyclales Order

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



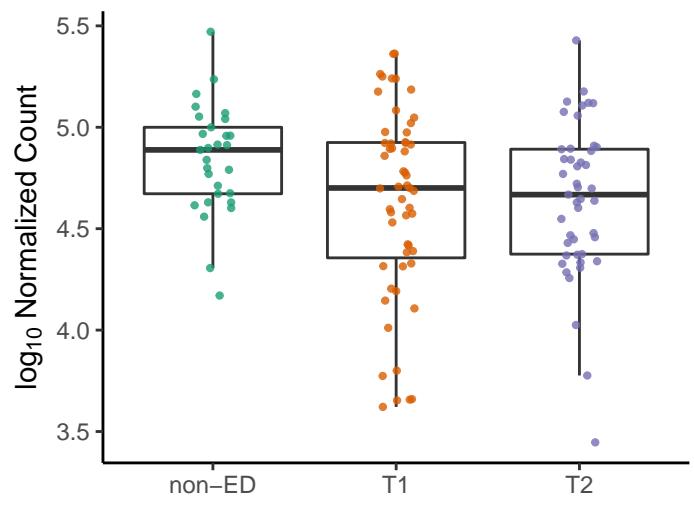
Legionella

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.88



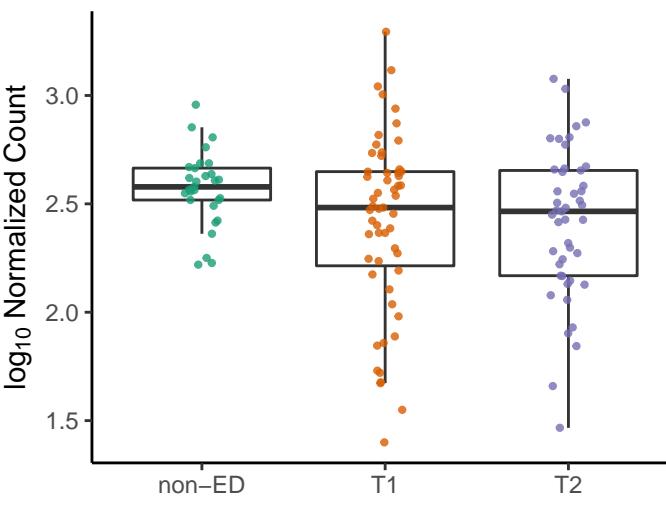
Dysosmobacter

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.79



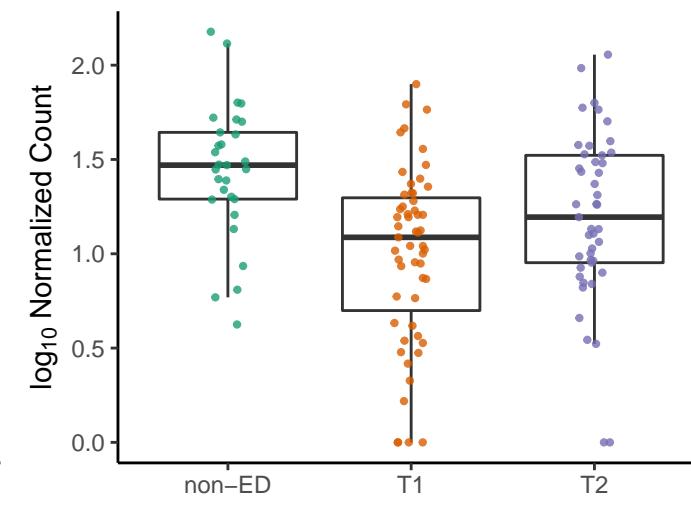
Desulfococcus

non-ED vs. T1 adjusted p = 0.033
non-ED vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.86



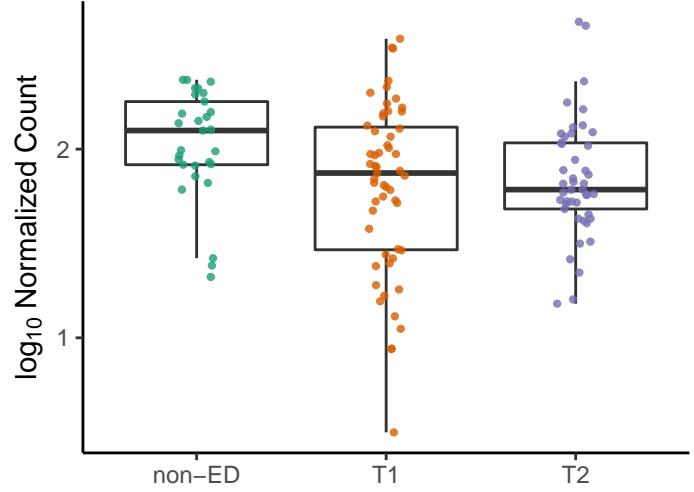
Unclassified Carnobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0011
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.77



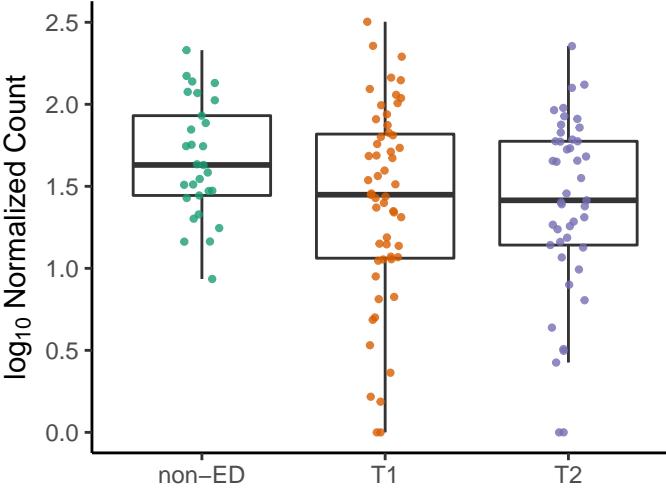
Caballeronia

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.92



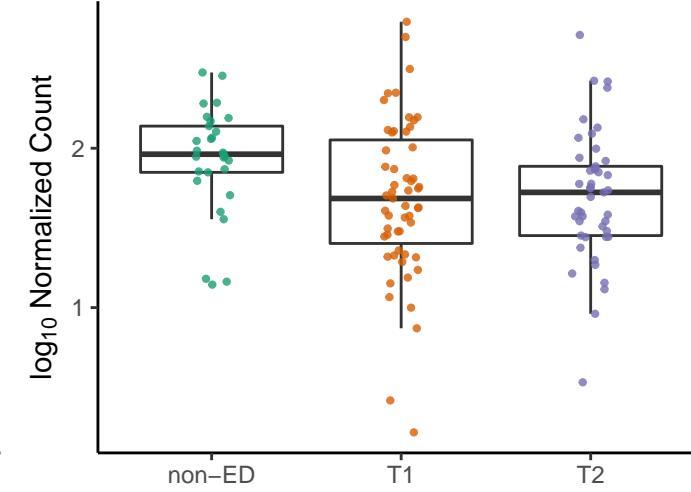
Unclassified Acidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.99



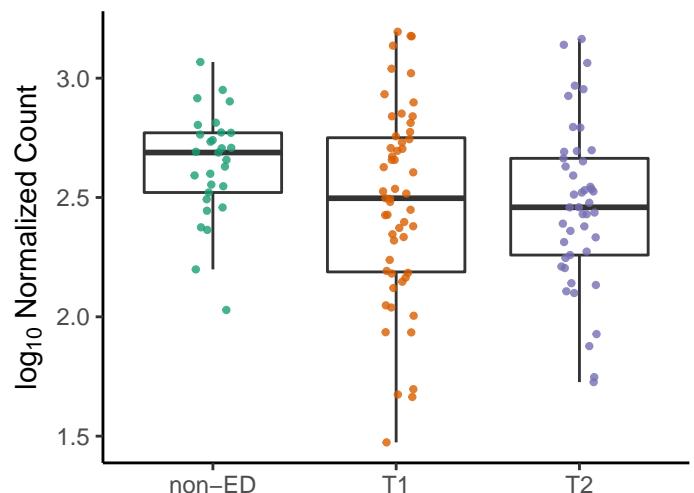
Unclassified Silvanigrellales Order

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 1



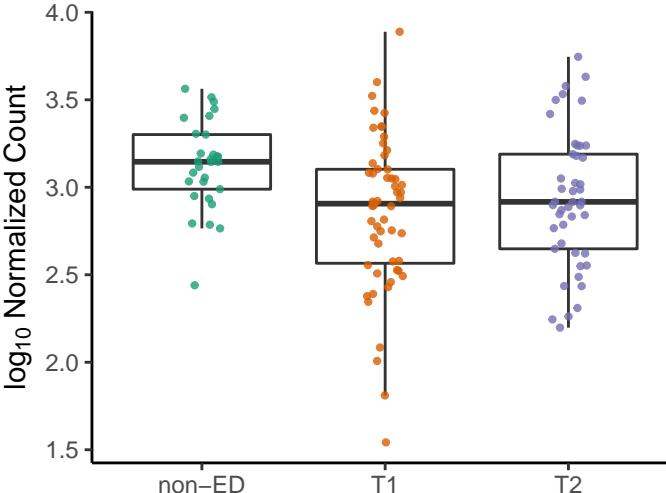
Granulicella

non-ED vs. T1 adjusted p = 0.044
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.97



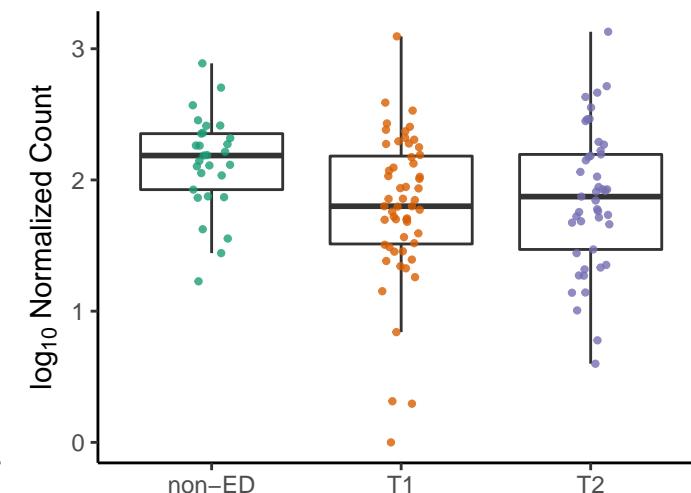
Gordonia

non-ED vs. T1 adjusted p = 0.0048
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.79



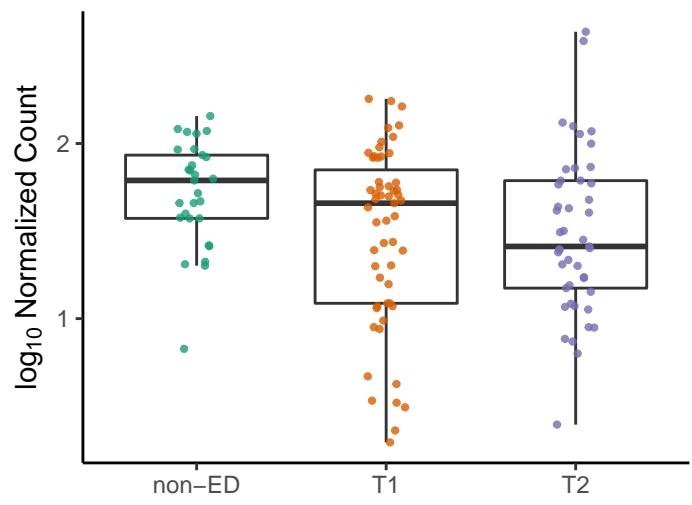
Luteipulveratus

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.79



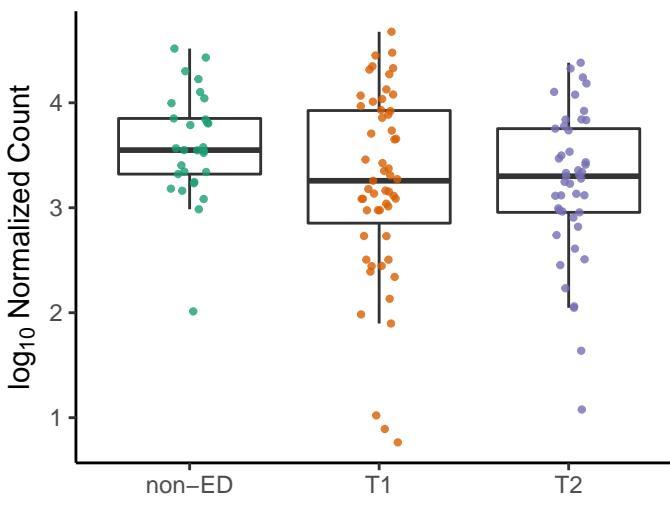
Methylobacillus

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 1



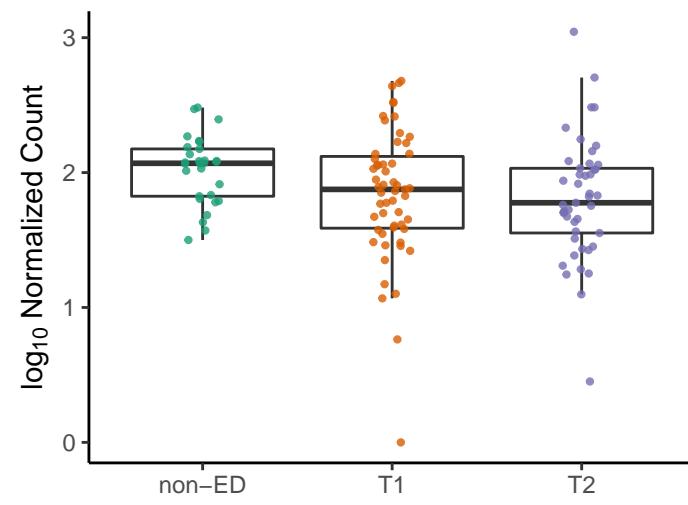
Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted p = 0.035
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.85



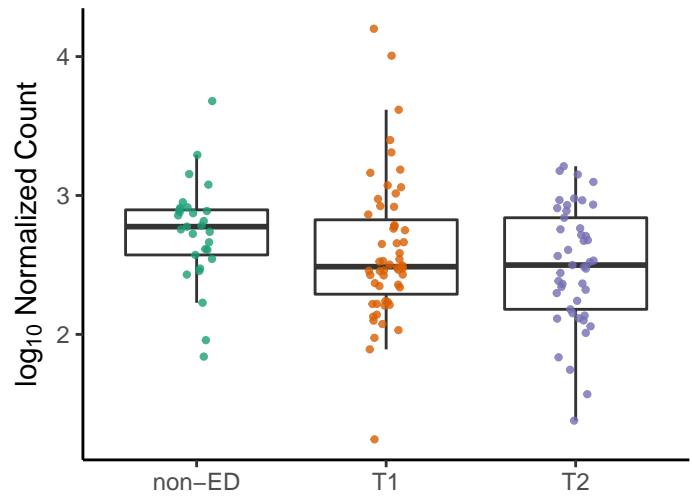
Unclassified Desulfuromonadales Order

non-ED vs. T1 adjusted p = 0.046
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 1



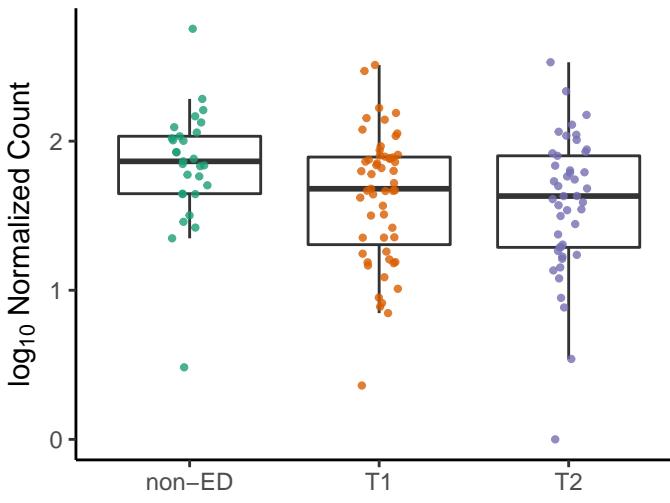
Parvimonas

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.79



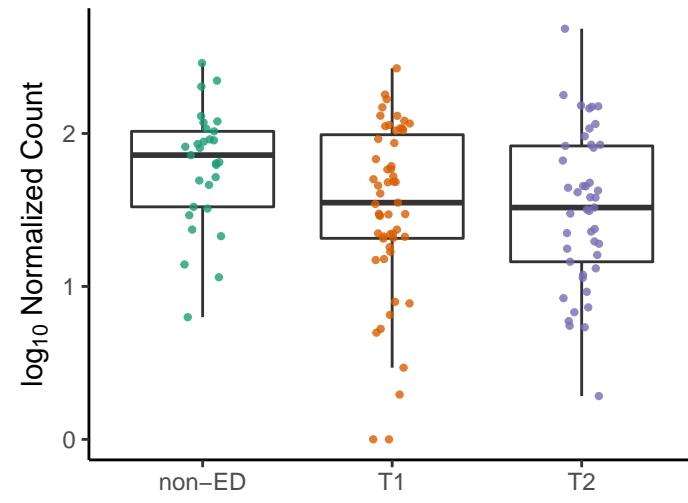
Debaryomyces

non-ED vs. T1 adjusted p = 0.048
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.83



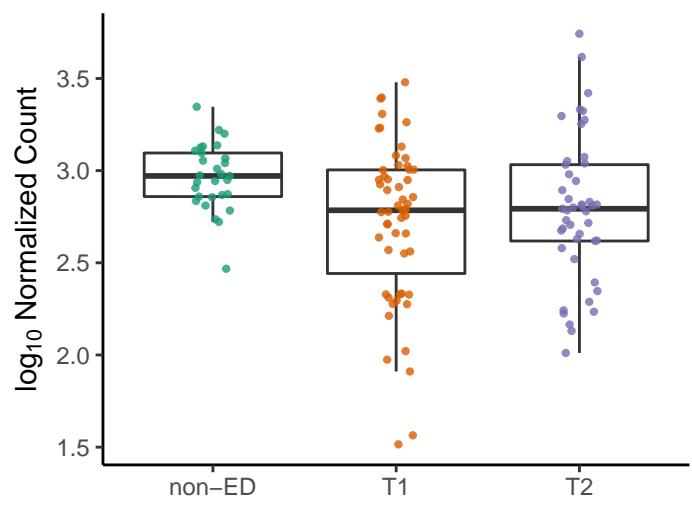
Microcella

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 1



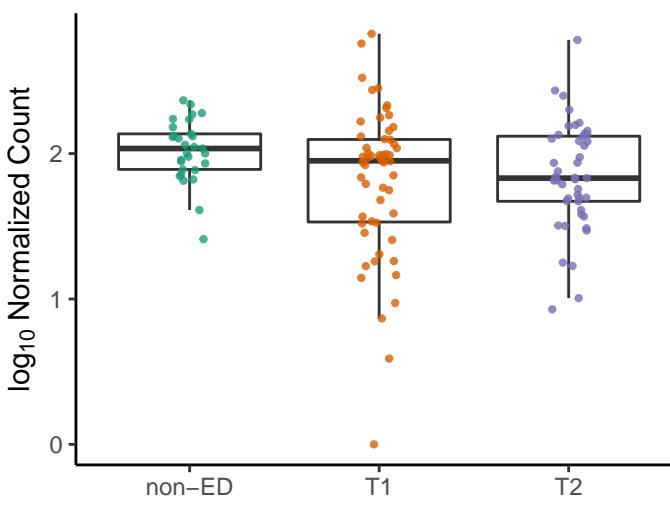
Bosea

non-ED vs. T1 adjusted p = 0.0044
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.79



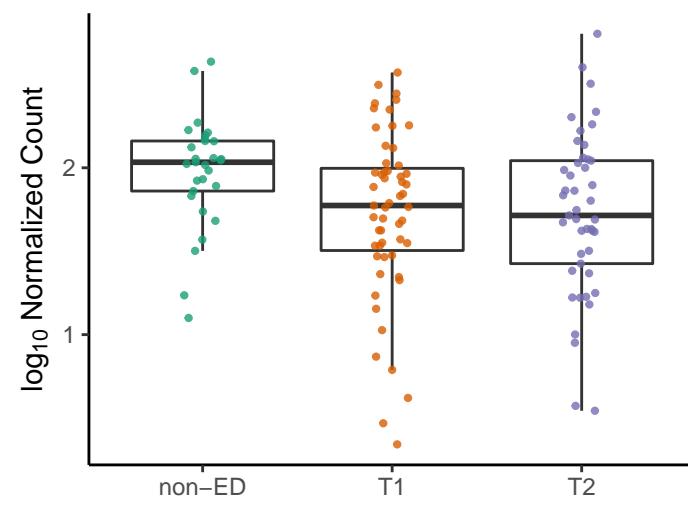
Candidatus Cyclonatronum

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.83



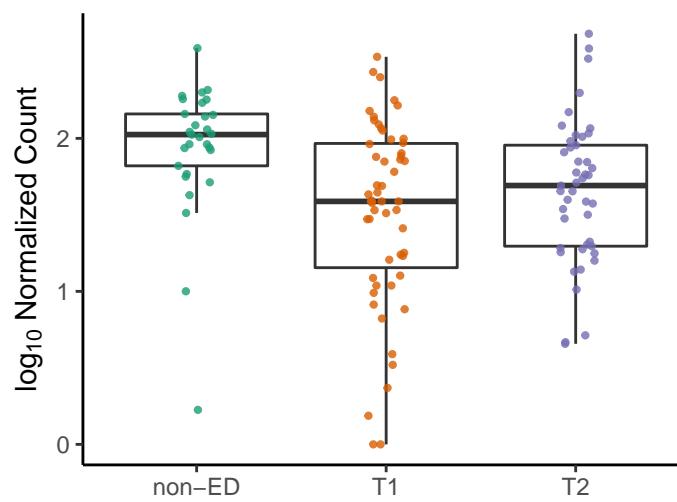
Epidermidibacterium

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.91



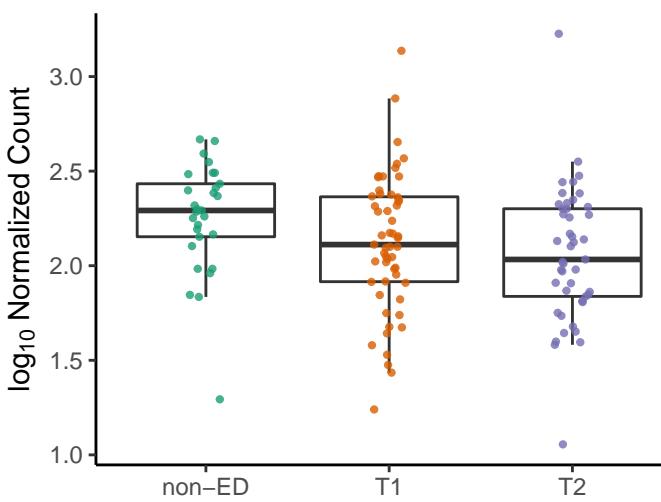
Unclassified Chlorobiaceae Family

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.79



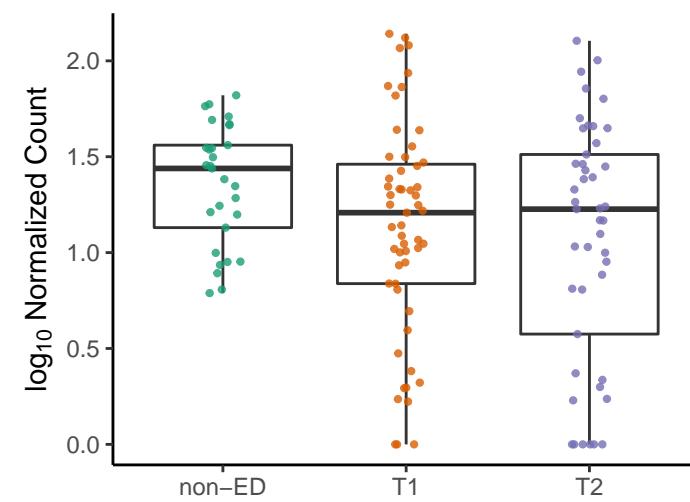
Gloeothecae

non-ED vs. T1 adjusted p = 0.1
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.81



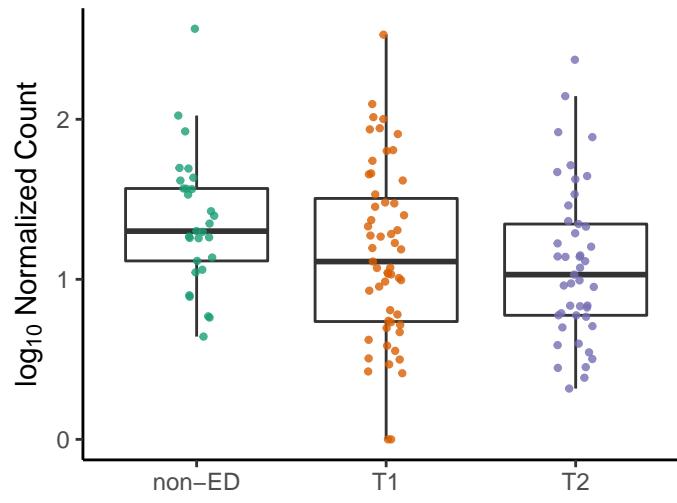
Caldisphaera

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.029
T1 vs. T2 adjusted p = 0.8



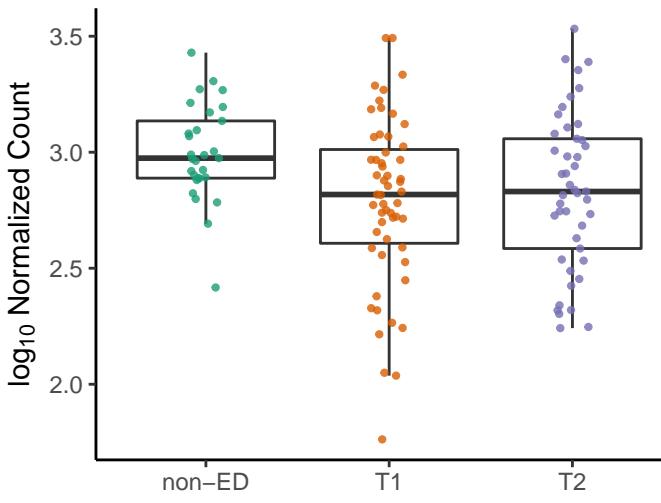
Candidatus Fukatsuia

non-ED vs. T1 adjusted p = 0.091
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.8



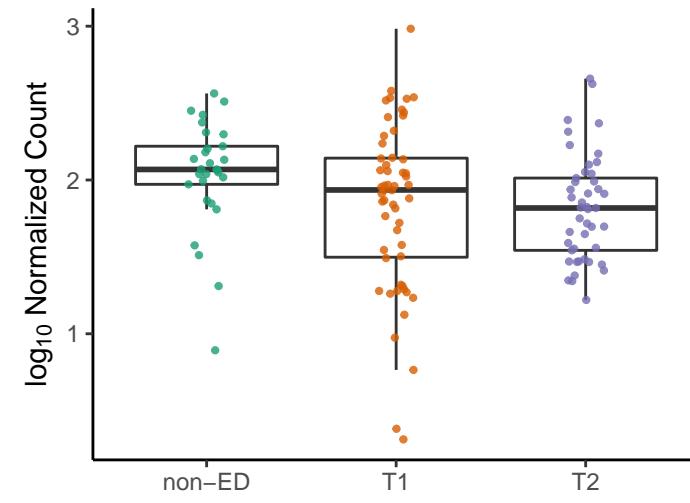
Janthinobacterium

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.79



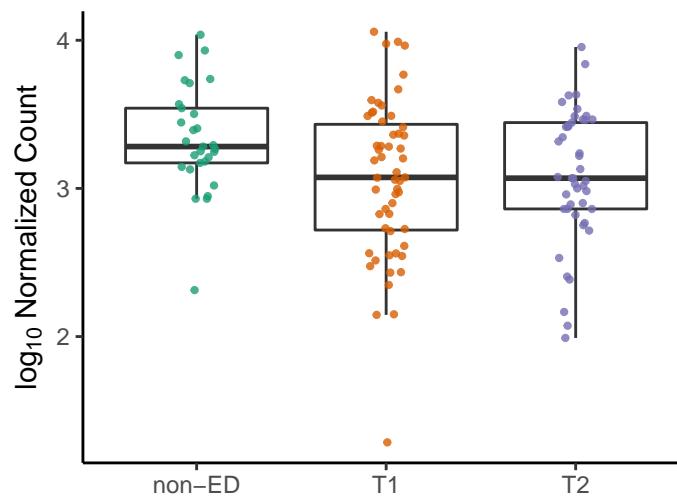
Magnetospira

non-ED vs. T1 adjusted p = 0.072
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.9



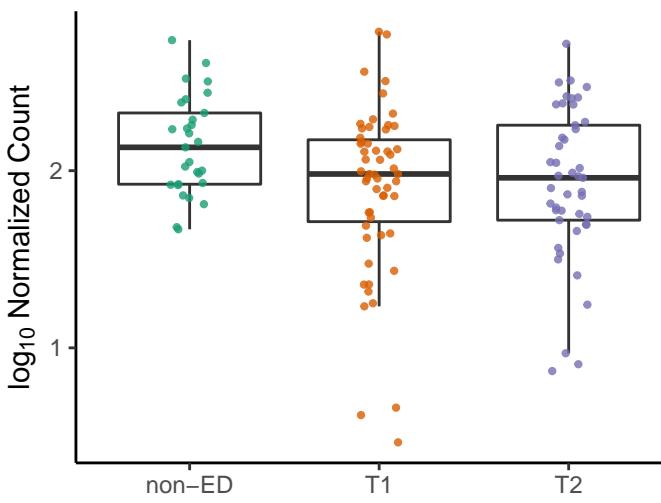
Slackia

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.86



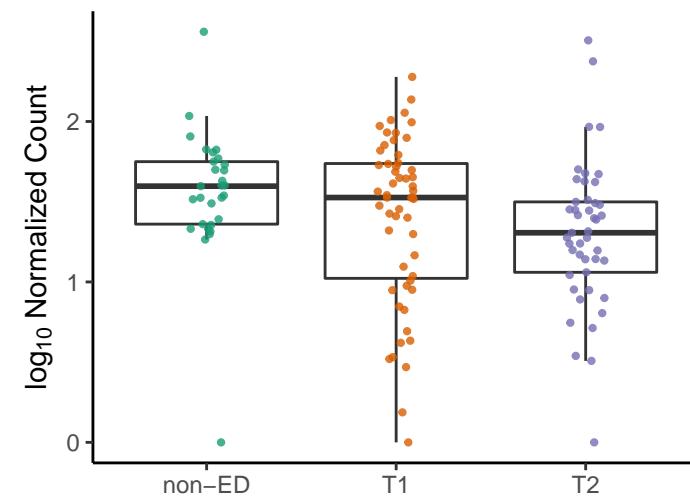
Candidatus Accumulibacter

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.79



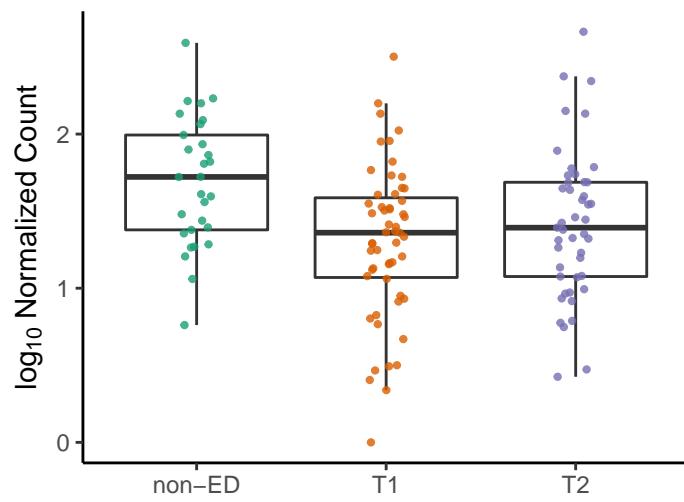
Euhalothece

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.03
T1 vs. T2 adjusted p = 0.79



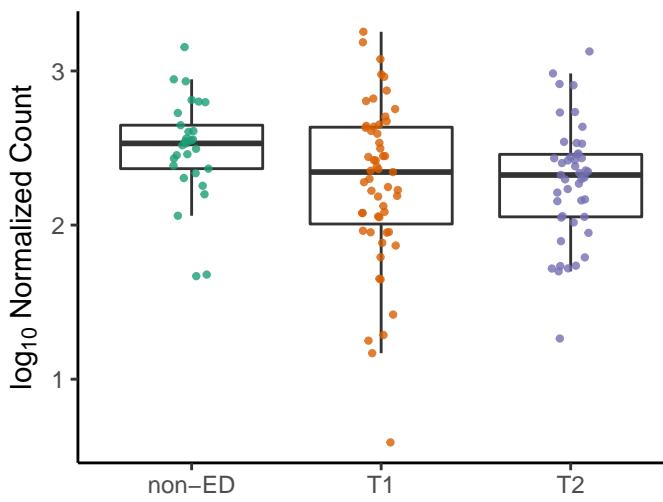
Mycoavidus

non-ED vs. T1 adjusted p = 0.004
 non-ED vs. T2 adjusted p = 0.03
 T1 vs. T2 adjusted p = 0.79



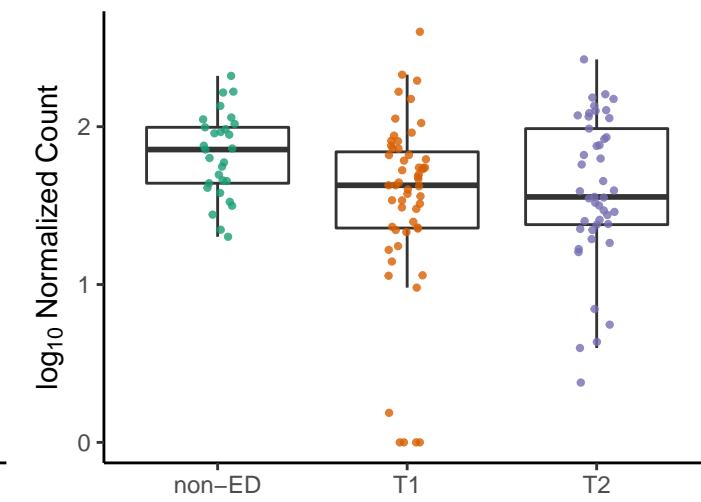
Ramlibacter

non-ED vs. T1 adjusted p = 0.035
 non-ED vs. T2 adjusted p = 0.03
 T1 vs. T2 adjusted p = 0.89



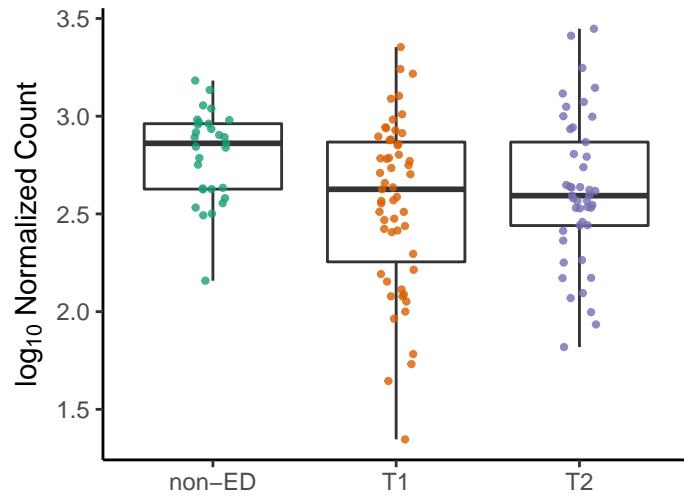
Bacterioplanes

non-ED vs. T1 adjusted p = 0.0078
 non-ED vs. T2 adjusted p = 0.03
 T1 vs. T2 adjusted p = 0.79



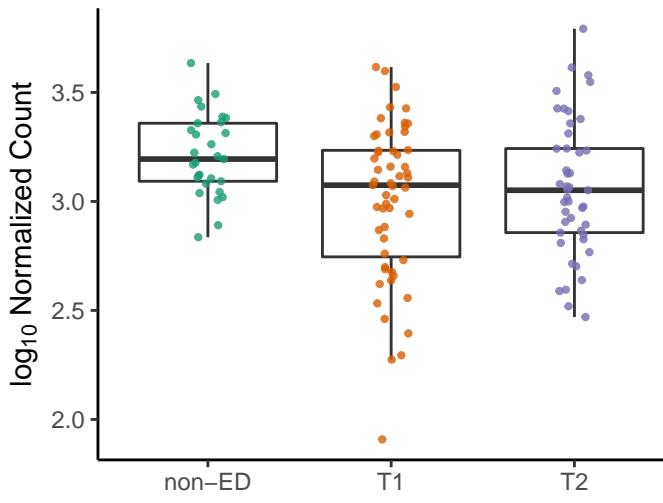
Roseovarius

non-ED vs. T1 adjusted p = 0.0057
 non-ED vs. T2 adjusted p = 0.03
 T1 vs. T2 adjusted p = 0.79



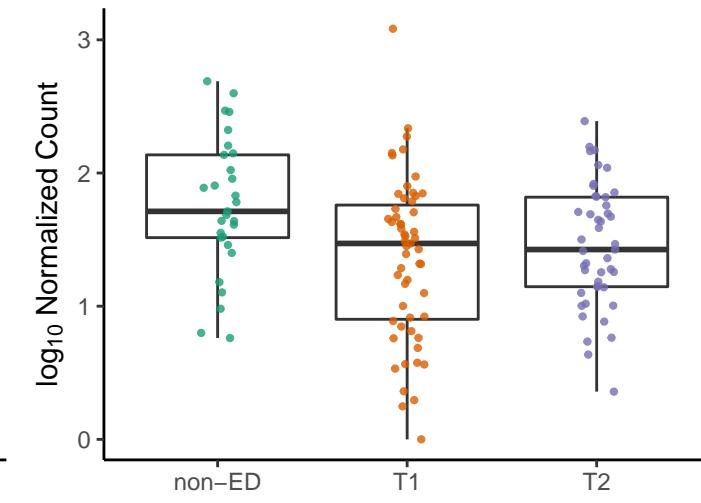
Agrobacterium

non-ED vs. T1 adjusted p = 0.0049
 non-ED vs. T2 adjusted p = 0.031
 T1 vs. T2 adjusted p = 0.79



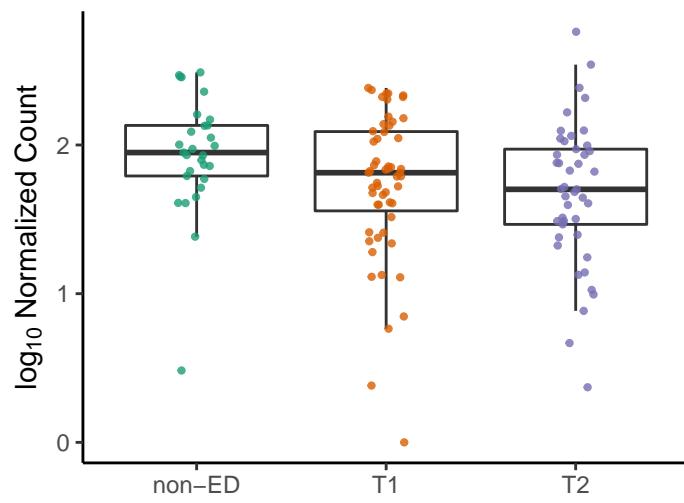
Natronococcus

non-ED vs. T1 adjusted p = 0.0088
 non-ED vs. T2 adjusted p = 0.031
 T1 vs. T2 adjusted p = 0.79



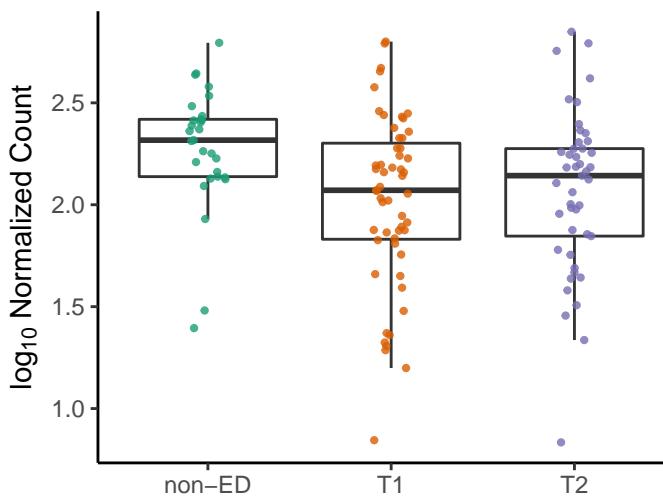
Maritalea

non-ED vs. T1 adjusted p = 0.061
 non-ED vs. T2 adjusted p = 0.031
 T1 vs. T2 adjusted p = 0.83



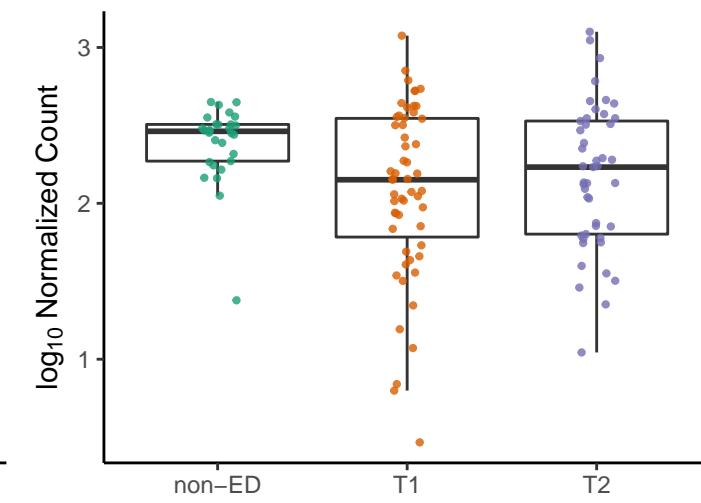
Anaerohalosphaera

non-ED vs. T1 adjusted p = 0.0085
 non-ED vs. T2 adjusted p = 0.031
 T1 vs. T2 adjusted p = 0.79



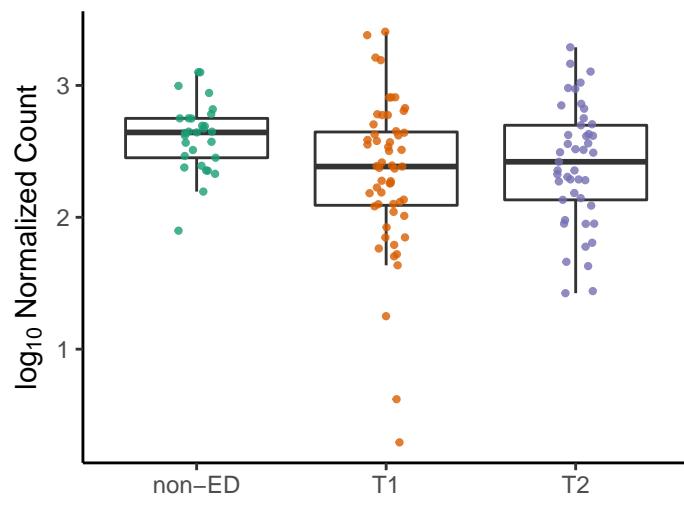
Kibdelosporangium

non-ED vs. T1 adjusted p = 0.0051
 non-ED vs. T2 adjusted p = 0.031
 T1 vs. T2 adjusted p = 0.79



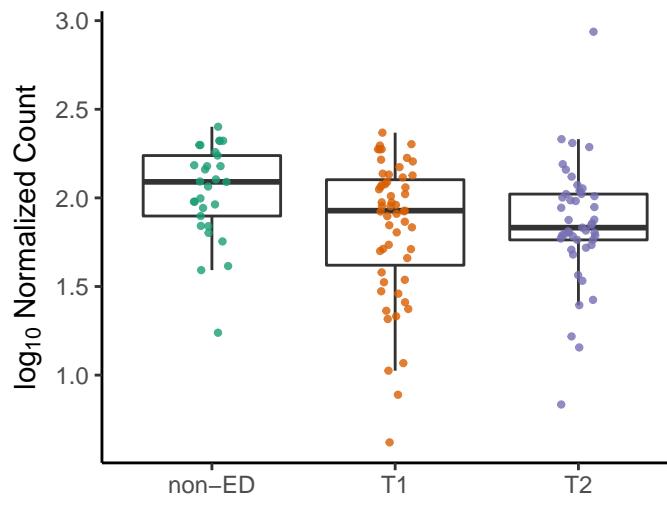
Georgenia

non-ED vs. T1 adjusted p = 0.0094
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



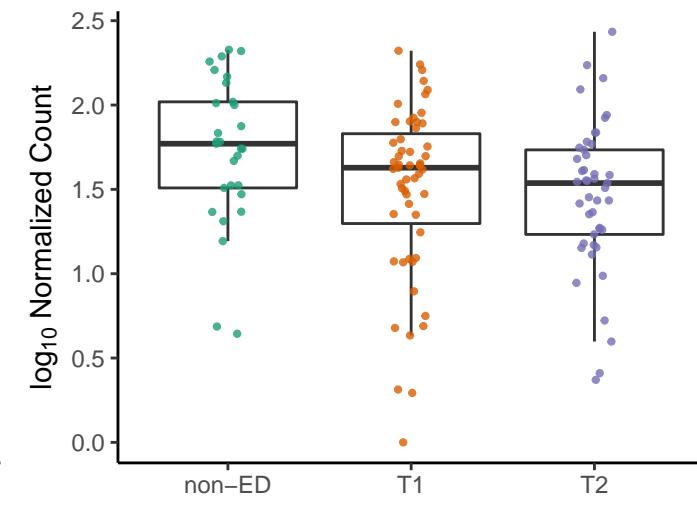
Marinobacterium

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.91



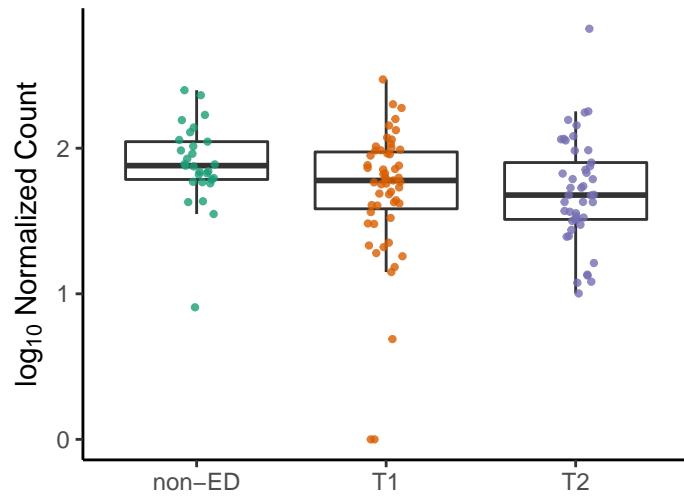
Wolinella

non-ED vs. T1 adjusted p = 0.054
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.86



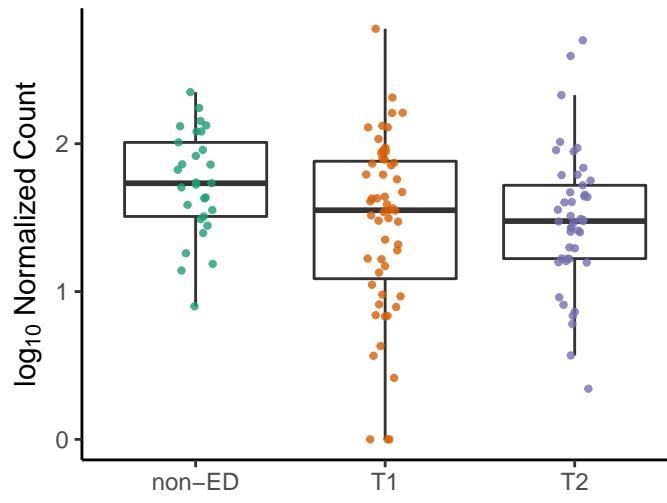
Pseudohongiella

non-ED vs. T1 adjusted p = 0.033
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.86



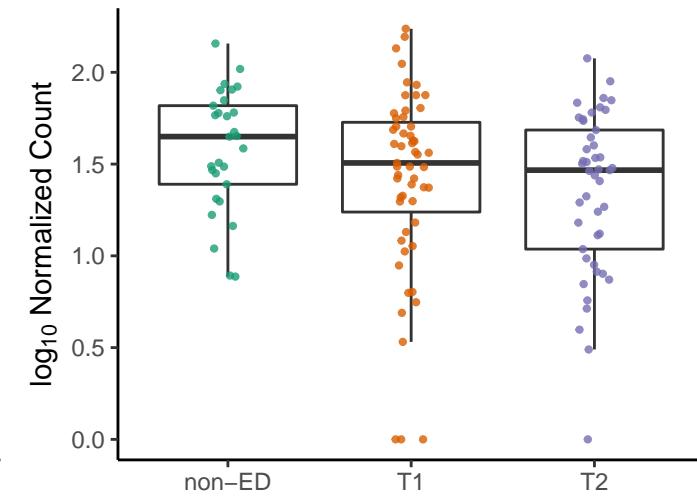
Bermanella

non-ED vs. T1 adjusted p = 0.021
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.96



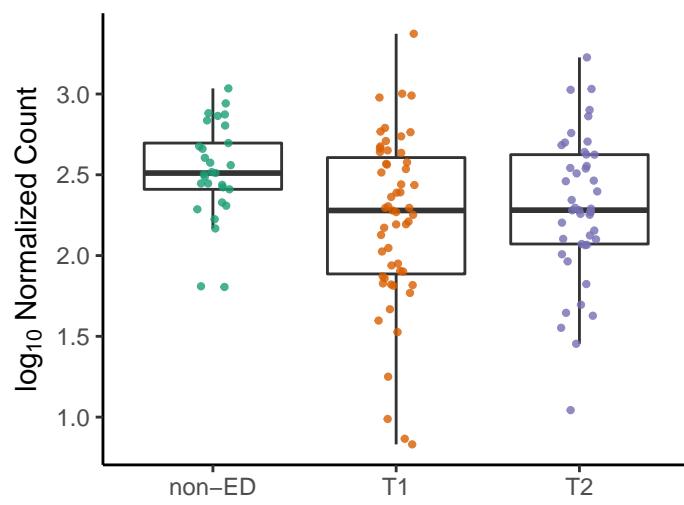
Bythopirellula

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.97



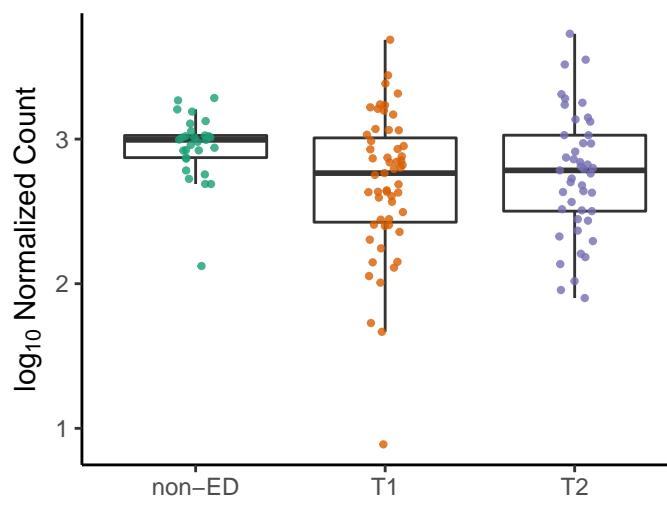
Gemmatirosa

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



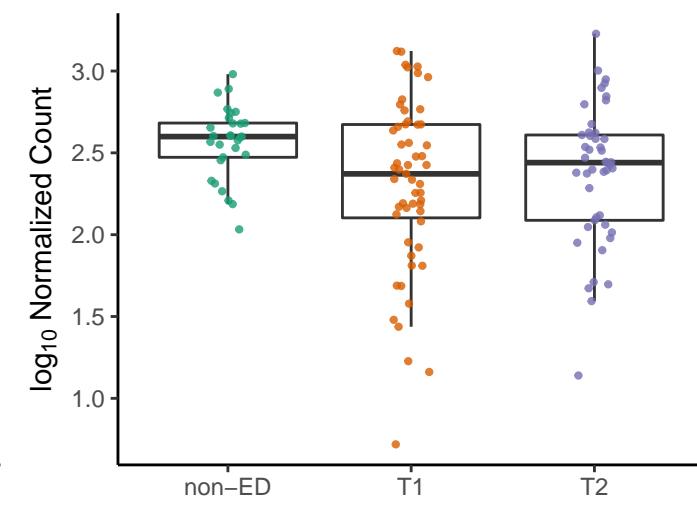
Rathayibacter

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



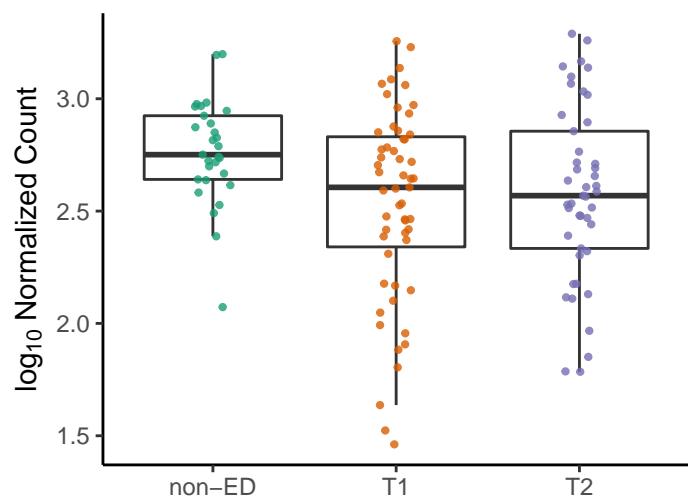
Unclassified Rhodothermaceae Family

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



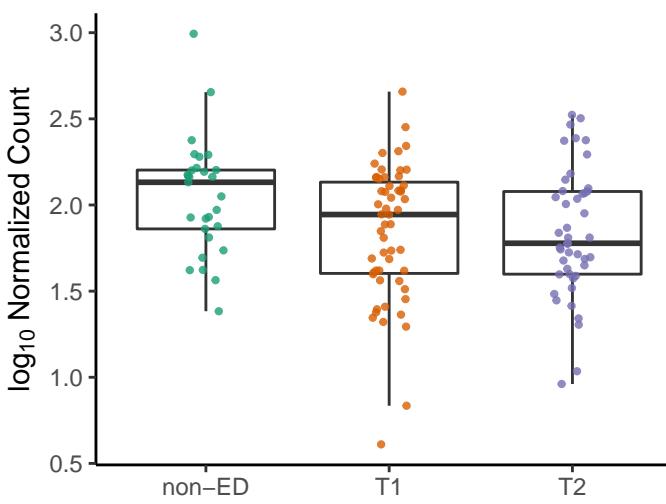
Devosia

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



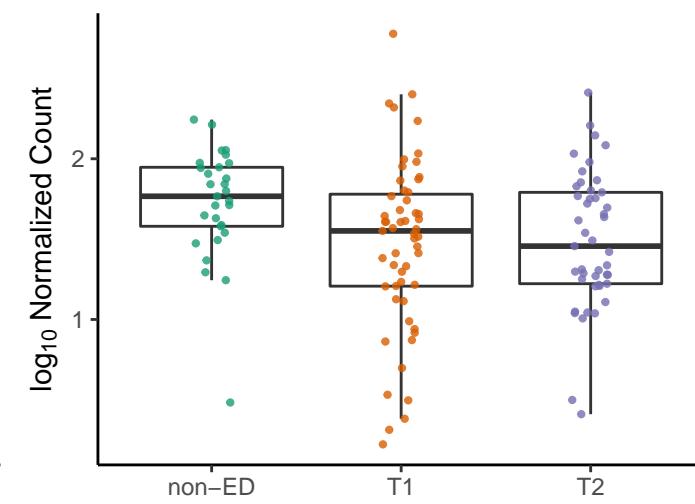
Suicoccus

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.93



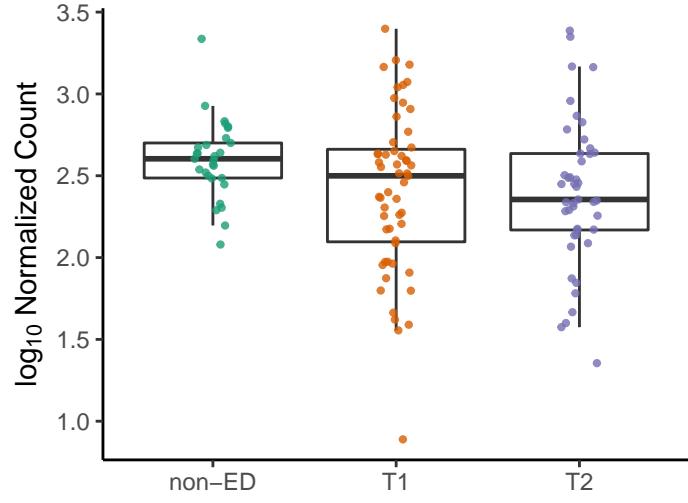
Thalassobius

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.86



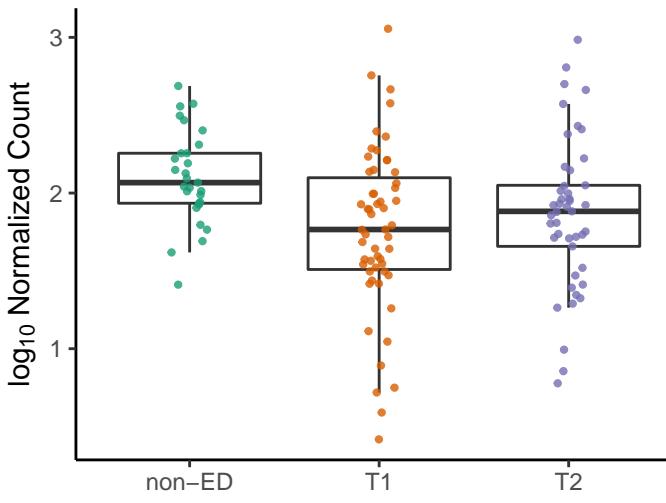
Verrucomicrobium

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.99



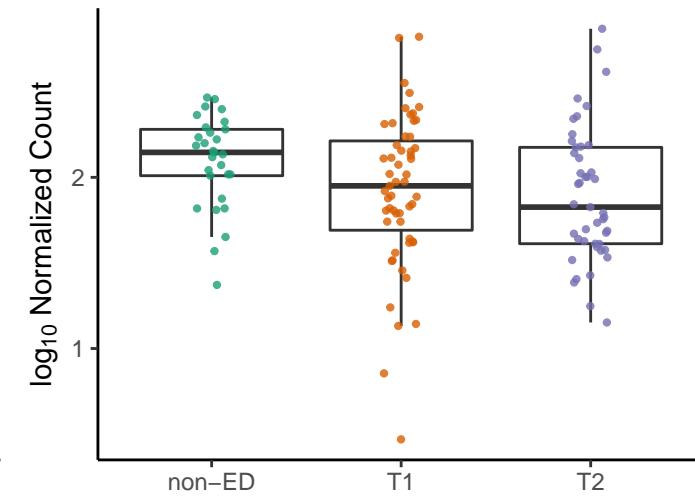
Aureimonas

non-ED vs. T1 adjusted p = 0.004
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



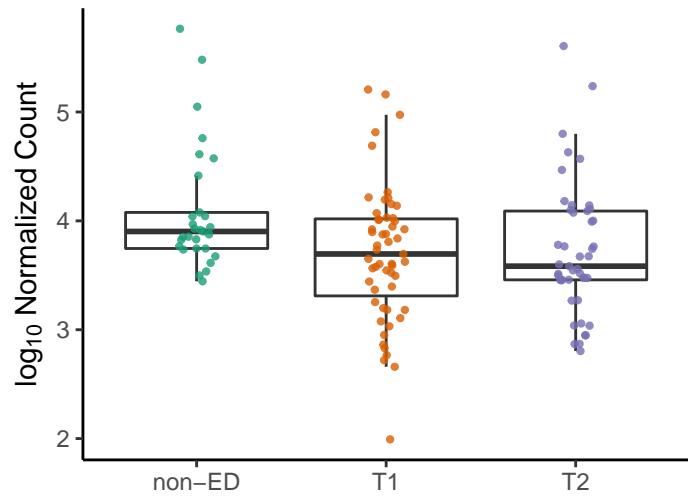
Caldithrix

non-ED vs. T1 adjusted p = 0.052
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.91



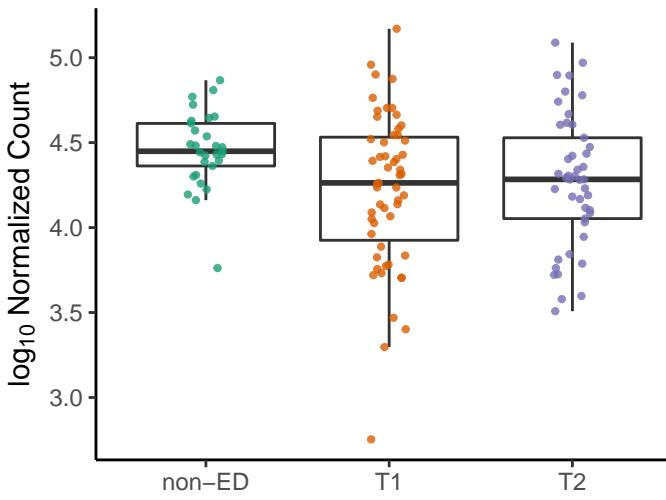
Desulfovibrio

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



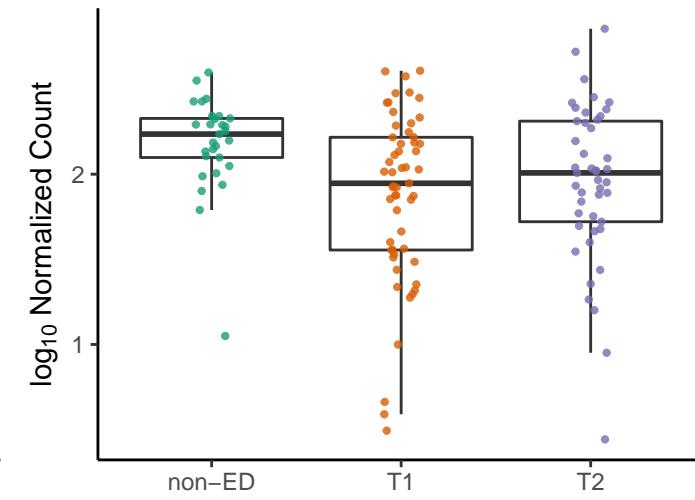
Streptomyces

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



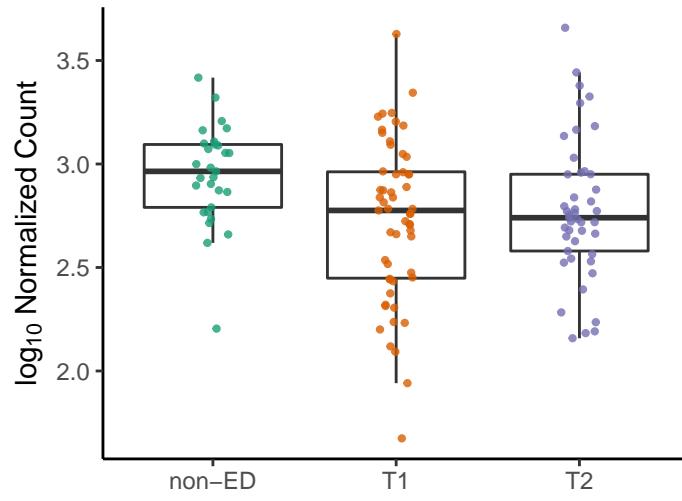
Verminephrobacter

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



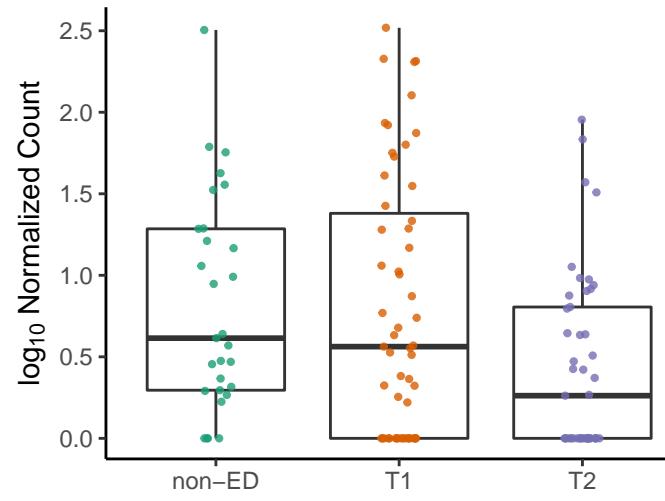
Komagataeibacter

non-ED vs. T1 adjusted p = 0.0087
non-ED vs. T2 adjusted p = 0.031
T1 vs. T2 adjusted p = 0.79



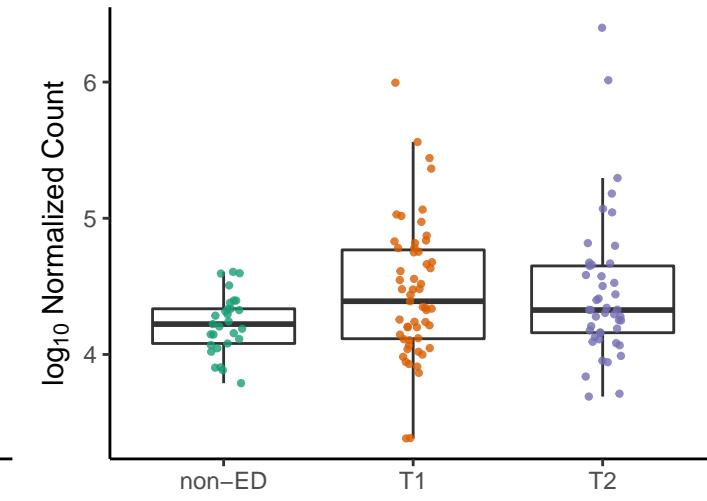
Unclassified Verrucomicrobiaceae Fam

non-ED vs. T1 adjusted p = 0.89
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.51



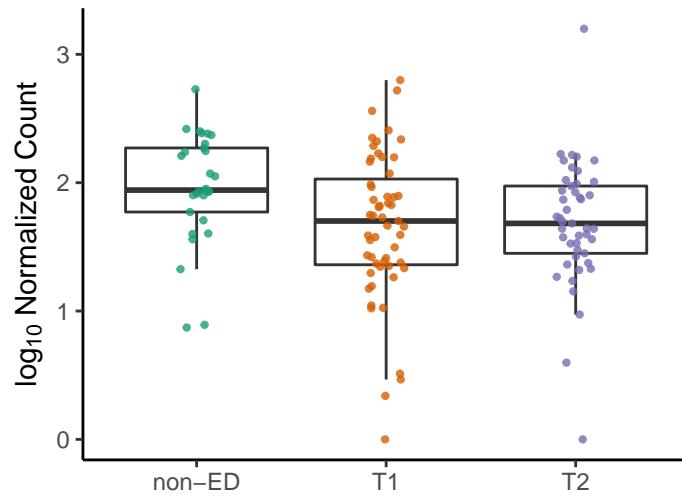
Erysipelatoclostridium

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.93



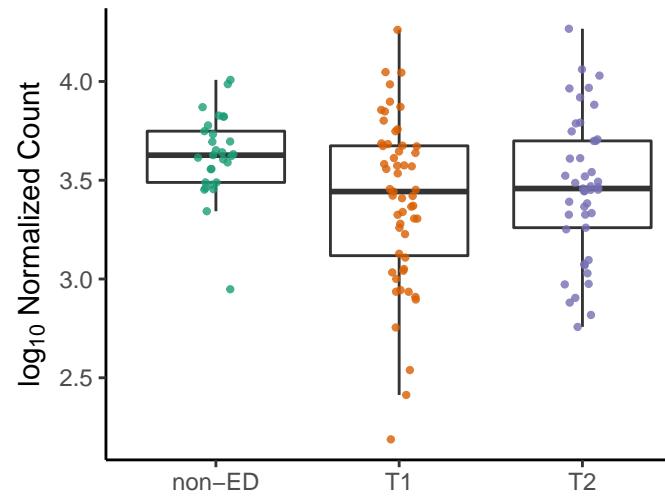
Frischella

non-ED vs. T1 adjusted p = 0.021
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.91



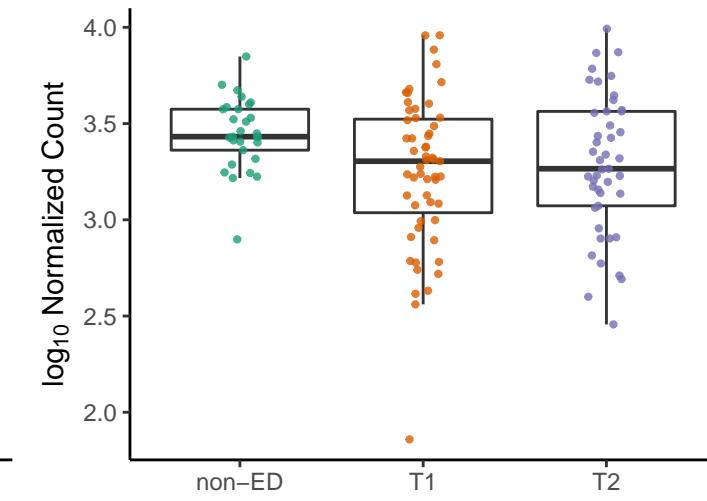
Mycobacterium

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



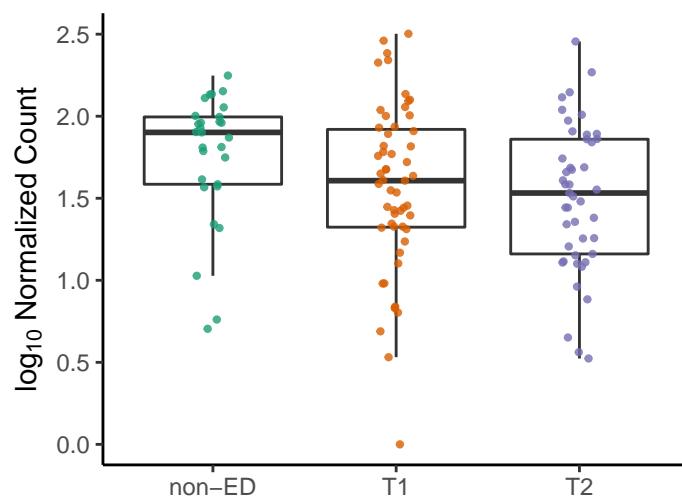
Aeromonas

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



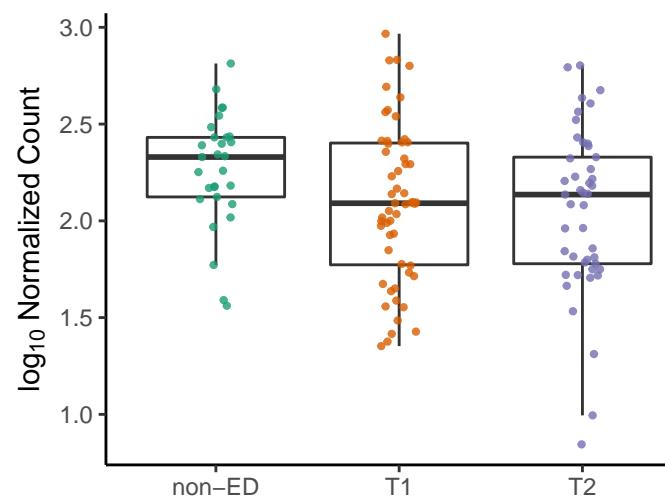
Owenweeksia

non-ED vs. T1 adjusted p = 0.085
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



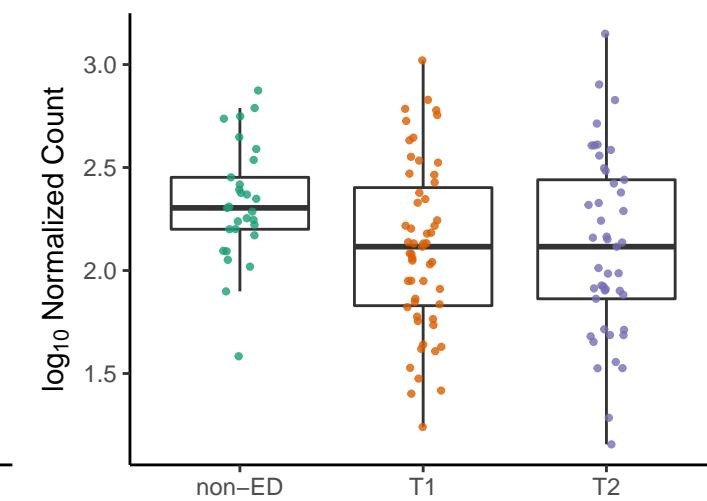
Halobacteriovorax

non-ED vs. T1 adjusted p = 0.051
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.91



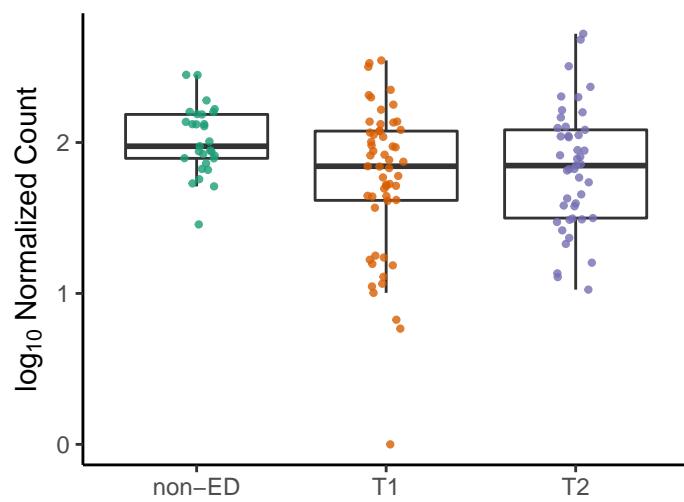
Chloroflexus

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.97



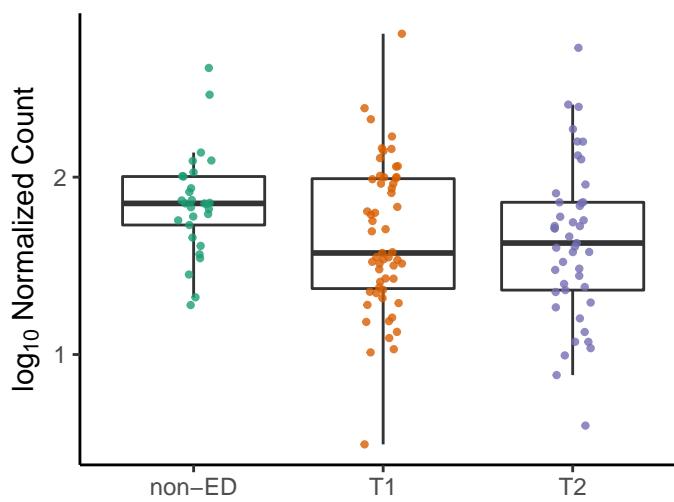
Edaphobacter

non-ED vs. T1 adjusted p = 0.0071
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.8



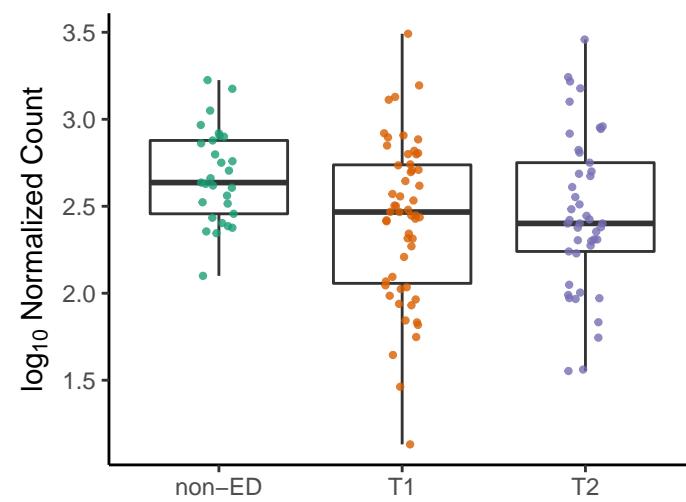
Unclassified Rhodocyclaceae Family

non-ED vs. T1 adjusted p = 0.035
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.99



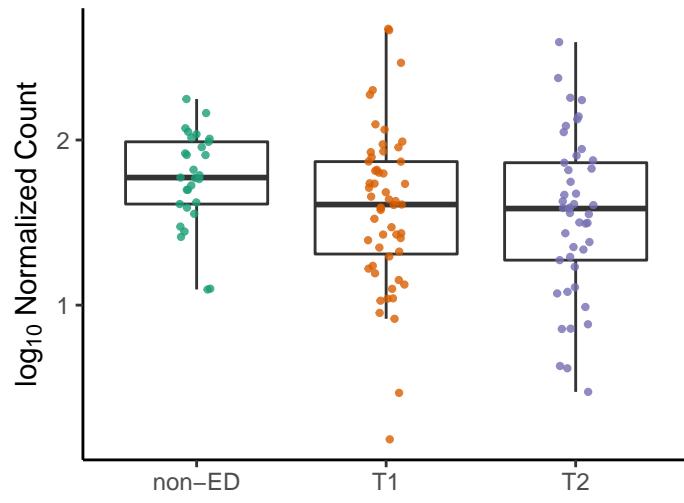
Archangium

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



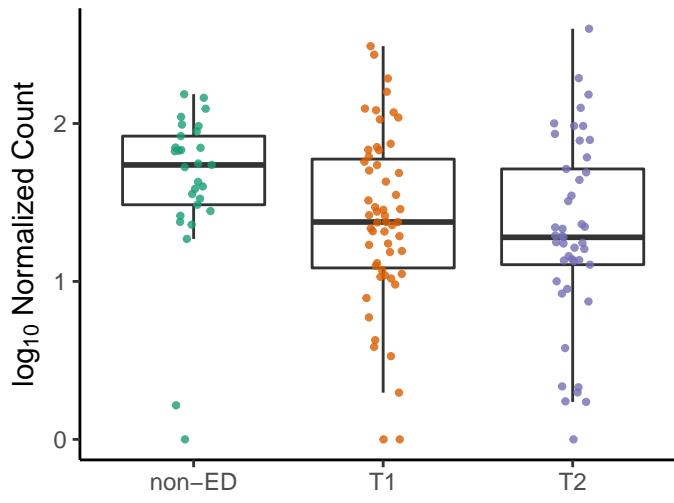
Permianibacter

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.85



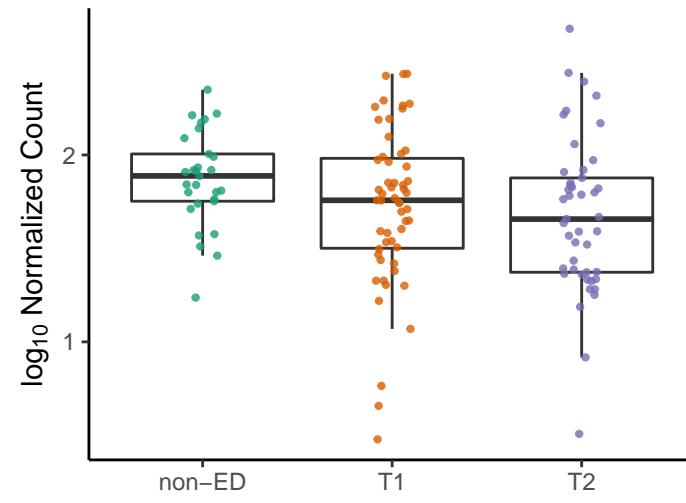
Unclassified Candidatus Gracilibacteria F

non-ED vs. T1 adjusted p = 0.079
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.89



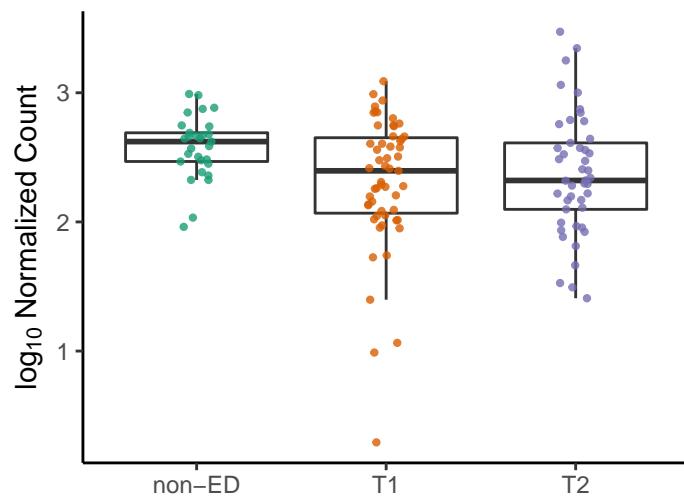
Basfia

non-ED vs. T1 adjusted p = 0.077
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.8



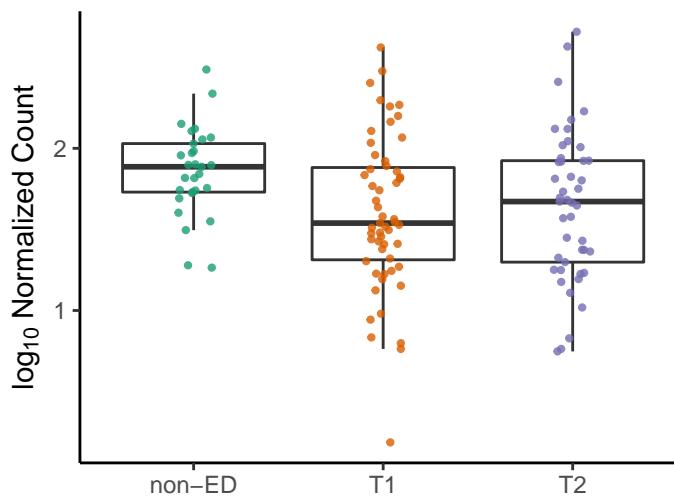
Tsukamurella

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



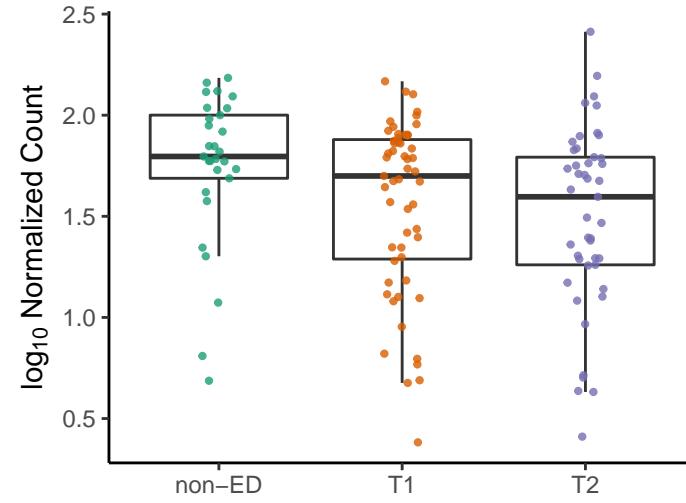
Ketobacter

non-ED vs. T1 adjusted p = 0.0078
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.91



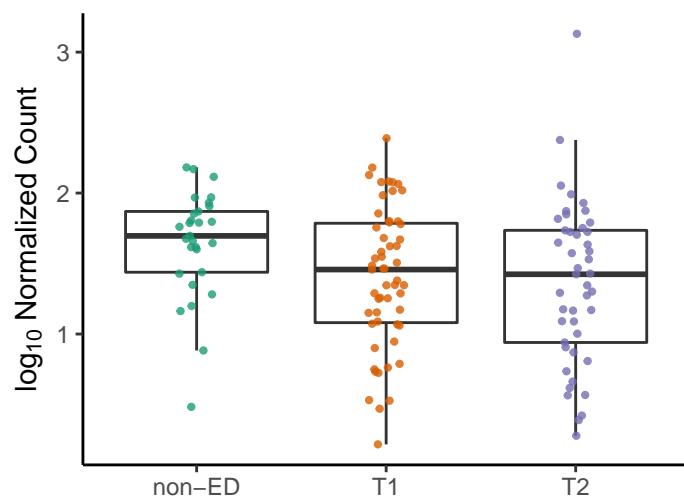
Ogataea

non-ED vs. T1 adjusted p = 0.067
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.86



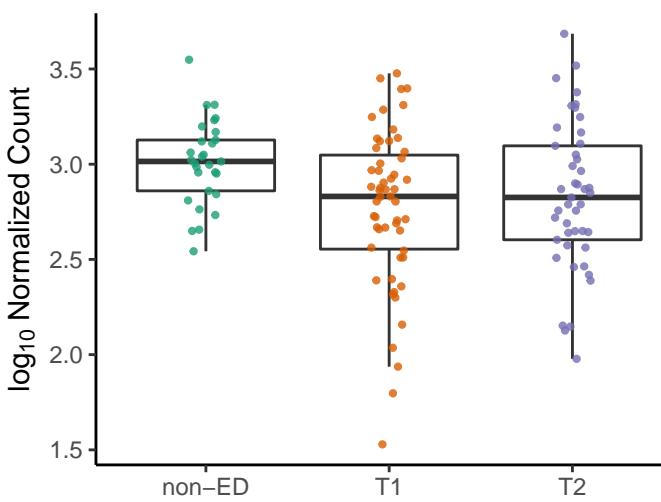
Paraphotobacterium

non-ED vs. T1 adjusted p = 0.033
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



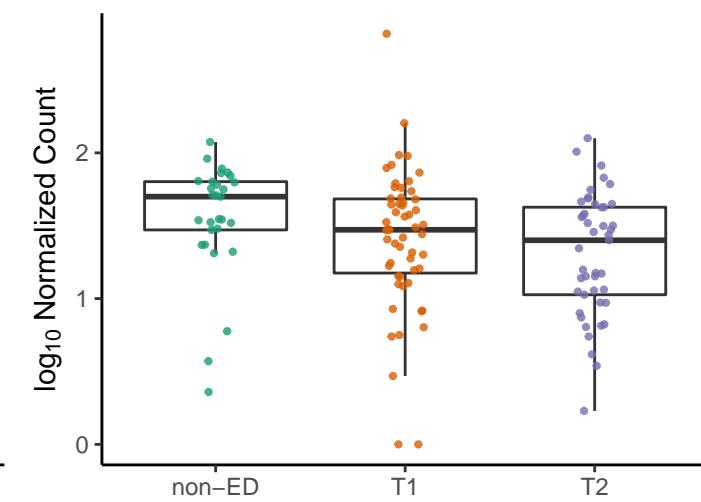
Unclassified Burkholderiaceae Family

non-ED vs. T1 adjusted p = 0.0059
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



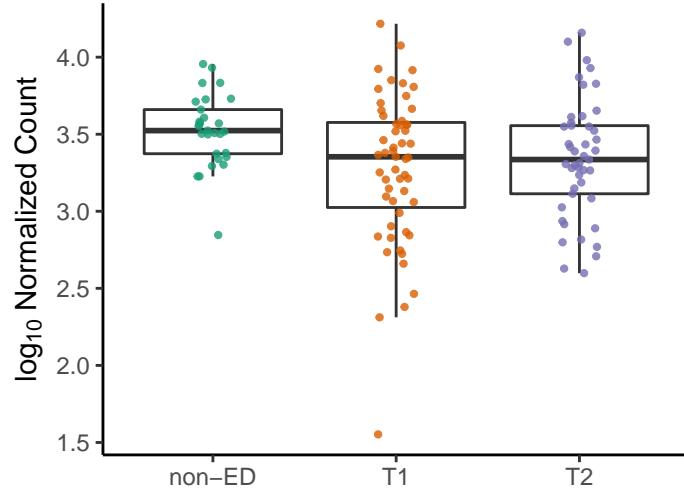
Unclassified Flavobacteriales Order

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



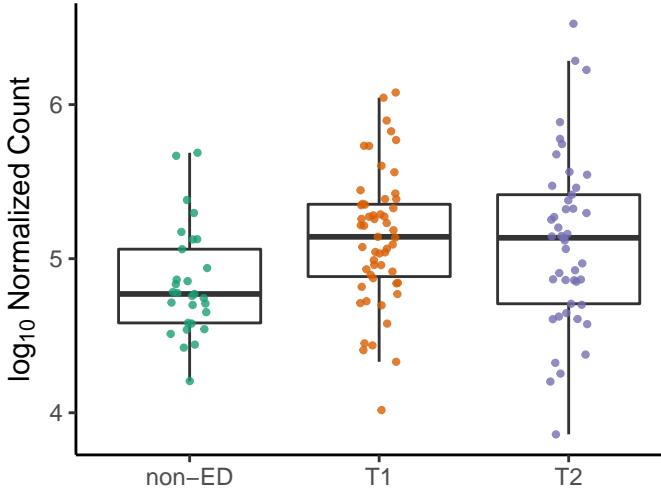
Micromonospora

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.032
T1 vs. T2 adjusted p = 0.79



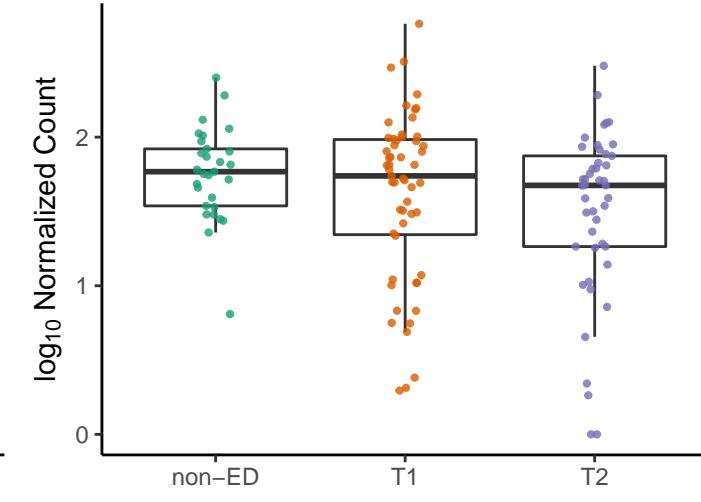
Flavonifractor

non-ED vs. T1 adjusted p = 0.0064
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.92



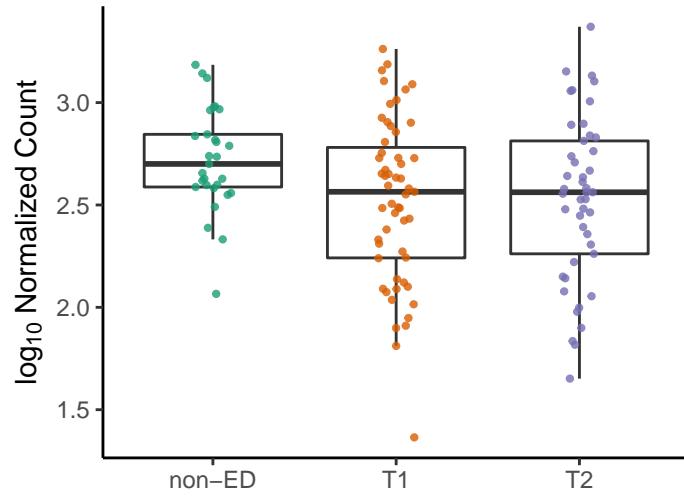
Unclassified Hymenobacteraceae Family

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.79



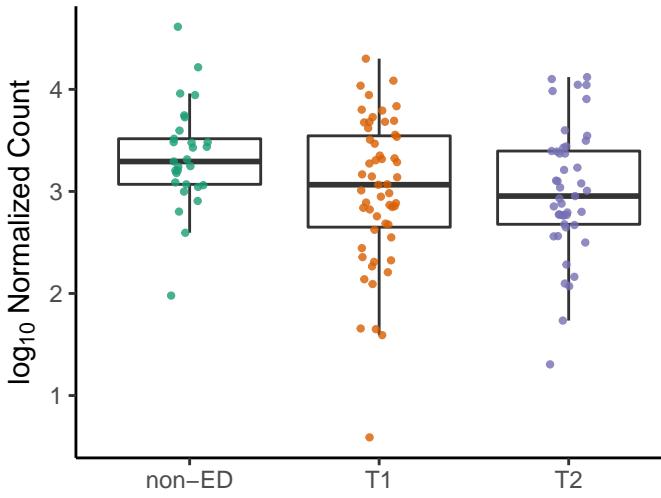
Desulfuromonas

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.88



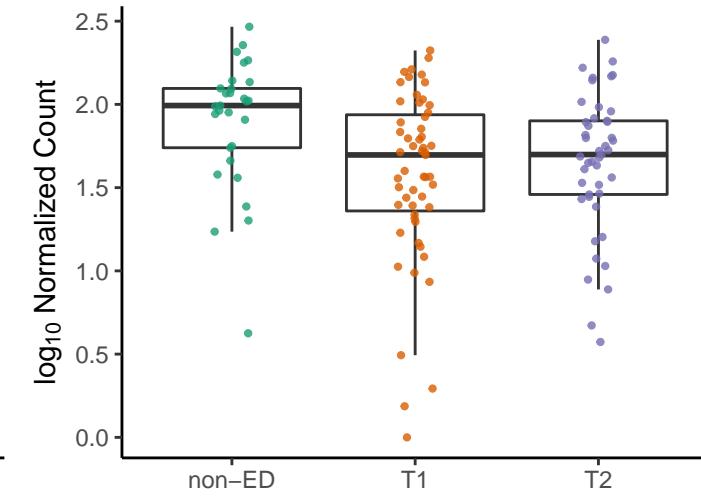
Libanicoccus

non-ED vs. T1 adjusted p = 0.029
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.83



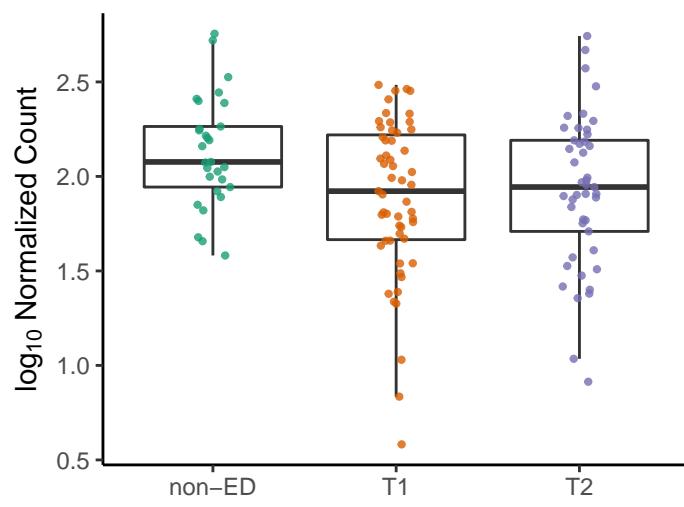
Psychromicrobium

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.79



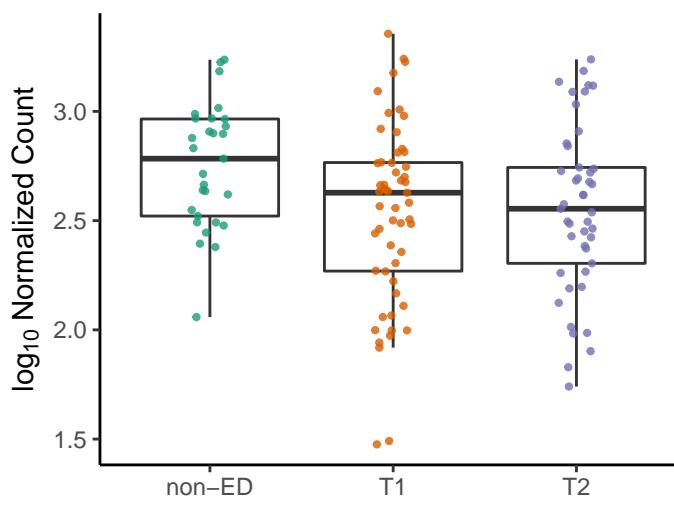
Yarrowia

non-ED vs. T1 adjusted p = 0.0091
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



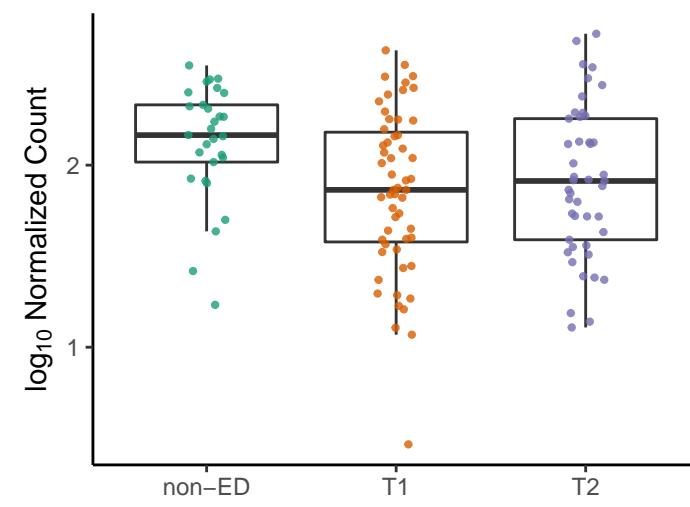
Agromyces

non-ED vs. T1 adjusted p = 0.015
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.82



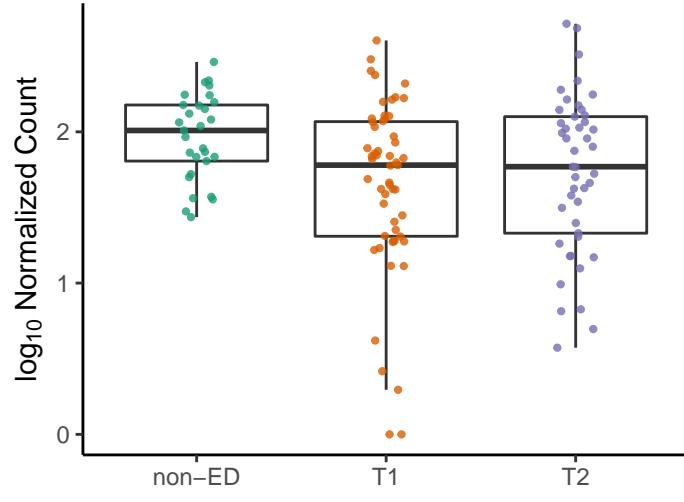
Scardovia

non-ED vs. T1 adjusted p = 0.0082
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



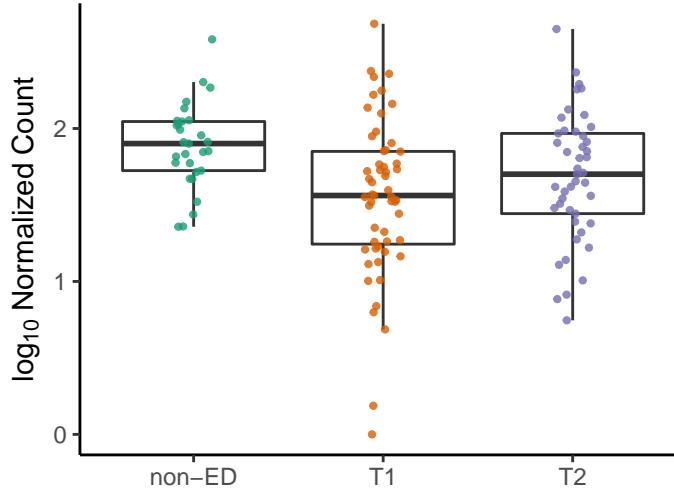
Wenzhouxiangella

non-ED vs. T1 adjusted p = 0.0059
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



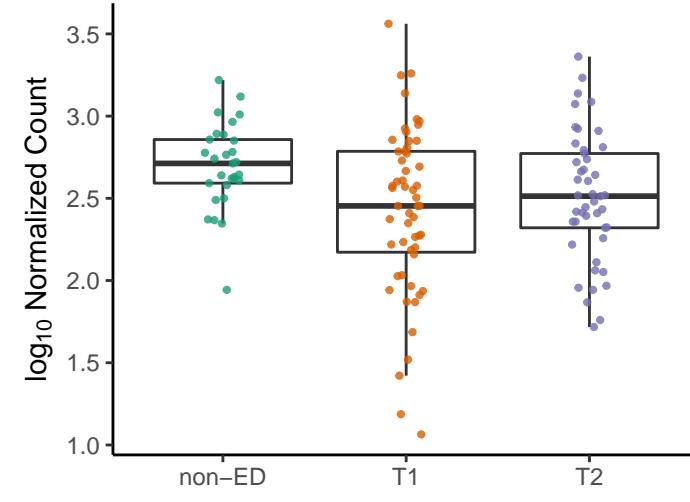
Teredinibacter

non-ED vs. T1 adjusted p = 0.0035
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



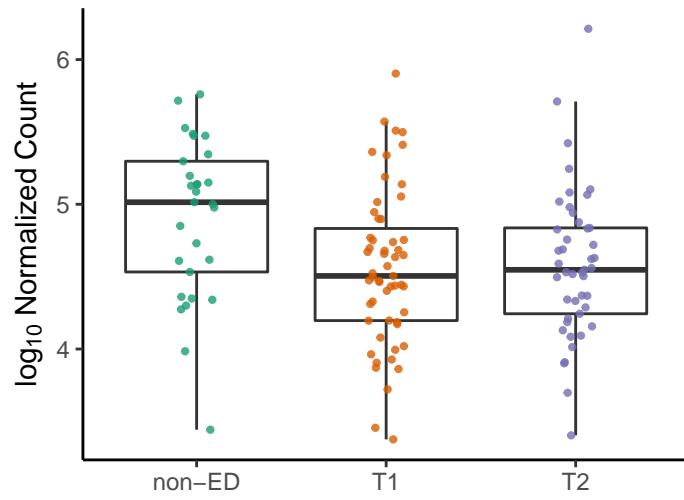
Ornithinimicrobium

non-ED vs. T1 adjusted p = 0.0072
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



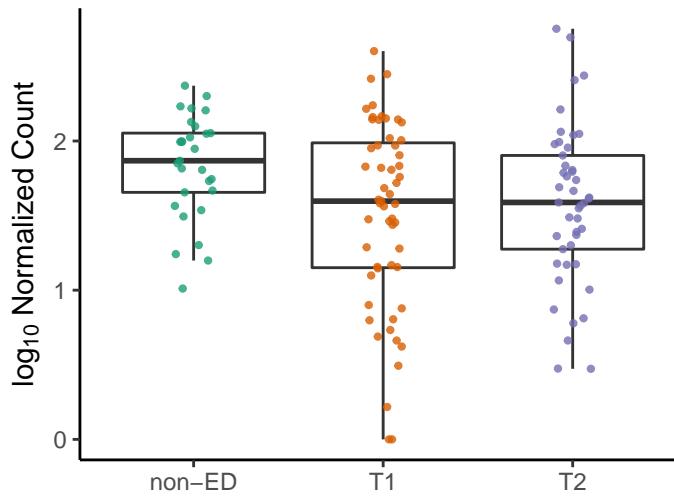
Unclassified Erysipelotrichaceae Family

non-ED vs. T1 adjusted p = 0.018
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 1



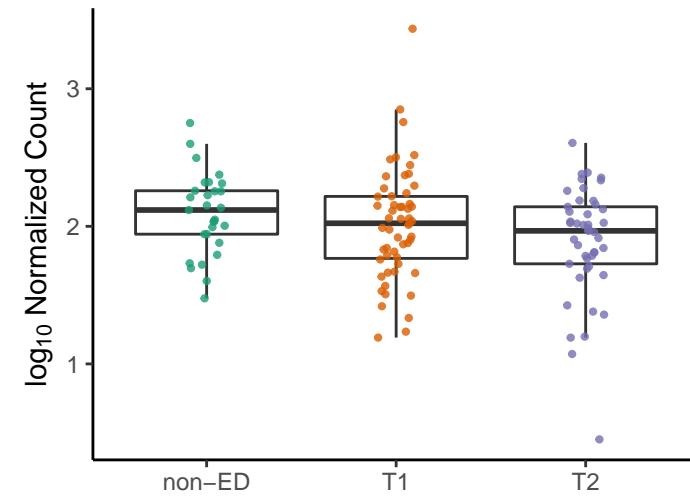
Unclassified Rhodospirillales Order

non-ED vs. T1 adjusted p = 0.011
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



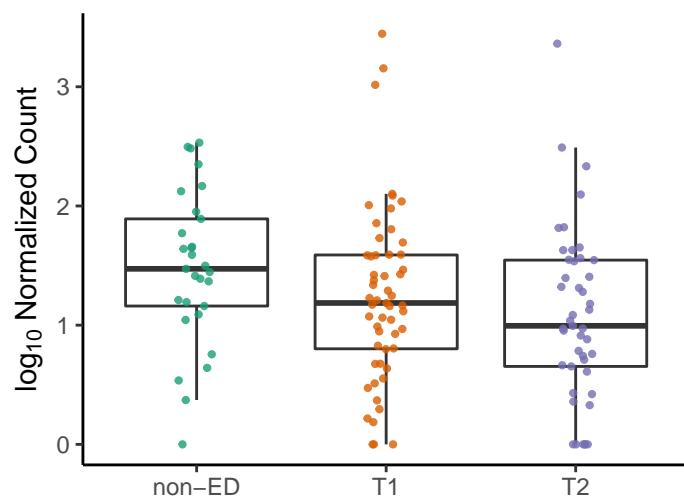
Shimwellia

non-ED vs. T1 adjusted p = 0.33
 non-ED vs. T2 adjusted p = 0.033
 T1 vs. T2 adjusted p = 0.79



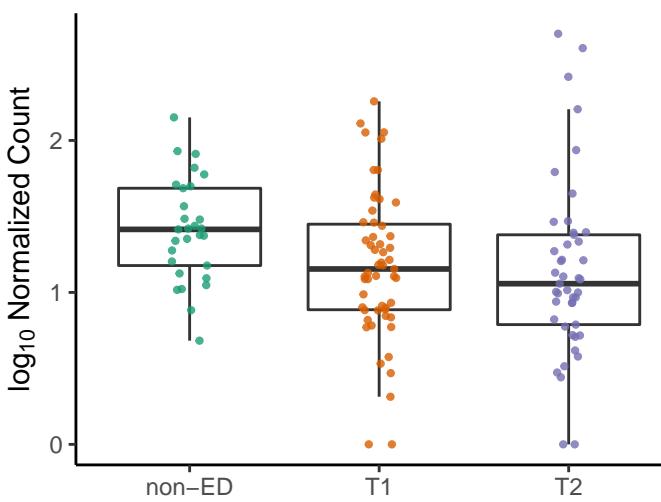
Unclassified Prevotellaceae Family

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.79



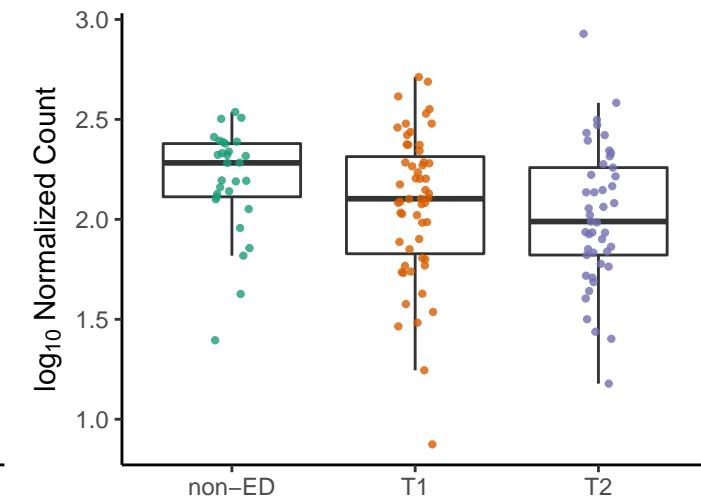
Halostagnicola

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.99



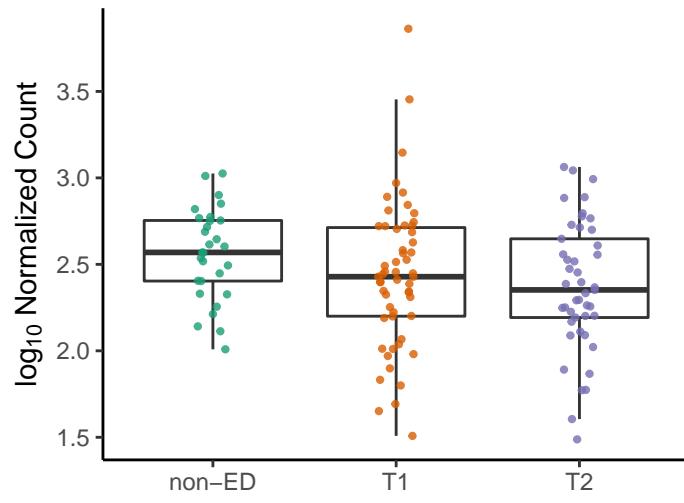
Talaromyces

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.82



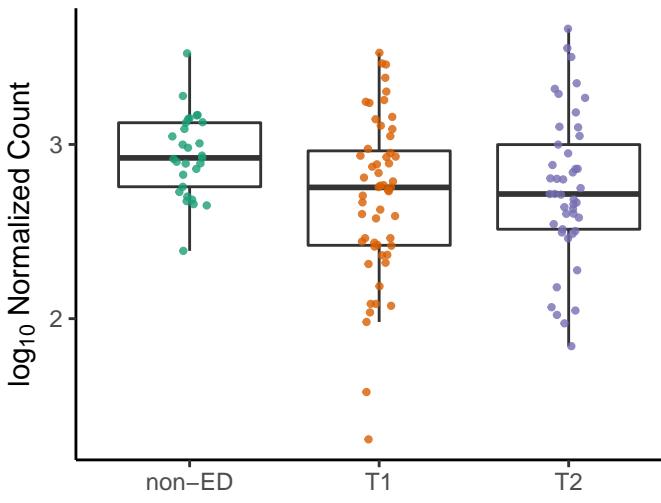
Pluralibacter

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.88



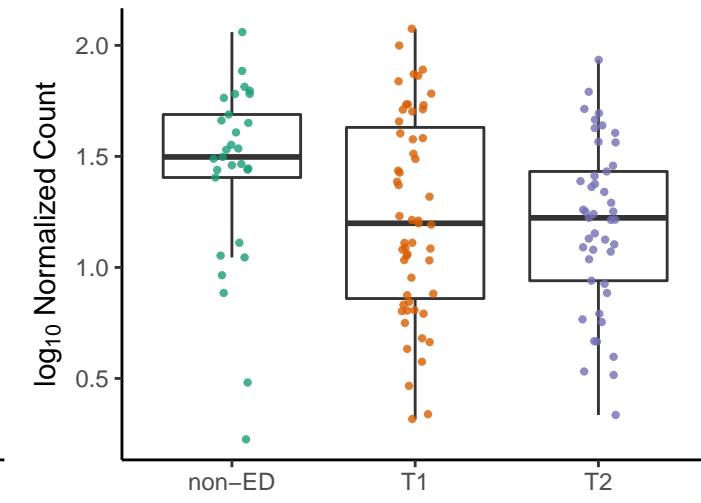
Brachybacterium

non-ED vs. T1 adjusted p = 0.0081
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



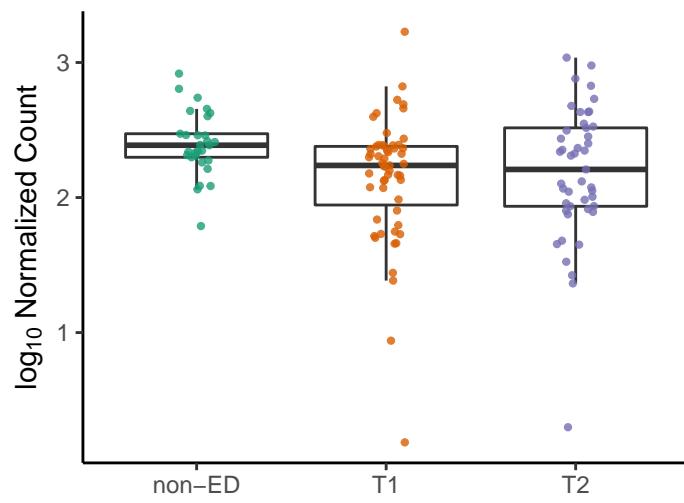
Cetia

non-ED vs. T1 adjusted p = 0.068
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



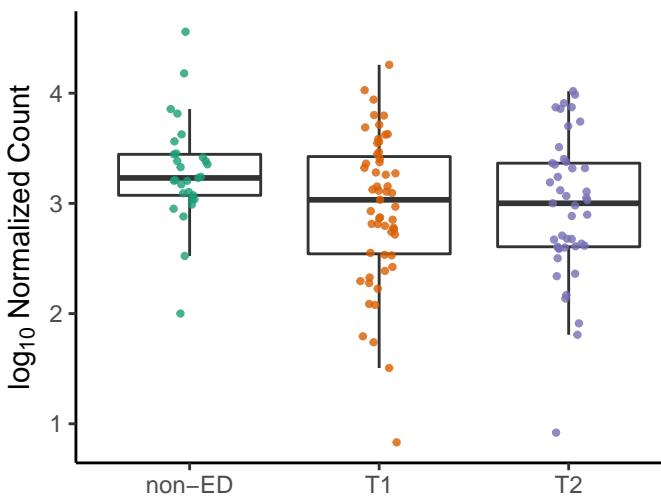
Microvirgula

non-ED vs. T1 adjusted p = 0.007
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



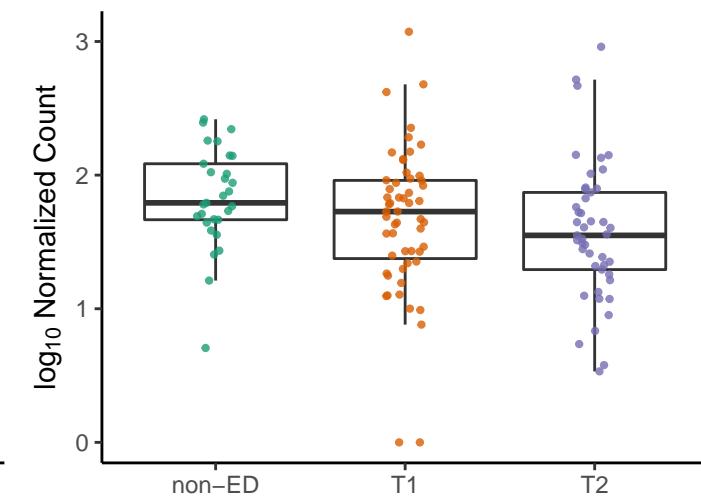
Parolsenella

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.8



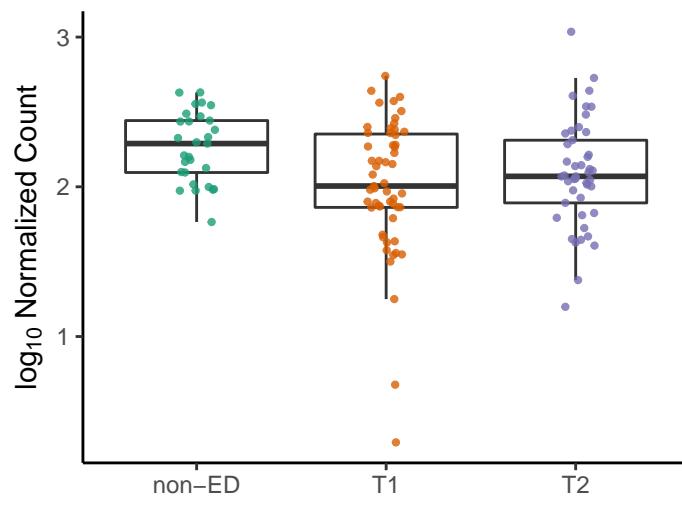
Taylorella

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



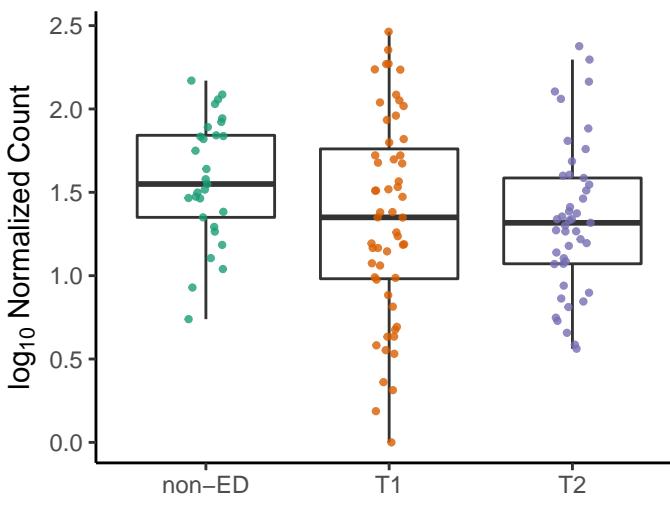
Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



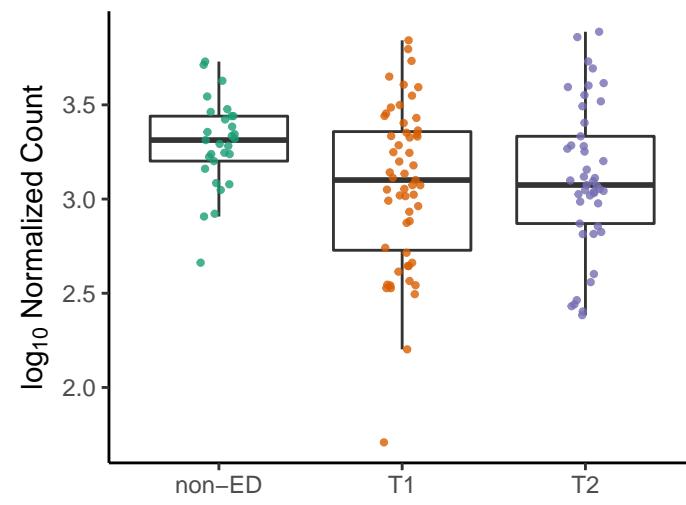
Salarchaeum

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.97



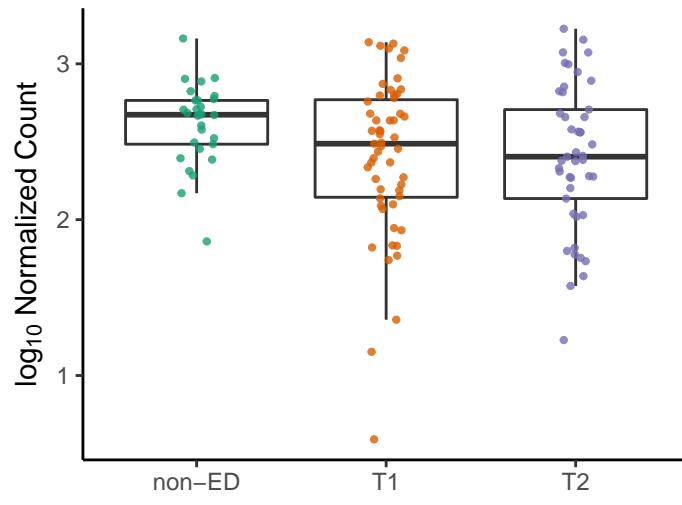
Unclassified Rhizobiales Order

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.8



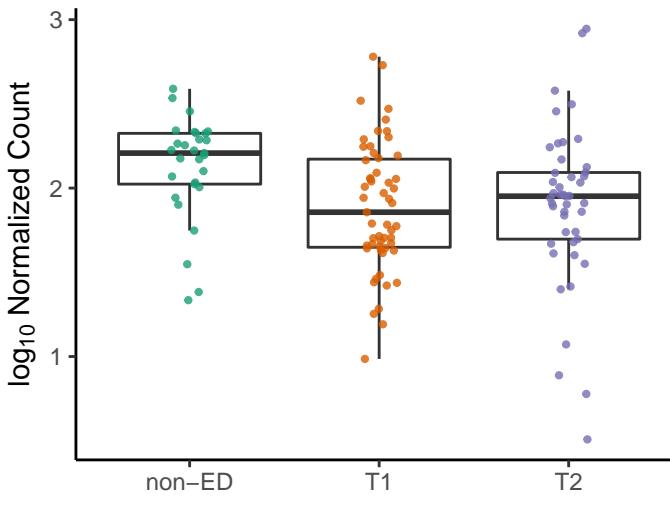
Curtobacterium

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.92



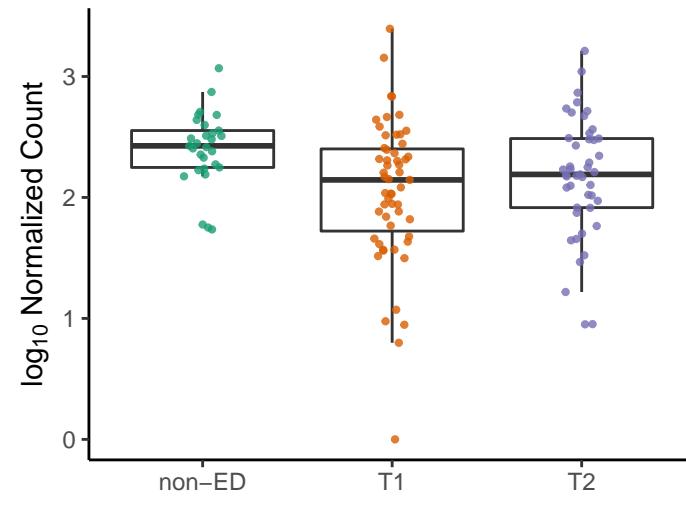
Jeotgalicoccus

non-ED vs. T1 adjusted p = 0.0093
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.93



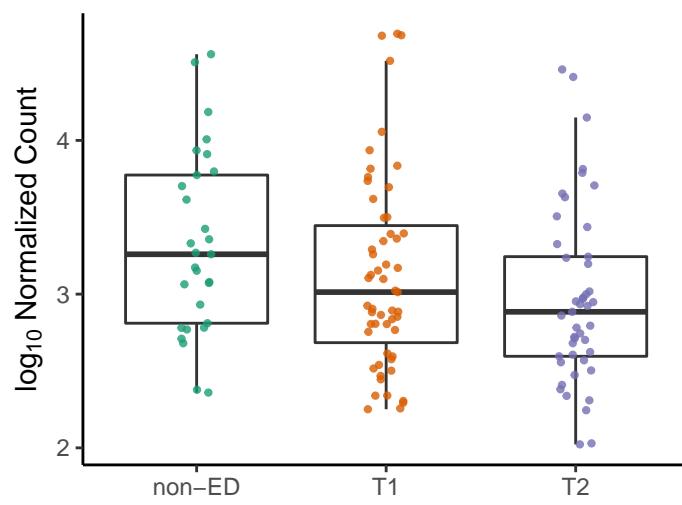
Serpentinomonas

non-ED vs. T1 adjusted p = 0.0045
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



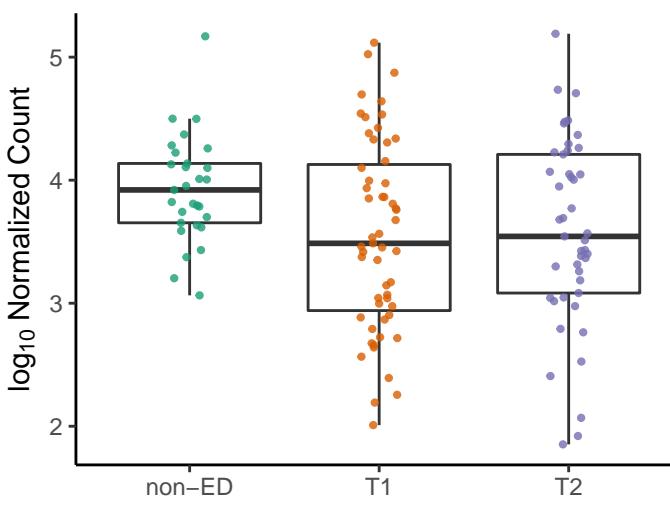
Turicibacter

non-ED vs. T1 adjusted p = 0.2
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



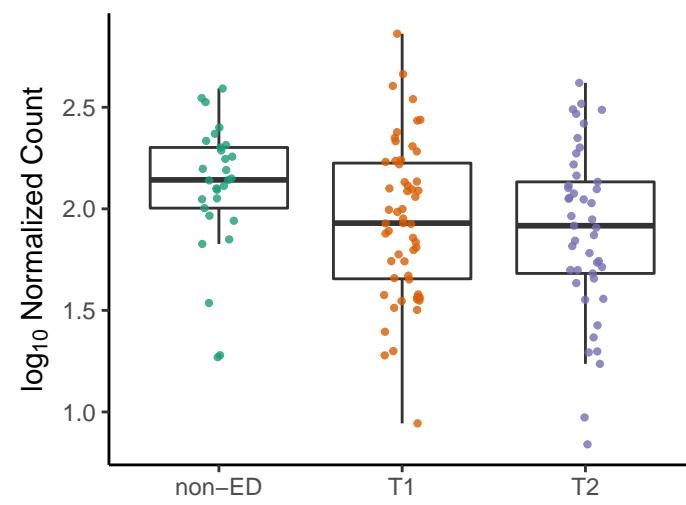
Schaalia

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.8



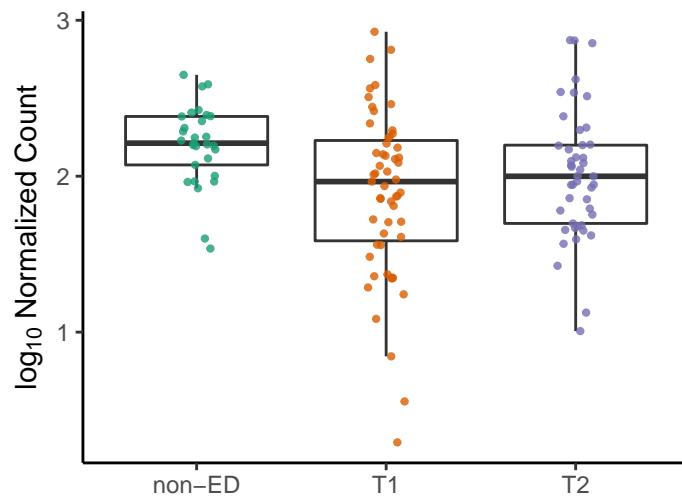
Brochothrix

non-ED vs. T1 adjusted p = 0.065
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.81



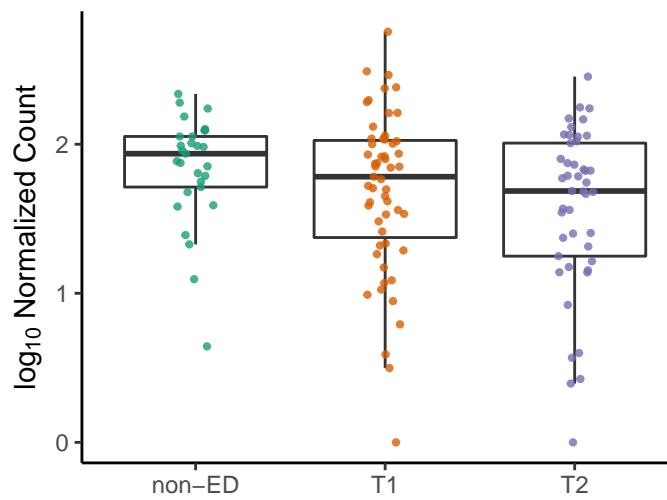
Methylocella

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



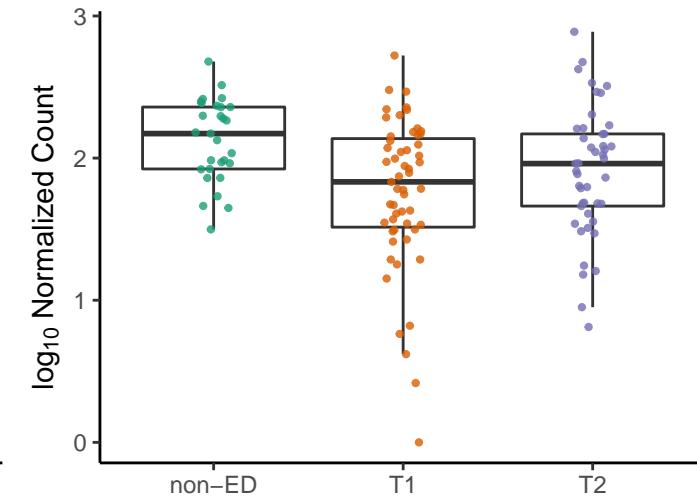
Brevefilum

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.85



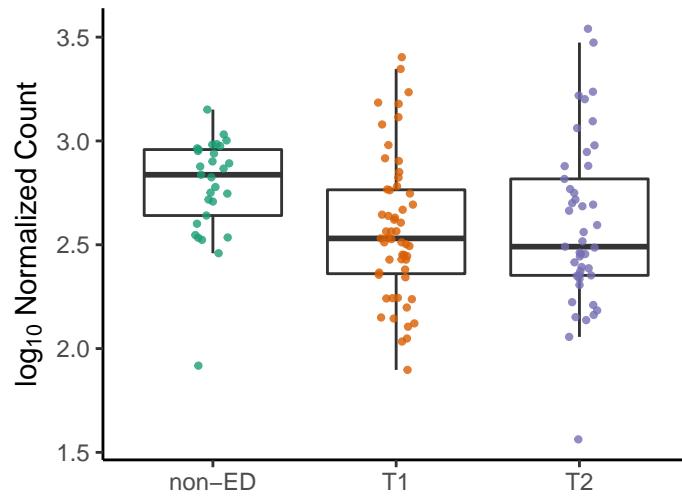
Roseitalea

non-ED vs. T1 adjusted p = 0.003
non-ED vs. T2 adjusted p = 0.034
T1 vs. T2 adjusted p = 0.79



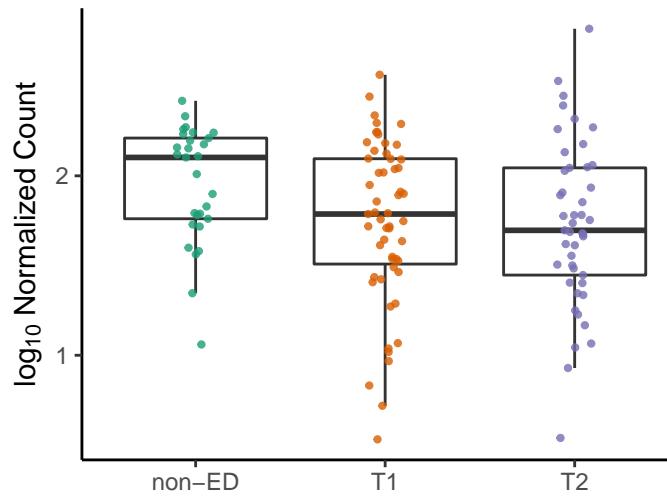
Ruminiclostridium

non-ED vs. T1 adjusted p = 0.009
non-ED vs. T2 adjusted p = 0.035
T1 vs. T2 adjusted p = 0.92



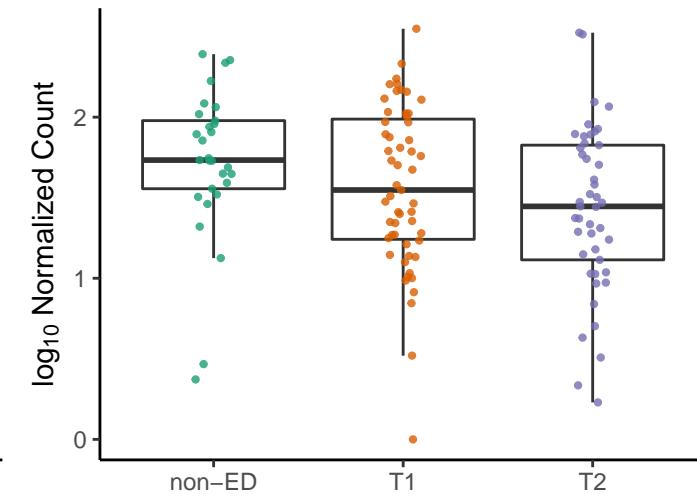
Pseudogulbenkiania

non-ED vs. T1 adjusted p = 0.034
non-ED vs. T2 adjusted p = 0.035
T1 vs. T2 adjusted p = 1



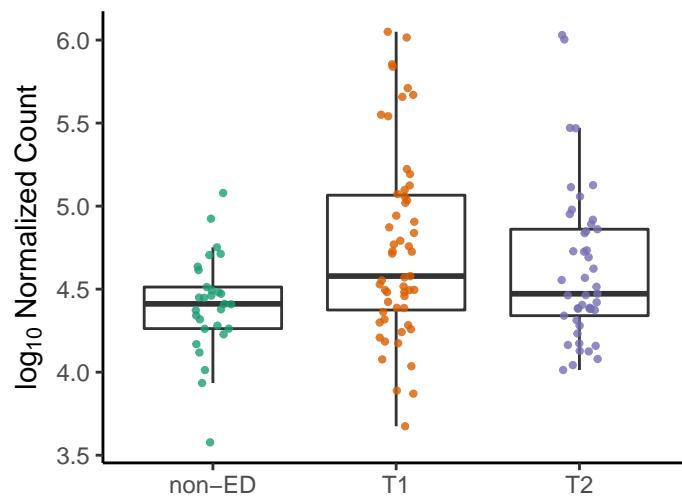
Ureaplasma

non-ED vs. T1 adjusted p = 0.22
non-ED vs. T2 adjusted p = 0.035
T1 vs. T2 adjusted p = 0.79



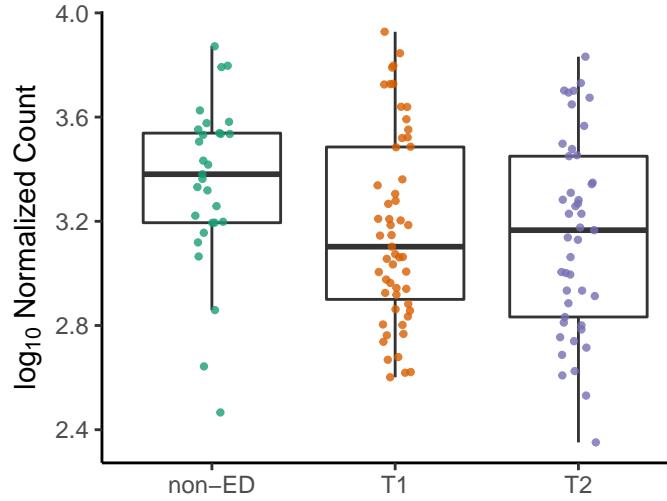
Enterocloster

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.035
T1 vs. T2 adjusted p = 0.79



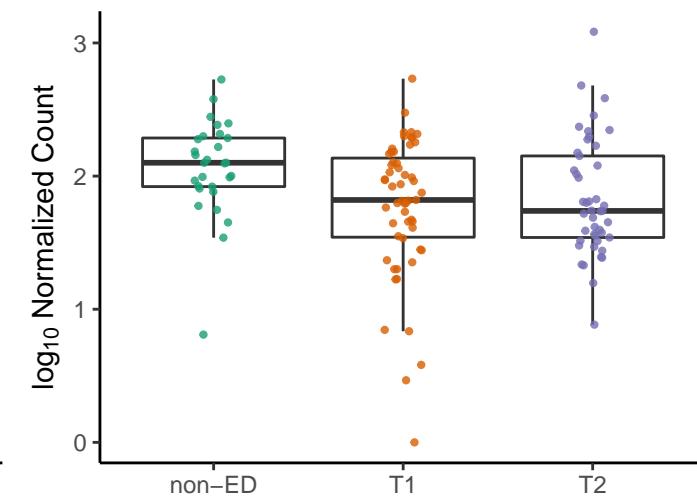
Mycoplasma

non-ED vs. T1 adjusted p = 0.043
non-ED vs. T2 adjusted p = 0.035
T1 vs. T2 adjusted p = 0.87



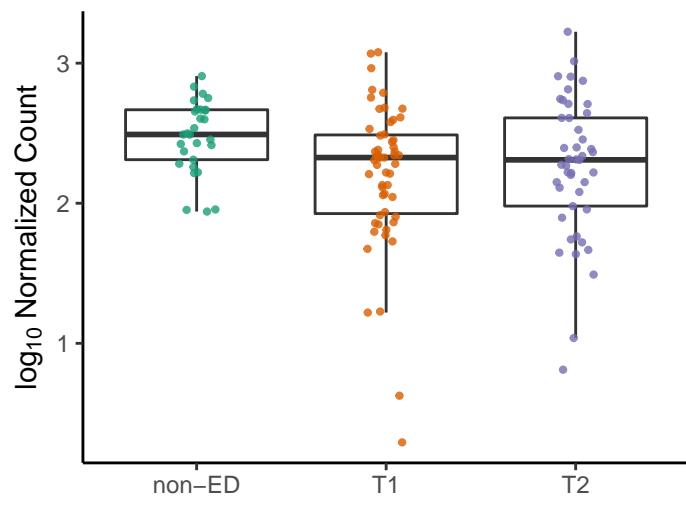
Unclassified Thermoplasmata Class

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.79



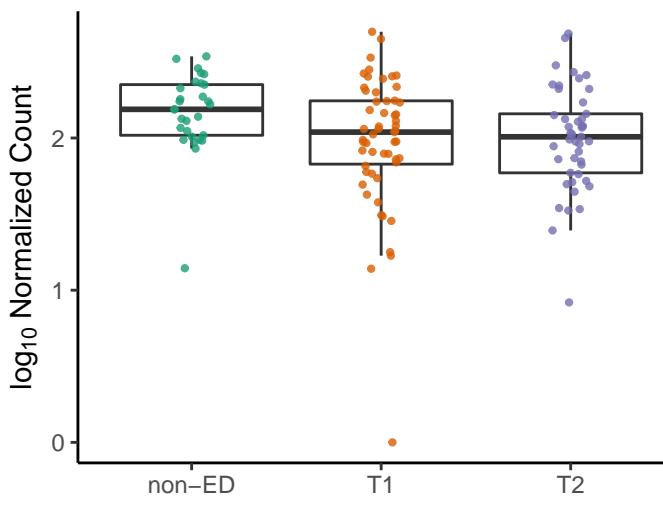
Halorubrum

non-ED vs. T1 adjusted p = 0.0077
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.79



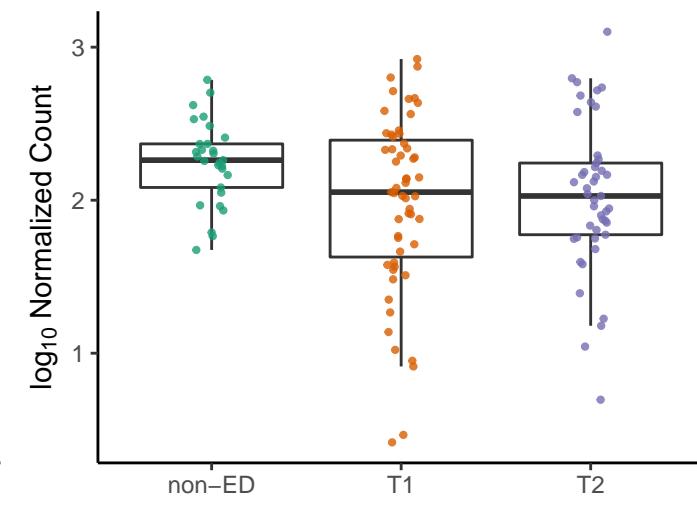
Nesterenkonia

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.88



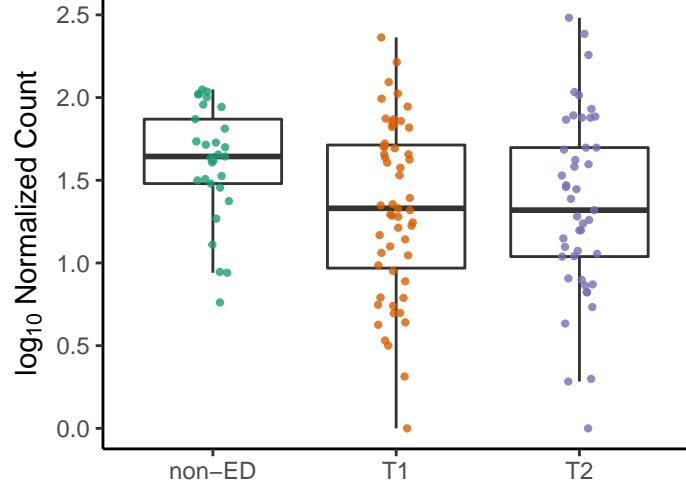
Xanthobacter

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.79



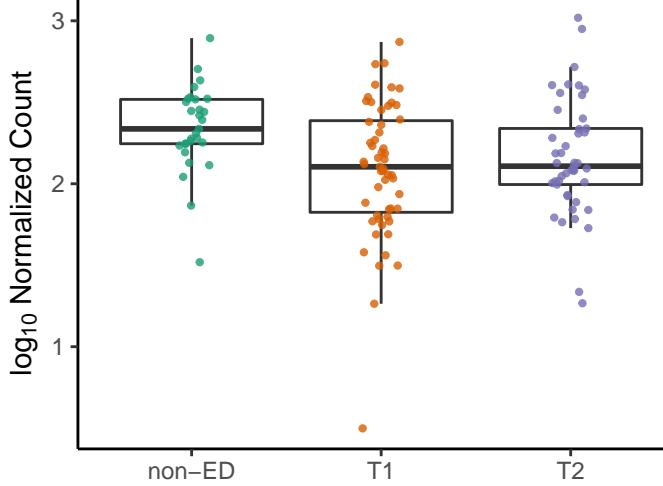
Halapricum

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.91



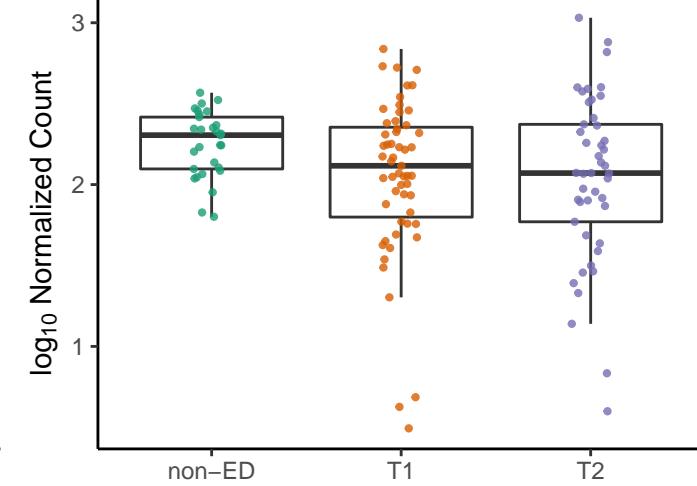
Desulfobacterium

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.79



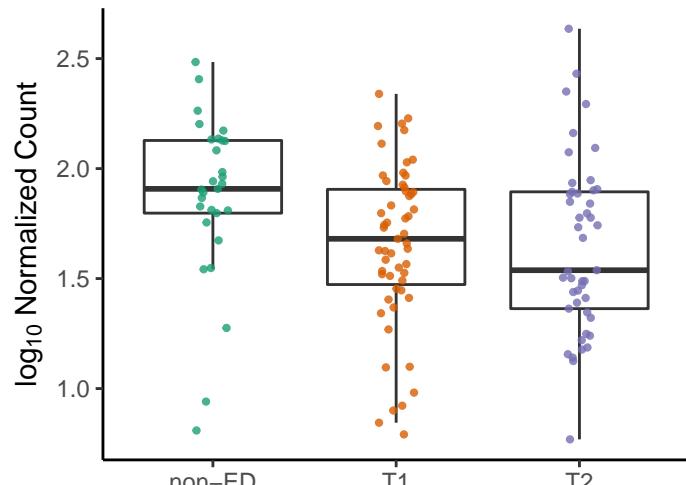
Nordella

non-ED vs. T1 adjusted p = 0.021
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.87



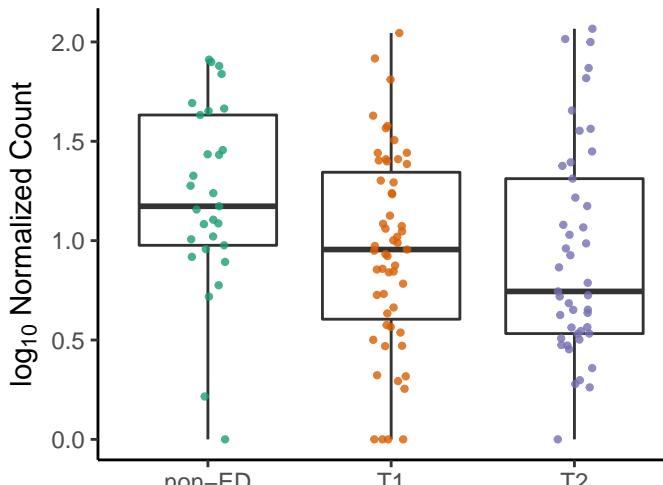
Rivularia

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.9



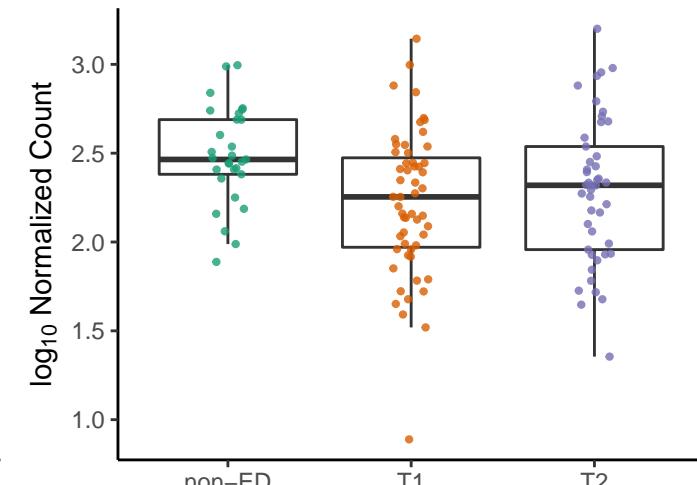
Wigglesworthia

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.036
T1 vs. T2 adjusted p = 0.92



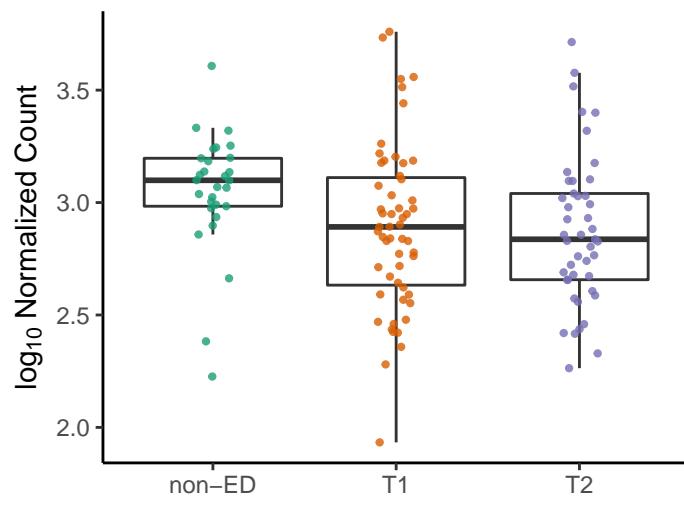
Acidihalobacter

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.037
T1 vs. T2 adjusted p = 0.79



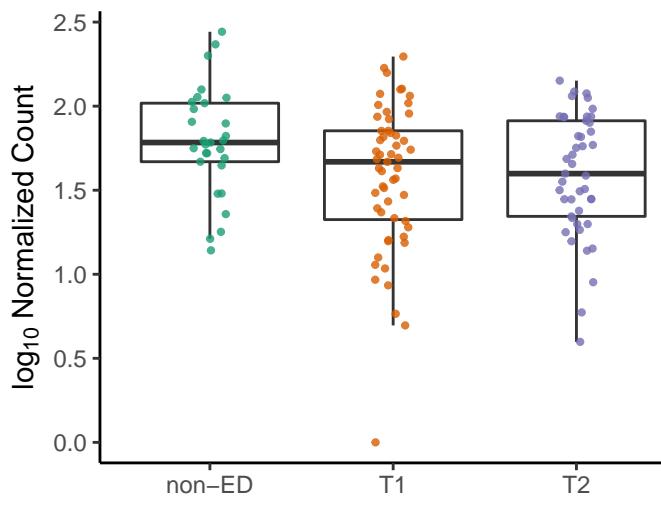
Peptoniphilus

non-ED vs. T1 adjusted p = 0.048
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.98



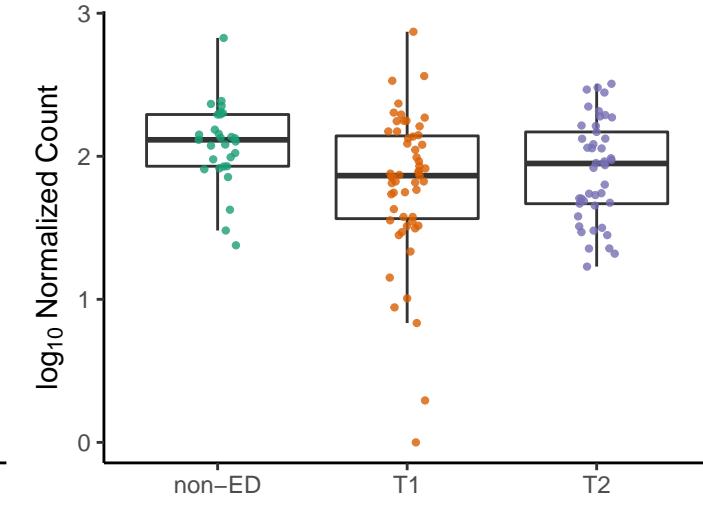
Athalassotoga

non-ED vs. T1 adjusted p = 0.027
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.94



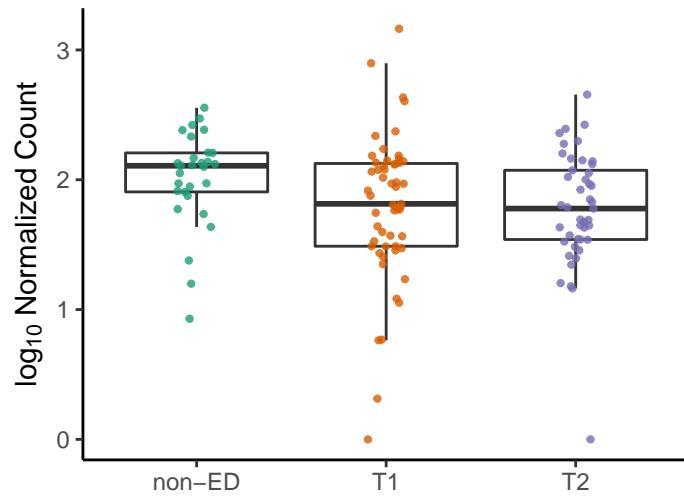
Denitratisoma

non-ED vs. T1 adjusted p = 0.0078
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.79



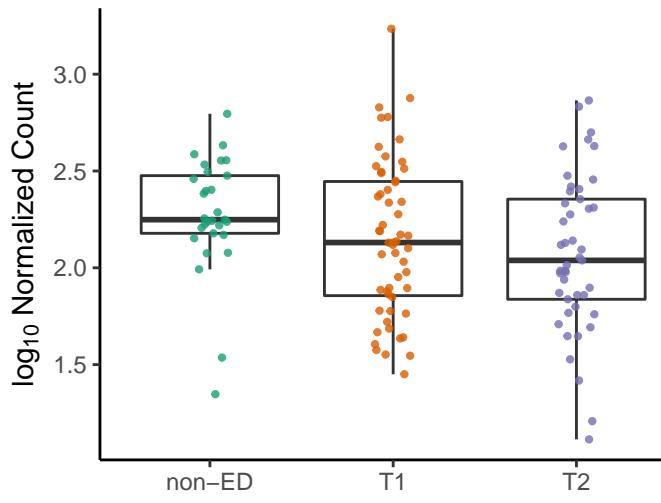
Aromatoleum

non-ED vs. T1 adjusted p = 0.057
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.99



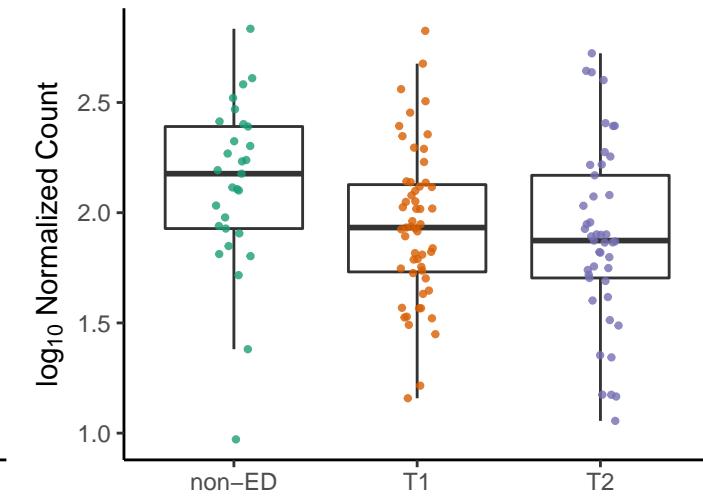
Algibacter

non-ED vs. T1 adjusted p = 0.15
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.79



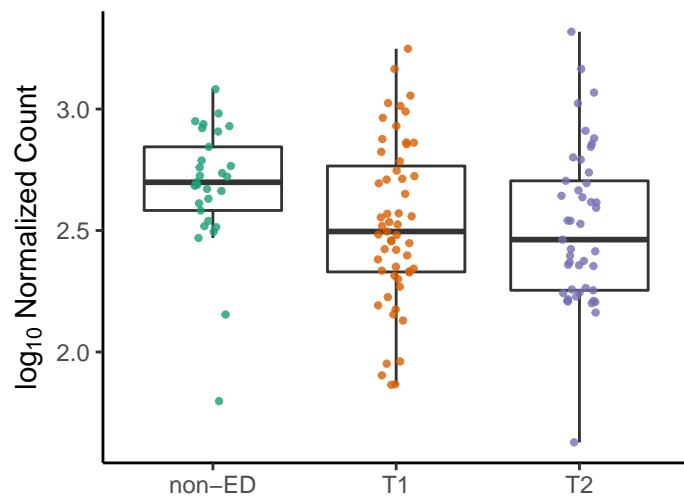
Sulfurihydrogenibium

non-ED vs. T1 adjusted p = 0.057
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.83



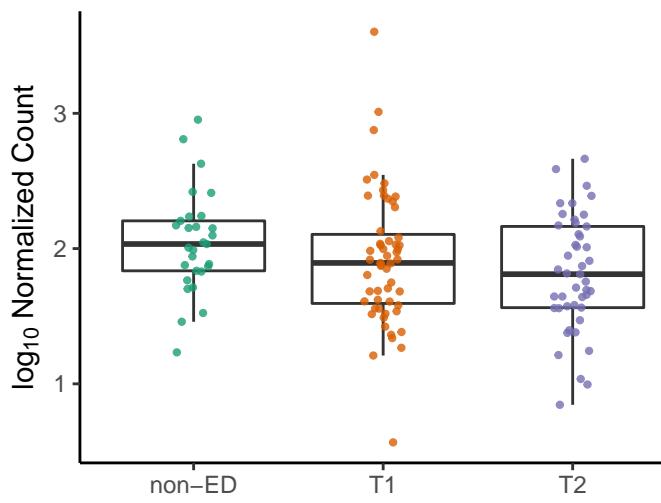
Anoxybacillus

non-ED vs. T1 adjusted p = 0.038
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.97



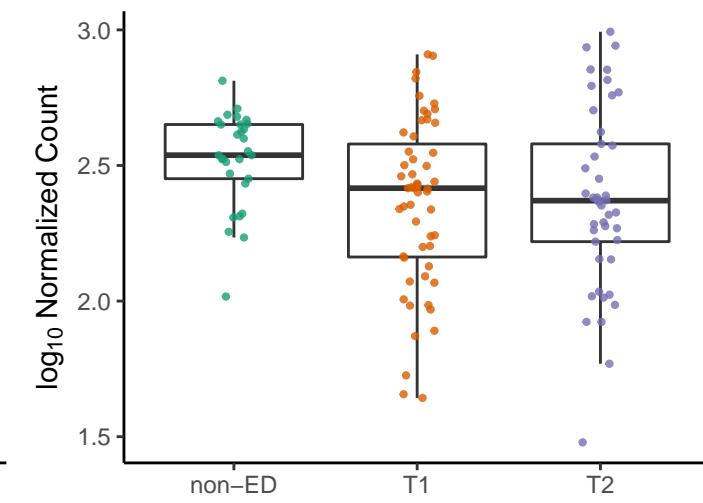
Atlantibacter

non-ED vs. T1 adjusted p = 0.23
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.82



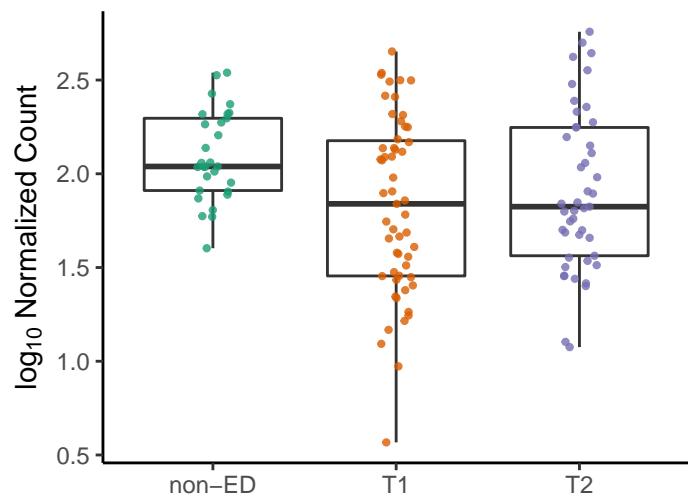
Cellvibrio

non-ED vs. T1 adjusted p = 0.011
 non-ED vs. T2 adjusted p = 0.037
 T1 vs. T2 adjusted p = 0.92



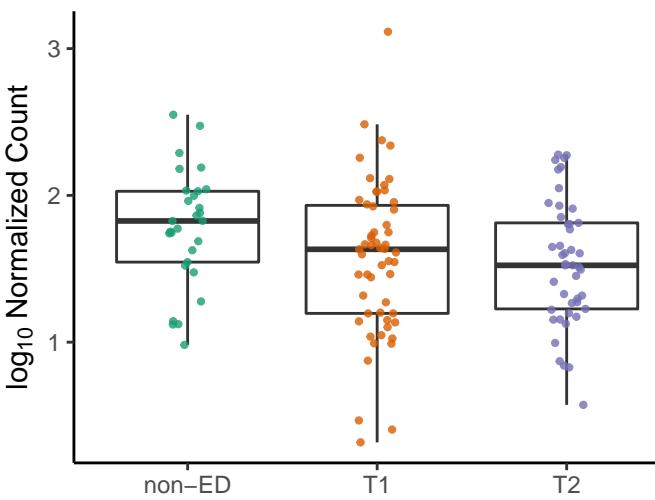
Methylacidiphilum

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



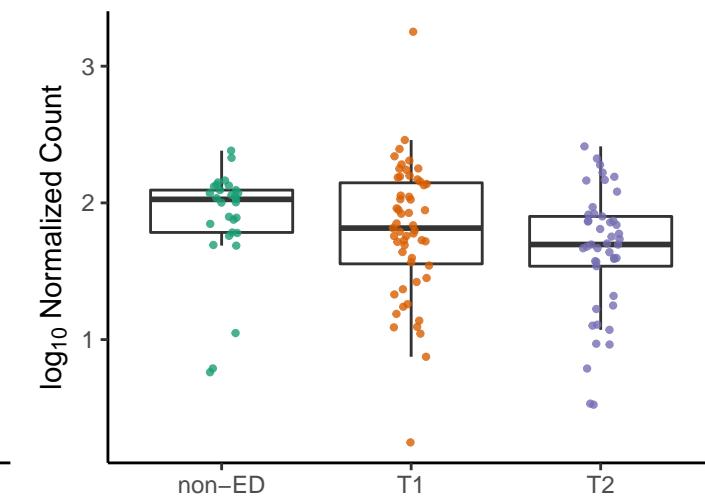
Turneriella

non-ED vs. T1 adjusted p = 0.071
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 1



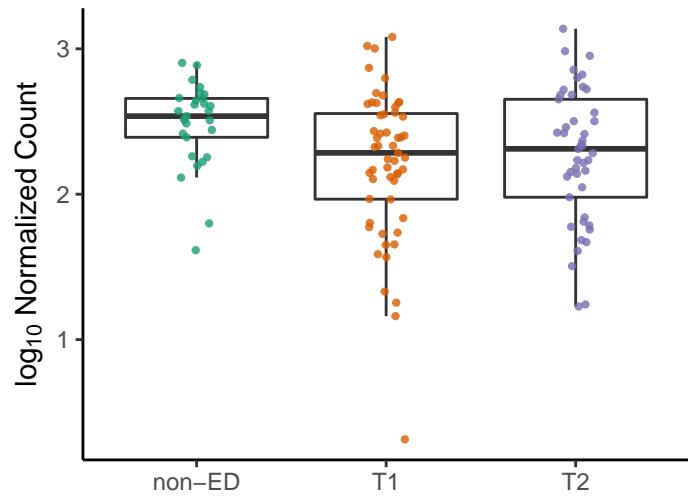
Candidatus Azobacteroides

non-ED vs. T1 adjusted p = 0.4
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.69



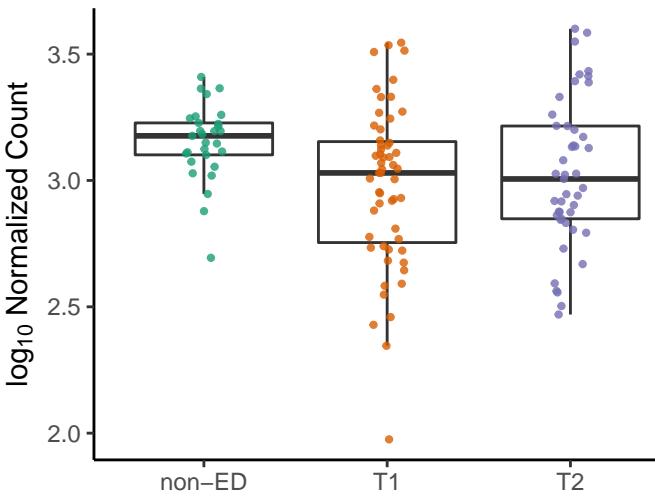
Desulfarculus

non-ED vs. T1 adjusted p = 0.0093
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



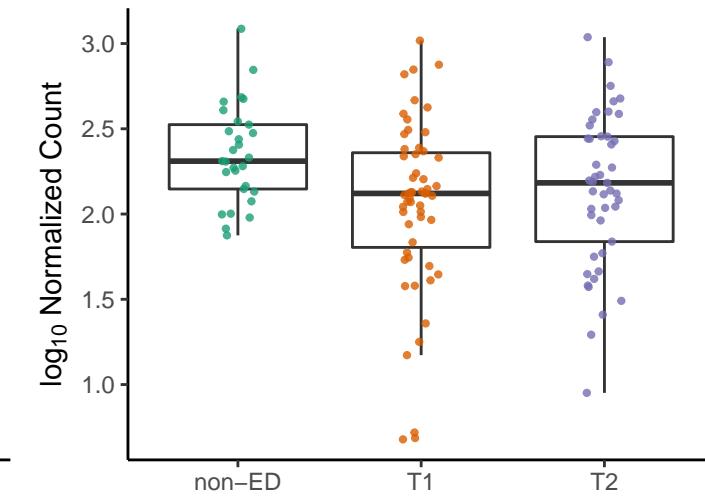
Marinobacter

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



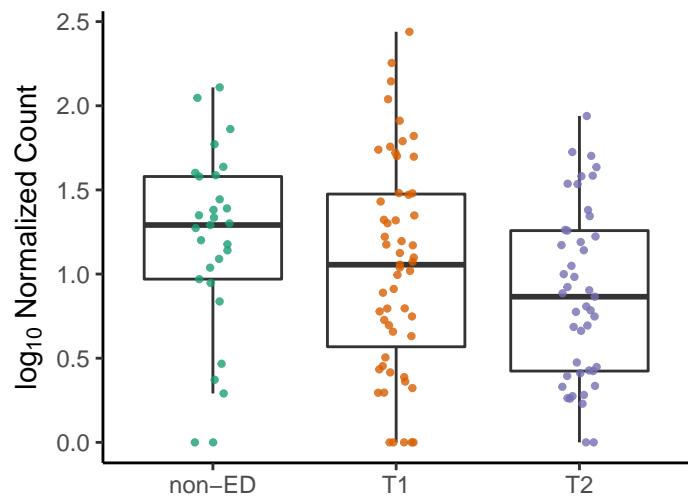
Chondromyces

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



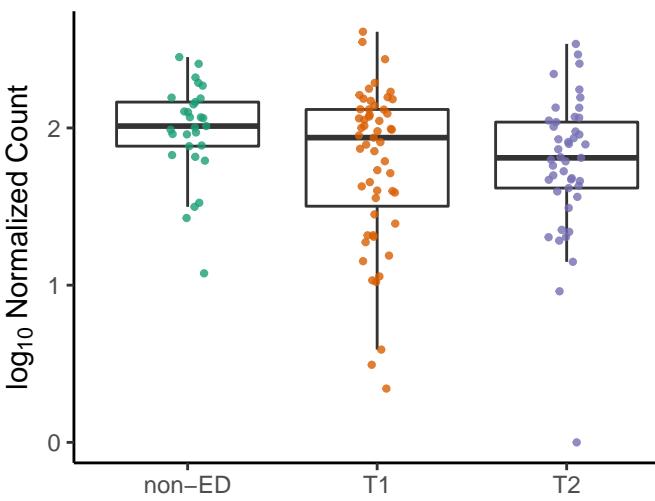
Candidatus Ruthia

non-ED vs. T1 adjusted p = 0.31
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



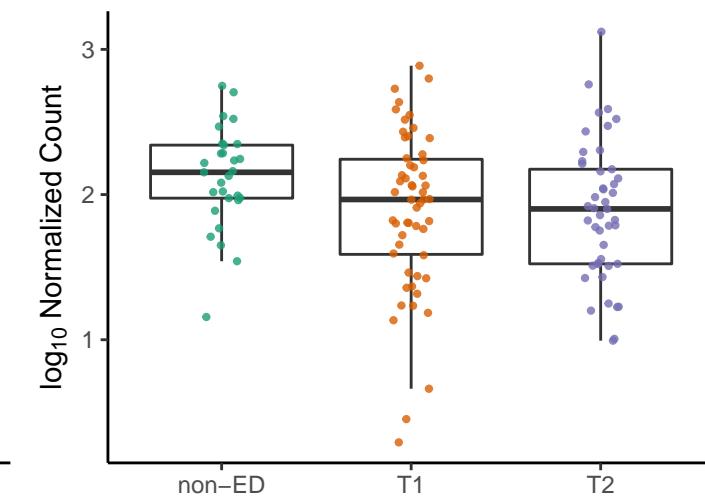
Desulfobacca

non-ED vs. T1 adjusted p = 0.035
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.96



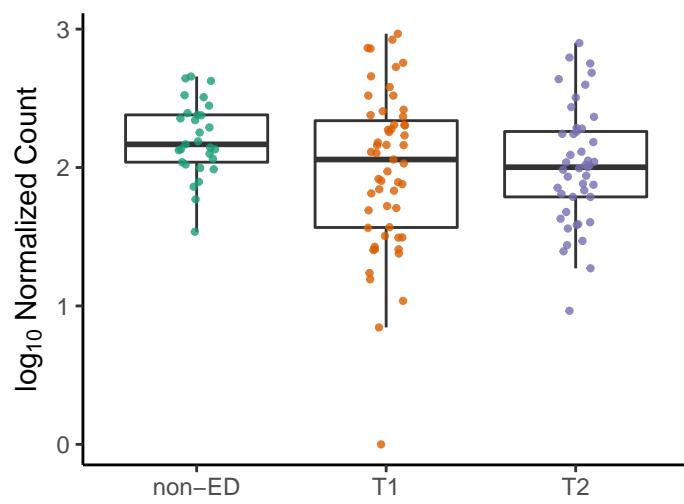
Thermobispora

non-ED vs. T1 adjusted p = 0.042
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.91



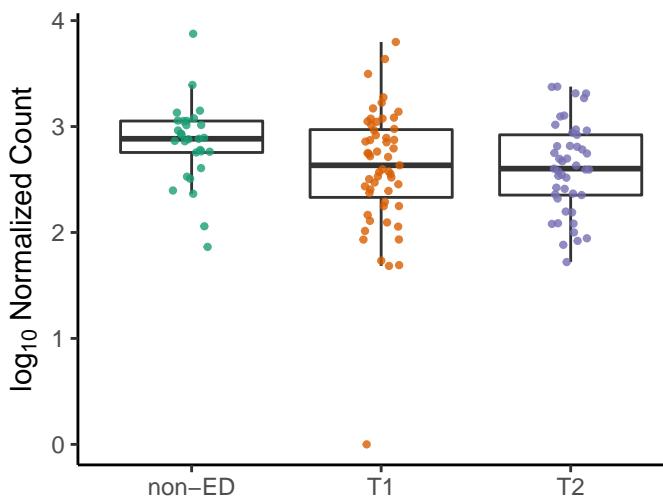
Unclassified Myxococcaceae Family

non-ED vs. T1 adjusted p = 0.033
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



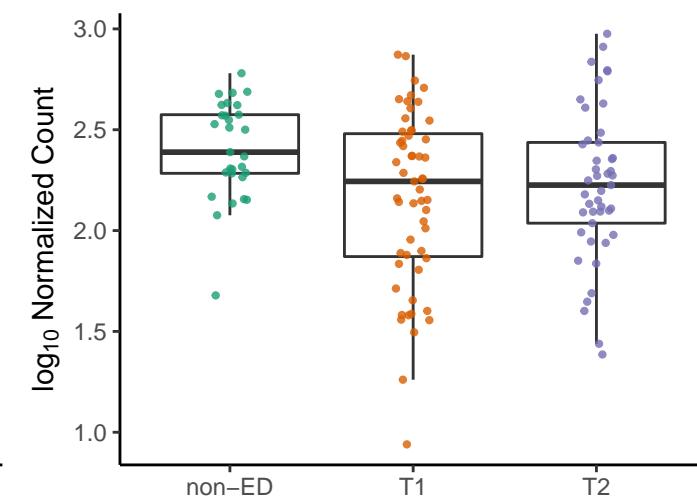
Phoenicibacter

non-ED vs. T1 adjusted p = 0.045
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.81



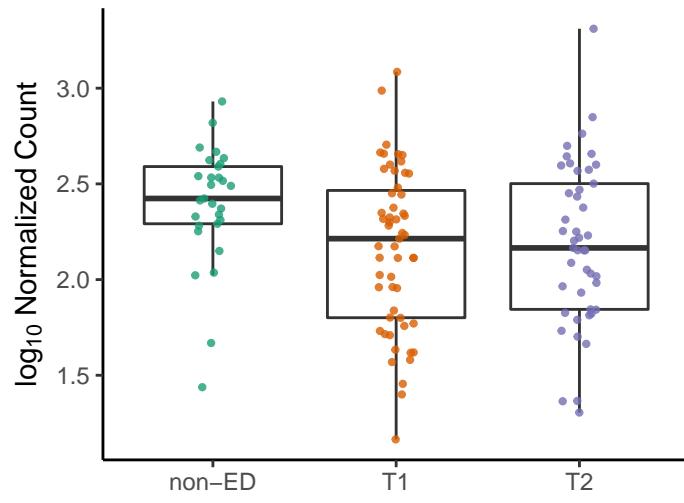
Aminobacter

non-ED vs. T1 adjusted p = 0.0066
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.79



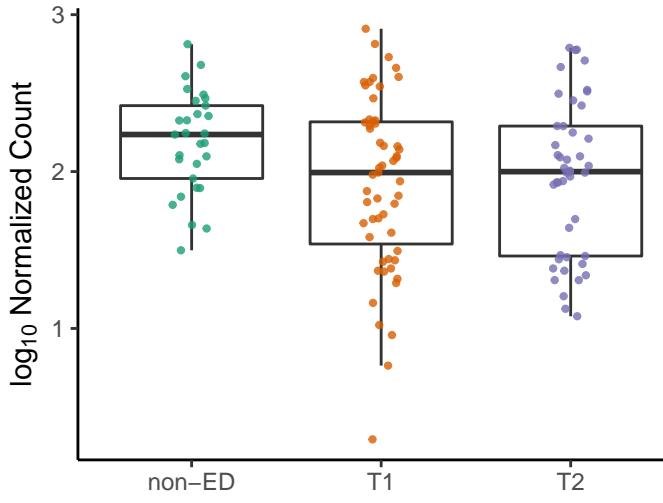
Jeotgalibacillus

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.85



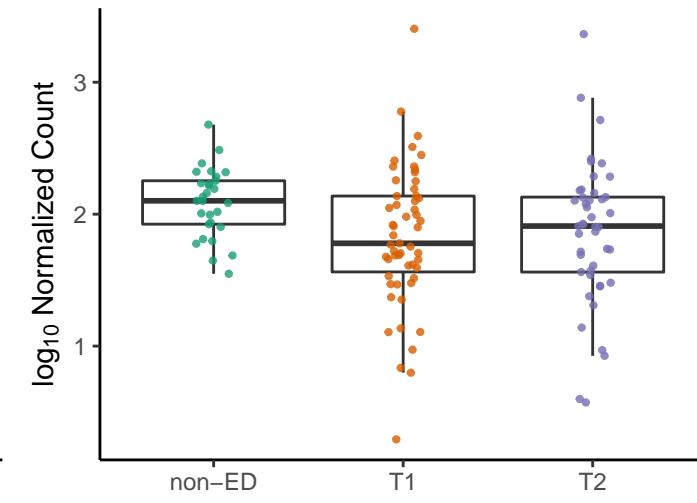
Pimelobacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.038
T1 vs. T2 adjusted p = 0.89



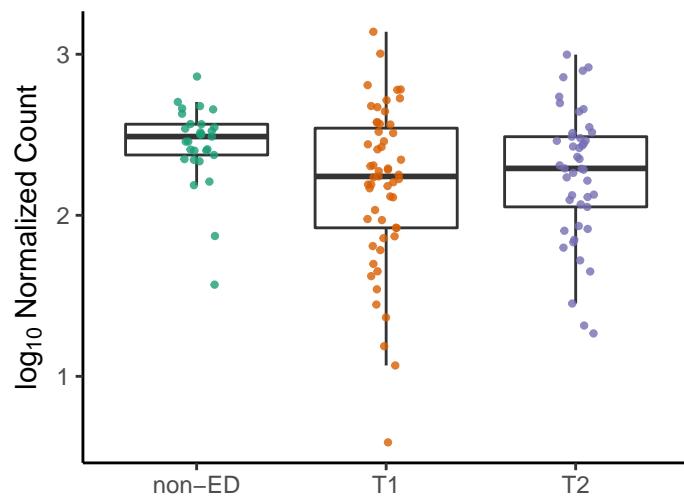
Hartmannibacter

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.93



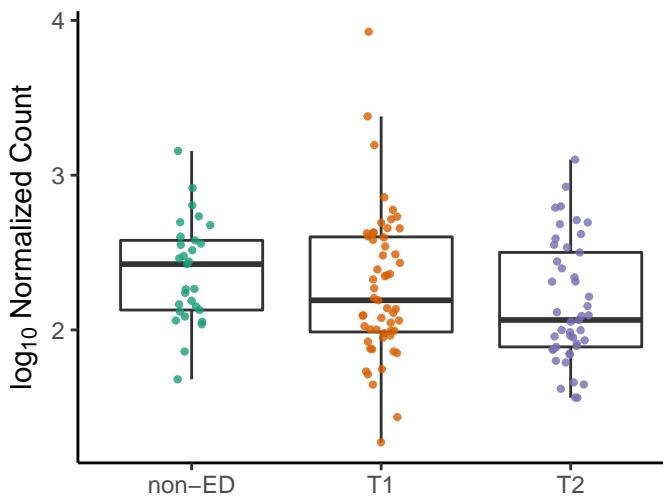
Cystobacter

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



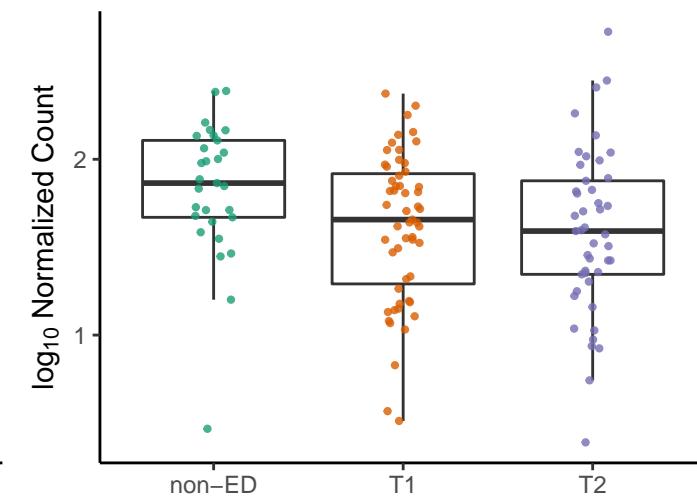
Kluyvera

non-ED vs. T1 adjusted p = 0.3
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.8



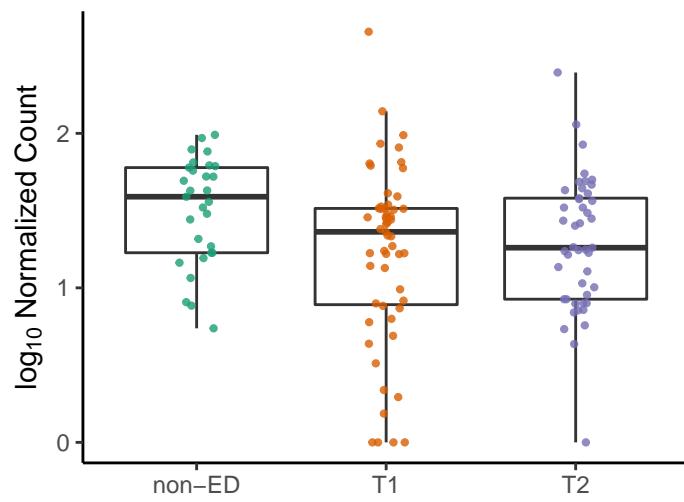
Defluviitoga

non-ED vs. T1 adjusted p = 0.04
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.99



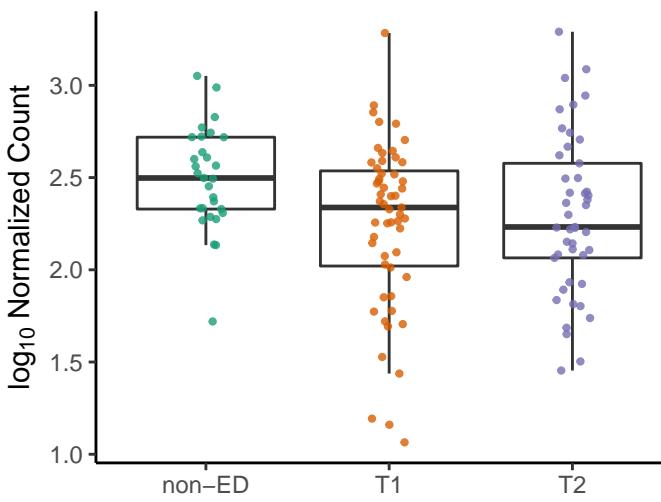
Litoricola

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.81



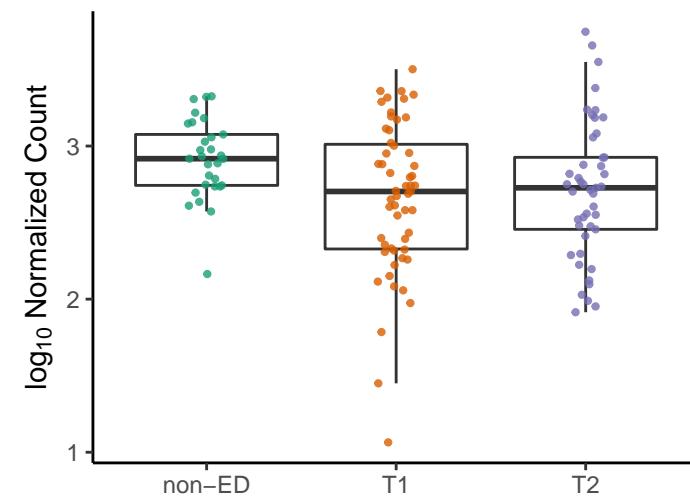
Alienimonas

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



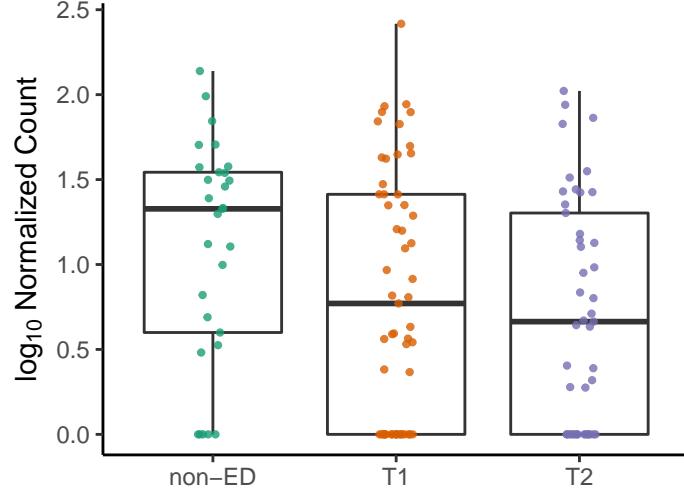
Anaeromyxobacter

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



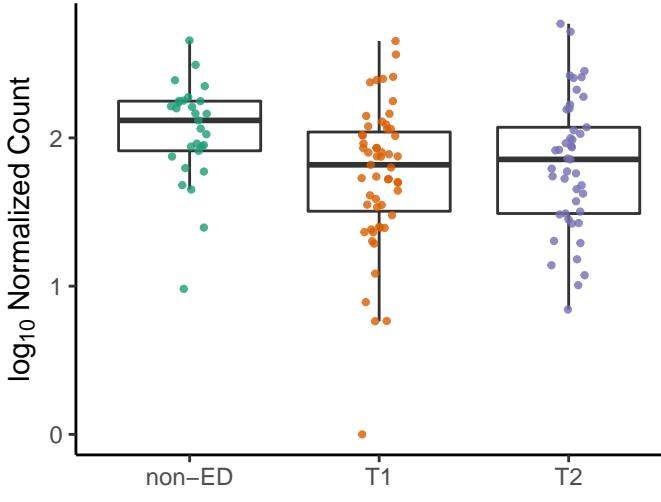
Unclassified Ignavibacterales Order

non-ED vs. T1 adjusted p = 0.12
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



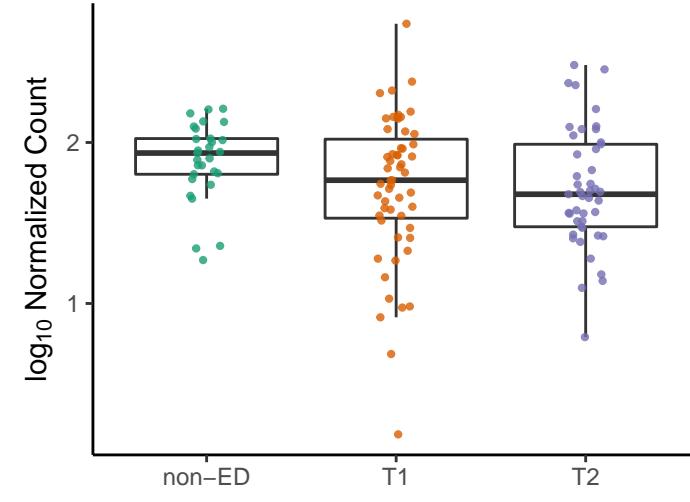
Allochromatium

non-ED vs. T1 adjusted p = 0.0074
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



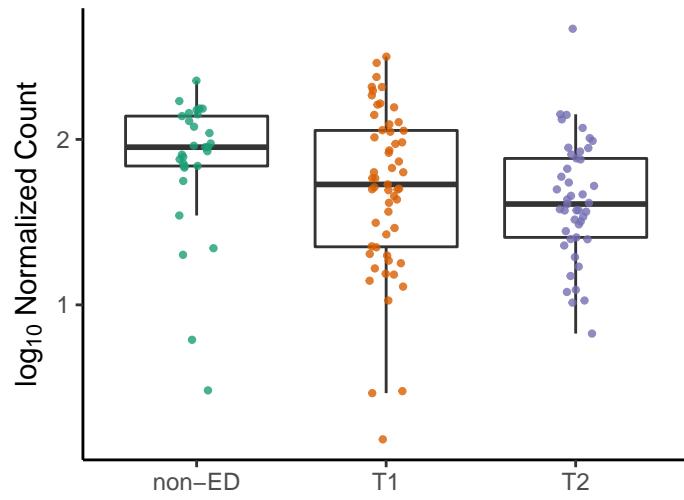
Bremerella

non-ED vs. T1 adjusted p = 0.059
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.81



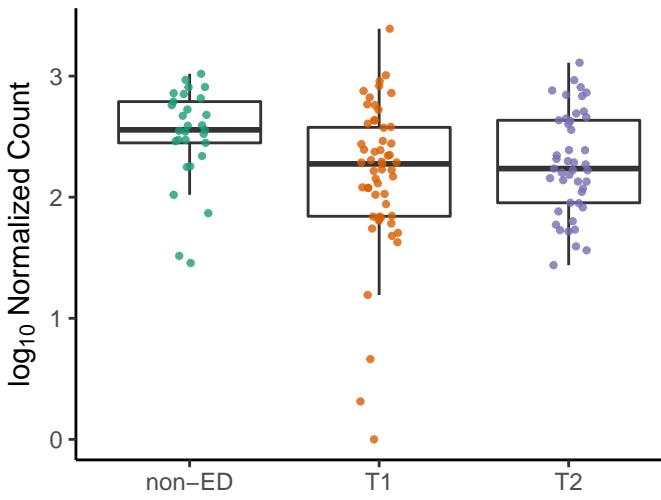
Sphaerospermopsis

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.82



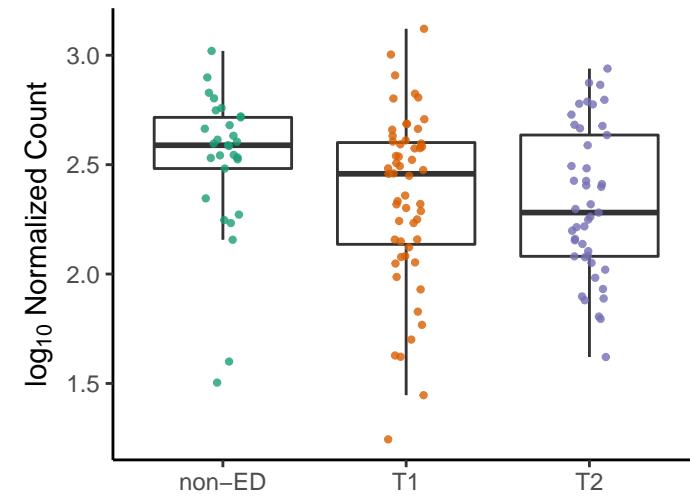
Agrococcus

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.039
T1 vs. T2 adjusted p = 0.79



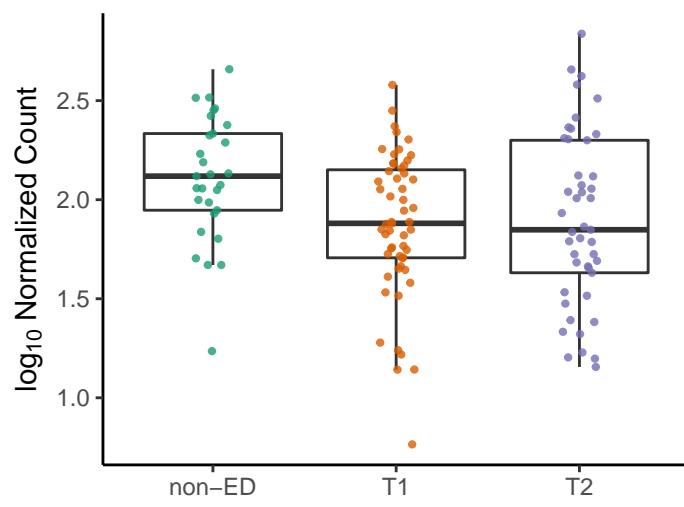
Cellulophaga

non-ED vs. T1 adjusted p = 0.067
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



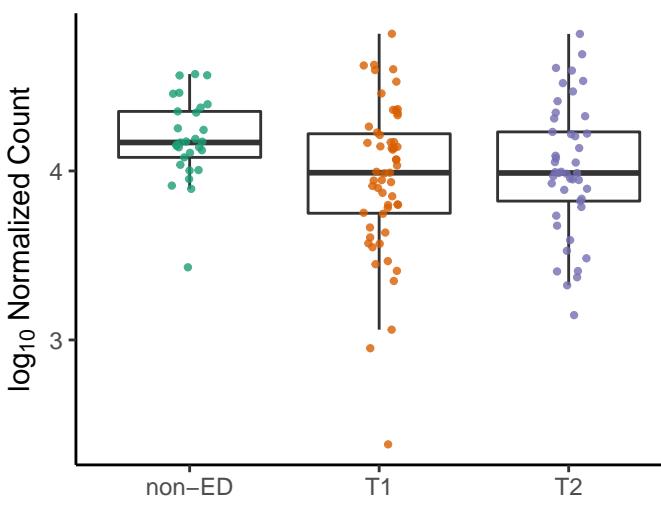
Sporisorium

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.81



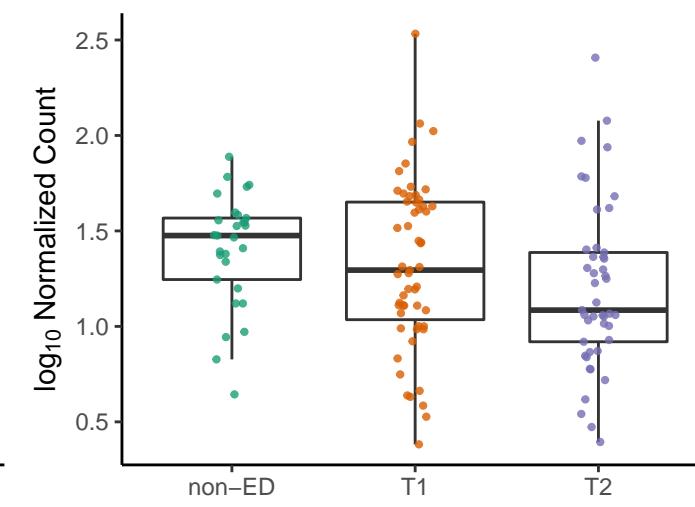
Unclassified Actinobacteria Class

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



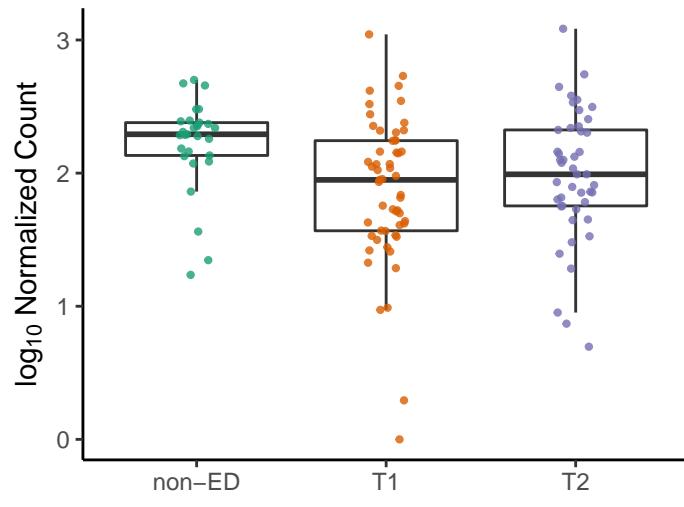
Saccharophagus

non-ED vs. T1 adjusted p = 0.36
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



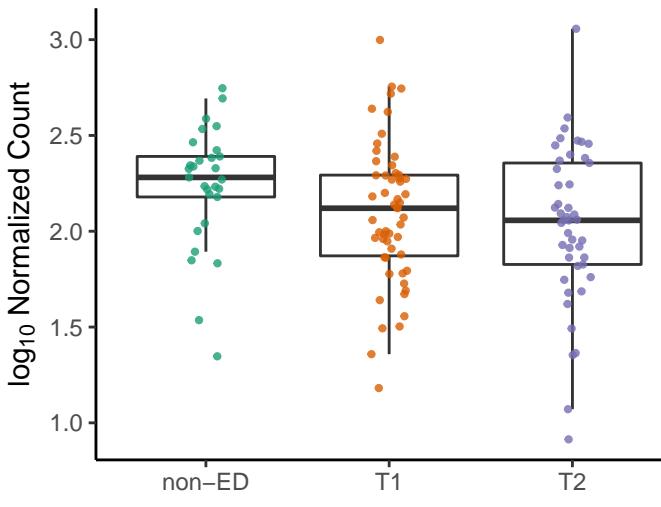
Hylemonella

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



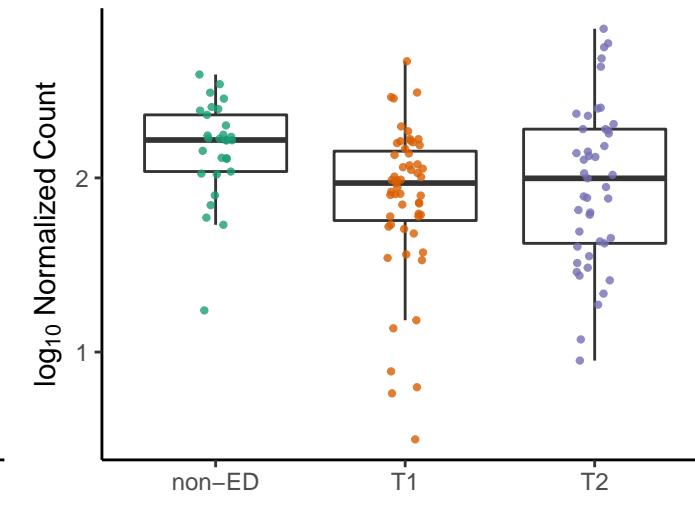
Cyclobacterium

non-ED vs. T1 adjusted p = 0.098
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



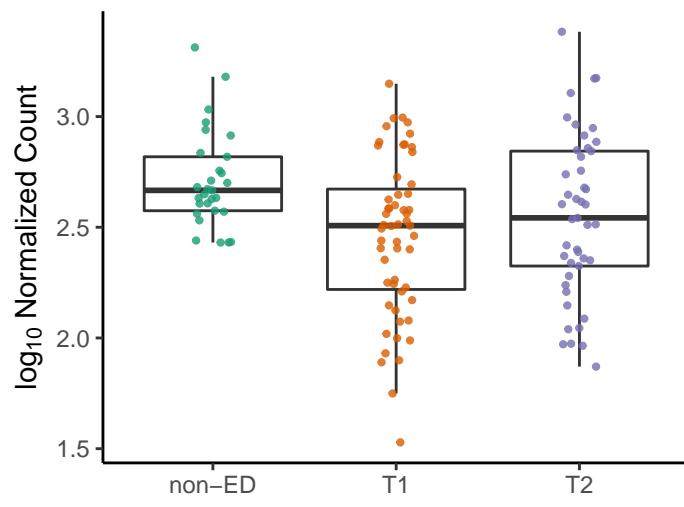
Planctopirus

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.04
T1 vs. T2 adjusted p = 0.79



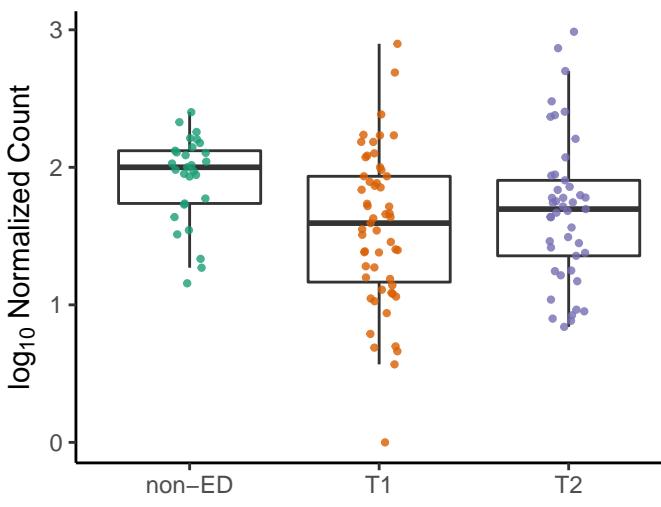
Saccharibacillus

non-ED vs. T1 adjusted p = 0.0031
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.79



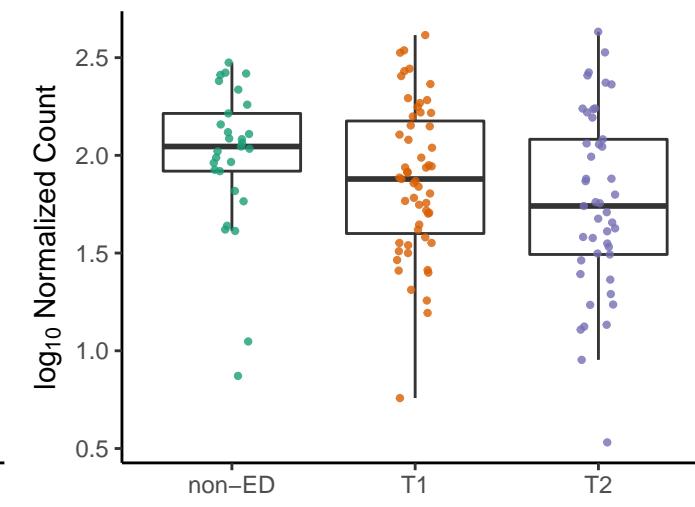
Unclassified Chromobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.79



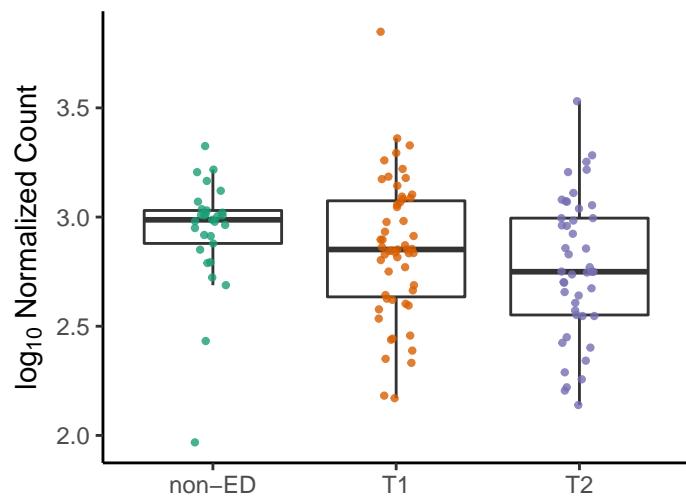
Candidatus Blochmannia

non-ED vs. T1 adjusted p = 0.22
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.79



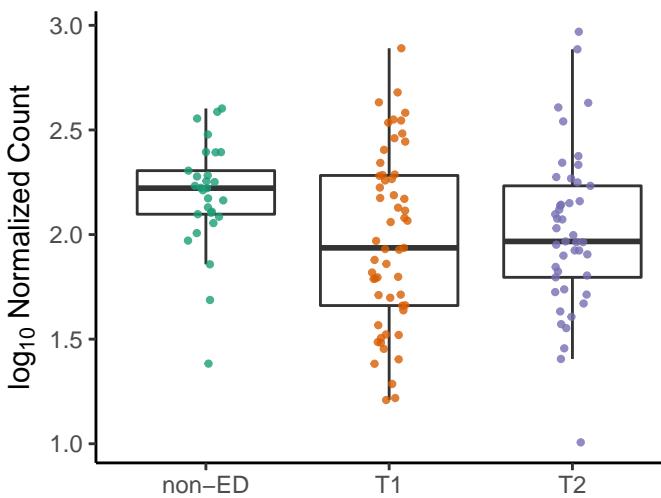
Capnocytophaga

non-ED vs. T1 adjusted p = 0.25
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.79



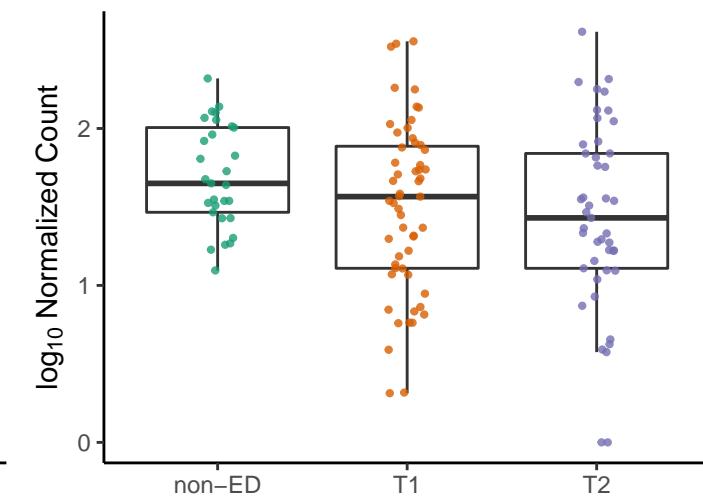
Geovibrio

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.8



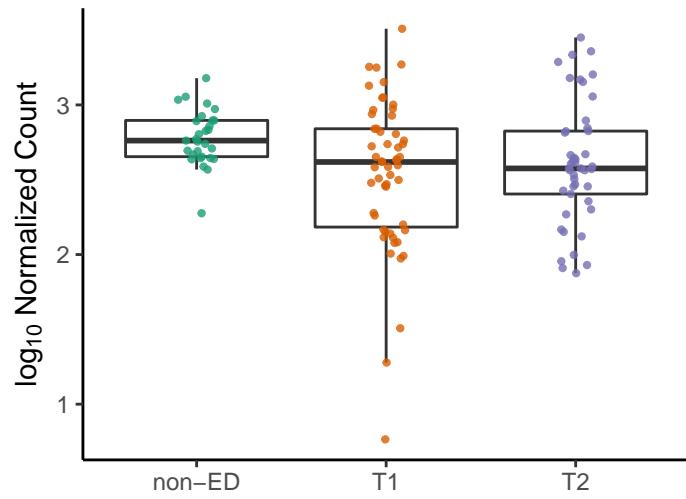
Halovivax

non-ED vs. T1 adjusted p = 0.067
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.94



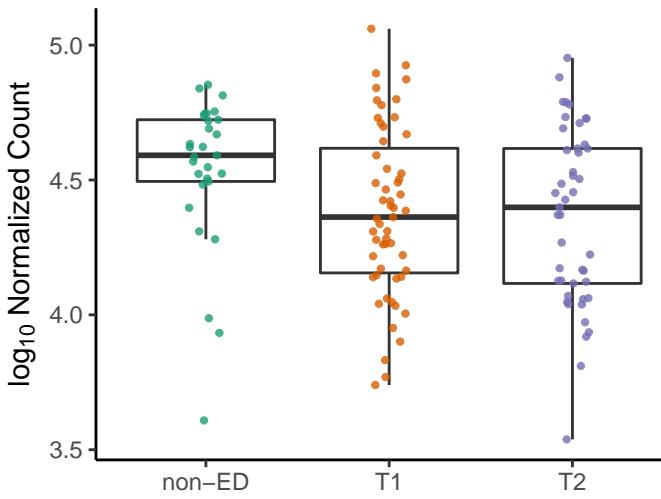
Leifsonia

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.79



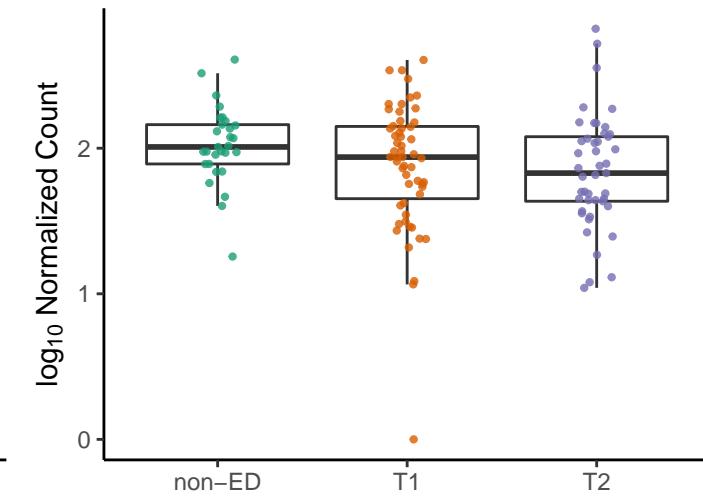
Clostridium

non-ED vs. T1 adjusted p = 0.045
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.91



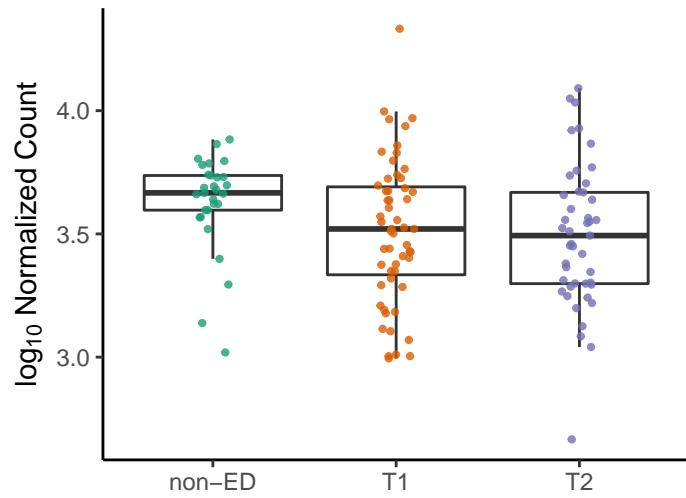
Unclassified Flammelovirgaceae Family

non-ED vs. T1 adjusted p = 0.094
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.81



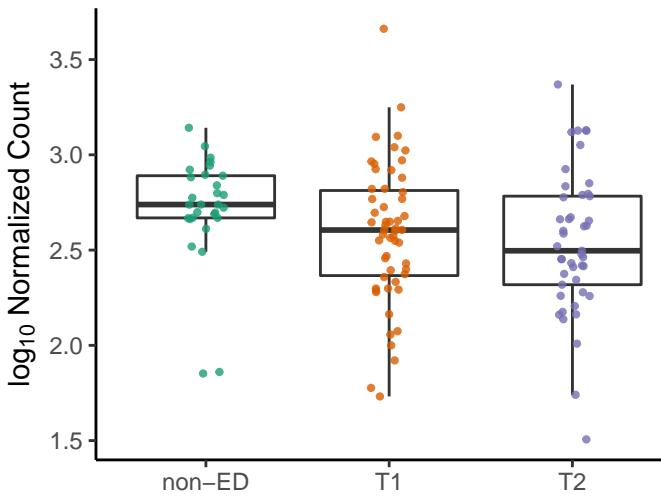
Chryseobacterium

non-ED vs. T1 adjusted p = 0.053
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.9



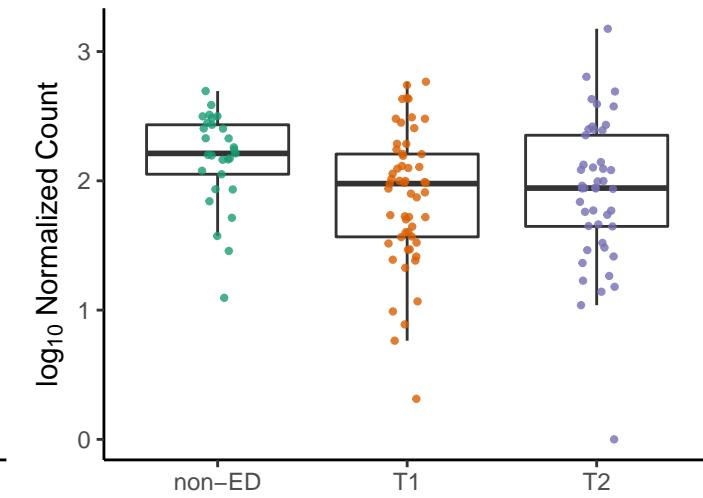
Unclassified Pasteurellaceae Family

non-ED vs. T1 adjusted p = 0.094
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.98



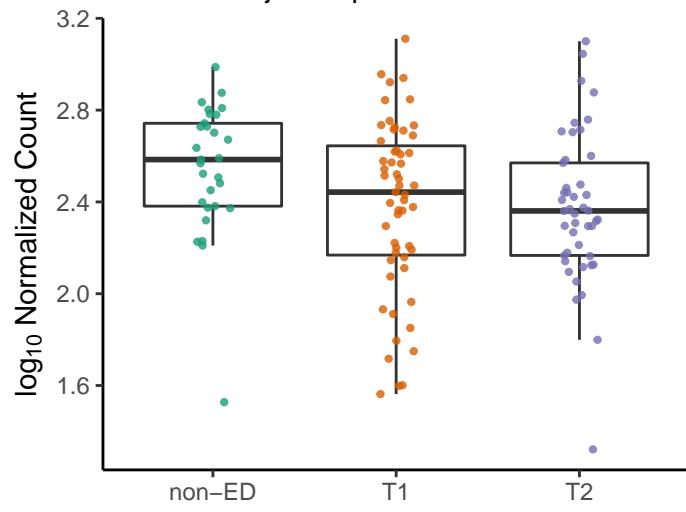
Arsenicicoccus

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.88



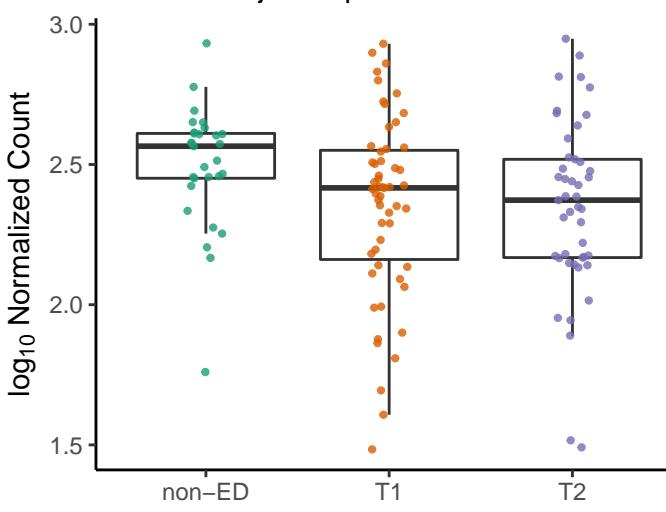
Rufibacter

non-ED vs. T1 adjusted p = 0.052
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 1



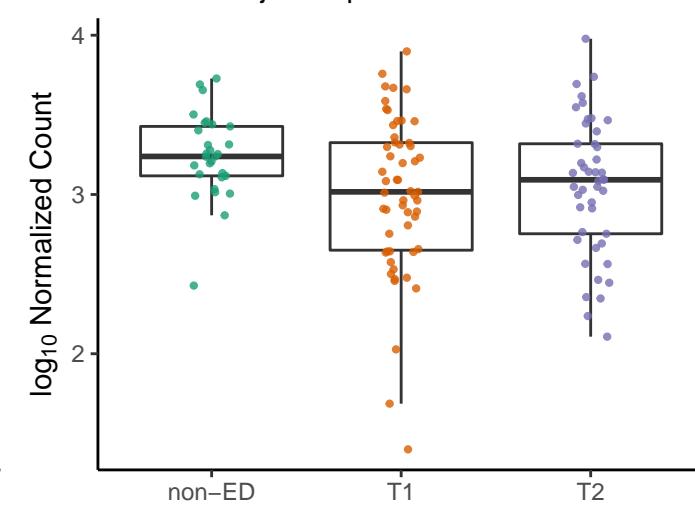
Nitrosomonas

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.92



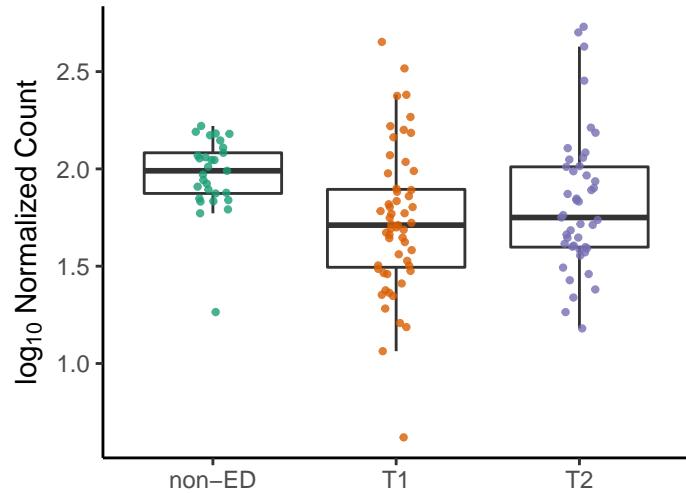
Amycolatopsis

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



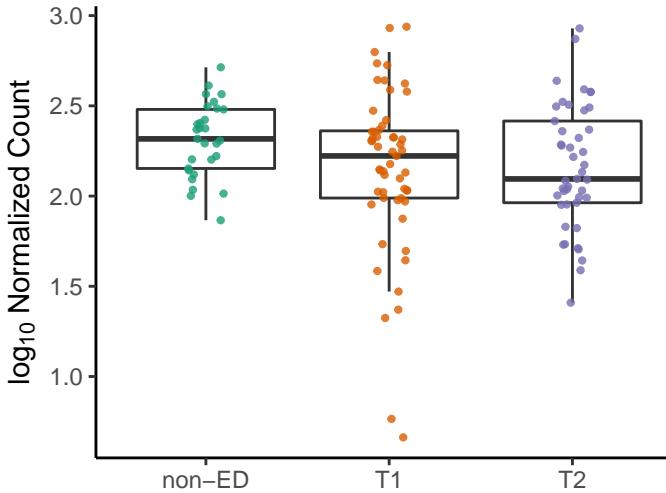
Devriesea

non-ED vs. T1 adjusted p = 0.0034
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



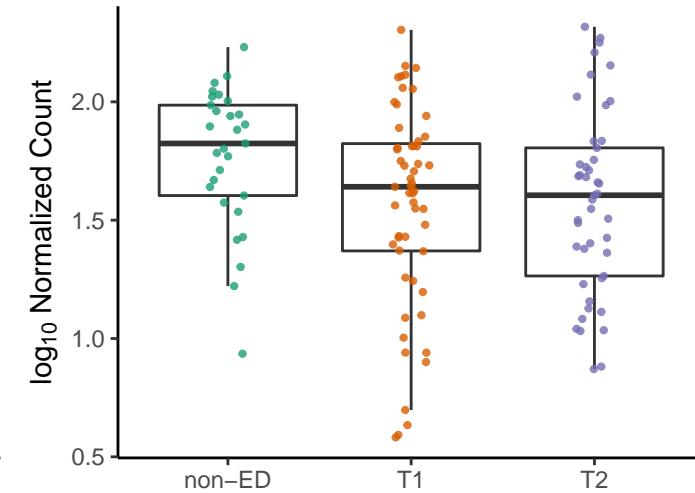
Flaviflexus

non-ED vs. T1 adjusted p = 0.045
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.97



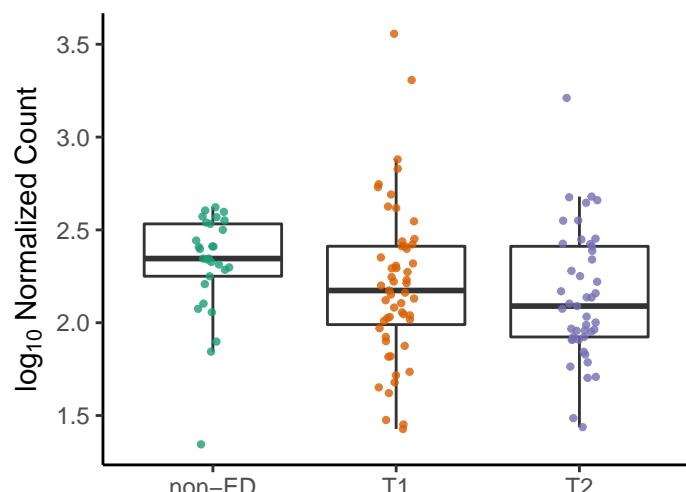
Lonsdalea

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.93



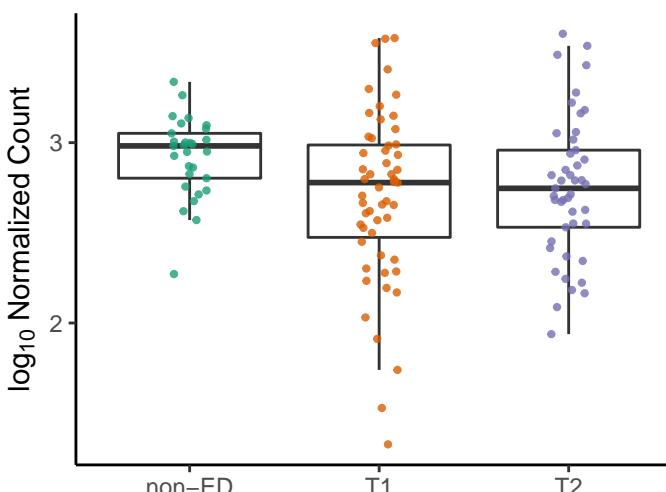
Methanobacterium

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



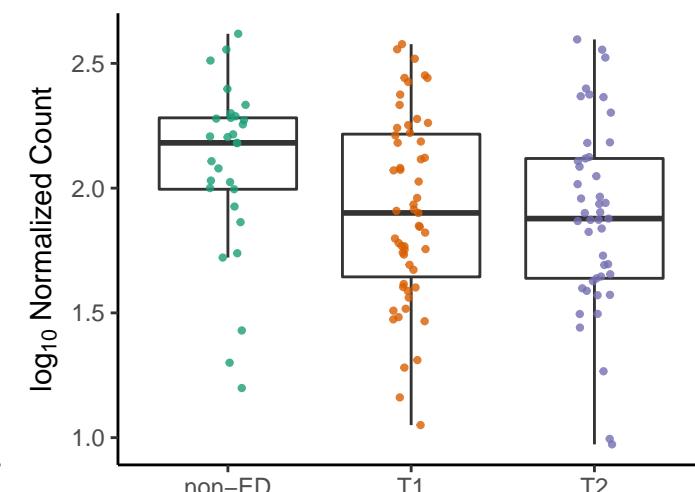
Rubrobacter

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



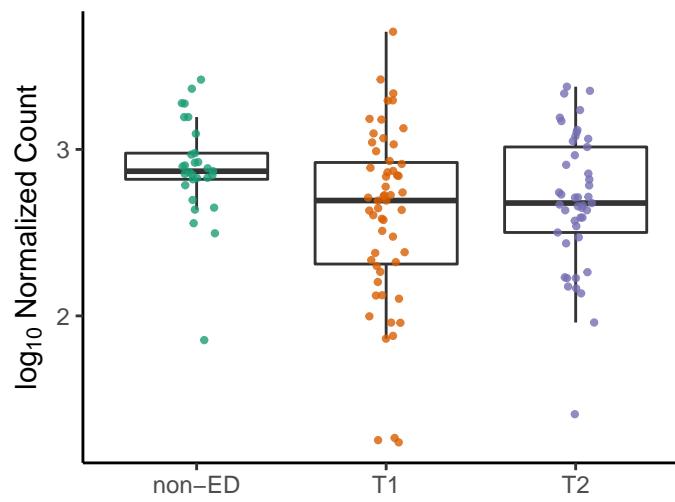
Rummeliibacillus

non-ED vs. T1 adjusted p = 0.06
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.96



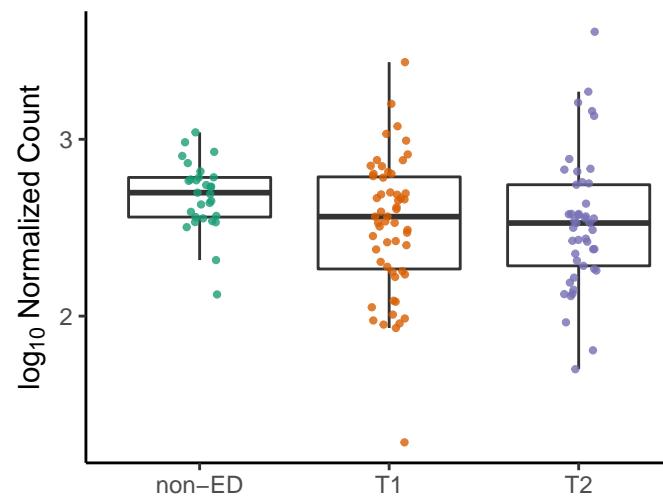
Actinomadura

non-ED vs. T1 adjusted p = 0.0089
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



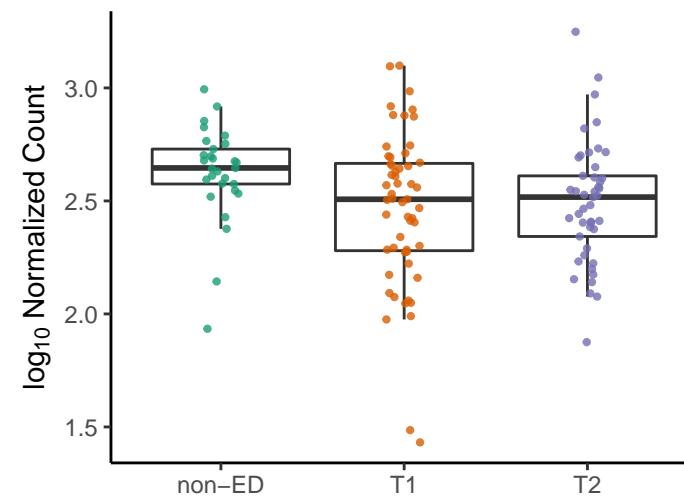
Collimonas

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.85



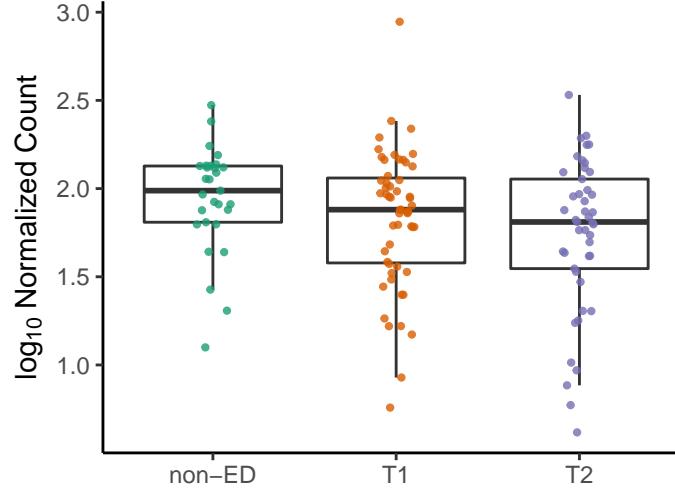
Bdellovibrio

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.85



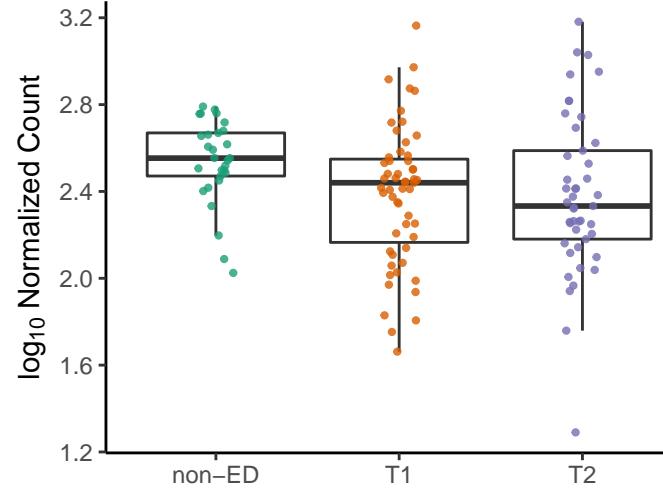
Belliella

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



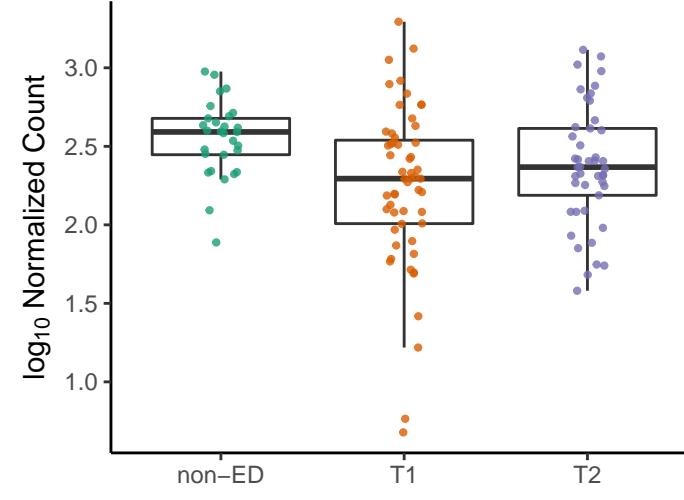
Halobacillus

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.94



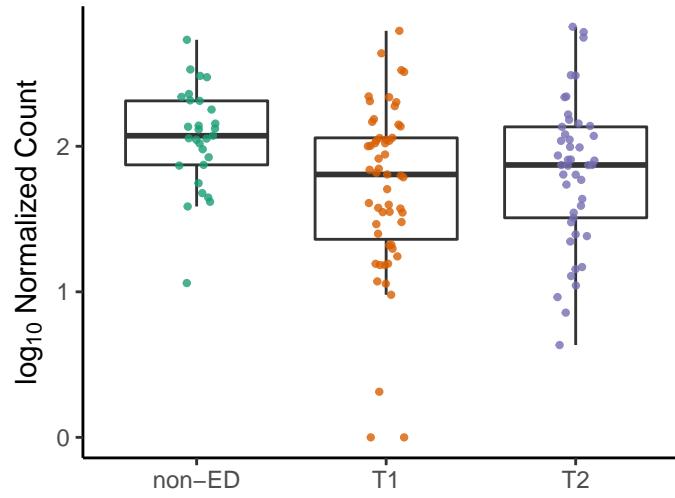
Pigmentiphaga

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



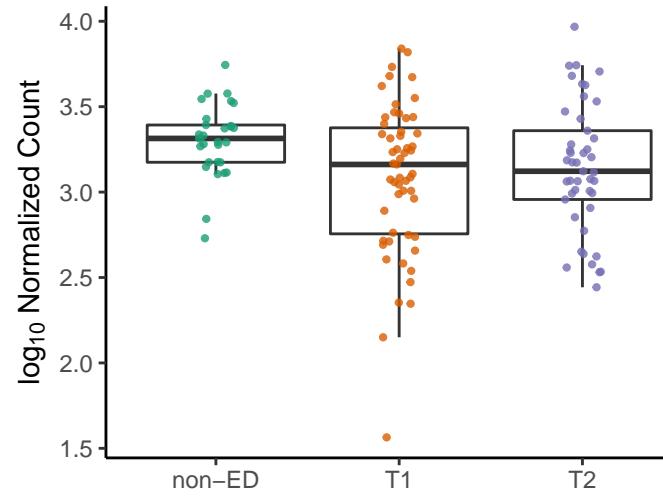
Unclassified Nocardioidaceae Family

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



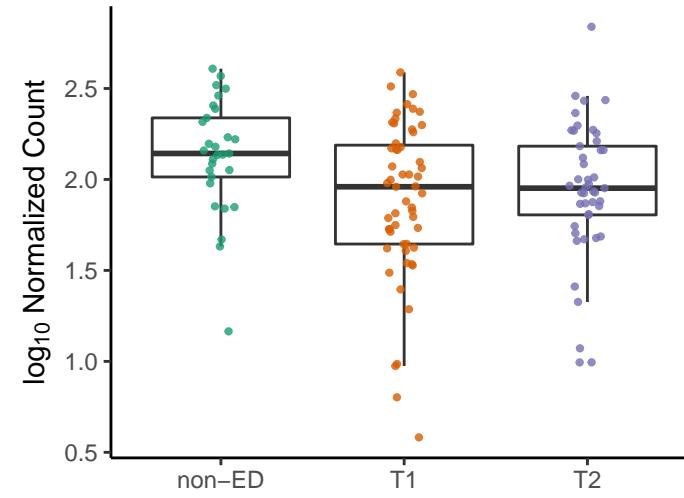
Unclassified Rhodobacteraceae Family

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



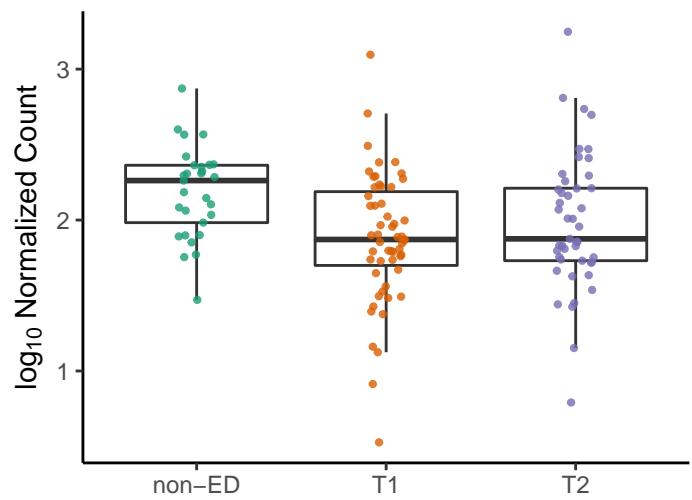
Xylella

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.8



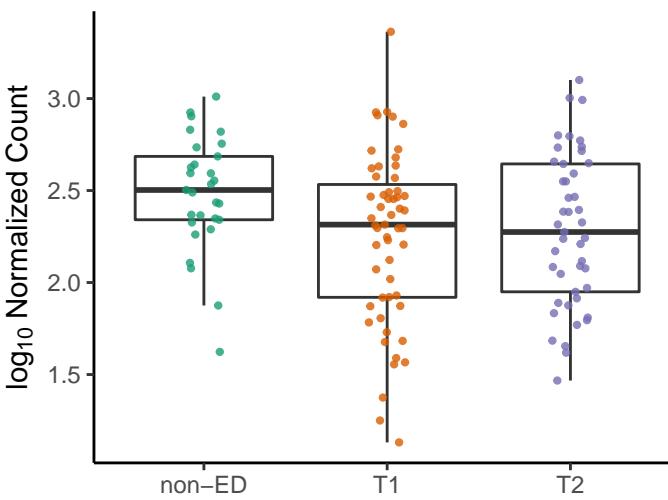
Lentibacillus

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



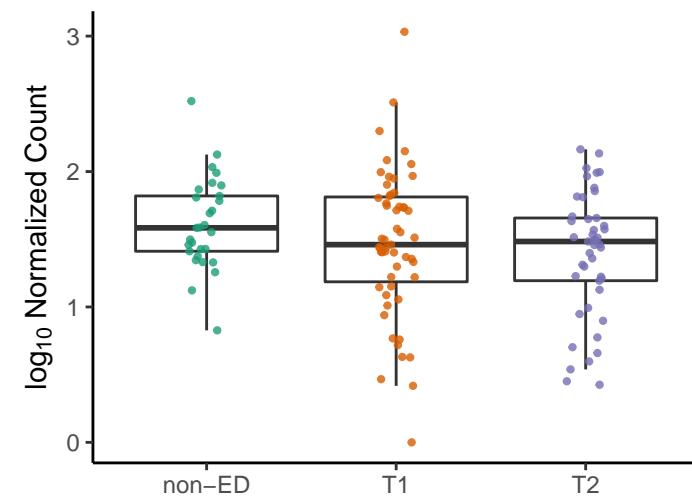
Stigmatella

non-ED vs. T1 adjusted p = 0.02
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.81



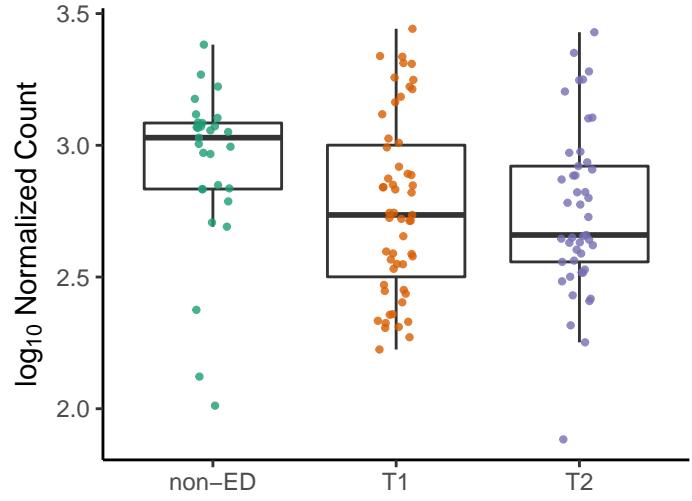
Unclassified Synergistaceae Family

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.96



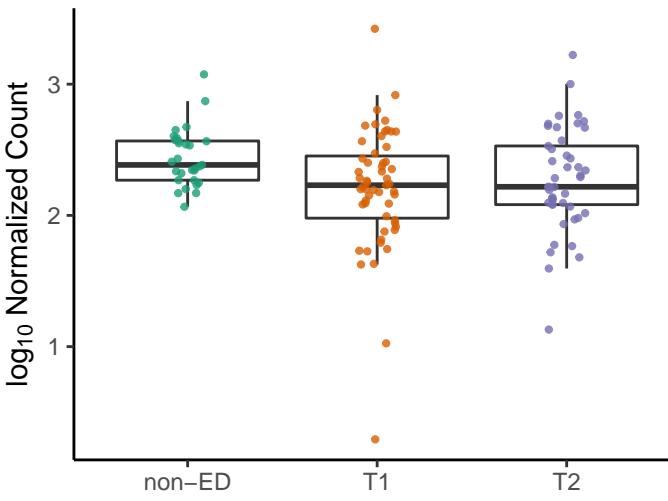
Lysinibacillus

non-ED vs. T1 adjusted p = 0.053
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.91



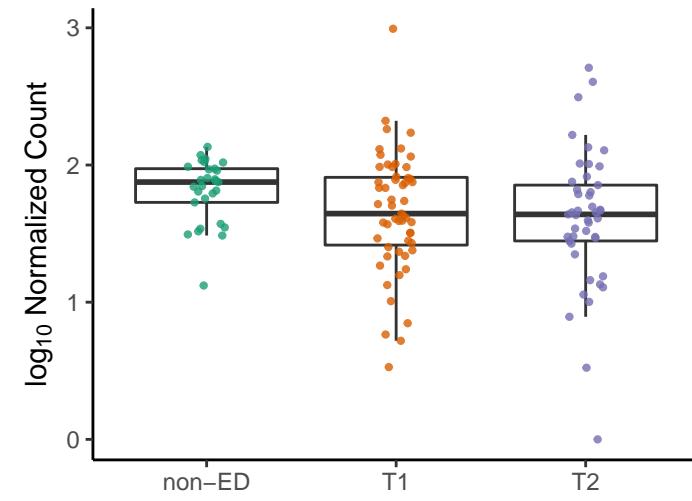
Stappia

non-ED vs. T1 adjusted p = 0.0096
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.79



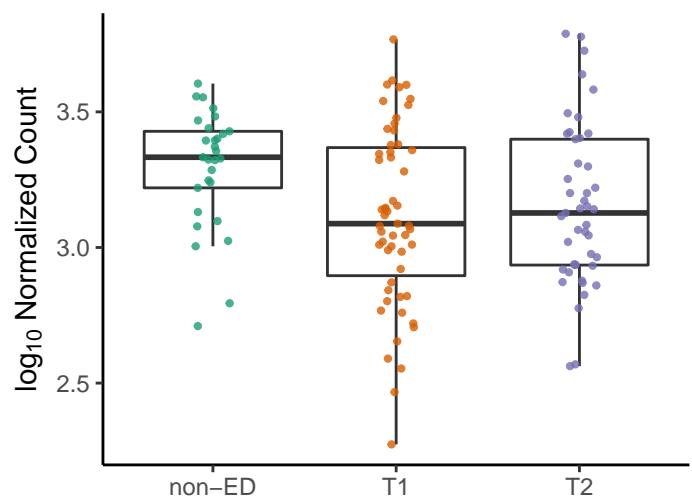
Thioploca

non-ED vs. T1 adjusted p = 0.058
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.8



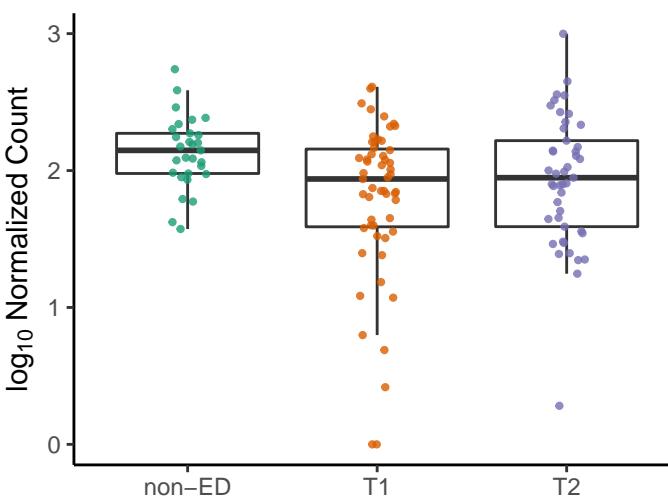
Unclassified Clostridia Class

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.042
T1 vs. T2 adjusted p = 0.81



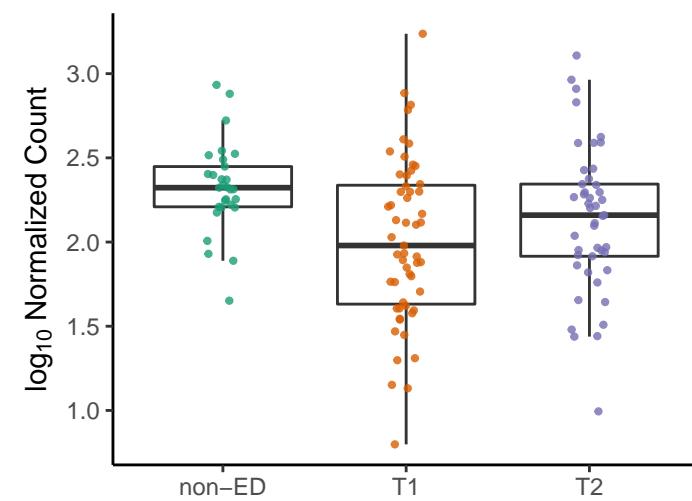
Leptothrix

non-ED vs. T1 adjusted p = 0.0042
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



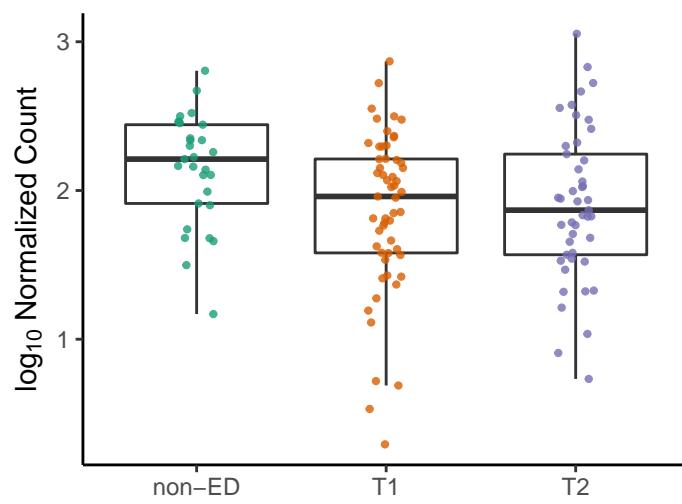
Microterricola

non-ED vs. T1 adjusted p = 0.0035
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



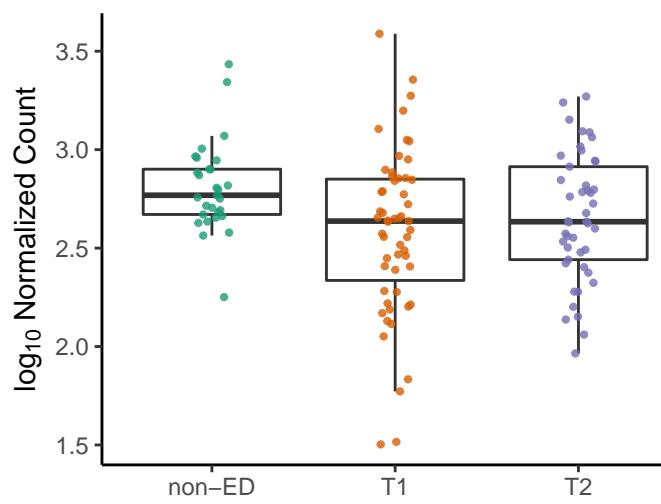
Actinopolyspora

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.86



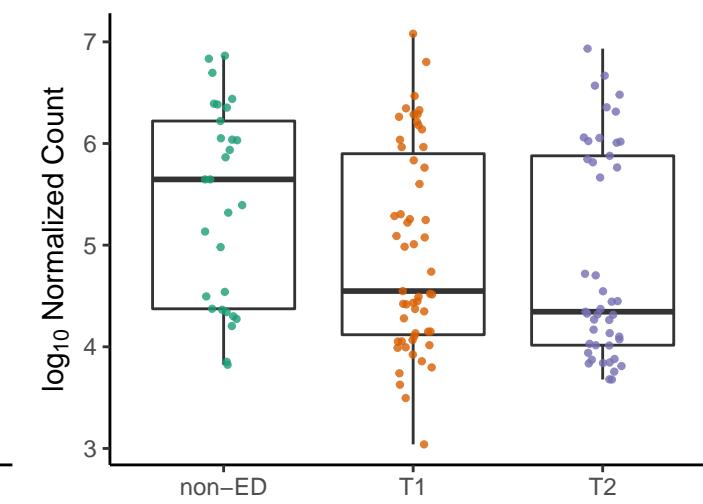
Alcanivorax

non-ED vs. T1 adjusted p = 0.0078
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



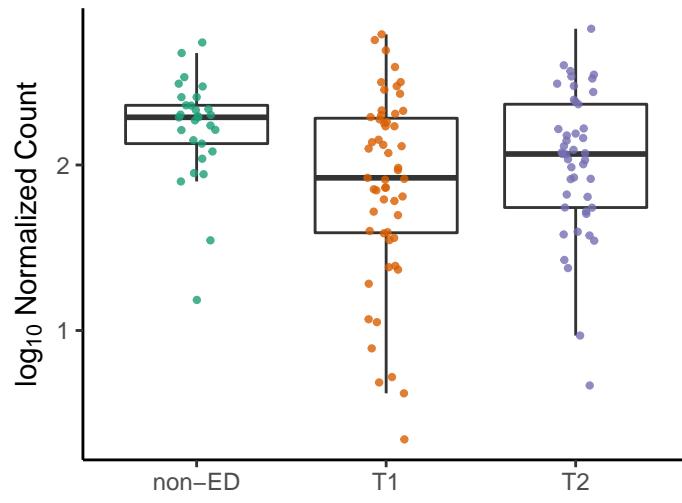
Bifidobacterium

non-ED vs. T1 adjusted p = 0.064
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.99



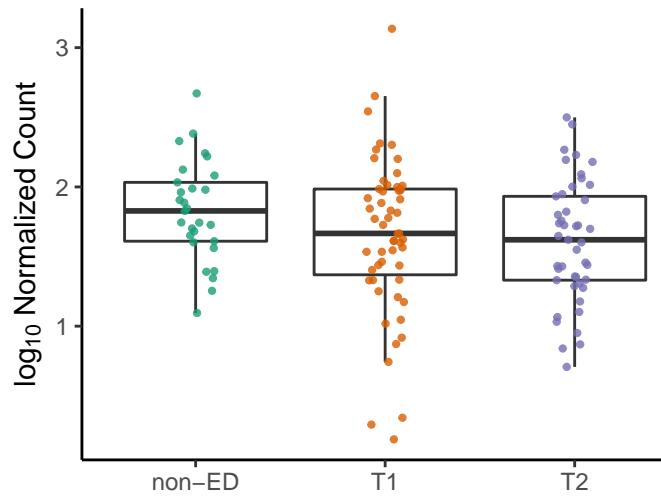
Laribacter

non-ED vs. T1 adjusted p = 0.0046
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



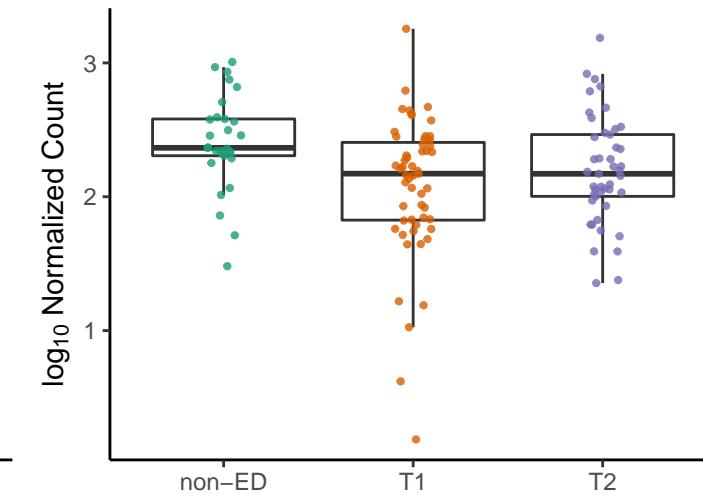
Chromohalobacter

non-ED vs. T1 adjusted p = 0.12
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 1



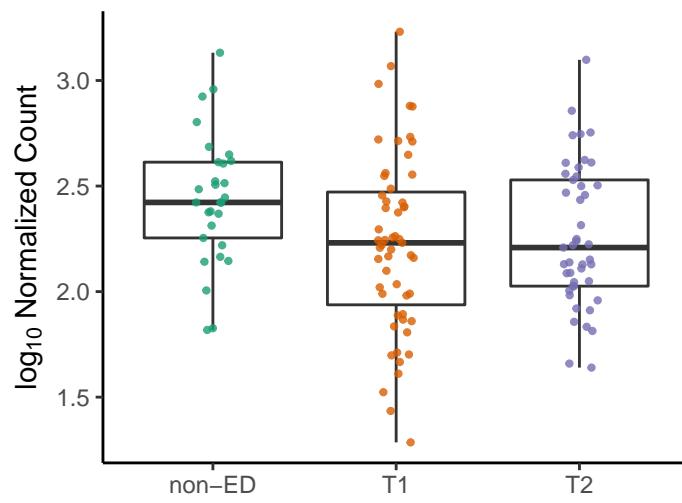
Ketogulonicigenium

non-ED vs. T1 adjusted p = 0.0059
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



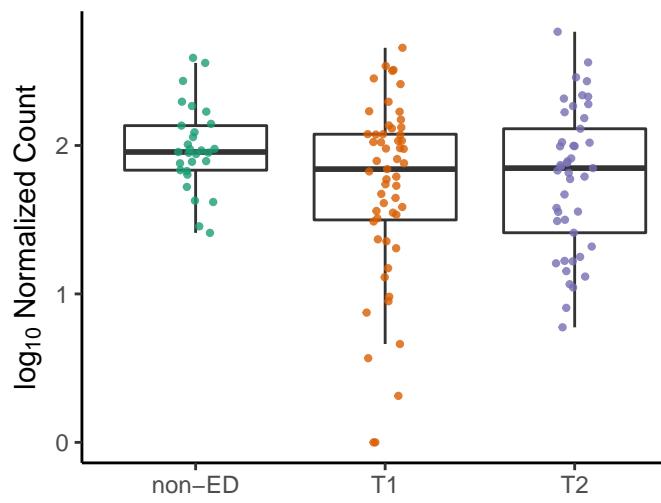
Desulfatibacillum

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



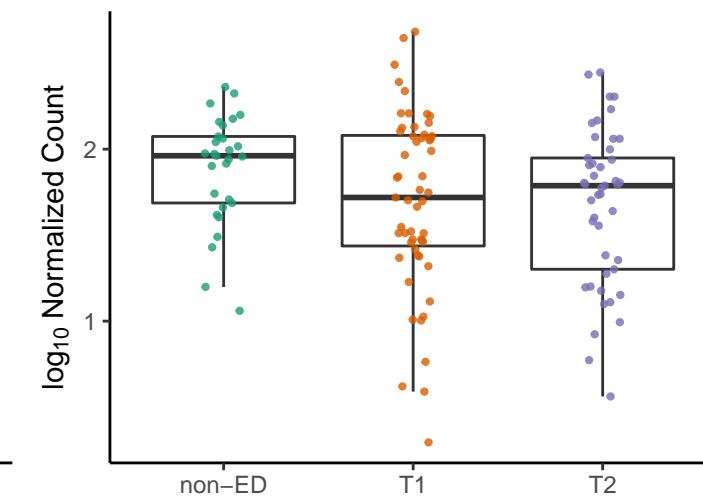
Citricoccus

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



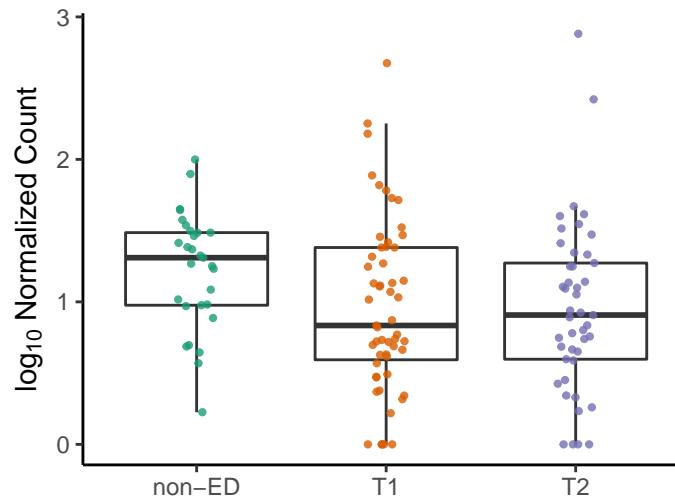
Pseudactinotalea

non-ED vs. T1 adjusted p = 0.073
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.94



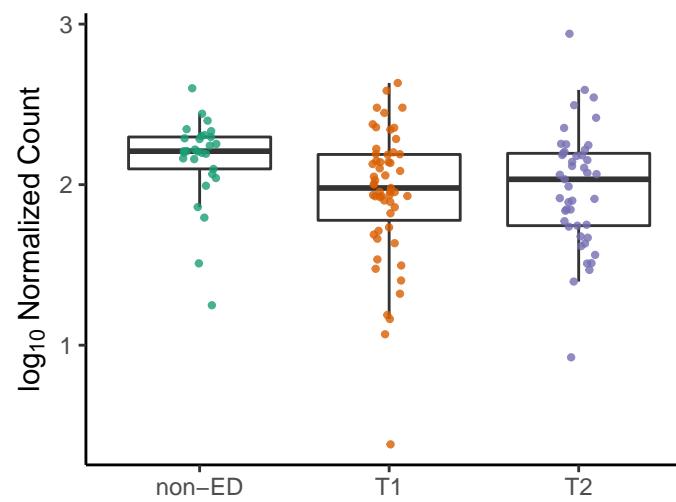
Sulfuracidifex

non-ED vs. T1 adjusted p = 0.041
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.93



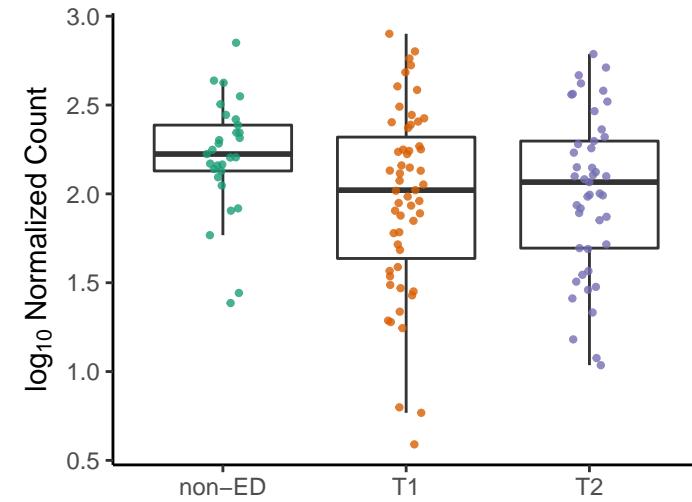
Endozoicomonas

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



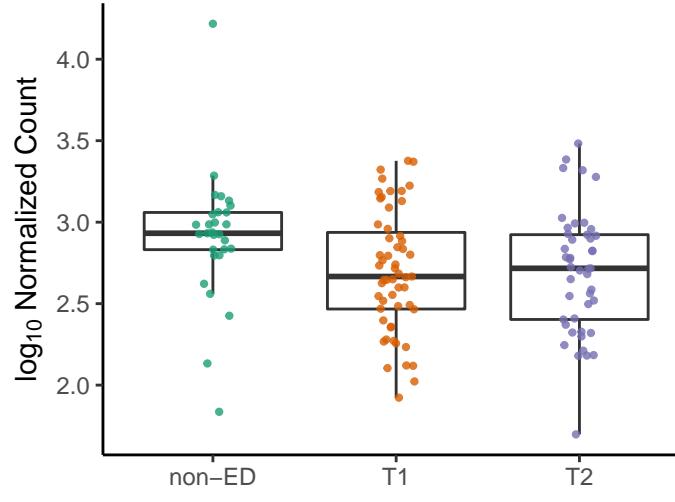
Unclassified lamiaceae Family

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.79



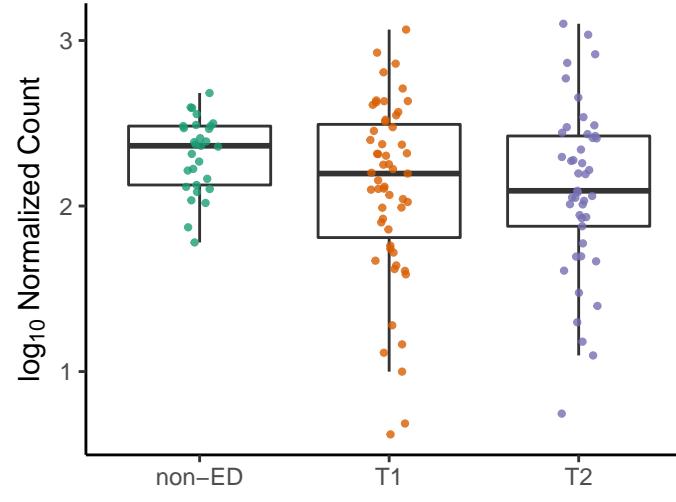
Megamonas

non-ED vs. T1 adjusted p = 0.037
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.97



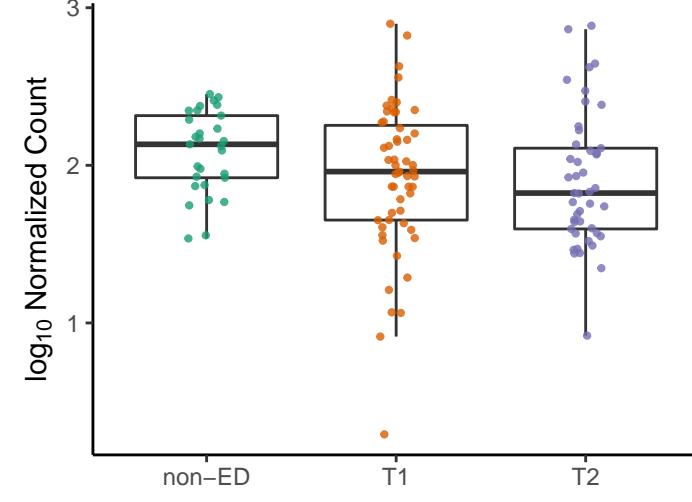
Stella

non-ED vs. T1 adjusted p = 0.032
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 0.85



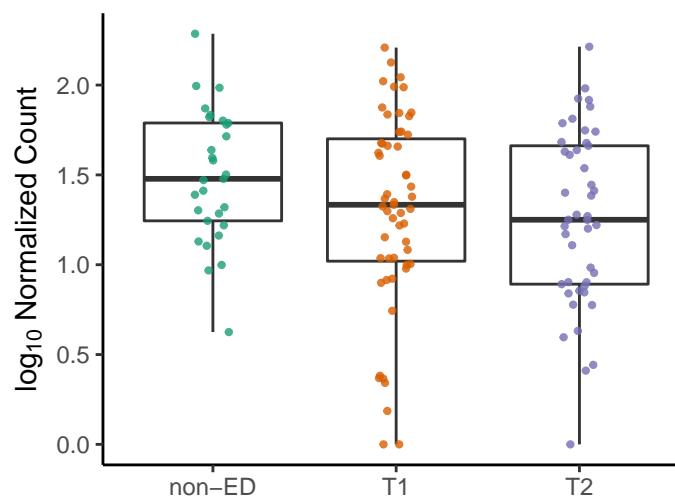
Unclassified Pseudonocardiaceae Family

non-ED vs. T1 adjusted p = 0.068
non-ED vs. T2 adjusted p = 0.043
T1 vs. T2 adjusted p = 1



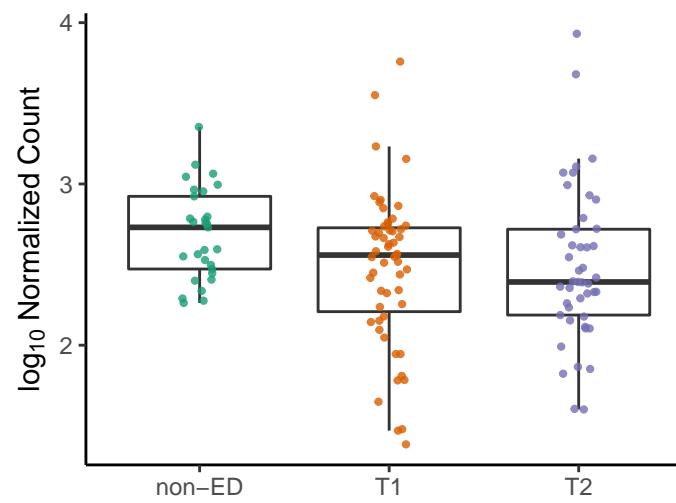
Haloprofundus

non-ED vs. T1 adjusted p = 0.082
non-ED vs. T2 adjusted p = 0.044
T1 vs. T2 adjusted p = 0.92



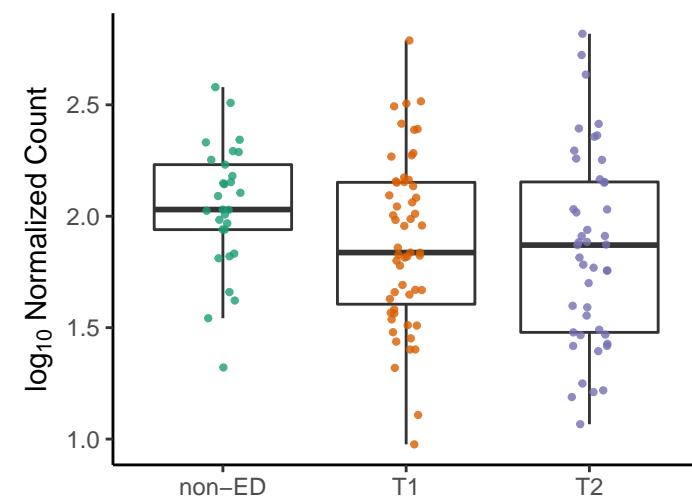
Sutterella

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.044
T1 vs. T2 adjusted p = 0.92



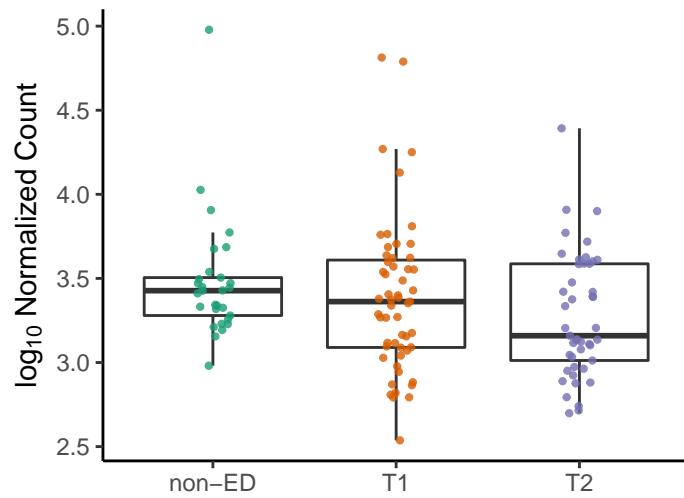
Kluyveromyces

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



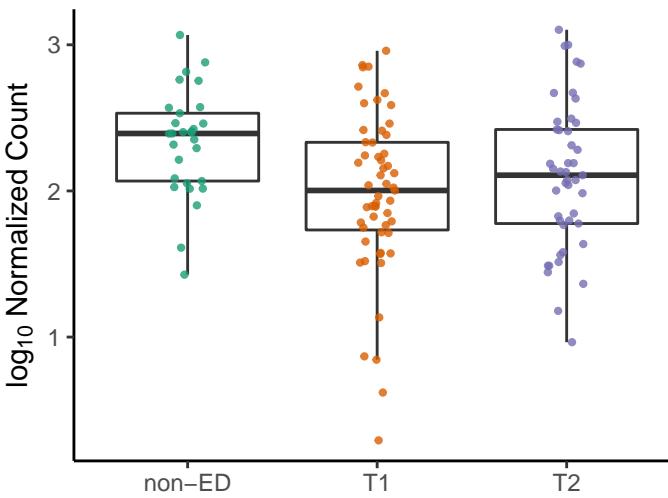
Enterobacter

non-ED vs. T1 adjusted p = 0.36
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



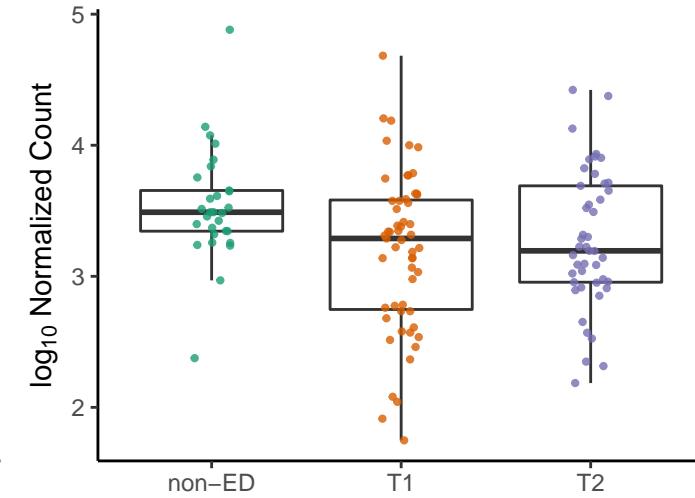
Kineococcus

non-ED vs. T1 adjusted p = 0.0053
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



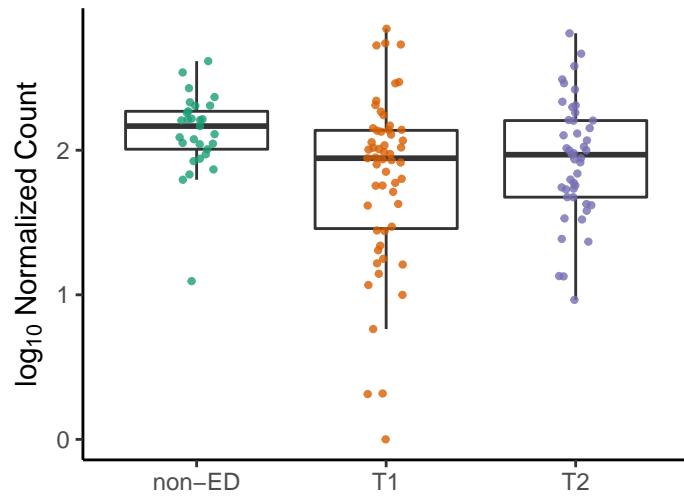
Unclassified Atopobiaceae Family

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



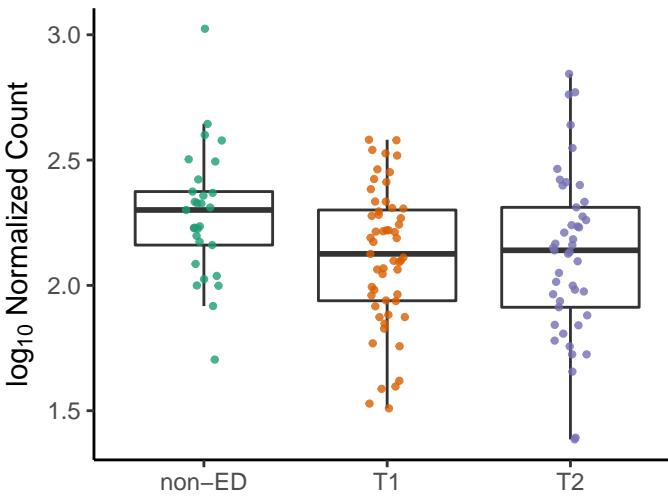
Unclassified Rhodospirillaceae Family

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



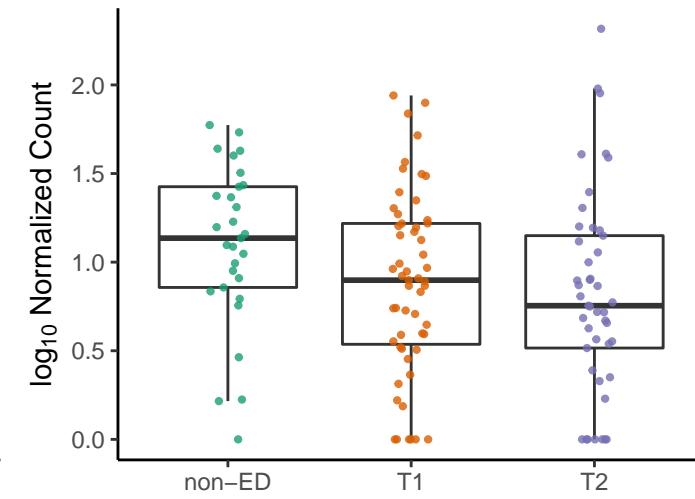
Idiomarina

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.89



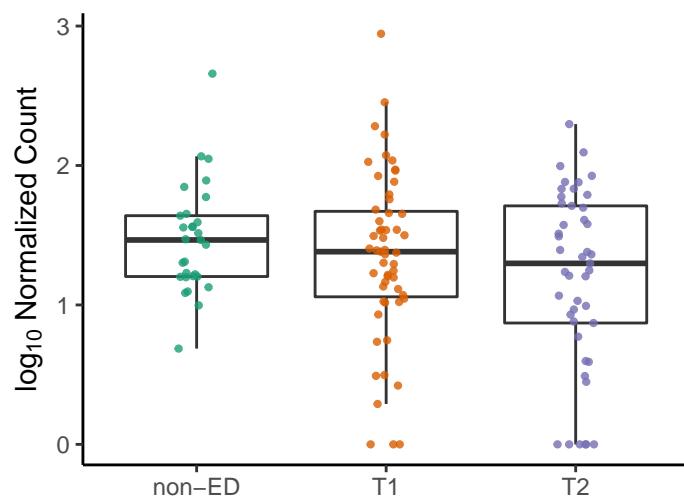
Candidatus Nitrosopelagicus

non-ED vs. T1 adjusted p = 0.08
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



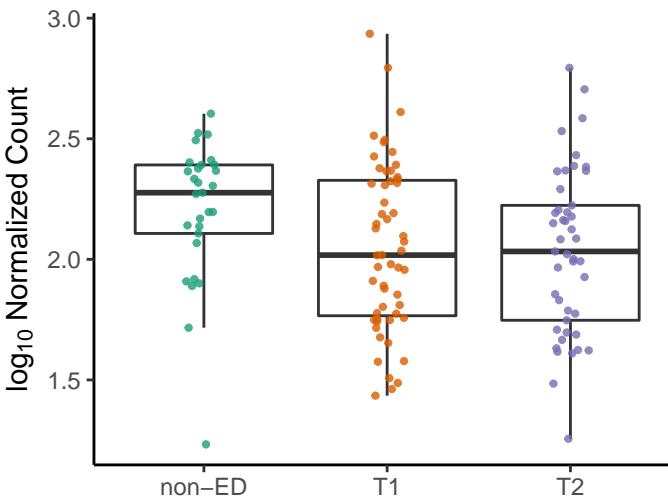
Unclassified Sulfolobaceae Family

non-ED vs. T1 adjusted p = 0.32
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



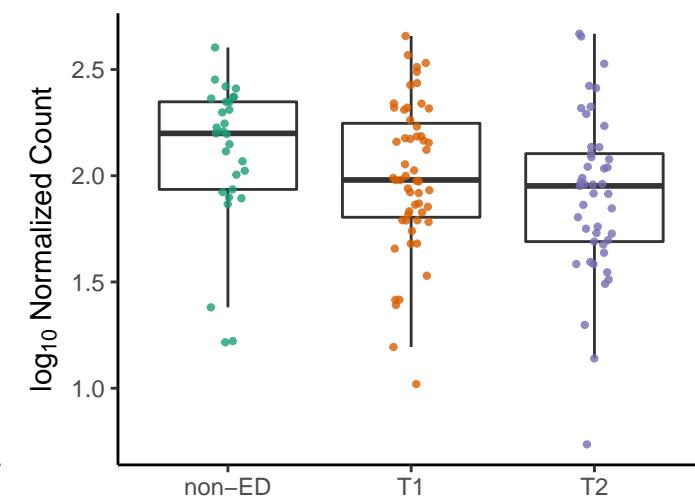
Aeribacillus

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.98



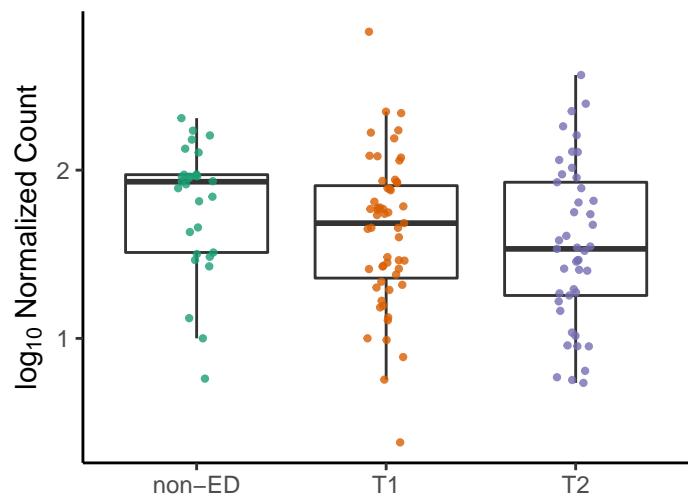
Amphibacillus

non-ED vs. T1 adjusted p = 0.22
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



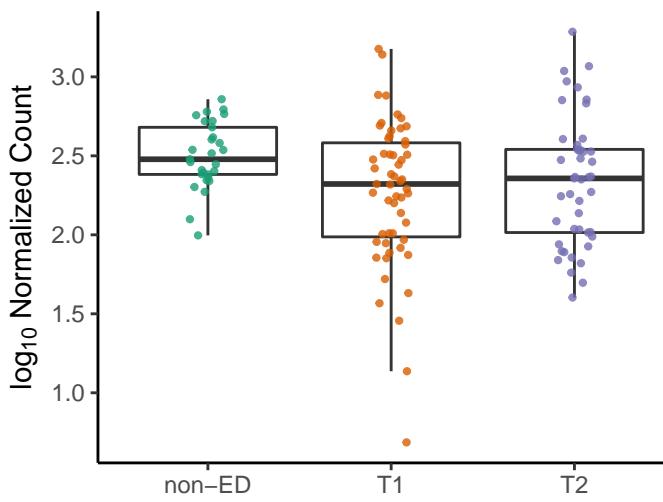
Wenyingzhuangia

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.8



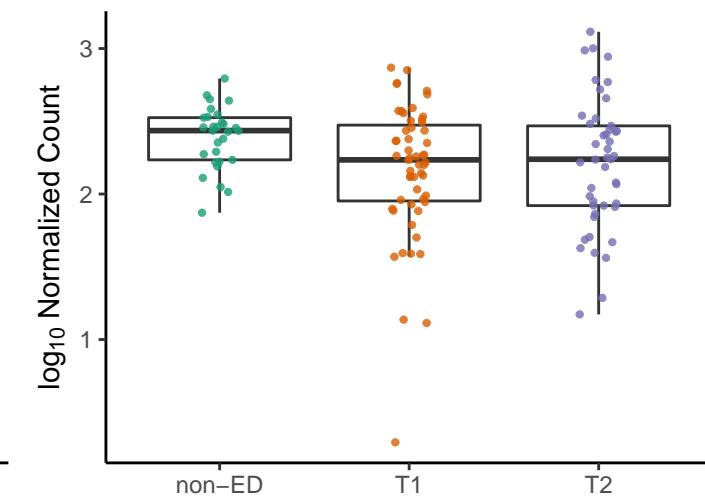
Unclassified Bradymonadales Order

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



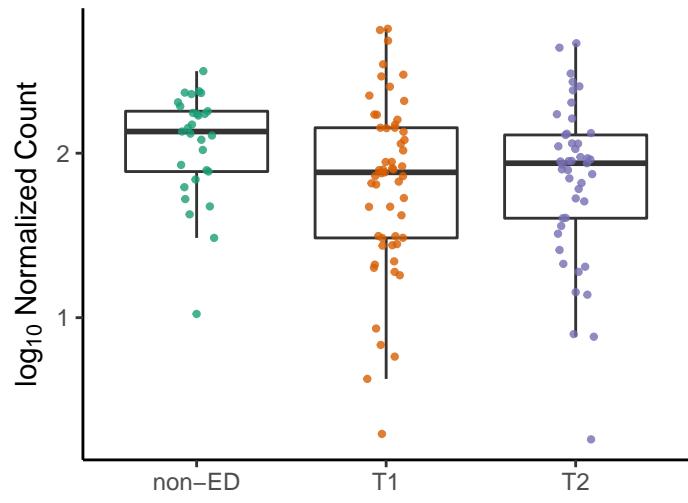
Allokutzneria

non-ED vs. T1 adjusted p = 0.0099
non-ED vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.79



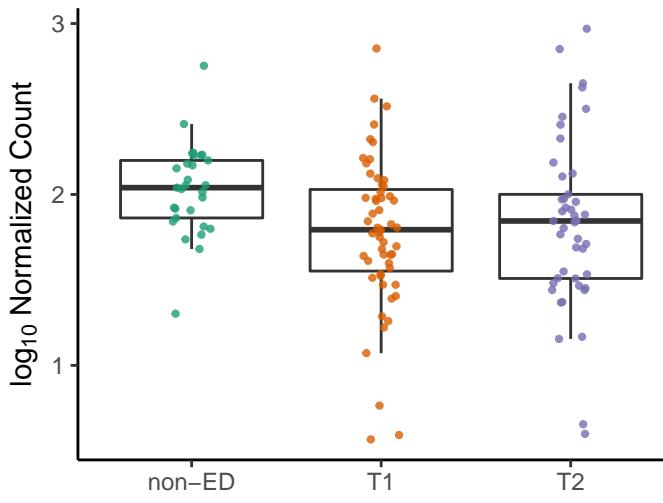
Truepera

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.9



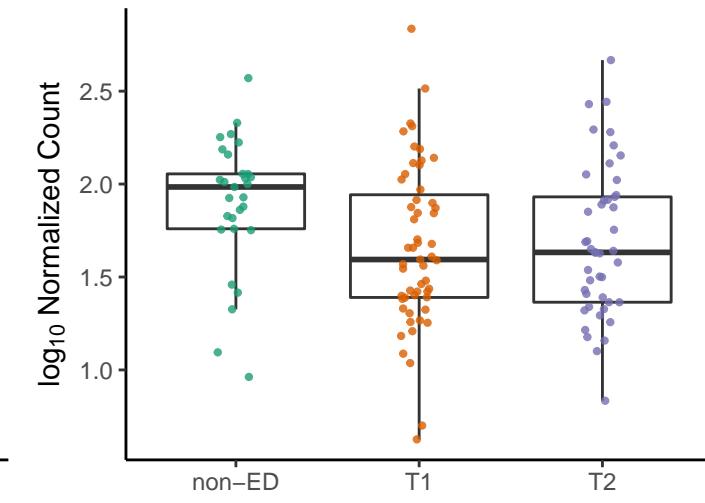
Dinoroseobacter

non-ED vs. T1 adjusted p = 0.0068
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.8



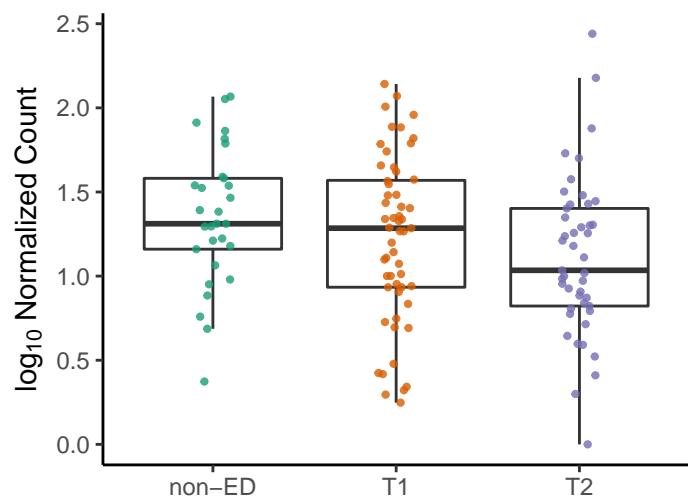
Gloeocapsa

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.88



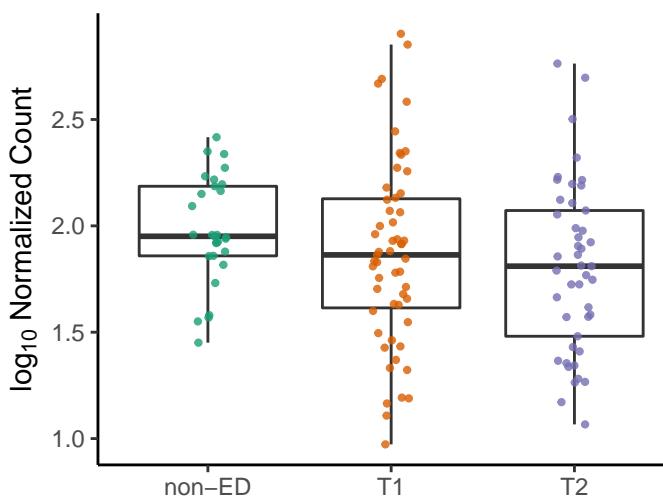
Microchaete

non-ED vs. T1 adjusted p = 0.24
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.79



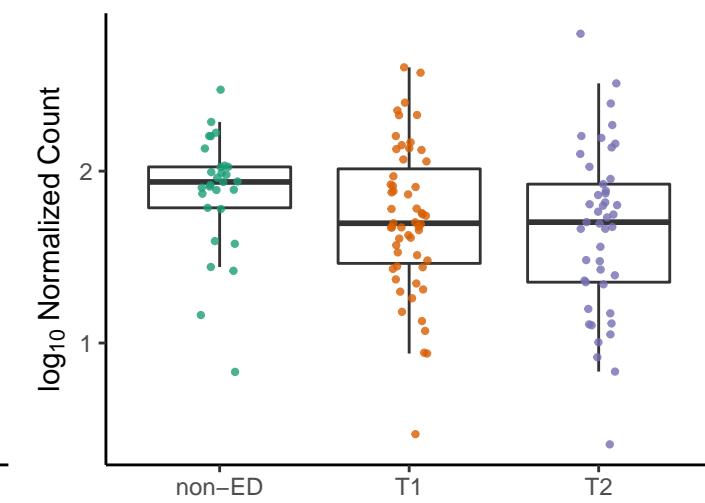
Thermodesulfobacterium

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.8



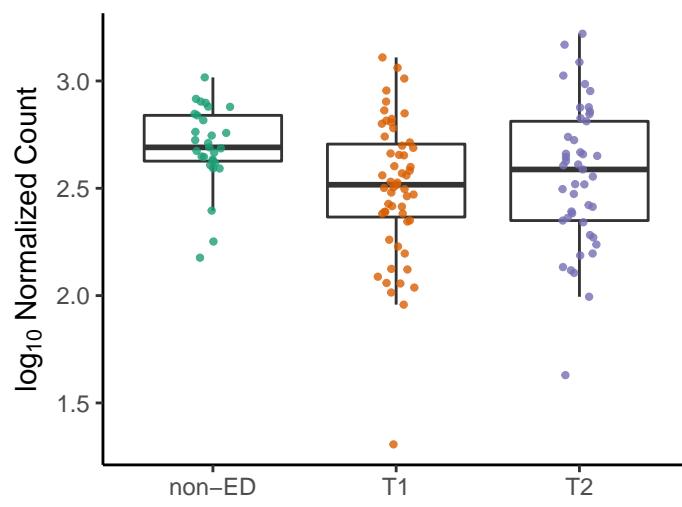
Trichodesmium

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.79



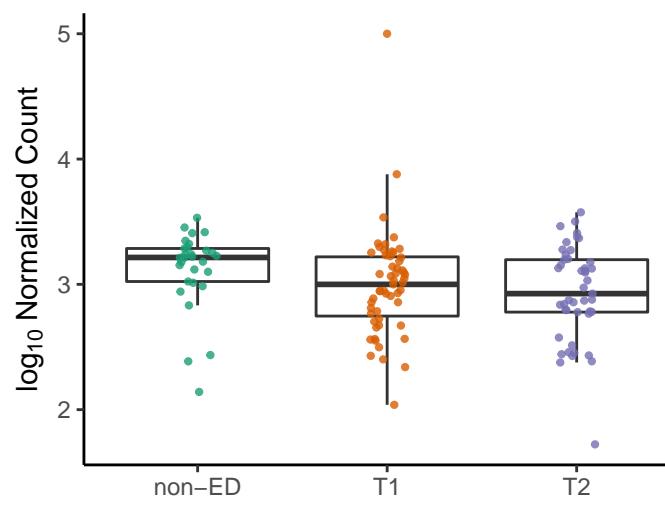
Methylomonas

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.79



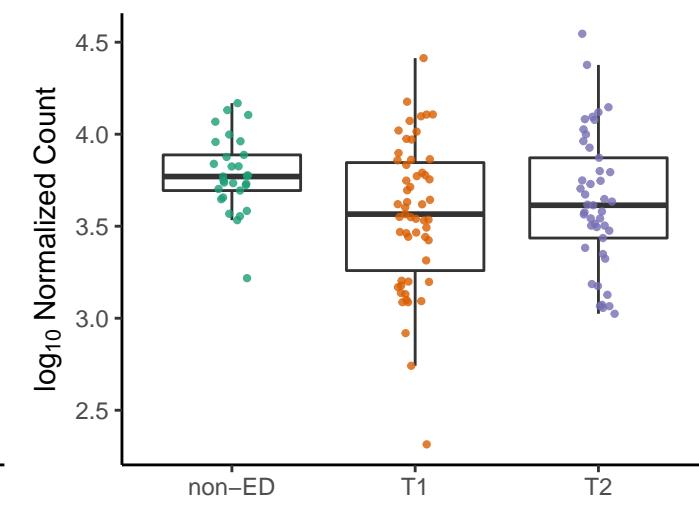
Cellulosilyticum

non-ED vs. T1 adjusted p = 0.17
non-ED vs. T2 adjusted p = 0.046
T1 vs. T2 adjusted p = 0.79



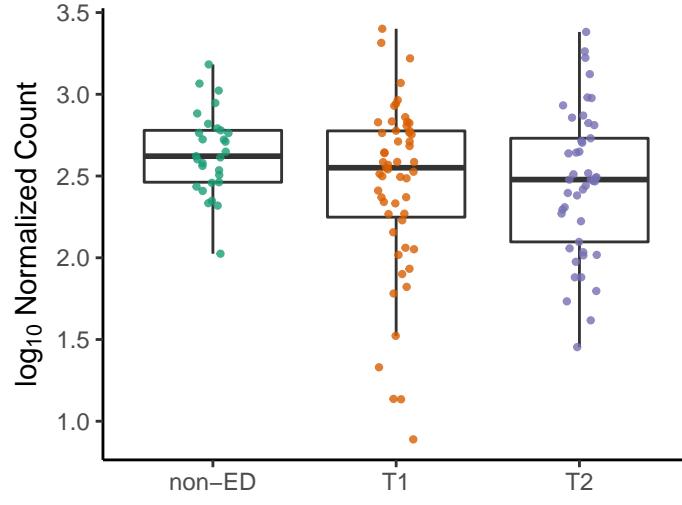
Burkholderia

non-ED vs. T1 adjusted p = 0.0058
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



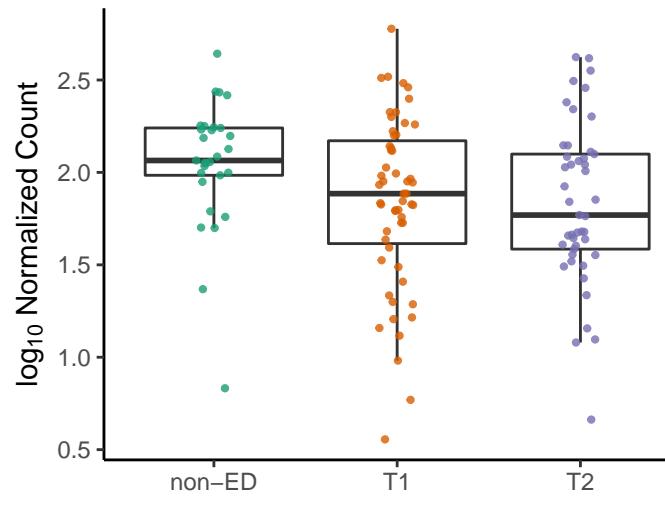
Unclassified Deltaproteobacteria Class

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.9



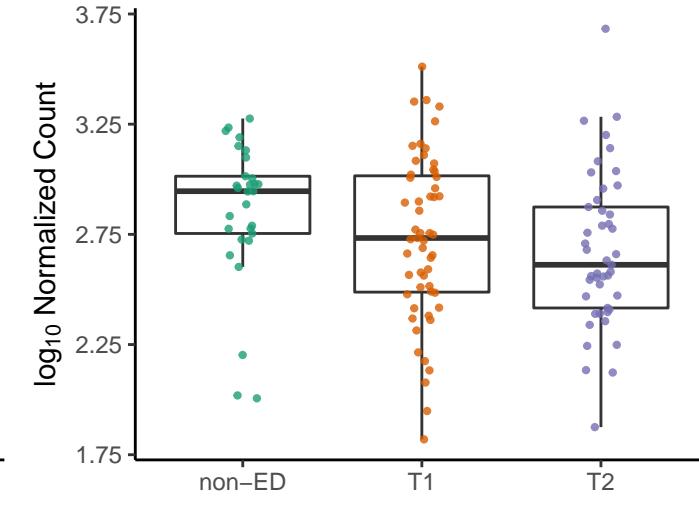
Nitrosopumilus

non-ED vs. T1 adjusted p = 0.046
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.98



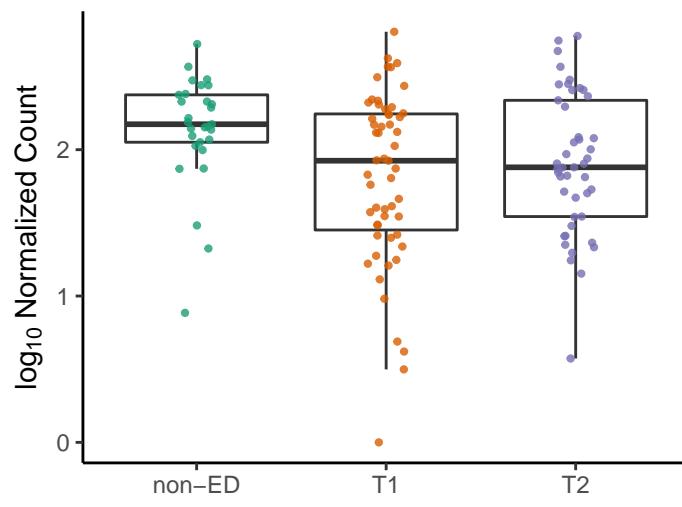
Polaribacter

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



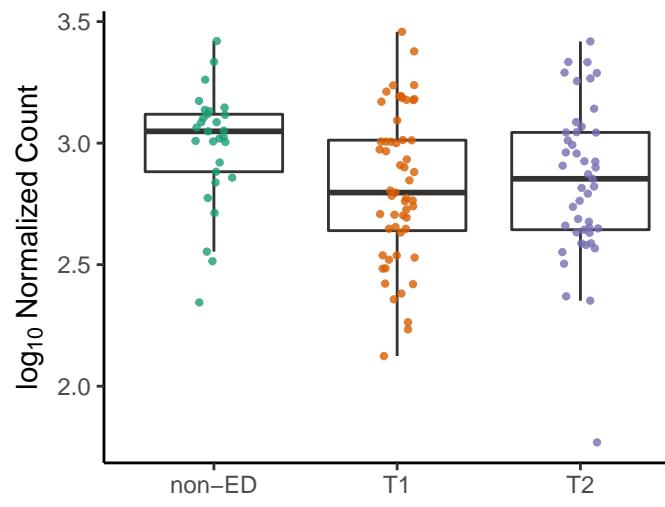
Sinomonas

non-ED vs. T1 adjusted p = 0.0099
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



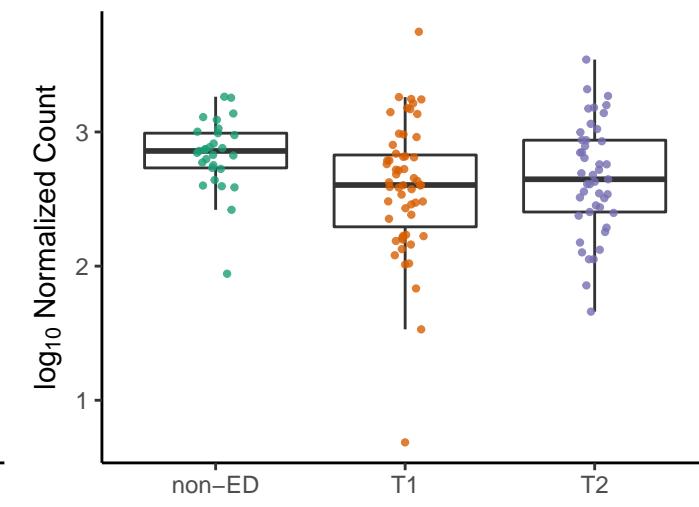
Sporosarcina

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.89



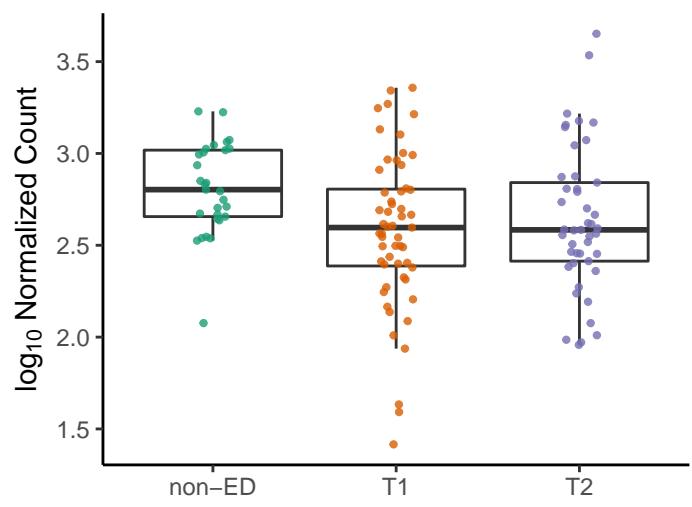
Aeromicrobium

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



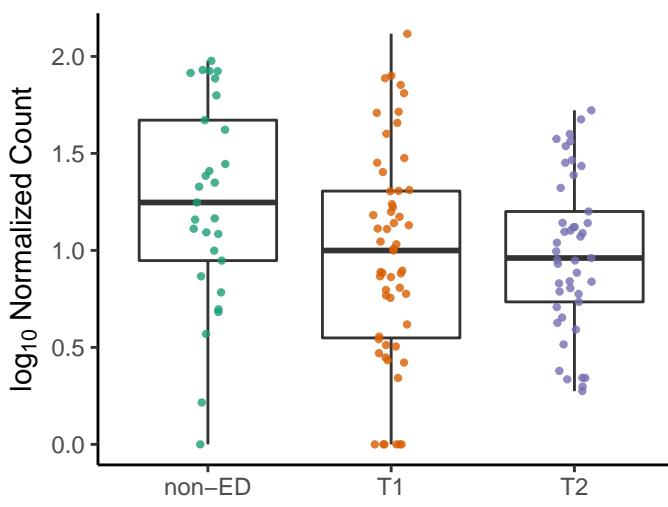
Saccharomonospora

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



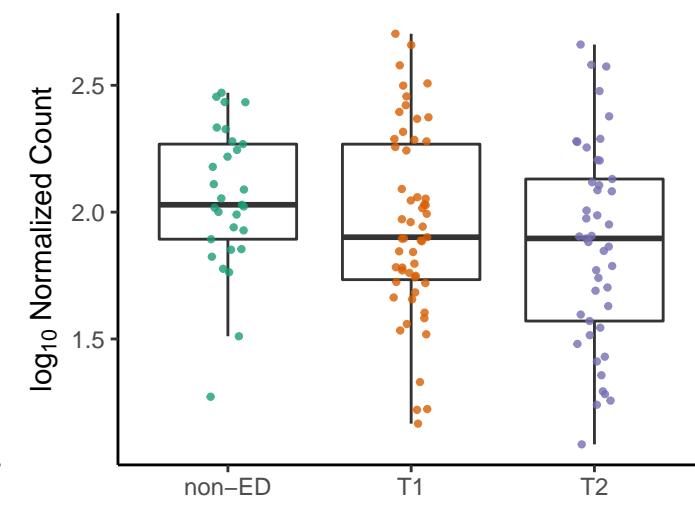
Candidatus Atelocyanobacterium

non-ED vs. T1 adjusted p = 0.044
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.91



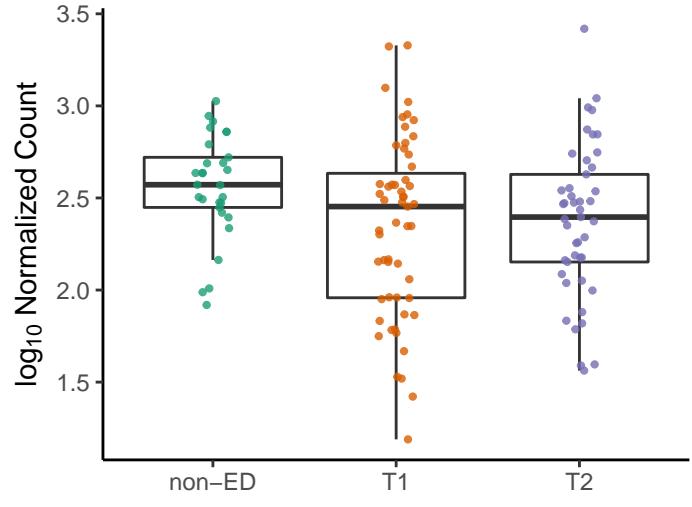
Candidatus Phytoplasma

non-ED vs. T1 adjusted p = 0.21
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



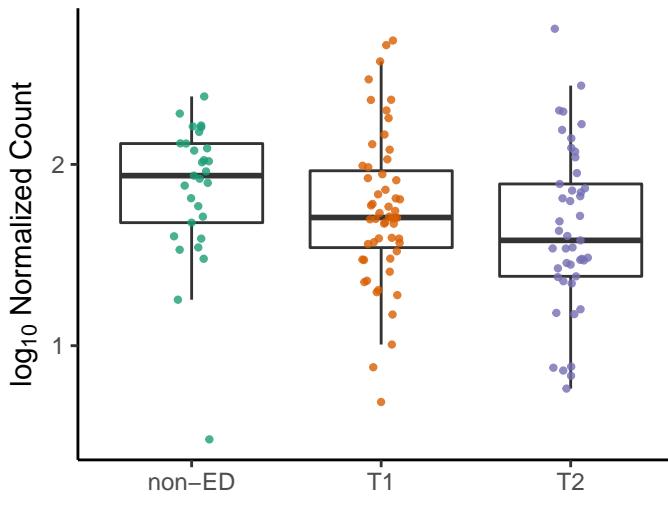
Leucobacter

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.8



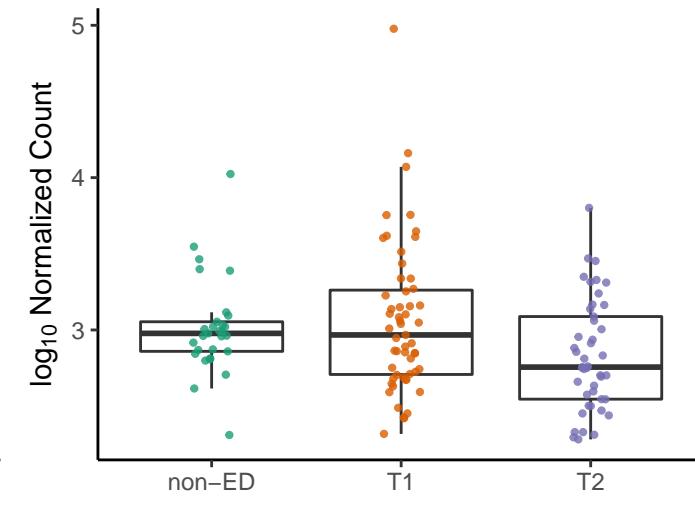
Avibacterium

non-ED vs. T1 adjusted p = 0.26
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



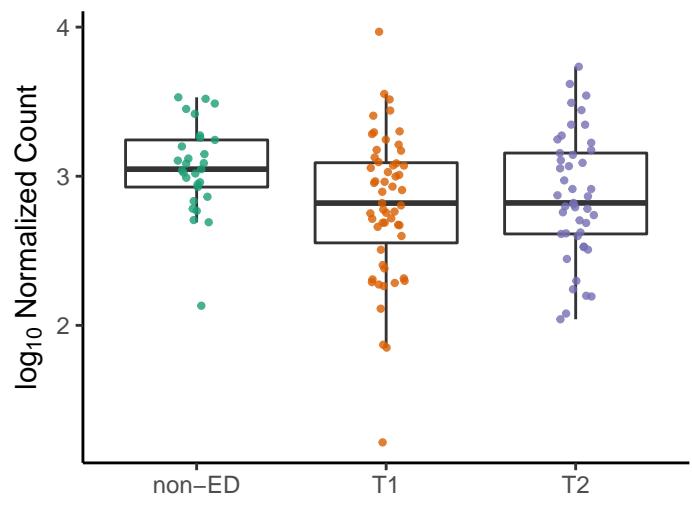
Salmonella

non-ED vs. T1 adjusted p = 0.63
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



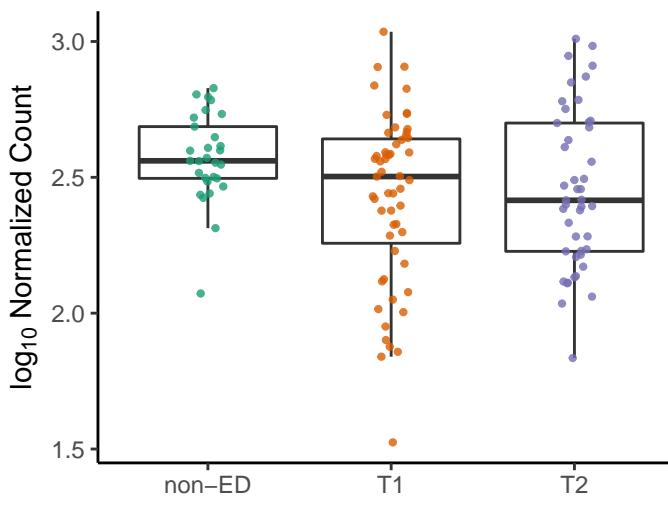
Unclassified Micrococcales Order

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



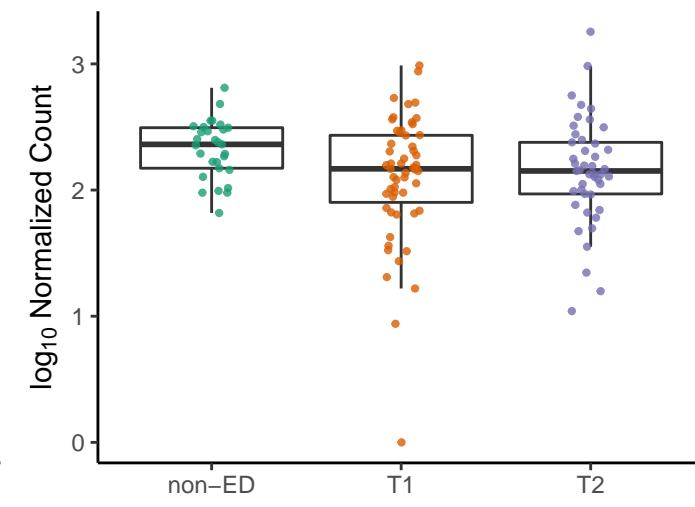
Leptolyngbya

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.79



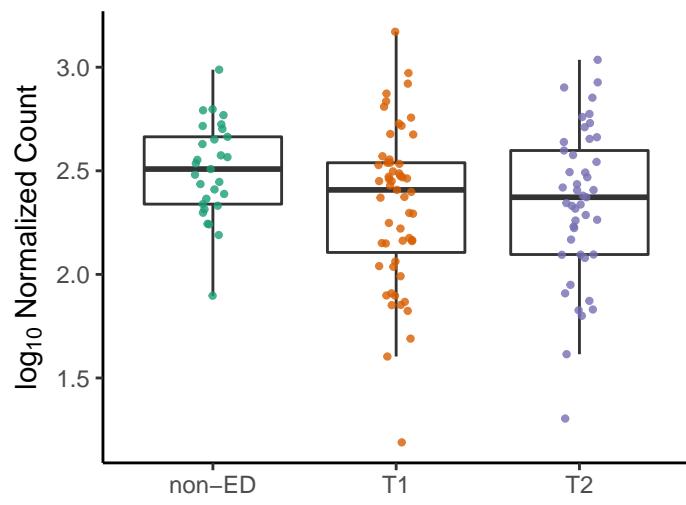
Skermanella

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.79



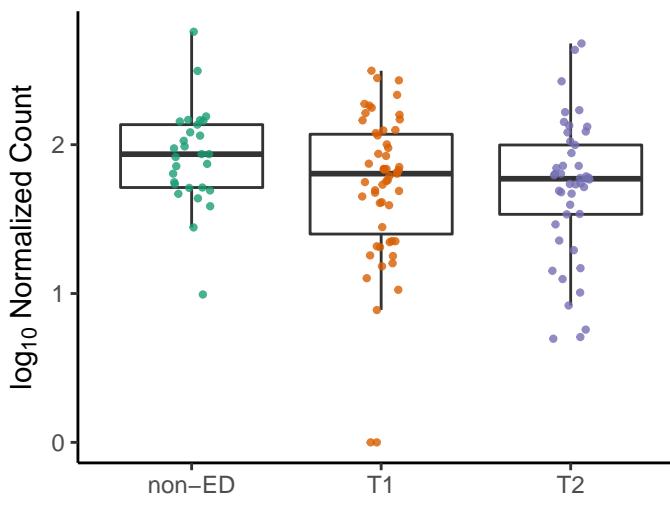
Ruegeria

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.83



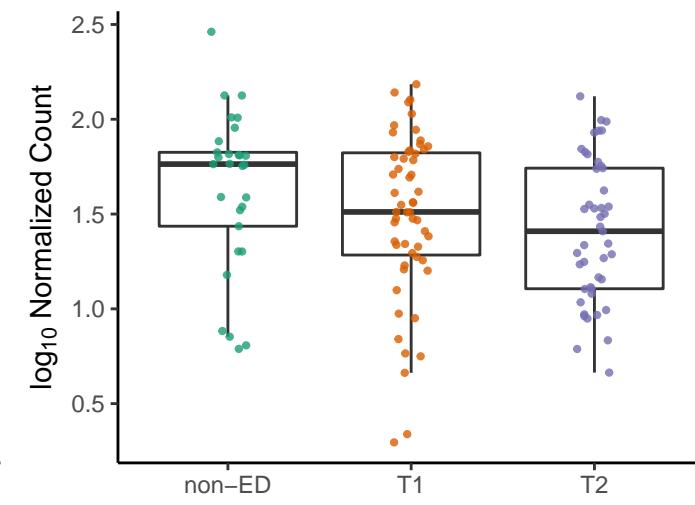
Thermochromatium

non-ED vs. T1 adjusted p = 0.049
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.97



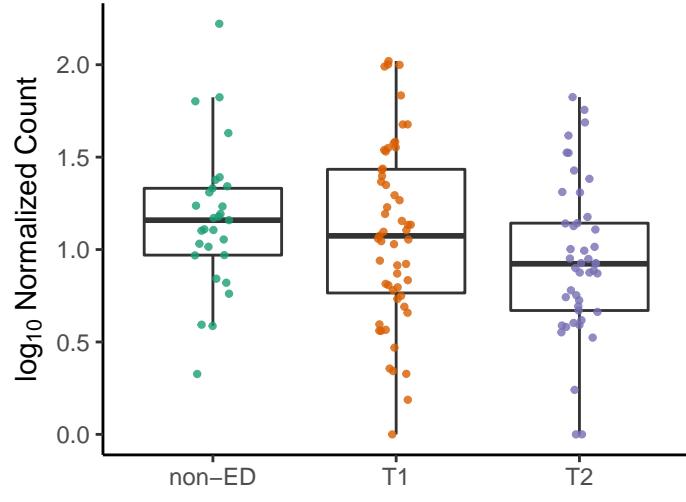
Silvanigrella

non-ED vs. T1 adjusted p = 0.2
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.79



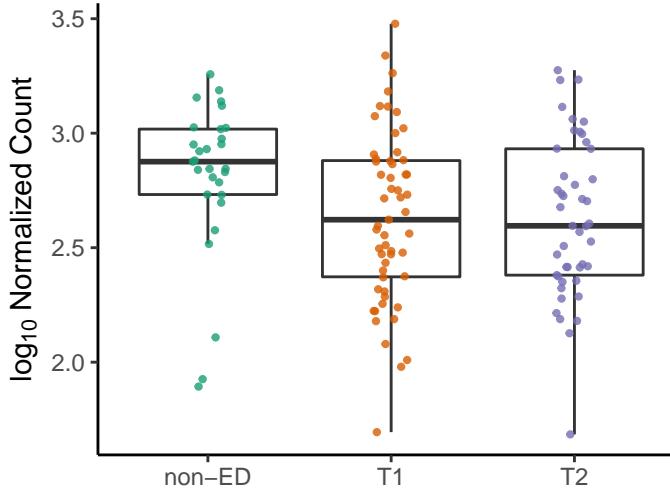
Desulfurococcus

non-ED vs. T1 adjusted p = 0.49
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.79



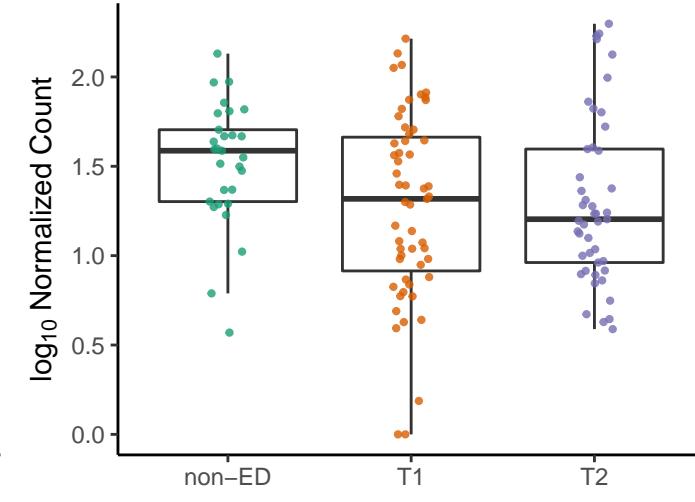
Francisella

non-ED vs. T1 adjusted p = 0.051
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.97



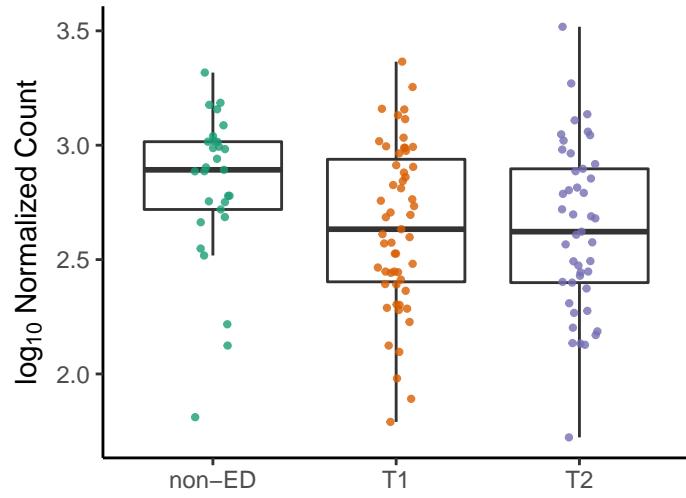
Methanothermococcus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.92



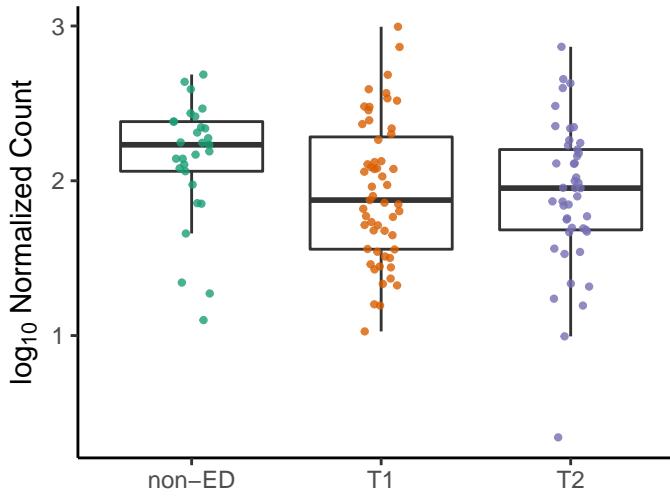
Thermoanaerobacter

non-ED vs. T1 adjusted p = 0.045
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.96



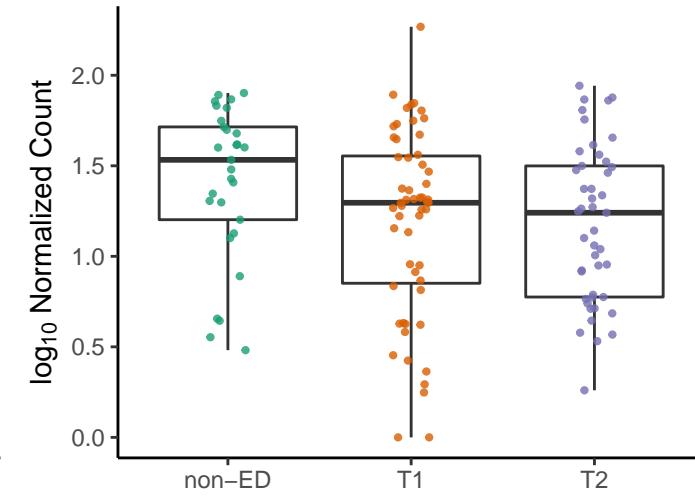
Marinitoga

non-ED vs. T1 adjusted p = 0.055
non-ED vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.92



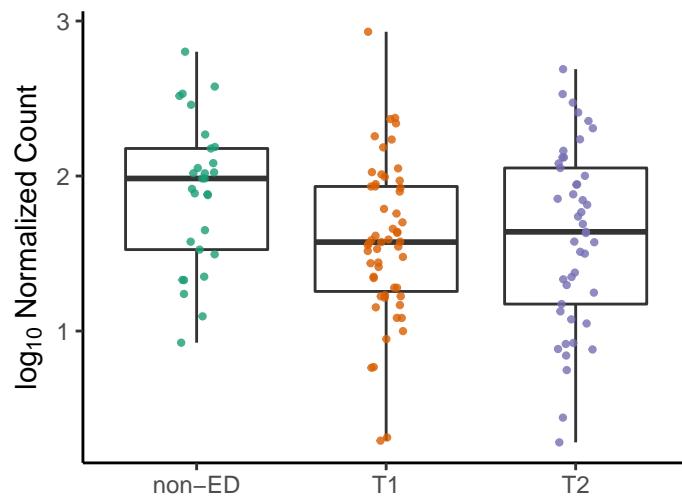
Candidatus Nitrososomicus

non-ED vs. T1 adjusted p = 0.067
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.83



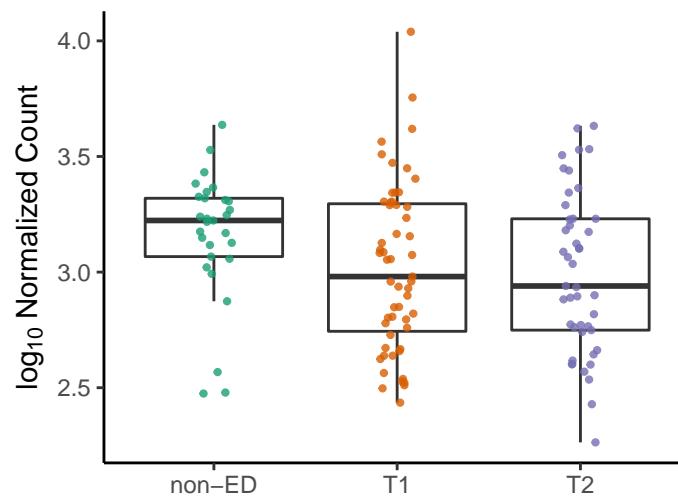
Salinigranum

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.81



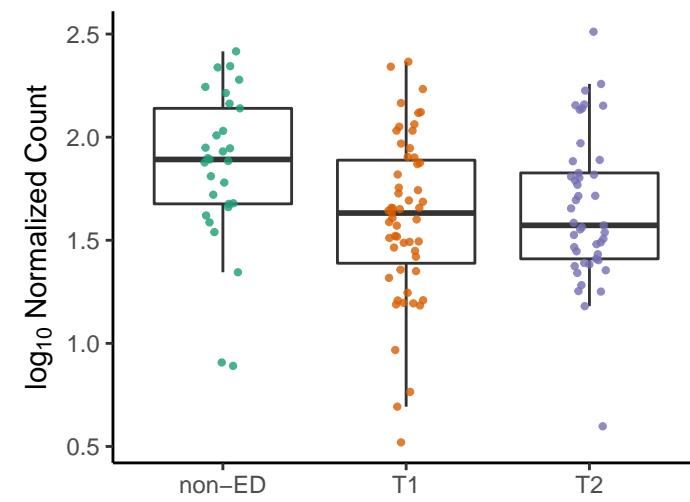
Leptotrichia

non-ED vs. T1 adjusted p = 0.075
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.97



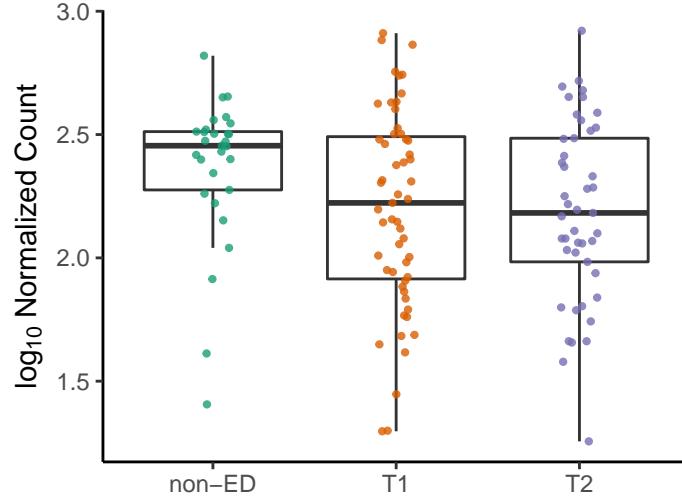
Parachlamydia

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.88



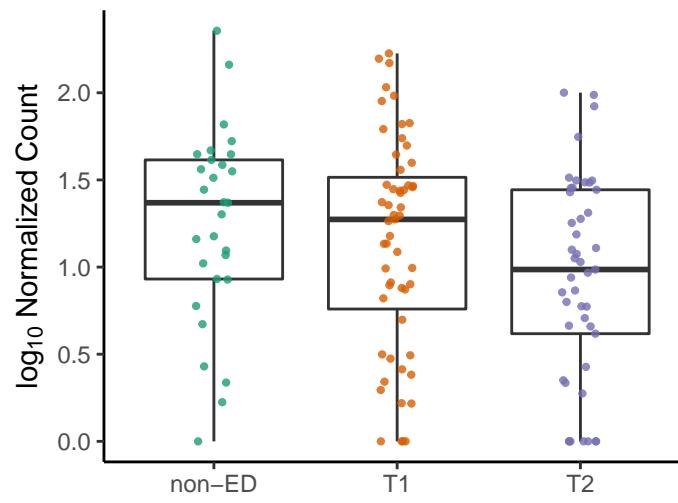
Acetoanaerobium

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.91



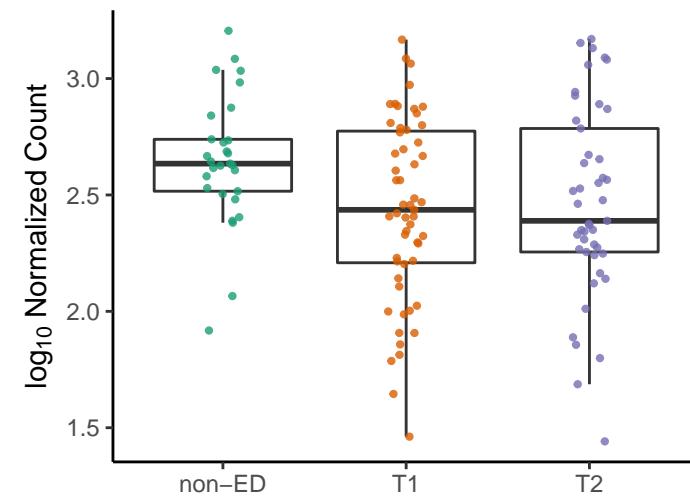
Unclassified Cytophagaceae Family

non-ED vs. T1 adjusted p = 0.47
non-ED vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.77



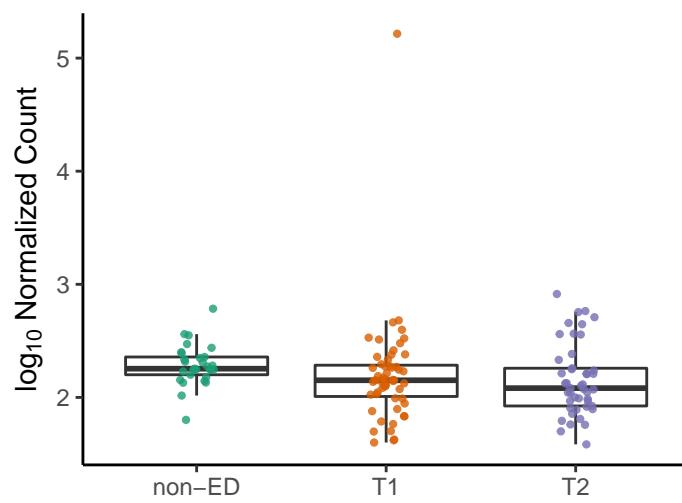
Celeribacter

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.81



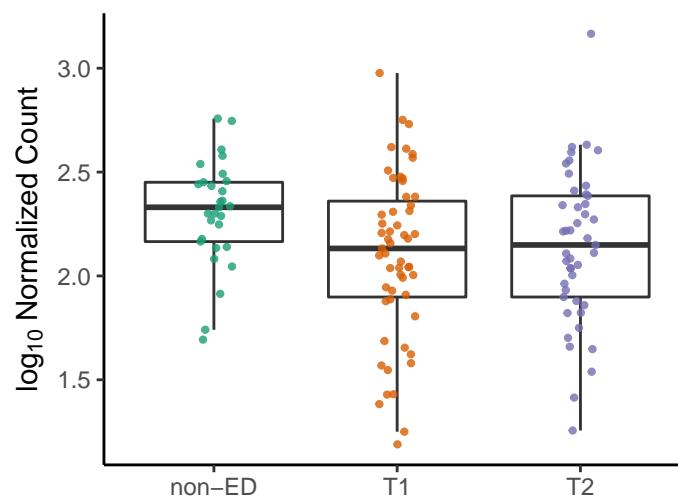
Hafnia

non-ED vs. T1 adjusted p = 0.27
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.86



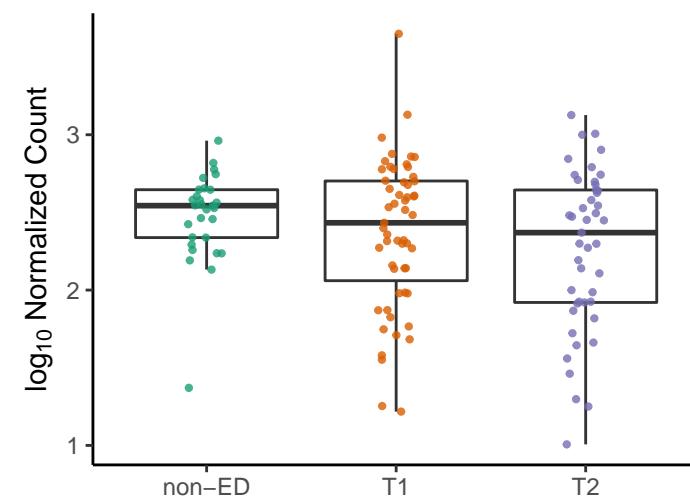
Nitrosospira

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.79



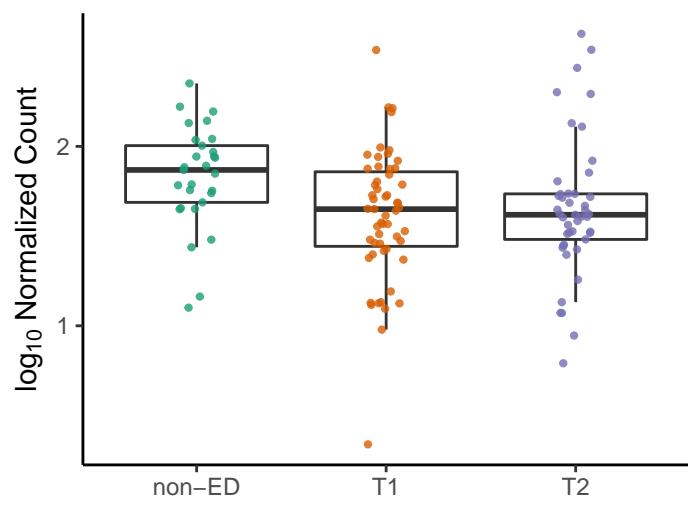
Proteiniphilum

non-ED vs. T1 adjusted p = 0.25
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.79



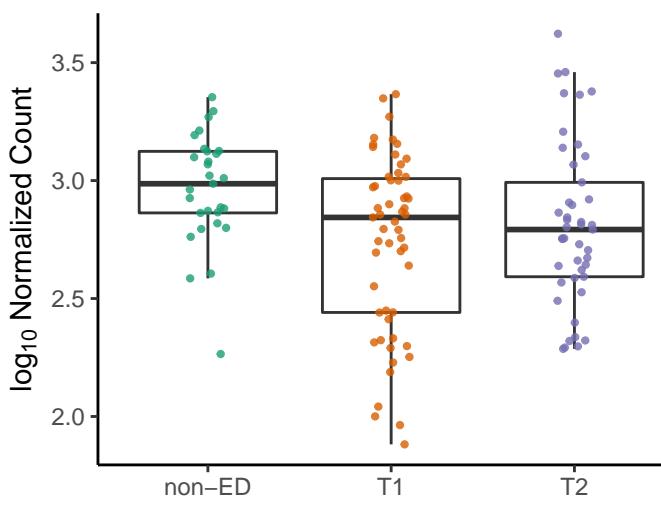
Gilvibacter

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.85



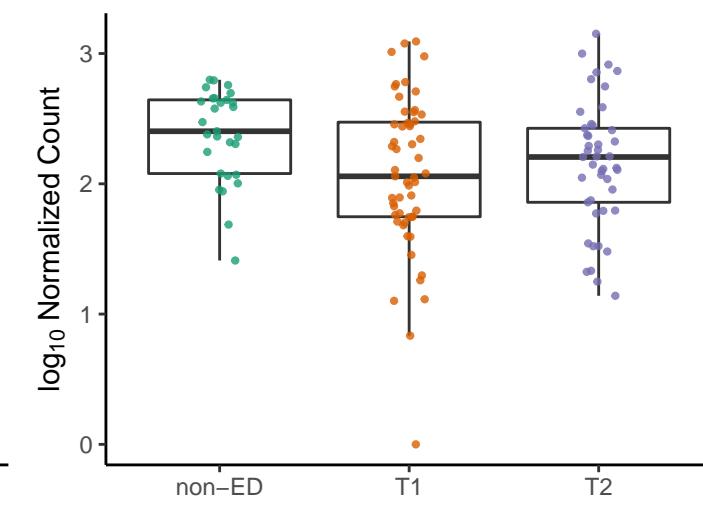
Unclassified Rhizobiaceae Family

non-ED vs. T1 adjusted p = 0.0062
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.79



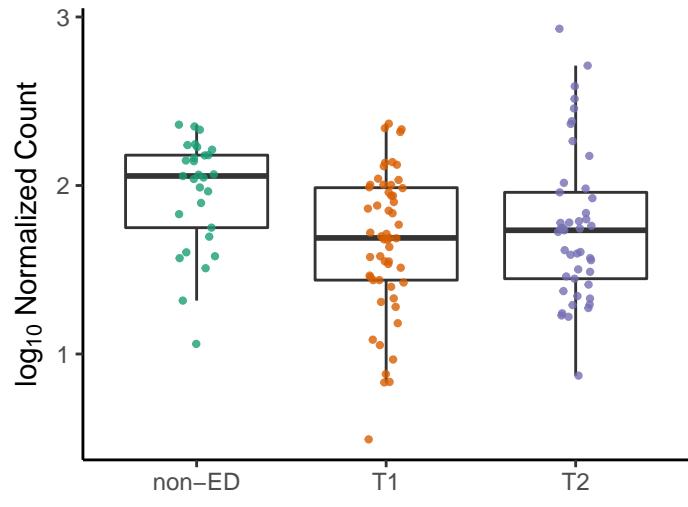
Xylanimonas

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.79



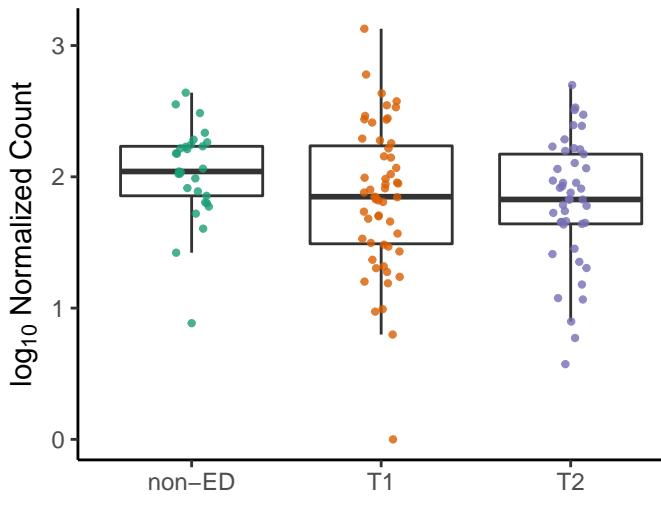
Pseudohalocynthiaibacter

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.79



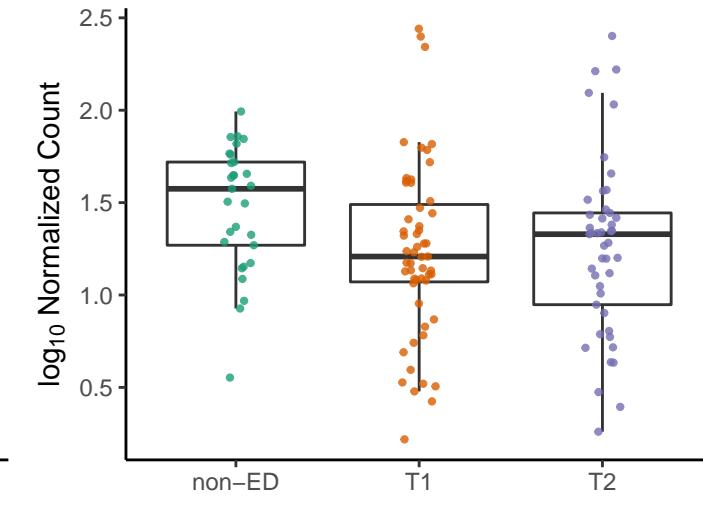
Kytococcus

non-ED vs. T1 adjusted p = 0.092
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.99



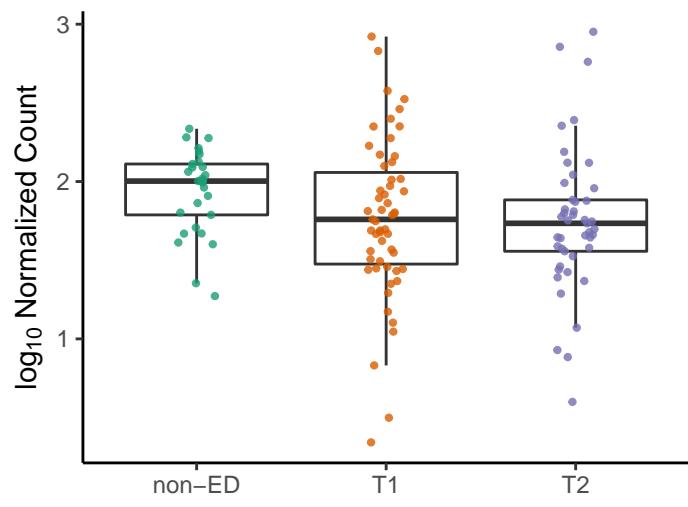
Candidatus Nitrosotalea

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.05
T1 vs. T2 adjusted p = 0.96



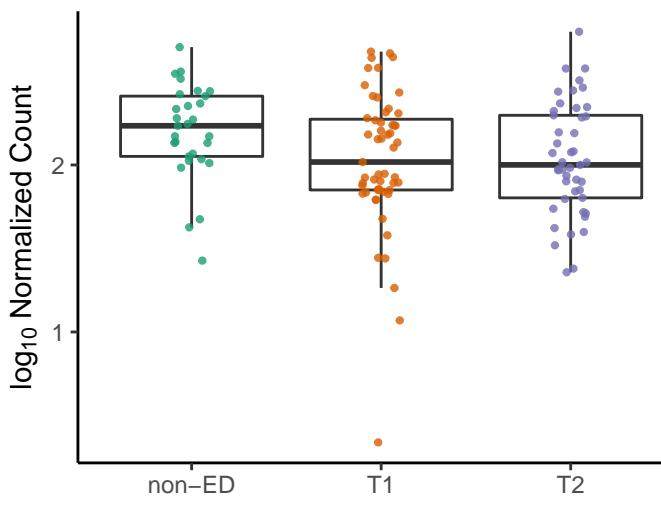
Unclassified candidate division Zixibacte

non-ED vs. T1 adjusted p = 0.067
non-ED vs. T2 adjusted p = 0.051
T1 vs. T2 adjusted p = 0.91



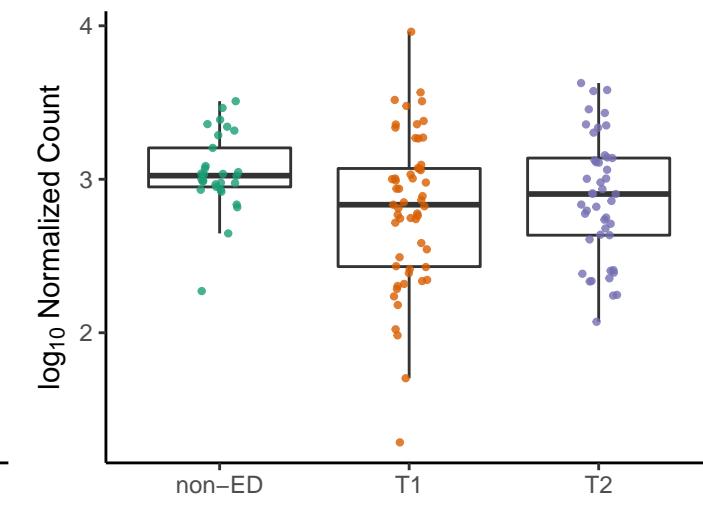
Moritella

non-ED vs. T1 adjusted p = 0.051
non-ED vs. T2 adjusted p = 0.051
T1 vs. T2 adjusted p = 1



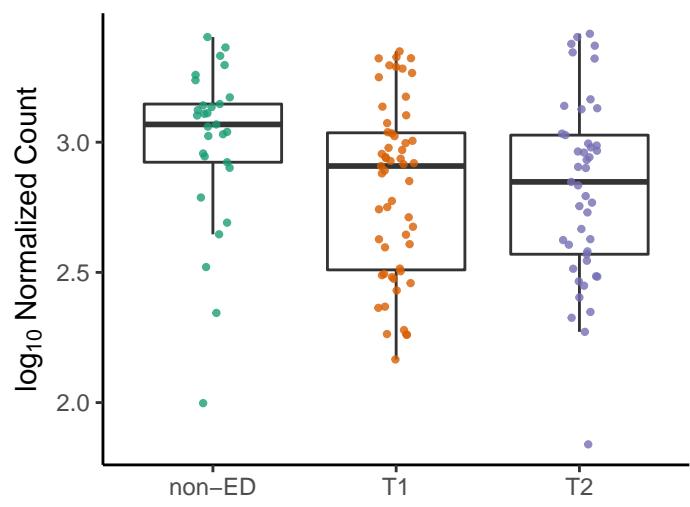
Pseudonocardia

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.051
T1 vs. T2 adjusted p = 0.79



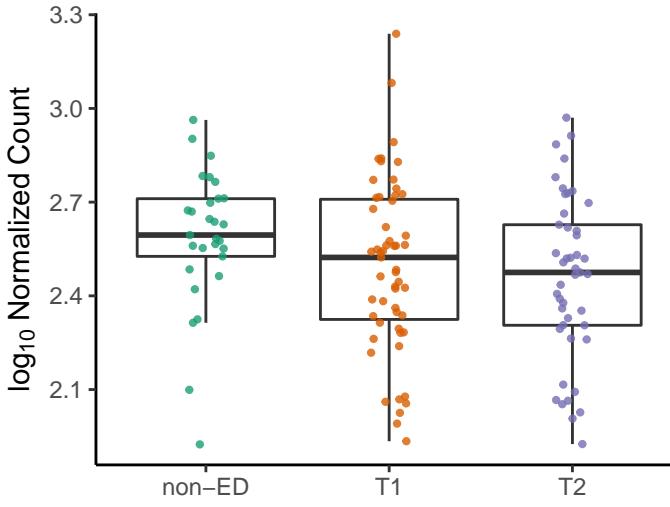
Thermoanaerobacterium

non-ED vs. T1 adjusted p = 0.038
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.99



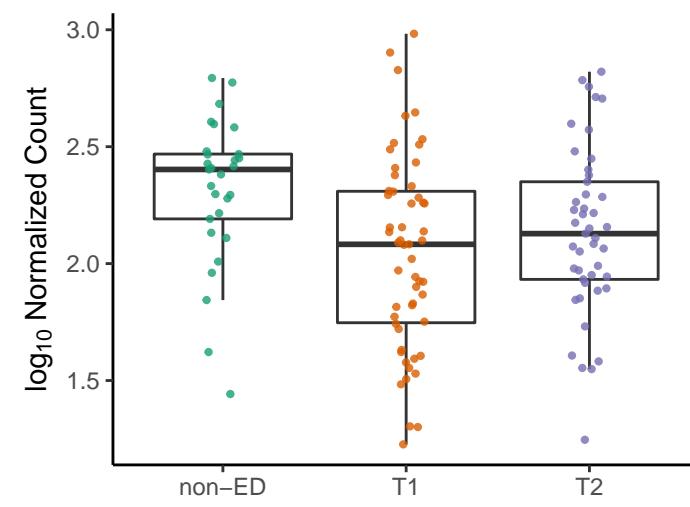
Echinicola

non-ED vs. T1 adjusted p = 0.14
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.83



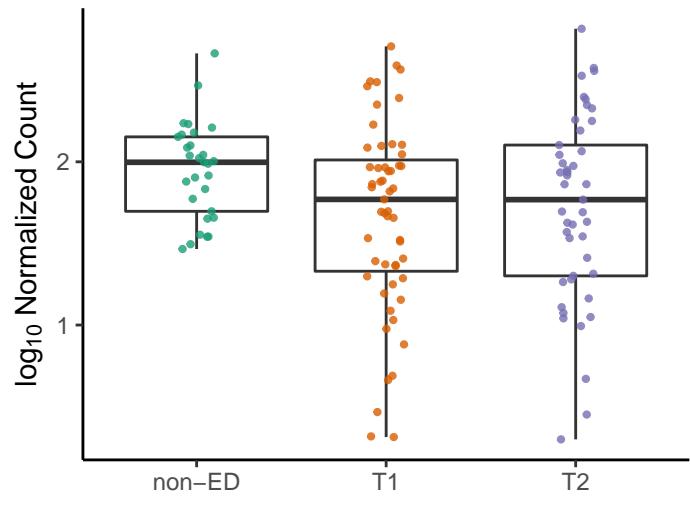
Roseobacter

non-ED vs. T1 adjusted p = 0.0066
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.79



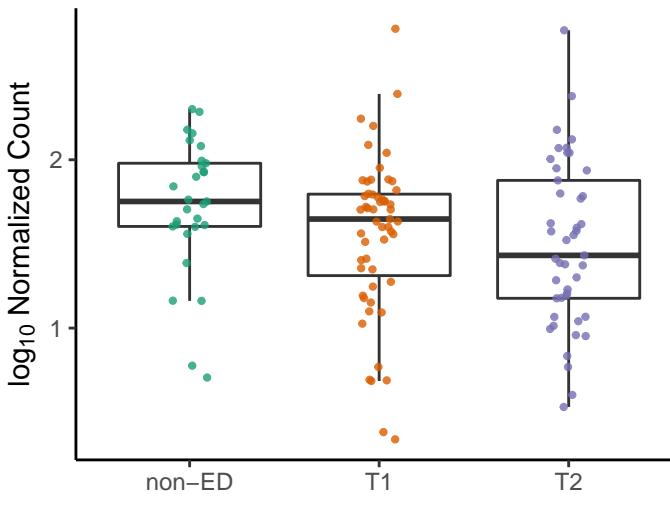
Halorussus

non-ED vs. T1 adjusted p = 0.013
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.85



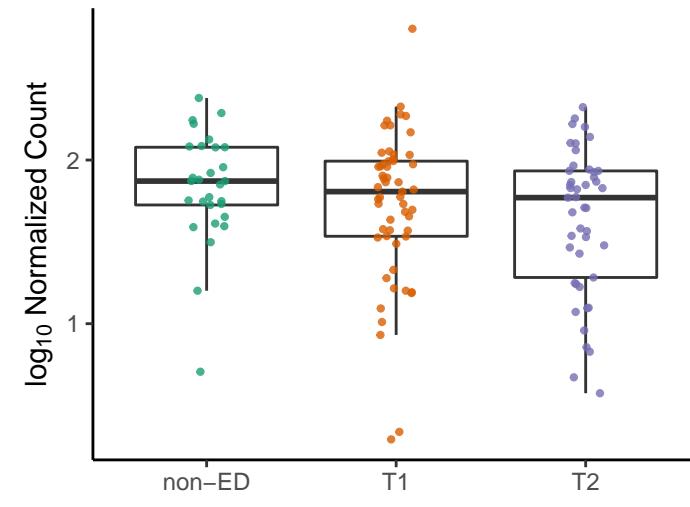
Flavivirga

non-ED vs. T1 adjusted p = 0.11
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.79



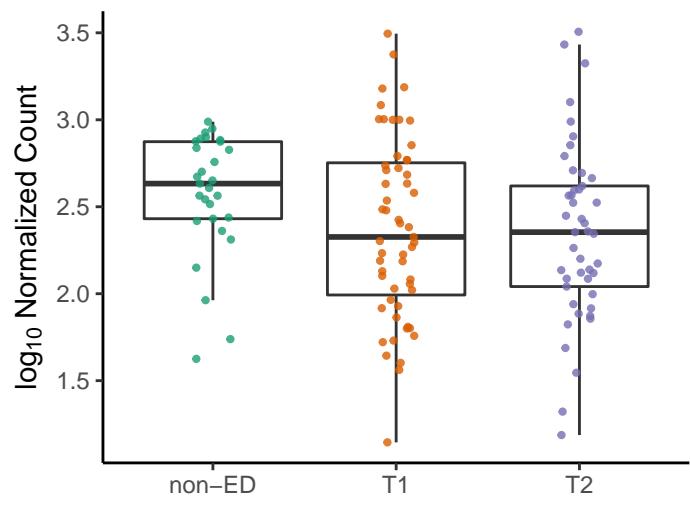
Planktothrix

non-ED vs. T1 adjusted p = 0.24
 non-ED vs. T2 adjusted p = 0.051
 T1 vs. T2 adjusted p = 0.79



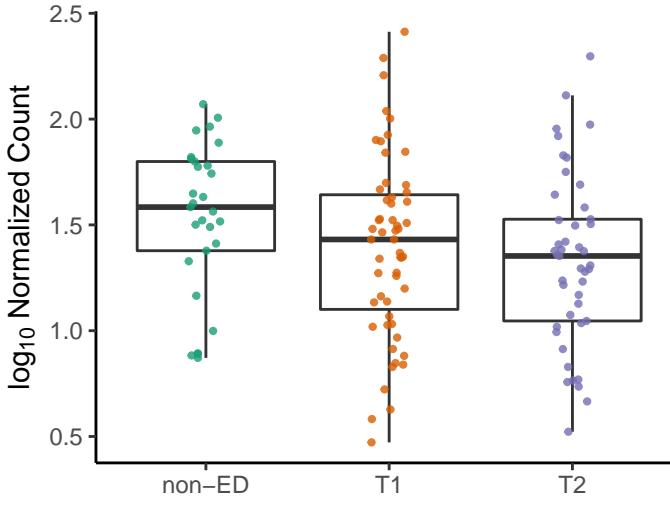
Rickettsia

non-ED vs. T1 adjusted p = 0.065
 non-ED vs. T2 adjusted p = 0.052
 T1 vs. T2 adjusted p = 0.89



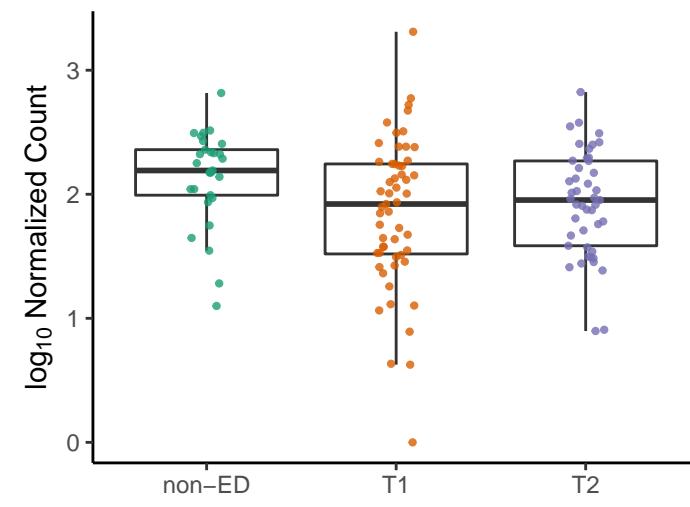
Agarilytica

non-ED vs. T1 adjusted p = 0.16
 non-ED vs. T2 adjusted p = 0.052
 T1 vs. T2 adjusted p = 0.79



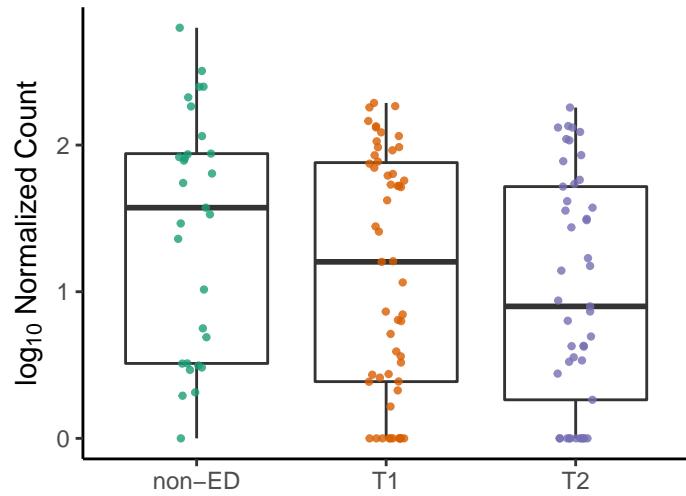
Methyloversatilis

non-ED vs. T1 adjusted p = 0.021
 non-ED vs. T2 adjusted p = 0.052
 T1 vs. T2 adjusted p = 0.79



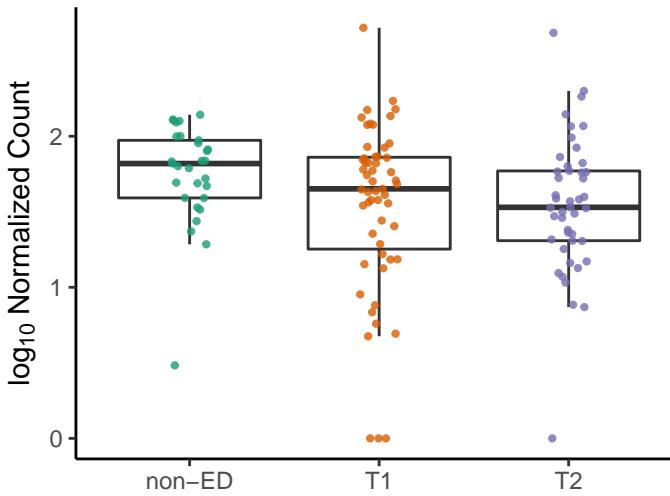
Unclassified Acidaminococcaceae Family

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.052
T1 vs. T2 adjusted p = 0.79



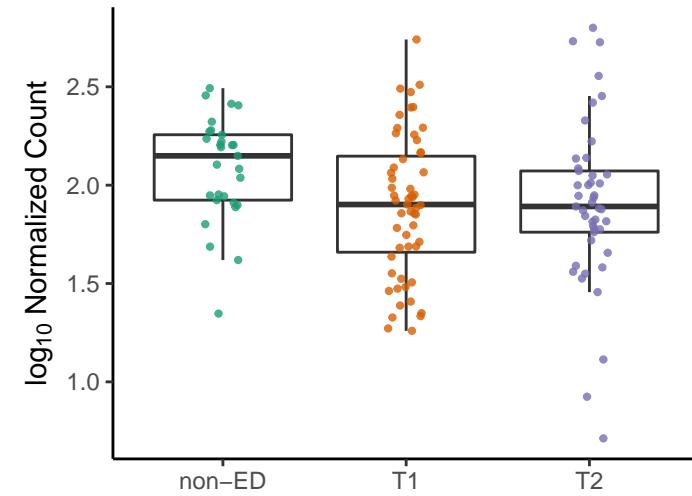
Woeseia

non-ED vs. T1 adjusted p = 0.055
non-ED vs. T2 adjusted p = 0.052
T1 vs. T2 adjusted p = 0.92



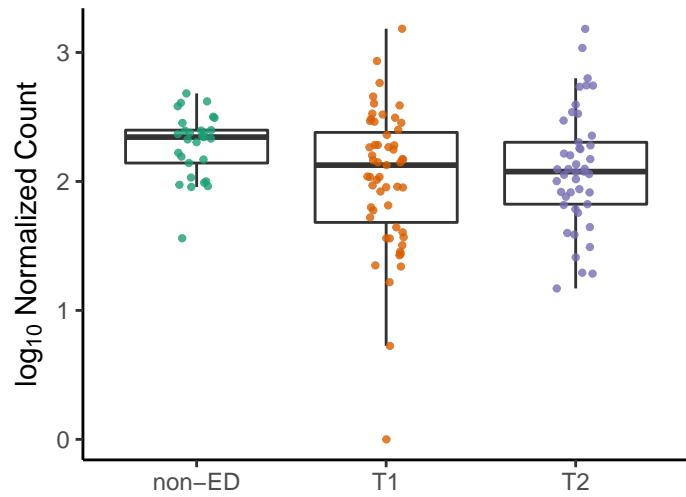
Zymomonas

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.052
T1 vs. T2 adjusted p = 0.95



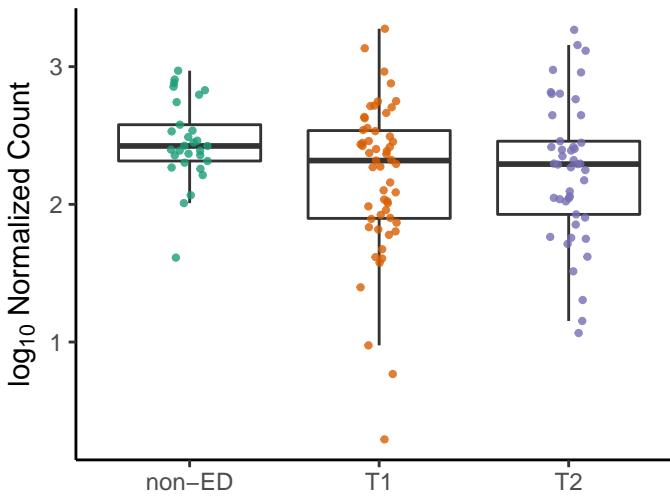
Methyloceanibacter

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.052
T1 vs. T2 adjusted p = 0.79



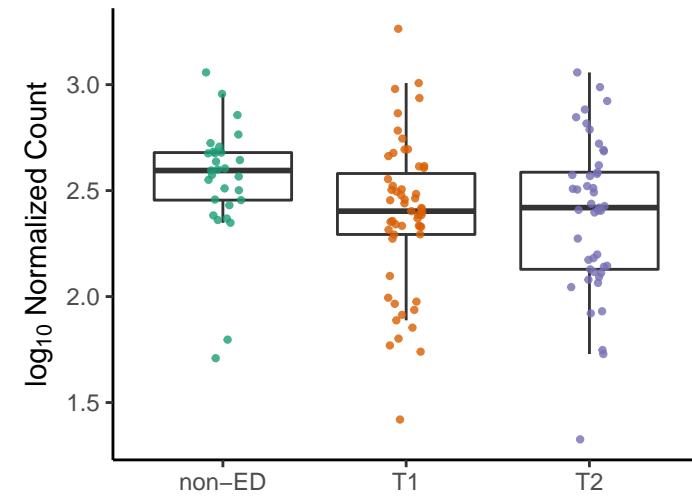
Friedmanniella

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.053
T1 vs. T2 adjusted p = 0.79



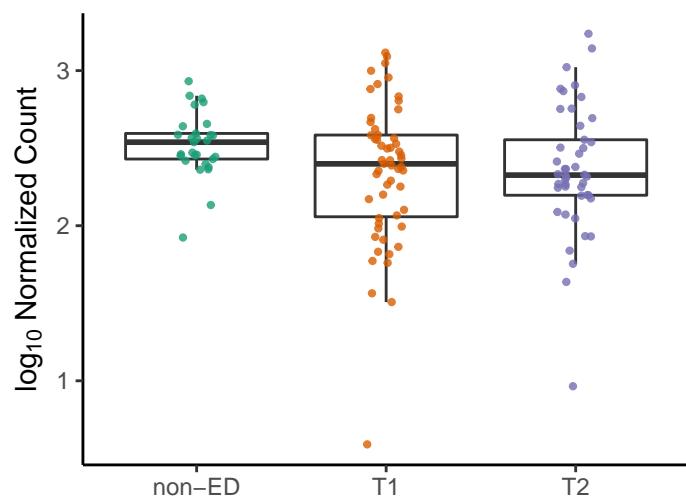
Formosa

non-ED vs. T1 adjusted p = 0.041
non-ED vs. T2 adjusted p = 0.053
T1 vs. T2 adjusted p = 0.92



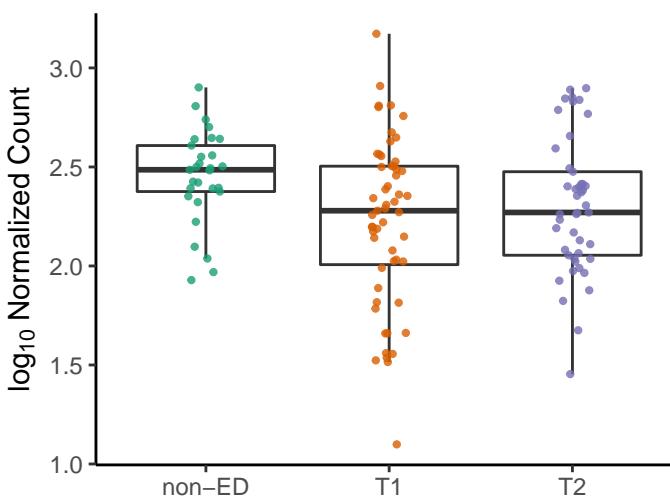
Porphyrobacter

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.053
T1 vs. T2 adjusted p = 0.9



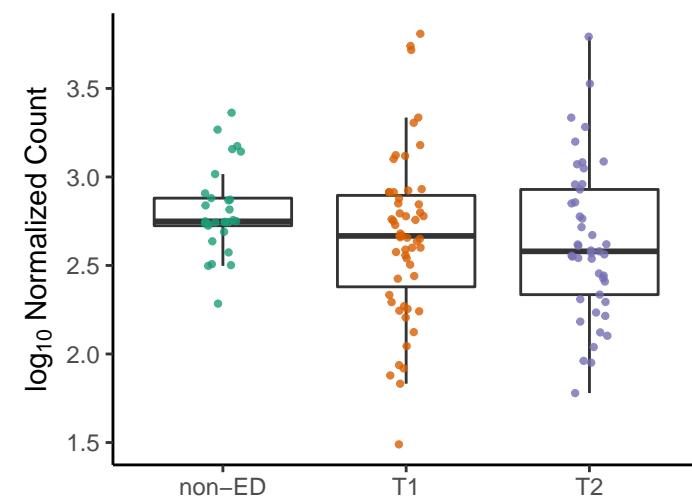
Pannonibacter

non-ED vs. T1 adjusted p = 0.0086
non-ED vs. T2 adjusted p = 0.053
T1 vs. T2 adjusted p = 0.79



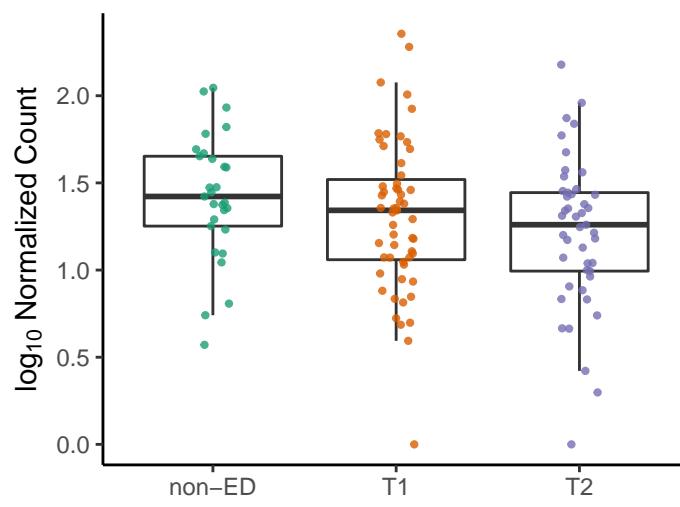
Trueperella

non-ED vs. T1 adjusted p = 0.084
non-ED vs. T2 adjusted p = 0.053
T1 vs. T2 adjusted p = 0.93



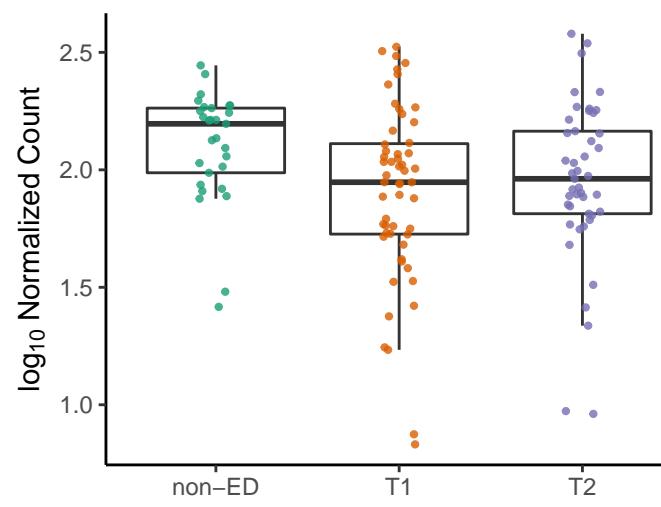
Candidatus Cardinium

non-ED vs. T1 adjusted p = 0.25
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.79



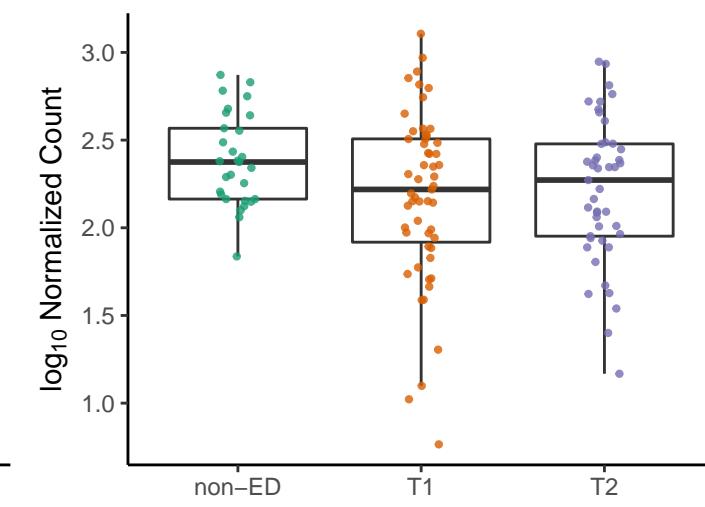
Pseudanabaena

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.81



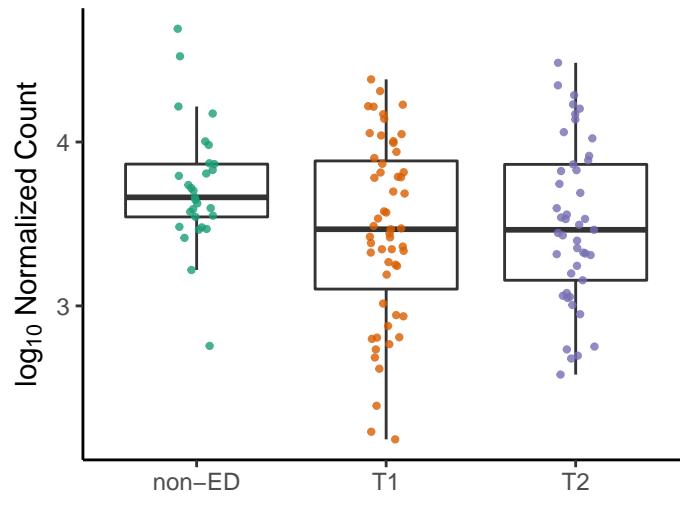
Thermaanaerobiovibrio

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.8



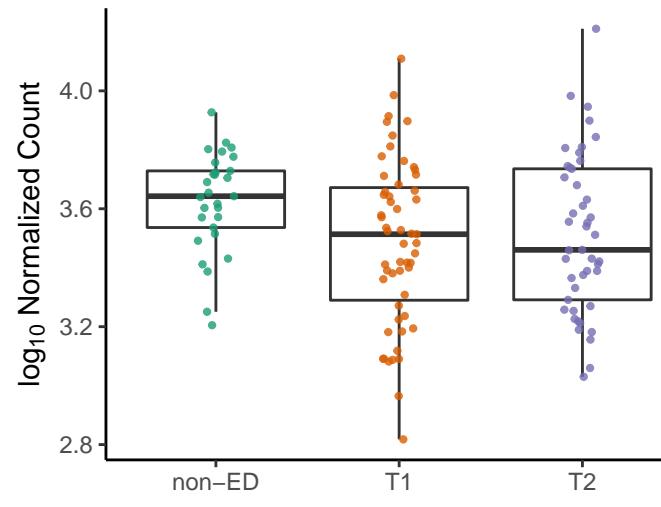
Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted p = 0.023
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.79



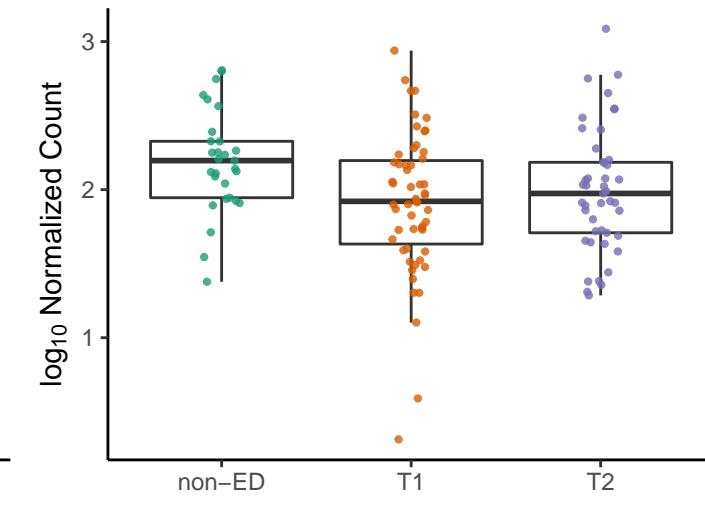
Vibrio

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.83



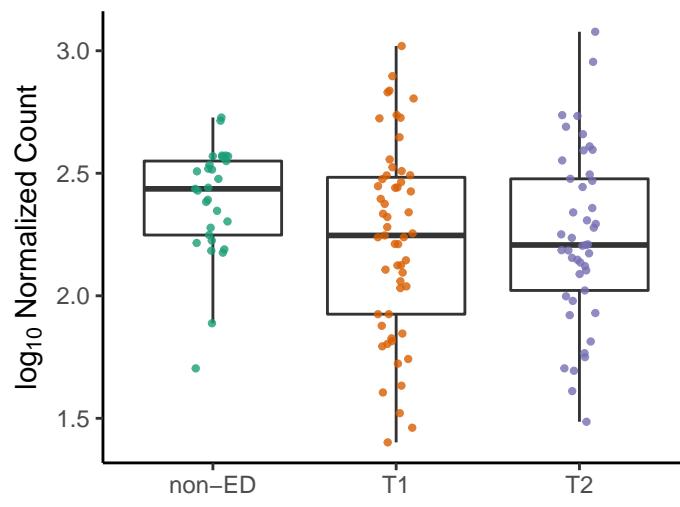
Kiritimatiella

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.79



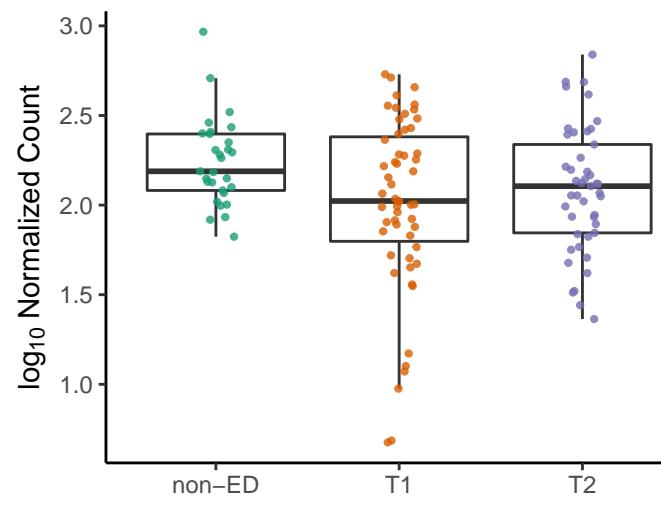
Halioglobus

non-ED vs. T1 adjusted p = 0.037
non-ED vs. T2 adjusted p = 0.054
T1 vs. T2 adjusted p = 0.85



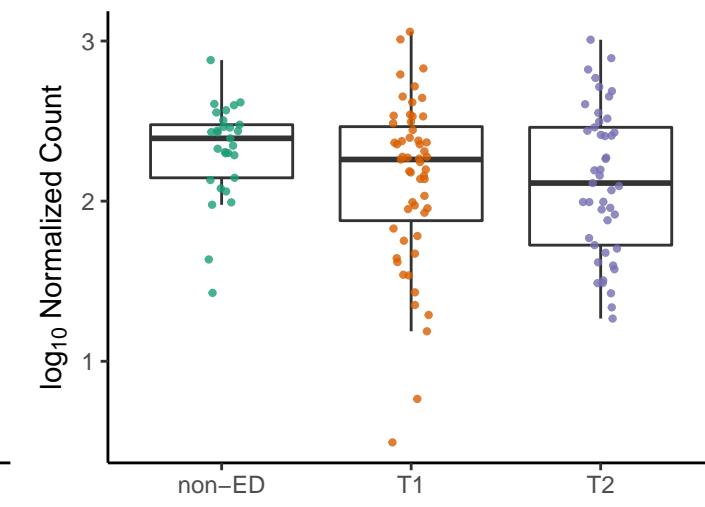
Labrys

non-ED vs. T1 adjusted p = 0.013
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.79



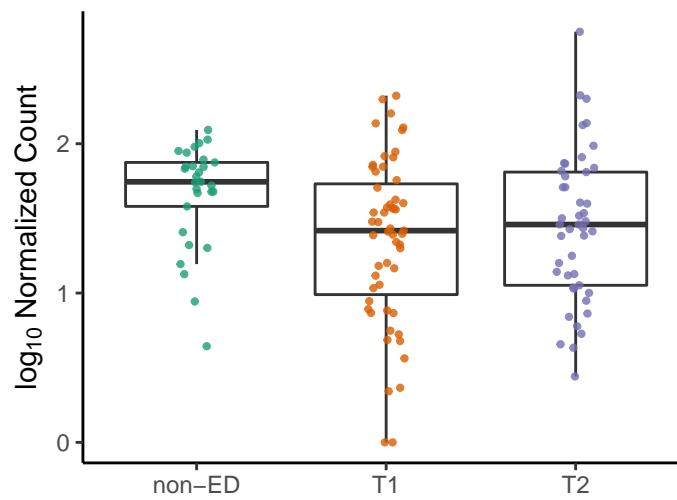
Desulfocurvibacter

non-ED vs. T1 adjusted p = 0.061
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.93



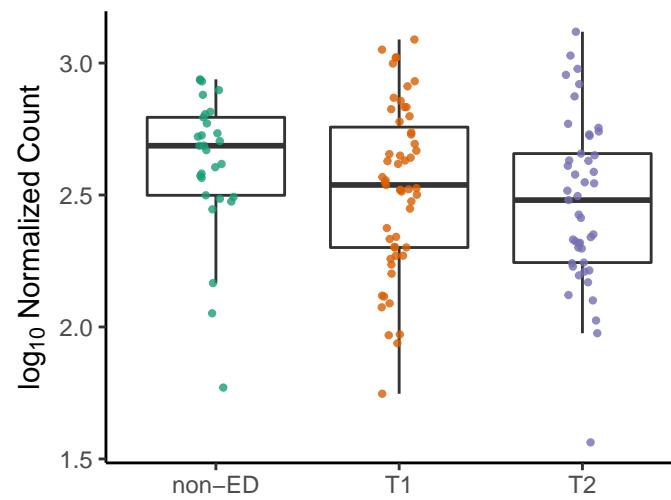
Halogeometricum

non-ED vs. T1 adjusted p = 0.0093
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.79



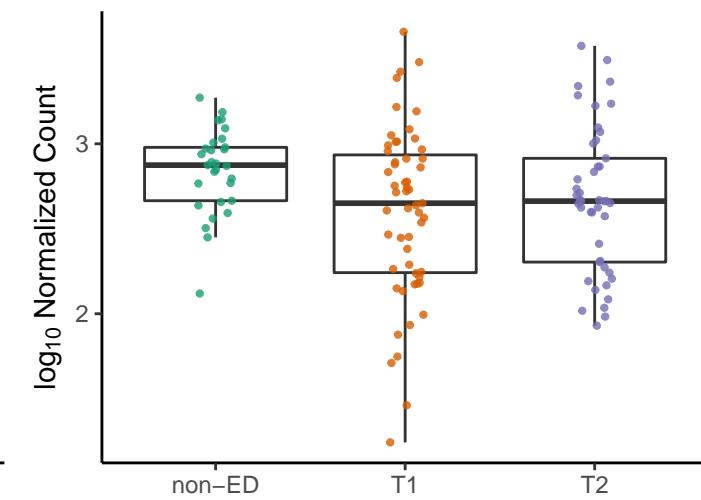
Proteus

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.85



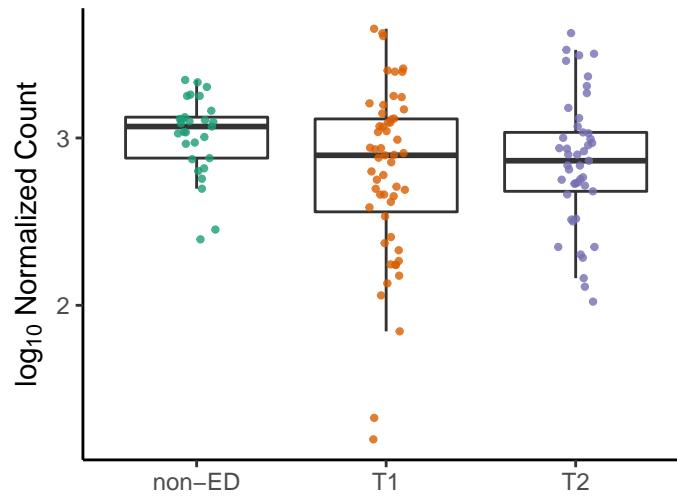
Symbiobacterium

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.79



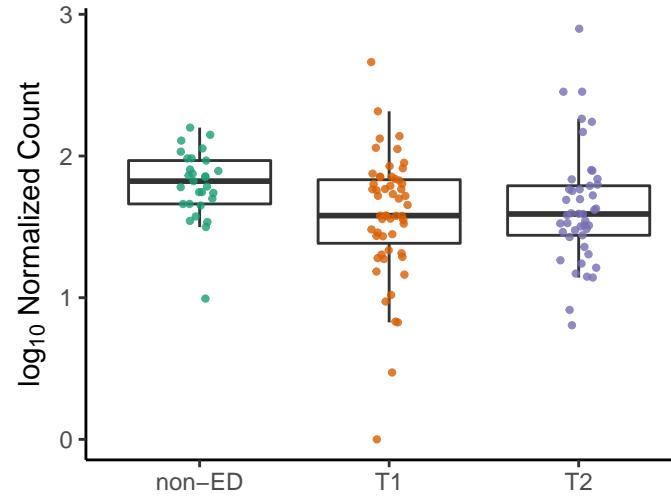
Thermaerobacter

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.79



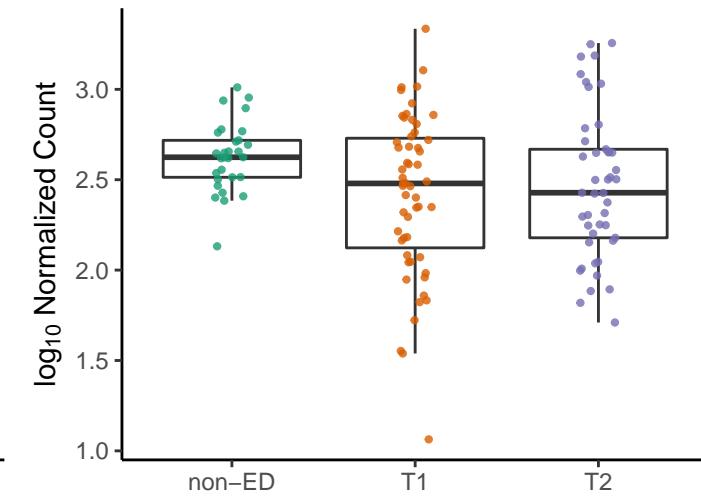
Methanospirillum

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.83



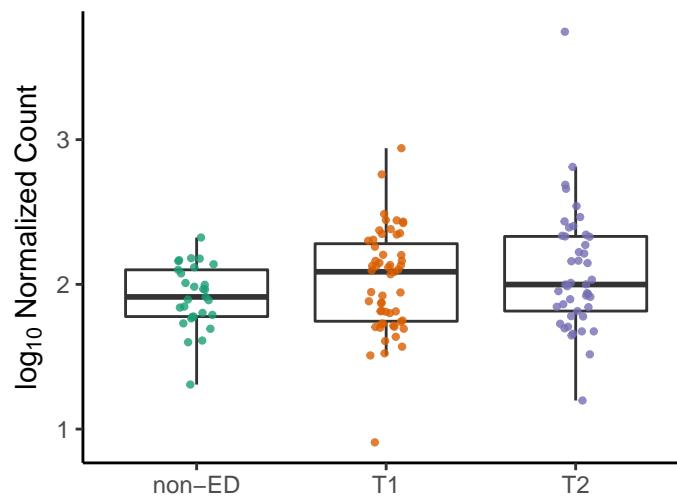
Alicyclobacillus

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.055
T1 vs. T2 adjusted p = 0.79



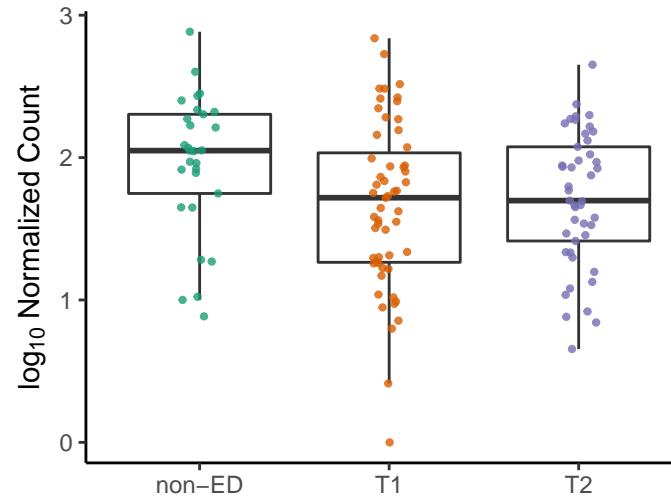
Oceanispirochaeta

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.056
T1 vs. T2 adjusted p = 0.89



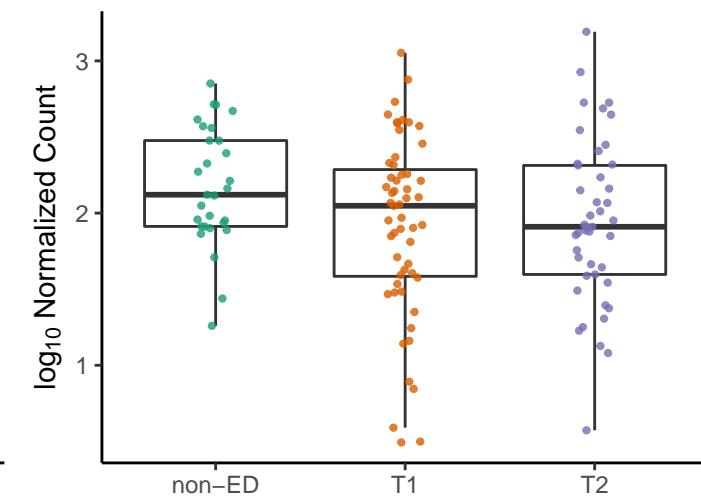
Oerskovia

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.056
T1 vs. T2 adjusted p = 0.84



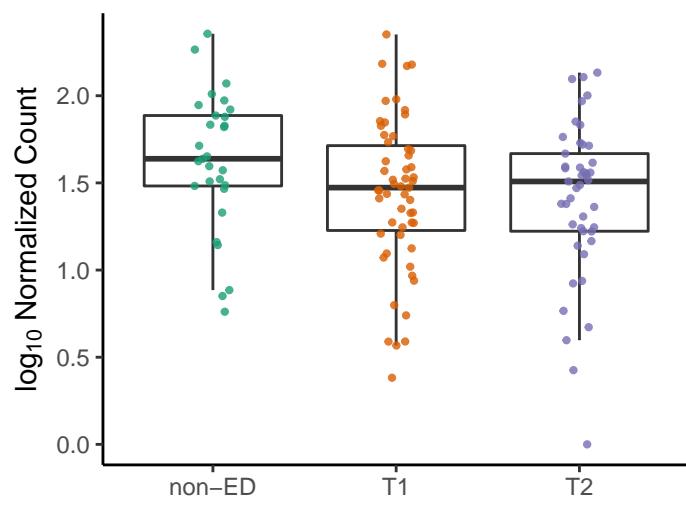
Oceanithermus

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.83



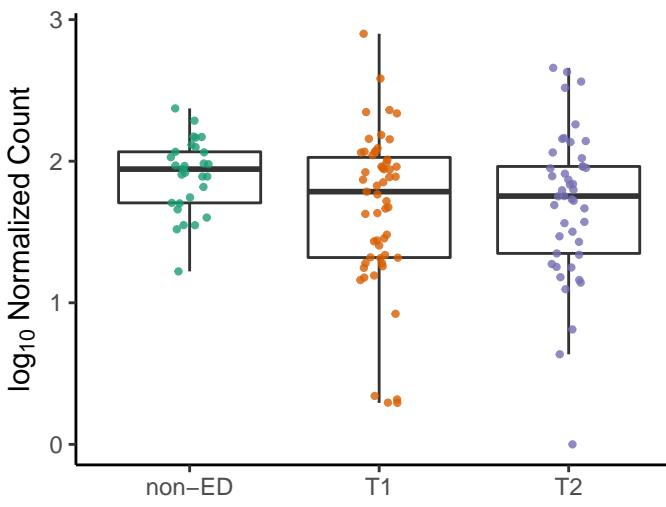
Cycloclasticus

non-ED vs. T1 adjusted p = 0.079
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.99



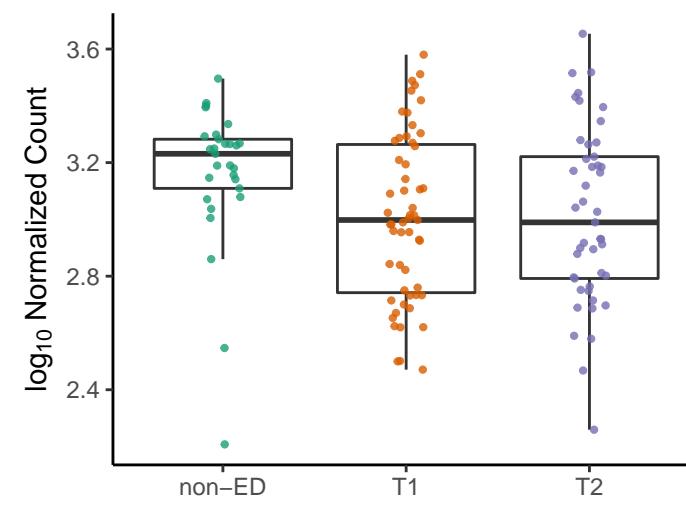
Boseongicola

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.86



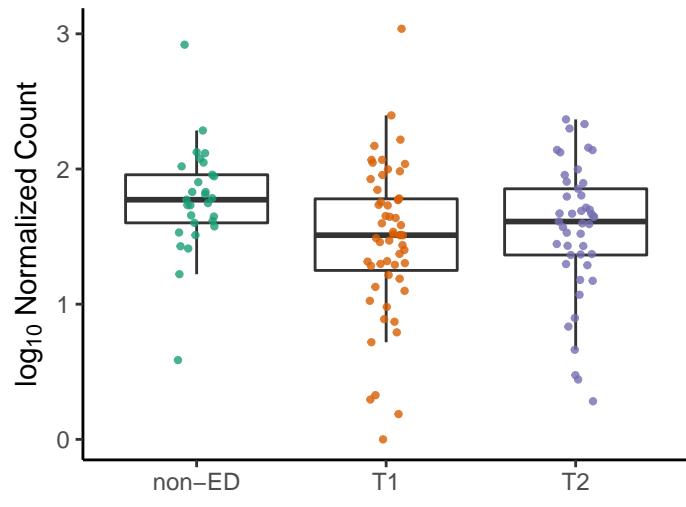
Unclassified Bacillaceae Family

non-ED vs. T1 adjusted p = 0.033
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.97



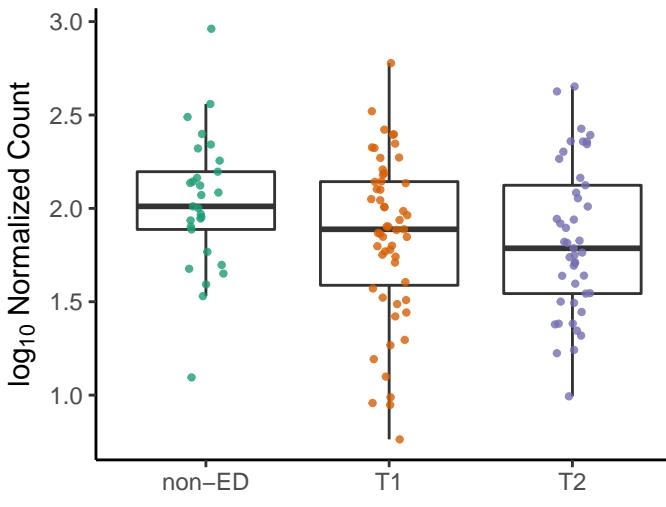
Unclassified Chromatiales Order

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.79



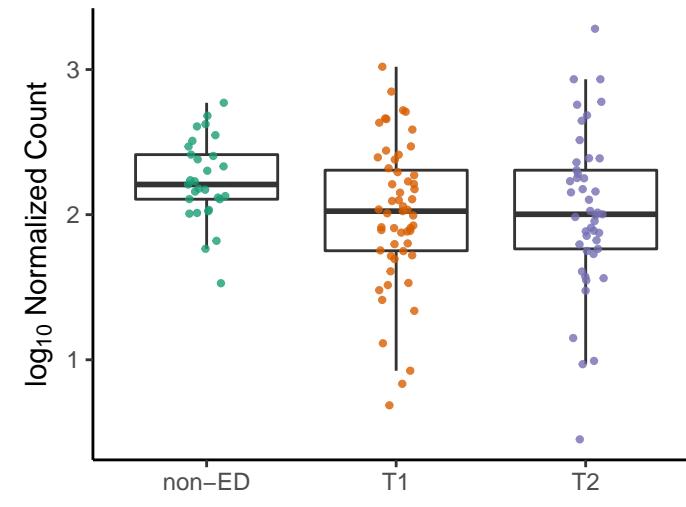
Unclassified Frankiales Order

non-ED vs. T1 adjusted p = 0.069
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.99



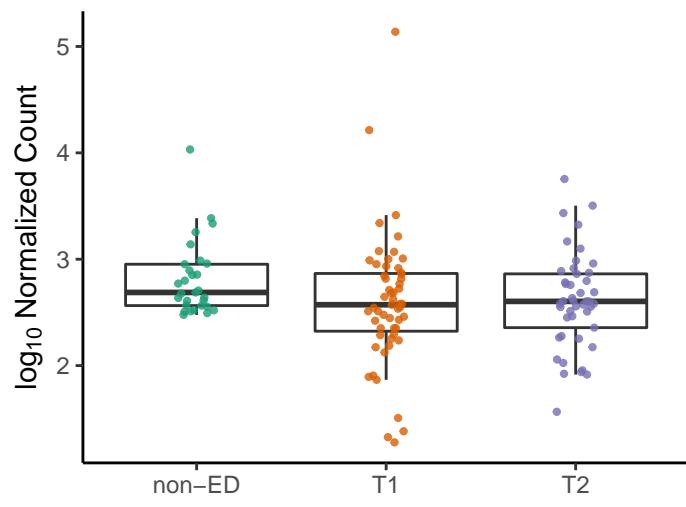
Unclassified Gemmataceae Family

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.81



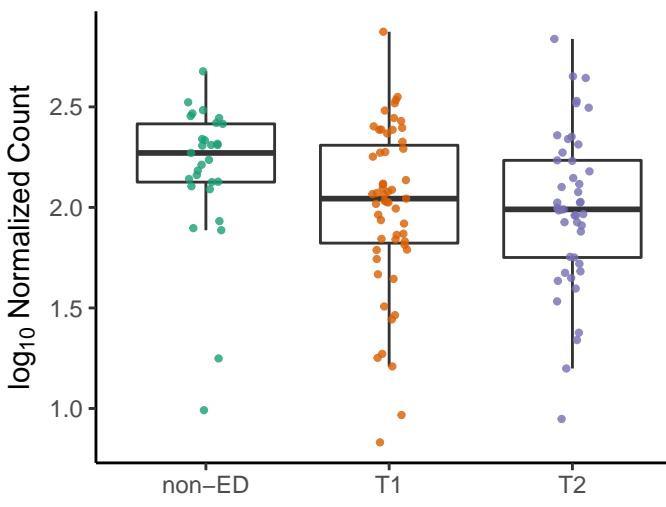
Unclassified Victivallales Order

non-ED vs. T1 adjusted p = 0.069
non-ED vs. T2 adjusted p = 0.057
T1 vs. T2 adjusted p = 0.85



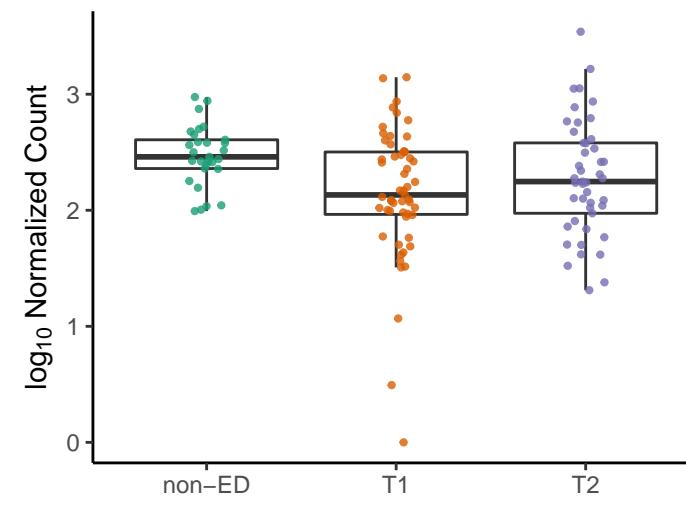
Solitalea

non-ED vs. T1 adjusted p = 0.054
non-ED vs. T2 adjusted p = 0.058
T1 vs. T2 adjusted p = 0.98



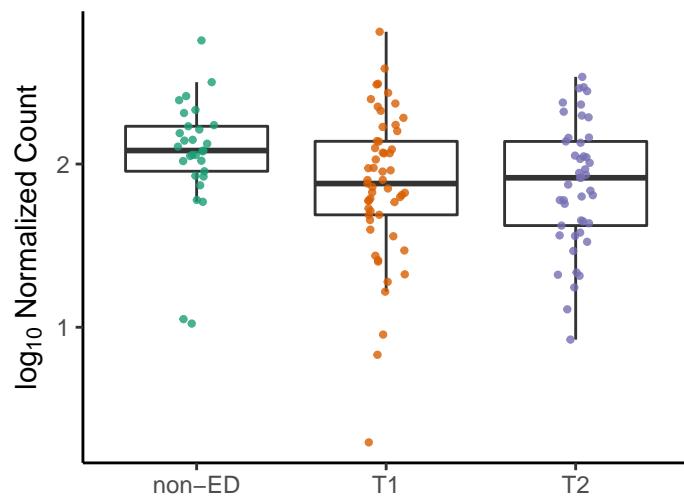
Catenulispora

non-ED vs. T1 adjusted p = 0.0047
non-ED vs. T2 adjusted p = 0.058
T1 vs. T2 adjusted p = 0.79



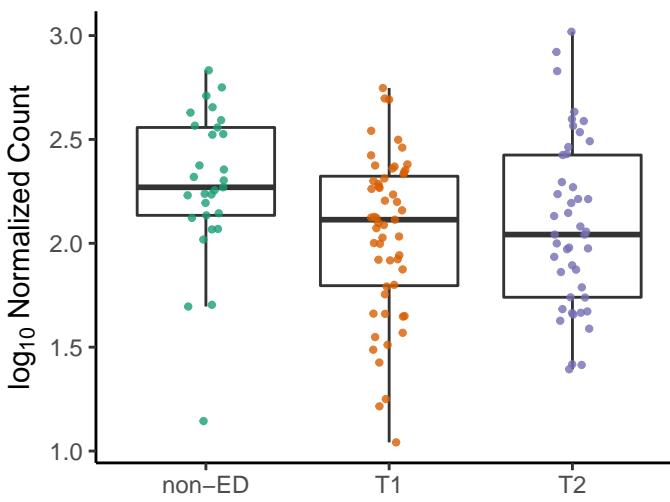
Jannaschia

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



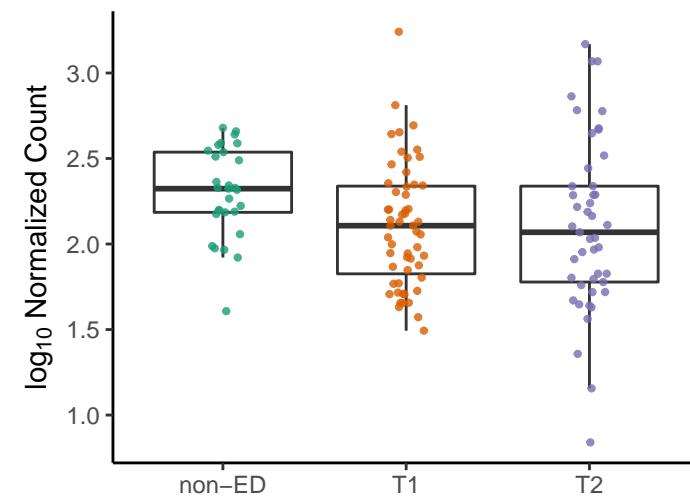
Pochonia

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.058
T1 vs. T2 adjusted p = 0.9



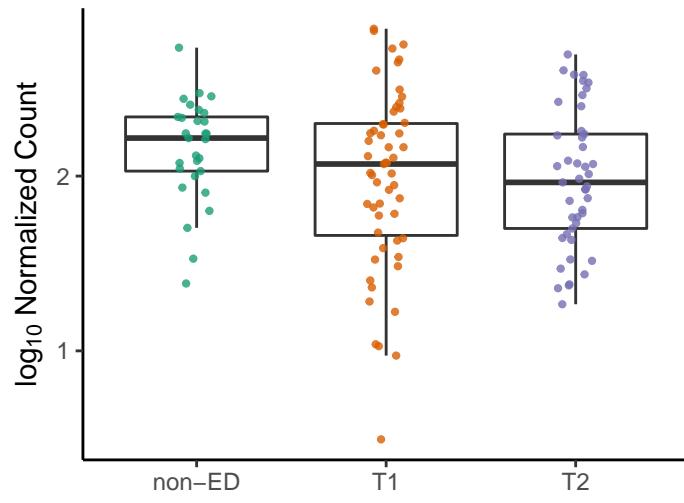
Salinicoccus

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.97



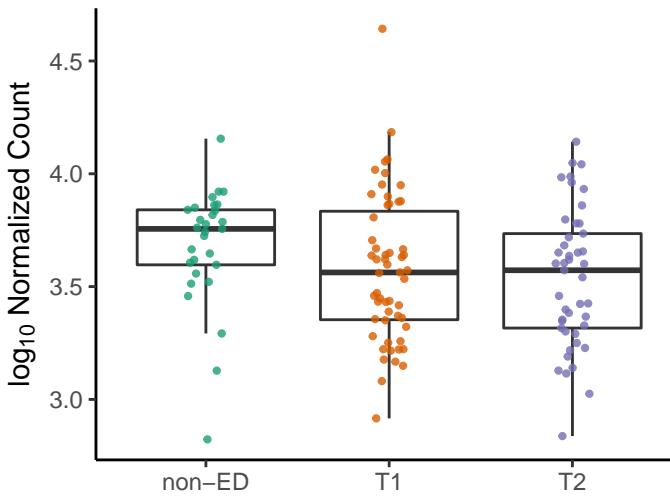
Natronolimnobius

non-ED vs. T1 adjusted p = 0.084
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.91



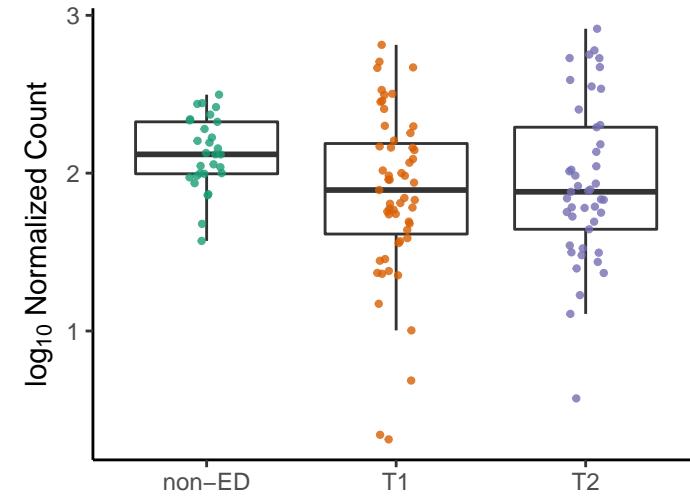
Staphylococcus

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



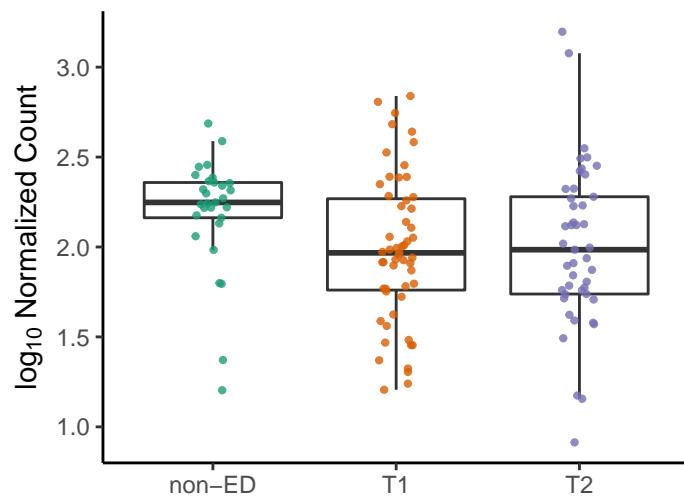
Gluconacetobacter

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.81



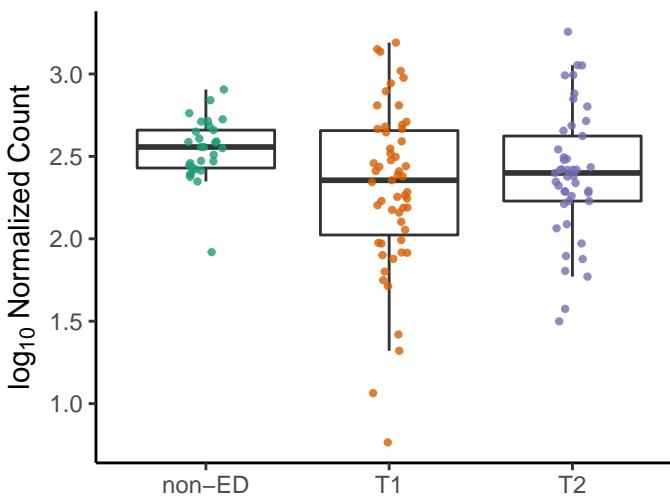
Kazachstania

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 1



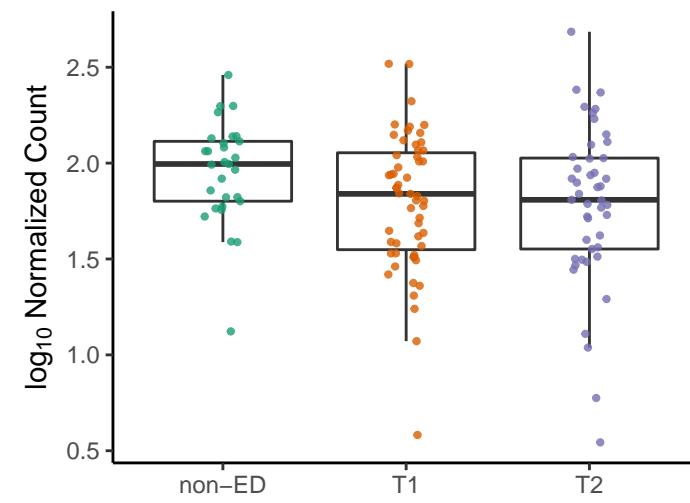
Roseomonas

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.79



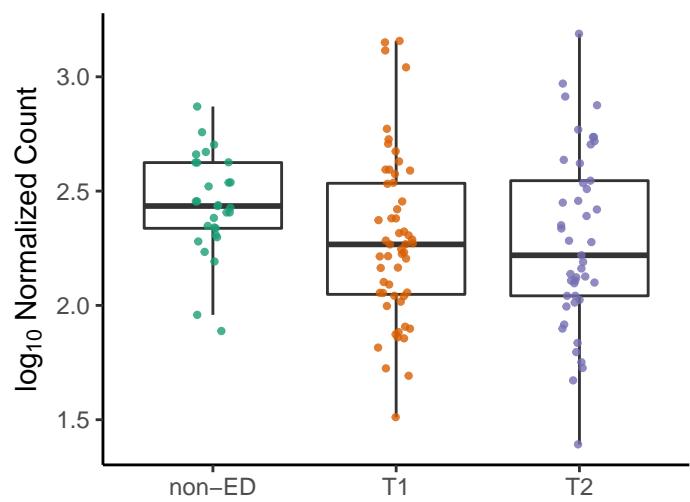
Phyllobacterium

non-ED vs. T1 adjusted p = 0.046
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.99



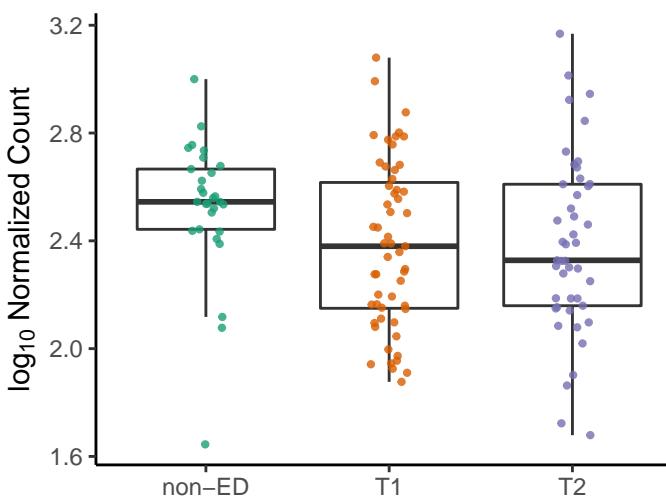
Cryptococcus

non-ED vs. T1 adjusted p = 0.038
non-ED vs. T2 adjusted p = 0.059
T1 vs. T2 adjusted p = 0.93



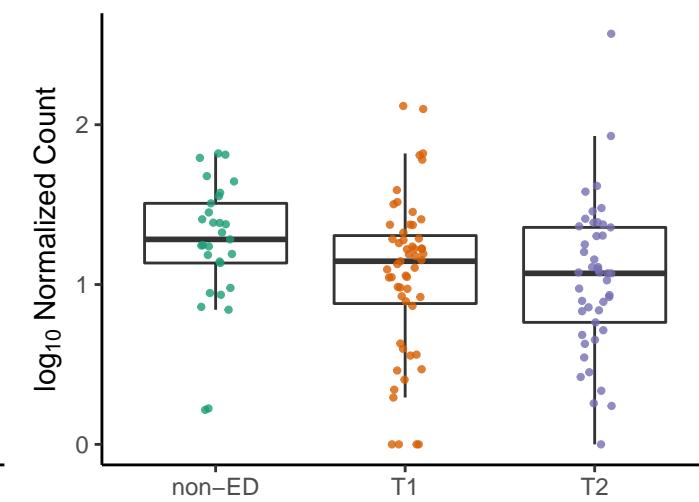
Fictibacillus

non-ED vs. T1 adjusted p = 0.041
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.99



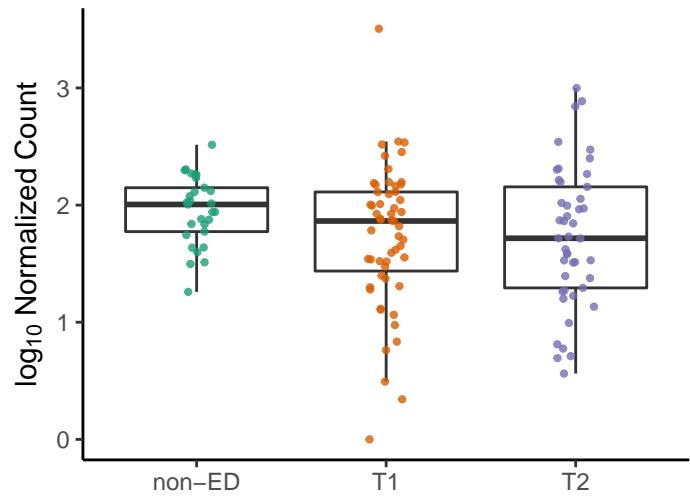
Cuniculiplasma

non-ED vs. T1 adjusted p = 0.073
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.85



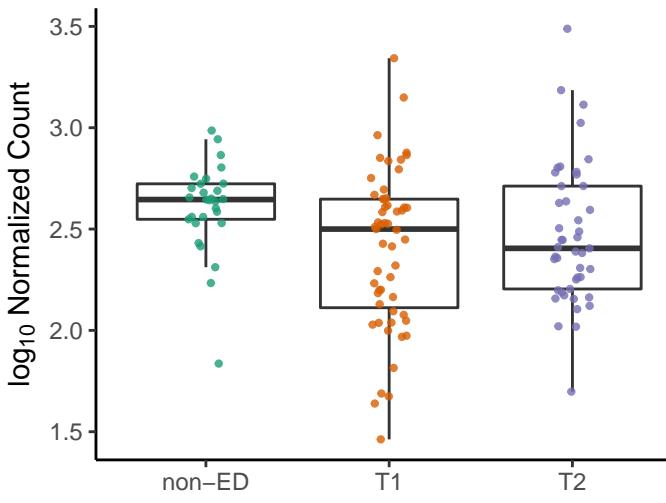
Luteimicrobium

non-ED vs. T1 adjusted p = 0.047
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.97



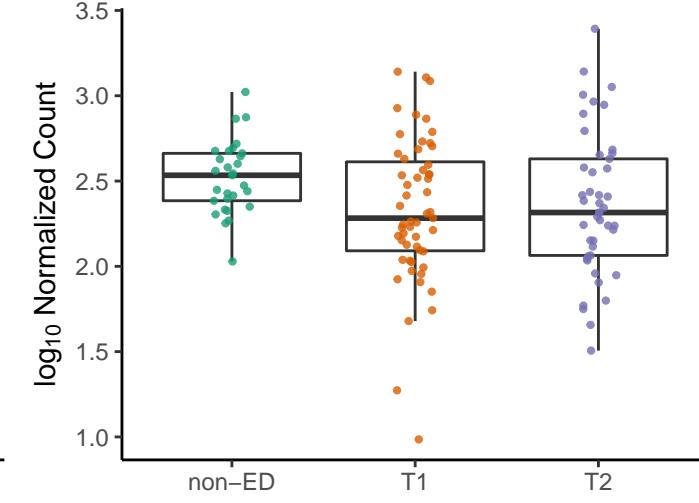
Moraxella

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.86



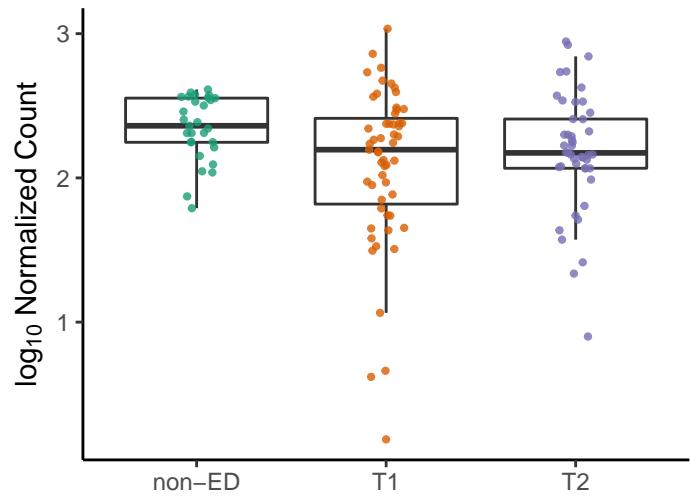
Azotobacter

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.8



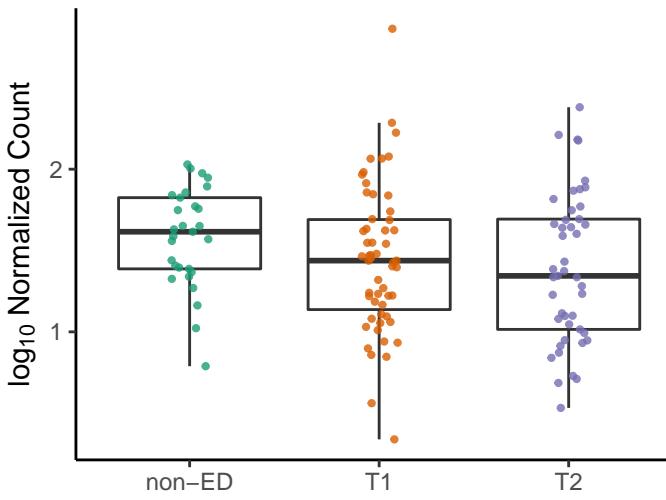
Unclassified Caulobacteraceae Family

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.79



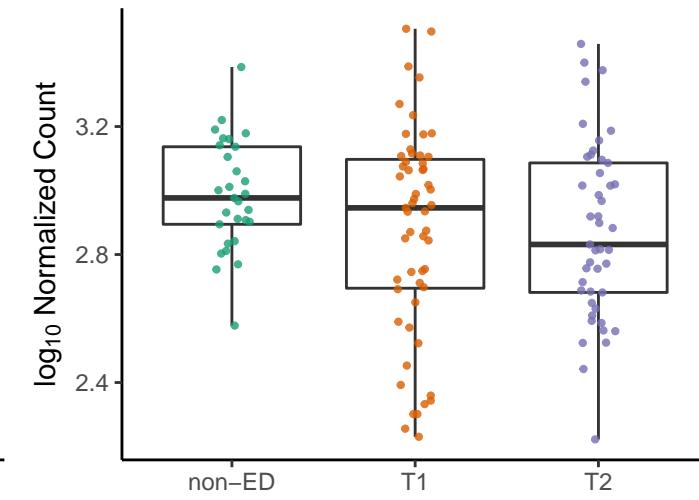
Trichormus

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.85



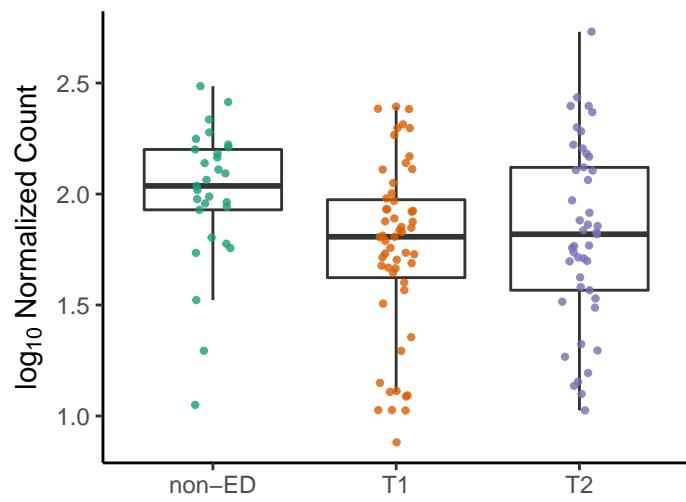
Spirosoma

non-ED vs. T1 adjusted p = 0.071
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.98



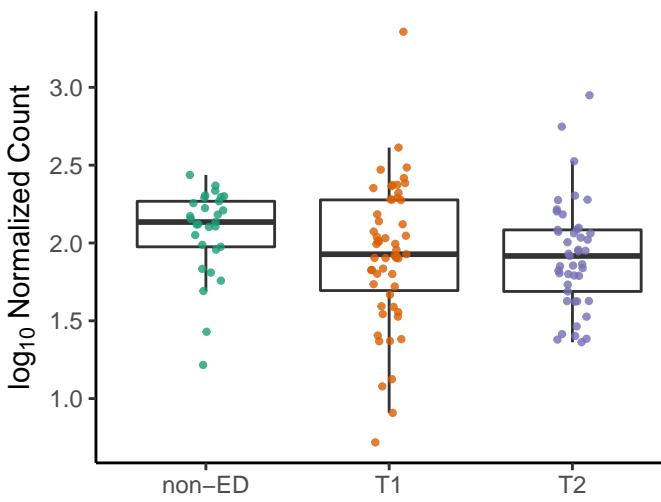
Lacmicrombium

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 0.79



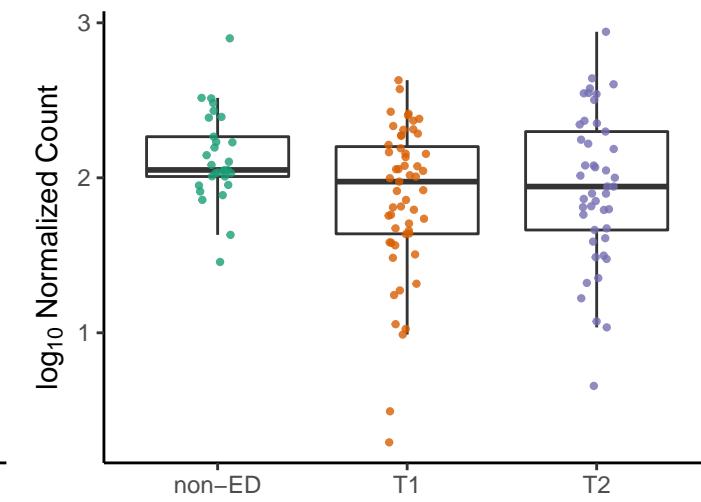
Scytonema

non-ED vs. T1 adjusted p = 0.1
non-ED vs. T2 adjusted p = 0.06
T1 vs. T2 adjusted p = 1



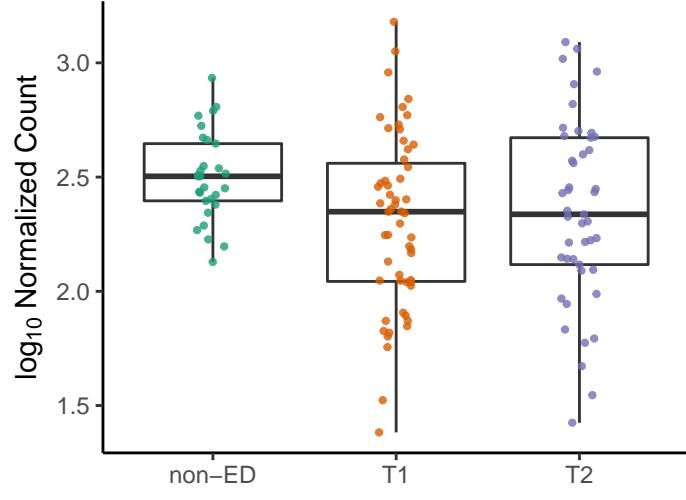
Unclassified Propionibacteriales Order

non-ED vs. T1 adjusted p = 0.0082
non-ED vs. T2 adjusted p = 0.061
T1 vs. T2 adjusted p = 0.79



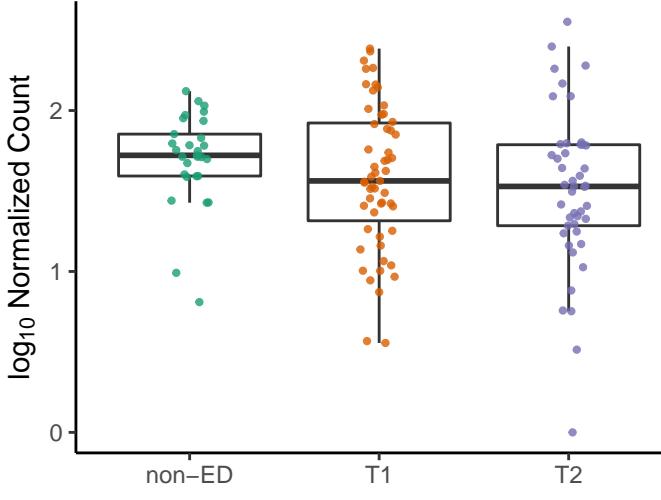
Diaphorobacter

non-ED vs. T1 adjusted p = 0.0098
non-ED vs. T2 adjusted p = 0.061
T1 vs. T2 adjusted p = 0.79



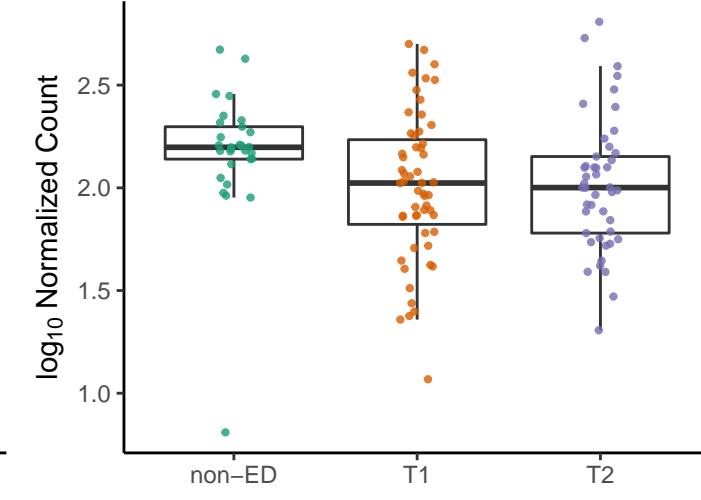
Piscirickettsia

non-ED vs. T1 adjusted p = 0.2
non-ED vs. T2 adjusted p = 0.062
T1 vs. T2 adjusted p = 0.79



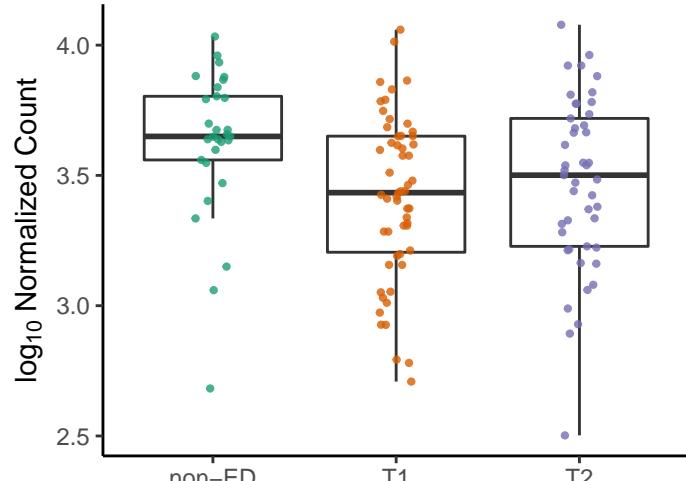
Filimonas

non-ED vs. T1 adjusted p = 0.046
non-ED vs. T2 adjusted p = 0.062
T1 vs. T2 adjusted p = 1



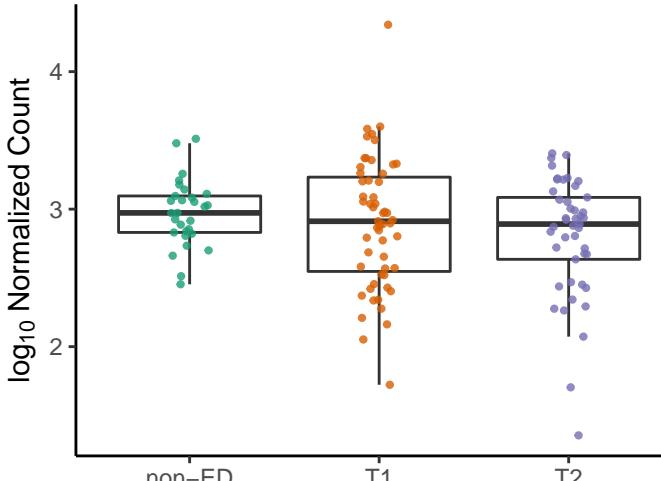
Pseudobutyrivibrio

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.062
T1 vs. T2 adjusted p = 0.79



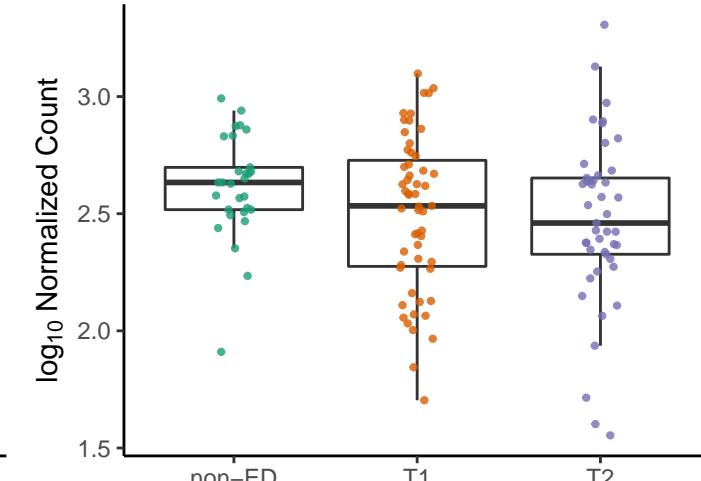
Tannerella

non-ED vs. T1 adjusted p = 0.39
non-ED vs. T2 adjusted p = 0.062
T1 vs. T2 adjusted p = 0.79



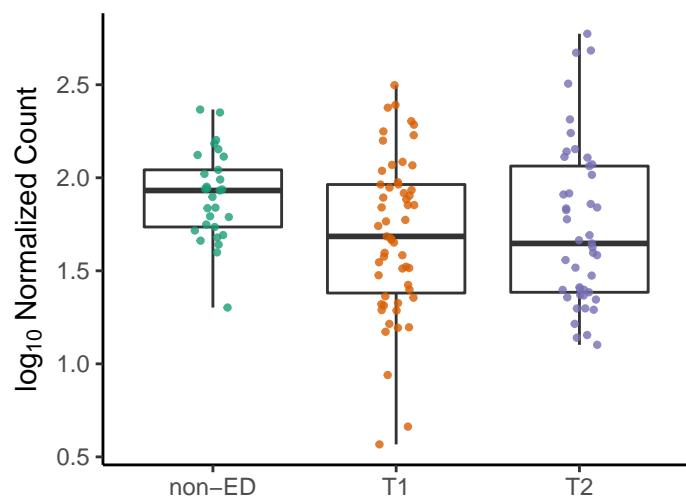
Actinobacillus

non-ED vs. T1 adjusted p = 0.092
non-ED vs. T2 adjusted p = 0.063
T1 vs. T2 adjusted p = 0.97



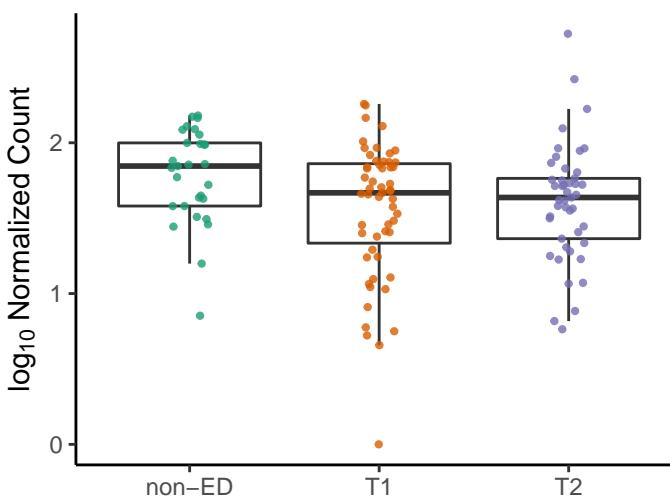
Chthomonas

non-ED vs. T1 adjusted p = 0.012
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.82



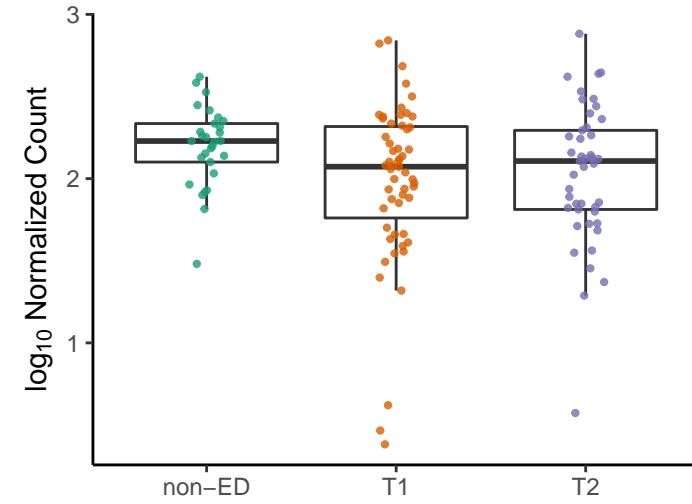
Cylindrospermum

non-ED vs. T1 adjusted p = 0.019
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.8



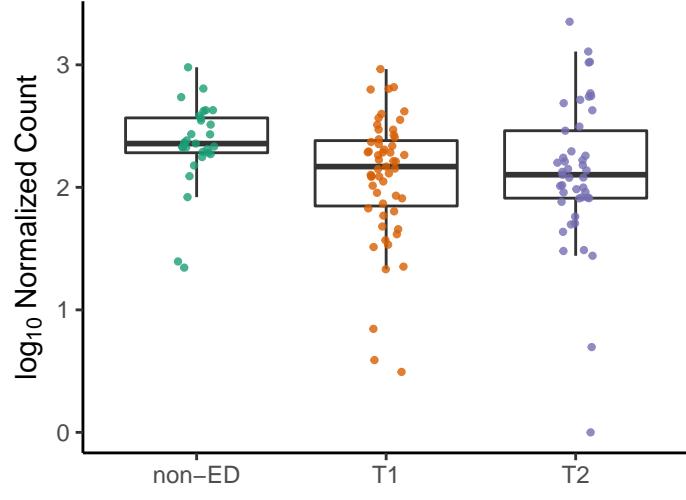
Methanocella

non-ED vs. T1 adjusted p = 0.022
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.79



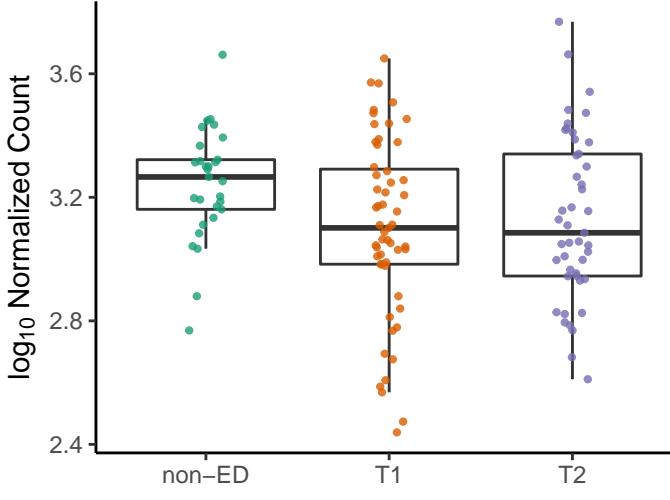
Vogesella

non-ED vs. T1 adjusted p = 0.013
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.83



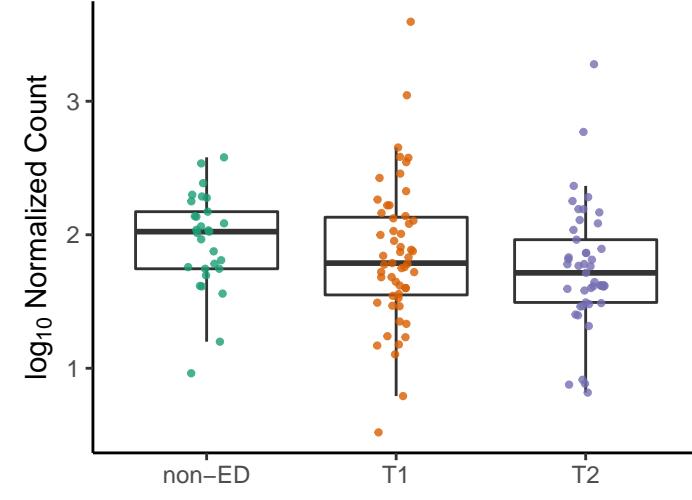
Brevibacillus

non-ED vs. T1 adjusted p = 0.019
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.8



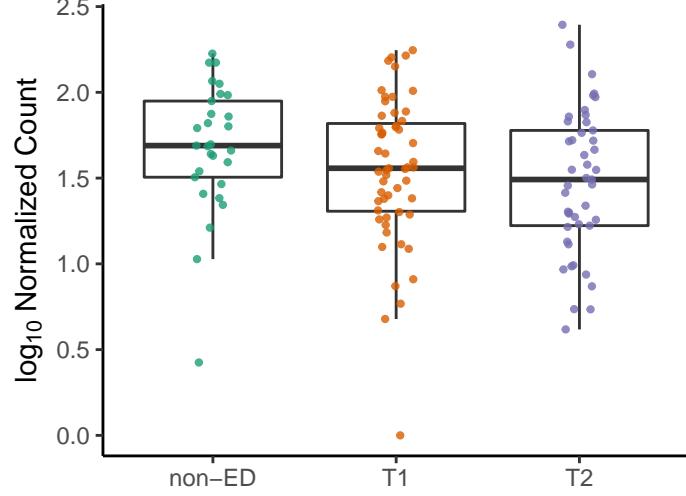
Methanospaera

non-ED vs. T1 adjusted p = 0.34
 non-ED vs. T2 adjusted p = 0.063
 T1 vs. T2 adjusted p = 0.79



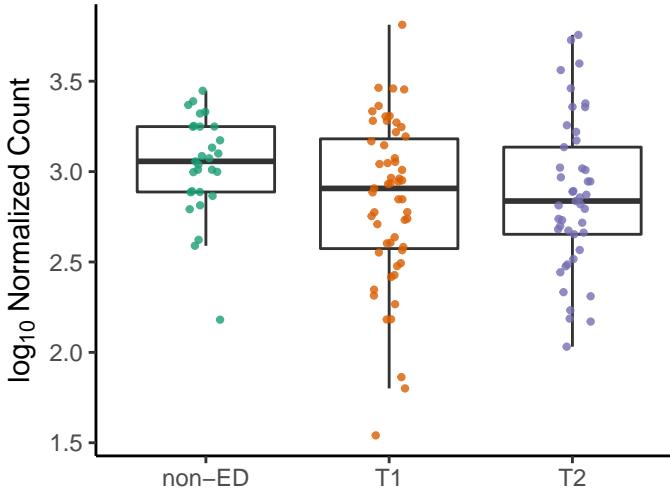
Unclassified Erwiniaceae Family

non-ED vs. T1 adjusted p = 0.18
 non-ED vs. T2 adjusted p = 0.064
 T1 vs. T2 adjusted p = 0.92



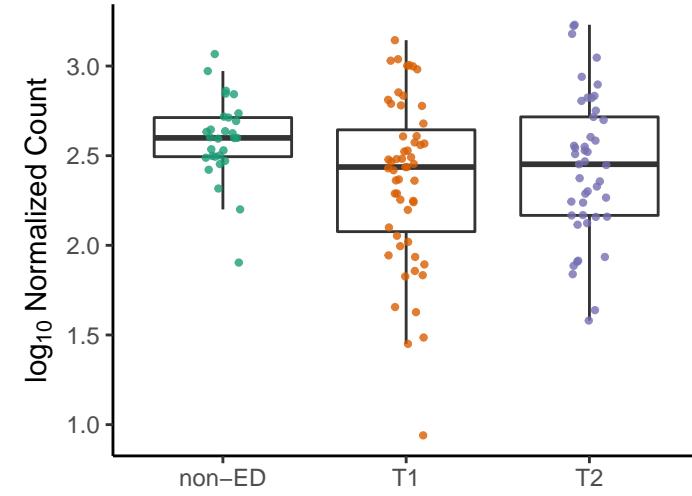
Frankia

non-ED vs. T1 adjusted p = 0.028
 non-ED vs. T2 adjusted p = 0.064
 T1 vs. T2 adjusted p = 0.8



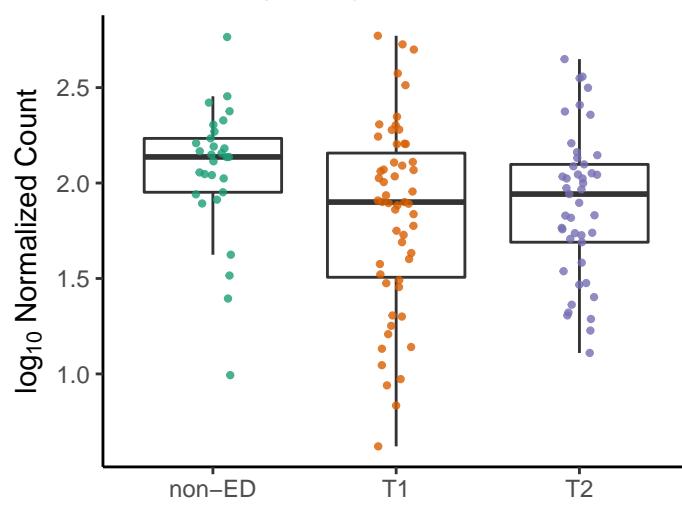
Unclassified Micrococcaceae Family

non-ED vs. T1 adjusted p = 0.012
 non-ED vs. T2 adjusted p = 0.064
 T1 vs. T2 adjusted p = 0.79



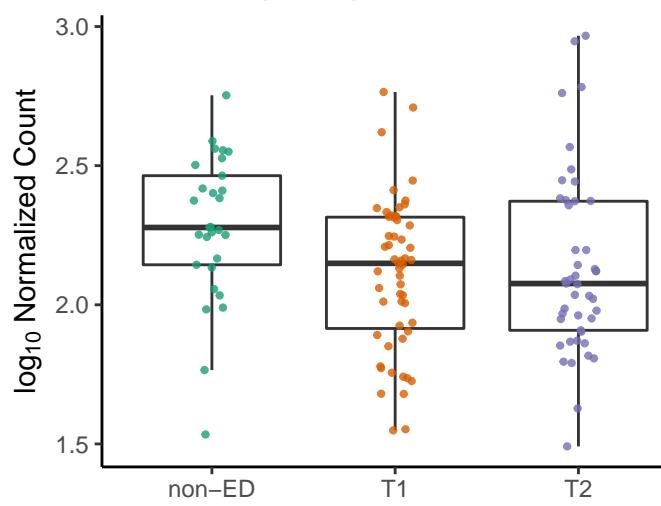
Unclassified Xanthomonadales Order

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.064
T1 vs. T2 adjusted p = 0.79



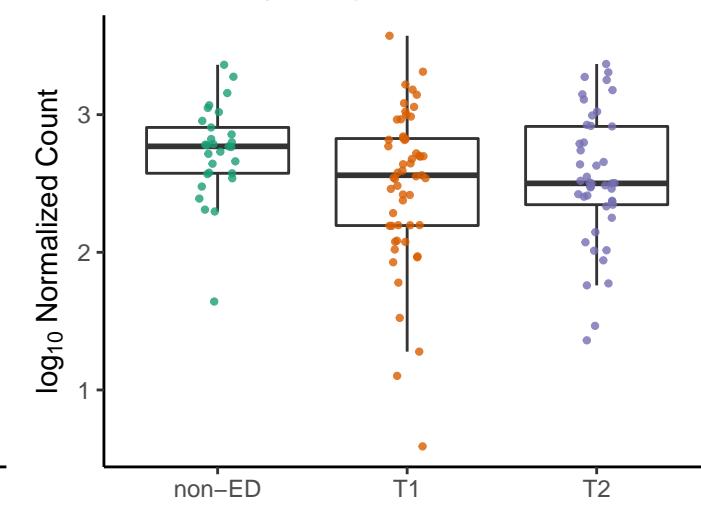
Photorhabdus

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.81



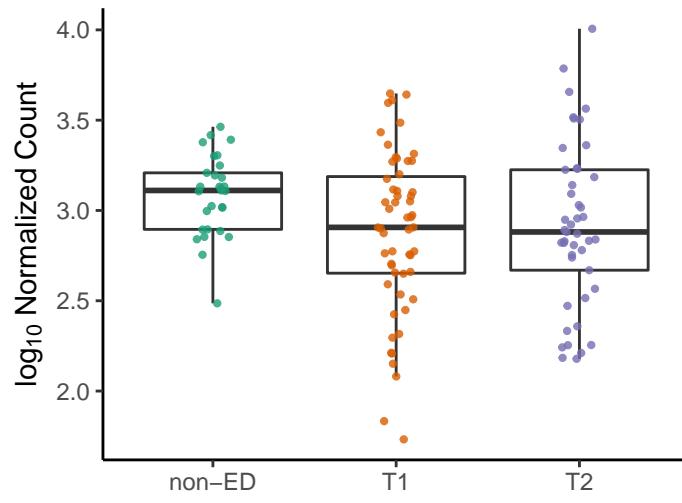
Saccharothrix

non-ED vs. T1 adjusted p = 0.028
non-ED vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.79



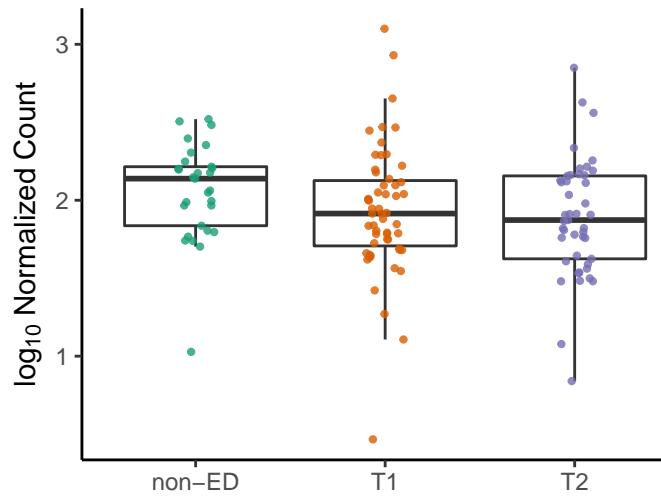
Sorangium

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.8



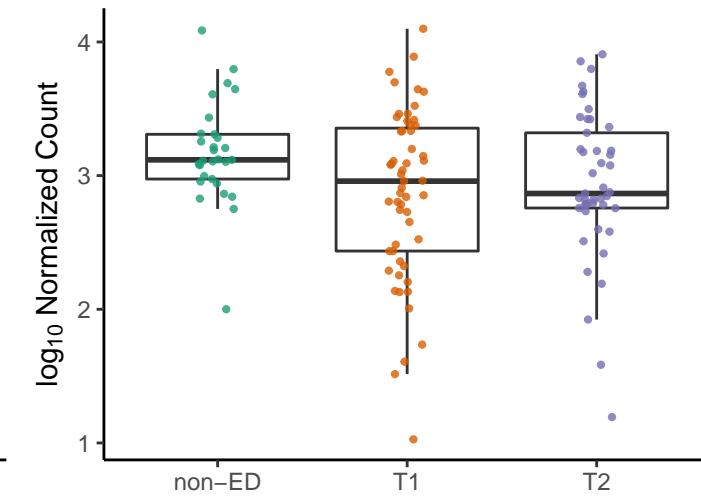
Methanocorpusculum

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.92



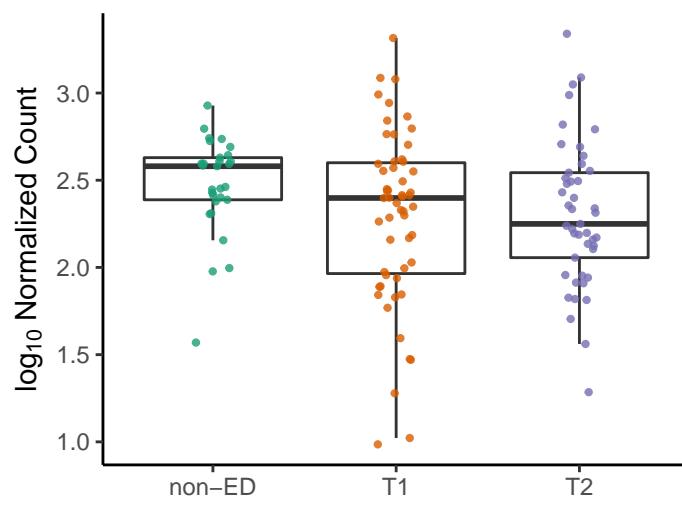
Unclassified Coriobacteriaceae Family

non-ED vs. T1 adjusted p = 0.018
non-ED vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.8



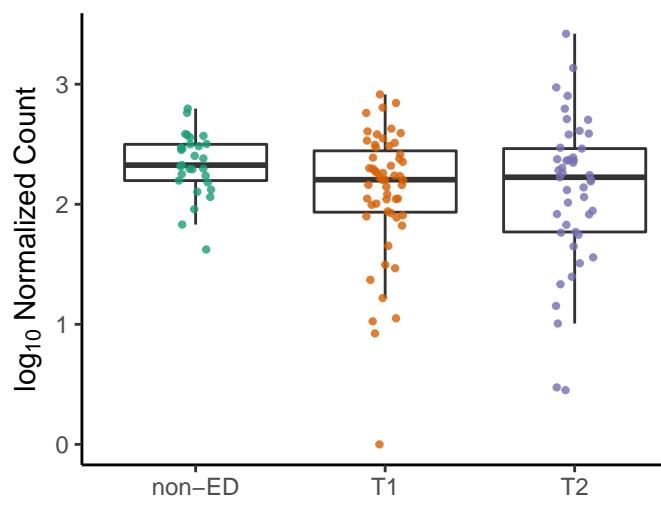
Candidatus Desulfuridis

non-ED vs. T1 adjusted p = 0.057
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.81



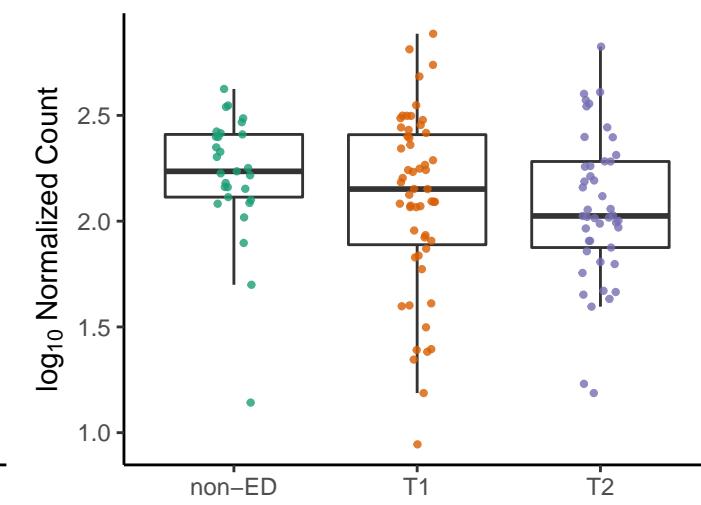
Unclassified Methylobacteriaceae Family

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.89



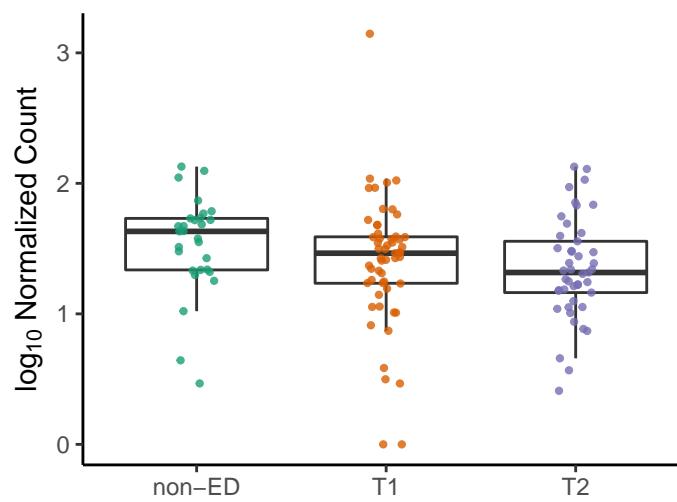
Riemerella

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.81



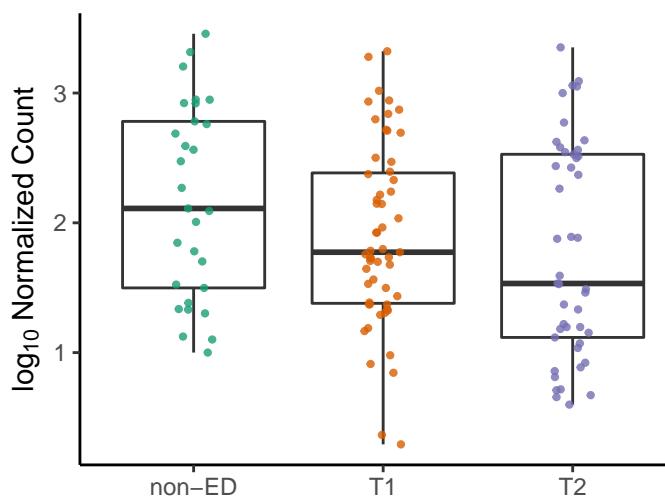
Unclassified Hafniaceae Family

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.83



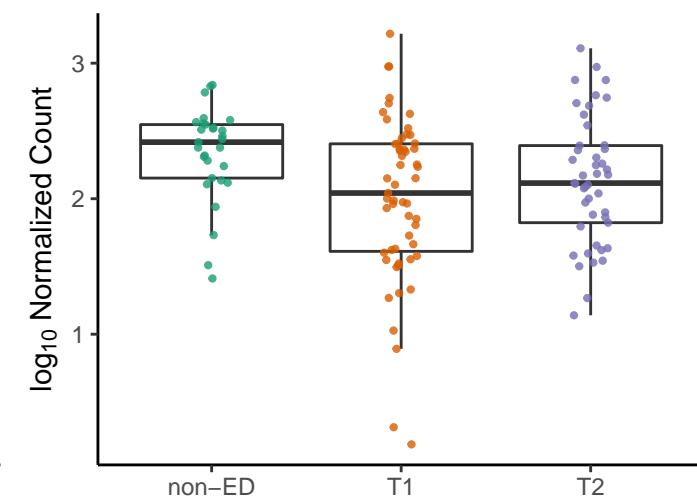
Unclassified Bifidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.85



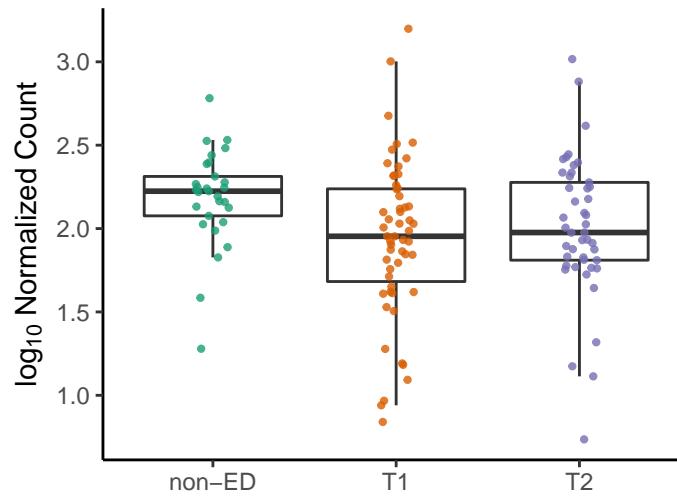
Thermomonospora

non-ED vs. T1 adjusted p = 0.0079
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.79



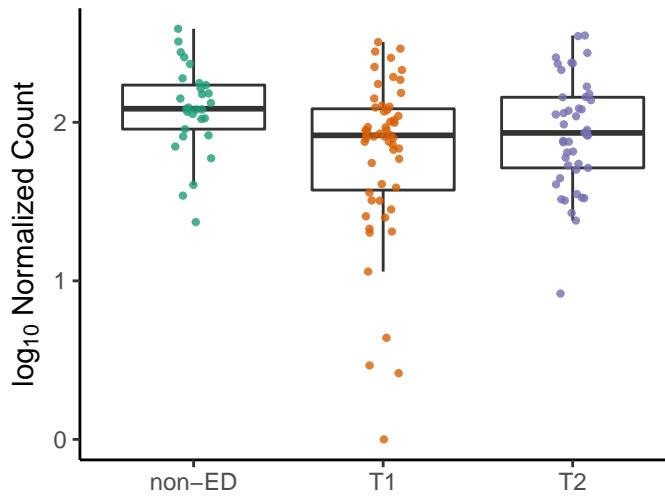
Denitrovibrio

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.8



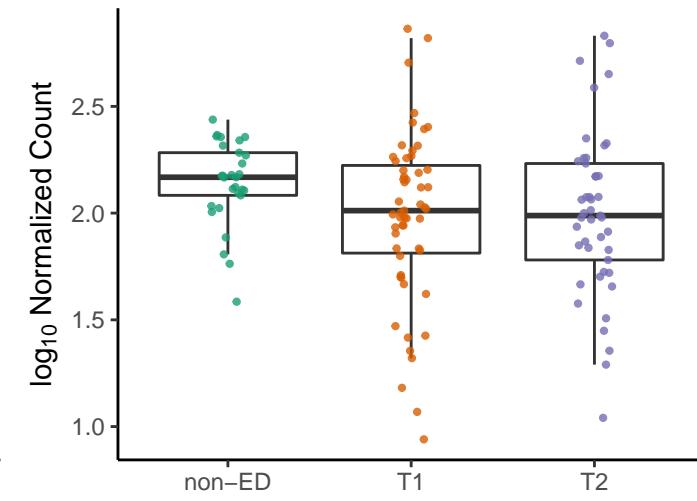
Casimicrobium

non-ED vs. T1 adjusted p = 0.0065
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.79



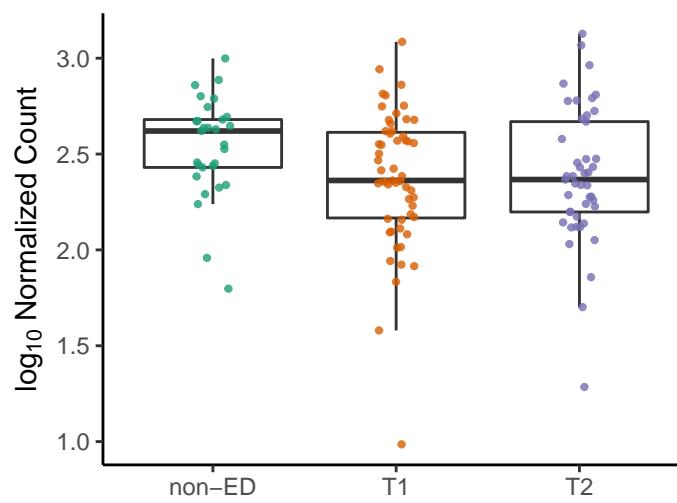
Sulfurovum

non-ED vs. T1 adjusted p = 0.034
non-ED vs. T2 adjusted p = 0.066
T1 vs. T2 adjusted p = 0.91



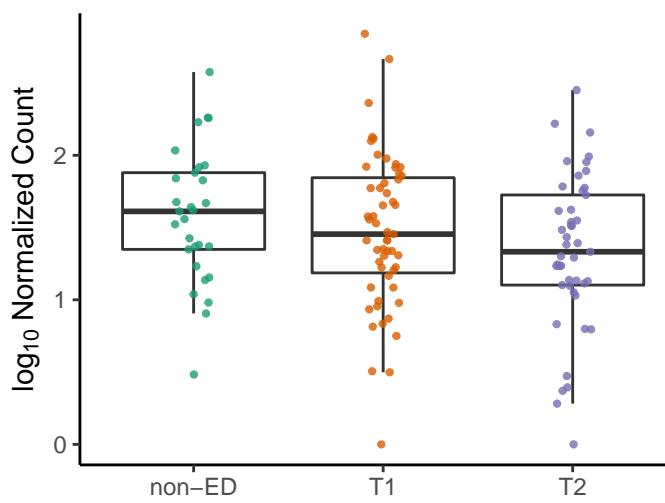
Thermacetogenium

non-ED vs. T1 adjusted p = 0.036
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.86



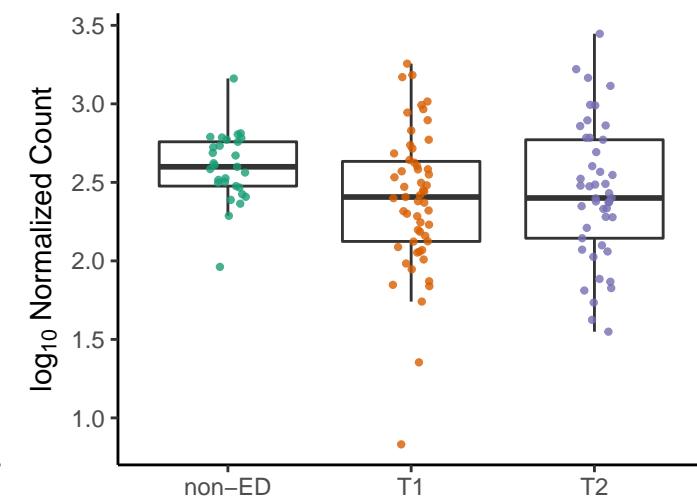
Tardibacter

non-ED vs. T1 adjusted p = 0.39
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.79



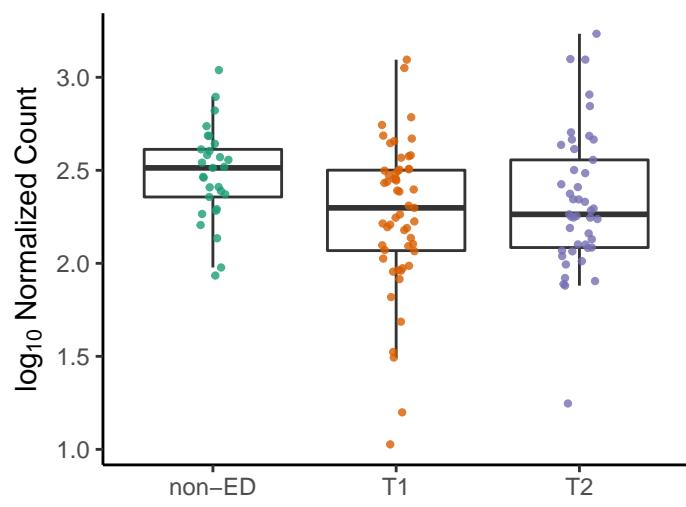
Microvirga

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.8



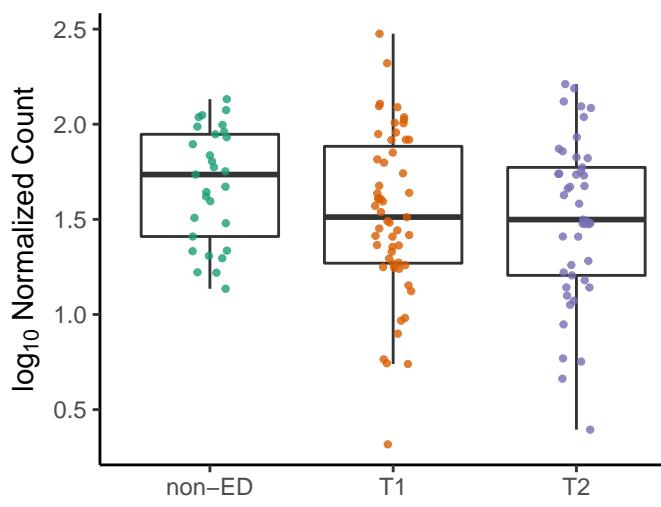
Staphylospora

non-ED vs. T1 adjusted p = 0.0092
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.79



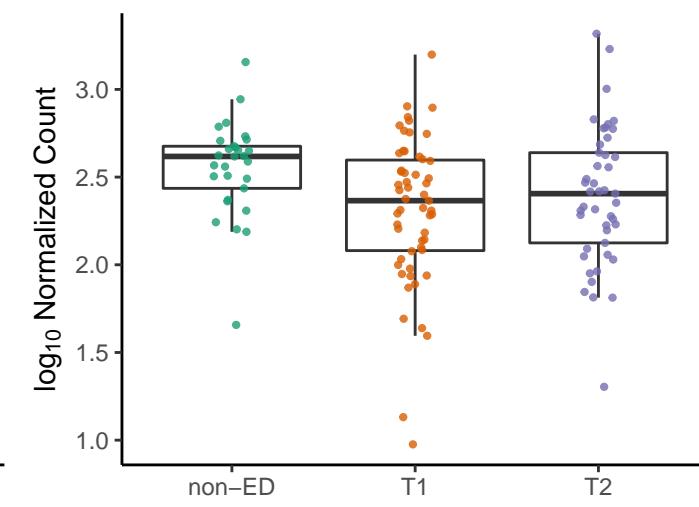
Commensalibacter

non-ED vs. T1 adjusted p = 0.092
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.8



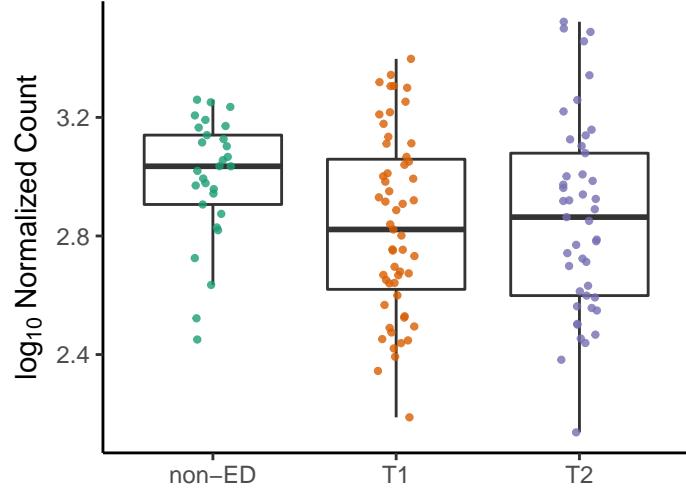
Unclassified Anaerolineaceae Family

non-ED vs. T1 adjusted p = 0.0084
non-ED vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.79



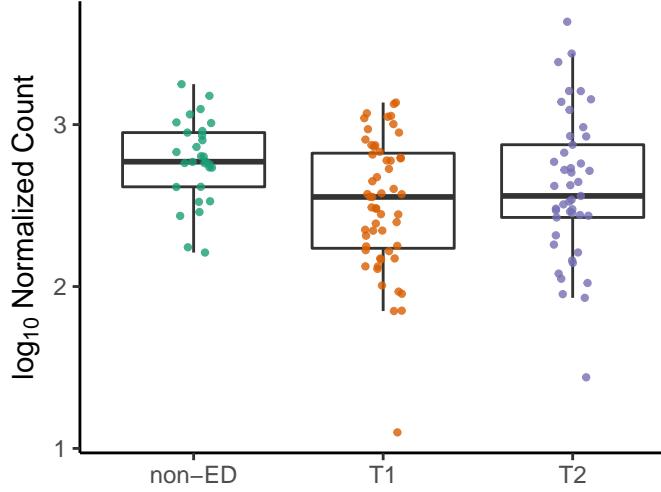
Helicobacter

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.92



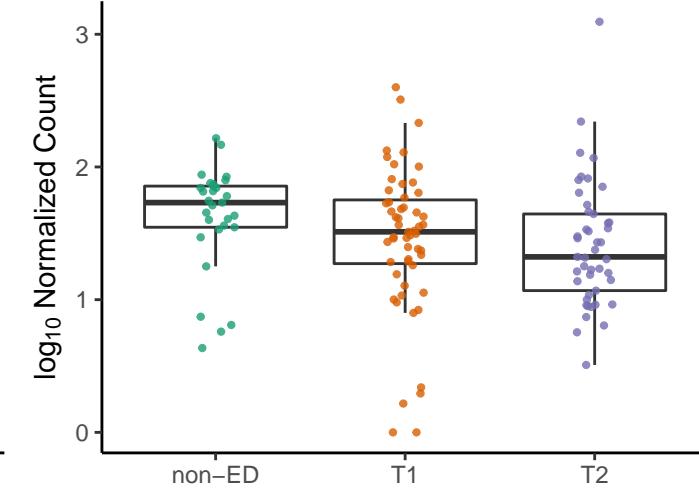
Thermobacillus

non-ED vs. T1 adjusted p = 0.0041
non-ED vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.79



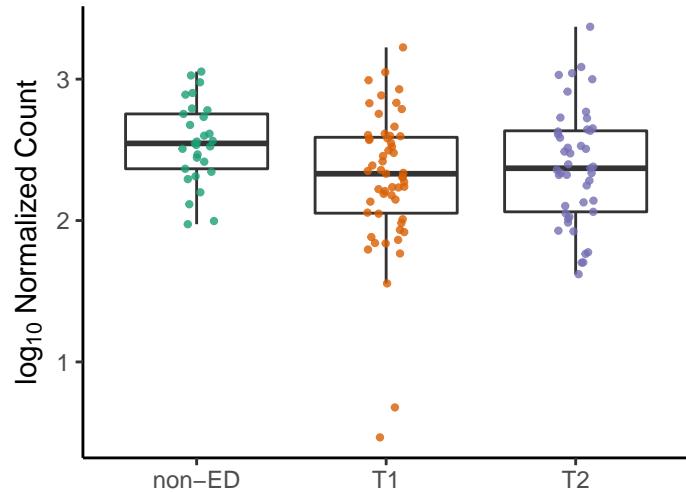
Cloacibacterium

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.79



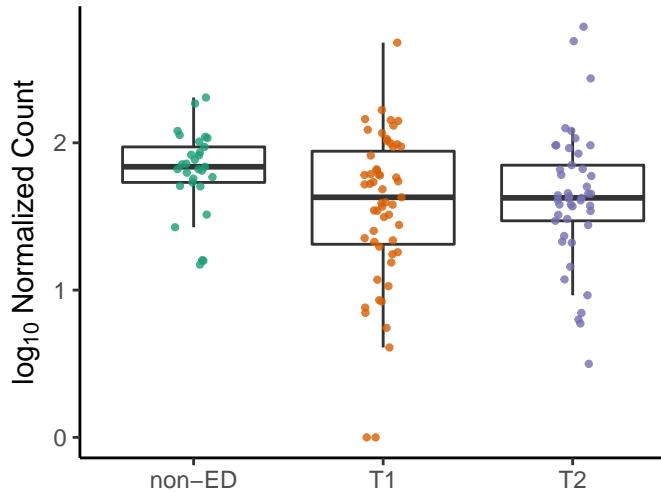
Mycolicibacter

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.79



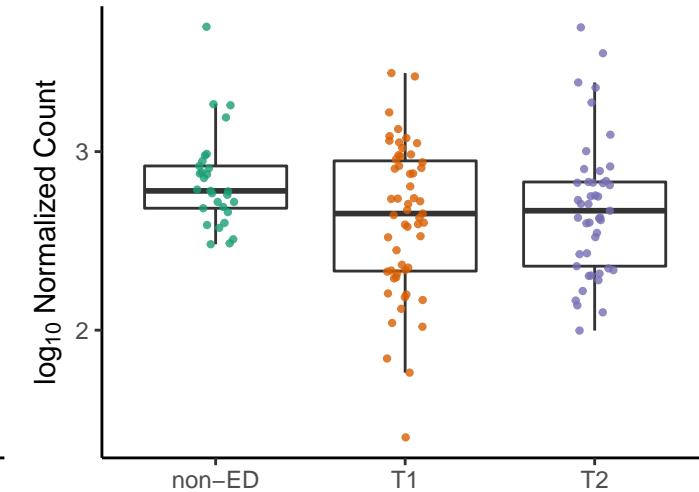
Dermatophilus

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.79



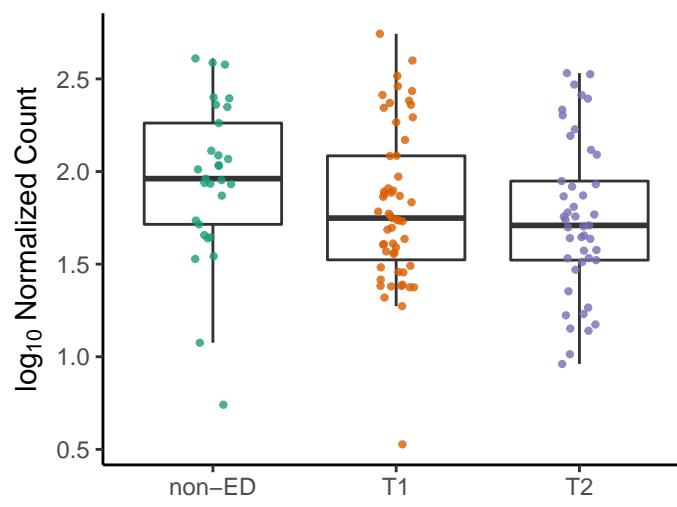
Dehalococcoides

non-ED vs. T1 adjusted p = 0.016
non-ED vs. T2 adjusted p = 0.069
T1 vs. T2 adjusted p = 0.79



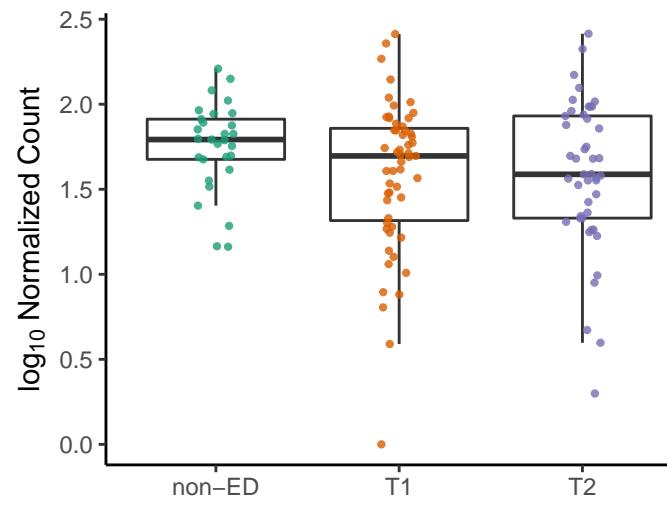
Entomoplasma

non-ED vs. T1 adjusted p = 0.17
non-ED vs. T2 adjusted p = 0.069
T1 vs. T2 adjusted p = 0.79



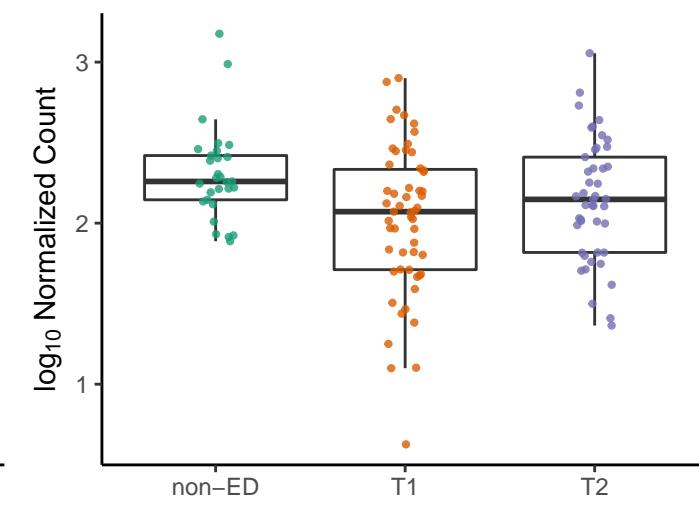
Gloeomargarita

non-ED vs. T1 adjusted p = 0.054
non-ED vs. T2 adjusted p = 0.069
T1 vs. T2 adjusted p = 0.91



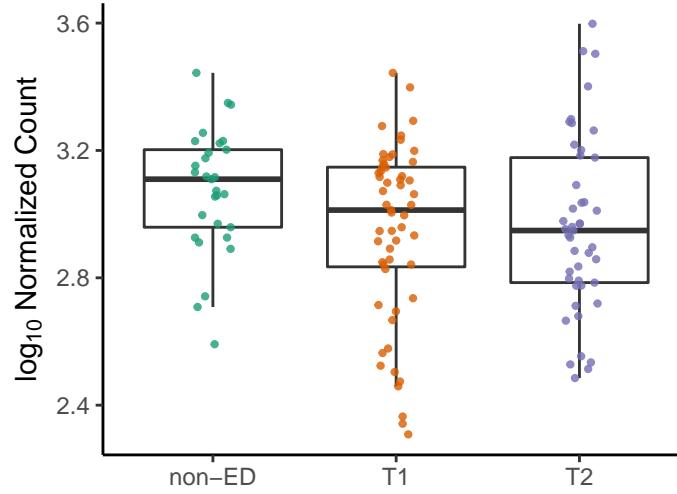
Halorhodospira

non-ED vs. T1 adjusted p = 0.0057
non-ED vs. T2 adjusted p = 0.069
T1 vs. T2 adjusted p = 0.79



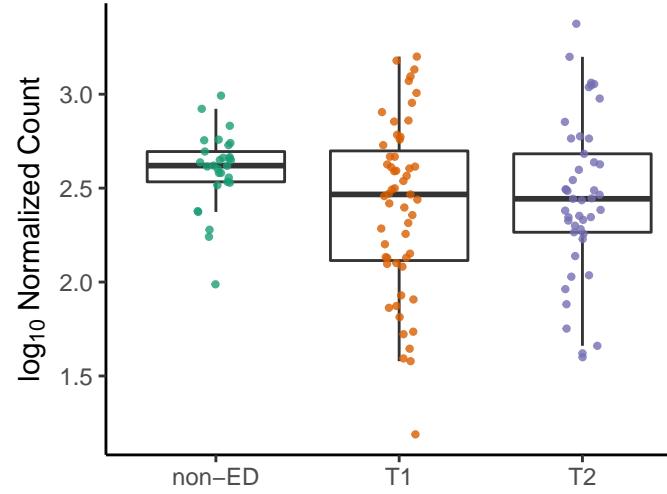
Dickeya

non-ED vs. T1 adjusted p = 0.035
non-ED vs. T2 adjusted p = 0.07
T1 vs. T2 adjusted p = 0.8



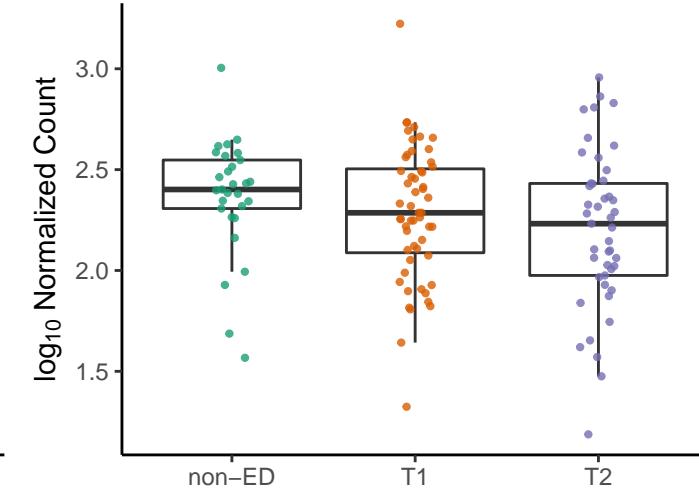
Limnochorda

non-ED vs. T1 adjusted p = 0.019
non-ED vs. T2 adjusted p = 0.07
T1 vs. T2 adjusted p = 0.79



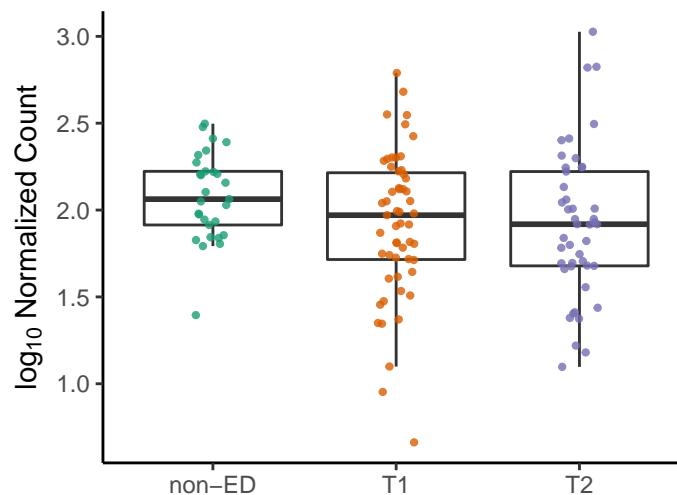
Aquimarina

non-ED vs. T1 adjusted p = 0.26
non-ED vs. T2 adjusted p = 0.071
T1 vs. T2 adjusted p = 0.79



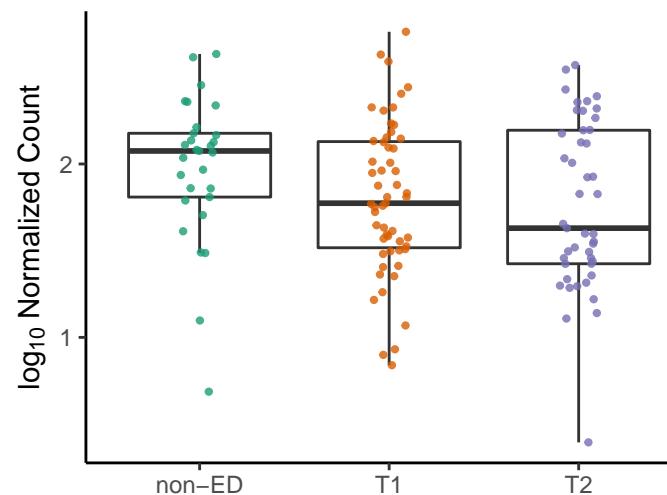
Croceicoccus

non-ED vs. T1 adjusted p = 0.055
non-ED vs. T2 adjusted p = 0.071
T1 vs. T2 adjusted p = 0.95



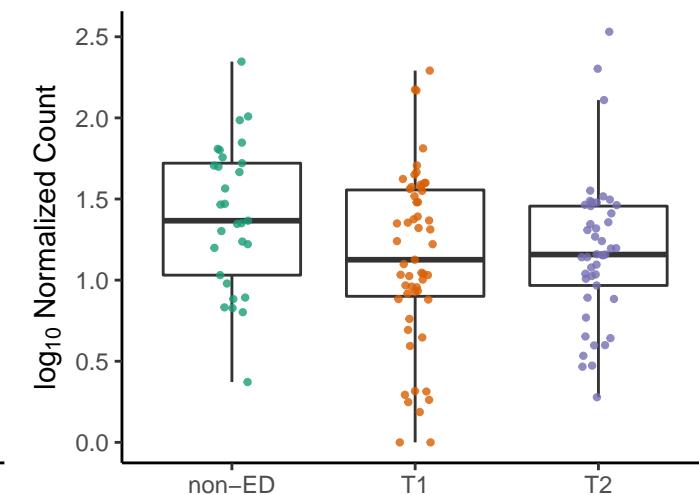
Candidatus Kinetoplastibacterium

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.072
T1 vs. T2 adjusted p = 0.81



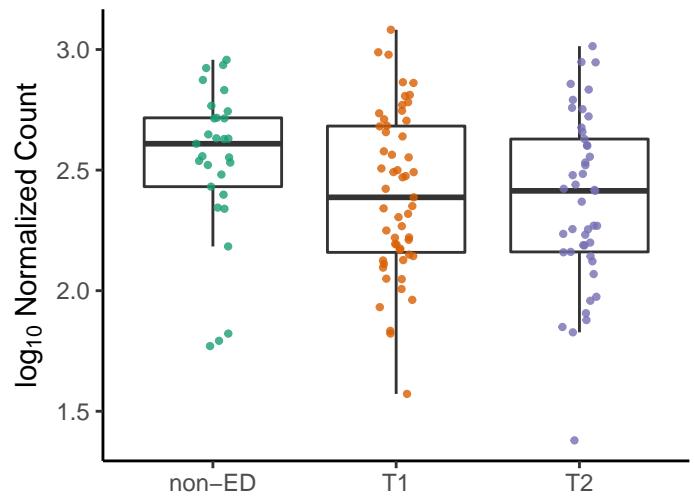
Metallosphaera

non-ED vs. T1 adjusted p = 0.041
non-ED vs. T2 adjusted p = 0.072
T1 vs. T2 adjusted p = 0.99



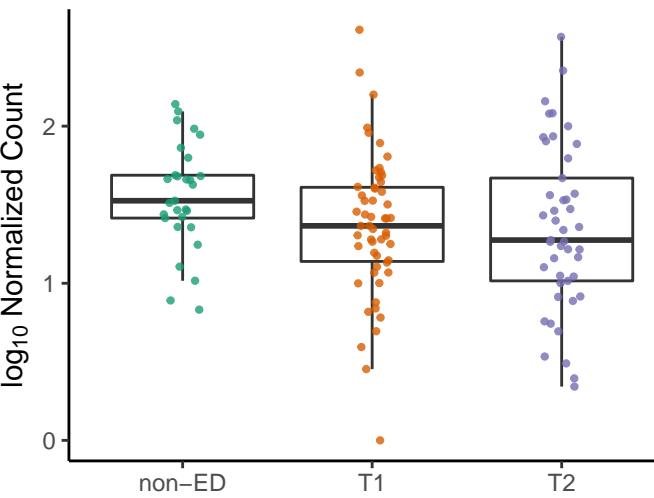
Prochlorococcus

non-ED vs. T1 adjusted p = 0.1
 non-ED vs. T2 adjusted p = 0.072
 T1 vs. T2 adjusted p = 0.91



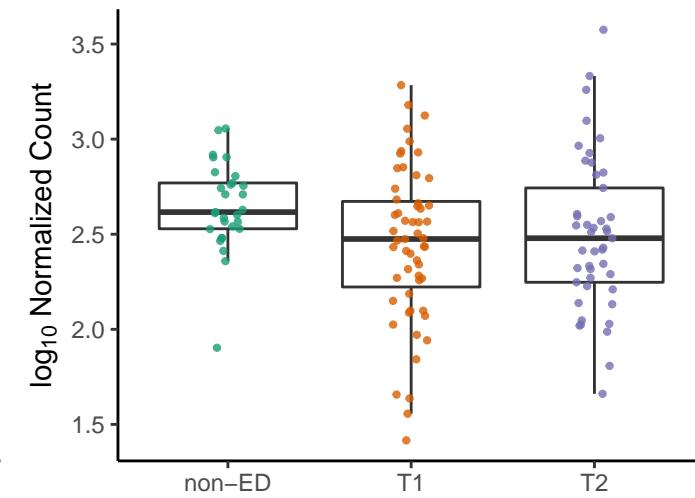
Litorilituus

non-ED vs. T1 adjusted p = 0.061
 non-ED vs. T2 adjusted p = 0.073
 T1 vs. T2 adjusted p = 0.97



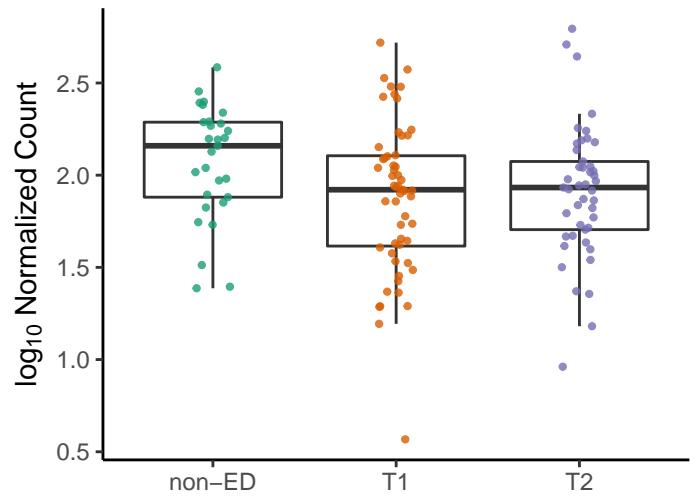
Chlorobaculum

non-ED vs. T1 adjusted p = 0.014
 non-ED vs. T2 adjusted p = 0.074
 T1 vs. T2 adjusted p = 0.79



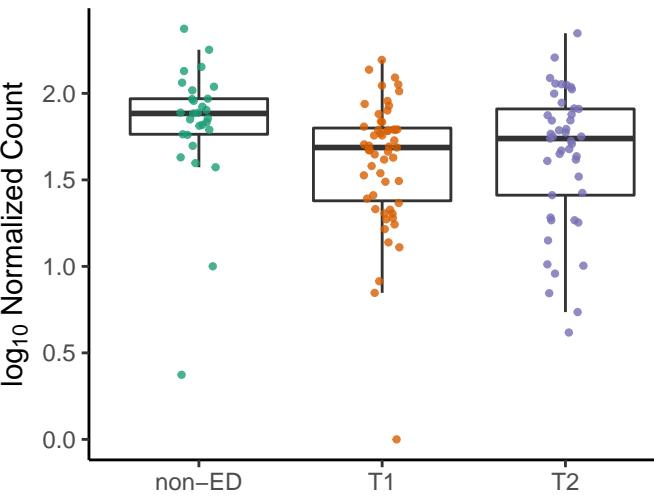
Synechocystis

non-ED vs. T1 adjusted p = 0.038
 non-ED vs. T2 adjusted p = 0.074
 T1 vs. T2 adjusted p = 0.82



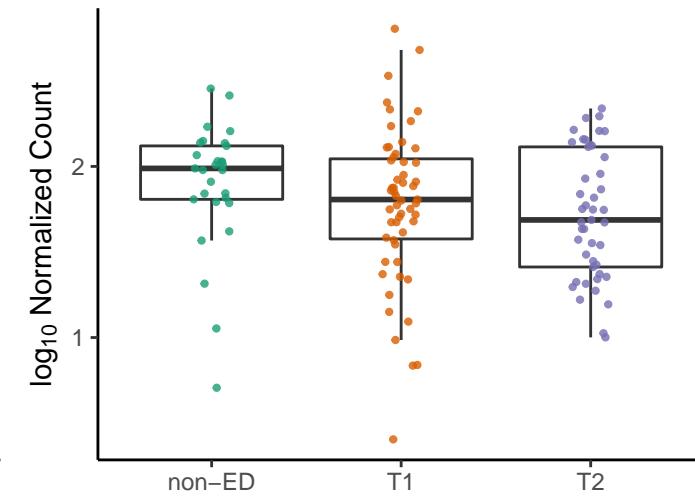
Unclassified Microcoleaceae Family

non-ED vs. T1 adjusted p = 0.027
 non-ED vs. T2 adjusted p = 0.074
 T1 vs. T2 adjusted p = 0.85



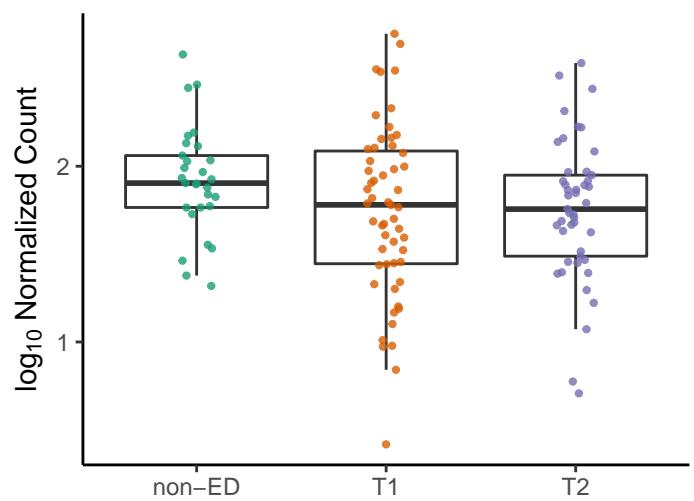
Olleya

non-ED vs. T1 adjusted p = 0.23
 non-ED vs. T2 adjusted p = 0.074
 T1 vs. T2 adjusted p = 0.79



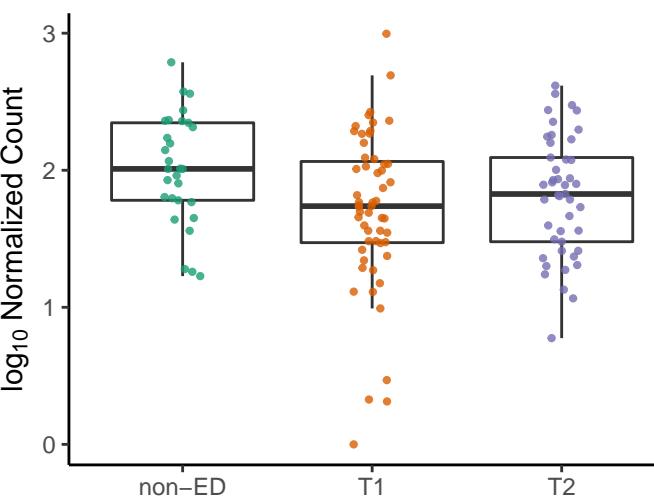
Acidisarcina

non-ED vs. T1 adjusted p = 0.078
 non-ED vs. T2 adjusted p = 0.075
 T1 vs. T2 adjusted p = 0.93



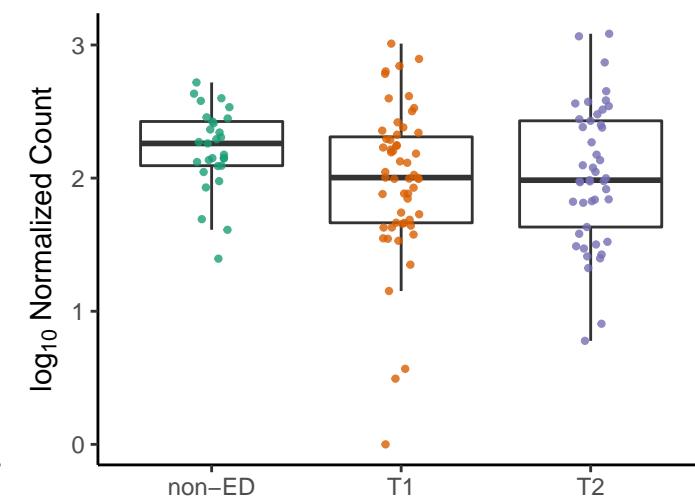
Pulveribacter

non-ED vs. T1 adjusted p = 0.016
 non-ED vs. T2 adjusted p = 0.075
 T1 vs. T2 adjusted p = 0.79



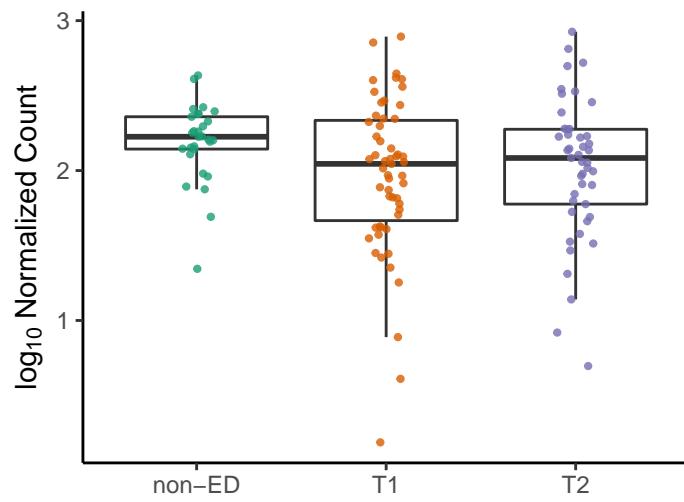
Kribbella

non-ED vs. T1 adjusted p = 0.029
 non-ED vs. T2 adjusted p = 0.075
 T1 vs. T2 adjusted p = 0.79



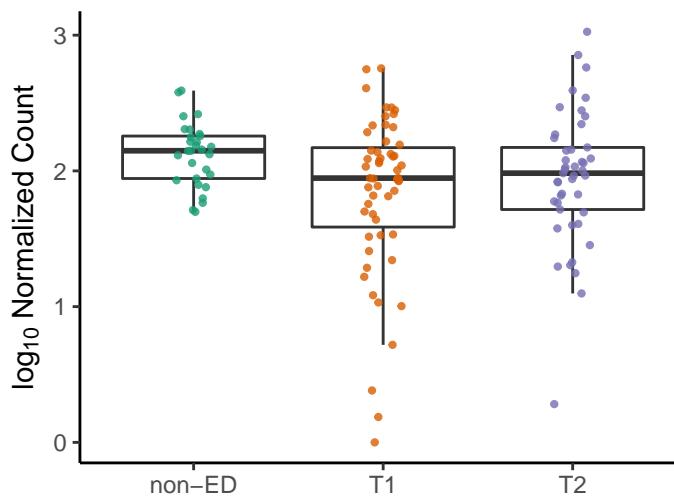
Oceanimonas

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.076
T1 vs. T2 adjusted p = 0.79



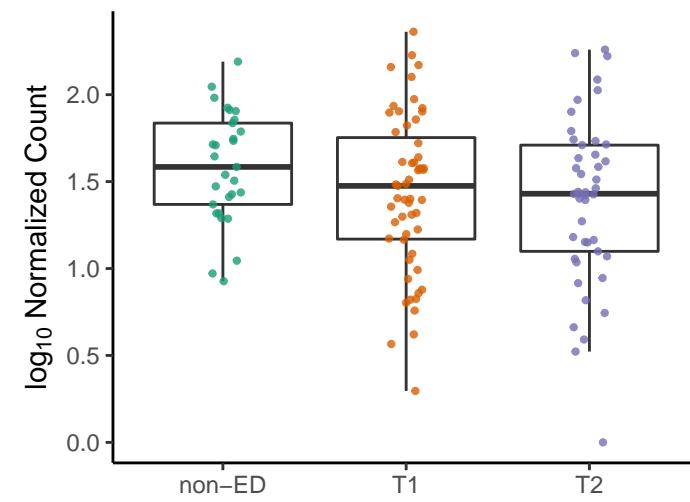
Marinithermus

non-ED vs. T1 adjusted p = 0.0088
non-ED vs. T2 adjusted p = 0.077
T1 vs. T2 adjusted p = 0.79



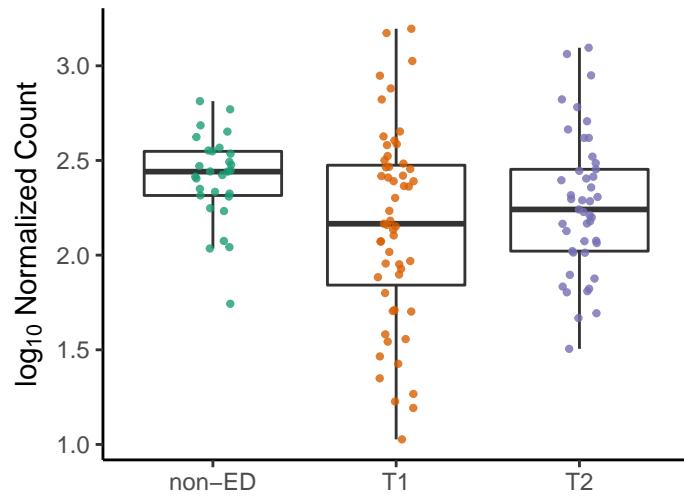
Methanotorris

non-ED vs. T1 adjusted p = 0.11
non-ED vs. T2 adjusted p = 0.077
T1 vs. T2 adjusted p = 0.9



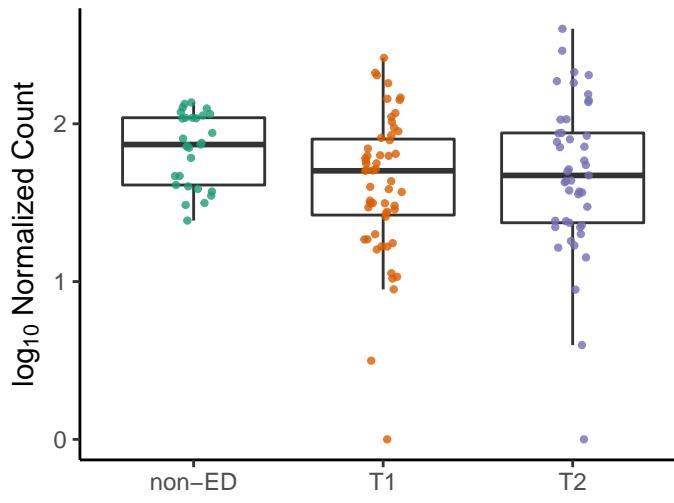
Zobellella

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.077
T1 vs. T2 adjusted p = 0.79



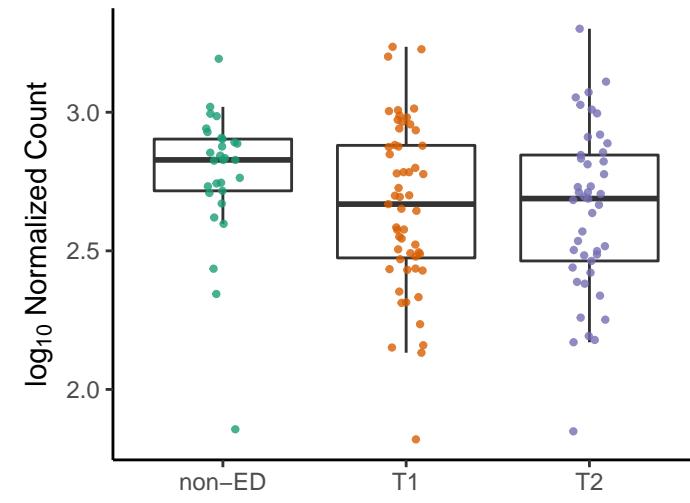
Chania

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.077
T1 vs. T2 adjusted p = 0.88



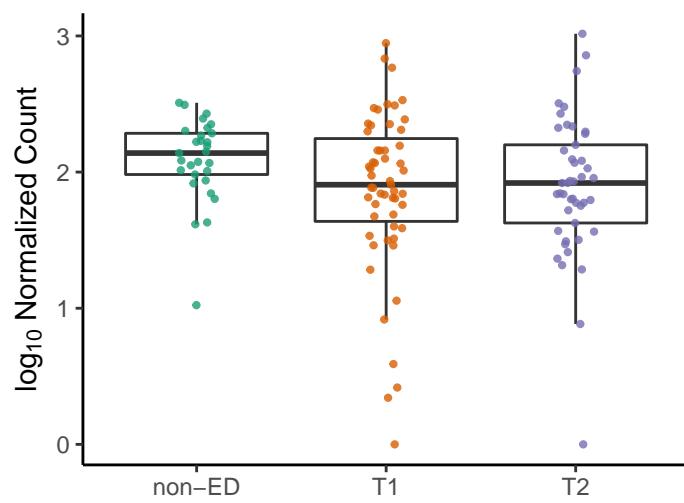
Providencia

non-ED vs. T1 adjusted p = 0.091
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.94



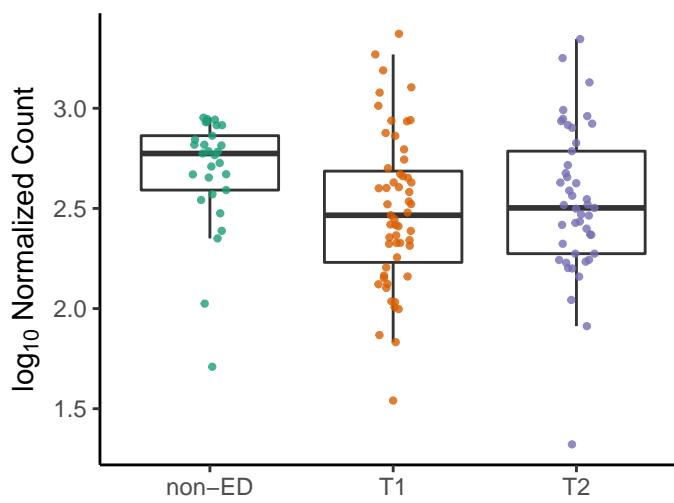
Pelagibaca

non-ED vs. T1 adjusted p = 0.046
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.91



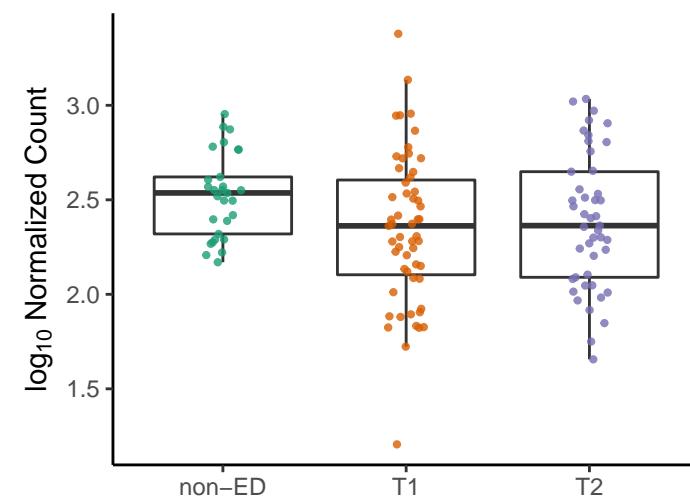
Peptoclostridium

non-ED vs. T1 adjusted p = 0.022
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.81



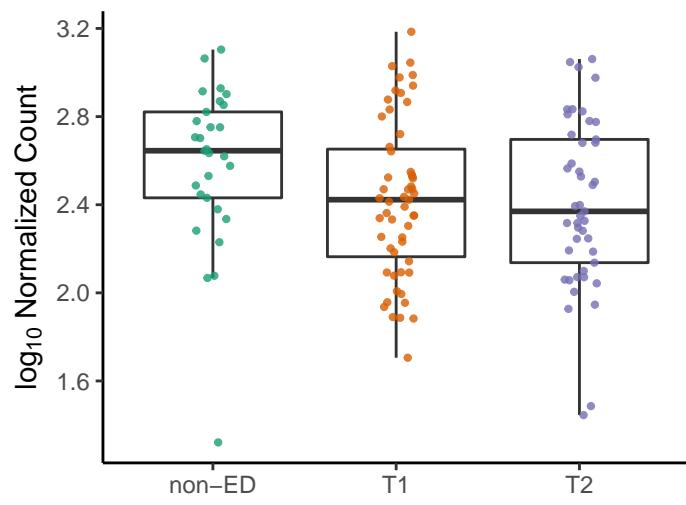
Sodalis

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.79



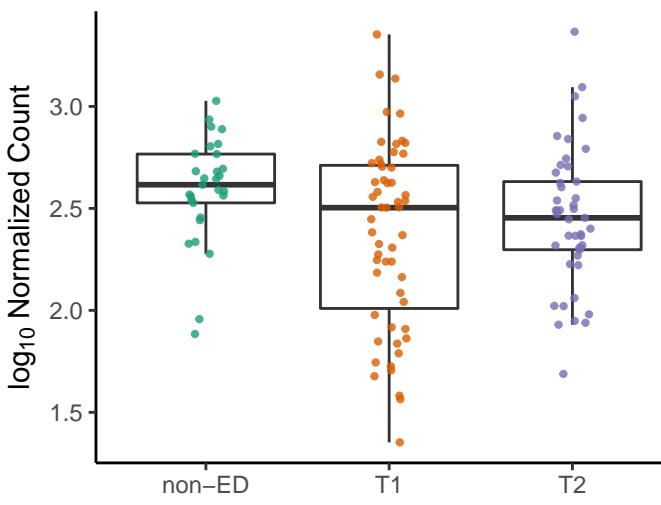
Caloramator

non-ED vs. T1 adjusted p = 0.09
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.86



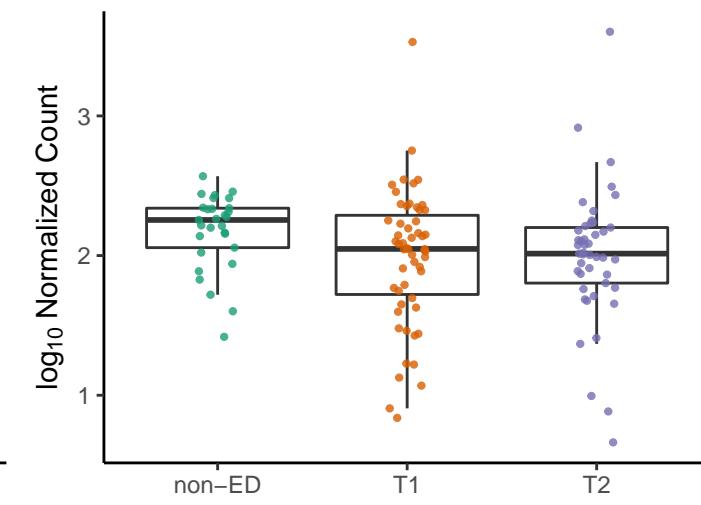
Cyanobium

non-ED vs. T1 adjusted p = 0.017
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.79



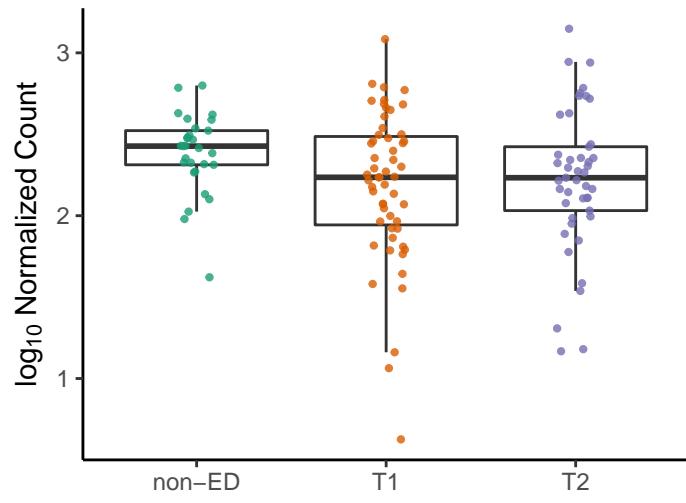
Haliscomenobacter

non-ED vs. T1 adjusted p = 0.044
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.99



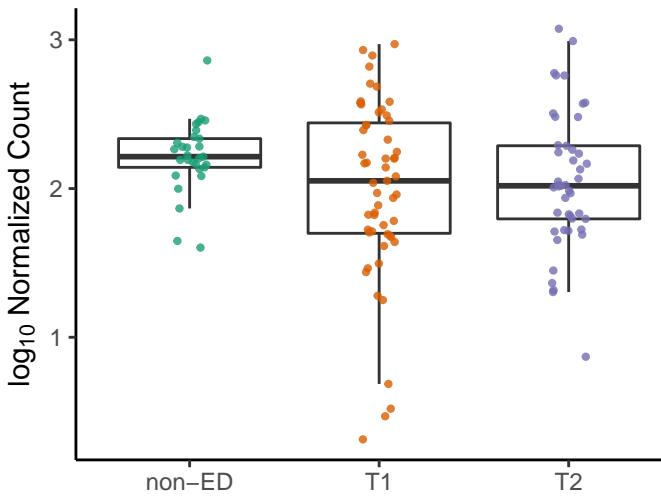
Hyphomonas

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.85



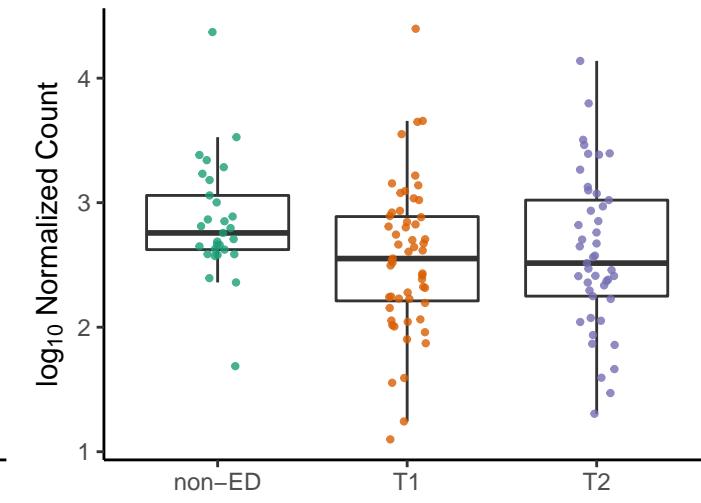
Shinella

non-ED vs. T1 adjusted p = 0.037
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.81



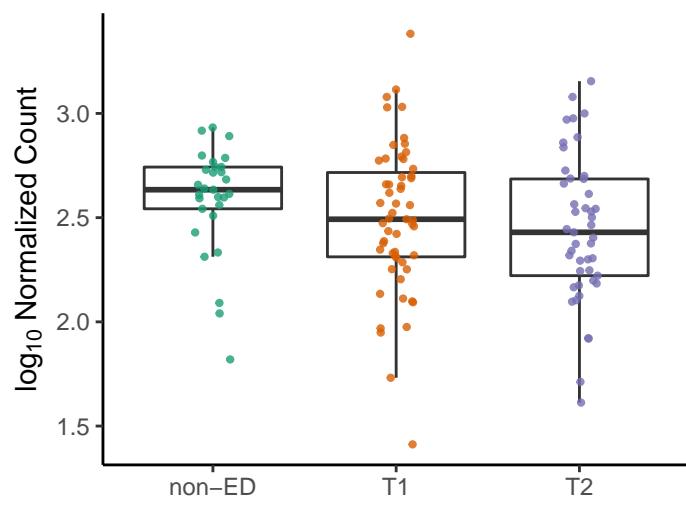
Coriobacterium

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.79



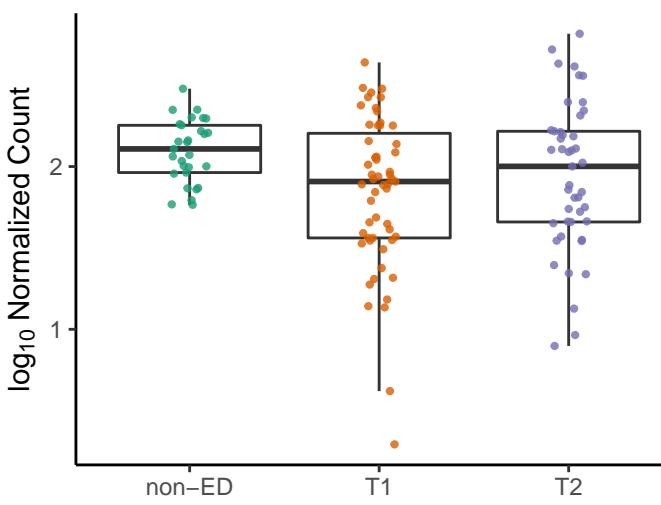
Gramella

non-ED vs. T1 adjusted p = 0.23
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.79



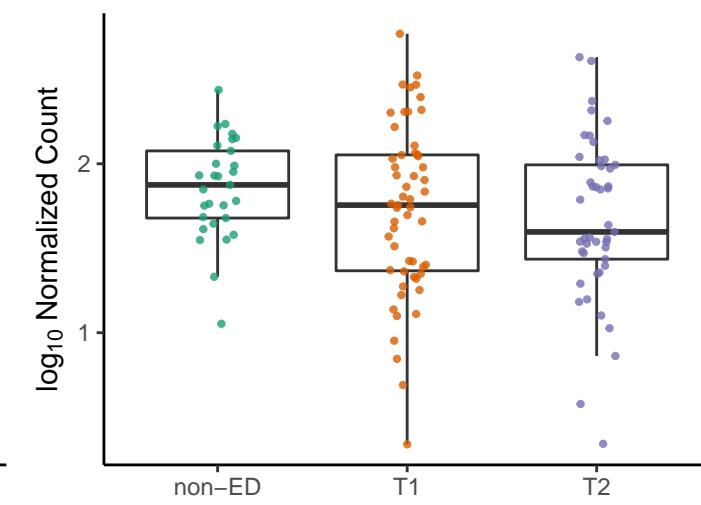
Unclassified Phycisphaerae Class

non-ED vs. T1 adjusted p = 0.0049
non-ED vs. T2 adjusted p = 0.078
T1 vs. T2 adjusted p = 0.79



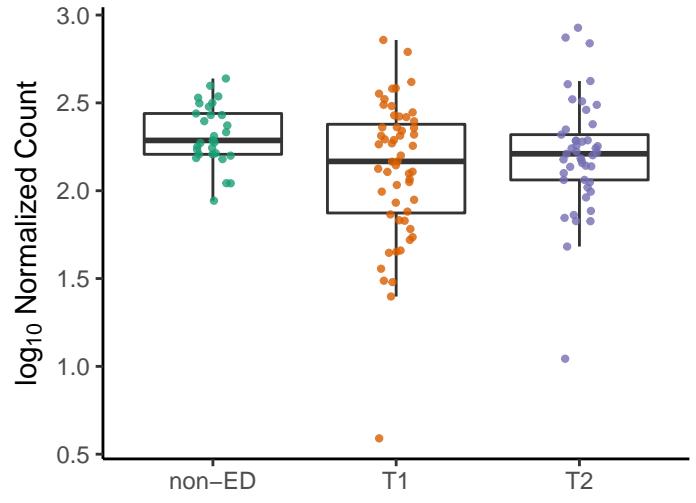
Unclassified Rickettsiales Order

non-ED vs. T1 adjusted p = 0.18
non-ED vs. T2 adjusted p = 0.079
T1 vs. T2 adjusted p = 0.79



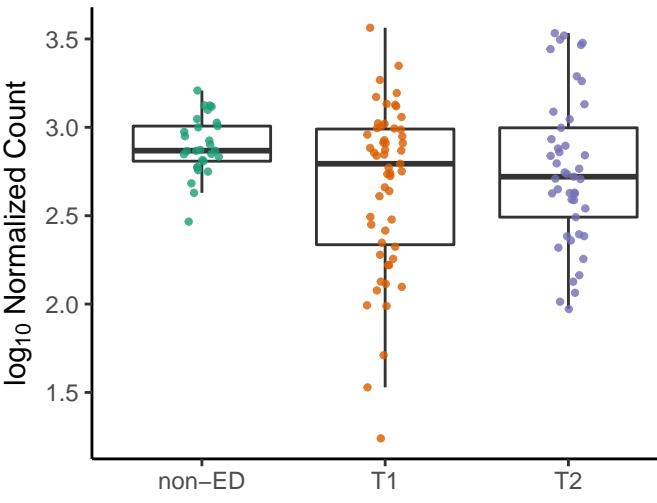
Dechloromonas

non-ED vs. T1 adjusted p = 0.0081
 non-ED vs. T2 adjusted p = 0.079
 T1 vs. T2 adjusted p = 0.79



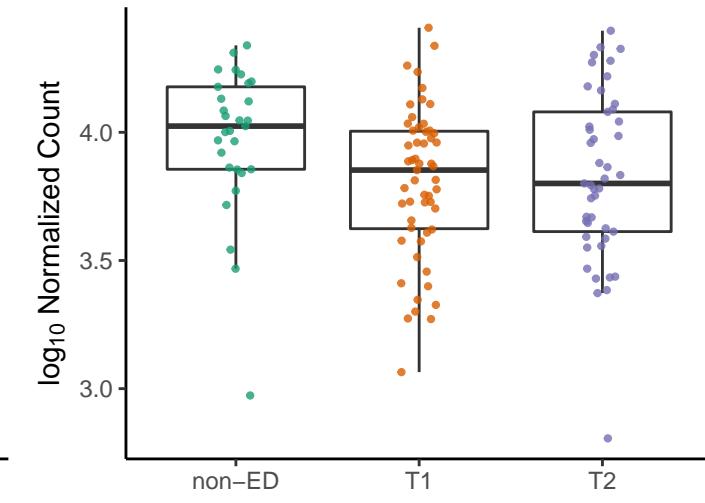
Heliobacterium

non-ED vs. T1 adjusted p = 0.0069
 non-ED vs. T2 adjusted p = 0.079
 T1 vs. T2 adjusted p = 0.79



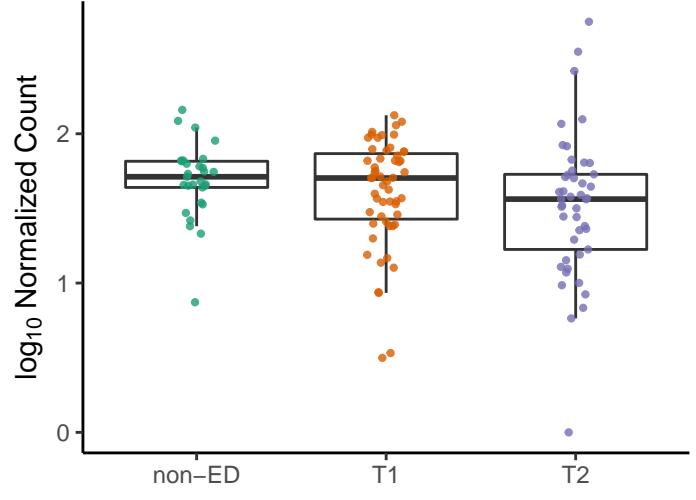
Butyribivrio

non-ED vs. T1 adjusted p = 0.027
 non-ED vs. T2 adjusted p = 0.08
 T1 vs. T2 adjusted p = 0.85



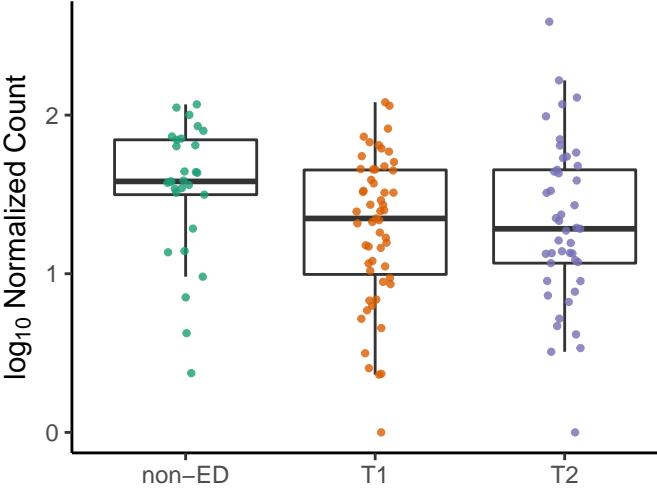
Acaryochloris

non-ED vs. T1 adjusted p = 0.27
 non-ED vs. T2 adjusted p = 0.08
 T1 vs. T2 adjusted p = 0.79



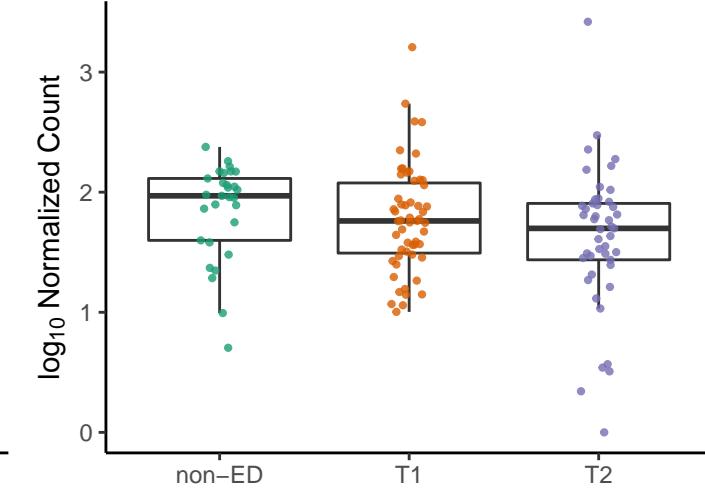
Persephonella

non-ED vs. T1 adjusted p = 0.028
 non-ED vs. T2 adjusted p = 0.081
 T1 vs. T2 adjusted p = 0.97



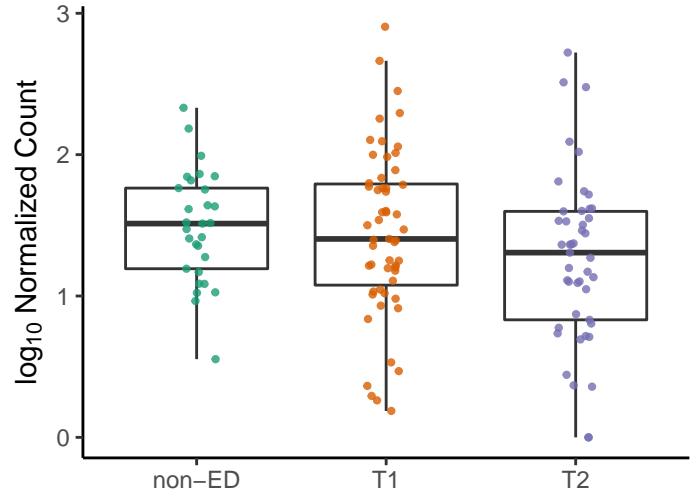
Urechidicola

non-ED vs. T1 adjusted p = 0.52
 non-ED vs. T2 adjusted p = 0.082
 T1 vs. T2 adjusted p = 0.79



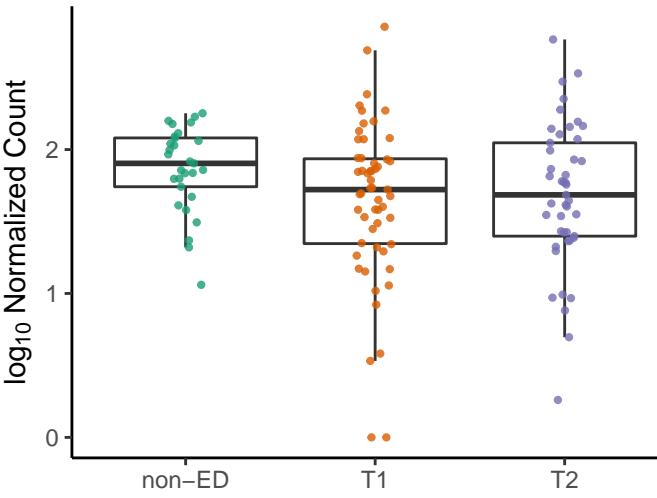
Methanopyrus

non-ED vs. T1 adjusted p = 0.69
 non-ED vs. T2 adjusted p = 0.082
 T1 vs. T2 adjusted p = 0.79



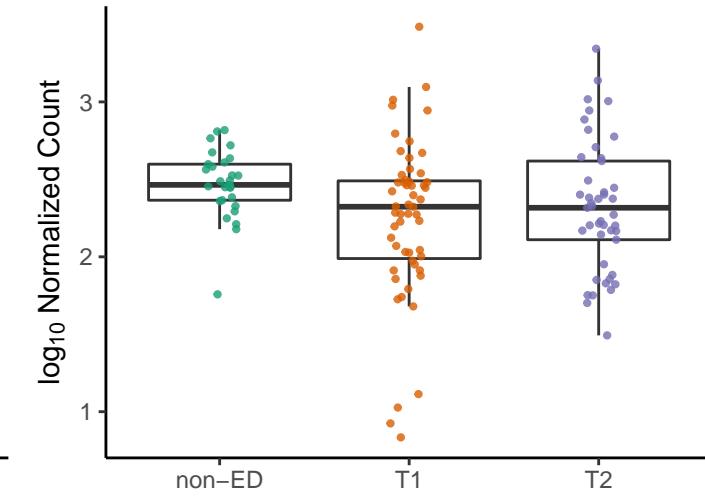
Jatrophihabitans

non-ED vs. T1 adjusted p = 0.035
 non-ED vs. T2 adjusted p = 0.083
 T1 vs. T2 adjusted p = 0.85



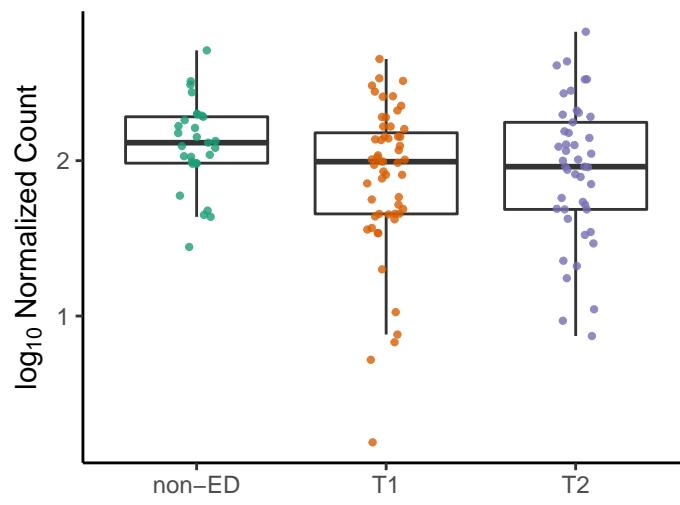
Nitrospirillum

non-ED vs. T1 adjusted p = 0.016
 non-ED vs. T2 adjusted p = 0.083
 T1 vs. T2 adjusted p = 0.79



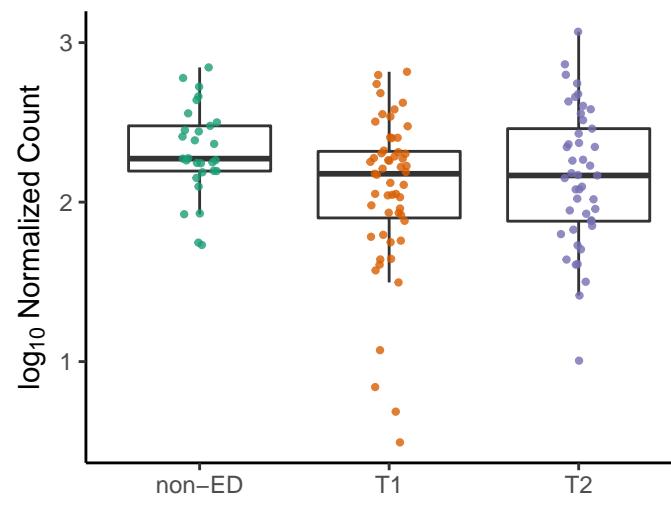
Mobilicoccus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.79



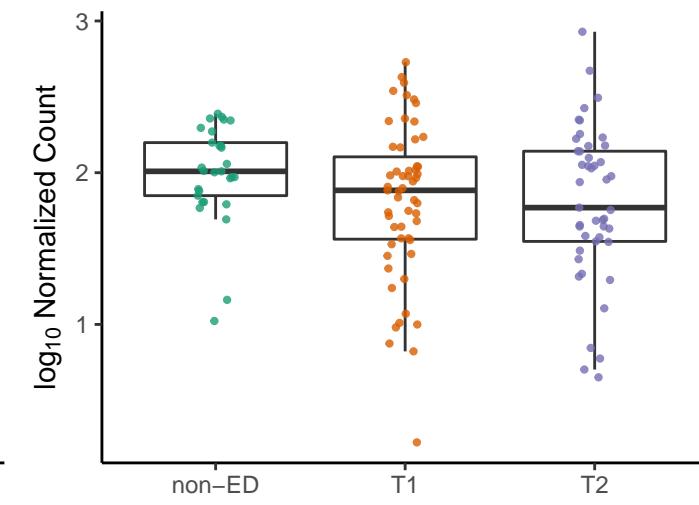
Unclassified Halobacteria Class

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.79



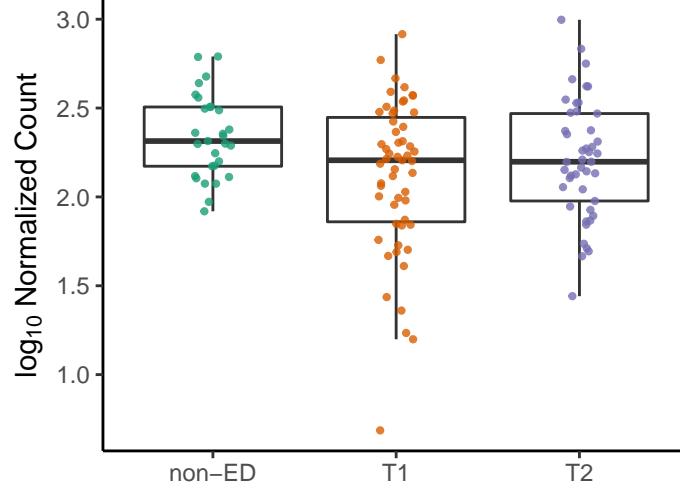
Fluviicola

non-ED vs. T1 adjusted p = 0.077
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.93



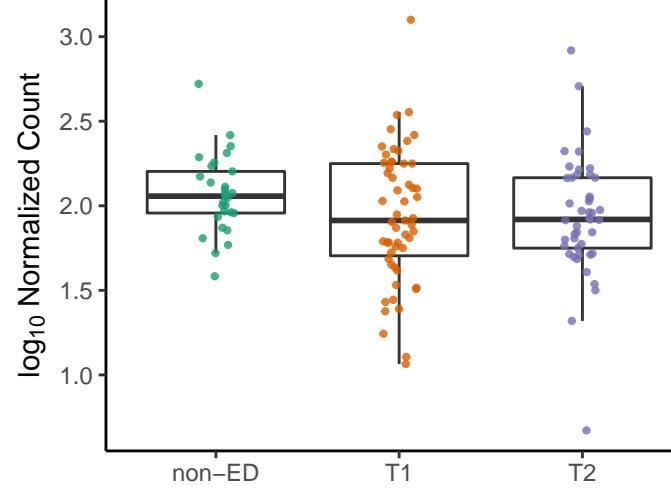
Geoalkalibacter

non-ED vs. T1 adjusted p = 0.01
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.79



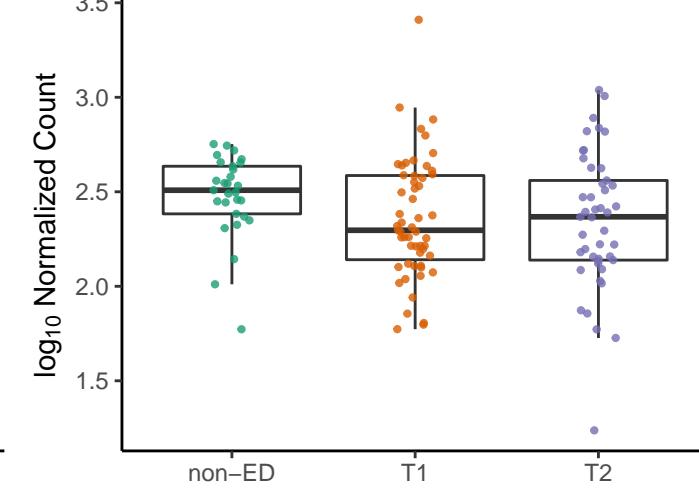
Granulosicoccus

non-ED vs. T1 adjusted p = 0.087
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 1



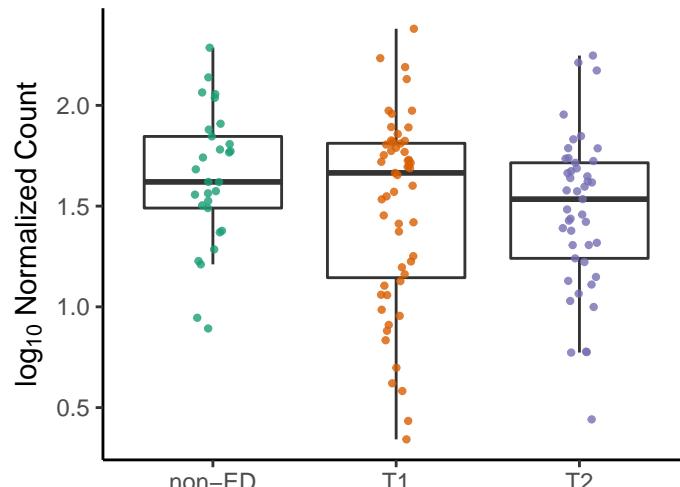
Mannheimia

non-ED vs. T1 adjusted p = 0.065
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.99



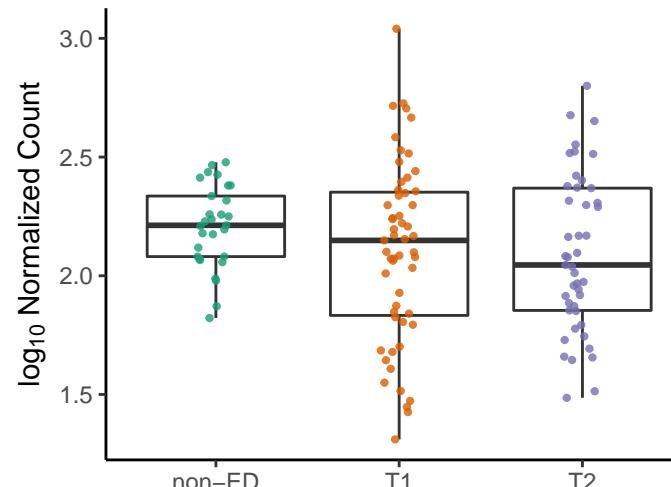
Marisediminicola

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 1



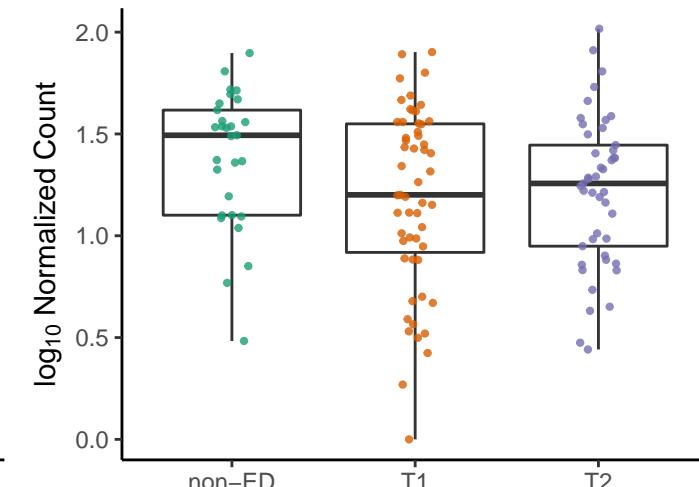
Nitrosococcus

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.95



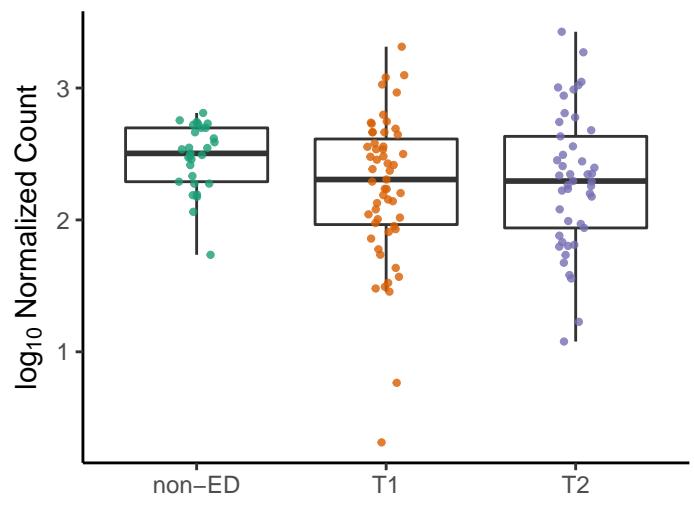
Methanospaerula

non-ED vs. T1 adjusted p = 0.043
non-ED vs. T2 adjusted p = 0.083
T1 vs. T2 adjusted p = 0.86



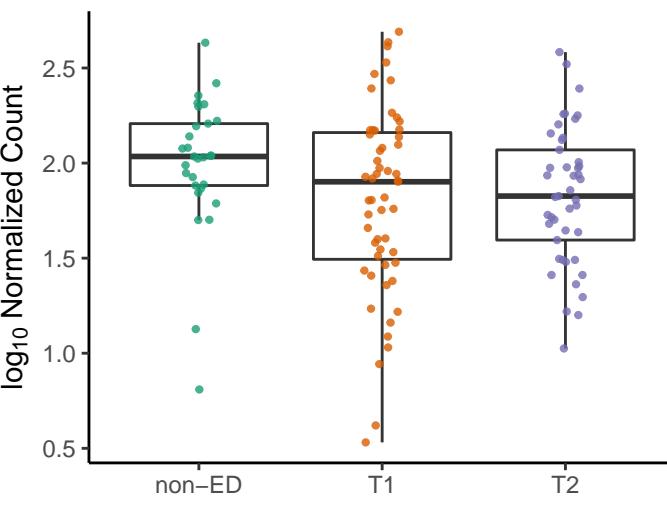
Minicystis

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.084
T1 vs. T2 adjusted p = 0.8



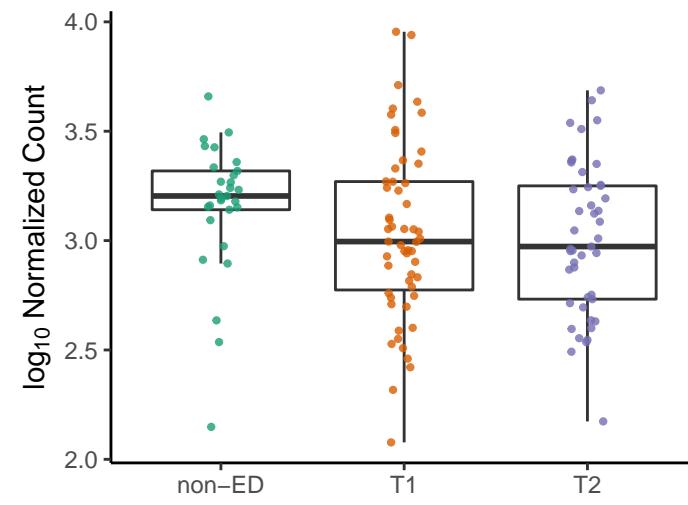
Sulfuricaulis

non-ED vs. T1 adjusted p = 0.068
non-ED vs. T2 adjusted p = 0.084
T1 vs. T2 adjusted p = 0.8



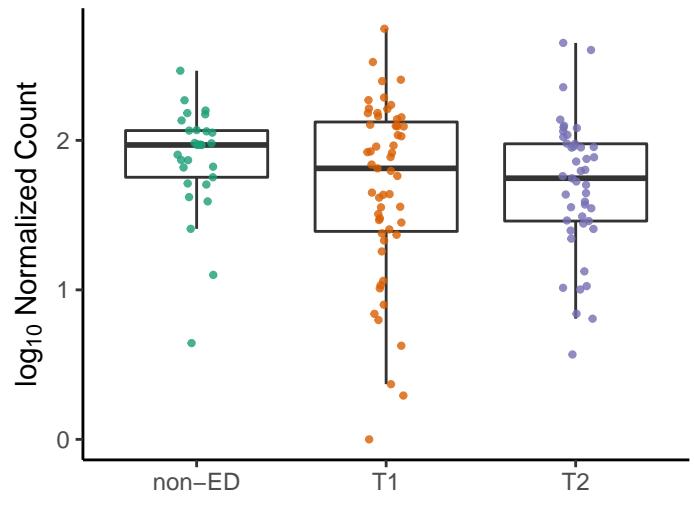
Unclassified Clostridiales Family XIII. In

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.084
T1 vs. T2 adjusted p = 0.88



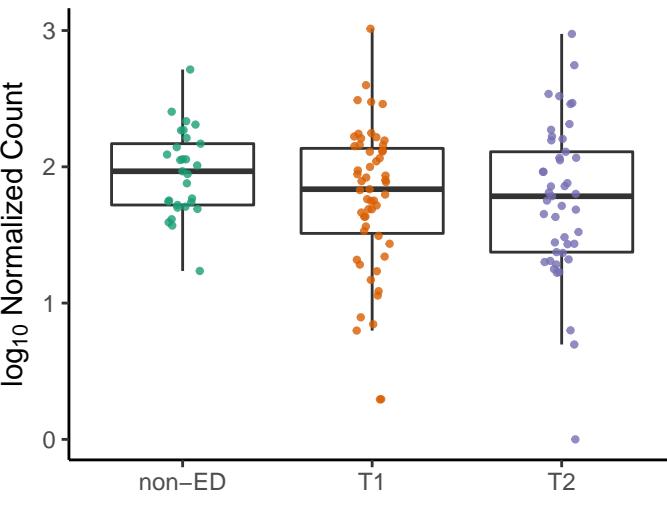
Unclassified Vibrionaceae Family

non-ED vs. T1 adjusted p = 0.097
non-ED vs. T2 adjusted p = 0.085
T1 vs. T2 adjusted p = 0.99



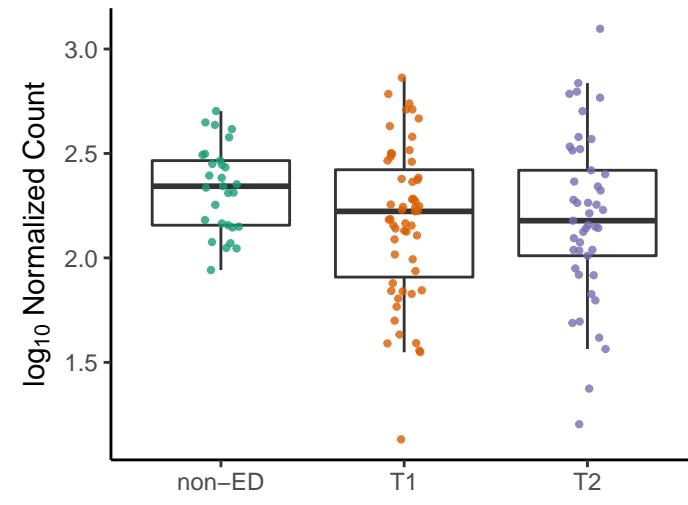
Arenimonas

non-ED vs. T1 adjusted p = 0.069
non-ED vs. T2 adjusted p = 0.085
T1 vs. T2 adjusted p = 0.94



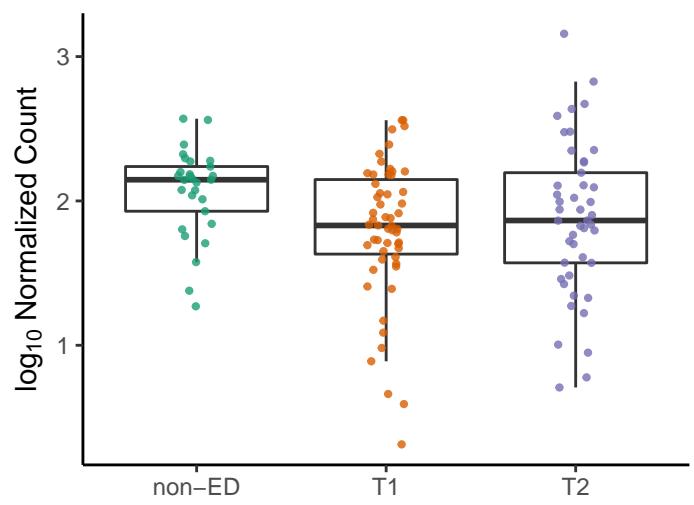
Syntrophobacter

non-ED vs. T1 adjusted p = 0.026
non-ED vs. T2 adjusted p = 0.086
T1 vs. T2 adjusted p = 0.86



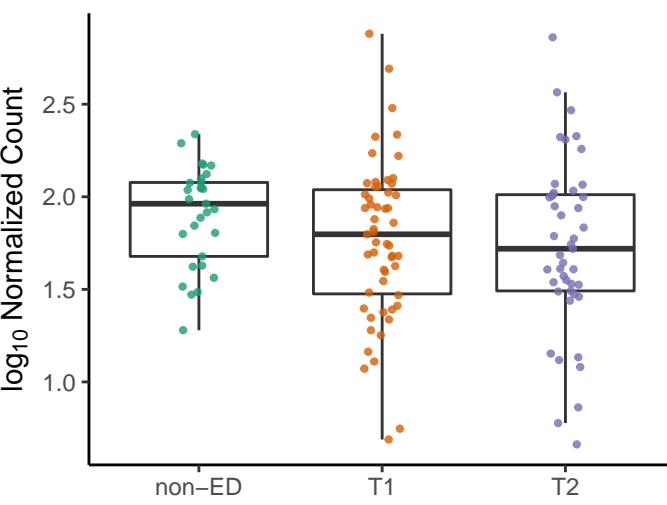
Marinovum

non-ED vs. T1 adjusted p = 0.0096
non-ED vs. T2 adjusted p = 0.086
T1 vs. T2 adjusted p = 0.79



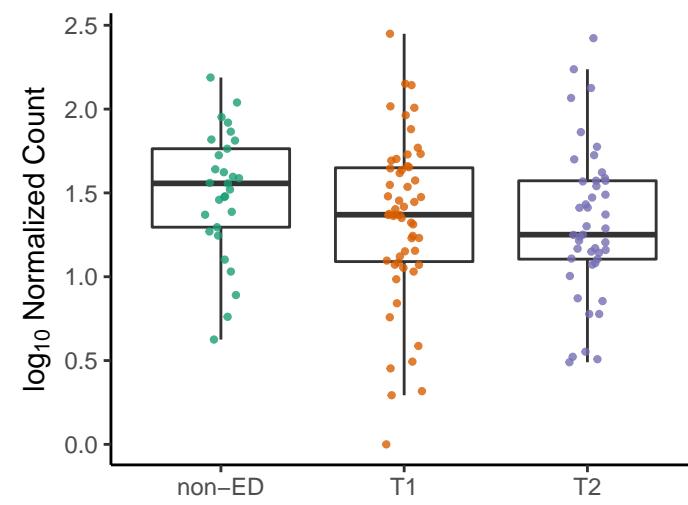
Flavihumibacter

non-ED vs. T1 adjusted p = 0.12
non-ED vs. T2 adjusted p = 0.086
T1 vs. T2 adjusted p = 0.99



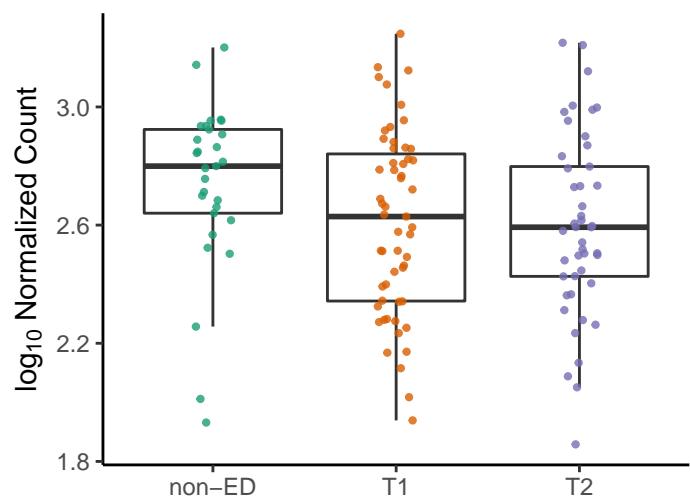
Aquifex

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.087
T1 vs. T2 adjusted p = 0.97



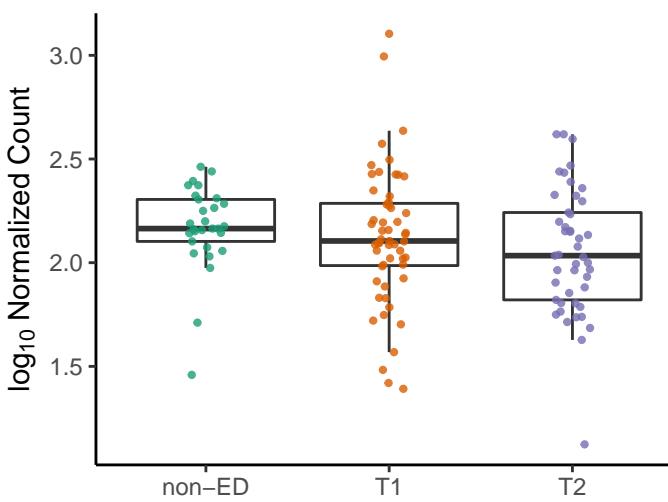
Bartonella

non-ED vs. T1 adjusted p = 0.094
non-ED vs. T2 adjusted p = 0.087
T1 vs. T2 adjusted p = 0.99



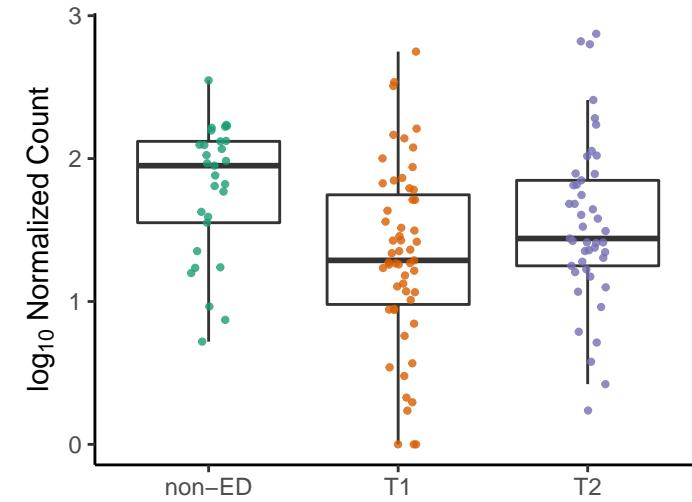
Runella

non-ED vs. T1 adjusted p = 0.5
non-ED vs. T2 adjusted p = 0.087
T1 vs. T2 adjusted p = 0.79



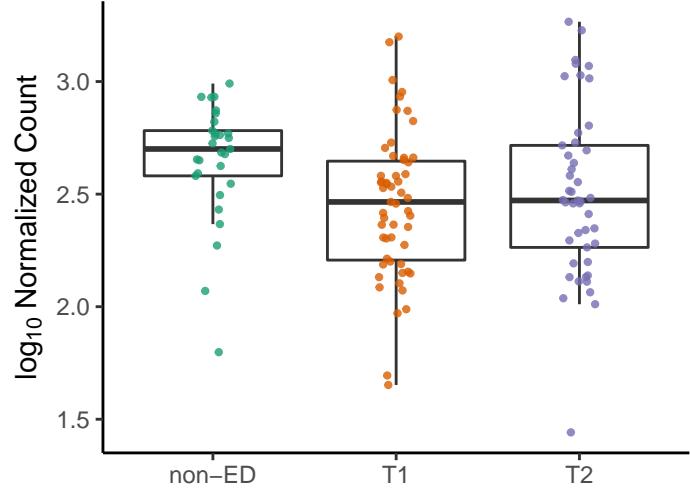
Dichelobacter

non-ED vs. T1 adjusted p = 0.0036
non-ED vs. T2 adjusted p = 0.087
T1 vs. T2 adjusted p = 0.77



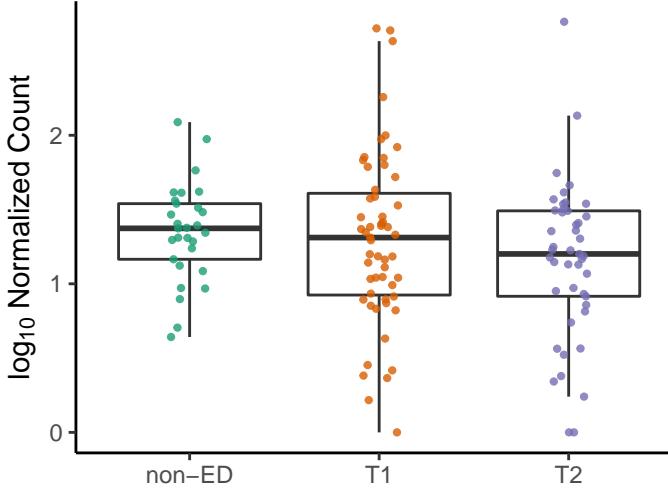
Pelosinus

non-ED vs. T1 adjusted p = 0.012
non-ED vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.81



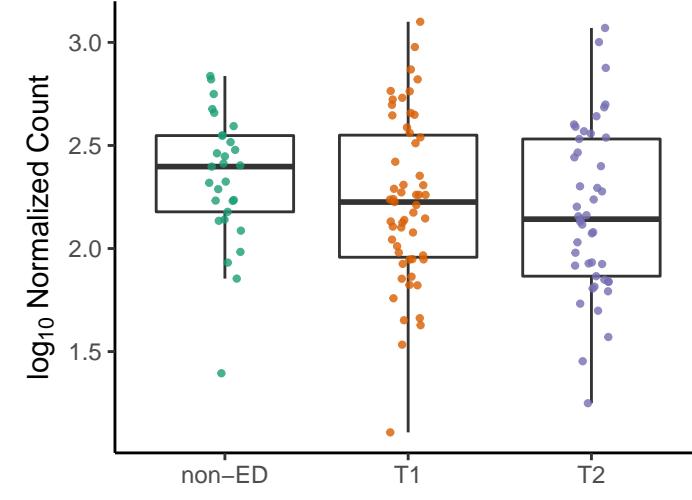
Unclassified Morganellaceae Family

non-ED vs. T1 adjusted p = 0.65
non-ED vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.79



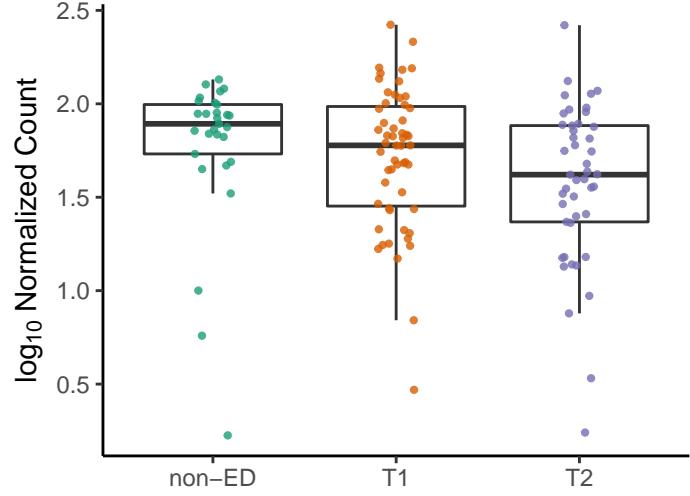
Unclassified Tenericutes Phylum

non-ED vs. T1 adjusted p = 0.21
non-ED vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.8



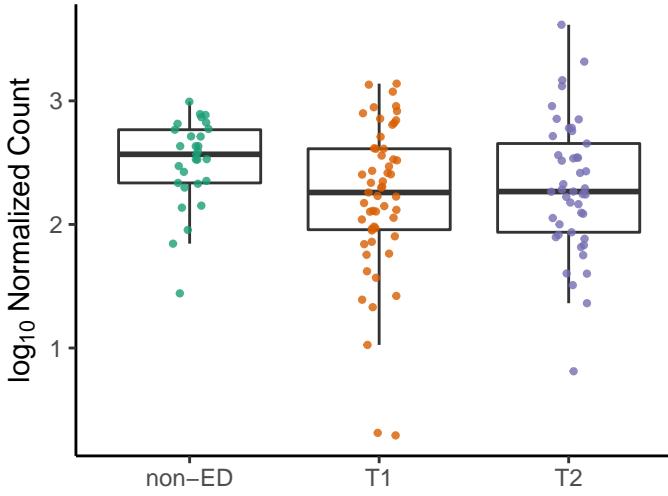
Marivirga

non-ED vs. T1 adjusted p = 0.62
non-ED vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.79



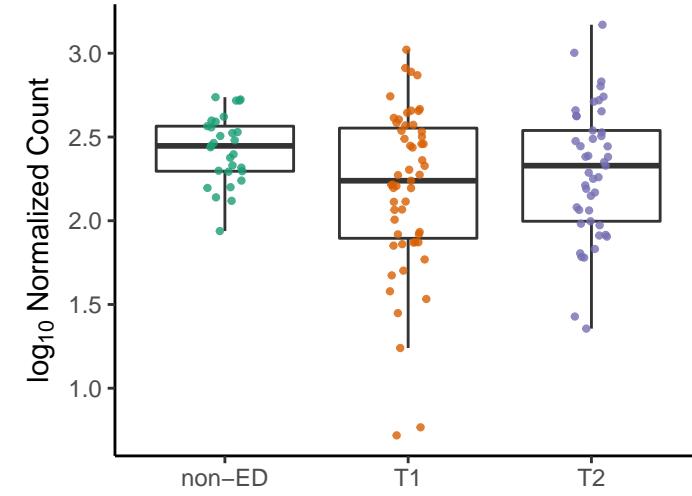
Baedkuia

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.79



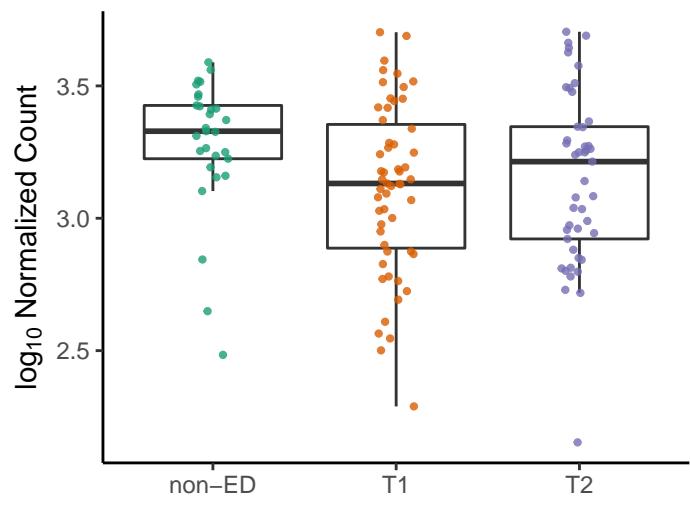
Thermosediminibacter

non-ED vs. T1 adjusted p = 0.0095
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.79



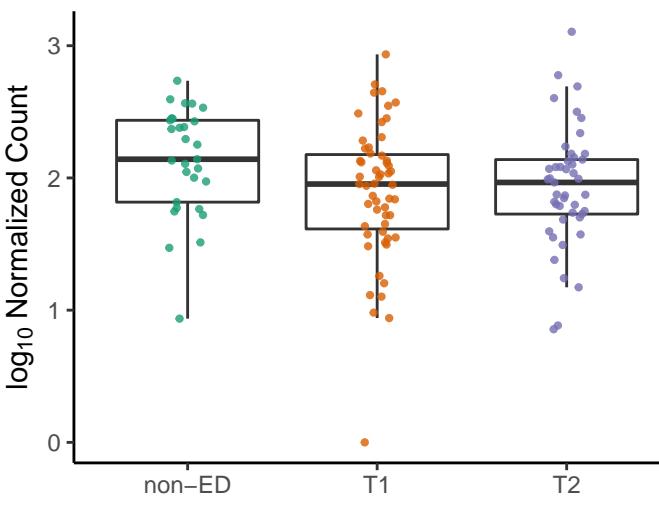
Hungateiclostridium

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.86



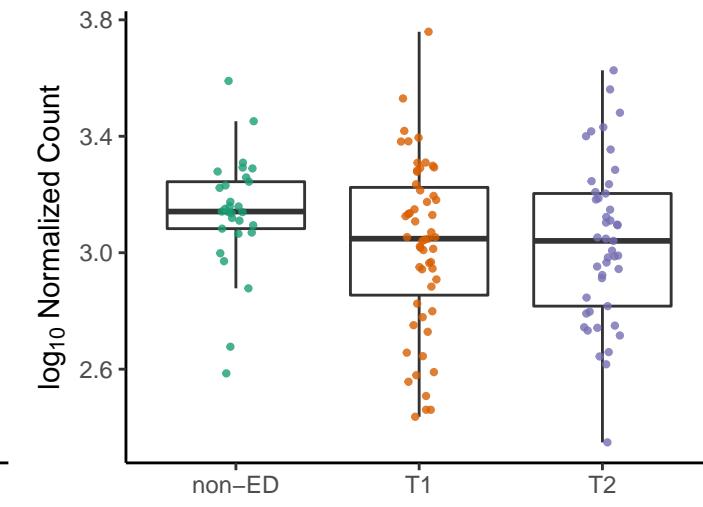
Bradymonas

non-ED vs. T1 adjusted p = 0.047
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.8



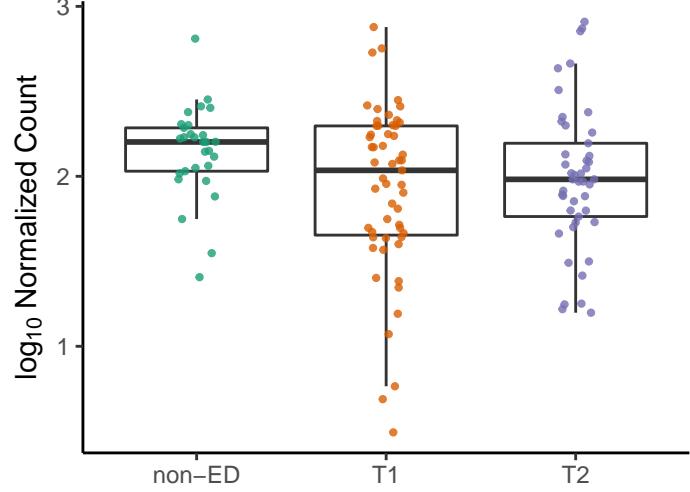
Mucilaginibacter

non-ED vs. T1 adjusted p = 0.061
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.98



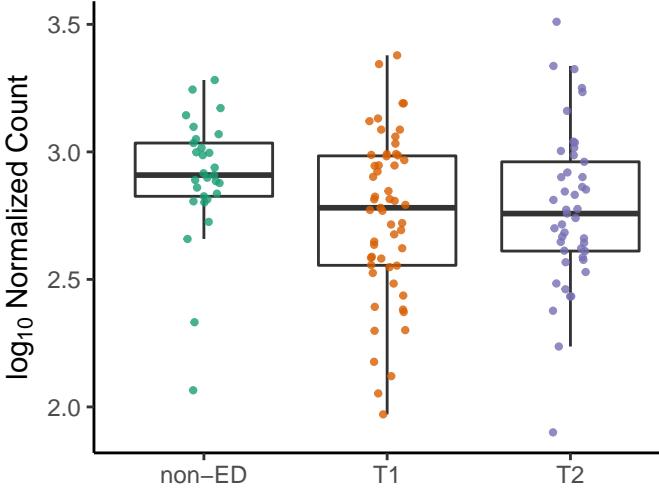
Ammonifex

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.79



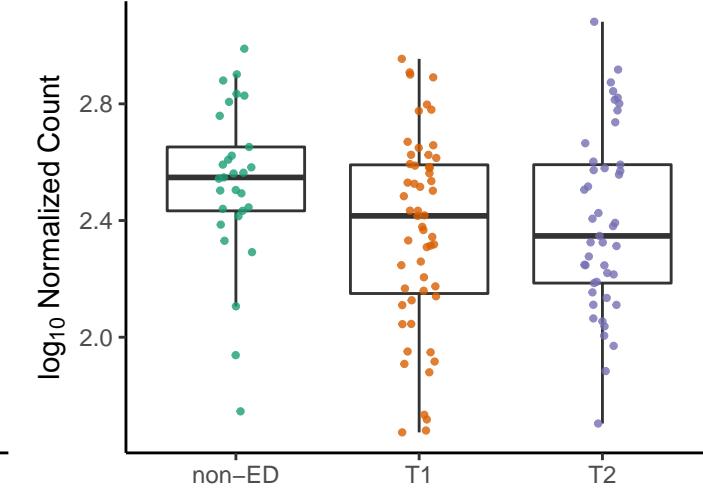
Thermclostridium

non-ED vs. T1 adjusted p = 0.031
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.81



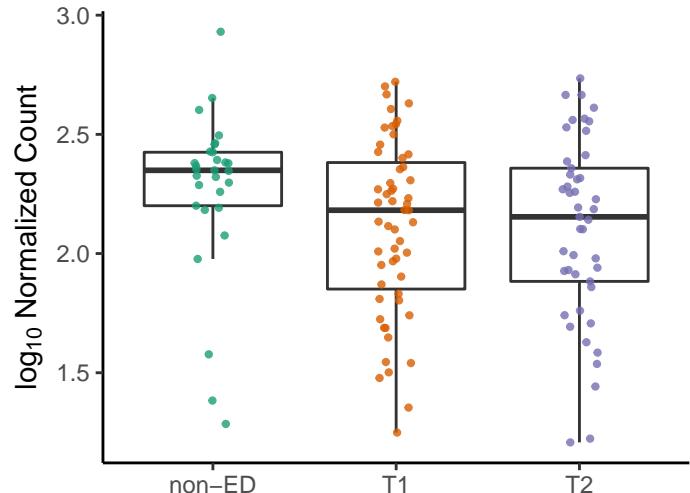
Colwellia

non-ED vs. T1 adjusted p = 0.034
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.92



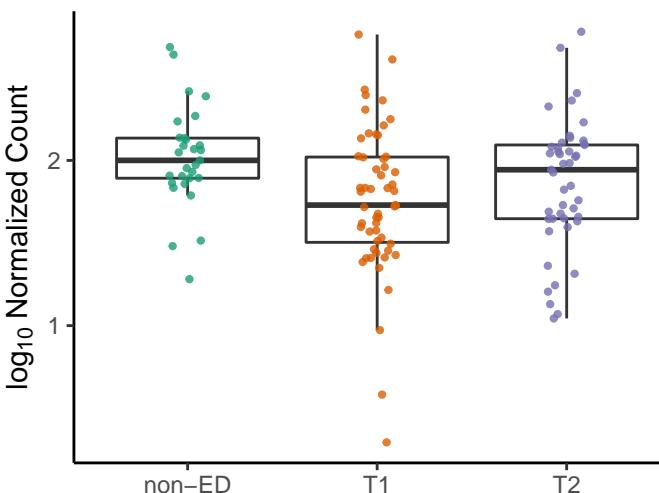
Aliivibrio

non-ED vs. T1 adjusted p = 0.084
non-ED vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.91



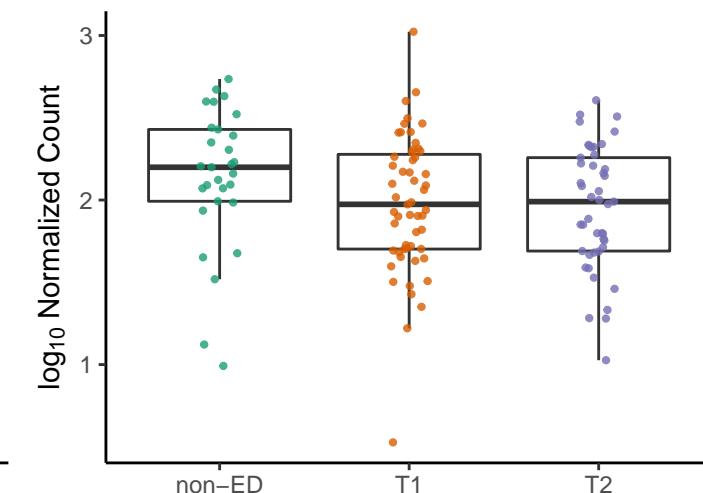
Actinobaculum

non-ED vs. T1 adjusted p = 0.0091
non-ED vs. T2 adjusted p = 0.091
T1 vs. T2 adjusted p = 0.79



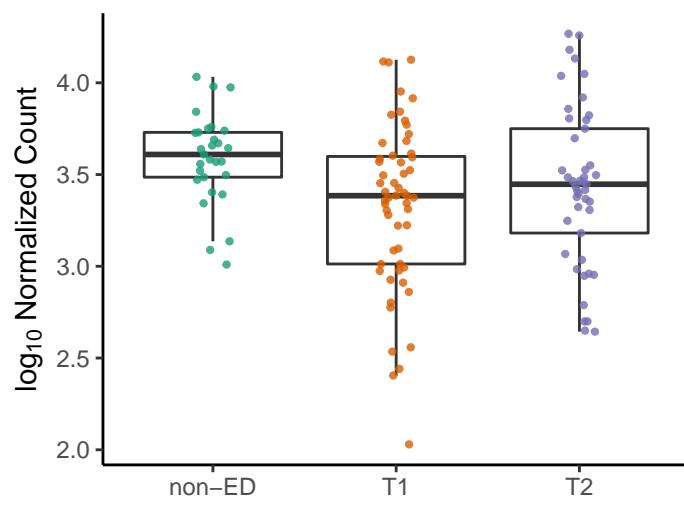
Ureibacillus

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.092
T1 vs. T2 adjusted p = 0.85



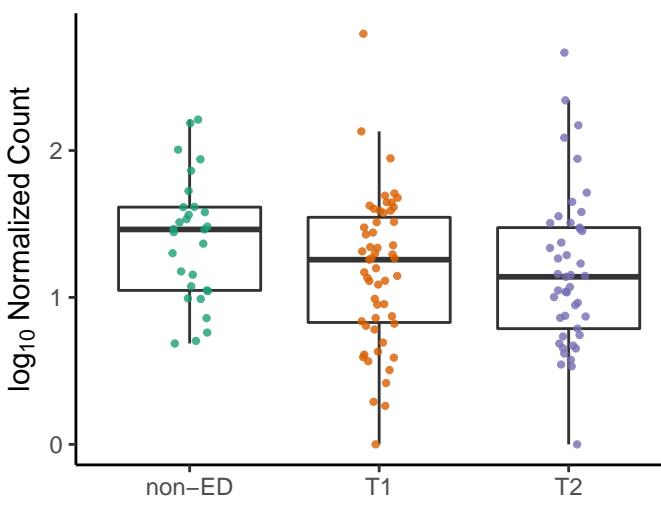
Ethanologenens

non-ED vs. T1 adjusted p = 0.0055
non-ED vs. T2 adjusted p = 0.092
T1 vs. T2 adjusted p = 0.79



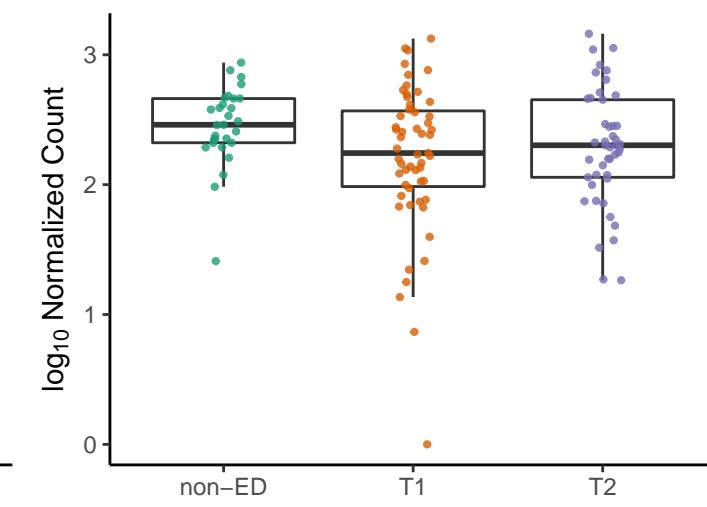
Haloquadratum

non-ED vs. T1 adjusted p = 0.069
non-ED vs. T2 adjusted p = 0.092
T1 vs. T2 adjusted p = 0.96



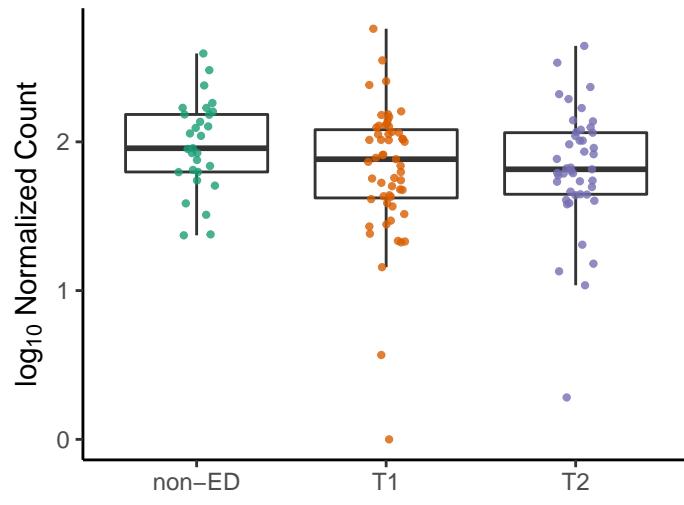
Micrococcus

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.092
T1 vs. T2 adjusted p = 0.79



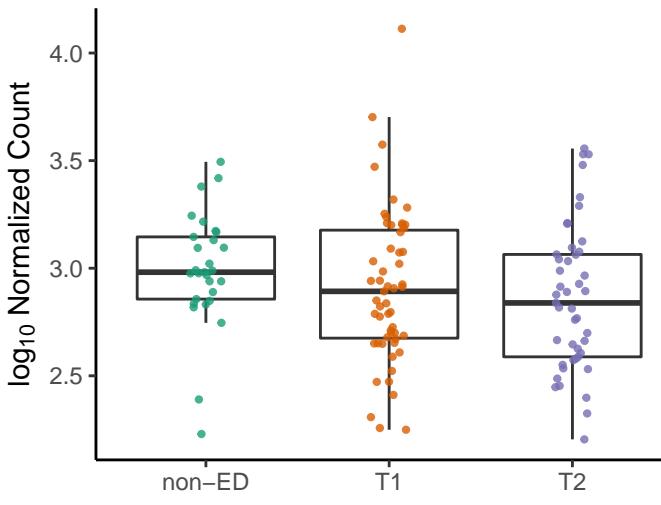
Chelativorans

non-ED vs. T1 adjusted p = 0.07
non-ED vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.83



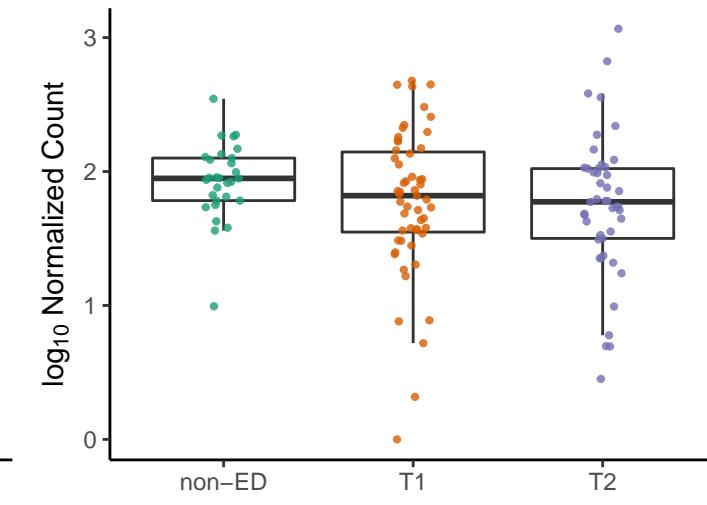
Erysipelothrix

non-ED vs. T1 adjusted p = 0.27
non-ED vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.79



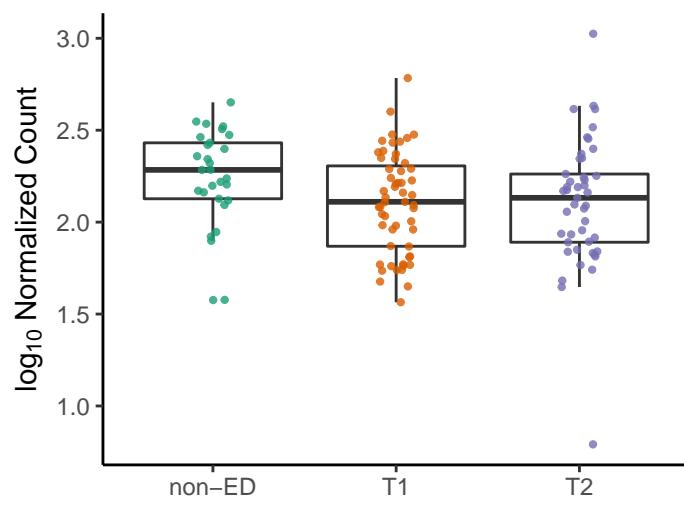
Isosphaera

non-ED vs. T1 adjusted p = 0.12
non-ED vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.98



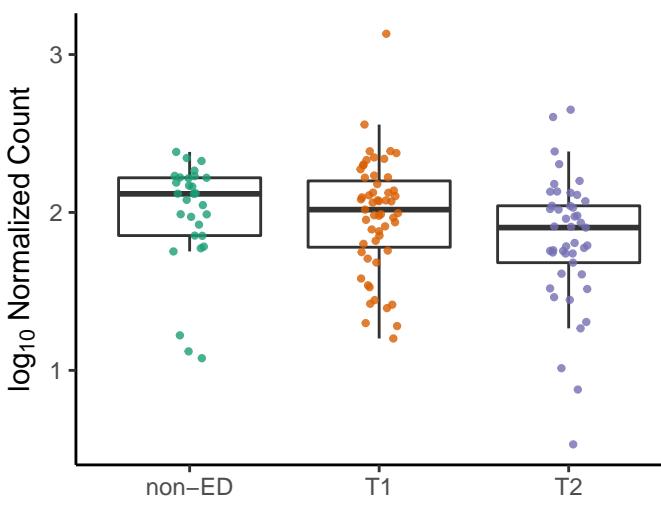
Tatumella

non-ED vs. T1 adjusted p = 0.053
non-ED vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.97



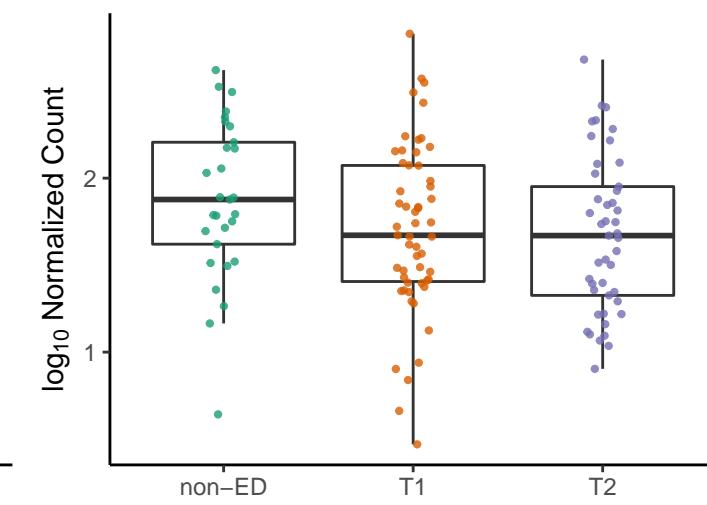
Pseudopedobacter

non-ED vs. T1 adjusted p = 0.87
non-ED vs. T2 adjusted p = 0.094
T1 vs. T2 adjusted p = 0.77



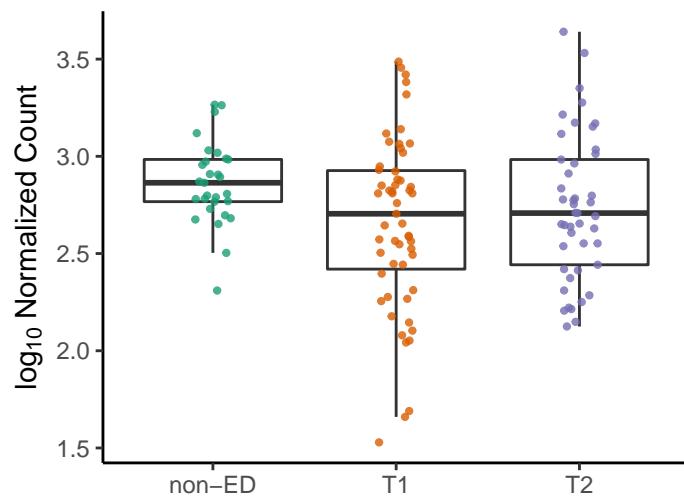
Unclassified Mollicutes Class

non-ED vs. T1 adjusted p = 0.15
non-ED vs. T2 adjusted p = 0.094
T1 vs. T2 adjusted p = 0.83



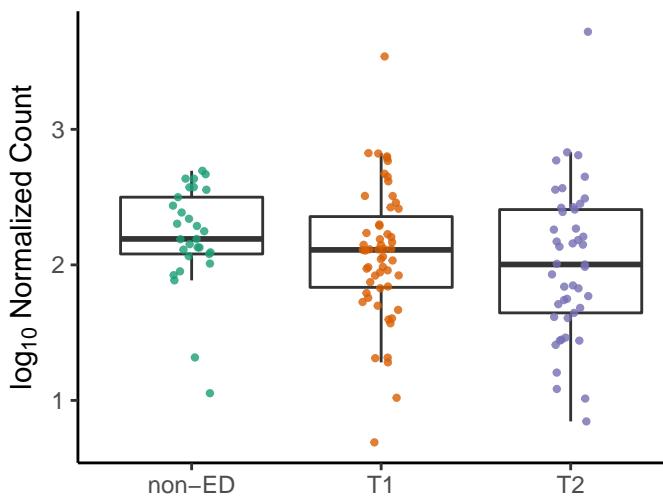
Nonomuraea

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.094
T1 vs. T2 adjusted p = 0.79



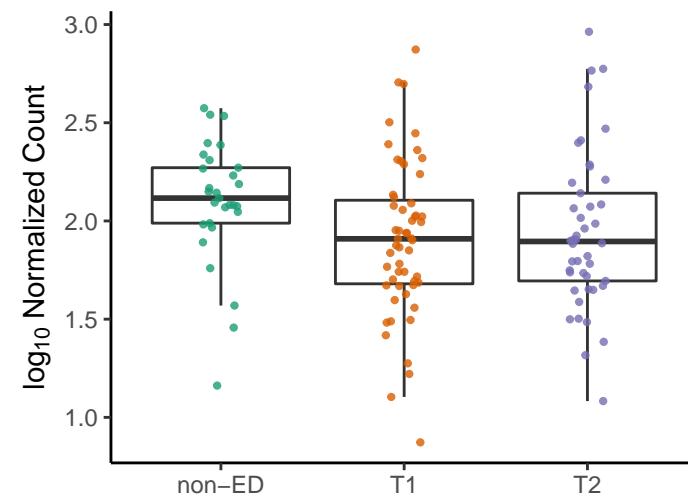
Candidatus Pelagibacter

non-ED vs. T1 adjusted p = 0.23
non-ED vs. T2 adjusted p = 0.095
T1 vs. T2 adjusted p = 0.79



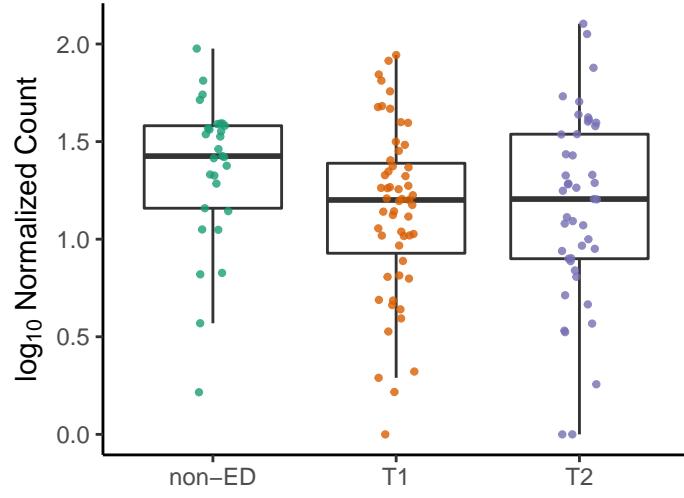
Glaesserella

non-ED vs. T1 adjusted p = 0.034
non-ED vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.88



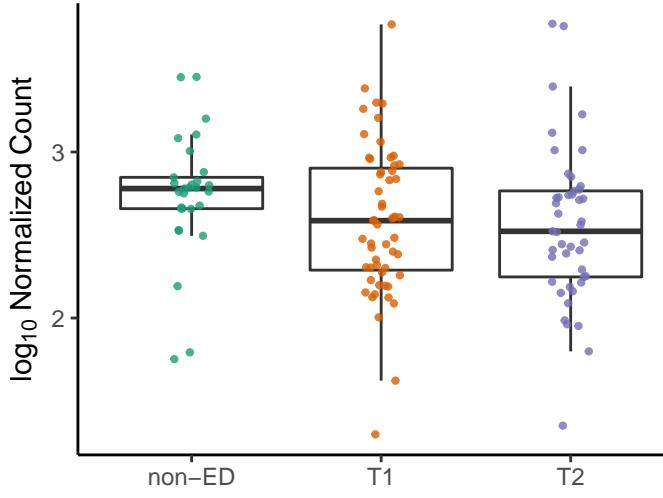
Otariodibacter

non-ED vs. T1 adjusted p = 0.051
non-ED vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.92



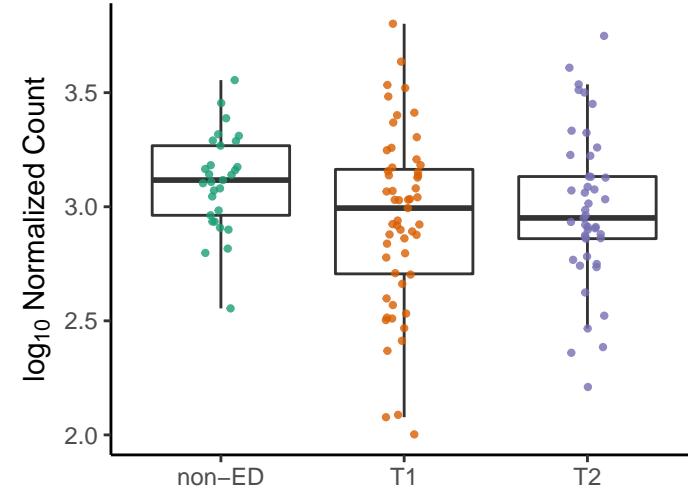
Finegoldia

non-ED vs. T1 adjusted p = 0.13
non-ED vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.91



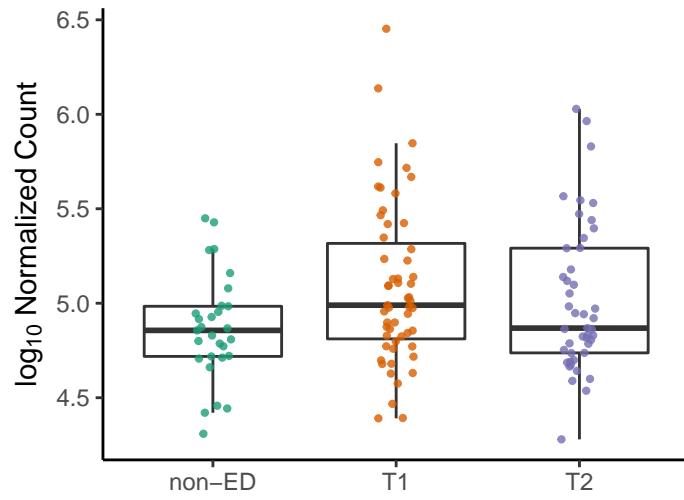
Brevundimonas

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.79



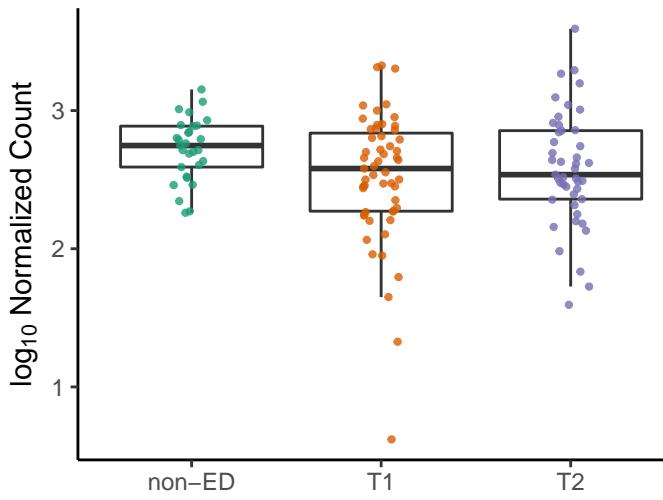
Lachnoclostridium

non-ED vs. T1 adjusted p = 0.015
non-ED vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.79



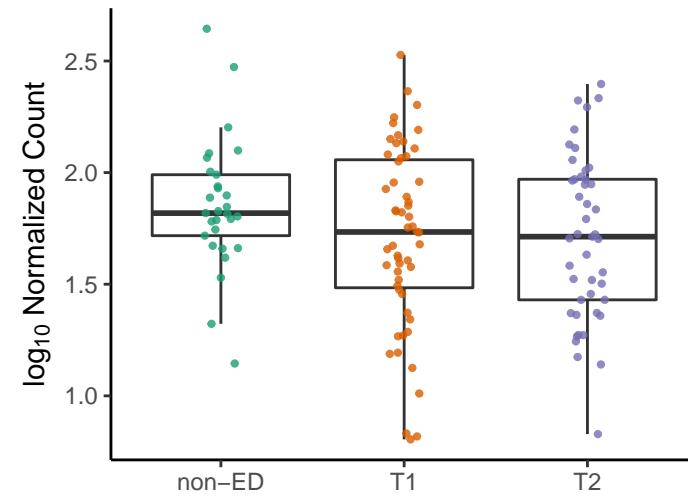
Microlunatus

non-ED vs. T1 adjusted p = 0.024
non-ED vs. T2 adjusted p = 0.097
T1 vs. T2 adjusted p = 0.79



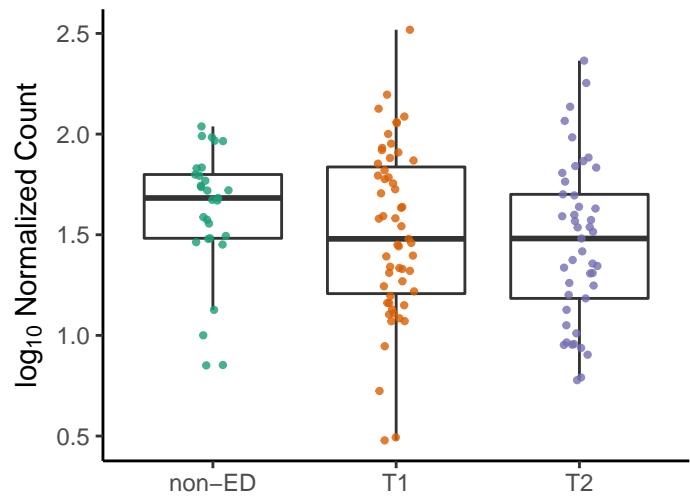
Nitrososphaera

non-ED vs. T1 adjusted p = 0.098
non-ED vs. T2 adjusted p = 0.097
T1 vs. T2 adjusted p = 0.89



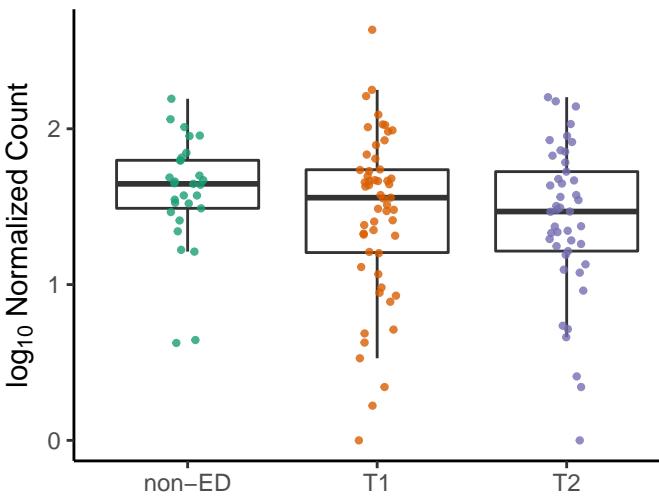
Aureitalea

non-ED vs. T1 adjusted p = 0.25
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.86



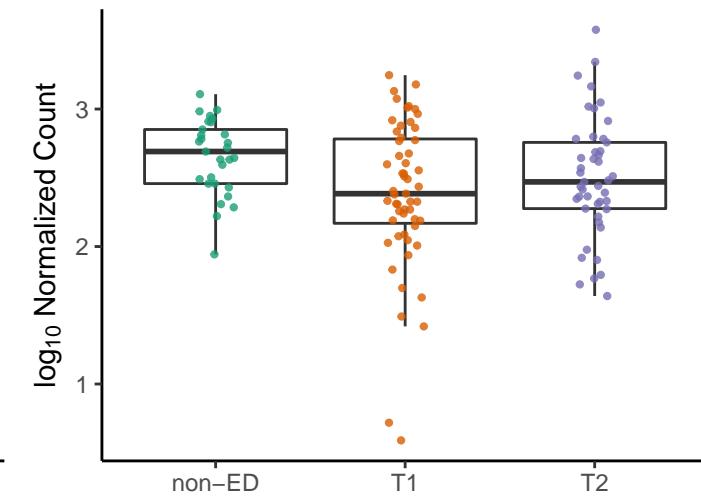
Changchengzhania

non-ED vs. T1 adjusted p = 0.19
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.79



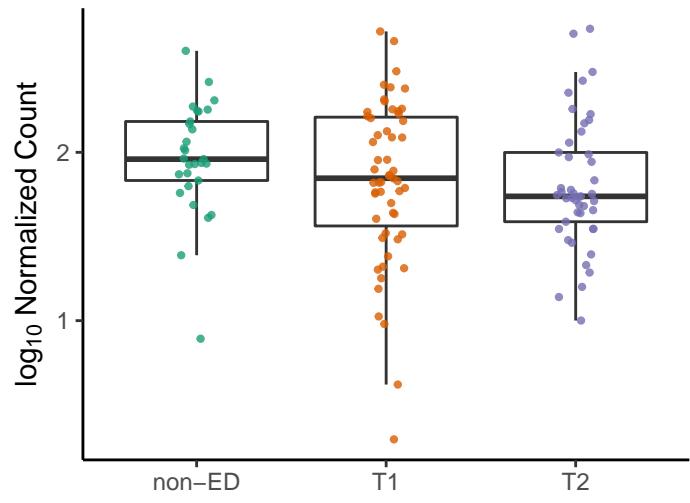
Methylo rubrum

non-ED vs. T1 adjusted p = 0.011
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.79



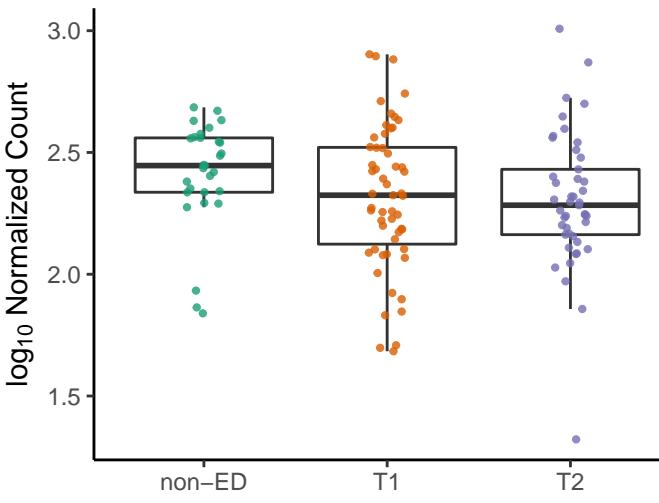
Noviherbaspirillum

non-ED vs. T1 adjusted p = 0.17
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.97



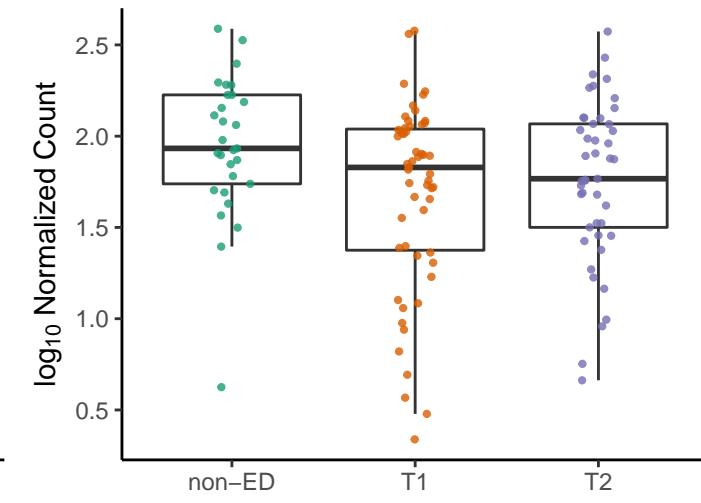
Photobacterium

non-ED vs. T1 adjusted p = 0.14
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.85



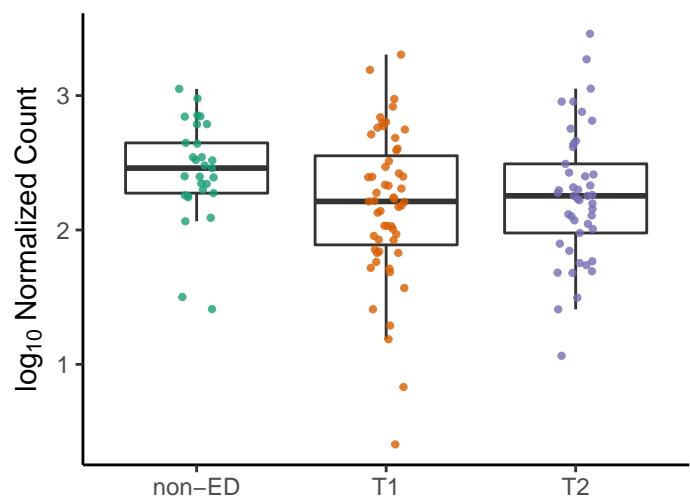
Unclassified Chitinophagaceae Family

non-ED vs. T1 adjusted p = 0.025
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.8



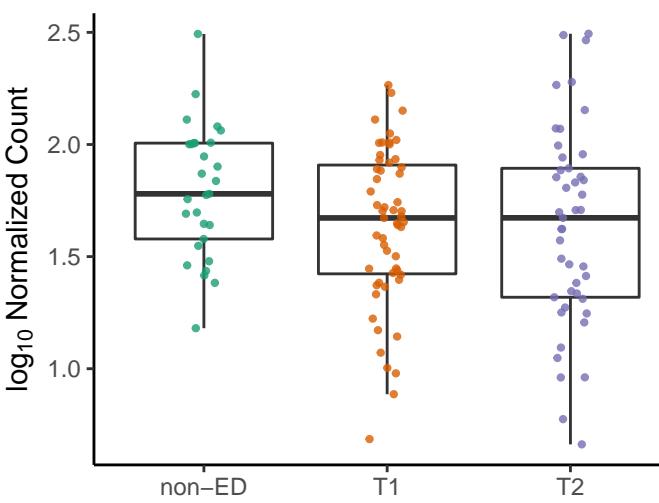
Cellulosimicrobium

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.098
T1 vs. T2 adjusted p = 0.8



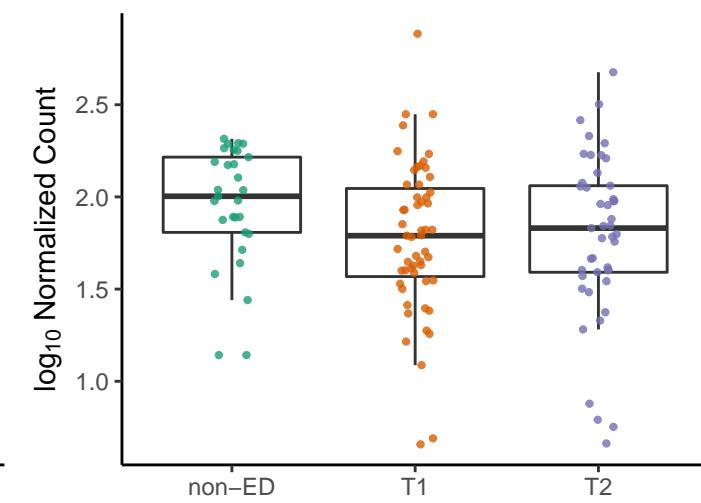
Muriicola

non-ED vs. T1 adjusted p = 0.052
non-ED vs. T2 adjusted p = 0.099
T1 vs. T2 adjusted p = 0.99



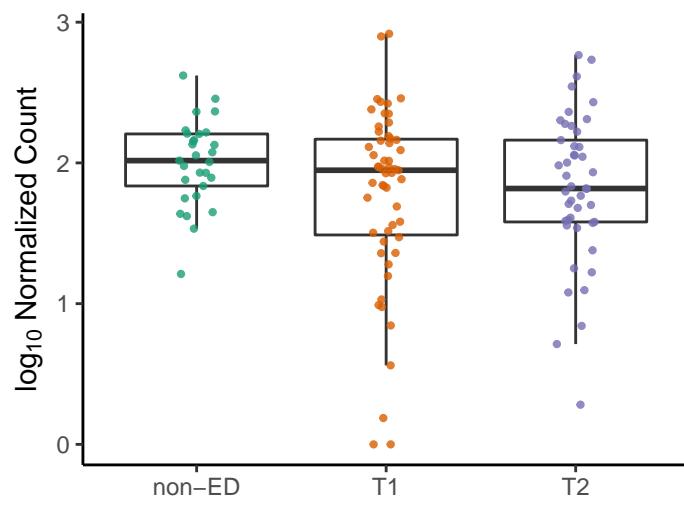
Thermodesulfovibrio

non-ED vs. T1 adjusted p = 0.056
non-ED vs. T2 adjusted p = 0.099
T1 vs. T2 adjusted p = 0.97



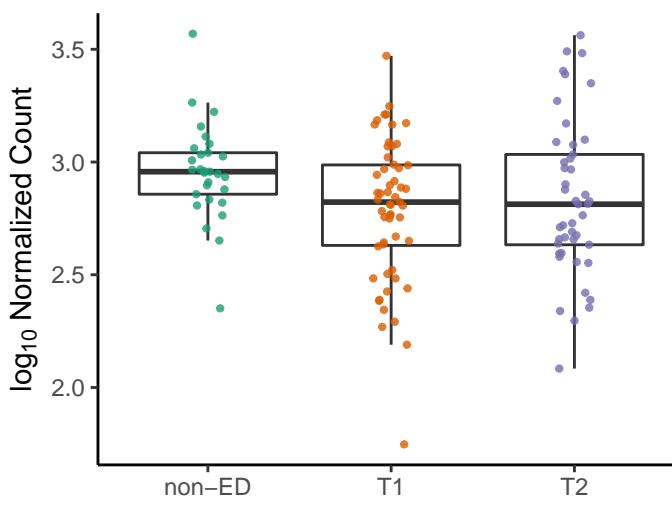
Unclassified Desulfovibrionales Order

non-ED vs. T1 adjusted p = 0.053
non-ED vs. T2 adjusted p = 0.099
T1 vs. T2 adjusted p = 0.82



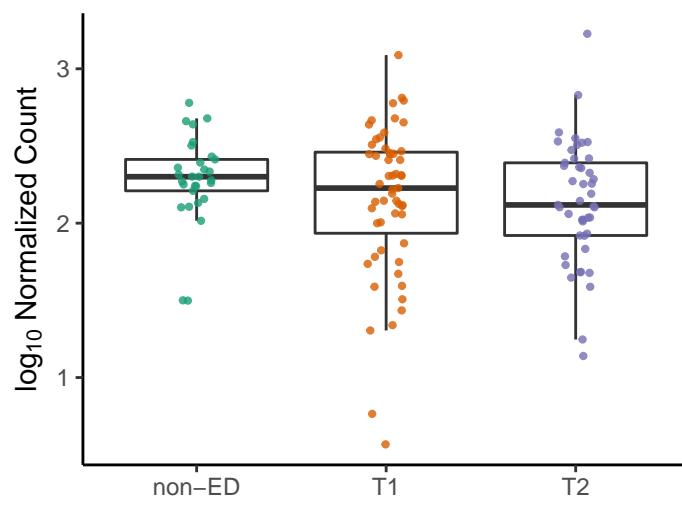
Unclassified Paenibacillaceae Family

non-ED vs. T1 adjusted p = 0.014
non-ED vs. T2 adjusted p = 0.099
T1 vs. T2 adjusted p = 0.79



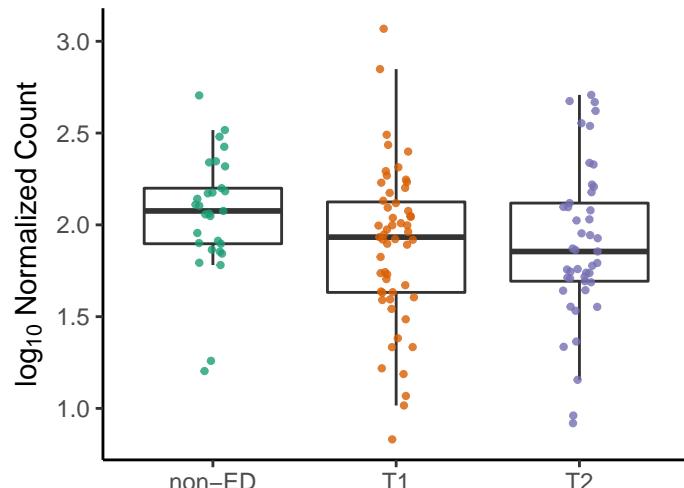
Desulfobulbus

non-ED vs. T1 adjusted p = 0.16
non-ED vs. T2 adjusted p = 0.099
T1 vs. T2 adjusted p = 0.97



Chloroherpeton

non-ED vs. T1 adjusted p = 0.061
non-ED vs. T2 adjusted p = 0.1
T1 vs. T2 adjusted p = 0.81



Calothrix

non-ED vs. T1 adjusted p = 0.027
non-ED vs. T2 adjusted p = 0.1
T1 vs. T2 adjusted p = 0.9

