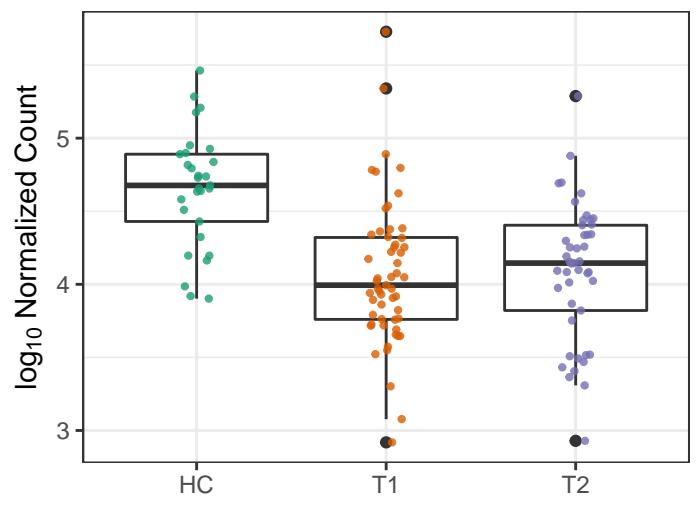


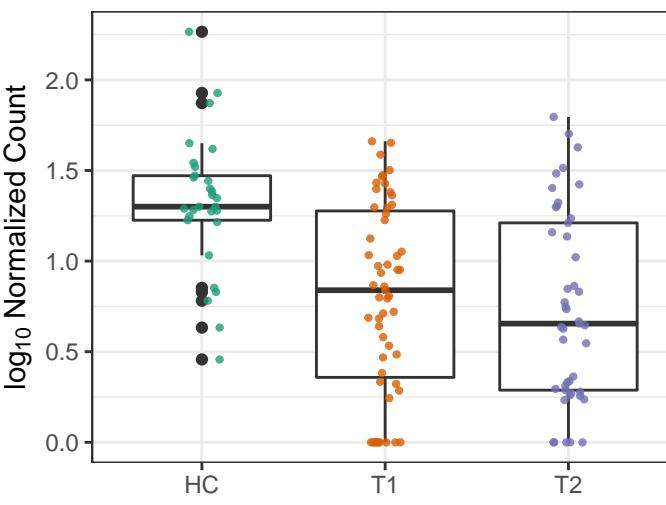
### Longibaculum

HC vs. T1 p = 0.00027  
HC vs. T2 p = 0.00031  
T1 vs. T2 p = 0.95



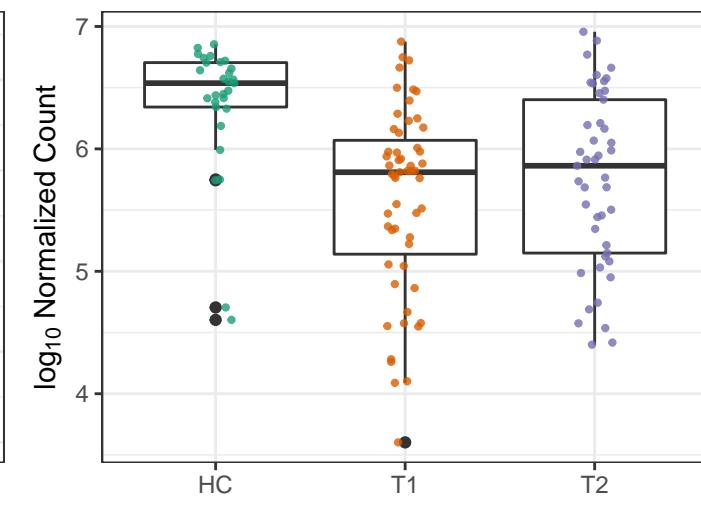
### Candidatus Nesciobacter

HC vs. T1 p = 0.00084  
HC vs. T2 p = 0.00031  
T1 vs. T2 p = 0.89



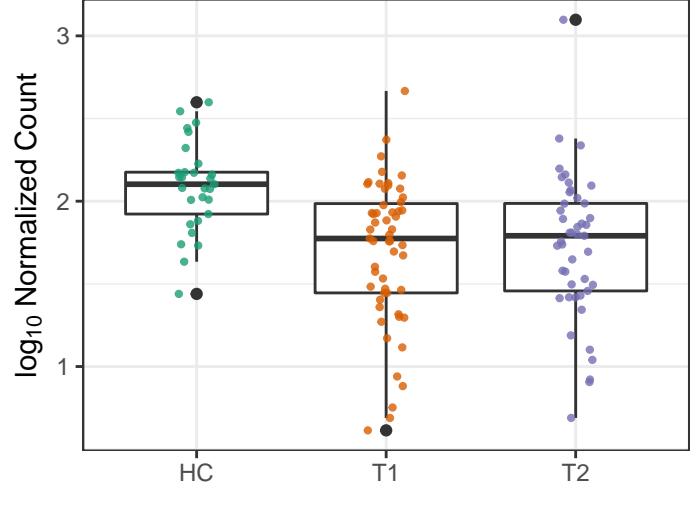
### Faecalibacterium

HC vs. T1 p = 0.00084  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.78



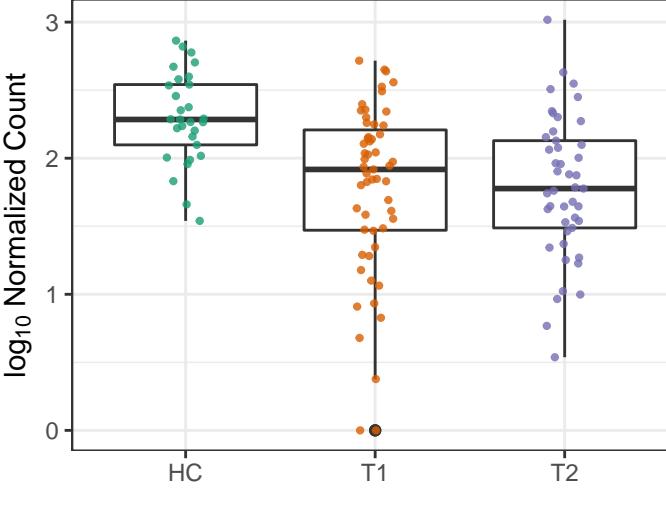
### Methylovorus

HC vs. T1 p = 0.00089  
HC vs. T2 p = 0.0027  
T1 vs. T2 p = 0.8



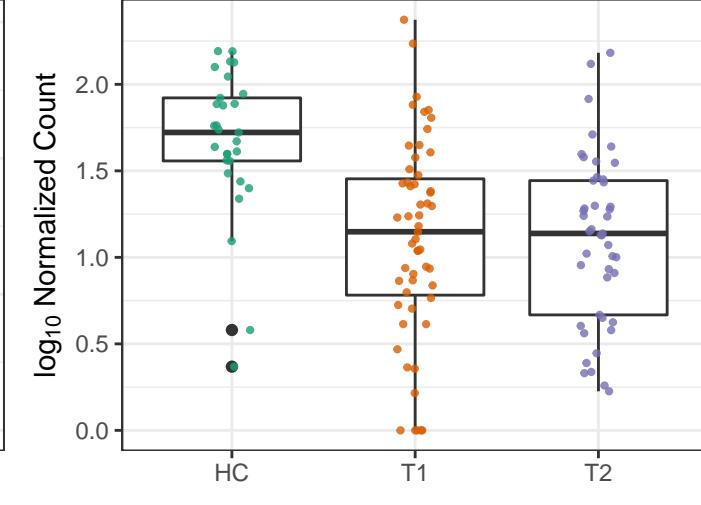
### Pseudorhodoplanes

HC vs. T1 p = 0.00089  
HC vs. T2 p = 0.00049  
T1 vs. T2 p = 0.78



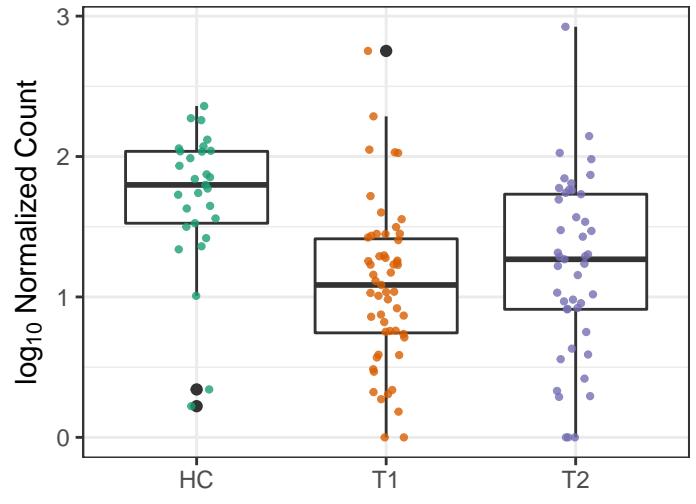
### Rickettsiella

HC vs. T1 p = 0.00089  
HC vs. T2 p = 0.00049  
T1 vs. T2 p = 0.87



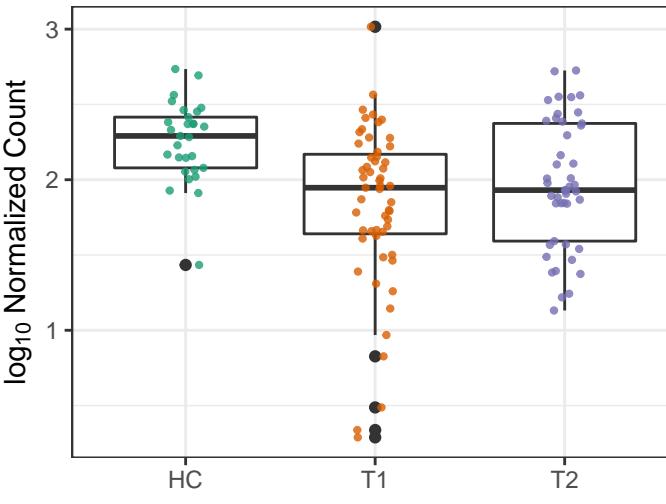
### Unclassified Veillonellaceae Family

HC vs. T1 p = 0.00089  
HC vs. T2 p = 0.0062  
T1 vs. T2 p = 0.78



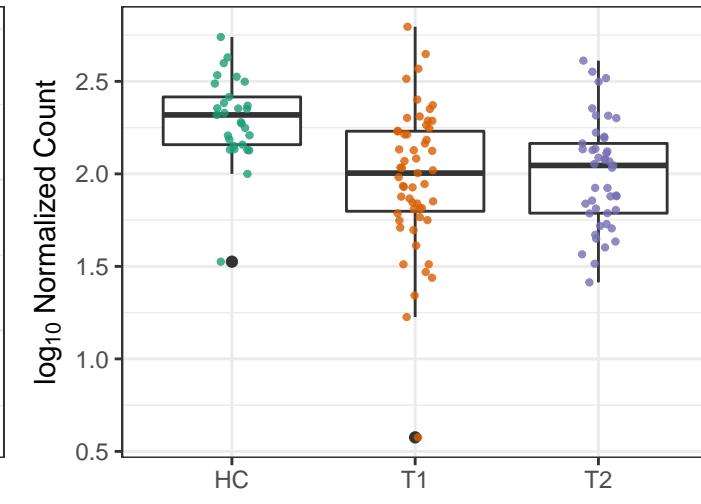
### Marmoricola

HC vs. T1 p = 0.0012  
HC vs. T2 p = 0.0085  
T1 vs. T2 p = 0.78



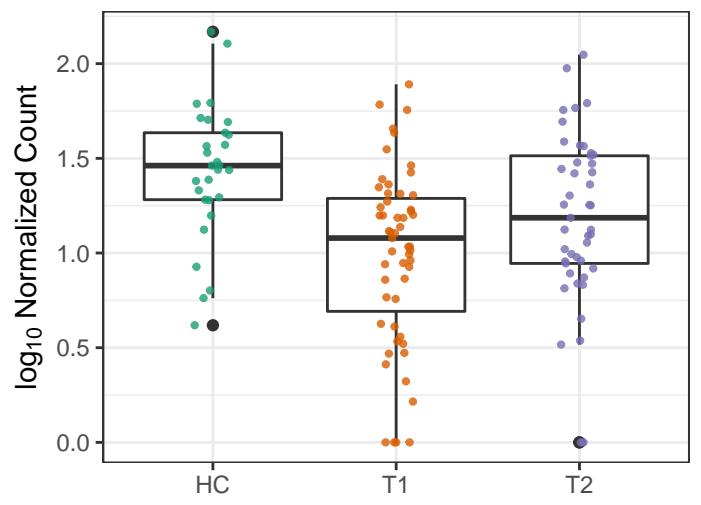
### Thiomicrorhabdus

HC vs. T1 p = 0.0012  
HC vs. T2 p = 0.001  
T1 vs. T2 p = 0.79



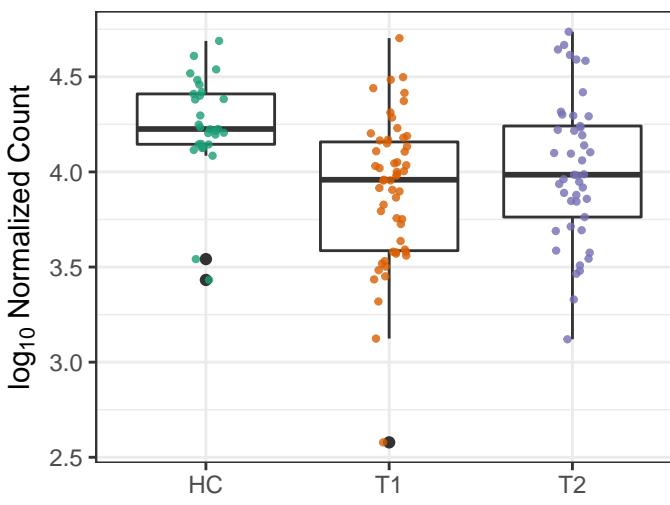
### Unclassified Carnobacteriaceae Family

HC vs. T1 p = 0.0012  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.68



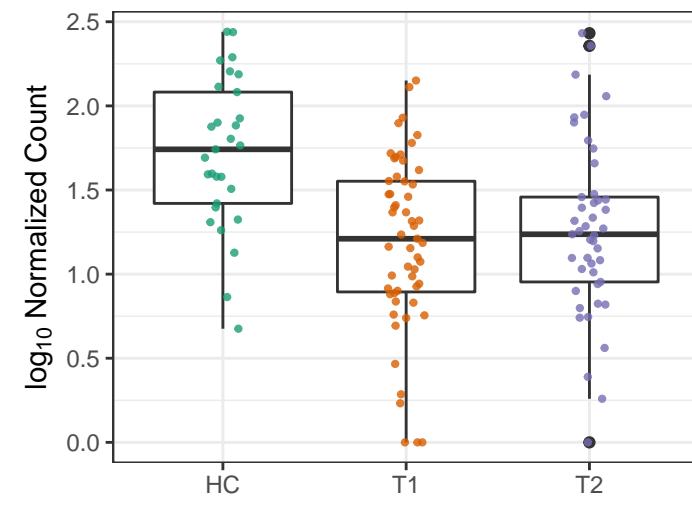
### Unclassified Ruminococcaceae Family

HC vs. T1 p = 0.0012  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



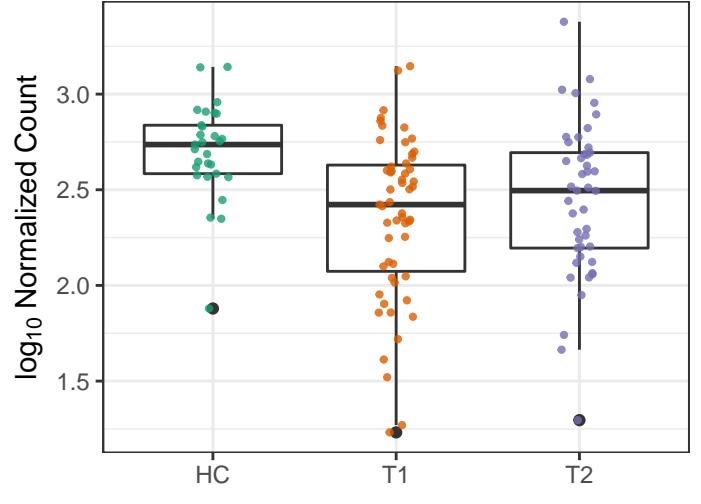
### Unclassified Saccharomycetales Order

HC vs. T1 p = 0.0012  
HC vs. T2 p = 0.0044  
T1 vs. T2 p = 0.78



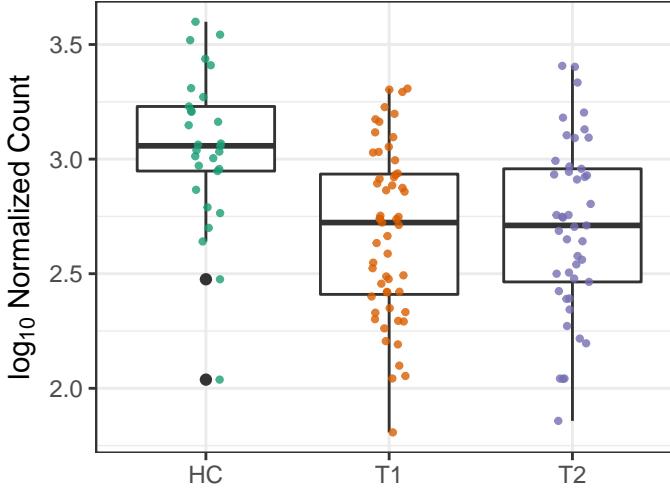
### Leisingera

HC vs. T1 p = 0.0016  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



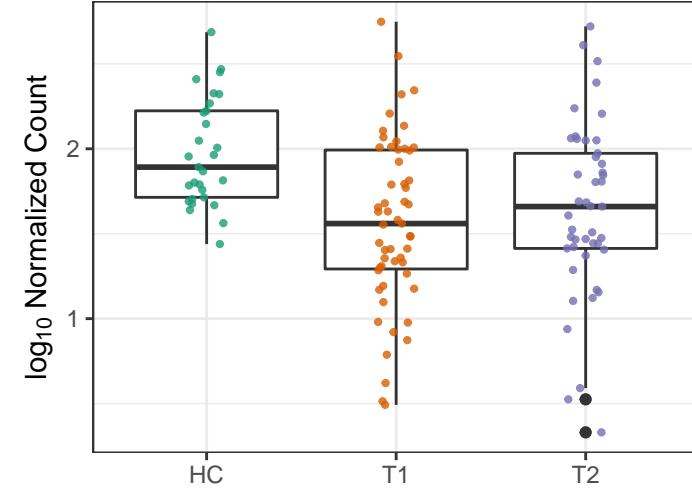
### Mageeibacillus

HC vs. T1 p = 0.002  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.78



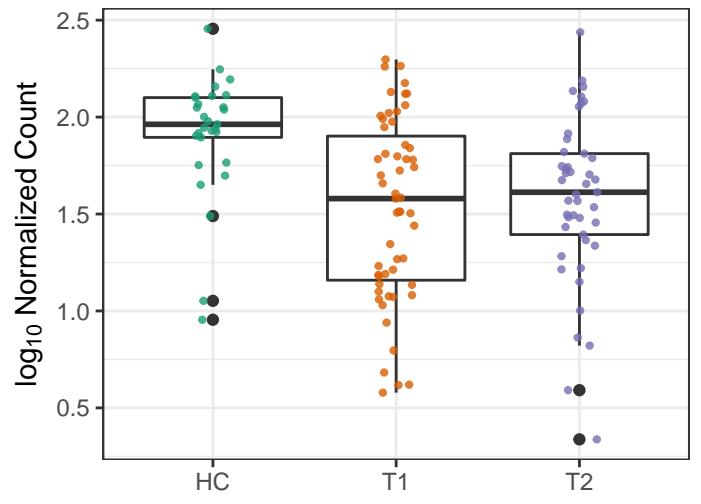
### Lentilitoribacter

HC vs. T1 p = 0.0021  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.79



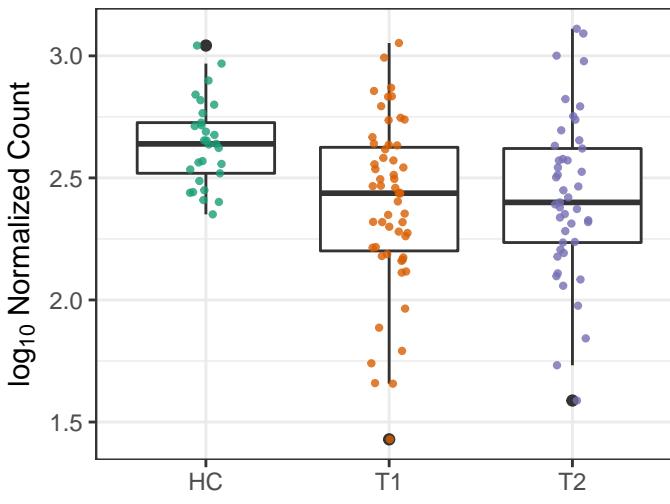
### Coraliomargarita

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0054  
T1 vs. T2 p = 0.85



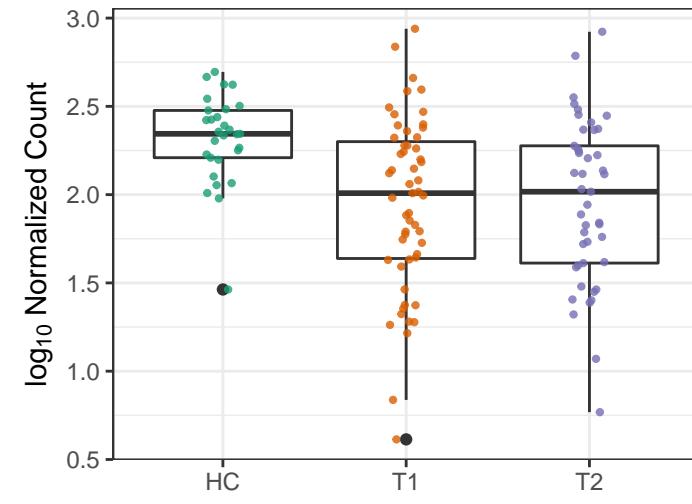
### Desulfallas

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0068  
T1 vs. T2 p = 0.89



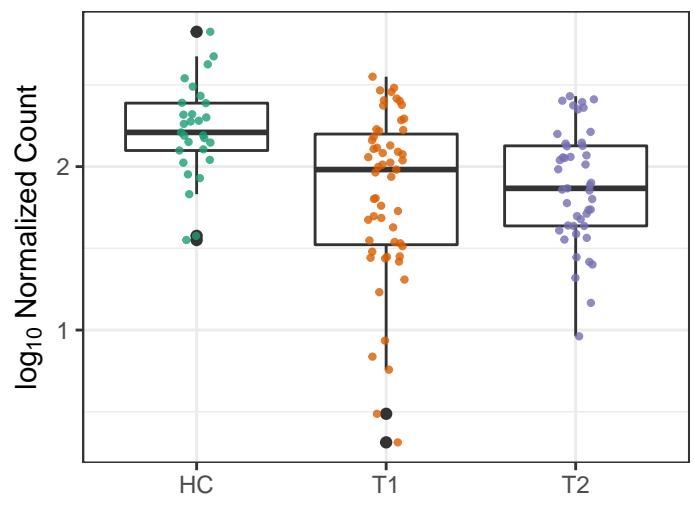
### Marichromatium

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0029  
T1 vs. T2 p = 0.9



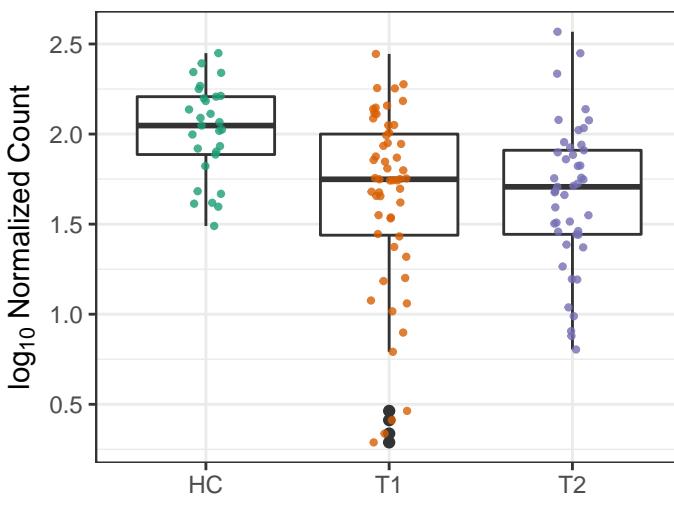
### Methanothrix

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0023  
T1 vs. T2 p = 0.78



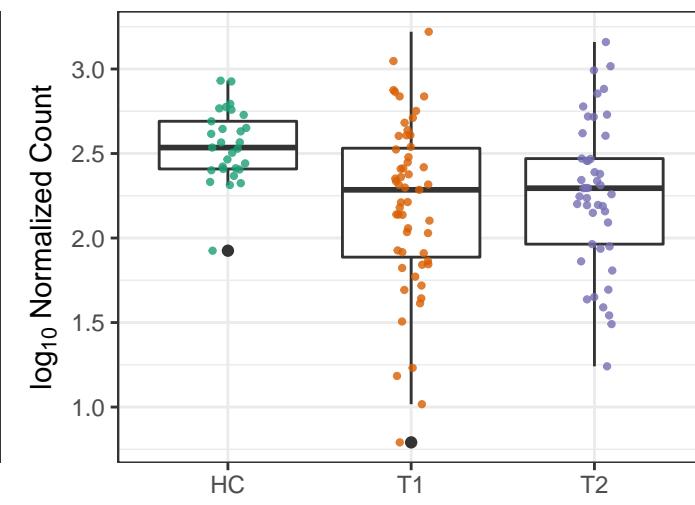
### Methylovulum

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0021  
T1 vs. T2 p = 0.85



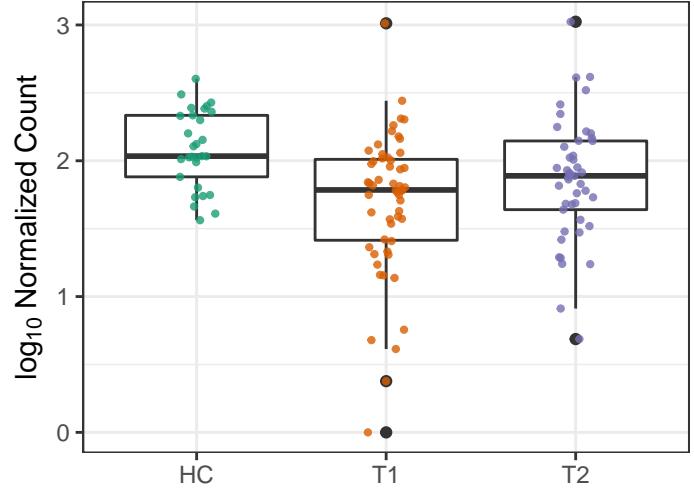
### Pseudoxanthomonas

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0066  
T1 vs. T2 p = 0.78



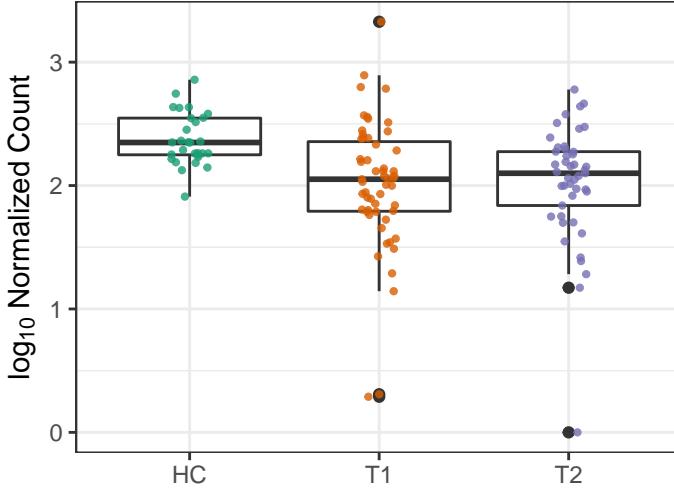
### Rhizorhabdus

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.71



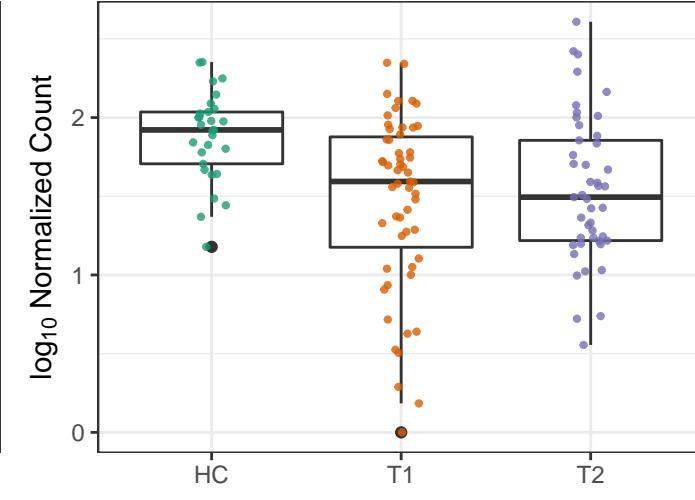
### Thiocystis

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0028  
T1 vs. T2 p = 0.83



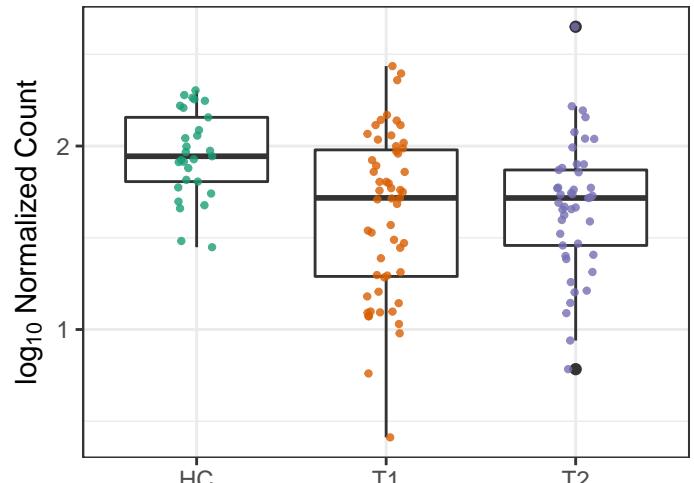
### Unclassified Haloferacales Order

HC vs. T1 p = 0.0022  
HC vs. T2 p = 0.0049  
T1 vs. T2 p = 0.78



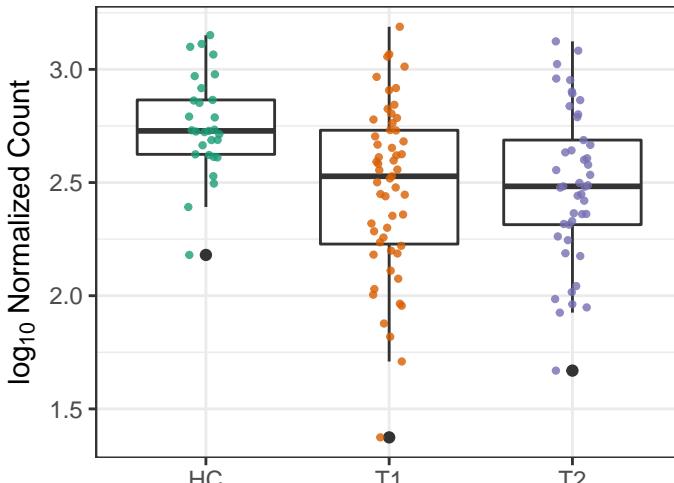
### Iodobacter

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0034  
T1 vs. T2 p = 0.78



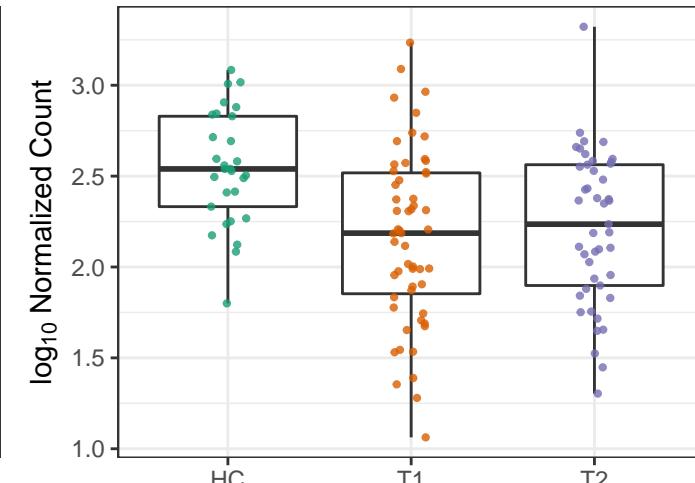
### Terriglobus

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.79



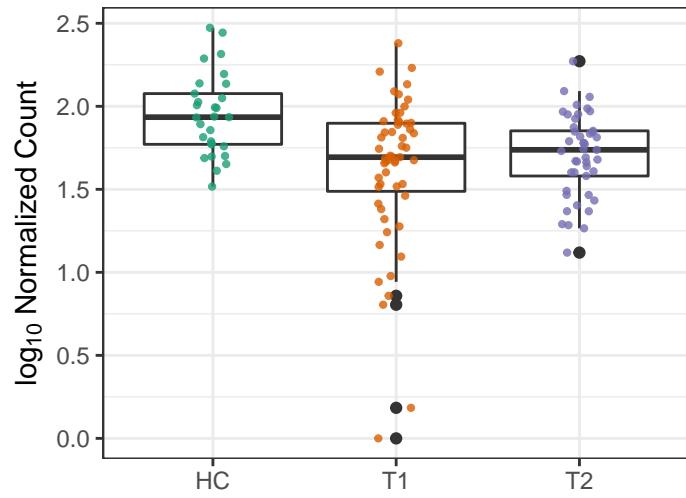
### Unclassified Campylobacteraceae Fam

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0054  
T1 vs. T2 p = 0.81



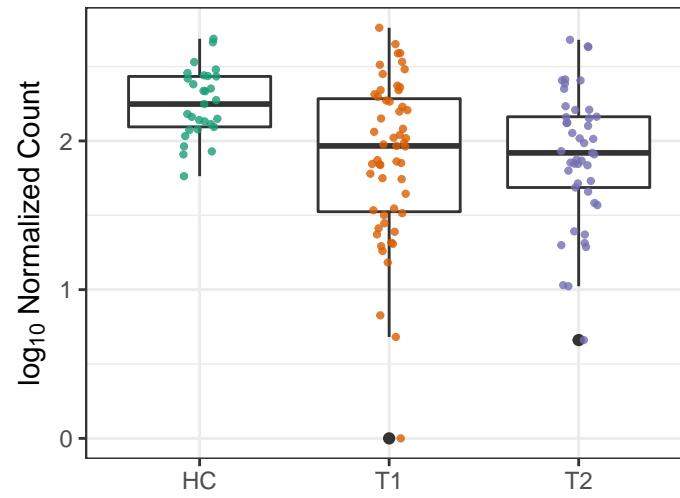
### Grimontia

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.004  
T1 vs. T2 p = 0.78



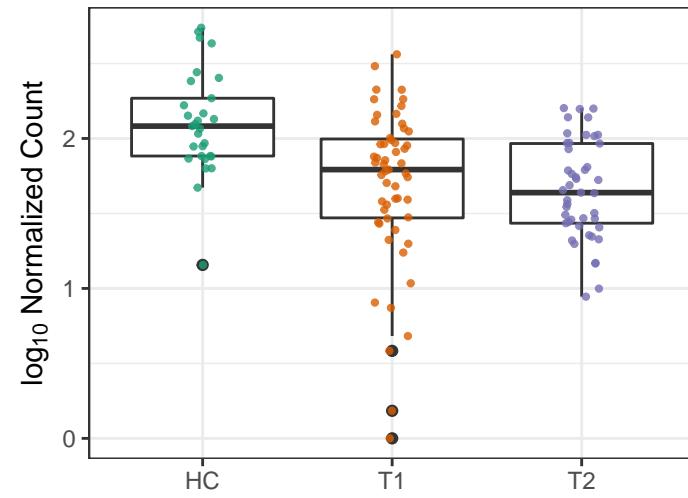
### Humibacter

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0025  
T1 vs. T2 p = 0.83



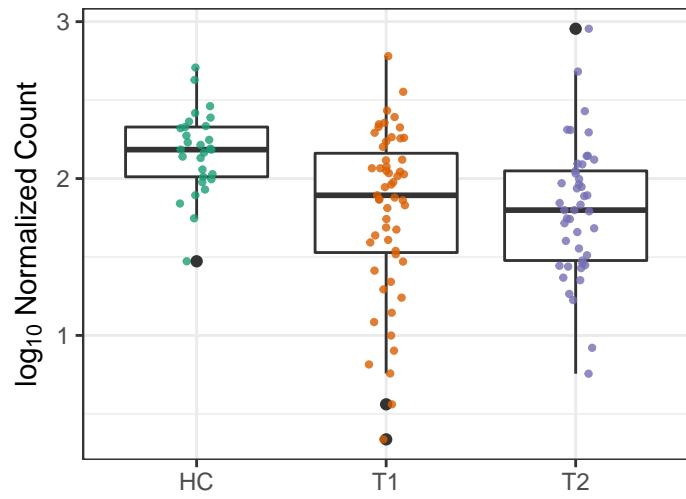
### Tuwongella

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.00031  
T1 vs. T2 p = 0.98



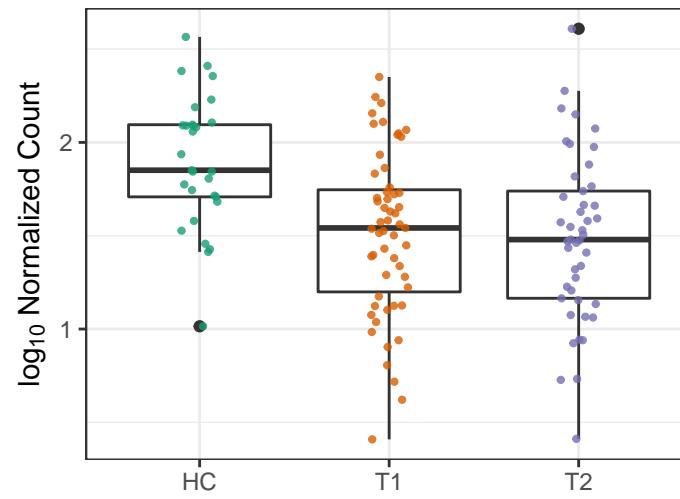
### Unclassified Lacipirellulaceae Family

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0021  
T1 vs. T2 p = 1



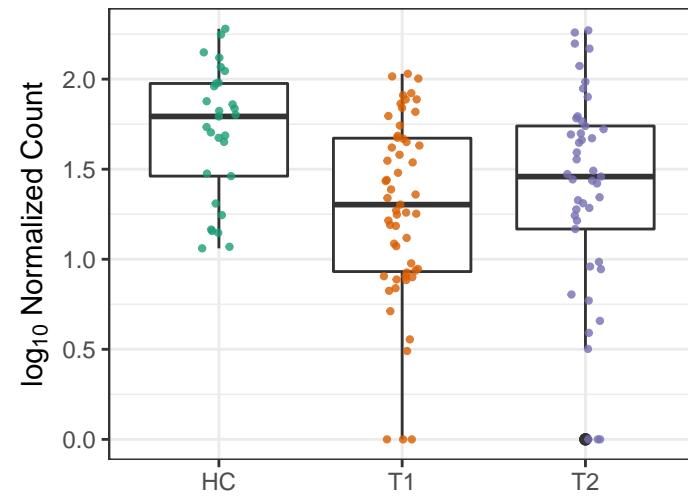
### Unclassified Yersiniaceae Family

HC vs. T1 p = 0.0024  
HC vs. T2 p = 0.0025  
T1 vs. T2 p = 0.97



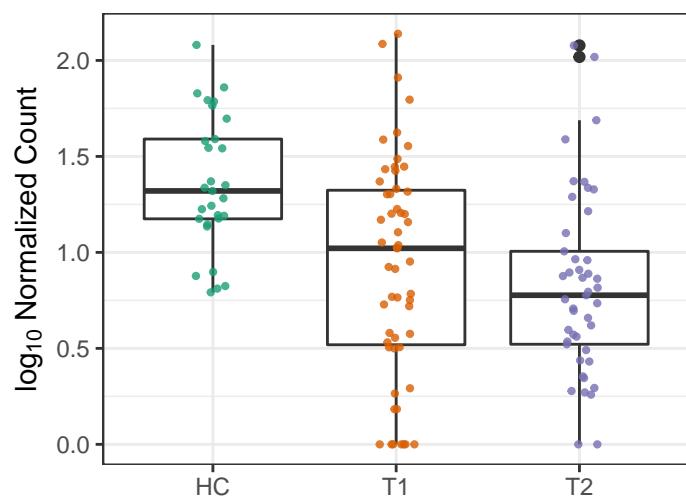
### Tatlockia

HC vs. T1 p = 0.0025  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.8



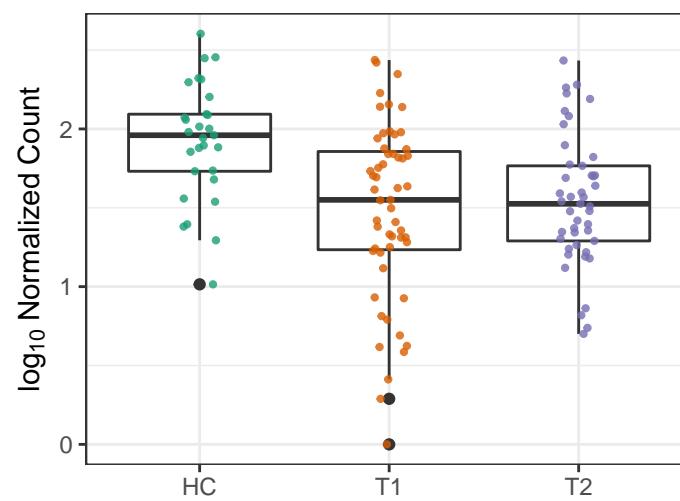
### Natronobacterium

HC vs. T1 p = 0.0026  
HC vs. T2 p = 0.00031  
T1 vs. T2 p = 0.78



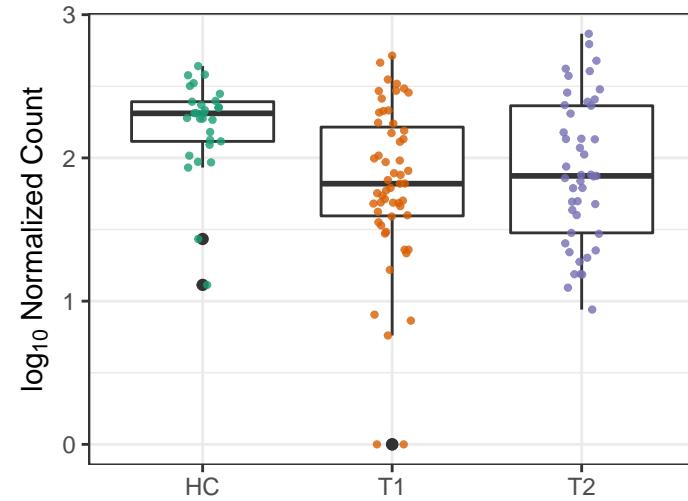
### Thalassococcus

HC vs. T1 p = 0.0026  
HC vs. T2 p = 0.0043  
T1 vs. T2 p = 0.78



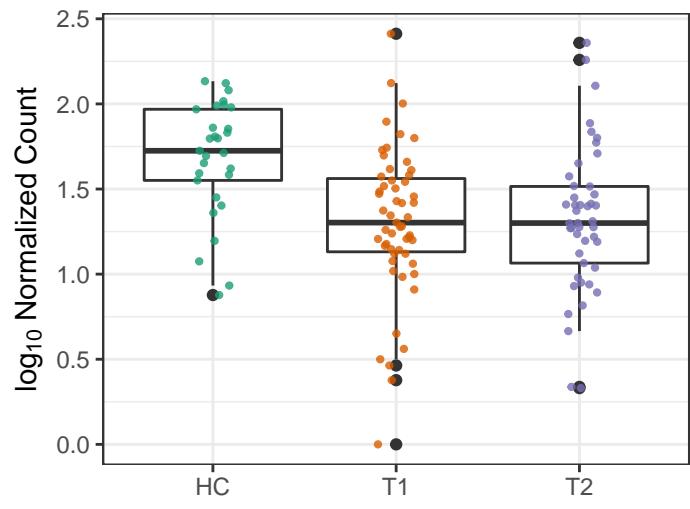
### Ilumatobacter

HC vs. T1 p = 0.0028  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.78



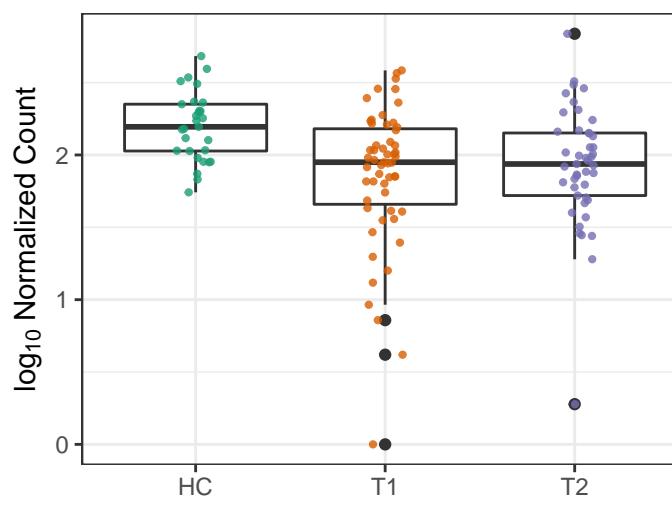
### *Neorickettsia*

HC vs. T1 p = 0.0028  
 HC vs. T2 p = 0.0046  
 T1 vs. T2 p = 0.97



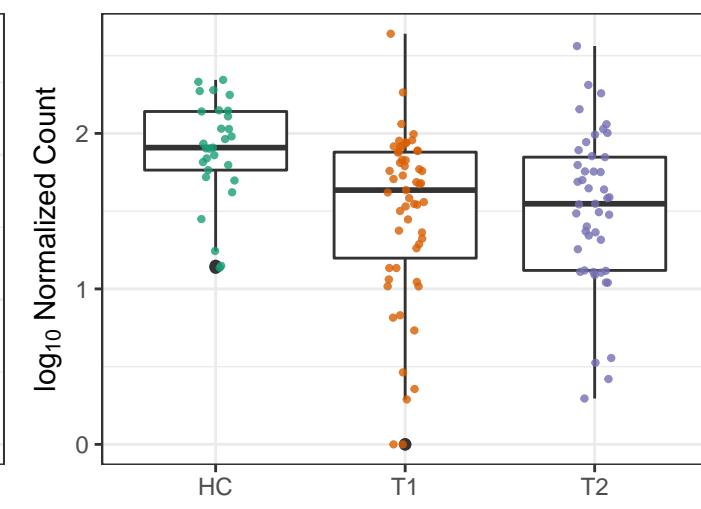
### *Thioflavicoccus*

HC vs. T1 p = 0.0028  
 HC vs. T2 p = 0.0077  
 T1 vs. T2 p = 0.78



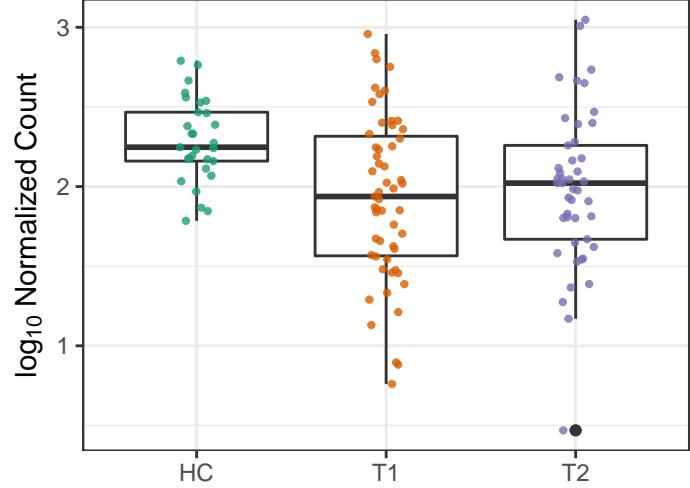
### *Citromicrobium*

HC vs. T1 p = 0.0029  
 HC vs. T2 p = 0.0049  
 T1 vs. T2 p = 0.78



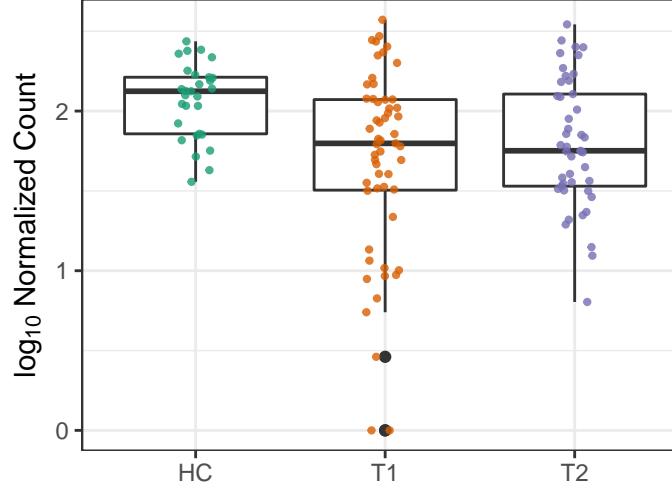
### *Propioniclava*

HC vs. T1 p = 0.0029  
 HC vs. T2 p = 0.01  
 T1 vs. T2 p = 0.79



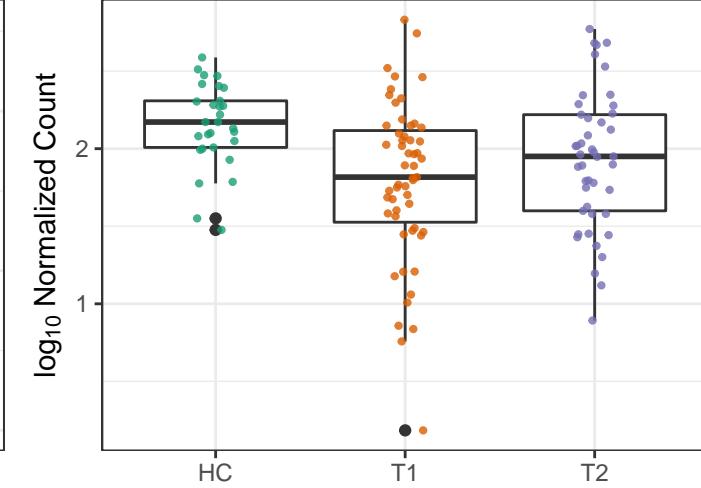
### *Roseimarinima*

HC vs. T1 p = 0.0029  
 HC vs. T2 p = 0.0073  
 T1 vs. T2 p = 0.78



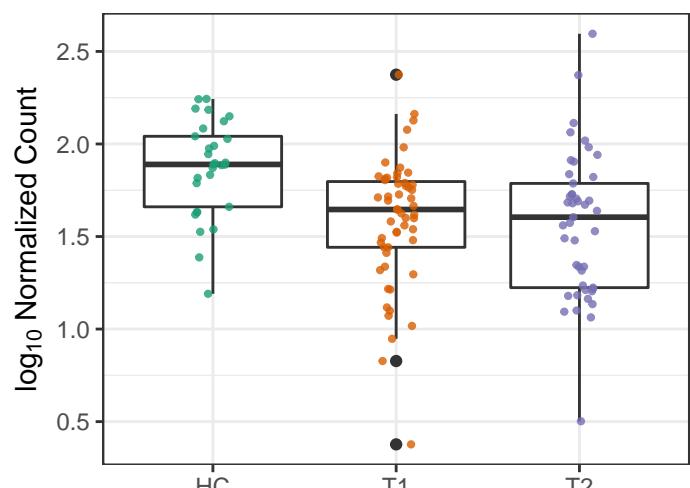
### *Antarctobacter*

HC vs. T1 p = 0.003  
 HC vs. T2 p = 0.027  
 T1 vs. T2 p = 0.78



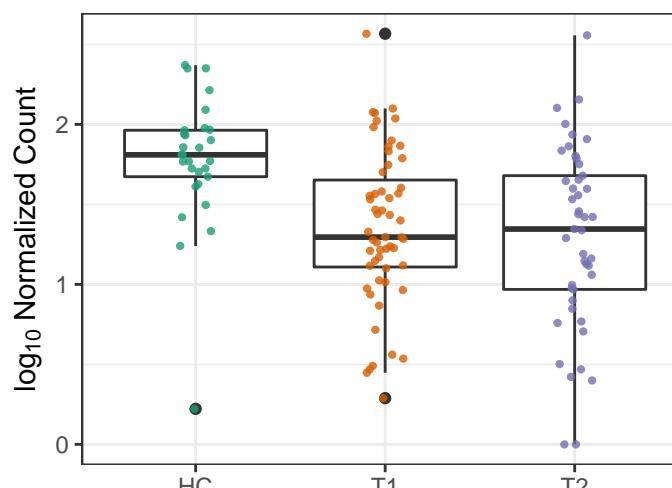
### *Chamaesiphon*

HC vs. T1 p = 0.003  
 HC vs. T2 p = 0.0044  
 T1 vs. T2 p = 0.81



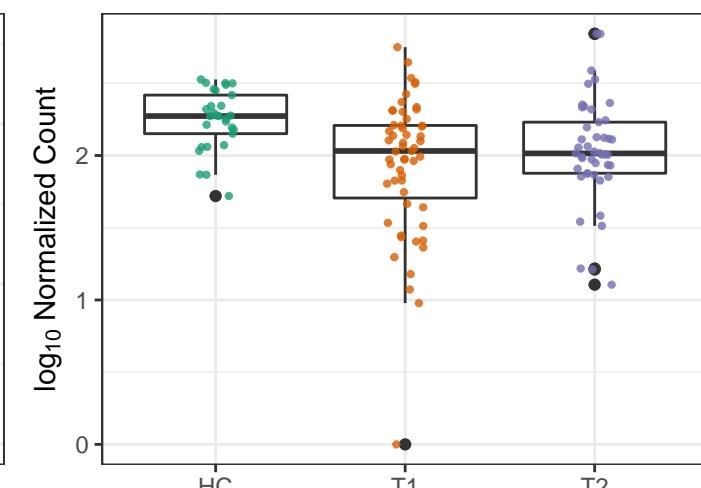
### *Ephemeropteriscola*

HC vs. T1 p = 0.003  
 HC vs. T2 p = 0.0032  
 T1 vs. T2 p = 0.8



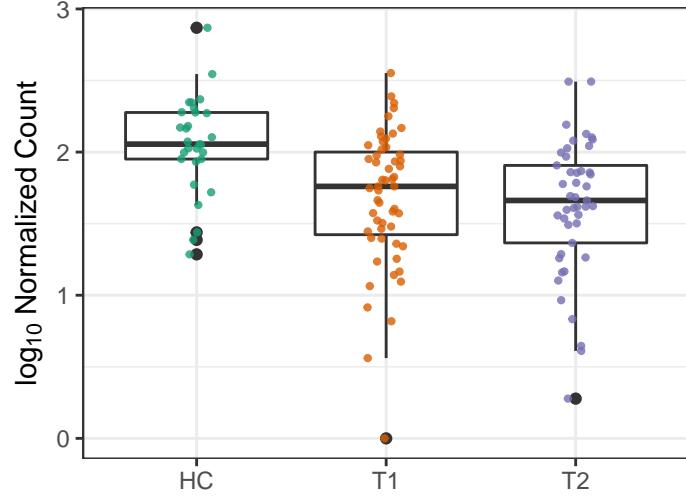
### *Mariprofundus*

HC vs. T1 p = 0.003  
 HC vs. T2 p = 0.013  
 T1 vs. T2 p = 0.78



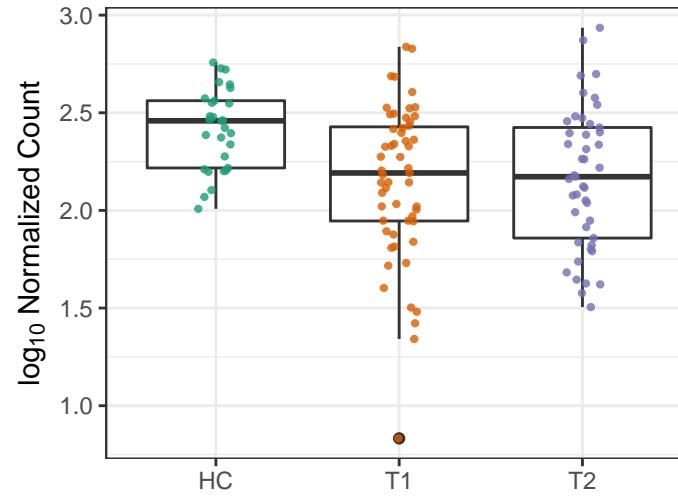
### Mesotoga

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.0021  
T1 vs. T2 p = 0.93



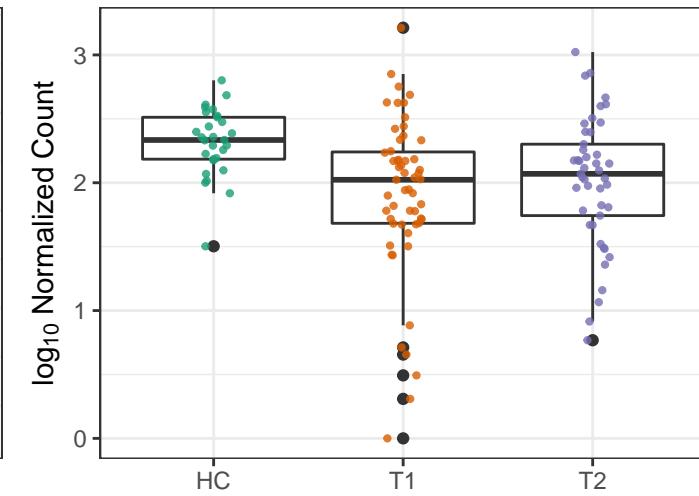
### Octadecabacter

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.0055  
T1 vs. T2 p = 0.86



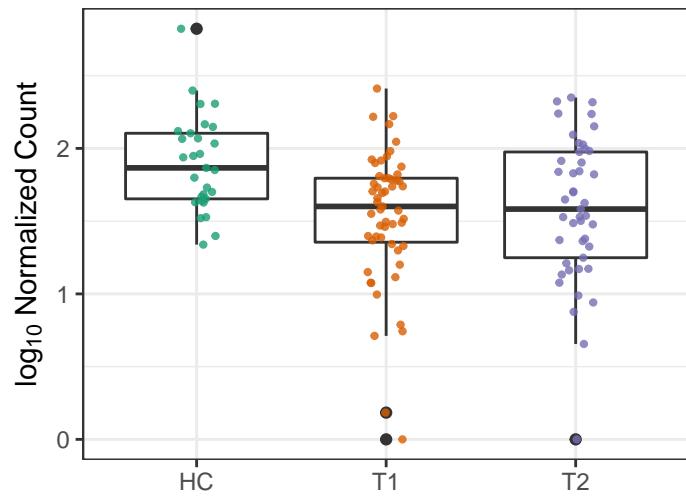
### Paludisphaera

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



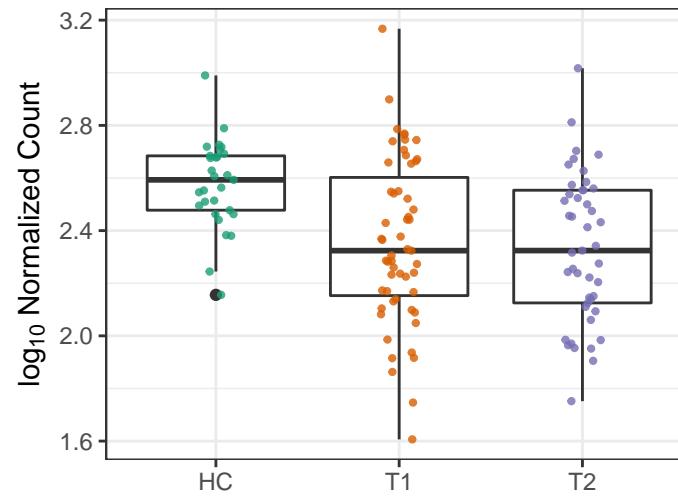
### Unclassified Methylphilaceae Family

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.78



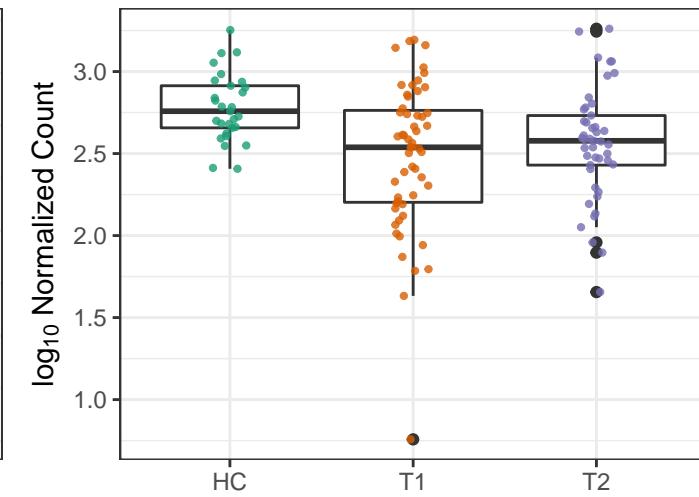
### Xenorhabdus

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.0021  
T1 vs. T2 p = 0.94



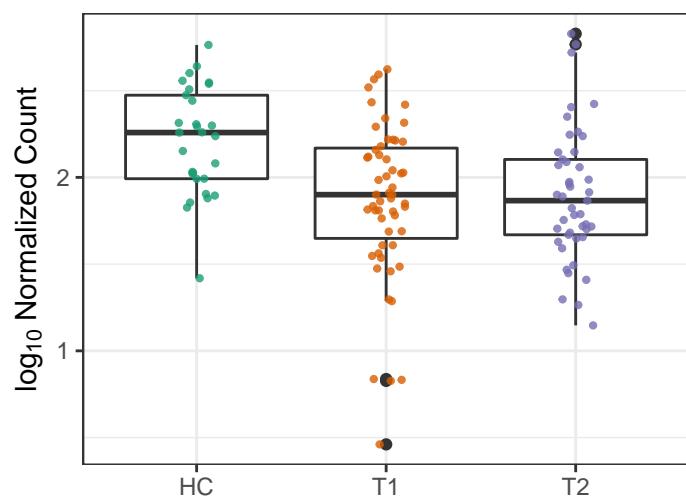
### Acidipropionibacterium

HC vs. T1 p = 0.003  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



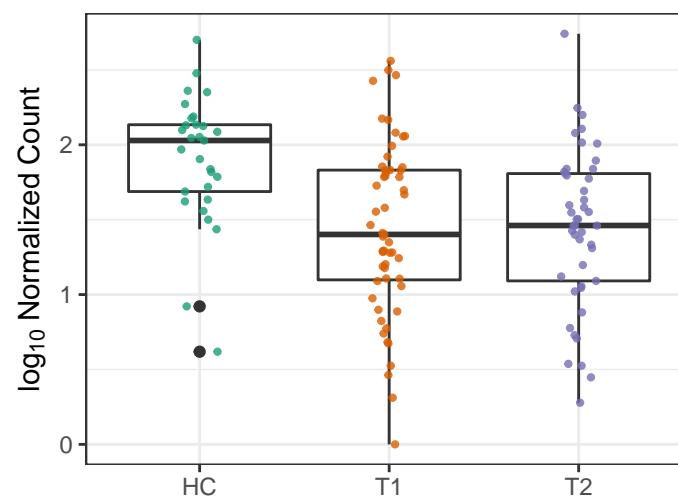
### Cohesibacter

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.78



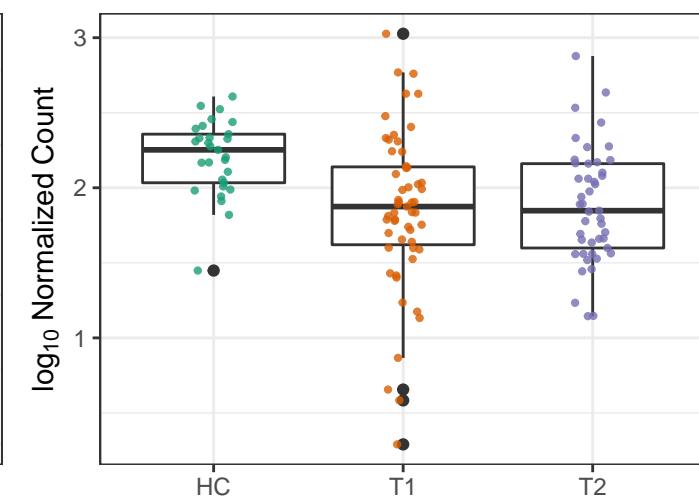
### Coprothermobacter

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.0037  
T1 vs. T2 p = 0.9



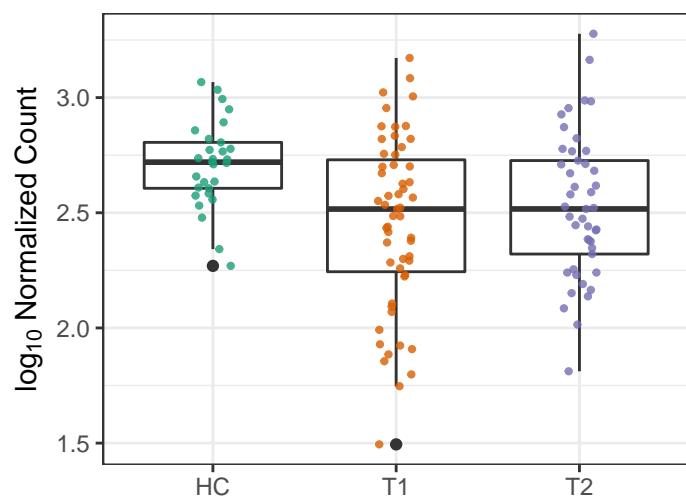
### Egibacter

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.0026  
T1 vs. T2 p = 0.81



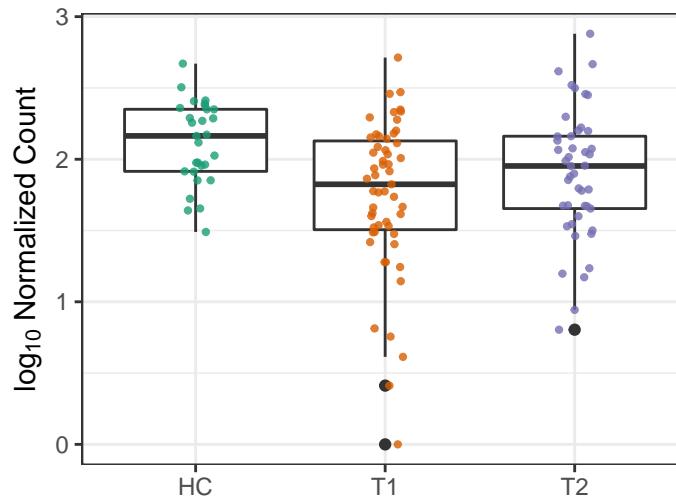
### Ochrobactrum

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



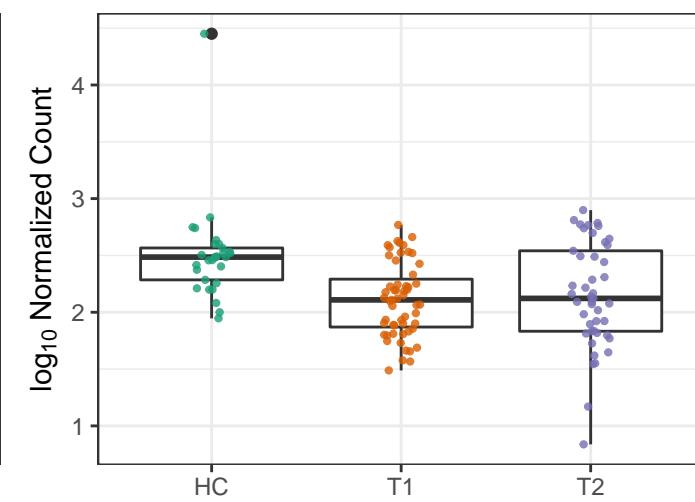
### Roseitalea

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.036  
T1 vs. T2 p = 0.78



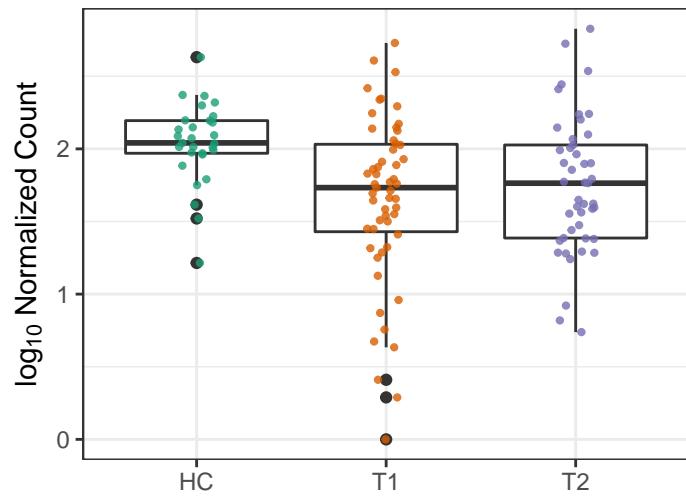
### Succinivibrio

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.87



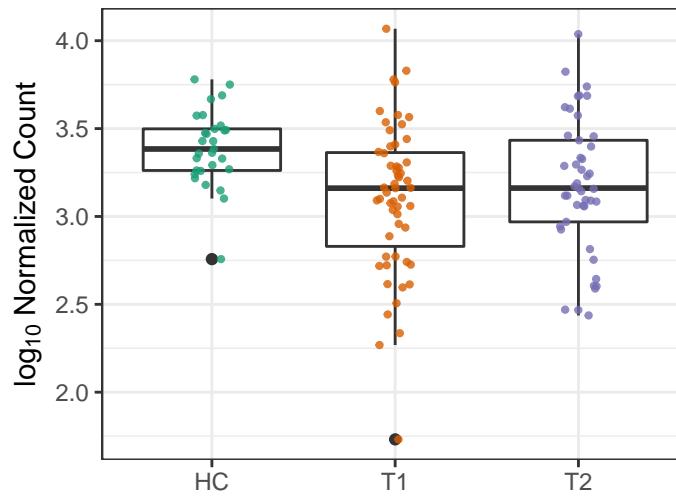
### Thiobacillus

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



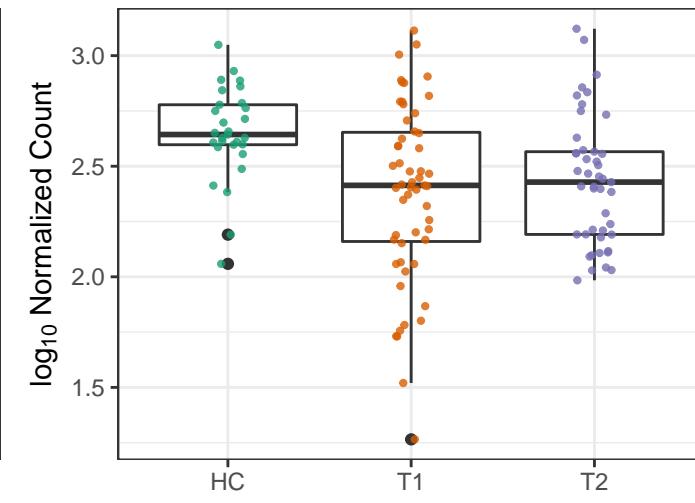
### Variovorax

HC vs. T1 p = 0.0032  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



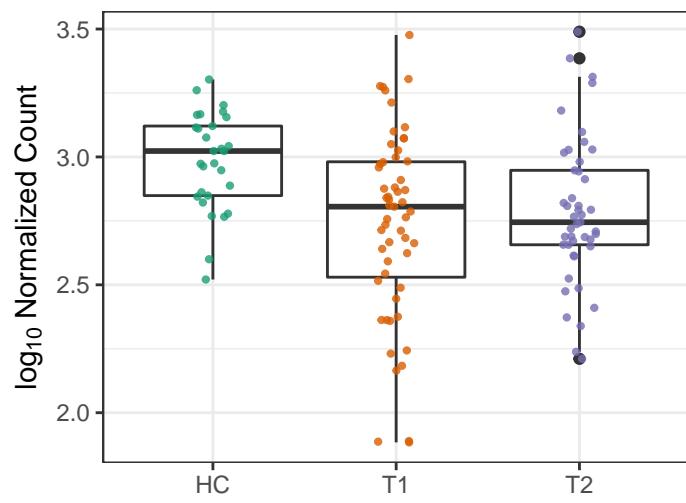
### Alcaligenes

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0062  
T1 vs. T2 p = 0.78



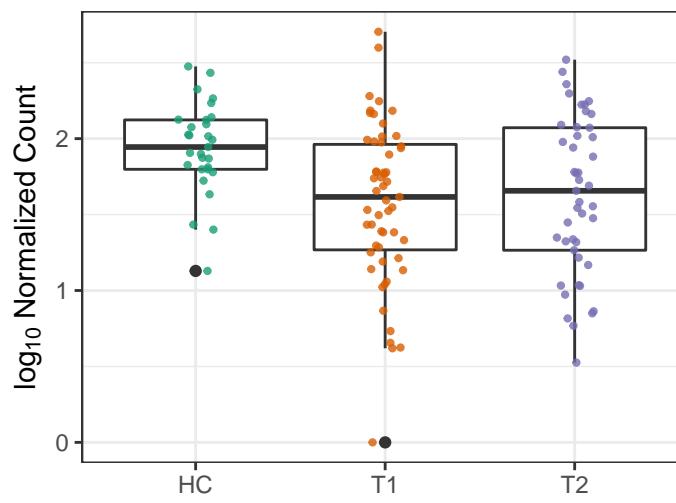
### Acetobacter

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0079  
T1 vs. T2 p = 0.78



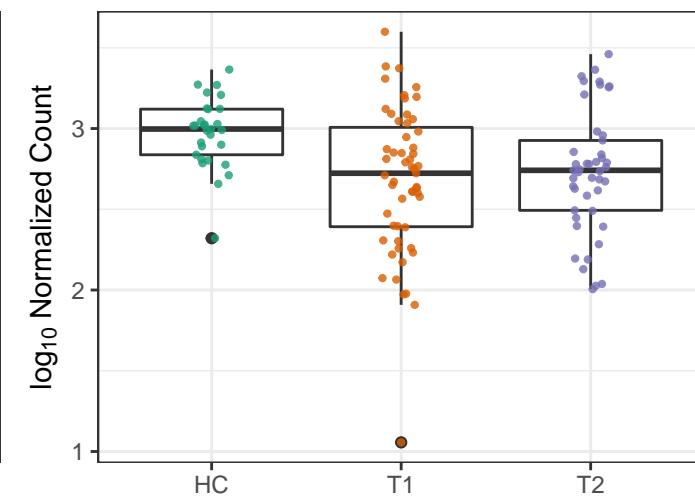
### Acidiferrobacter

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.78



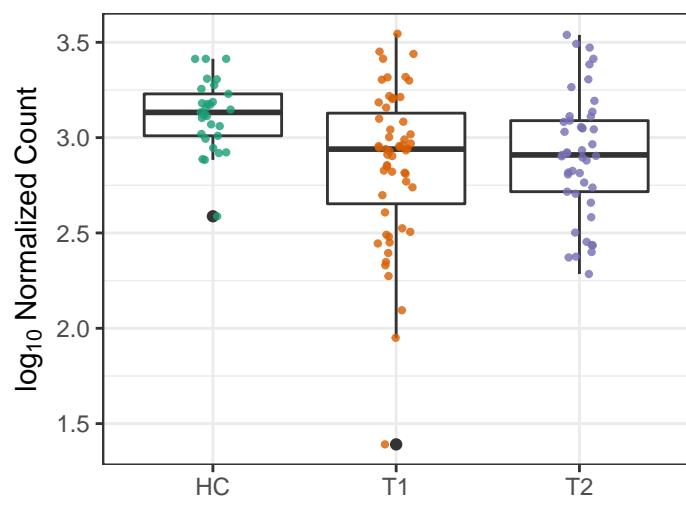
### Altererythrobacter

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



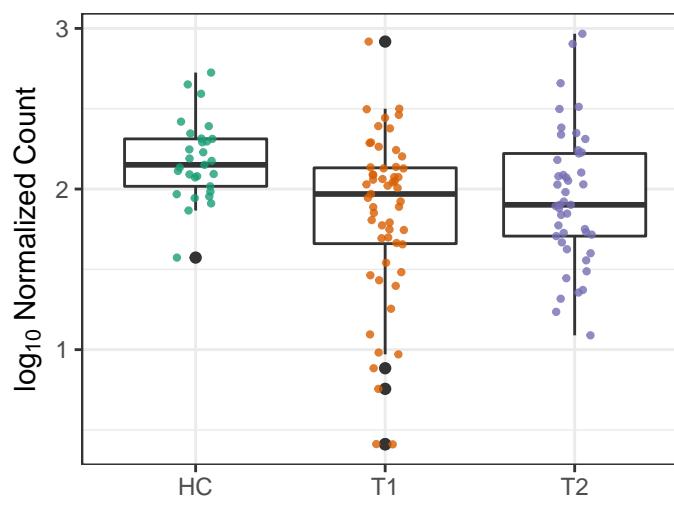
### Brevibacterium

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0079  
T1 vs. T2 p = 0.78



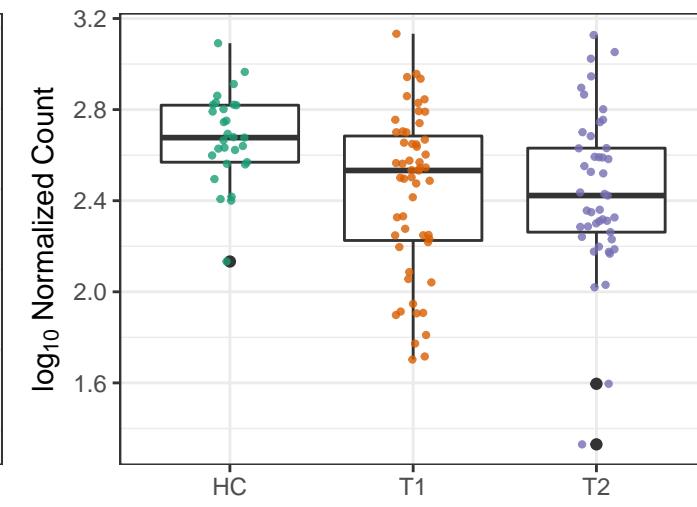
### Brevirhabdus

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



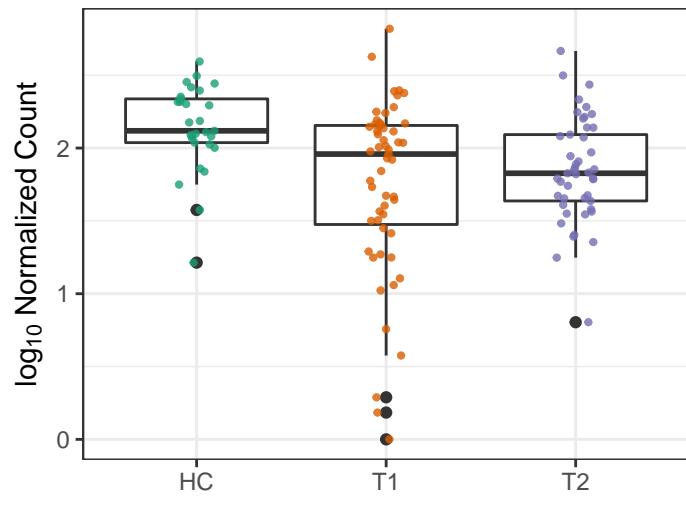
### Chlorobium

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0068  
T1 vs. T2 p = 0.81



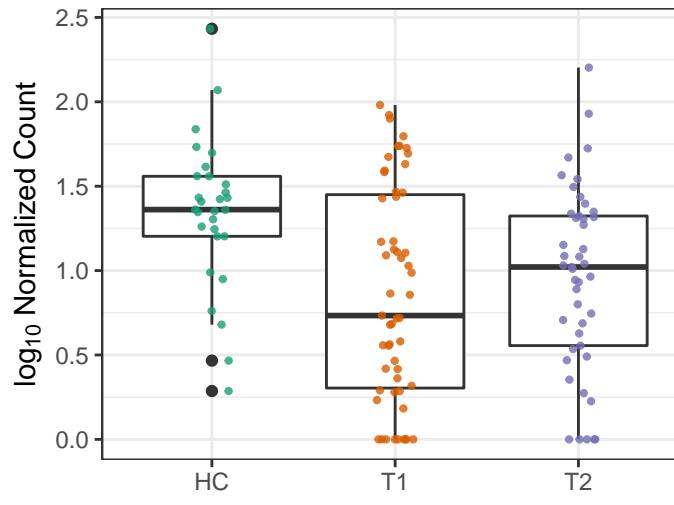
### Gemmobacter

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0056  
T1 vs. T2 p = 0.78



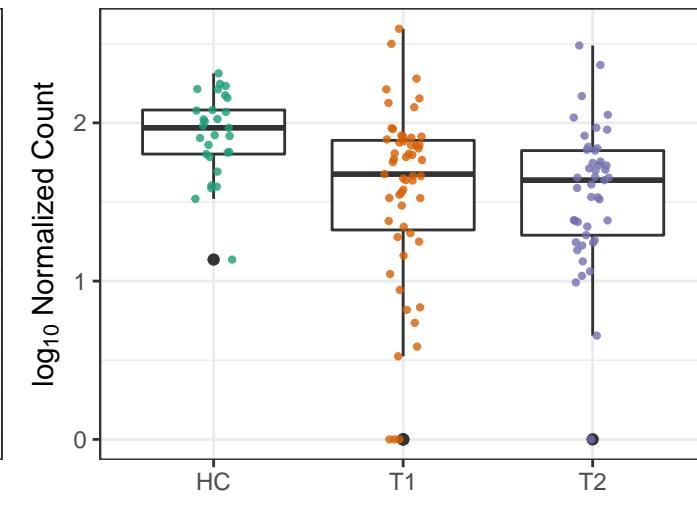
### Ignicoccus

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



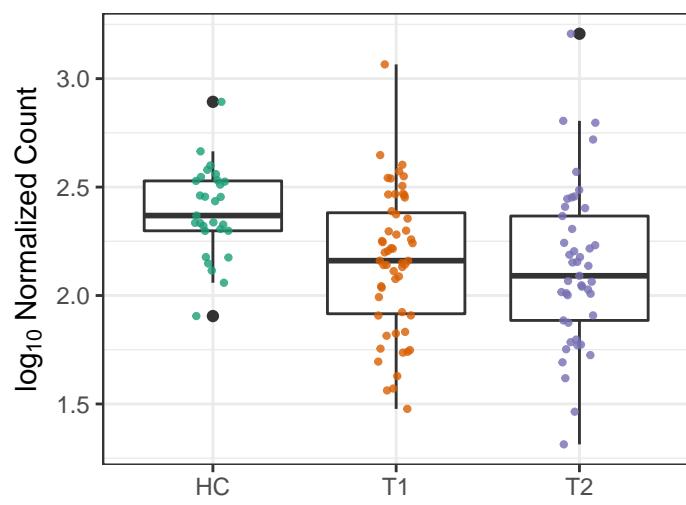
### Kozakia

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0024  
T1 vs. T2 p = 0.91



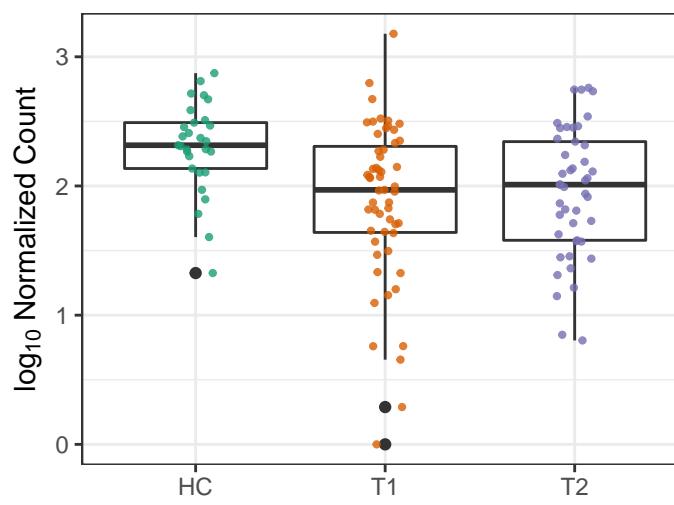
### Marinomonas

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.97



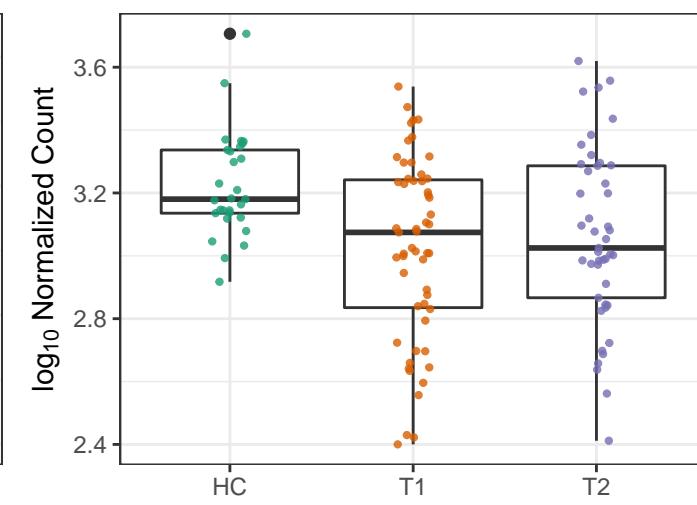
### Minimonas

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0085  
T1 vs. T2 p = 0.78



### Pantoea

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78

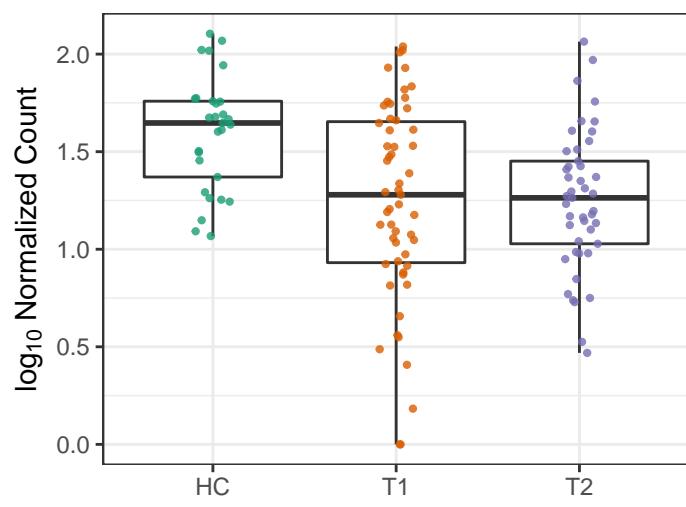


### Pontimonas

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.0021

T1 vs. T2 p = 0.93

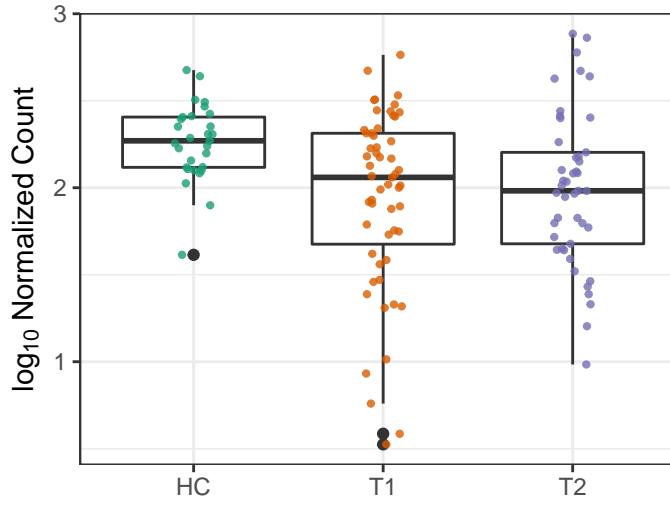


### Roseateles

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.0097

T1 vs. T2 p = 0.82

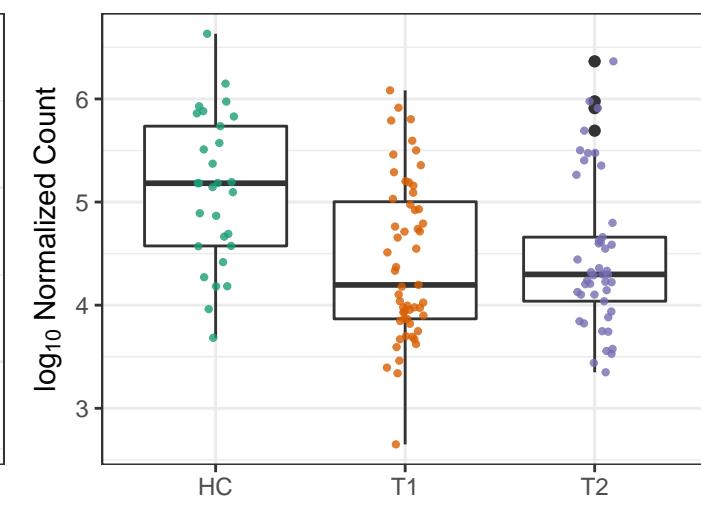


### Ruminococcus

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.0066

T1 vs. T2 p = 1

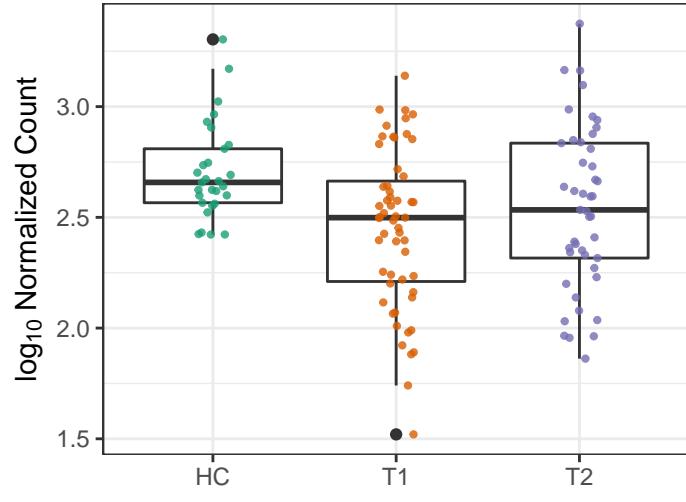


### Saccharibacillus

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.042

T1 vs. T2 p = 0.78

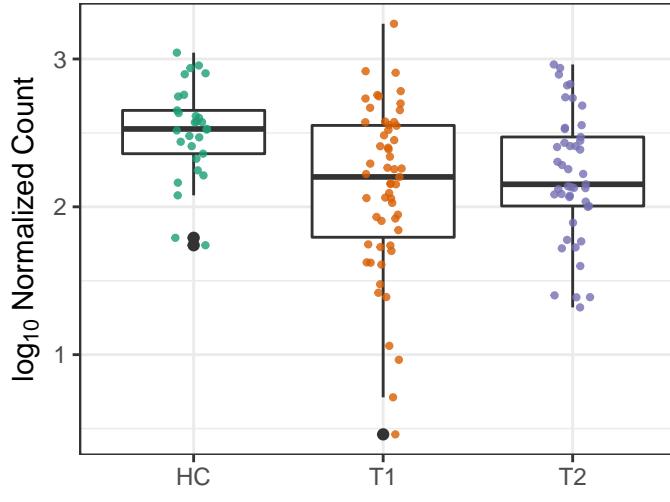


### Sanguibacter

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.0097

T1 vs. T2 p = 0.78

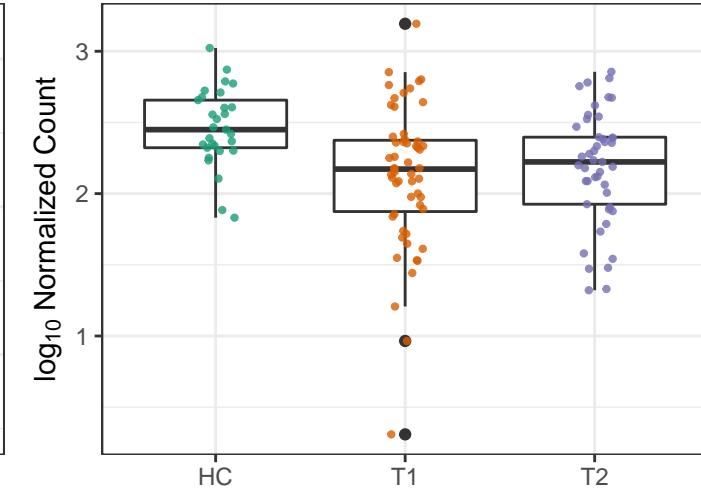


### Tepidiforma

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.0075

T1 vs. T2 p = 0.78

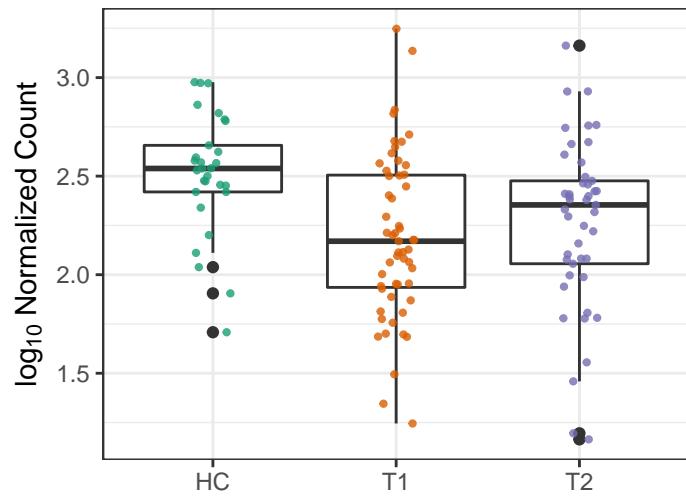


### Tistrella

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

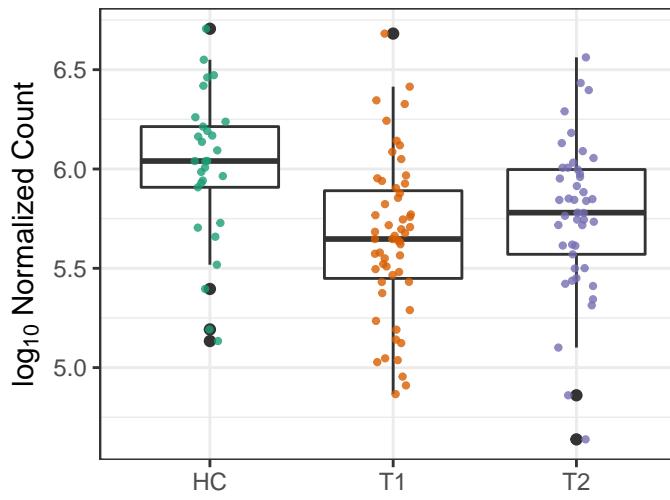


### Unclassified Lachnospiraceae Family

HC vs. T1 p = 0.0033

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

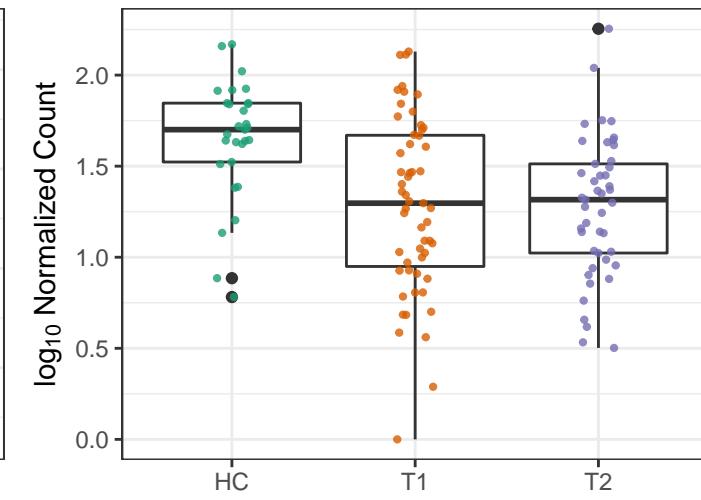


### Unclassified Staphylococcaceae Family

HC vs. T1 p = 0.0033

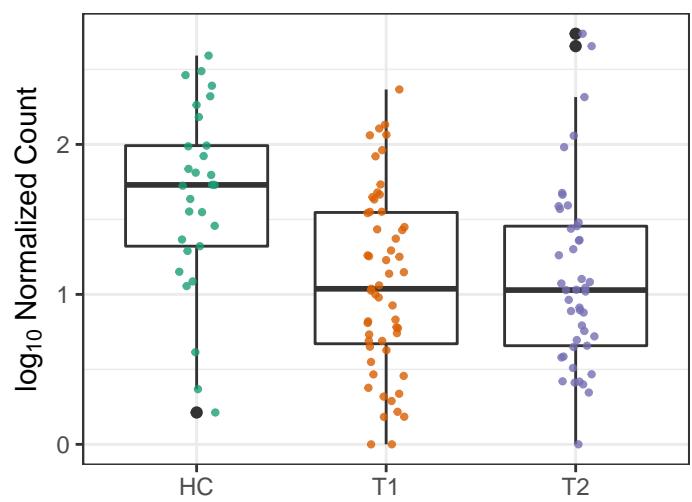
HC vs. T2 p = 0.0025

T1 vs. T2 p = 0.99



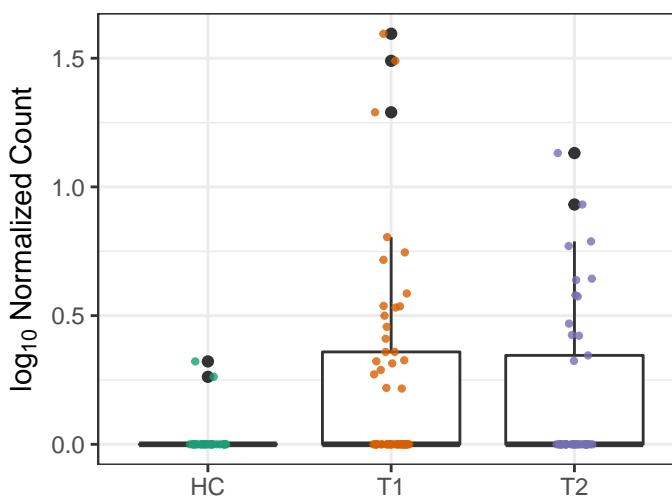
### Unclassified Synechococcales Order

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.0063  
T1 vs. T2 p = 0.94



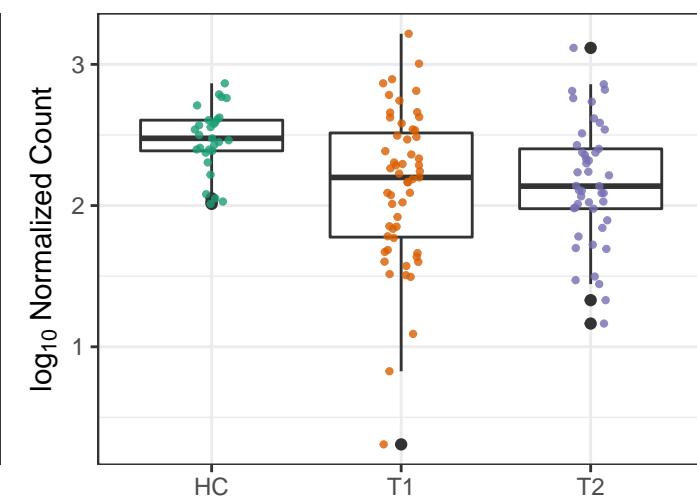
### Unclassified Methanocaldococcaceae F

HC vs. T1 p = 0.0033  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



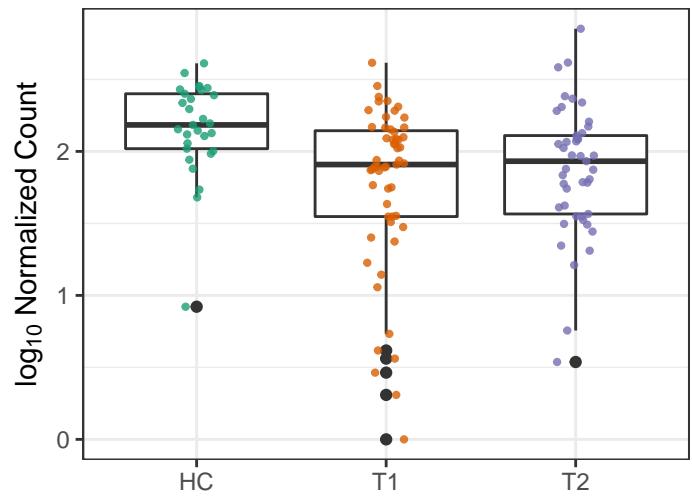
### Chelatococcus

HC vs. T1 p = 0.0034  
HC vs. T2 p = 0.0046  
T1 vs. T2 p = 0.78



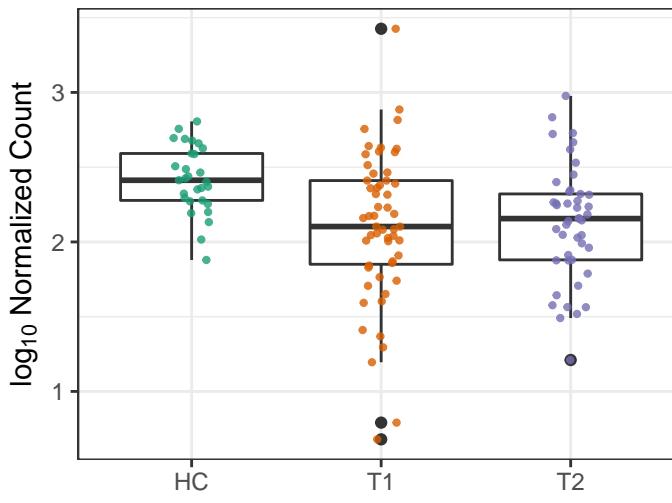
### Herminiimonas

HC vs. T1 p = 0.0034  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



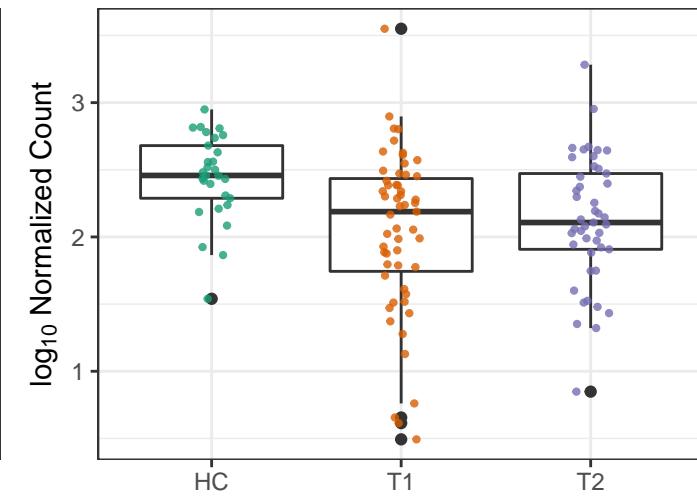
### Lentzea

HC vs. T1 p = 0.0034  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.82



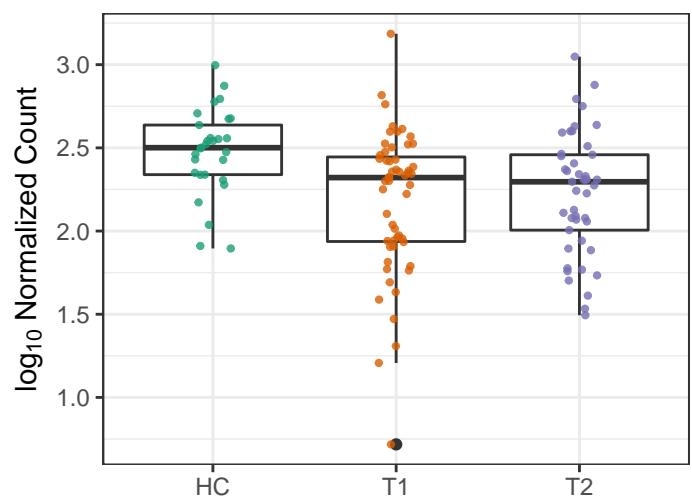
### Streptacidiphilus

HC vs. T1 p = 0.0034  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



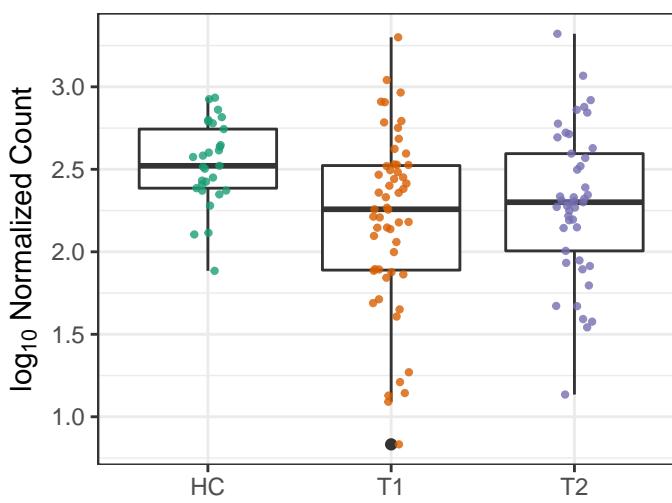
### Sulfuriferula

HC vs. T1 p = 0.0035  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.79



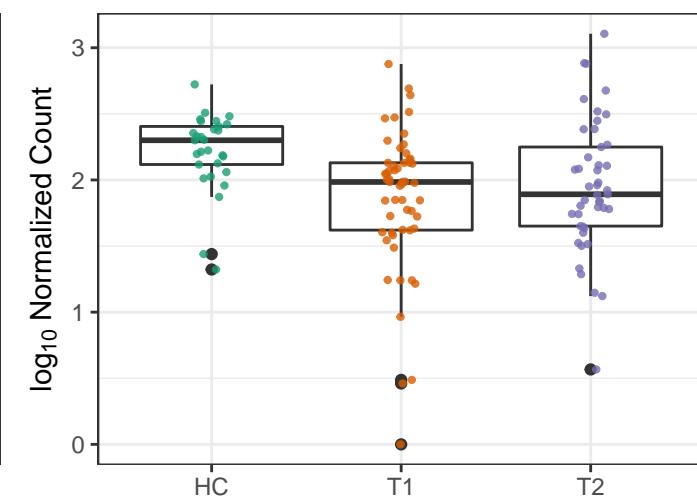
### Aquisphaera

HC vs. T1 p = 0.0035  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



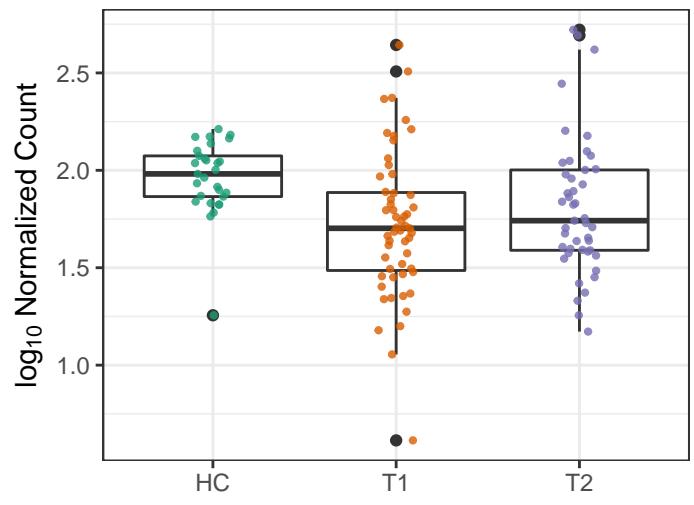
### Unclassified Thermoplasmatales Order

HC vs. T1 p = 0.0035  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.78



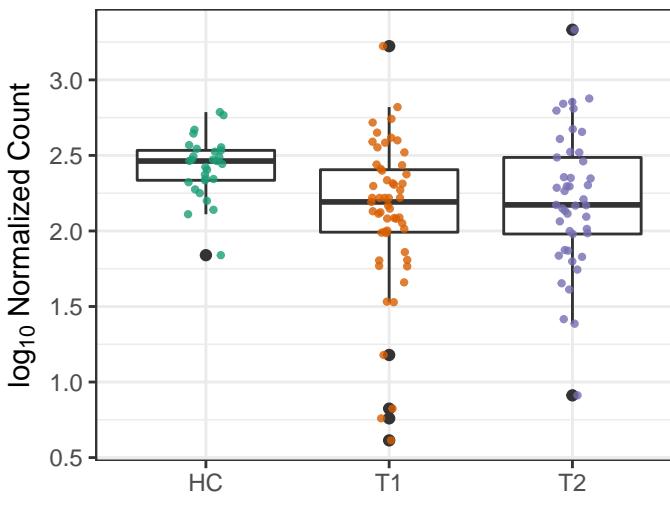
### Devriesea

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.78



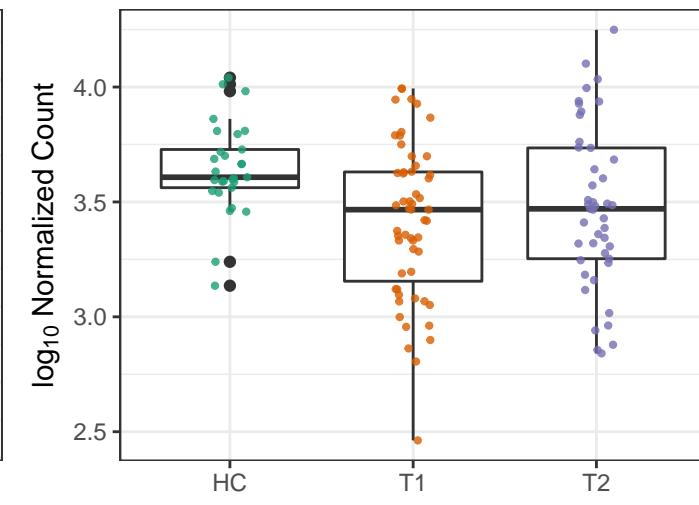
### Haloarcula

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.78



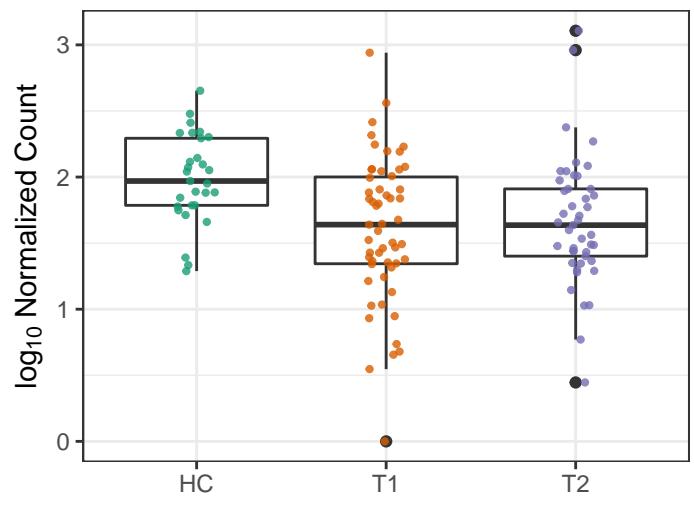
### Selenomonas

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78



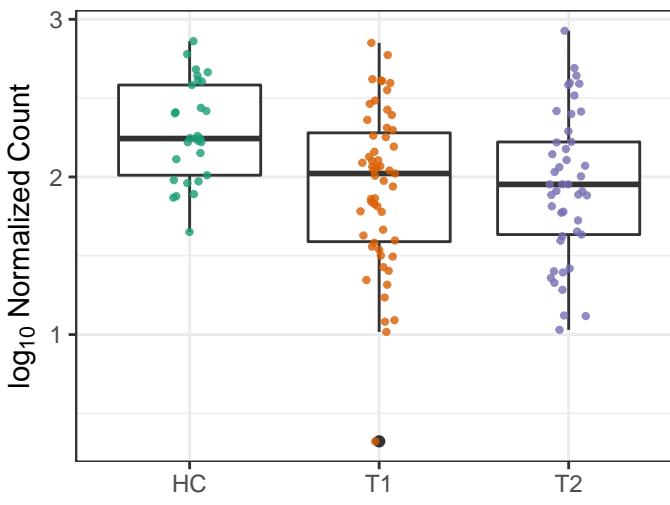
### Simiduia

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.83



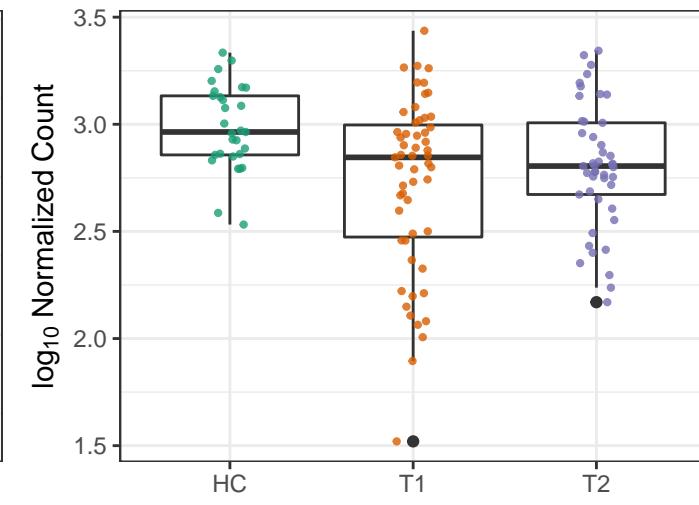
### Singulisphaera

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.006  
T1 vs. T2 p = 0.9



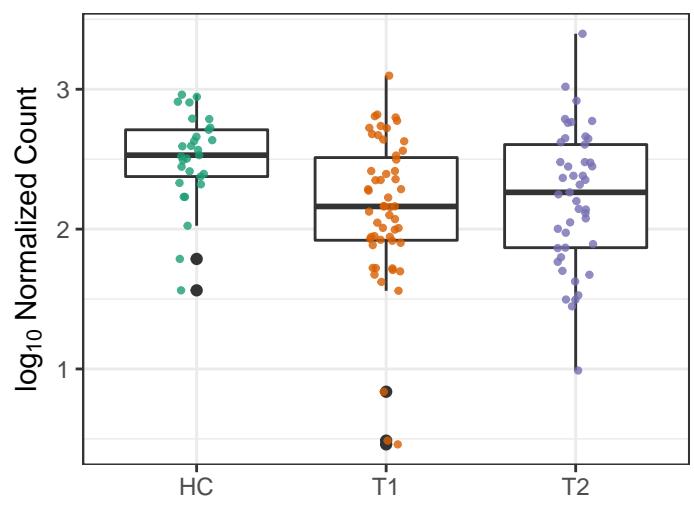
### Sulfitobacter

HC vs. T1 p = 0.0036  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



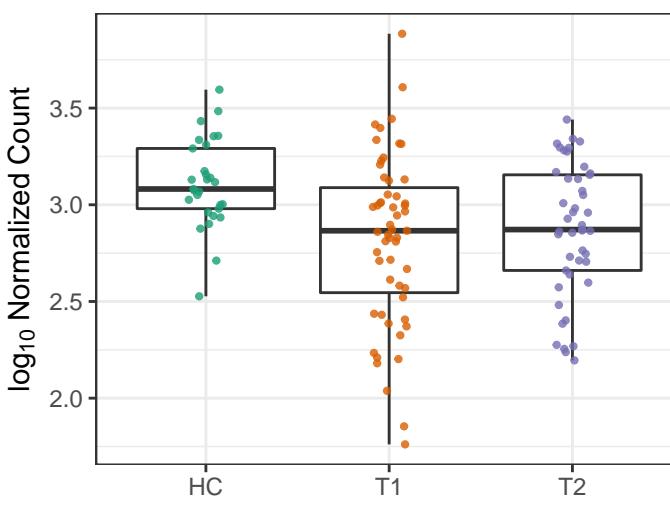
### Conexibacter

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



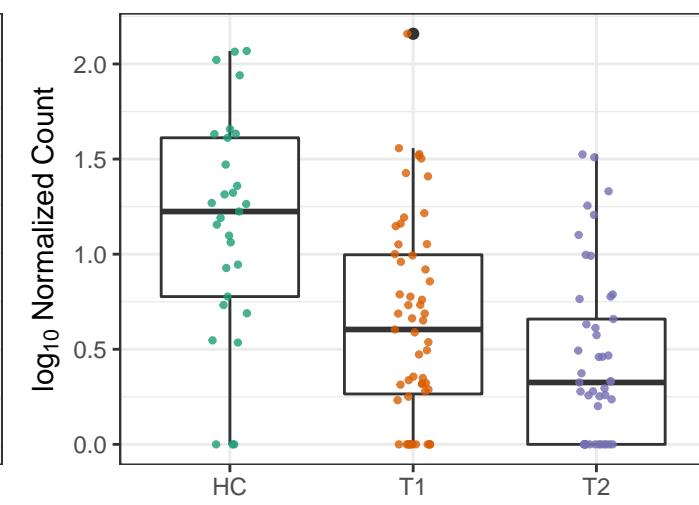
### Unclassified Mycobacteriaceae Family

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.008  
T1 vs. T2 p = 0.78



### Candidatus Portiera

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.00039  
T1 vs. T2 p = 0.78

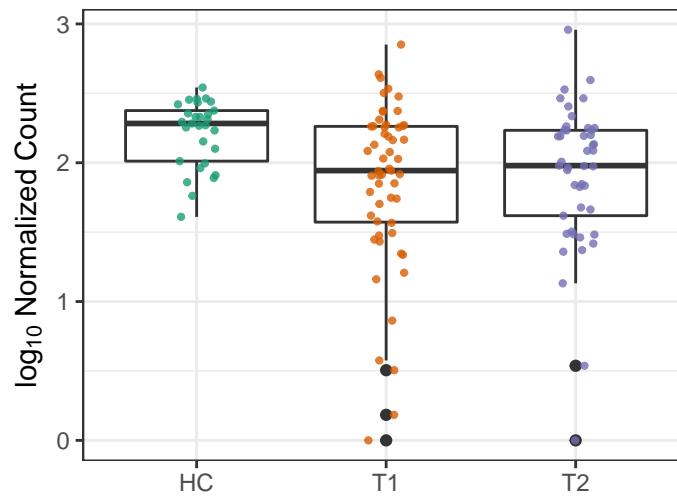


### Halovulum

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.78

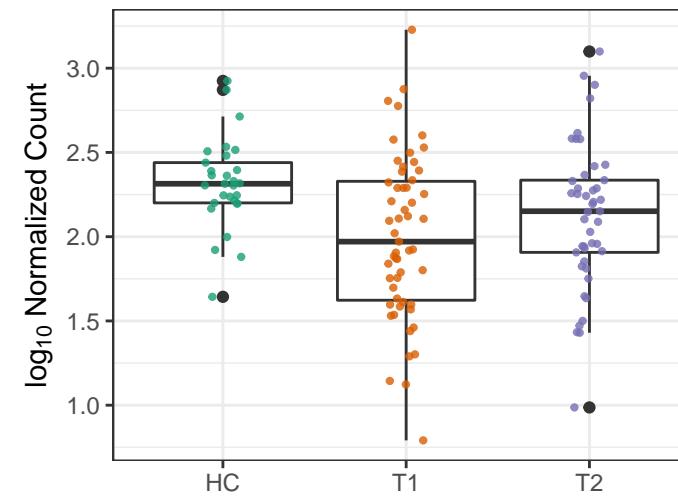


### Microterricola

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.78

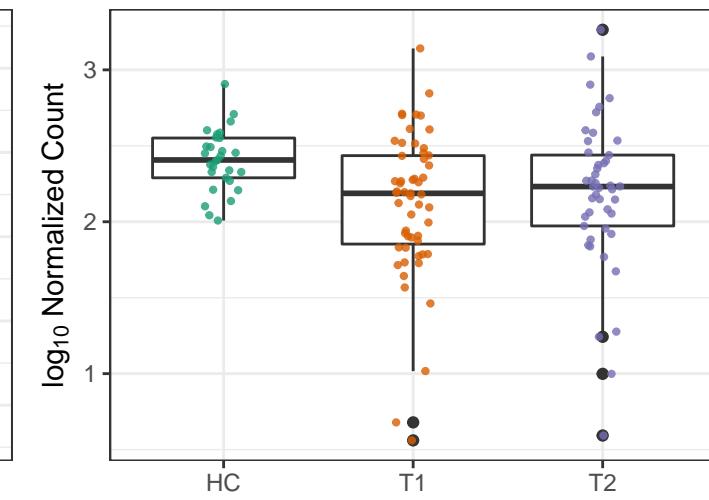


### Roseivivax

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.78

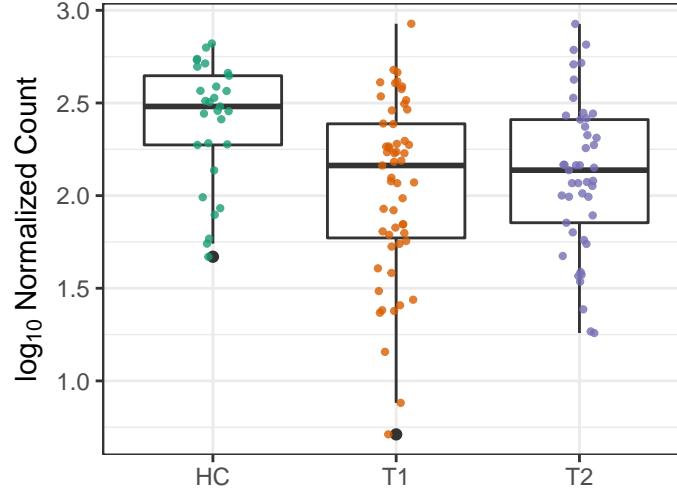


### Sphingosinicella

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.78

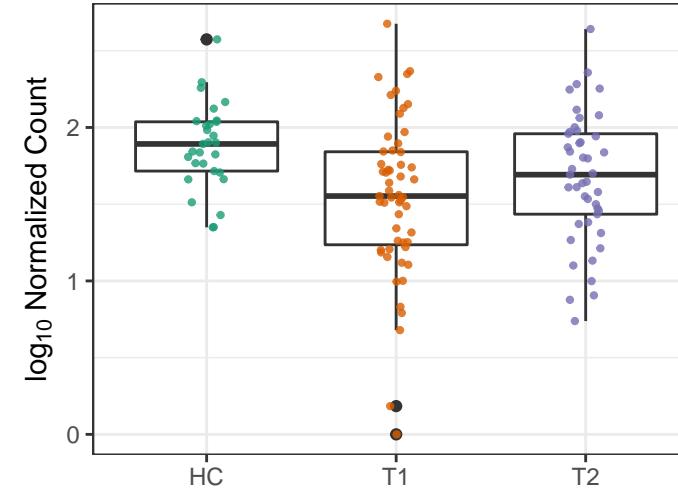


### Teredinibacter

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.78

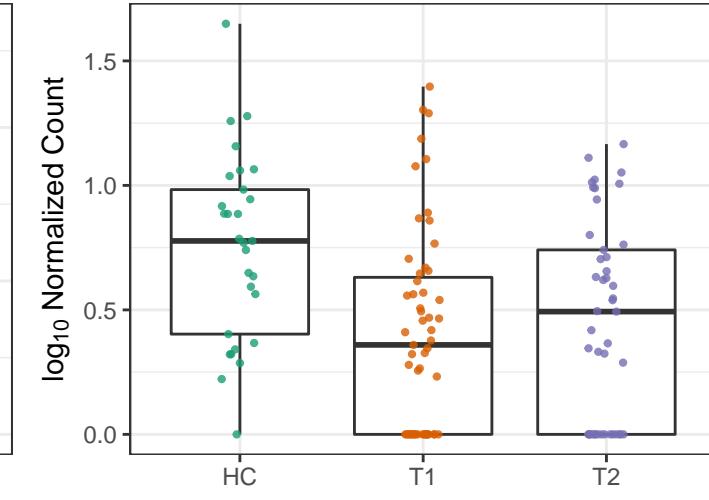


### Unclassified Helicobacteraceae Family

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.96

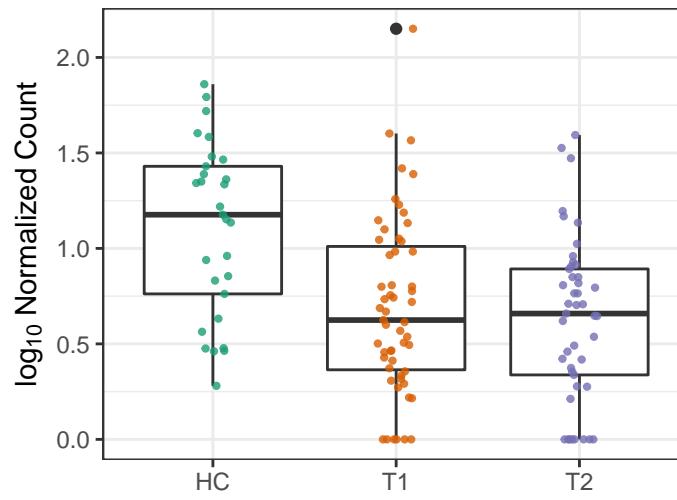


### Unclassified Selenomonadaceae Family

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.0025

T1 vs. T2 p = 0.81

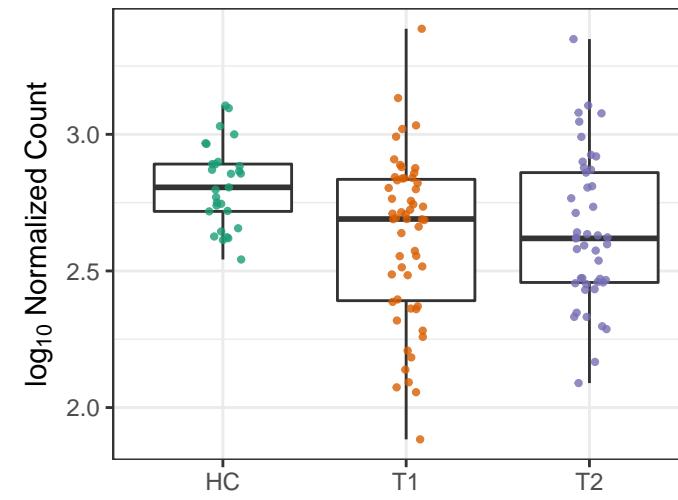


### Alteromonas

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.0097

T1 vs. T2 p = 0.83

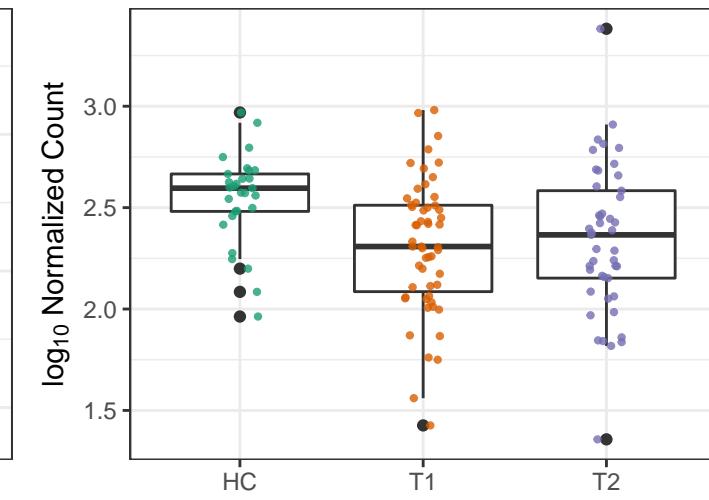


### Aspergillus

HC vs. T1 p = 0.0037

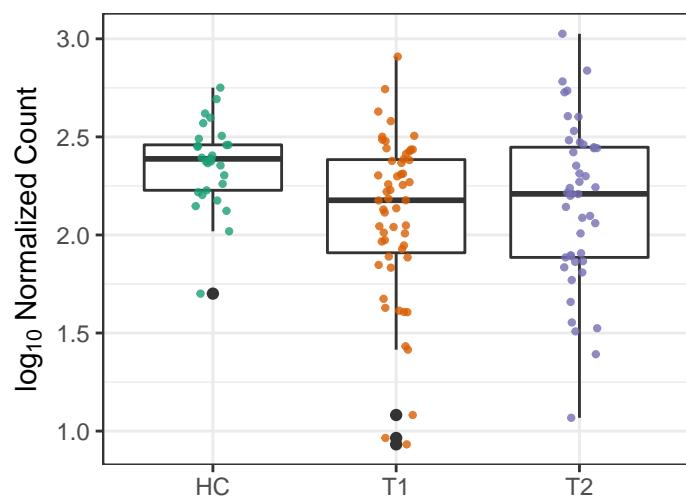
HC vs. T2 p = 0.017

T1 vs. T2 p = 0.87



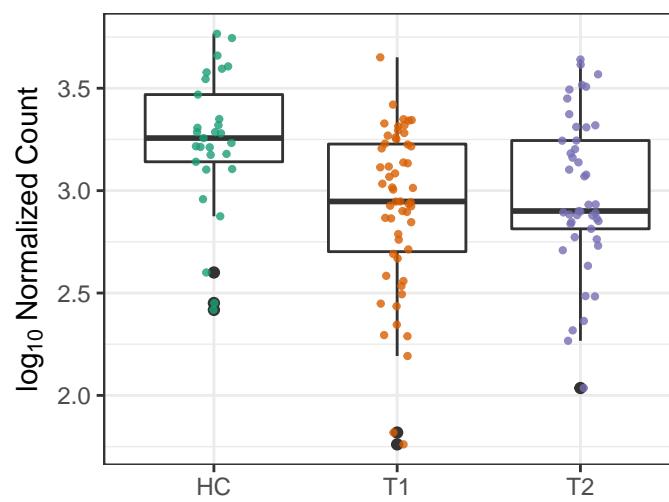
### Desulfurivibrio

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



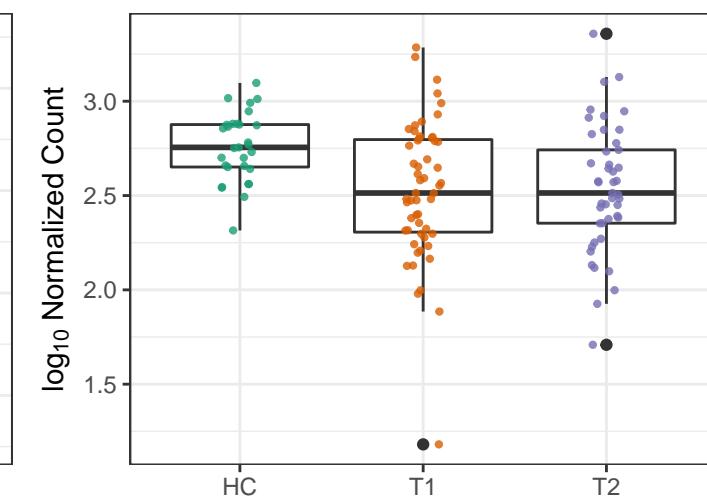
### Faecalibaculum

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



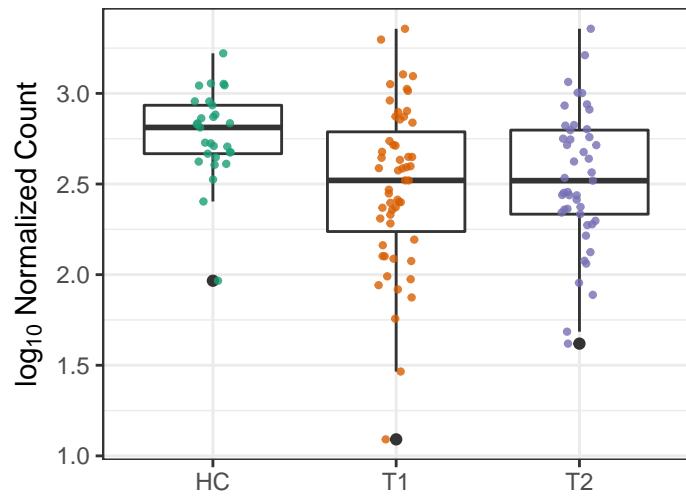
### Glutamicibacter

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.0069  
T1 vs. T2 p = 0.82



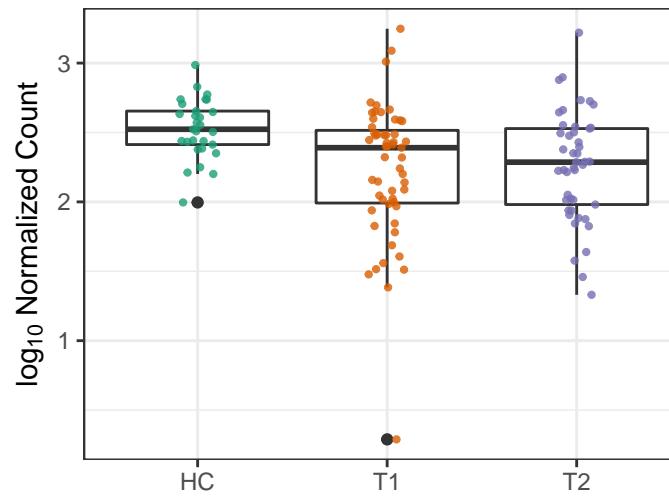
### Luteimonas

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.0099  
T1 vs. T2 p = 0.78



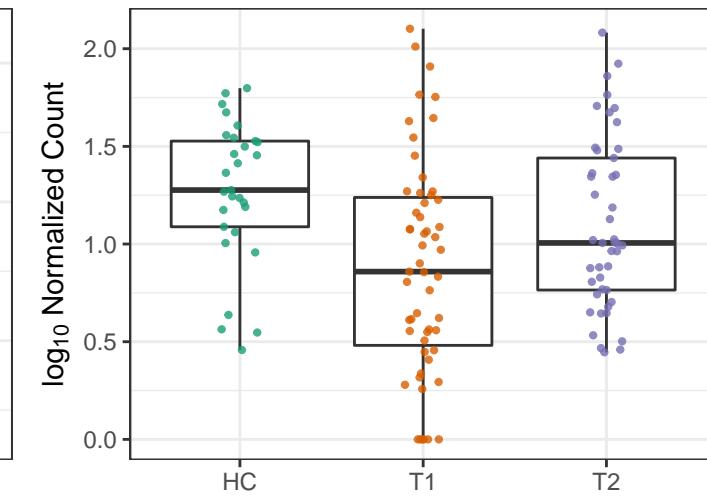
### Meiothermus

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.0057  
T1 vs. T2 p = 0.78



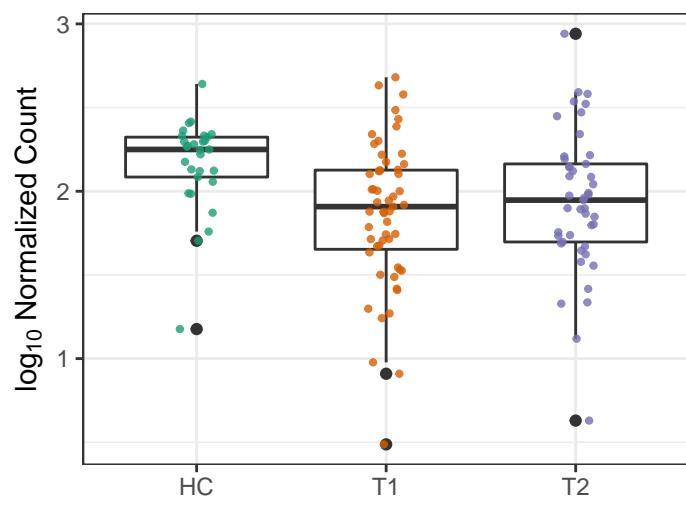
### Methanofervidicoccus

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.78



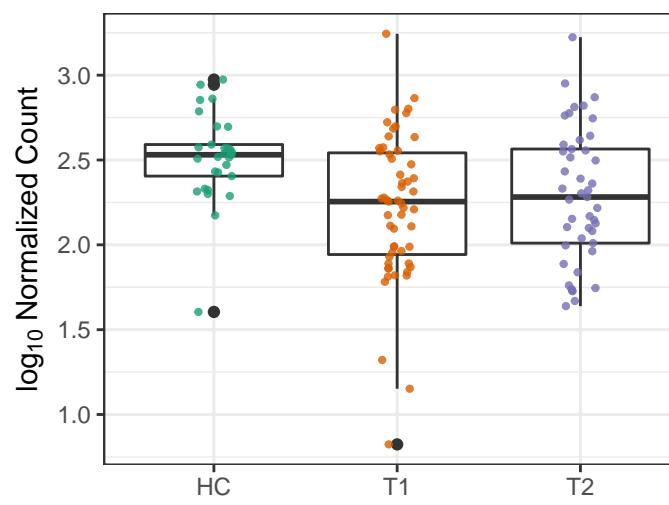
### Neokomagataea

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



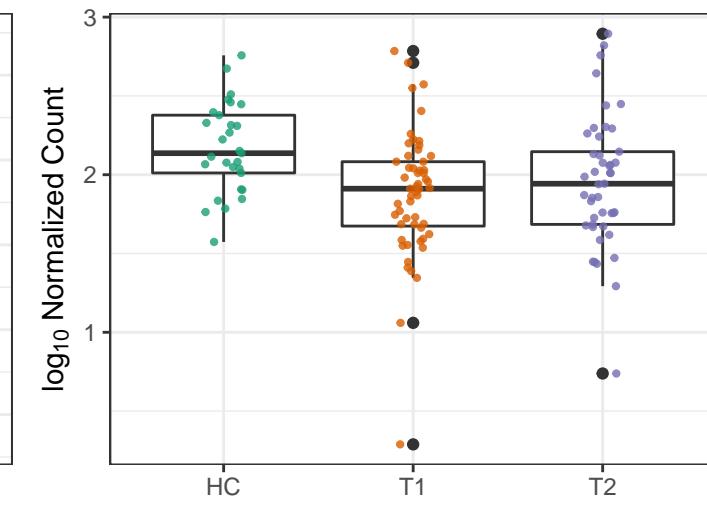
### Nitratireductor

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



### Sedimenticola

HC vs. T1 p = 0.0037  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78

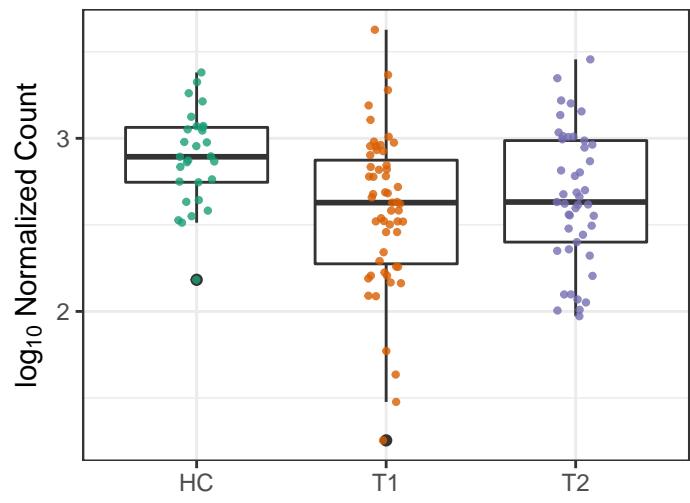


### Tessaracoccus

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

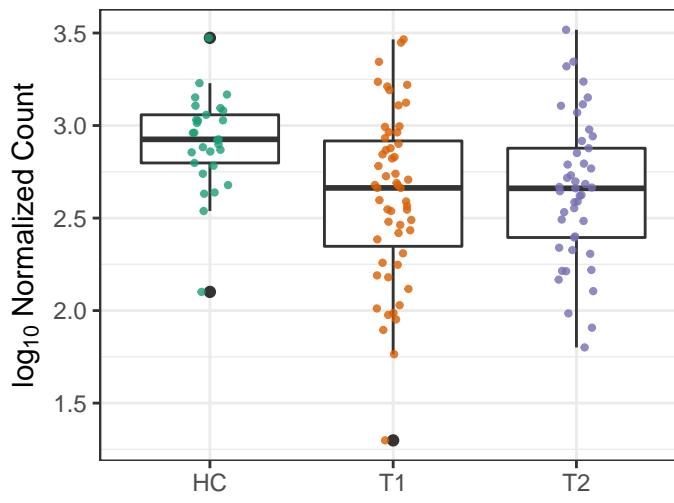


### Thauera

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.008

T1 vs. T2 p = 0.78

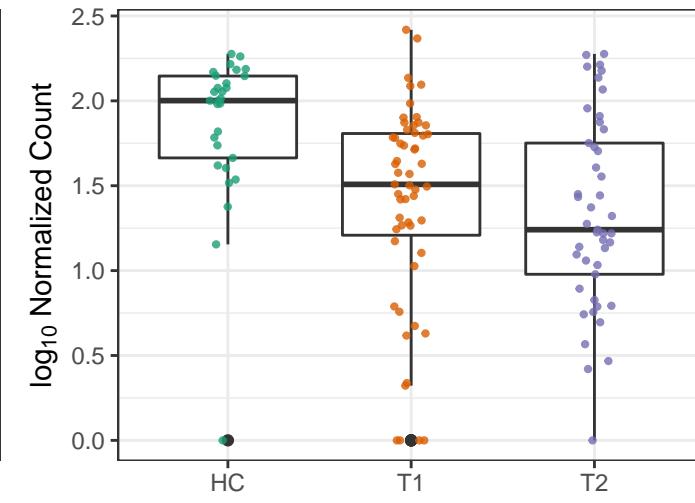


### Unclassified Desulfobacteraceae Family

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.0028

T1 vs. T2 p = 0.83

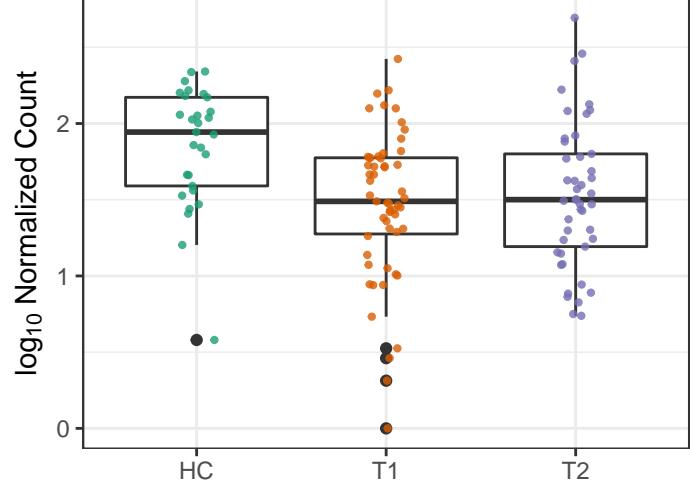


### Unclassified Natrialbaceae Family

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.79

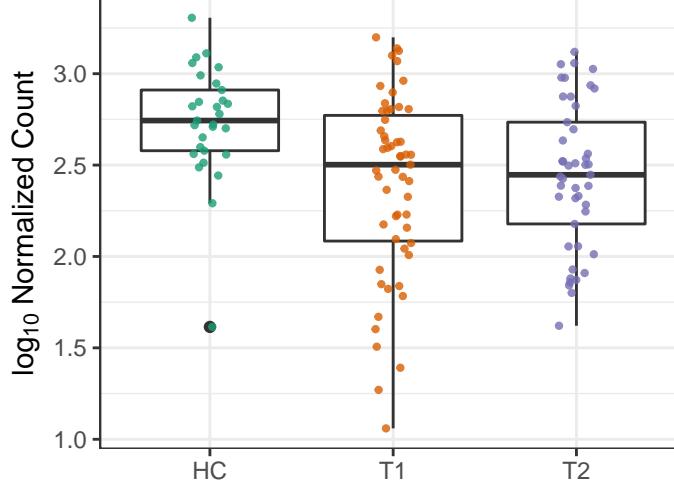


### Unclassified Xanthomonadaceae Famil

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.0087

T1 vs. T2 p = 0.78

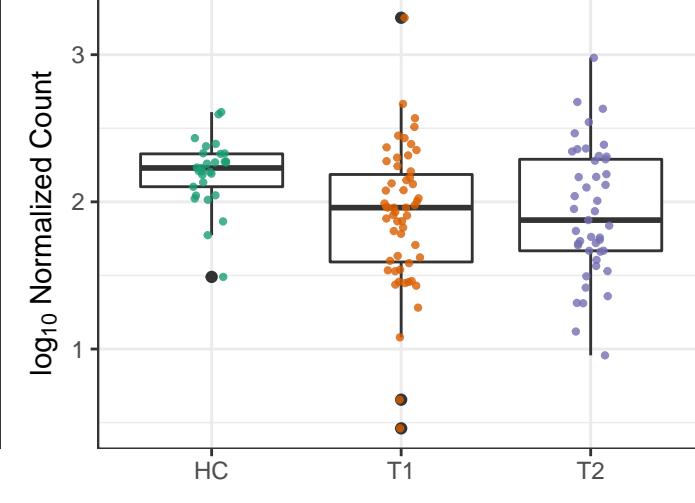


### Verrucosispora

HC vs. T1 p = 0.0037

HC vs. T2 p = 0.01

T1 vs. T2 p = 0.8

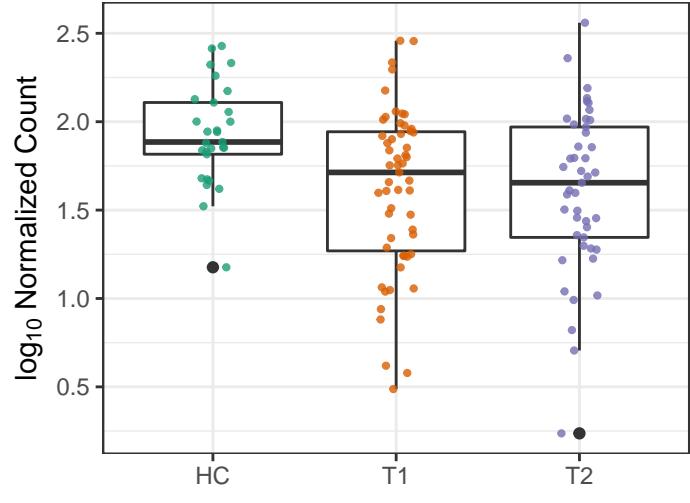


### Anaplasma

HC vs. T1 p = 0.0038

HC vs. T2 p = 0.0068

T1 vs. T2 p = 0.89

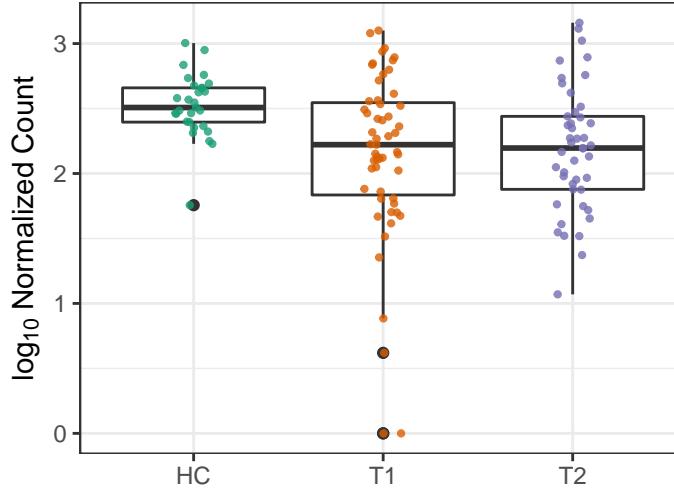


### Candidatus Promineofilum

HC vs. T1 p = 0.0038

HC vs. T2 p = 0.0046

T1 vs. T2 p = 0.78

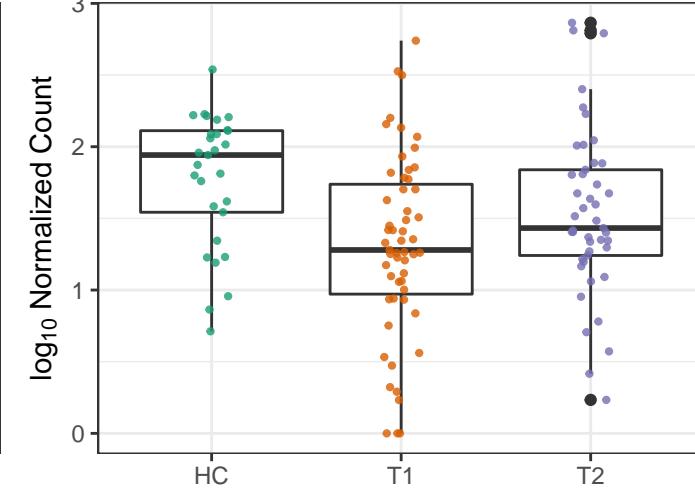


### Dichelobacter

HC vs. T1 p = 0.0038

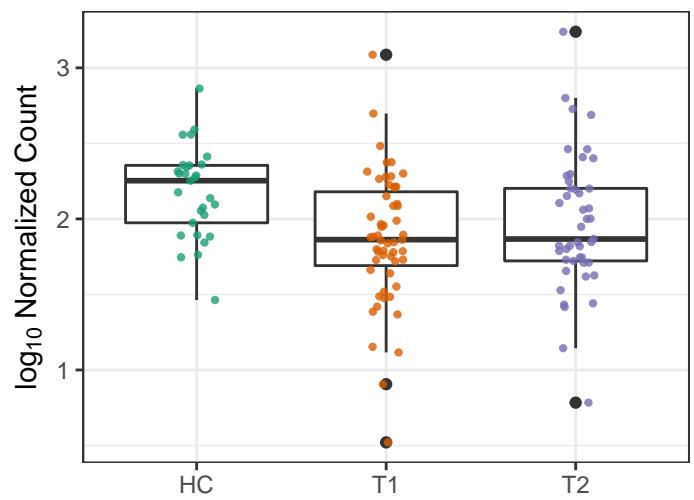
HC vs. T2 p = 0.09

T1 vs. T2 p = 0.68



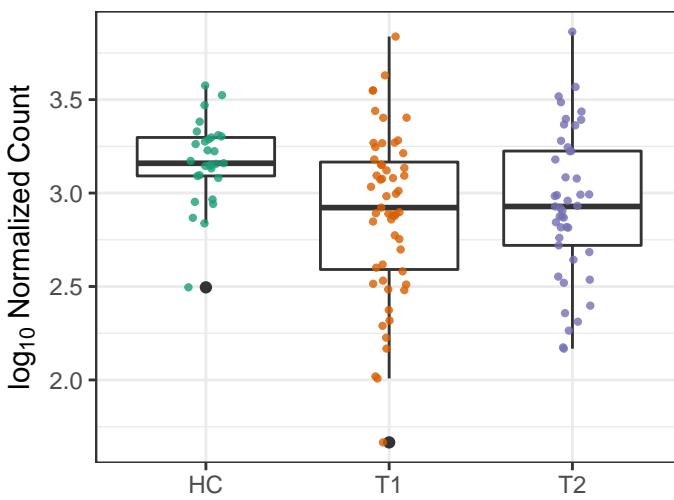
### Lentibacillus

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.78



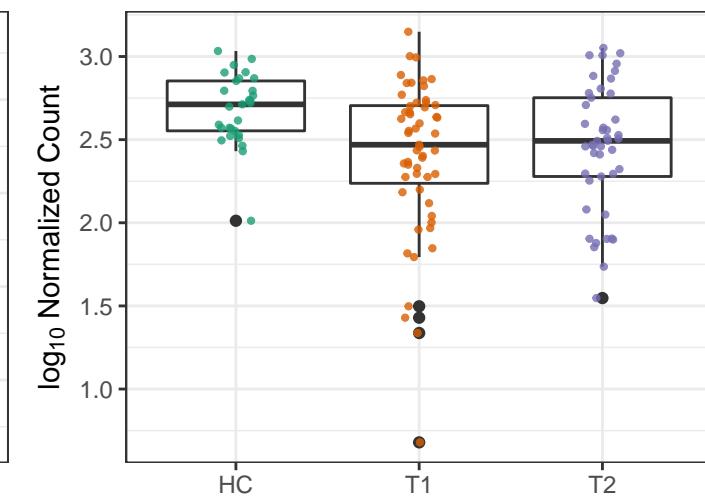
### Lysobacter

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



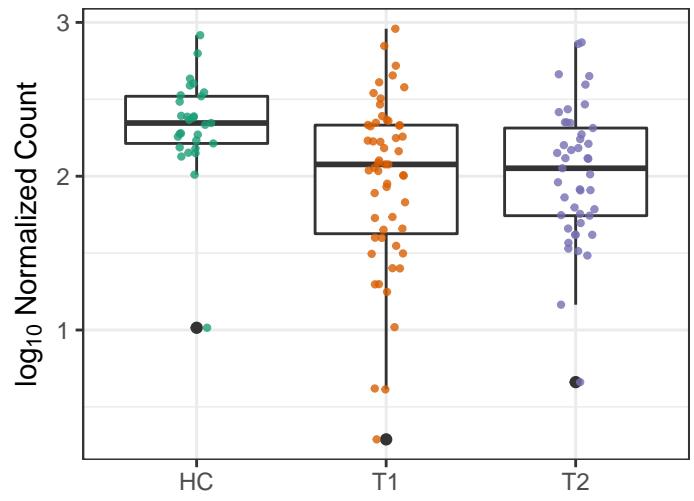
### Martelella

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



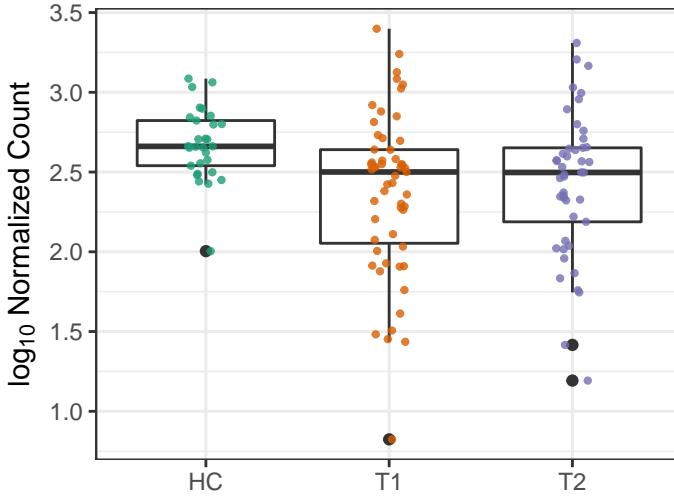
### Thiohalobacter

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.0085  
T1 vs. T2 p = 0.78



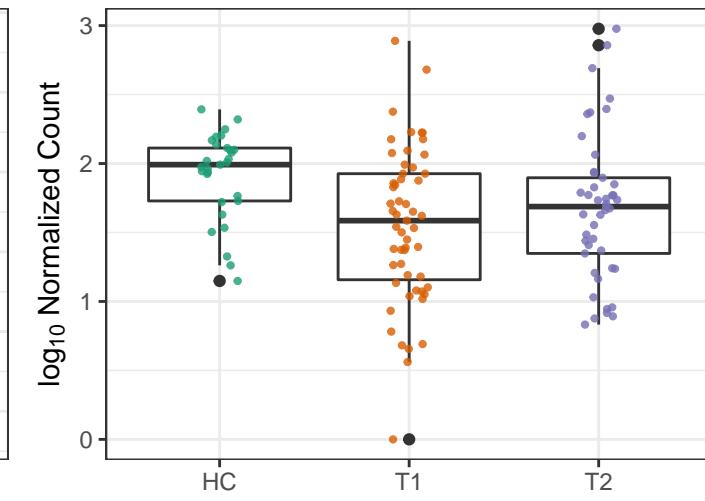
### Thiomonas

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



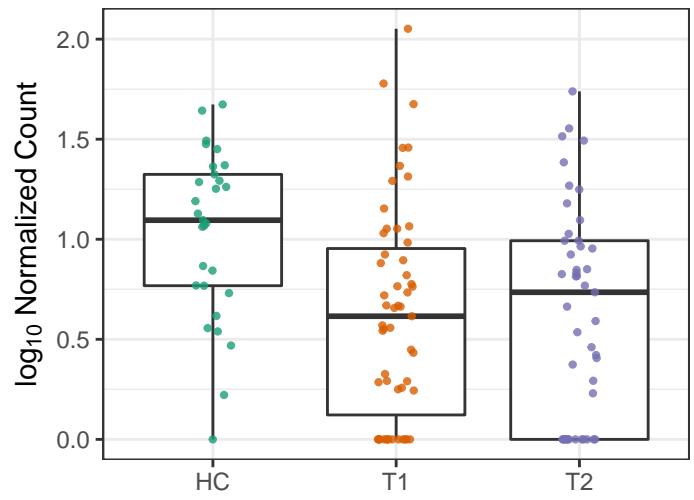
### Unclassified Chromobacteriaceae Family

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.78



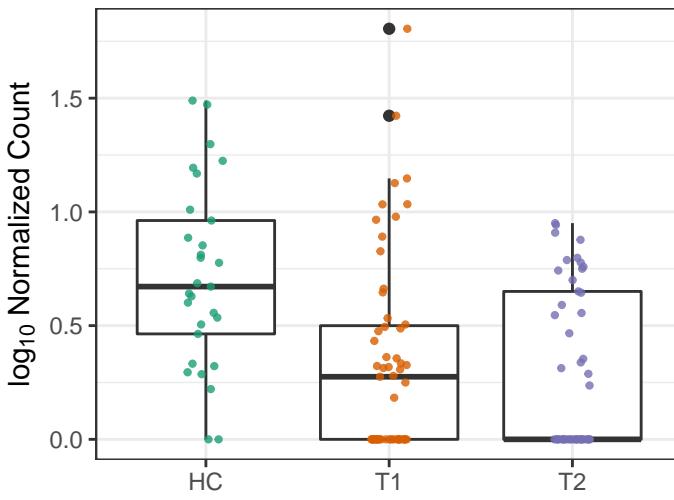
### Unclassified Geobacteraceae Family

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.0085  
T1 vs. T2 p = 0.82



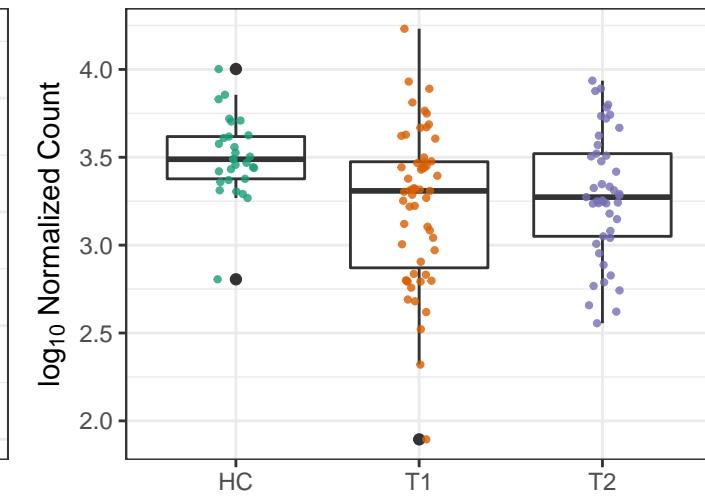
### Unclassified Nautiliaceae Family

HC vs. T1 p = 0.0038  
HC vs. T2 p = 0.0029  
T1 vs. T2 p = 0.99



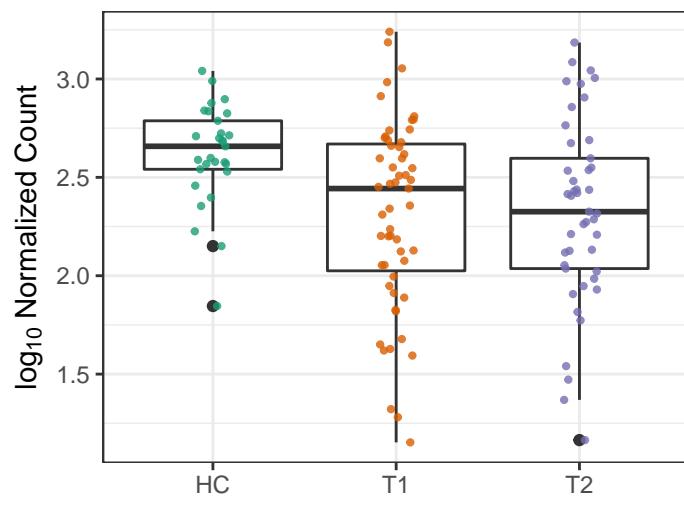
### Nocardioides

HC vs. T1 p = 0.004  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



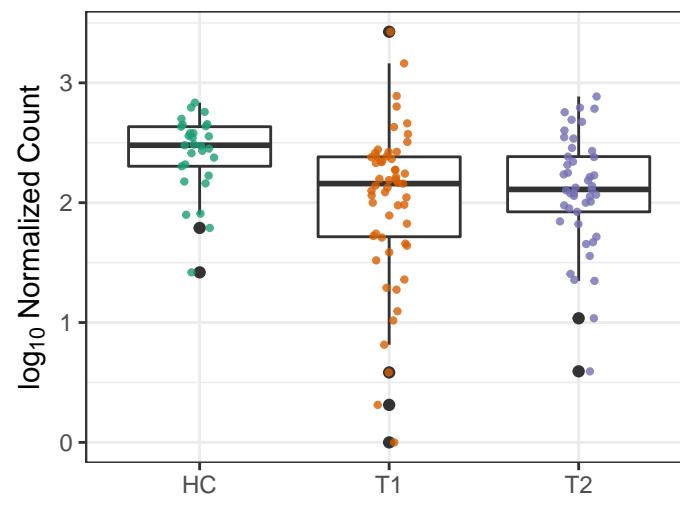
### Haliangium

HC vs. T1 p = 0.004  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.81



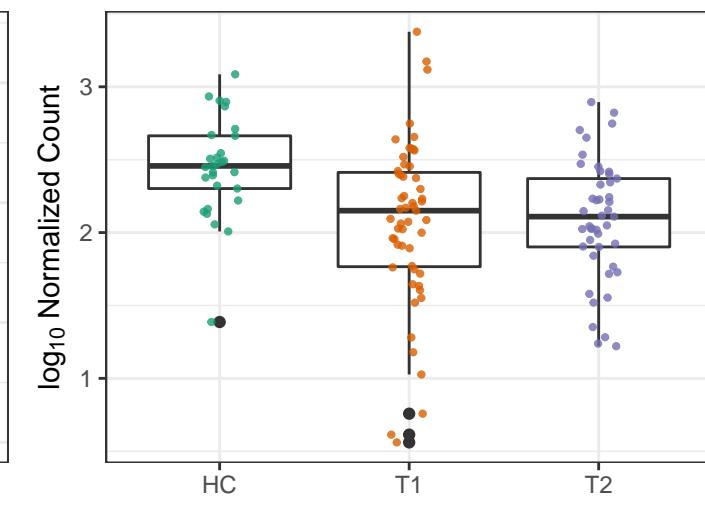
### Rubrivivax

HC vs. T1 p = 0.004  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



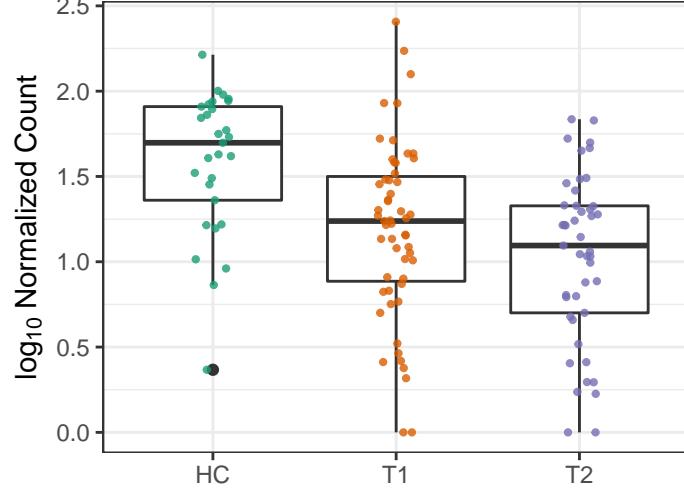
### Xylophilus

HC vs. T1 p = 0.004  
HC vs. T2 p = 0.004  
T1 vs. T2 p = 0.79



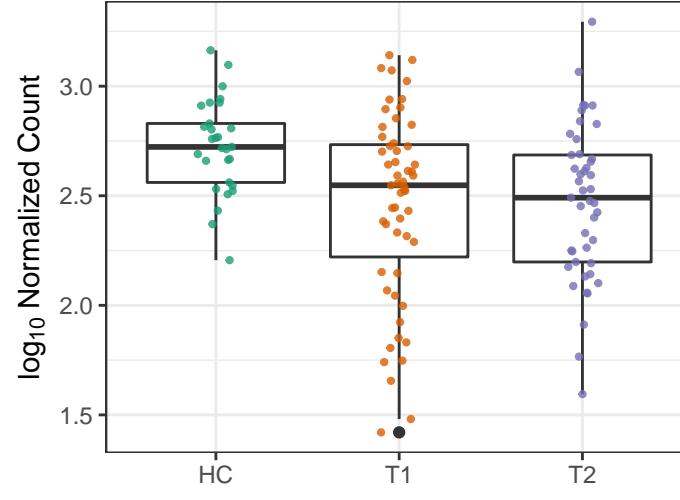
### Aliarcobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.00049  
T1 vs. T2 p = 0.78



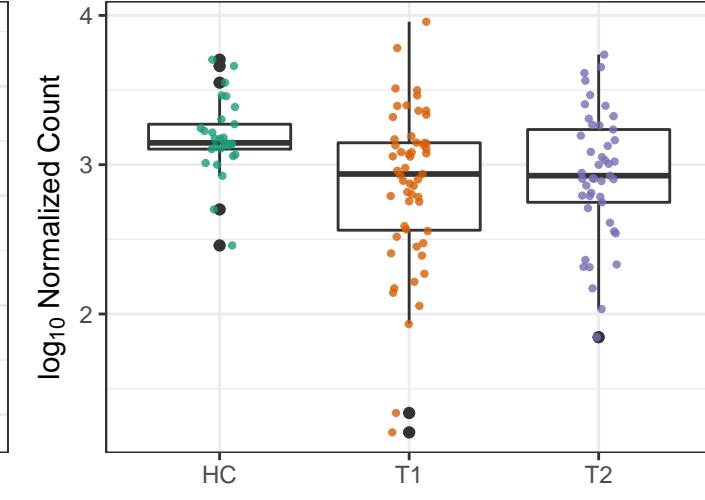
### Aquitalea

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0051  
T1 vs. T2 p = 0.86



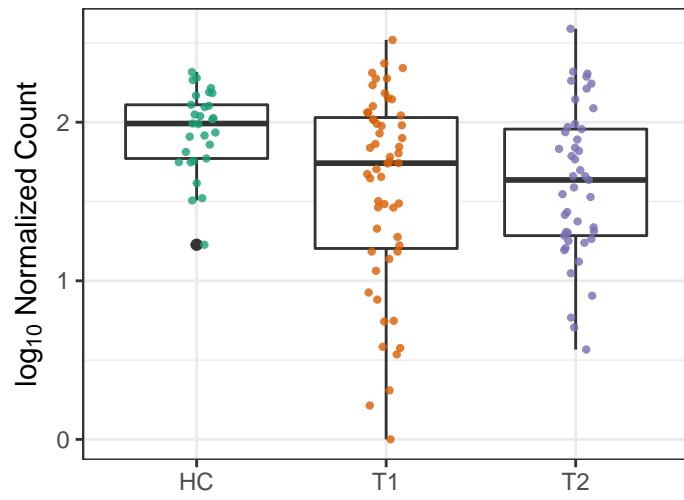
### Caulobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



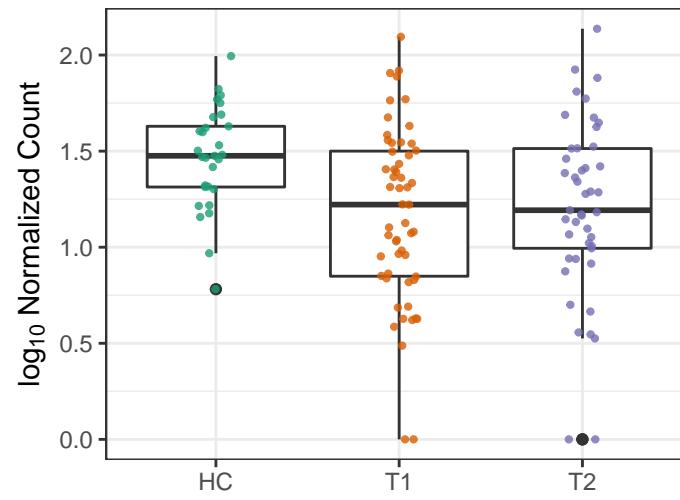
### Sterolibacterium

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 1



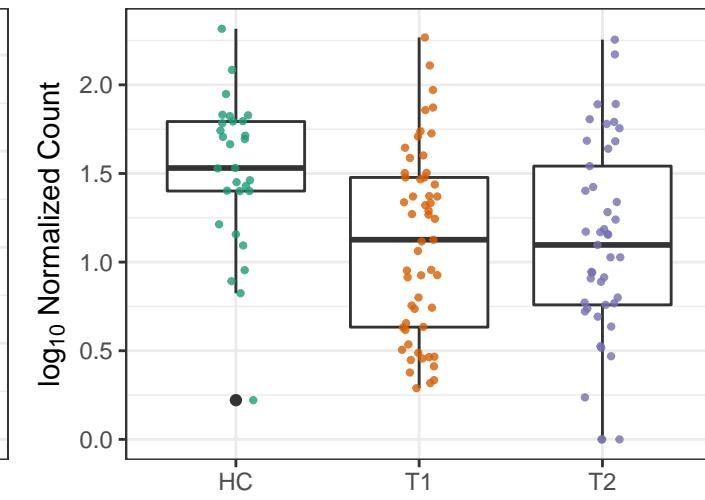
### Unclassified Spirochaetaceae Family

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.81



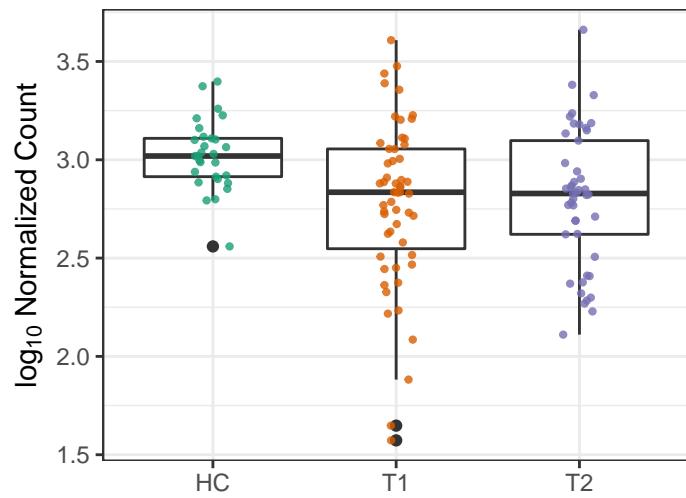
### Candidatus Phycorickettsia

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.92



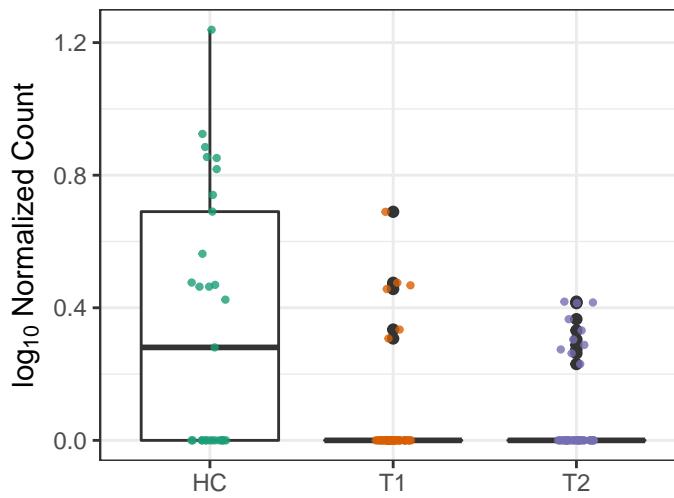
### Pelobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0085  
T1 vs. T2 p = 0.8



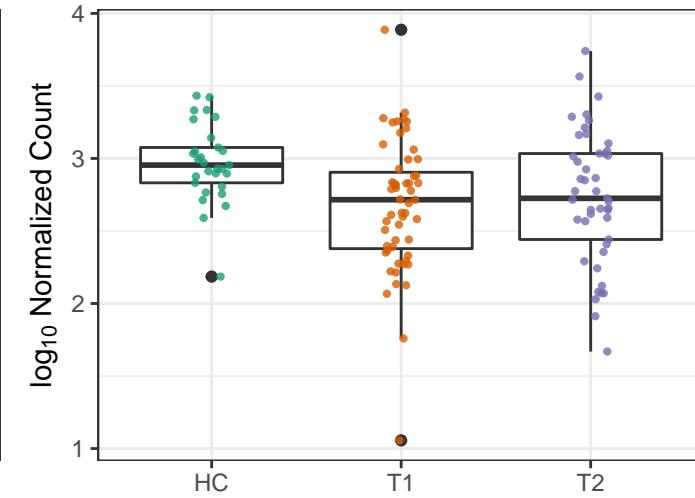
### Unclassified Bacteriovoracales Order

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0091  
T1 vs. T2 p = 0.78



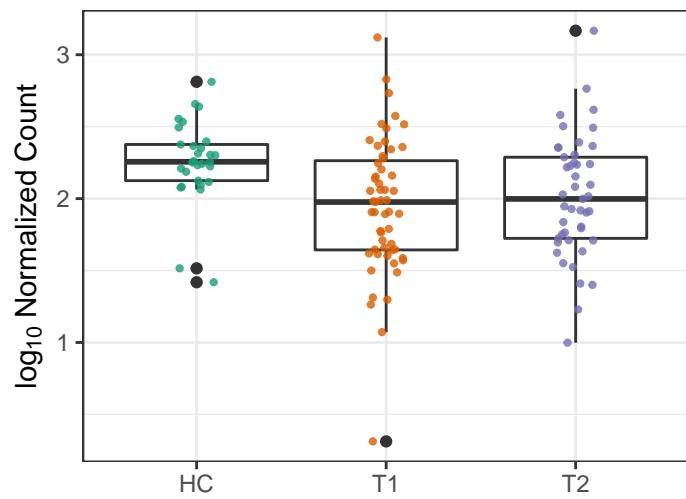
### Unclassified Microbacteriaceae Family

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



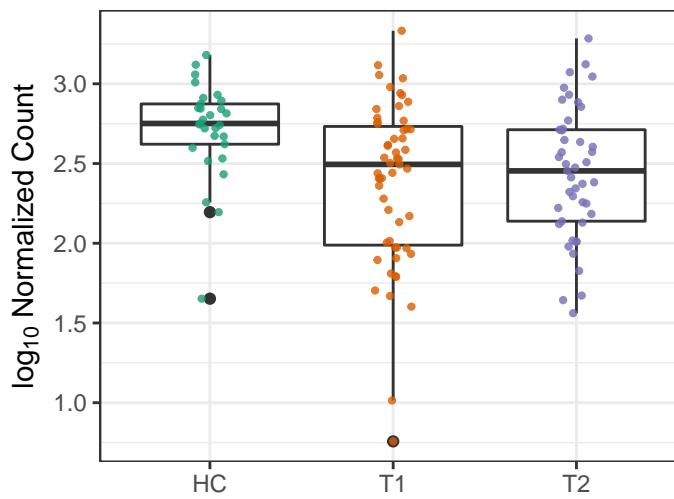
### Ktedonosporobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



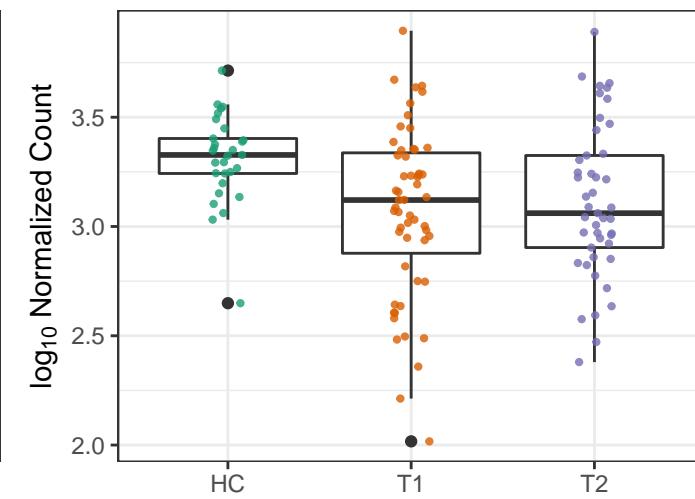
### Phreatobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



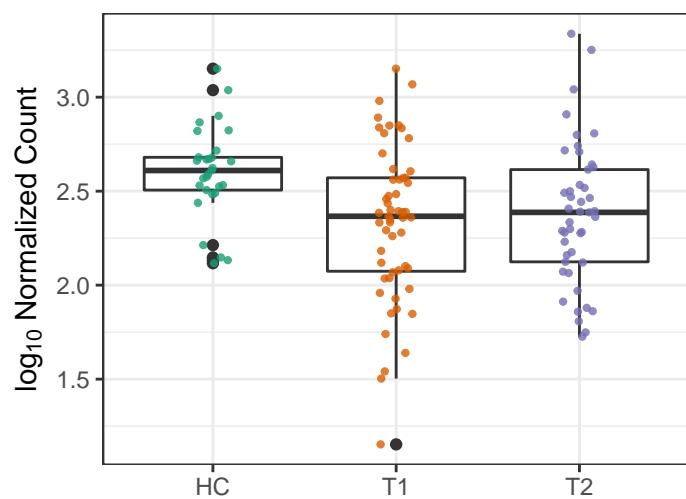
### Unclassified Betaproteobacteria Class

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



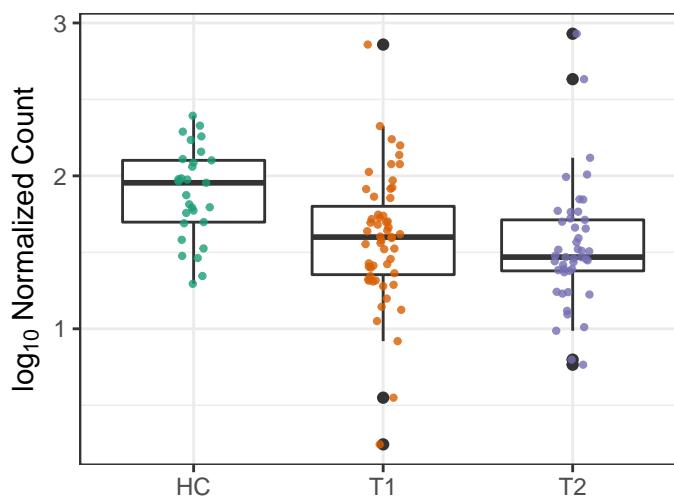
### Fibrobacter

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



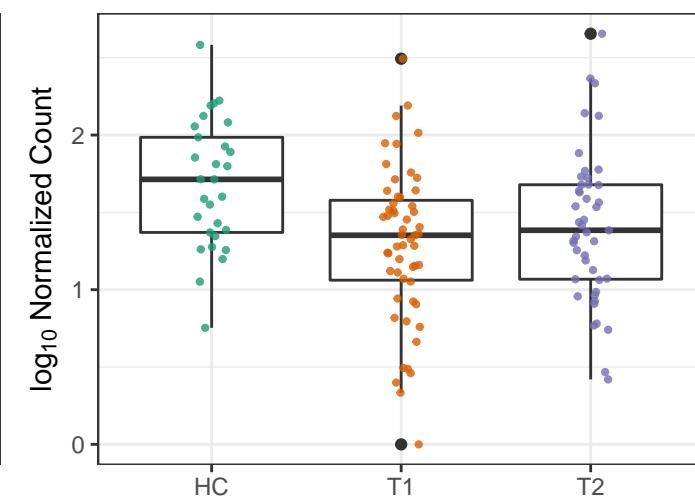
### Scheffersomyces

HC vs. T1 p = 0.0041  
HC vs. T2 p = 0.0028  
T1 vs. T2 p = 0.78



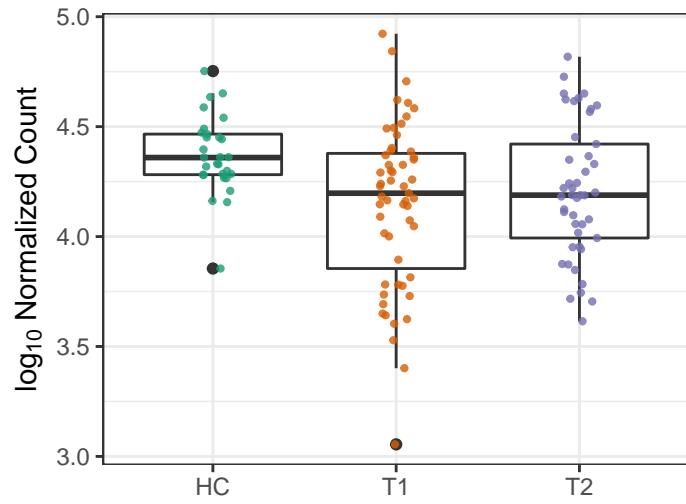
### Mycoavidus

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.78



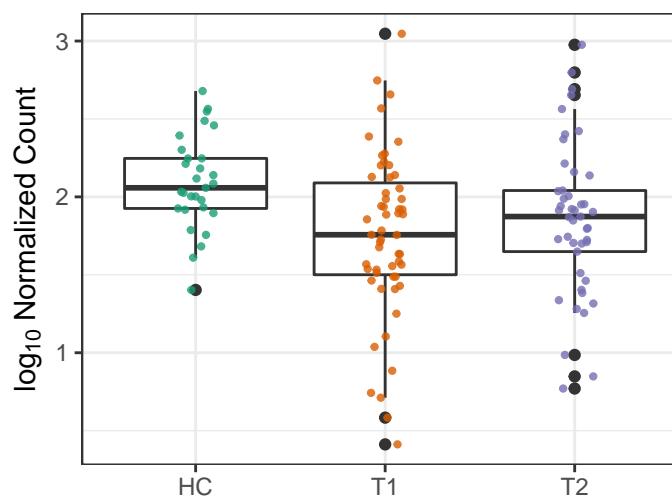
### Pseudomonas

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



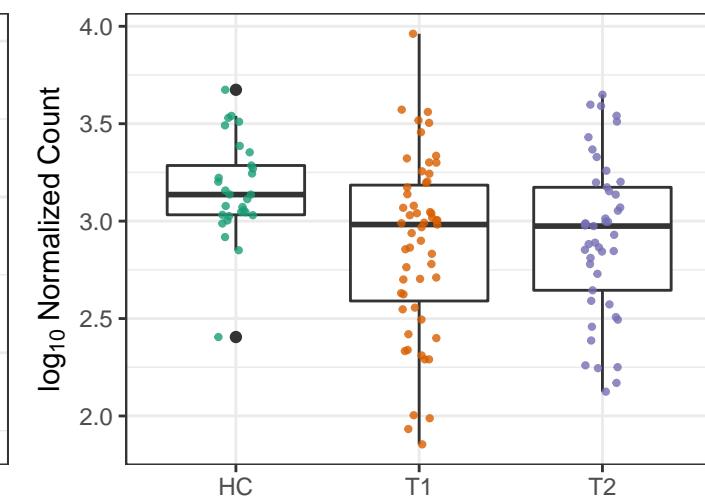
### Aureimonas

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78



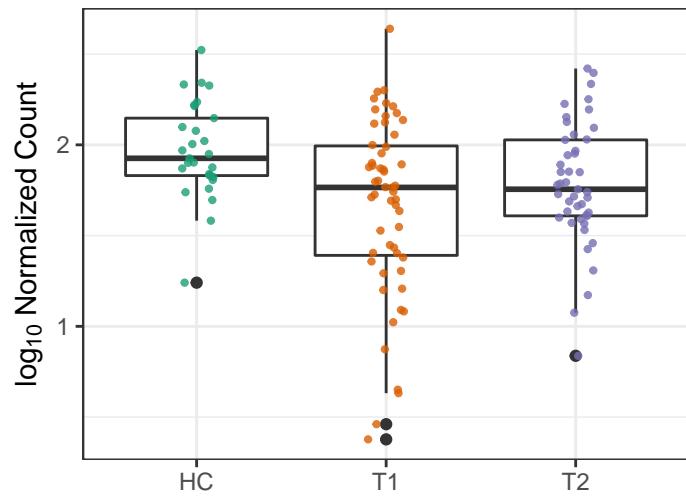
### Acidovorax

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



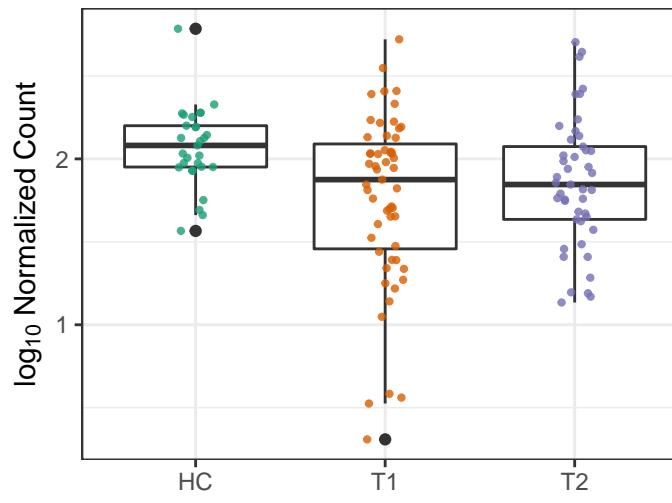
### Archaeoglobus

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78



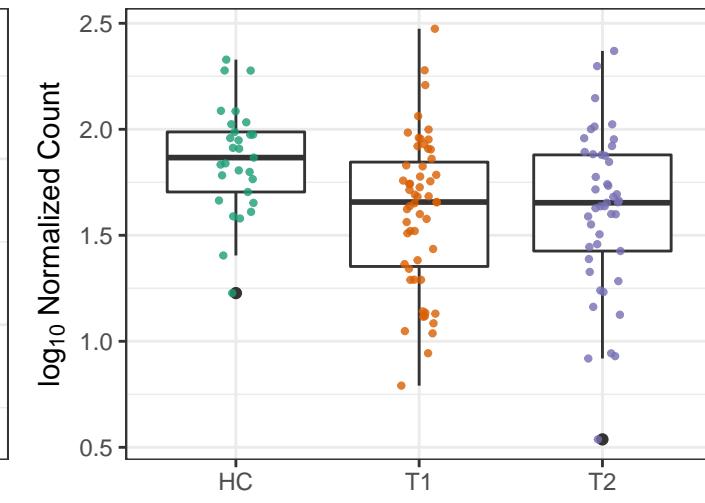
### Desulfohalobium

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.78



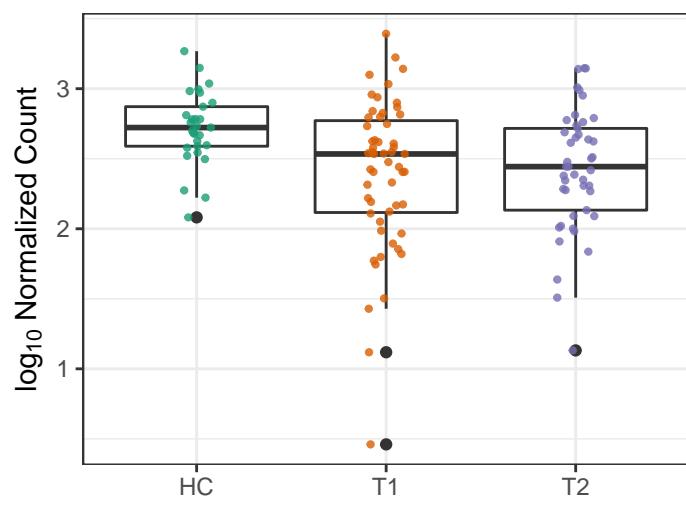
### Gallionella

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.01  
T1 vs. T2 p = 0.82



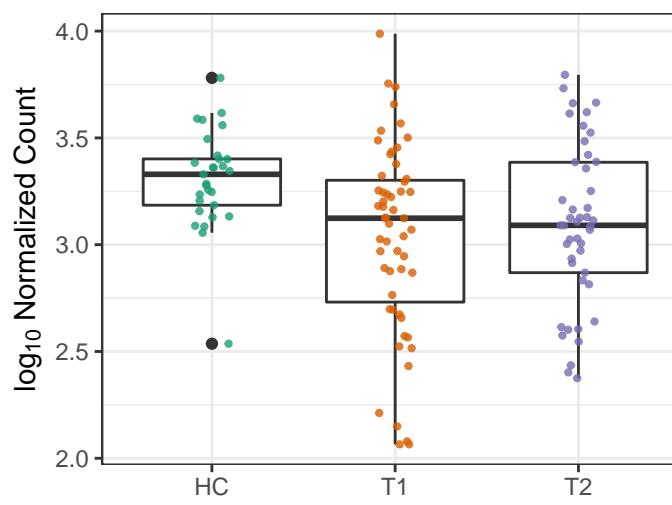
### Opitutus

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.0069  
T1 vs. T2 p = 0.79



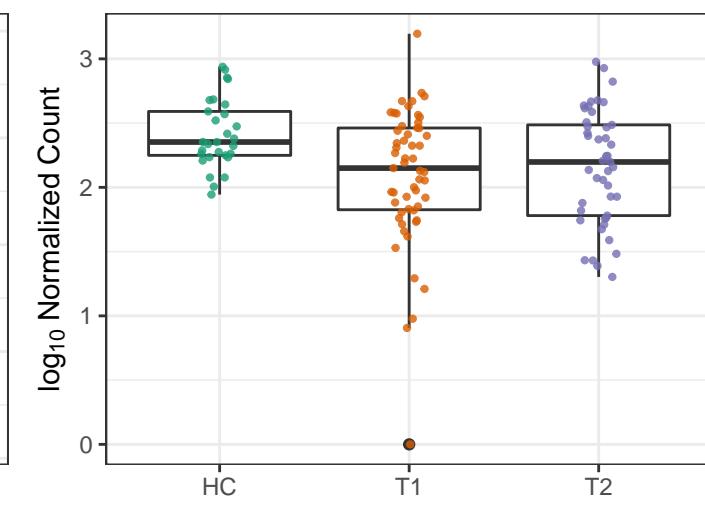
### Paracoccus

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



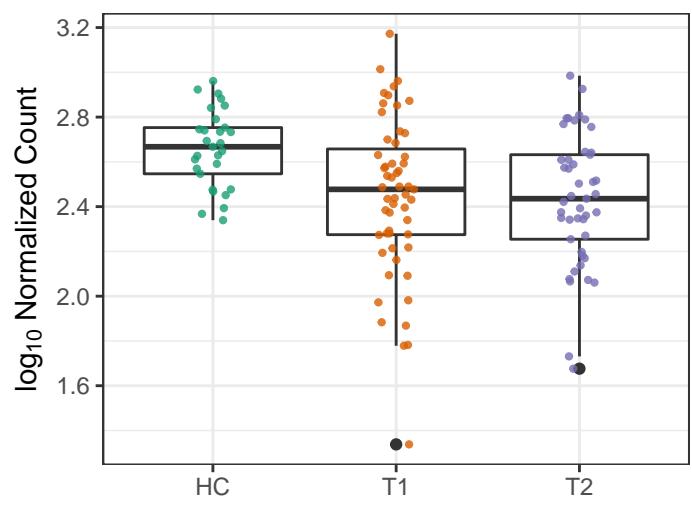
### Plantibacter

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



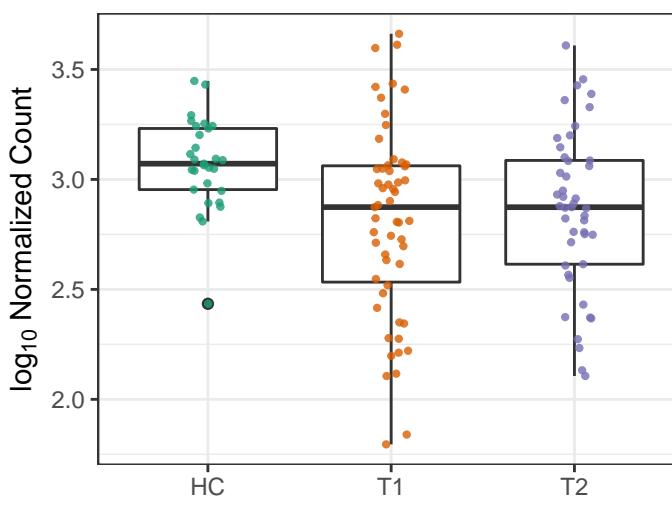
### Prosthecochloris

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.0034  
T1 vs. T2 p = 0.98



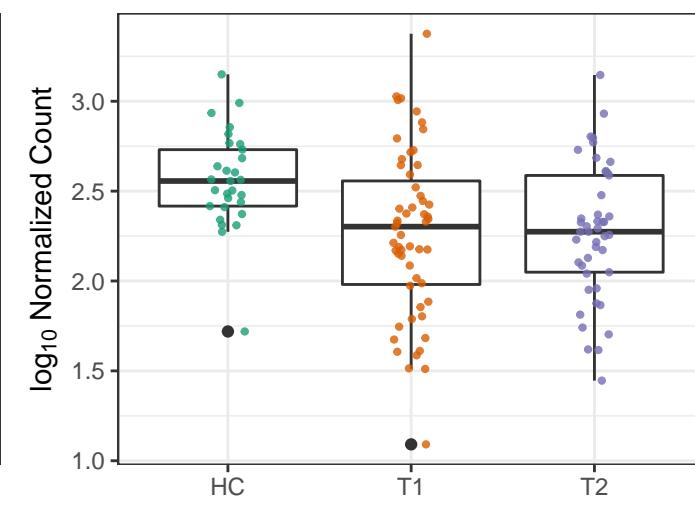
### Chromobacterium

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



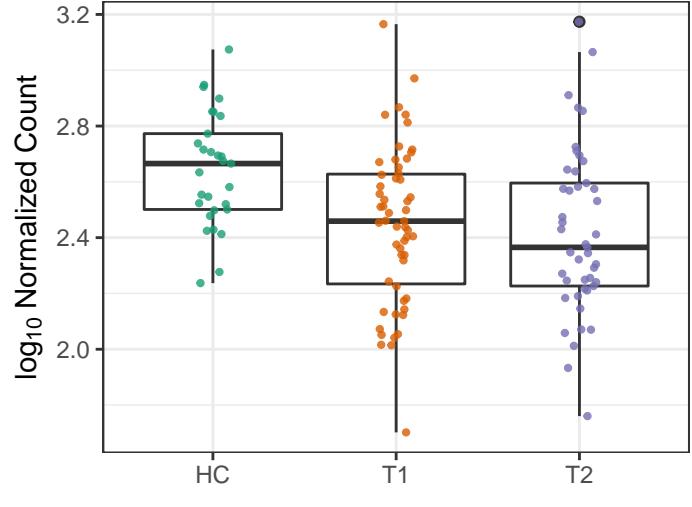
### Dyella

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.0054  
T1 vs. T2 p = 0.85



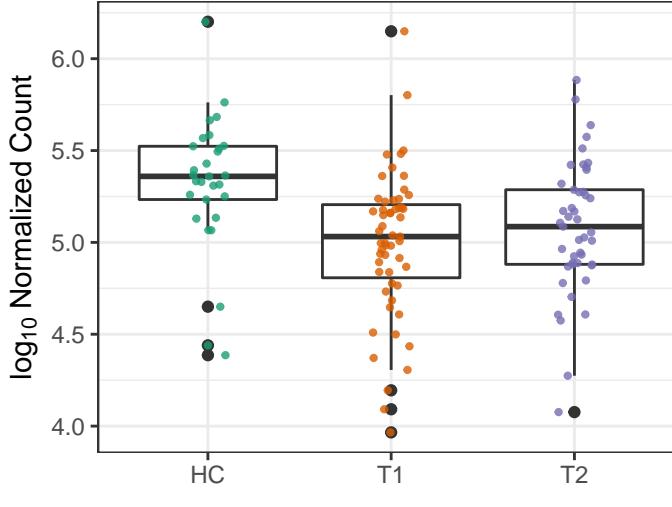
### Psychrobacter

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.9



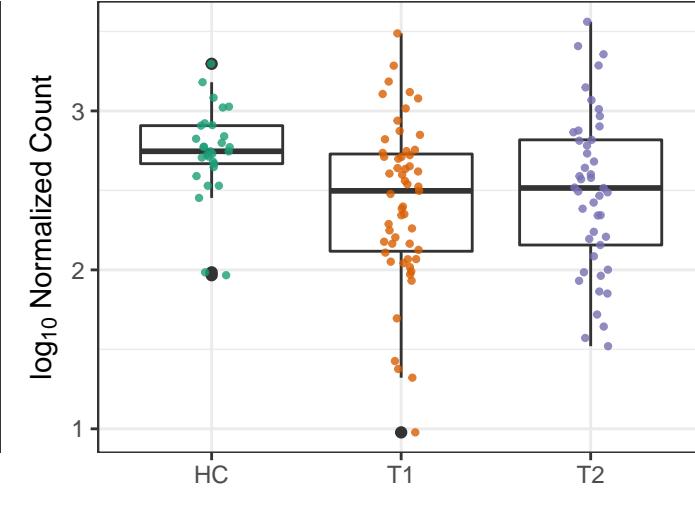
### Roseburia

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



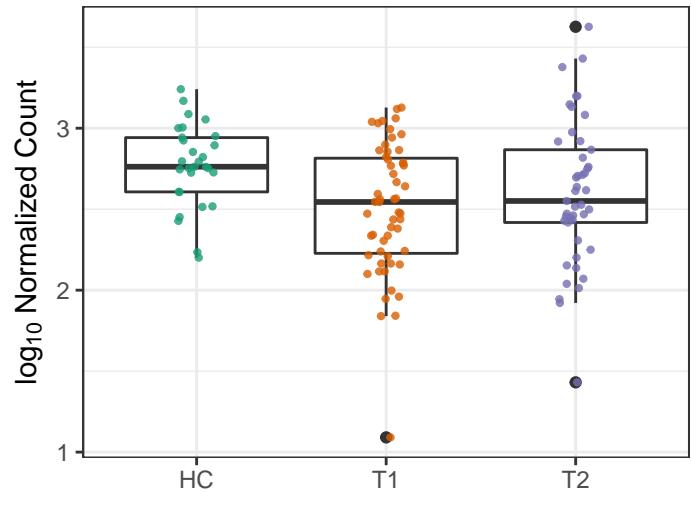
### Jiangella

HC vs. T1 p = 0.0042  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



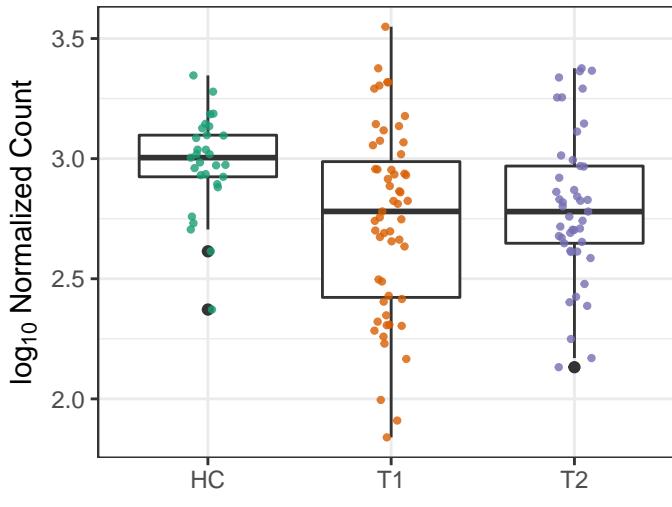
### Thermobacillus

HC vs. T1 p = 0.0043  
HC vs. T2 p = 0.07  
T1 vs. T2 p = 0.78



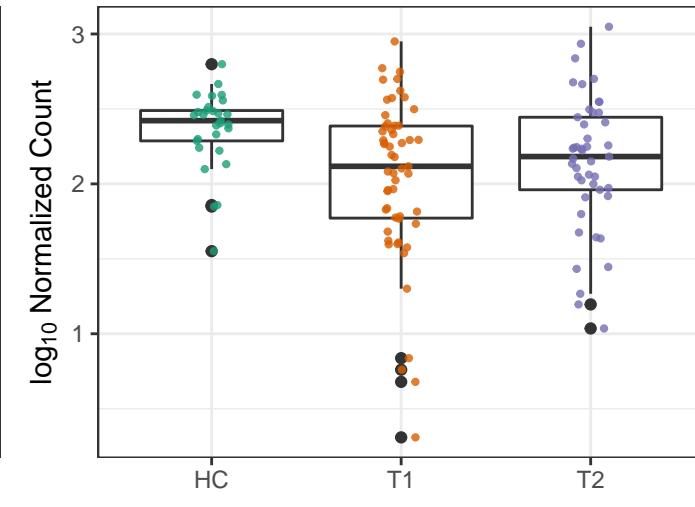
### Herbaspirillum

HC vs. T1 p = 0.0043  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



### Unclassified Sterolibacteriaceae Family

HC vs. T1 p = 0.0043  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78

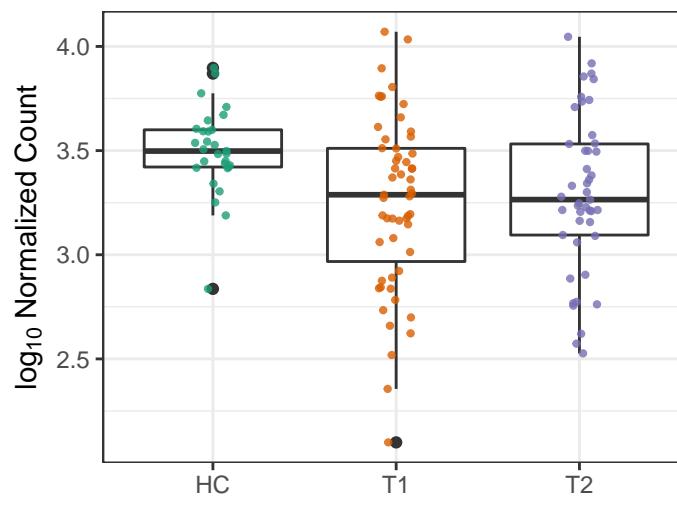


### Cupriavidus

HC vs. T1 p = 0.0043

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

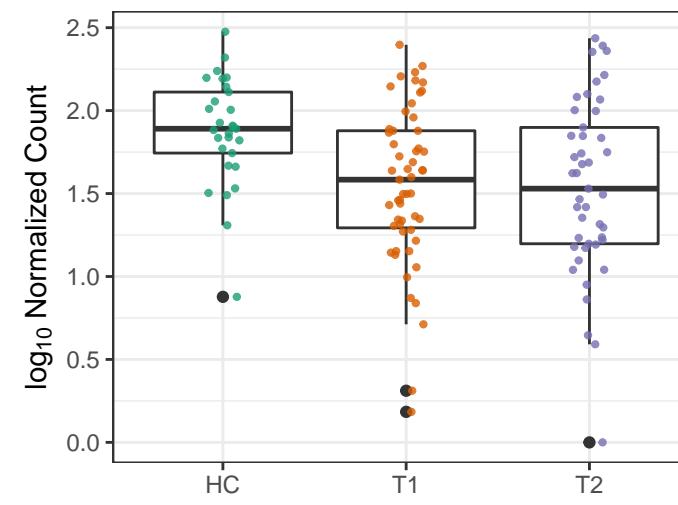


### Lachancea

HC vs. T1 p = 0.0043

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.98

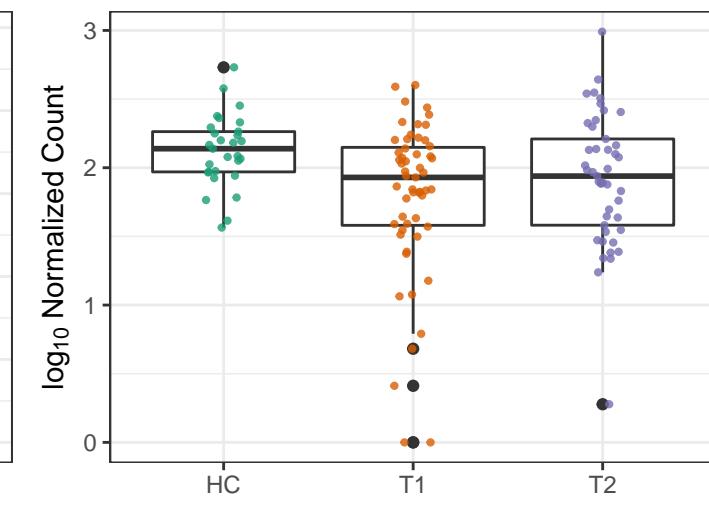


### Leptothrix

HC vs. T1 p = 0.0043

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.78

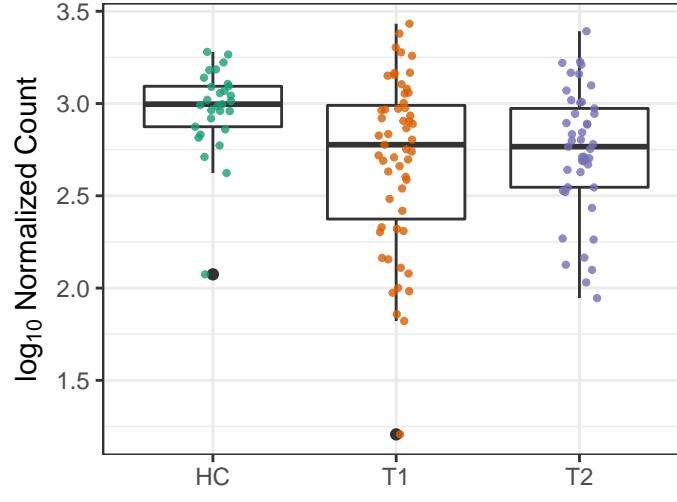


### Novosphingobium

HC vs. T1 p = 0.0043

HC vs. T2 p = 0.01

T1 vs. T2 p = 0.78

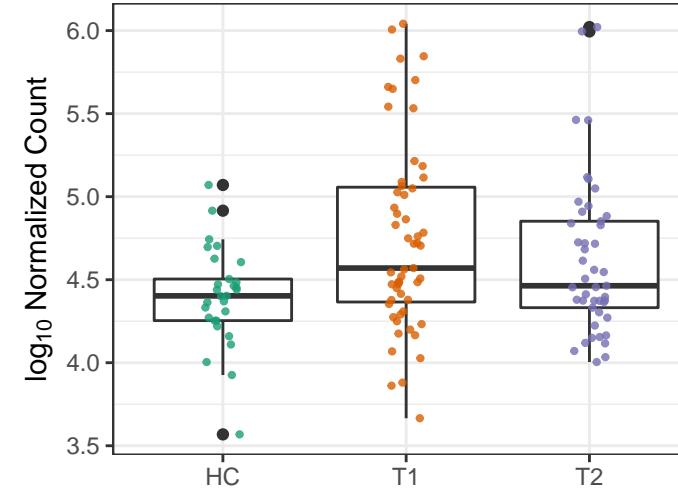


### Enterocloster

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.036

T1 vs. T2 p = 0.78

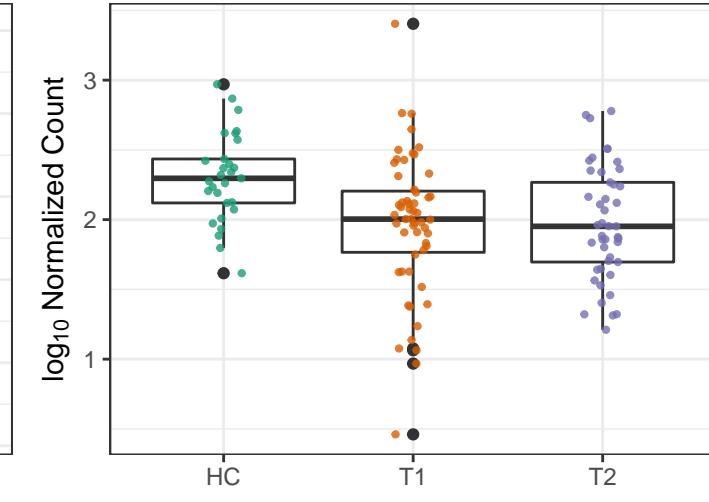


### Orrella

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.0052

T1 vs. T2 p = 0.8

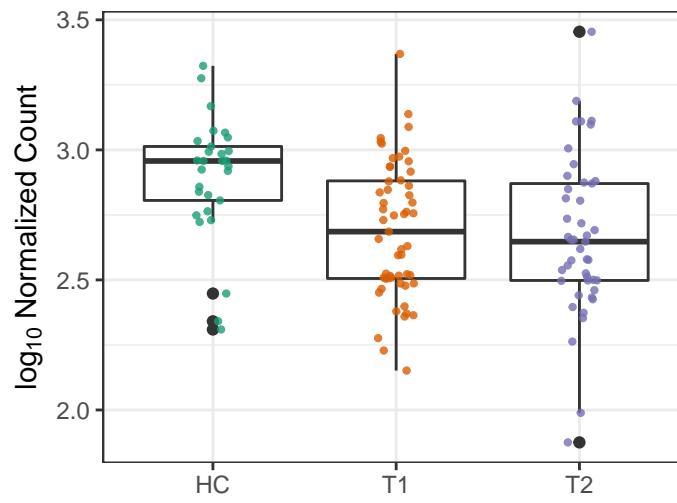


### Aerococcus

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.0068

T1 vs. T2 p = 0.97

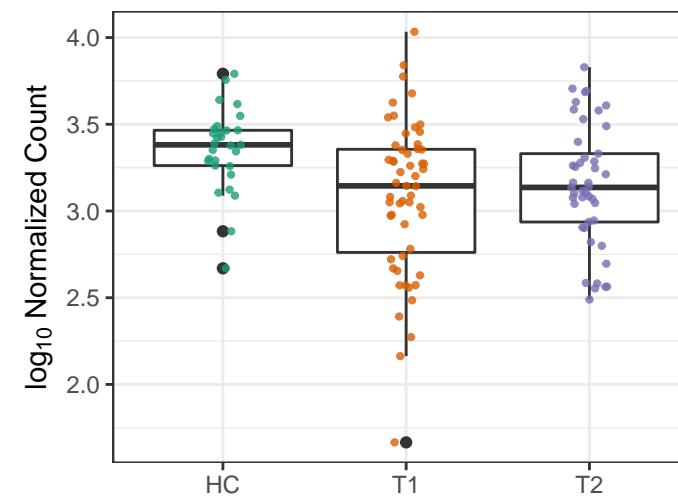


### Massilia

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.78

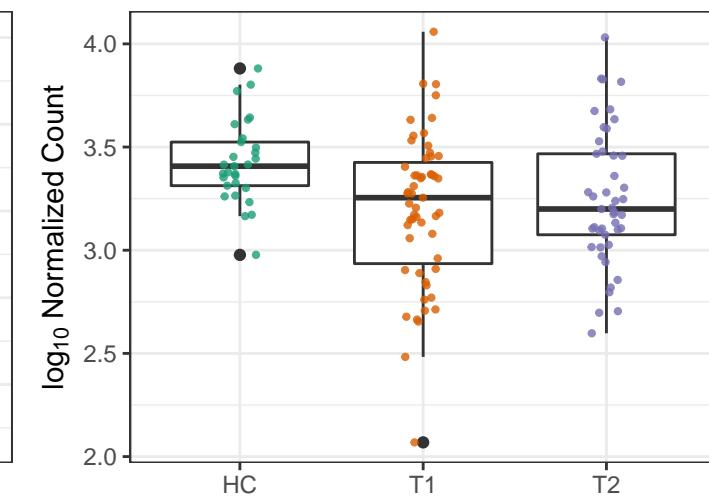


### Paraburkholderia

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.78

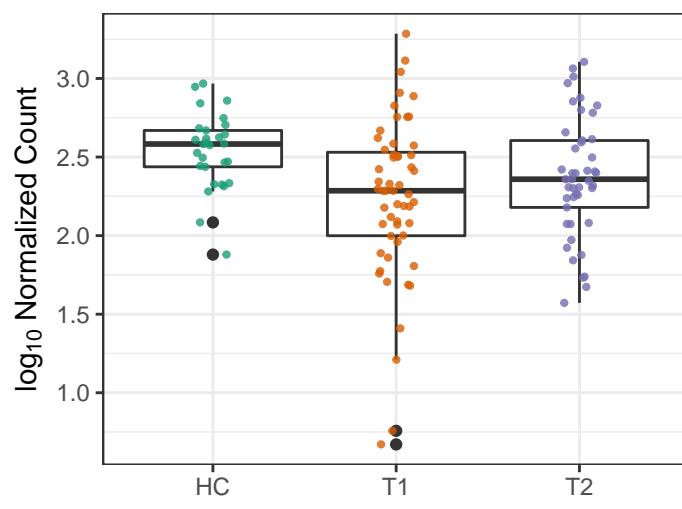


### Pigmentiphaga

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.78

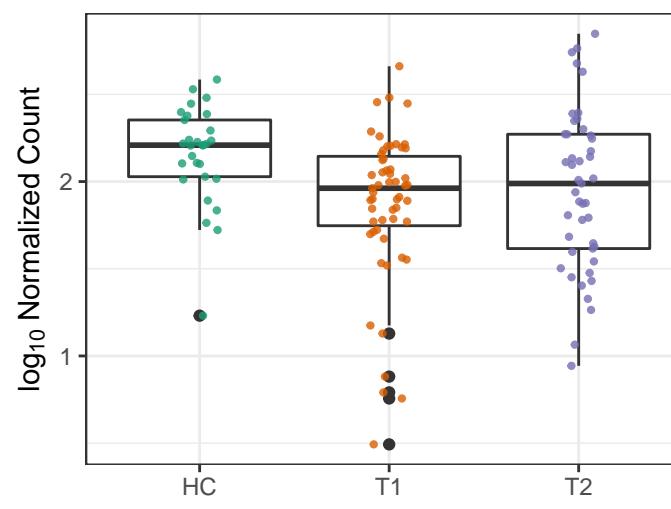


### Planctopirus

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.041

T1 vs. T2 p = 0.78

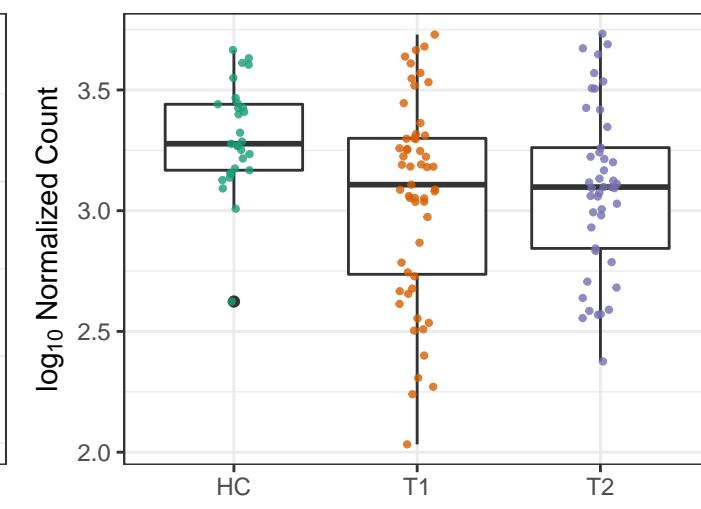


### Sphingobium

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.78

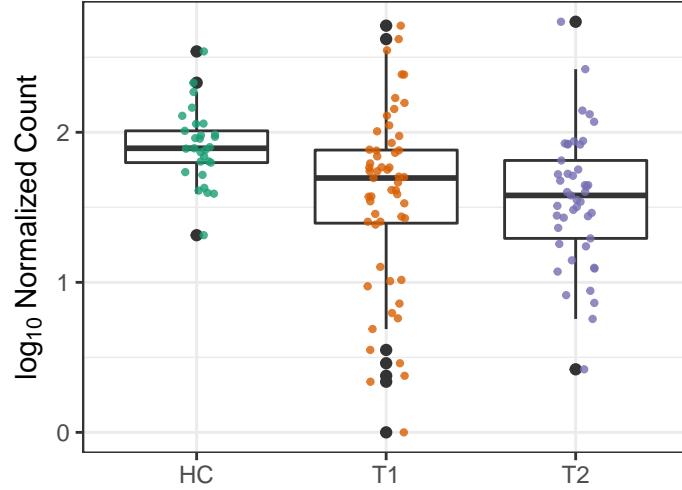


### Asaia

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.0027

T1 vs. T2 p = 1

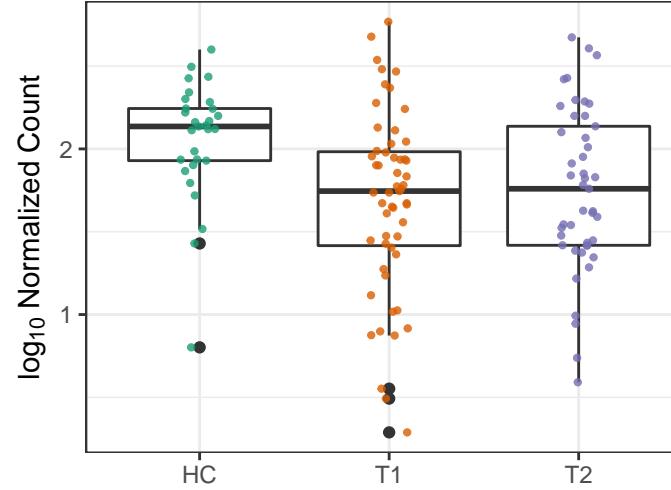


### Unclassified Hungateiclostridiaceae Fam

HC vs. T1 p = 0.0044

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

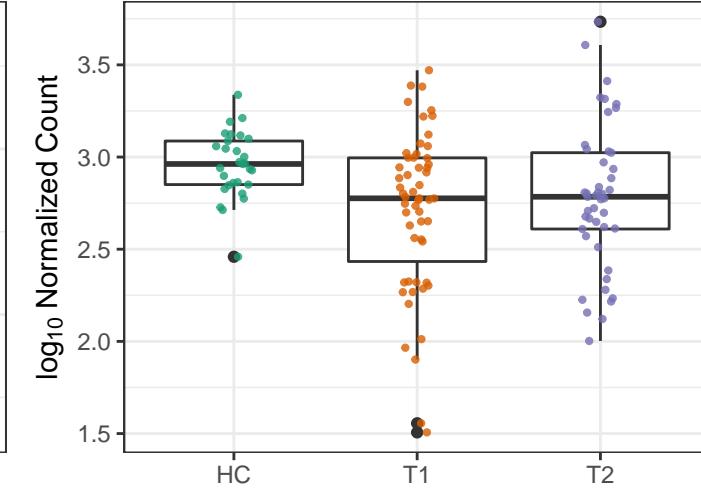


### Bosea

HC vs. T1 p = 0.0045

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.78

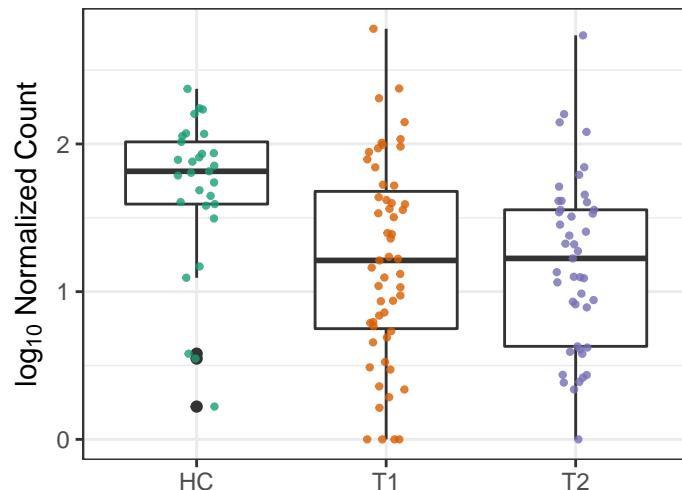


### Unclassified Acidobacteria Phylum

HC vs. T1 p = 0.0045

HC vs. T2 p = 0.0056

T1 vs. T2 p = 1

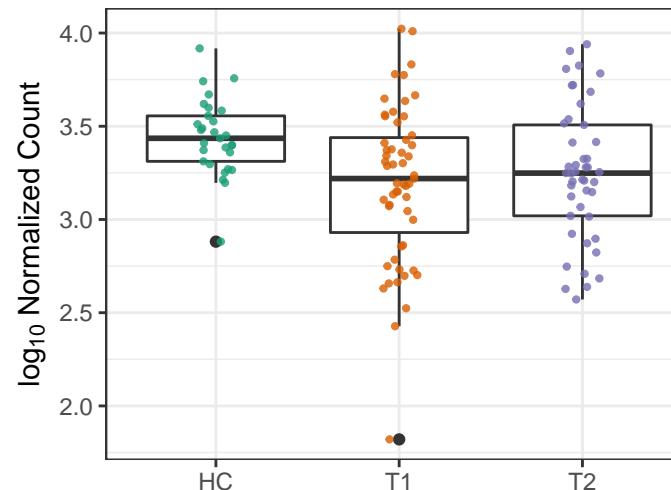


### Stenotrophomonas

HC vs. T1 p = 0.0046

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.78

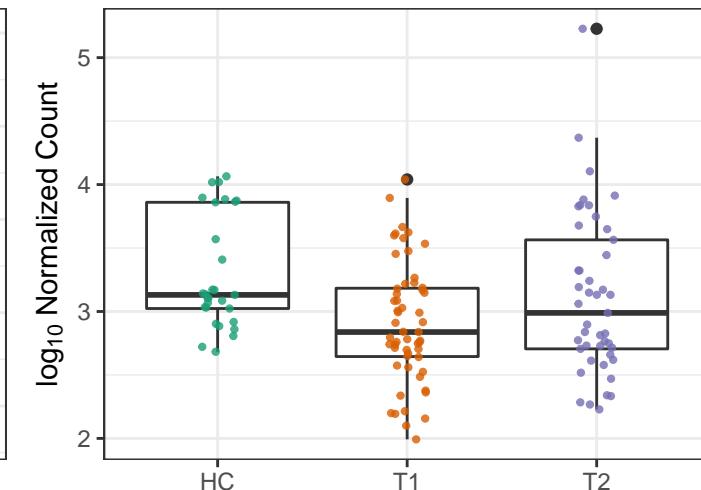


### Dialister

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.21

T1 vs. T2 p = 0.78

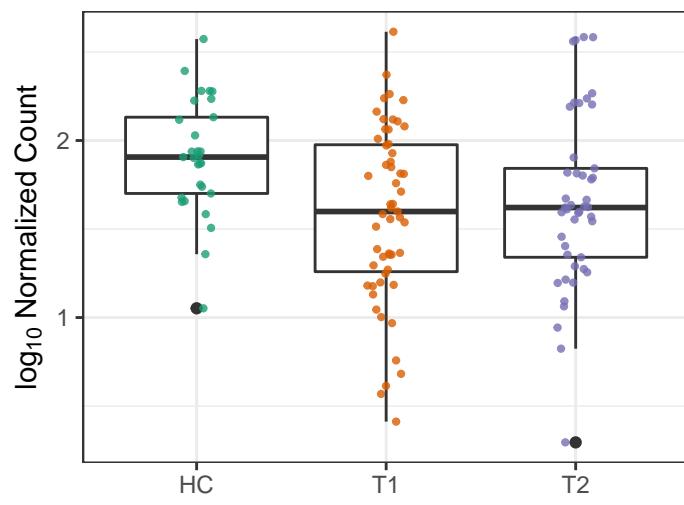


### Natronomonas

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.028

T1 vs. T2 p = 0.78

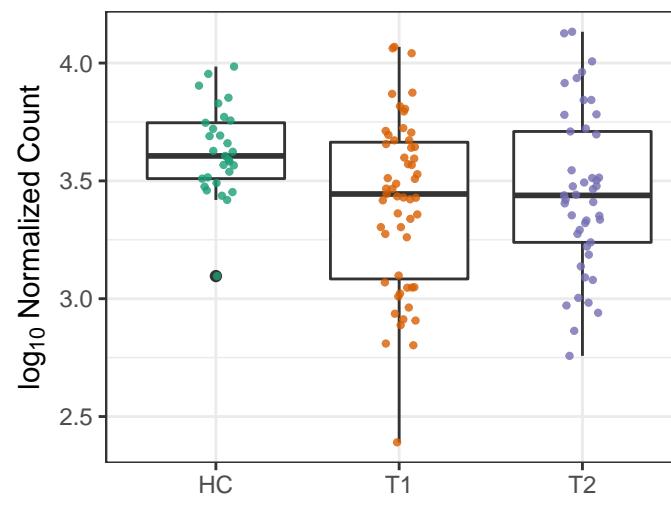


### Rhizobium

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.78

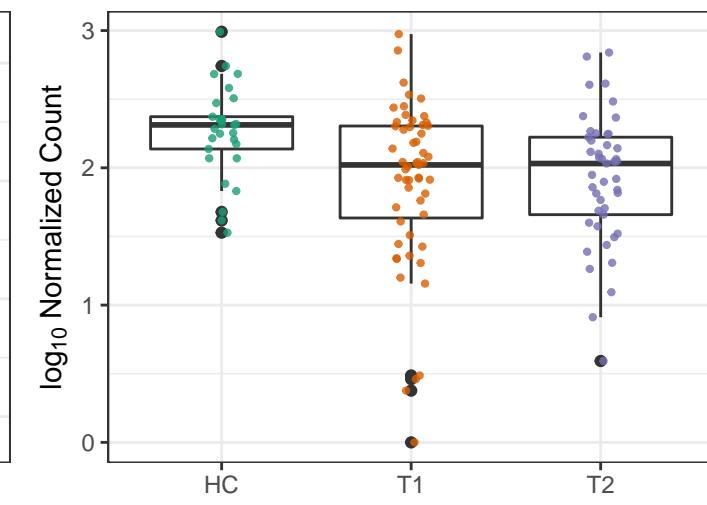


### Alkalilimnicola

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.0073

T1 vs. T2 p = 0.78

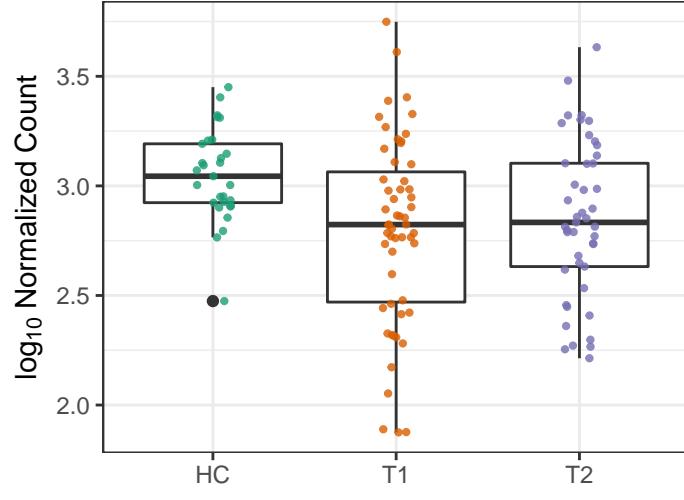


### Azoarcus

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

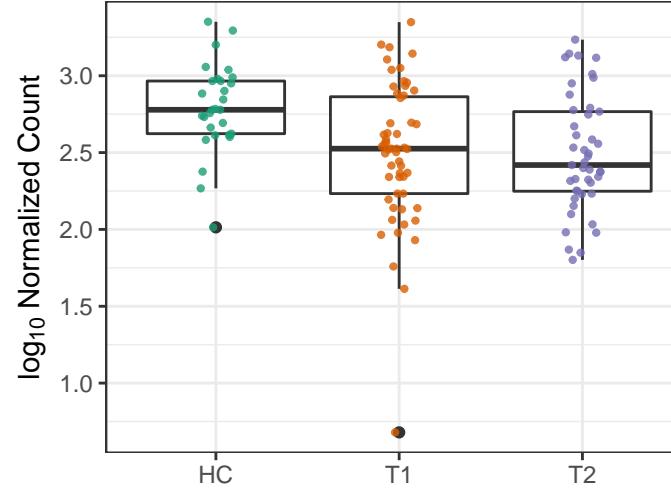


### Unclassified Candidatus Saccharibacte

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.0049

T1 vs. T2 p = 0.93

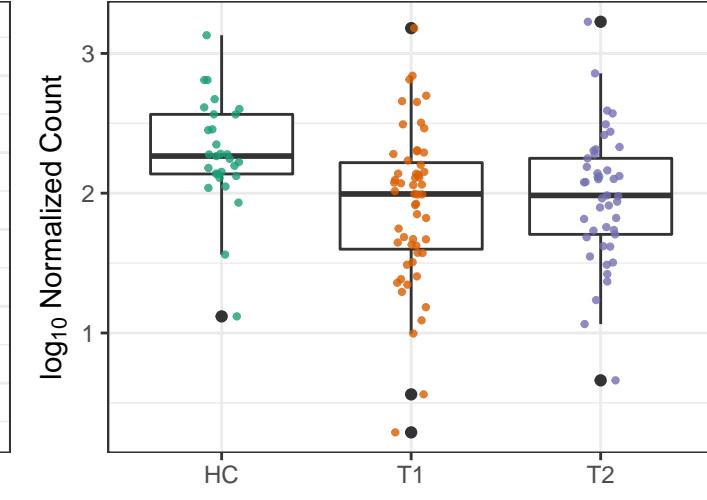


### Rhodomicrobium

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.82

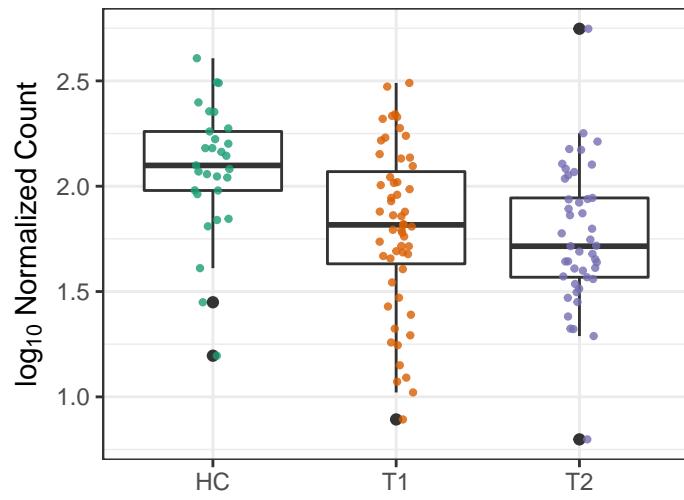


### Hydrogenovibrio

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.0031

T1 vs. T2 p = 0.85

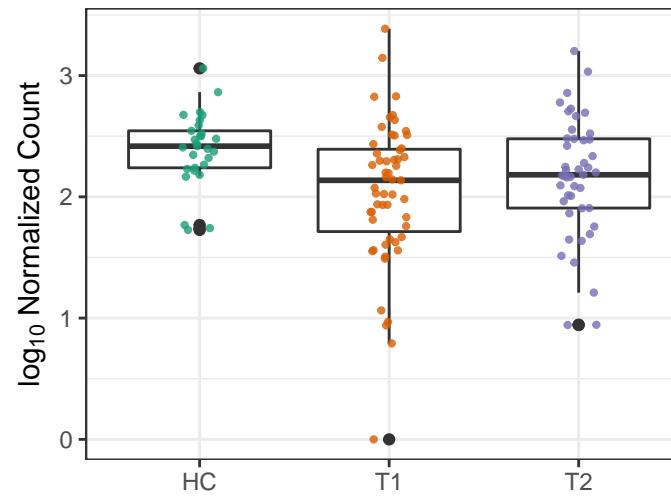


### Serpentinomonas

HC vs. T1 p = 0.0047

HC vs. T2 p = 0.035

T1 vs. T2 p = 0.78

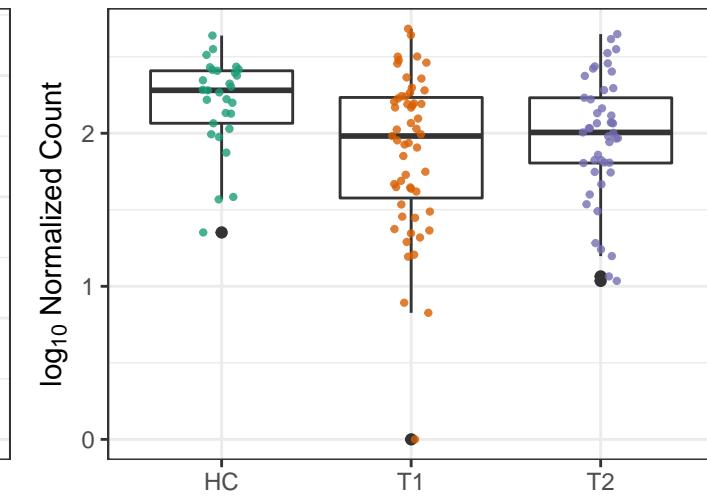


### Azorhizobium

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

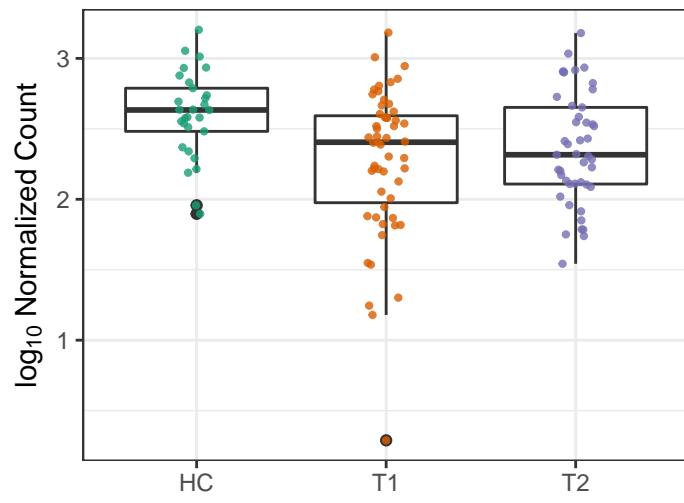


### Cryobacterium

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

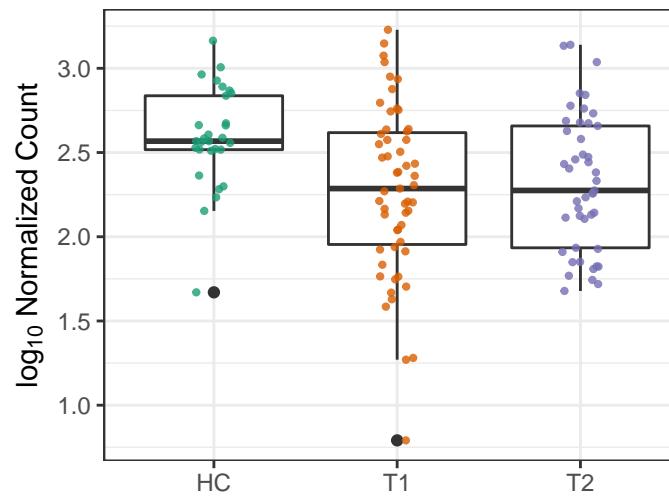


### Unclassified Opitutaceae Family

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.8

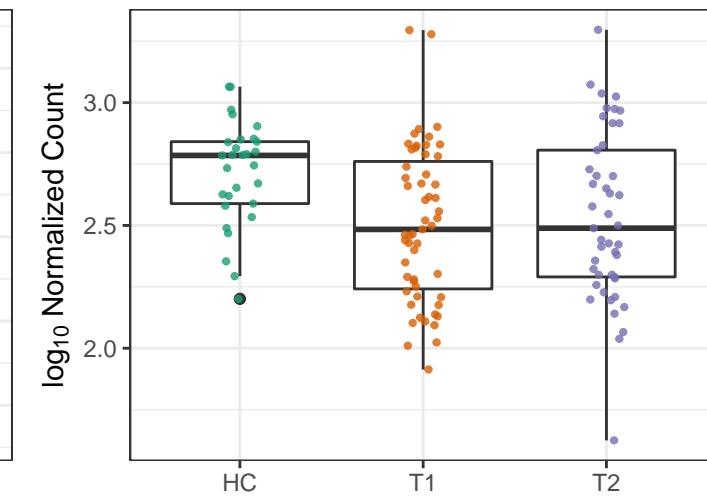


### Polynucleobacter

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.9

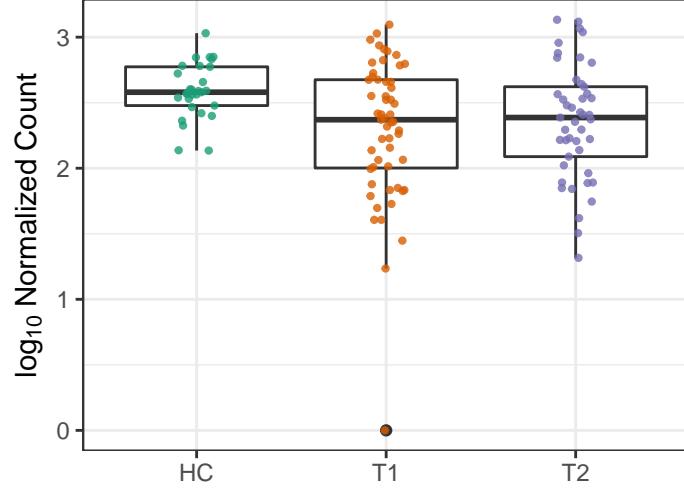


### Unclassified Sphingomonadales Order

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.78

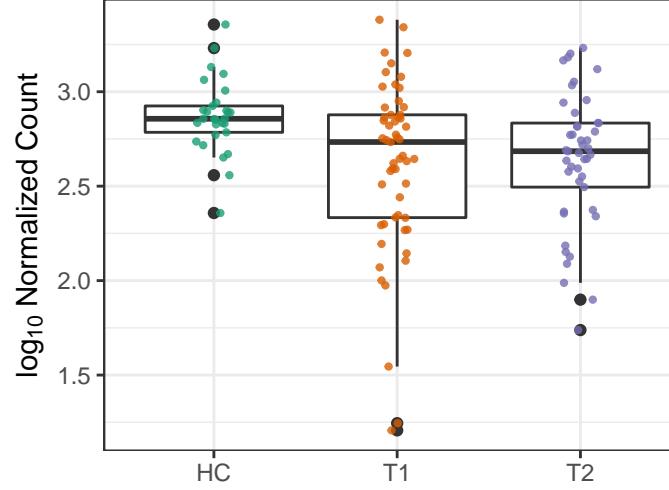


### Magnetospirillum

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.0082

T1 vs. T2 p = 0.79

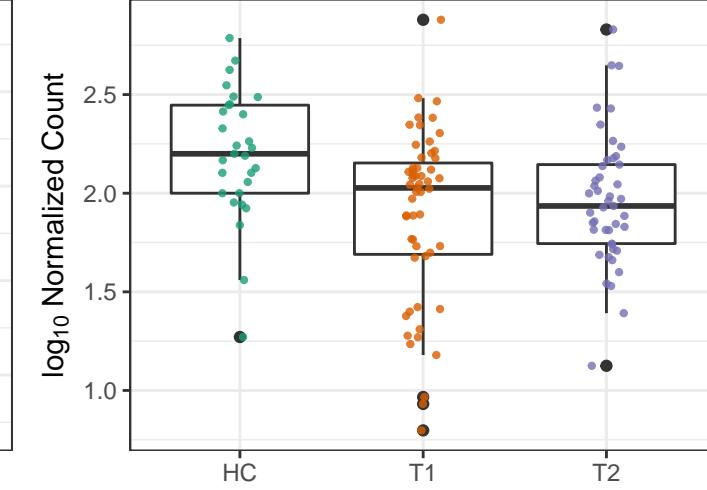


### Vitreoscilla

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.8

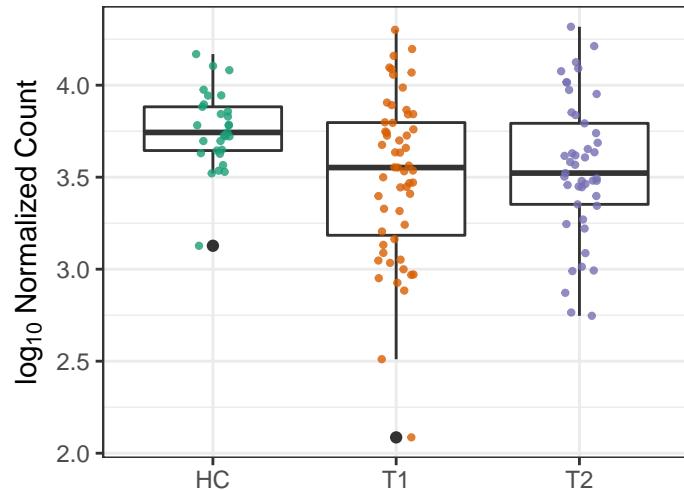


### Unclassified Alphaproteobacteria Class

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.78

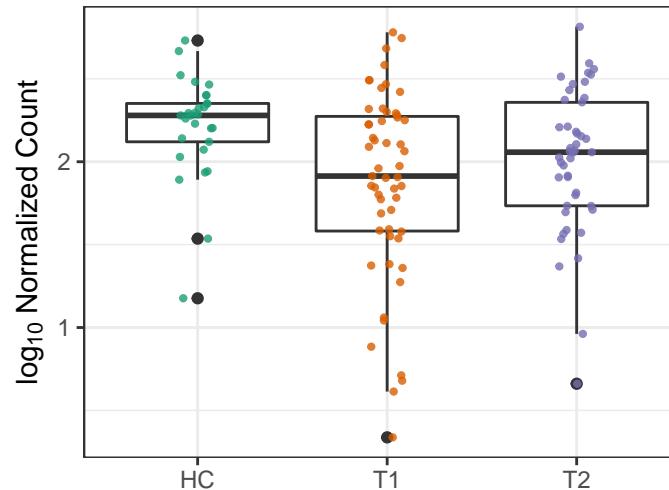


### Laribacter

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.78

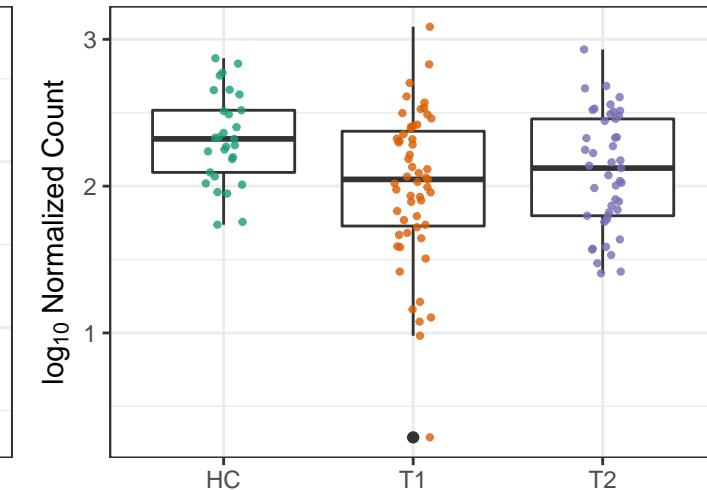


### Ruania

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.78

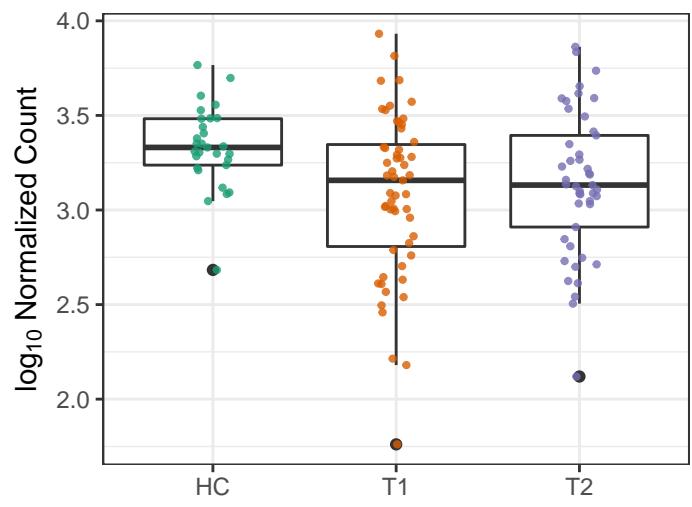


### Achromobacter

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.78

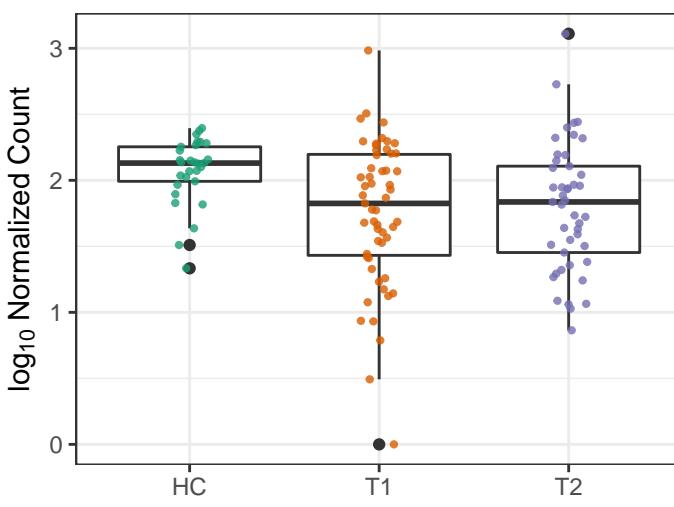


### Pelagibacterium

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.015

T1 vs. T2 p = 0.85

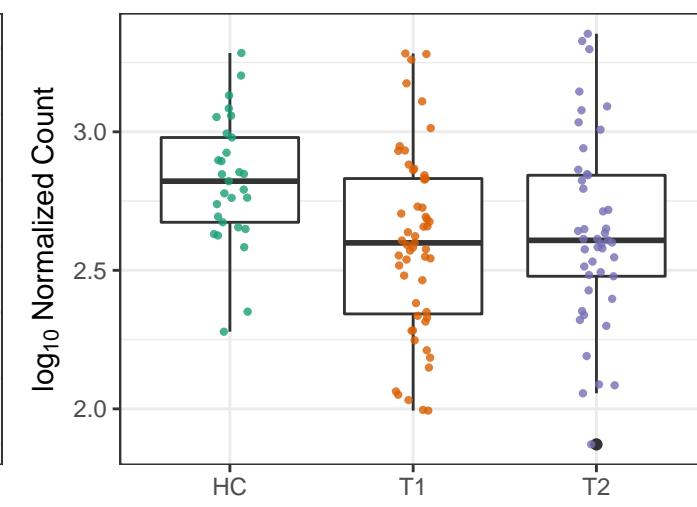


### Phaeobacter

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

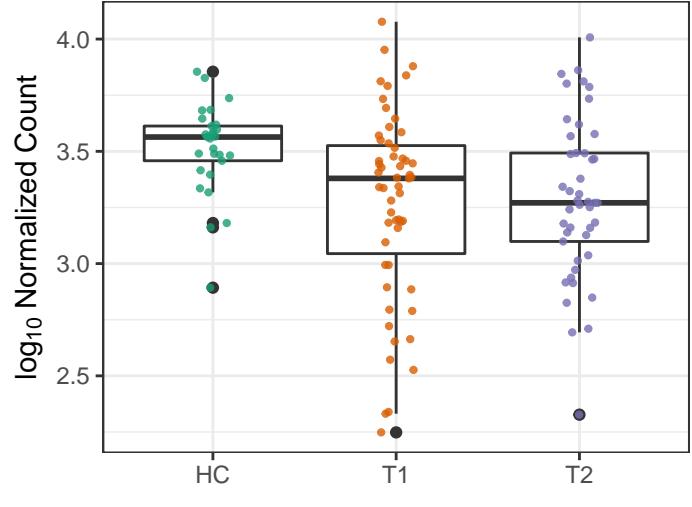


### Unclassified Burkholderiales Order

HC vs. T1 p = 0.0048

HC vs. T2 p = 0.0097

T1 vs. T2 p = 0.78

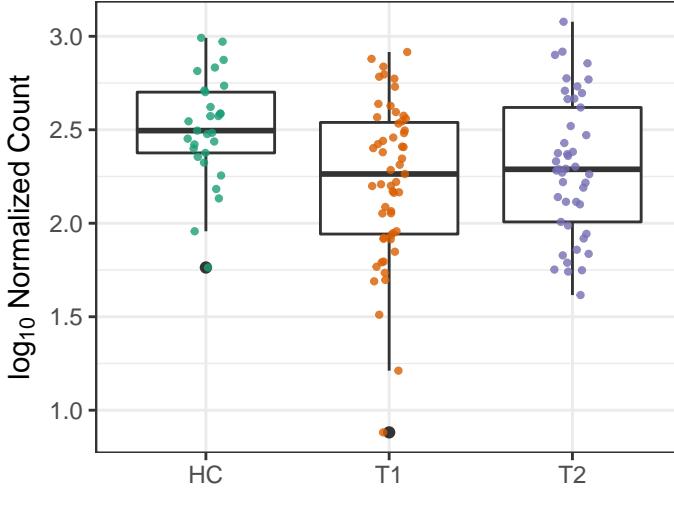


### Candidatus Solibacter

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.026

T1 vs. T2 p = 0.78

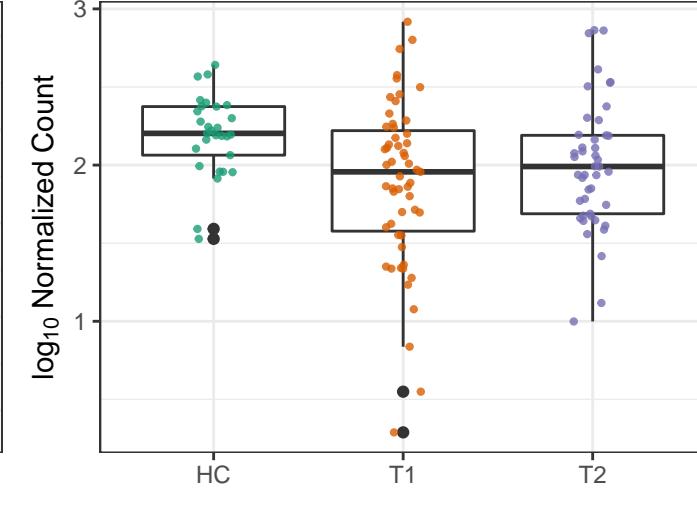


### Methylocella

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.036

T1 vs. T2 p = 0.78

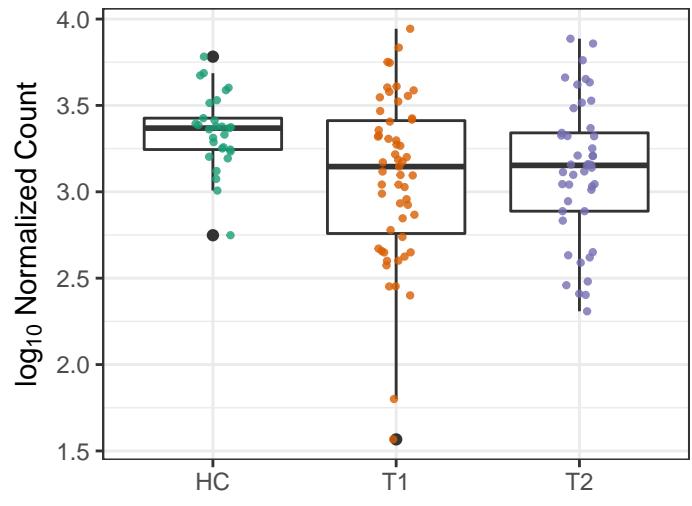


### Methylobacterium

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.015

T1 vs. T2 p = 0.78

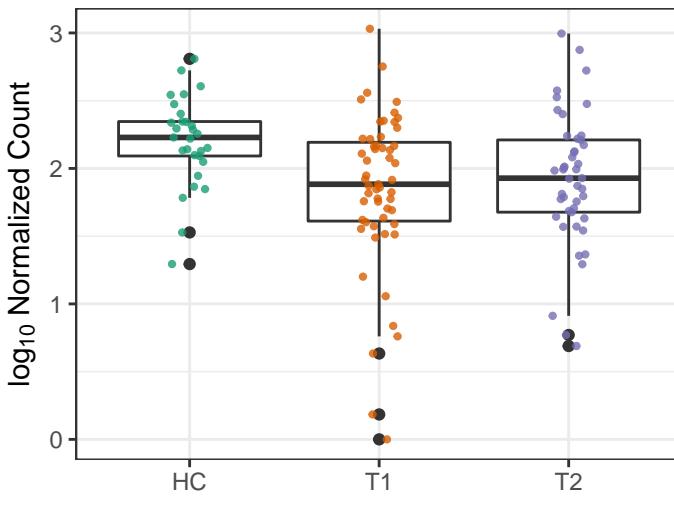


### Paucibacter

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.78

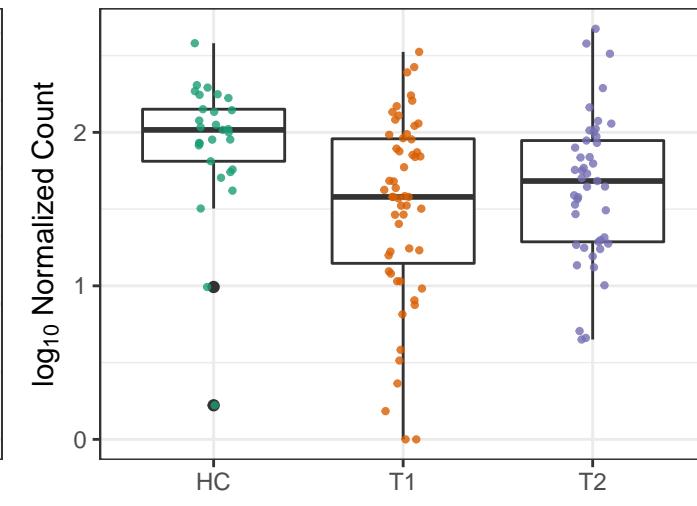


### Unclassified Chlorobiaceae Family

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.78

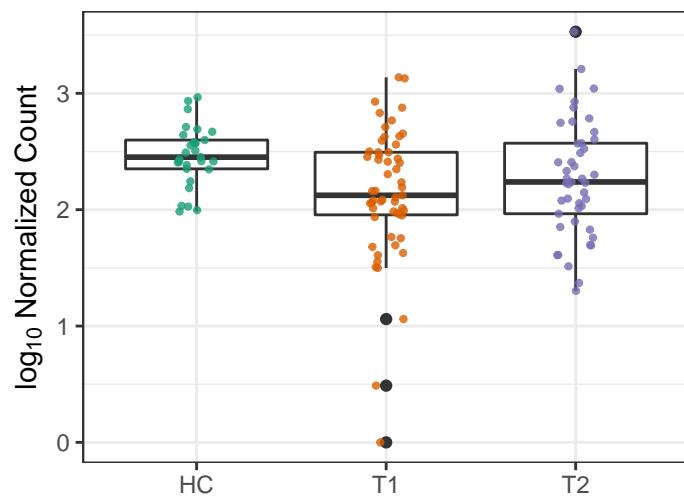


### Catenulispora

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.06

T1 vs. T2 p = 0.78

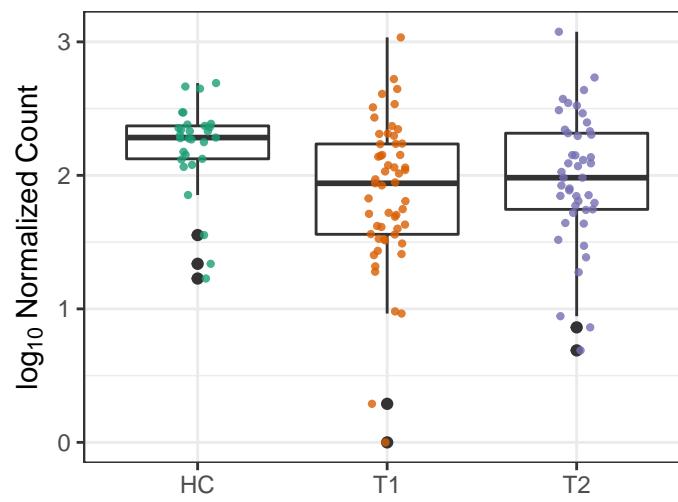


### Hylemonella

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.041

T1 vs. T2 p = 0.78

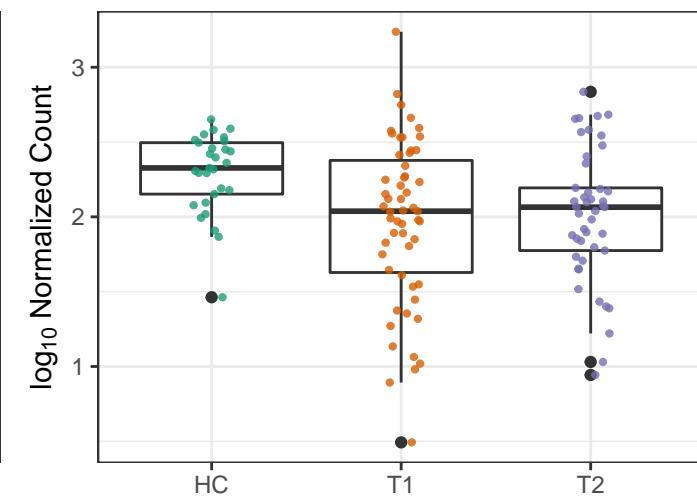


### Mitsuaria

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.01

T1 vs. T2 p = 0.79

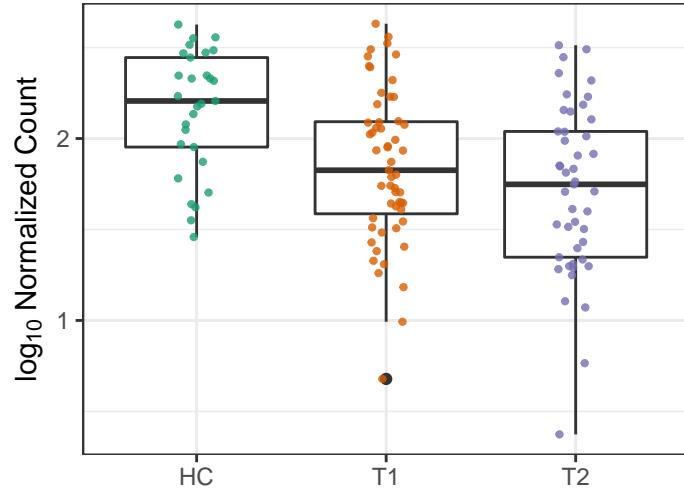


### Ehrlichia

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.0021

T1 vs. T2 p = 0.78

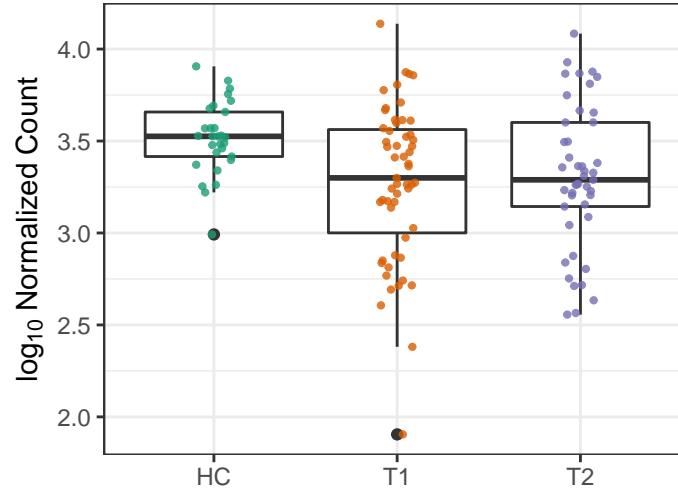


### Sphingomonas

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.78

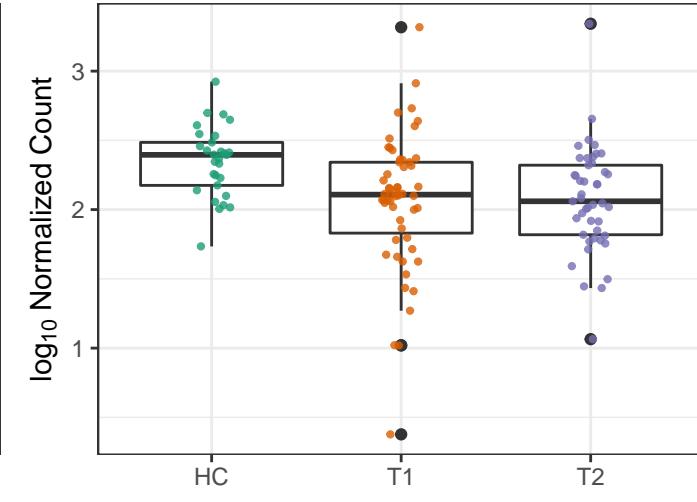


### Brucella

HC vs. T1 p = 0.0049

HC vs. T2 p = 0.0063

T1 vs. T2 p = 0.79

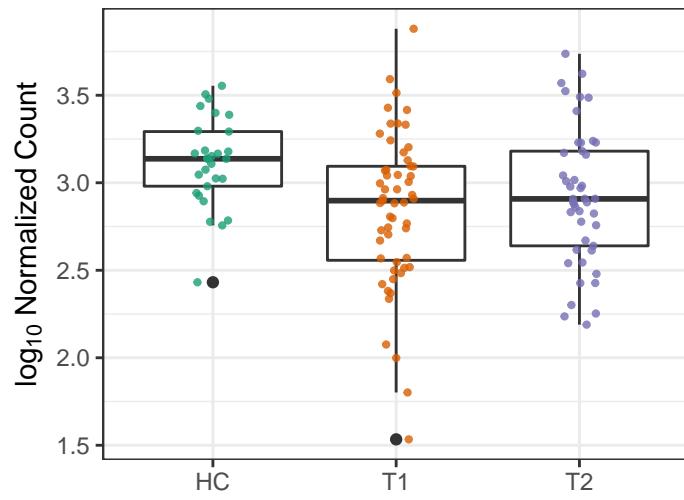


### Gordonia

HC vs. T1 p = 0.005

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.78

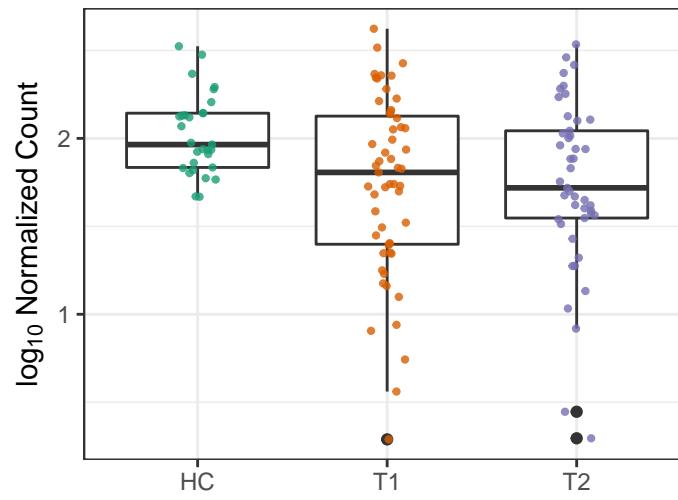


### Sinimarinibacterium

HC vs. T1 p = 0.005

HC vs. T2 p = 0.01

T1 vs. T2 p = 0.9

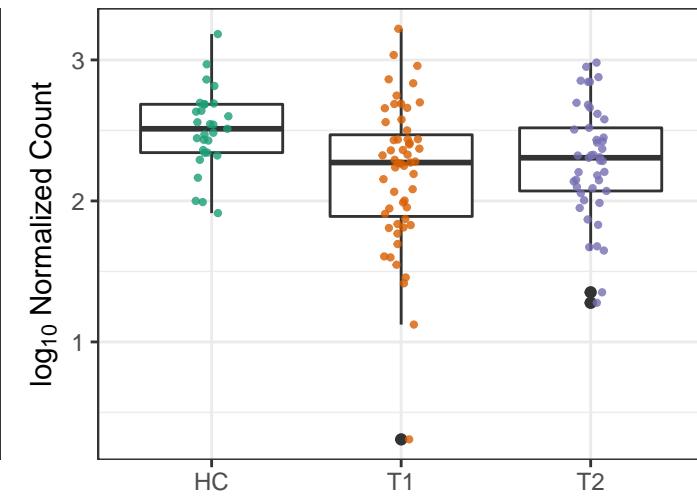


### Spiribacter

HC vs. T1 p = 0.005

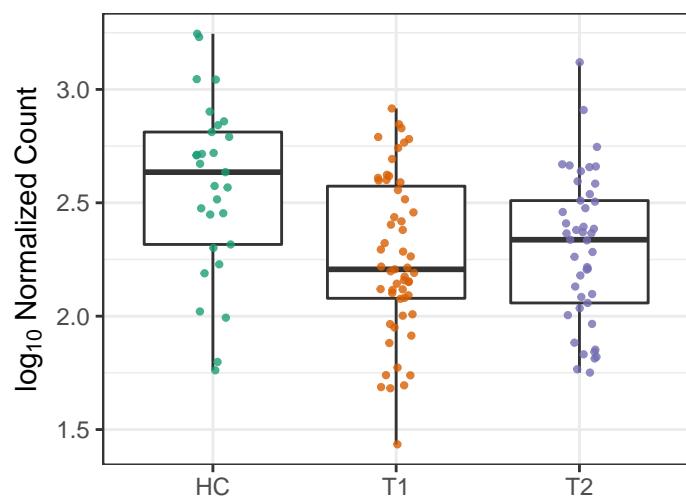
HC vs. T2 p = 0.021

T1 vs. T2 p = 0.78



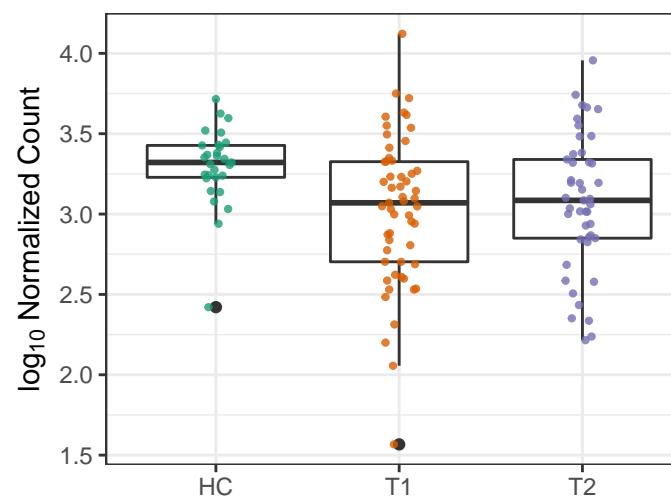
### Unclassified Negativicutes Class

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



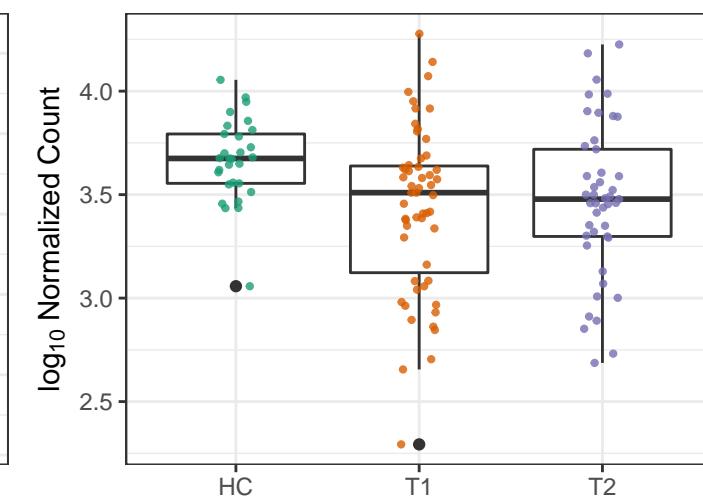
### Actinoplanes

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



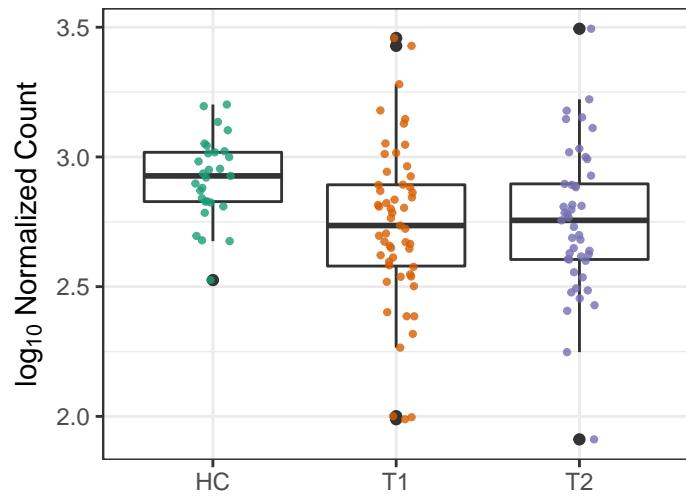
### Bradyrhizobium

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



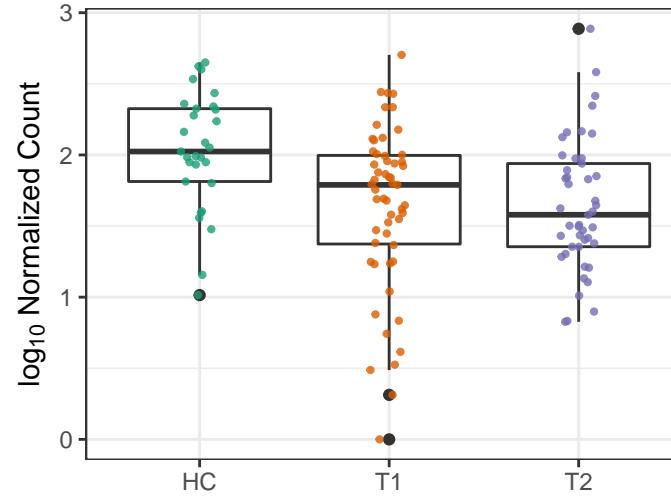
### Exiguobacterium

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.82



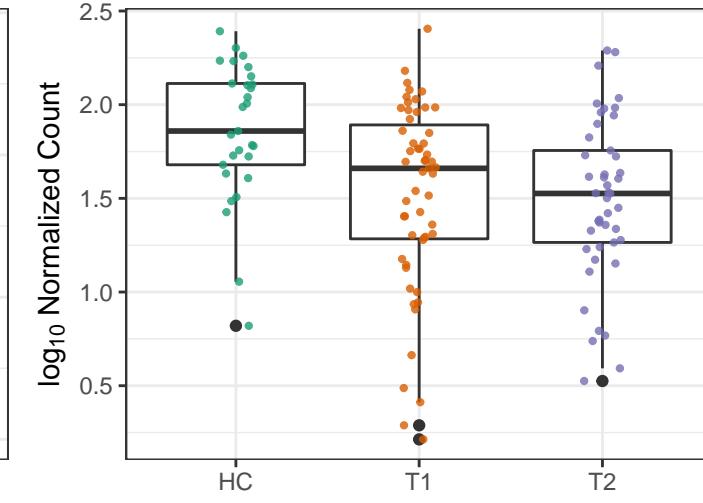
### Gallaecimonas

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.0063  
T1 vs. T2 p = 0.97



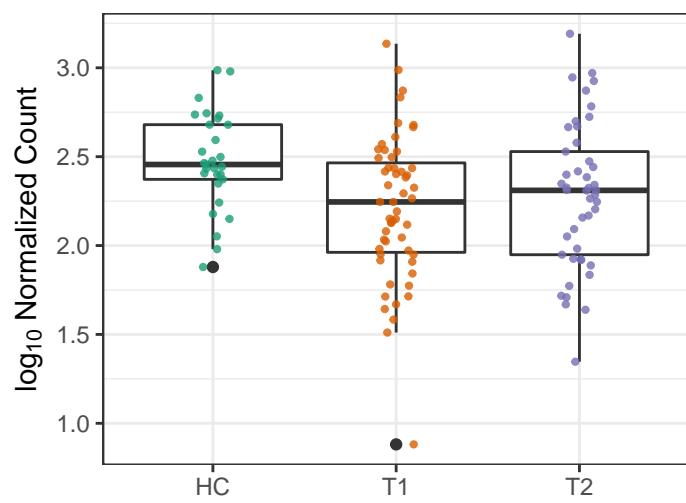
### Paraoerskovia

HC vs. T1 p = 0.005  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.98



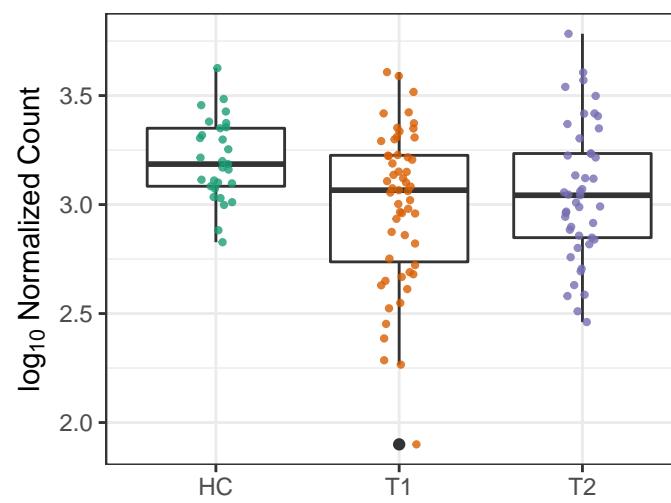
### Acidihalobacter

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.78



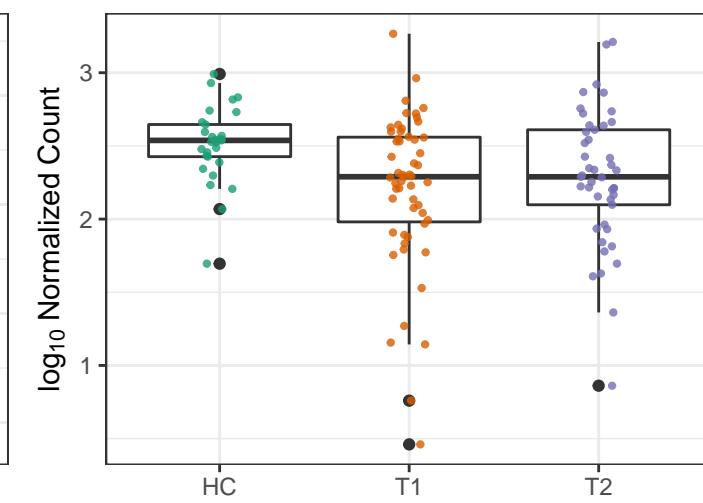
### Agrobacterium

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78



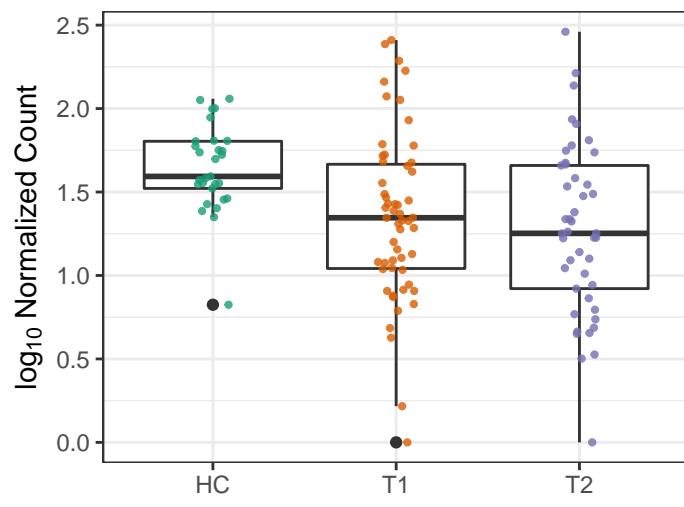
### Blastochloris

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



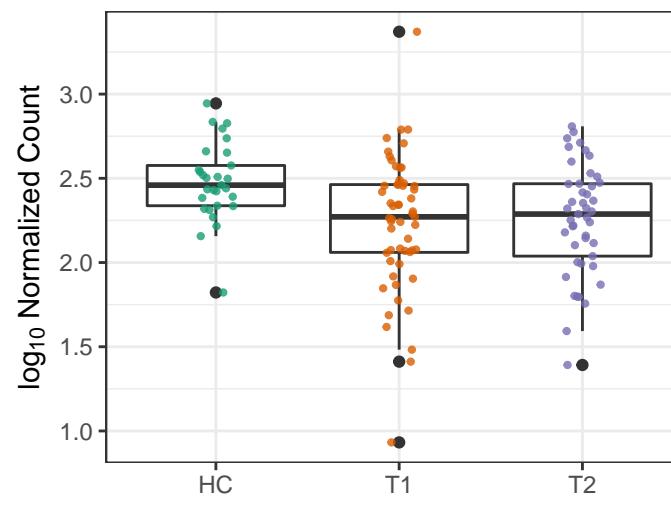
### Candidatus Endolissoclinum

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.78



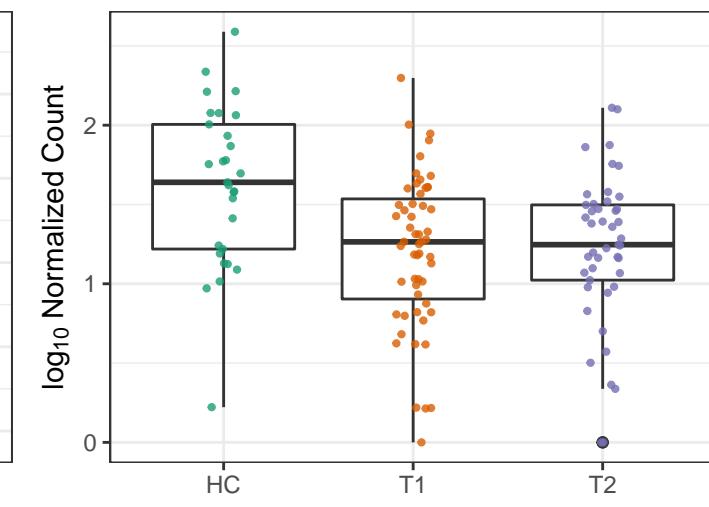
### Granulibacter

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



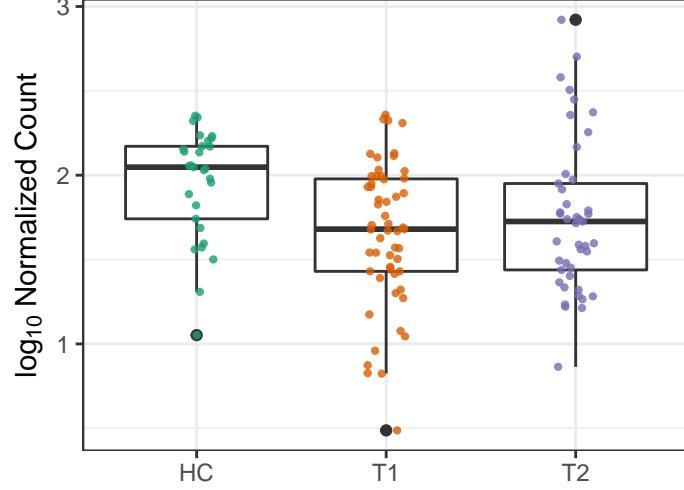
### Oligella

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.97



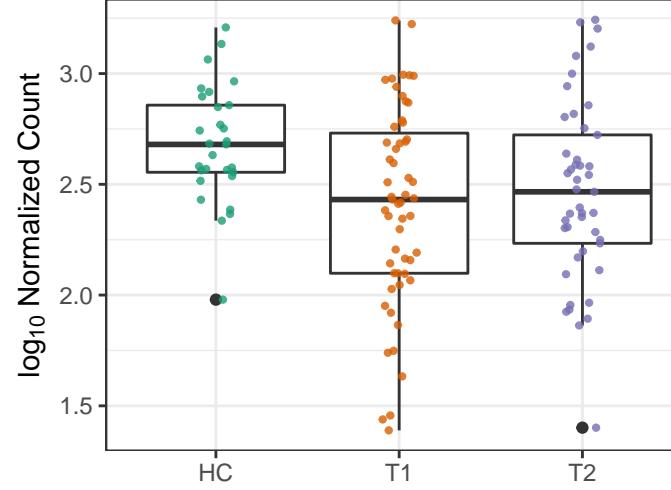
### Pseudohalocynthiaibacter

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.78



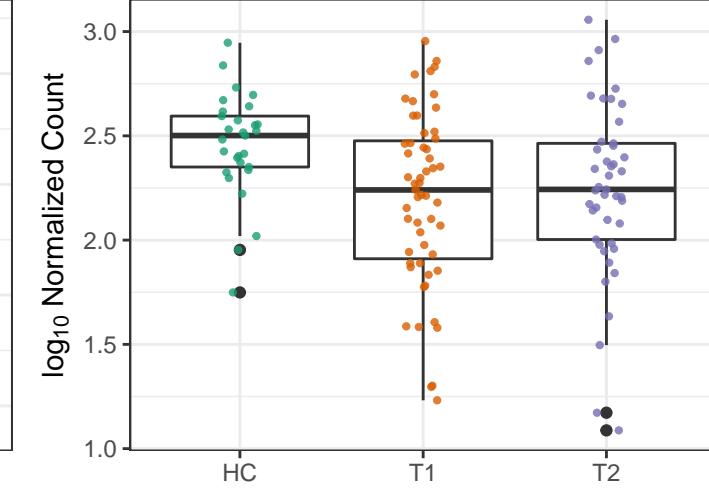
### Saccharopolyspora

HC vs. T1 p = 0.0051  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.78



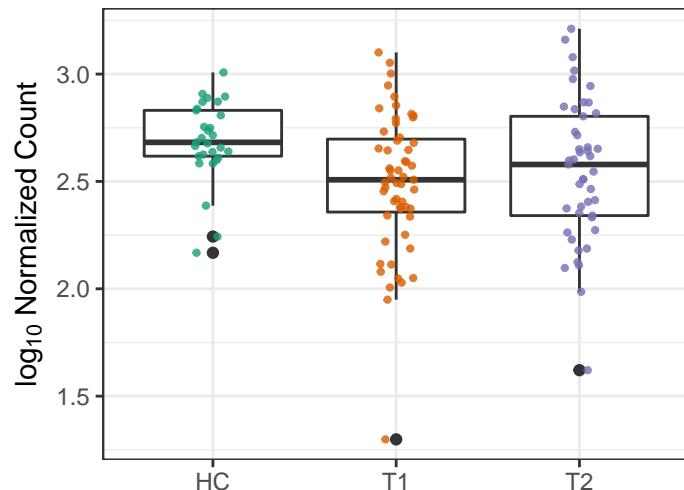
### Gemmamimonas

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



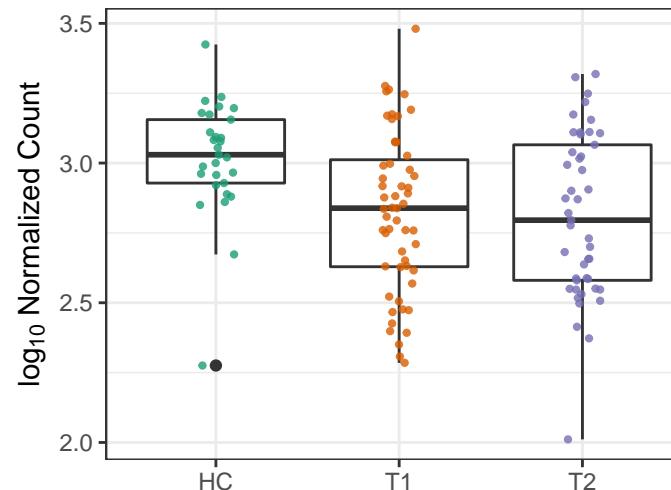
### Methylomonas

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.048  
T1 vs. T2 p = 0.78



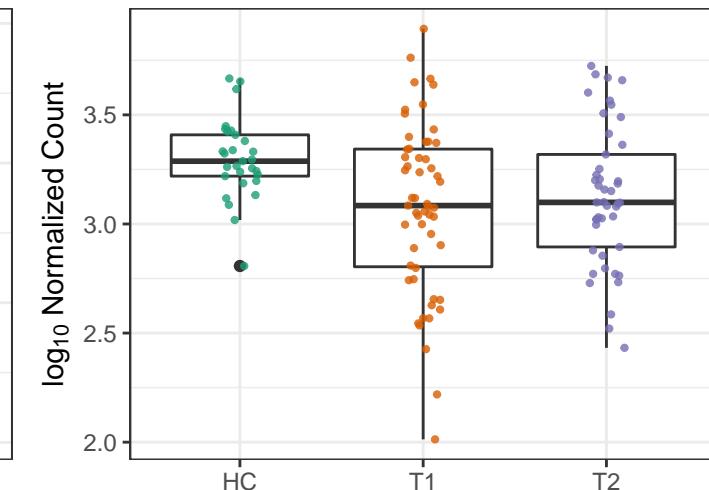
### Nostoc

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.0084  
T1 vs. T2 p = 1



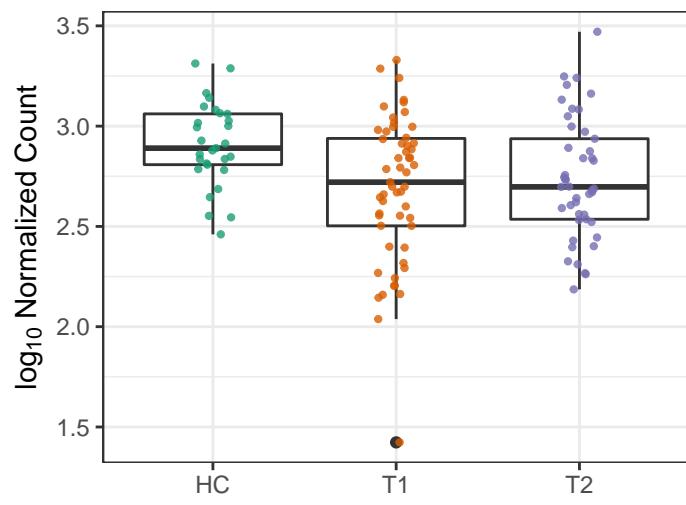
### Synechococcus

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



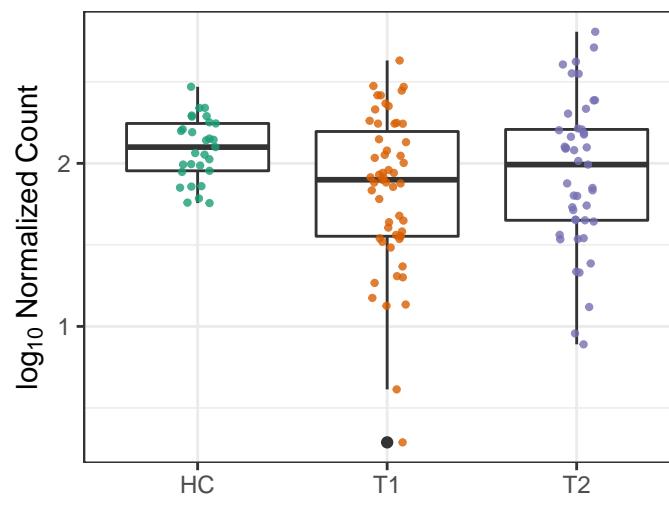
### Tumebacillus

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.78



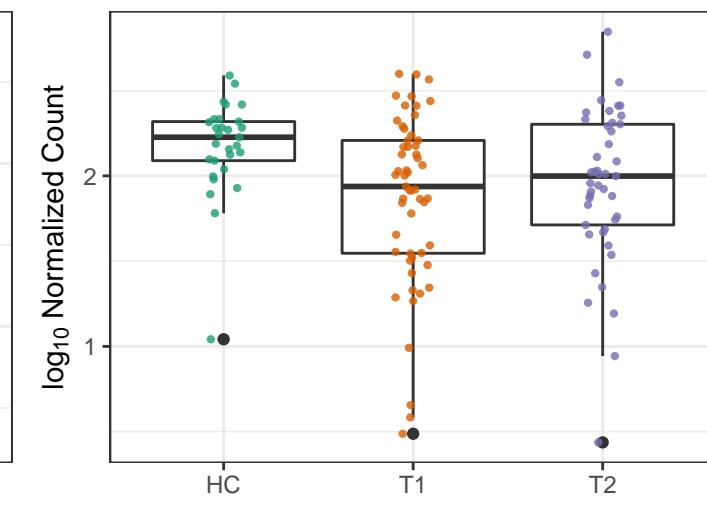
### Unclassified Phycisphaerae Class

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.081  
T1 vs. T2 p = 0.78



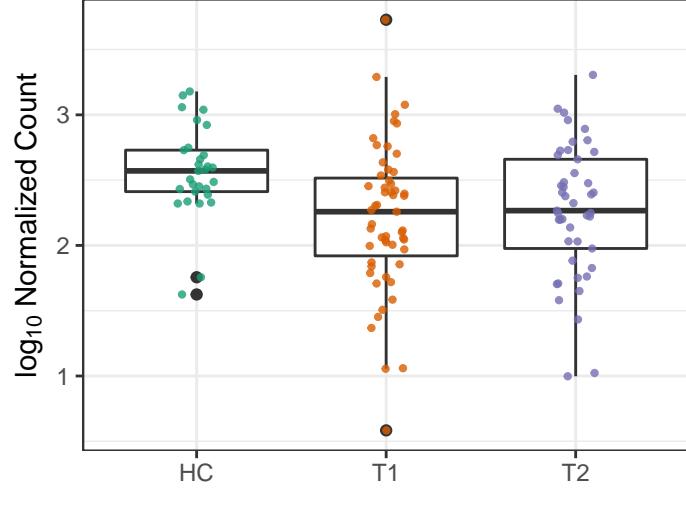
### Verminephrobacter

HC vs. T1 p = 0.0052  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.78



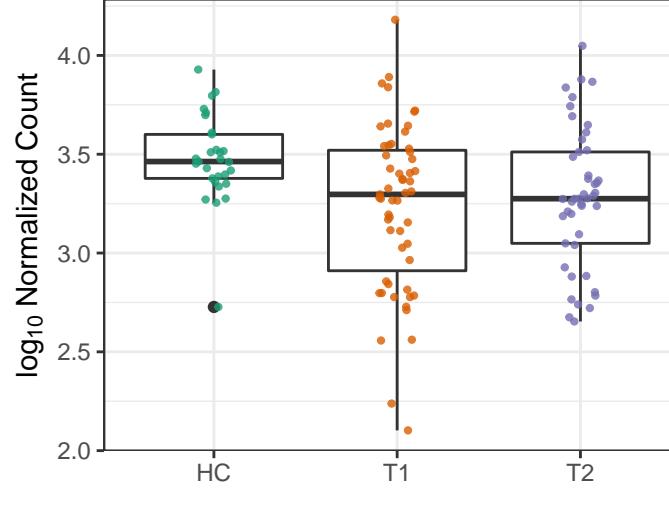
### Ottowia

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



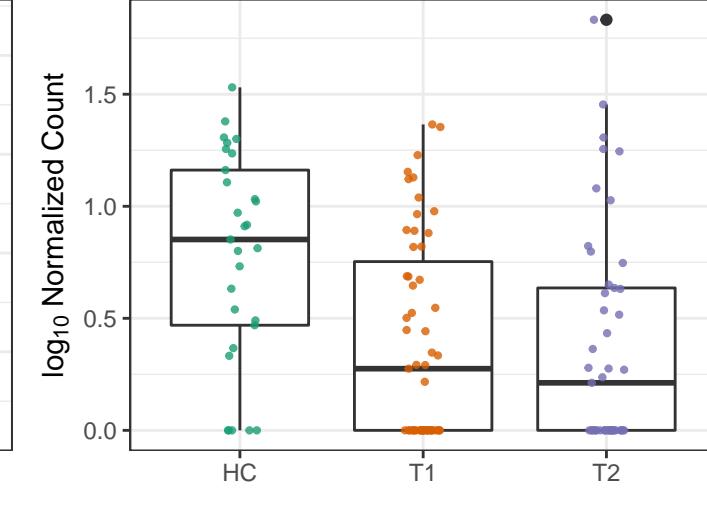
### Rhodococcus

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



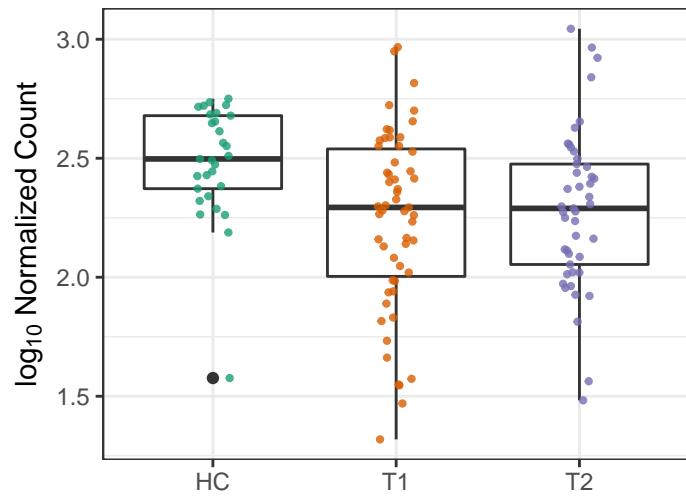
### Unclassified Acidobacteriia Class

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.01  
T1 vs. T2 p = 0.86



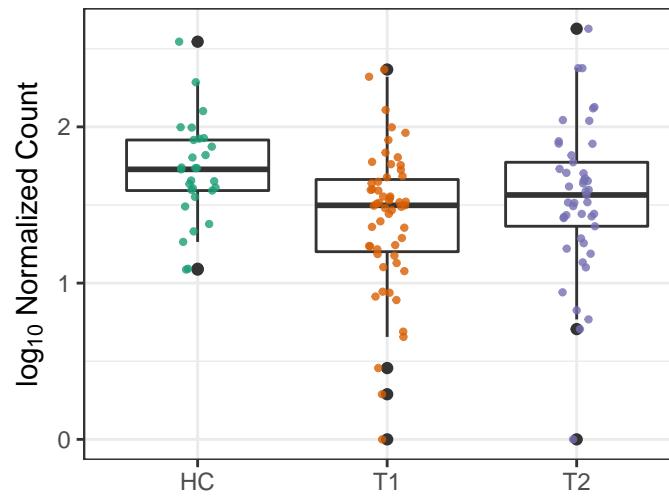
### Candidatus Planktophila

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



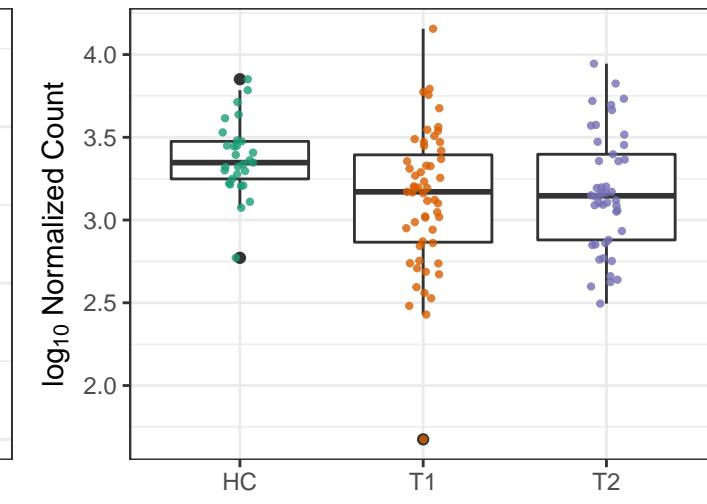
### Waddlia

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.78



### Xanthomonas

HC vs. T1 p = 0.0053  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78

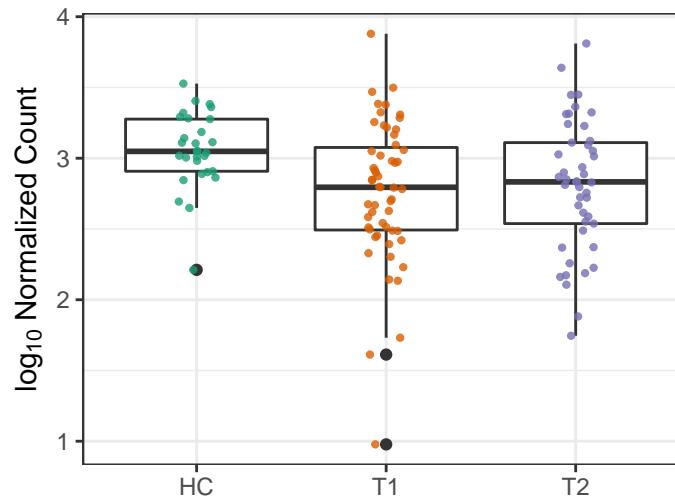


### Cellulomonas

HC vs. T1 p = 0.0054

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.8

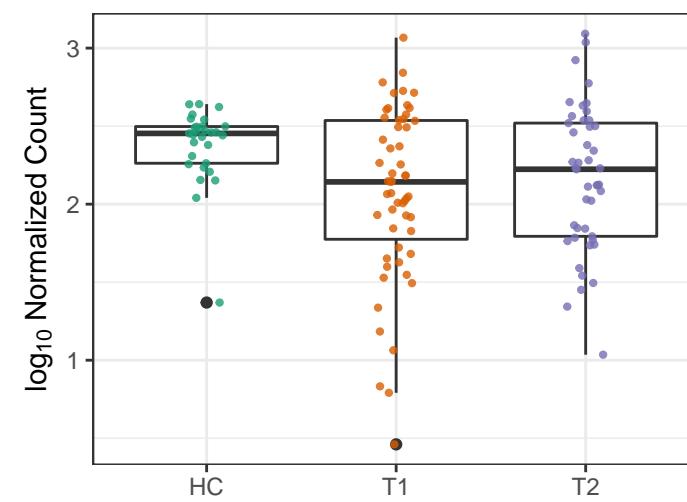


### Kibdelosporangium

HC vs. T1 p = 0.0054

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.78

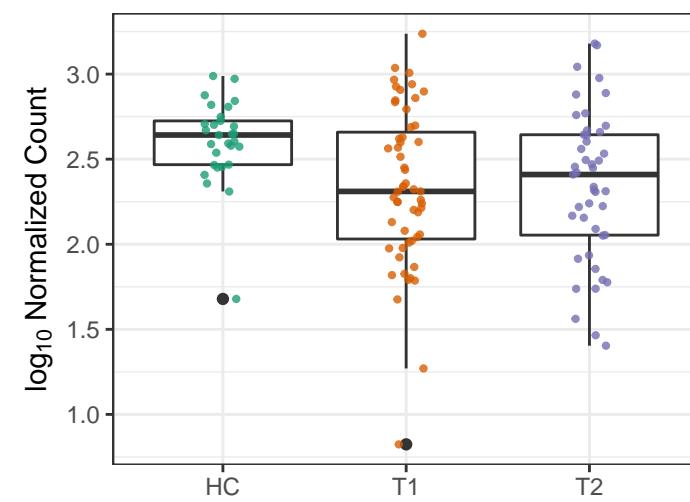


### Dietzia

HC vs. T1 p = 0.0054

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.9

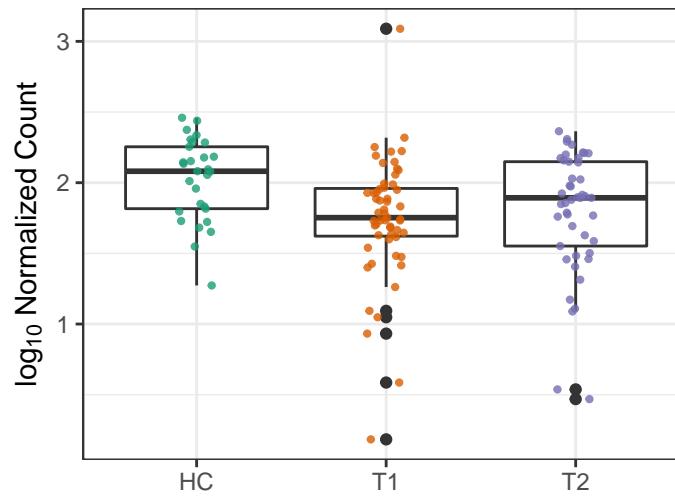


### Rhodobaca

HC vs. T1 p = 0.0055

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.78

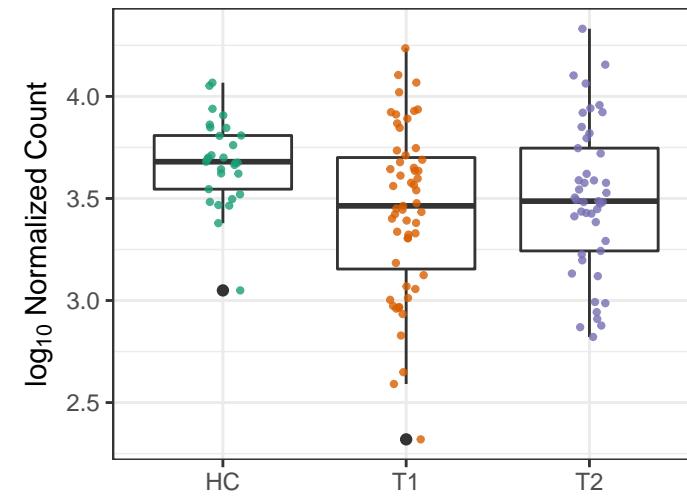


### Mycolicibacterium

HC vs. T1 p = 0.0055

HC vs. T2 p = 0.028

T1 vs. T2 p = 0.78

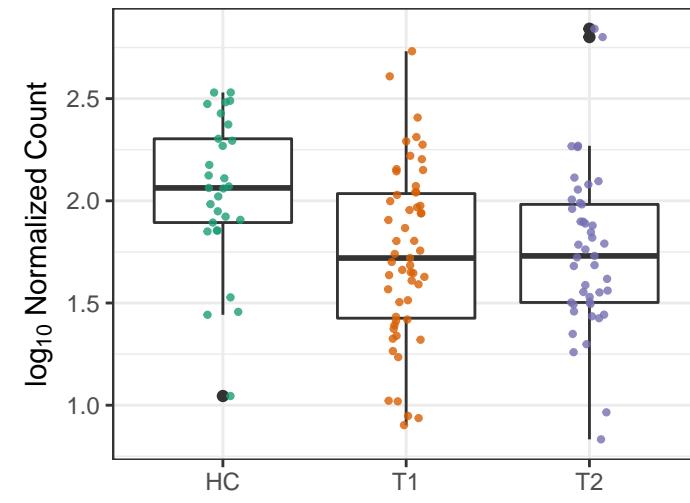


### Rheinheimera

HC vs. T1 p = 0.0055

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.99

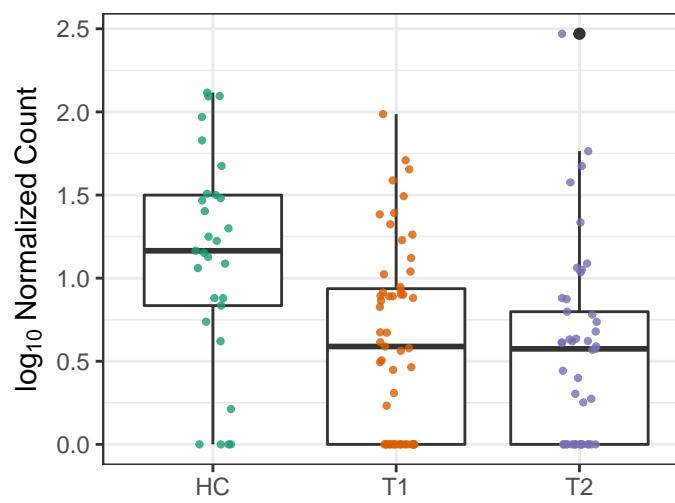


### Unclassified Desulfobacterales Order

HC vs. T1 p = 0.0055

HC vs. T2 p = 0.0054

T1 vs. T2 p = 0.82

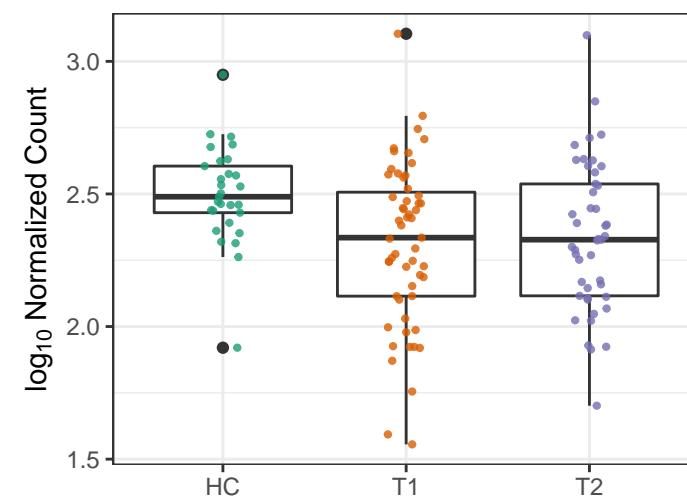


### Rahnella

HC vs. T1 p = 0.0055

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

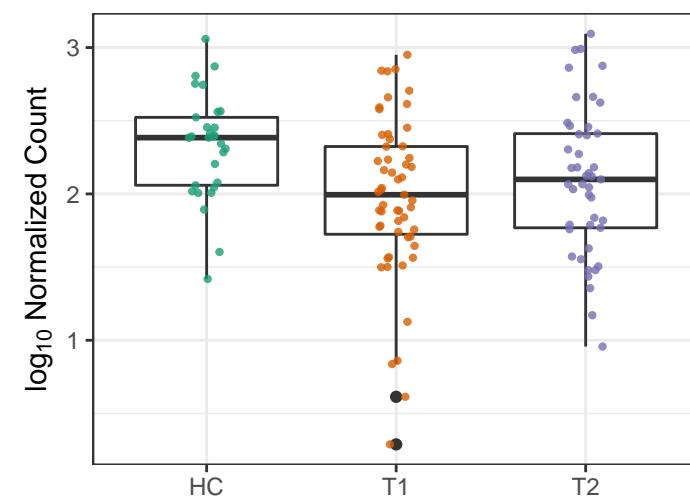


### Kineococcus

HC vs. T1 p = 0.0055

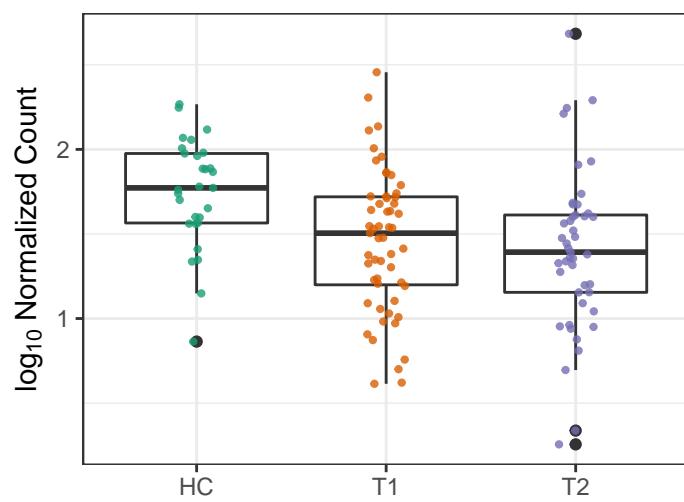
HC vs. T2 p = 0.046

T1 vs. T2 p = 0.78



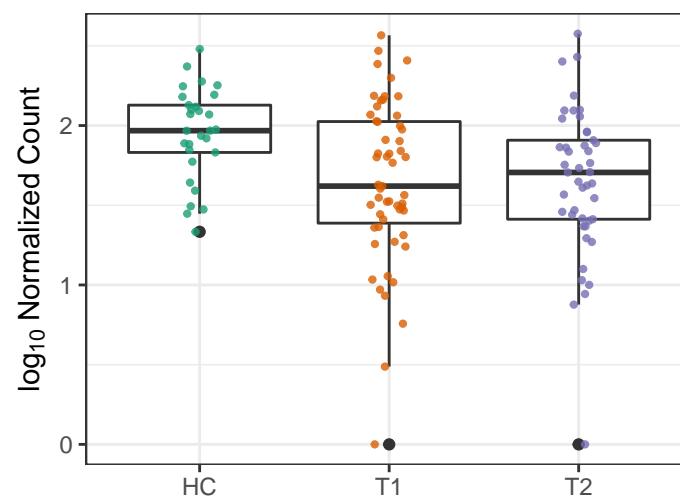
### Nodularia

HC vs. T1 p = 0.0055  
HC vs. T2 p = 0.0061  
T1 vs. T2 p = 0.87



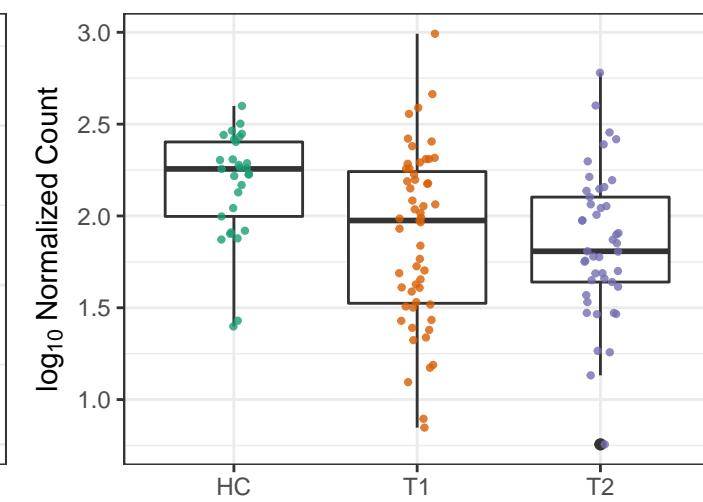
### Pseudolysobacter

HC vs. T1 p = 0.0055  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 1



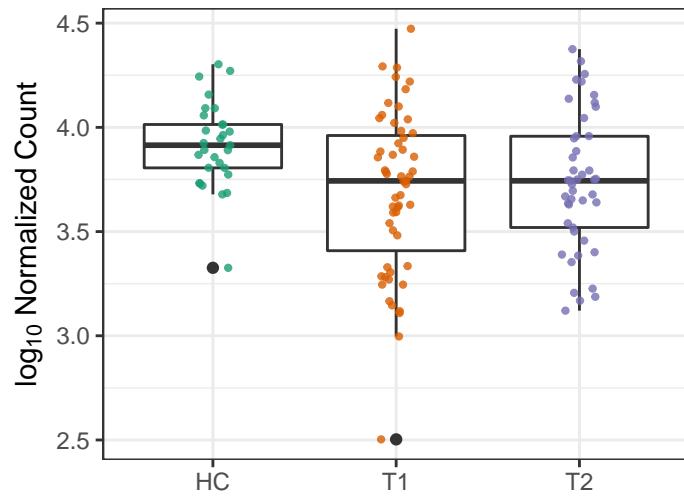
### Anabaena

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.0043  
T1 vs. T2 p = 0.85



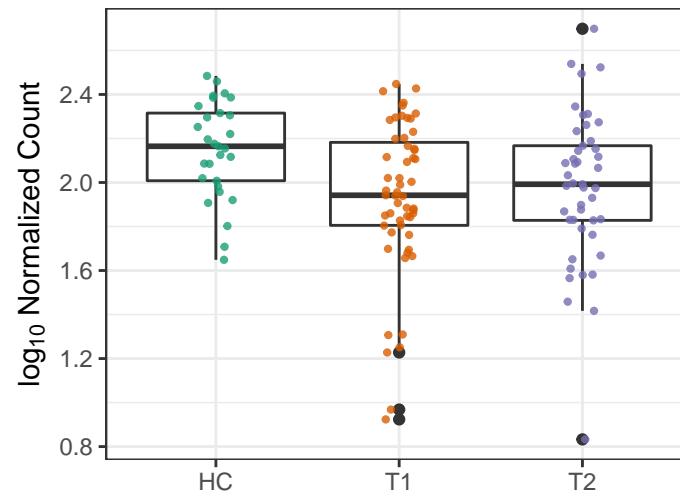
### Corynebacterium

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



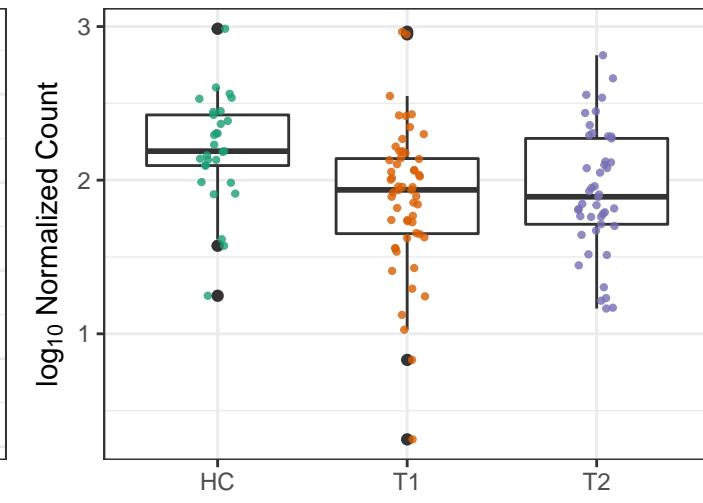
### Eremothecium

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.79



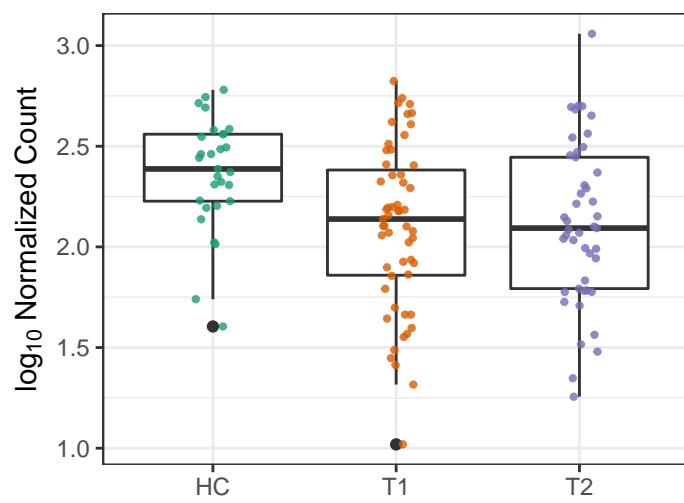
### Nitratirfractor

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



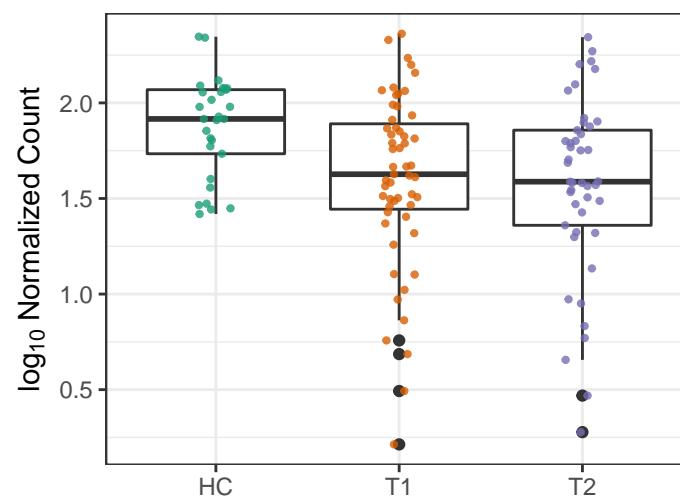
### Salinibacterium

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.81



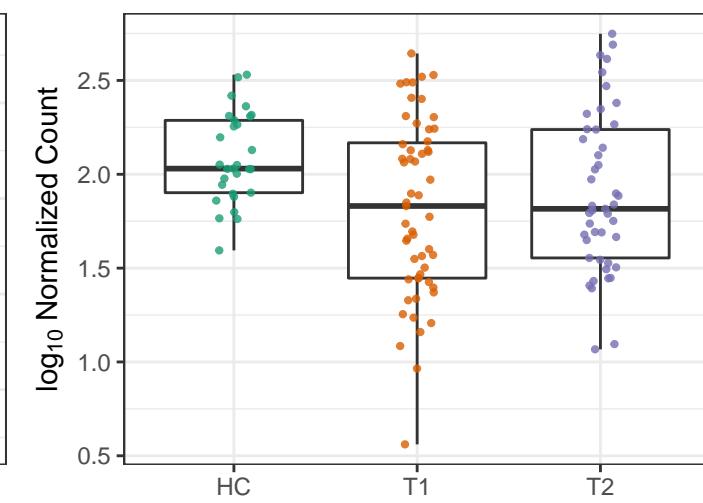
### Saliniradius

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.008  
T1 vs. T2 p = 0.96



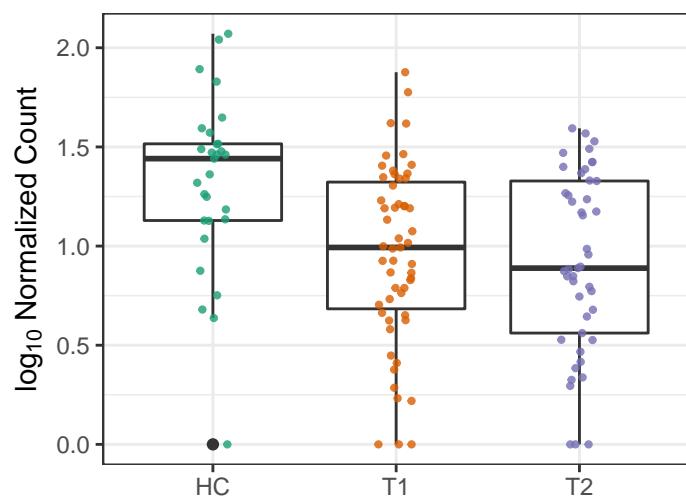
### Methylacidiphilum

HC vs. T1 p = 0.0056  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 0.78



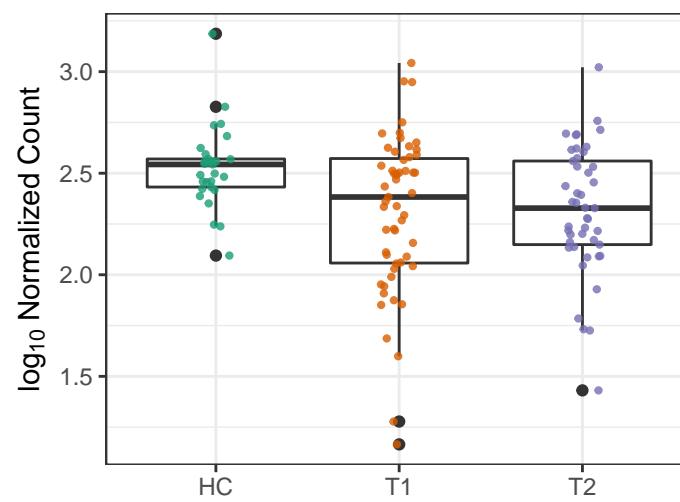
### Frederiksenia

HC vs. T1 p = 0.0057  
HC vs. T2 p = 0.0062  
T1 vs. T2 p = 0.89



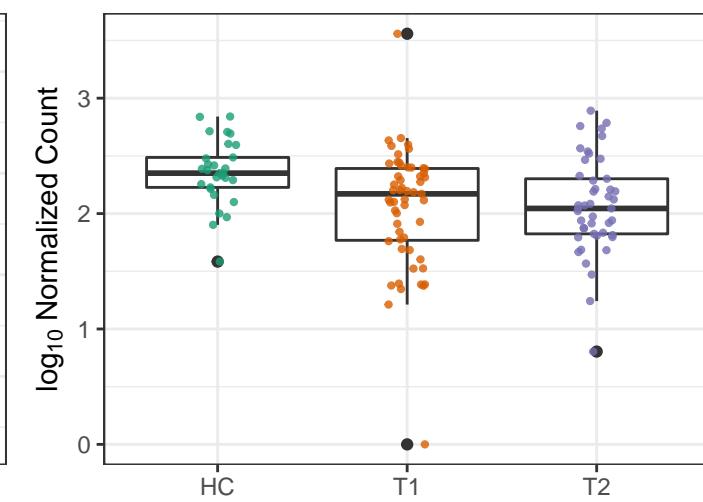
### Thalassospira

HC vs. T1 p = 0.0057  
HC vs. T2 p = 0.0087  
T1 vs. T2 p = 0.89



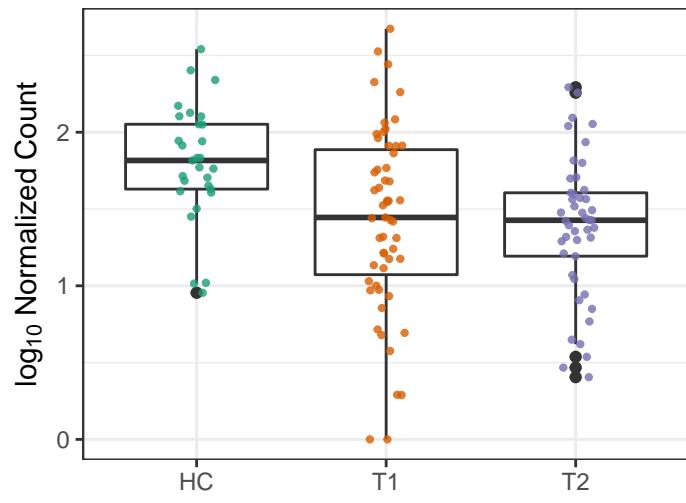
### Vulgatibacter

HC vs. T1 p = 0.0057  
HC vs. T2 p = 0.0087  
T1 vs. T2 p = 0.79



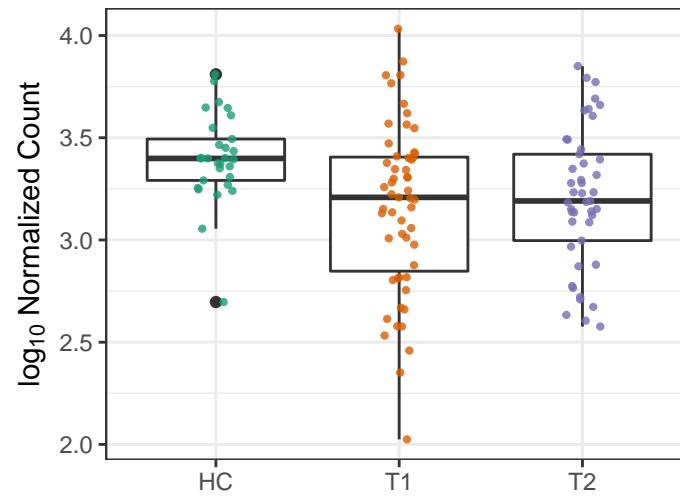
### Acidimicrobium

HC vs. T1 p = 0.0057  
HC vs. T2 p = 0.0032  
T1 vs. T2 p = 0.83



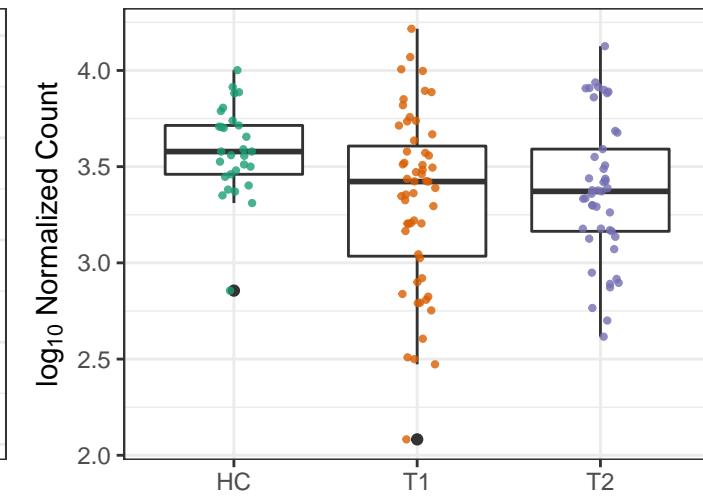
### Bordetella

HC vs. T1 p = 0.0058  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



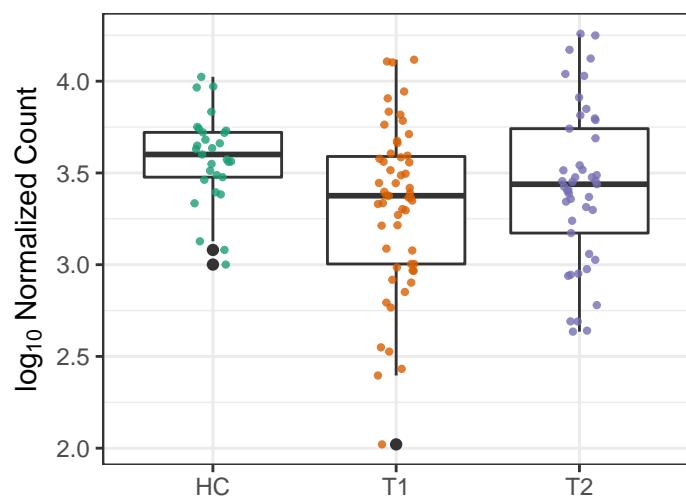
### Deinococcus

HC vs. T1 p = 0.0058  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



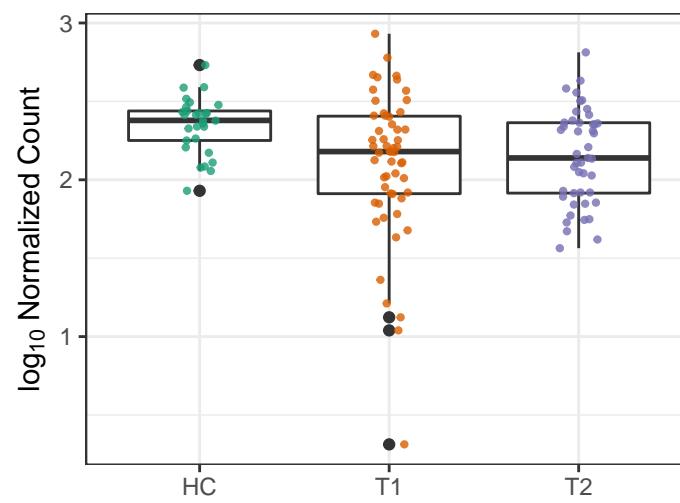
### Ethanologenens

HC vs. T1 p = 0.0058  
HC vs. T2 p = 0.094  
T1 vs. T2 p = 0.78



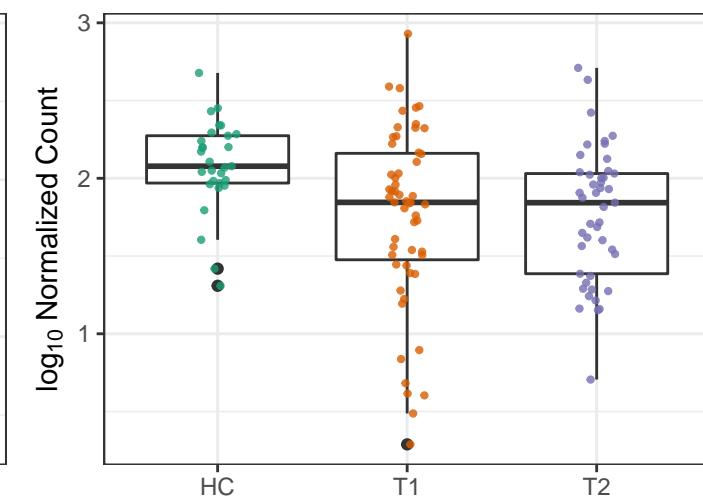
### Paraoceanicella

HC vs. T1 p = 0.0058  
HC vs. T2 p = 0.0083  
T1 vs. T2 p = 0.79



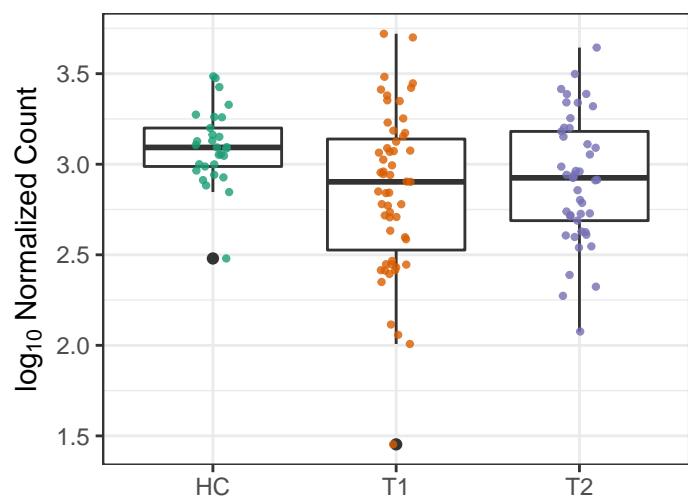
### Thioclava

HC vs. T1 p = 0.0058  
HC vs. T2 p = 0.0059  
T1 vs. T2 p = 0.92



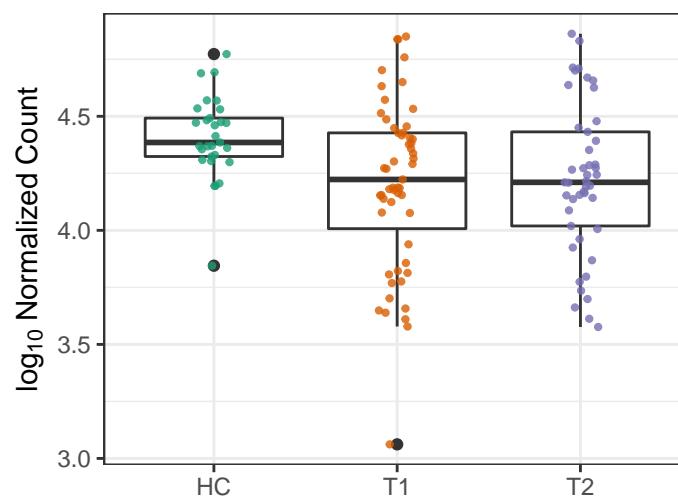
### Ralstonia

HC vs. T1 p = 0.0059  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.78



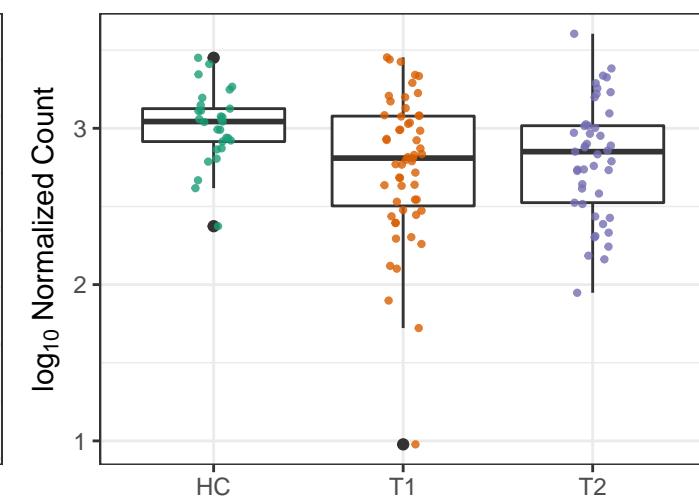
### Unclassified Proteobacteria Phylum

HC vs. T1 p = 0.0059  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



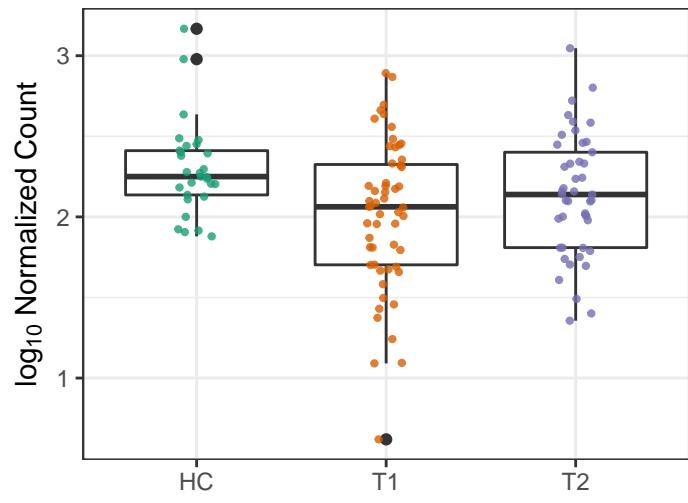
### Unclassified Corynebacteriales Order

HC vs. T1 p = 0.0059  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



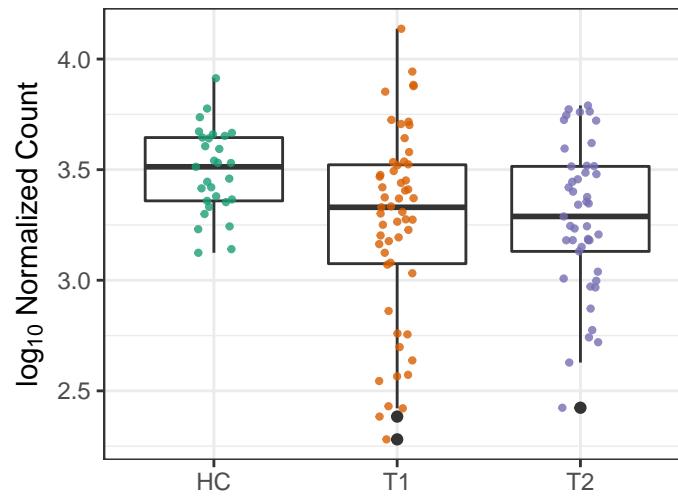
### Halorhodospira

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.071  
T1 vs. T2 p = 0.78



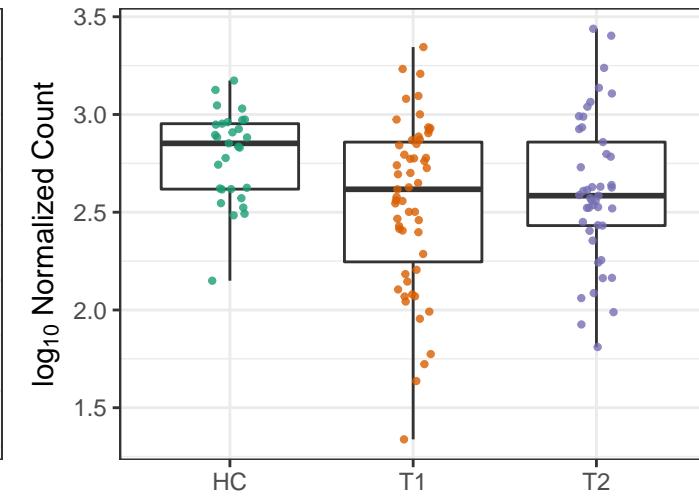
### Hymenobacter

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.0099  
T1 vs. T2 p = 0.81



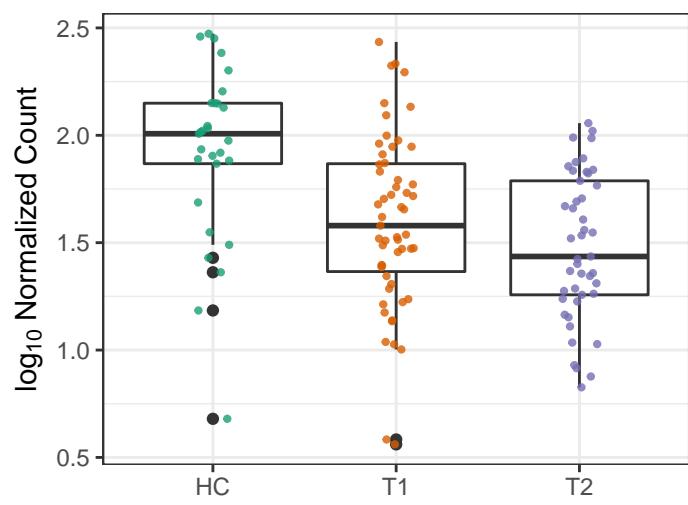
### Roseovarius

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.78



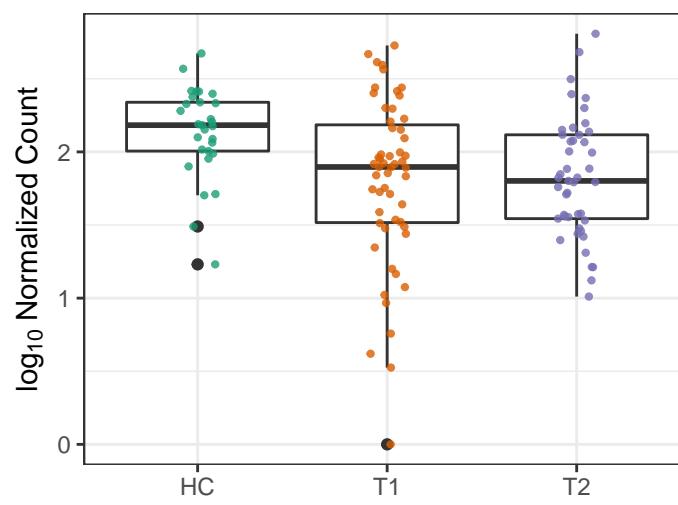
### Unclassified Holosporaceae Family

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.002  
T1 vs. T2 p = 0.78



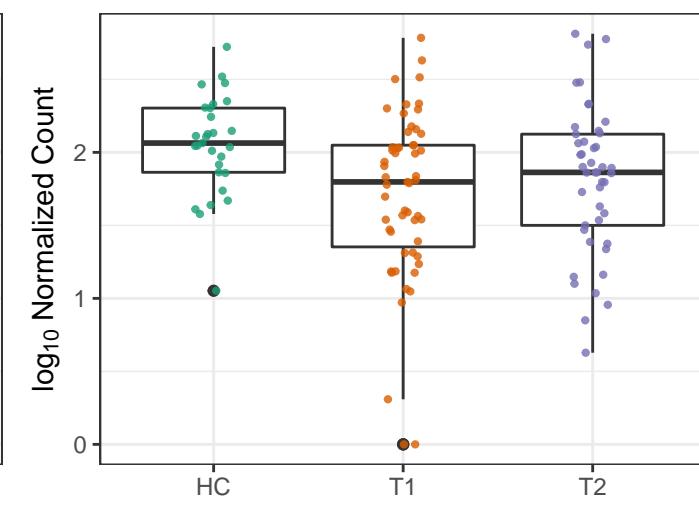
### Epibacterium

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.0063  
T1 vs. T2 p = 0.89



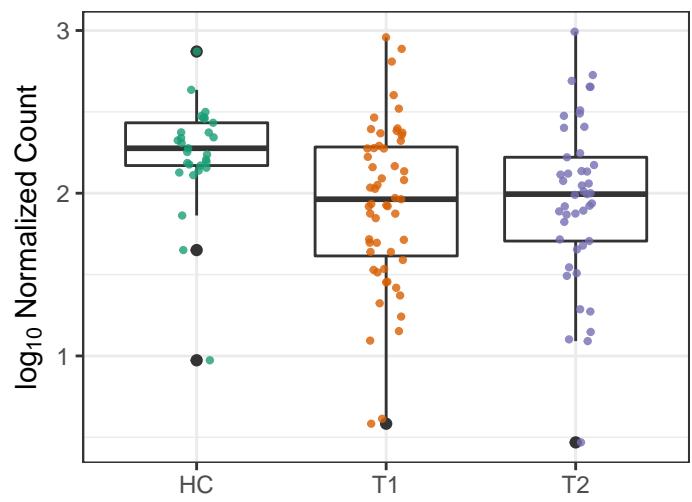
### Unclassified Nocardioidaceae Family

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.78



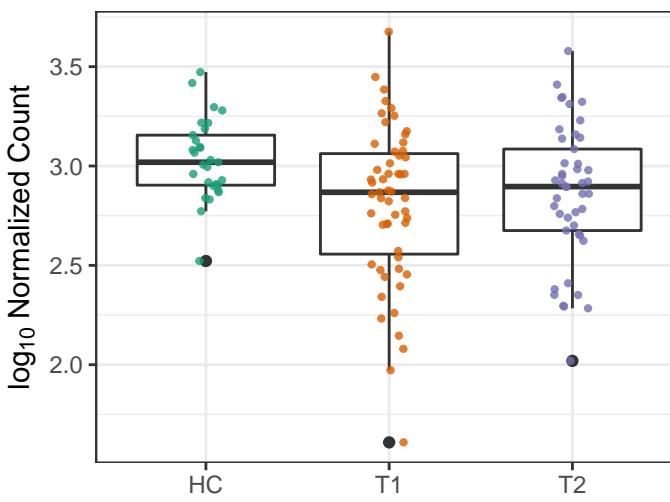
### Rhodoplanes

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.83



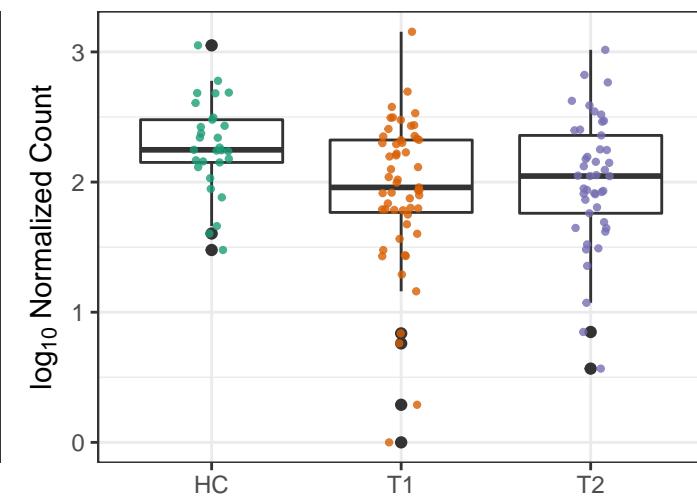
### Sinorhizobium

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



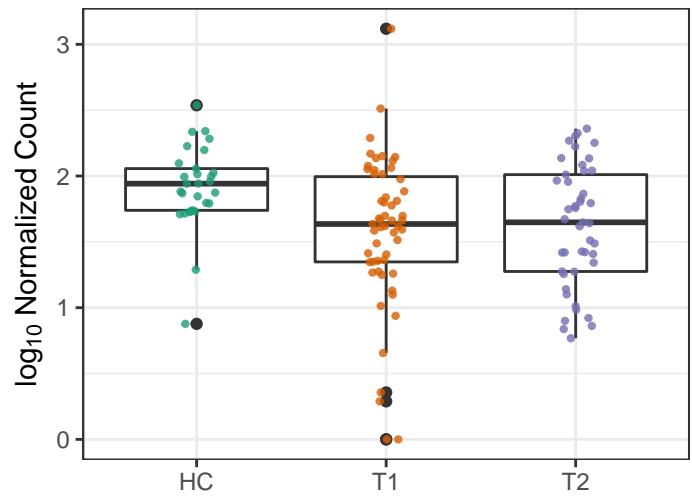
### Haloactinobacterium

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



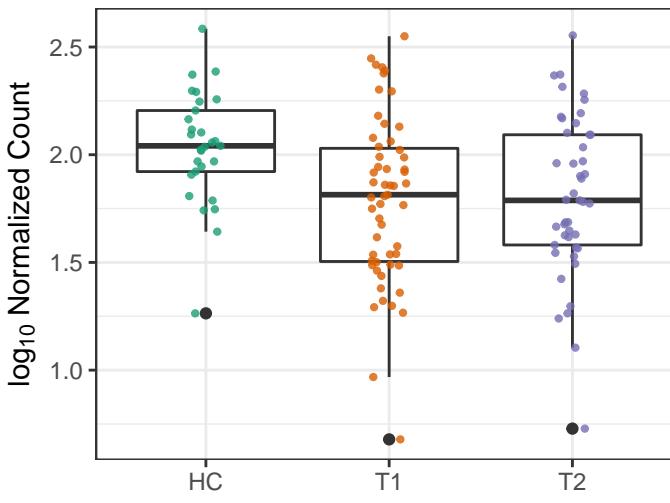
### Ferriphaselus

HC vs. T1 p = 0.006  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



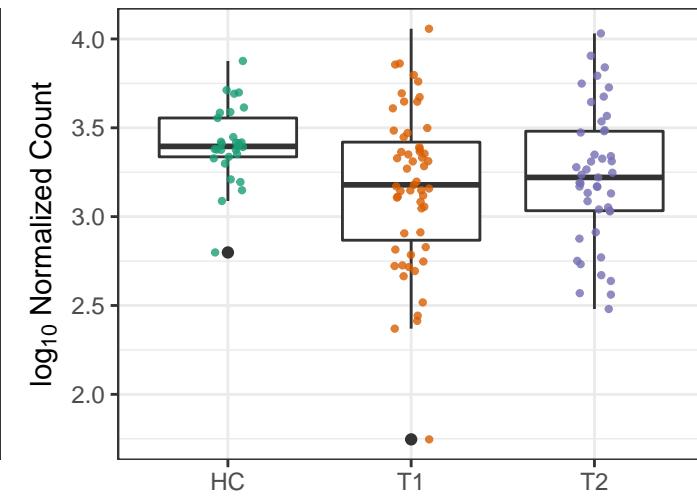
### Desulfotalea

HC vs. T1 p = 0.0061  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.87



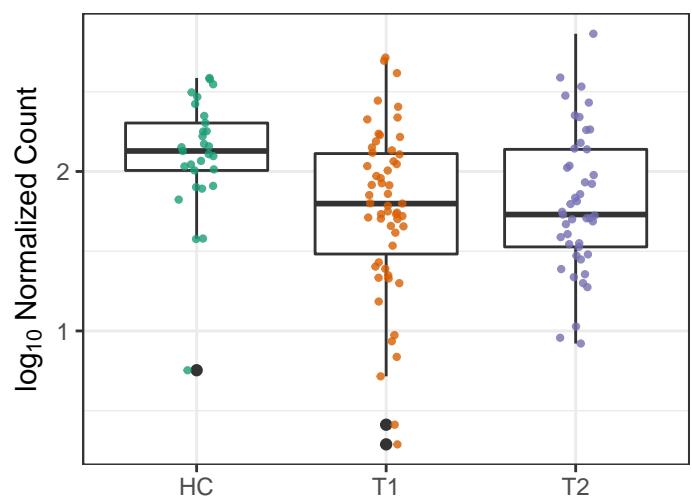
### Azospirillum

HC vs. T1 p = 0.0061  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



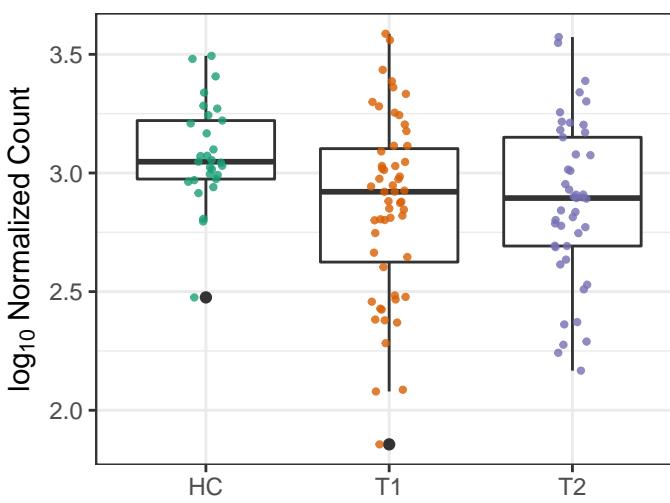
### Chitinolyticbacter

HC vs. T1 p = 0.0061  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.86



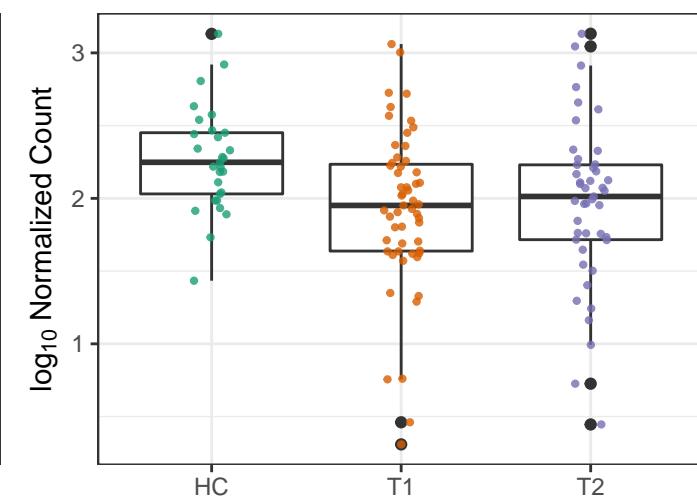
### Pseudodesulfovibrio

HC vs. T1 p = 0.0061  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.83



### Salipiger

HC vs. T1 p = 0.0061  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.78

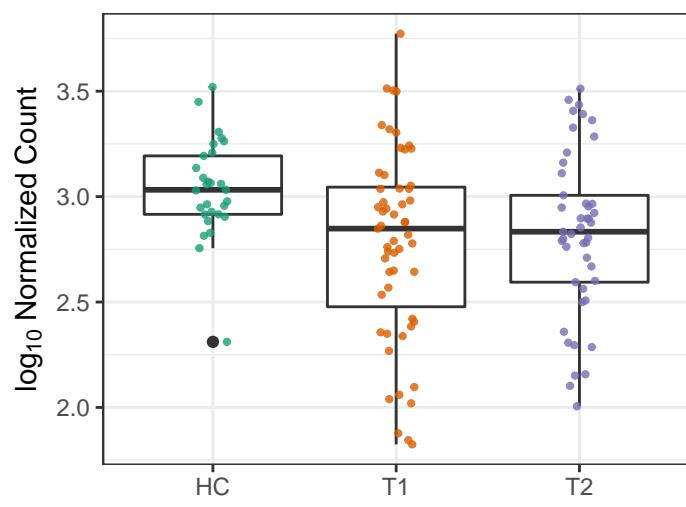


### Hydrogenophaga

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

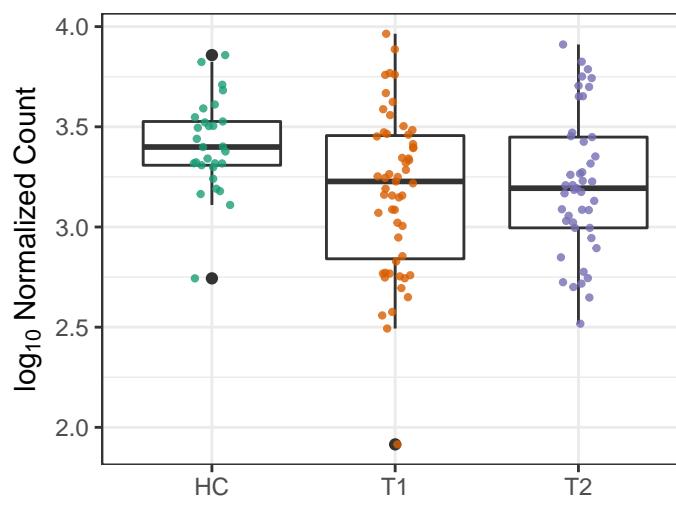


### Arthrobacter

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.78

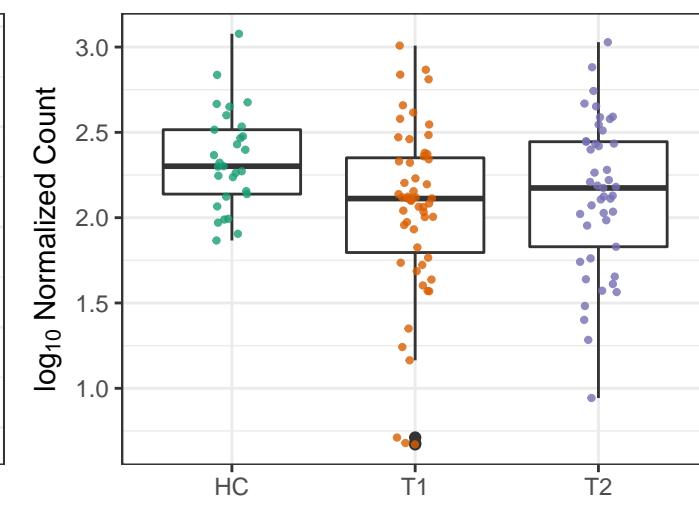


### Chondromyces

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.78

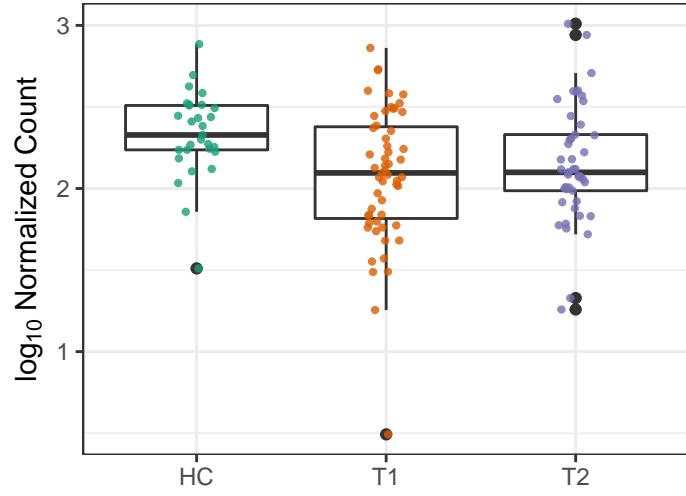


### Desulfobacterium

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.038

T1 vs. T2 p = 0.78

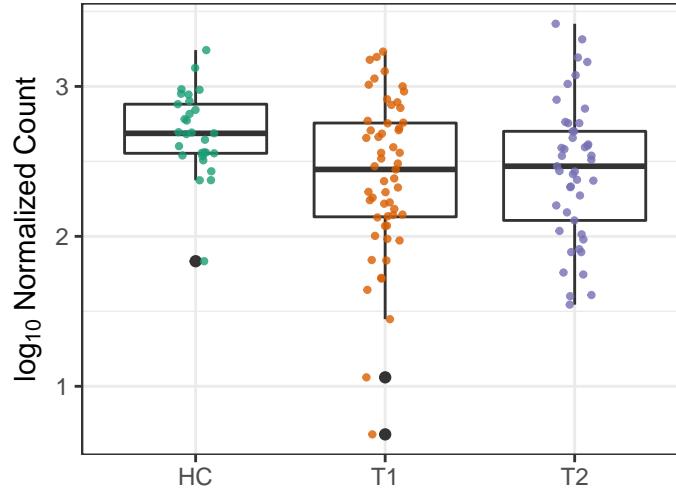


### Serinicoccus

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.79

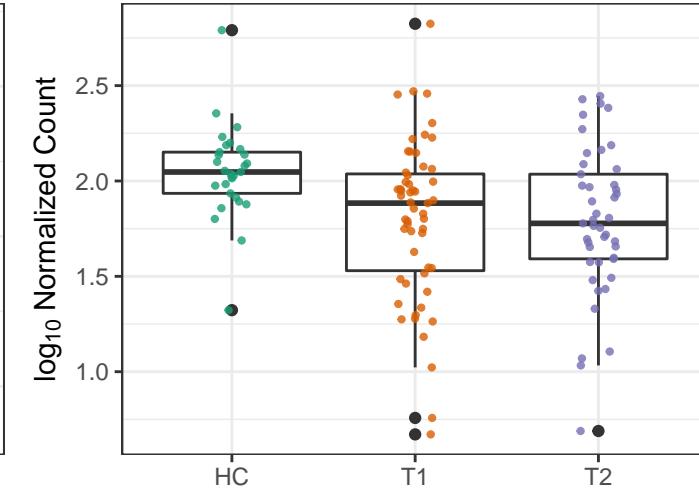


### Crateriforma

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.0087

T1 vs. T2 p = 0.9

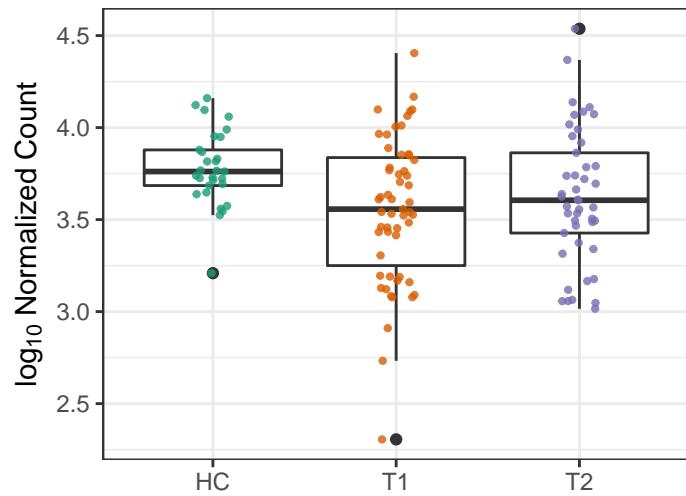


### Burkholderia

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.048

T1 vs. T2 p = 0.78

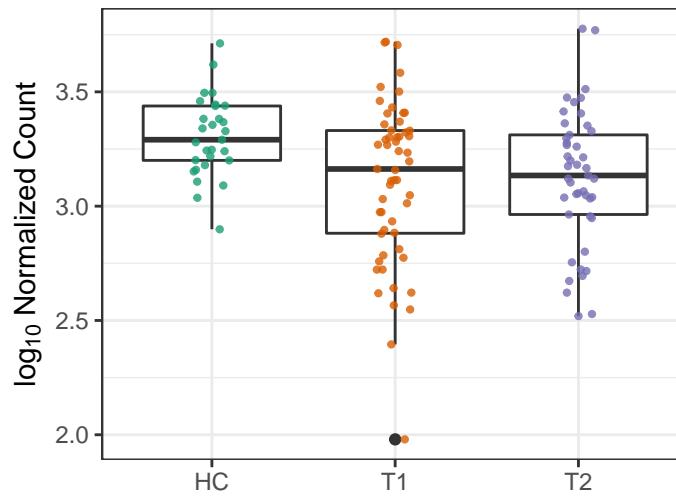


### Neisseria

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.8

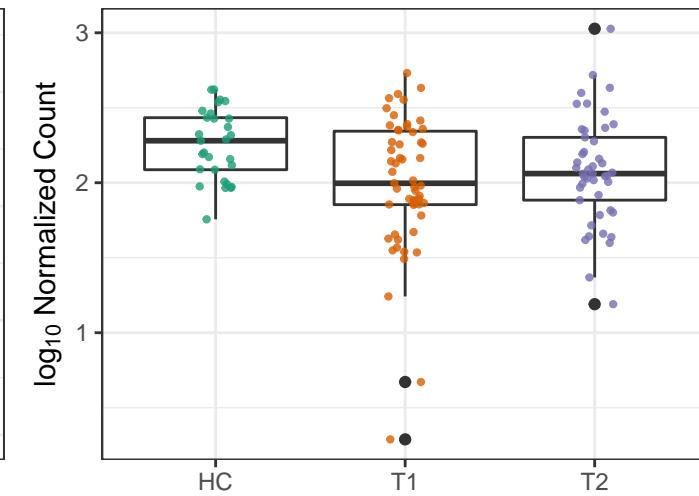


### Unclassified Armatimonadetes Phylum

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.035

T1 vs. T2 p = 0.78

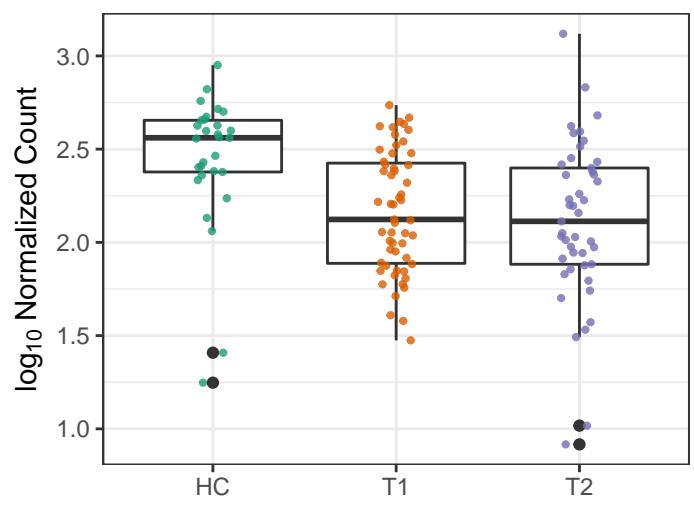


### Wolbachia

HC vs. T1 p = 0.0061

HC vs. T2 p = 0.0086

T1 vs. T2 p = 0.8

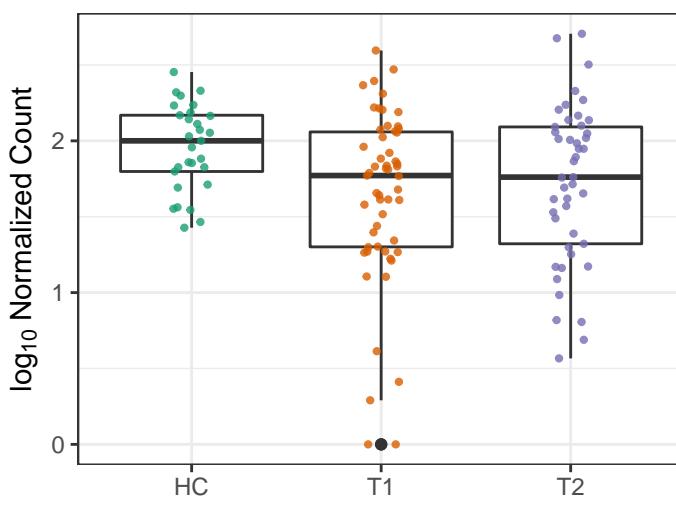


### Wenzhouxiangella

HC vs. T1 p = 0.0062

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.78

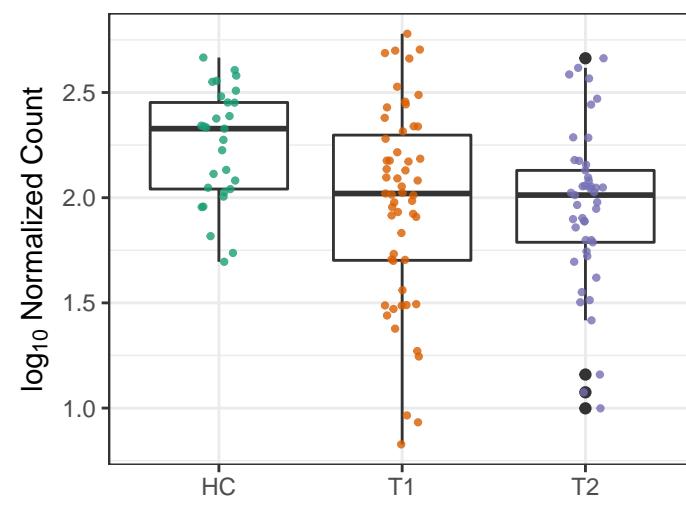


### Halothiobacillus

HC vs. T1 p = 0.0062

HC vs. T2 p = 0.0052

T1 vs. T2 p = 0.97

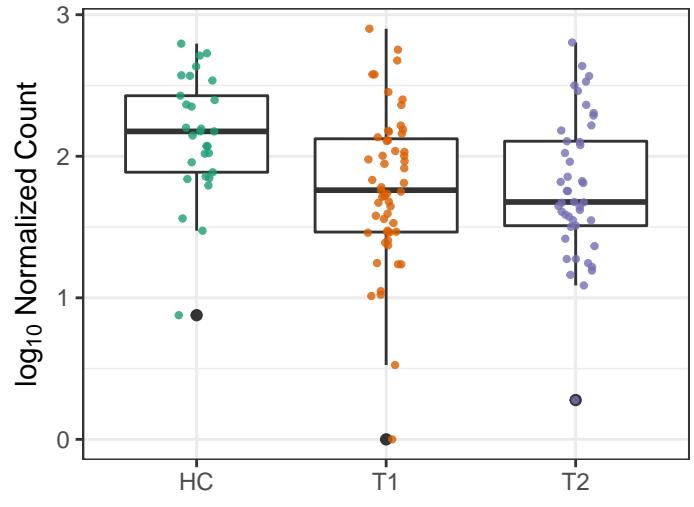


### Unclassified Erythrobacteraceae Family

HC vs. T1 p = 0.0062

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.92

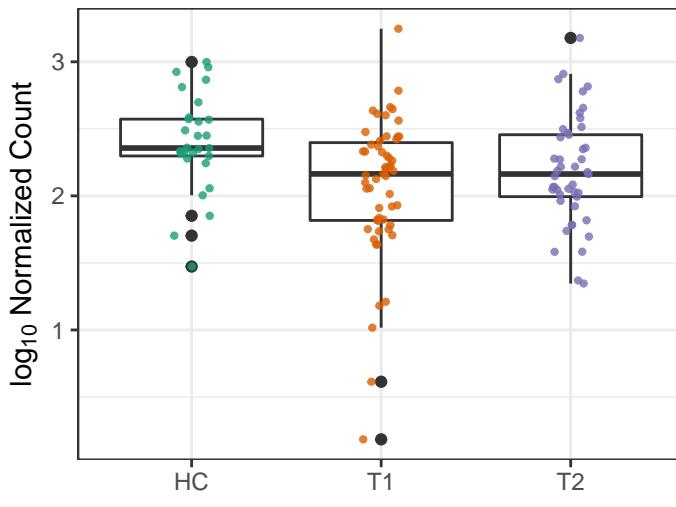


### Ketogulonicigenium

HC vs. T1 p = 0.0062

HC vs. T2 p = 0.045

T1 vs. T2 p = 0.78

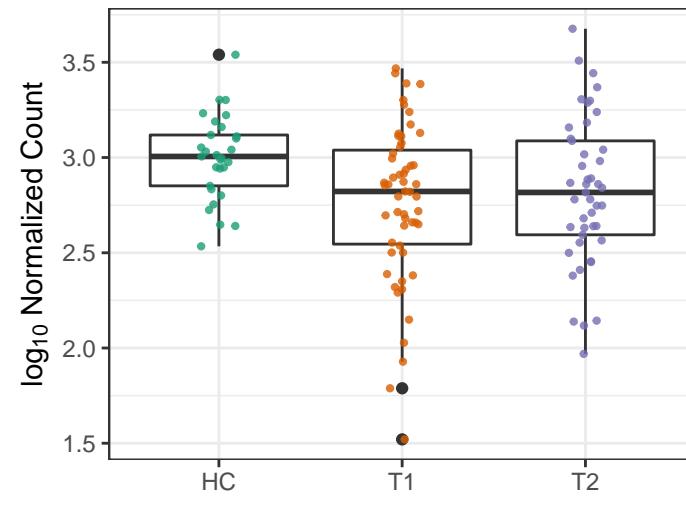


### Unclassified Burkholderiaceae Family

HC vs. T1 p = 0.0062

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

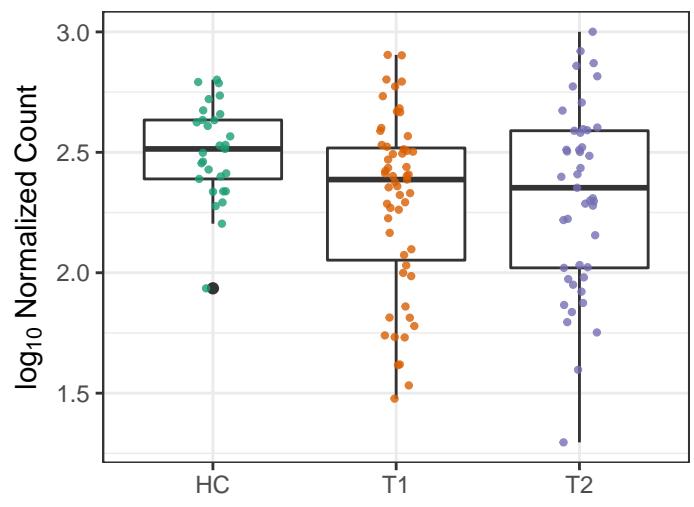


### Sphingorhabdus

HC vs. T1 p = 0.0063

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.81

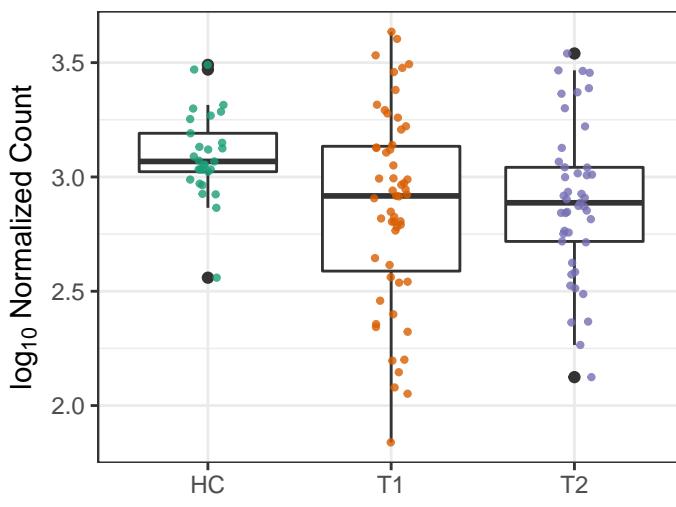


### Pandoraea

HC vs. T1 p = 0.0063

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.8

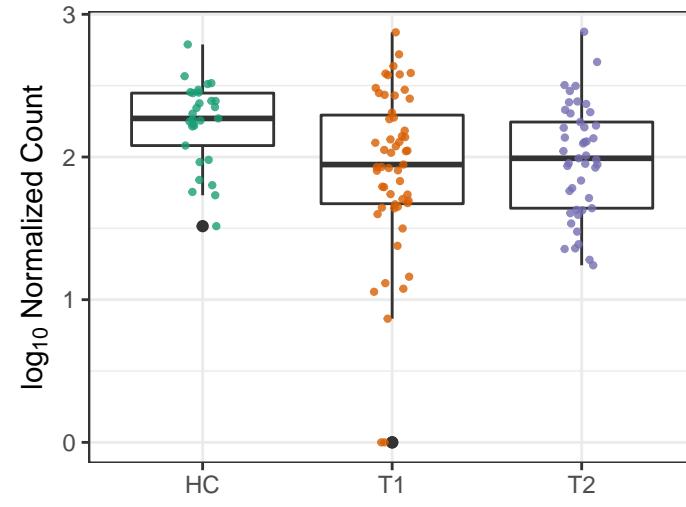


### Streptomonospora

HC vs. T1 p = 0.0063

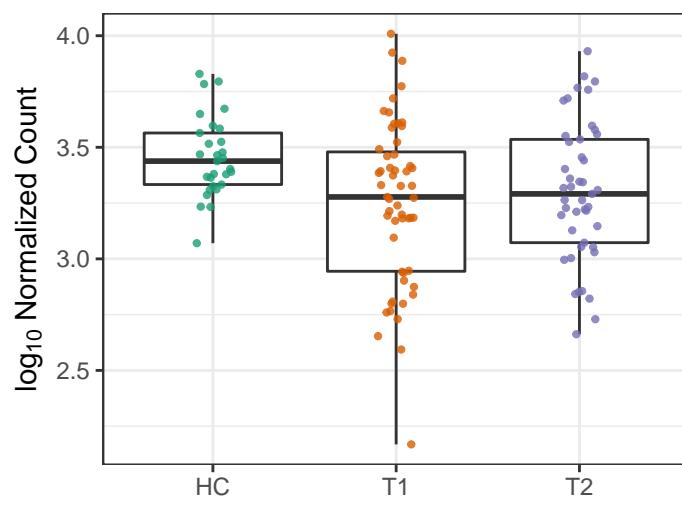
HC vs. T2 p = 0.014

T1 vs. T2 p = 0.78



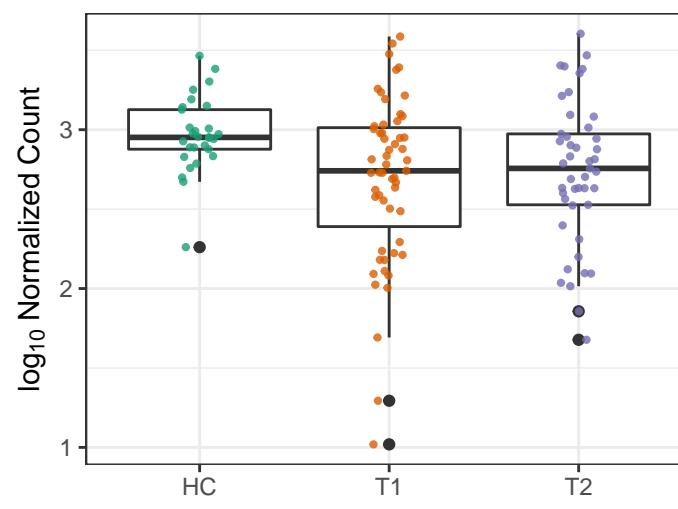
### Mesorhizobium

HC vs. T1 p = 0.0063  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



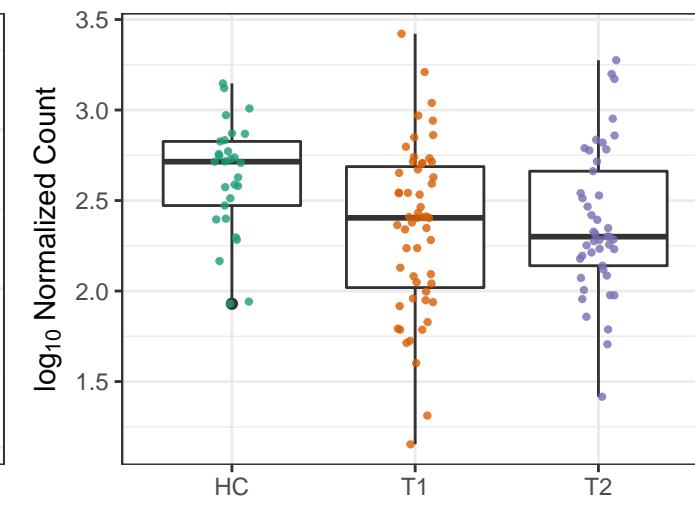
### Myxococcus

HC vs. T1 p = 0.0063  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



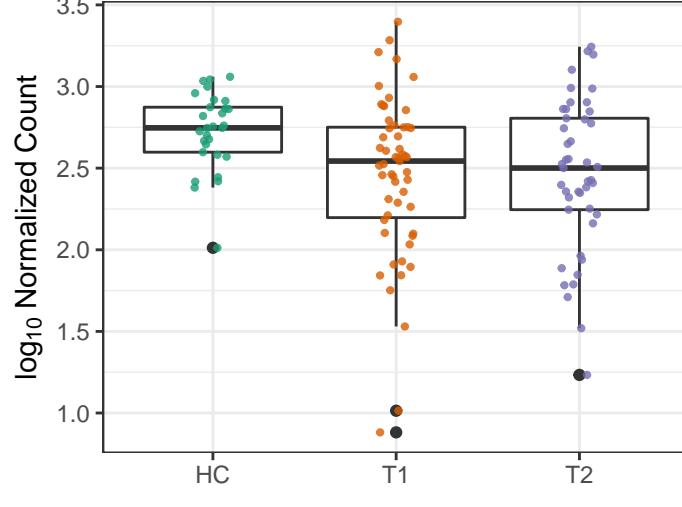
### Colletotrichum

HC vs. T1 p = 0.0064  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



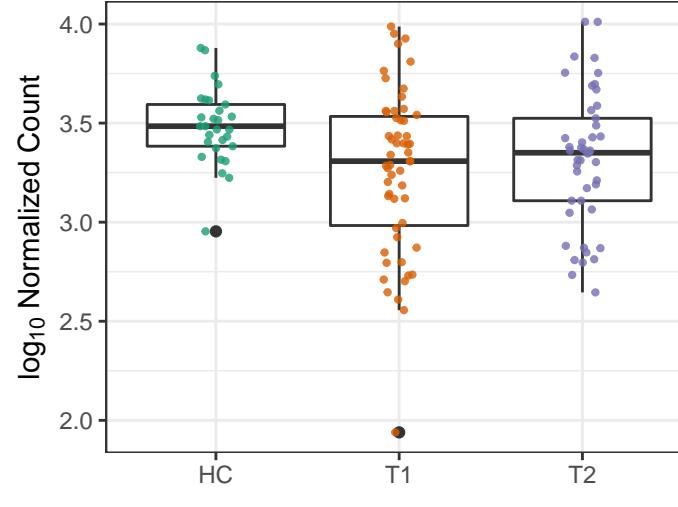
### Actinoalloteichus

HC vs. T1 p = 0.0064  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.83



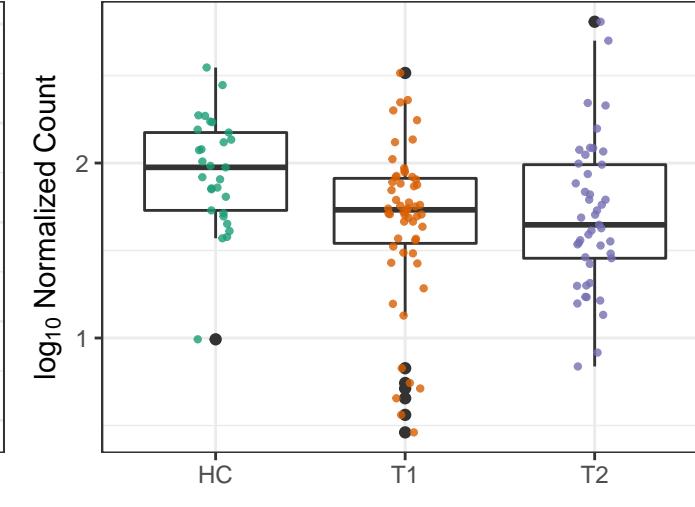
### Geobacter

HC vs. T1 p = 0.0064  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



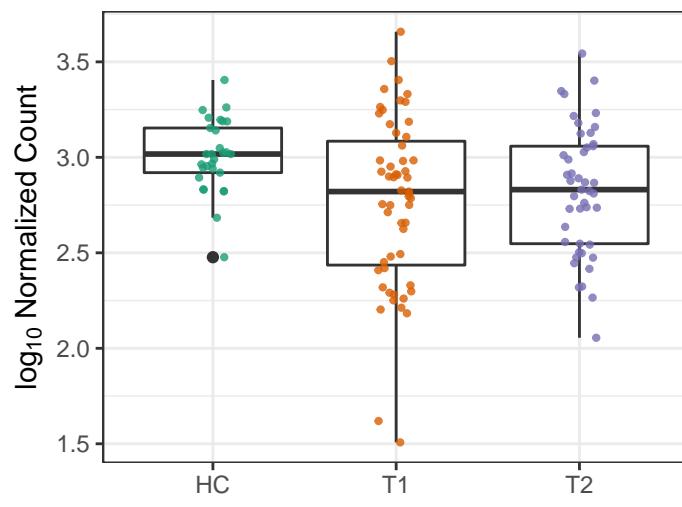
### Aurantimicrobium

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.87



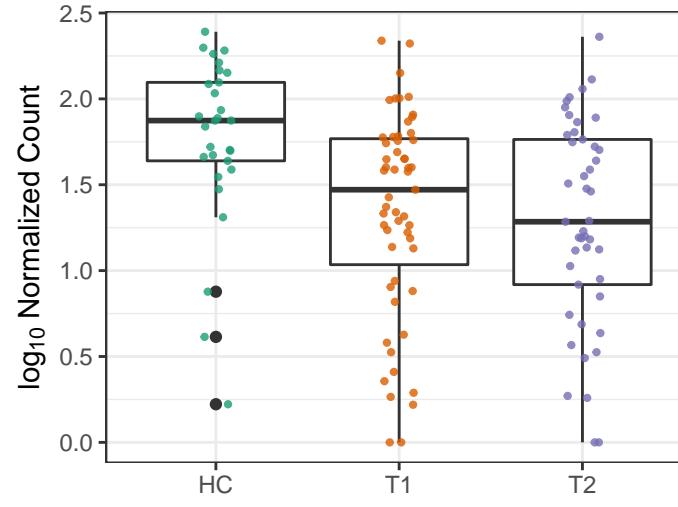
### Desulfosarcina

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



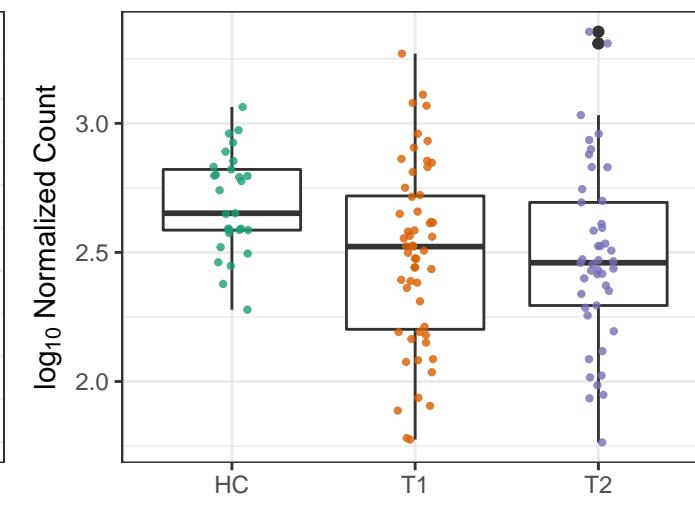
### Unclassified Rhodanobacteraceae Fam

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.0066  
T1 vs. T2 p = 0.91



### Edwardsiella

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.86

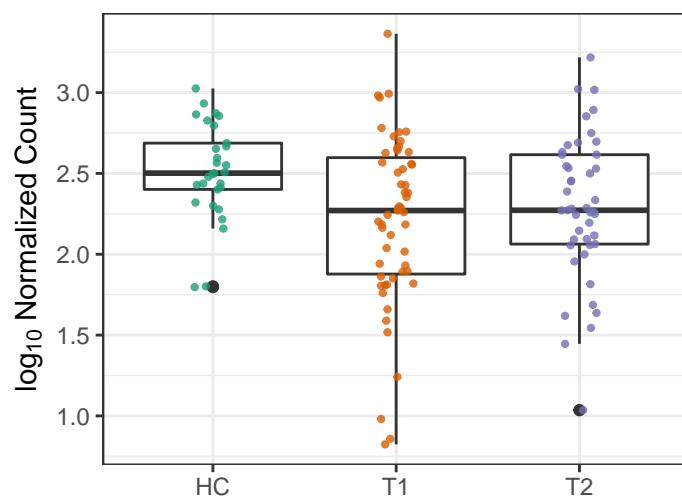


### Gemmatirosa

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.78

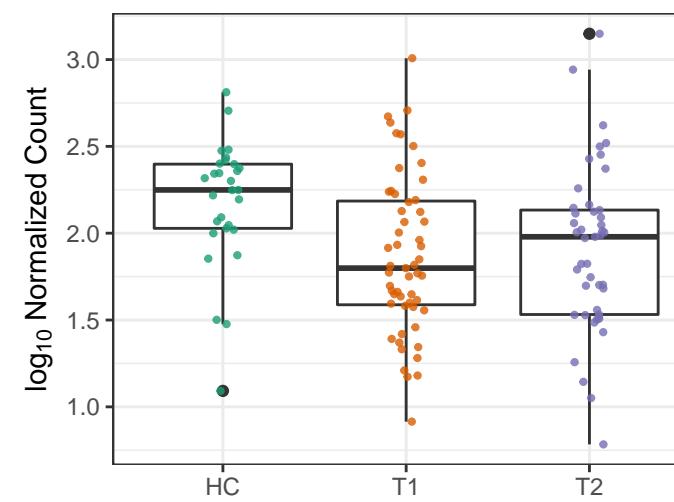


### Ignavibacterium

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.96

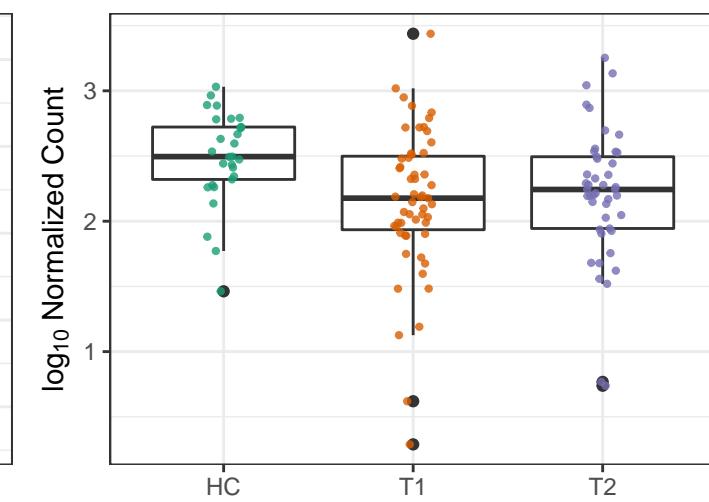


### Kutzneria

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

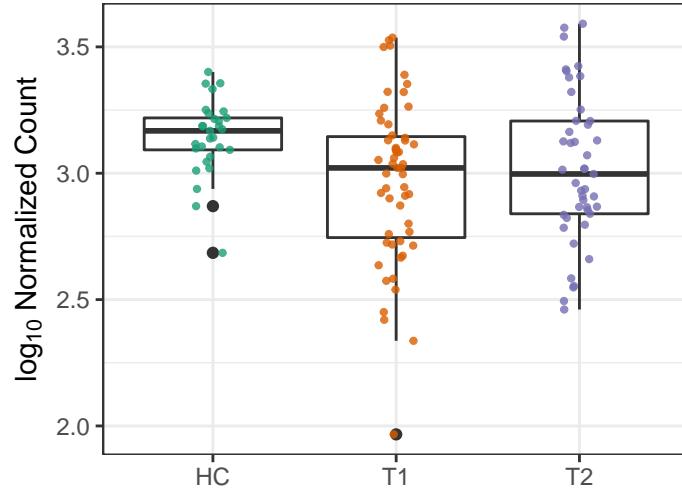


### Marinobacter

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.78

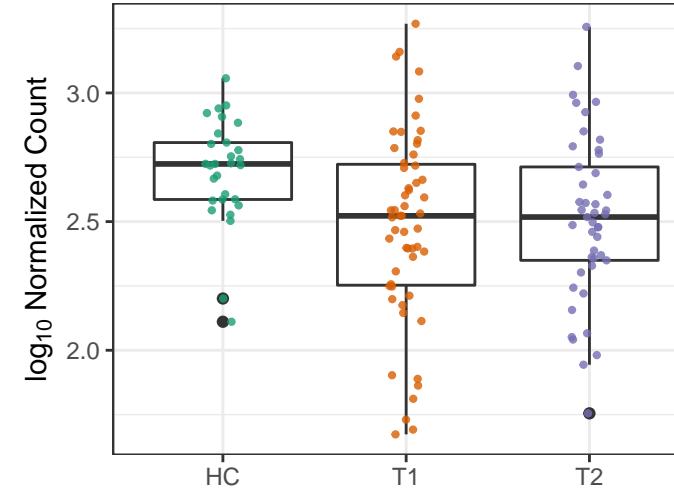


### Mixta

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.79

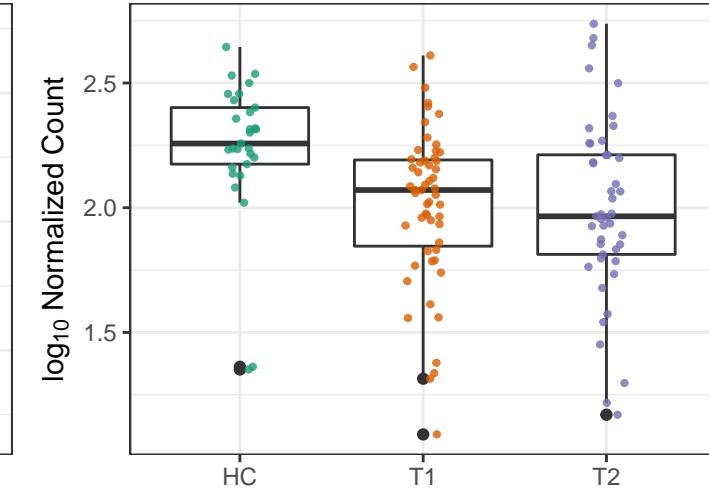


### Niastella

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.013

T1 vs. T2 p = 1

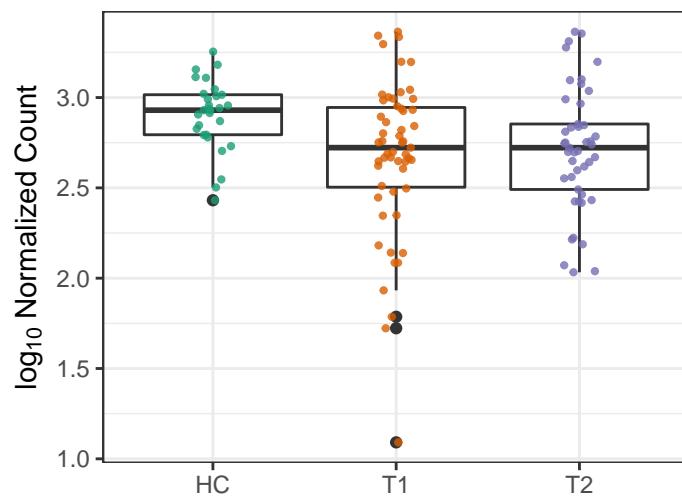


### Pseudarthrobacter

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.78

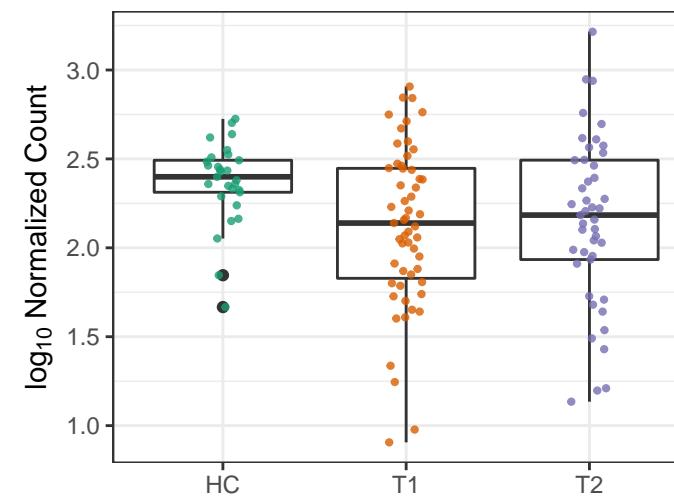


### Pseudolabrys

HC vs. T1 p = 0.0065

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.79

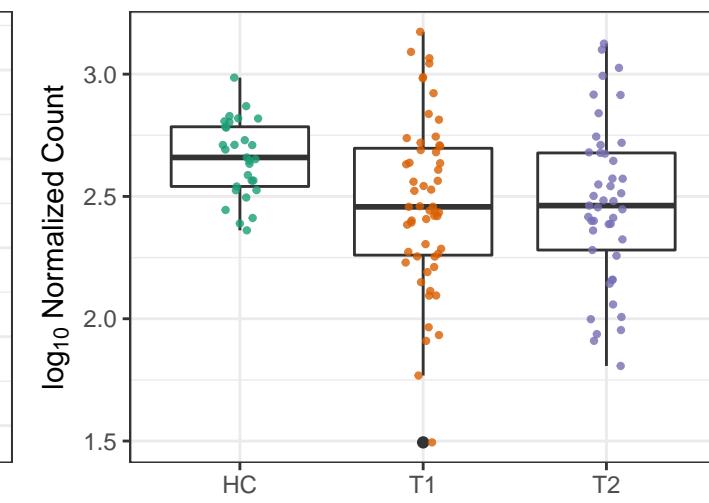


### Spirochaeta

HC vs. T1 p = 0.0065

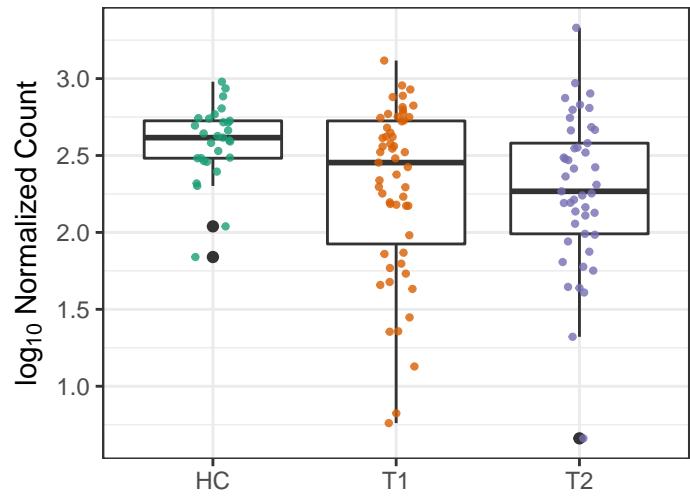
HC vs. T2 p = 0.012

T1 vs. T2 p = 0.99



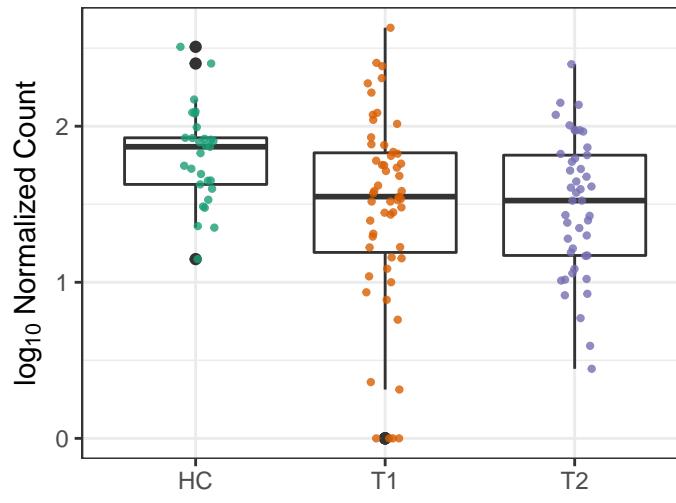
### Unclassified Desulfovibrionaceae Family

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.0084  
T1 vs. T2 p = 0.89



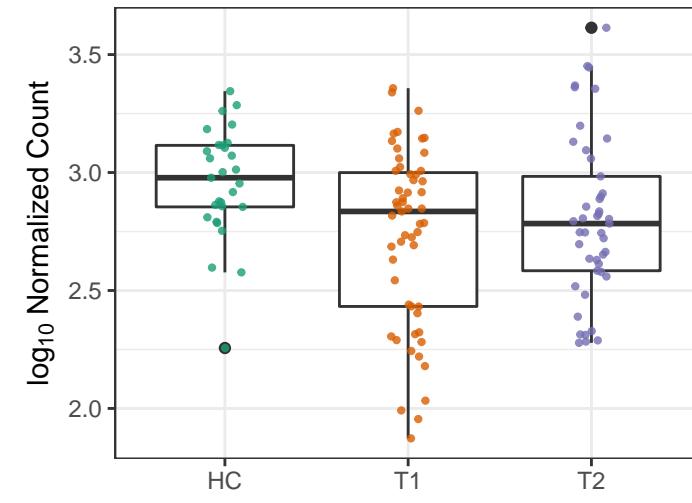
### Unclassified Planctomycetia Class

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.0069  
T1 vs. T2 p = 0.78



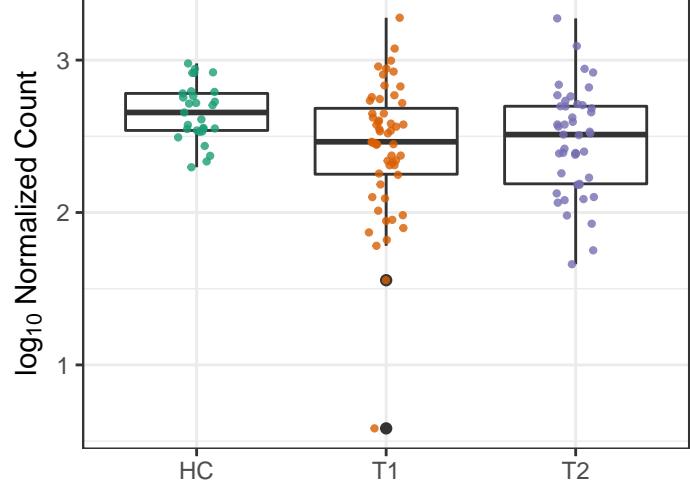
### Unclassified Rhizobiaceae Family

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.78



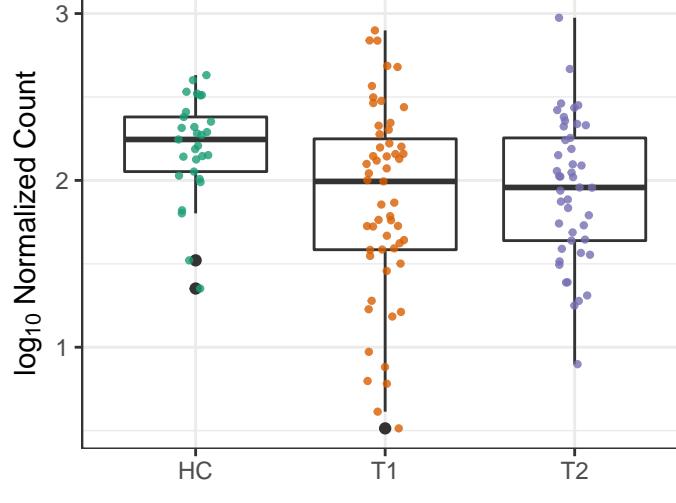
### Unclassified Sphingomonadaceae Family

HC vs. T1 p = 0.0065  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.79



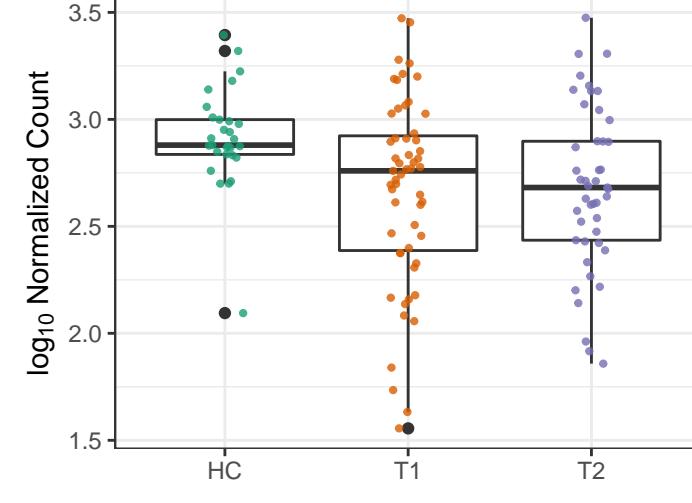
### Defluviimonas

HC vs. T1 p = 0.0066  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.79



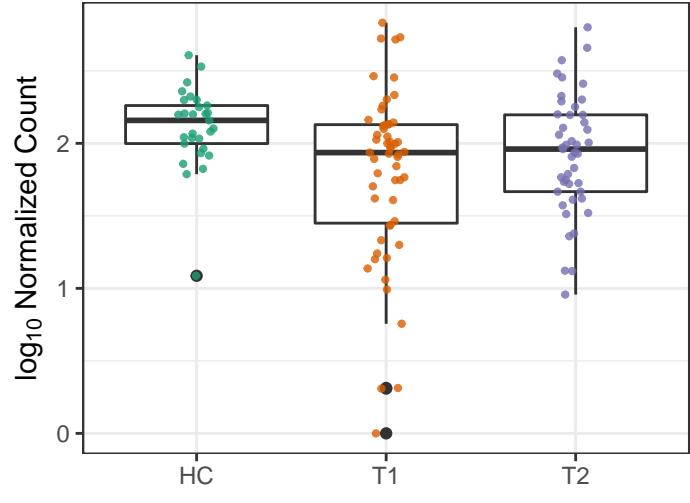
### Rhodoferax

HC vs. T1 p = 0.0066  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.8



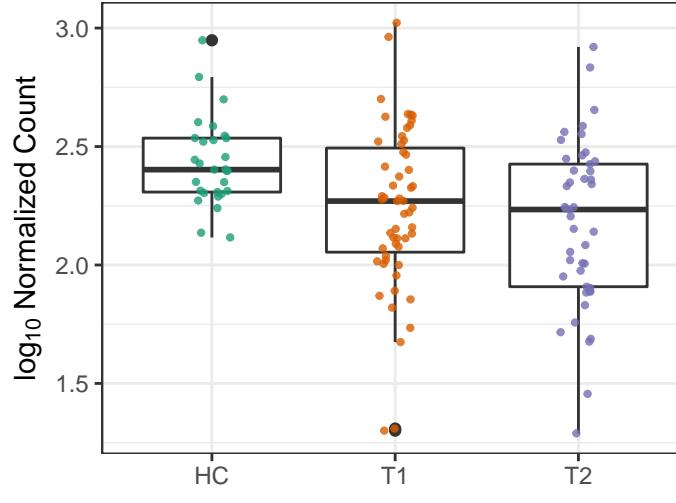
### Unclassified Rhodospirillaceae Family

HC vs. T1 p = 0.0066  
HC vs. T2 p = 0.046  
T1 vs. T2 p = 0.78



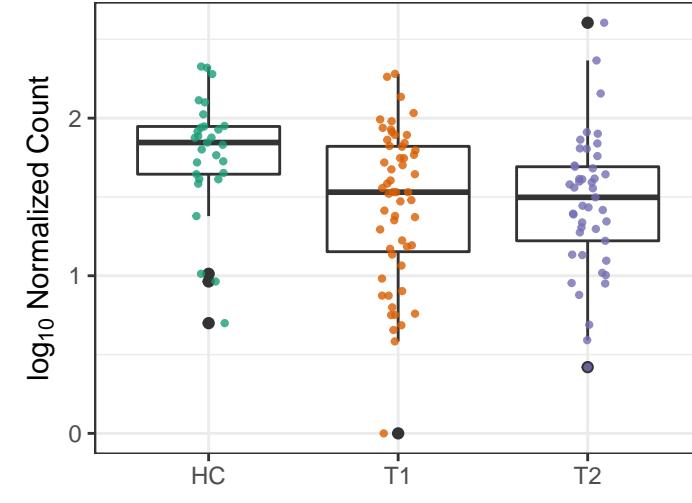
### Neurospora

HC vs. T1 p = 0.0066  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.78



### Candidatus Protochlamydia

HC vs. T1 p = 0.0066  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.87

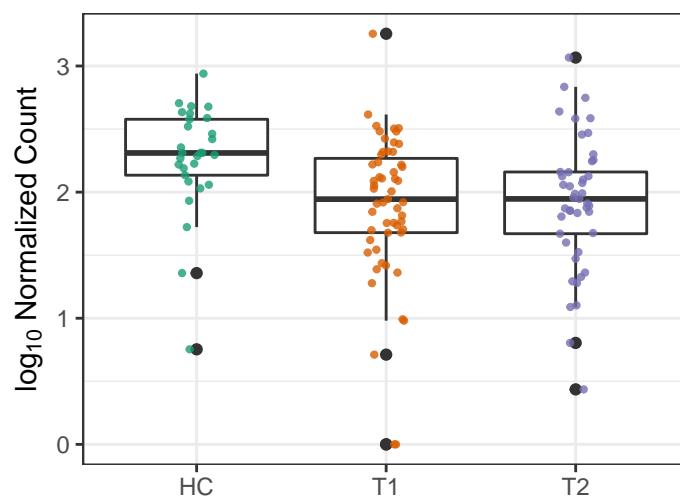


### Salinicola

HC vs. T1 p = 0.0066

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.8

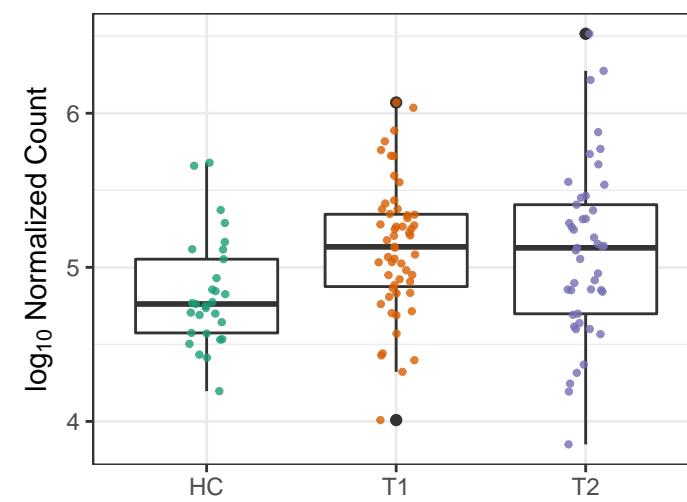


### Flavonifractor

HC vs. T1 p = 0.0067

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.92

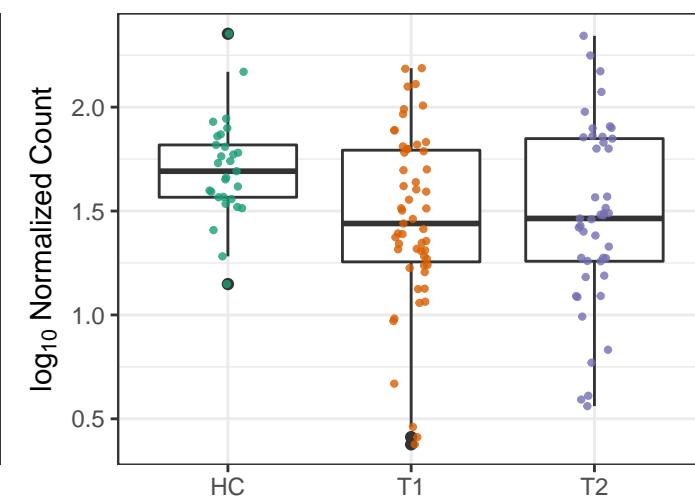


### Nitrincola

HC vs. T1 p = 0.0067

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.99

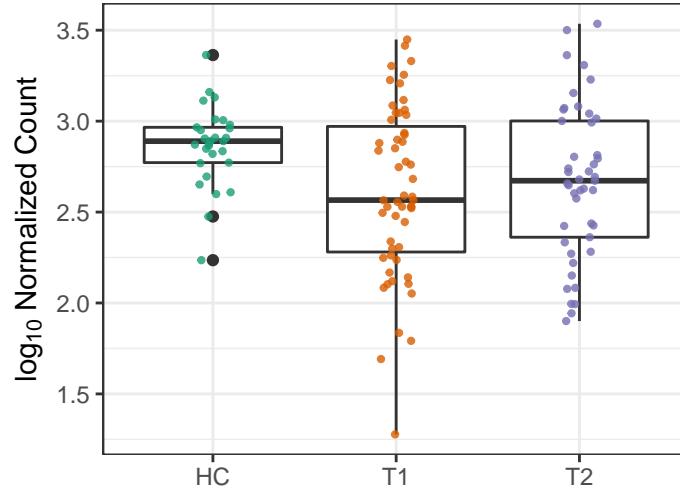


### Thioalkalivibrio

HC vs. T1 p = 0.0067

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.78

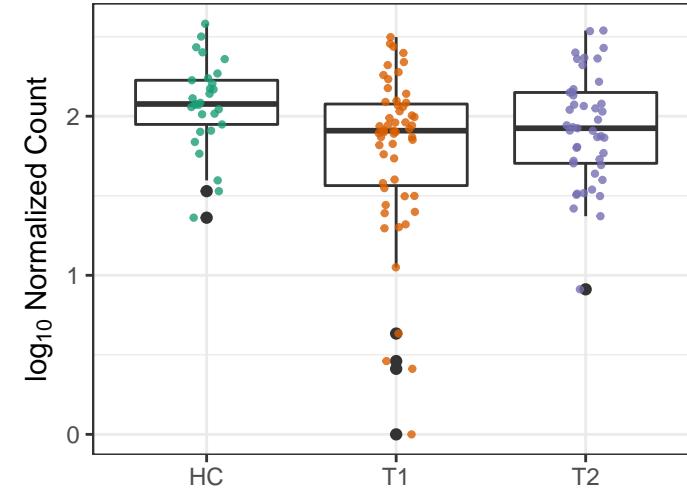


### Casimicrobium

HC vs. T1 p = 0.0069

HC vs. T2 p = 0.069

T1 vs. T2 p = 0.78

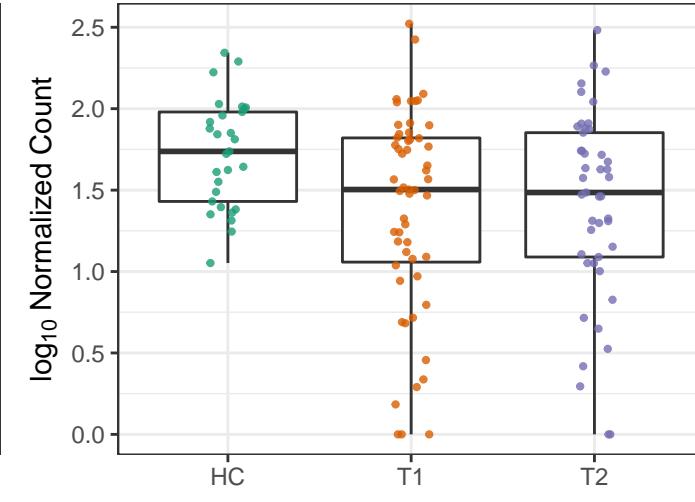


### Halobiforma

HC vs. T1 p = 0.0069

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.78

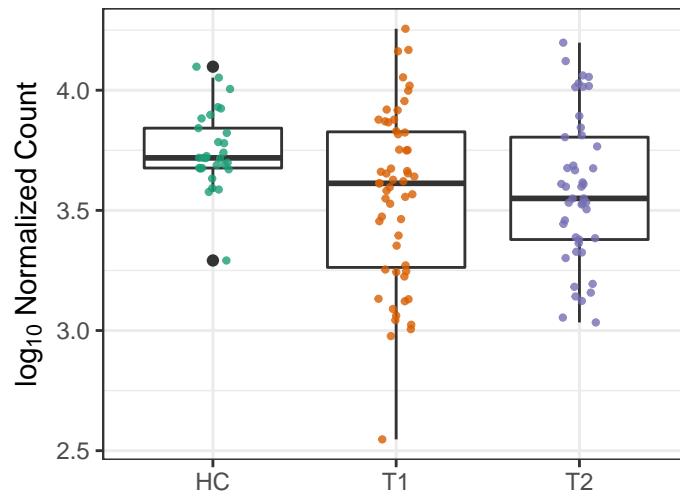


### Unclassified Planctomycetes Phylum

HC vs. T1 p = 0.0069

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.8

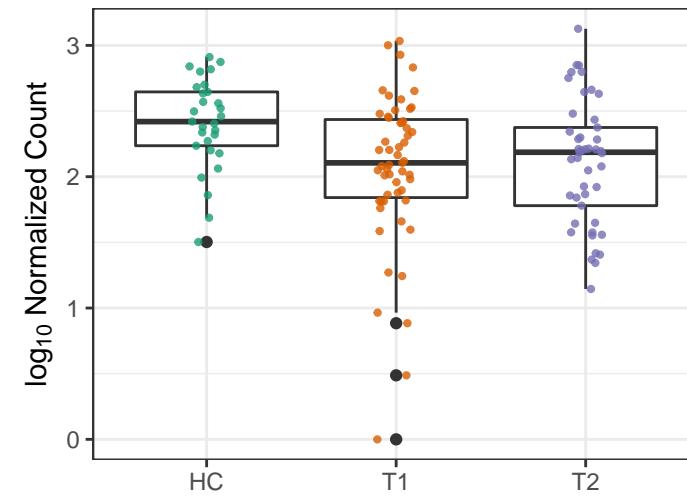


### Isoptericola

HC vs. T1 p = 0.0069

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

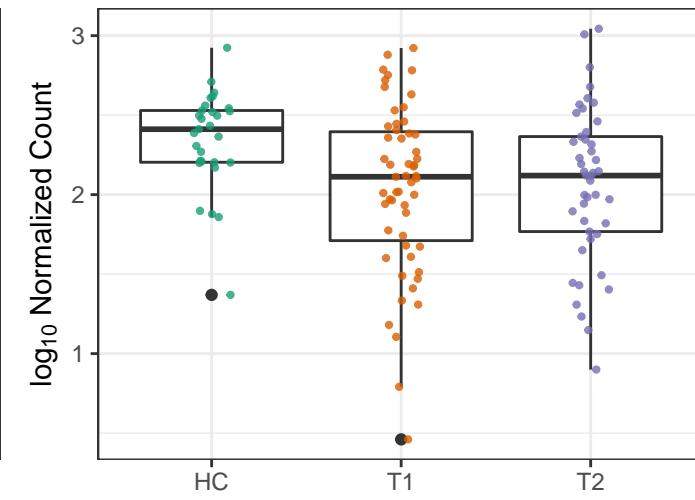


### Salinispora

HC vs. T1 p = 0.0069

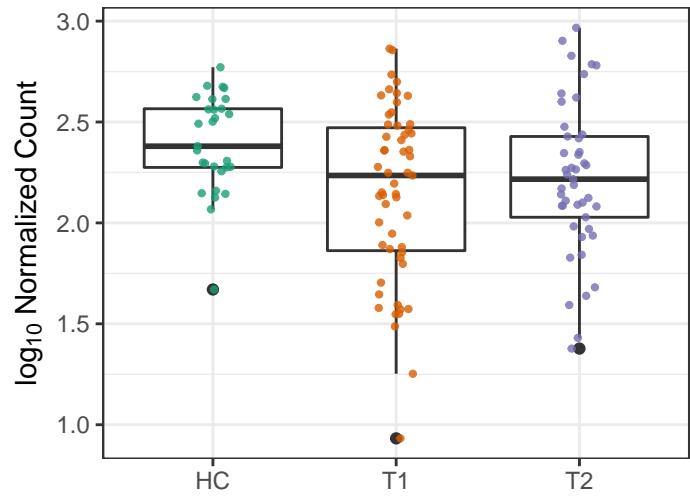
HC vs. T2 p = 0.017

T1 vs. T2 p = 0.8



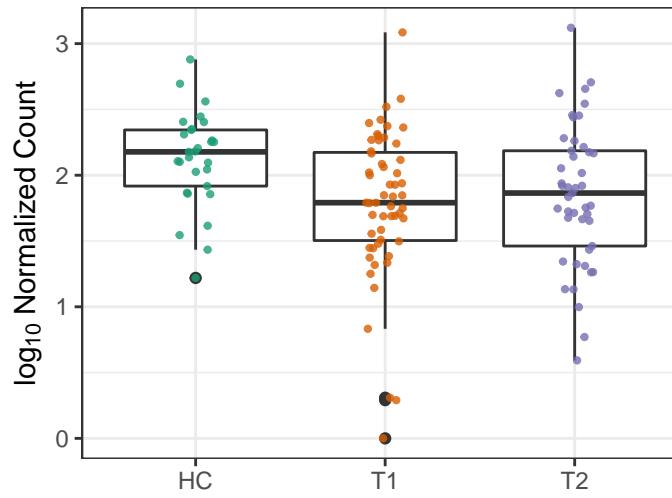
### Aminobacter

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.78



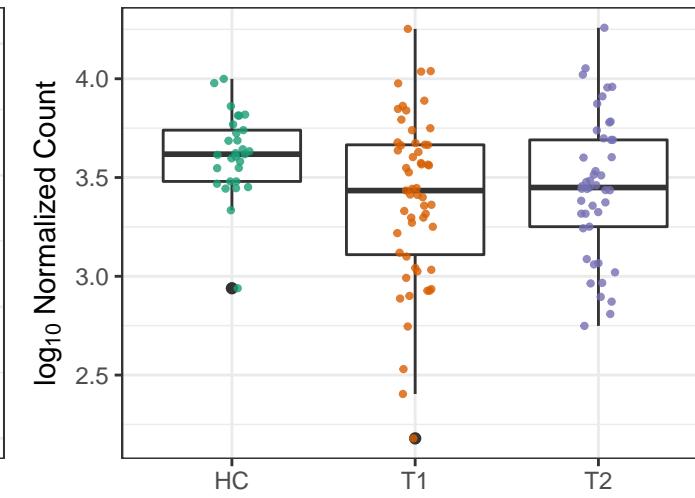
### Luteipulveratus

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 0.78



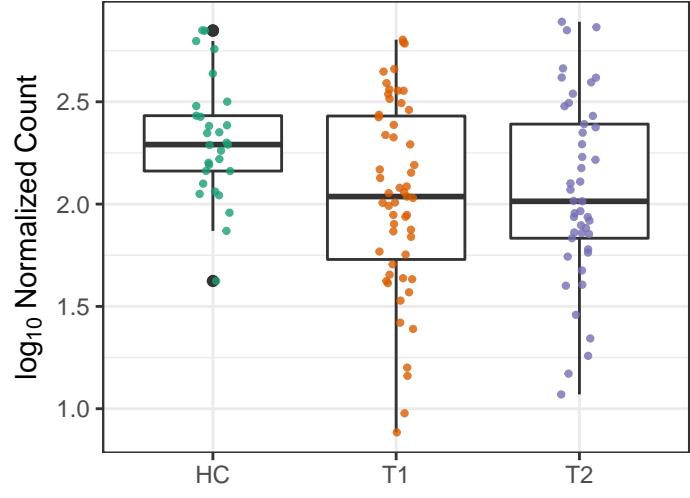
### Mycobacterium

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.78



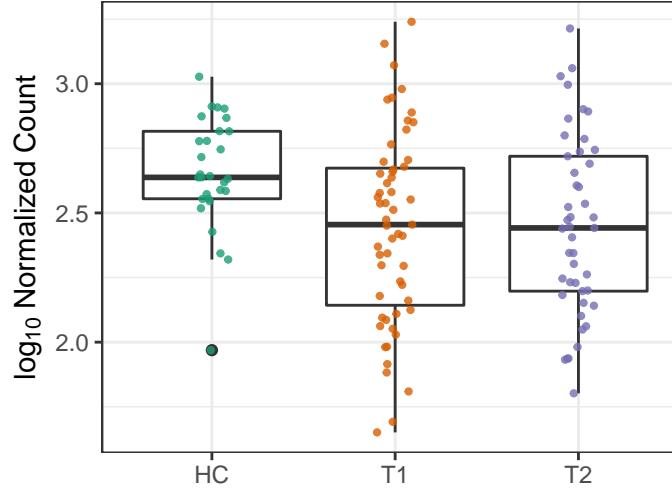
### Nissabacter

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.78



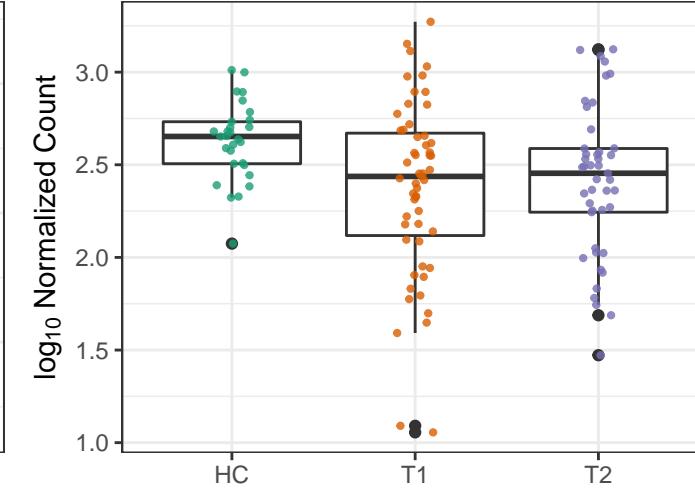
### Nonlabens

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.92



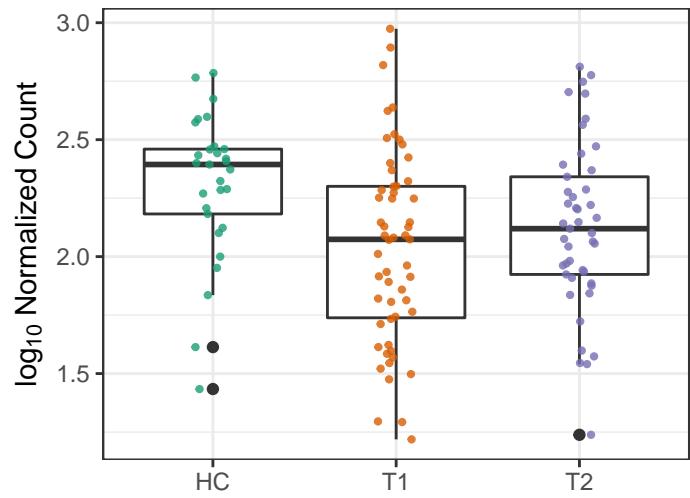
### Planctomyces

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.8



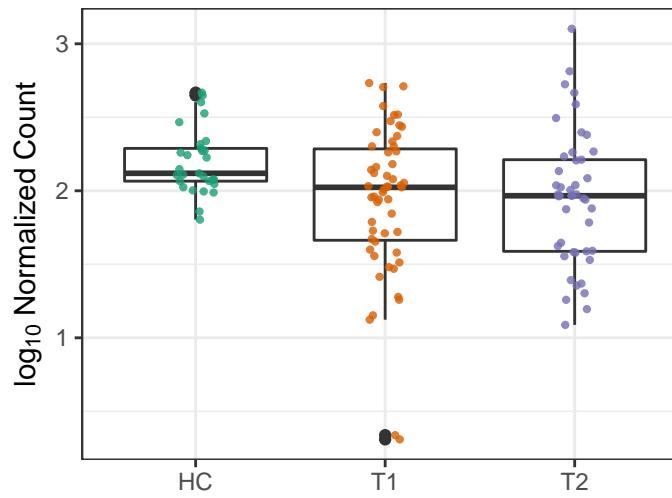
### Roseobacter

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 0.78



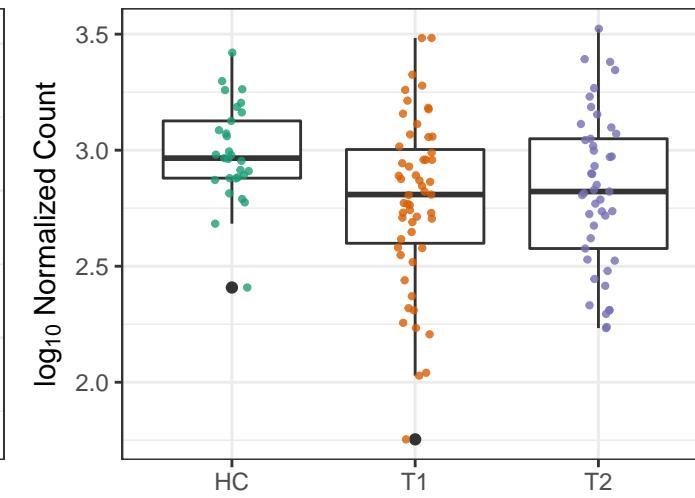
### Unclassified Methanomassiliicoccaceae

HC vs. T1 p = 0.0069  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.86



### Janthinobacterium

HC vs. T1 p = 0.007  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.78

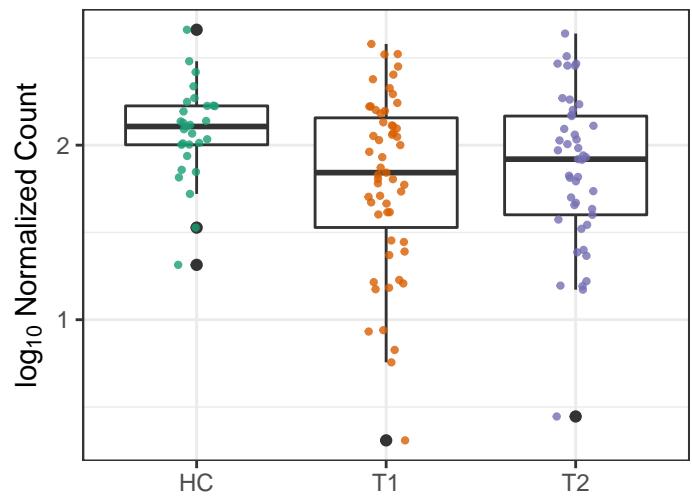


### Unclassified Rhodocyclales Order

HC vs. T1 p = 0.007

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.78

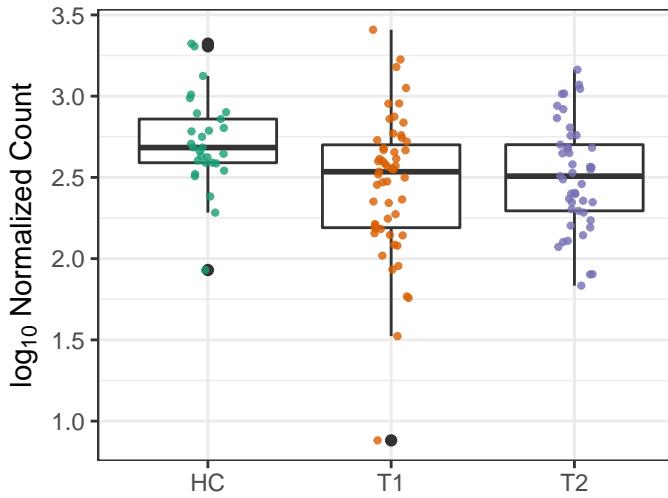


### Ensifer

HC vs. T1 p = 0.0071

HC vs. T2 p = 0.021

T1 vs. T2 p = 0.78

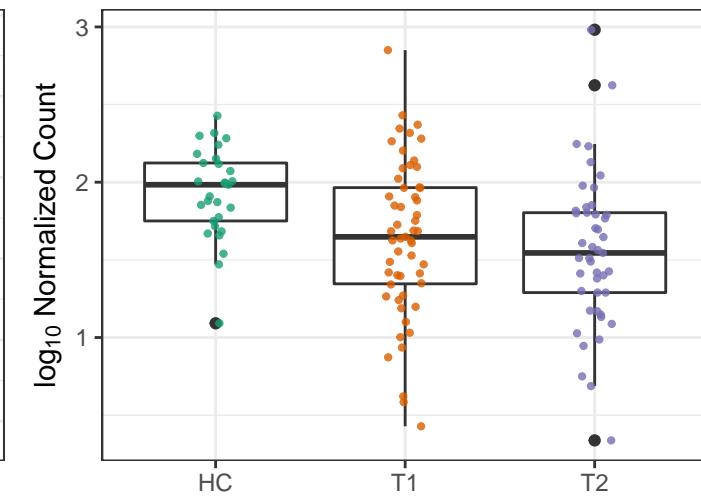


### Crocospaera

HC vs. T1 p = 0.0071

HC vs. T2 p = 0.0036

T1 vs. T2 p = 0.79

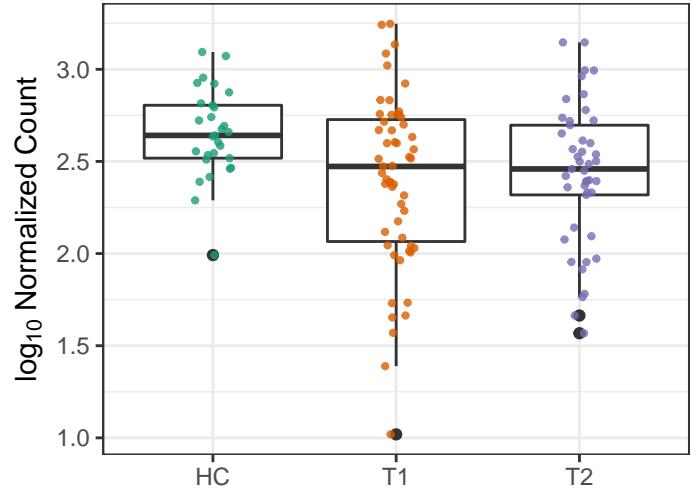


### Unclassified Streptomycetaceae Family

HC vs. T1 p = 0.0071

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

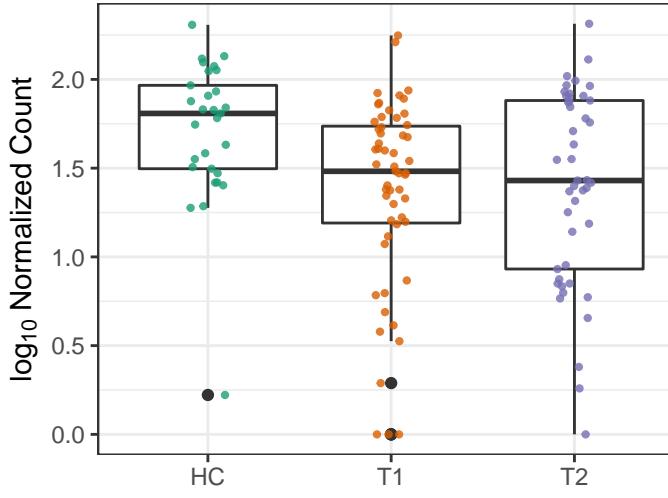


### Thermovibrio

HC vs. T1 p = 0.0071

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.81

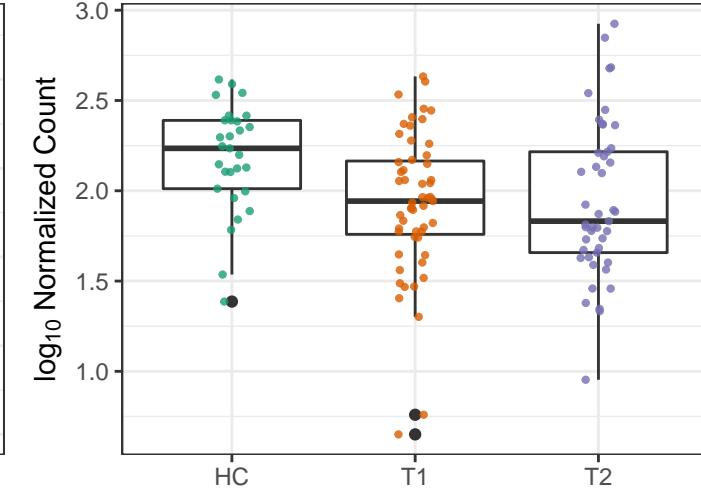


### Nautilia

HC vs. T1 p = 0.0072

HC vs. T2 p = 0.023

T1 vs. T2 p = 1

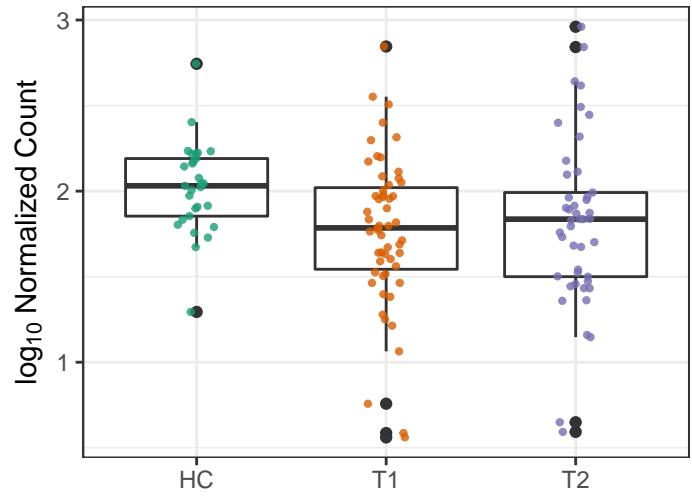


### Dinoroseobacter

HC vs. T1 p = 0.0072

HC vs. T2 p = 0.047

T1 vs. T2 p = 0.79

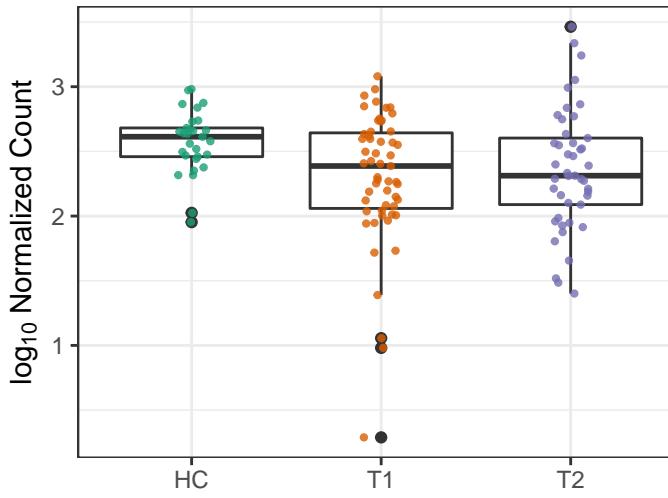


### Tsukamurella

HC vs. T1 p = 0.0072

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

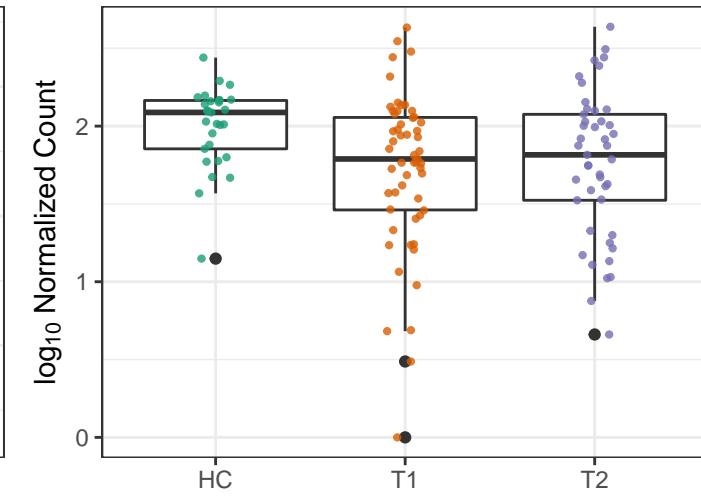


### Crenobacter

HC vs. T1 p = 0.0072

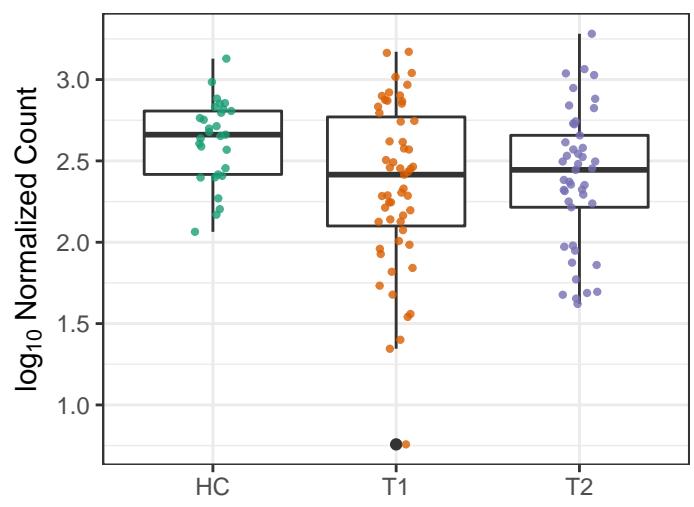
HC vs. T2 p = 0.024

T1 vs. T2 p = 0.8



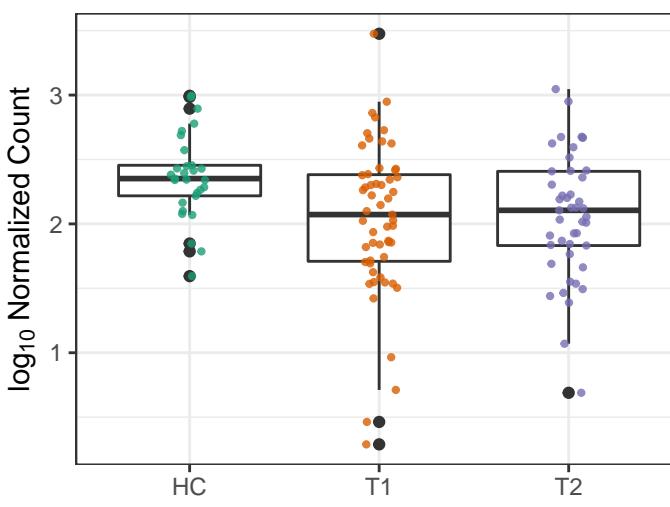
### Rhodospirillum

HC vs. T1 p = 0.0072  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



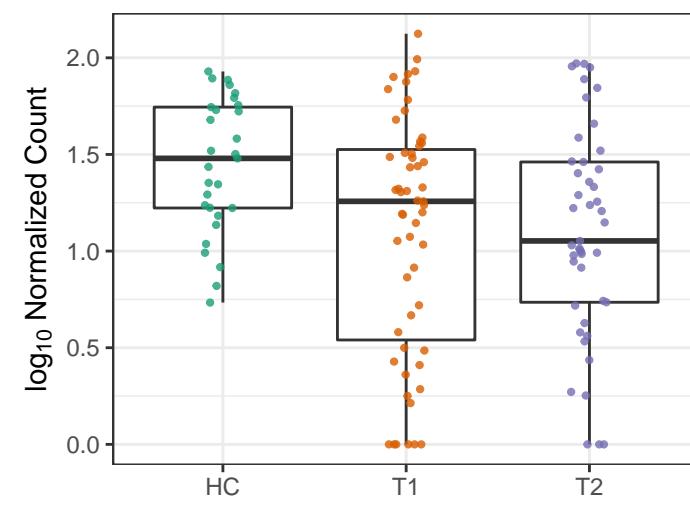
### Unclassified Micromonosporaceae Famil

HC vs. T1 p = 0.0072  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.81



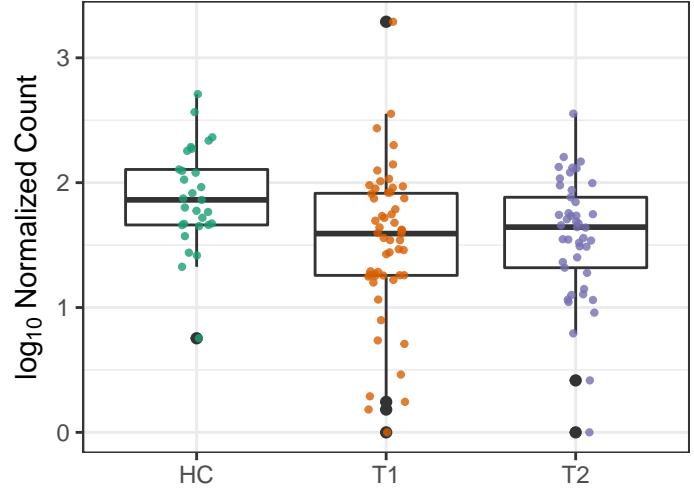
### Unclassified Streptosporangiales Order

HC vs. T1 p = 0.0072  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.86



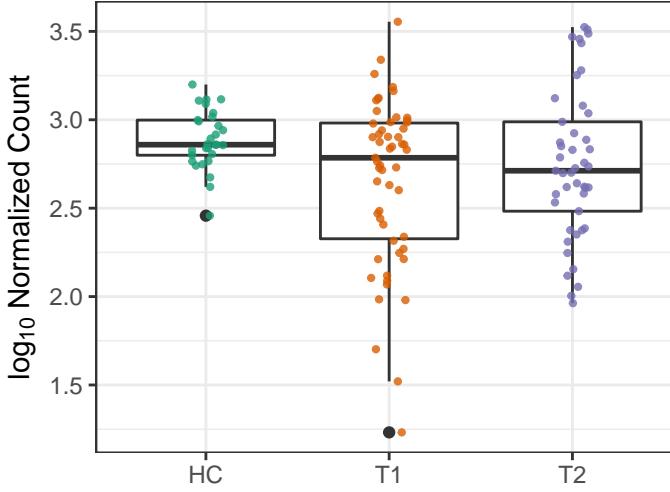
### Methylovirgula

HC vs. T1 p = 0.0073  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.78



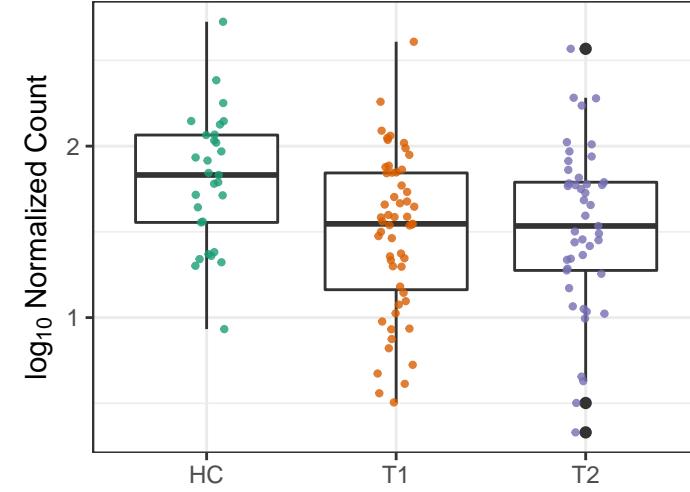
### Heliobacterium

HC vs. T1 p = 0.0073  
HC vs. T2 p = 0.082  
T1 vs. T2 p = 0.78



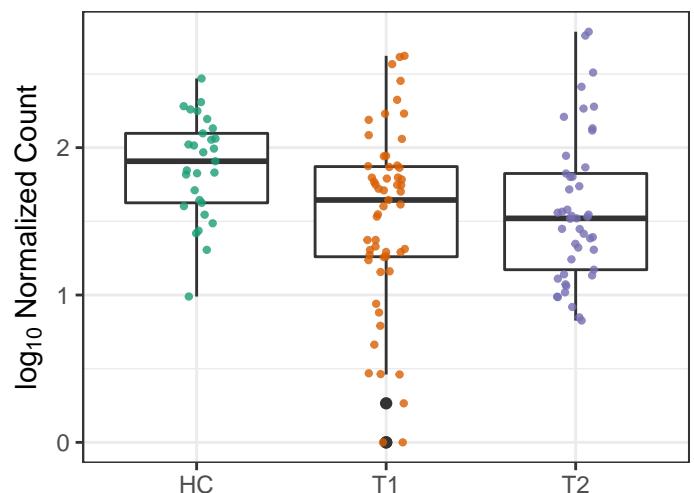
### Methanomethylovorans

HC vs. T1 p = 0.0073  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.92



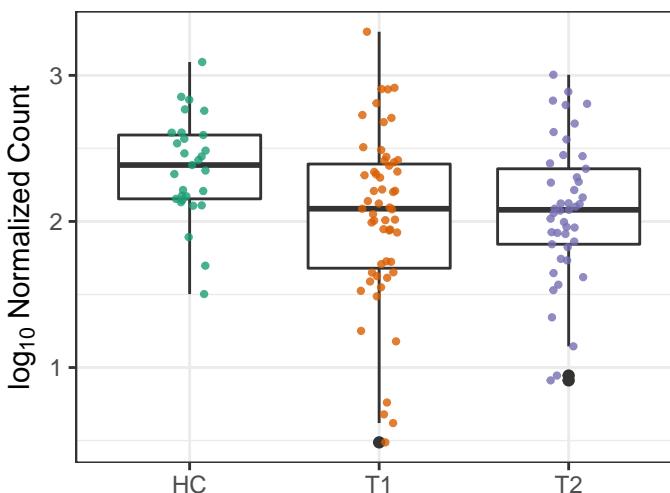
### Hydrocarboniclastica

HC vs. T1 p = 0.0073  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.78



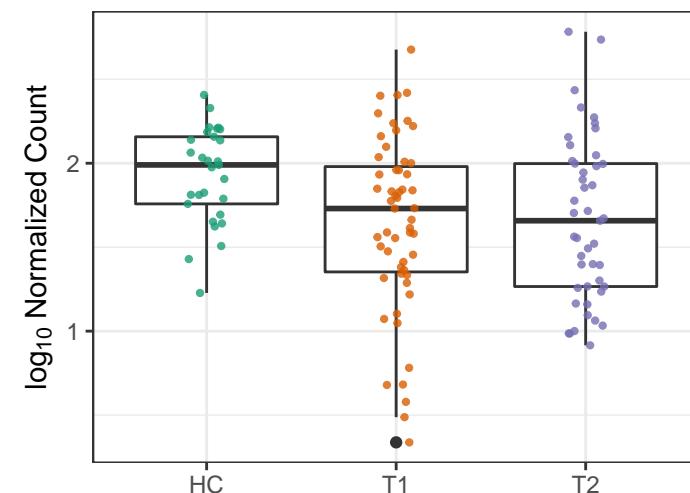
### Rhizobacter

HC vs. T1 p = 0.0073  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



### Dermacoccus

HC vs. T1 p = 0.0074  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.89

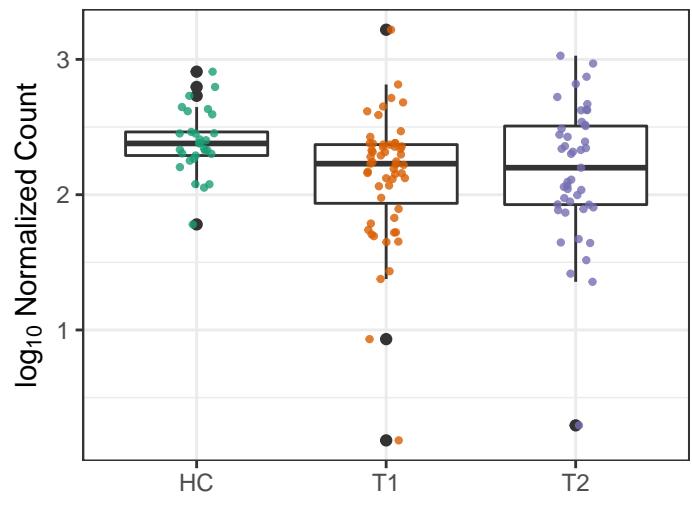


### Microvirgula

HC vs. T1 p = 0.0074

HC vs. T2 p = 0.035

T1 vs. T2 p = 0.78

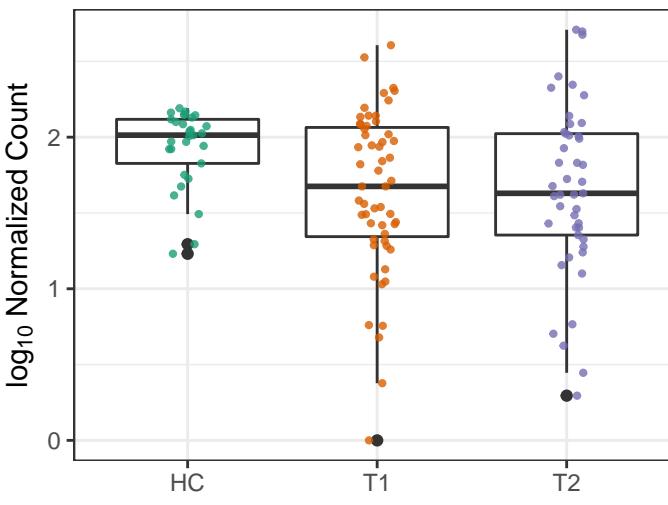


### Frateuria

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

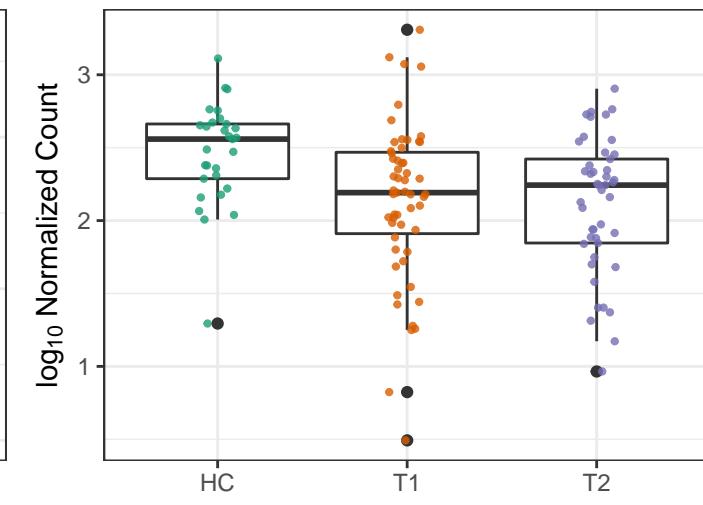


### Propionimicrobium

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.0069

T1 vs. T2 p = 0.93

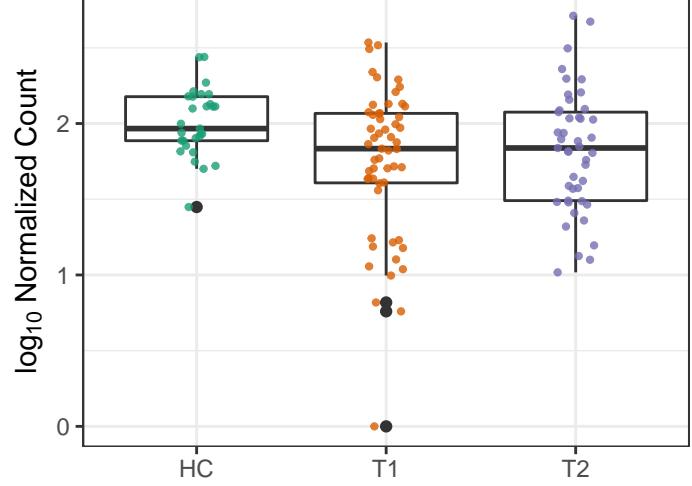


### Edaphobacter

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.79

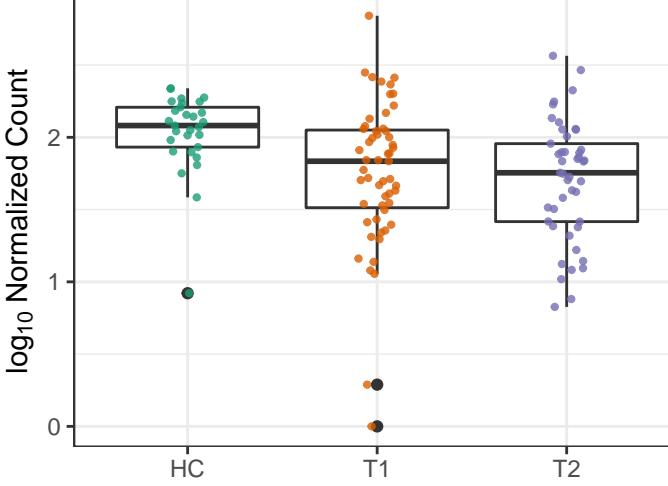


### Salinivirga

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.0041

T1 vs. T2 p = 0.82

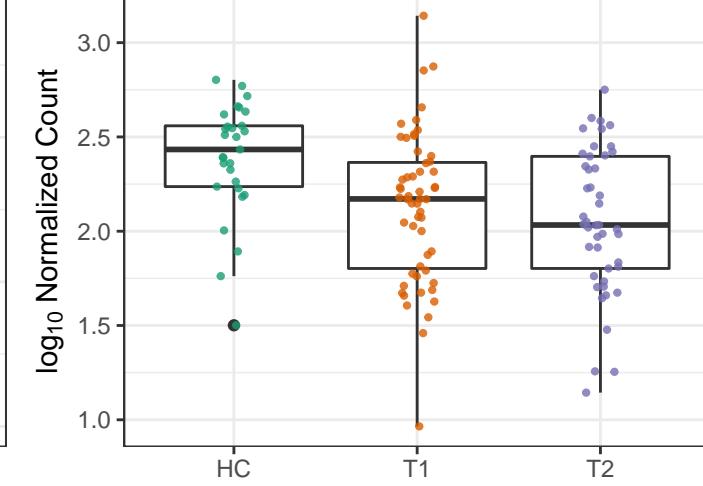


### Blattabacterium

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.0037

T1 vs. T2 p = 0.78

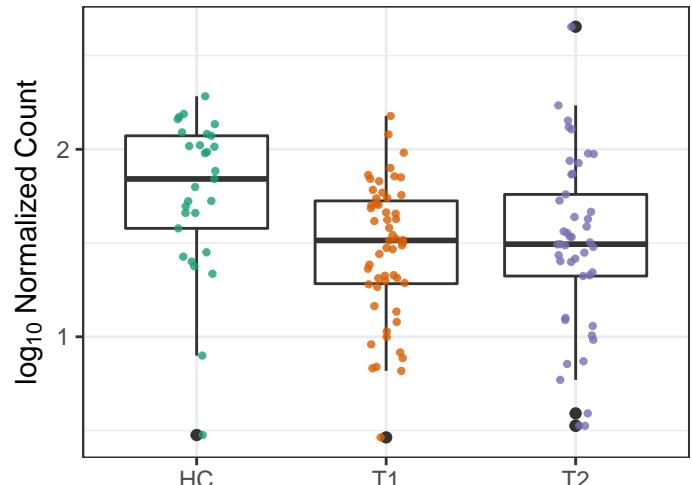


### Dolichospermum

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.028

T1 vs. T2 p = 0.81

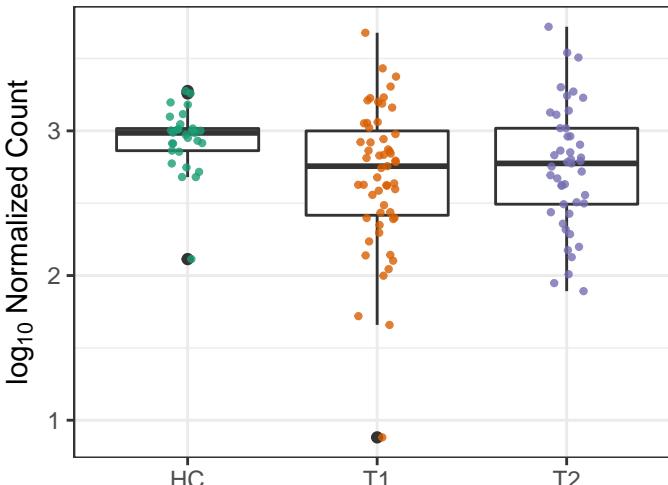


### Rathayibacter

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.78

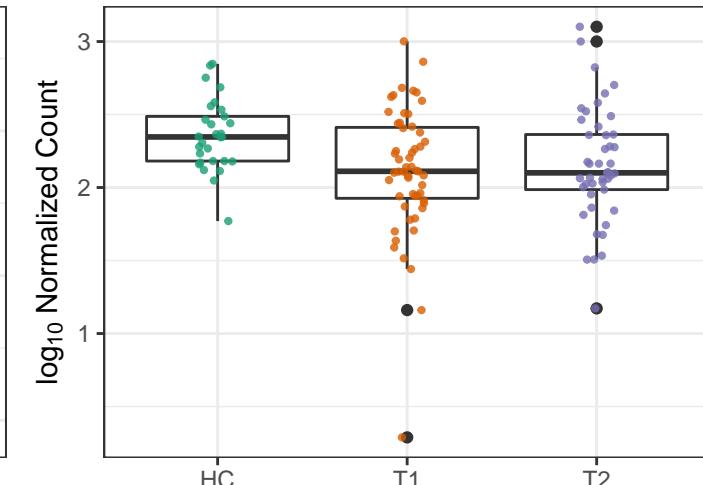


### Unclassified Chromatiaceae Family

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.79

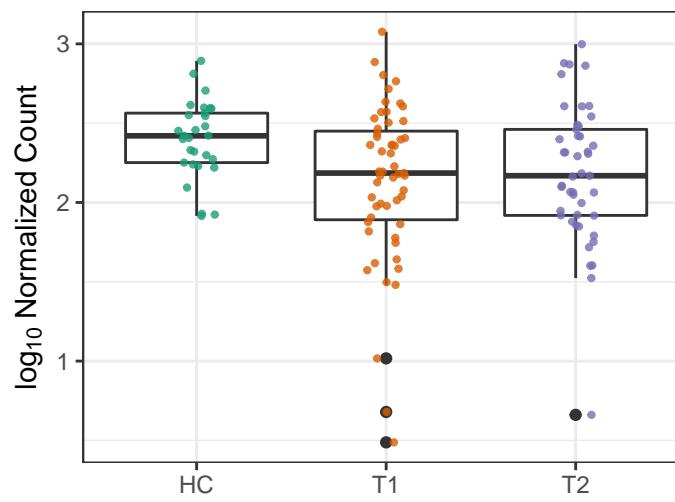


### Salinibacter

HC vs. T1 p = 0.0075

HC vs. T2 p = 0.026

T1 vs. T2 p = 0.82

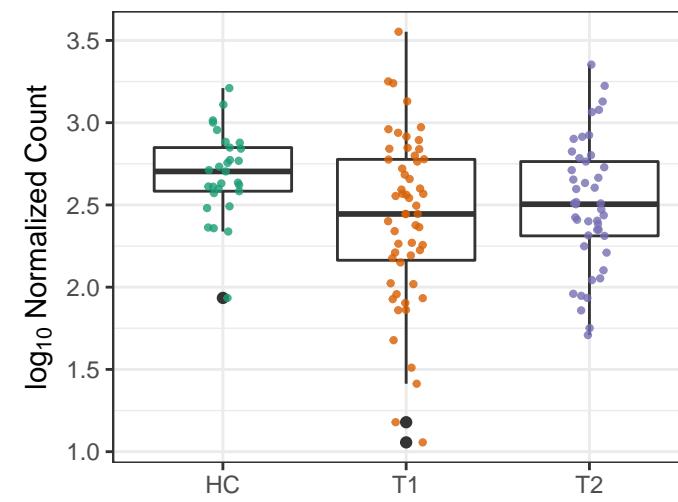


### Ornithinimicrobium

HC vs. T1 p = 0.0076

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.78

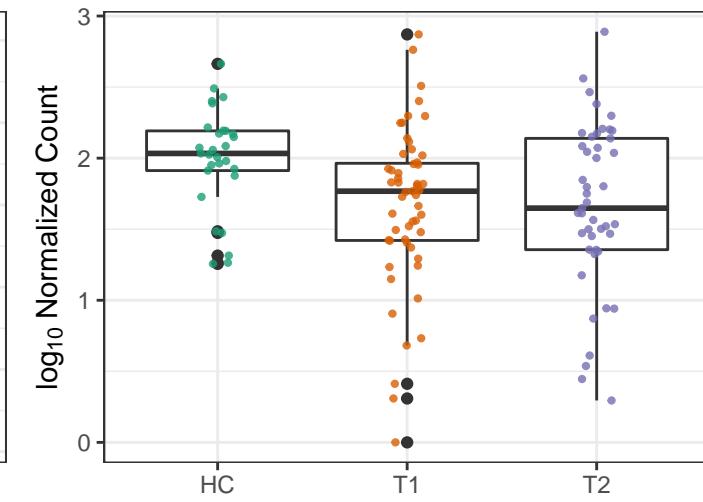


### Variibacter

HC vs. T1 p = 0.0076

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.83

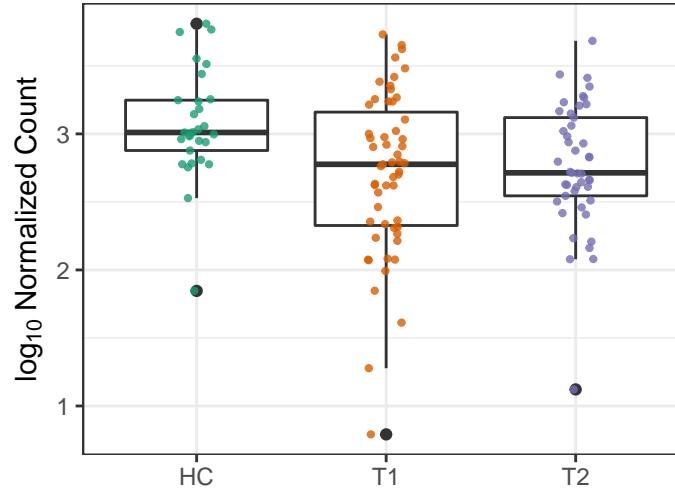


### Denitrobacterium

HC vs. T1 p = 0.0077

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

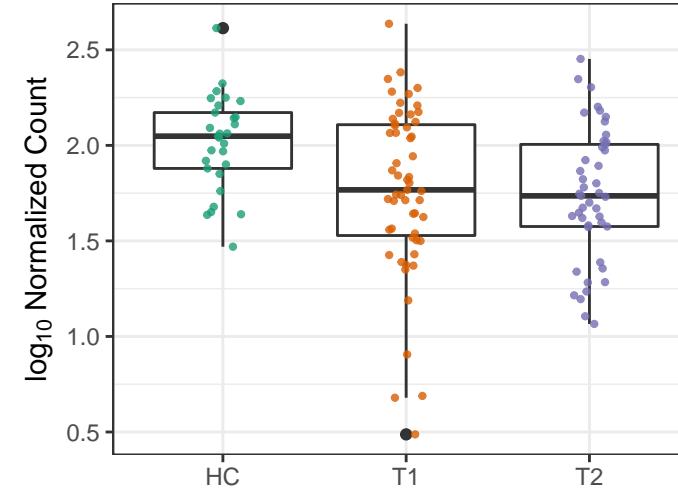


### Novibacillus

HC vs. T1 p = 0.0077

HC vs. T2 p = 0.0052

T1 vs. T2 p = 1

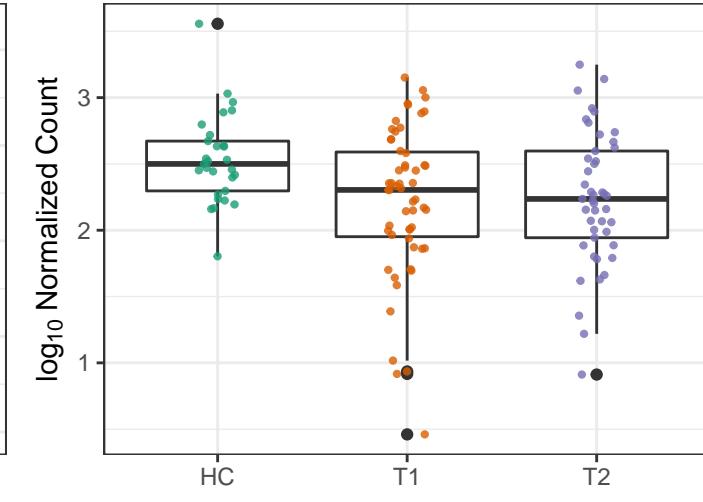


### Phenylobacterium

HC vs. T1 p = 0.0077

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.81

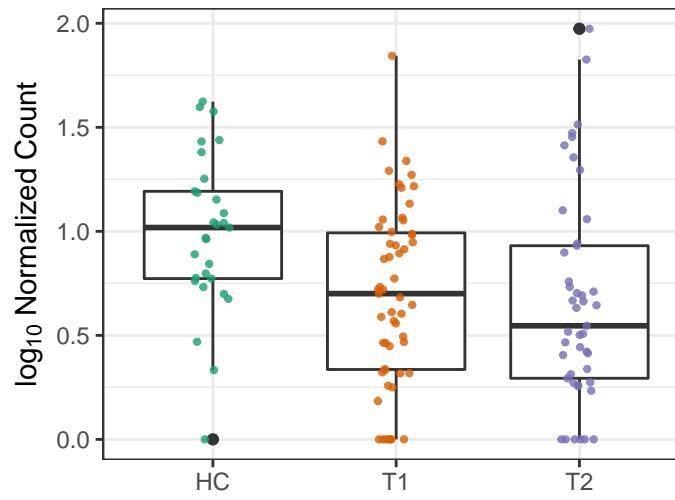


### Candidatus Fokinia

HC vs. T1 p = 0.0078

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.97

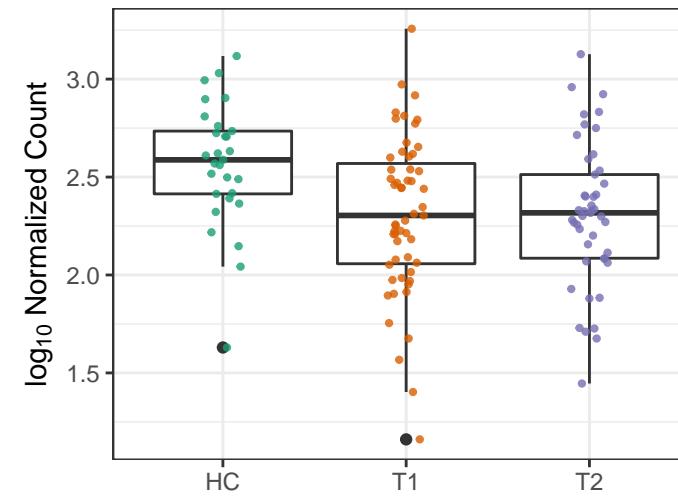


### Gluconobacter

HC vs. T1 p = 0.0078

HC vs. T2 p = 0.013

T1 vs. T2 p = 0.79

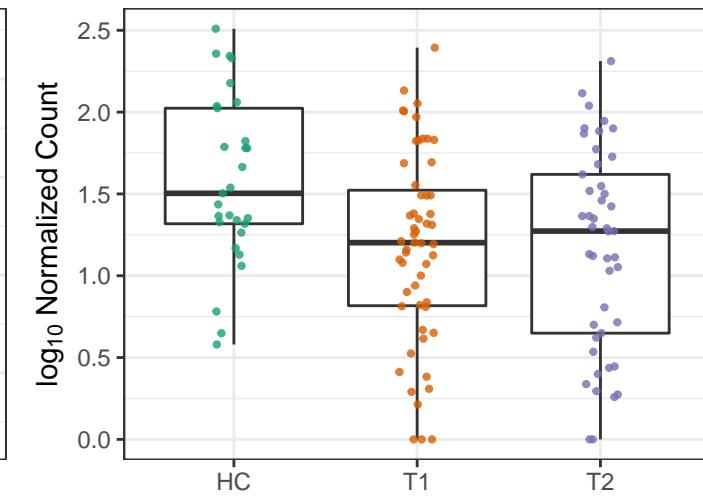


### Unclassified Promicromonosporaceae R

HC vs. T1 p = 0.0078

HC vs. T2 p = 0.015

T1 vs. T2 p = 0.86

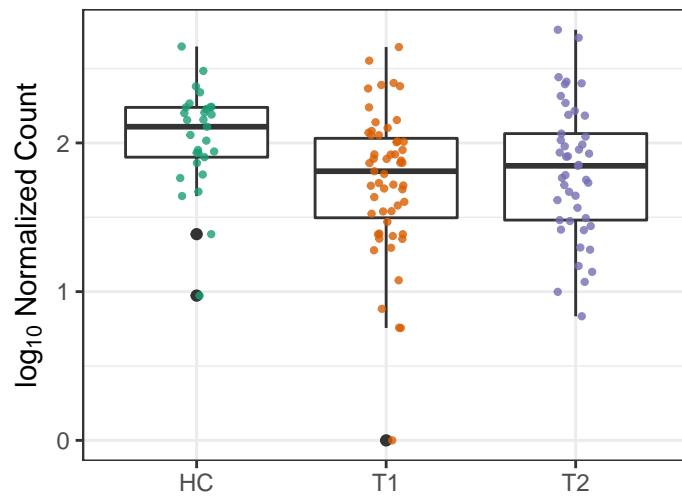


### *Allochromatium*

HC vs. T1 p = 0.0078

HC vs. T2 p = 0.041

T1 vs. T2 p = 0.78

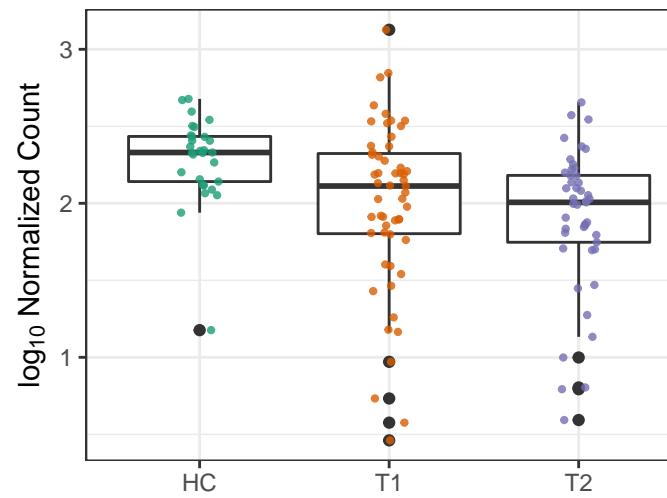


### *Ferrovibrio*

HC vs. T1 p = 0.0078

HC vs. T2 p = 0.0025

T1 vs. T2 p = 0.91

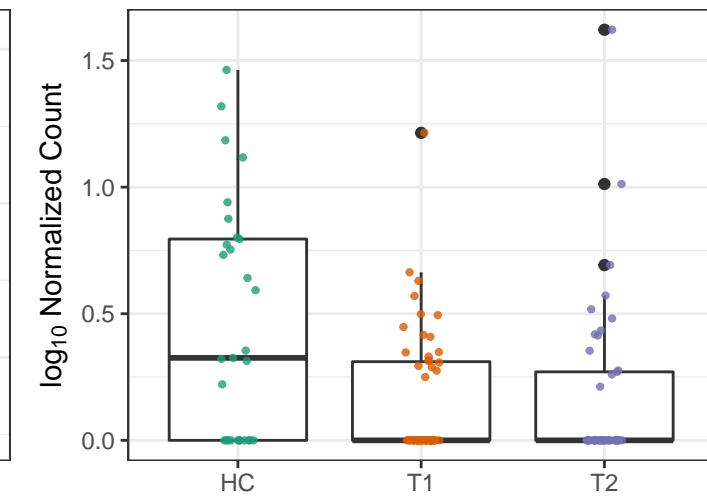


### *Hapavirus*

HC vs. T1 p = 0.0079

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.97

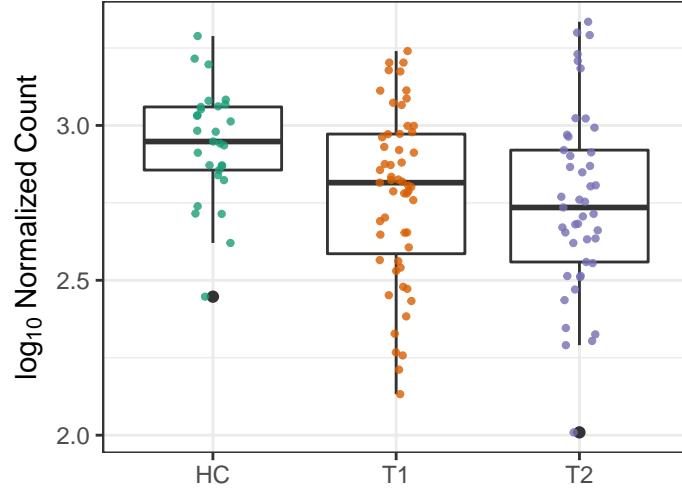


### *Pectobacterium*

HC vs. T1 p = 0.0079

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.99

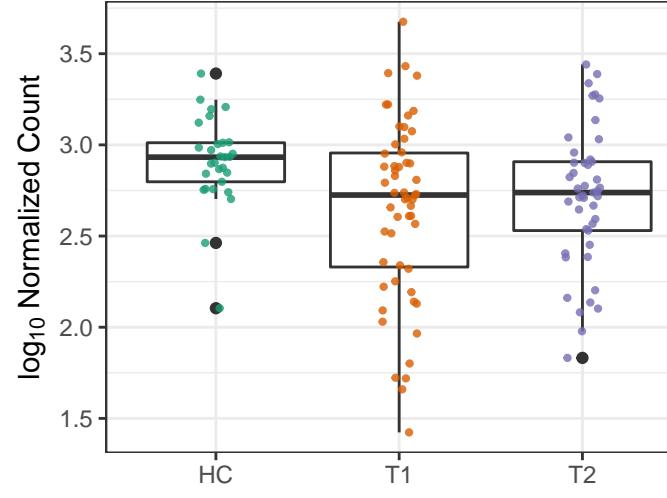


### Unclassified Comamonadaceae Family

HC vs. T1 p = 0.0081

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

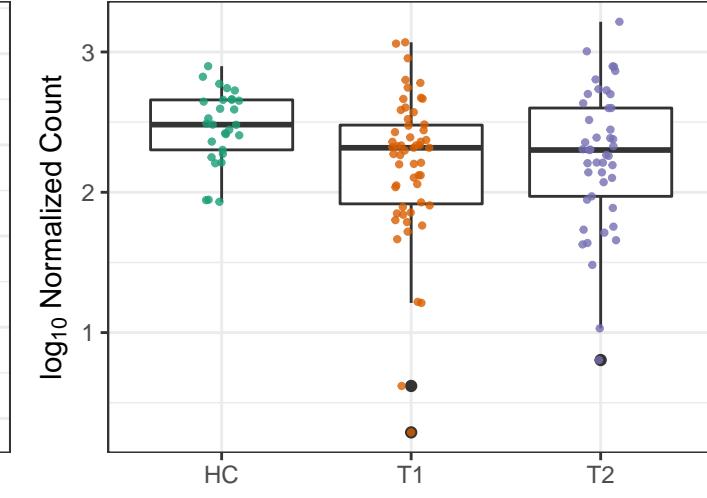


### *Halorubrum*

HC vs. T1 p = 0.0081

HC vs. T2 p = 0.037

T1 vs. T2 p = 0.78

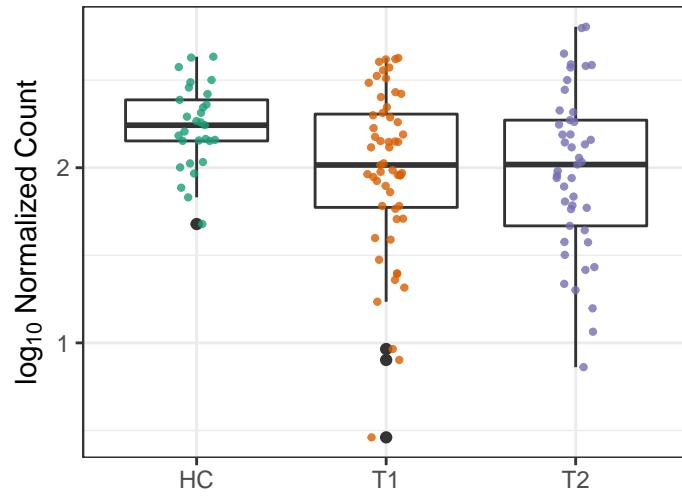


### *Sulfurivermis*

HC vs. T1 p = 0.0081

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.9

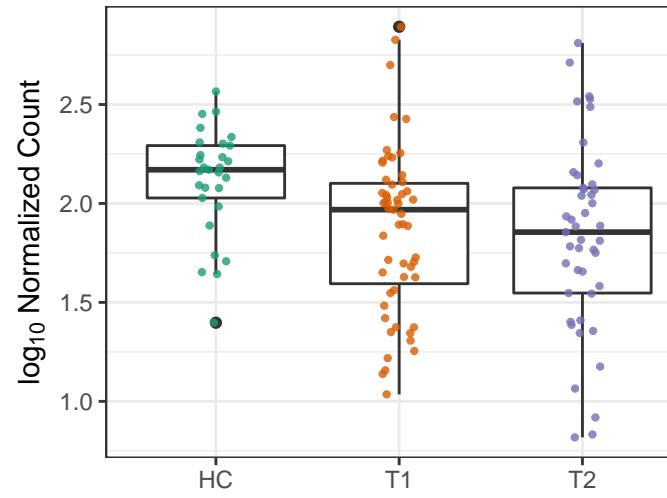


### *Pyrococcus*

HC vs. T1 p = 0.0082

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.93

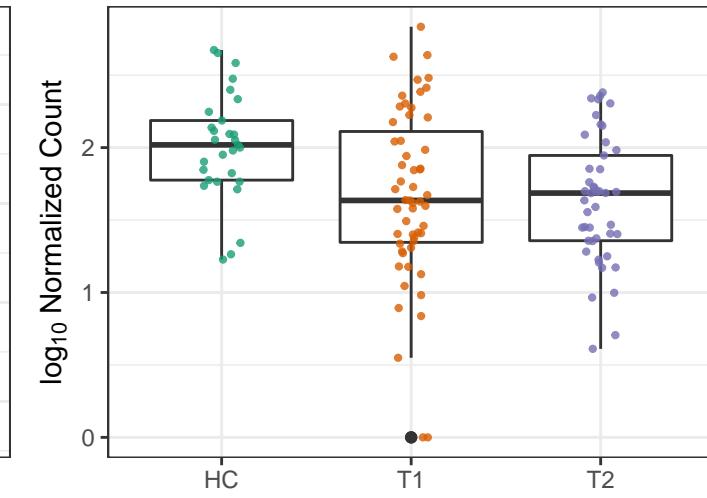


### *Pistricoccus*

HC vs. T1 p = 0.0082

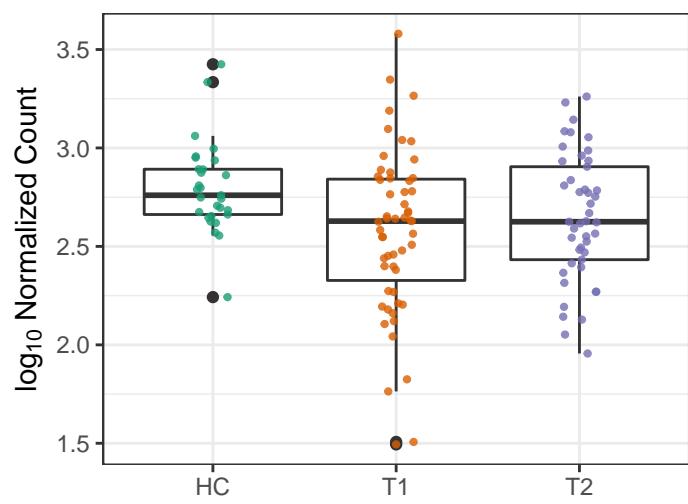
HC vs. T2 p = 0.0049

T1 vs. T2 p = 1



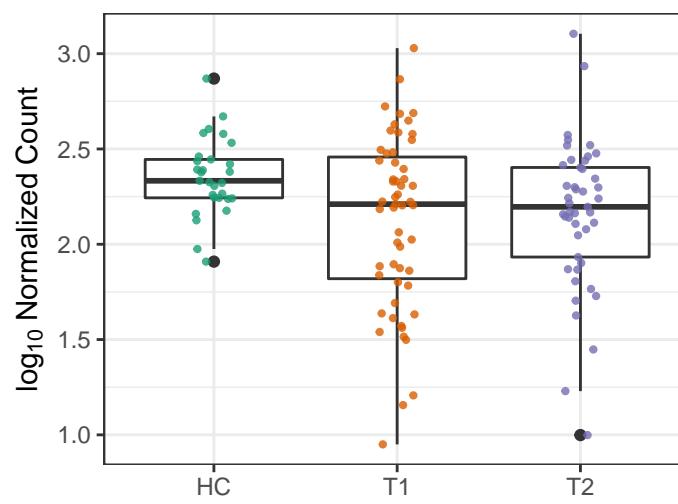
### Alcanivorax

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.78



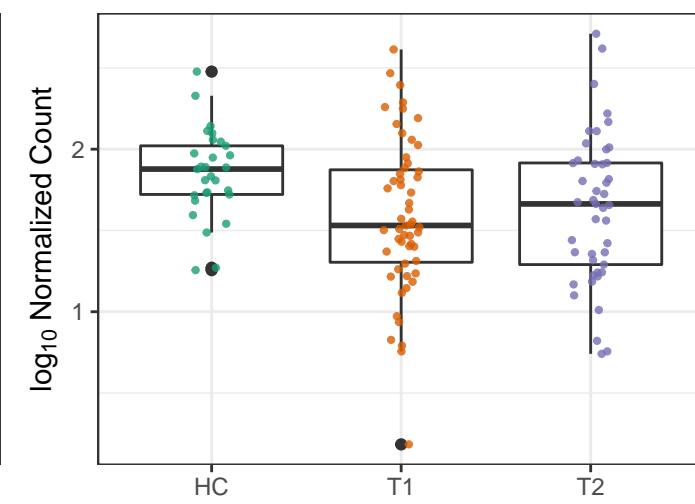
### Emcibacter

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.82



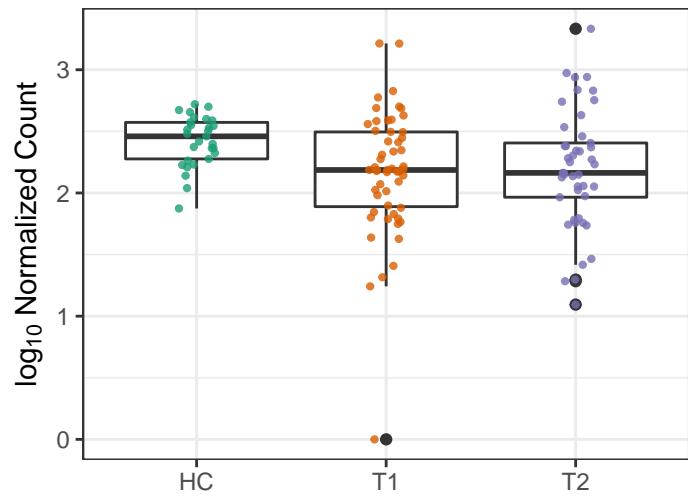
### Ketobacter

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.91



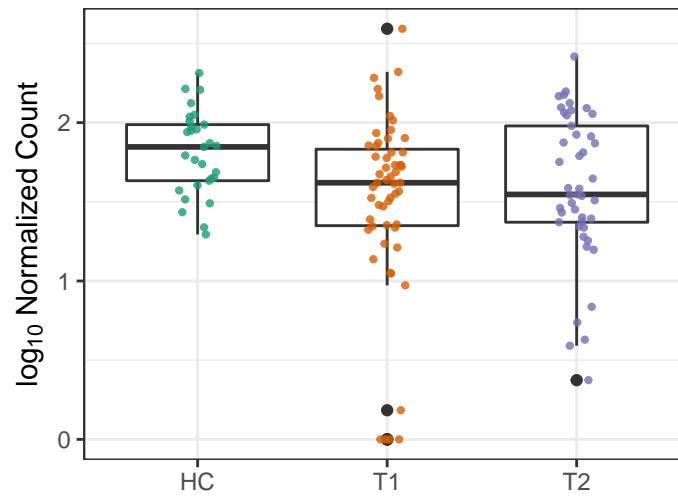
### Luteibacter

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.9



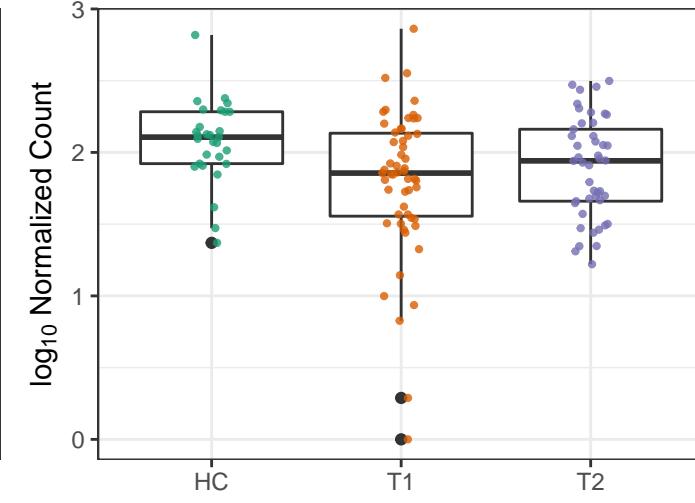
### Bacterioplanes

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.78



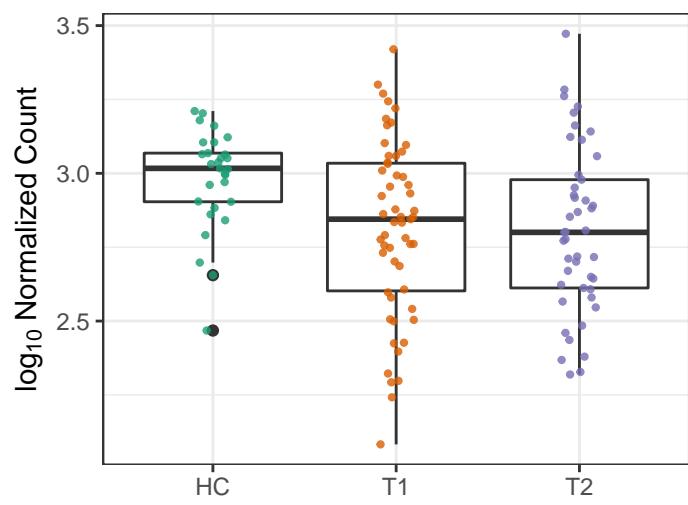
### Denitratisoma

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.78



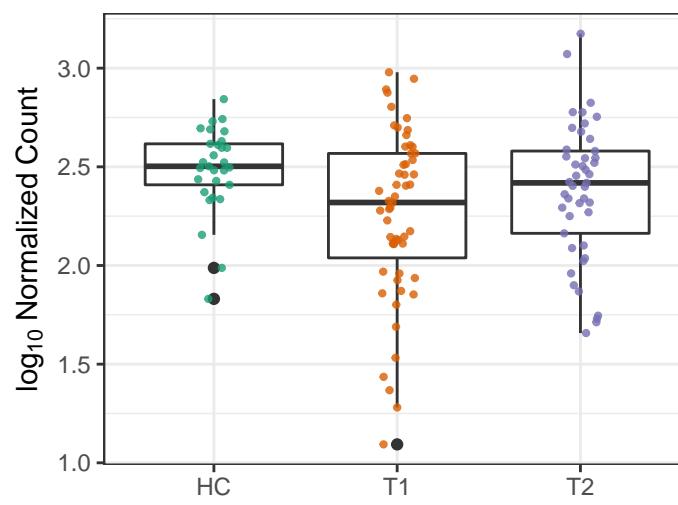
### Fusarium

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.98



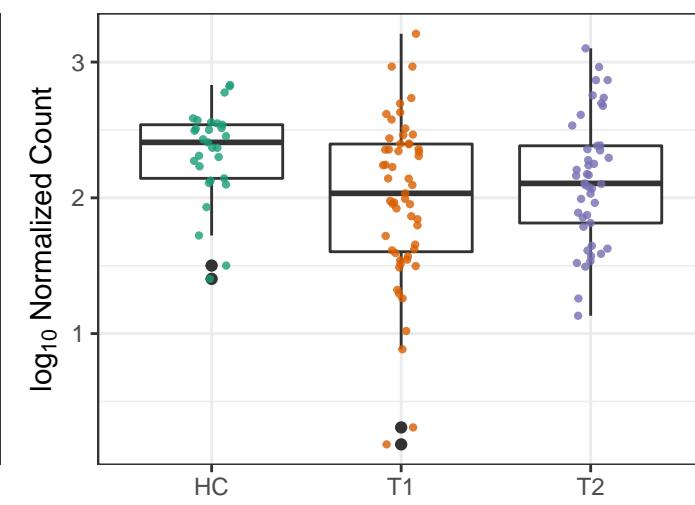
### Nakamurella

HC vs. T1 p = 0.0082  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.78



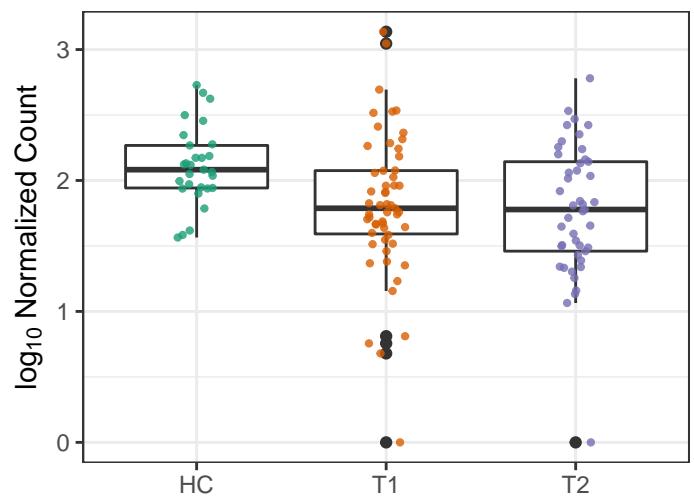
### Thermomonospora

HC vs. T1 p = 0.0083  
HC vs. T2 p = 0.068  
T1 vs. T2 p = 0.78



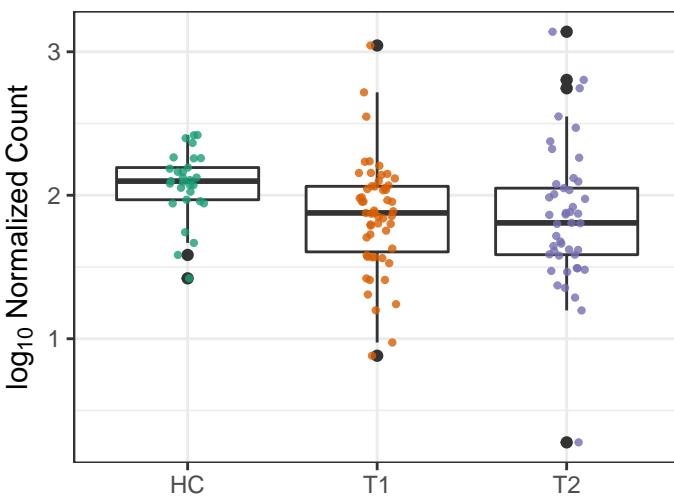
### Fuerstia

HC vs. T1 p = 0.0083  
HC vs. T2 p = 0.0073  
T1 vs. T2 p = 1



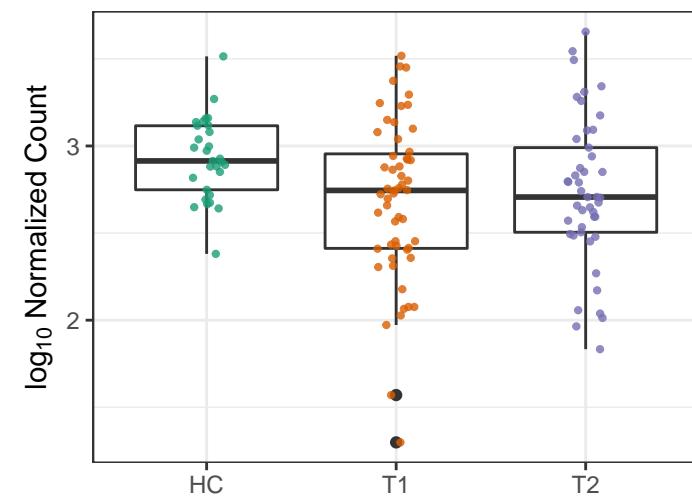
### Rouxiella

HC vs. T1 p = 0.0085  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 1



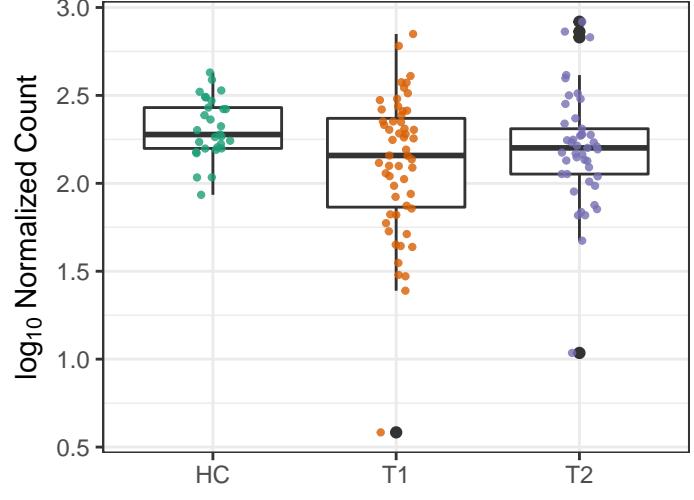
### Brachybacterium

HC vs. T1 p = 0.0085  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.78



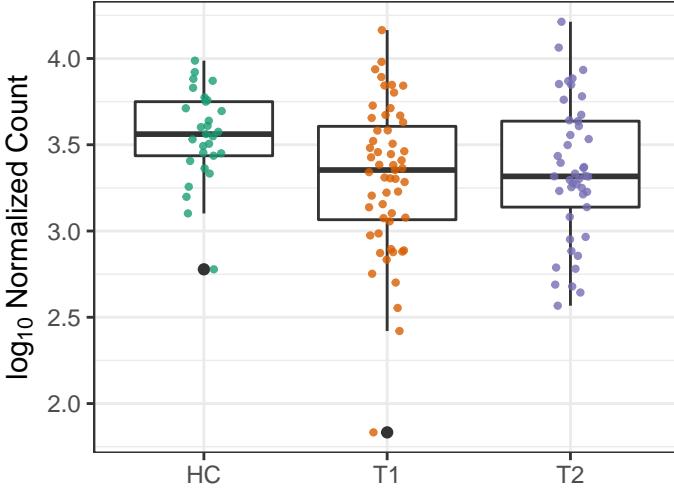
### Dechloromonas

HC vs. T1 p = 0.0085  
HC vs. T2 p = 0.081  
T1 vs. T2 p = 0.78



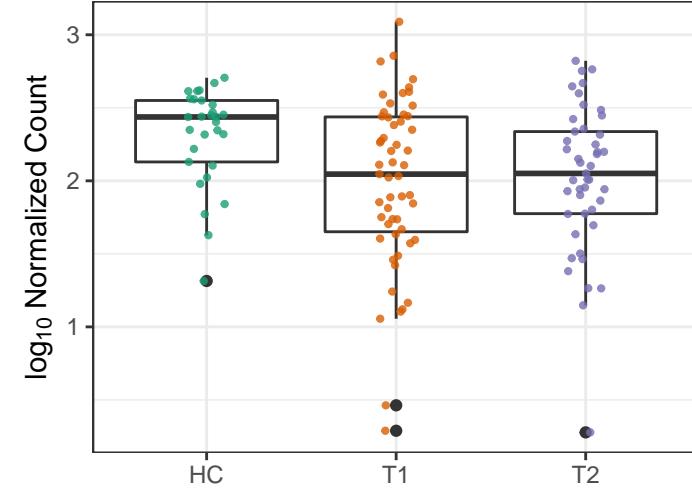
### Microbacterium

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



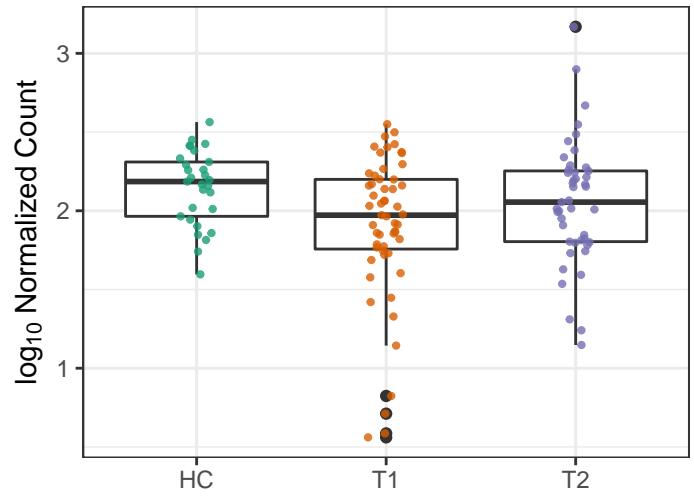
### Phycisphaera

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.92



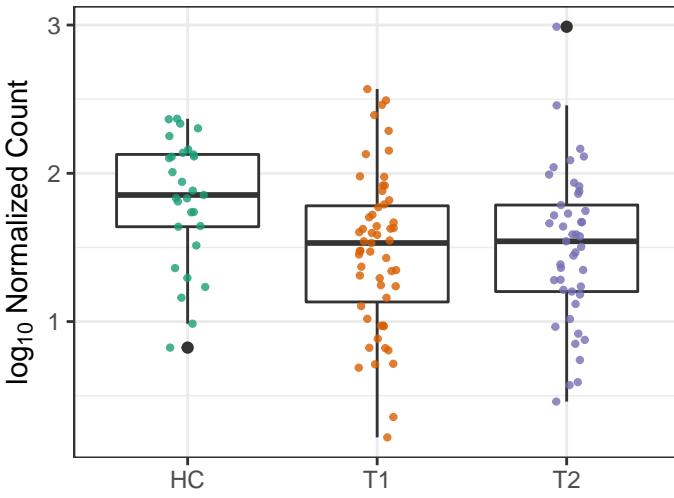
### Acidobacterium

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.26  
T1 vs. T2 p = 0.78



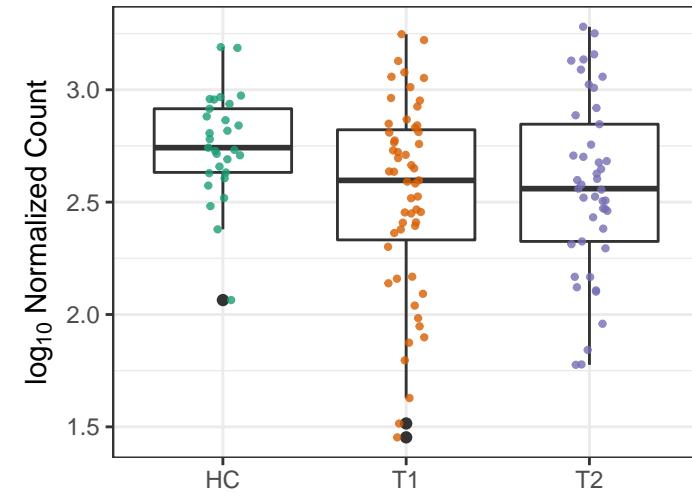
### Bergeyella

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.85



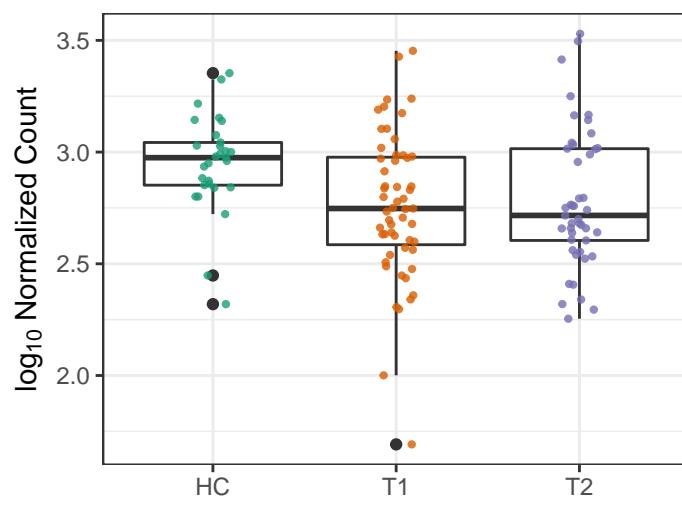
### Devosia

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78



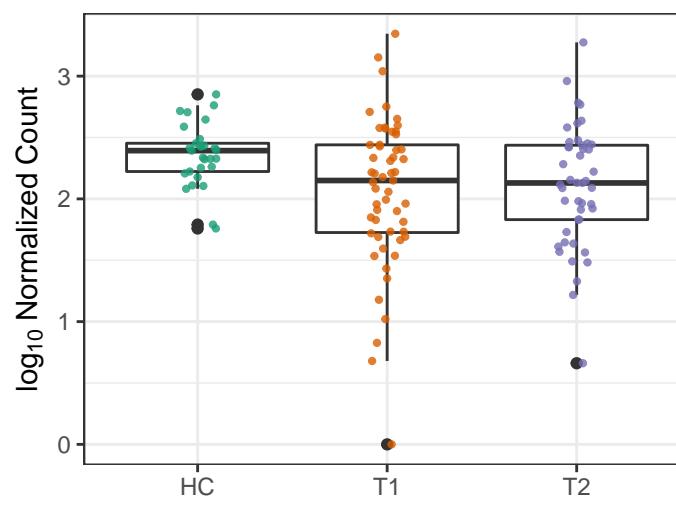
### Erwinia

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



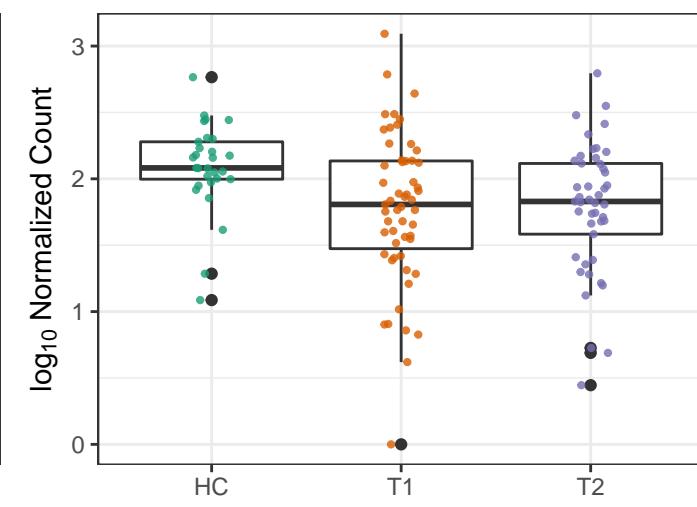
### Rhodanobacter

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



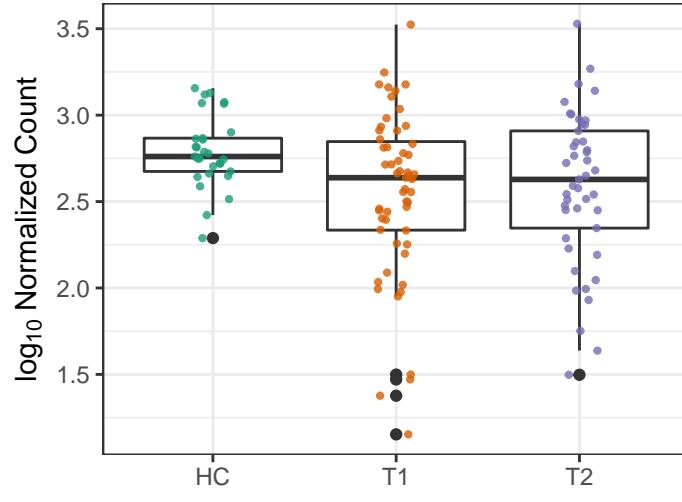
### Salinisphaera

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.81



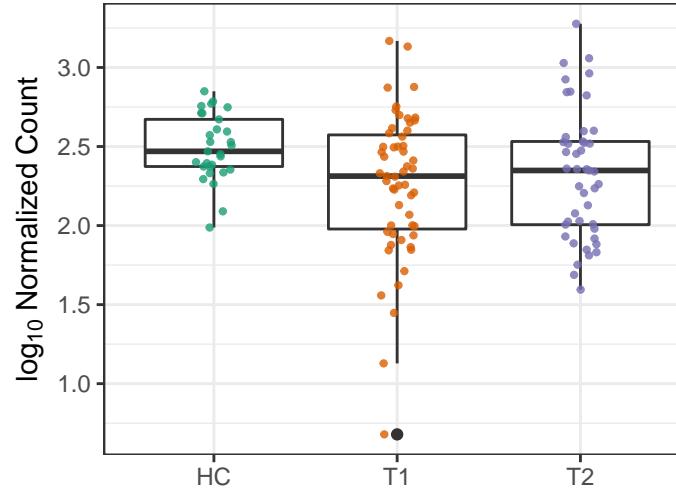
### Streptosporangium

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



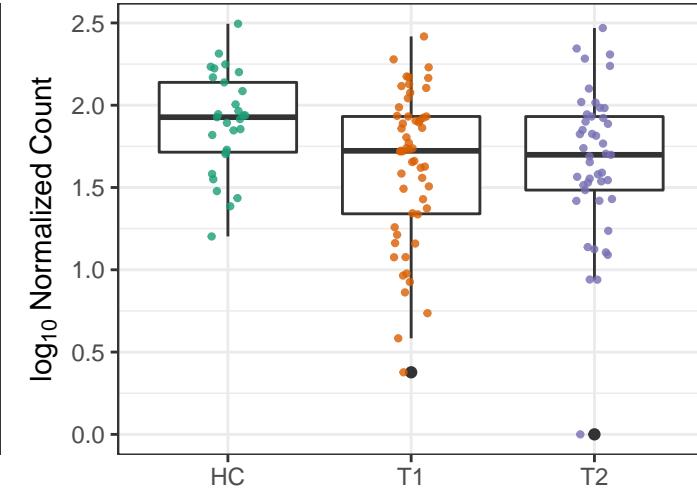
### Unclassified Bradymonadales Order

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.047  
T1 vs. T2 p = 0.78



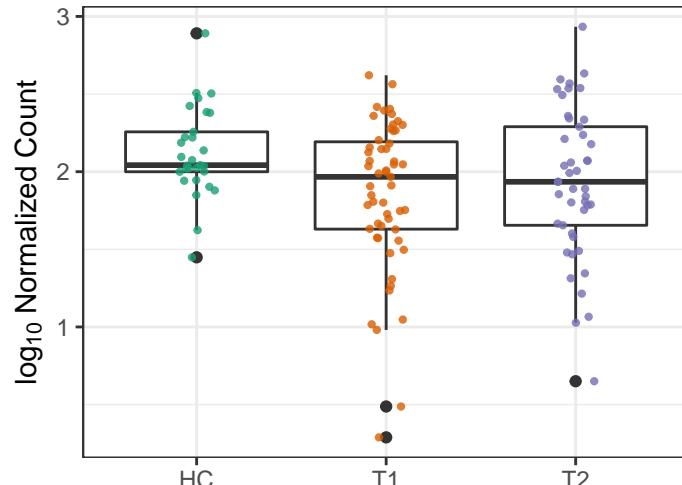
### Unclassified Ectothiorhodospiraceae Fa

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.81



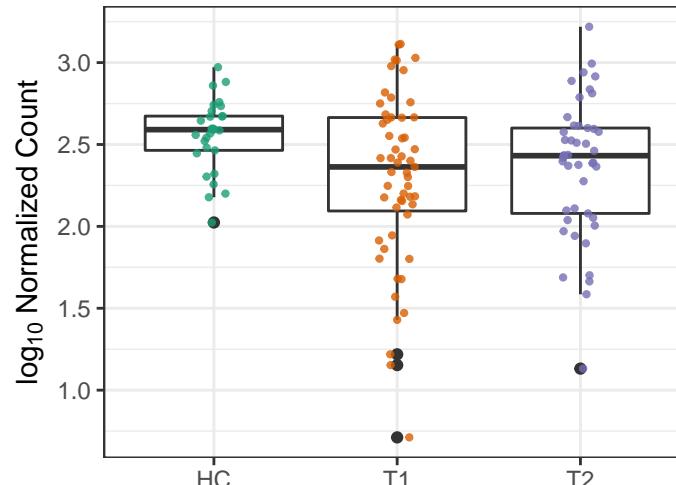
### Unclassified Propionibacterales Order

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.063  
T1 vs. T2 p = 0.78



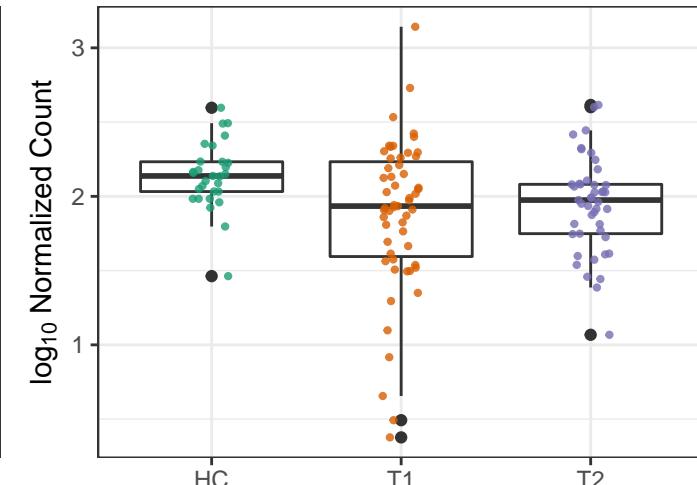
### Unclassified Rhodothermaceae Family

HC vs. T1 p = 0.0086  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78



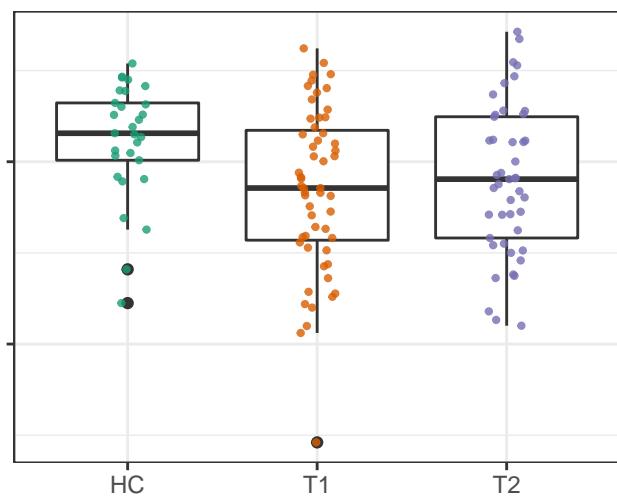
### Kerstersia

HC vs. T1 p = 0.0087  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.78



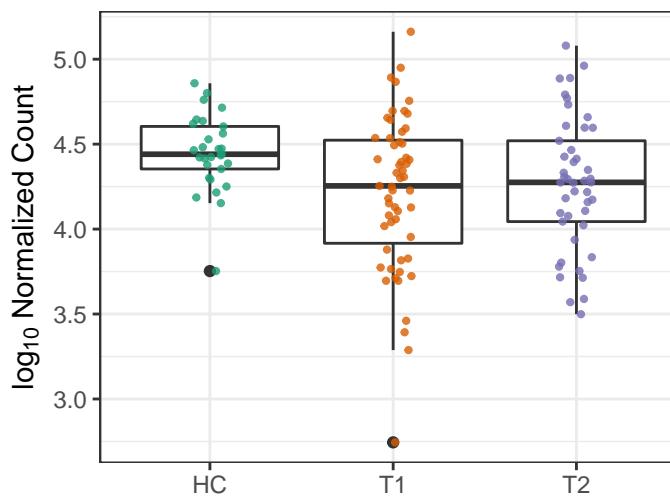
### Scardovia

HC vs. T1 p = 0.0087  
HC vs. T2 p = 0.034  
T1 vs. T2 p = 0.78



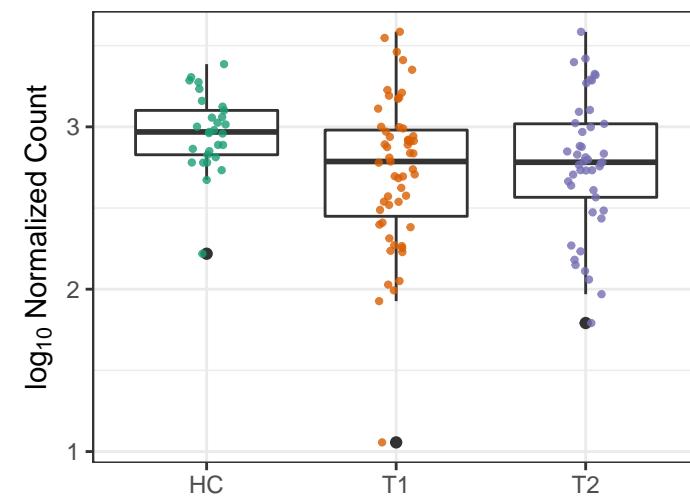
### Streptomyces

HC vs. T1 p = 0.0087  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78



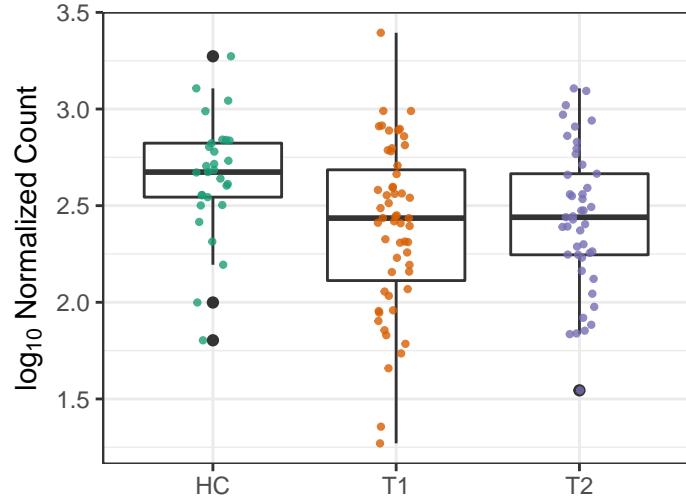
### Rhodobacter

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



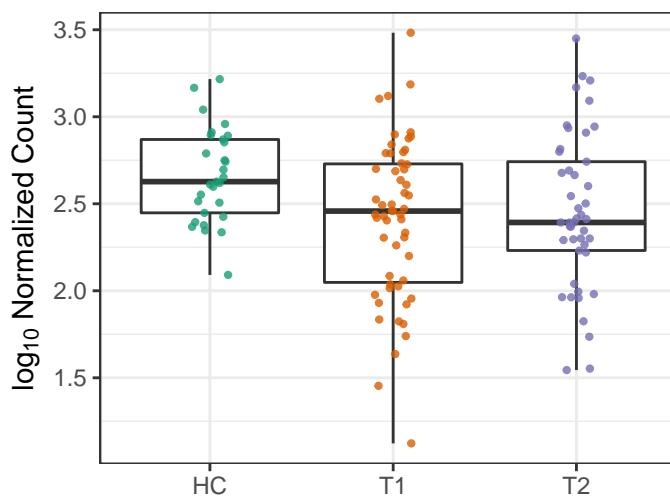
### Unclassified Alcaligenaceae Family

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



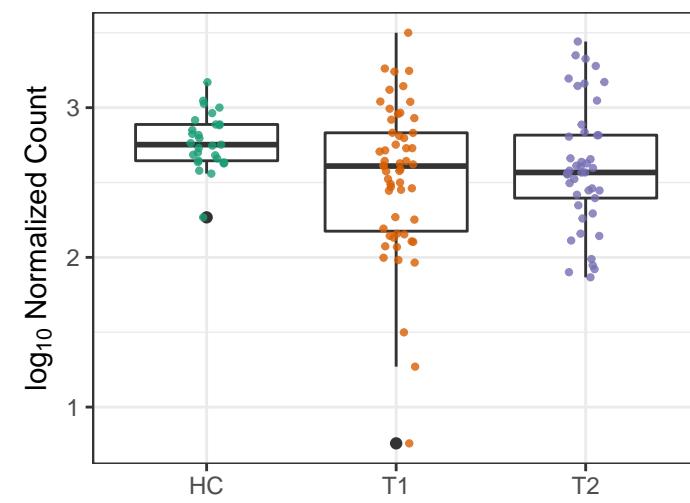
### Archangium

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.78



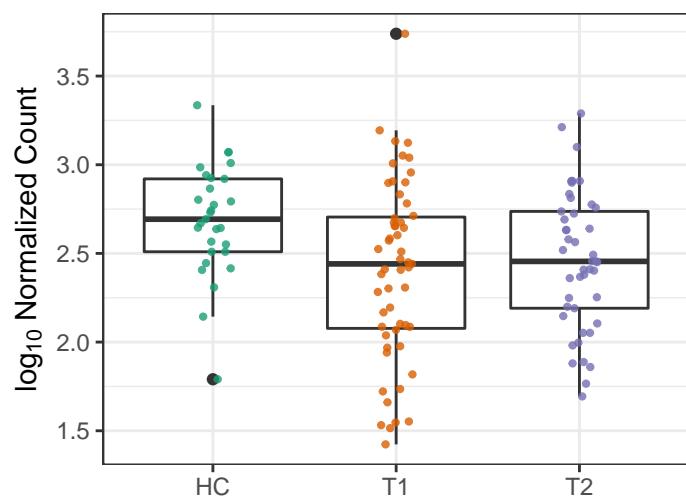
### Leifsonia

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.78



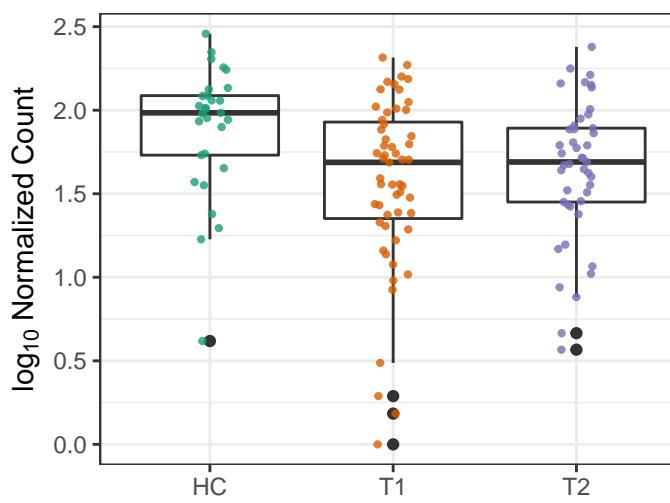
### Plantactinospora

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



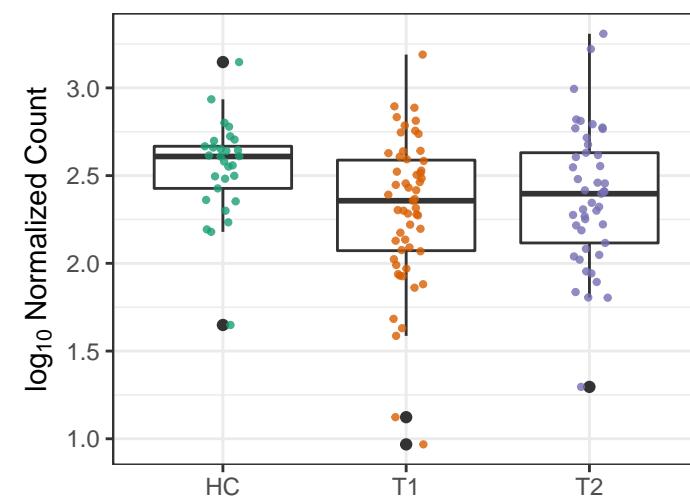
### Psychromicrobium

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.034  
T1 vs. T2 p = 0.78



### Unclassified Anaerolineaceae Family

HC vs. T1 p = 0.0088  
HC vs. T2 p = 0.07  
T1 vs. T2 p = 0.78

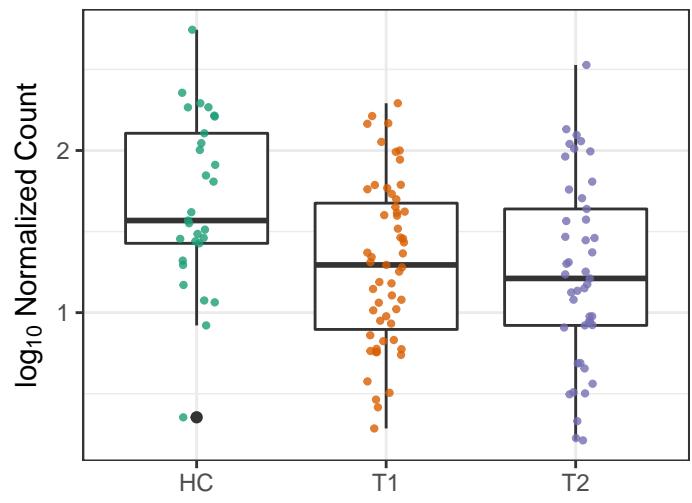


### Ferroplasma

HC vs. T1 p = 0.0089

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.98

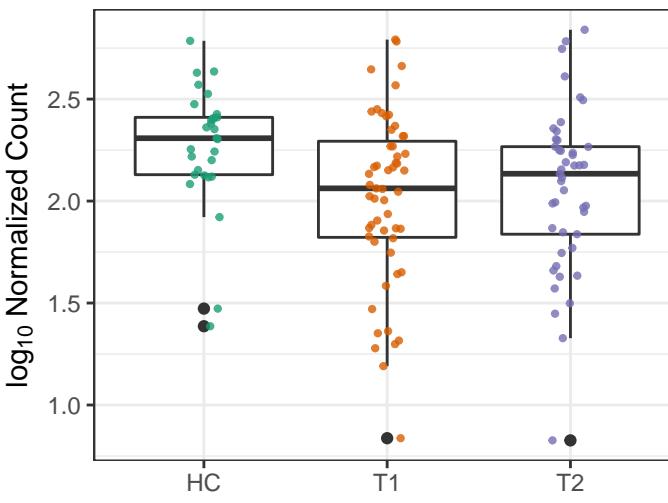


### Anaerohalosphaera

HC vs. T1 p = 0.009

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.78

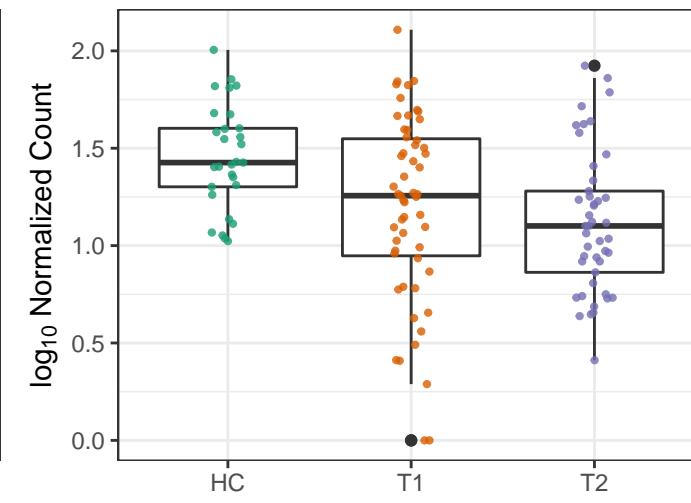


### Unclassified Piscirickettsiaceae Family

HC vs. T1 p = 0.009

HC vs. T2 p = 0.0023

T1 vs. T2 p = 0.78

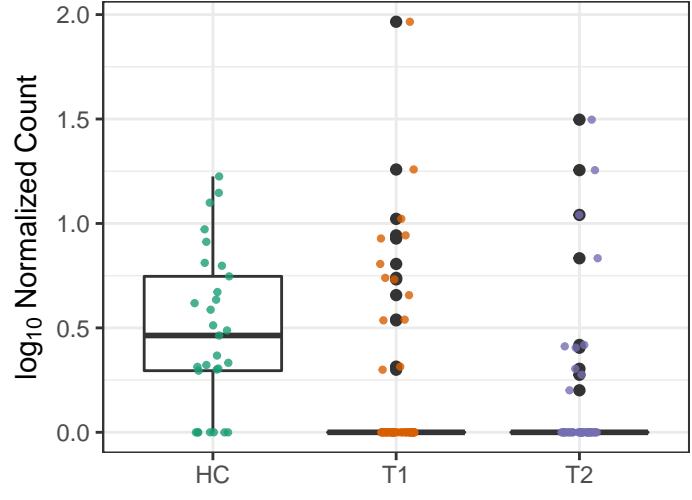


### Unclassified Thaumarchaeota Phylum

HC vs. T1 p = 0.009

HC vs. T2 p = 0.006

T1 vs. T2 p = 0.89

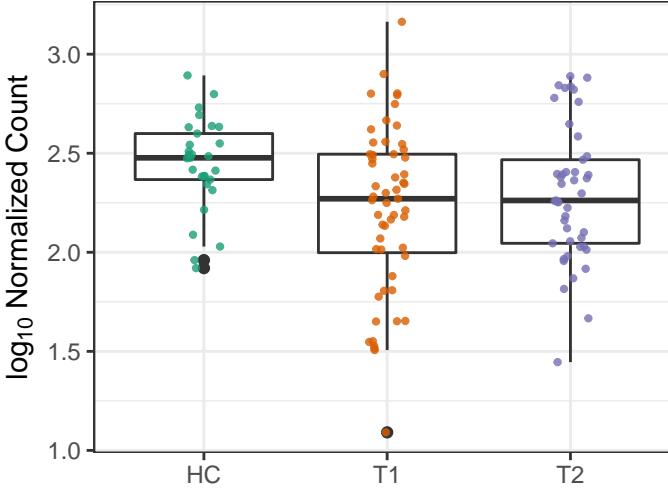


### Pannonibacter

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.055

T1 vs. T2 p = 0.78

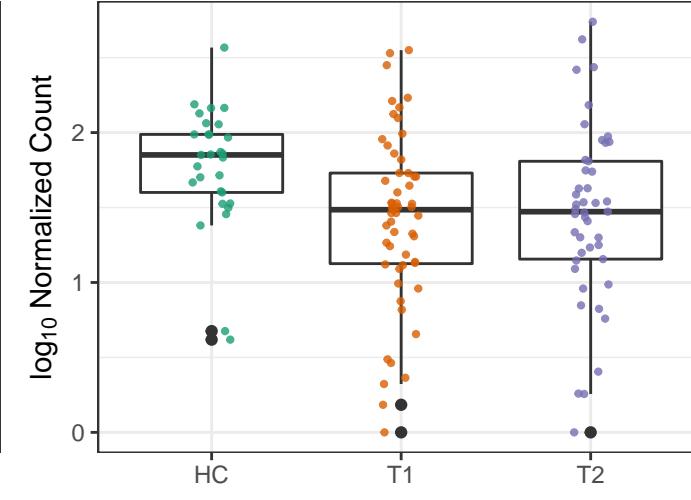


### Halohasta

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

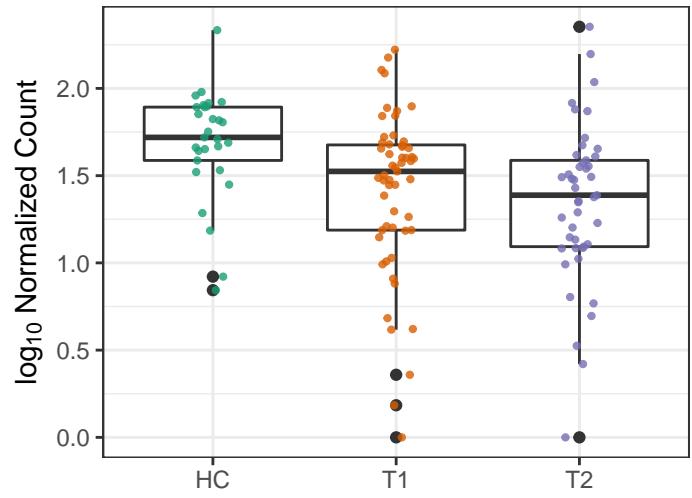


### Kingella

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.006

T1 vs. T2 p = 1

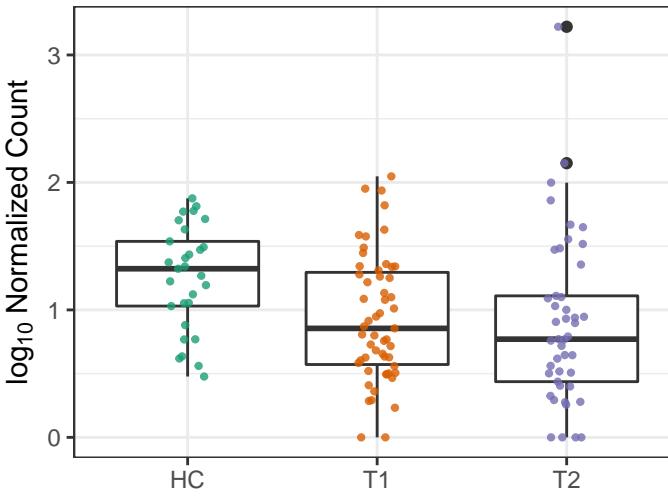


### Candidatus Sneabacter

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.99

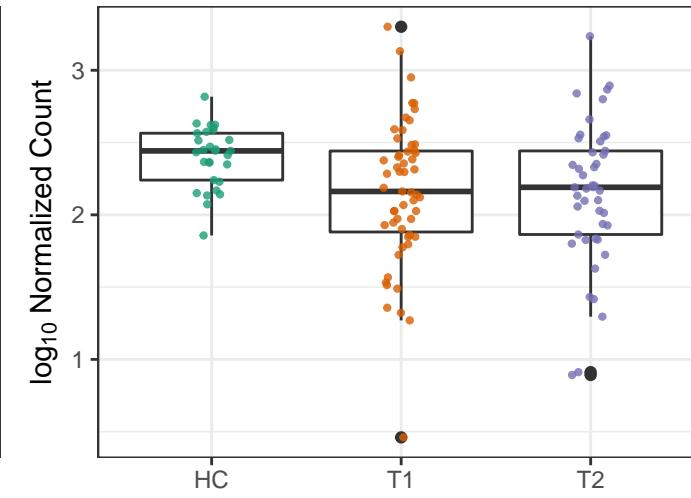


### Ancylobacter

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.9

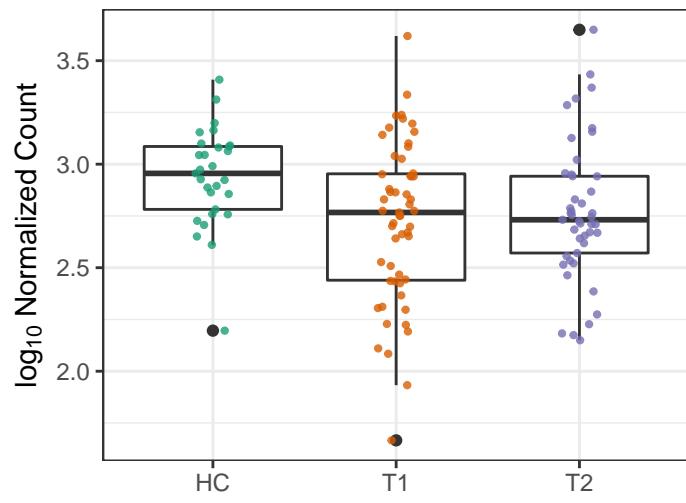


### Komagataeibacter

HC vs. T1 p = 0.0091

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

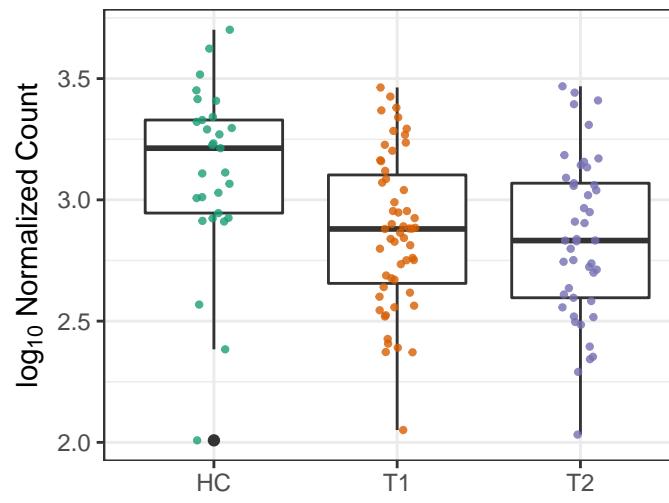


### Unclassified Clostridiaceae Family

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.92

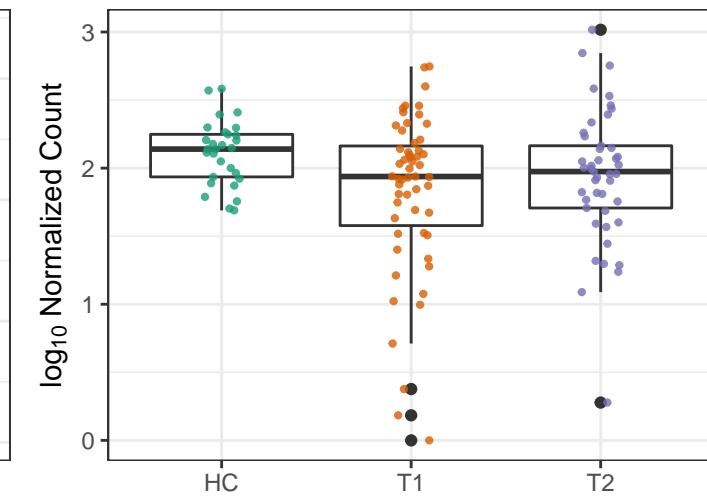


### Marinithermus

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.079

T1 vs. T2 p = 0.78

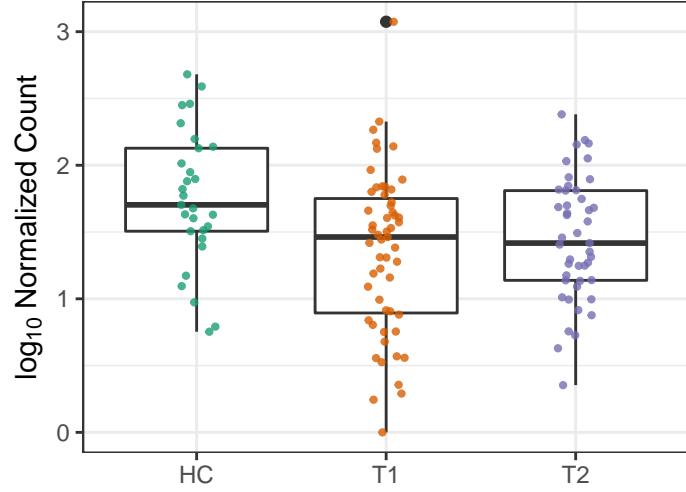


### Natronococcus

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.78

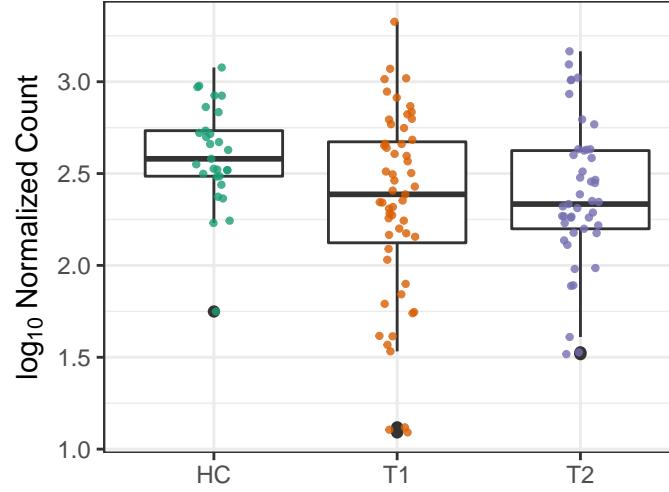


### Polaromonas

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.79

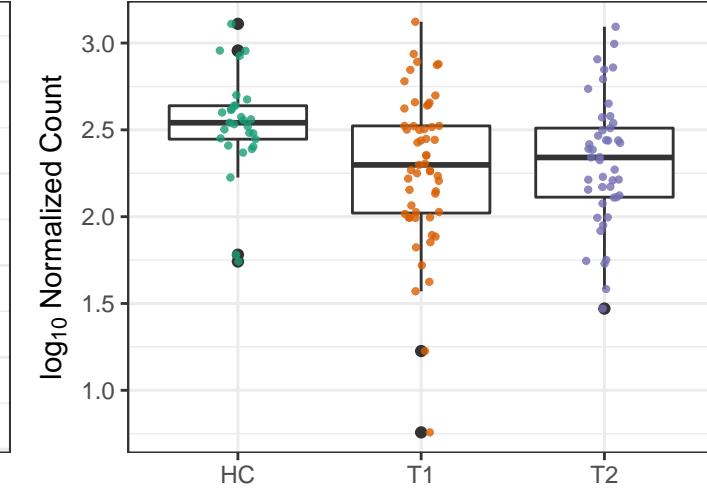


### Roseiflexus

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.78

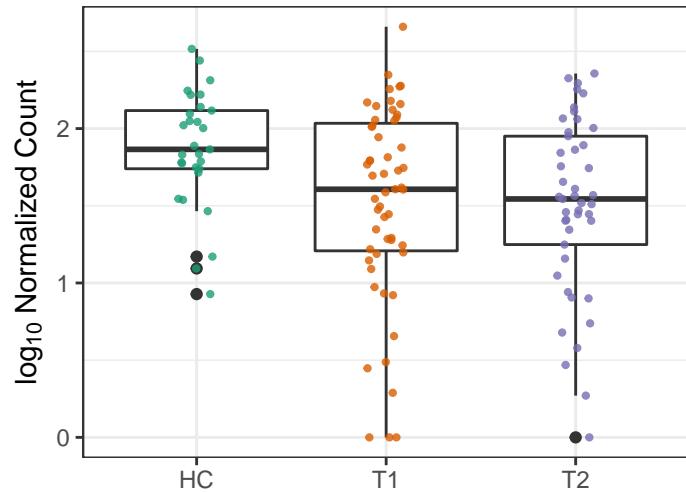


### Unclassified Intrasporangiaceae Family

HC vs. T1 p = 0.0092

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.91

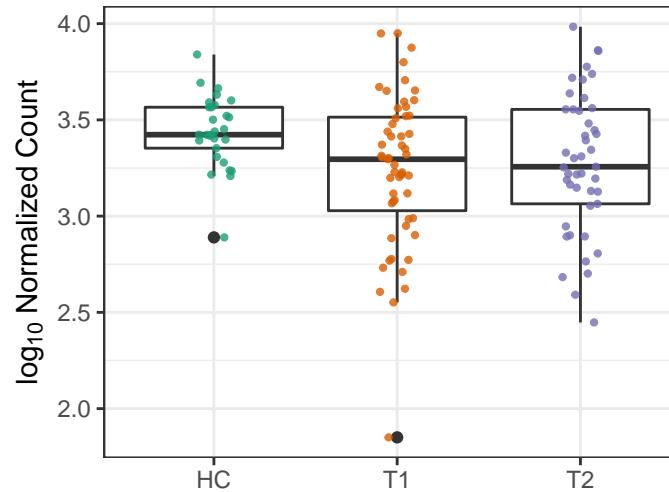


### Aeromonas

HC vs. T1 p = 0.0093

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

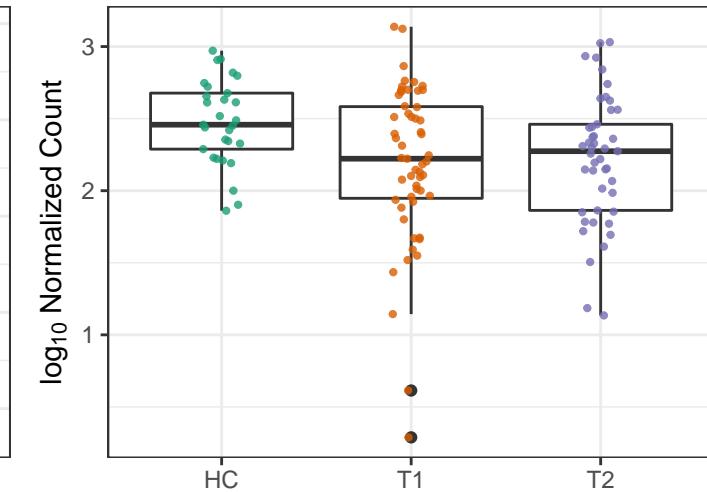


### Ectothiorhodospira

HC vs. T1 p = 0.0093

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.82

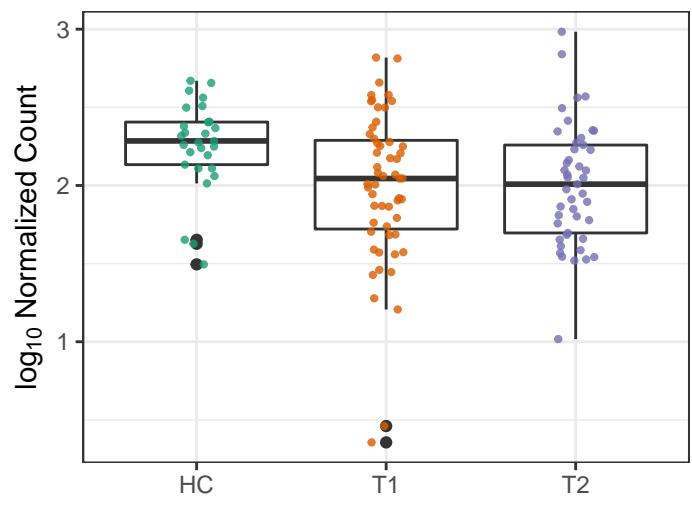


### Unclassified Acetobacteraceae Family

HC vs. T1 p = 0.0093

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.92

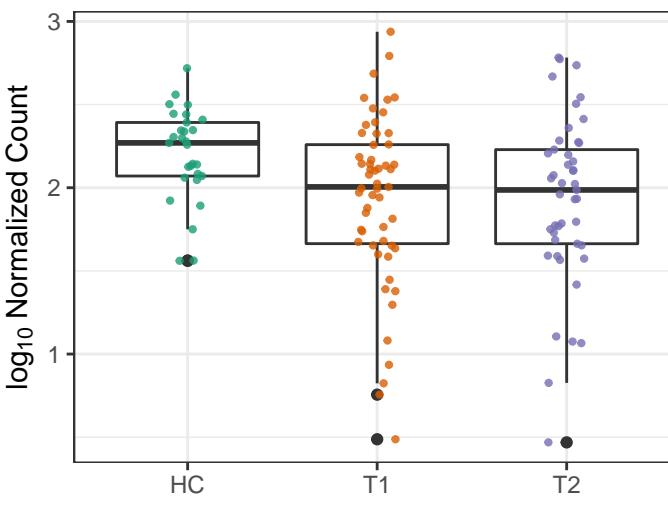


### Desulfoglaeba

HC vs. T1 p = 0.0093

HC vs. T2 p = 0.016

T1 vs. T2 p = 0.95

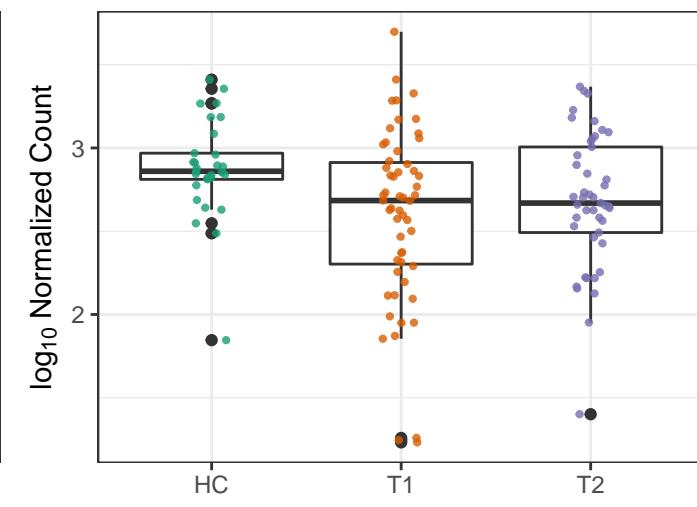


### Actinomadura

HC vs. T1 p = 0.0094

HC vs. T2 p = 0.043

T1 vs. T2 p = 0.78

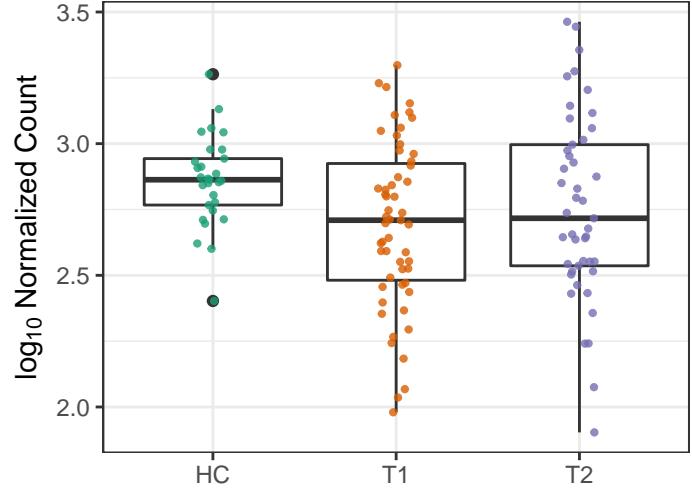


### Sphaerochaeta

HC vs. T1 p = 0.0095

HC vs. T2 p = 0.14

T1 vs. T2 p = 0.78

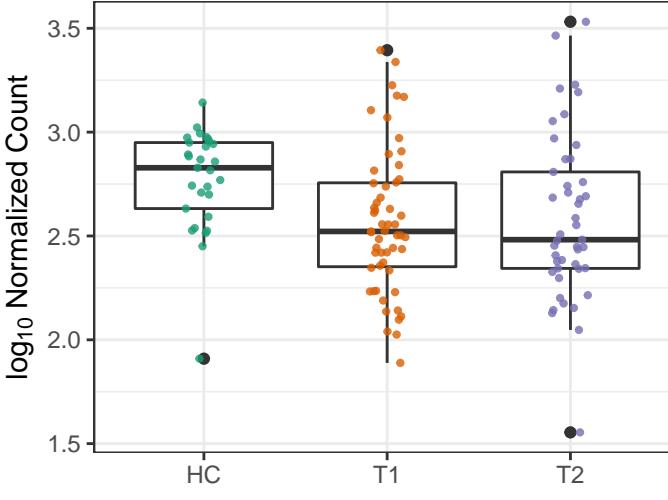


### Ruminiclostridium

HC vs. T1 p = 0.0095

HC vs. T2 p = 0.036

T1 vs. T2 p = 0.92

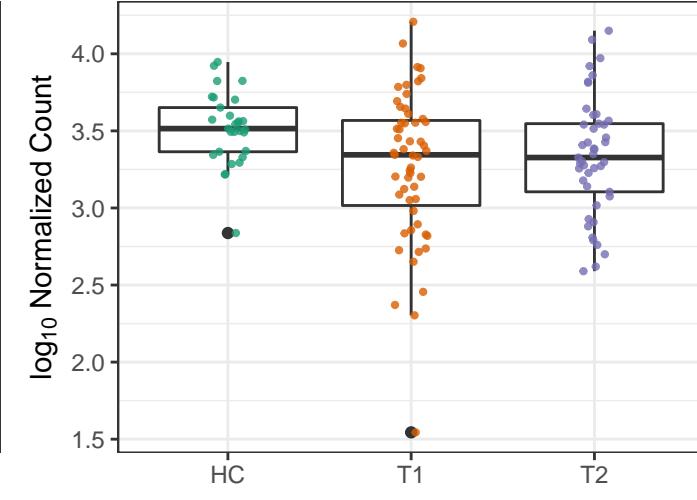


### Micromonospora

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

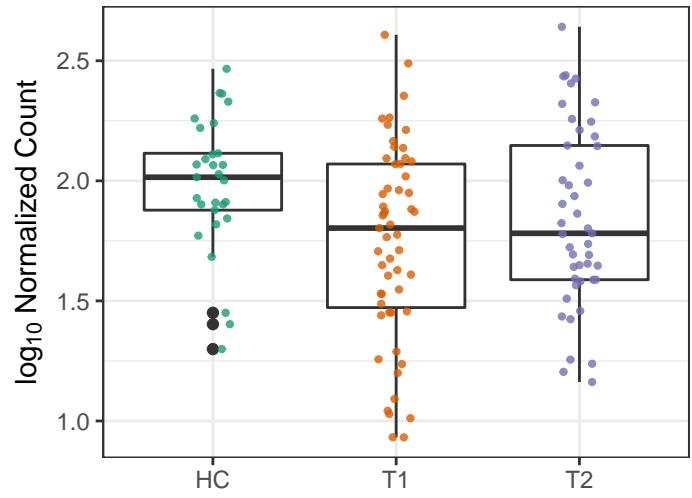


### Moorea

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.12

T1 vs. T2 p = 0.78

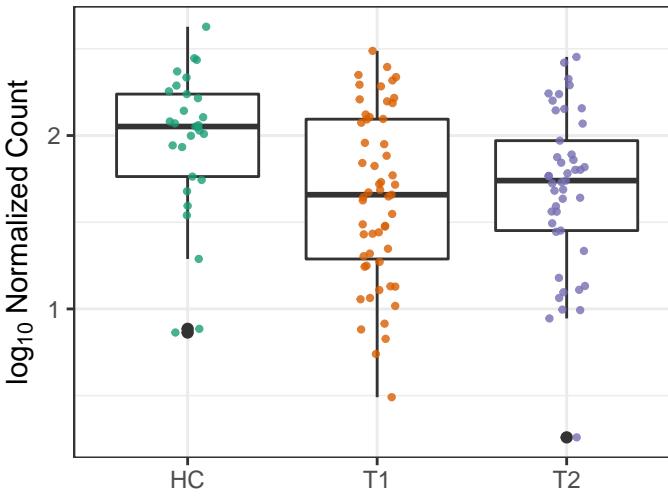


### Sedimentitalea

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

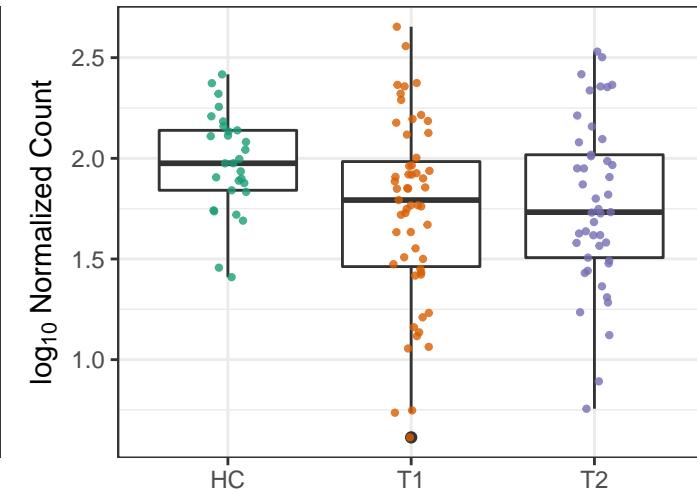


### Terasakiella

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

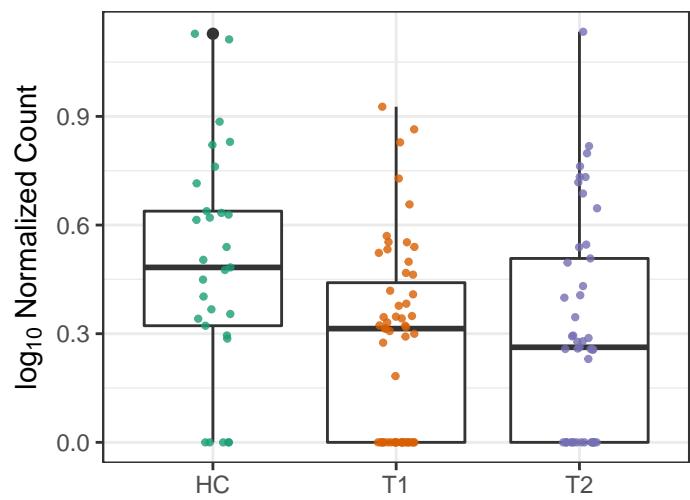


### Unclassified Deferribacteraceae Family

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.78

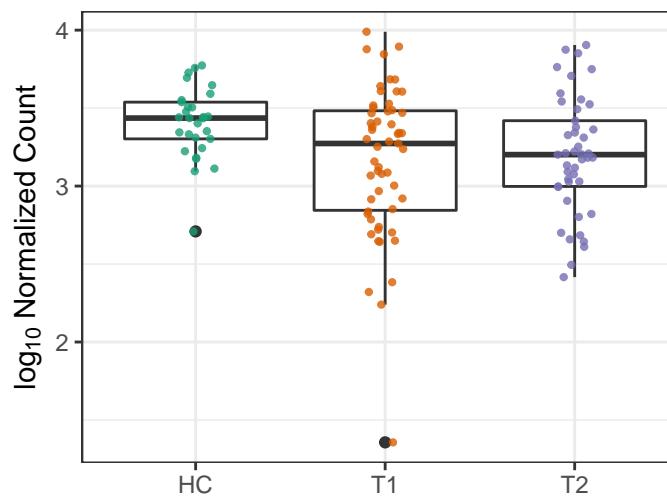


### Nocardioides

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.8

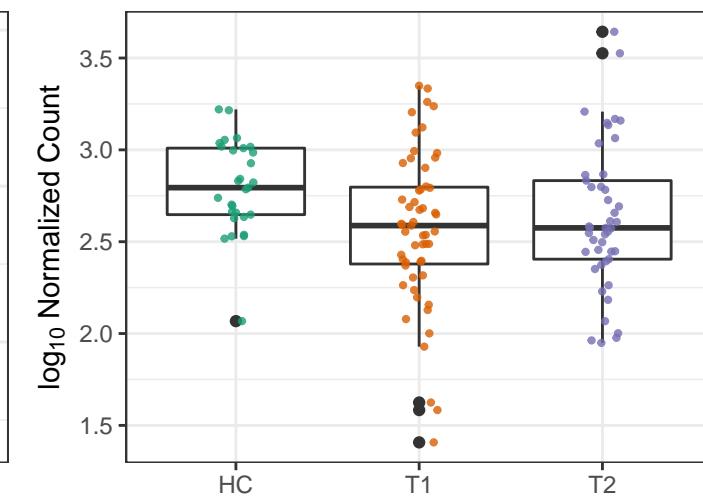


### Saccharomonospora

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.049

T1 vs. T2 p = 0.78

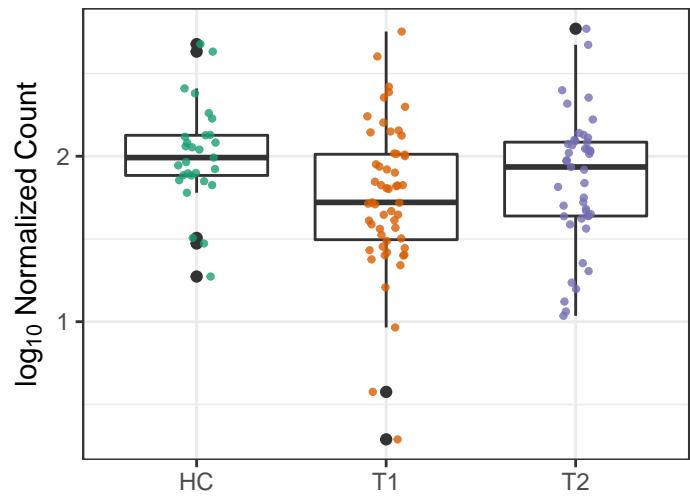


### Actinobaculum

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.094

T1 vs. T2 p = 0.78

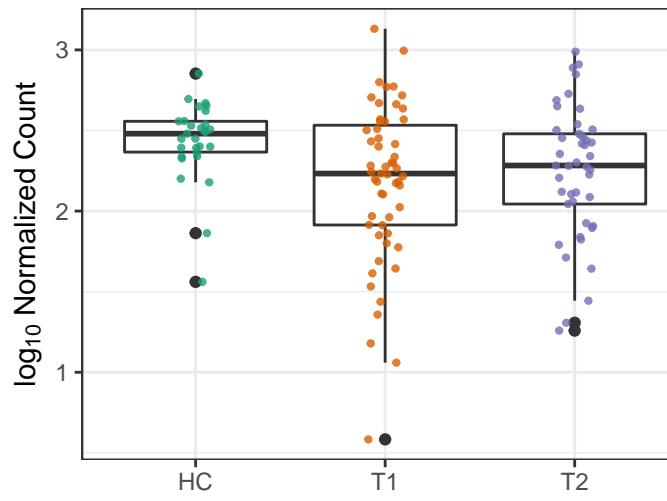


### Cystobacter

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.04

T1 vs. T2 p = 0.78

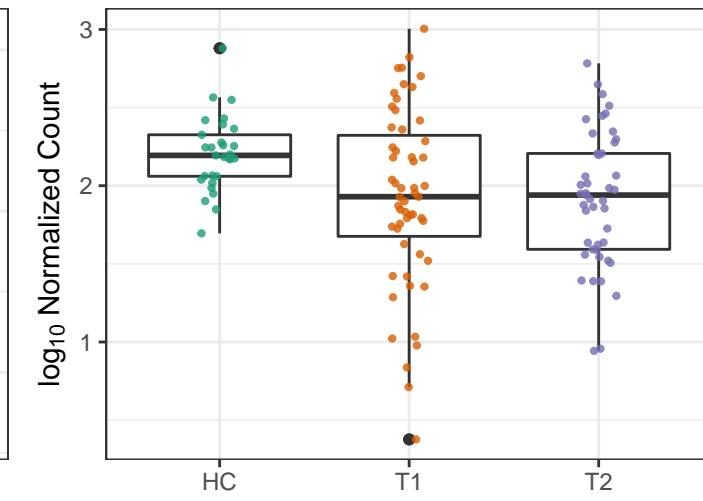


### Ereboglobus

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.0066

T1 vs. T2 p = 1

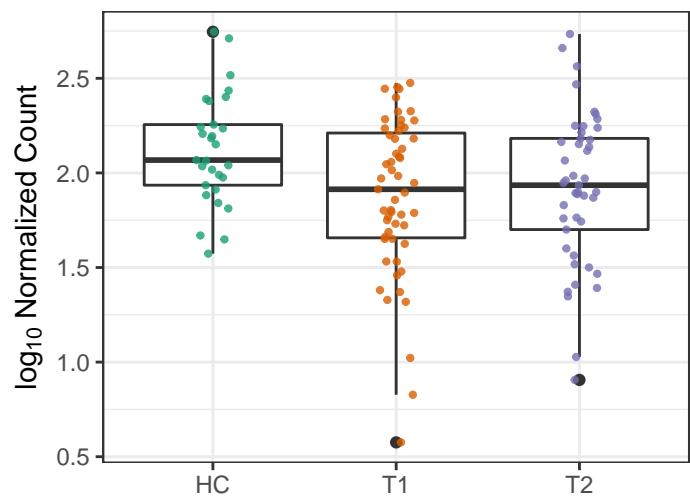


### Yarrowia

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.78

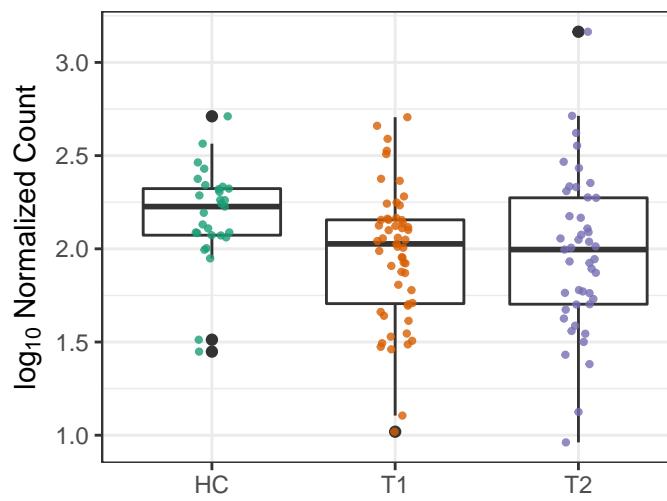


### Zymoseptoria

HC vs. T1 p = 0.0096

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.89

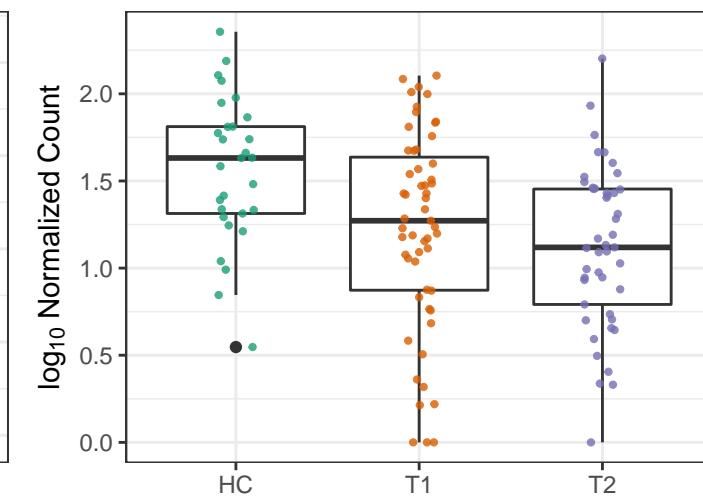


### Allofrancisella

HC vs. T1 p = 0.0096

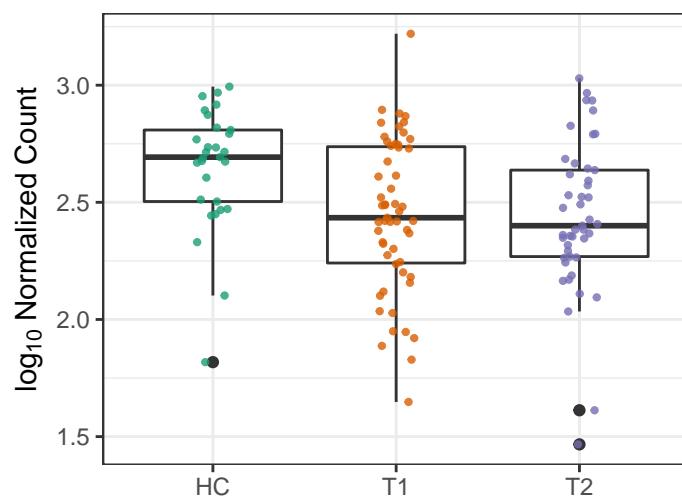
HC vs. T2 p = 0.0032

T1 vs. T2 p = 0.78



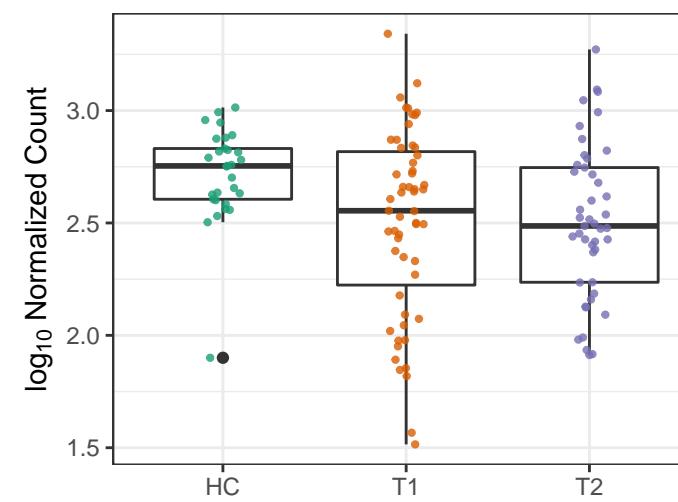
### Arachidicoccus

HC vs. T1 p = 0.0097  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.96



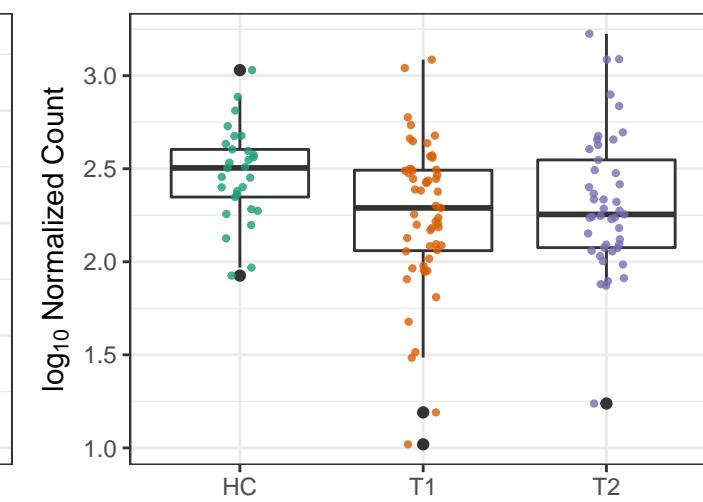
### Mycobacteroides

HC vs. T1 p = 0.0097  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.96



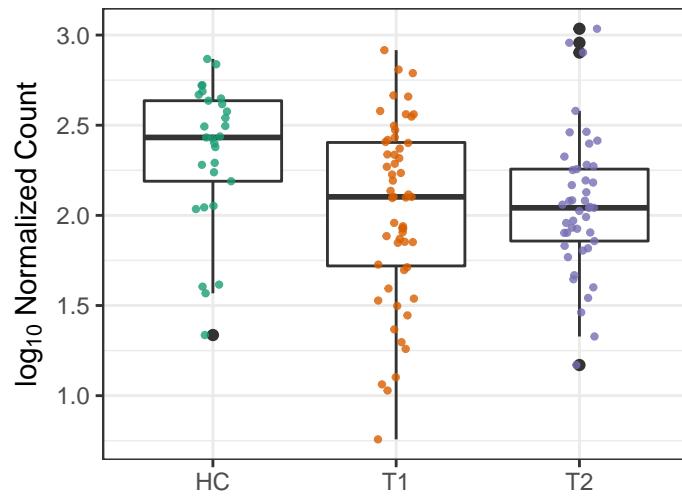
### Staphylospora

HC vs. T1 p = 0.0097  
HC vs. T2 p = 0.069  
T1 vs. T2 p = 0.78



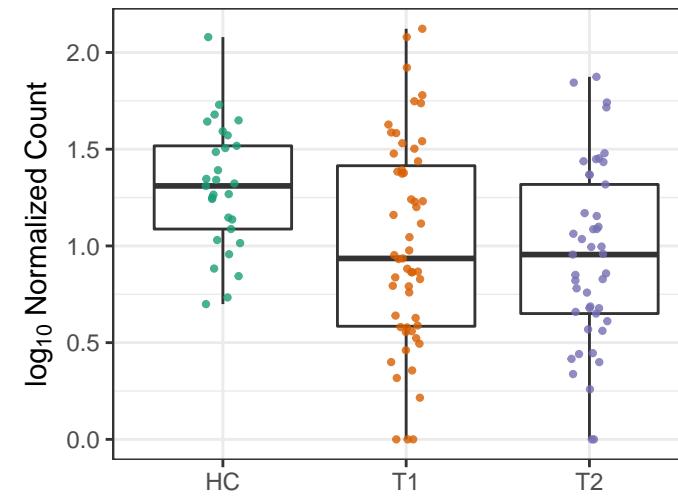
### Arcanobacterium

HC vs. T1 p = 0.0098  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.81



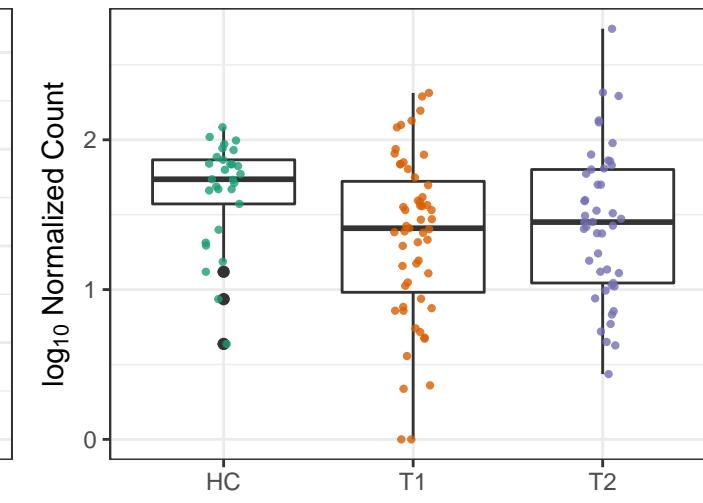
### Candidatus Midichloria

HC vs. T1 p = 0.0098  
HC vs. T2 p = 0.0049  
T1 vs. T2 p = 0.78



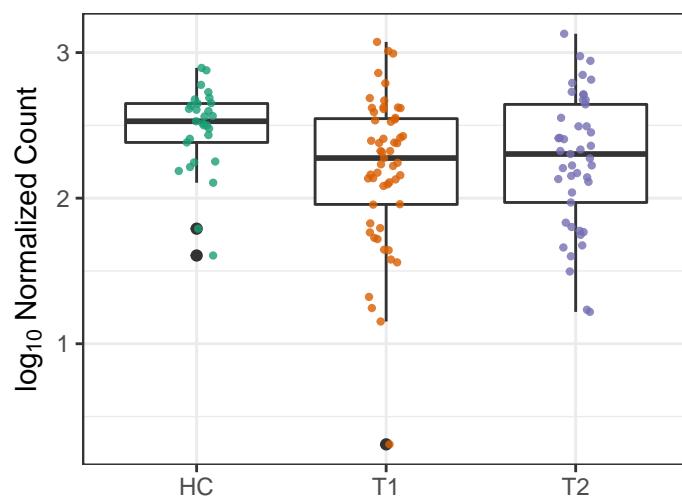
### Halogeometricum

HC vs. T1 p = 0.0098  
HC vs. T2 p = 0.057  
T1 vs. T2 p = 0.78



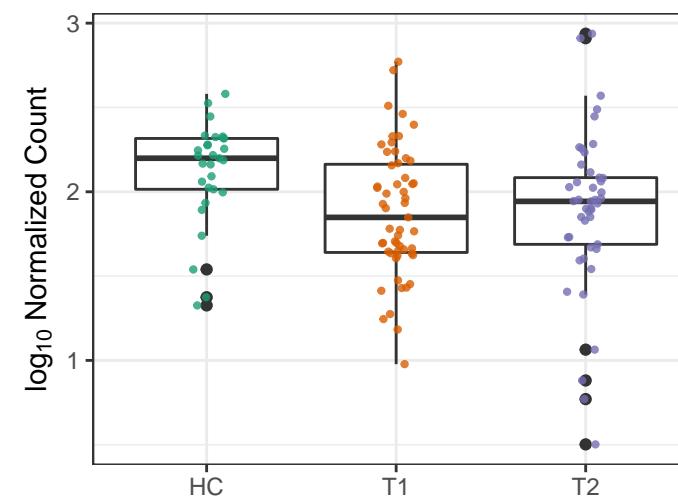
### Desulfarculus

HC vs. T1 p = 0.0098  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 0.78



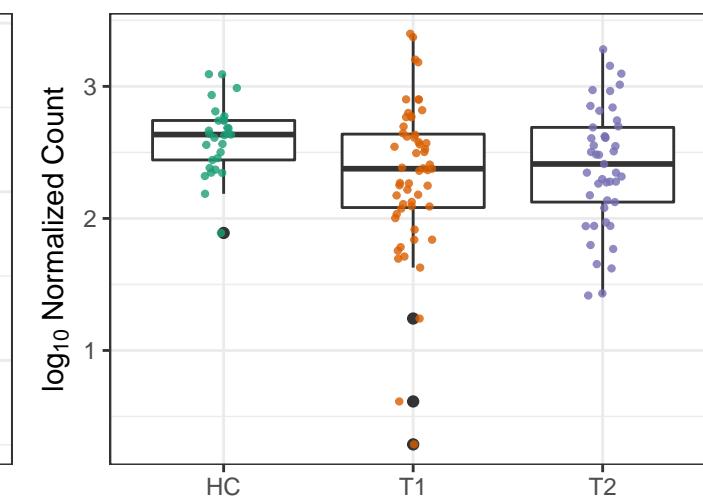
### Jeotgalicoccus

HC vs. T1 p = 0.0098  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.93



### Geogenia

HC vs. T1 p = 0.0099  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.78

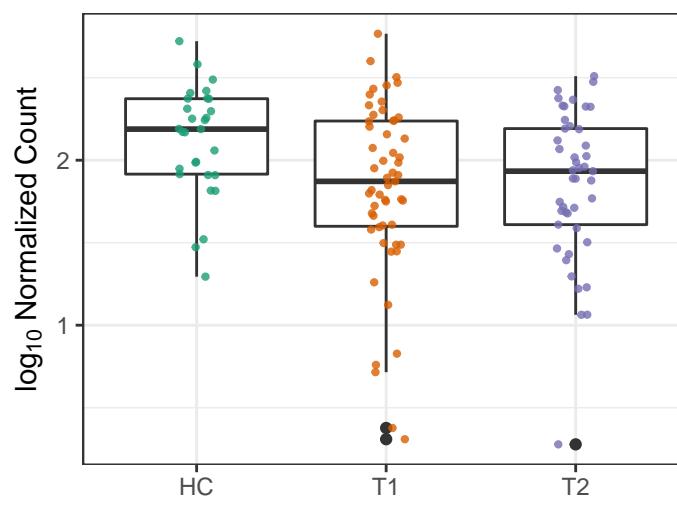


### Limnohabitans

HC vs. T1 p = 0.0099

HC vs. T2 p = 0.018

T1 vs. T2 p = 0.78

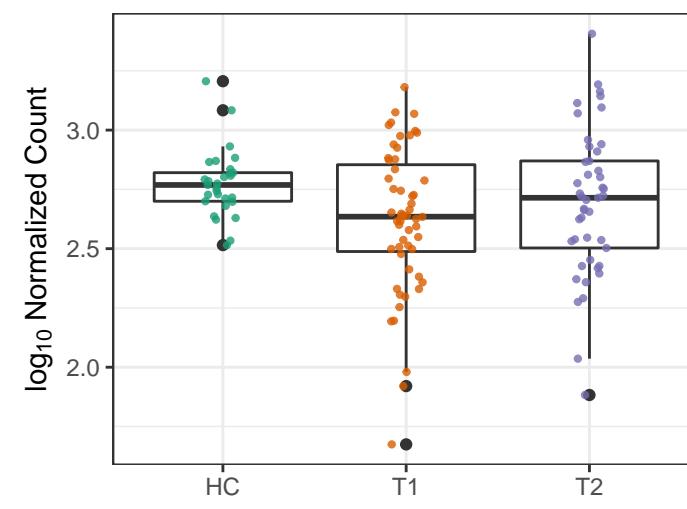


### Labrenzia

HC vs. T1 p = 0.01

HC vs. T2 p = 0.18

T1 vs. T2 p = 0.78

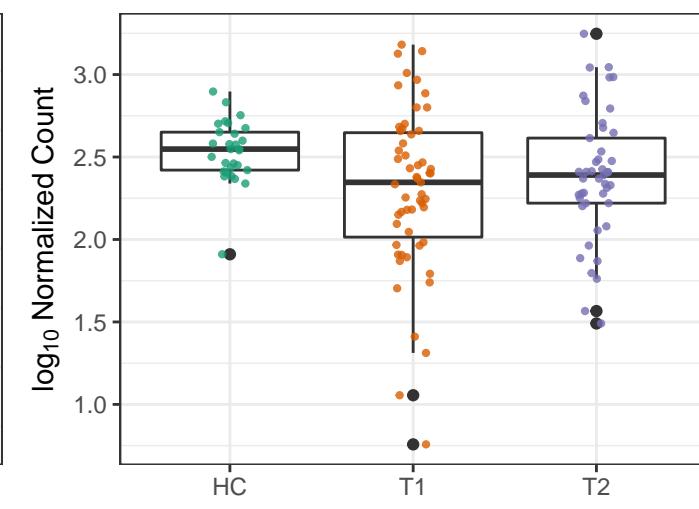


### Roseomonas

HC vs. T1 p = 0.01

HC vs. T2 p = 0.061

T1 vs. T2 p = 0.78

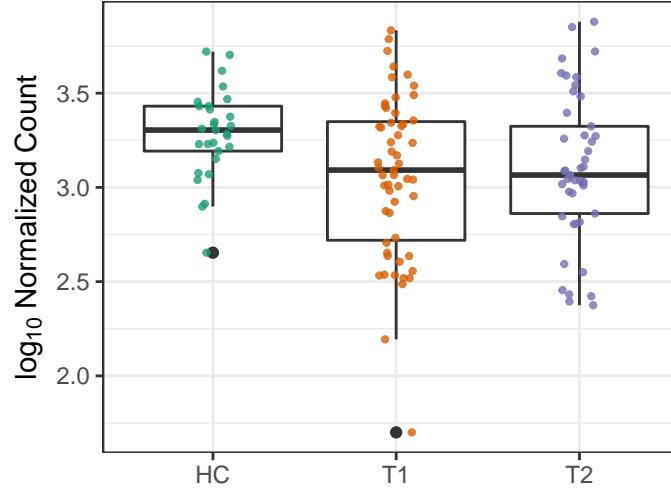


### Unclassified Rhizobiales Order

HC vs. T1 p = 0.01

HC vs. T2 p = 0.035

T1 vs. T2 p = 0.79

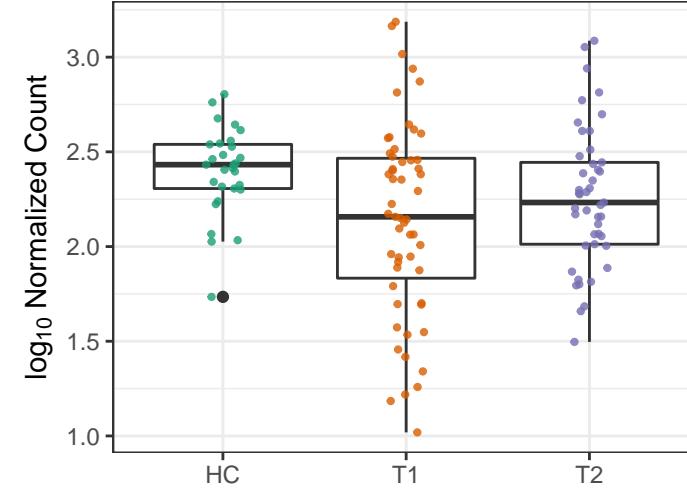


### Zobellella

HC vs. T1 p = 0.01

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.78

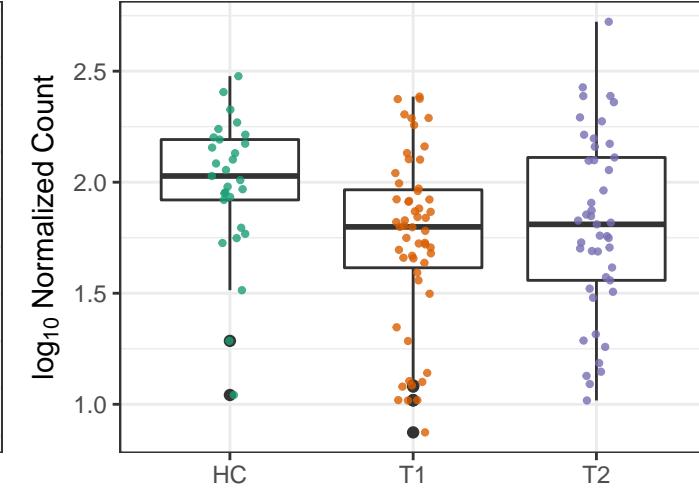


### Lacimicrobium

HC vs. T1 p = 0.01

HC vs. T2 p = 0.063

T1 vs. T2 p = 0.78

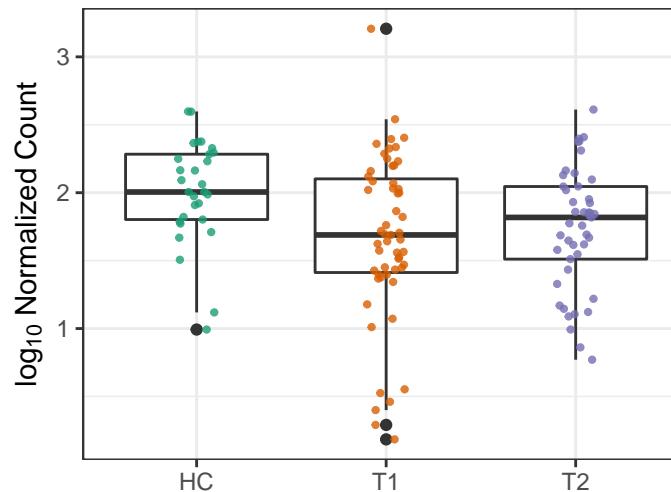


### Segniliparus

HC vs. T1 p = 0.01

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.78

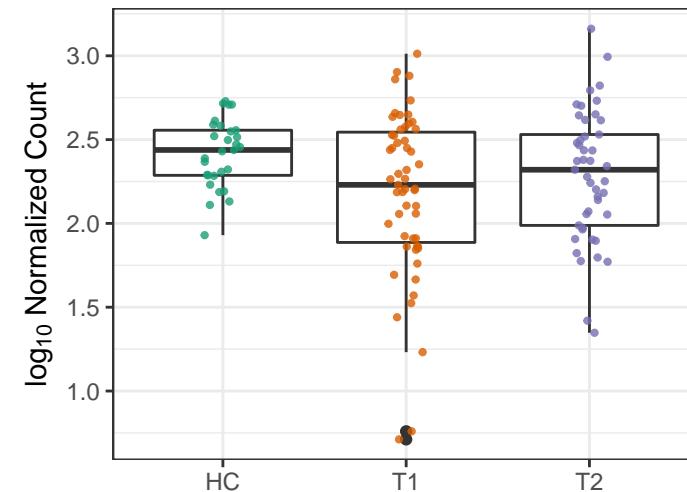


### Thermosediminibacter

HC vs. T1 p = 0.01

HC vs. T2 p = 0.092

T1 vs. T2 p = 0.78

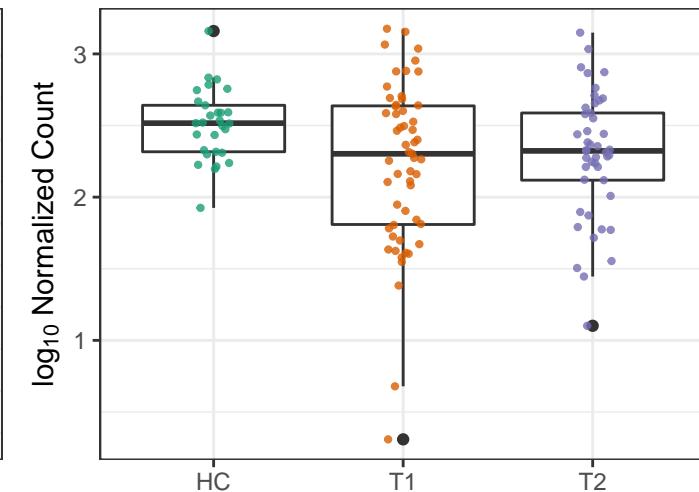


### Unclassified Myxococcales Order

HC vs. T1 p = 0.01

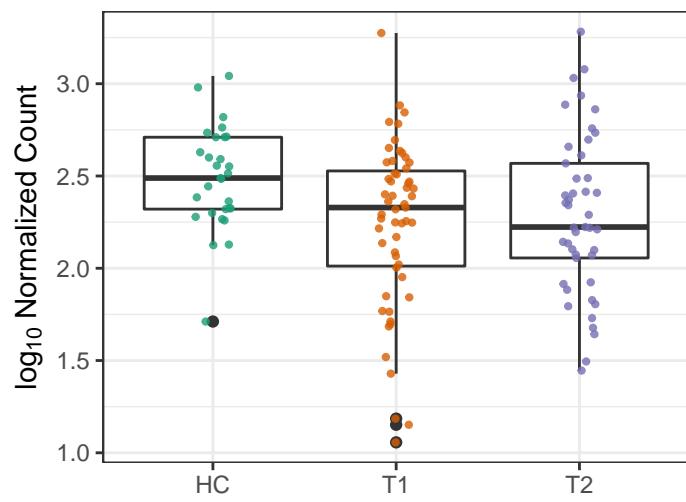
HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78



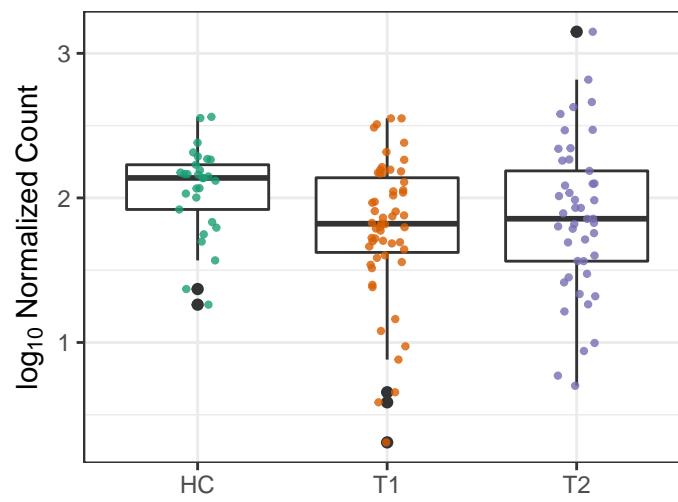
### Alienimonas

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.78



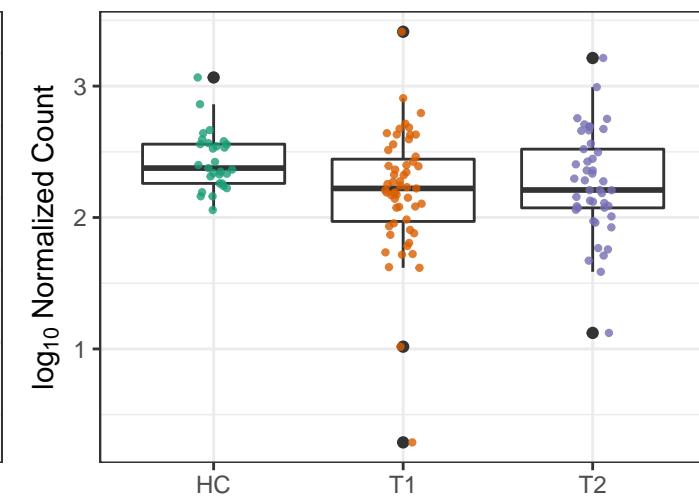
### Marinovum

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.088  
T1 vs. T2 p = 0.78



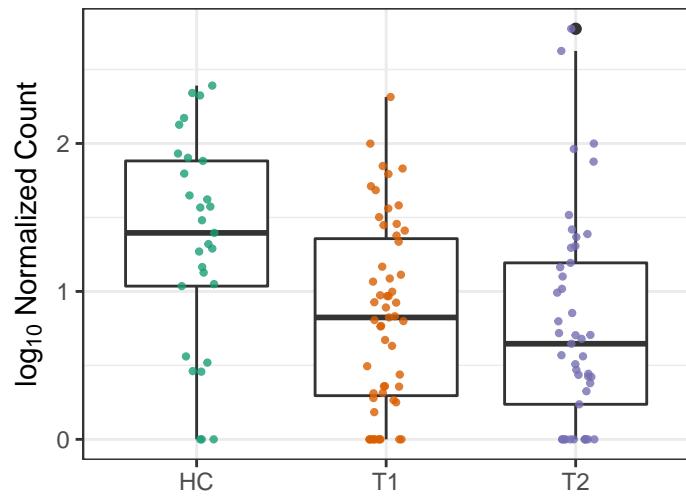
### Stappia

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.78



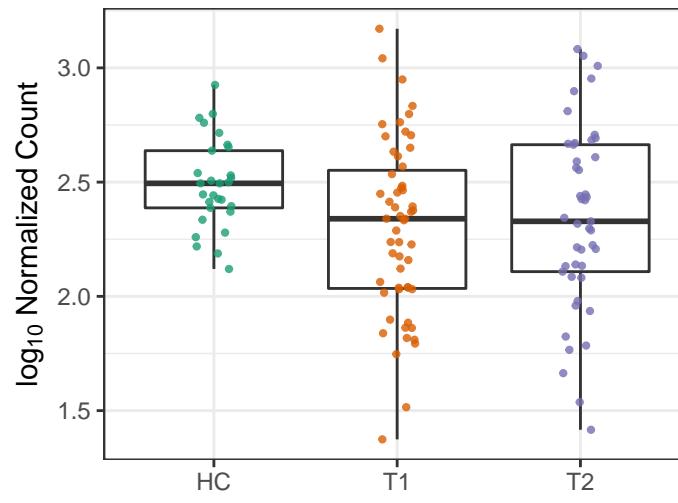
### Unclassified Chroococcales Order

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.81



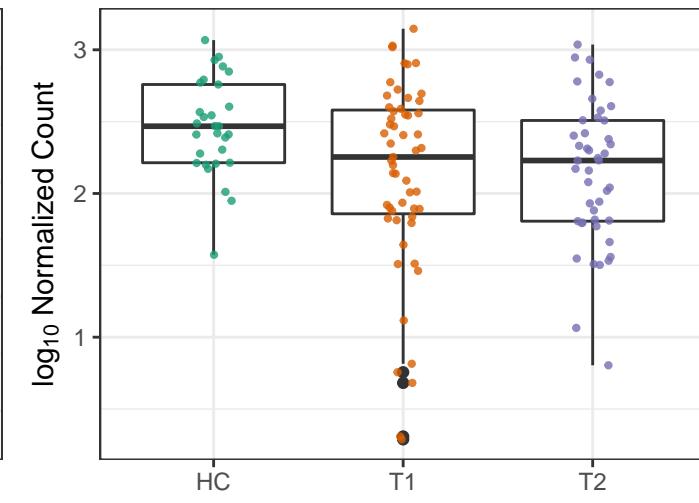
### Diaphorobacter

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.063  
T1 vs. T2 p = 0.78



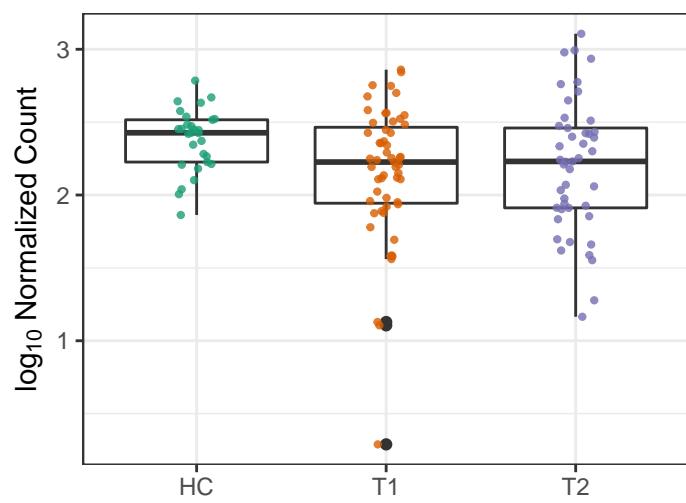
### Lacunisphaera

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.85



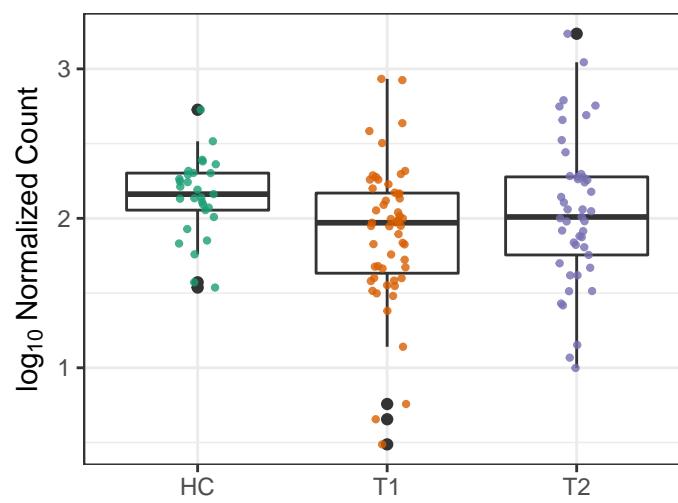
### Allokutzneria

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.047  
T1 vs. T2 p = 0.78



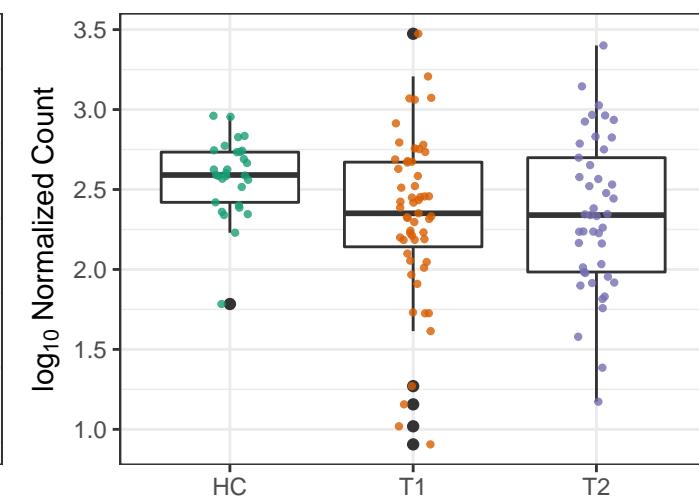
### Fimbriimonas

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.3  
T1 vs. T2 p = 0.78



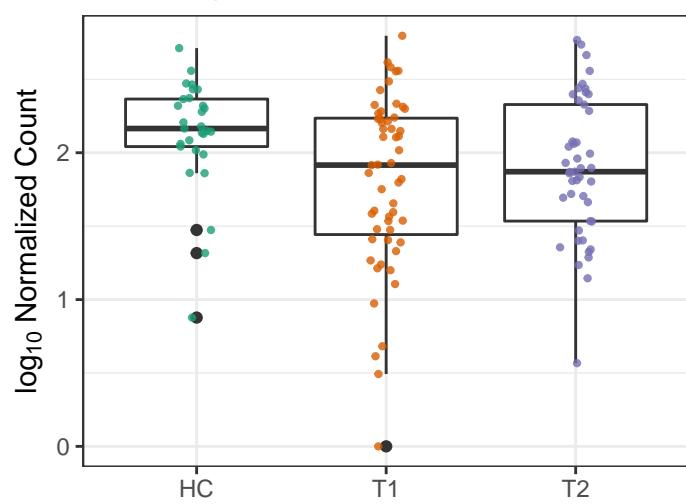
### Hypericibacter

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.79



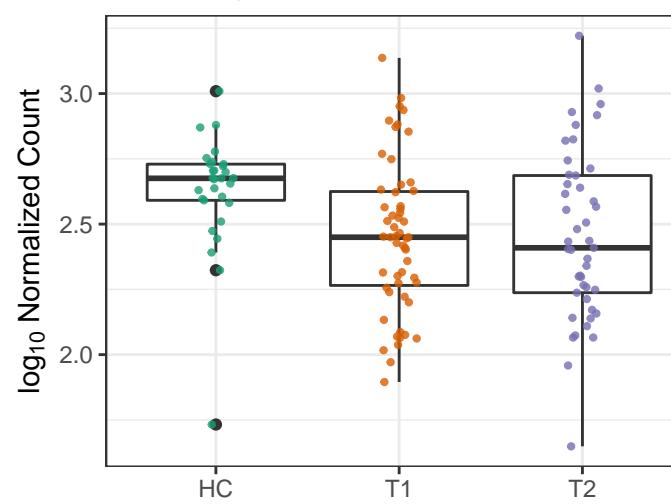
### Sinomonas

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.78



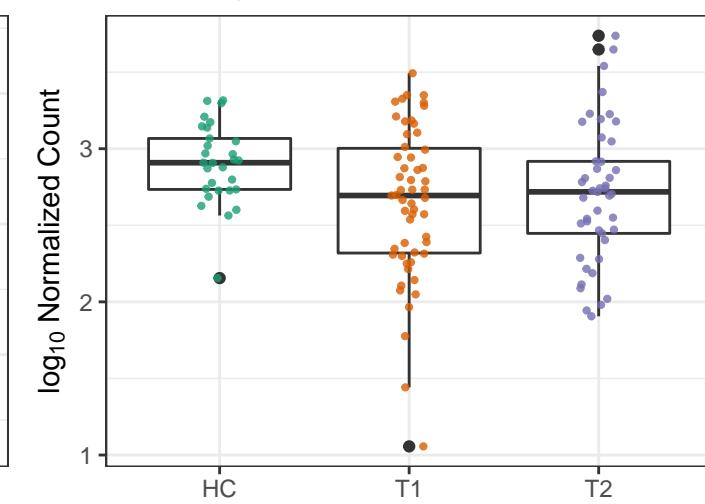
### Sulfurospirillum

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.026  
T1 vs. T2 p = 0.92



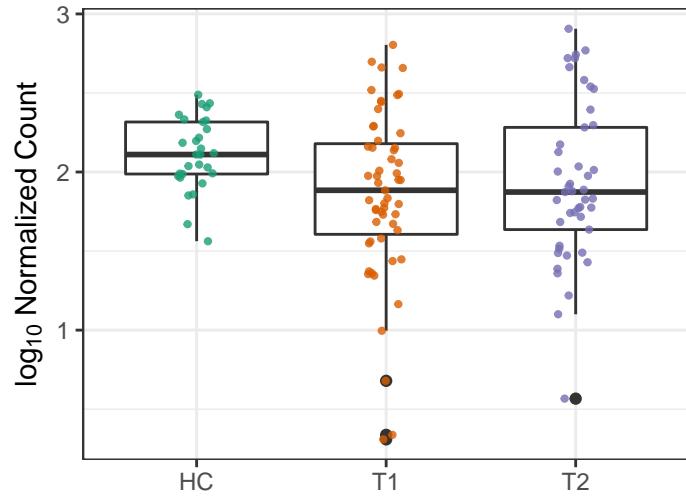
### Anaeromyxobacter

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.78



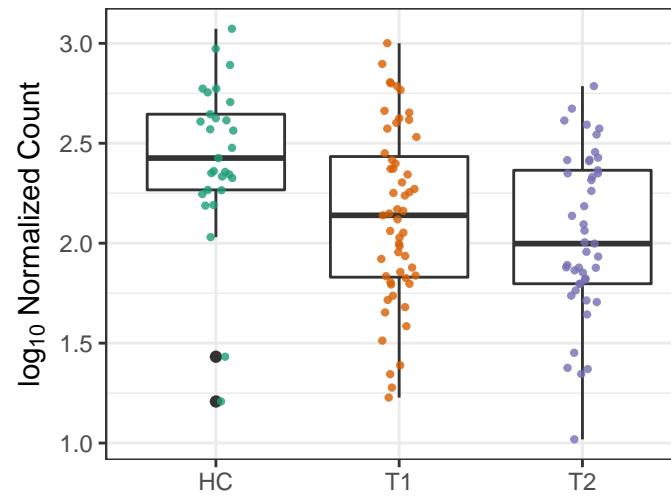
### Gluconacetobacter

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.061  
T1 vs. T2 p = 0.81



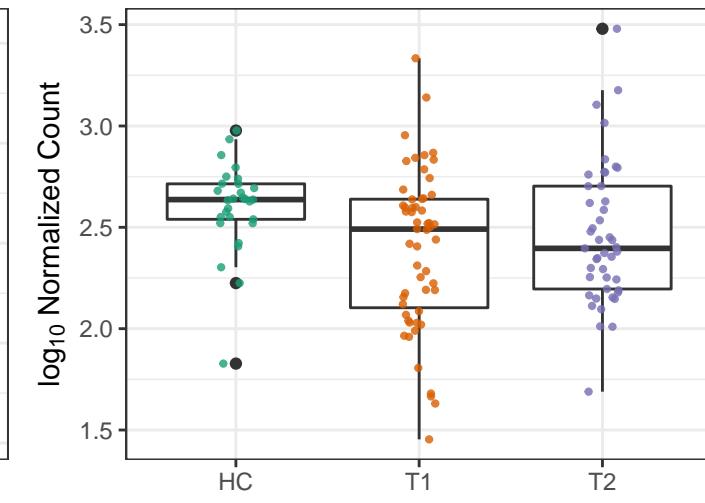
### Gottschalkia

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.0044  
T1 vs. T2 p = 0.78



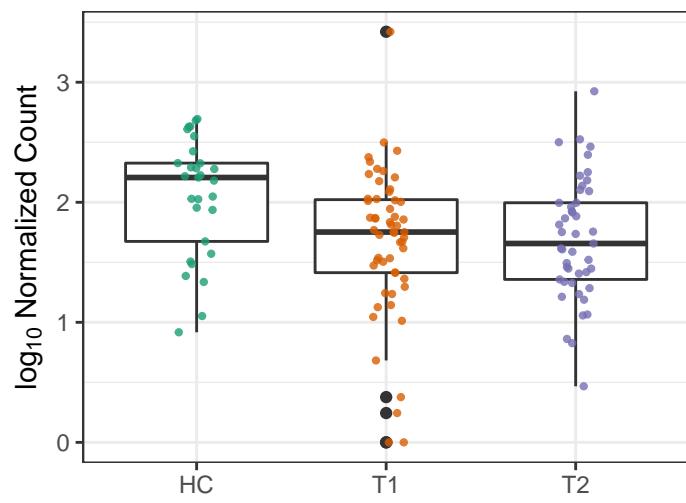
### Moraxella

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.062  
T1 vs. T2 p = 0.86



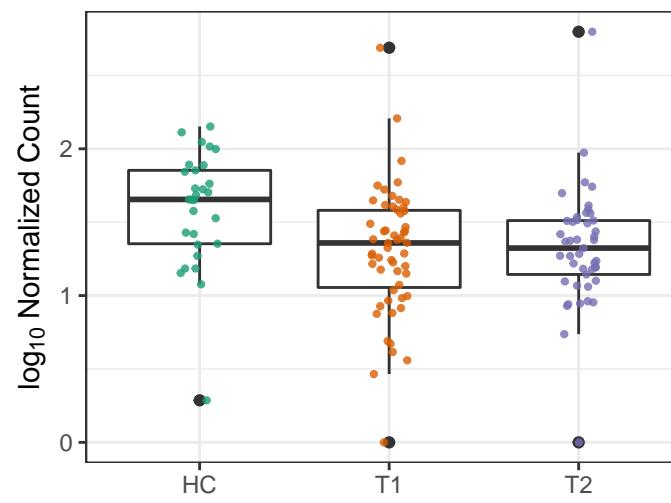
### Acidibrevibacterium

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.98



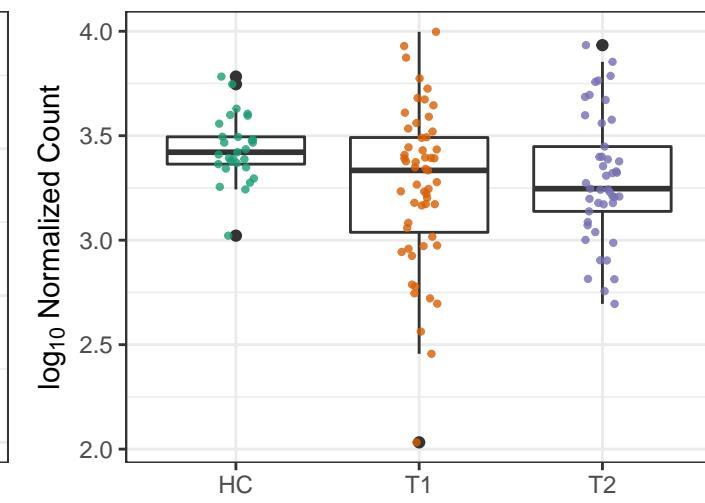
### Agarivorans

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.81



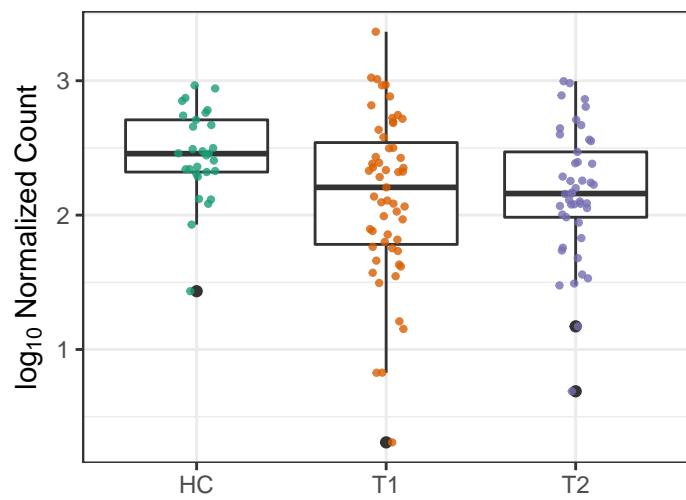
### Halomonas

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



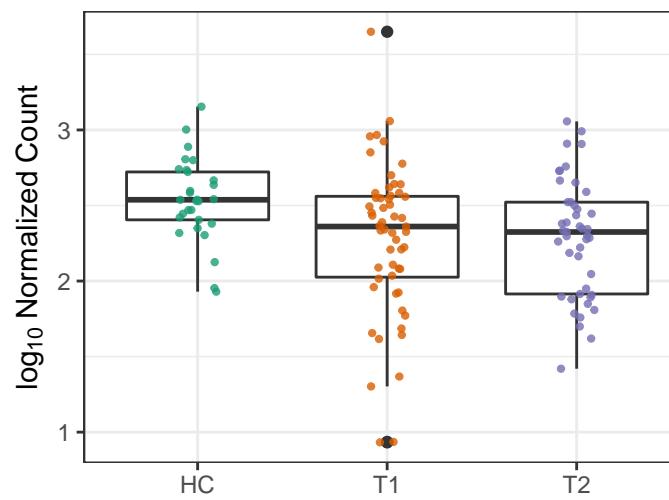
### Melittangium

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.8



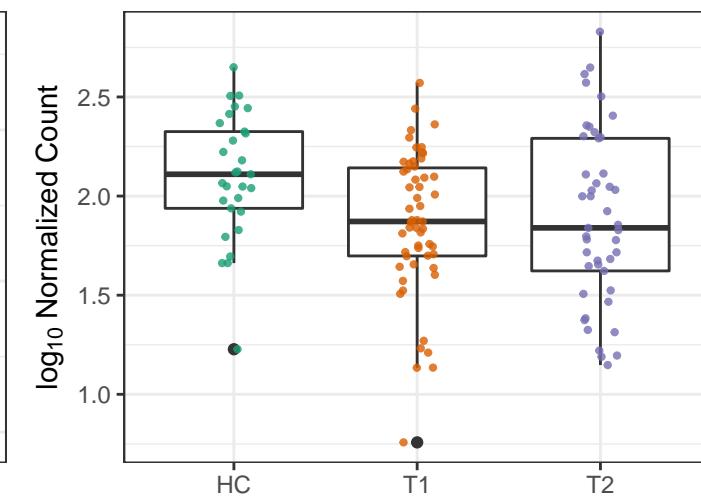
### Rhodovulum

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.83



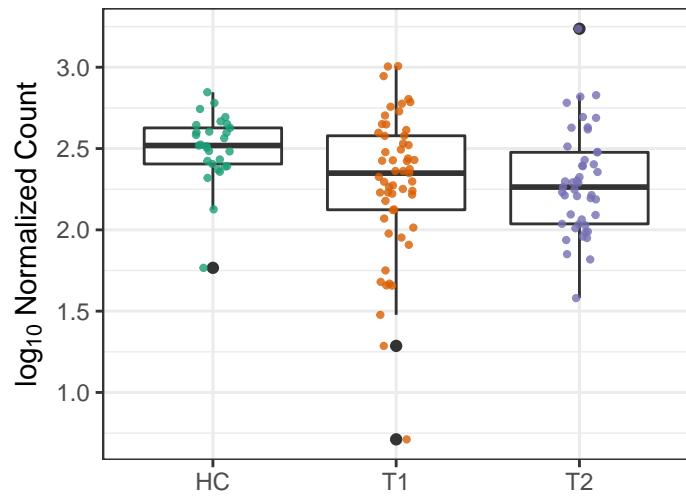
### Sporisorium

HC vs. T1 p = 0.01  
HC vs. T2 p = 0.041  
T1 vs. T2 p = 0.81



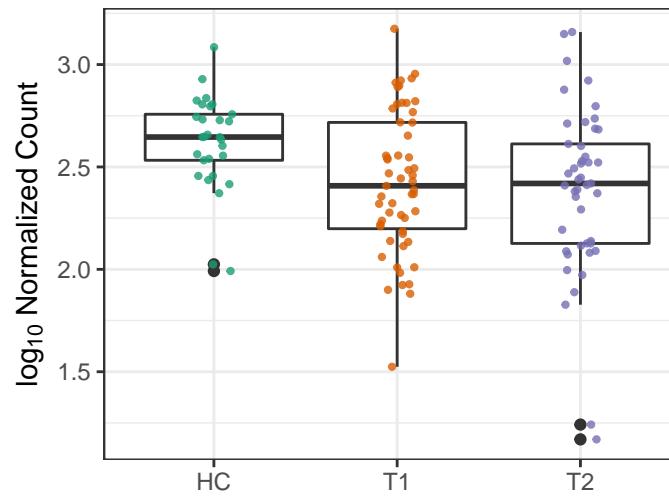
### Fibrella

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.009  
T1 vs. T2 p = 0.95



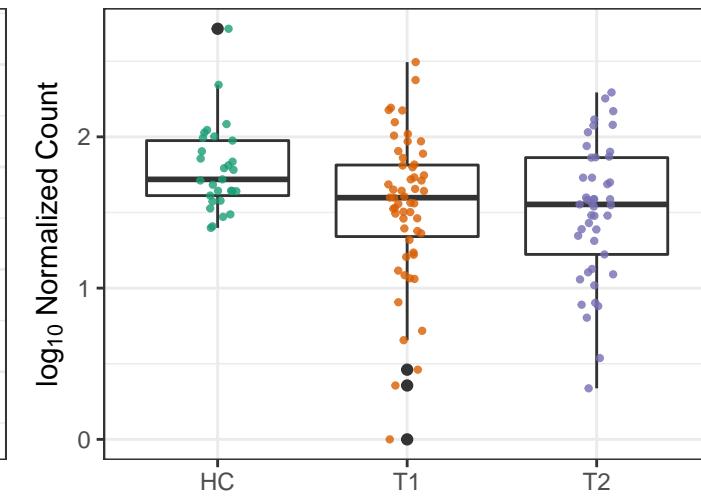
### Anaerococcus

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.81



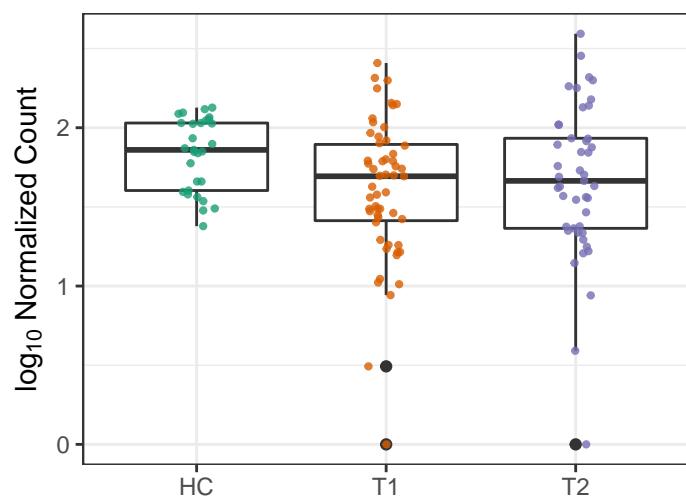
### Beijerinckia

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.92



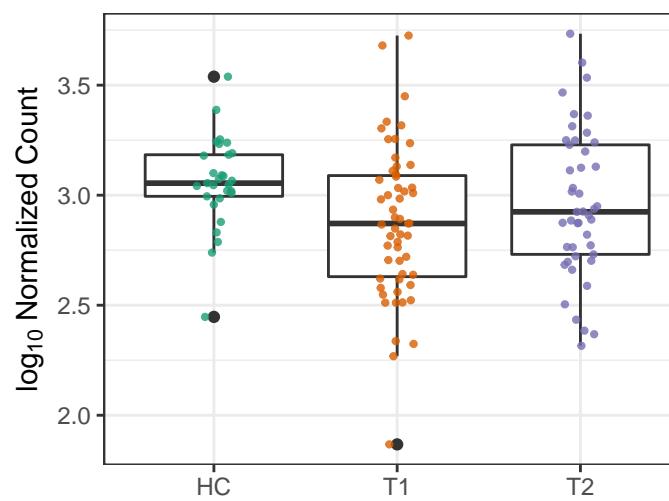
### Chania

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.87



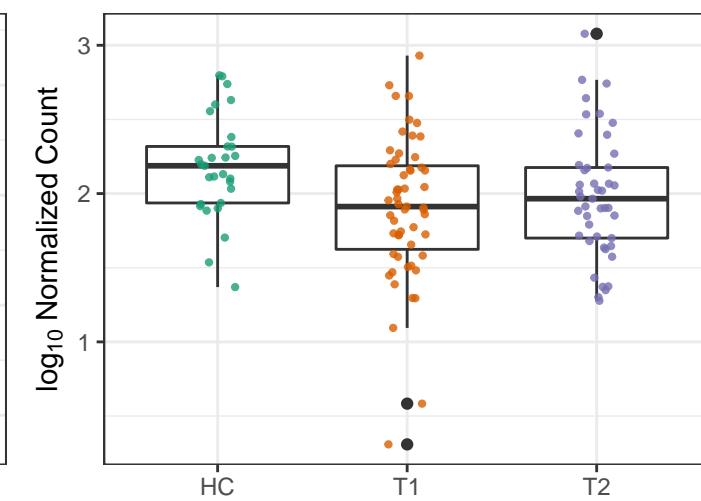
### Geobacillus

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.78



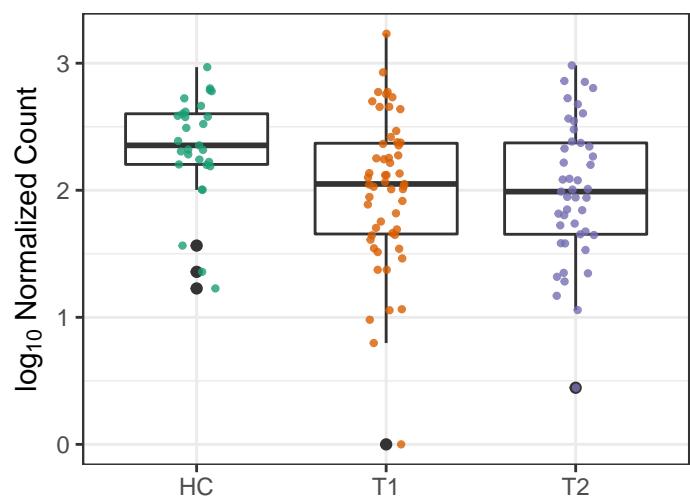
### Kiritimatiella

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.78



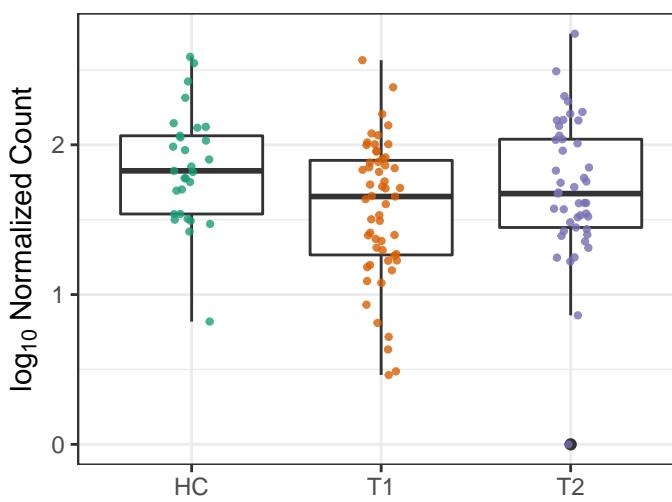
### *Halobacterium*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.015  
 T1 vs. T2 p = 0.89



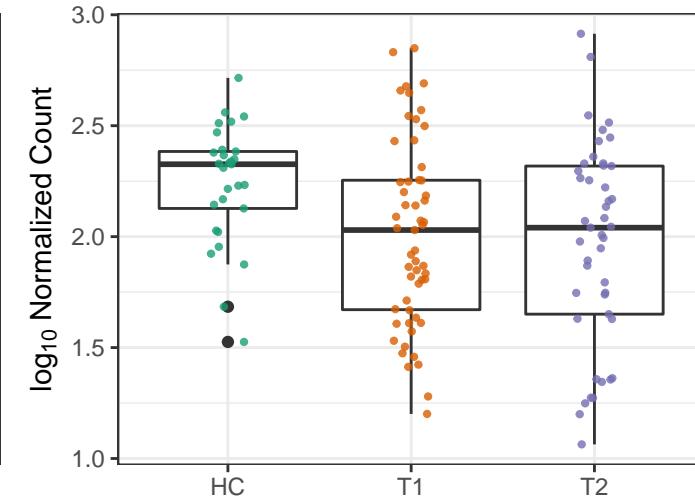
### *Maricaulis*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.19  
 T1 vs. T2 p = 0.78



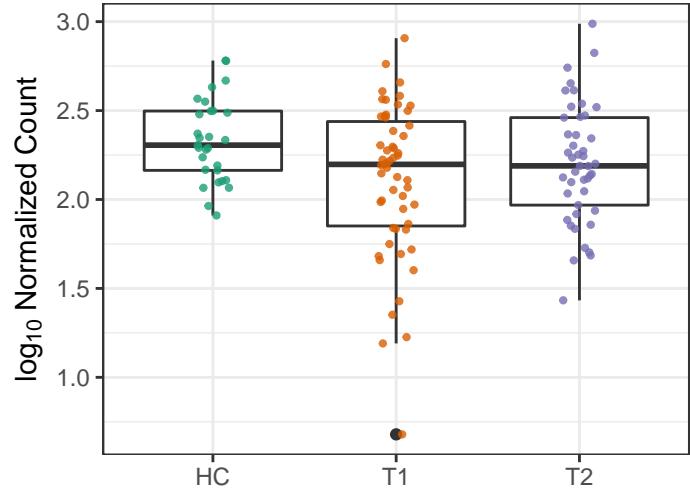
### *Methanocaldococcus*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.013  
 T1 vs. T2 p = 0.85



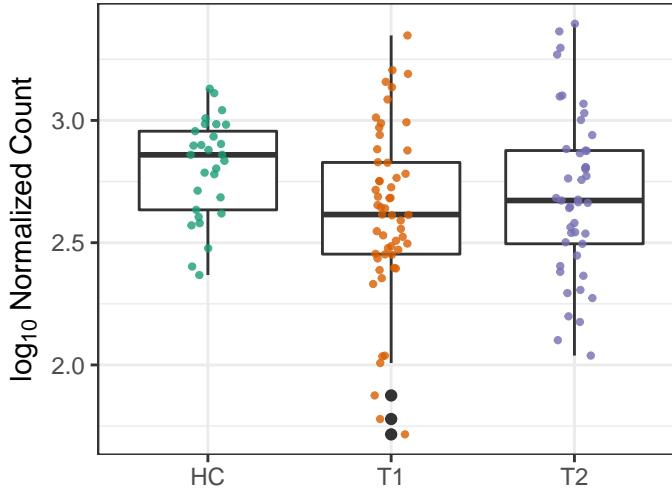
### *Geoalkalibacter*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.086  
 T1 vs. T2 p = 0.78



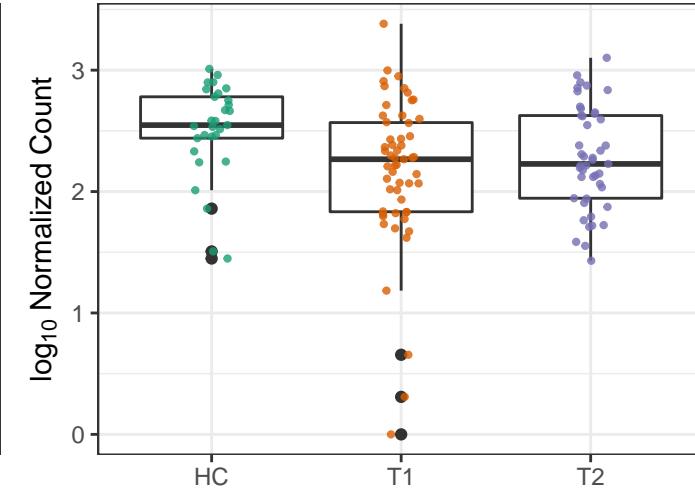
### *Pyricularia*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.12  
 T1 vs. T2 p = 0.78



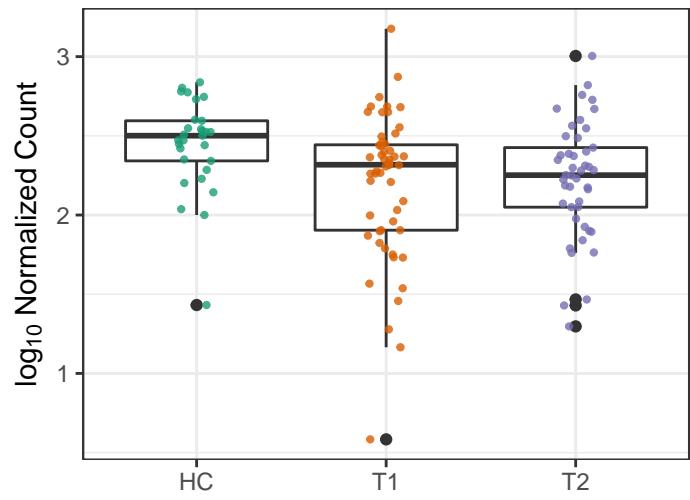
### *Agrococcus*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.041  
 T1 vs. T2 p = 0.78



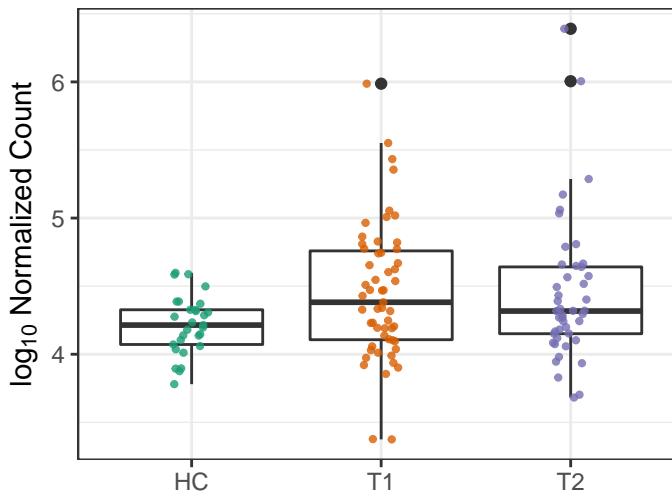
### *Asticcacaulis*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.022  
 T1 vs. T2 p = 0.85



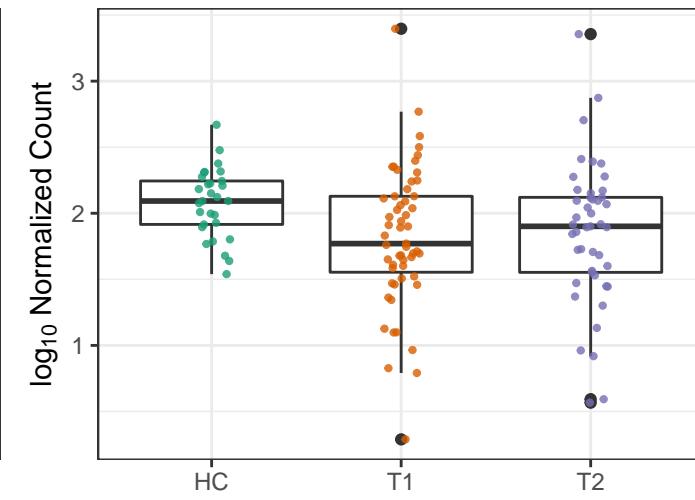
### *Erysipelatoclostridium*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.033  
 T1 vs. T2 p = 0.93



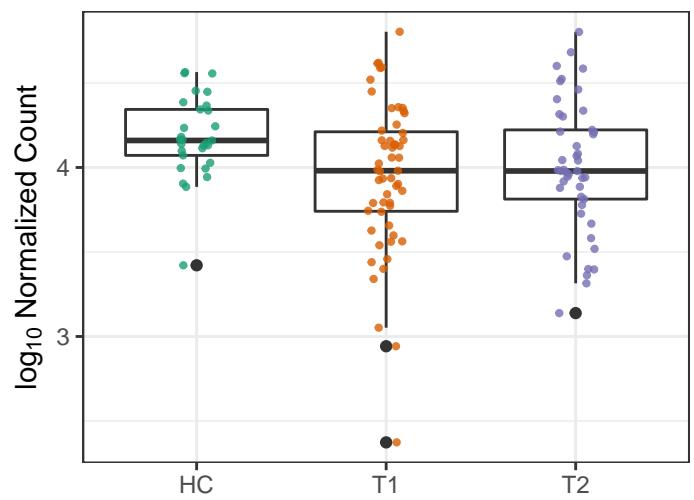
### *Hartmannibacter*

HC vs. T1 p = 0.011  
 HC vs. T2 p = 0.04  
 T1 vs. T2 p = 0.93



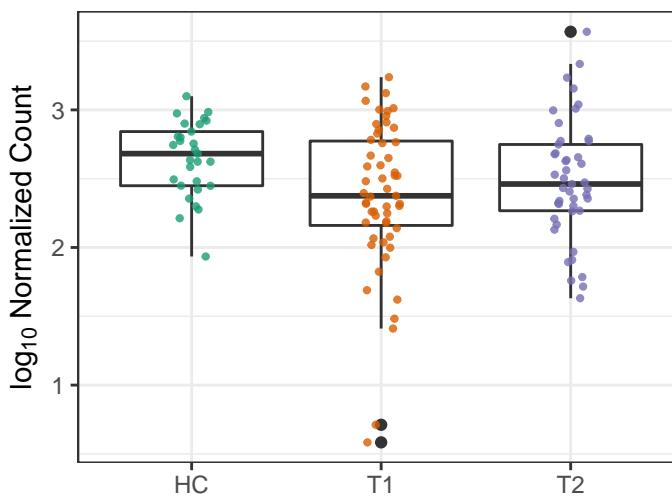
### Unclassified Actinobacteria Class

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.041  
T1 vs. T2 p = 0.78



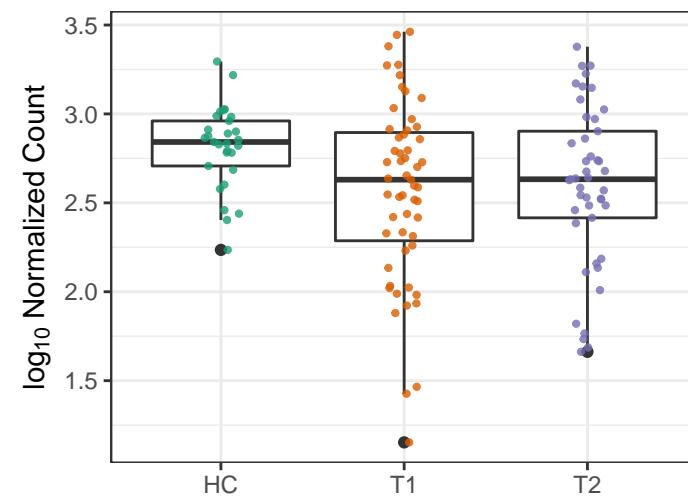
### Methylochromobacter

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.78



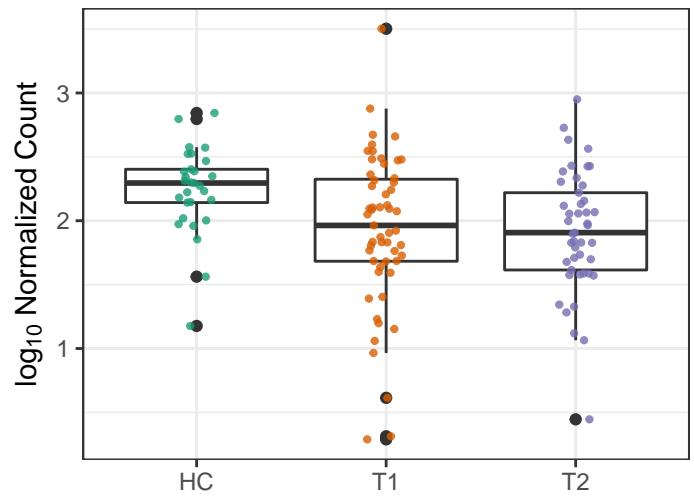
### Kitasatospora

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.78



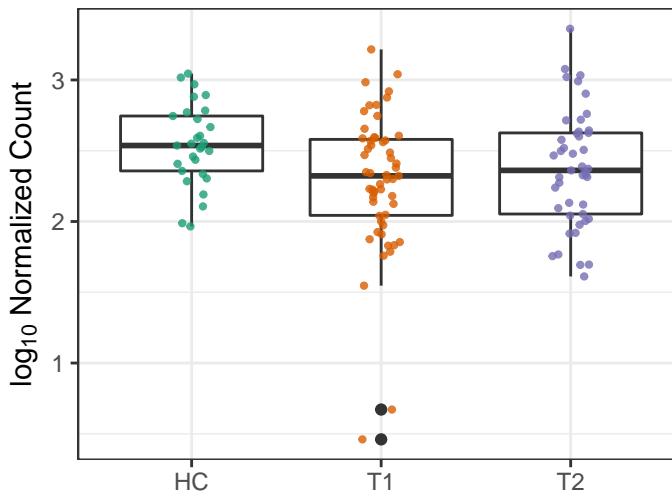
### Melaminivora

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.83



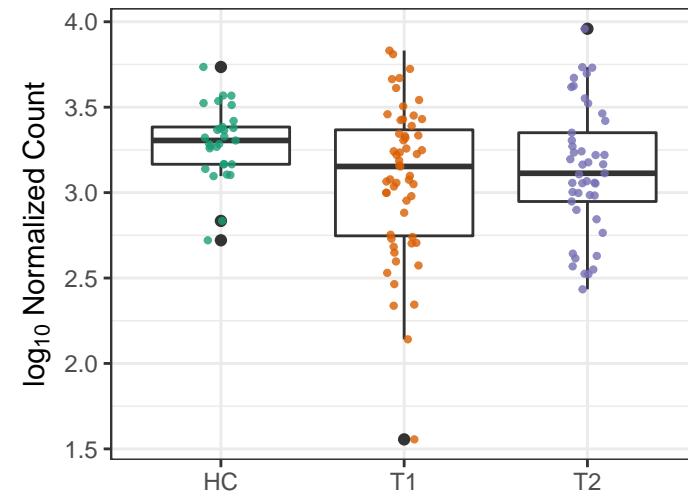
### Mycolicibacter

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.07  
T1 vs. T2 p = 0.78



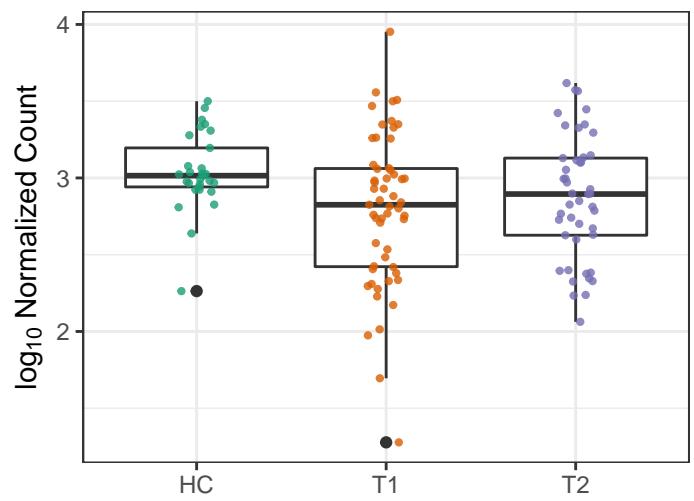
### Unclassified Rhodobacteraceae Family

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.78



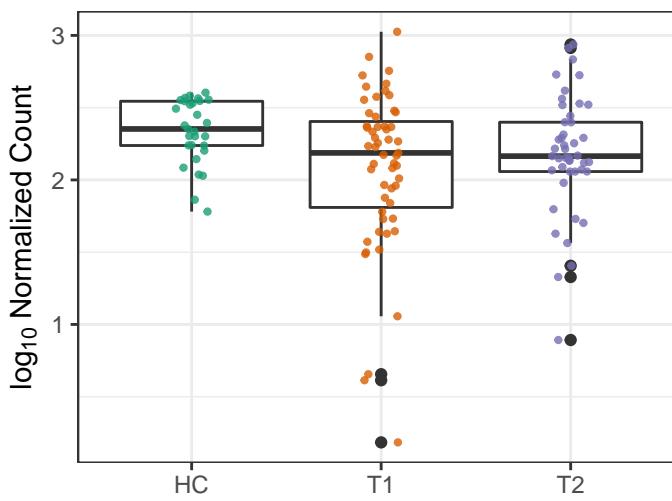
### Pseudonocardia

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 0.78



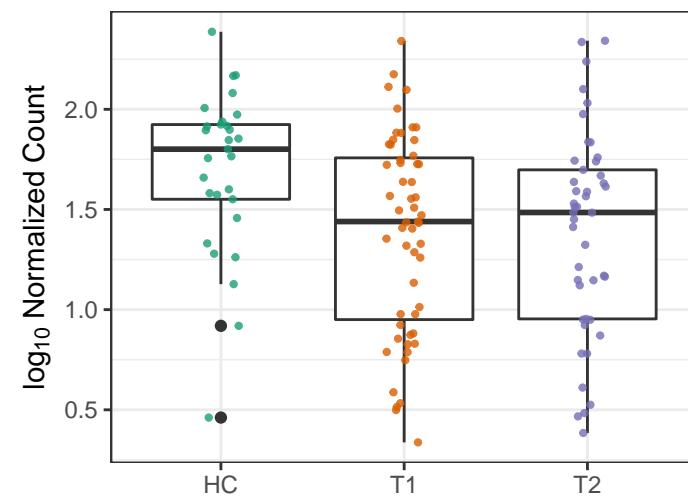
### Unclassified Caulobacteraceae Family

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.062  
T1 vs. T2 p = 0.78



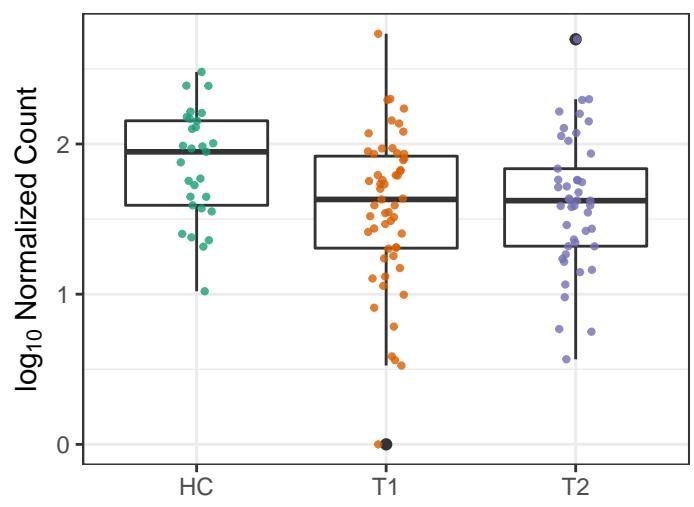
### Candidatus Cytomitobacter

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.97



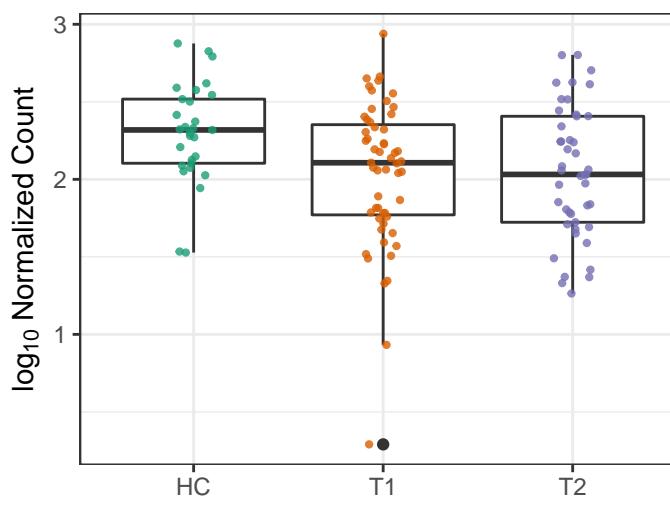
### Diaminobutyricimonas

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



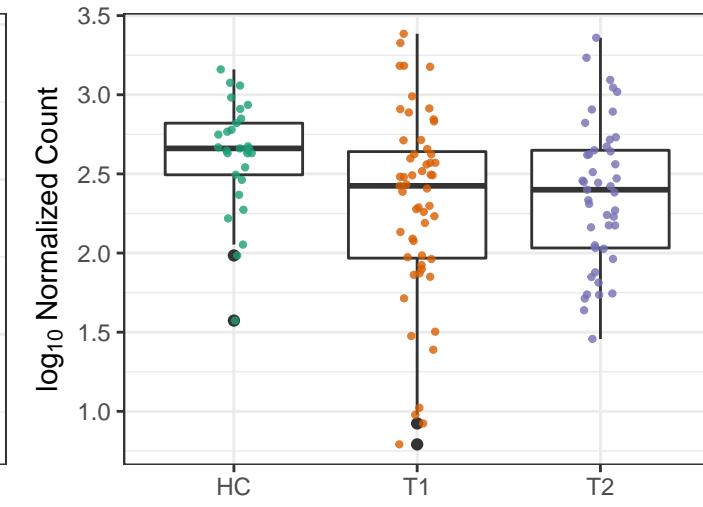
### Methylibium

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.83



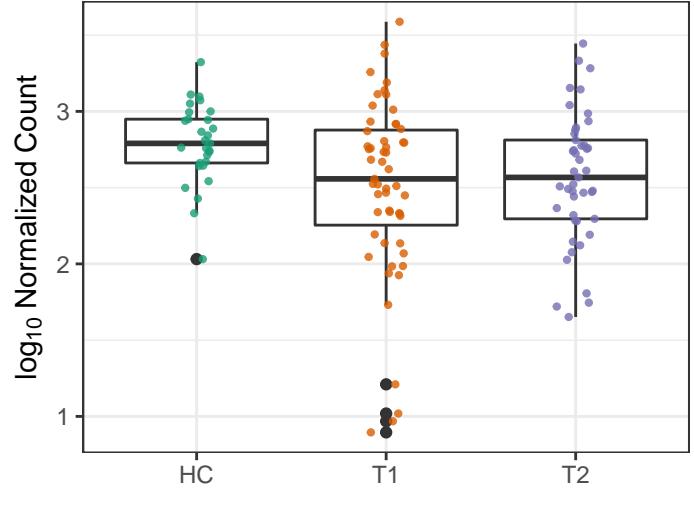
### Actinosynnema

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78



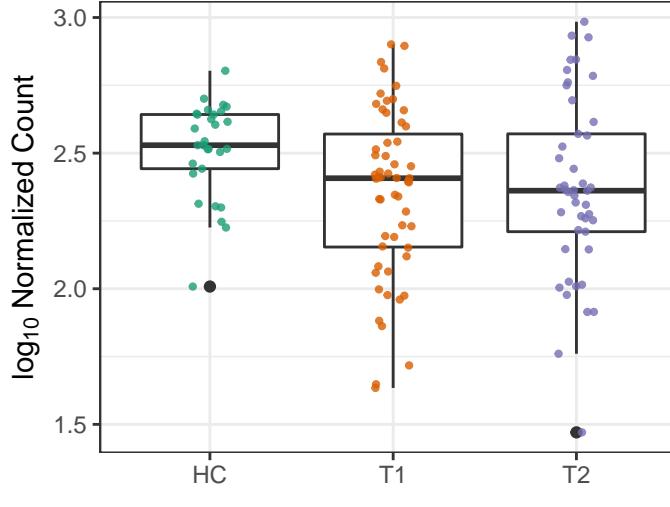
### Nocardiopsis

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



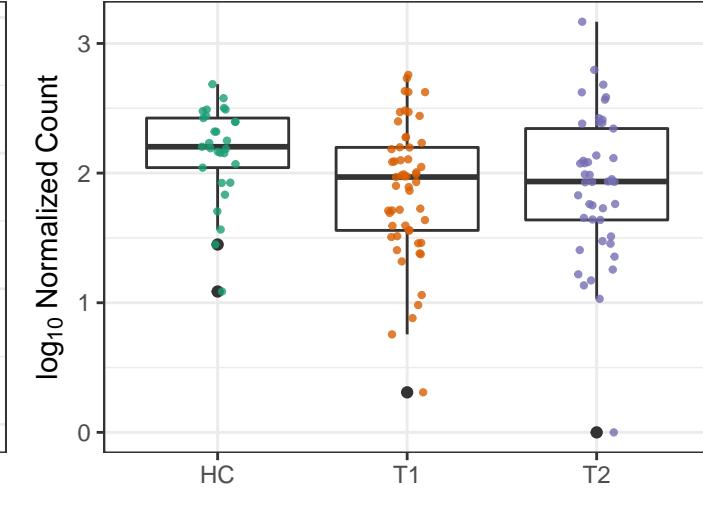
### Cellvibrio

HC vs. T1 p = 0.011  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 0.92



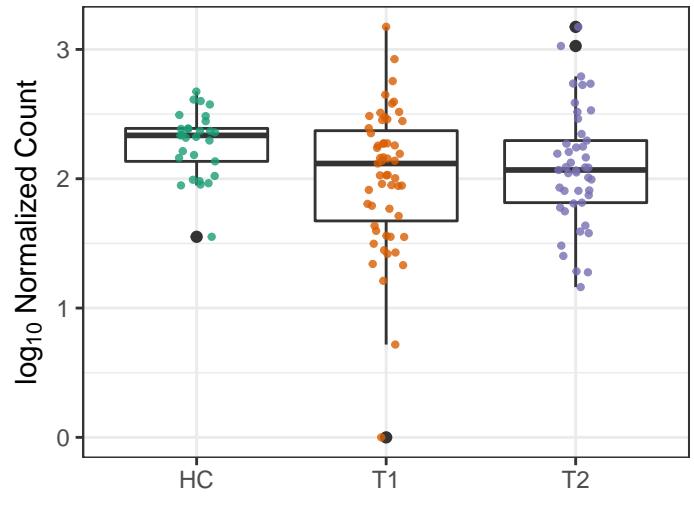
### Arsenicicoccus

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.88



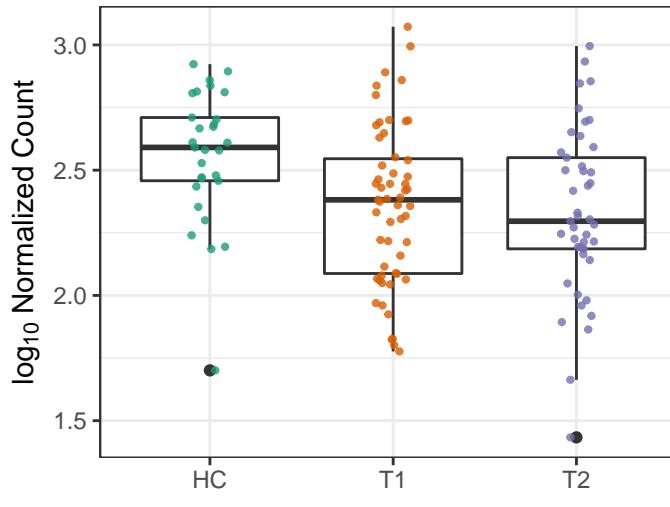
### Methyloceanibacter

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.054  
T1 vs. T2 p = 0.78



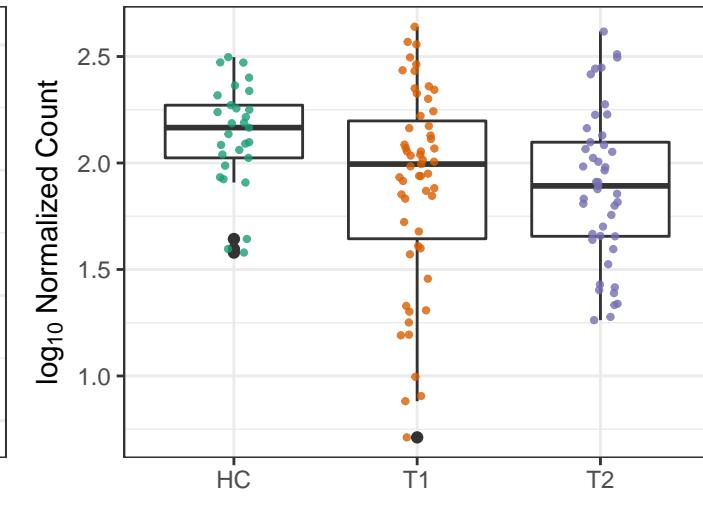
### Sulfurimonas

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.83



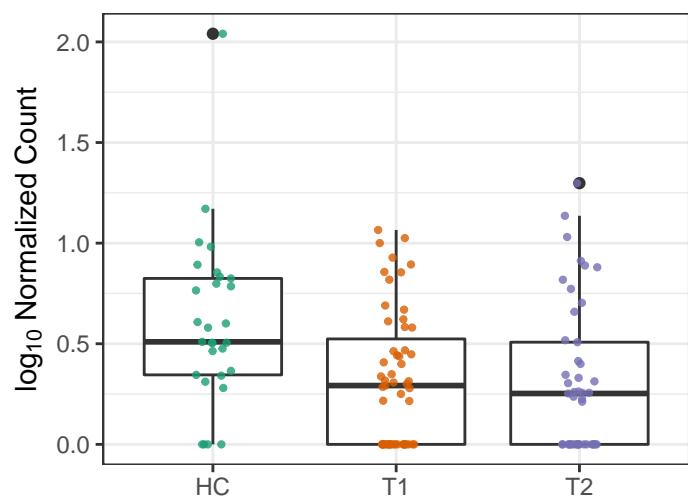
### Niveispirillum

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 1



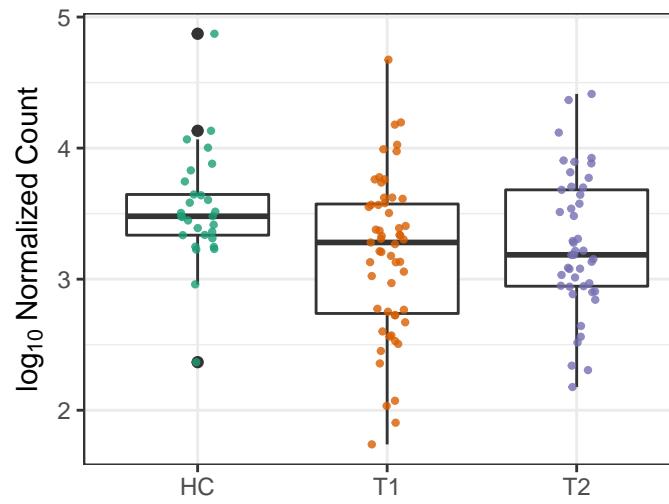
### Candidatus Korarchaeum

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.92



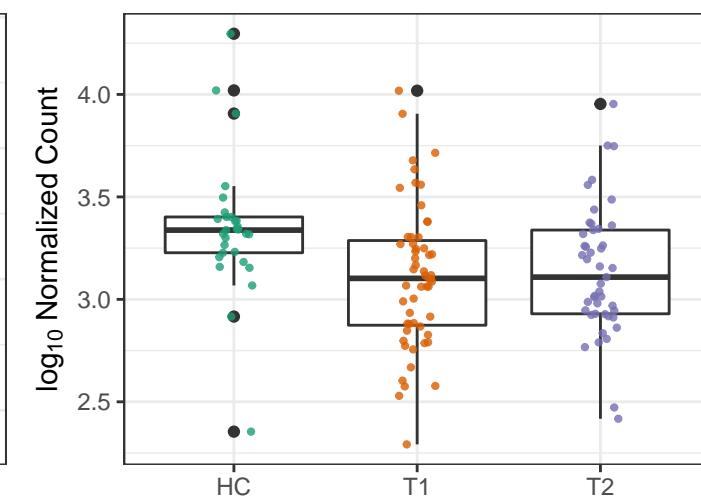
### Unclassified Atopobiaceae Family

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.046  
T1 vs. T2 p = 0.78



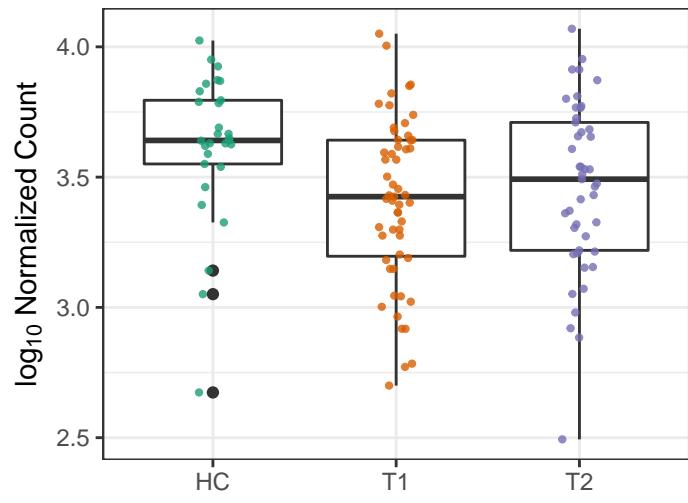
### Intestinibaculum

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.82



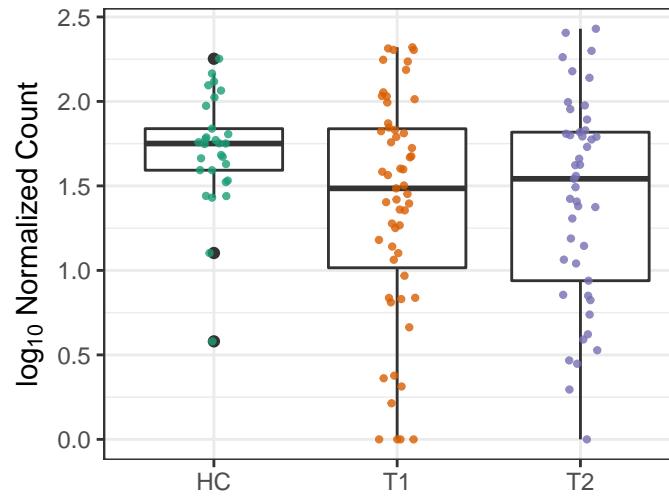
### Pseudobutyryvibrio

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.064  
T1 vs. T2 p = 0.78



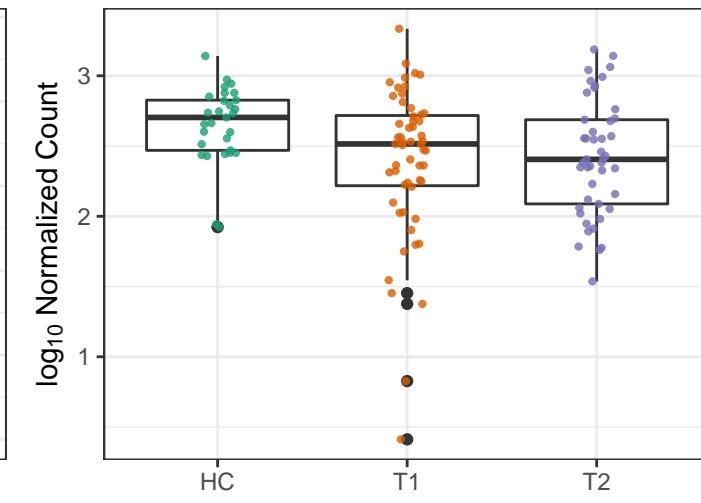
### Qipengyuania

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.89



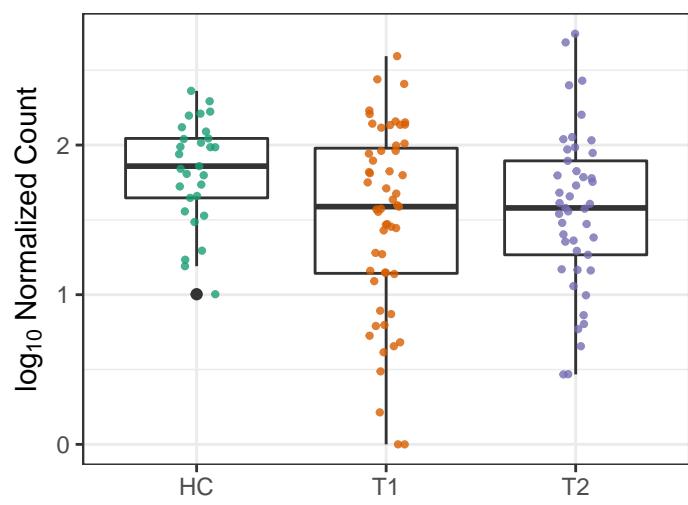
### Rhodothermus

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.78



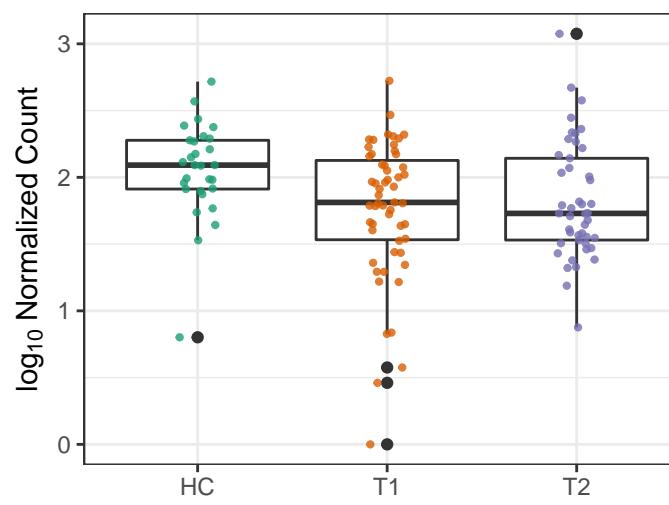
### Unclassified Rhodospirillales Order

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.034  
T1 vs. T2 p = 0.78



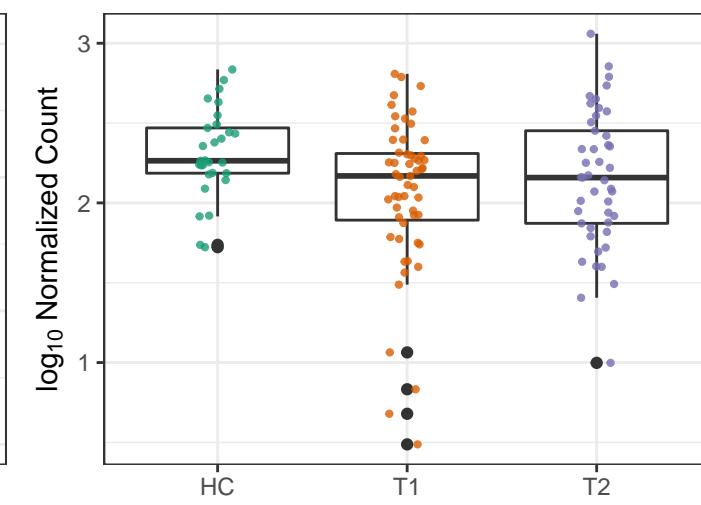
### Unclassified Thermoplasmata Class

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.037  
T1 vs. T2 p = 0.78



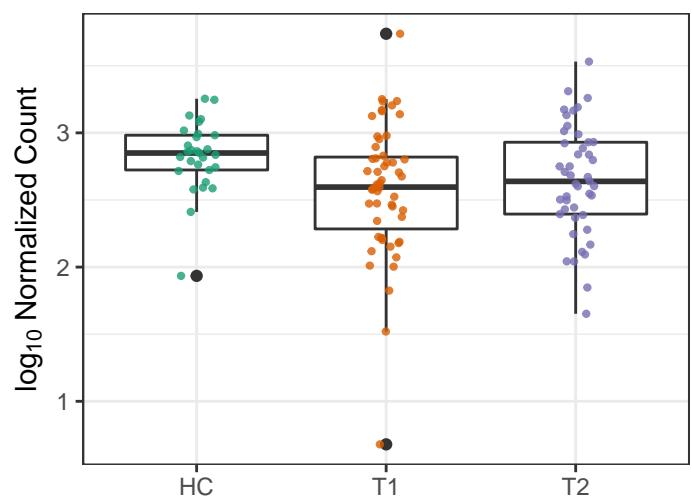
### Unclassified Halobacteria Class

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.085  
T1 vs. T2 p = 0.78



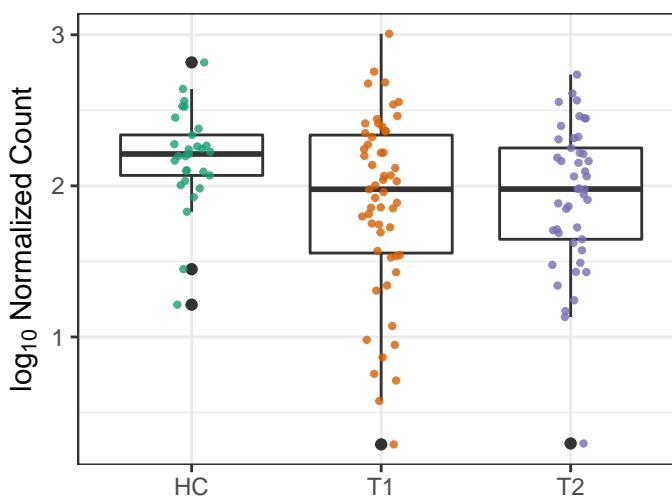
### Aeromicrobium

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.78



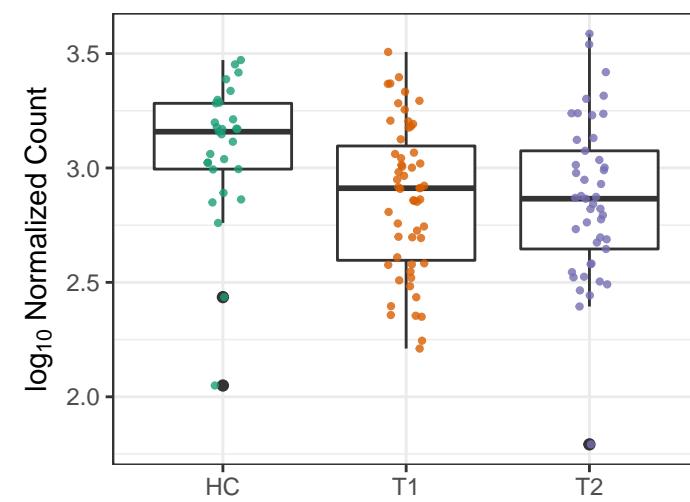
### Immundisolibacter

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



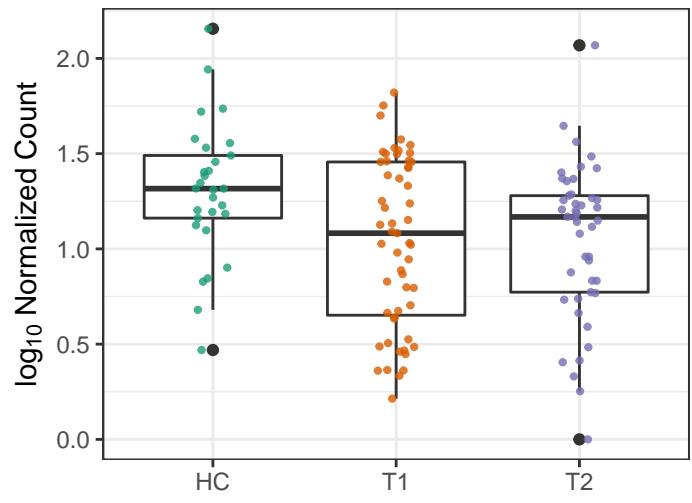
### Caldicellulosiruptor

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 1



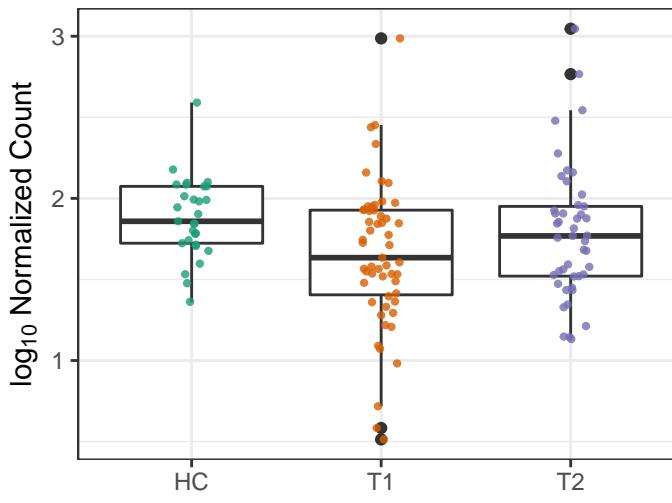
### Candidatus Saccharimonas

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.021  
T1 vs. T2 p = 1



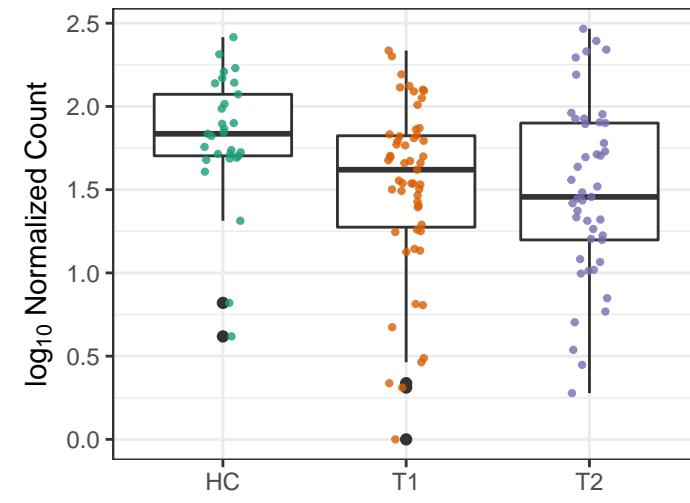
### Salaquimonas

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.27  
T1 vs. T2 p = 0.78



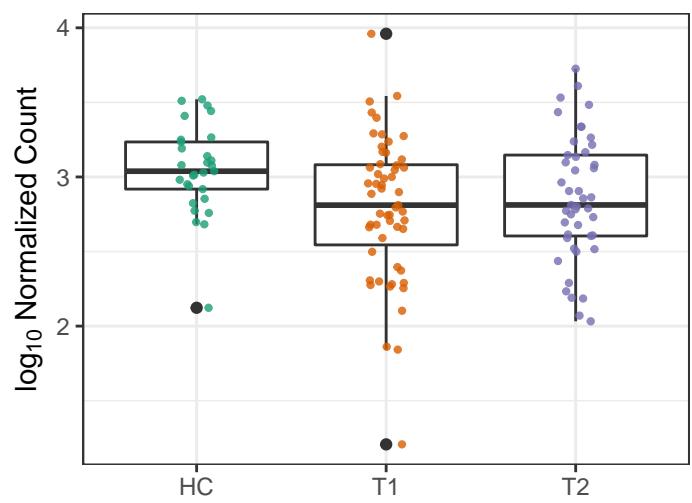
### Halobellus

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.99



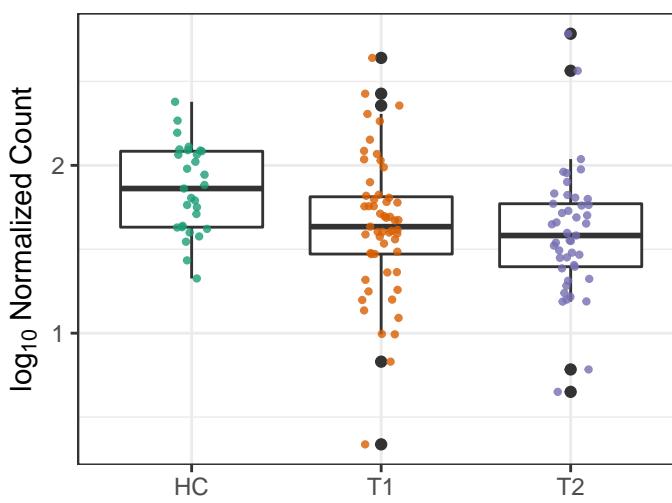
### Unclassified Micrococcales Order

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.78



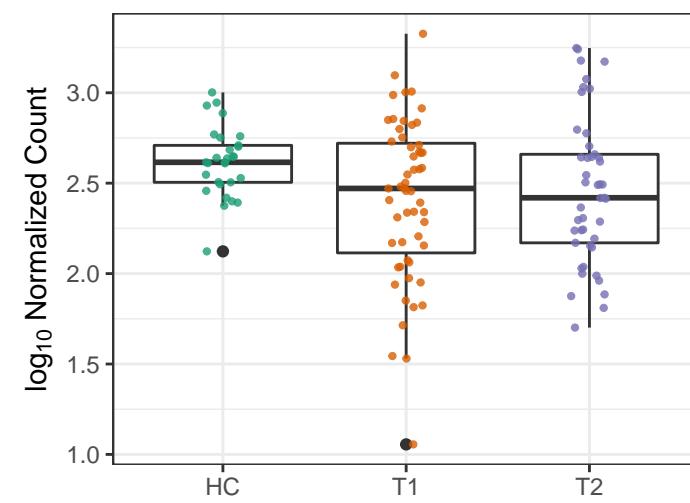
### Snodgrassella

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.008  
T1 vs. T2 p = 0.83



### Alicyclobacillus

HC vs. T1 p = 0.012  
HC vs. T2 p = 0.057  
T1 vs. T2 p = 0.78

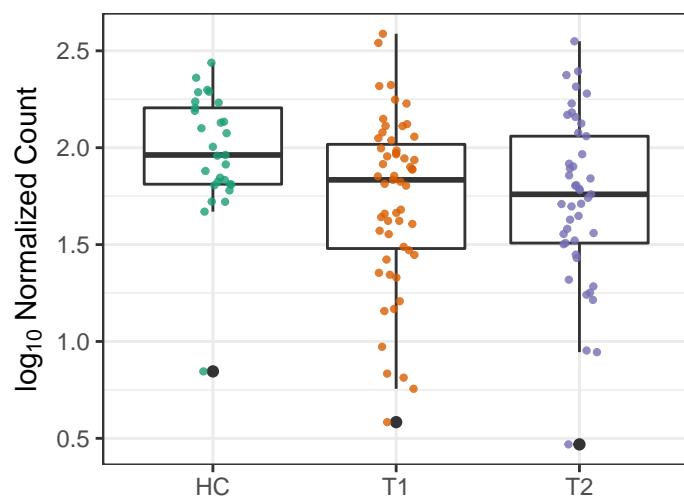


### Roseibacterium

HC vs. T1 p = 0.012

HC vs. T2 p = 0.022

T1 vs. T2 p = 1

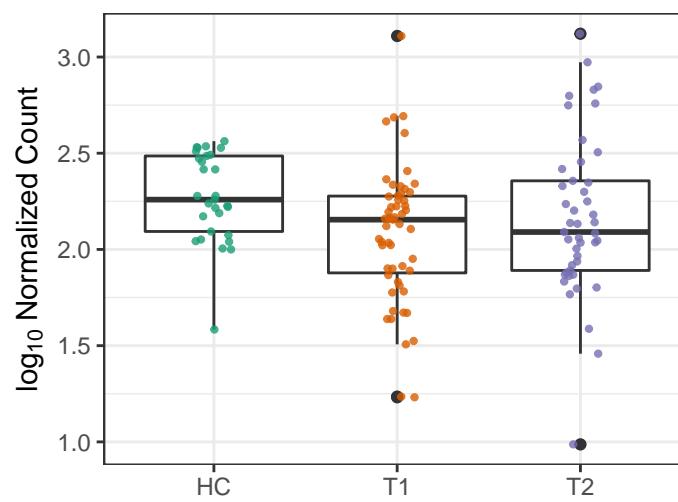


### Salimicrobium

HC vs. T1 p = 0.012

HC vs. T2 p = 0.2

T1 vs. T2 p = 0.78

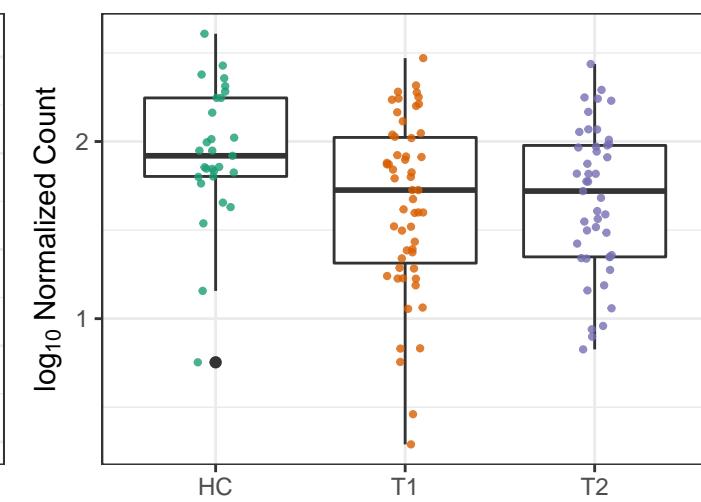


### Tetrasphaera

HC vs. T1 p = 0.012

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.86

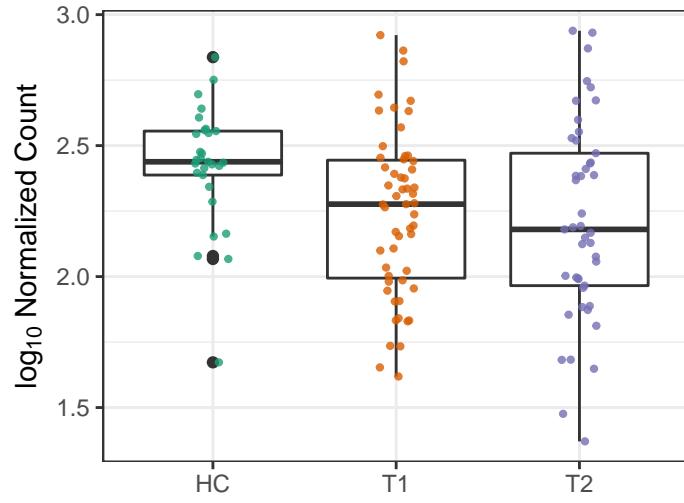


### Oenococcus

HC vs. T1 p = 0.012

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.84

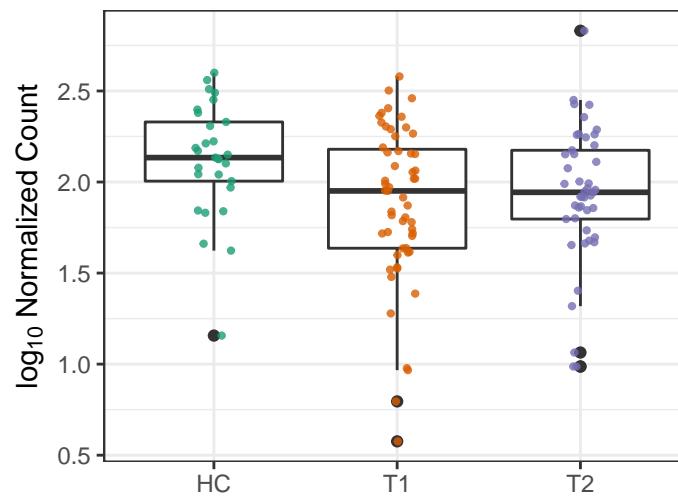


### Xylella

HC vs. T1 p = 0.012

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.8

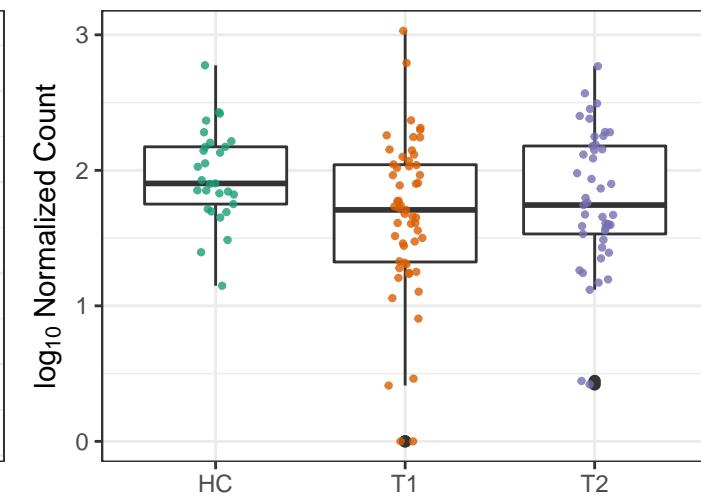


### Yoonia

HC vs. T1 p = 0.012

HC vs. T2 p = 0.11

T1 vs. T2 p = 0.78

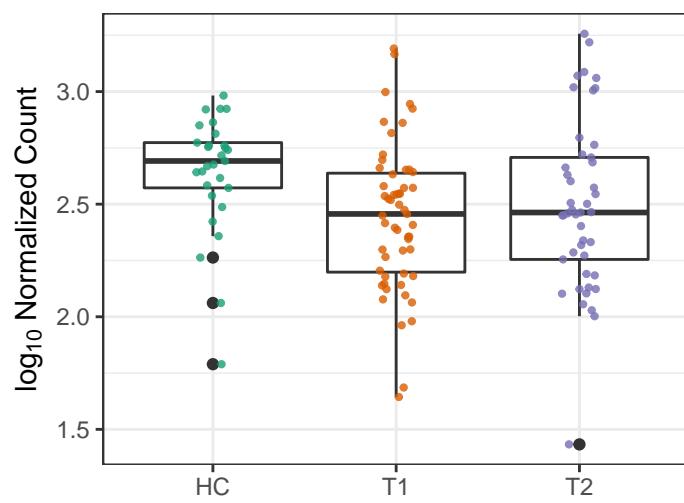


### Pelosinus

HC vs. T1 p = 0.012

HC vs. T2 p = 0.091

T1 vs. T2 p = 0.81

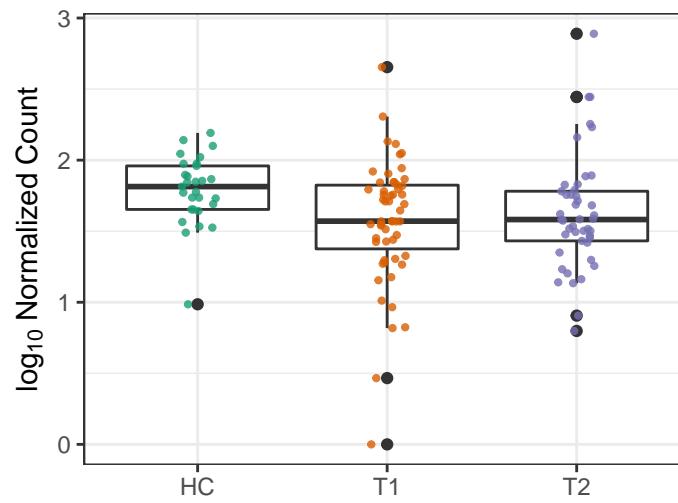


### Methanospirillum

HC vs. T1 p = 0.012

HC vs. T2 p = 0.057

T1 vs. T2 p = 0.83

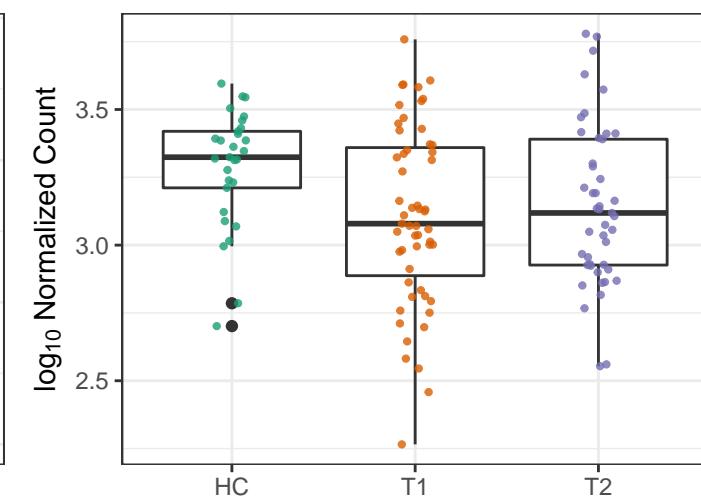


### Unclassified Clostridia Class

HC vs. T1 p = 0.012

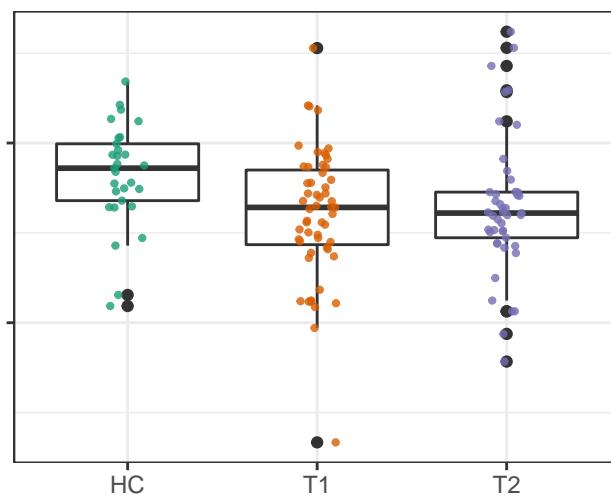
HC vs. T2 p = 0.044

T1 vs. T2 p = 0.81



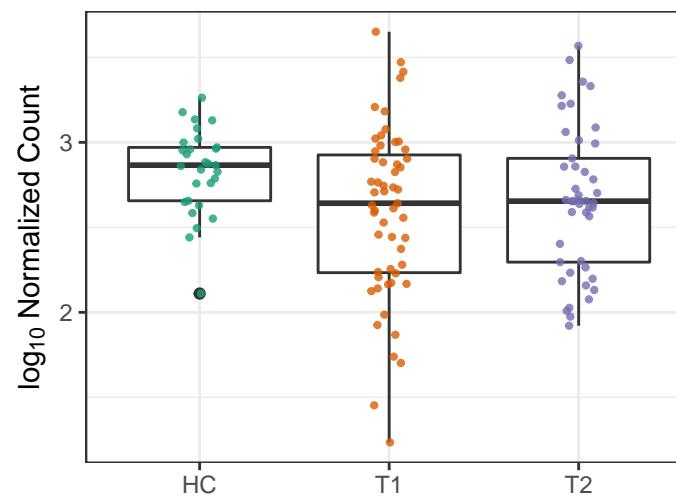
### Gilvibacter

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.85



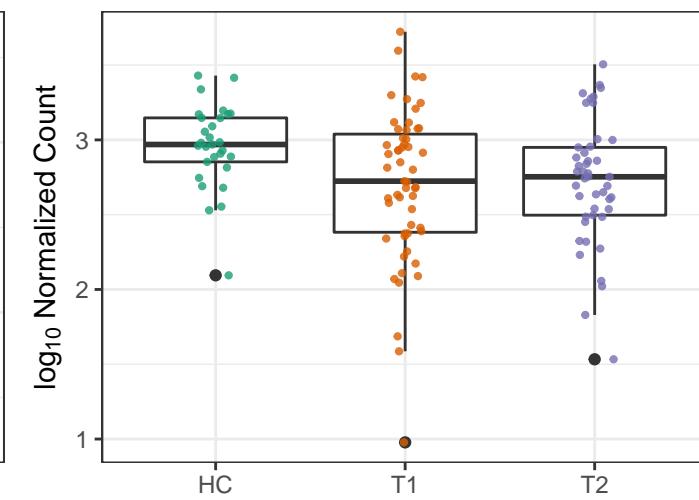
### Symbiobacterium

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.057  
T1 vs. T2 p = 0.78



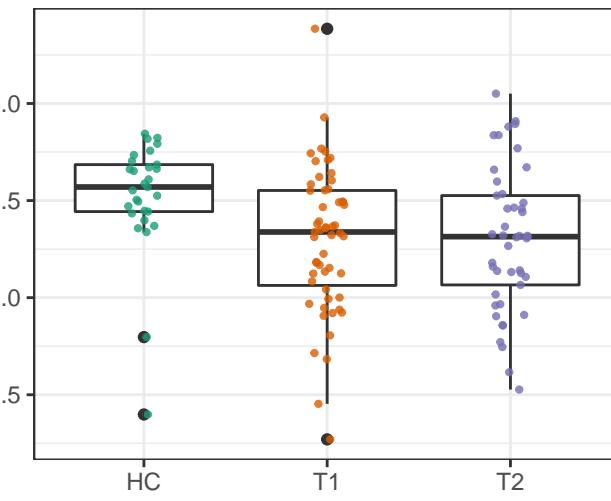
### Kocuria

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.85



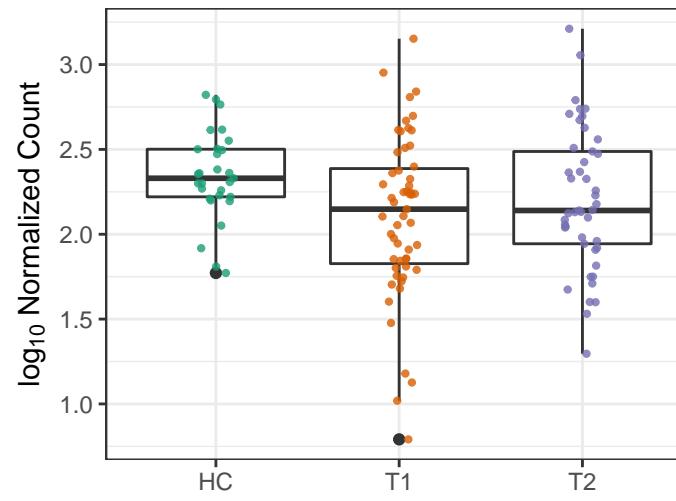
### Kushneria

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.89



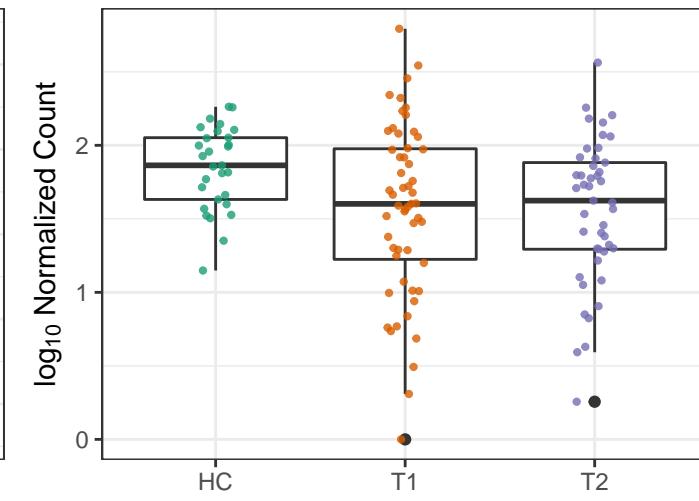
### Luteitalea

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.78



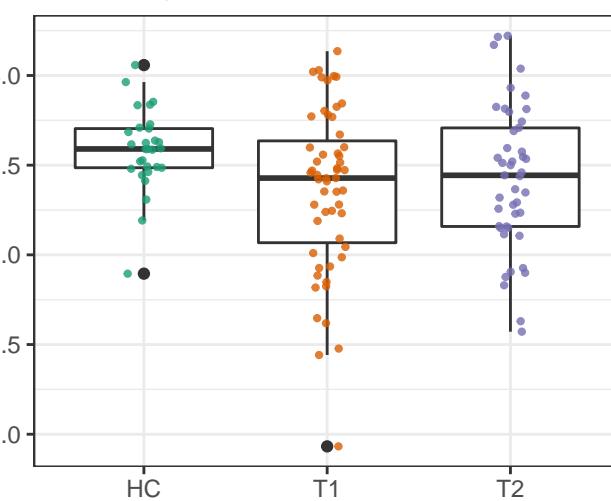
### Afipia

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 1



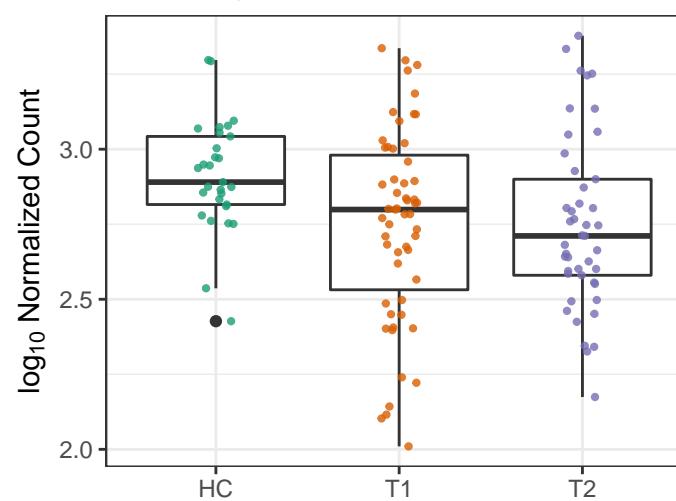
### Unclassified Micrococcaceae Family

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.066  
T1 vs. T2 p = 0.78



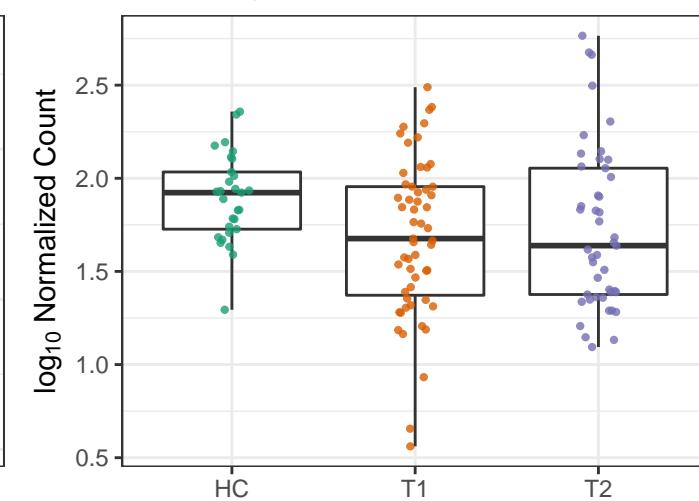
### Microbulbifer

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.85

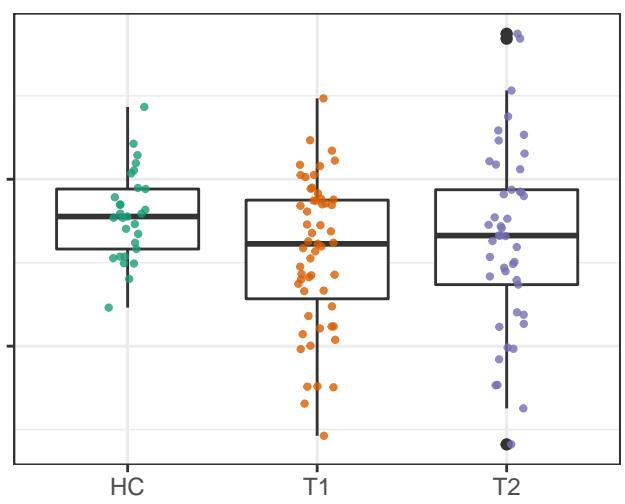


### Chthonomonas

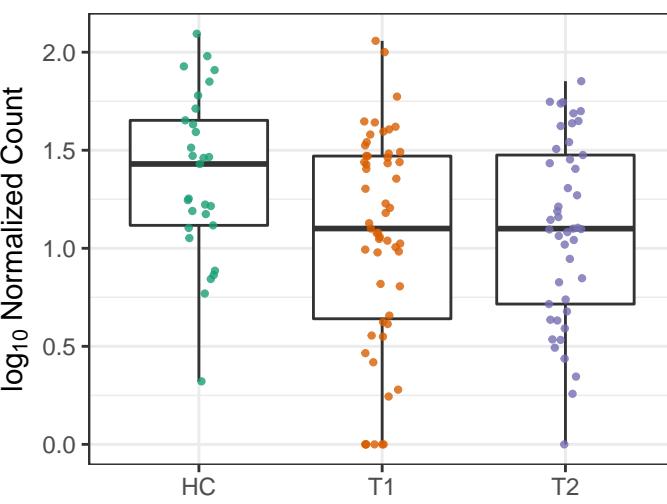
HC vs. T1 p = 0.013  
HC vs. T2 p = 0.065  
T1 vs. T2 p = 0.82



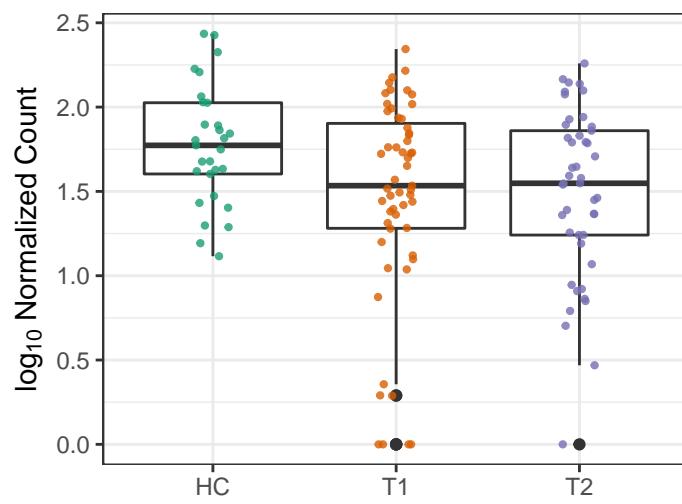
**Neomicrococcus**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.2  
 T1 vs. T2 p = 0.78



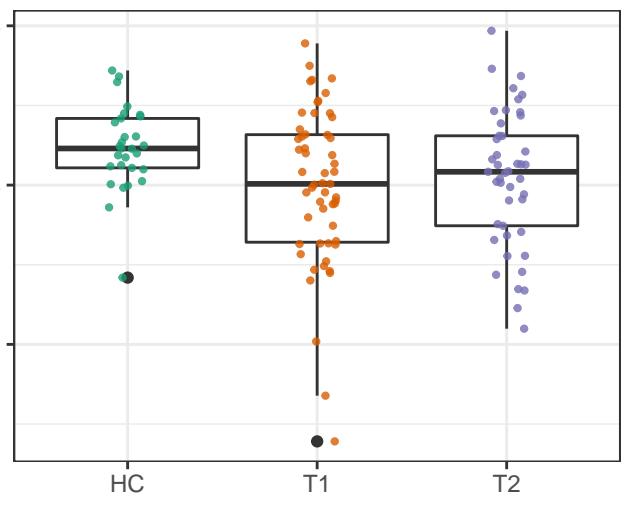
**Halanaeroarchaeum**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.029  
 T1 vs. T2 p = 0.91



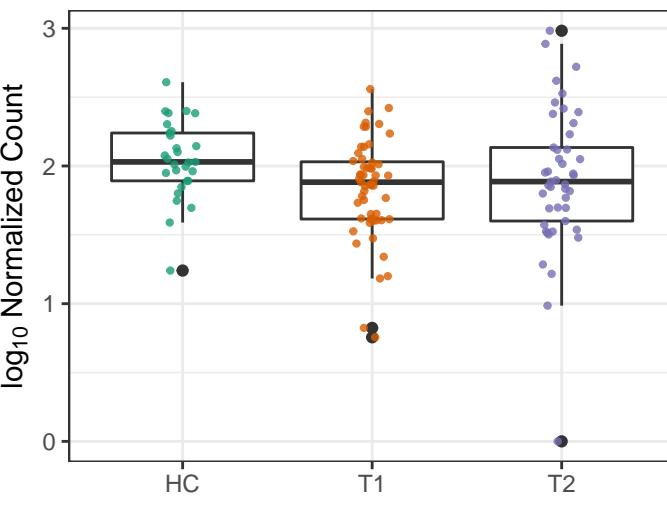
**Unclassified Synechococcaceae Family**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.022  
 T1 vs. T2 p = 0.85



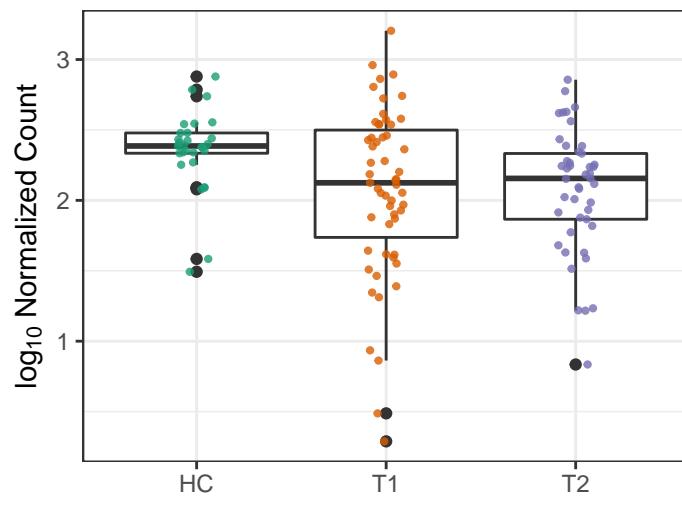
**Amycolatopsis**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.043  
 T1 vs. T2 p = 0.78



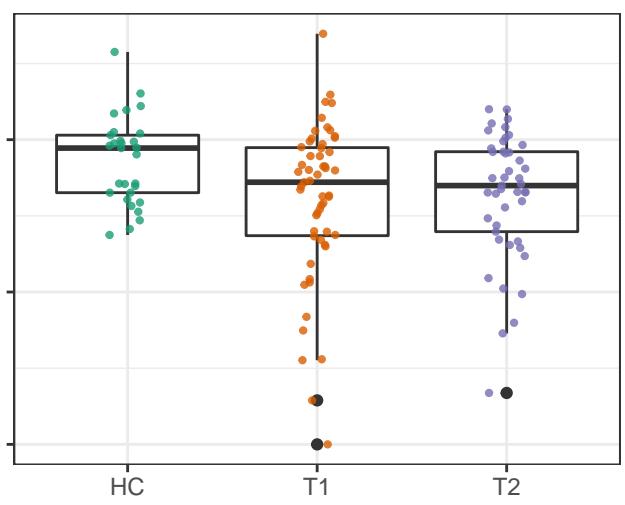
**Pseudorhodobacter**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.17  
 T1 vs. T2 p = 0.78



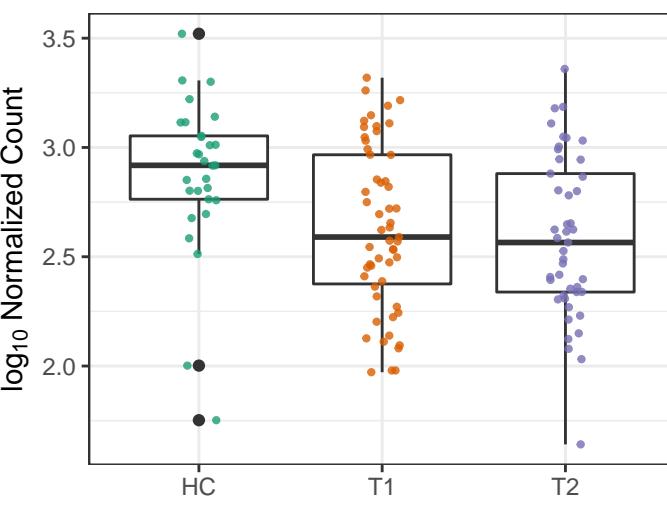
**Euzebya**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.012  
 T1 vs. T2 p = 0.93



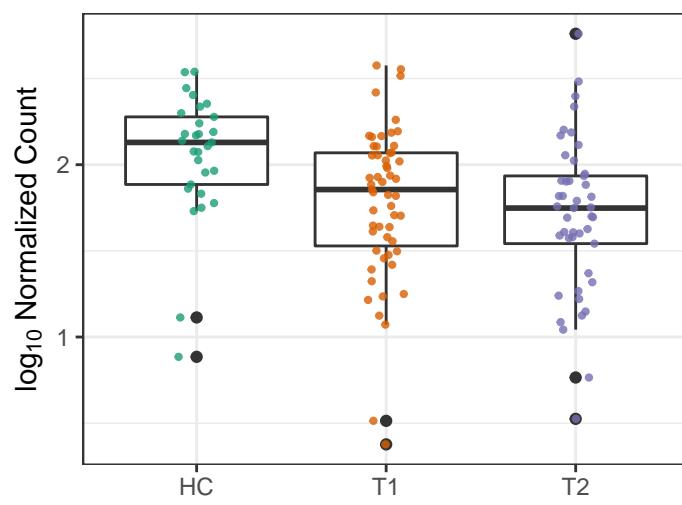
**Acidilobus**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.023  
 T1 vs. T2 p = 0.79



**Acholeplasma**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.011  
 T1 vs. T2 p = 0.81

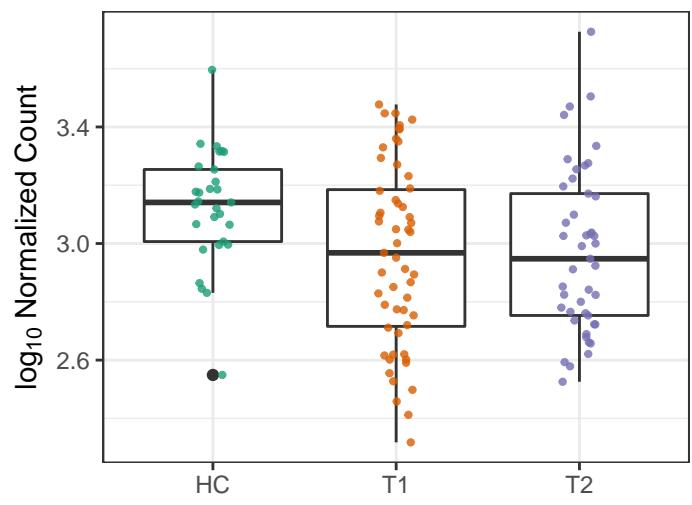


**Catenovulum**  
 HC vs. T1 p = 0.013  
 HC vs. T2 p = 0.0073  
 T1 vs. T2 p = 0.78



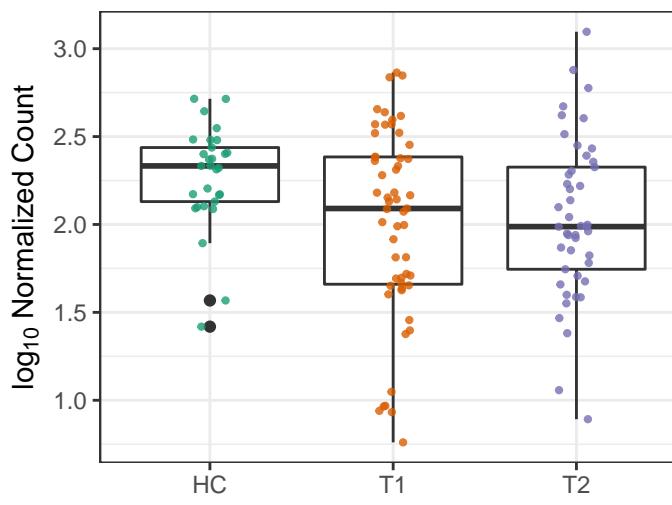
### Pseudoalteromonas

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.97



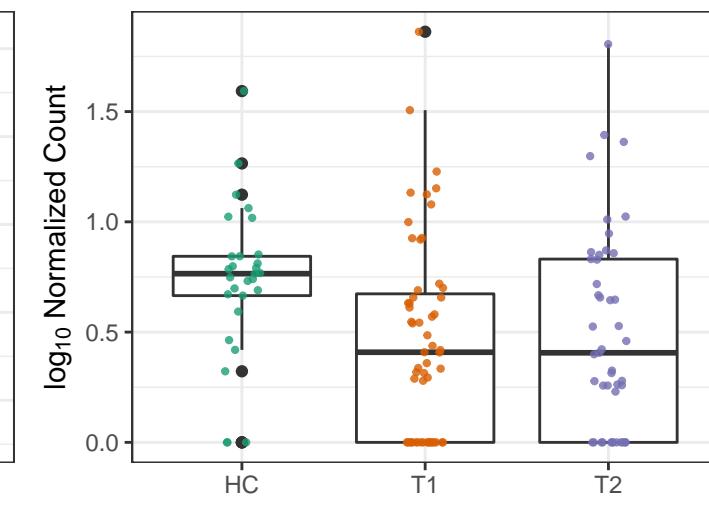
### Sphaerotilus

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.78



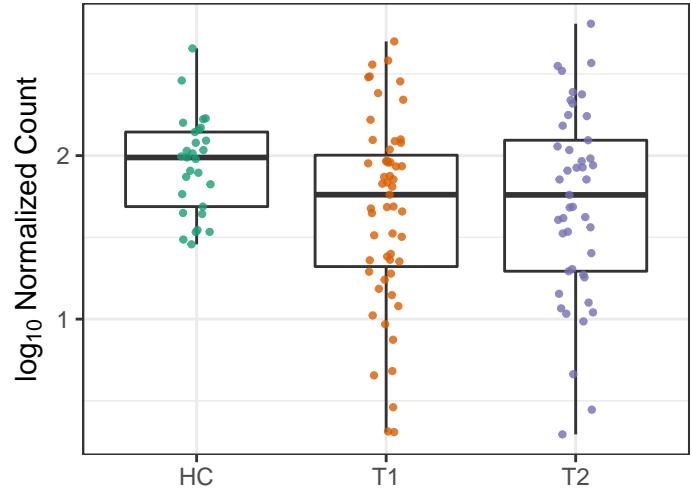
### Unclassified Halanaerobiales Order

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.85



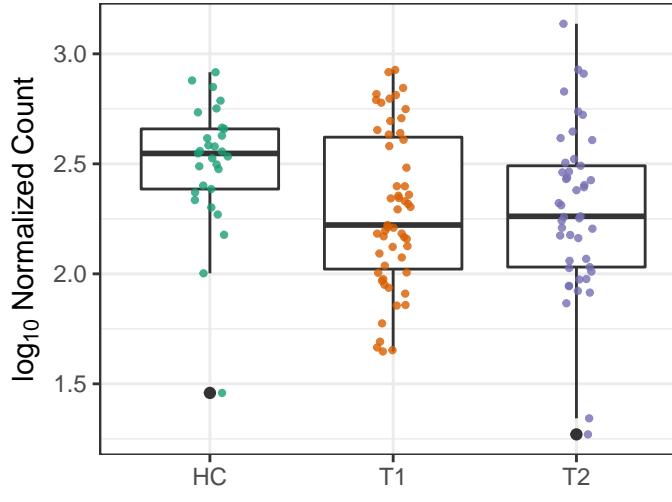
### Halorussus

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 0.85



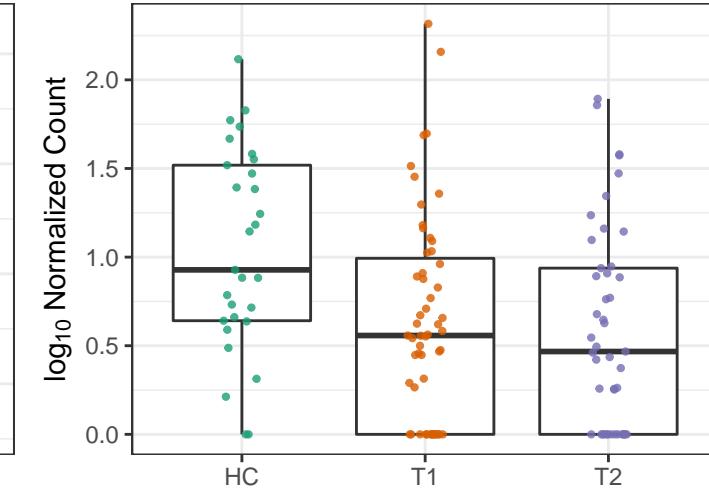
### Halanaerobium

HC vs. T1 p = 0.013  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.97



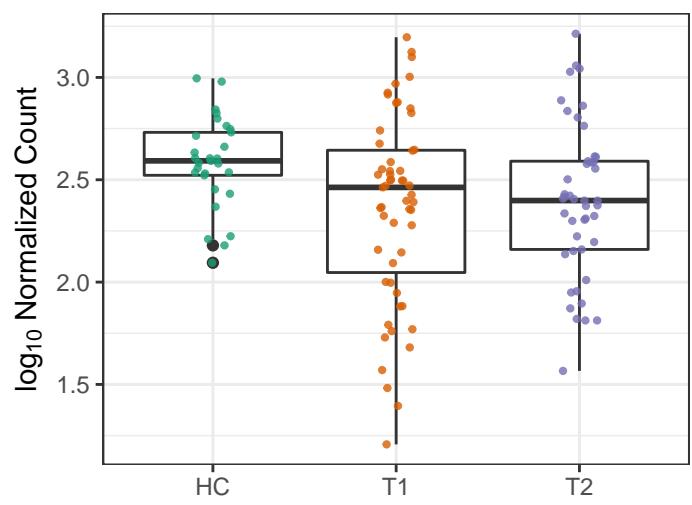
### Unclassified Desulfuromonadaceae Family

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 1



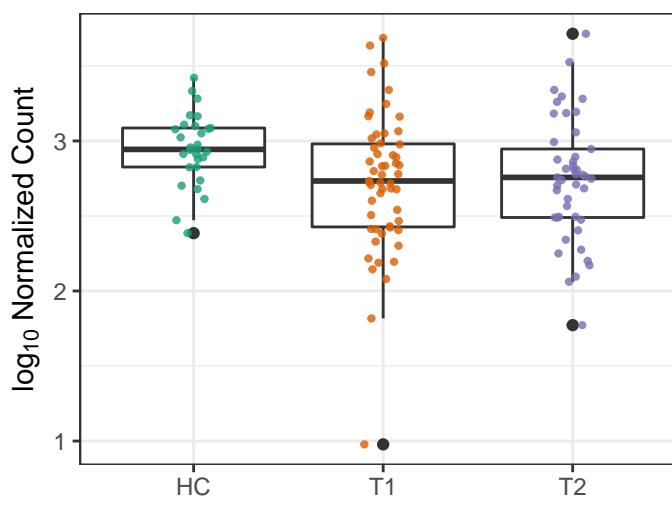
### Gloeobacter

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.8



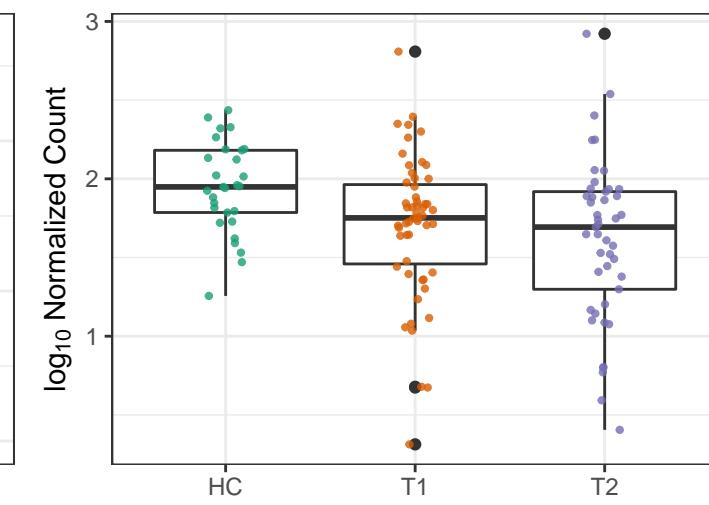
### Rhodopseudomonas

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.86



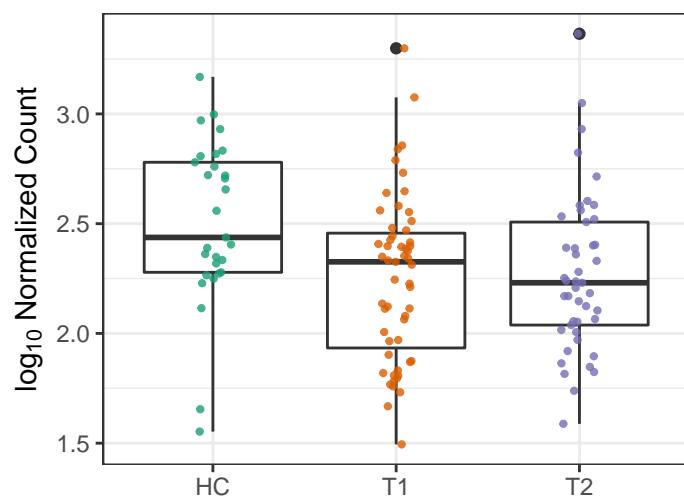
### Parashewanella

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.0087  
T1 vs. T2 p = 0.78



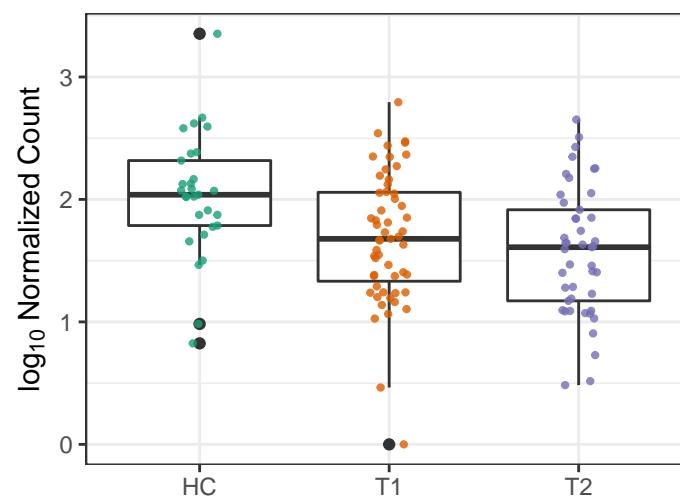
### *Heliolestis*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.027  
 T1 vs. T2 p = 0.85



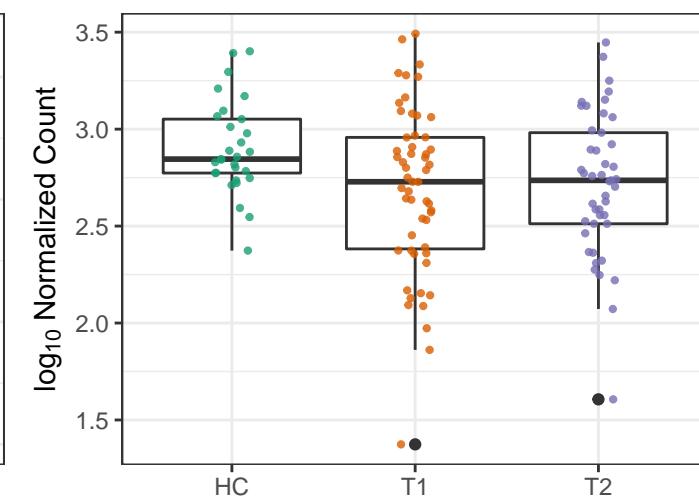
### *Streptobacillus*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.0057  
 T1 vs. T2 p = 0.78



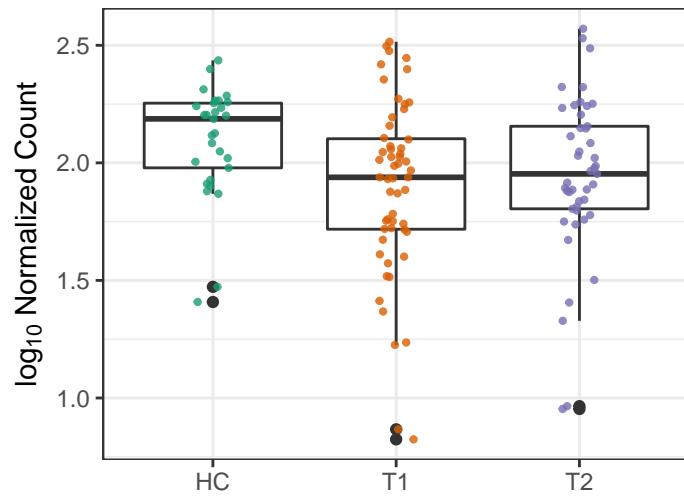
### *Erythrobacter*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.029  
 T1 vs. T2 p = 0.8



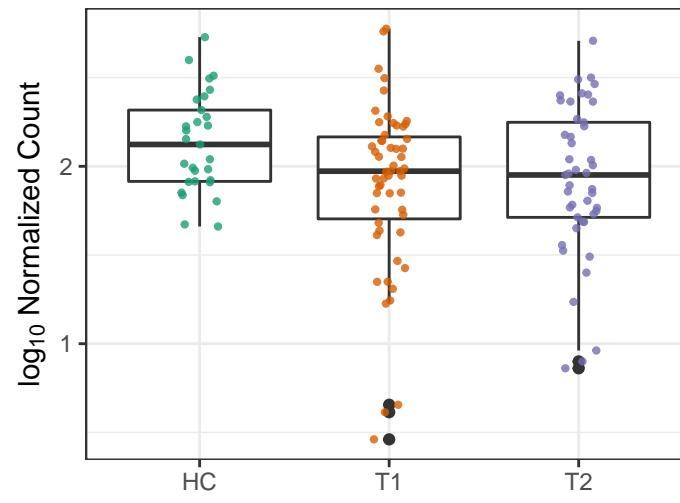
### *Pseudanabaena*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.056  
 T1 vs. T2 p = 0.81



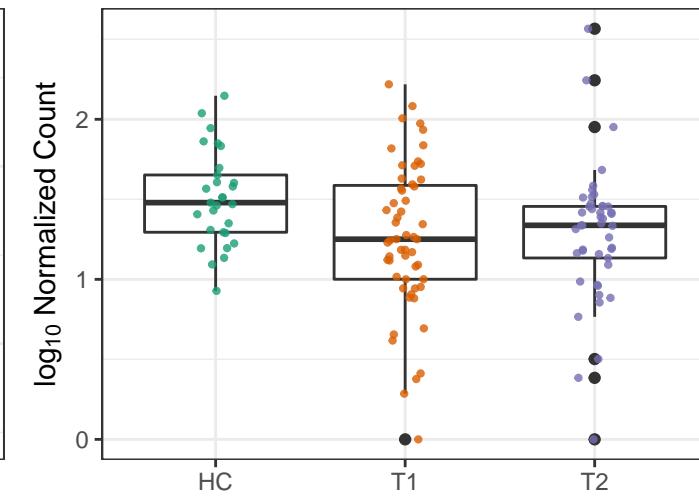
### *Candidatus Accumulibacter*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.031  
 T1 vs. T2 p = 0.78



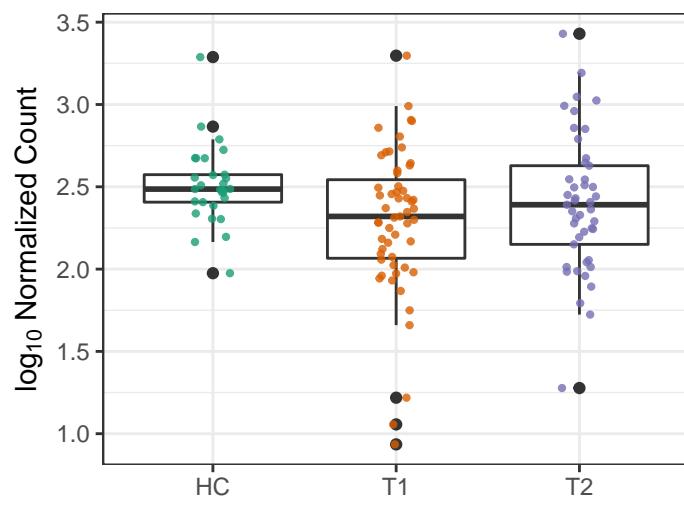
### *Candidatus Aquiluna*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.028  
 T1 vs. T2 p = 0.86



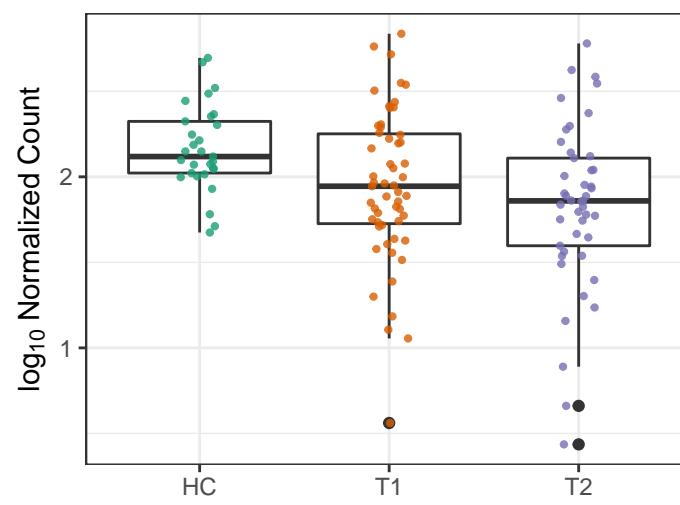
### *Hyphomicrobium*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.2  
 T1 vs. T2 p = 0.78



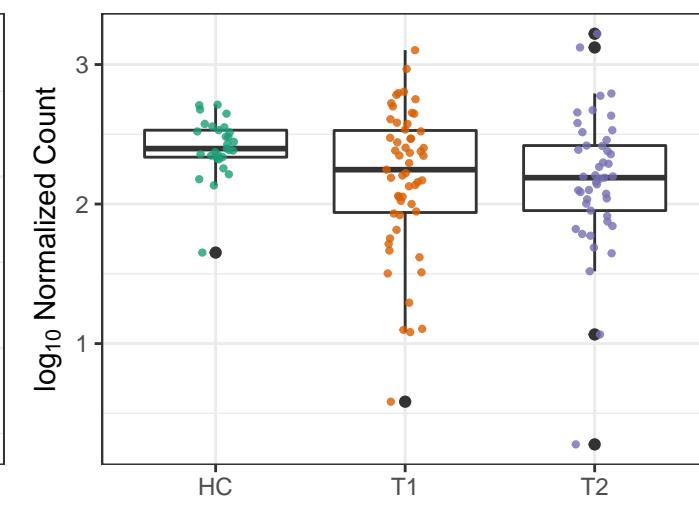
### *Gibbsiella*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.0051  
 T1 vs. T2 p = 0.85



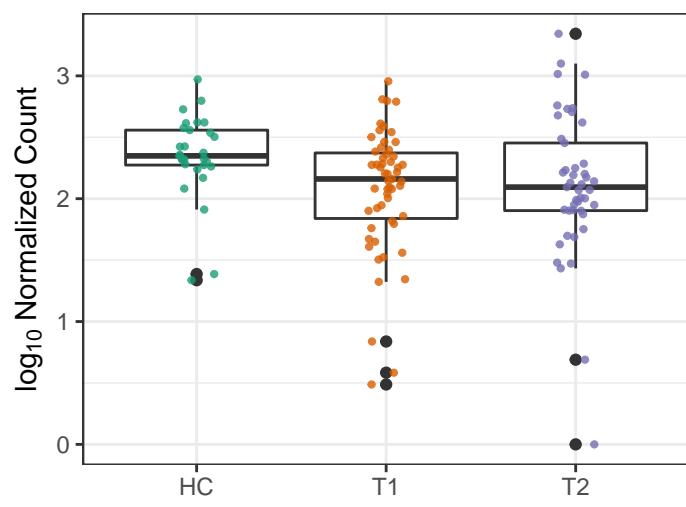
### *Thiodictyon*

HC vs. T1 p = 0.014  
 HC vs. T2 p = 0.022  
 T1 vs. T2 p = 1



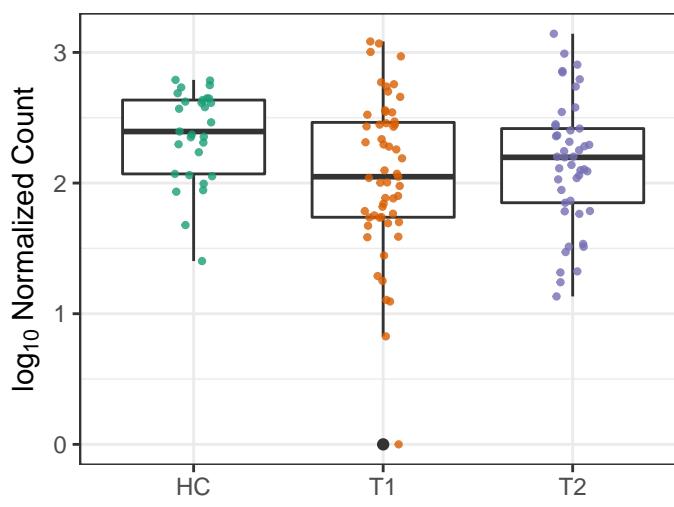
### Vogesella

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.065  
T1 vs. T2 p = 0.83



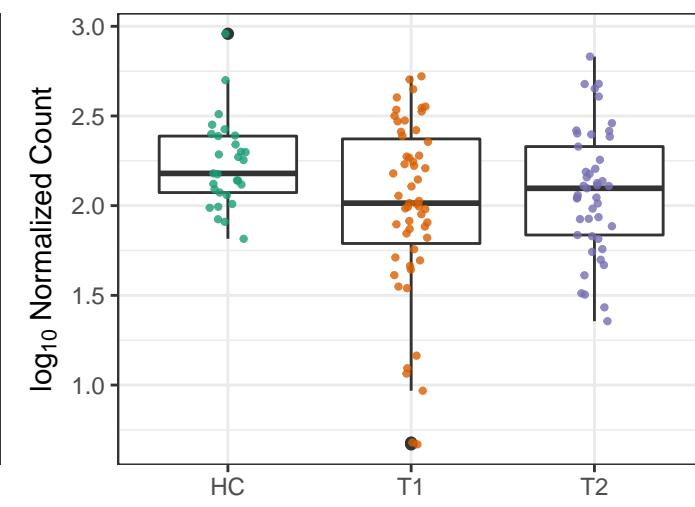
### Xylanimonas

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.78



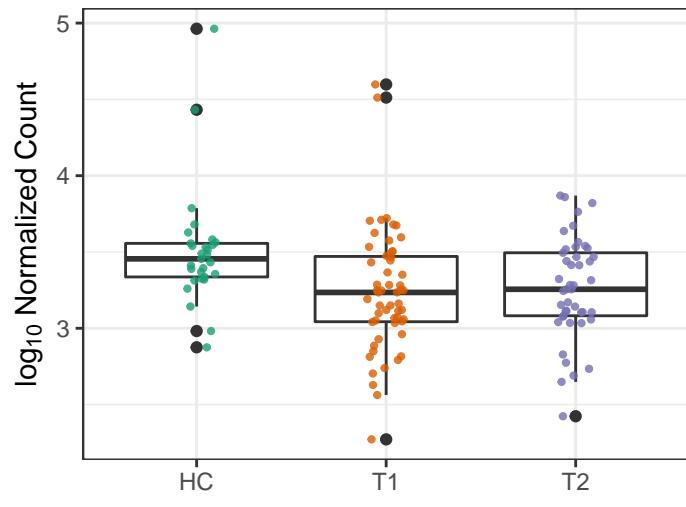
### Labrys

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.78



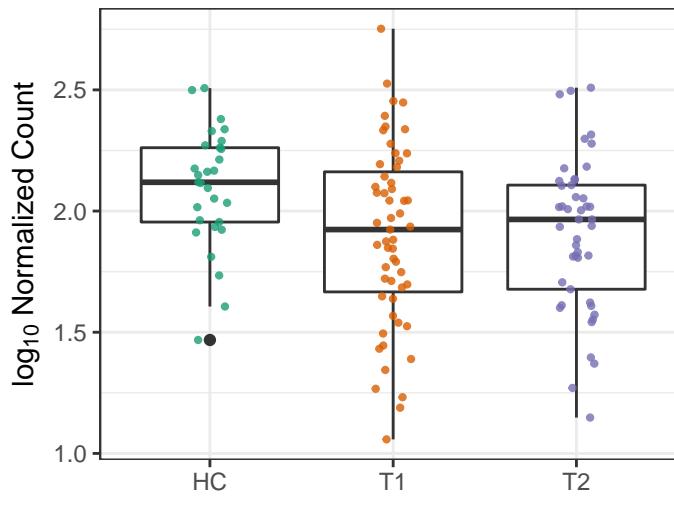
### Megasphaera

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.78



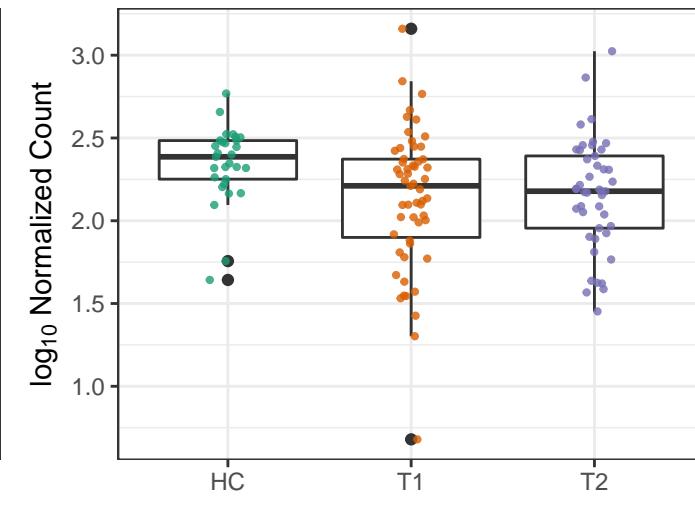
### Pseudothermotoga

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.021  
T1 vs. T2 p = 0.96



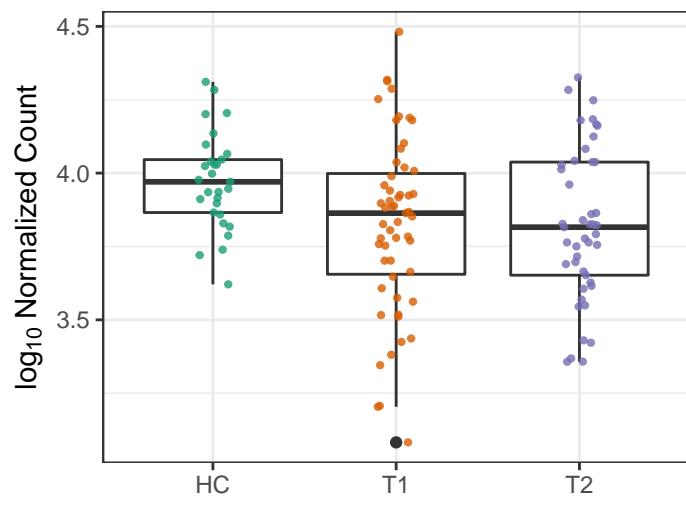
### Thermothelomyces

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.78



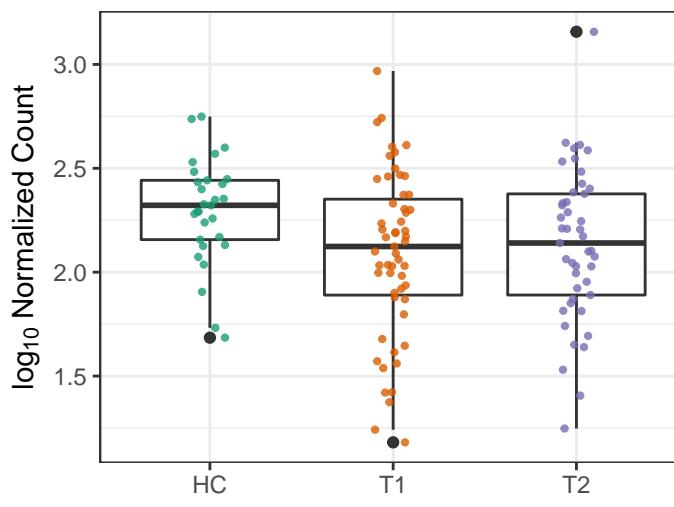
### Unclassified Gammaproteobacteria Cla

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.8



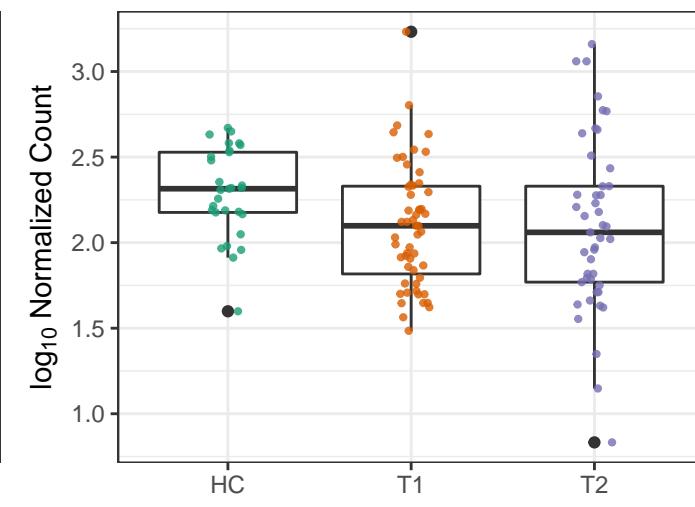
### Nitrosospira

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.78



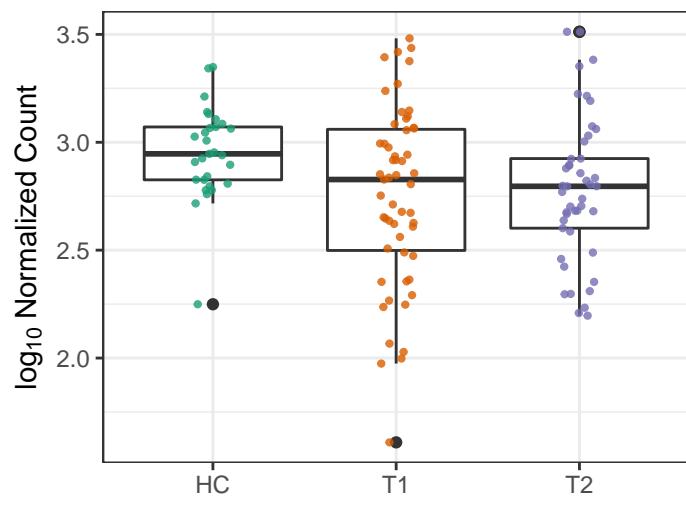
### Salinicoccus

HC vs. T1 p = 0.014  
HC vs. T2 p = 0.061  
T1 vs. T2 p = 0.97



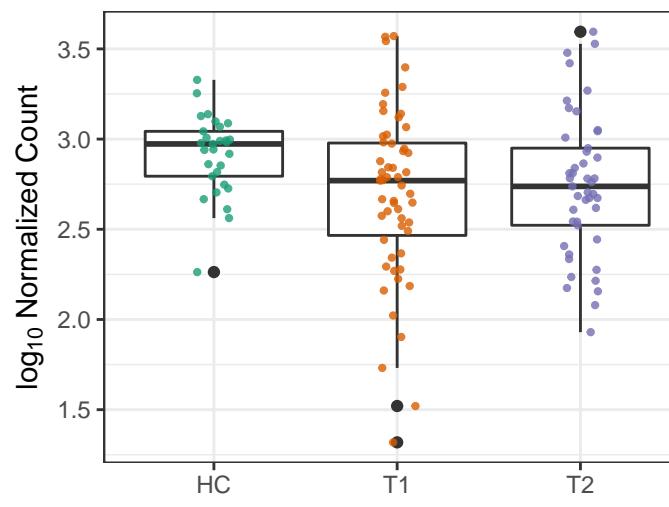
### Sphingopyxis

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.81



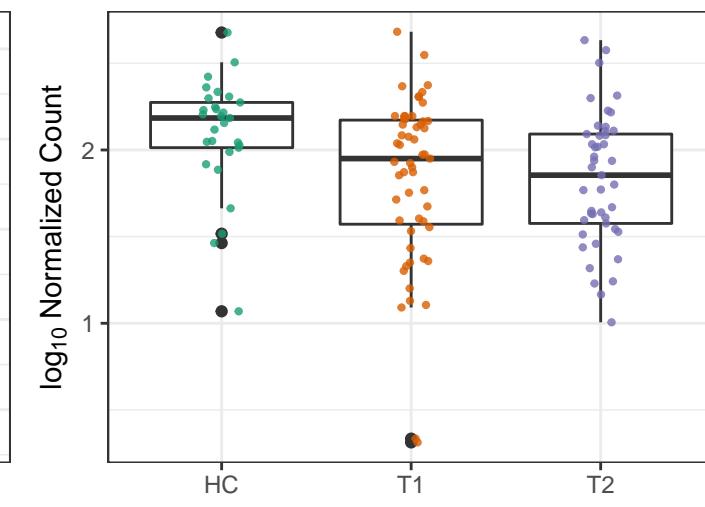
### Rubrobacter

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.78



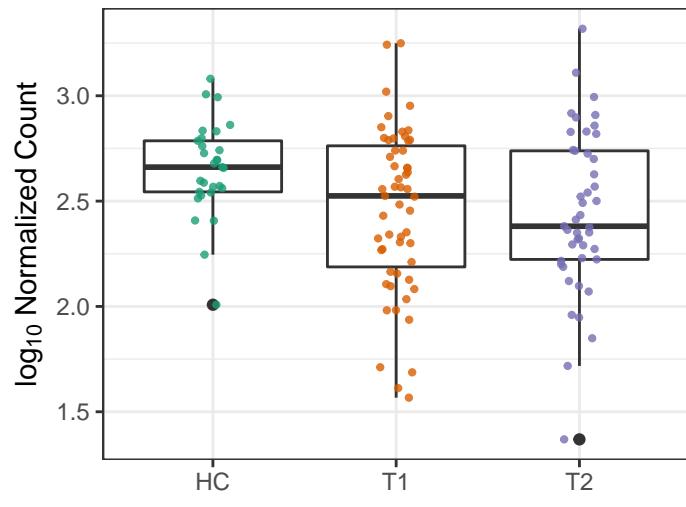
### Pontibacillus

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.93



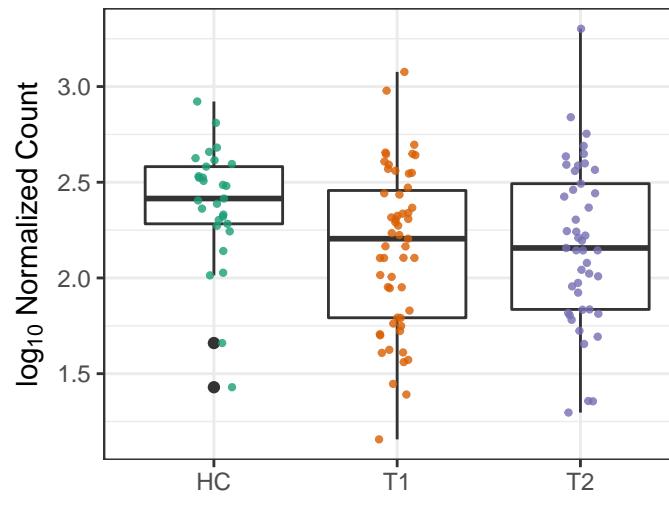
### Neorhizobium

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.97



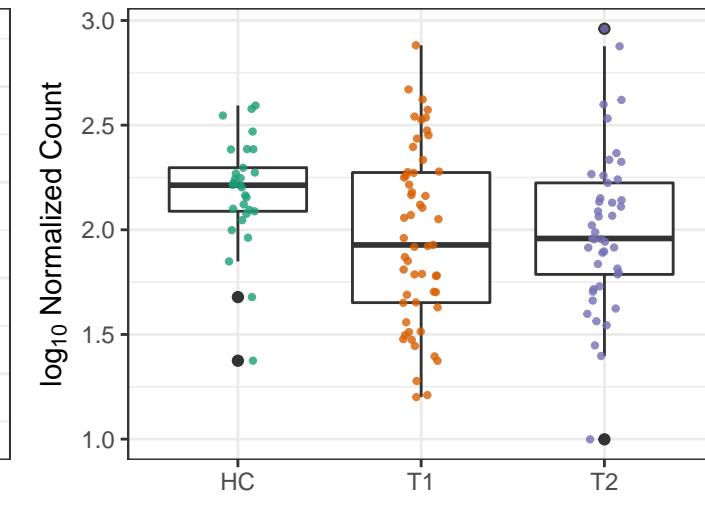
### Jeotgalibacillus

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.85



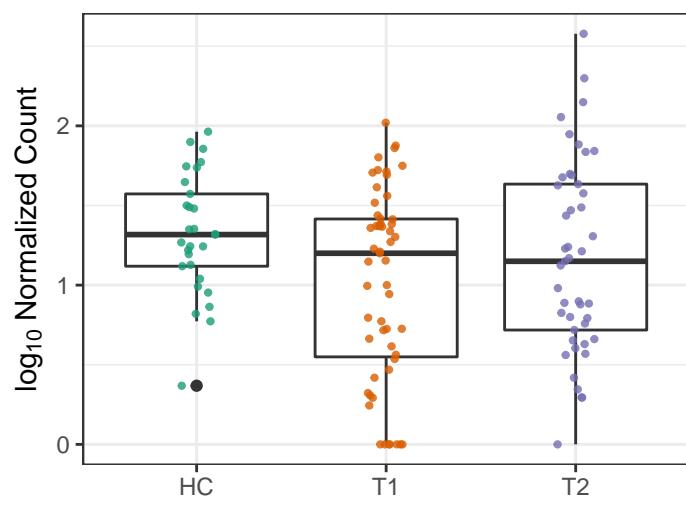
### Geovibrio

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.81



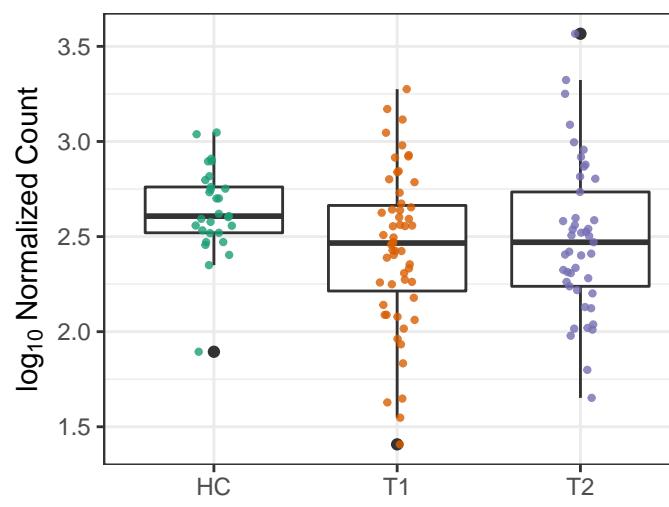
### Unclassified Xanthobacteraceae Family

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.25  
T1 vs. T2 p = 0.78



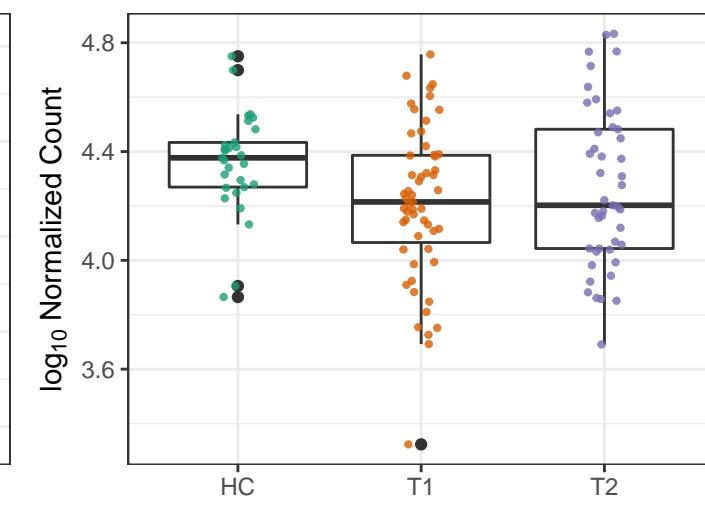
### Chlorobaculum

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.076  
T1 vs. T2 p = 0.78



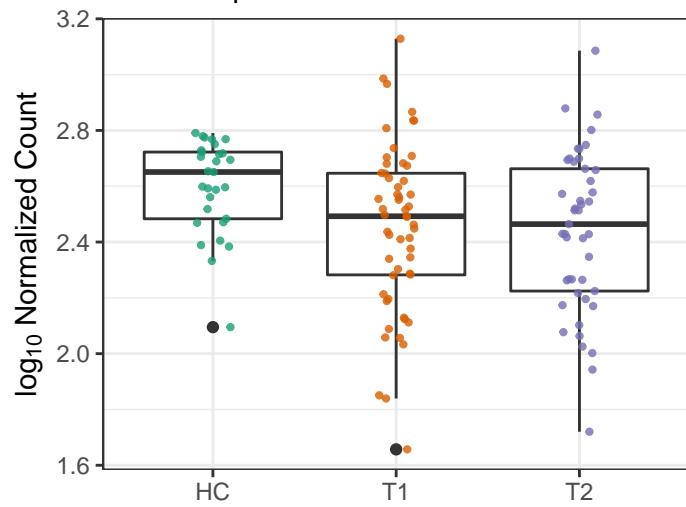
### Paenibacillus

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.78



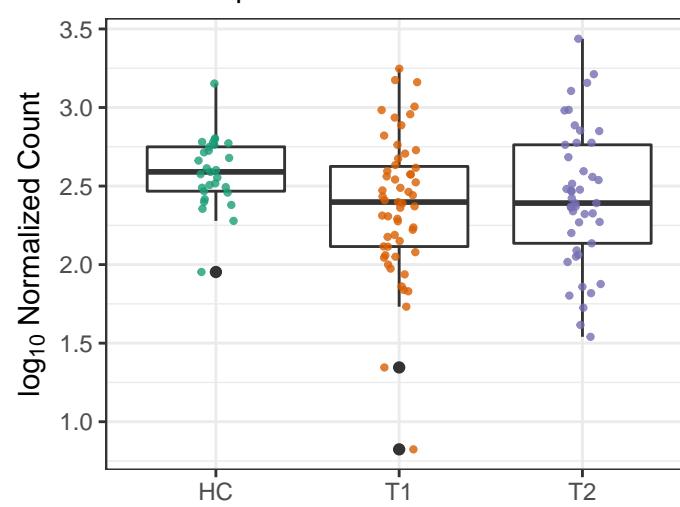
### Thermotoga

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.99



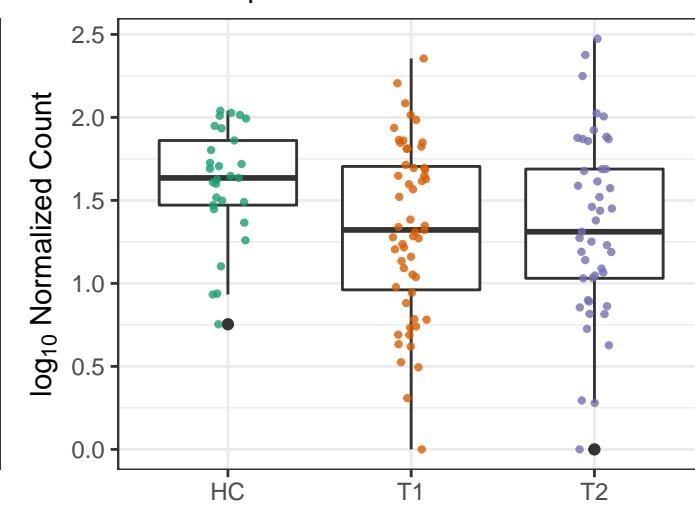
### Microvirga

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.069  
T1 vs. T2 p = 0.8



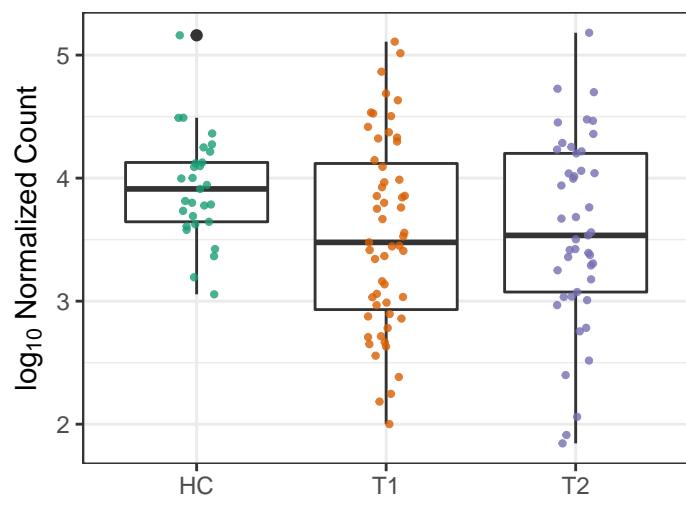
### Halapricum

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.037  
T1 vs. T2 p = 0.91



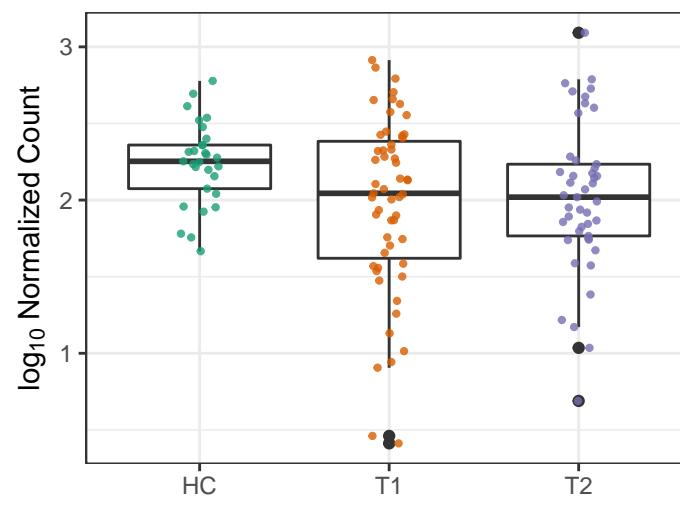
### Schaalia

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.036  
T1 vs. T2 p = 0.79



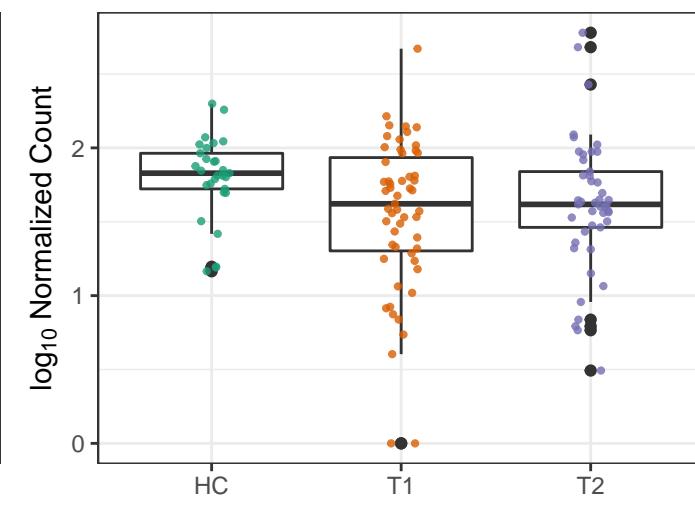
### Xanthobacter

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.037  
T1 vs. T2 p = 0.78



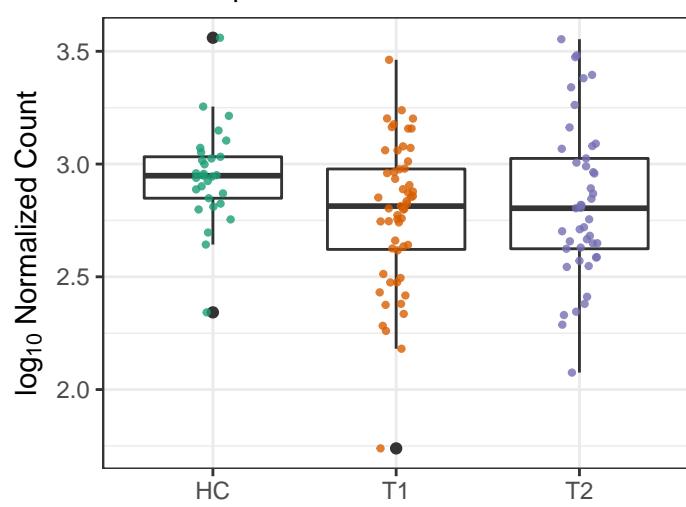
### Dermatophilus

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.071  
T1 vs. T2 p = 0.78



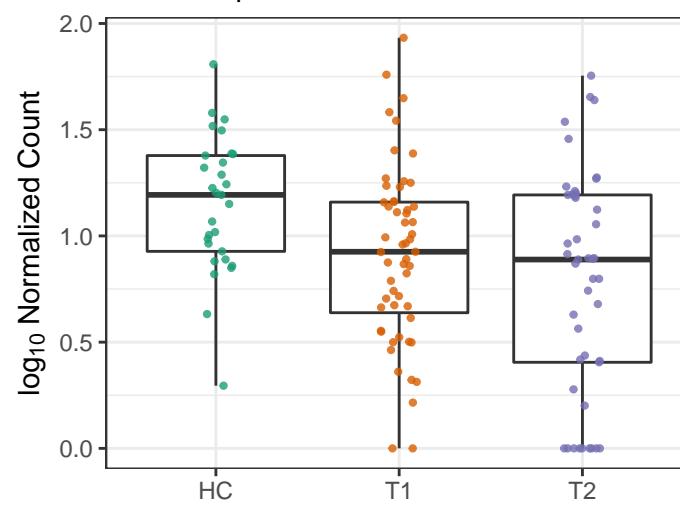
### Unclassified Paenibacillaceae Family

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.78



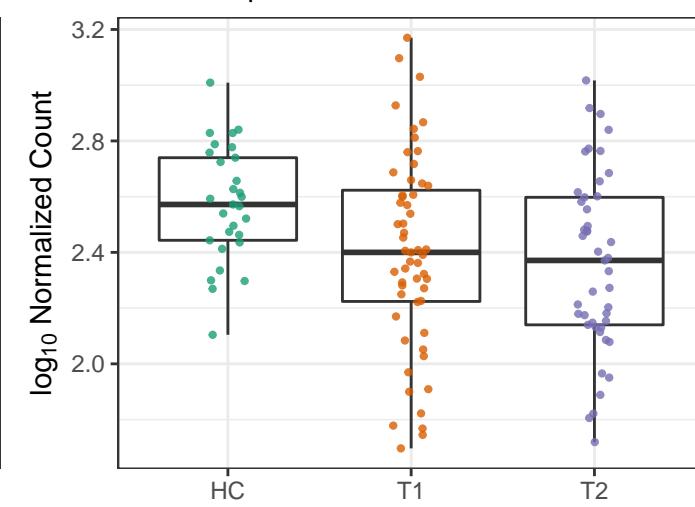
### Candidatus Doolittlea

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.0059  
T1 vs. T2 p = 0.78



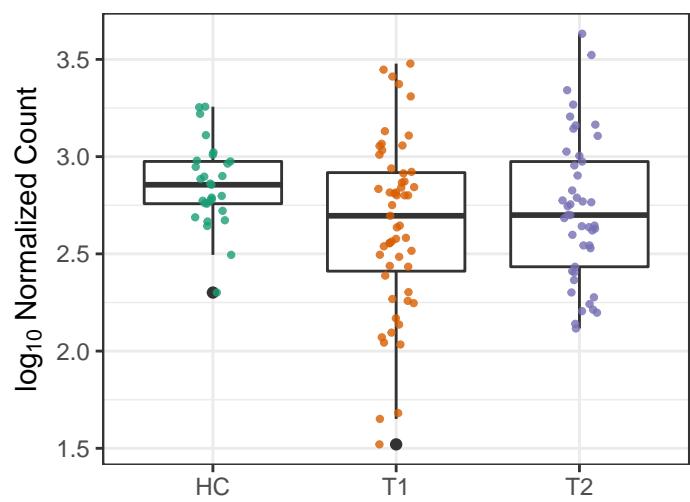
### Flavisolibacter

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.009  
T1 vs. T2 p = 0.83



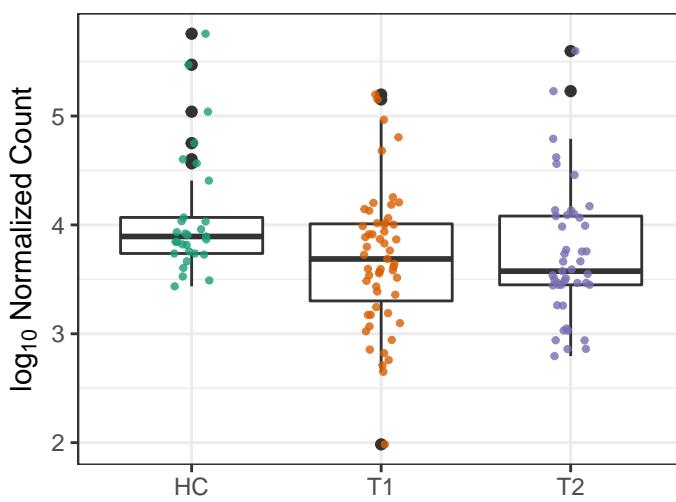
### Nonomuraea

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.097  
T1 vs. T2 p = 0.78



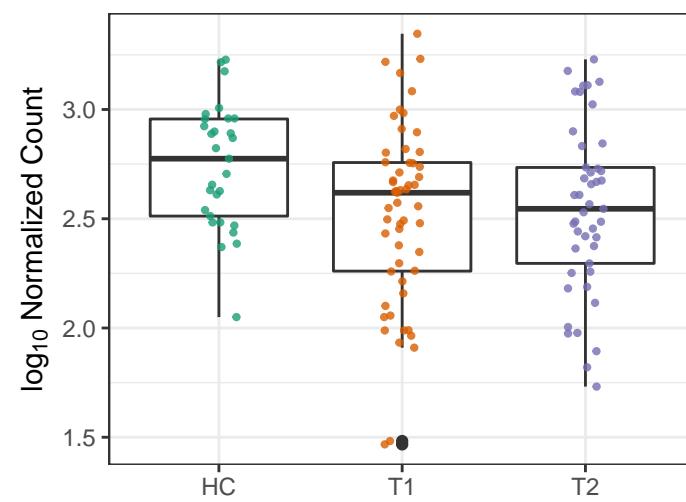
### Desulfovibrio

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.9



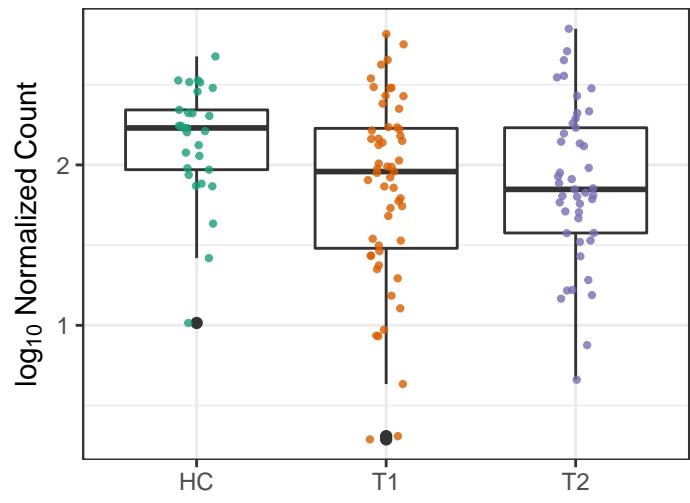
### Agromyces

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.034  
T1 vs. T2 p = 0.82



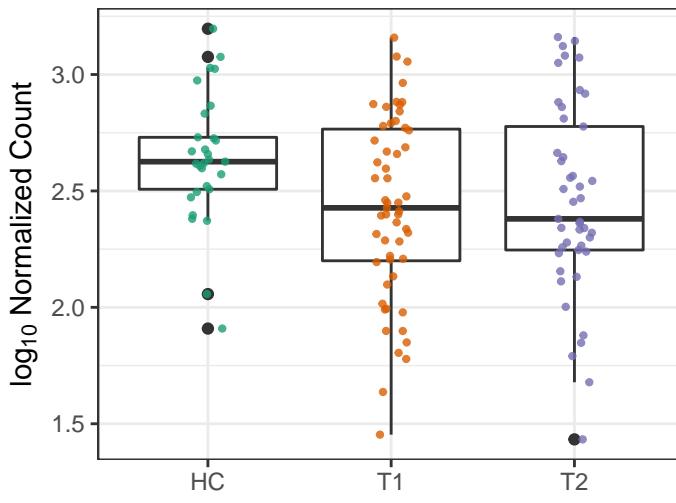
### Breoghania

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.92



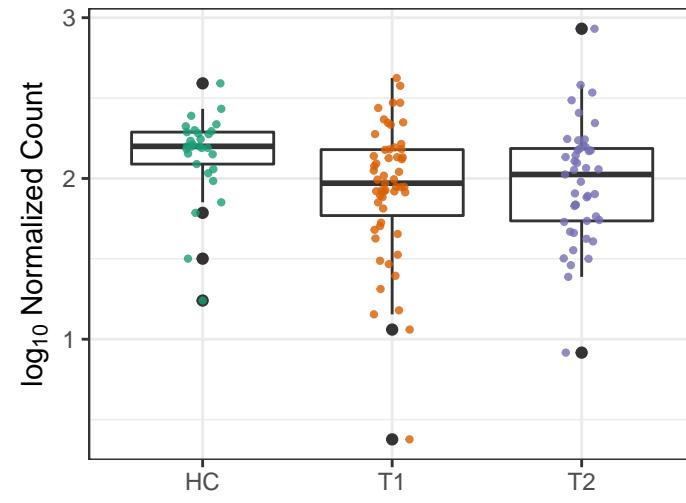
### Celeribacter

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.051  
T1 vs. T2 p = 0.81



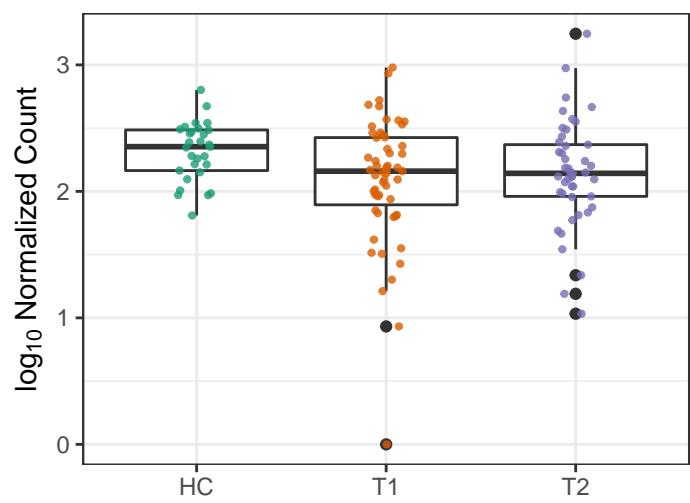
### Endozoicomonas

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.78



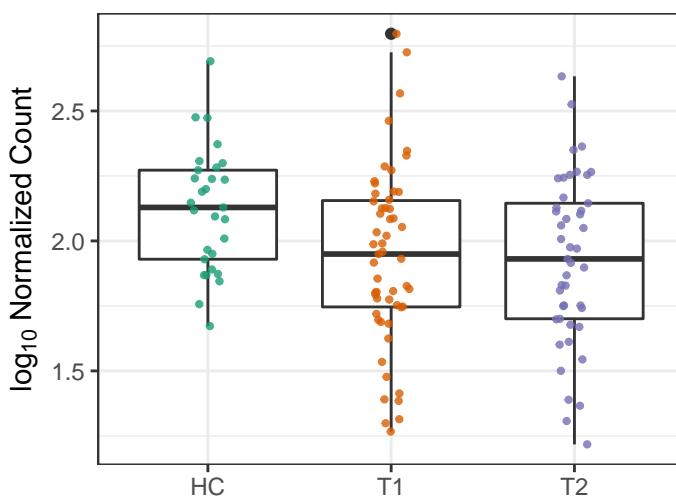
### Skermanella

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.78



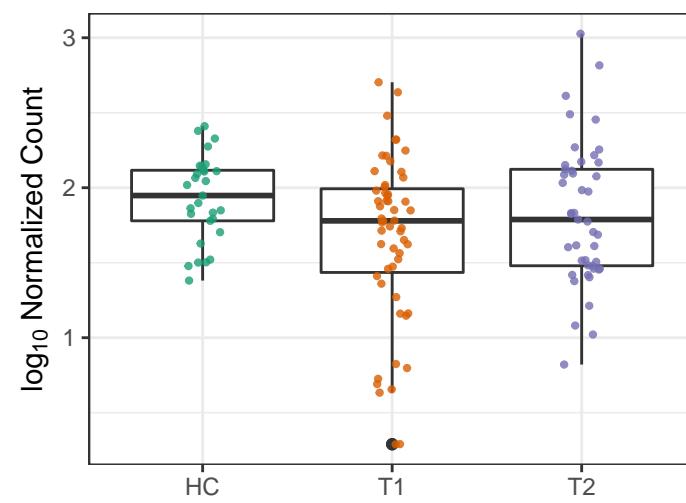
### Rhodoluna

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.97



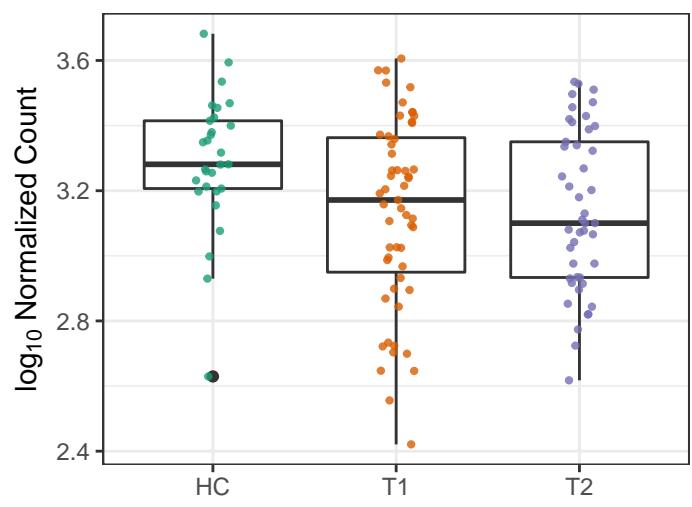
### Halomicrumbium

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.28  
T1 vs. T2 p = 0.78



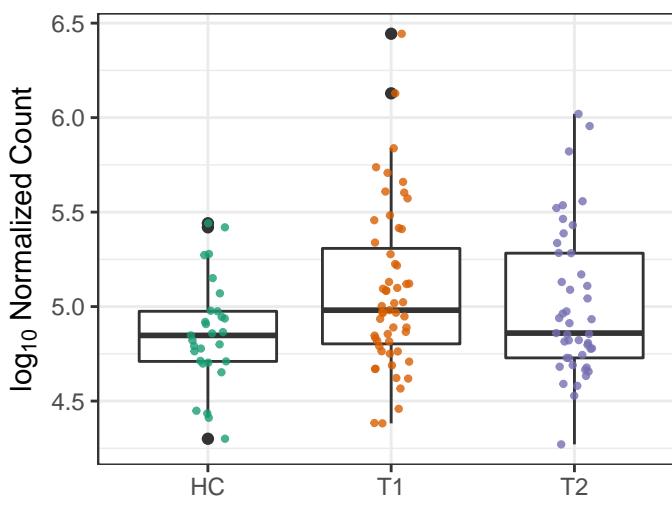
### Shewanella

HC vs. T1 p = 0.015  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.91



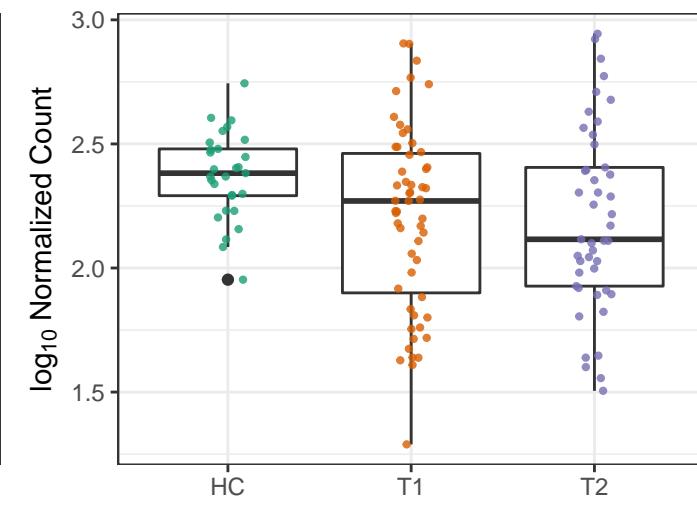
### Lachnoclostridium

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.099  
T1 vs. T2 p = 0.78



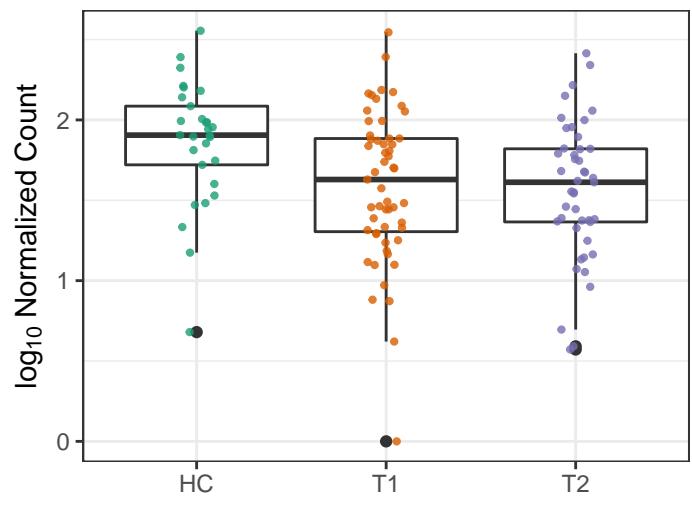
### Ferrimonas

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.99



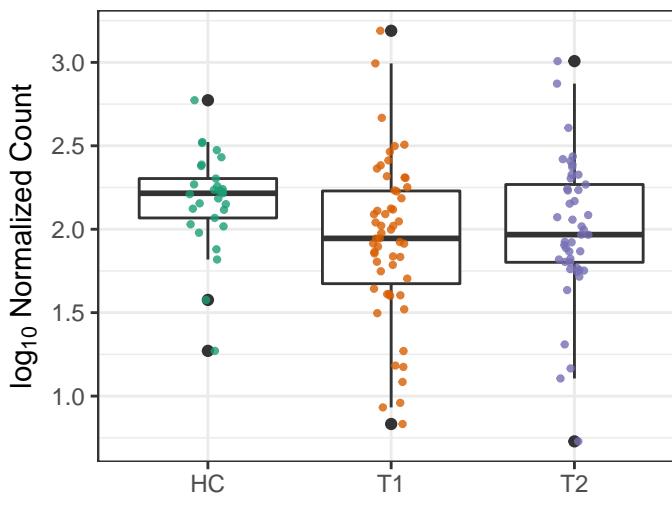
### Calditerrivibrio

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.99



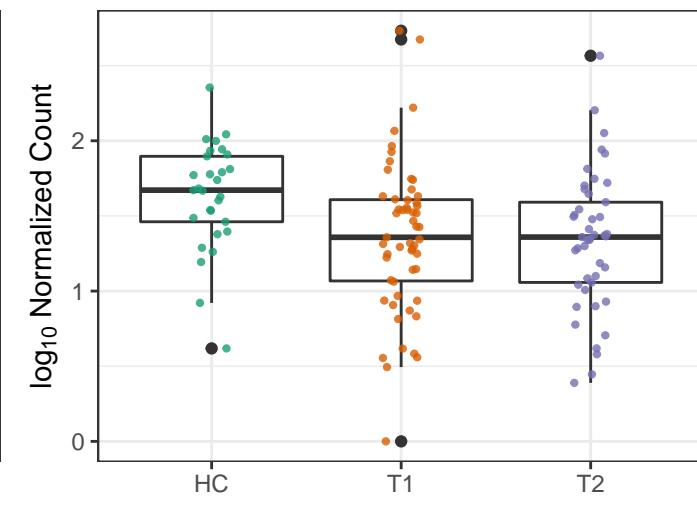
### Denitrovibrio

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.069  
T1 vs. T2 p = 0.79



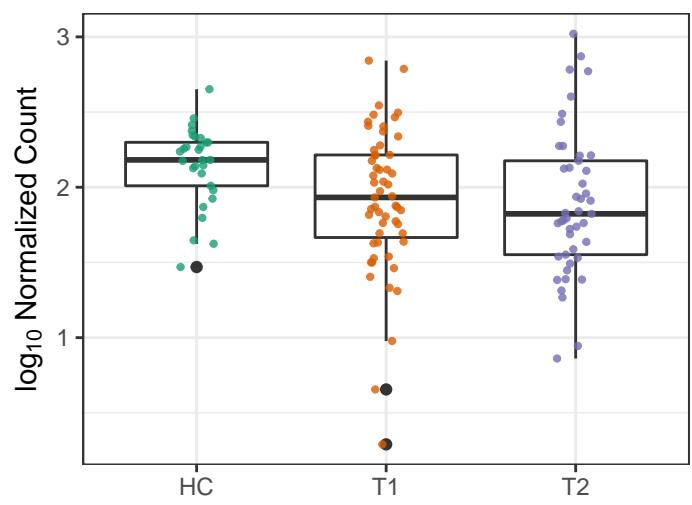
### Nitratiruptor

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.99



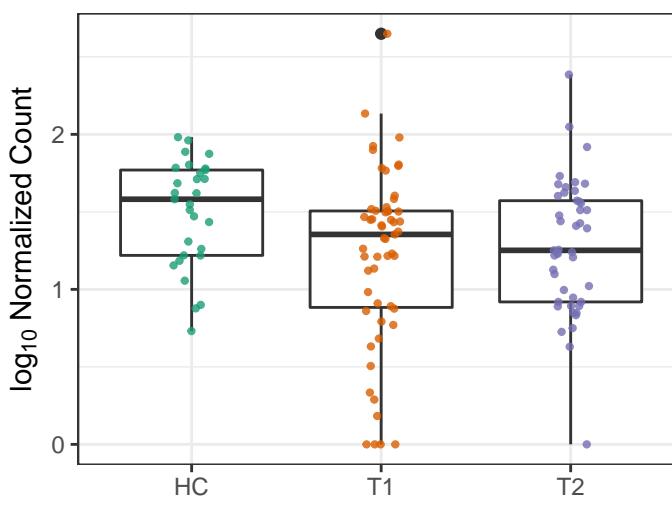
### Chloracidobacterium

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.98



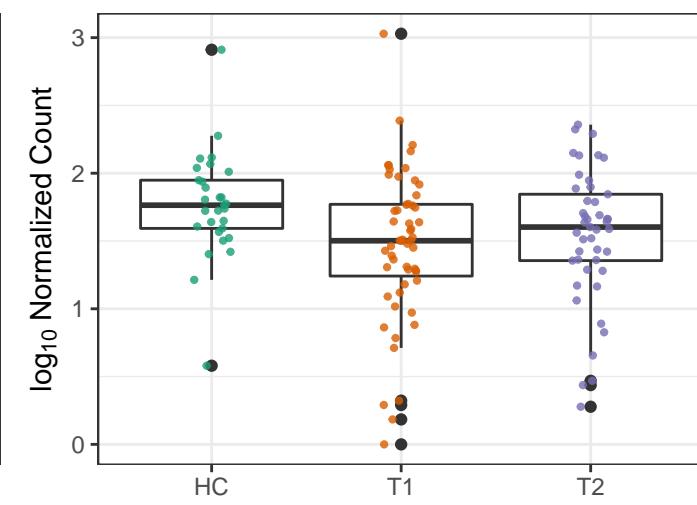
### Litoricola

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.81



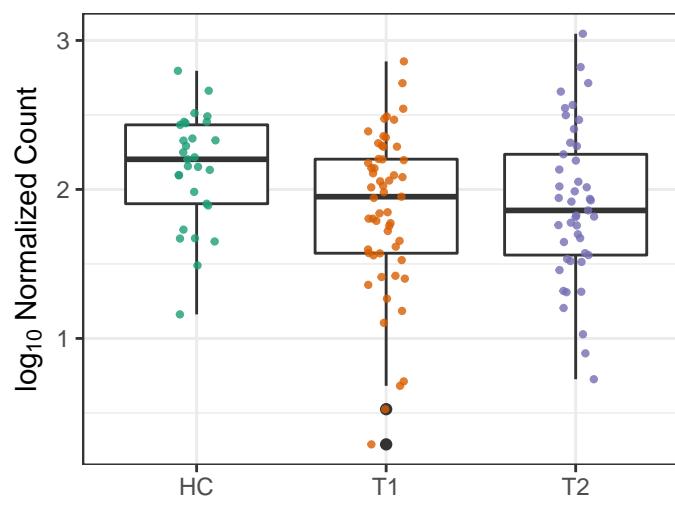
### Unclassified Chromatiales Order

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.78



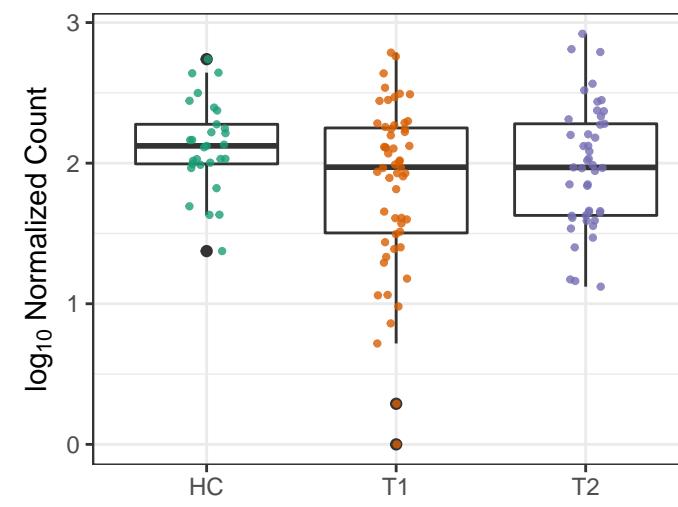
### Actinopolyspora

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.86



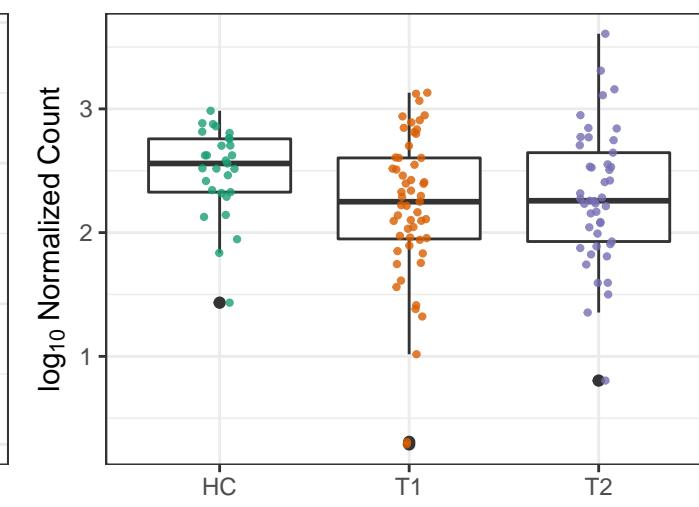
### Blastomonas

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.78



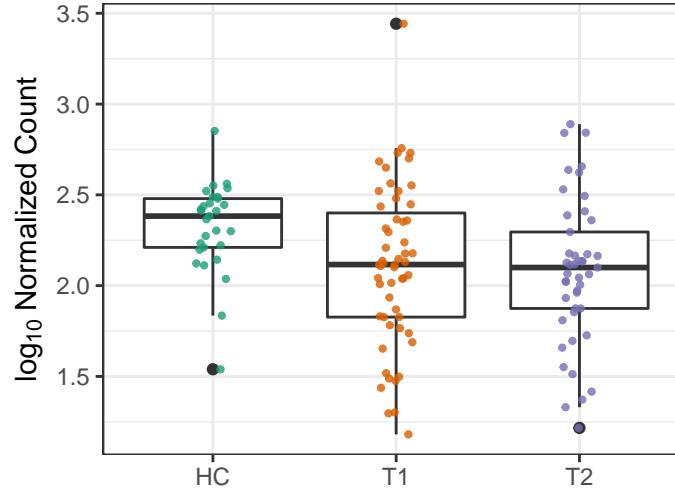
### Baekduia

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.092  
T1 vs. T2 p = 0.78



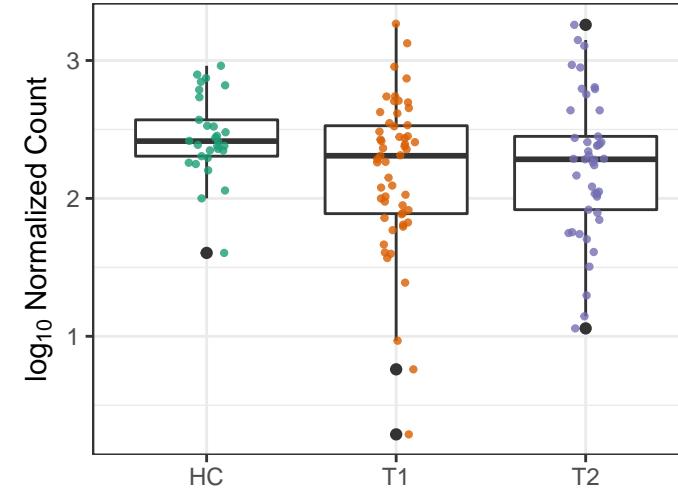
### Eikenella

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.92



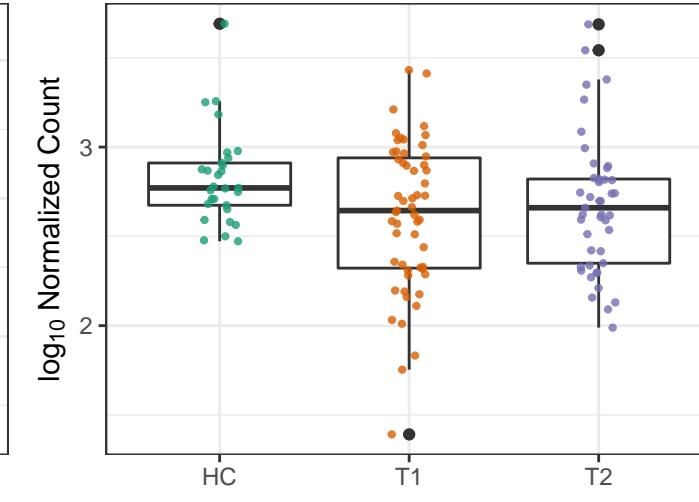
### Friedmanniella

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.055  
T1 vs. T2 p = 0.78



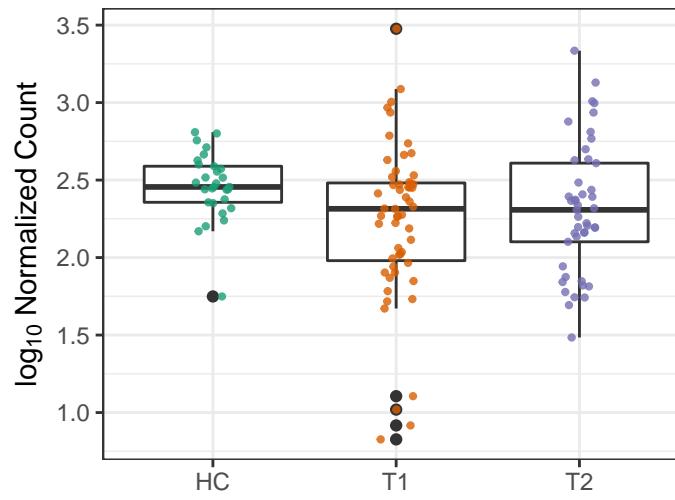
### Dehalococcoides

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.071  
T1 vs. T2 p = 0.78



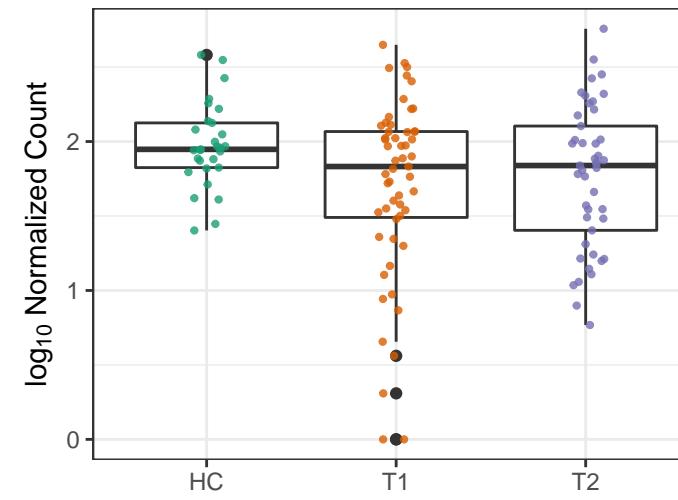
### Nitrospirillum

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.085  
T1 vs. T2 p = 0.78



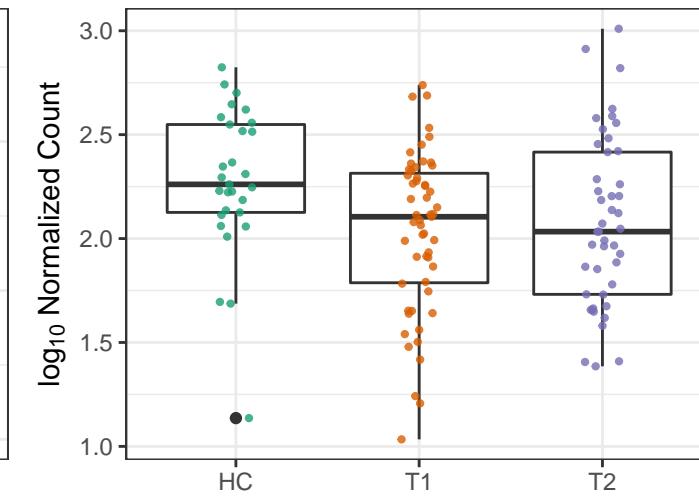
### Citricoccus

HC vs. T1 p = 0.016  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.78



### Pochonia

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.06  
T1 vs. T2 p = 0.89

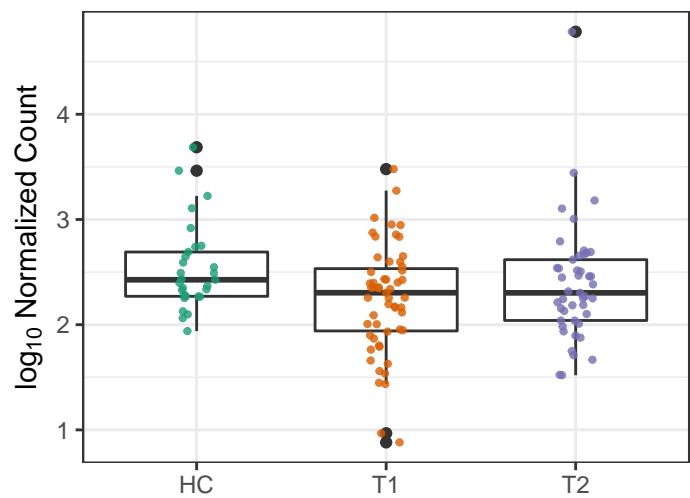


### *Pseudopropionibacterium*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.22

T1 vs. T2 p = 0.78

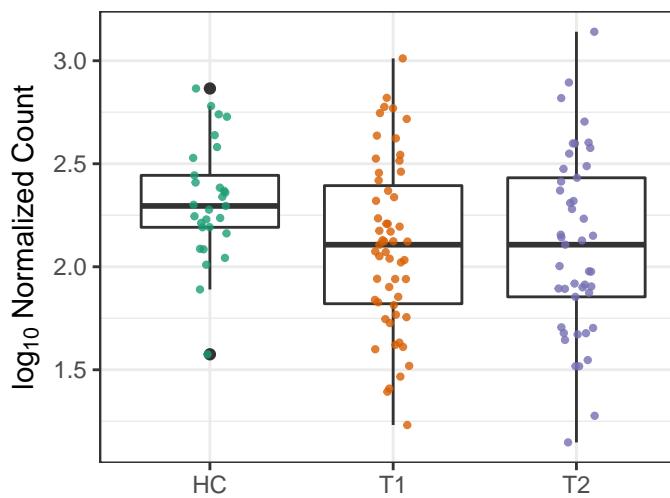


### *Chloroflexus*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.97

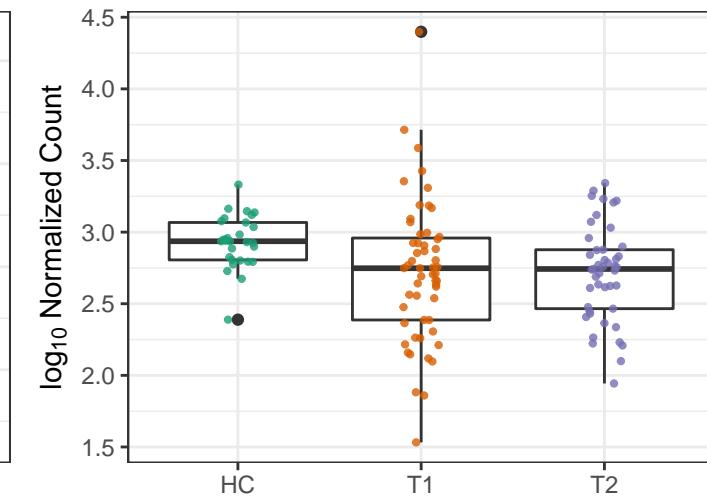


### *Comamonas*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.0074

T1 vs. T2 p = 0.94

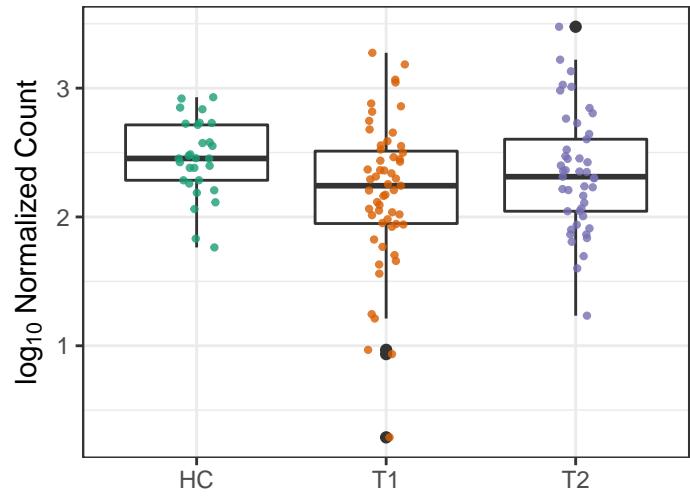


### *Janibacter*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.26

T1 vs. T2 p = 0.78

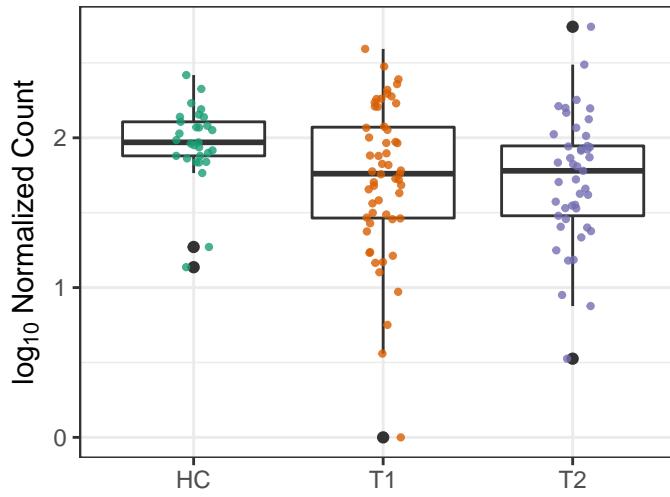


### *Methanococcoides*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.96

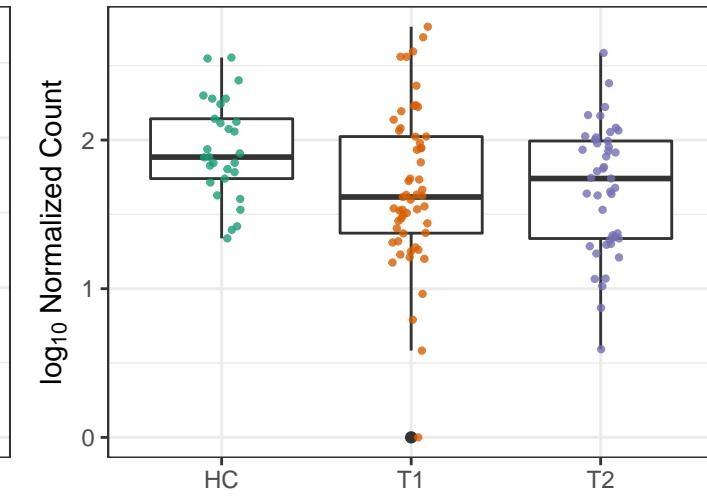


### *Pyrobaculum*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.016

T1 vs. T2 p = 1

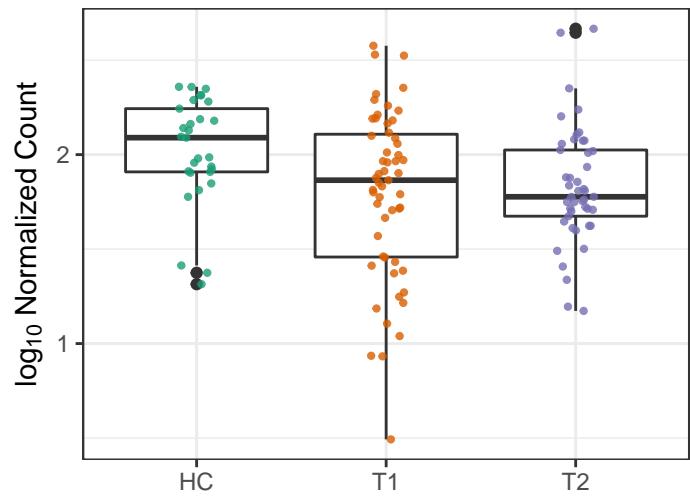


### *Caballeronia*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.92

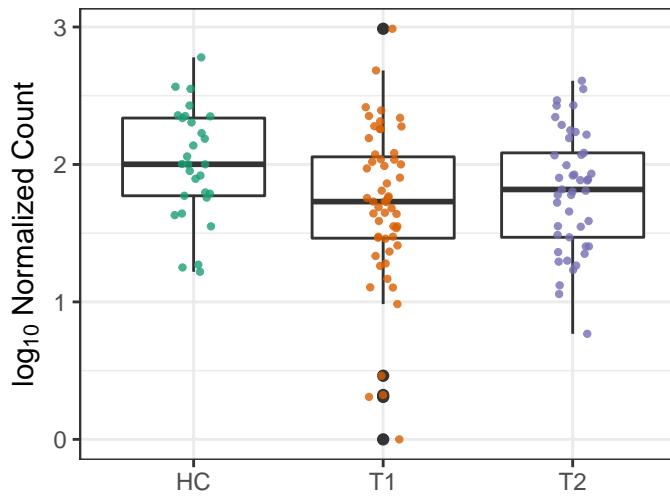


### *Pulveribacter*

HC vs. T1 p = 0.017

HC vs. T2 p = 0.077

T1 vs. T2 p = 0.78

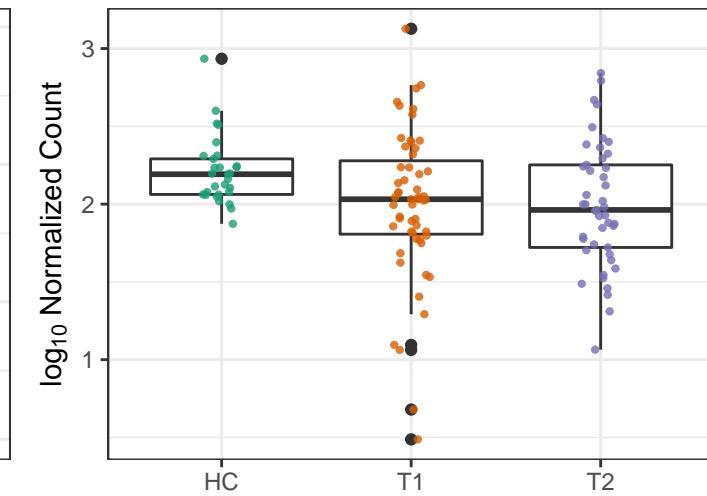


### *Micavibrio*

HC vs. T1 p = 0.017

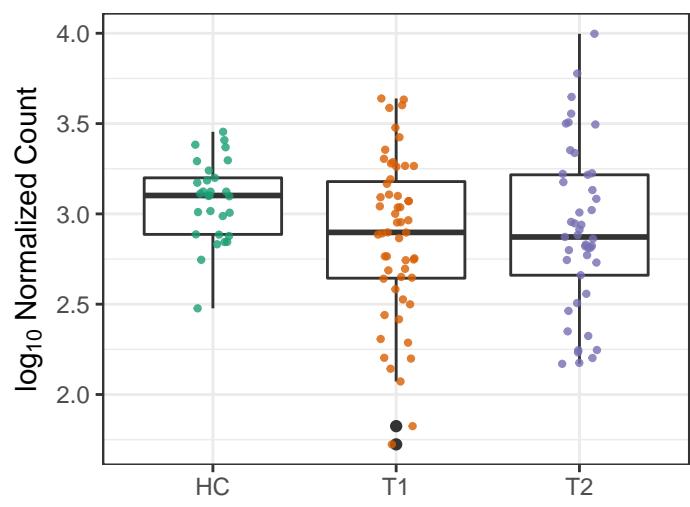
HC vs. T2 p = 0.016

T1 vs. T2 p = 0.8



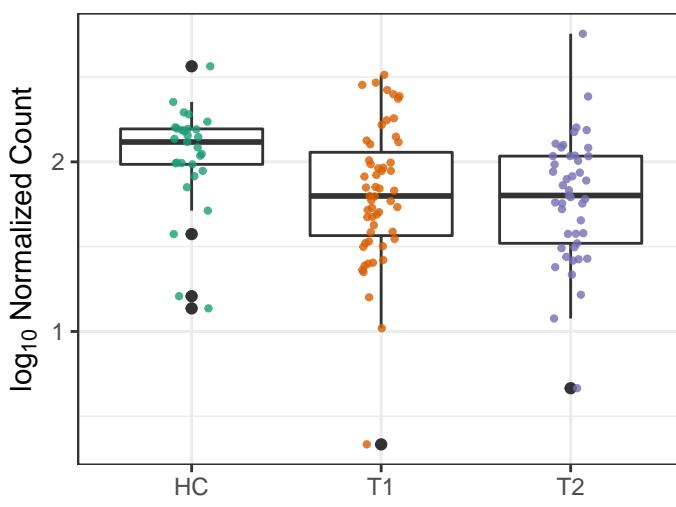
### Sorangium

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.067  
T1 vs. T2 p = 0.79



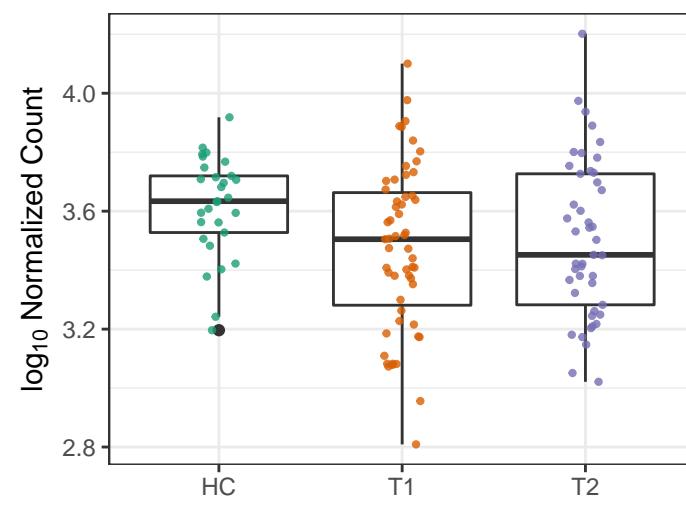
### Natranaerobius

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.83



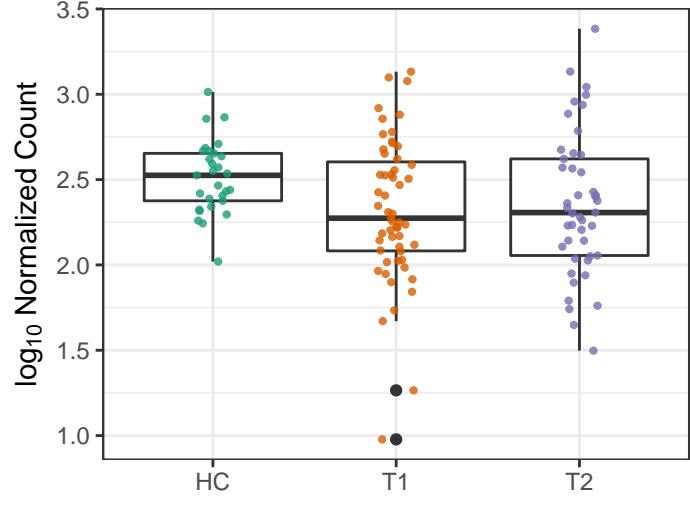
### Vibrio

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.83



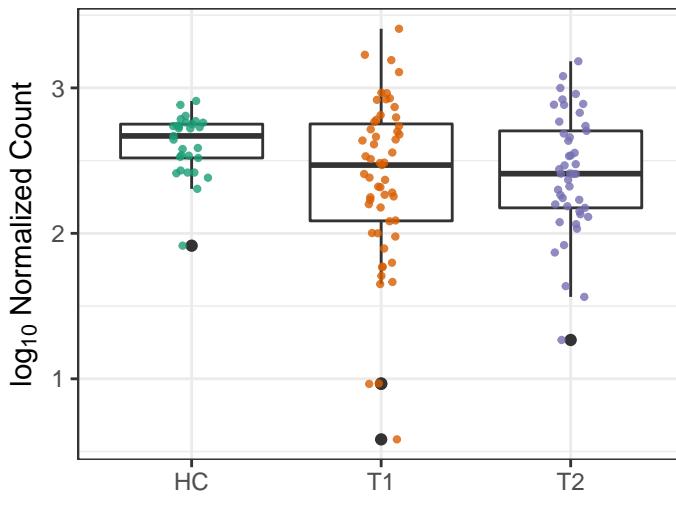
### Azotobacter

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.062  
T1 vs. T2 p = 0.8



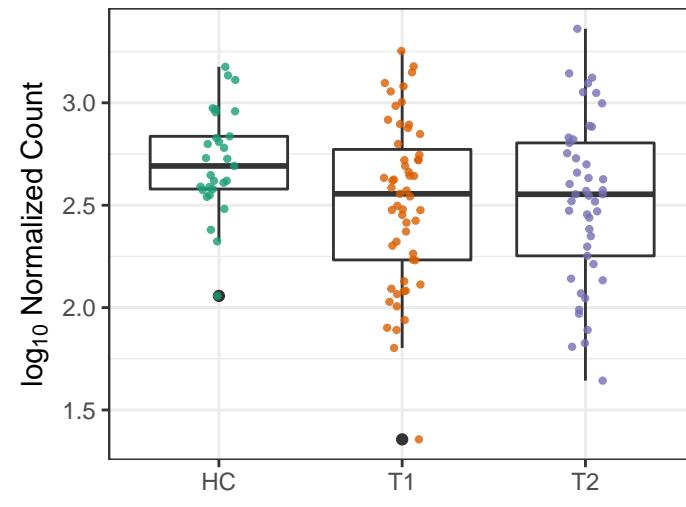
### Delftia

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.83



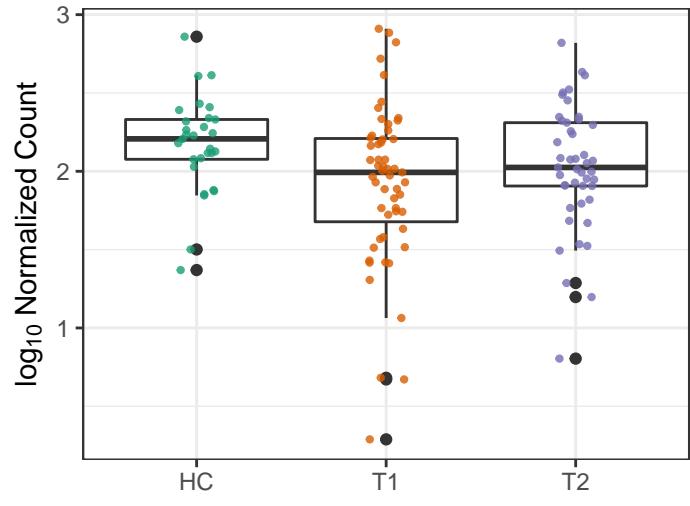
### Desulfuromonas

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.034  
T1 vs. T2 p = 0.88



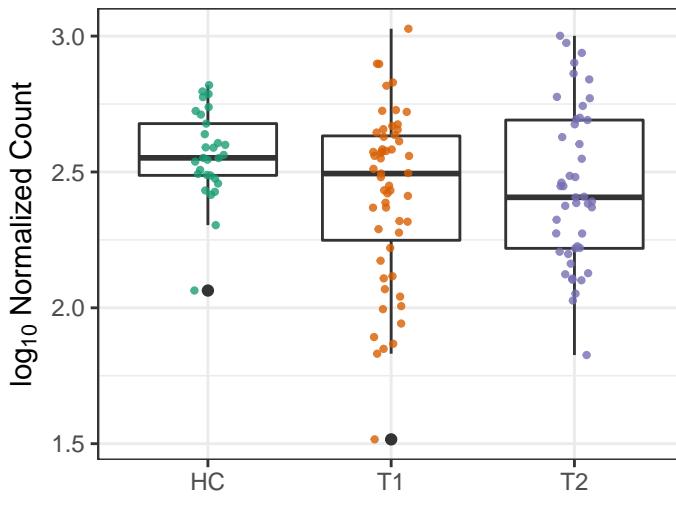
### Geitlerinema

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.78



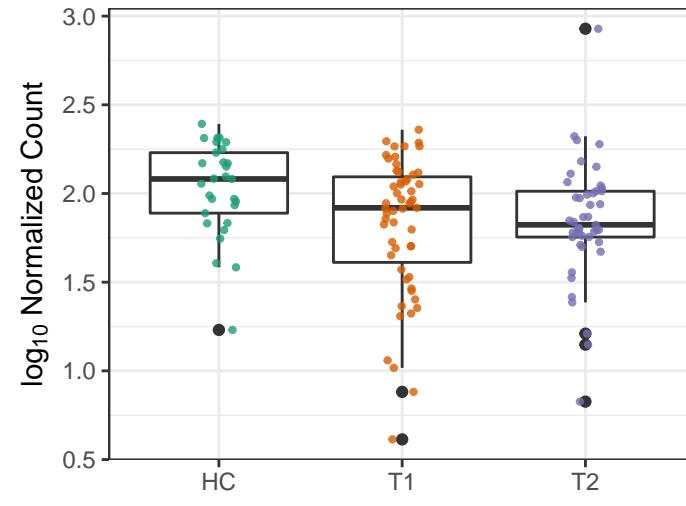
### Leptolyngbya

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.78



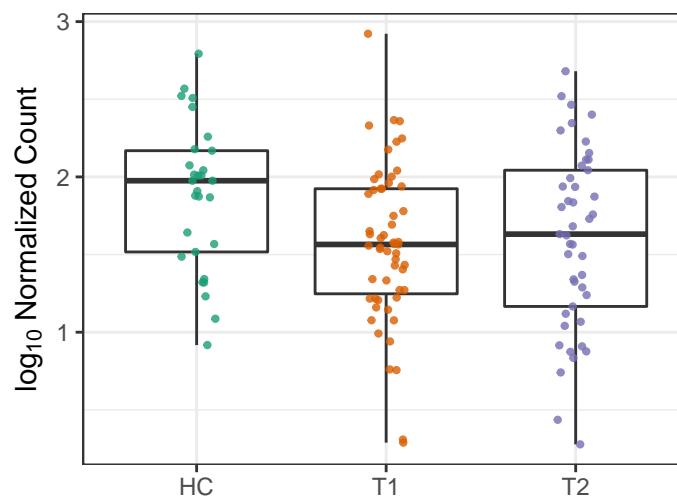
### Marinobacterium

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.91



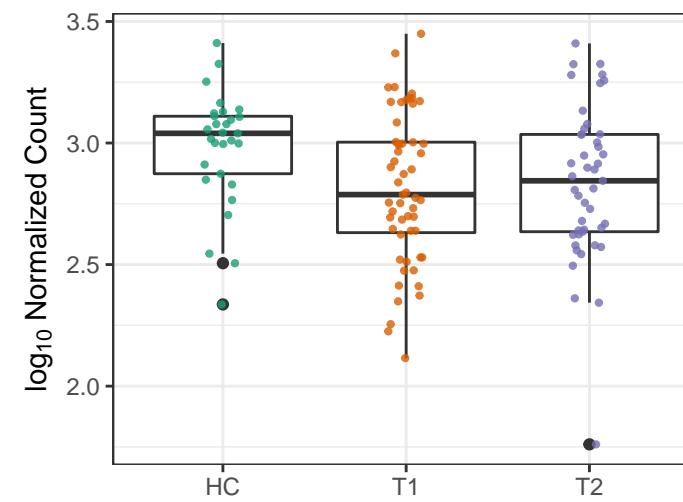
### Salinigranum

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.05  
T1 vs. T2 p = 0.81



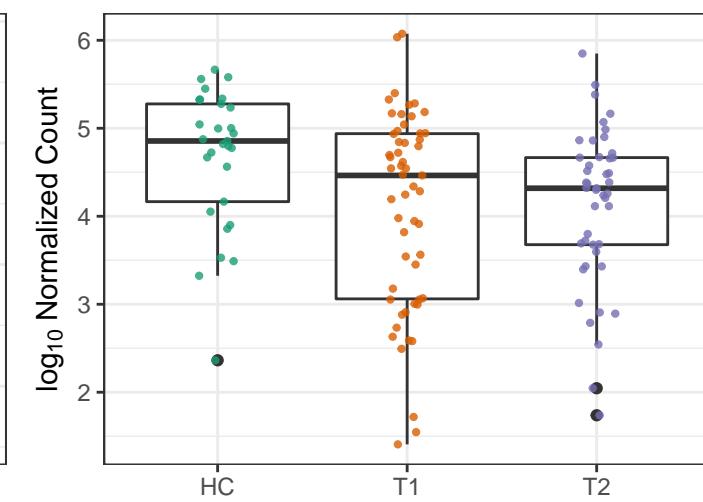
### Sporosarcina

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.89



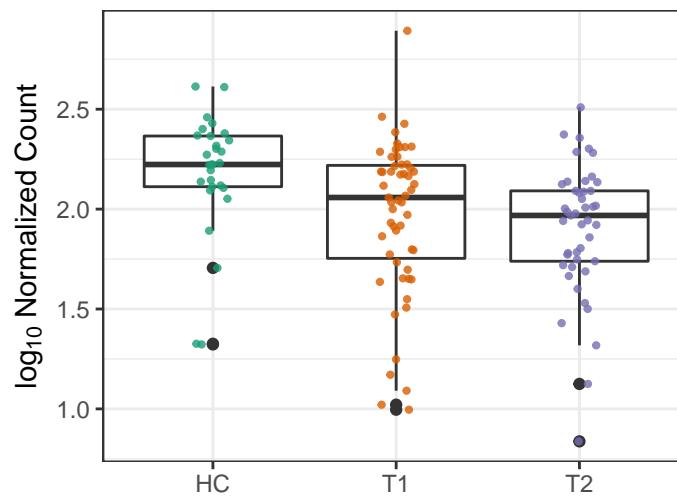
### Adlercreutzia

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.86



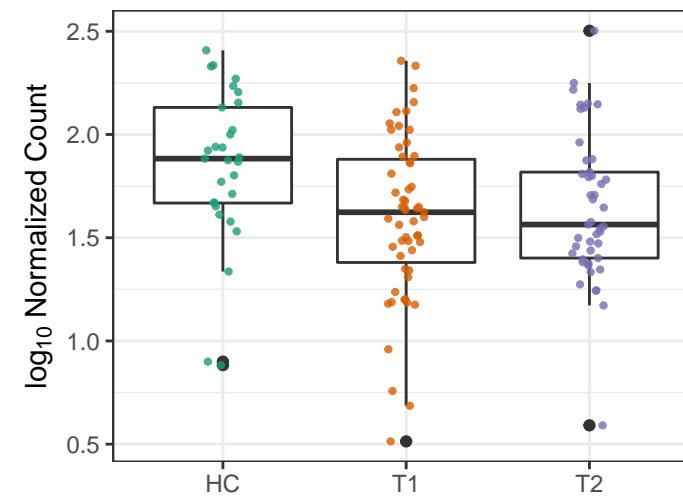
### Kangiella

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.0062  
T1 vs. T2 p = 0.79



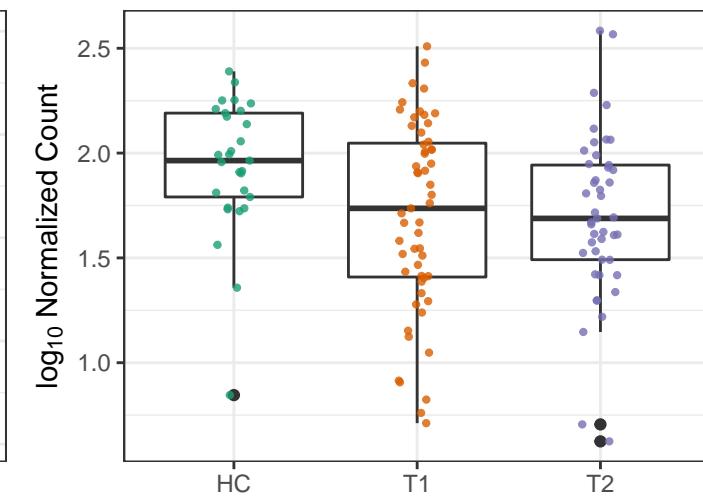
### Parachlamydia

HC vs. T1 p = 0.017  
HC vs. T2 p = 0.051  
T1 vs. T2 p = 0.88



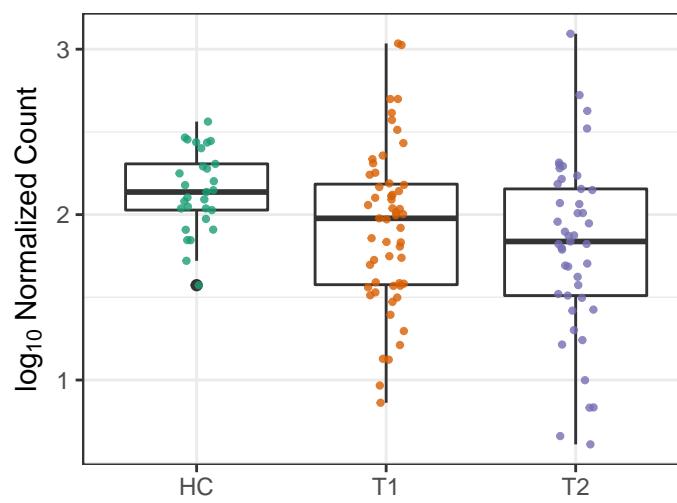
### Ustilago

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.79



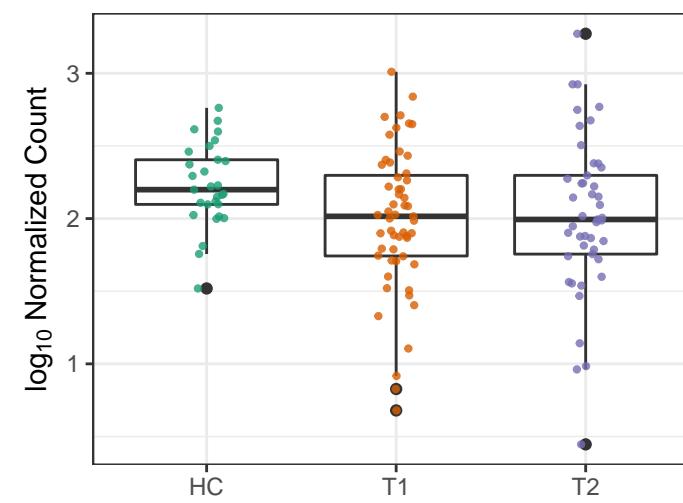
### Unclassified Oxalobacteraceae Family

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.0066  
T1 vs. T2 p = 0.78



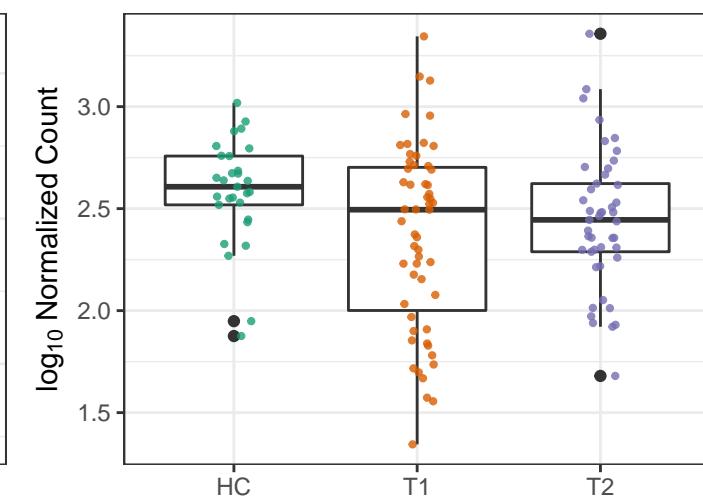
### Unclassified Gemmataceae Family

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.81



### Cyanobium

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.78

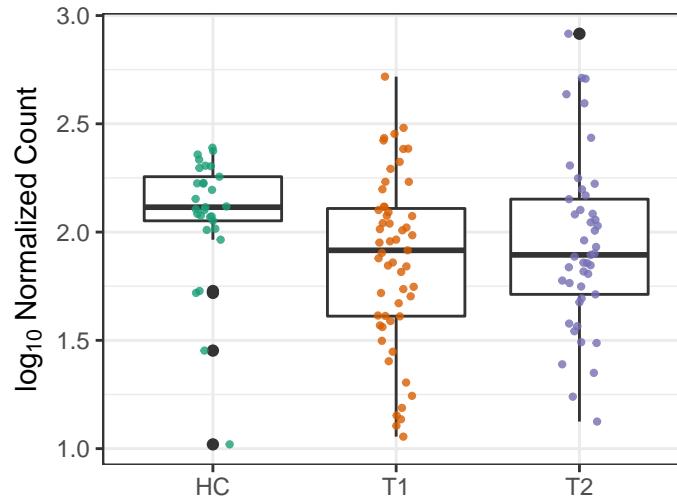


### Carboxydotothermus

HC vs. T1 p = 0.018

HC vs. T2 p = 0.13

T1 vs. T2 p = 0.78

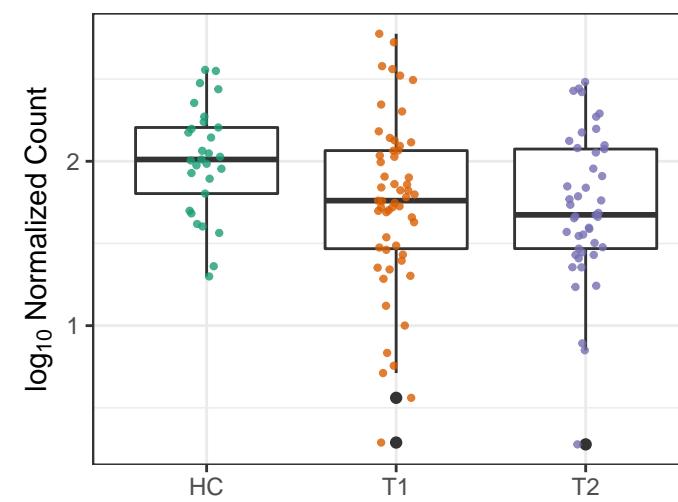


### Lichenihabitans

HC vs. T1 p = 0.018

HC vs. T2 p = 0.014

T1 vs. T2 p = 0.97

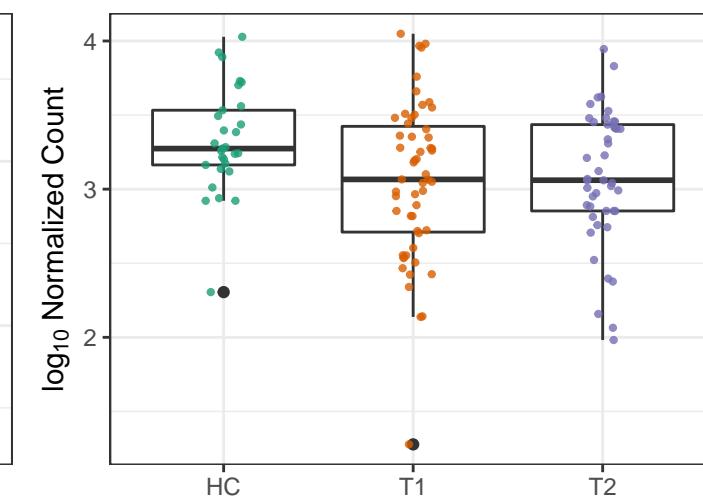


### Slackia

HC vs. T1 p = 0.018

HC vs. T2 p = 0.031

T1 vs. T2 p = 0.86

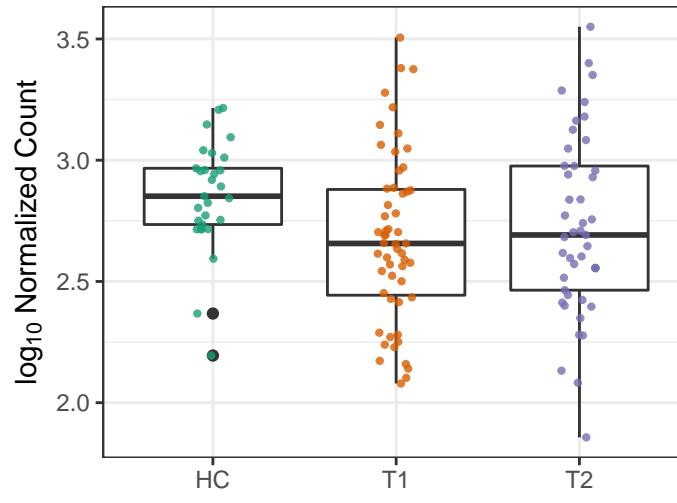


### Thermococcus

HC vs. T1 p = 0.018

HC vs. T2 p = 0.11

T1 vs. T2 p = 0.78

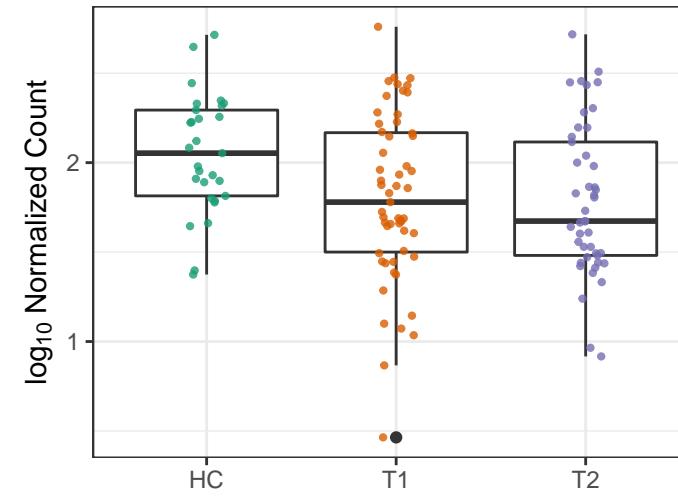


### Candidatus Thioglobus

HC vs. T1 p = 0.018

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.93

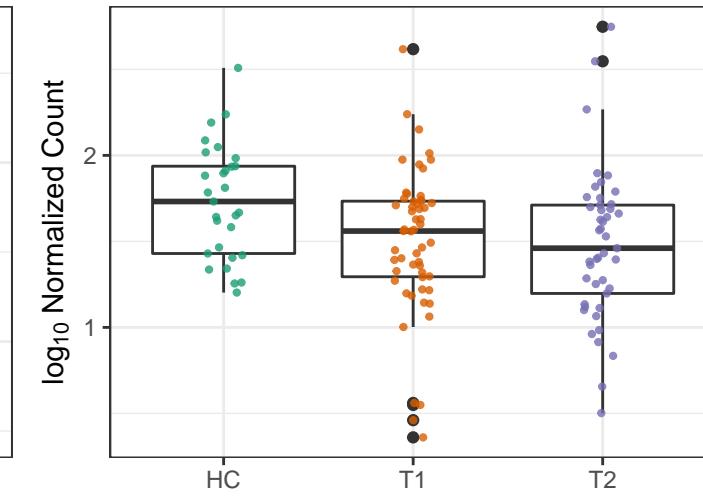


### Elusimicrobium

HC vs. T1 p = 0.018

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.98

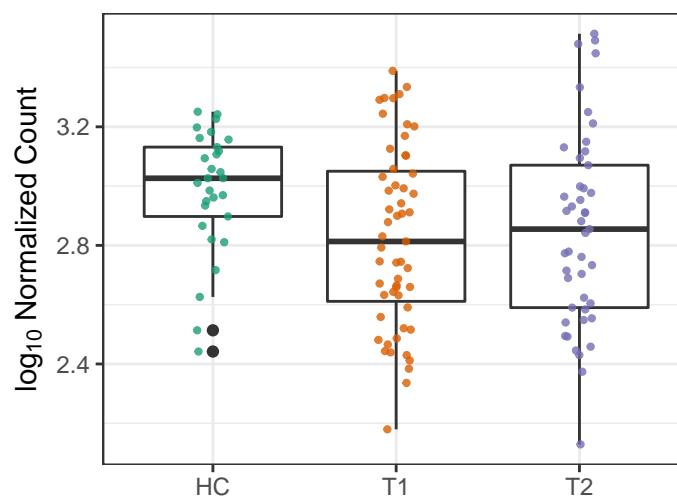


### Helicobacter

HC vs. T1 p = 0.018

HC vs. T2 p = 0.07

T1 vs. T2 p = 0.92

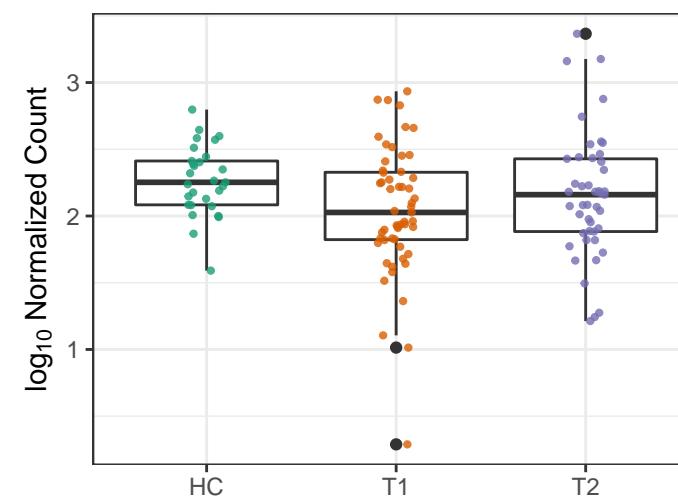


### Frondihabitans

HC vs. T1 p = 0.018

HC vs. T2 p = 0.22

T1 vs. T2 p = 0.78

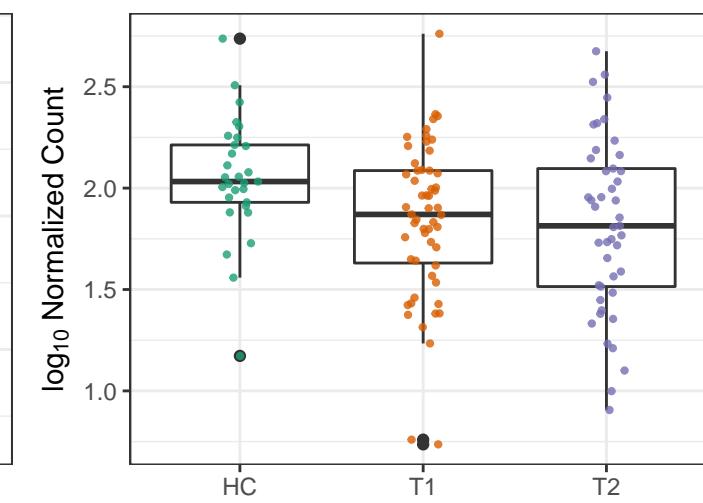


### Unclassified Alteromonadales Order

HC vs. T1 p = 0.018

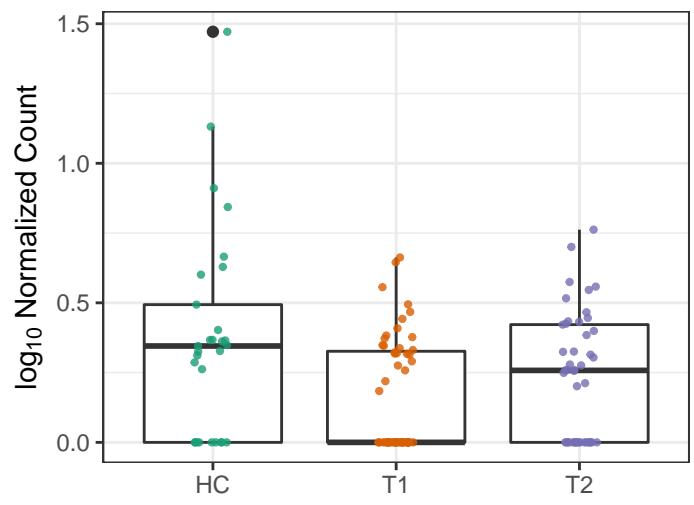
HC vs. T2 p = 0.024

T1 vs. T2 p = 0.92



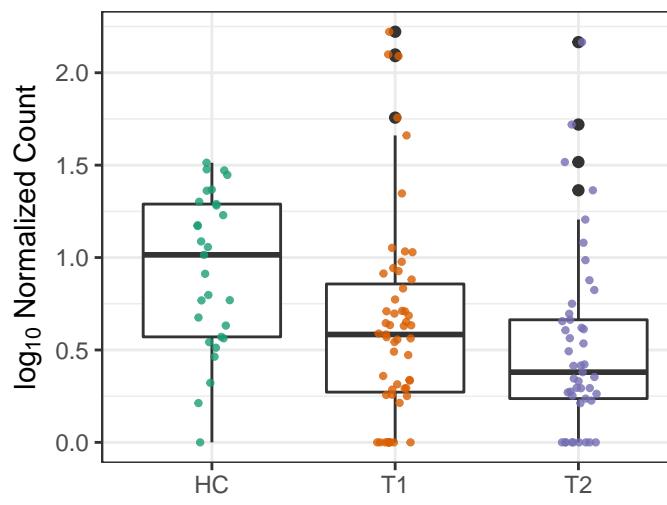
### Unclassified Sedimentisphaerales Orde

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.78



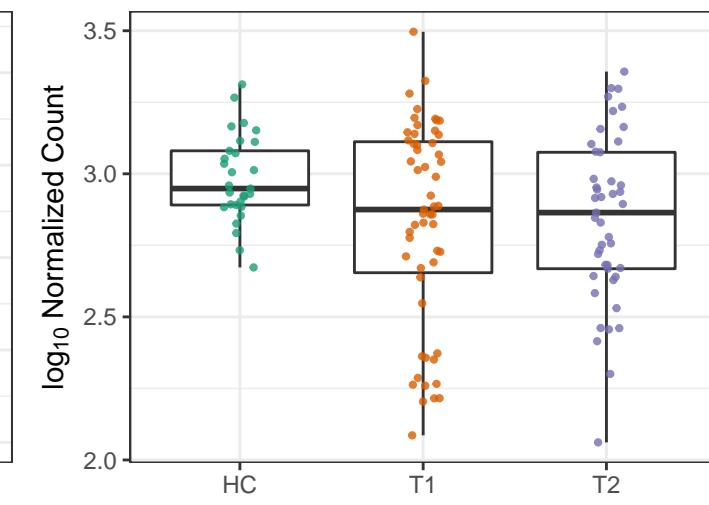
### Staphylothermus

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.78



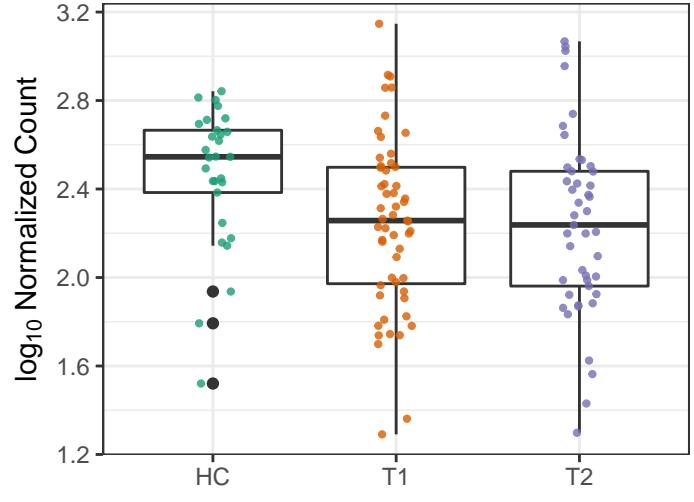
### Pontibacter

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.026  
T1 vs. T2 p = 0.92



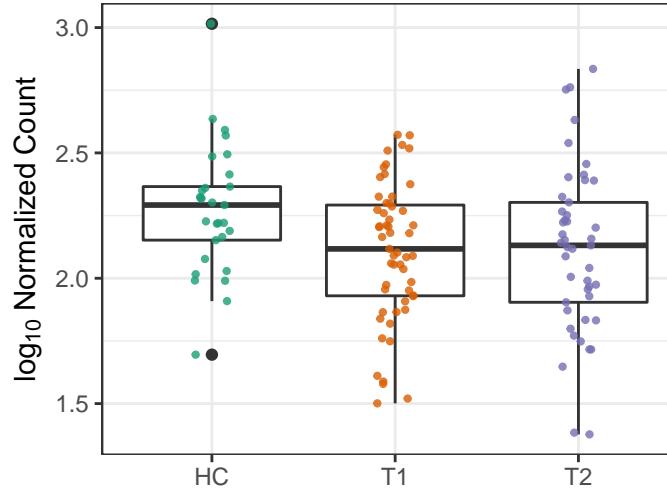
### Halocella

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.98



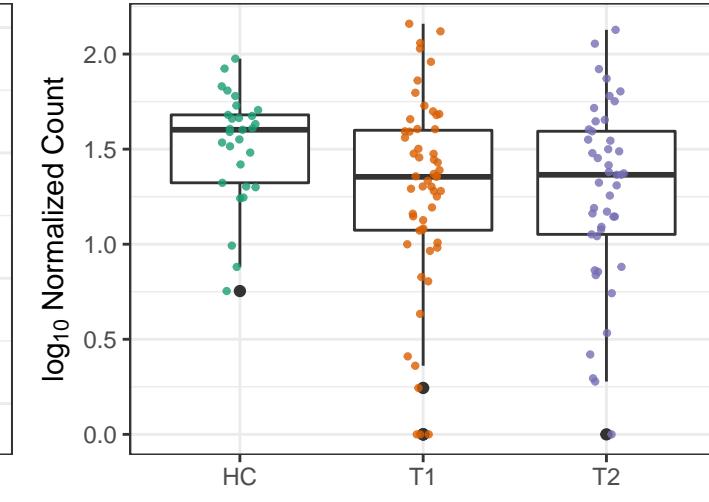
### Idiomarina

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.046  
T1 vs. T2 p = 0.89



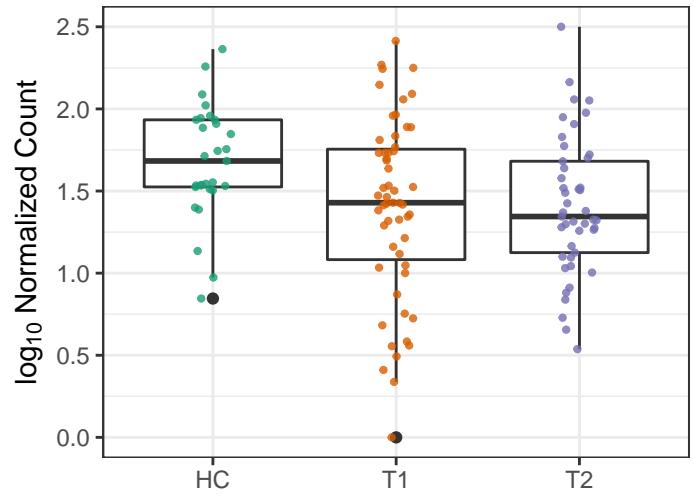
### Halodesulfurarchaeum

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 1



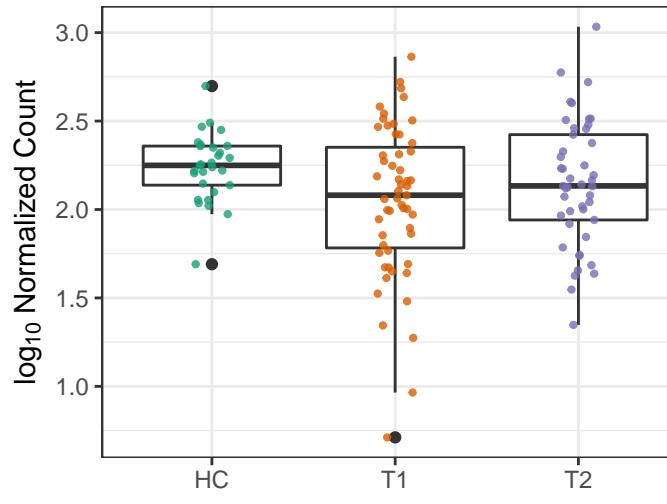
### Oceanicoccus

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.99



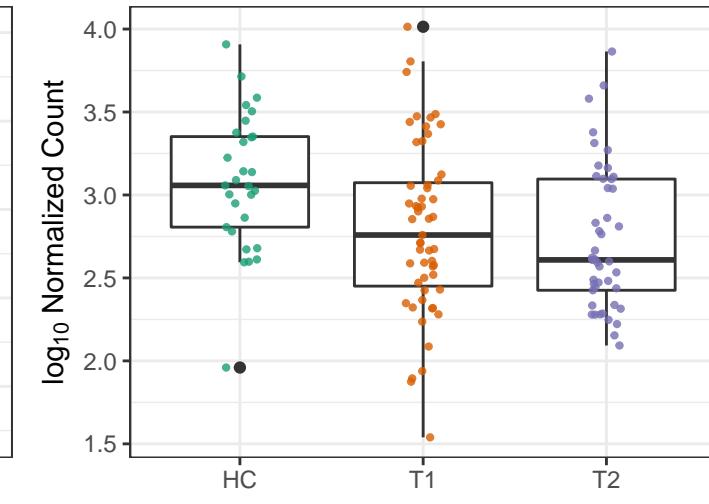
### Unclassified Kiritimatiellaeota Phylum

HC vs. T1 p = 0.018  
HC vs. T2 p = 0.2  
T1 vs. T2 p = 0.78



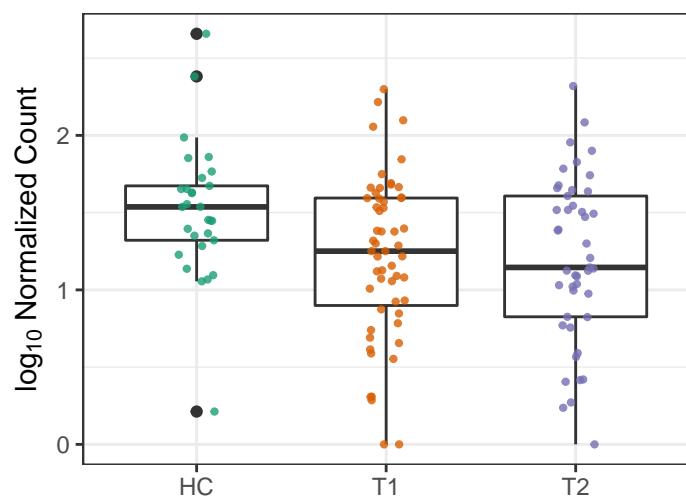
### Gemella

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.0089  
T1 vs. T2 p = 0.78



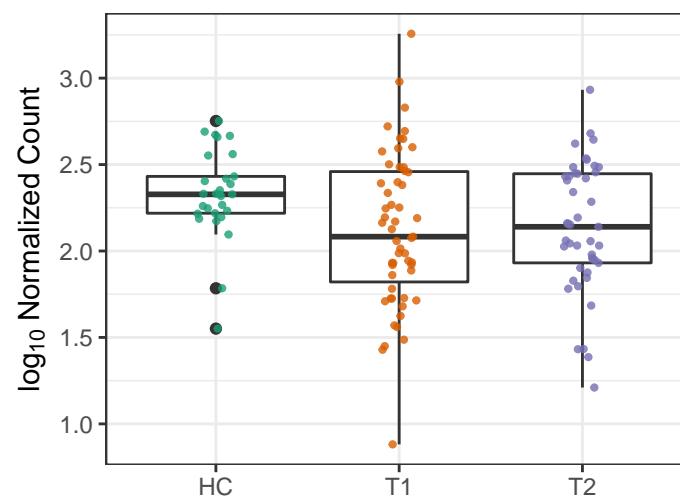
### Marivivens

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.92



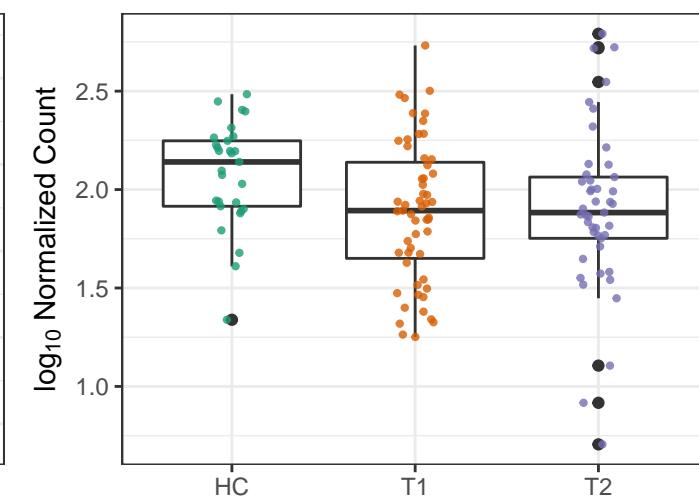
### Yangia

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.82



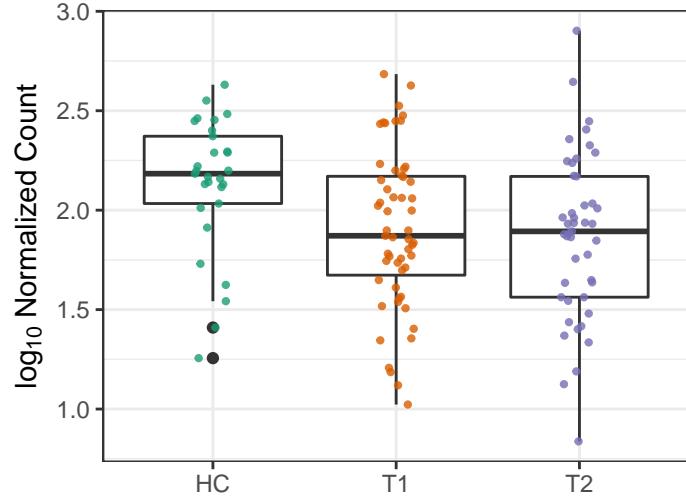
### Zymomonas

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.054  
T1 vs. T2 p = 0.95



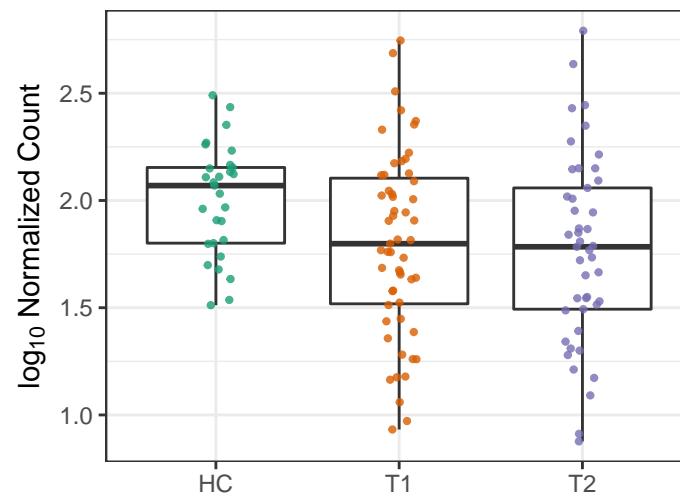
### Paraliobacillus

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.81



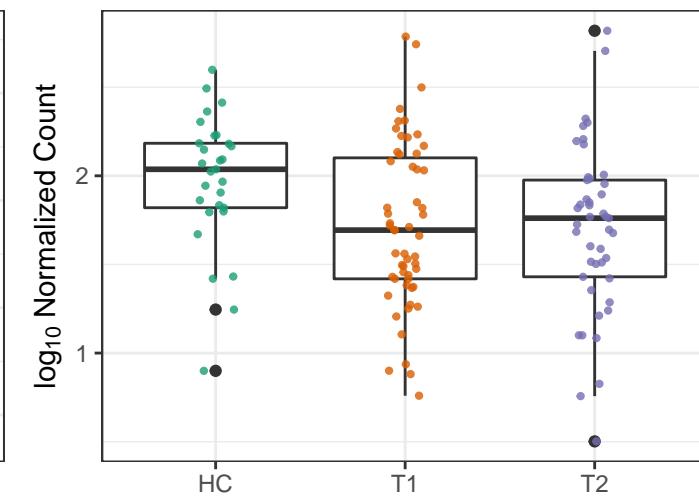
### Ahniella

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 1



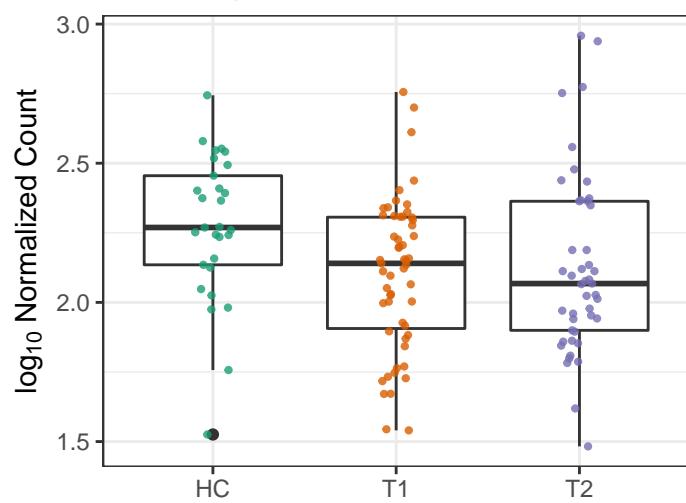
### Halarcobacter

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.92



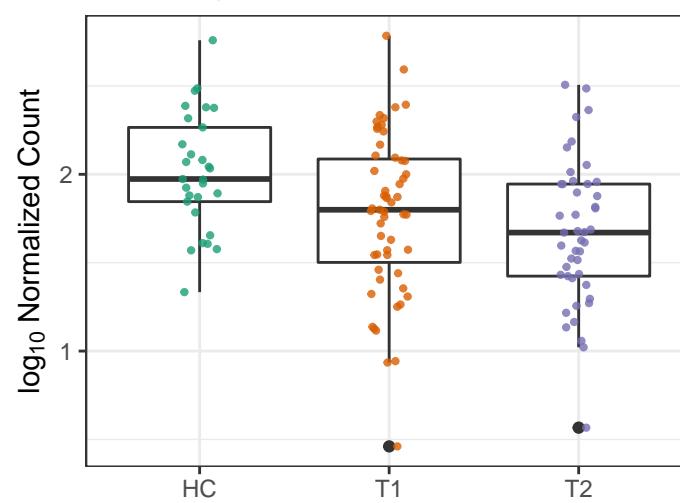
### Photorhabdus

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.067  
T1 vs. T2 p = 0.81



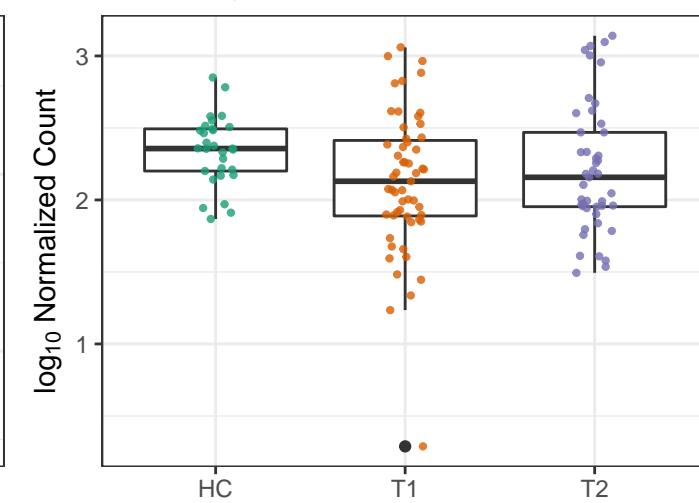
### Curvibacter

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.0044  
T1 vs. T2 p = 0.83



### Caldilinea

HC vs. T1 p = 0.019  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.78

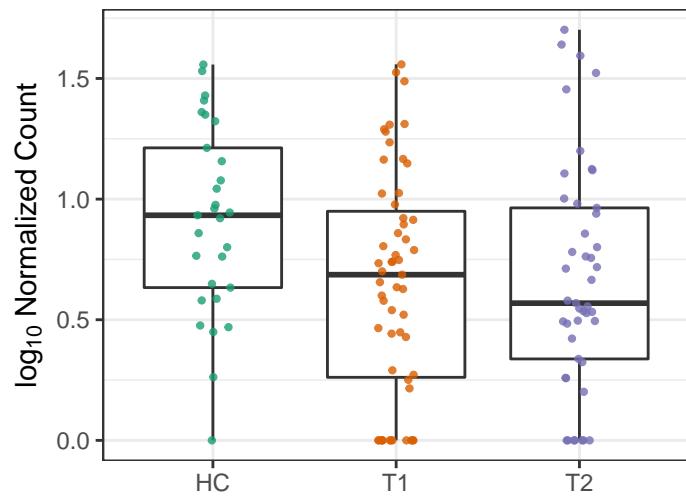


### Unclassified Isosphaeraceae Family

HC vs. T1 p = 0.019

HC vs. T2 p = 0.04

T1 vs. T2 p = 0.88

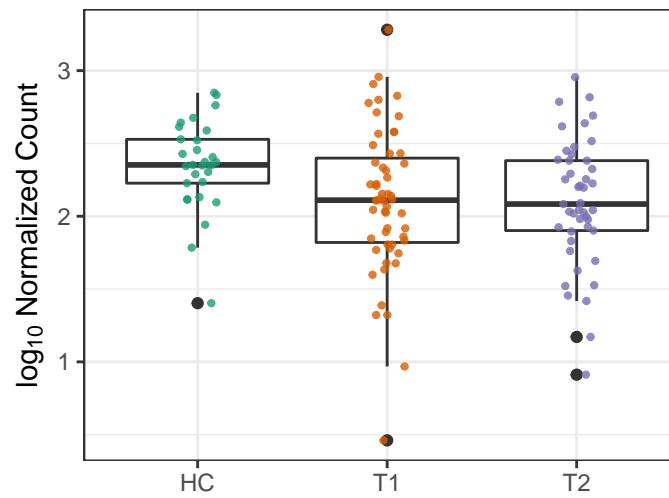


### Phycicoccus

HC vs. T1 p = 0.019

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.93

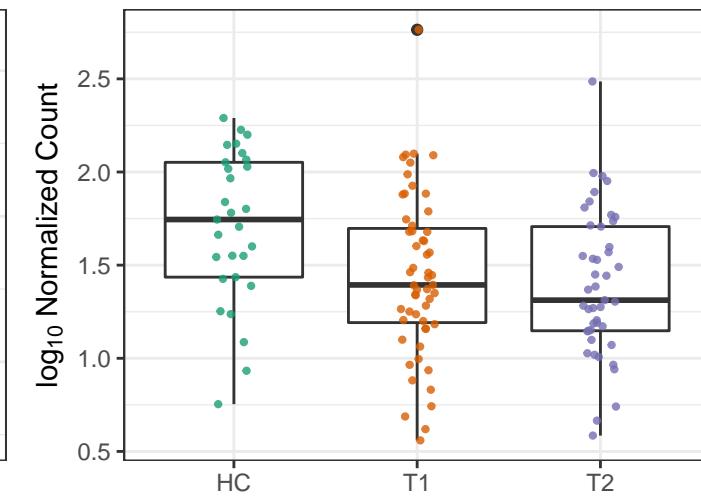


### Pichia

HC vs. T1 p = 0.019

HC vs. T2 p = 0.012

T1 vs. T2 p = 0.78

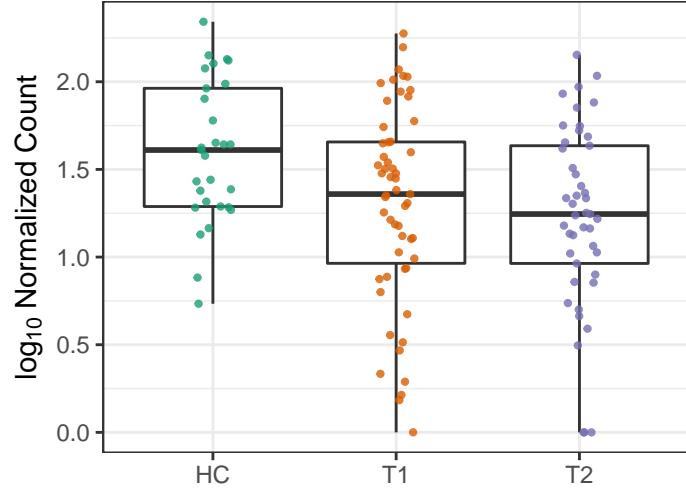


### Sulfurisphaera

HC vs. T1 p = 0.019

HC vs. T2 p = 0.01

T1 vs. T2 p = 0.78

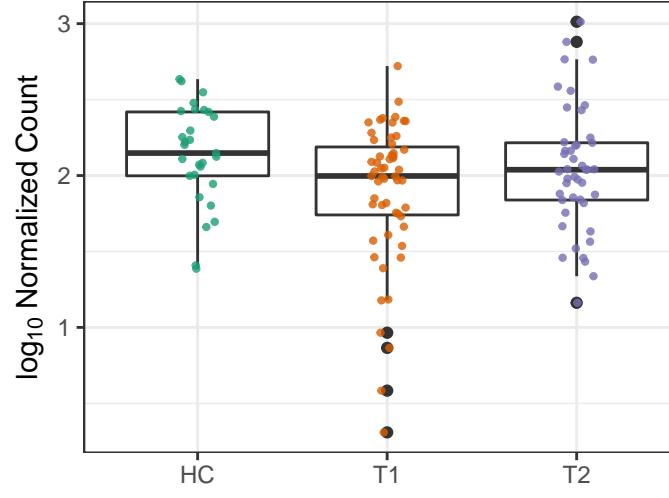


### Methanoculleus

HC vs. T1 p = 0.019

HC vs. T2 p = 0.31

T1 vs. T2 p = 0.78

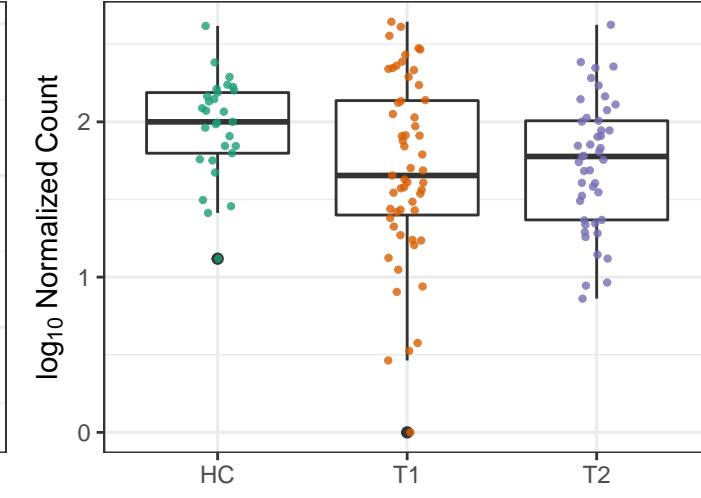


### Intrasporangium

HC vs. T1 p = 0.019

HC vs. T2 p = 0.025

T1 vs. T2 p = 0.89

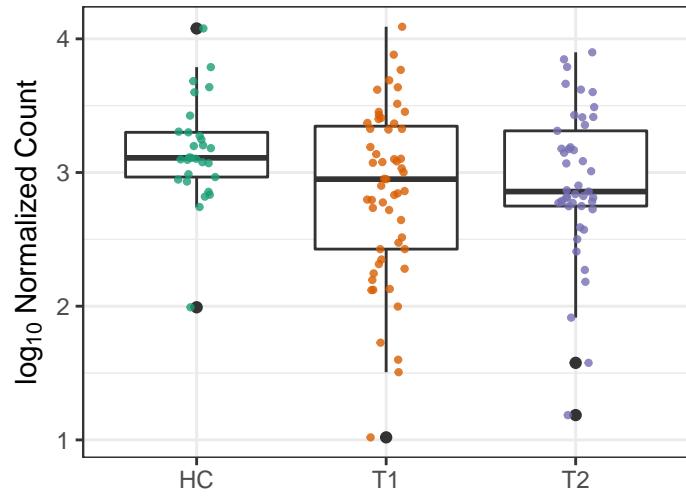


### Unclassified Coriobacteriaceae Family

HC vs. T1 p = 0.019

HC vs. T2 p = 0.067

T1 vs. T2 p = 0.79

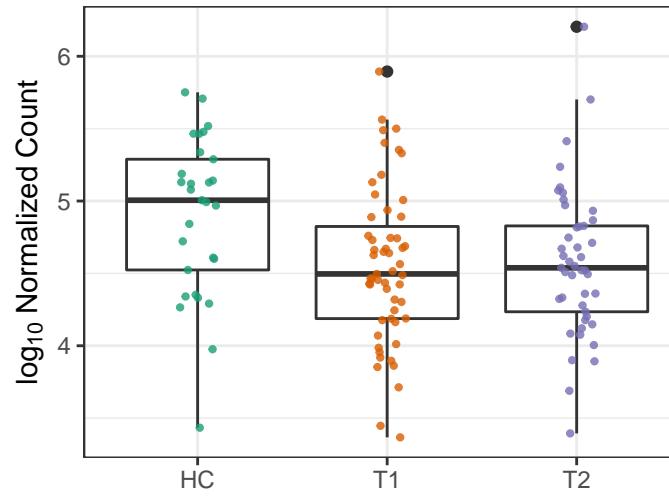


### Unclassified Erysipelotrichaceae Family

HC vs. T1 p = 0.019

HC vs. T2 p = 0.034

T1 vs. T2 p = 1

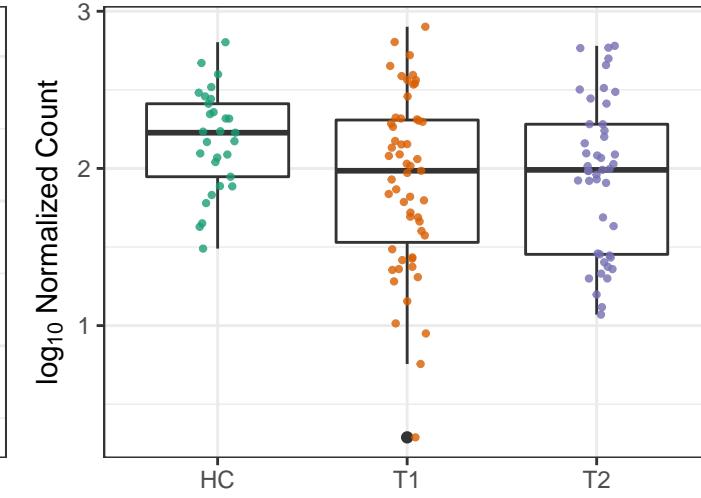


### Pimelobacter

HC vs. T1 p = 0.02

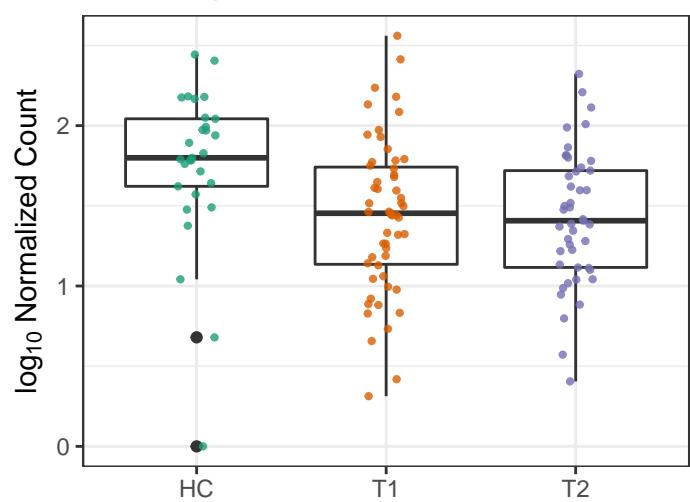
HC vs. T2 p = 0.04

T1 vs. T2 p = 0.89



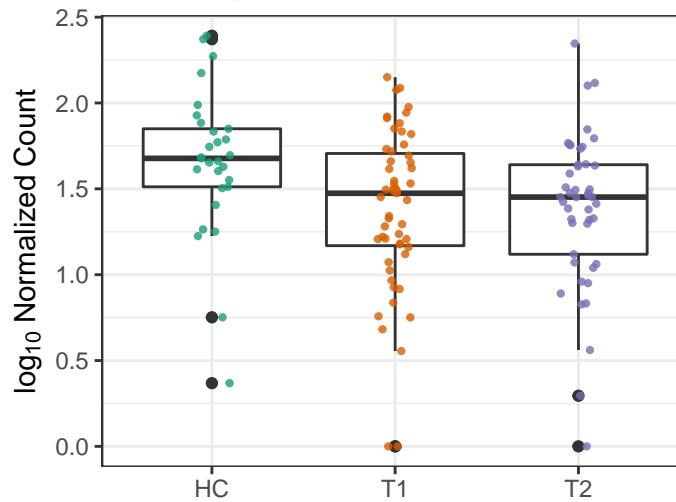
### Deferribacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.021  
T1 vs. T2 p = 0.98



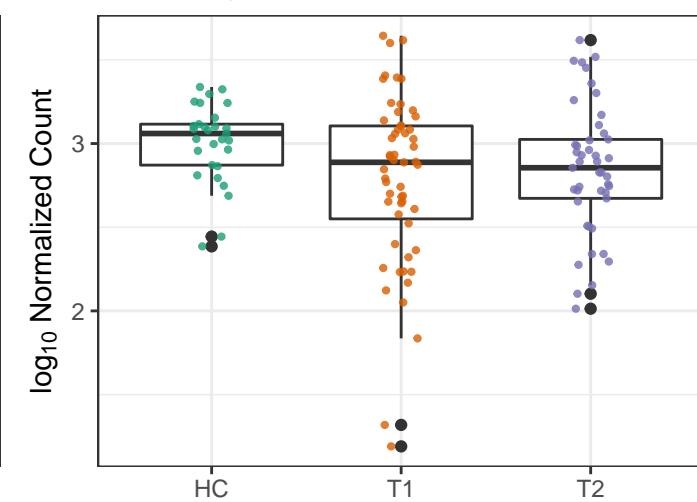
### Neptunomonas

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.96



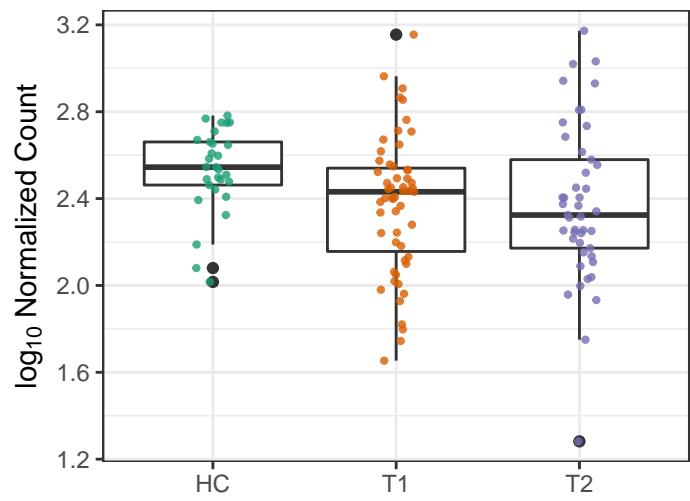
### Thermaerobacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.057  
T1 vs. T2 p = 0.78



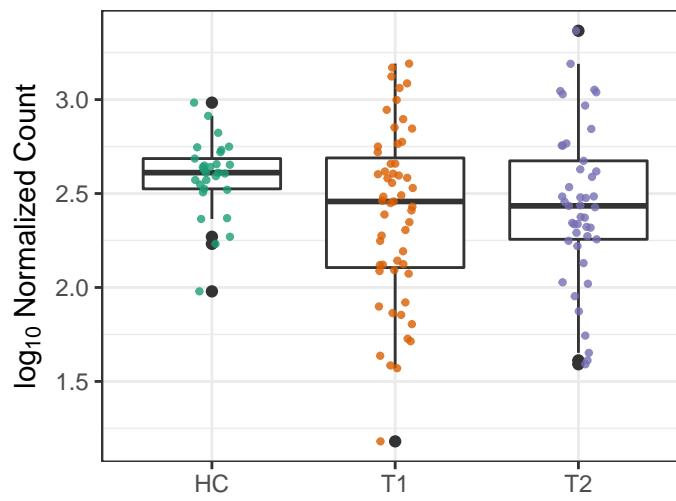
### Halobacillus

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.94



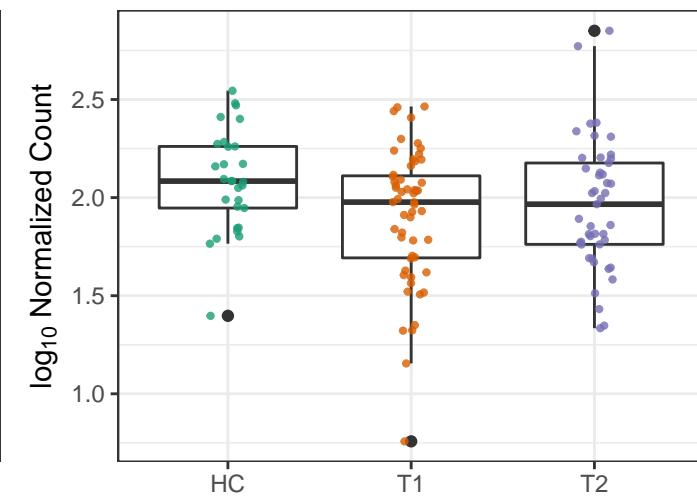
### Limnochorda

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.072  
T1 vs. T2 p = 0.78



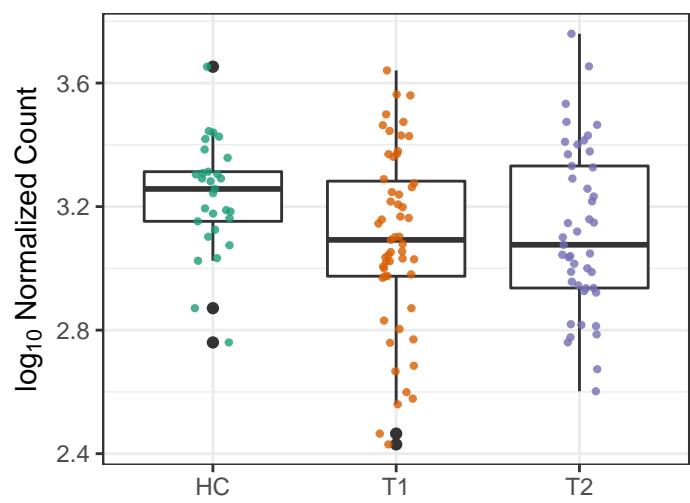
### Unclassified Corynebacteriaceae Family

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.78



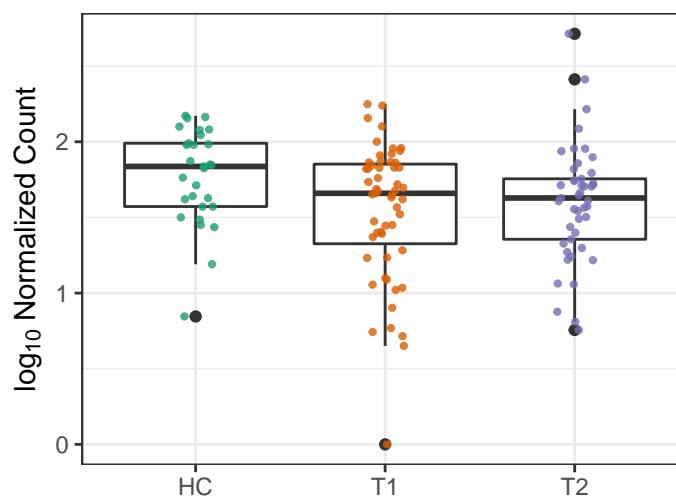
### Brevibacillus

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.065  
T1 vs. T2 p = 0.8



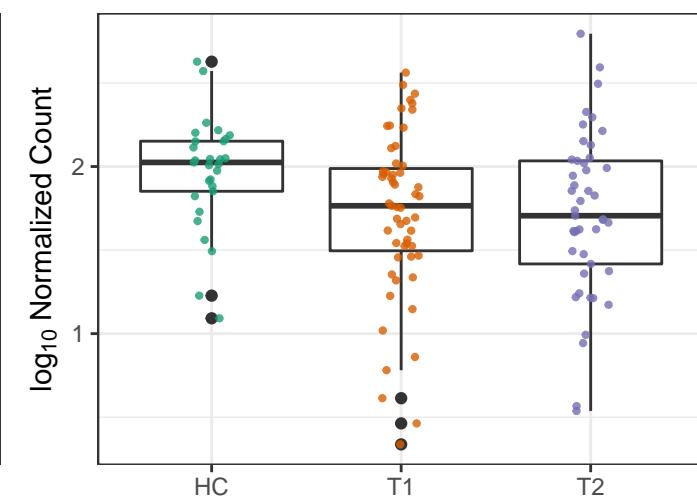
### Cylindrospermum

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.065  
T1 vs. T2 p = 0.79



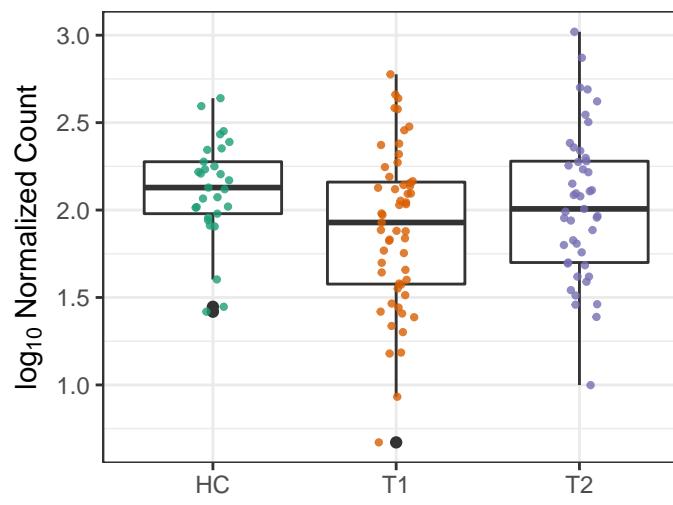
### Epidermidibacterium

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 0.91



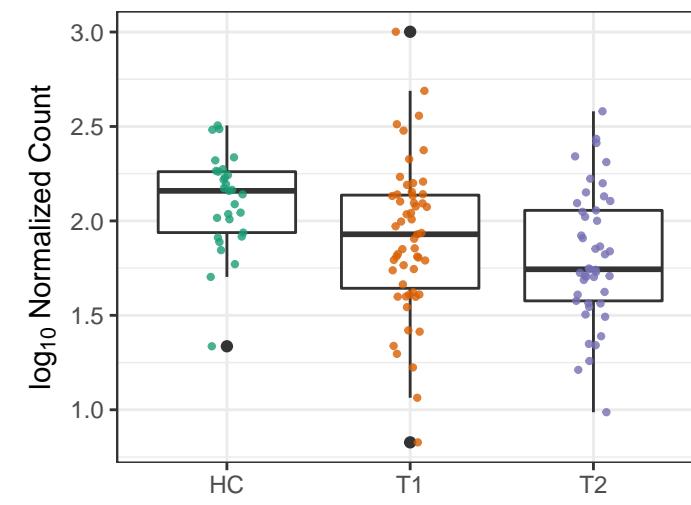
### Tardiphaga

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.35  
T1 vs. T2 p = 0.78



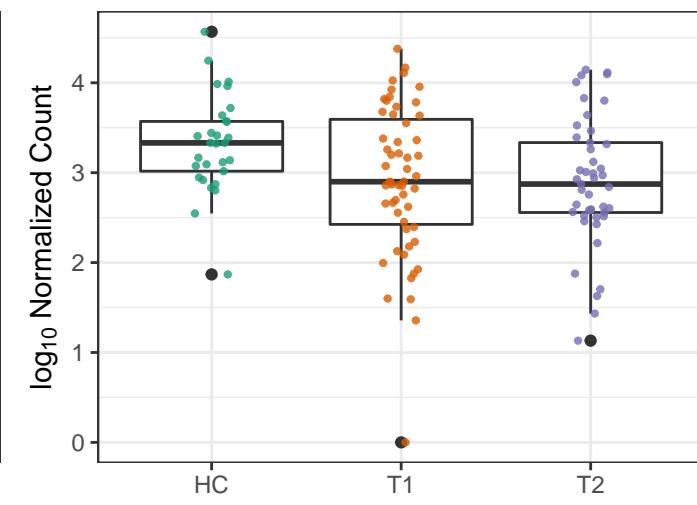
### Thalassotalea

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.0036  
T1 vs. T2 p = 0.78



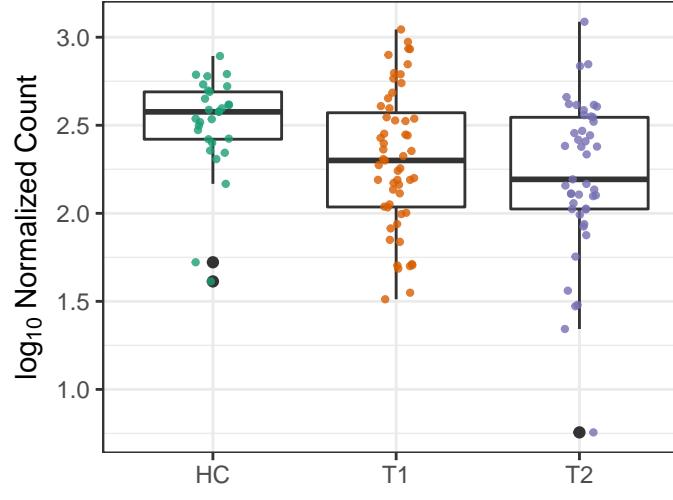
### Unclassified Coriobacteriales Order

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.85



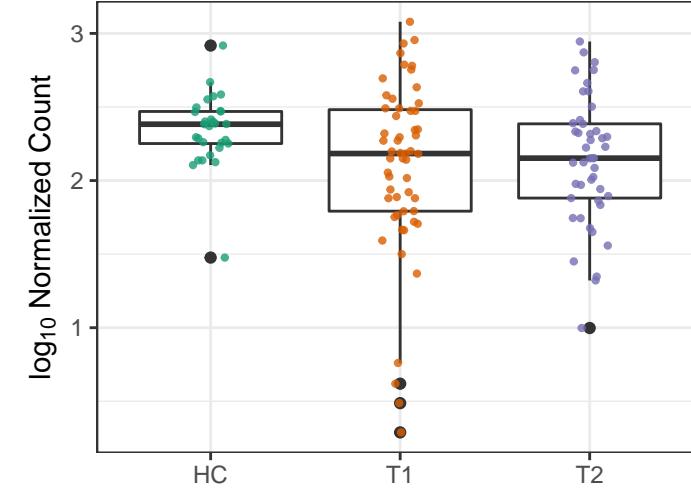
### Borrelia

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



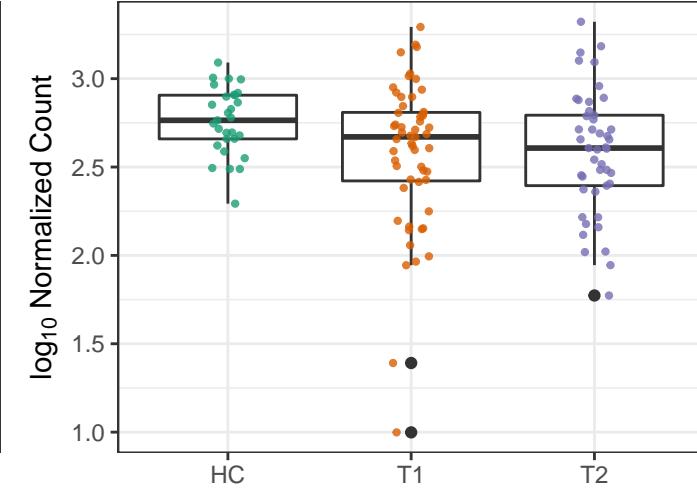
### Stackebrandtia

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



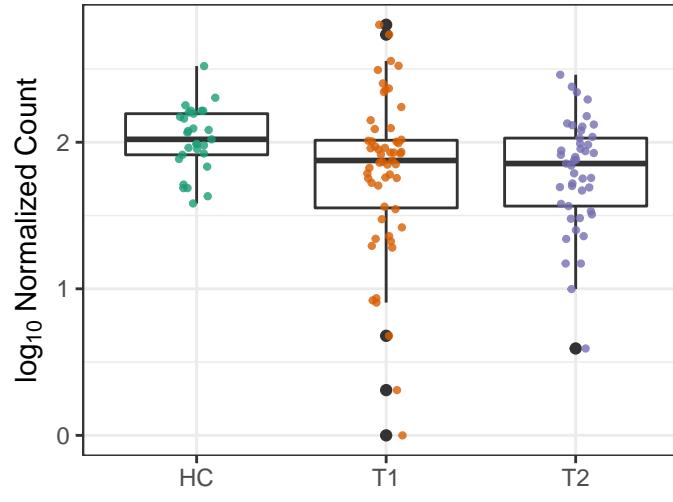
### Desulfomicrobium

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.88



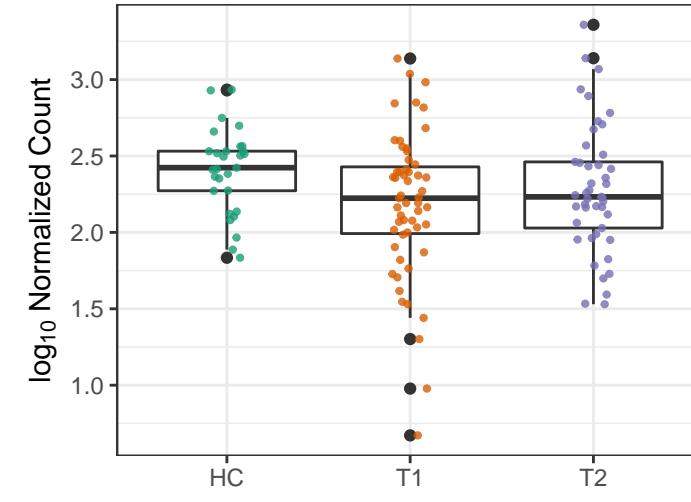
### Kineobactrum

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.01  
T1 vs. T2 p = 0.99



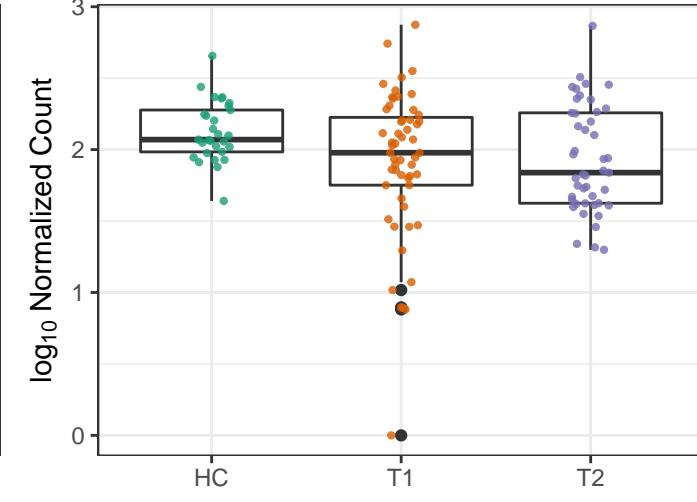
### Unclassified Pseudomonadaceae Fami

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.78



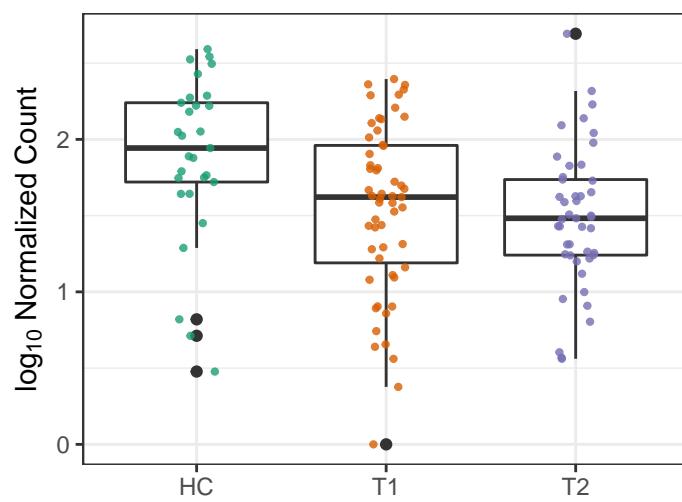
### Anaerolinea

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.021  
T1 vs. T2 p = 0.85



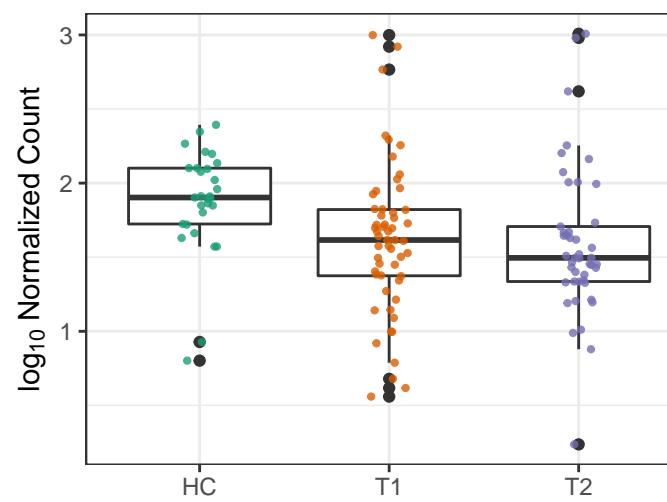
### Sphingosinithalassobacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.83



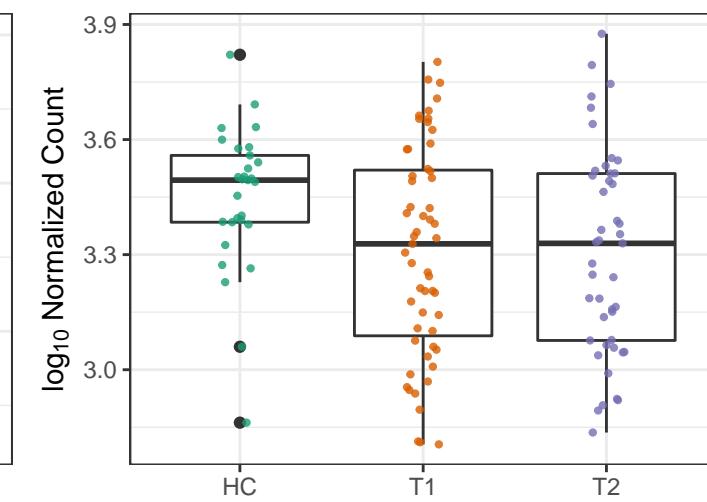
### Beggiatoa

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.96



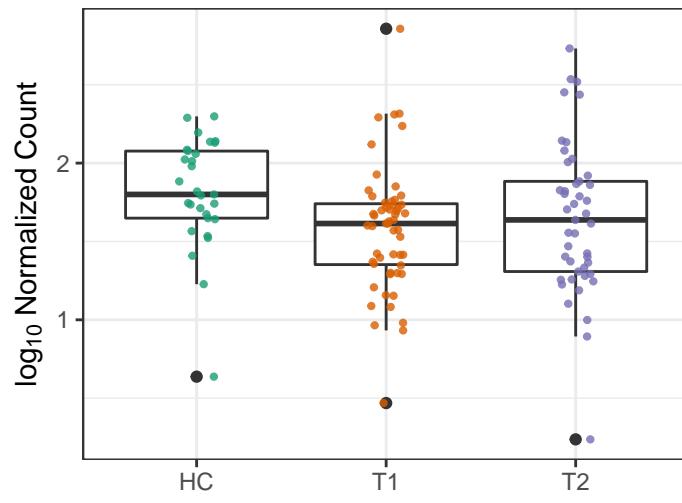
### Acinetobacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 1



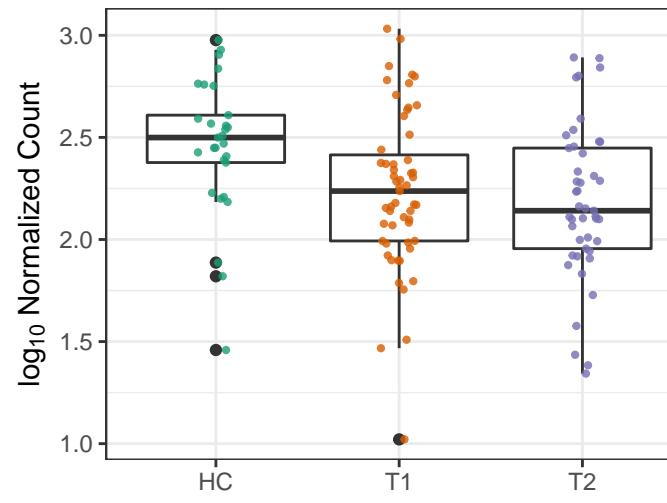
### Thiomicrospira

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.83



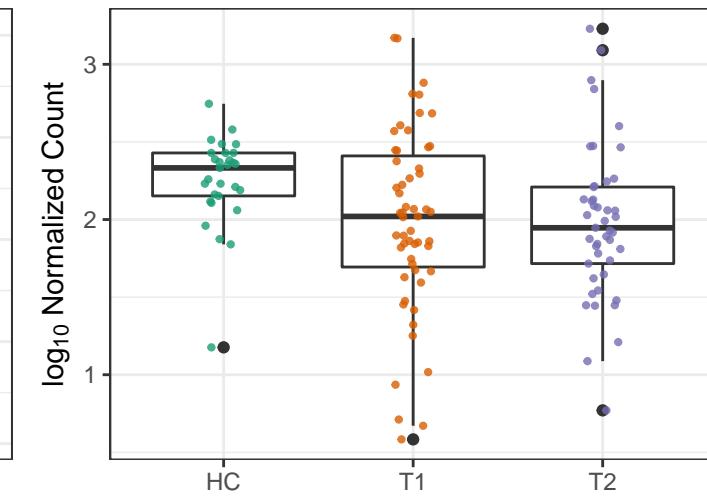
### Caloranaerobacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.81



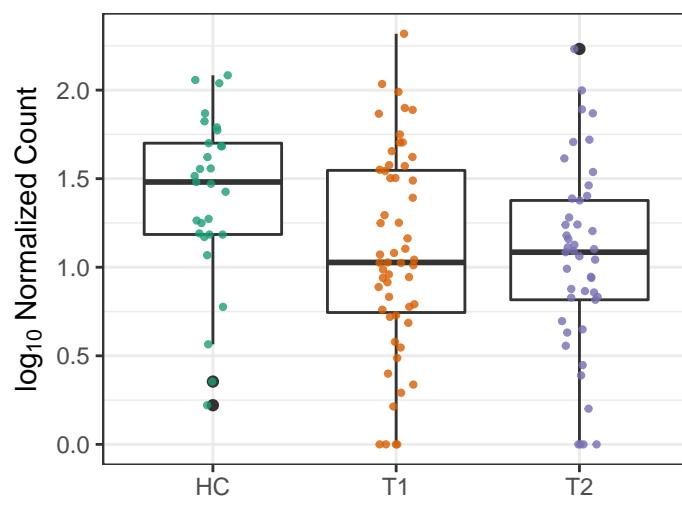
### Candidatus Koribacter

HC vs. T1 p = 0.02  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.95



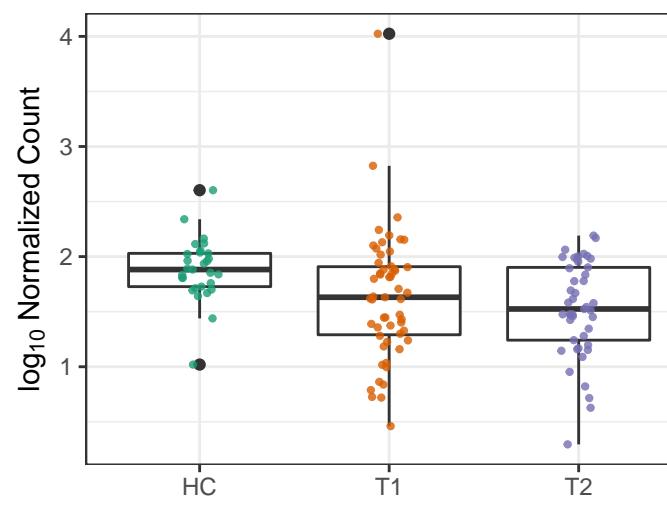
### Candidatus Amoebophilus

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.9



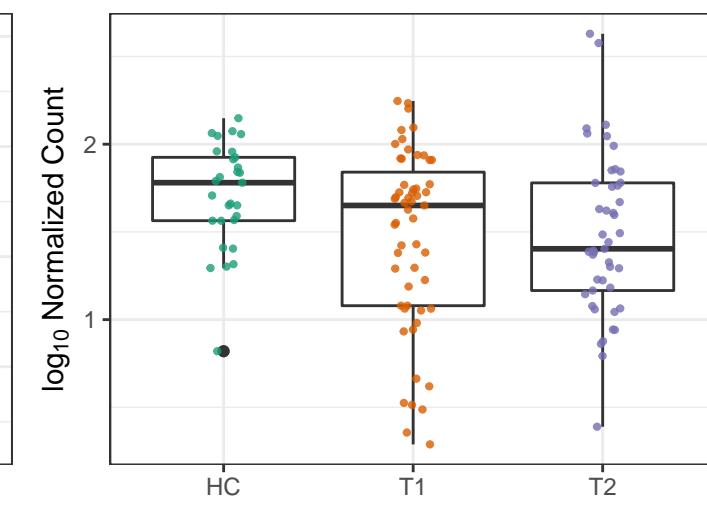
### Malassezia

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.0029  
T1 vs. T2 p = 0.78



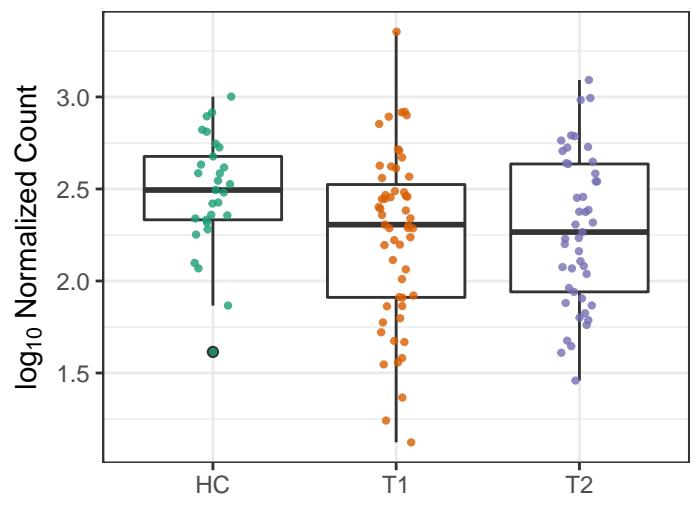
### Methylobacillus

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 1



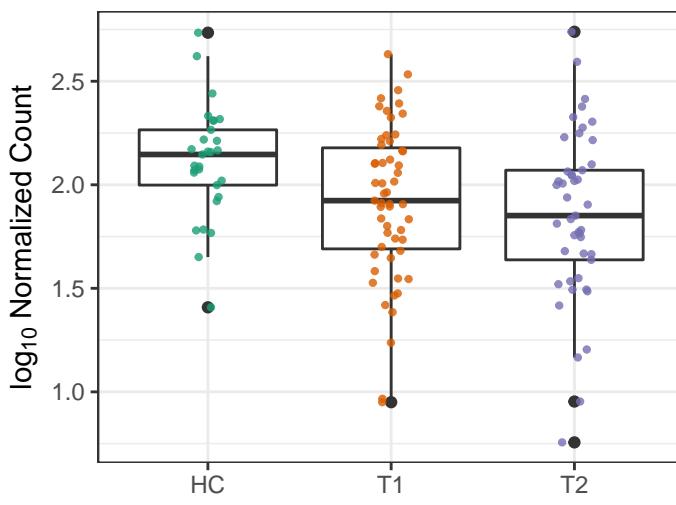
### Stigmatella

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.81



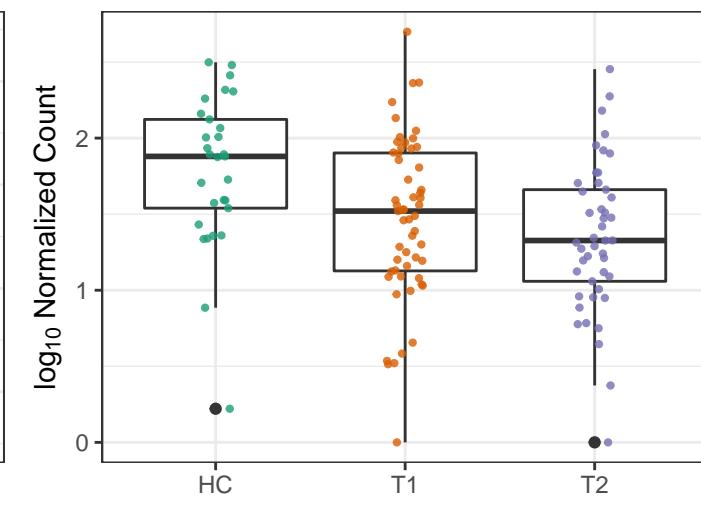
### Unclassified Neisseriaceae Family

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.91



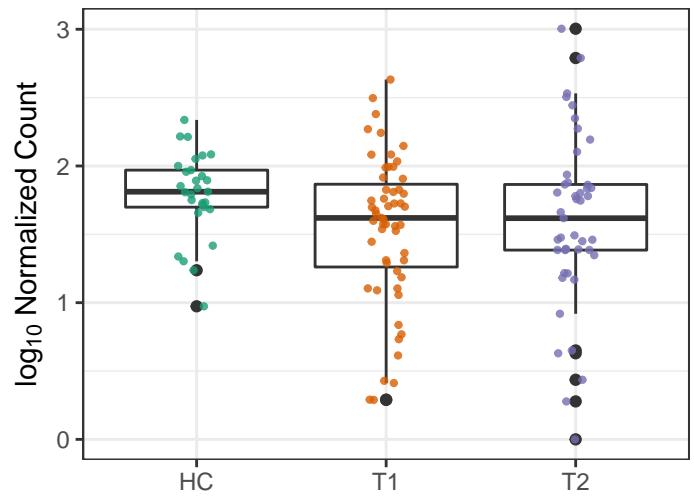
### Sneathia

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.007  
T1 vs. T2 p = 0.78



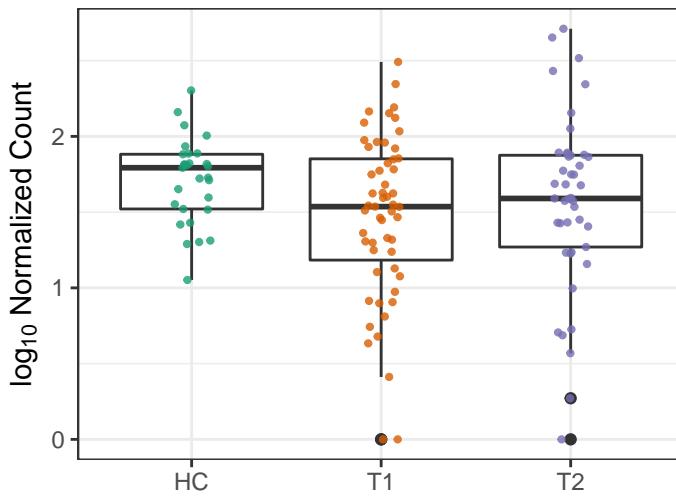
### Aerosticca

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.8



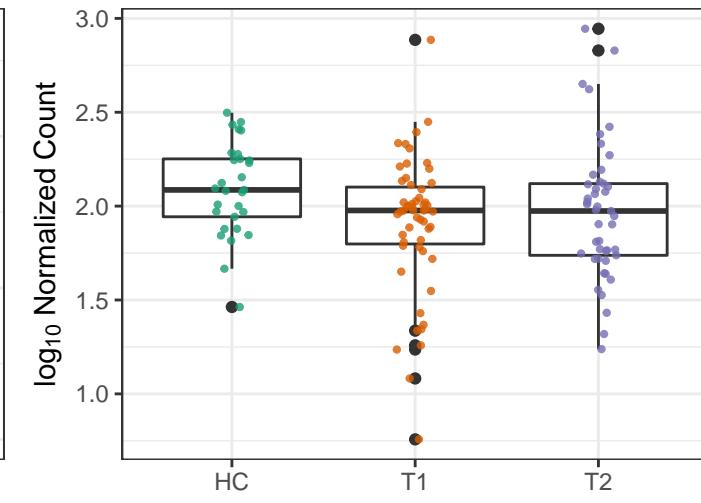
### Candidatus Bipolaricaulis

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.78



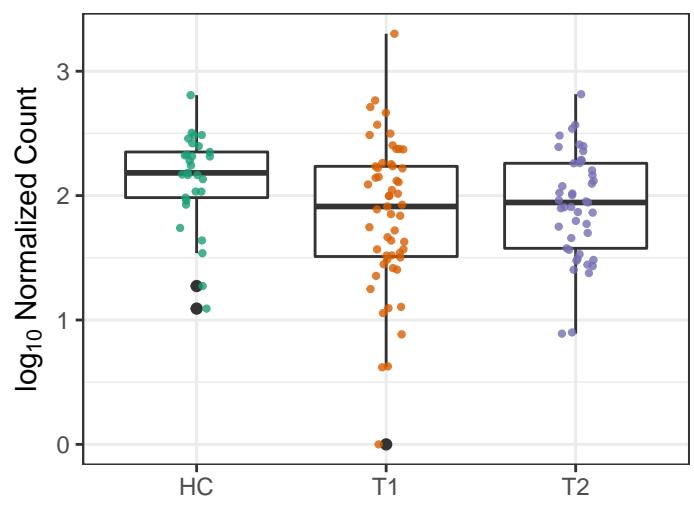
### Thermanaeromonas

HC vs. T1 p = 0.021  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.78



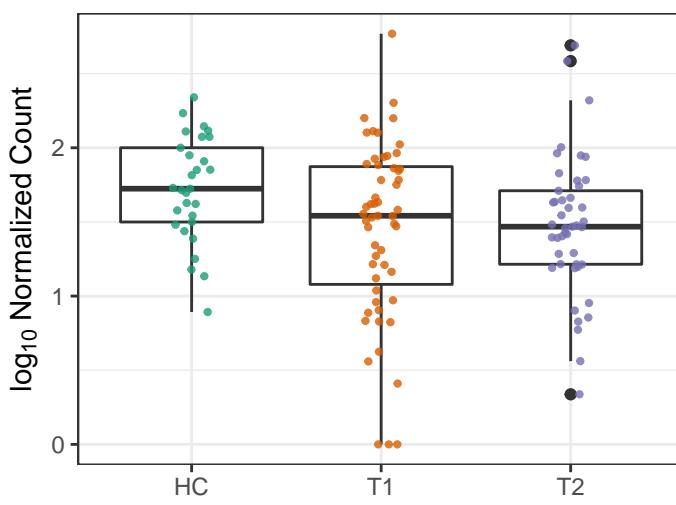
### Methyloversatilis

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.054  
T1 vs. T2 p = 0.78



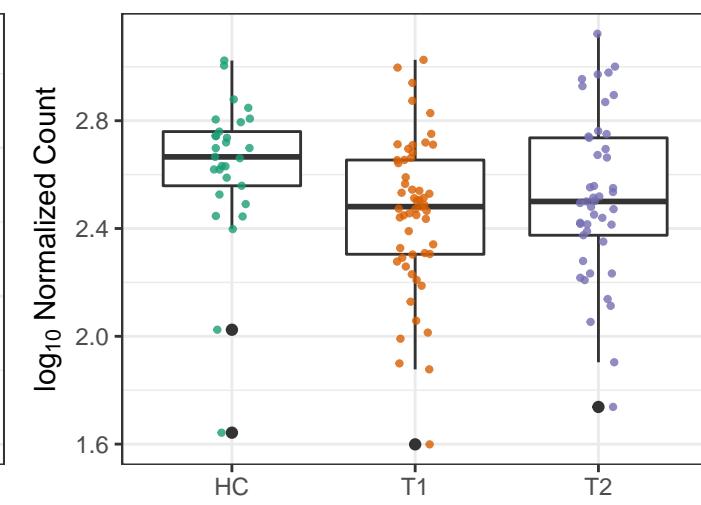
### Bermanella

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.96



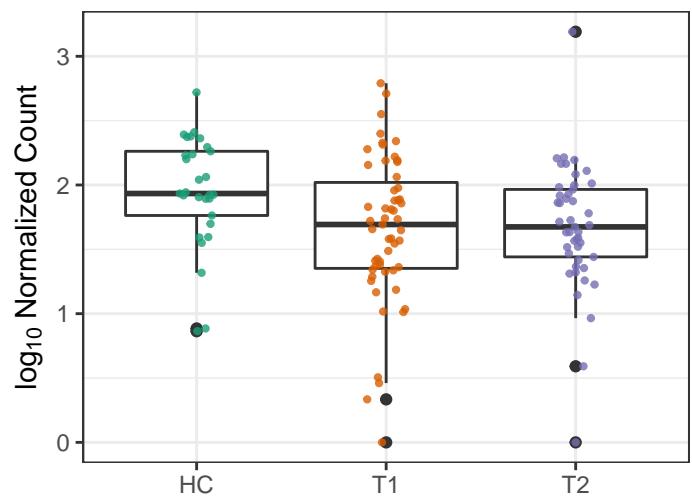
### Aneurinibacillus

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.78



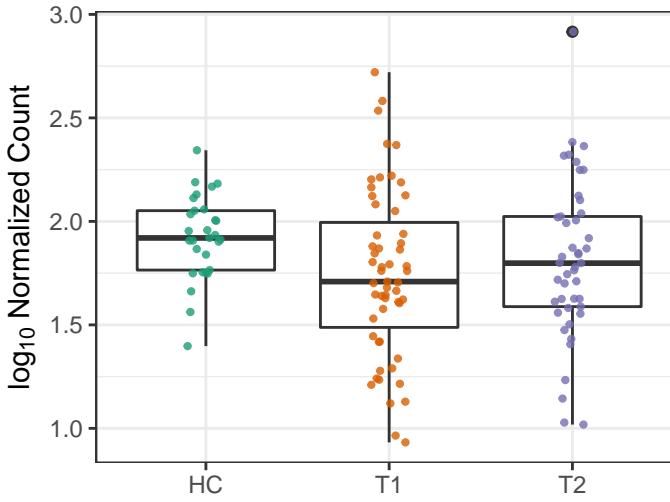
### Frischella

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.91



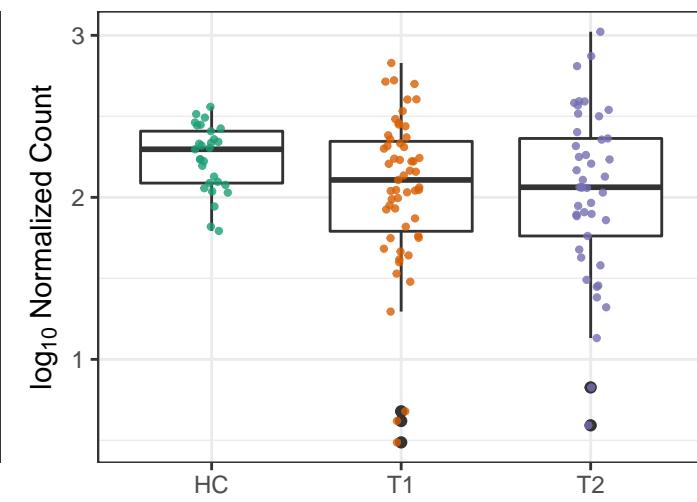
### Halomicronema

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.79



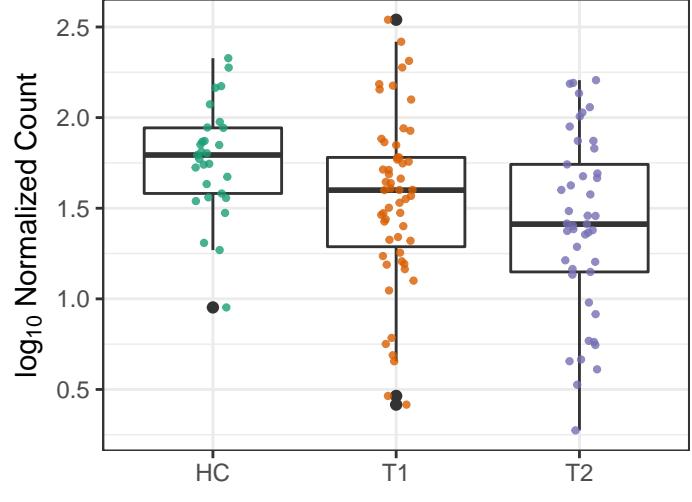
### Nordella

HC vs. T1 p = 0.022  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.87



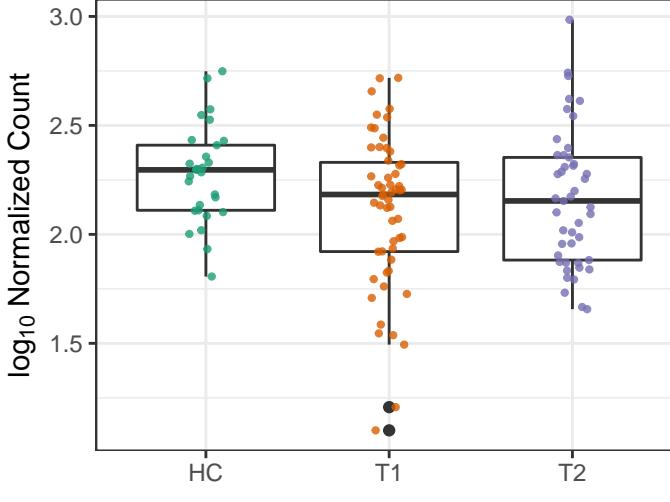
### Mesoflavibacter

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.0052  
T1 vs. T2 p = 0.78



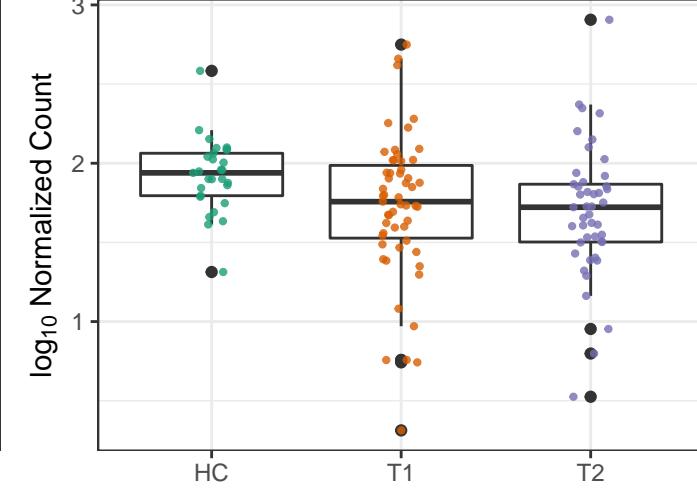
### Sedimentisphaera

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.78



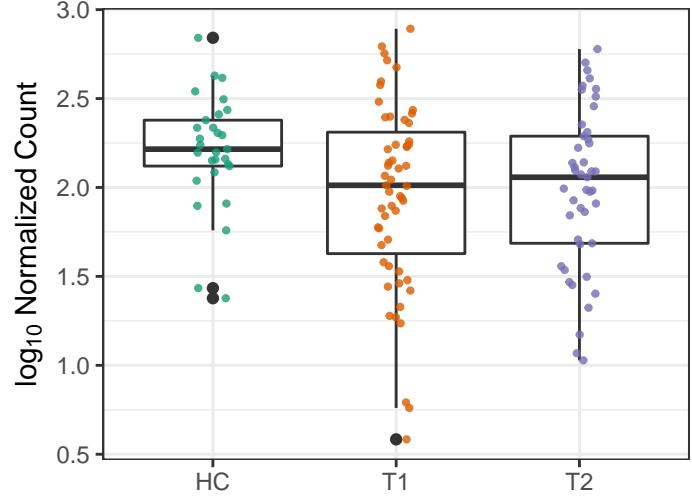
### Saccharospirillum

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.9



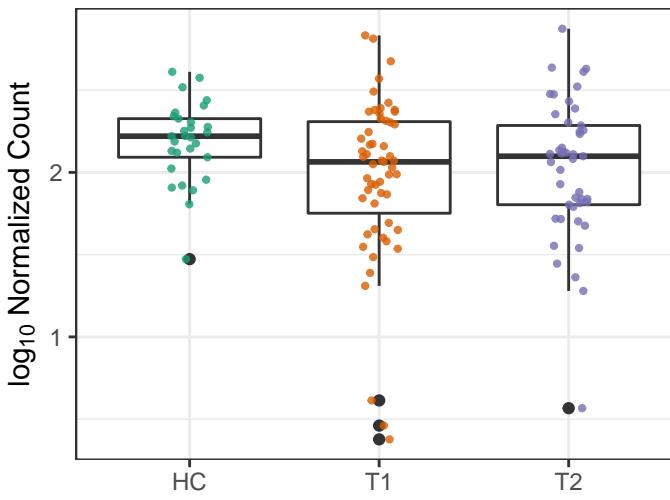
### Unclassified lamiaceae Family

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.78



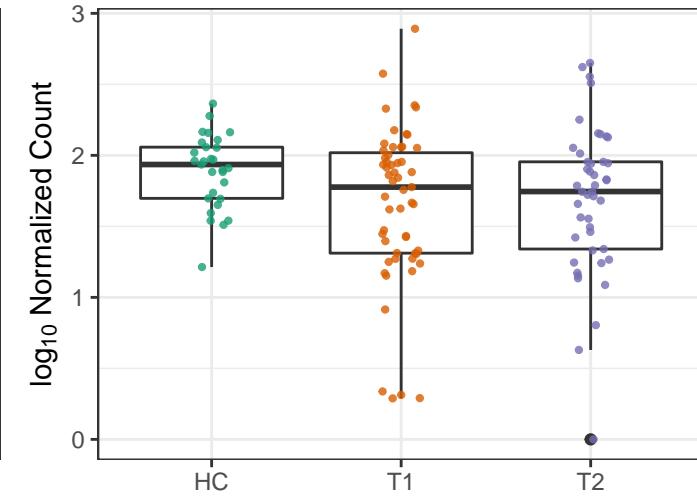
### Methanocella

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.065  
T1 vs. T2 p = 0.78



### Boseongicola

HC vs. T1 p = 0.023  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.86

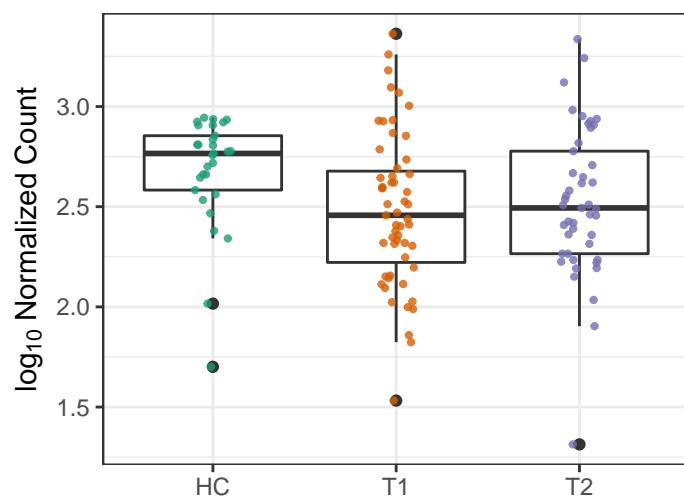


### *Peptoclostridium*

HC vs. T1 p = 0.023

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.81

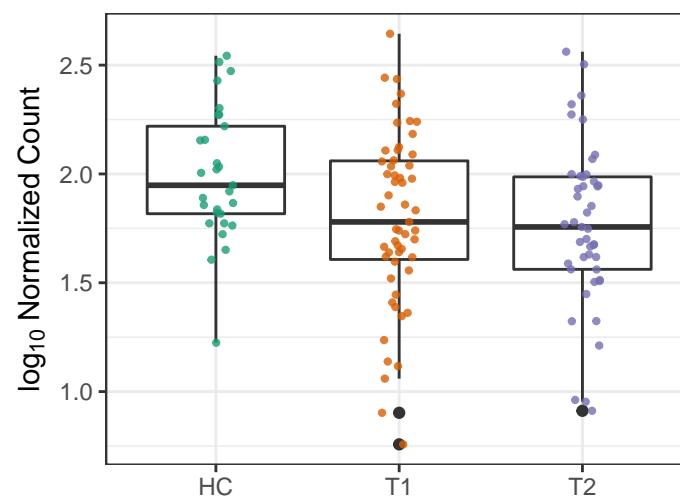


### *Endomicrobium*

HC vs. T1 p = 0.023

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.92

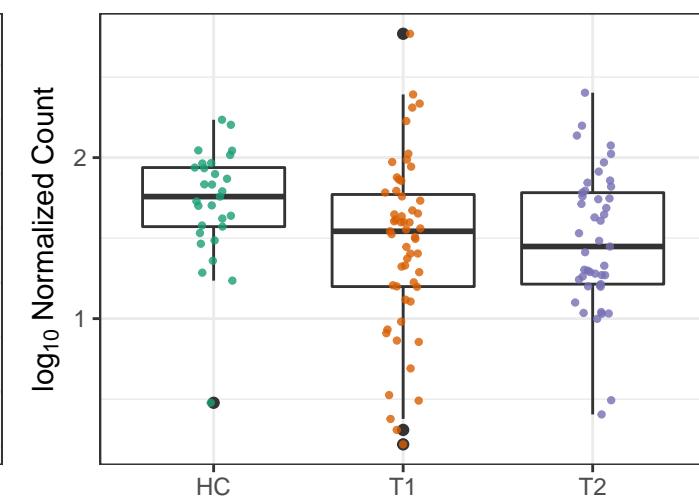


### *Thalassobius*

HC vs. T1 p = 0.023

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.86

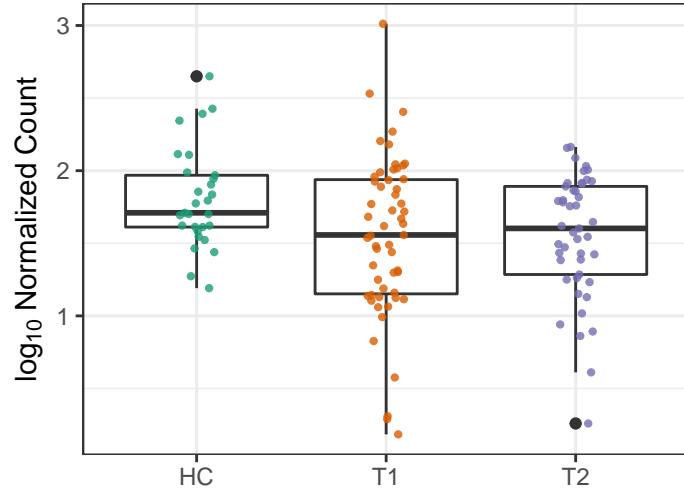


### *Neoasaia*

HC vs. T1 p = 0.023

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.8

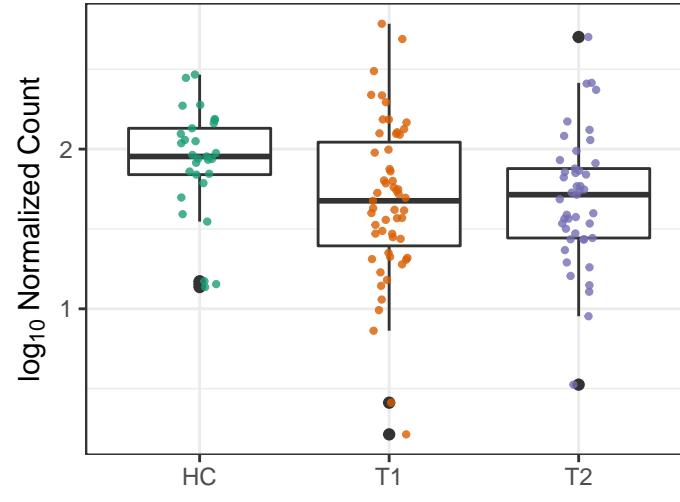


### Unclassified Silvanigrellales Order

HC vs. T1 p = 0.023

HC vs. T2 p = 0.03

T1 vs. T2 p = 1

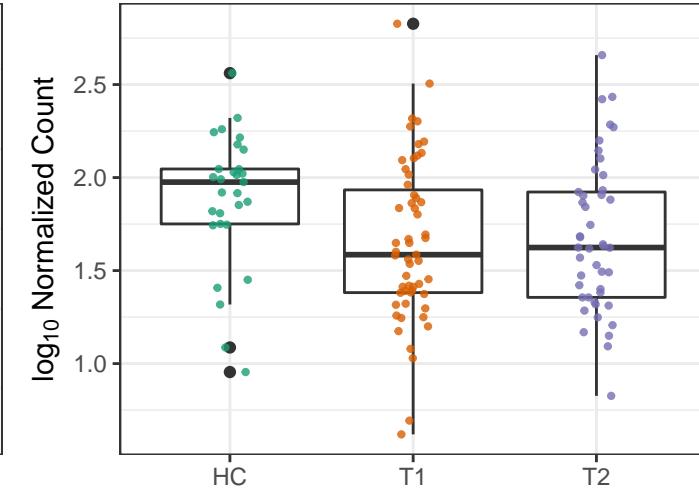


### *Gloeocapsa*

HC vs. T1 p = 0.023

HC vs. T2 p = 0.047

T1 vs. T2 p = 0.87

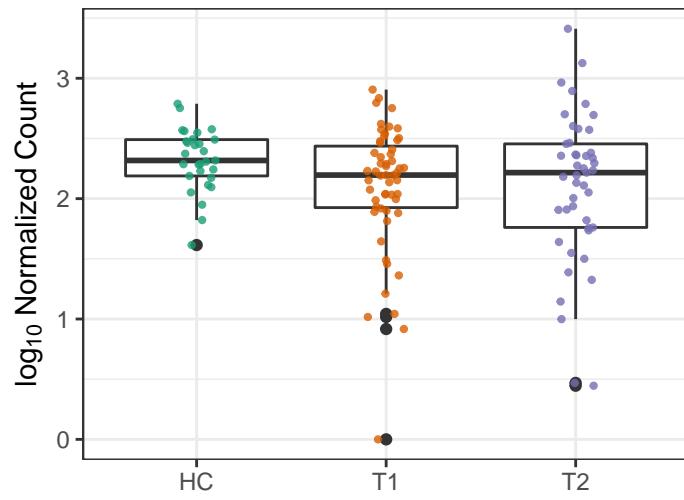


### Unclassified Methylobacteriaceae Family

HC vs. T1 p = 0.023

HC vs. T2 p = 0.068

T1 vs. T2 p = 0.89

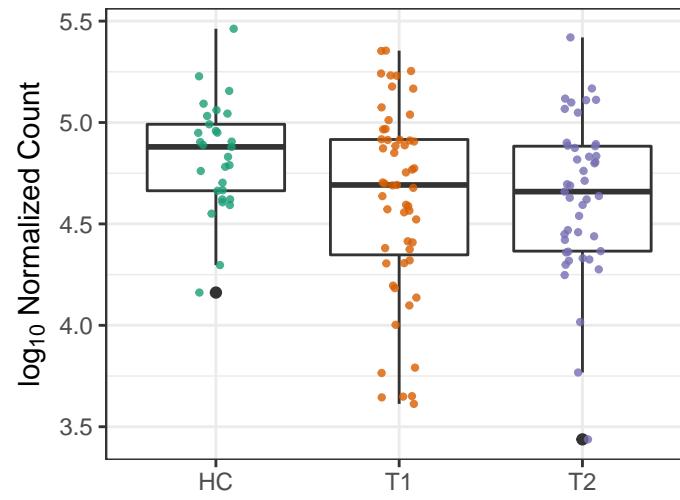


### *Dysosmobacter*

HC vs. T1 p = 0.024

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.78

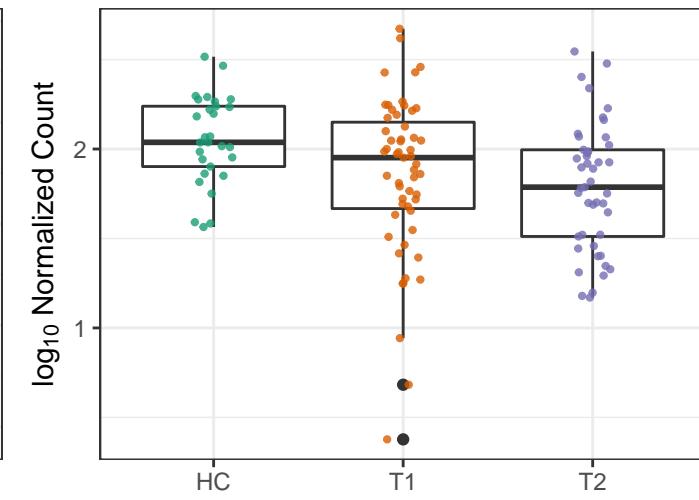


### *Methylocaldum*

HC vs. T1 p = 0.024

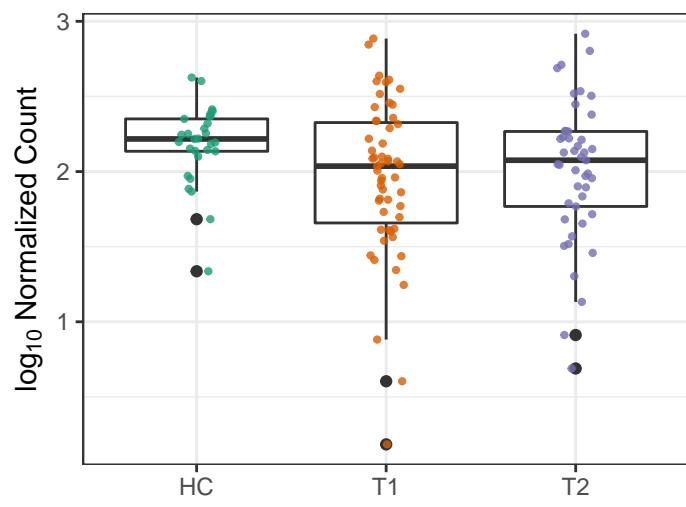
HC vs. T2 p = 0.006

T1 vs. T2 p = 0.89



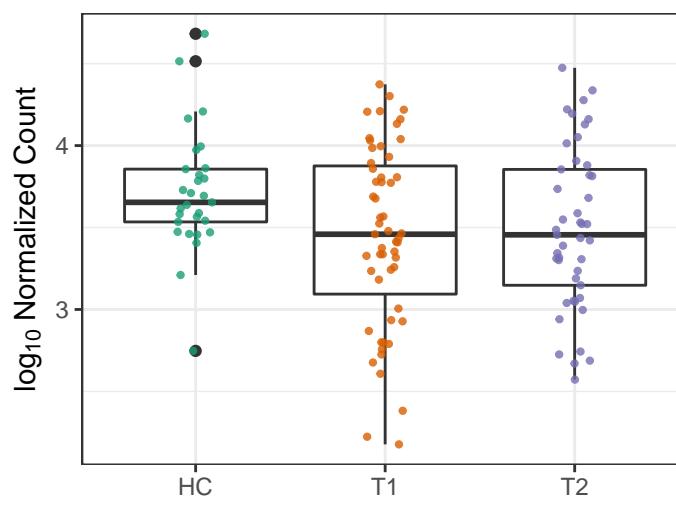
### Oceanimonas

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.079  
T1 vs. T2 p = 0.78



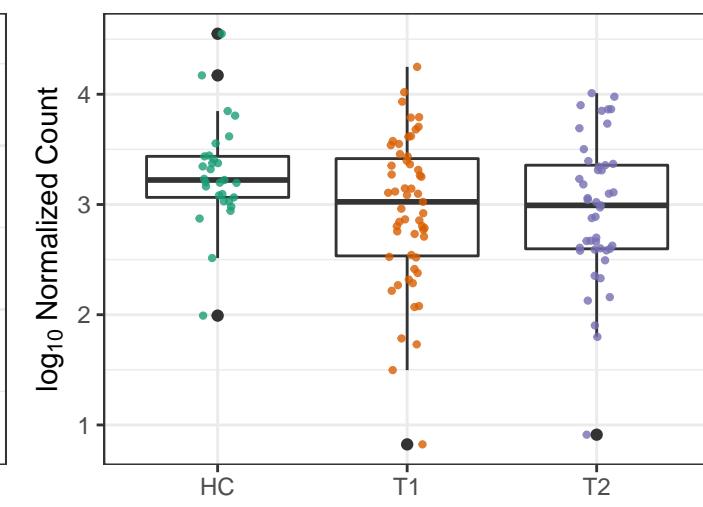
### Unclassified Actinobacteria Phylum

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.78



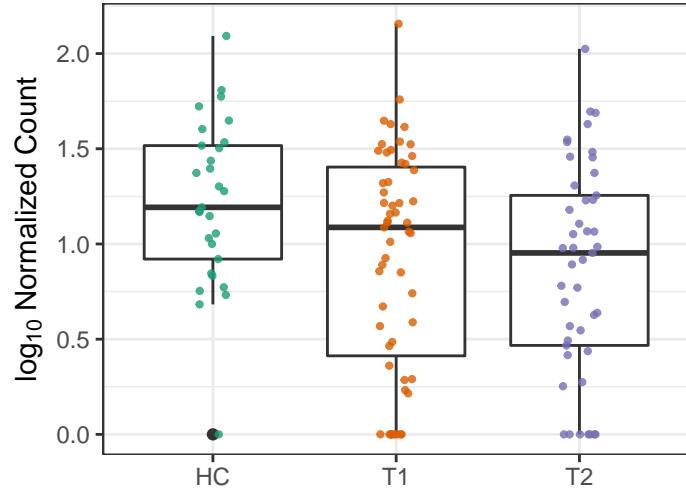
### Parolsenella

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.8



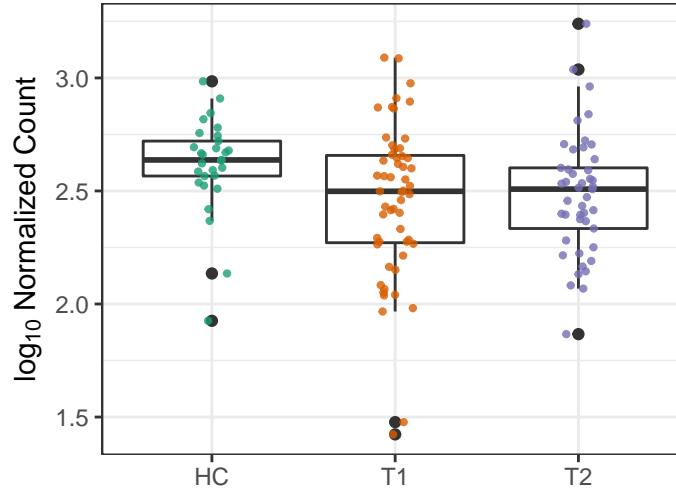
### Unclassified Rhodobacterales Order

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.93



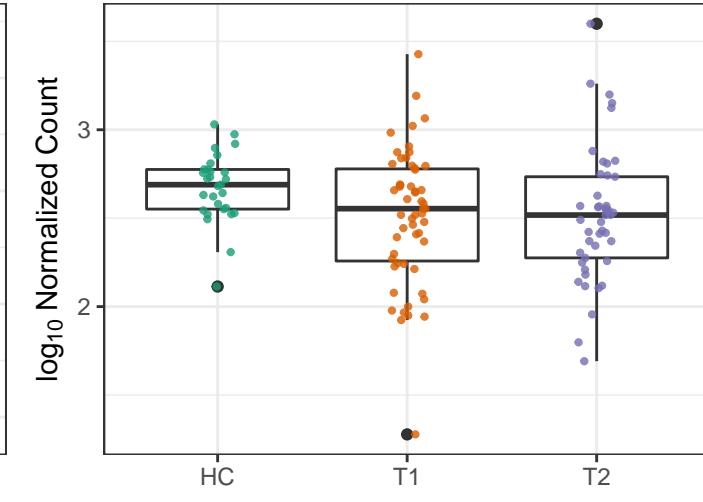
### Bdellovibrio

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.85



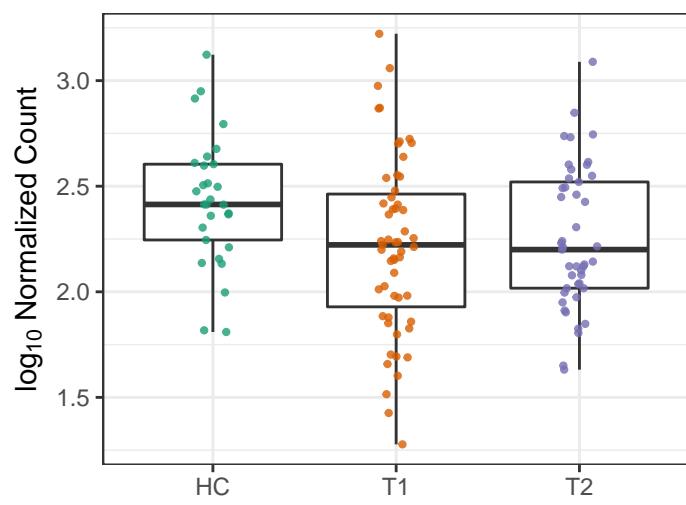
### Collimonas

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.85



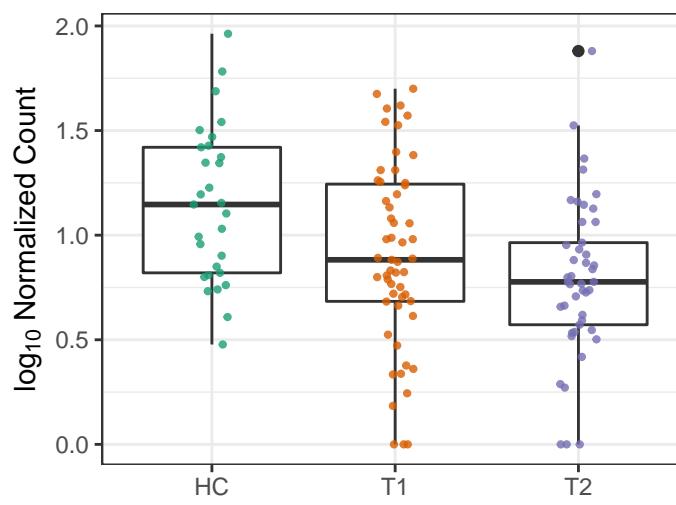
### Desulfatibacillum

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.78



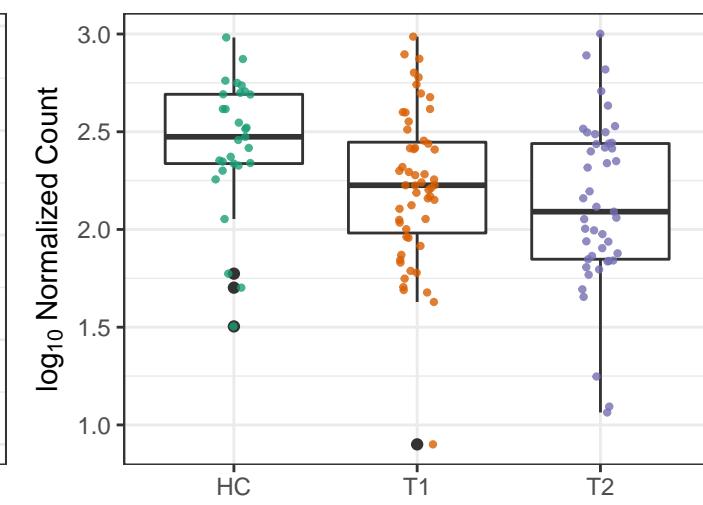
### Candidatus Hodgkinia

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.0049  
T1 vs. T2 p = 0.78



### Hathewaya

HC vs. T1 p = 0.024  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78

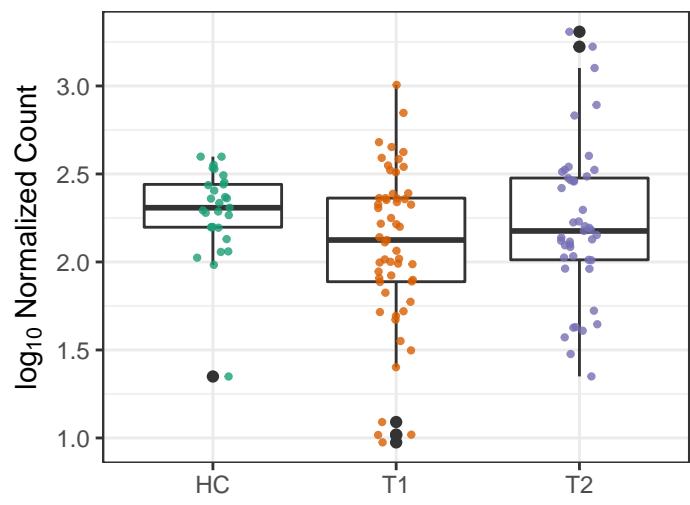


### Natrinema

HC vs. T1 p = 0.024

HC vs. T2 p = 0.46

T1 vs. T2 p = 0.78

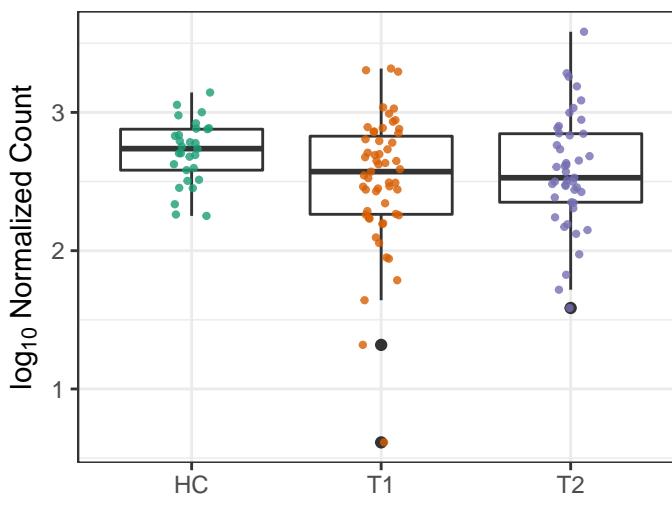


### Microlunatus

HC vs. T1 p = 0.025

HC vs. T2 p = 0.099

T1 vs. T2 p = 0.78

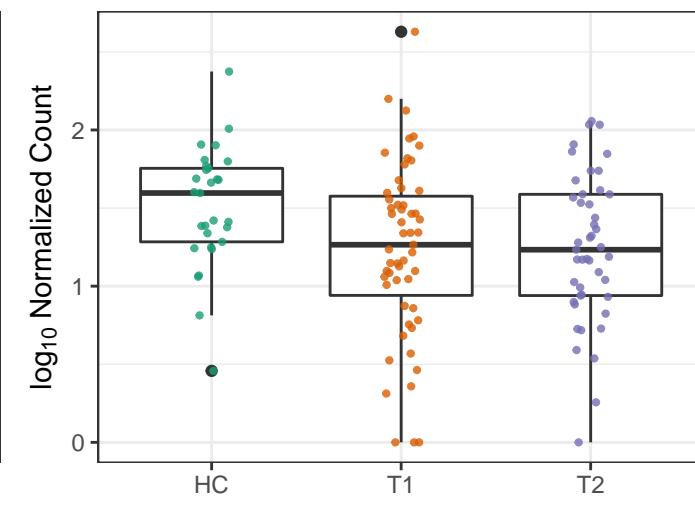


### Unclassified Thermaceae Family

HC vs. T1 p = 0.025

HC vs. T2 p = 0.028

T1 vs. T2 p = 0.92

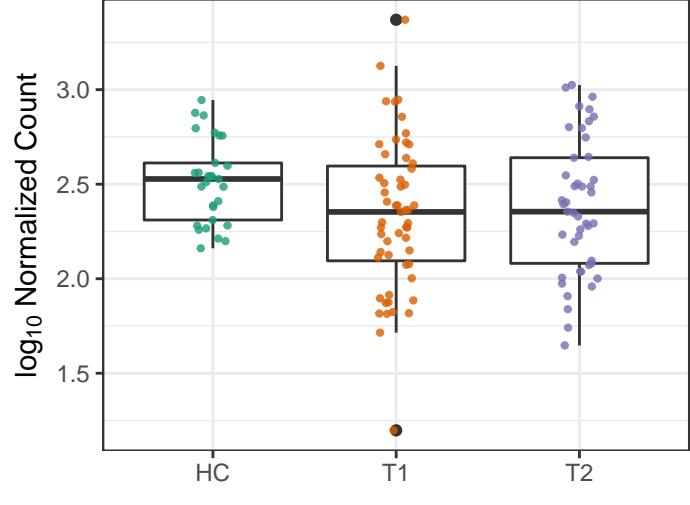


### Sodalis

HC vs. T1 p = 0.025

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.78

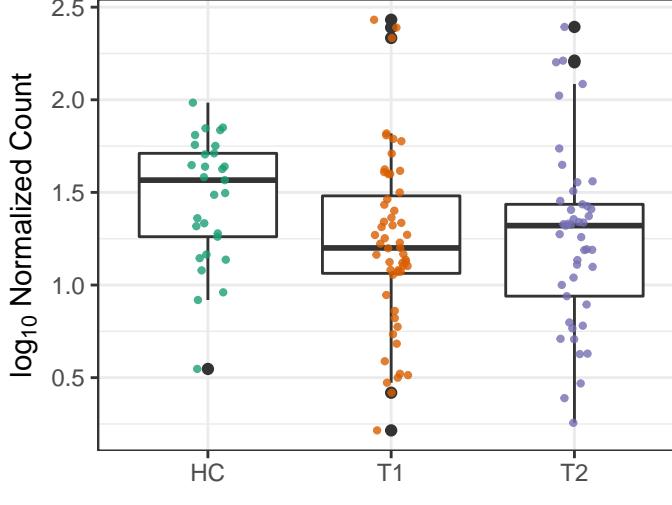


### Candidatus Nitrosotalea

HC vs. T1 p = 0.025

HC vs. T2 p = 0.052

T1 vs. T2 p = 0.96

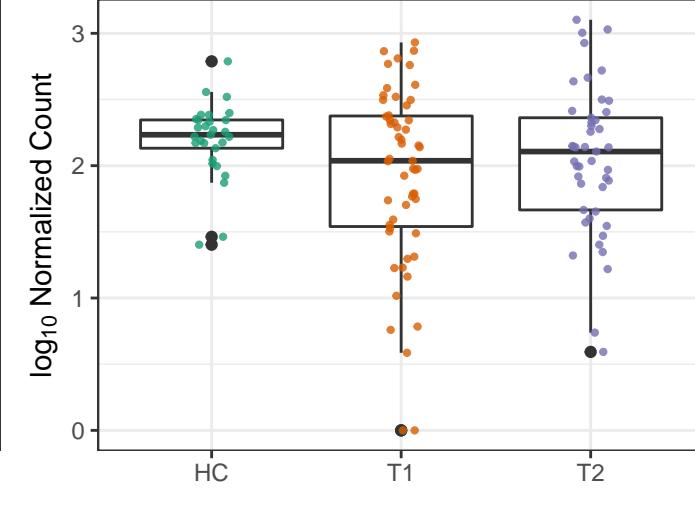


### Modestobacter

HC vs. T1 p = 0.026

HC vs. T2 p = 0.17

T1 vs. T2 p = 0.78

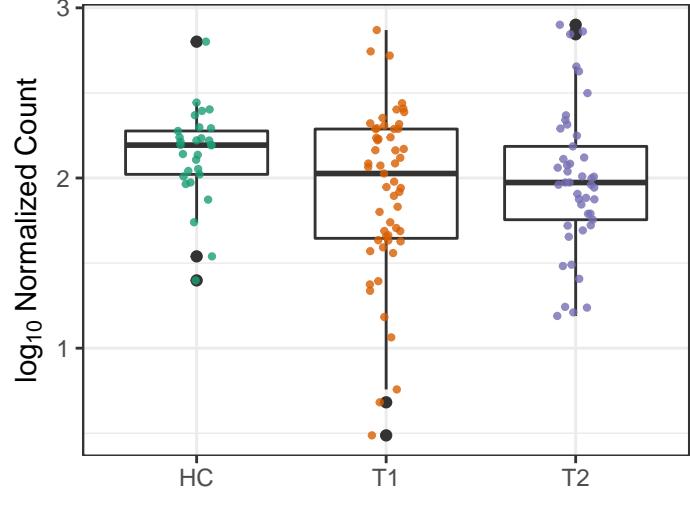


### Ammonifex

HC vs. T1 p = 0.026

HC vs. T2 p = 0.093

T1 vs. T2 p = 0.78

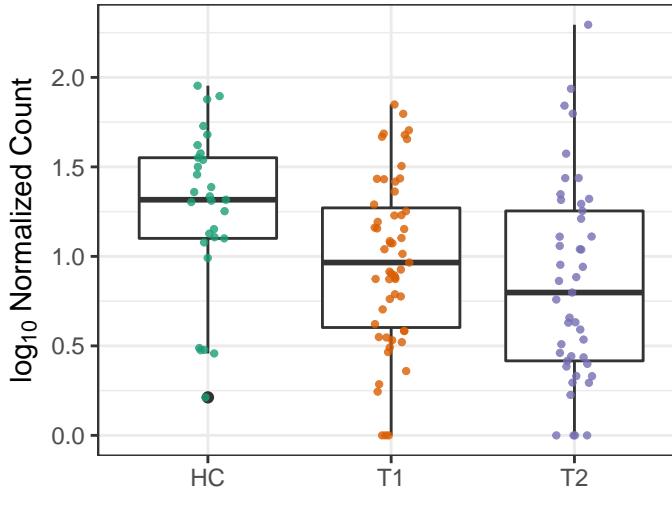


### Ichthyobacterium

HC vs. T1 p = 0.026

HC vs. T2 p = 0.011

T1 vs. T2 p = 0.78

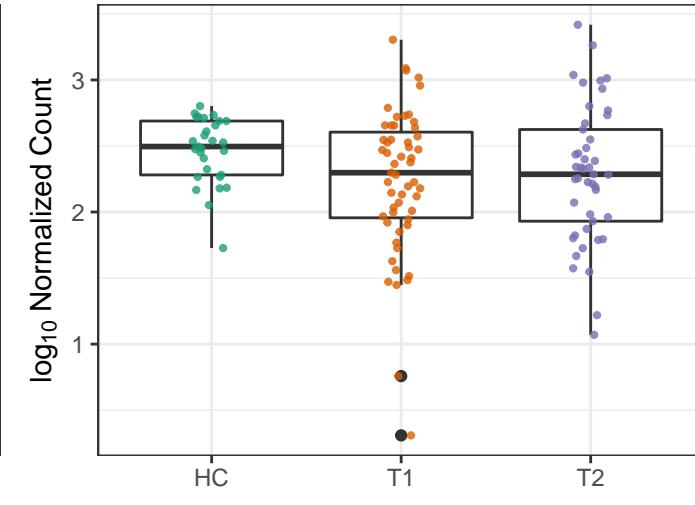


### Minicystis

HC vs. T1 p = 0.026

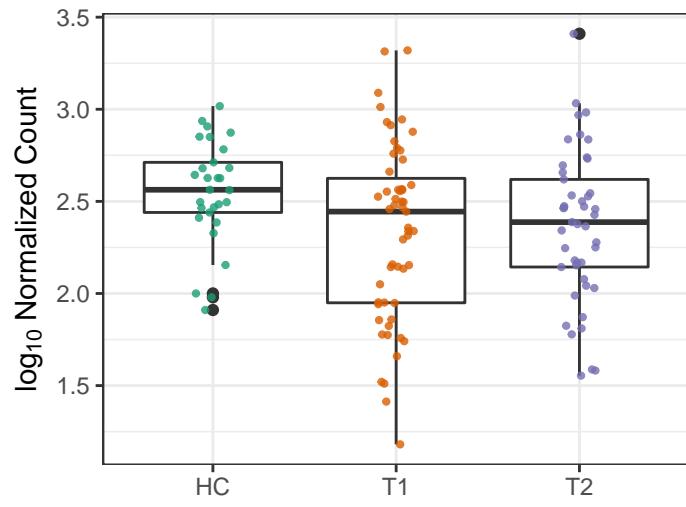
HC vs. T2 p = 0.086

T1 vs. T2 p = 0.8



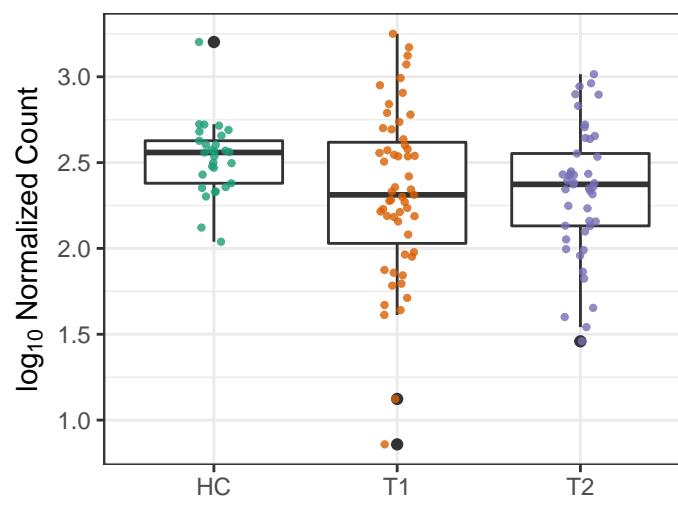
### Leucobacter

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.79



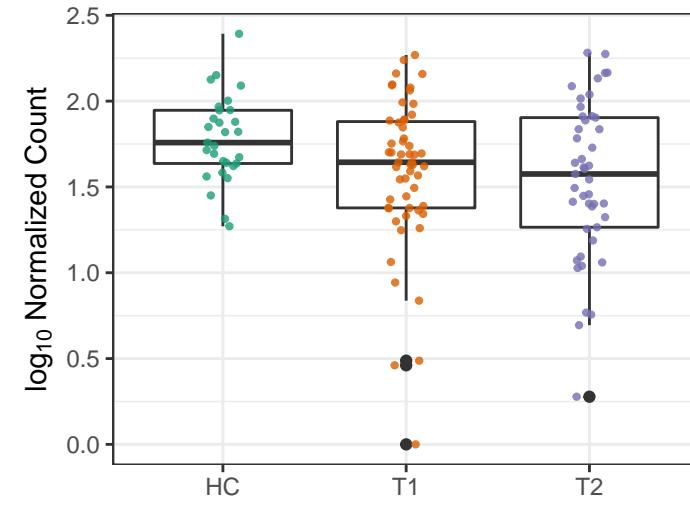
### Unclassified Verrucomicrobia Phylum

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.91



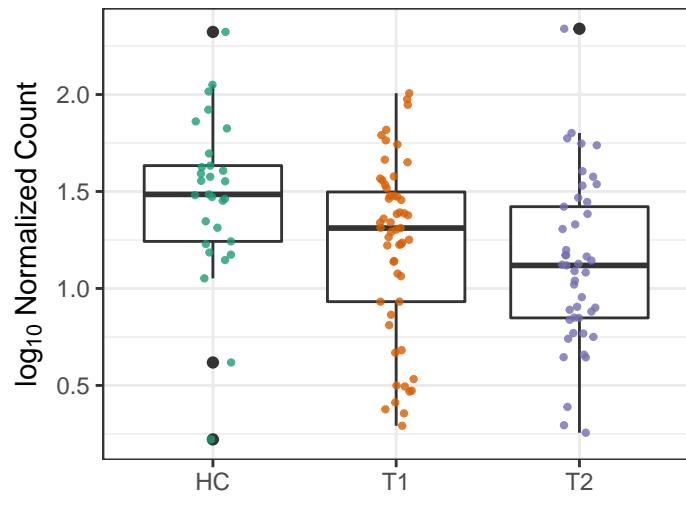
### Sulfuriflexus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.94



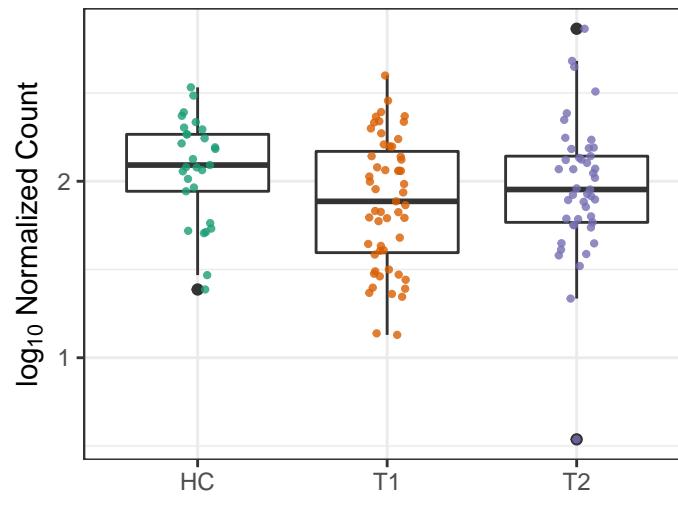
### Aciduliprofundum

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.0093  
T1 vs. T2 p = 0.78



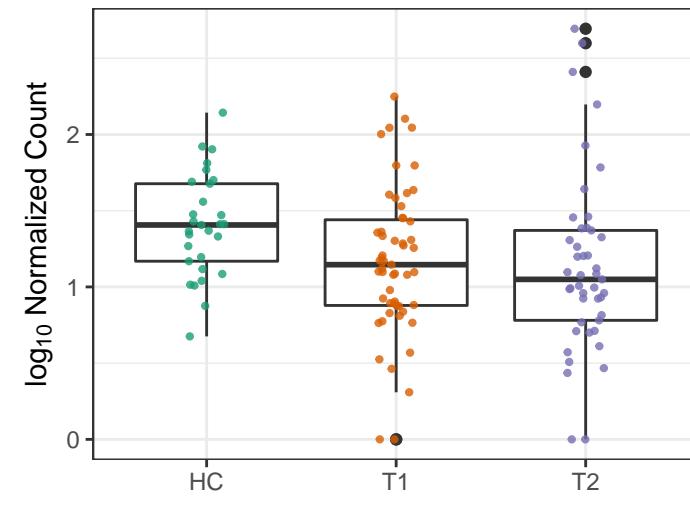
### Fischerella

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.24  
T1 vs. T2 p = 0.78



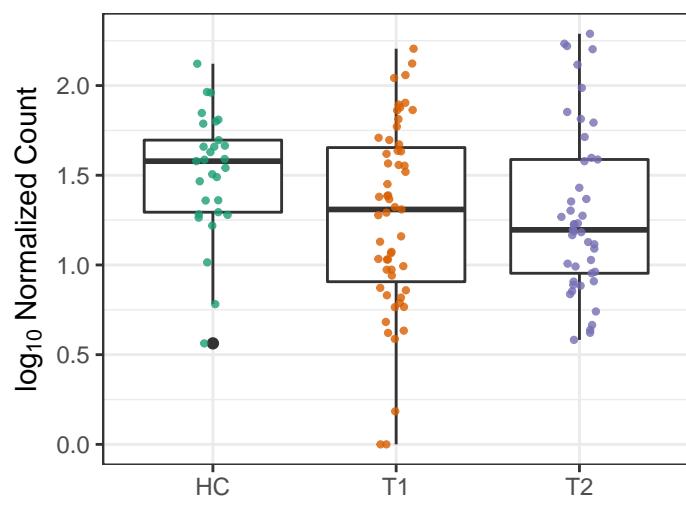
### Halostagnicola

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.99



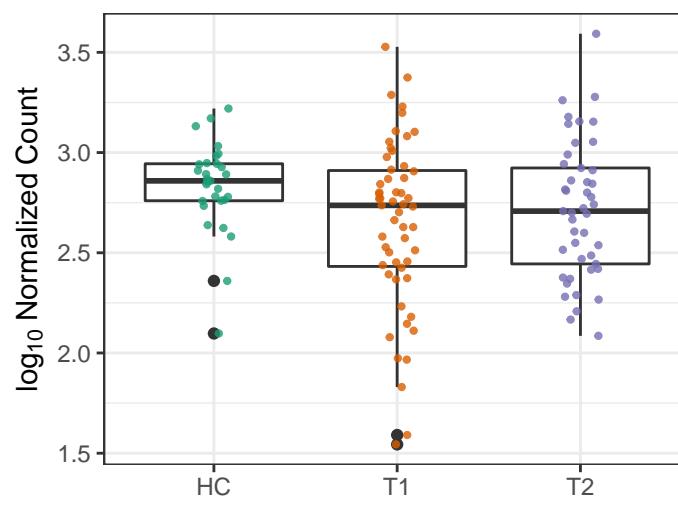
### Methanothermococcus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.05  
T1 vs. T2 p = 0.92



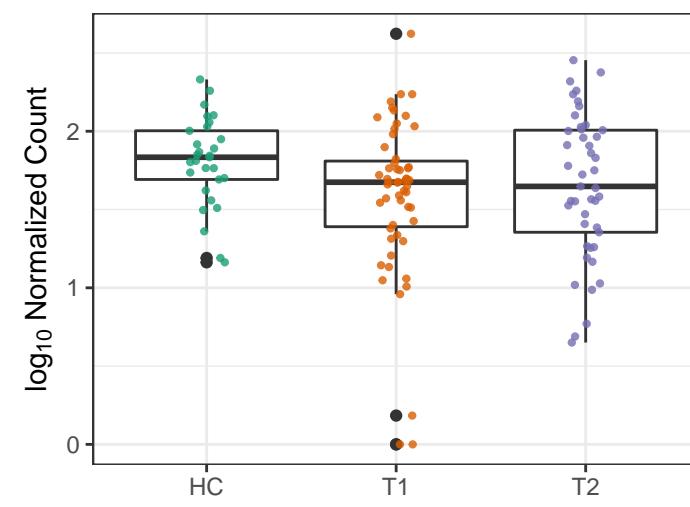
### Moorella

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.78



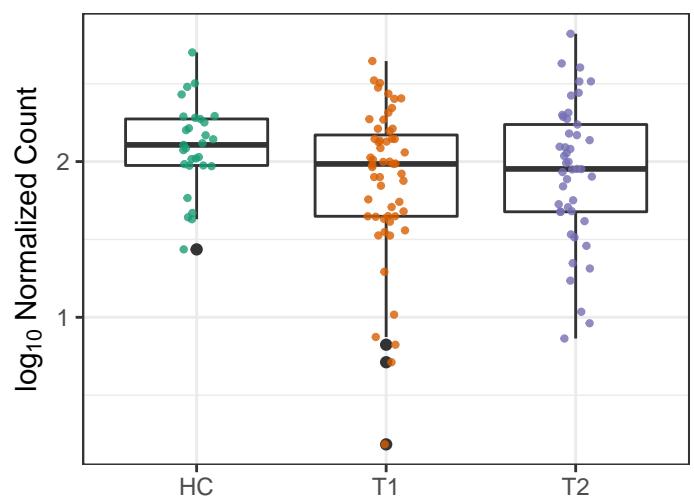
### Rippkaea

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.79



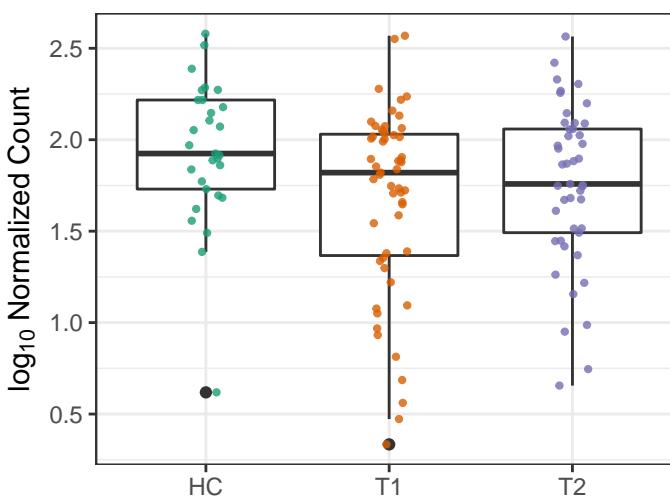
### Mobilicoccus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.085  
T1 vs. T2 p = 0.78



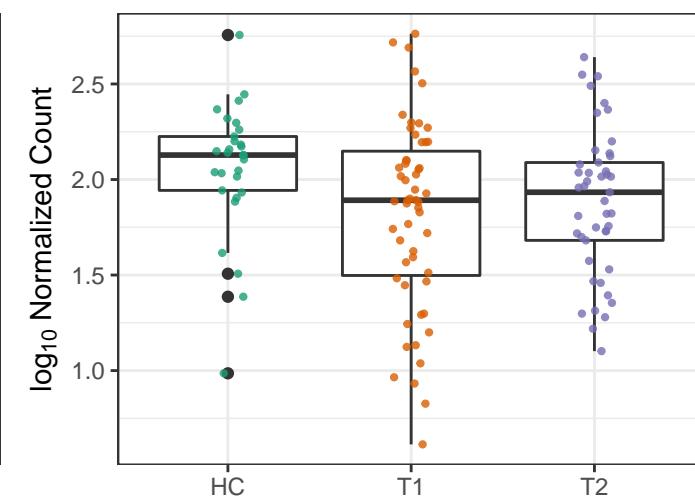
### Unclassified Chitinophagaceae Family

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.8



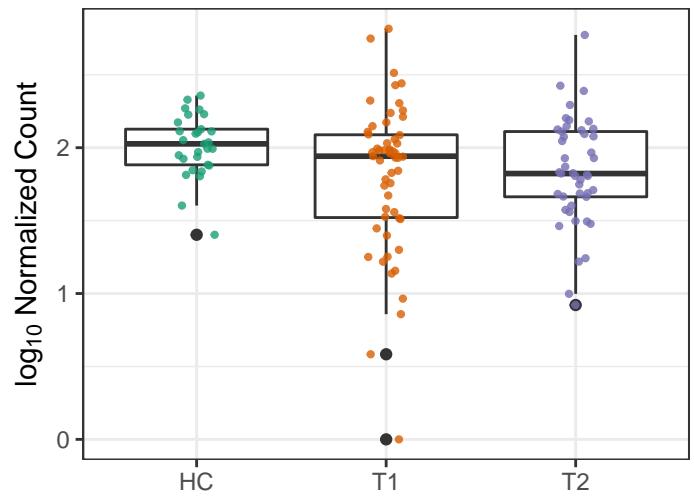
### Unclassified Xanthomonadales Order

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.066  
T1 vs. T2 p = 0.78



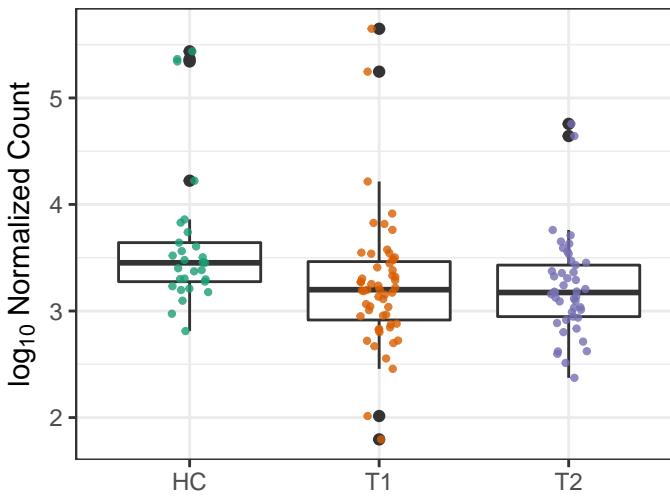
### Candidatus Cyclonatronum

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 0.83



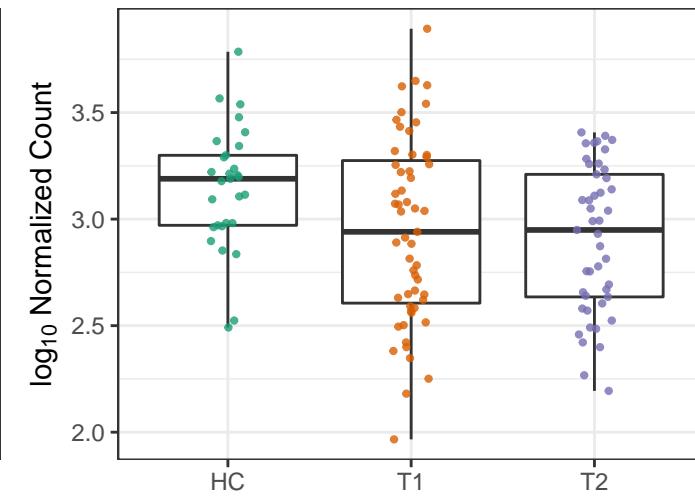
### Acidaminococcus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.91



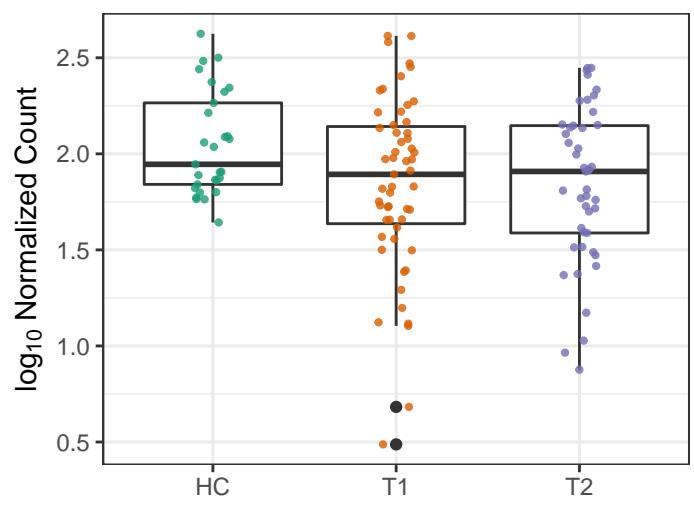
### Unclassified Peptostreptococcaceae Family

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.79



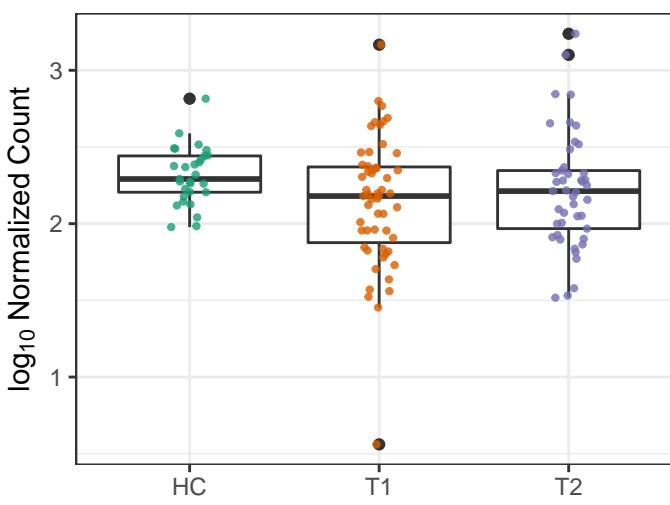
### Methylococcus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.85



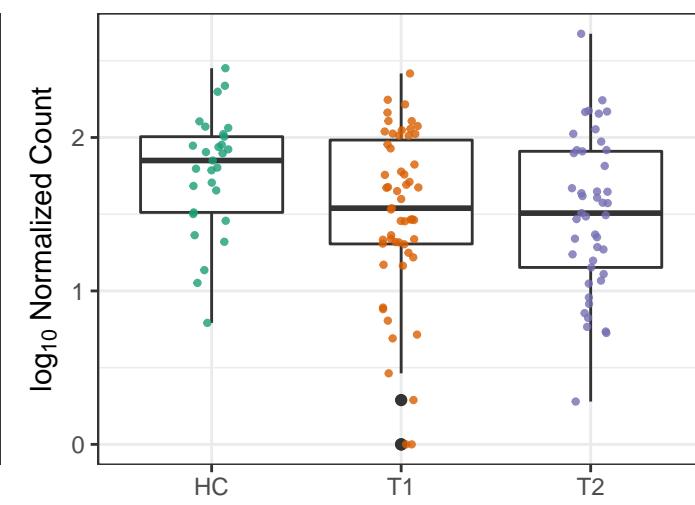
### Pelolinea

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.78



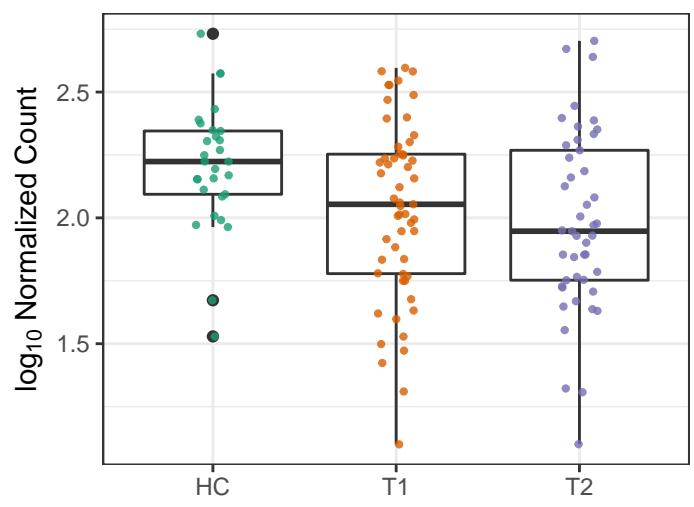
### Microcella

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 1



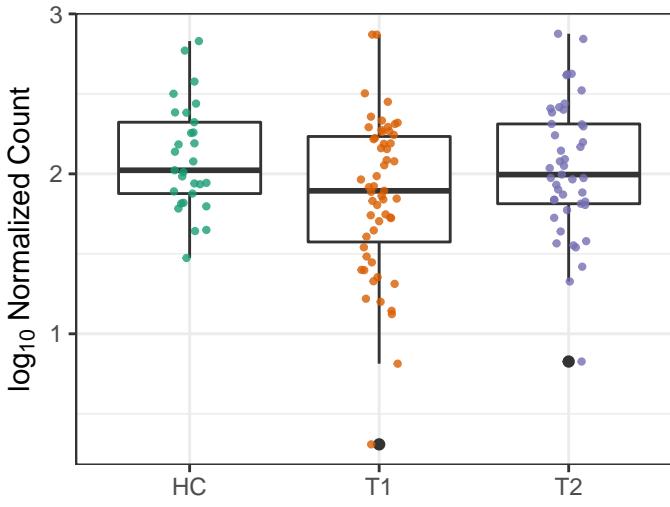
### Dokdonia

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.8



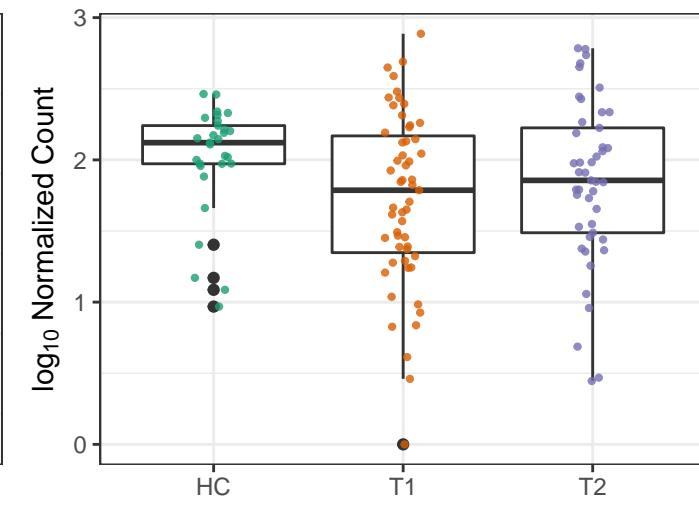
### Halorhabdus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.51  
T1 vs. T2 p = 0.78



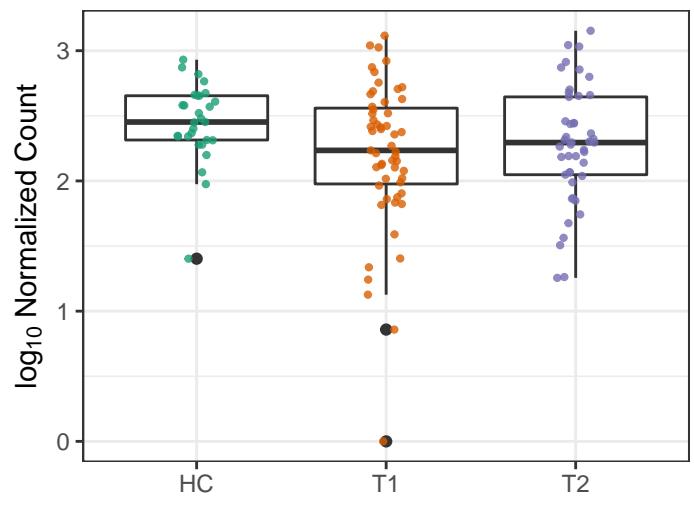
### Gryllotalpicola

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.78



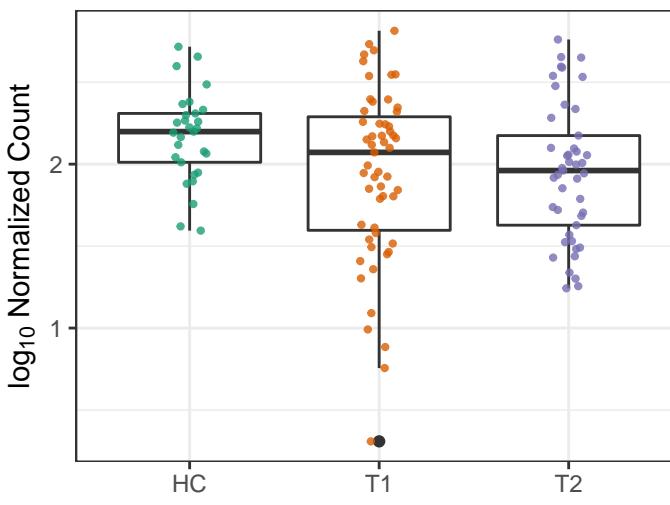
### Micrococcus

HC vs. T1 p = 0.026  
HC vs. T2 p = 0.094  
T1 vs. T2 p = 0.78



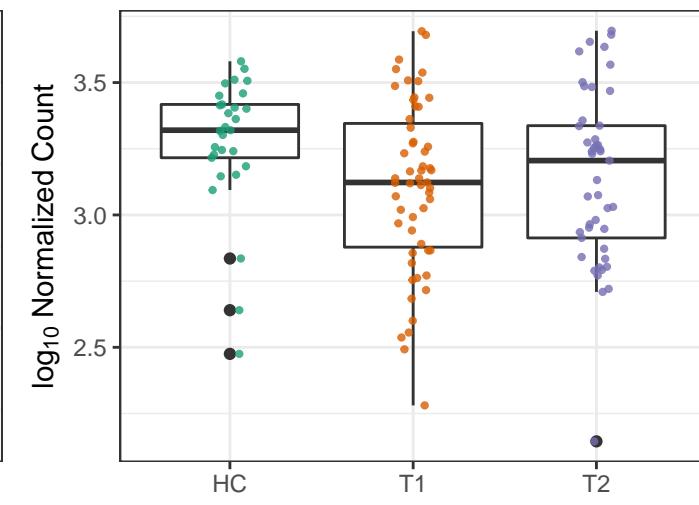
### Castellaniella

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.92



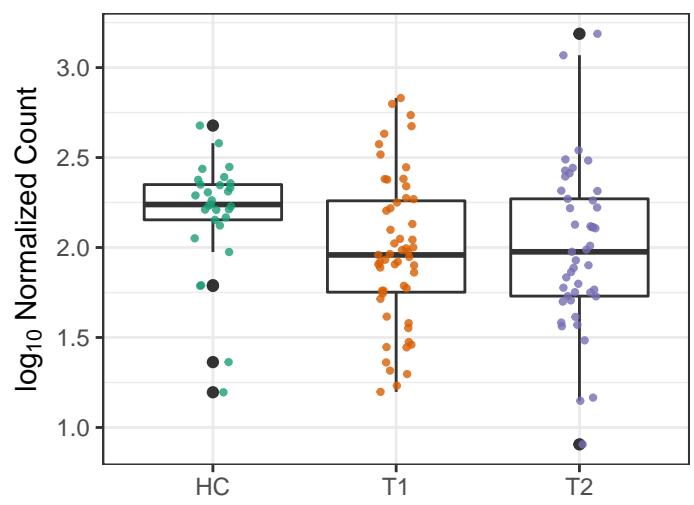
### Hungateiclostridium

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.092  
T1 vs. T2 p = 0.86



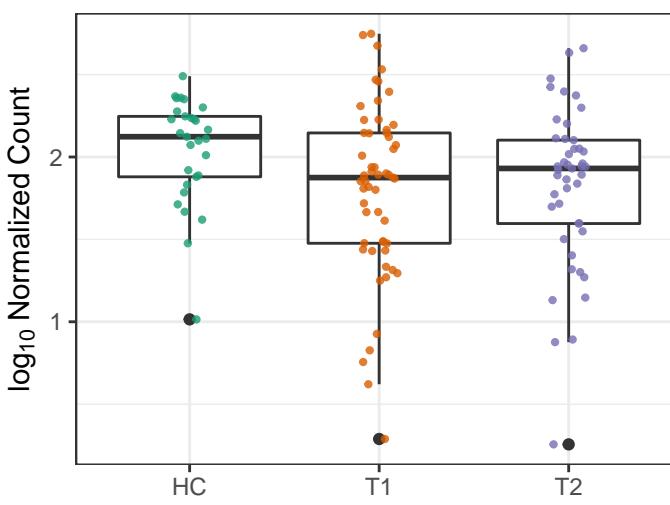
### Kazachstania

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.061  
T1 vs. T2 p = 1



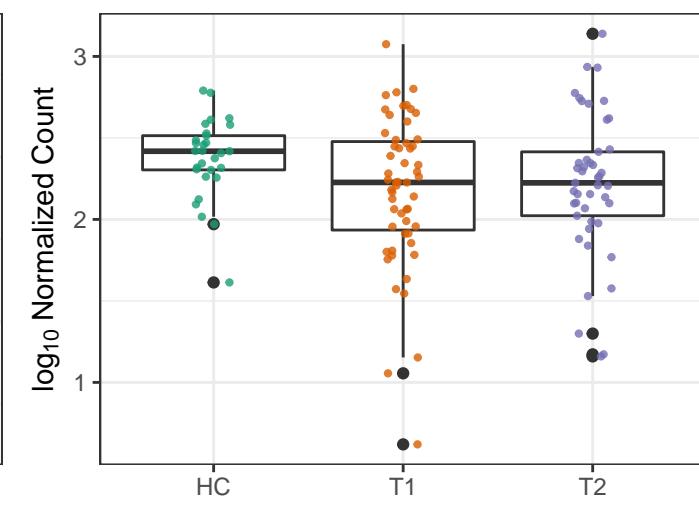
### Truepera

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.047  
T1 vs. T2 p = 0.9



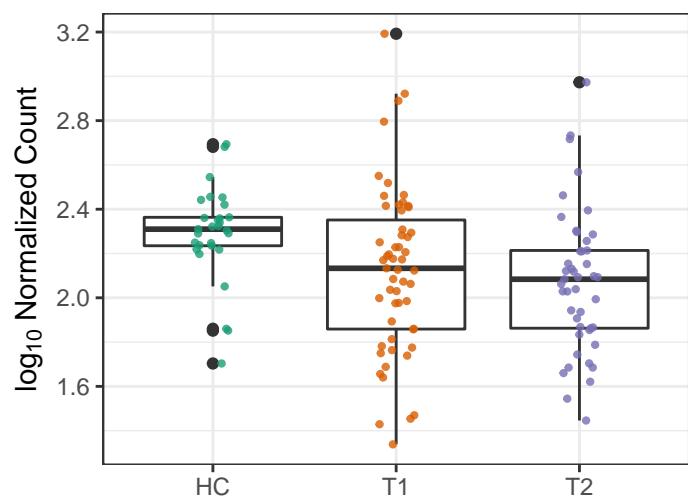
### Hyphomonas

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.85



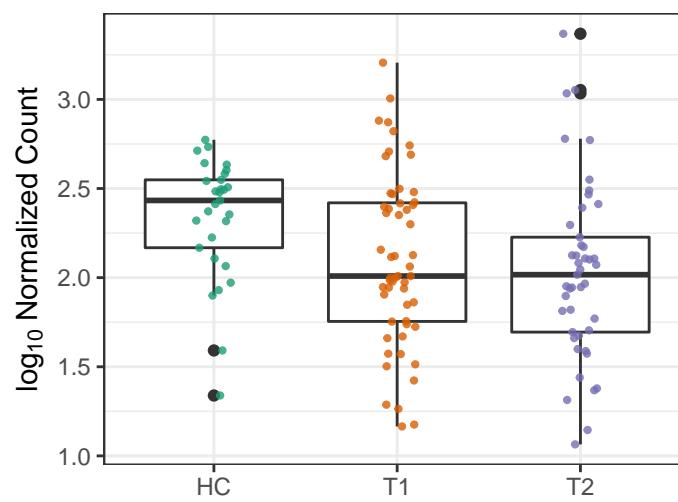
### Advenella

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.0087  
T1 vs. T2 p = 0.99



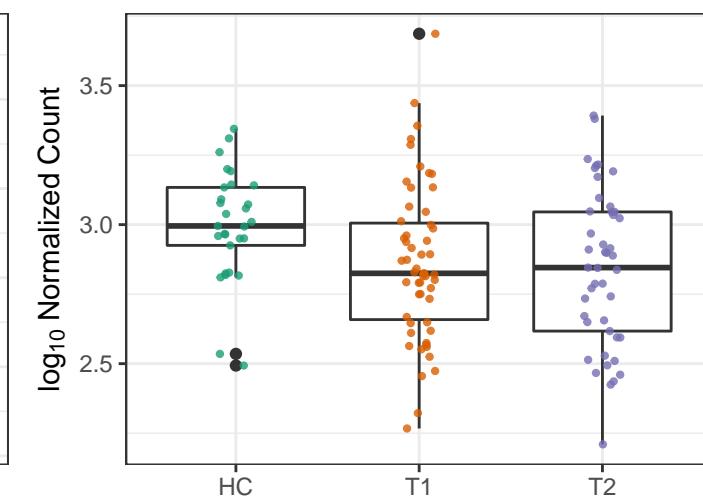
### Glaciecola

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



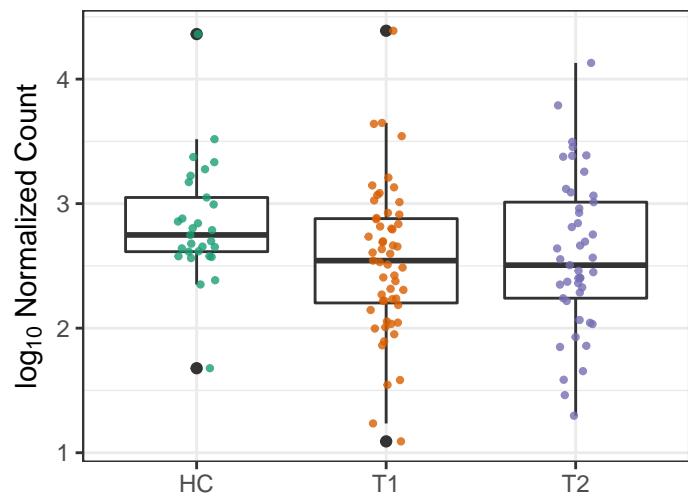
### Yersinia

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.024  
T1 vs. T2 p = 0.9



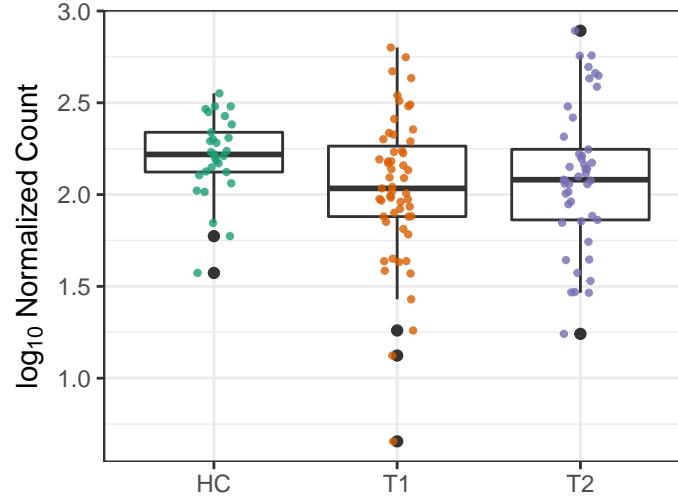
### Coriobacterium

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.78



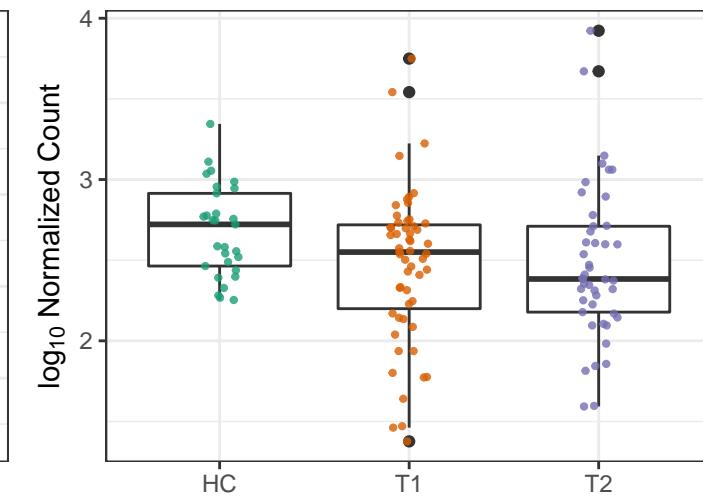
### Raineyella

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.78



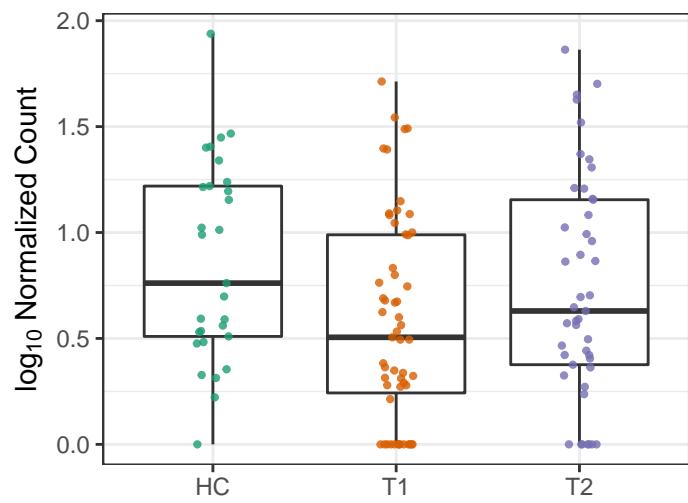
### Sutterella

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.046  
T1 vs. T2 p = 0.92



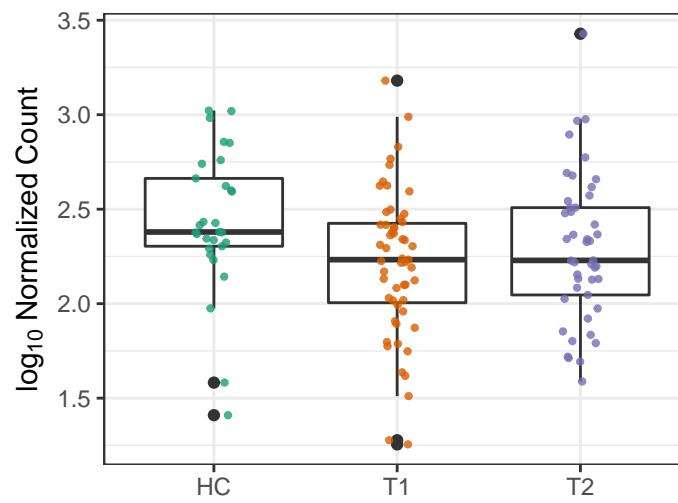
### Unclassified Thermococcaceae Family

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.32  
T1 vs. T2 p = 0.78



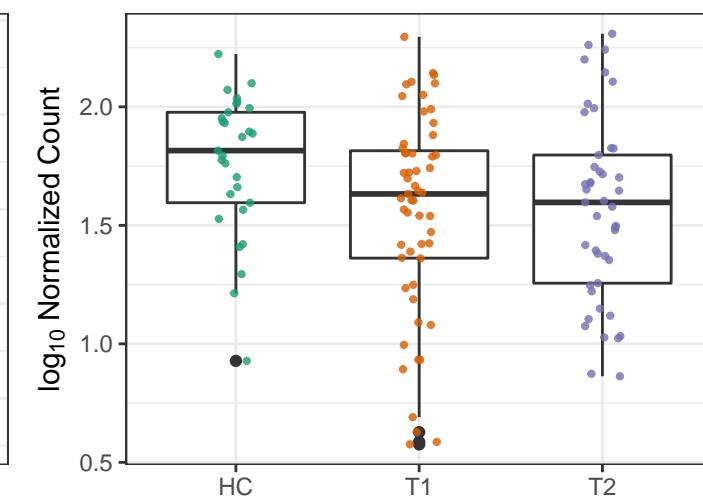
### Thermincola

HC vs. T1 p = 0.027  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.78



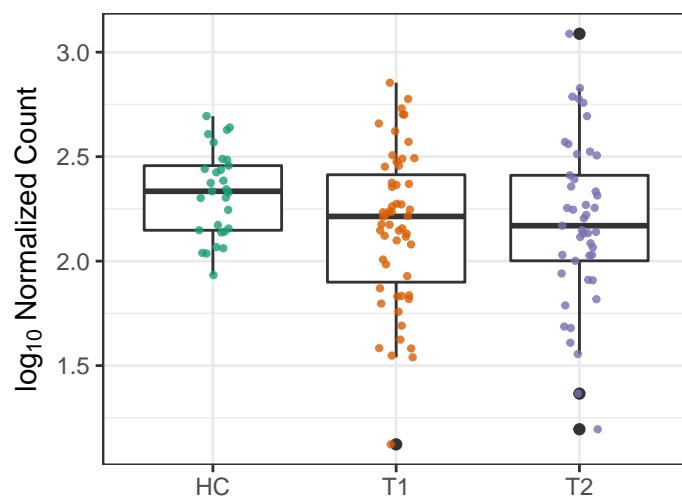
### Lonsdalea

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.93



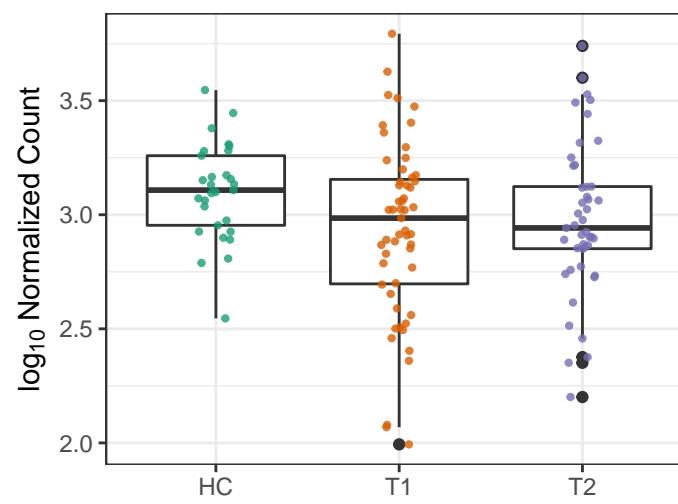
### Syntrophobacter

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.088  
T1 vs. T2 p = 0.86



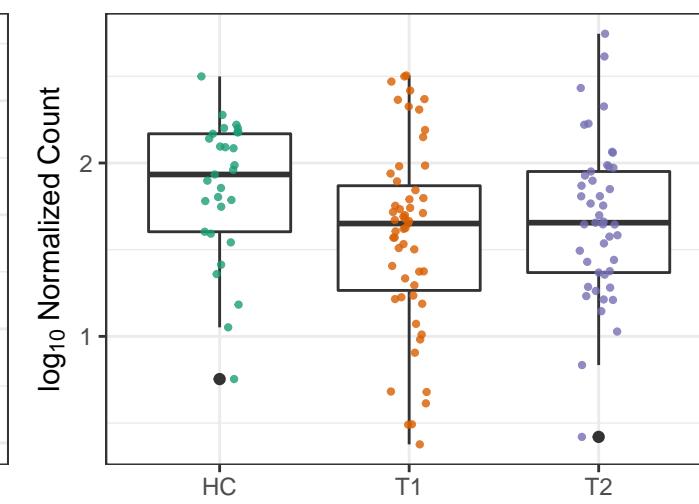
### Brevundimonas

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.099  
T1 vs. T2 p = 0.78



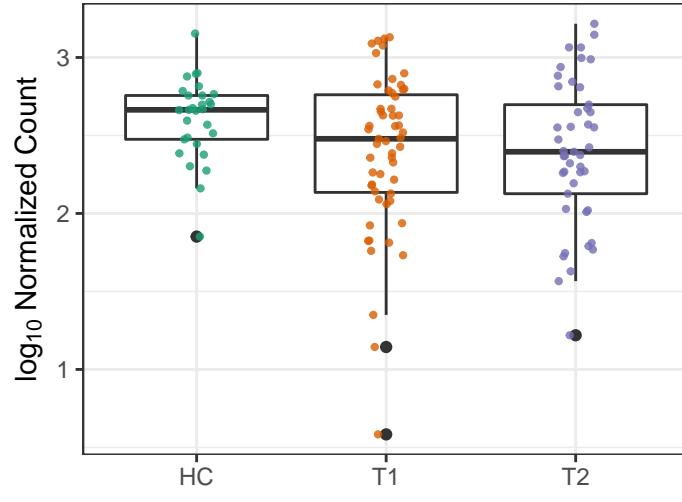
### Candidatus Phaeomarinobacter

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.78



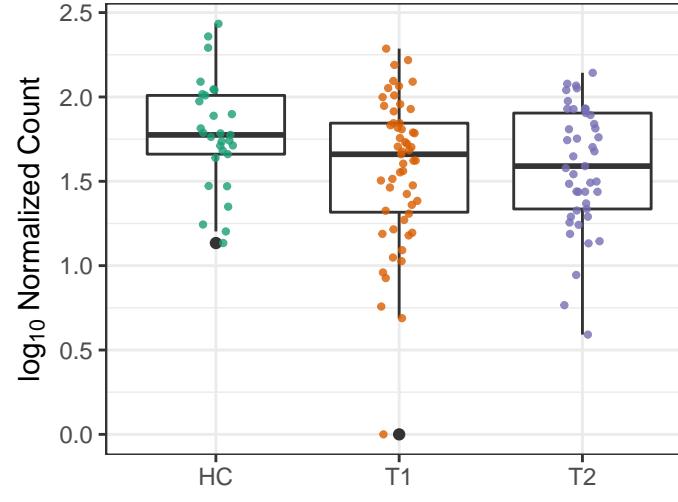
### Curtobacterium

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.92



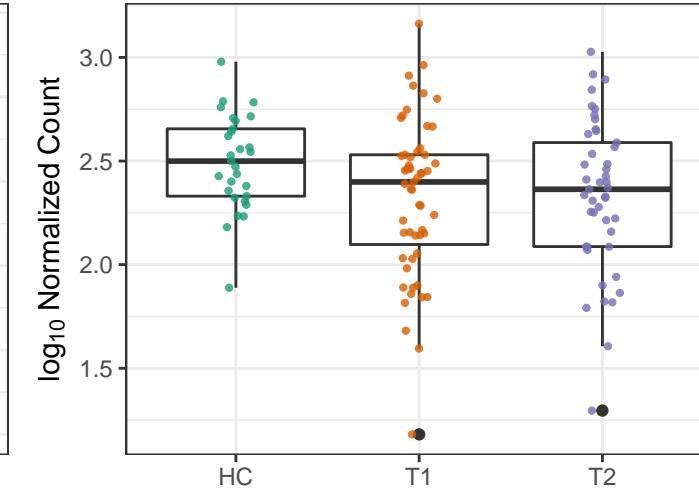
### Athalassotoga

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.94



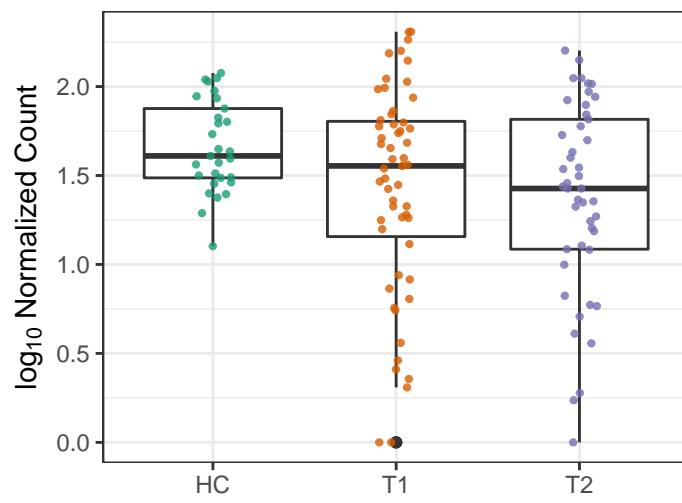
### Ruegeria

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.83



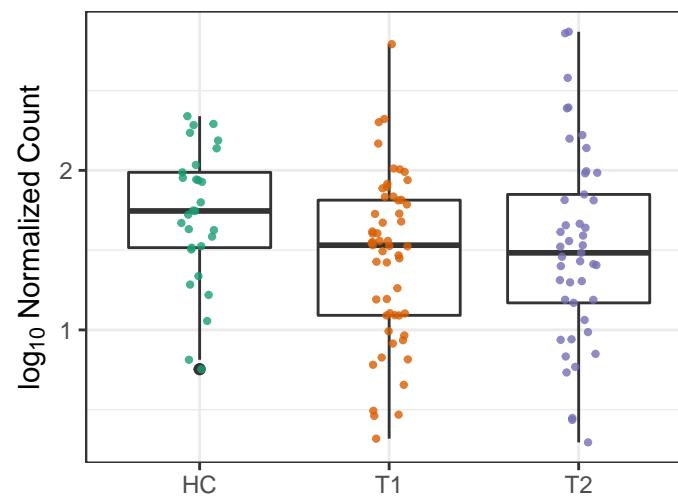
### Unclassified Neisseriales Order

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.91



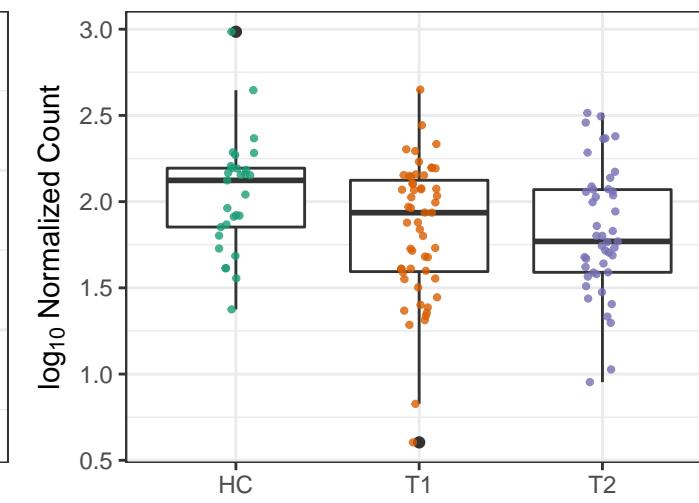
### Lysinimonas

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.83



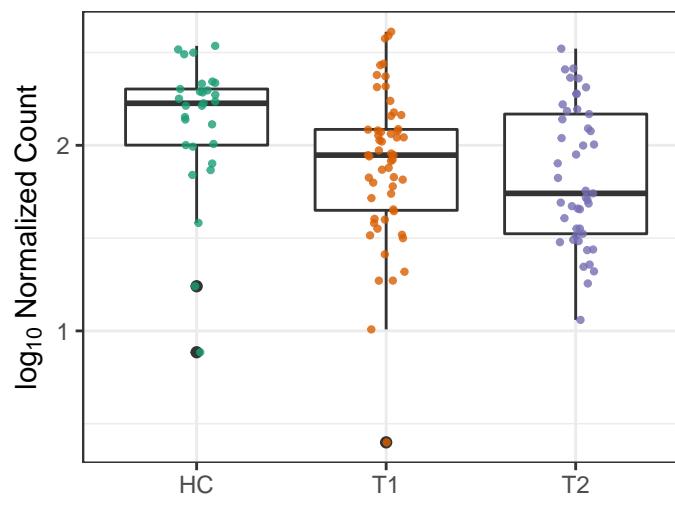
### Suicoccus

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.93



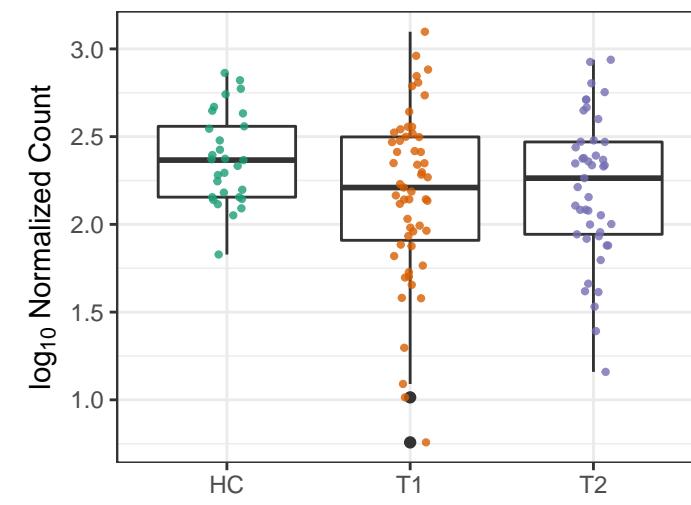
### Sulfolobus

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



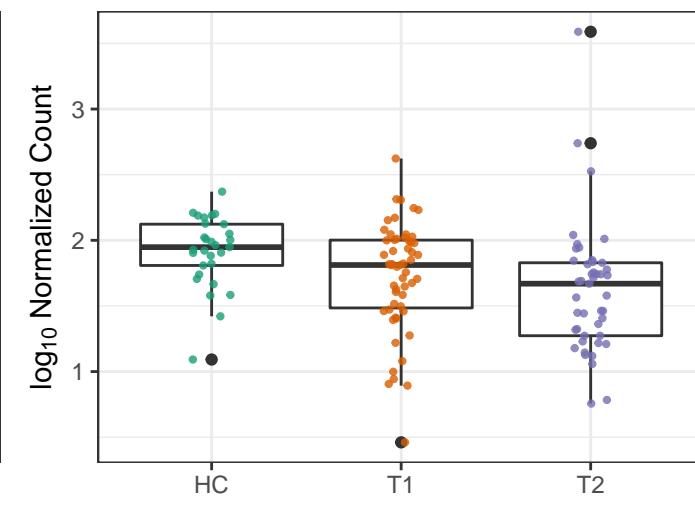
### Thermaaerovibrio

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.8



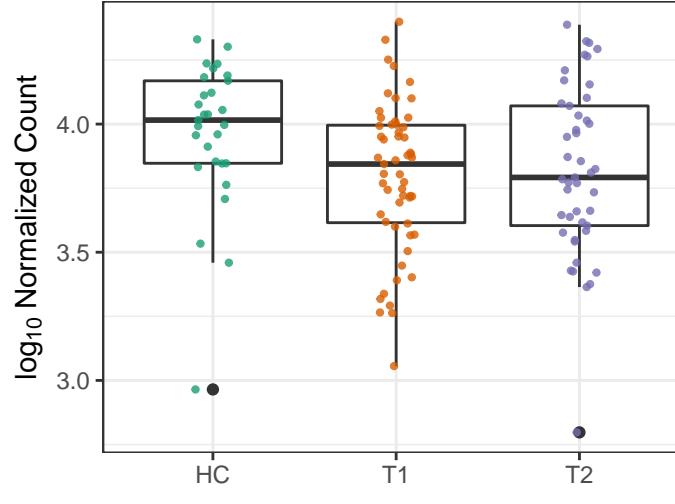
### Unclassified Oceanospirillales Order

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.78



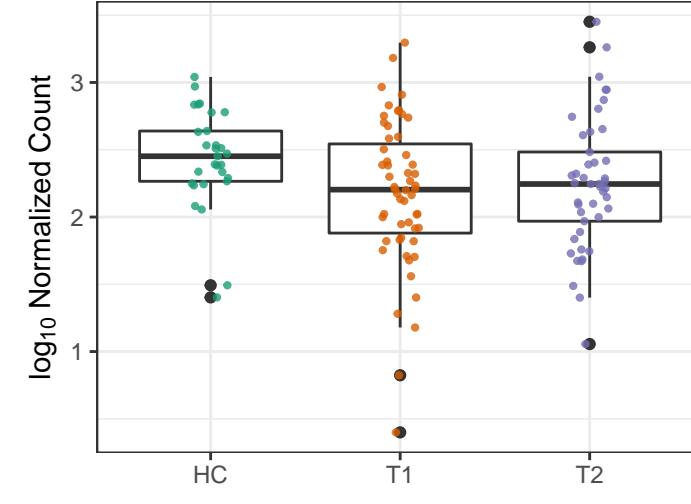
### Butyrivibrio

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.082  
T1 vs. T2 p = 0.85



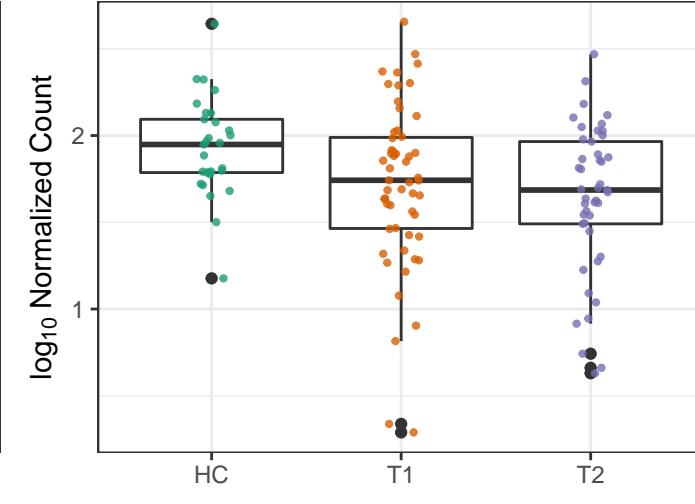
### Cellulosimicrobium

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.8



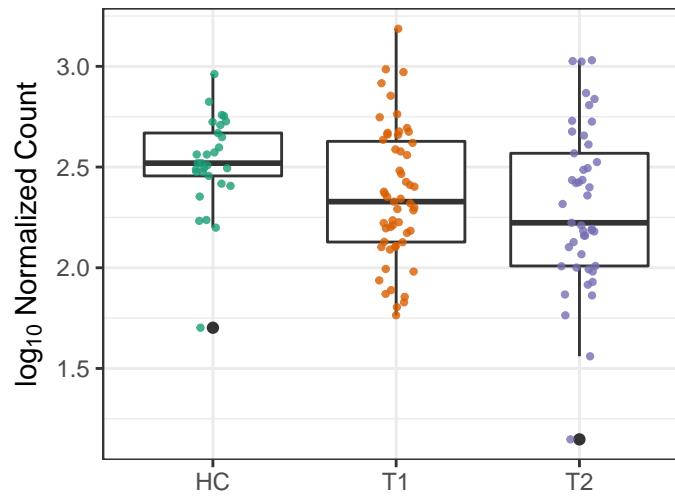
### Halotalea

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.009  
T1 vs. T2 p = 0.82



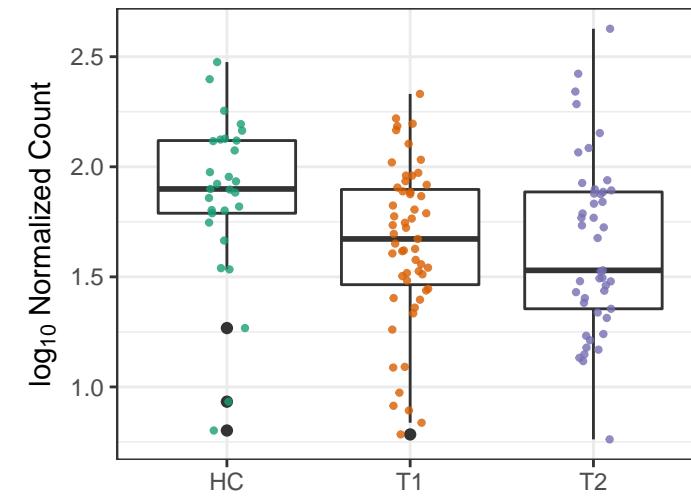
### Methanococcus

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.019  
T1 vs. T2 p = 0.85



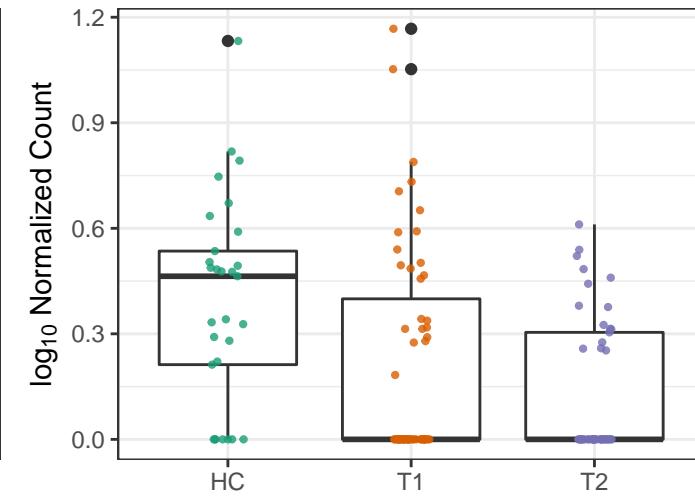
### Rivularia

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.9



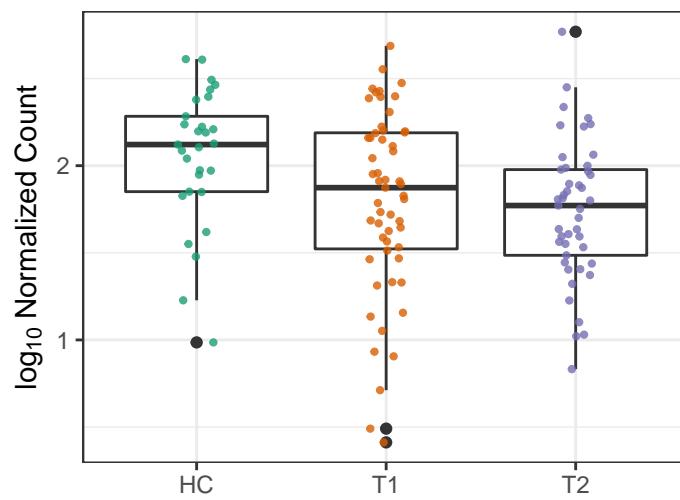
### Unclassified Thermotogaceae Family

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.0049  
T1 vs. T2 p = 0.78



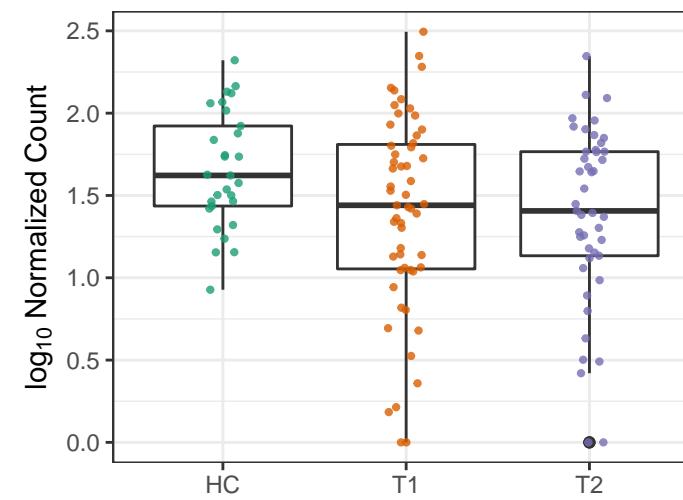
### Aquabacterium

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.012  
T1 vs. T2 p = 0.82



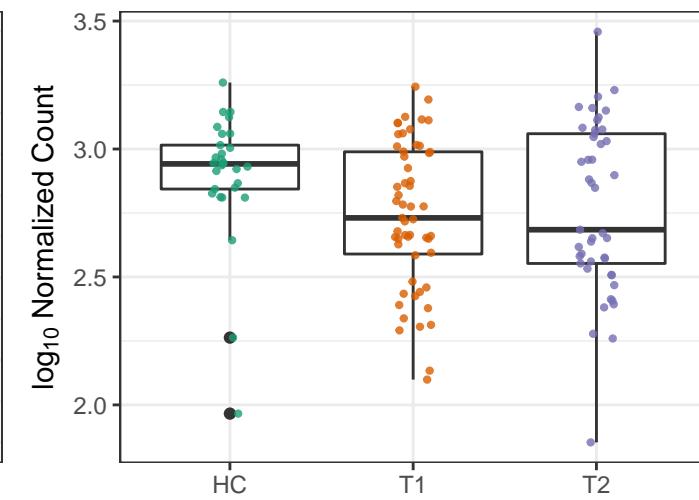
### Unclassified Acidobacteriaceae Family

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 0.99



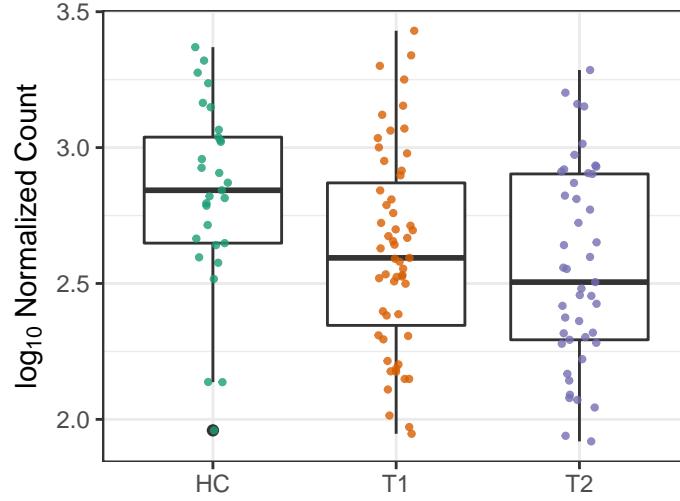
### Calothrix

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.89



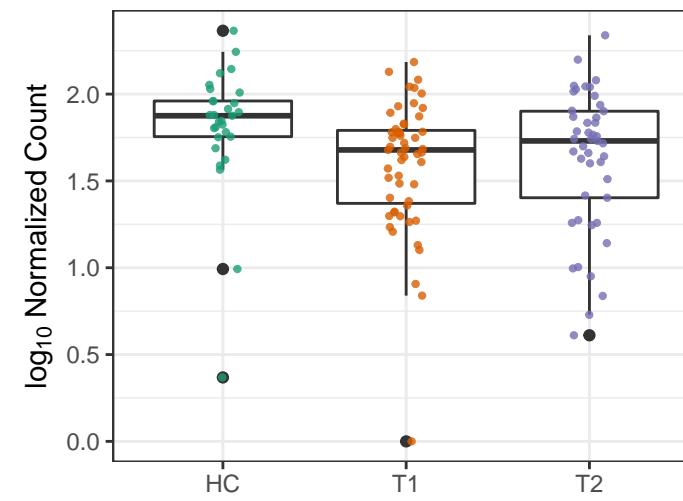
### Buchnera

HC vs. T1 p = 0.028  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.79



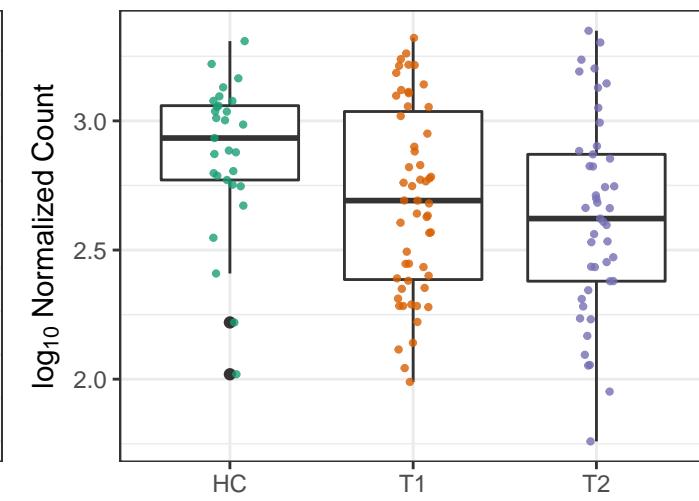
### Unclassified Microcoleaceae Family

HC vs. T1 p = 0.029  
HC vs. T2 p = 0.076  
T1 vs. T2 p = 0.85



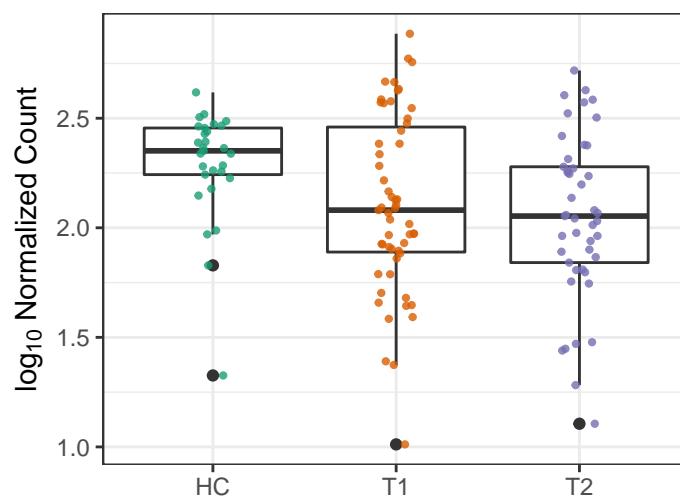
### Brachyspira

HC vs. T1 p = 0.029  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



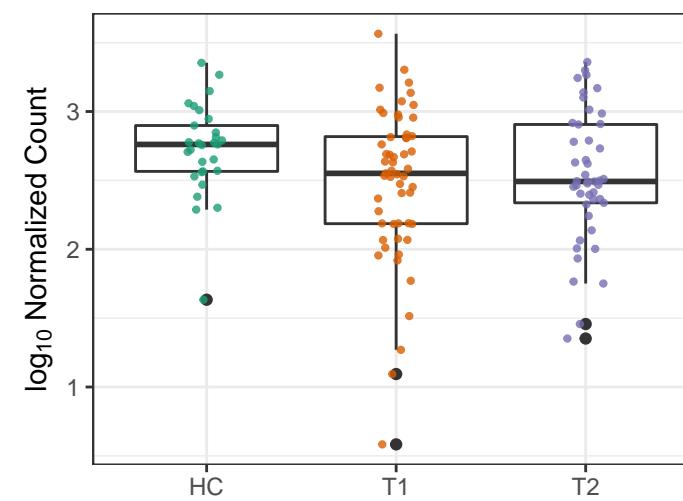
### Unclassified Tissierellaceae Family

HC vs. T1 p = 0.029  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



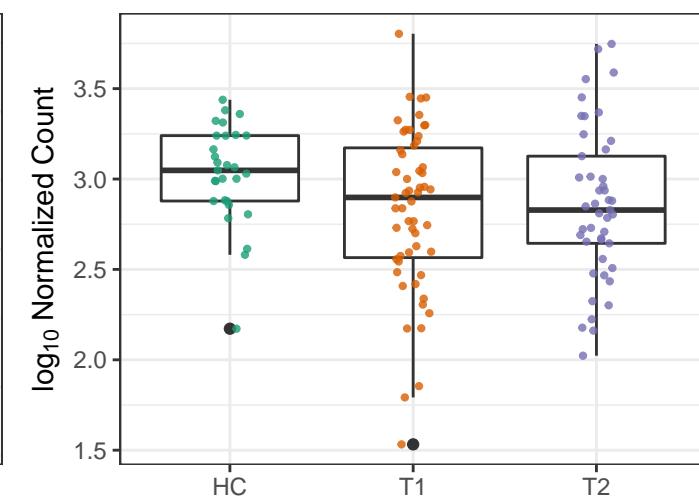
### Saccharothrix

HC vs. T1 p = 0.029  
HC vs. T2 p = 0.067  
T1 vs. T2 p = 0.78



### Frankia

HC vs. T1 p = 0.029  
HC vs. T2 p = 0.066  
T1 vs. T2 p = 0.8

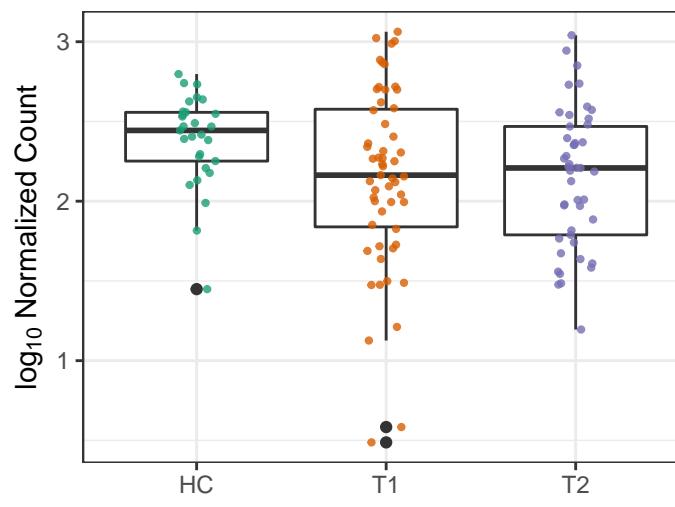


### Sandaracinus

HC vs. T1 p = 0.029

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.91

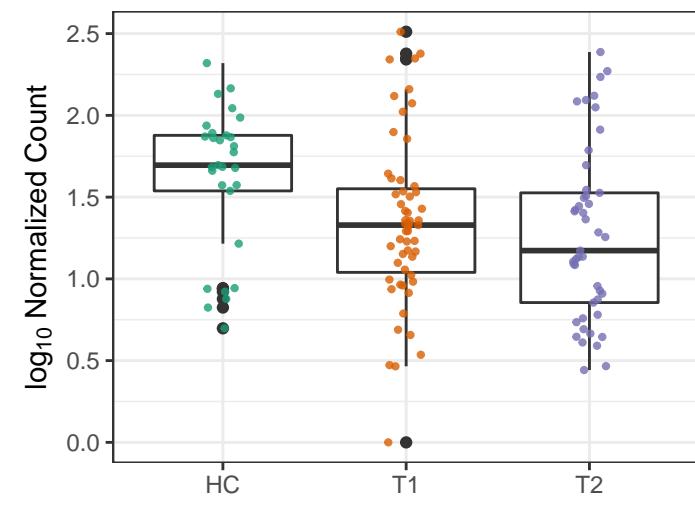


### Unclassified Pelagibacteraceae Family

HC vs. T1 p = 0.029

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

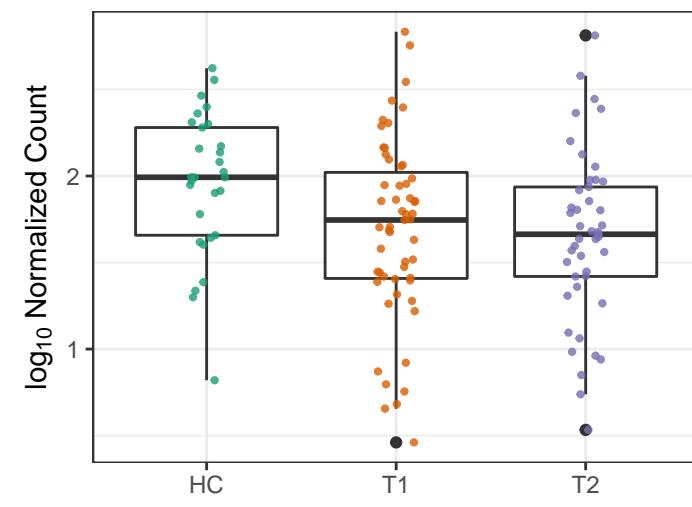


### Silicimonas

HC vs. T1 p = 0.029

HC vs. T2 p = 0.021

T1 vs. T2 p = 1

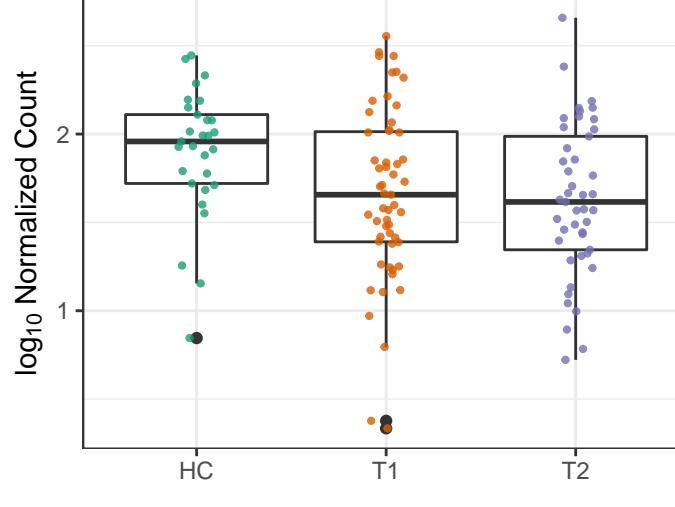


### Petrotoga

HC vs. T1 p = 0.03

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.79

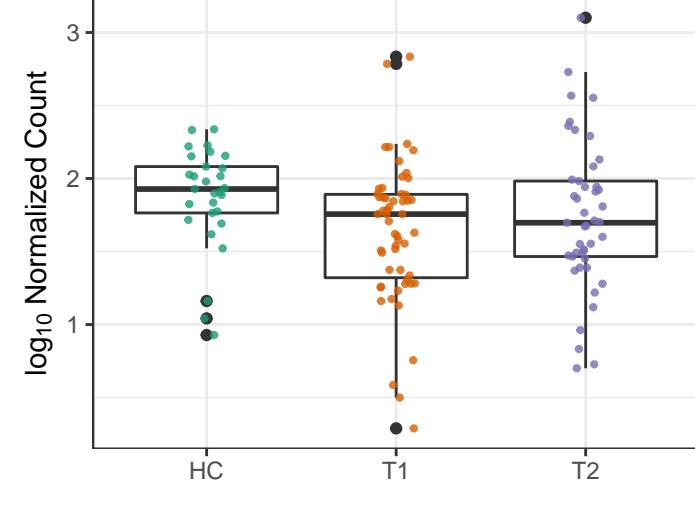


### Oligotropha

HC vs. T1 p = 0.03

HC vs. T2 p = 0.23

T1 vs. T2 p = 0.78

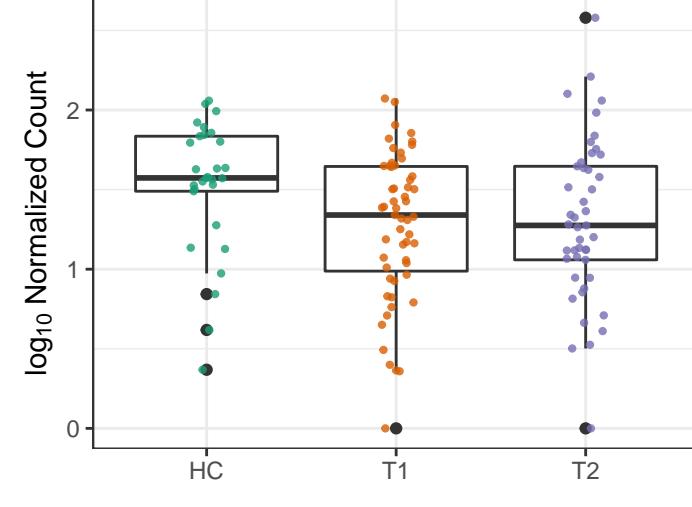


### Persephonella

HC vs. T1 p = 0.03

HC vs. T2 p = 0.083

T1 vs. T2 p = 0.97

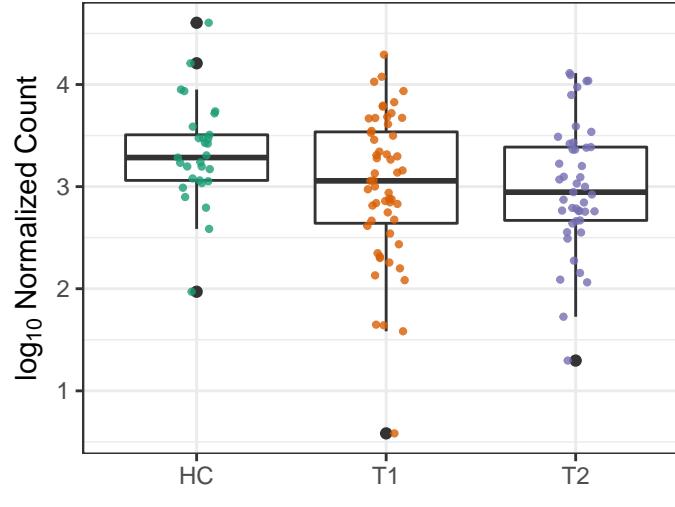


### Libanicoccus

HC vs. T1 p = 0.03

HC vs. T2 p = 0.034

T1 vs. T2 p = 0.83

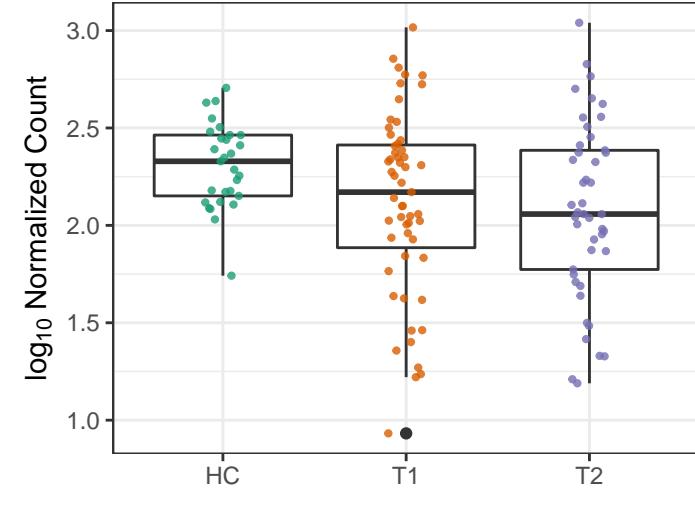


### Labilithrix

HC vs. T1 p = 0.03

HC vs. T2 p = 0.02

T1 vs. T2 p = 0.89

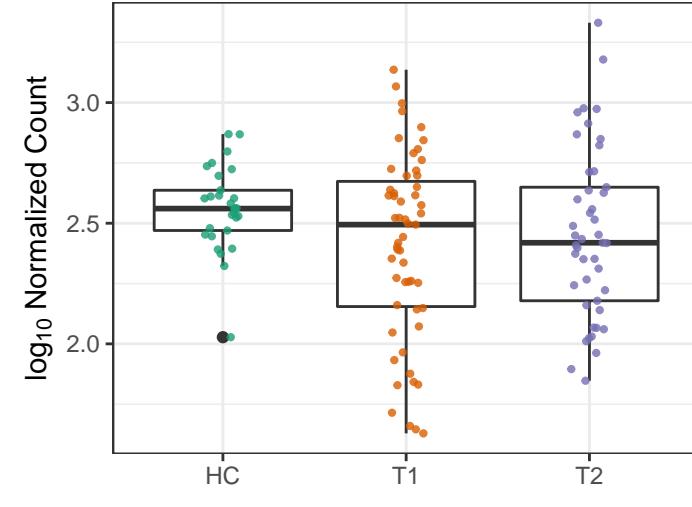


### Acidithiobacillus

HC vs. T1 p = 0.031

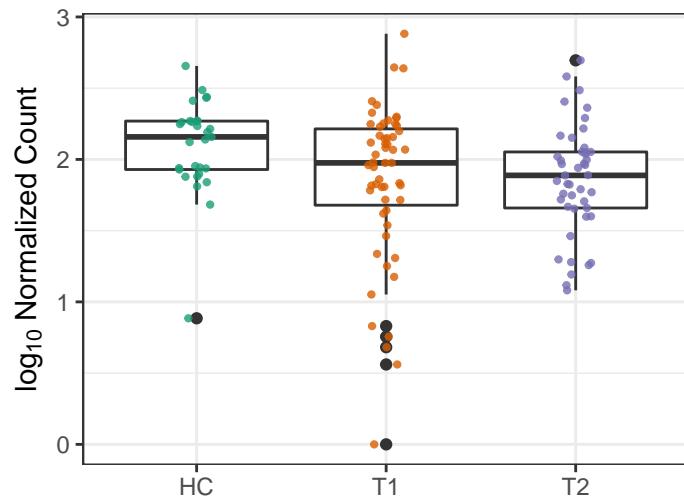
HC vs. T2 p = 0.13

T1 vs. T2 p = 0.78



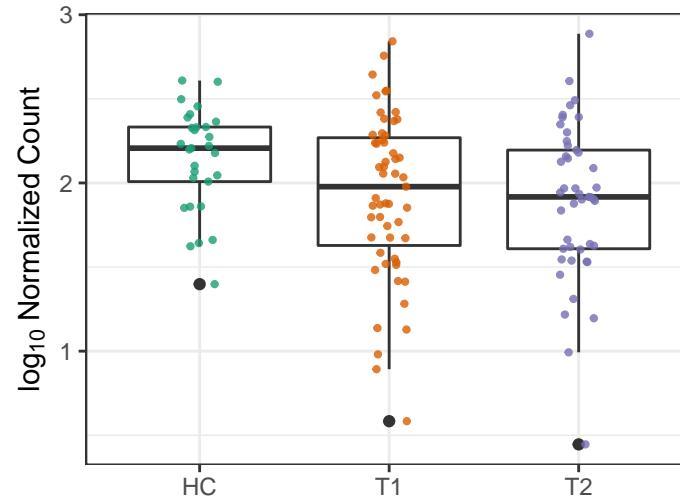
### Robiginitalea

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.97



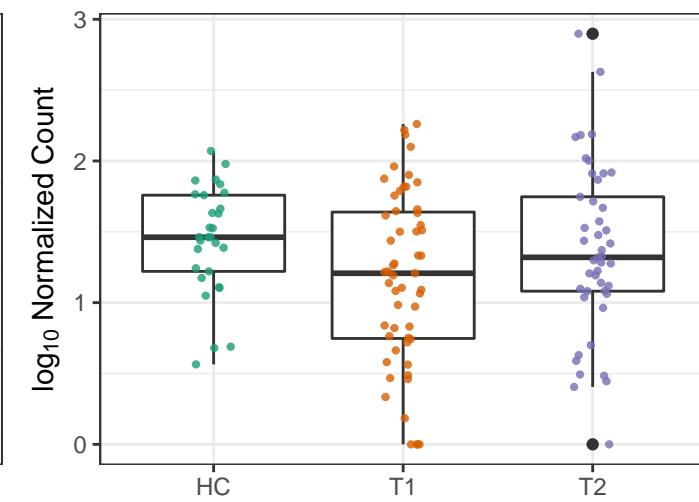
### Sulfuritortus

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.99



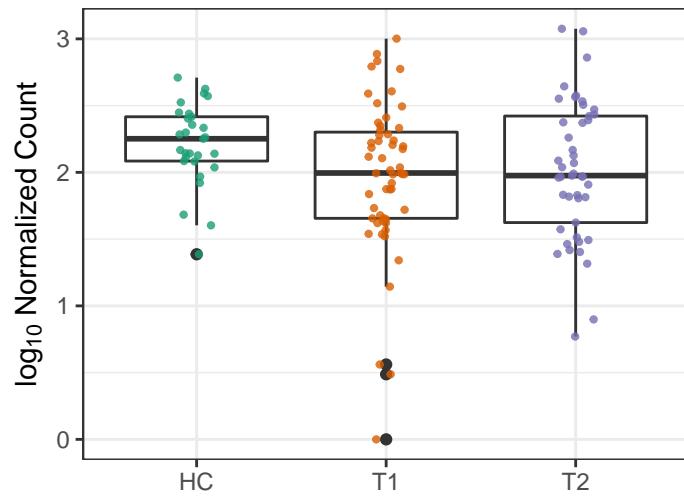
### Picrophilus

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.58  
T1 vs. T2 p = 0.78



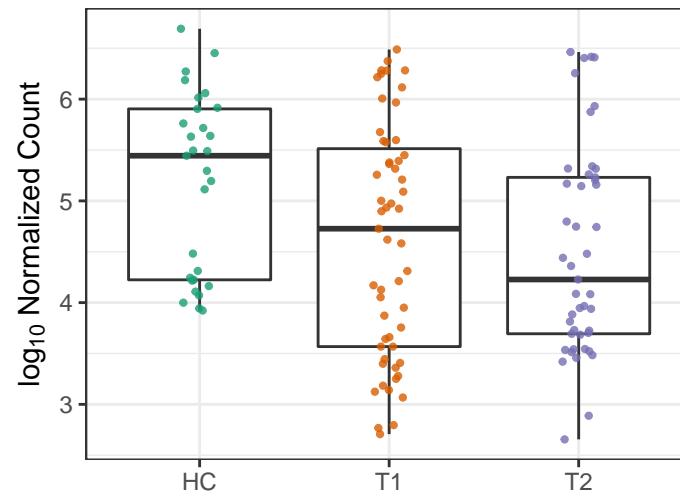
### Kribbella

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.077  
T1 vs. T2 p = 0.78



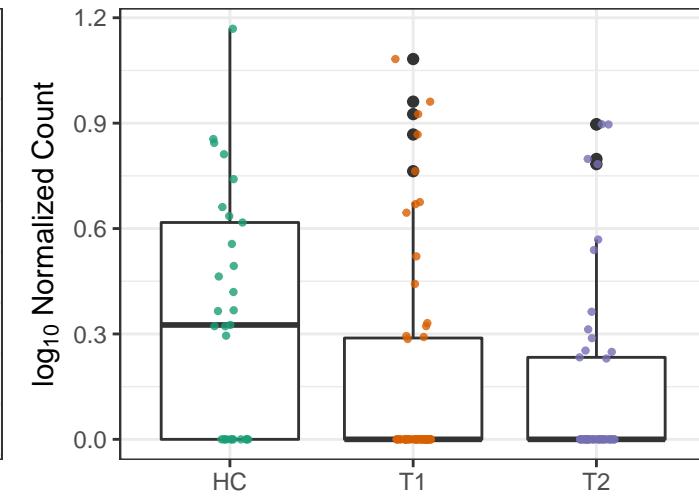
### Collinsella

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.92



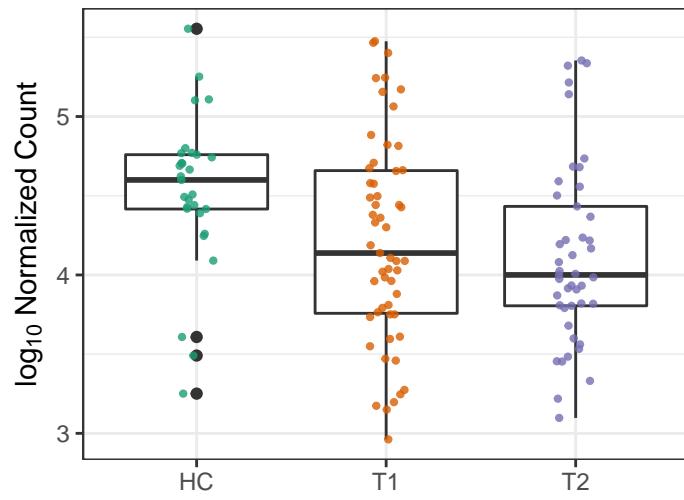
### Unclassified Methanomassiliicoccales C

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.82



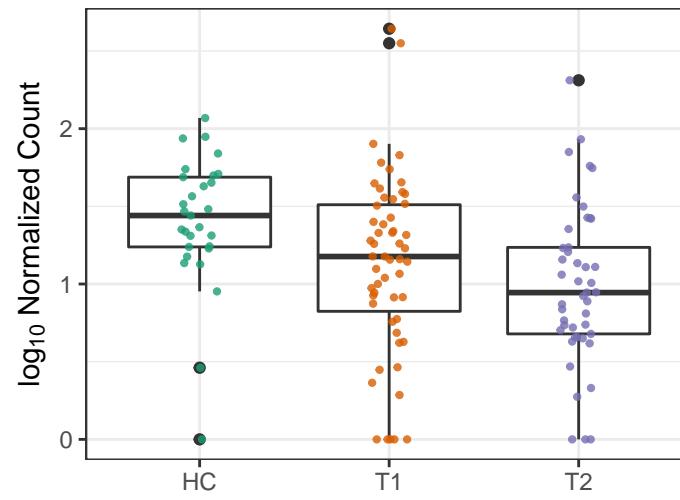
### Lachnospira

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



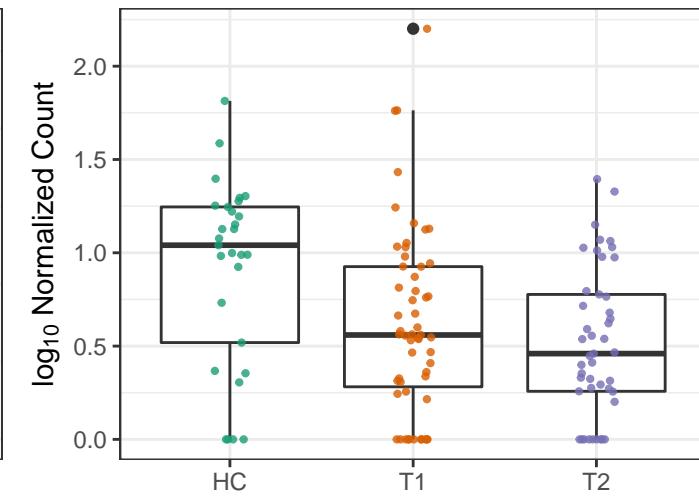
### Methanothermus

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.0061  
T1 vs. T2 p = 0.78



### Unclassified Borreliaceae Family

HC vs. T1 p = 0.031  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.79

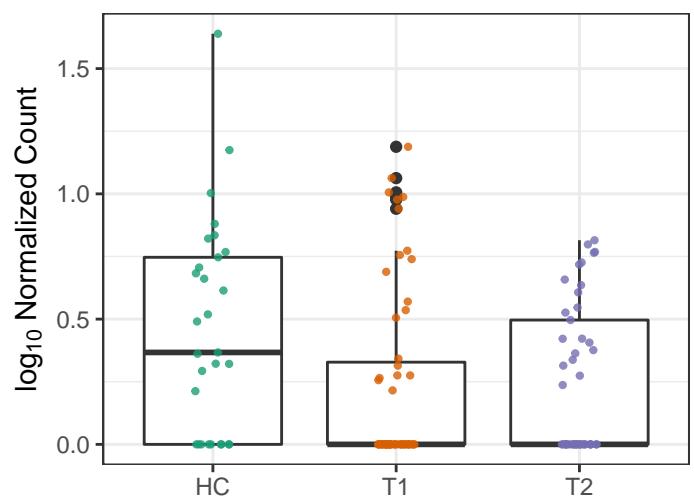


### Unclassified Rhabdoviridae Family

HC vs. T1 p = 0.031

HC vs. T2 p = 0.046

T1 vs. T2 p = 0.78

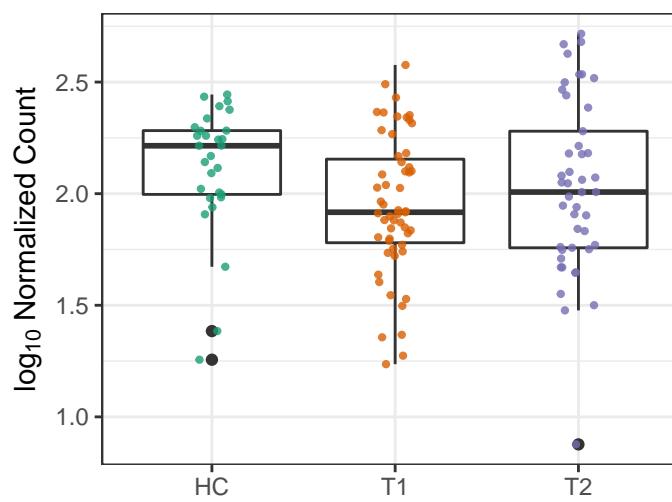


### Terribacillus

HC vs. T1 p = 0.031

HC vs. T2 p = 0.33

T1 vs. T2 p = 0.78

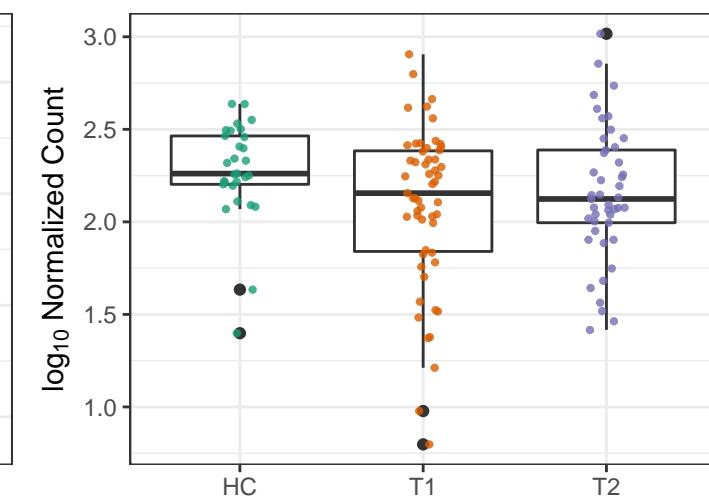


### Desulfurispirillum

HC vs. T1 p = 0.032

HC vs. T2 p = 0.14

T1 vs. T2 p = 0.78

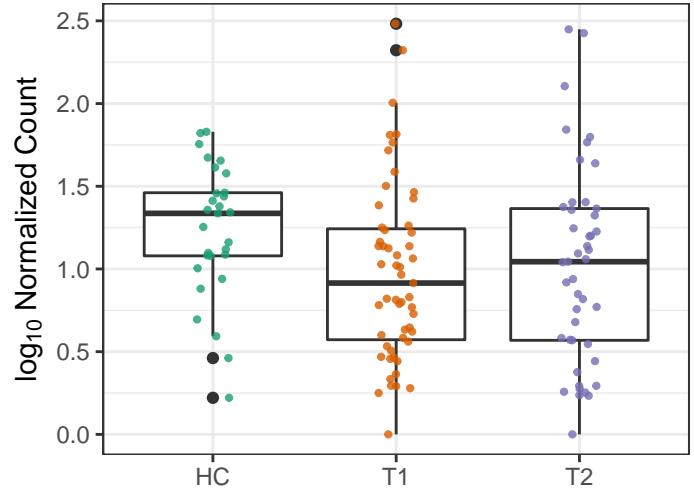


### Stygiolobus

HC vs. T1 p = 0.032

HC vs. T2 p = 0.11

T1 vs. T2 p = 1

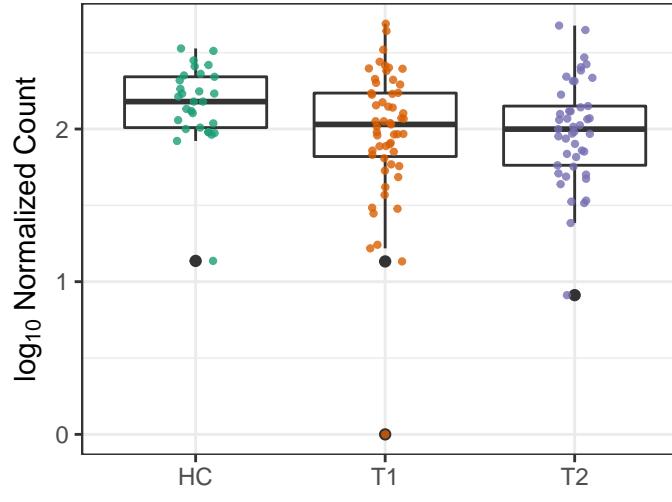


### Nesterenkonia

HC vs. T1 p = 0.032

HC vs. T2 p = 0.037

T1 vs. T2 p = 0.87

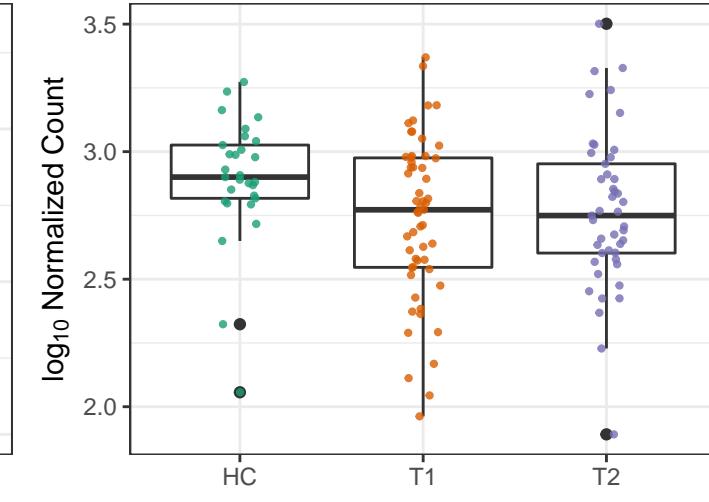


### Thermoclostridium

HC vs. T1 p = 0.032

HC vs. T2 p = 0.093

T1 vs. T2 p = 0.81

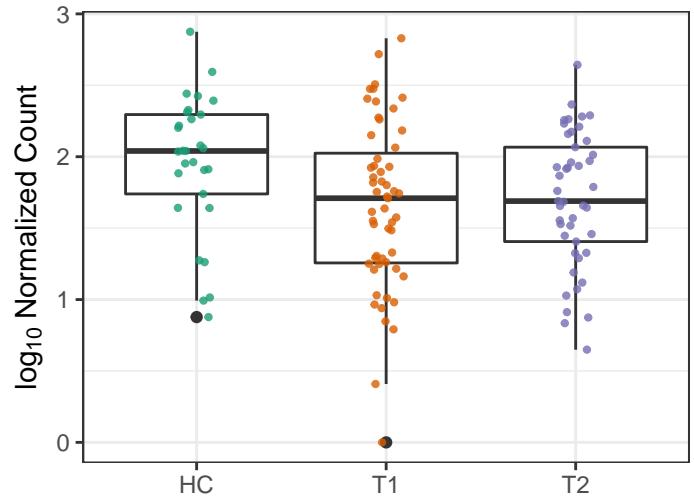


### Oerskovia

HC vs. T1 p = 0.032

HC vs. T2 p = 0.058

T1 vs. T2 p = 0.84

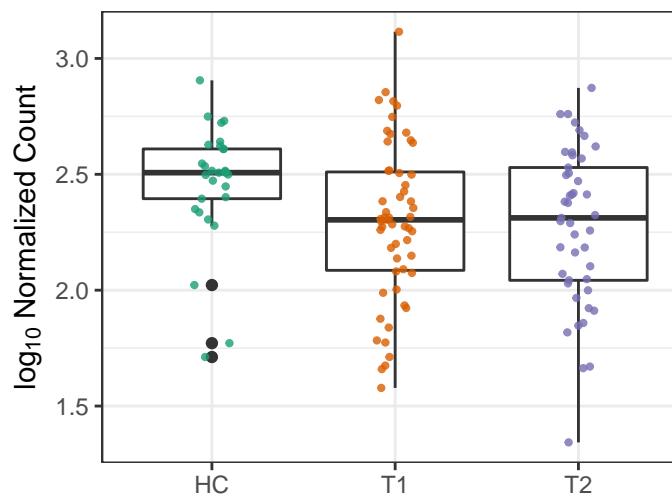


### Unclassified Cyanobacteria Phylum

HC vs. T1 p = 0.032

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.89

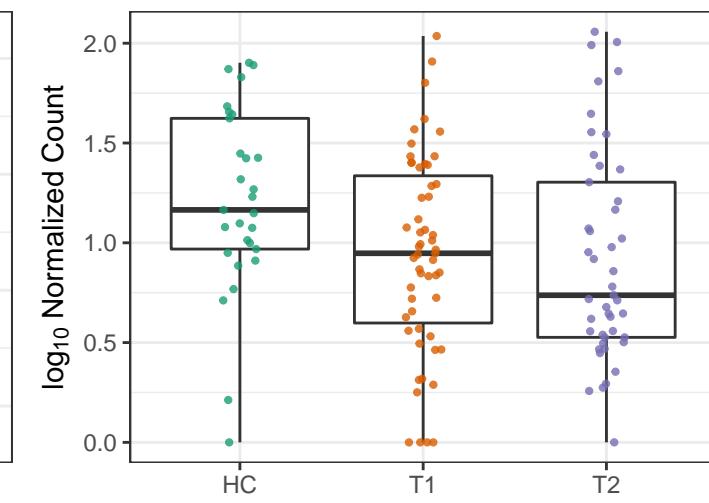


### Wigglesworthia

HC vs. T1 p = 0.032

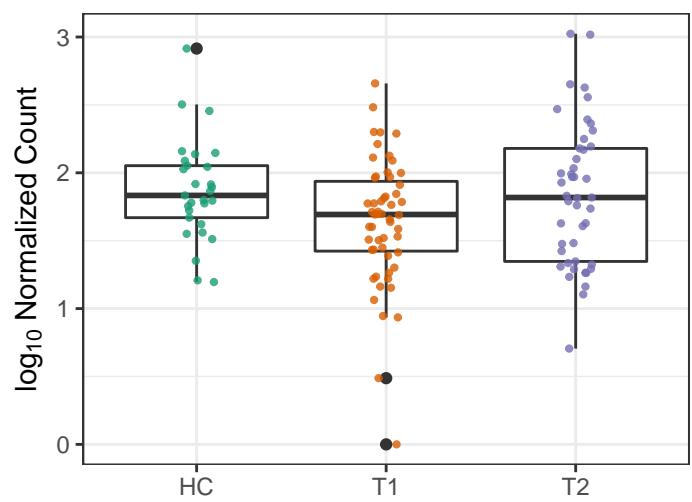
HC vs. T2 p = 0.038

T1 vs. T2 p = 0.92



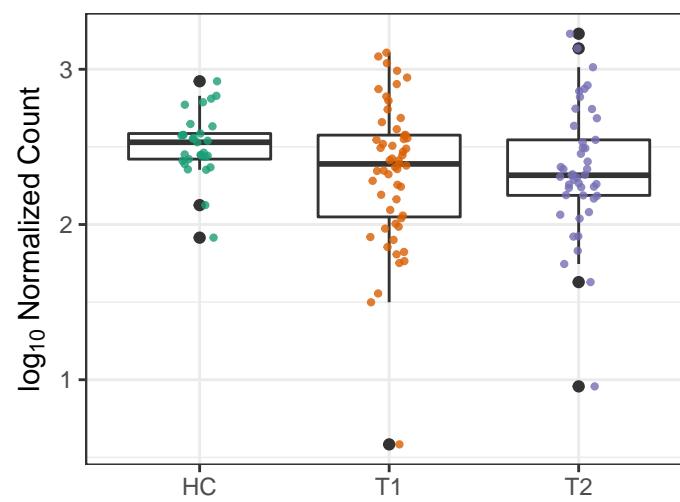
### Georhizobium

HC vs. T1 p = 0.032  
HC vs. T2 p = 0.79  
T1 vs. T2 p = 0.64



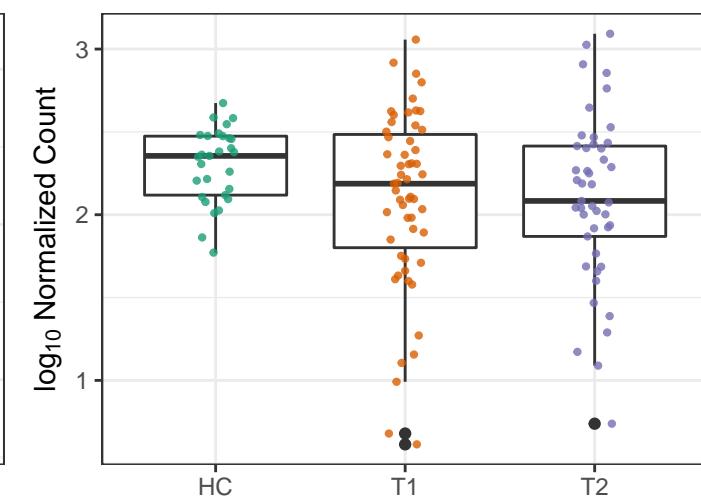
### Porphyrobacter

HC vs. T1 p = 0.033  
HC vs. T2 p = 0.055  
T1 vs. T2 p = 0.9



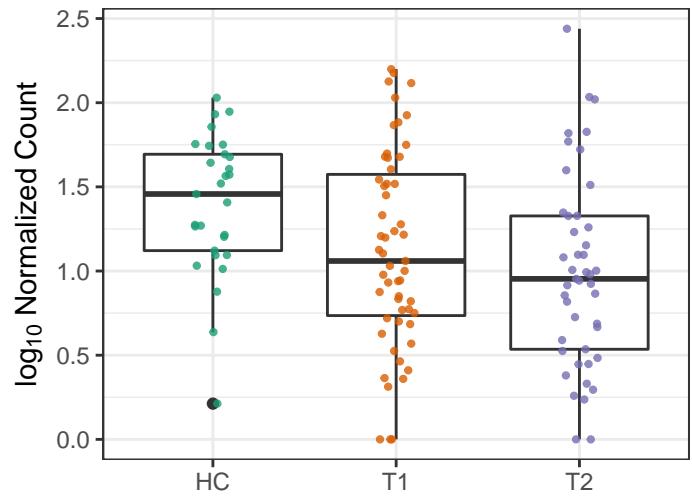
### Stella

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.85



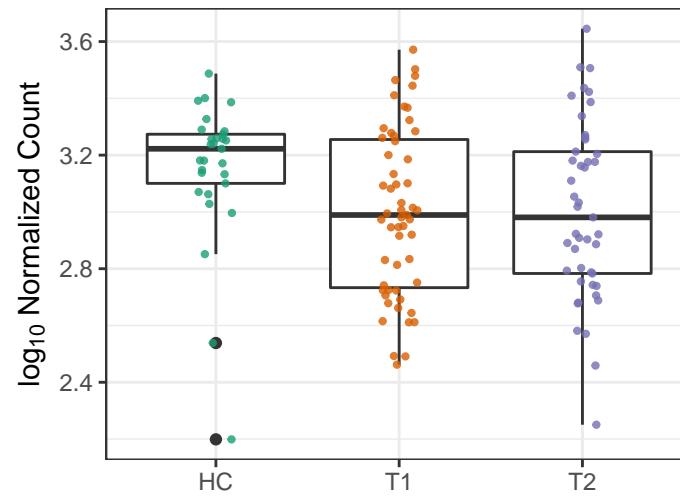
### Unclassified Syntrophomonadaceae Fa

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.0084  
T1 vs. T2 p = 0.78



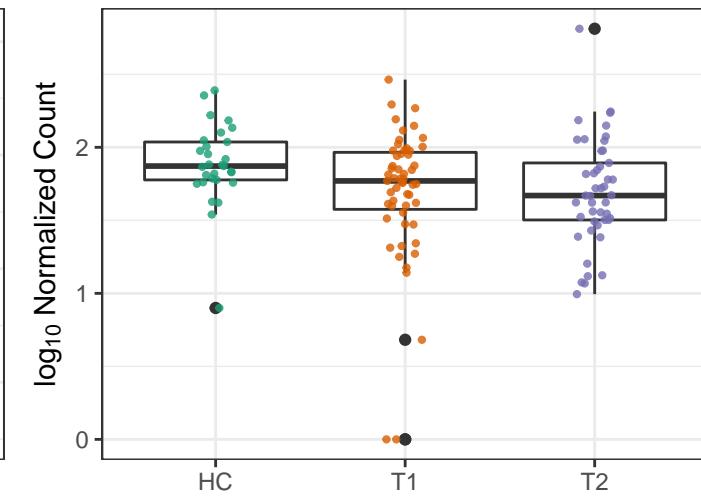
### Unclassified Bacillaceae Family

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.97



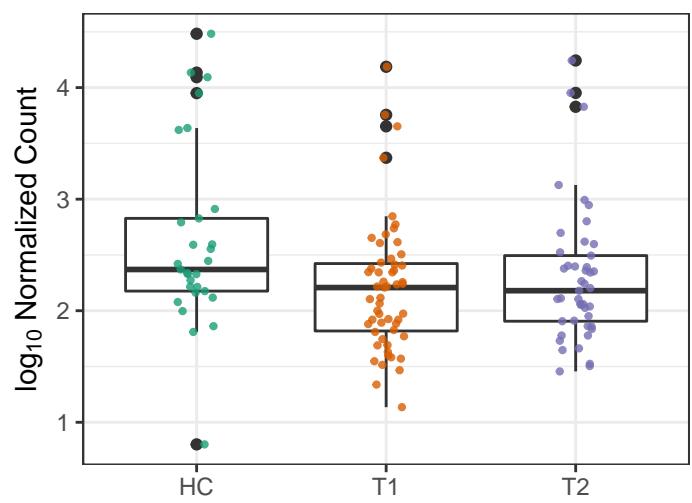
### Pseudohongiella

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.86



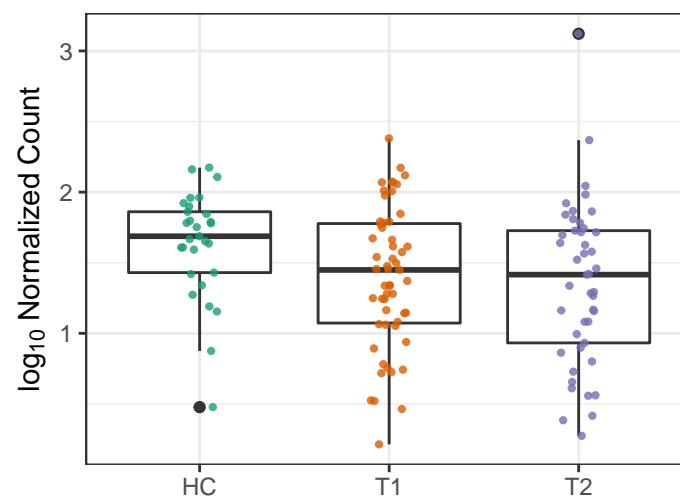
### Oxalobacter

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.85



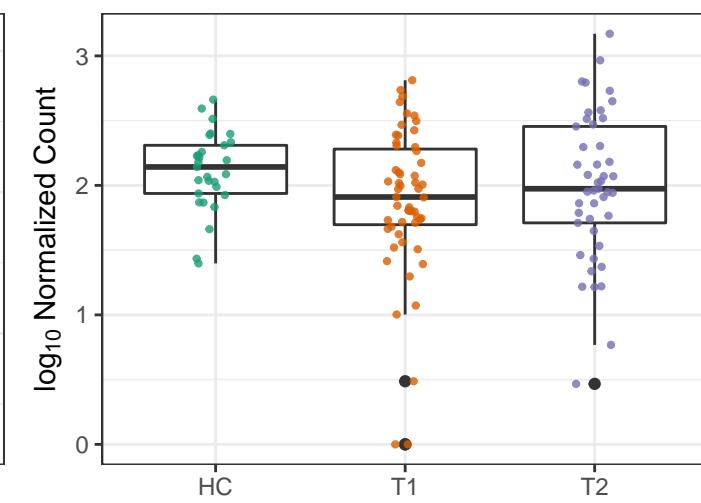
### Paraphotobacterium

HC vs. T1 p = 0.034  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.78



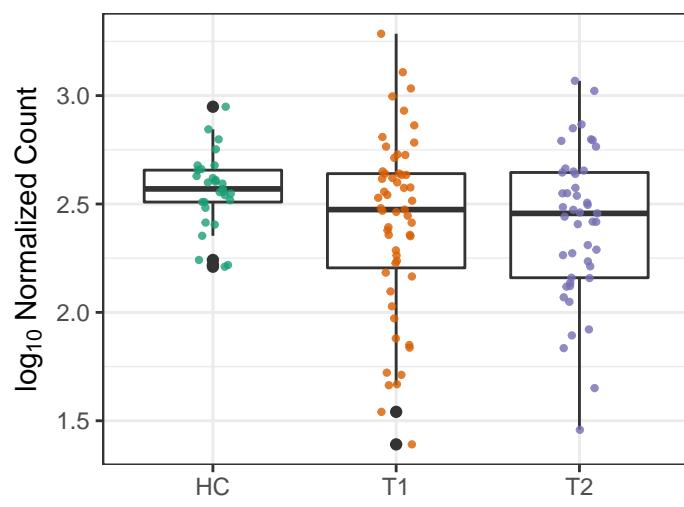
### Blastococcus

HC vs. T1 p = 0.035  
HC vs. T2 p = 0.3  
T1 vs. T2 p = 0.78



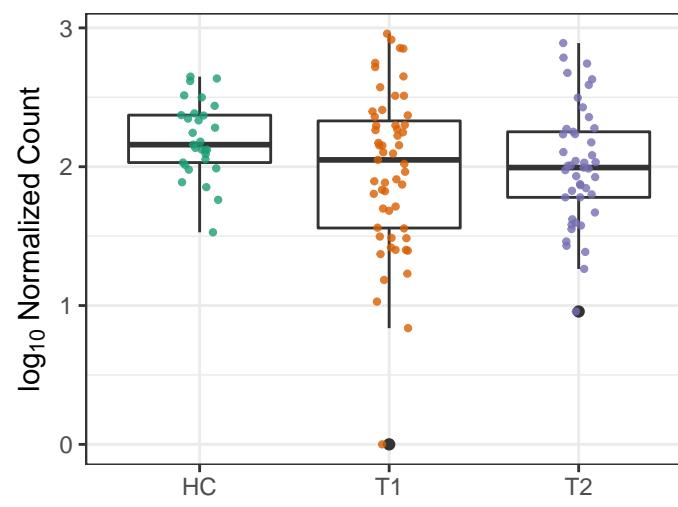
### Desulfococcus

HC vs. T1 p = 0.035  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.86



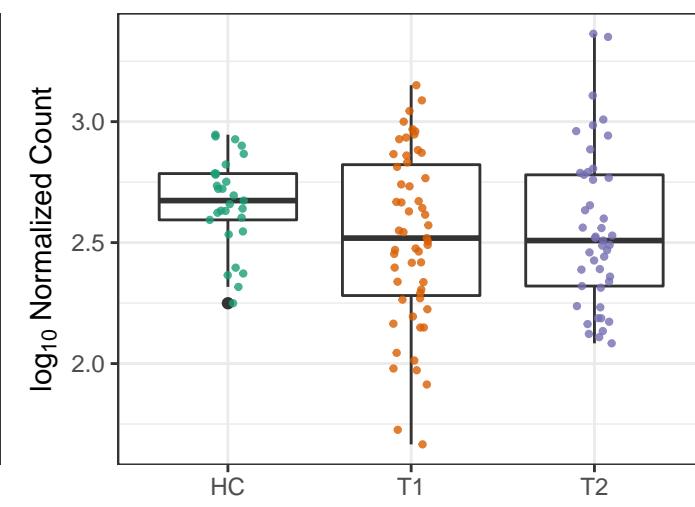
### Unclassified Myxococcaceae Family

HC vs. T1 p = 0.035  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 0.78



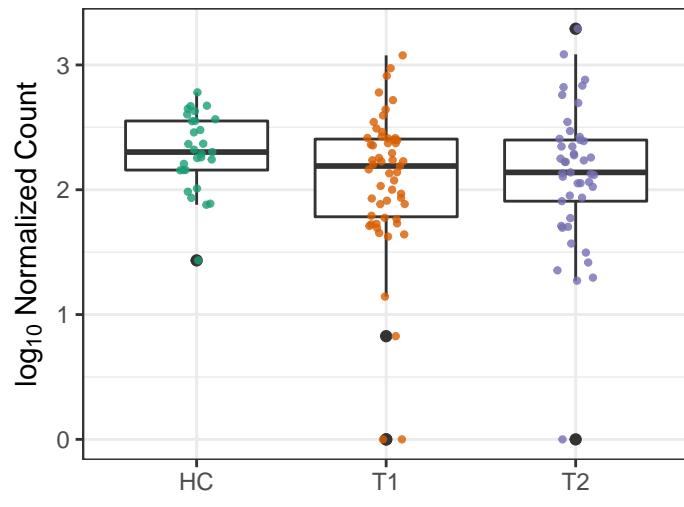
### Syntrophobotulus

HC vs. T1 p = 0.035  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.82



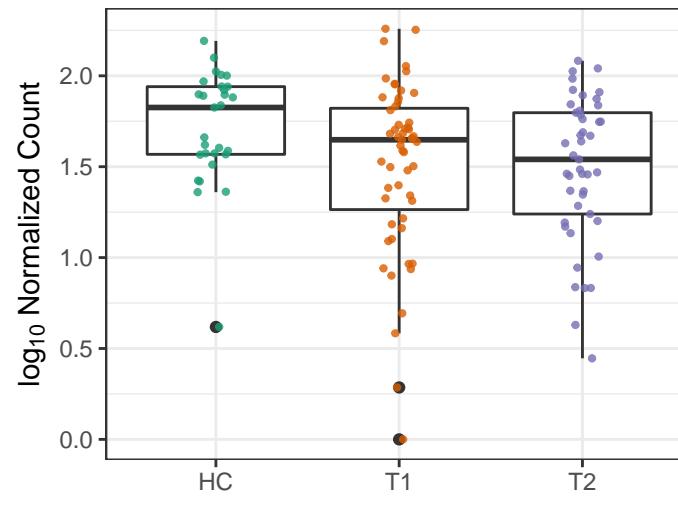
### Sphaerobacter

HC vs. T1 p = 0.035  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.79



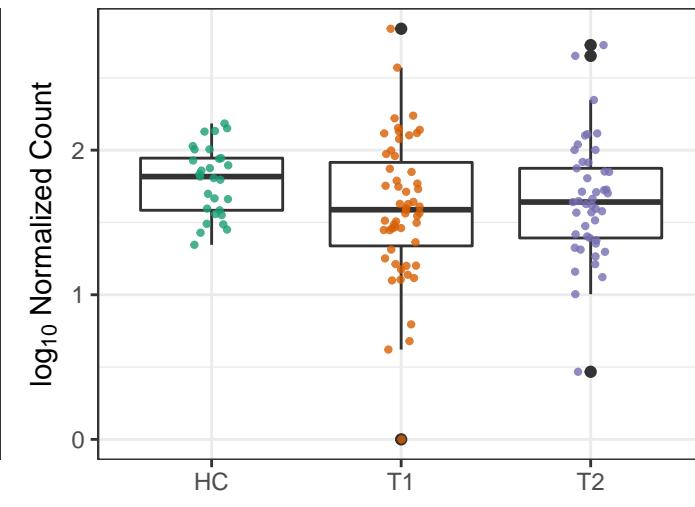
### Candidatus Puniceispirillum

HC vs. T1 p = 0.036  
HC vs. T2 p = 0.026  
T1 vs. T2 p = 0.88



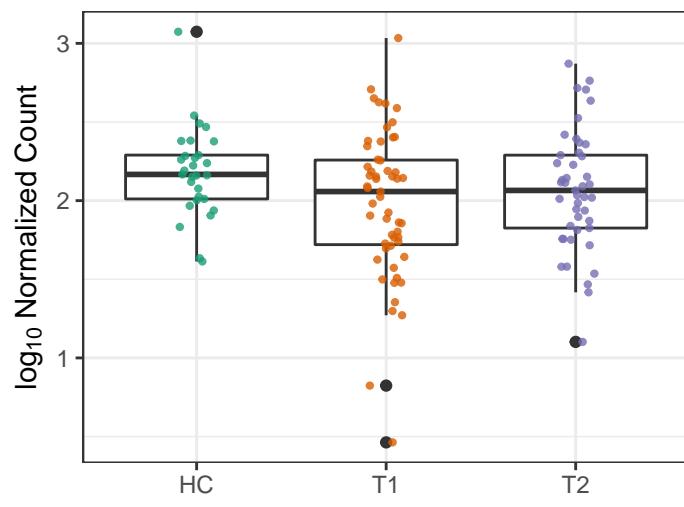
### Oceanisphaera

HC vs. T1 p = 0.036  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.78



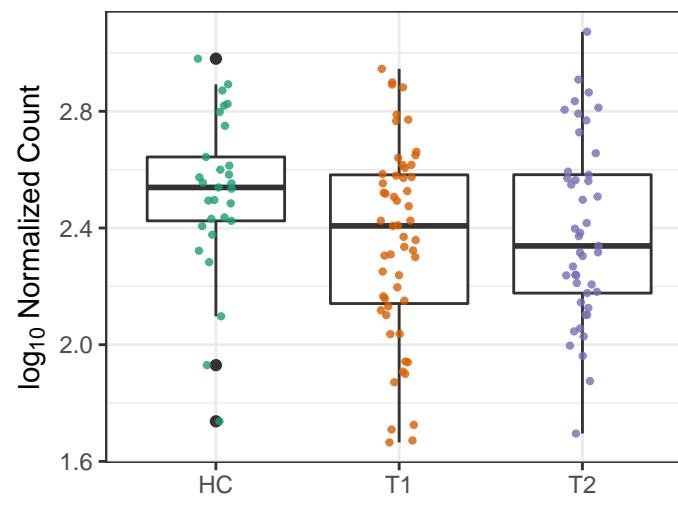
### Guyparkeria

HC vs. T1 p = 0.036  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.78



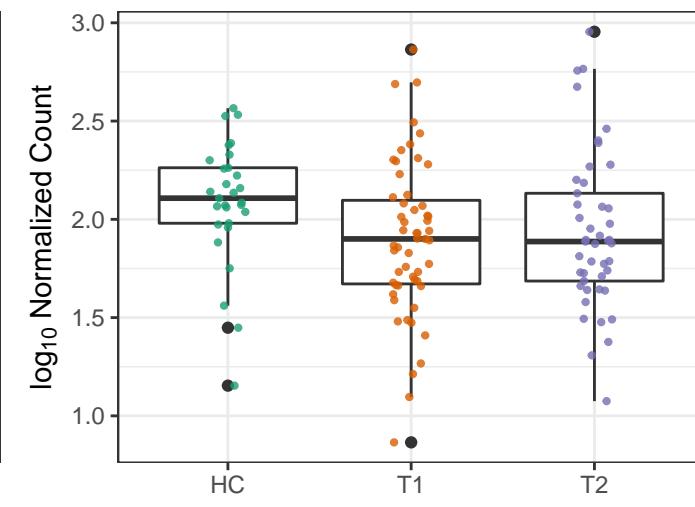
### Colwellia

HC vs. T1 p = 0.036  
HC vs. T2 p = 0.093  
T1 vs. T2 p = 0.92



### Glaesserella

HC vs. T1 p = 0.036  
HC vs. T2 p = 0.098  
T1 vs. T2 p = 0.87

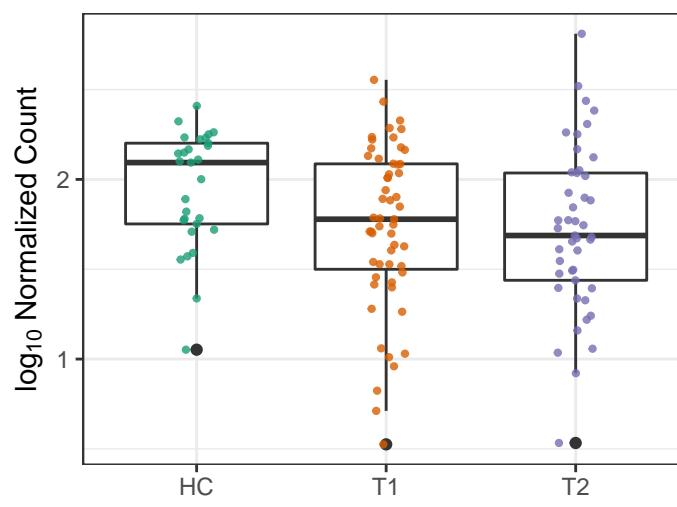


### Pseudogulbenkiania

HC vs. T1 p = 0.036

HC vs. T2 p = 0.036

T1 vs. T2 p = 1

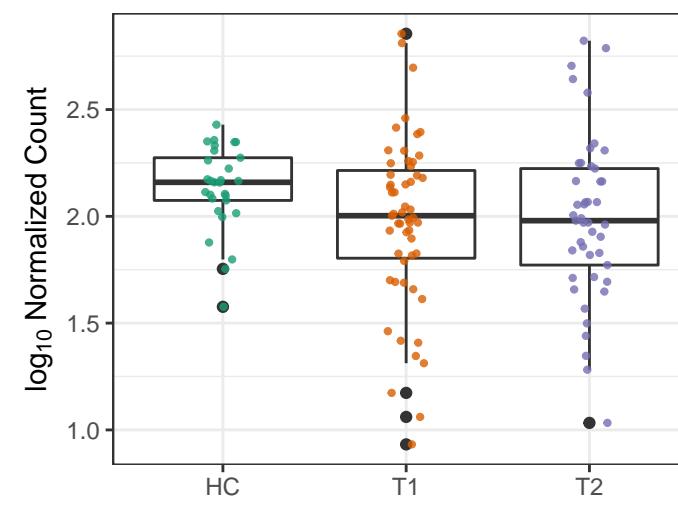


### Sulfurovum

HC vs. T1 p = 0.036

HC vs. T2 p = 0.069

T1 vs. T2 p = 0.91

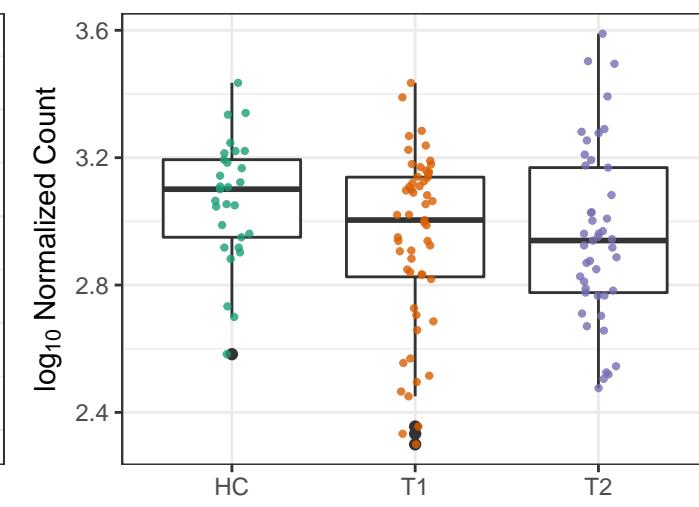


### Dickeya

HC vs. T1 p = 0.036

HC vs. T2 p = 0.072

T1 vs. T2 p = 0.8

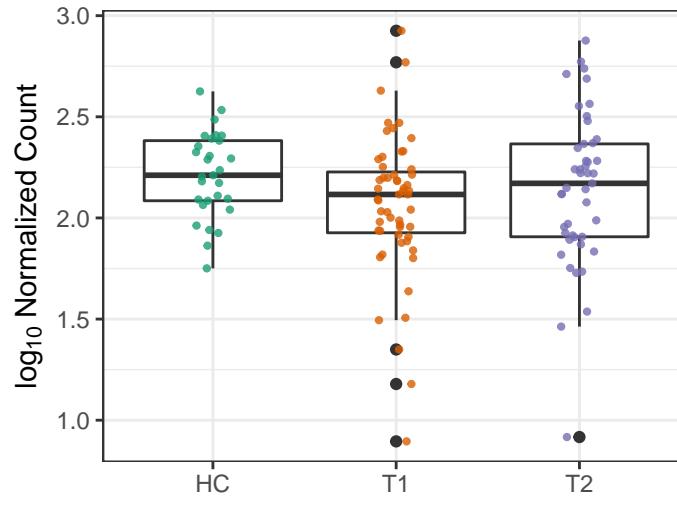


### Thermoactinomyces

HC vs. T1 p = 0.036

HC vs. T2 p = 0.37

T1 vs. T2 p = 0.78

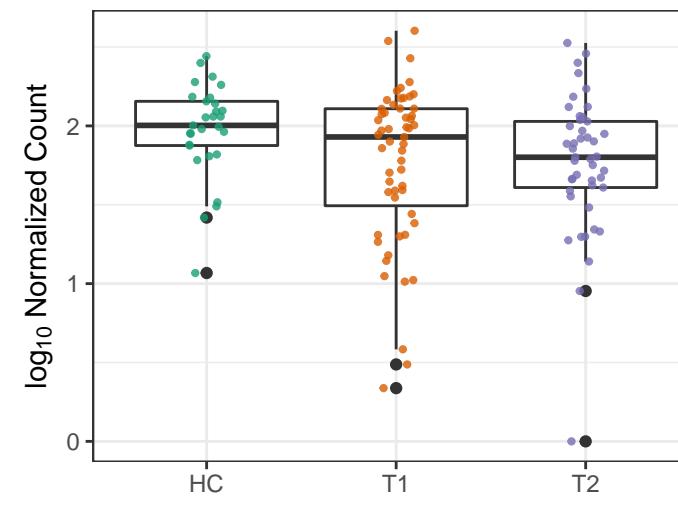


### Desulfobacca

HC vs. T1 p = 0.036

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.96

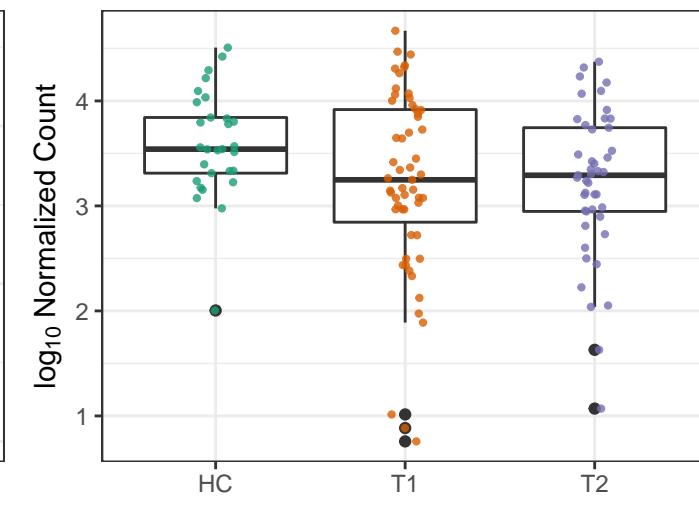


### Unclassified Coriobacteriia Class

HC vs. T1 p = 0.036

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.85

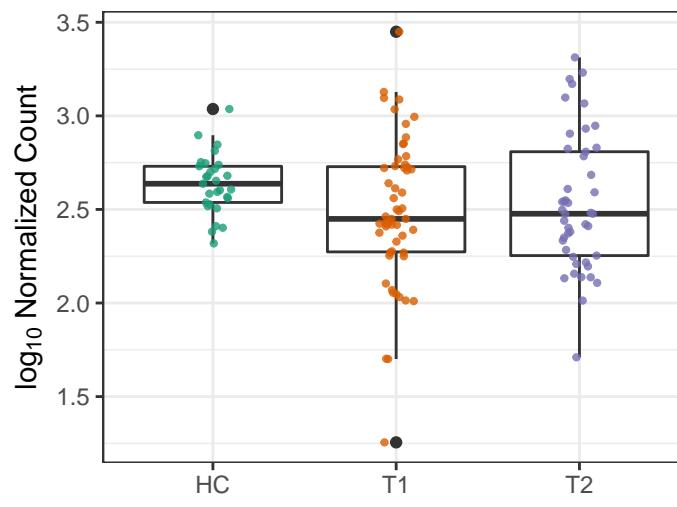


### Nitrospira

HC vs. T1 p = 0.037

HC vs. T2 p = 0.14

T1 vs. T2 p = 0.78

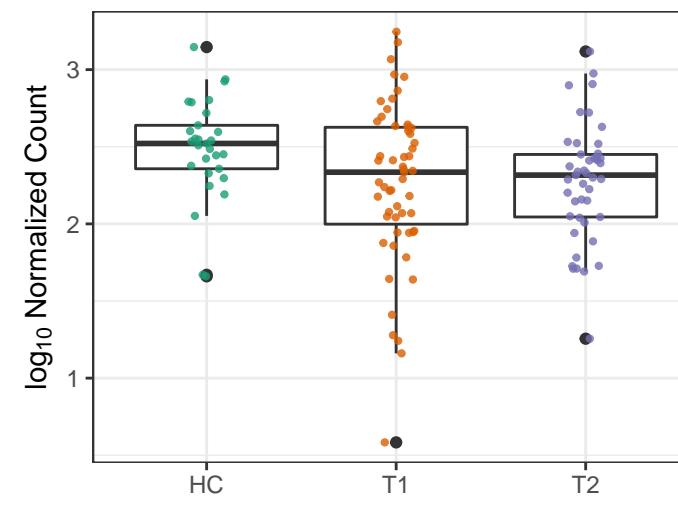


### Ramlibacter

HC vs. T1 p = 0.037

HC vs. T2 p = 0.031

T1 vs. T2 p = 0.88

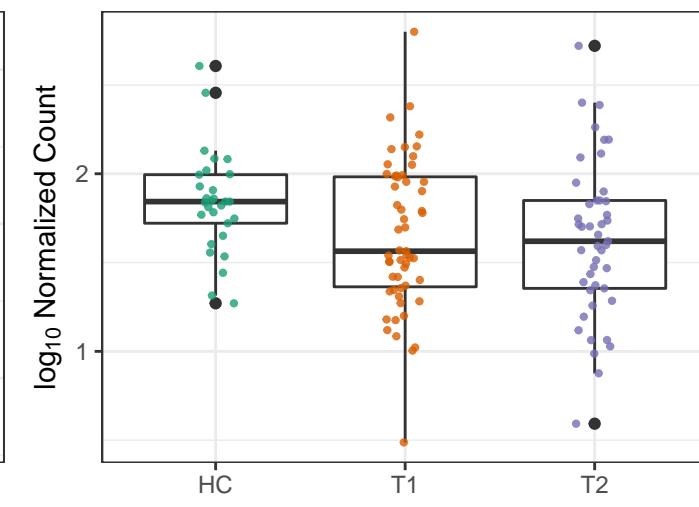


### Unclassified Rhodocyclaceae Family

HC vs. T1 p = 0.037

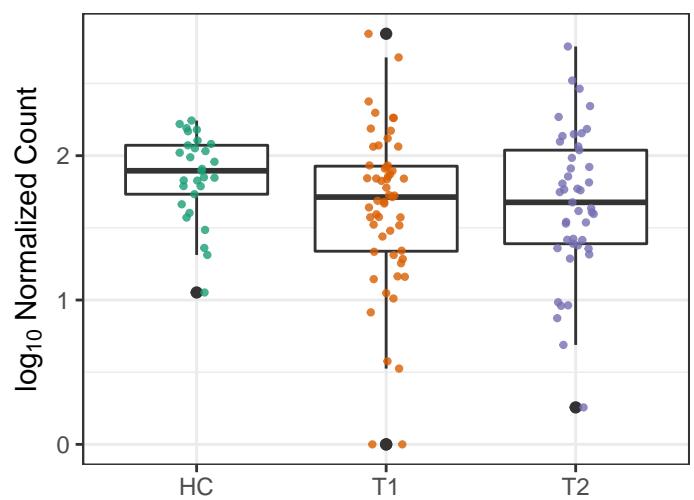
HC vs. T2 p = 0.033

T1 vs. T2 p = 0.99



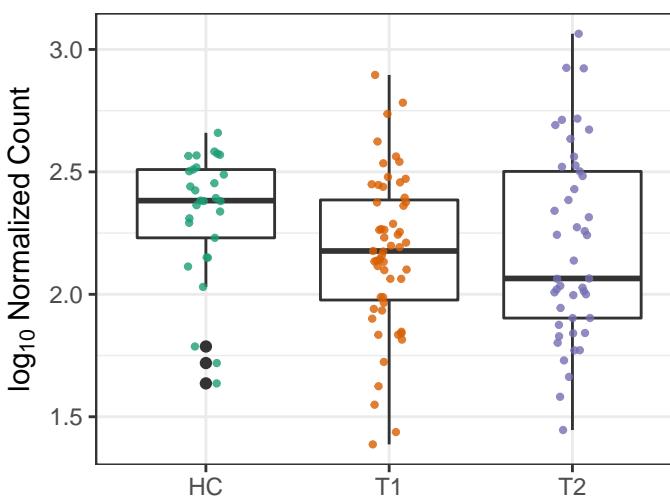
### Jatrophihabitans

HC vs. T1 p = 0.037  
HC vs. T2 p = 0.085  
T1 vs. T2 p = 0.85



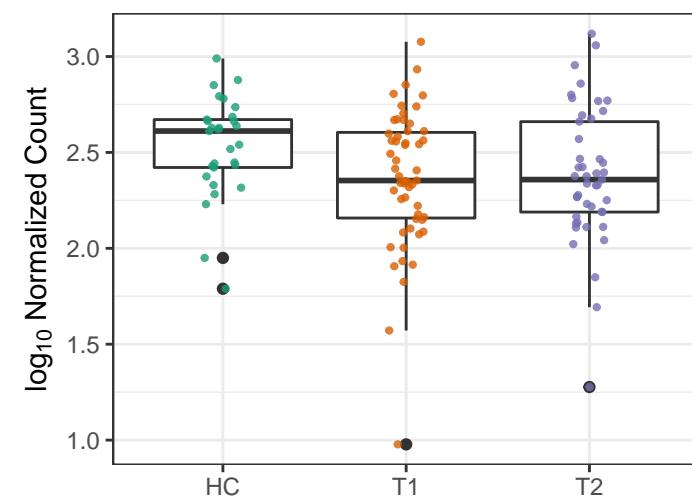
### Botrytis

HC vs. T1 p = 0.037  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.99



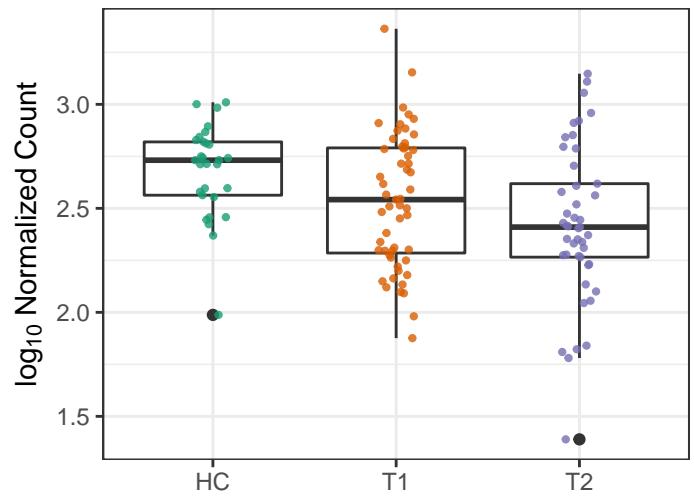
### Thermacetogenium

HC vs. T1 p = 0.037  
HC vs. T2 p = 0.069  
T1 vs. T2 p = 0.86



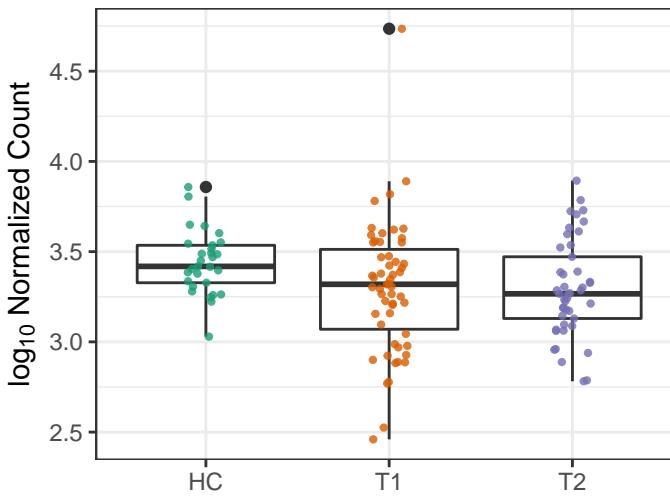
### Tenacibaculum

HC vs. T1 p = 0.037  
HC vs. T2 p = 0.0063  
T1 vs. T2 p = 0.78



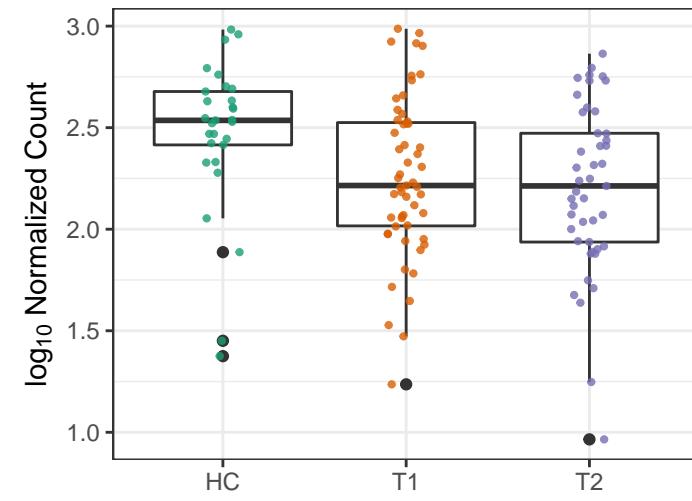
### Serratia

HC vs. T1 p = 0.038  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.78



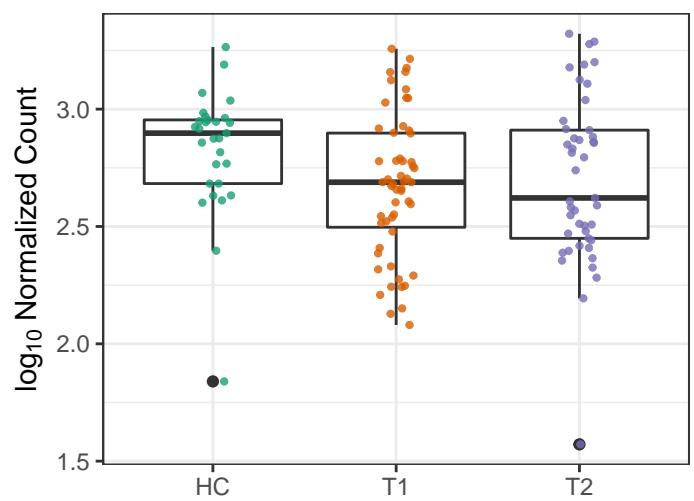
### Candidatus Arthromitus

HC vs. T1 p = 0.038  
HC vs. T2 p = 0.022  
T1 vs. T2 p = 0.82



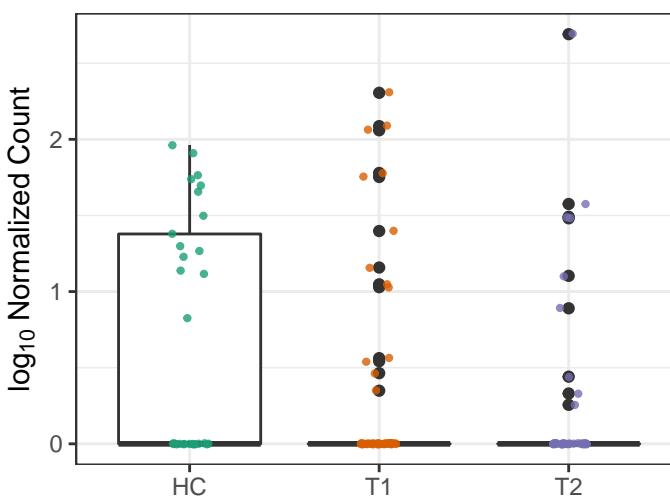
### Petrocella

HC vs. T1 p = 0.038  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.89



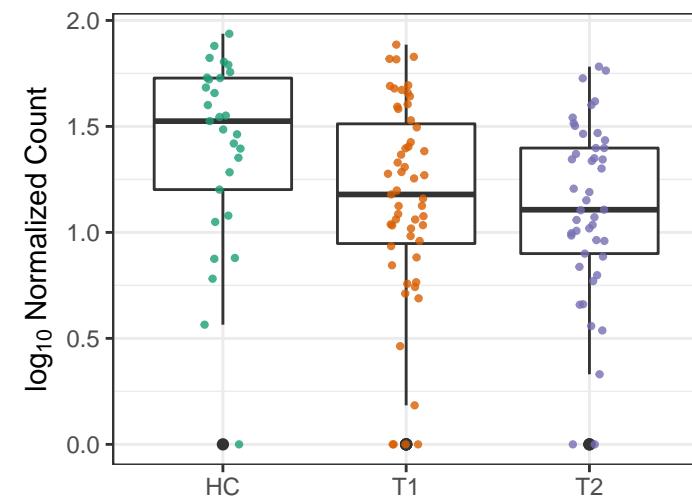
### Ophiovirus

HC vs. T1 p = 0.038  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.91



### Enterovibrio

HC vs. T1 p = 0.038  
HC vs. T2 p = 0.025  
T1 vs. T2 p = 0.82

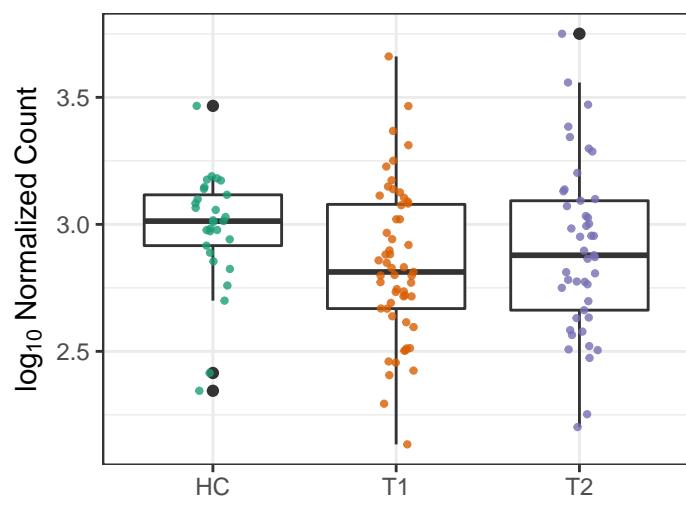


### *Dehalobacter*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.25

T1 vs. T2 p = 0.78

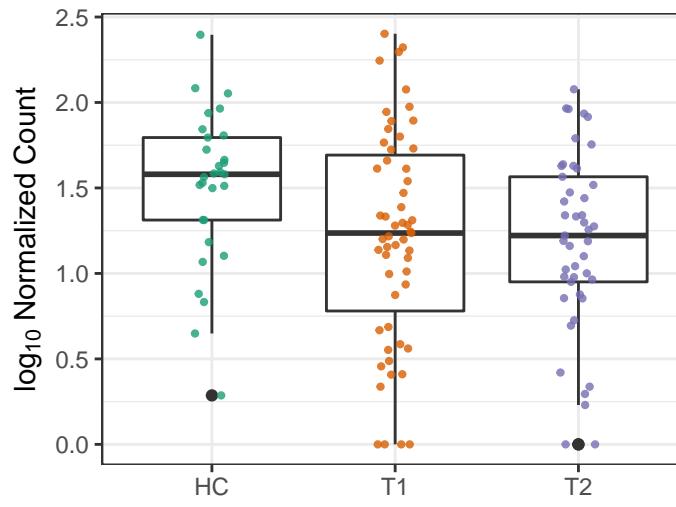


### *Cnubacter*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.91

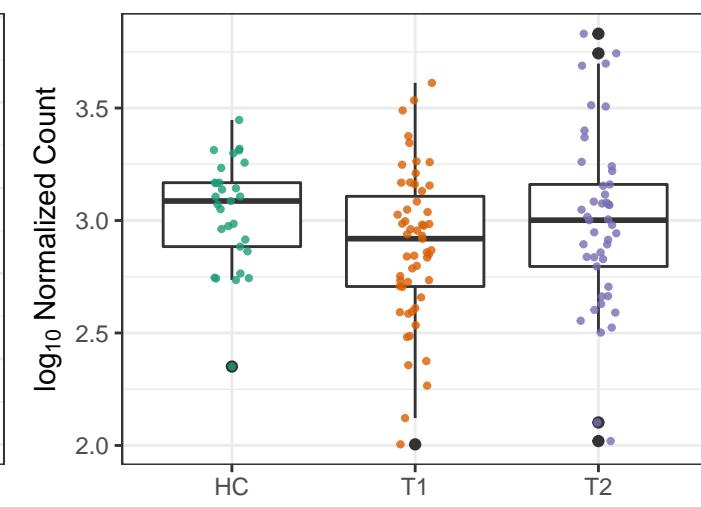


### *Murdochella*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.58

T1 vs. T2 p = 0.78

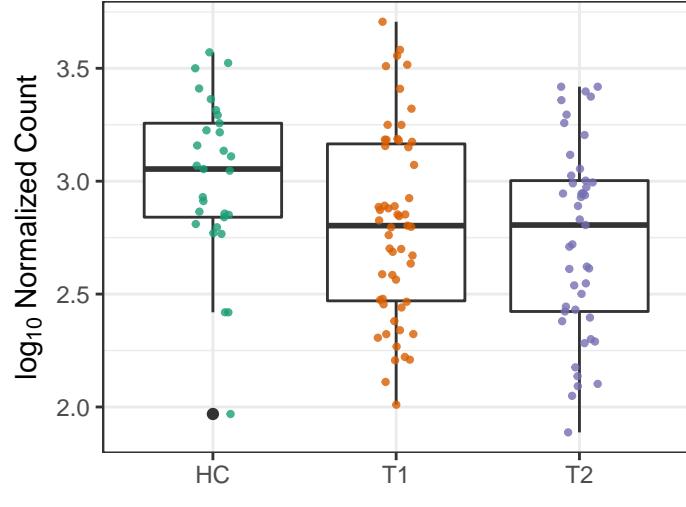


### *Spiroplasma*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.78

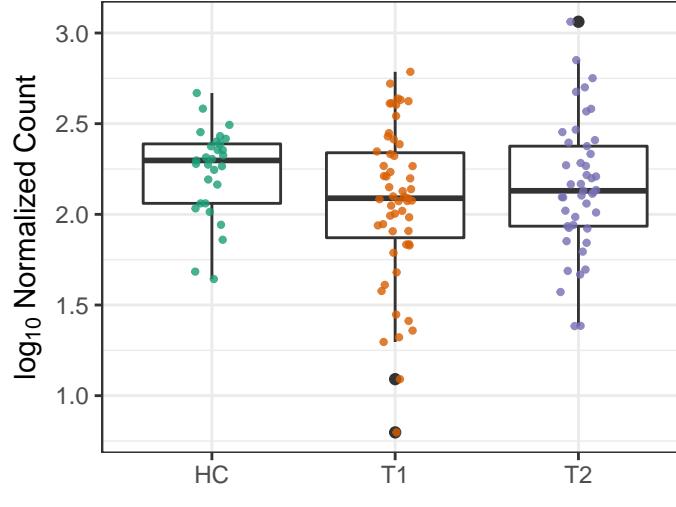


### *Thermothielavioides*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.28

T1 vs. T2 p = 0.78

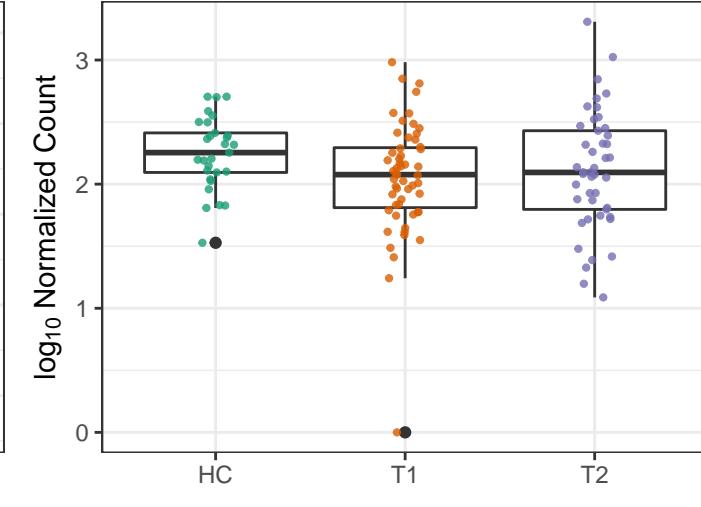


### *Alloactinosynnema*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.16

T1 vs. T2 p = 0.78

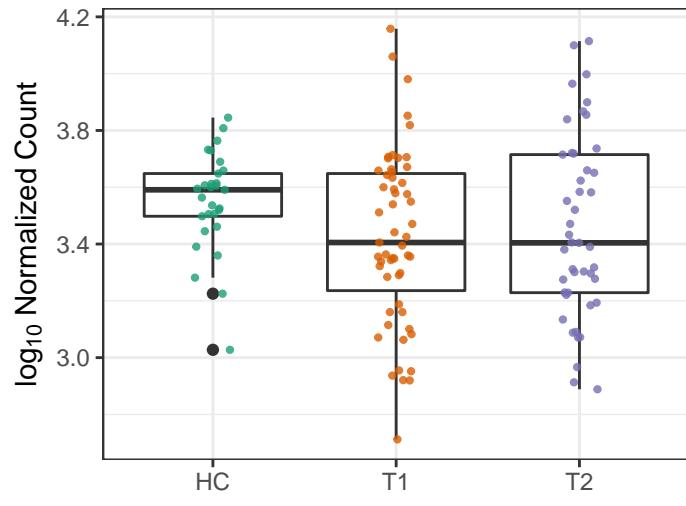


### *Treponema*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.15

T1 vs. T2 p = 0.79

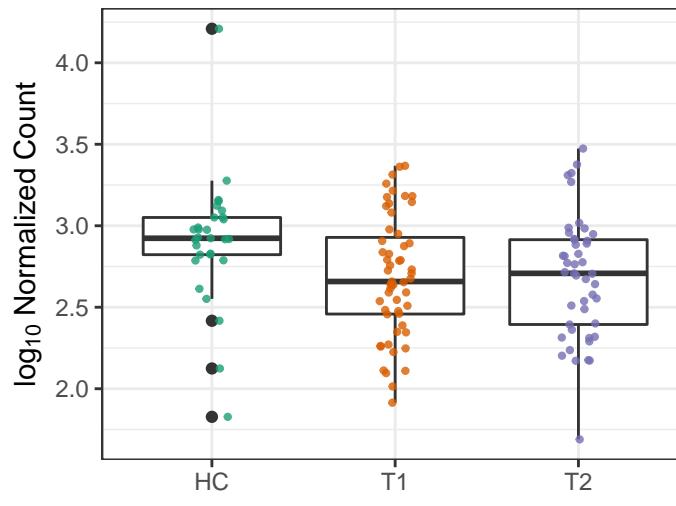


### *Megamonas*

HC vs. T1 p = 0.038

HC vs. T2 p = 0.045

T1 vs. T2 p = 0.97

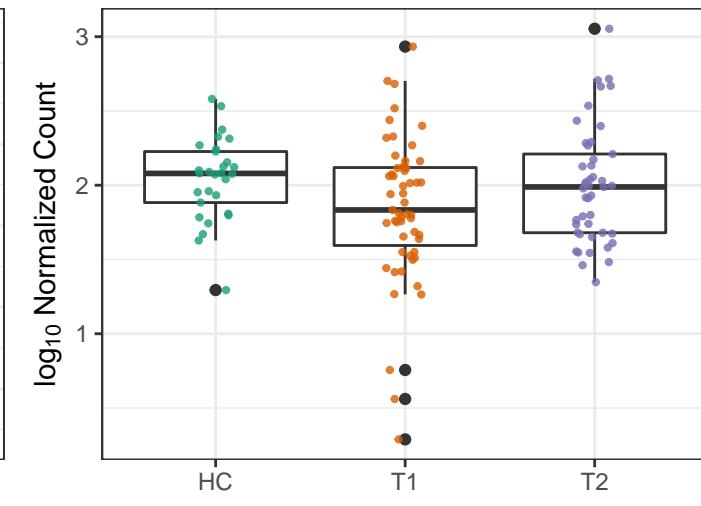


### *Limihaloglobus*

HC vs. T1 p = 0.039

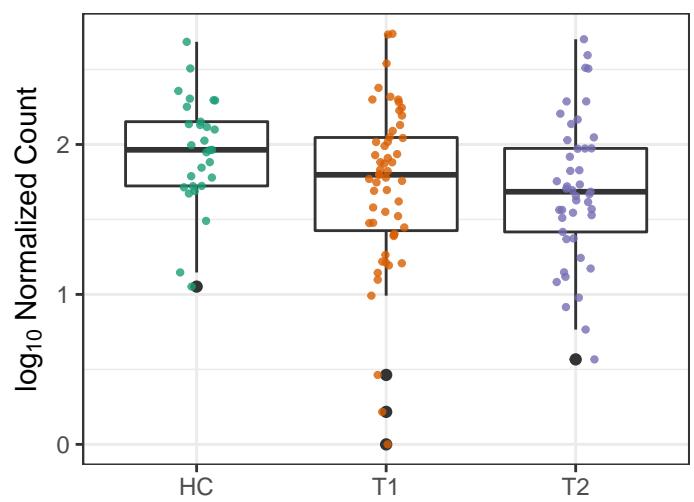
HC vs. T2 p = 0.58

T1 vs. T2 p = 0.78



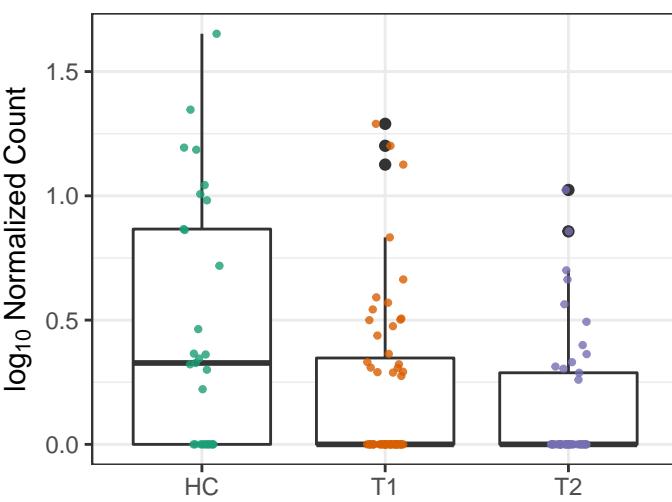
### Starkeya

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.97



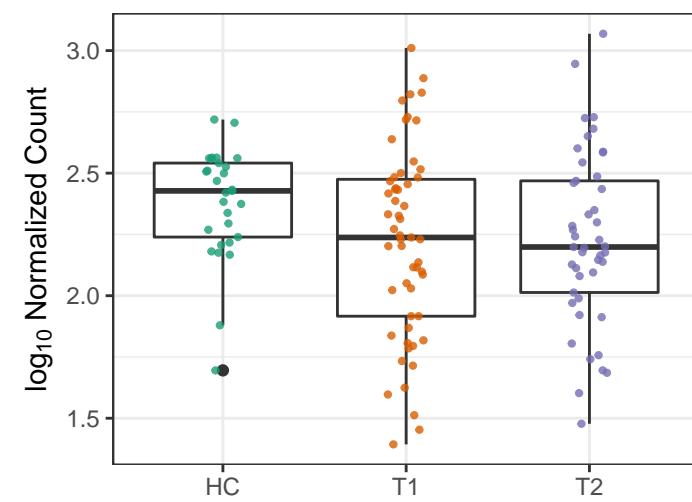
### Unclassified Francellaceae Family

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 0.8



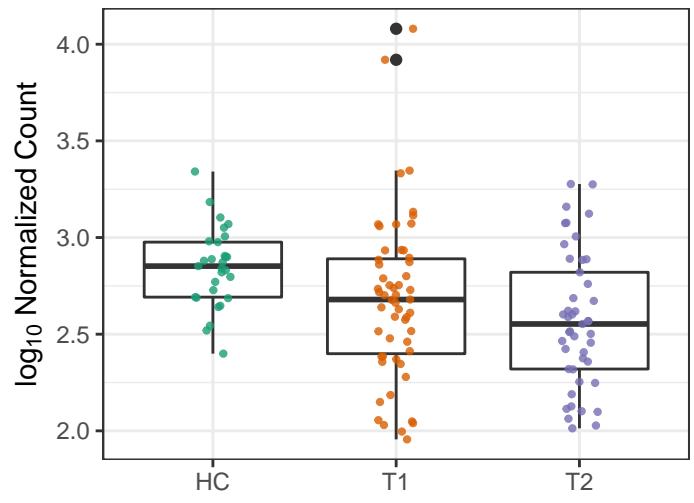
### Halioglobus

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.056  
T1 vs. T2 p = 0.85



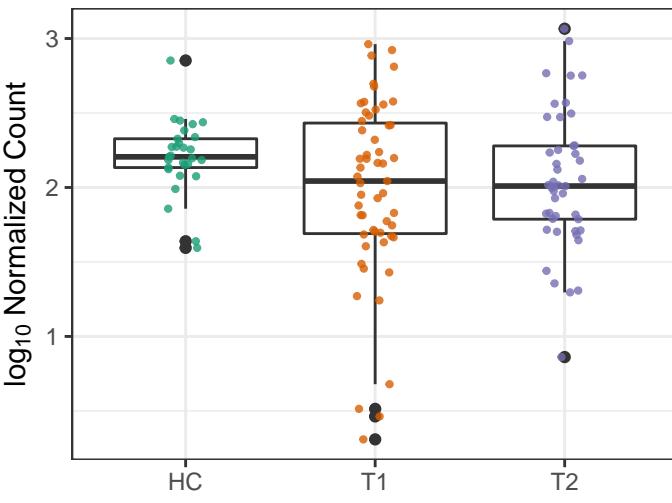
### Raoultella

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.0029  
T1 vs. T2 p = 0.82



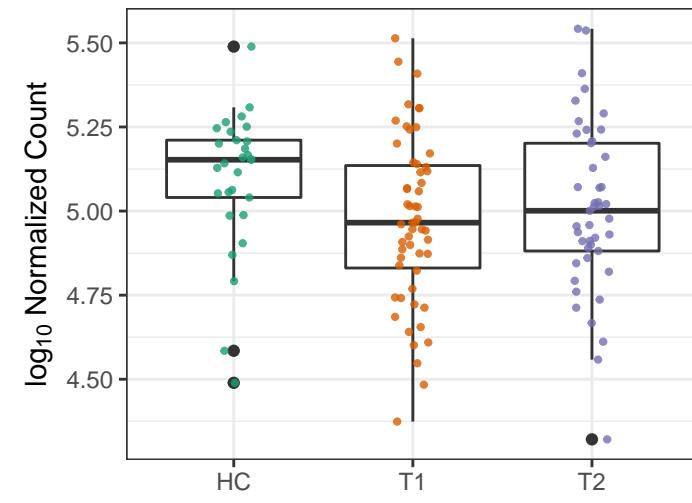
### Shinella

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.81



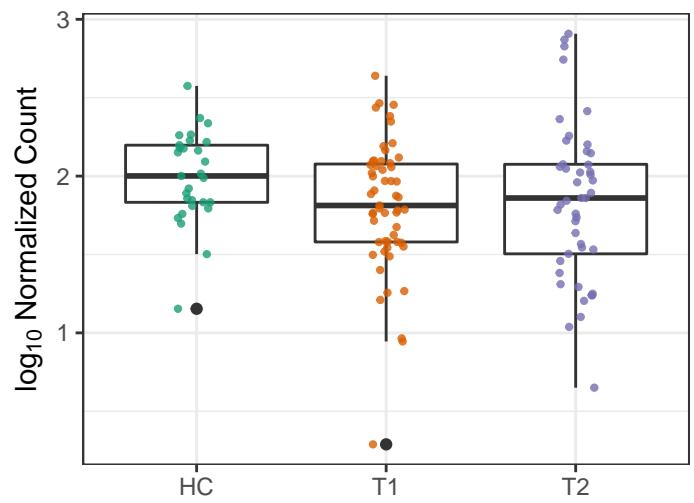
### Unclassified Firmicutes Phylum

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.79



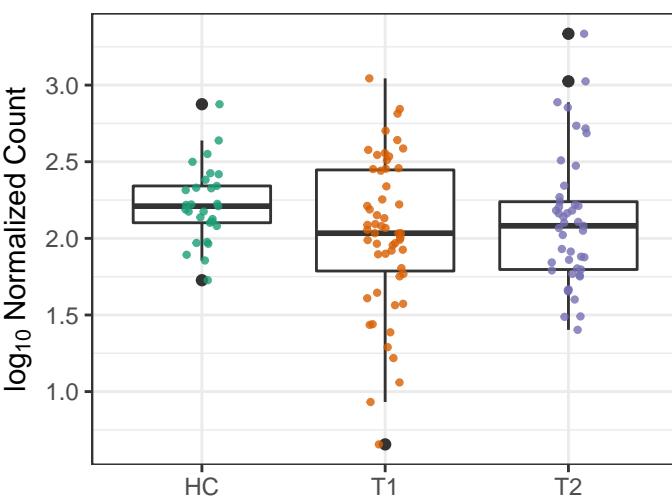
### Thermobifida

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.94



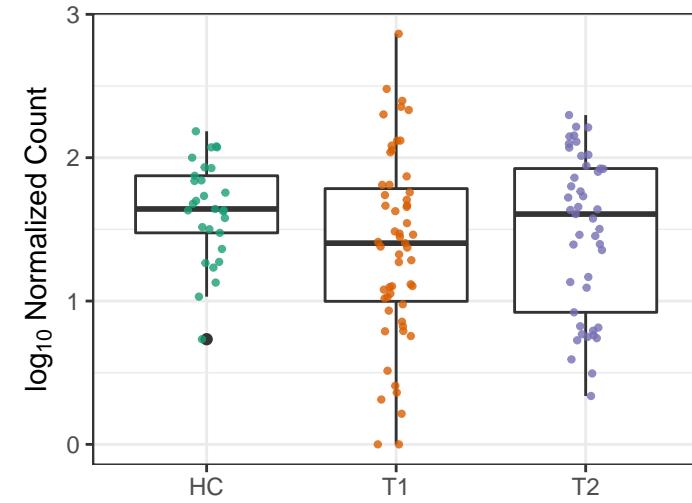
### Unclassified Planctomycetales Order

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.79



### Salinarchaeum

HC vs. T1 p = 0.039  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.78

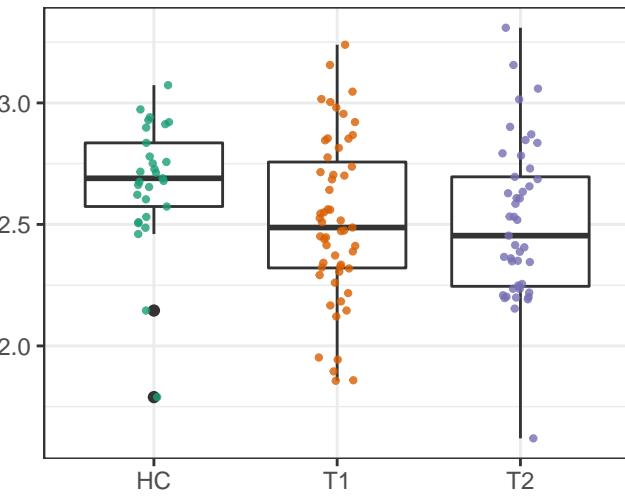


### Anoxybacillus

HC vs. T1 p = 0.039

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.97

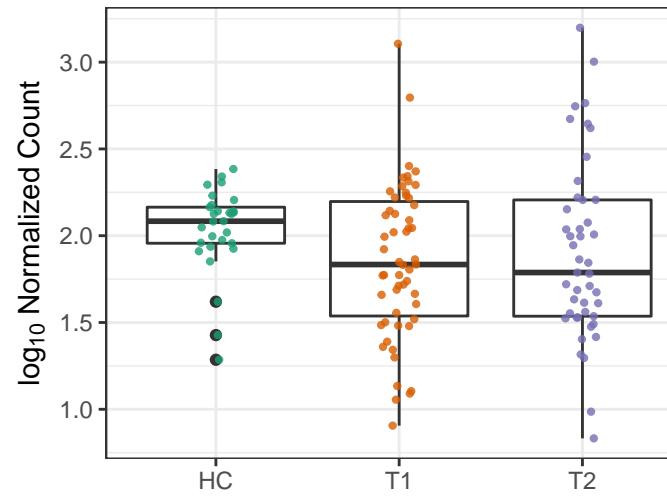


### Syntrophothermus

HC vs. T1 p = 0.039

HC vs. T2 p = 0.19

T1 vs. T2 p = 0.97

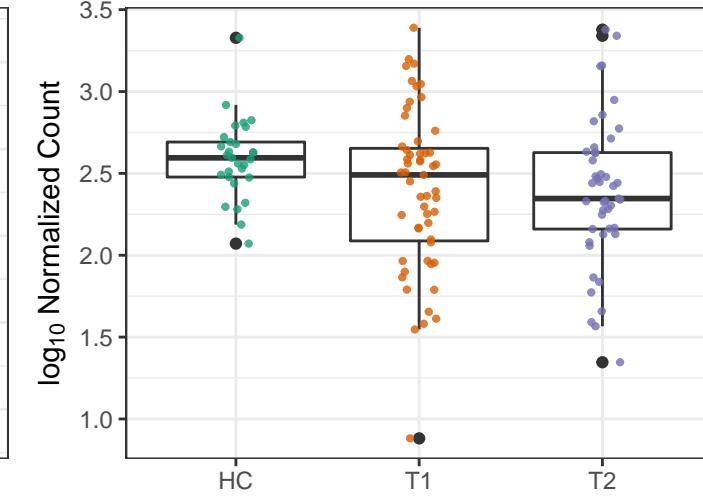


### Verrucomicrobium

HC vs. T1 p = 0.04

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.99

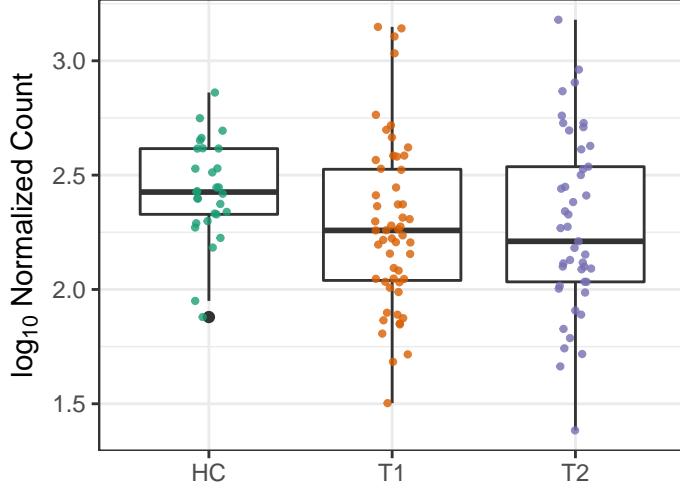


### Cryptococcus

HC vs. T1 p = 0.04

HC vs. T2 p = 0.062

T1 vs. T2 p = 0.93

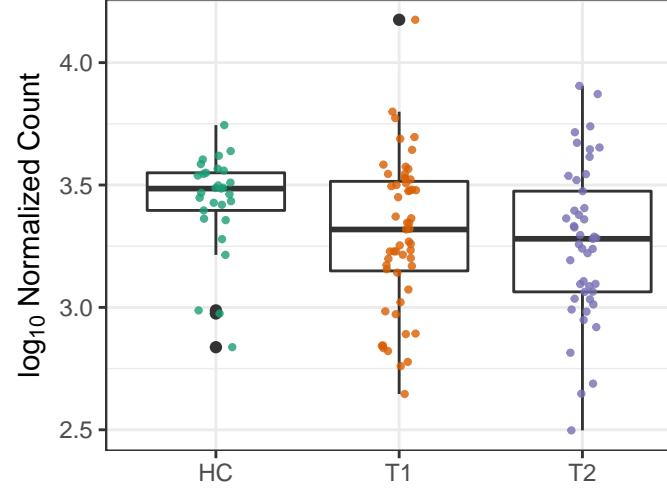


### Flavobacterium

HC vs. T1 p = 0.04

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.8

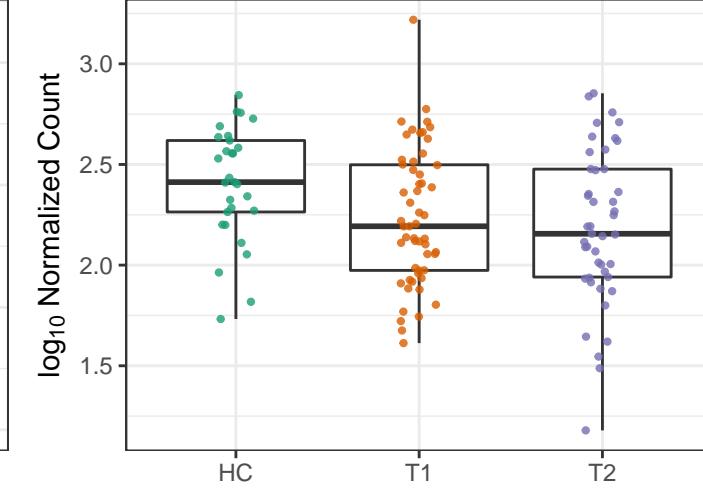


### Flammeovirga

HC vs. T1 p = 0.04

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

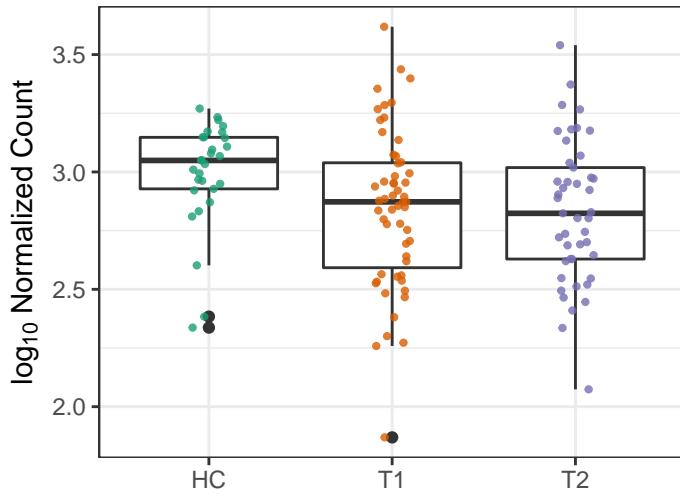


### Legionella

HC vs. T1 p = 0.04

HC vs. T2 p = 0.029

T1 vs. T2 p = 0.88

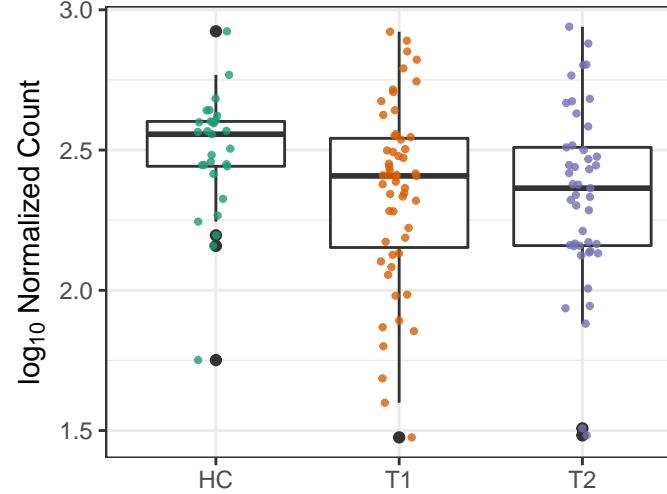


### Nitrosomonas

HC vs. T1 p = 0.04

HC vs. T2 p = 0.043

T1 vs. T2 p = 0.92

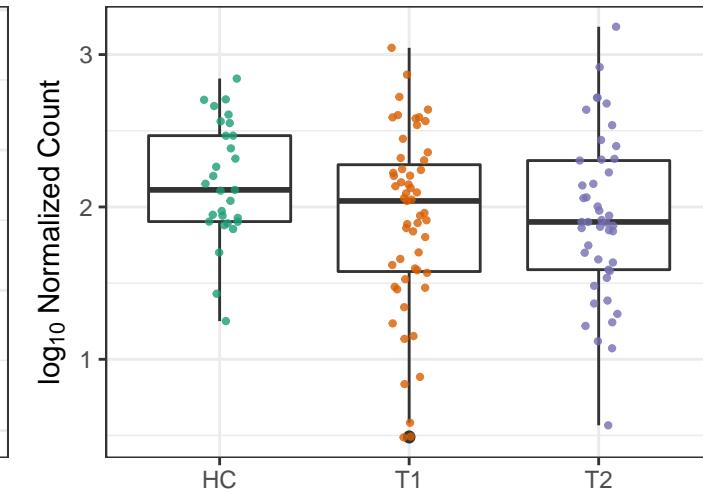


### Oceanithermus

HC vs. T1 p = 0.04

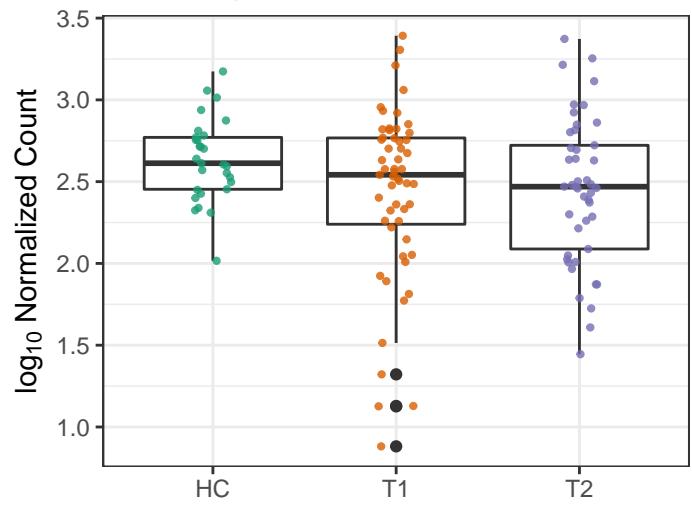
HC vs. T2 p = 0.059

T1 vs. T2 p = 0.83



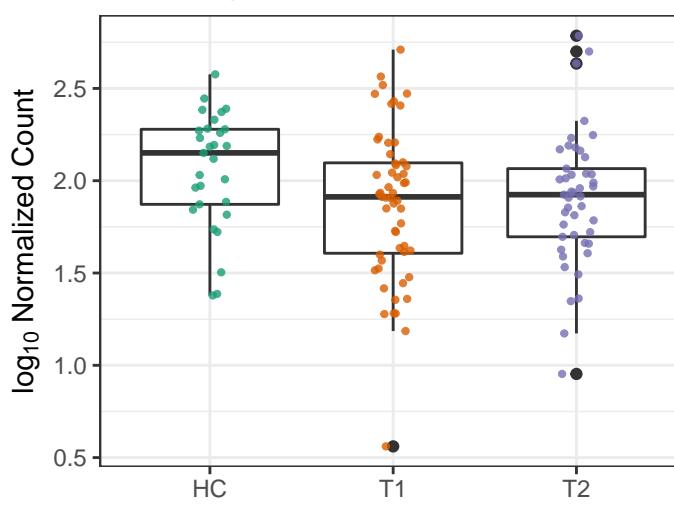
### Unclassified Deltaproteobacteria Class

HC vs. T1 p = 0.04  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.9



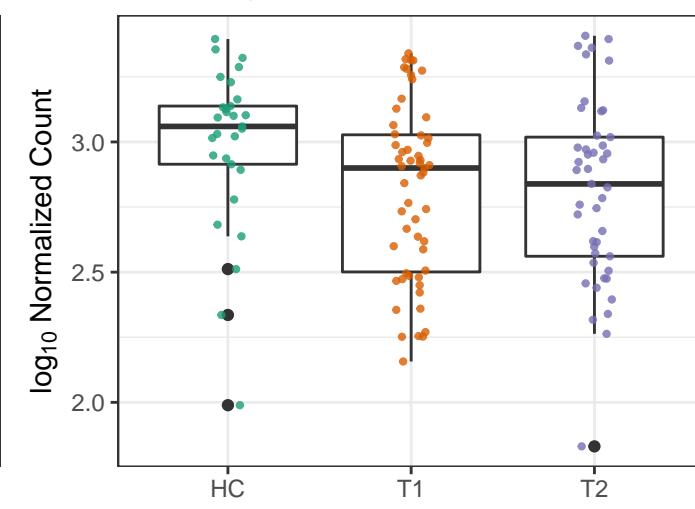
### Synechocystis

HC vs. T1 p = 0.04  
HC vs. T2 p = 0.076  
T1 vs. T2 p = 0.82



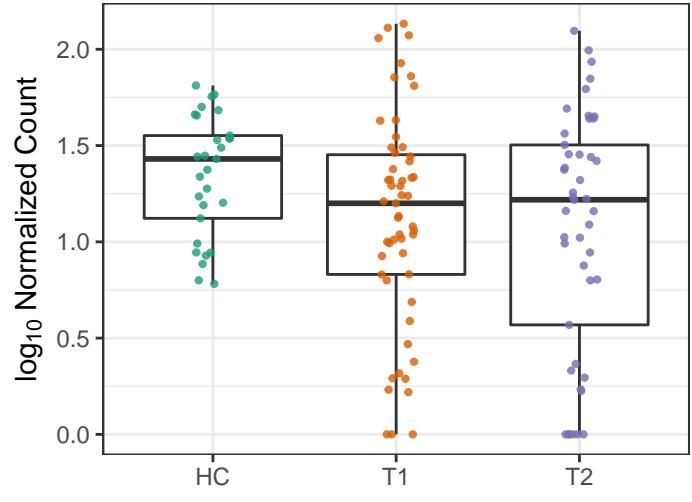
### Thermoanaerobacterium

HC vs. T1 p = 0.04  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 0.99



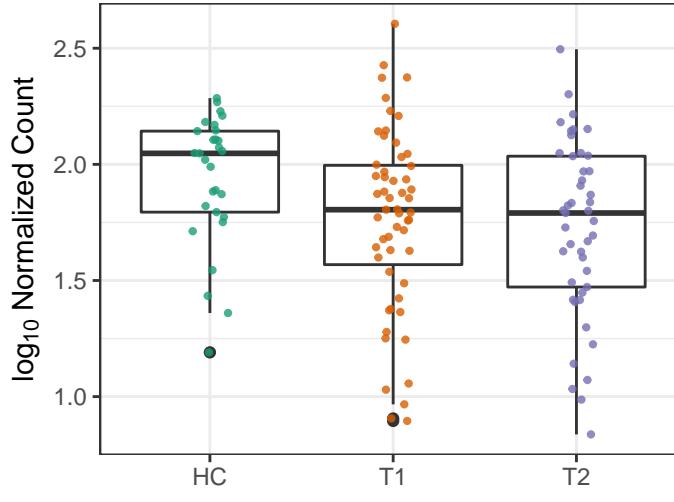
### Caldisphaera

HC vs. T1 p = 0.04  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.8



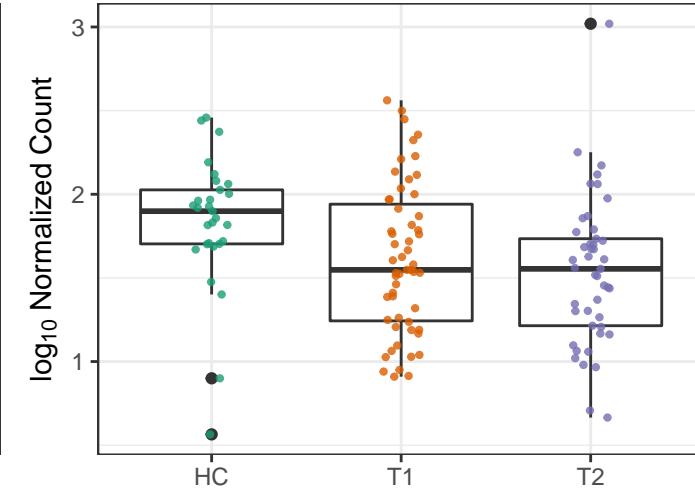
### Candidatus Kuenenia

HC vs. T1 p = 0.04  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.86



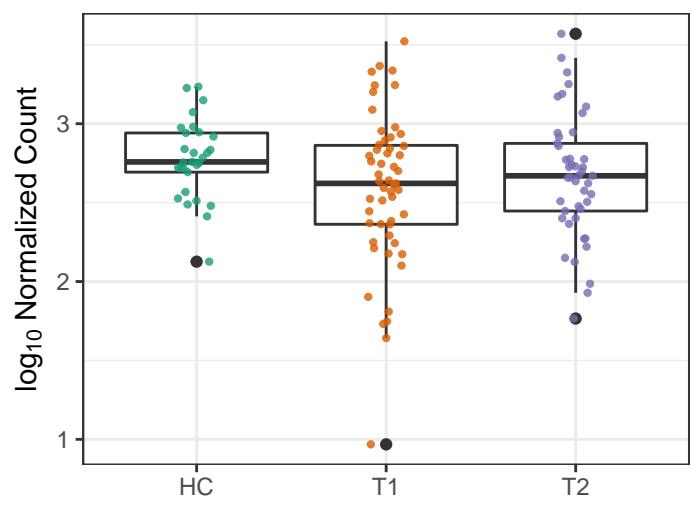
### Bibersteinia

HC vs. T1 p = 0.042  
HC vs. T2 p = 0.017  
T1 vs. T2 p = 0.81



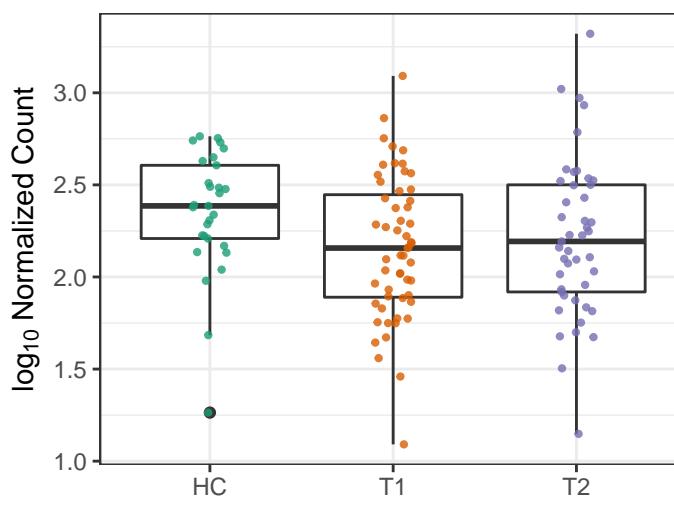
### Corallococcus

HC vs. T1 p = 0.042  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.78



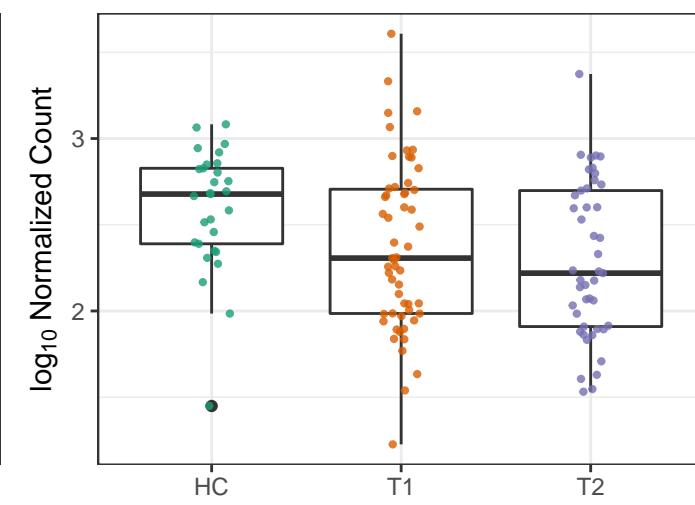
### Geminocystis

HC vs. T1 p = 0.042  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.89



### Paraclostridium

HC vs. T1 p = 0.042  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78

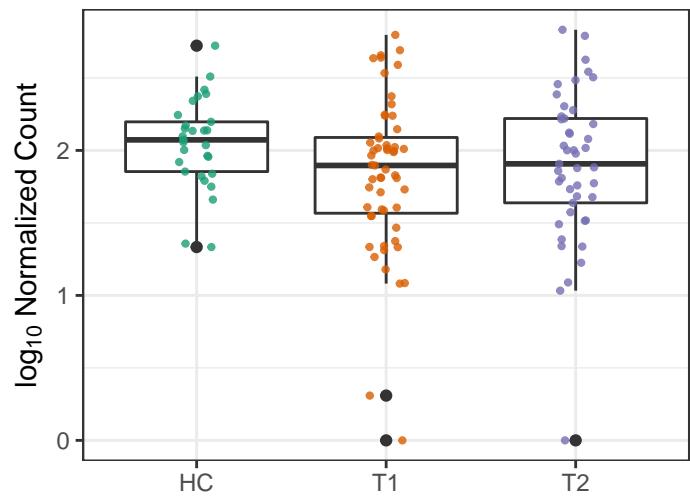


### Parahodospirillum

HC vs. T1 p = 0.042

HC vs. T2 p = 0.15

T1 vs. T2 p = 0.78

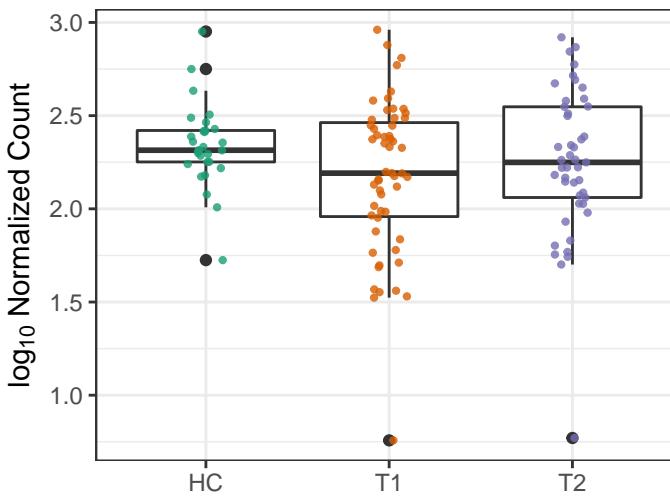


### Pelodictyon

HC vs. T1 p = 0.042

HC vs. T2 p = 0.26

T1 vs. T2 p = 0.78

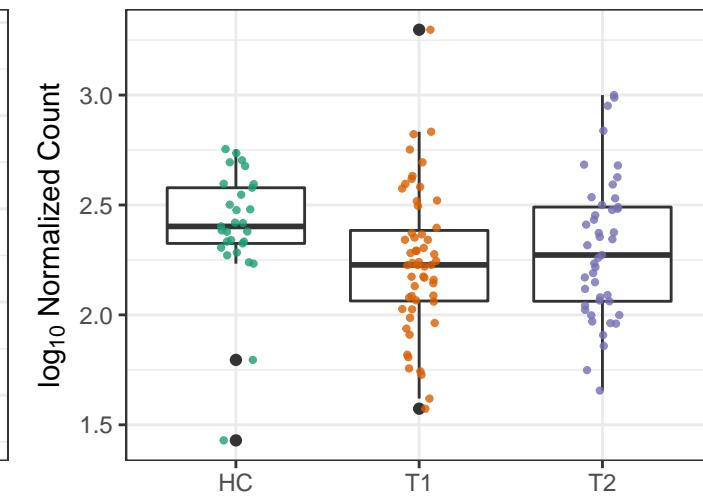


### Sporolactobacillus

HC vs. T1 p = 0.042

HC vs. T2 p = 0.19

T1 vs. T2 p = 0.78

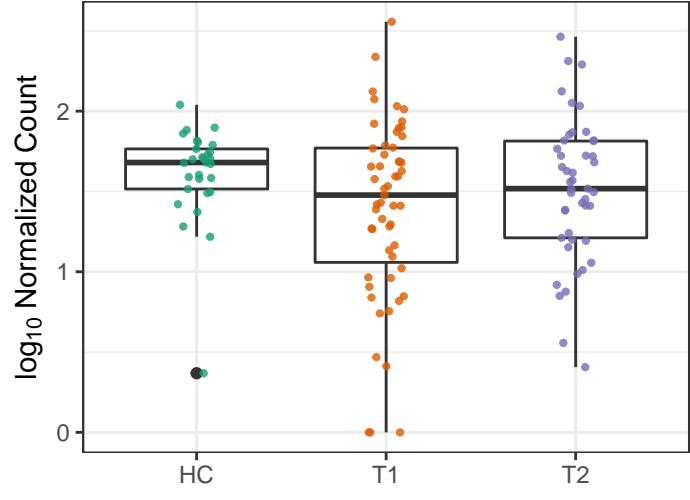


### Zymobacter

HC vs. T1 p = 0.042

HC vs. T2 p = 0.31

T1 vs. T2 p = 0.78

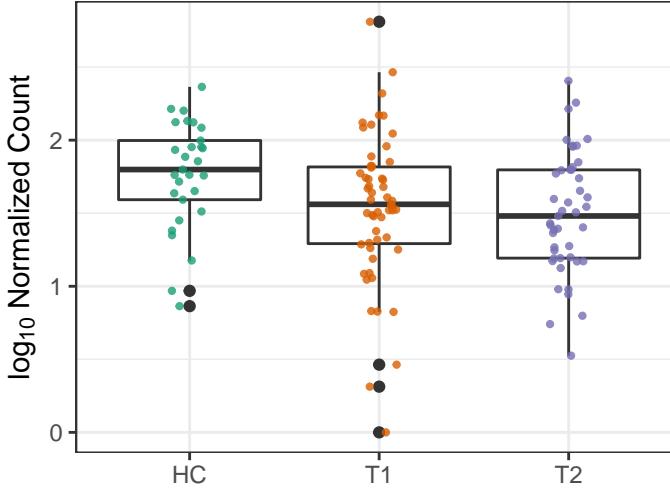


### Phytobacter

HC vs. T1 p = 0.042

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.83

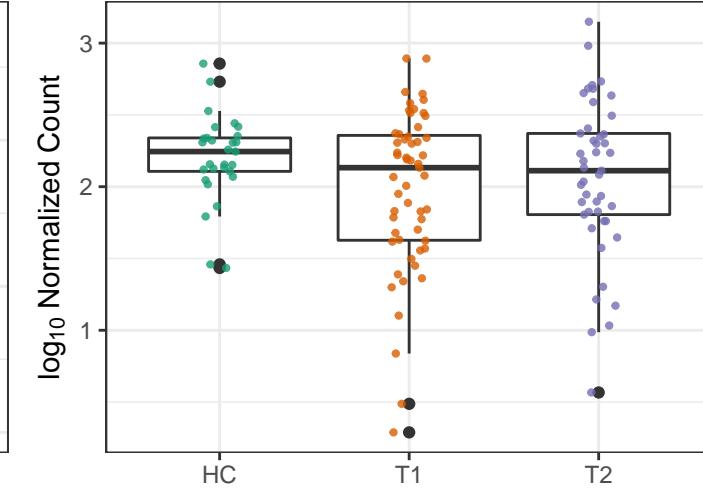


### Dokdonella

HC vs. T1 p = 0.042

HC vs. T2 p = 0.2

T1 vs. T2 p = 0.78

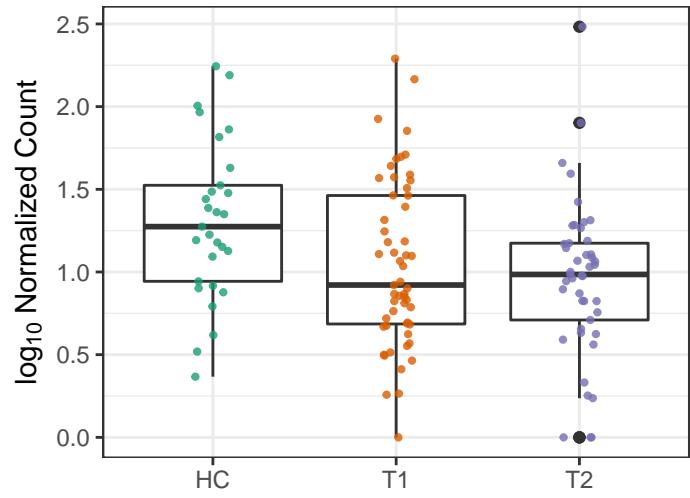


### Candidatus Nardonella

HC vs. T1 p = 0.042

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.81

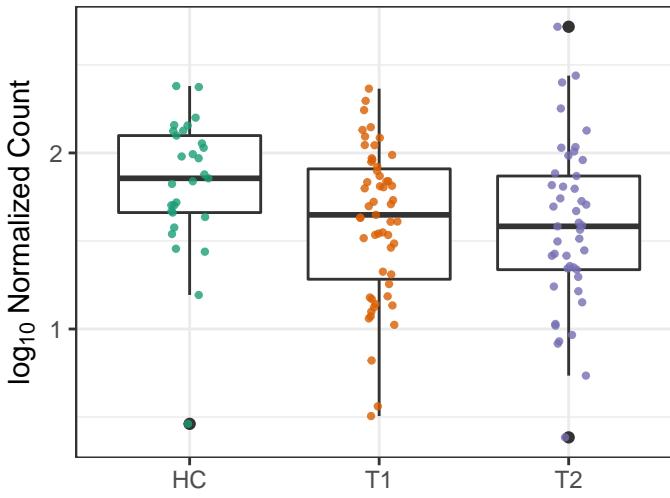


### Defluviitoga

HC vs. T1 p = 0.042

HC vs. T2 p = 0.04

T1 vs. T2 p = 0.99

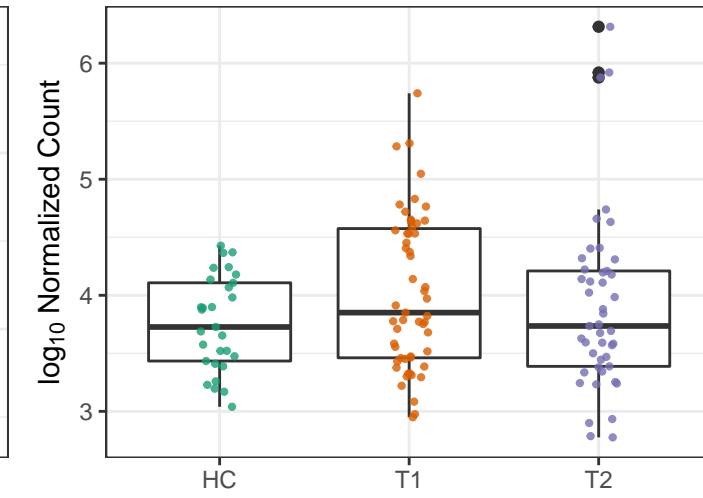


### Citrobacter

HC vs. T1 p = 0.042

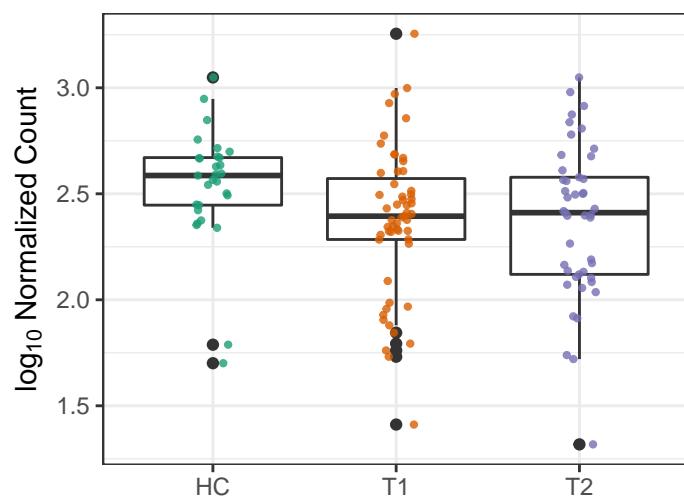
HC vs. T2 p = 0.34

T1 vs. T2 p = 0.78



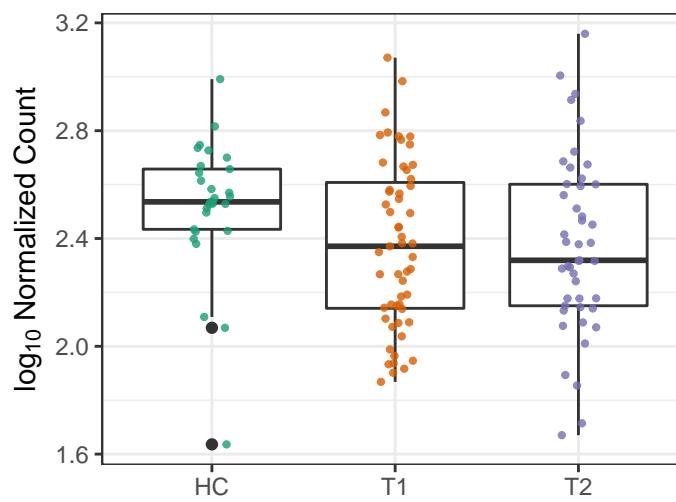
### Formosa

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.055  
T1 vs. T2 p = 0.92



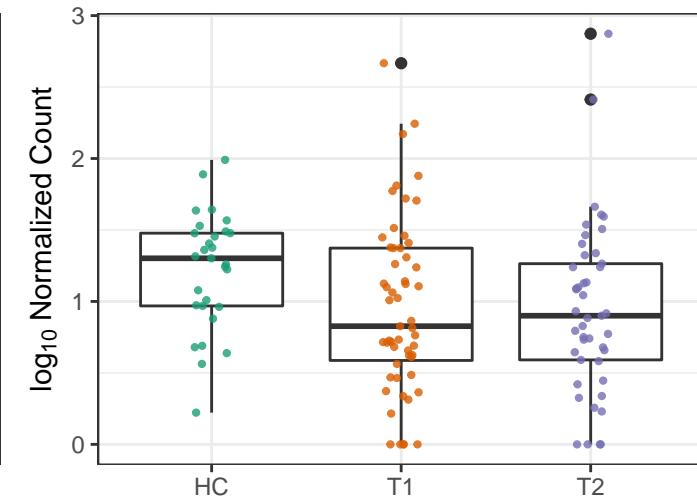
### Fictibacillus

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.062  
T1 vs. T2 p = 0.99



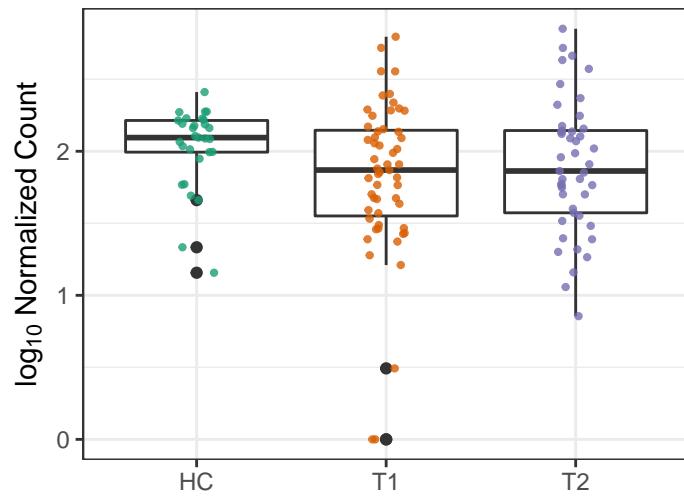
### Sulfuracidifex

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.93



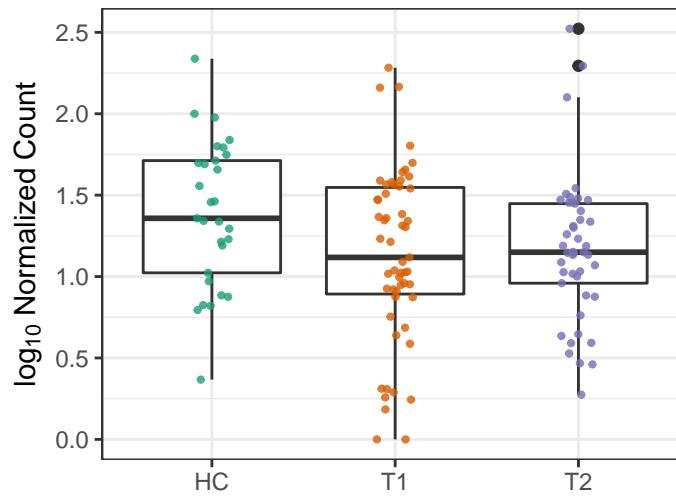
### Tabrizicola

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.78



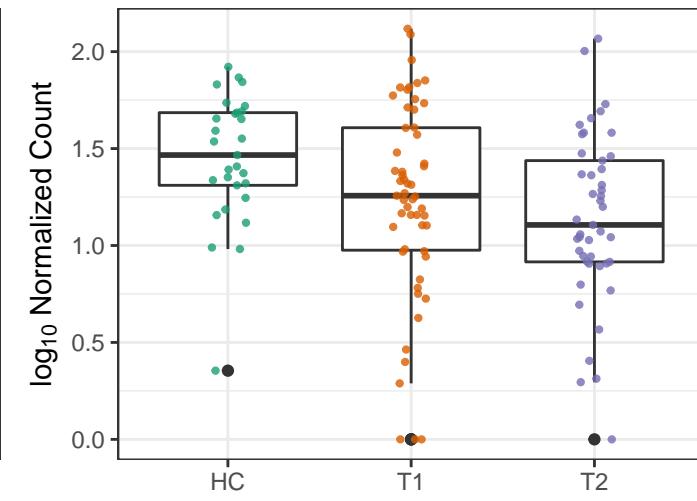
### Metallosphaera

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.074  
T1 vs. T2 p = 0.99



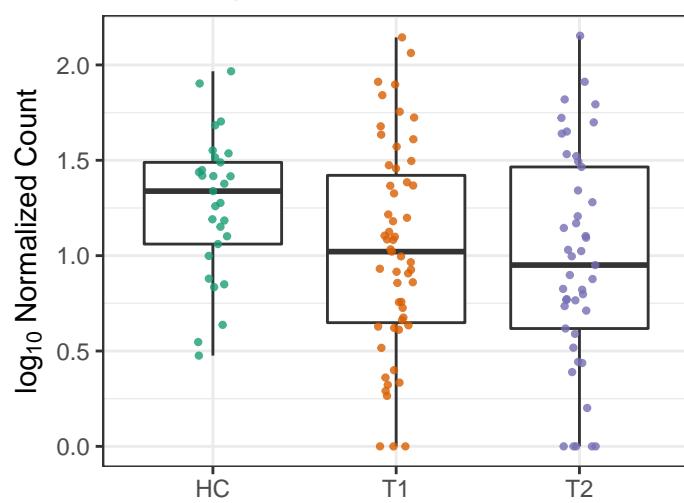
### Unclassified Thermoanaerobacteraceae

HC vs. T1 p = 0.043  
HC vs. T2 p = 0.01  
T1 vs. T2 p = 0.78



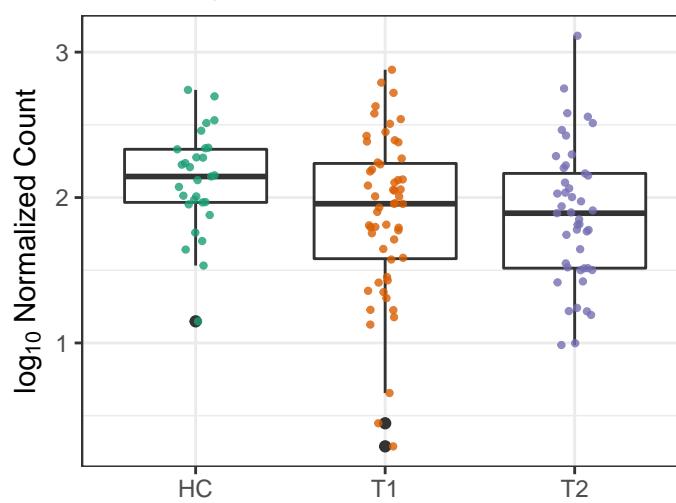
### Candidatus Tachikawaea

HC vs. T1 p = 0.044  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78



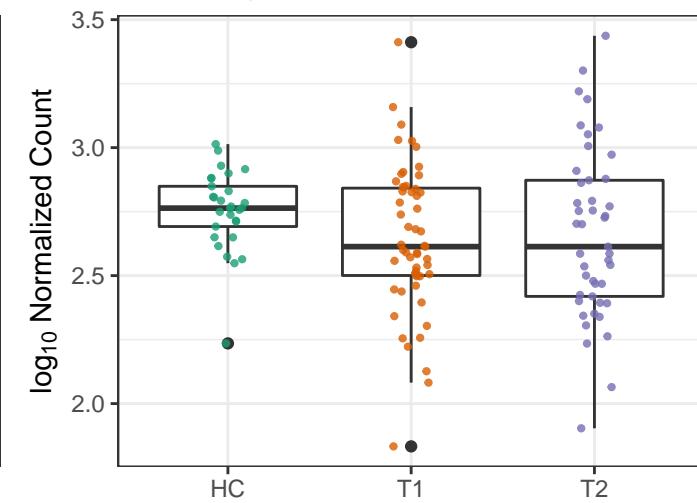
### Thermobispora

HC vs. T1 p = 0.044  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 0.91



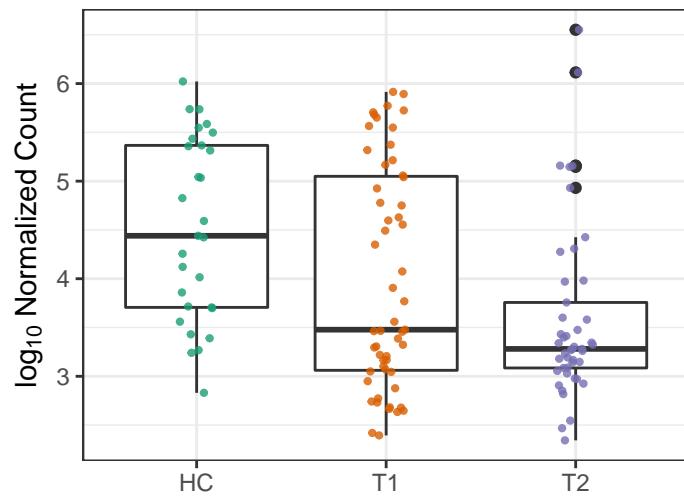
### Geosporobacter

HC vs. T1 p = 0.044  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.89



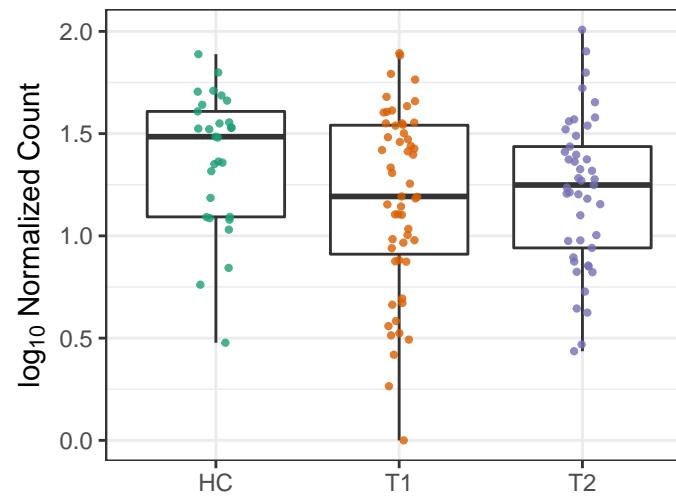
### Akkermansia

HC vs. T1 p = 0.045  
HC vs. T2 p = 0.0032  
T1 vs. T2 p = 0.78



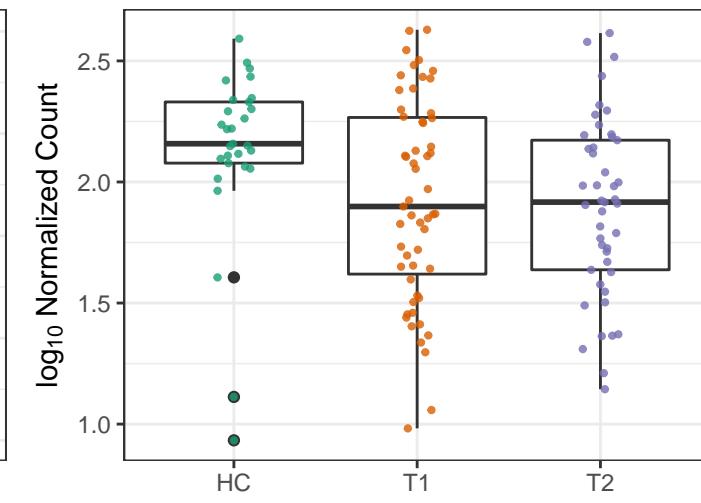
### Methanospaerula

HC vs. T1 p = 0.045  
HC vs. T2 p = 0.086  
T1 vs. T2 p = 0.86



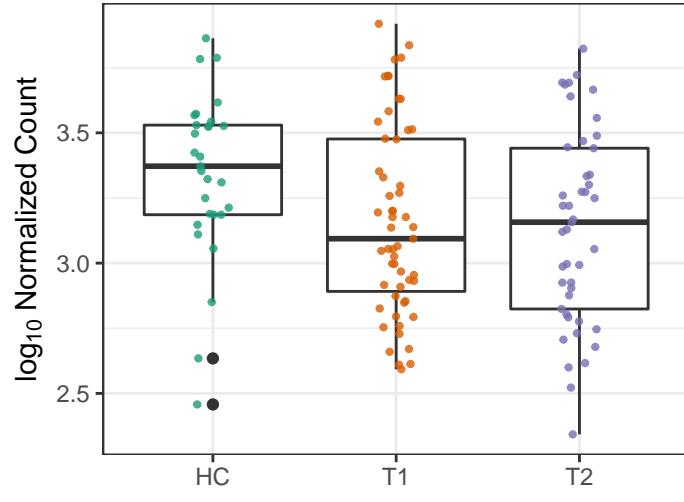
### Ilyobacter

HC vs. T1 p = 0.045  
HC vs. T2 p = 0.027  
T1 vs. T2 p = 0.85



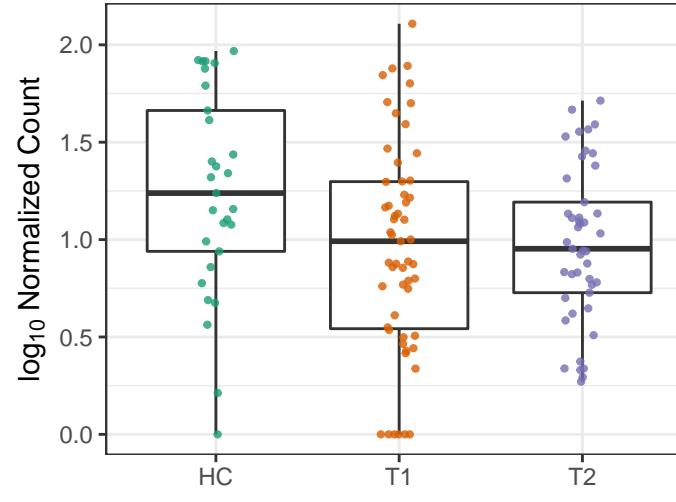
### Mycoplasma

HC vs. T1 p = 0.045  
HC vs. T2 p = 0.037  
T1 vs. T2 p = 0.87



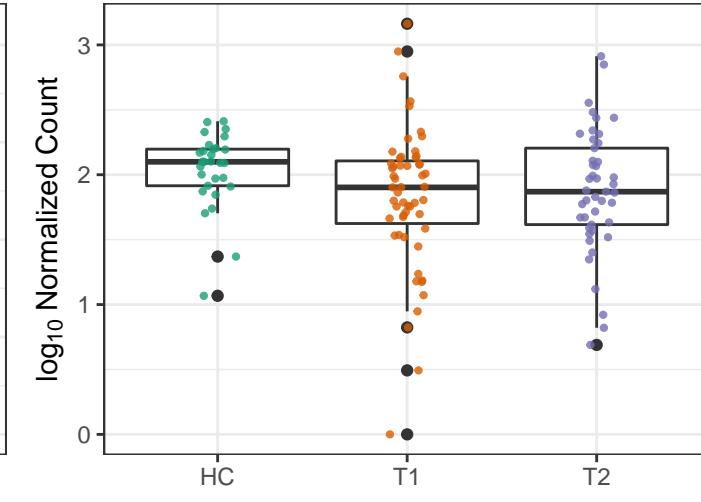
### Candidatus Atelocyanobacterium

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.91



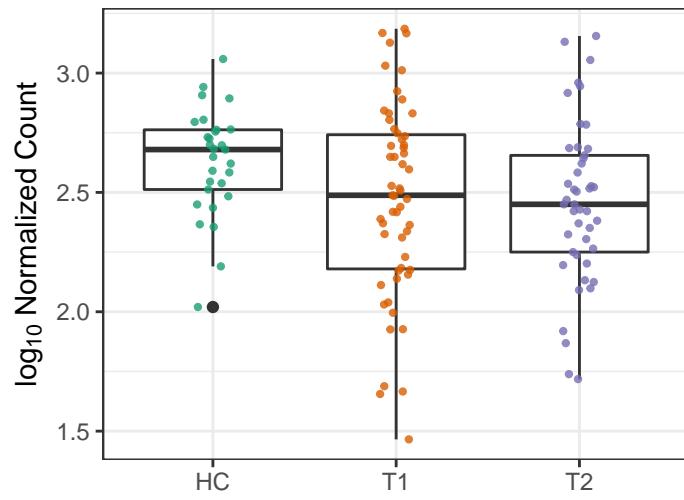
### Aquaspirillum

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.78



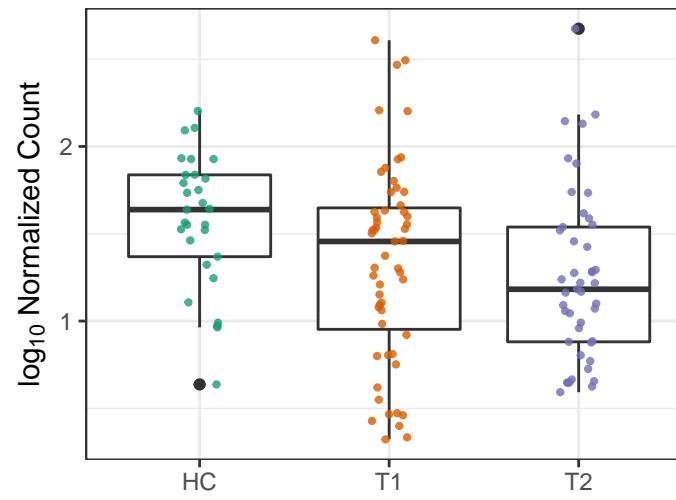
### Granulicella

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.03  
T1 vs. T2 p = 0.97



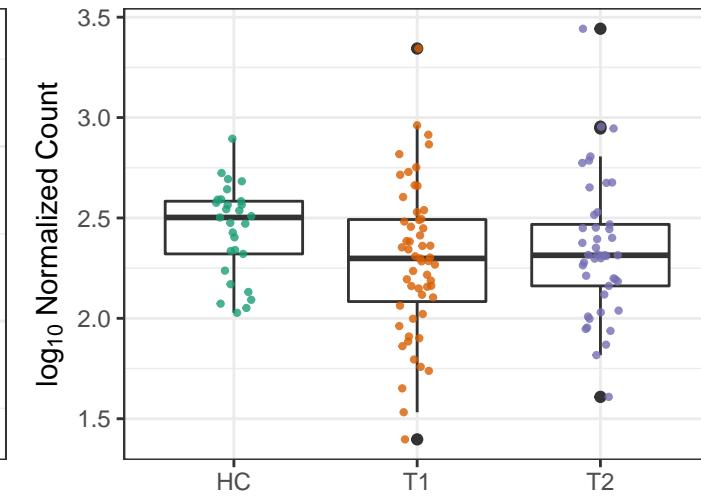
### Candidatus Sulcia

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.013  
T1 vs. T2 p = 0.78



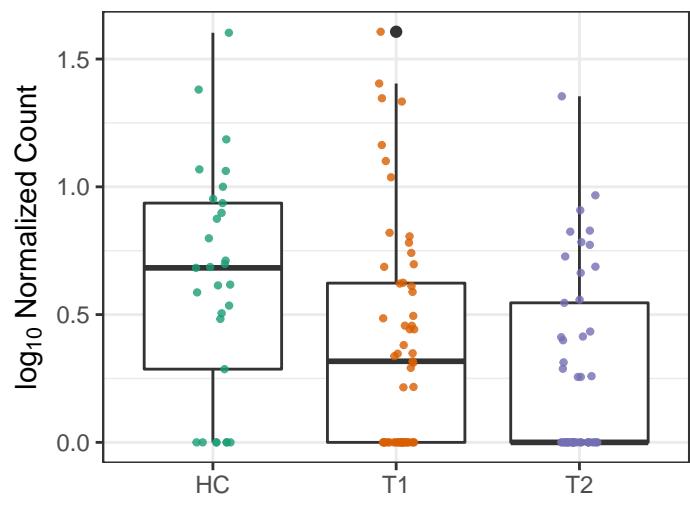
### Kypridia

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.78



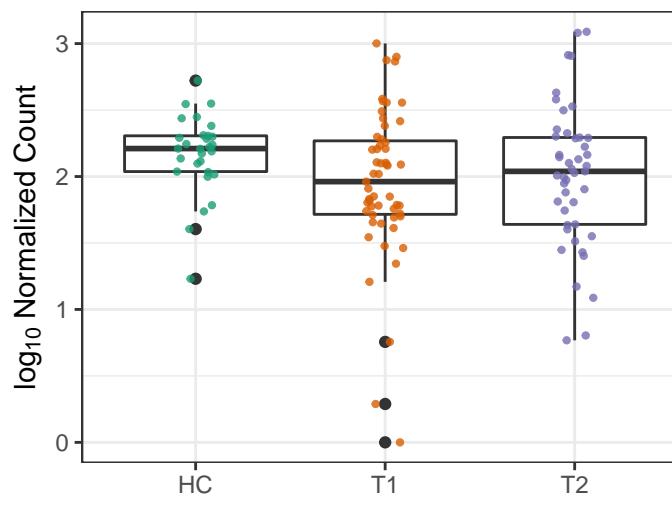
### Unclassified Cyclobacteriaceae Family

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.0099  
T1 vs. T2 p = 0.78



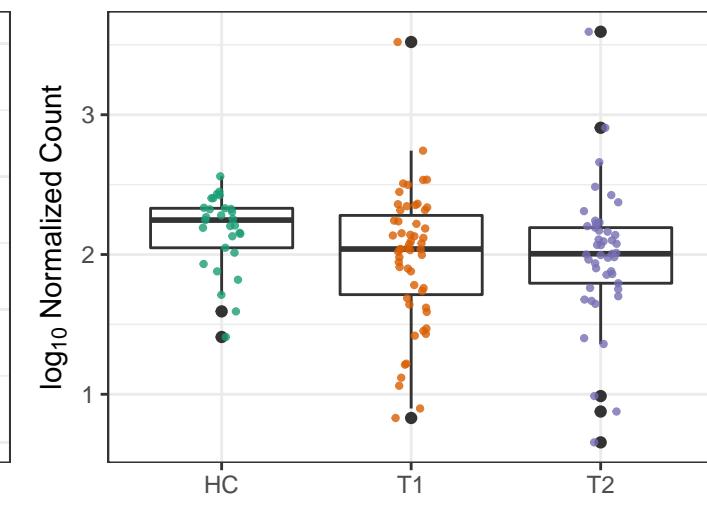
### Geodermatophilus

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.78



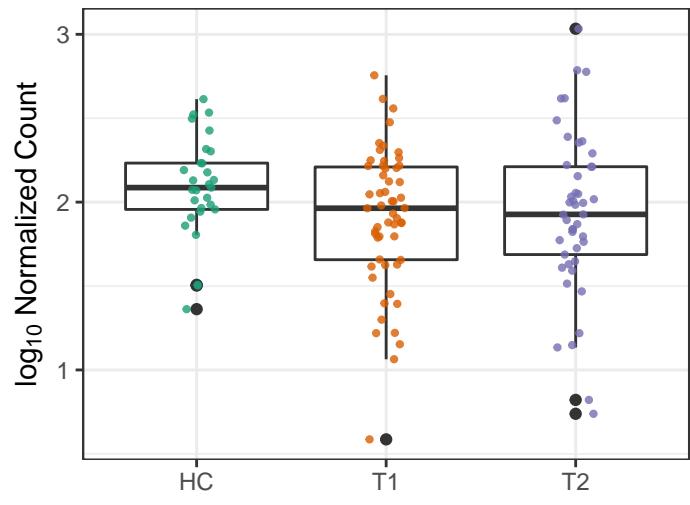
### Haliscomenobacter

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.08  
T1 vs. T2 p = 0.99



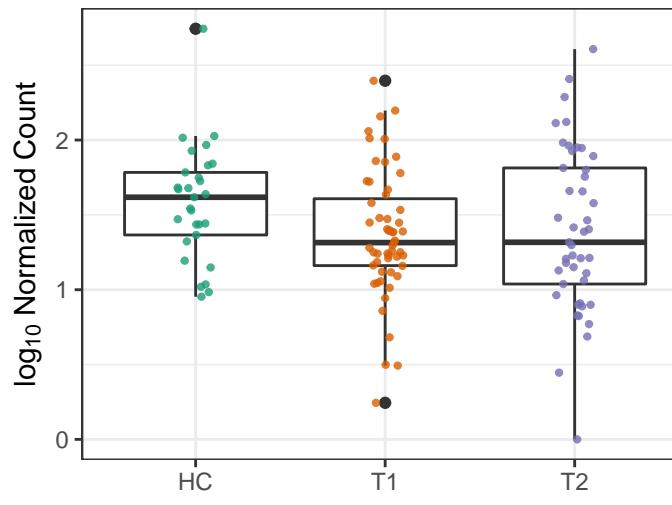
### Thermomonas

HC vs. T1 p = 0.046  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.85



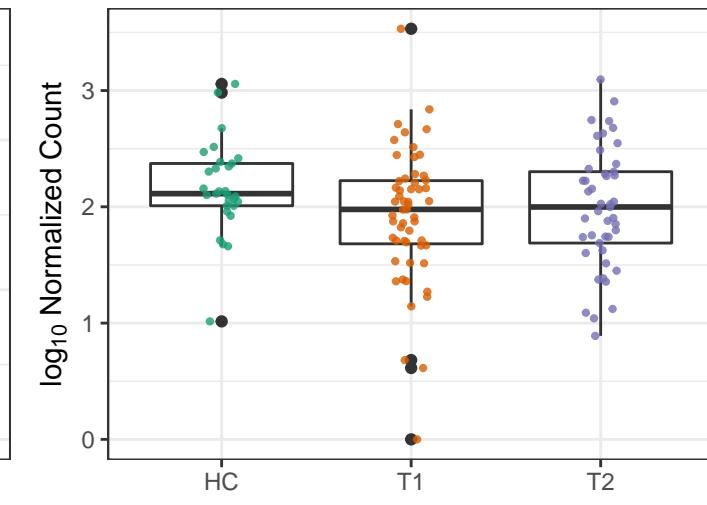
### Simkania

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.79



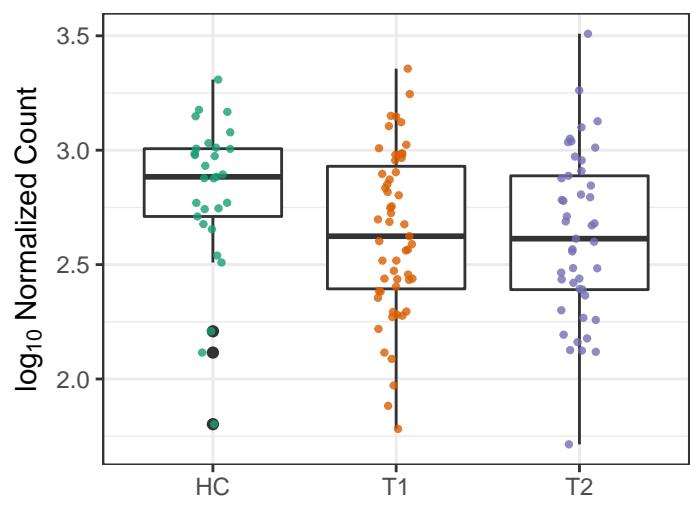
### Egicoccus

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.78



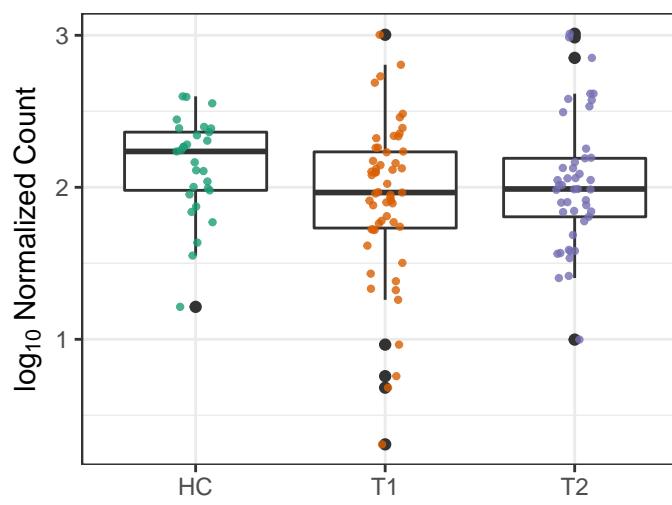
### Thermoanaerobacter

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.05  
T1 vs. T2 p = 0.96



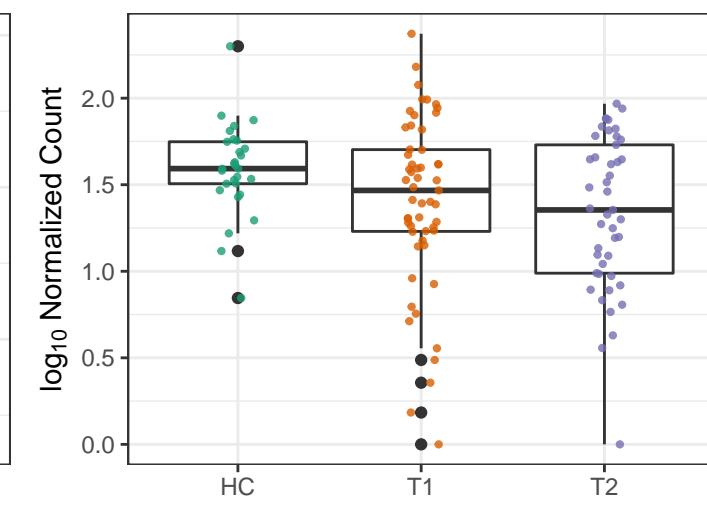
### Acidiphilium

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.27  
T1 vs. T2 p = 0.78



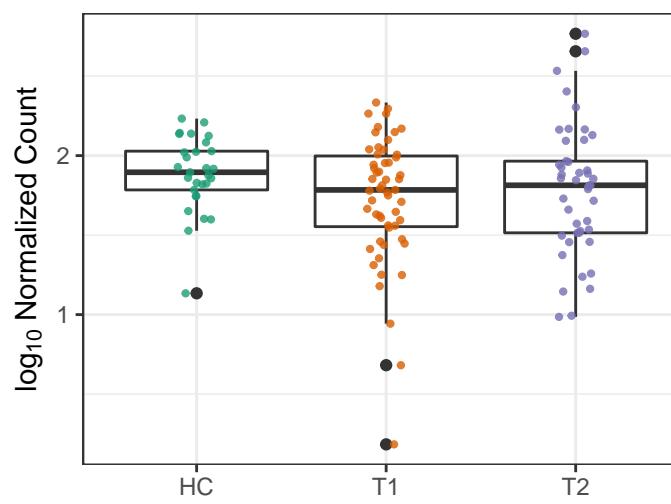
### Jonesia

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.016  
T1 vs. T2 p = 1



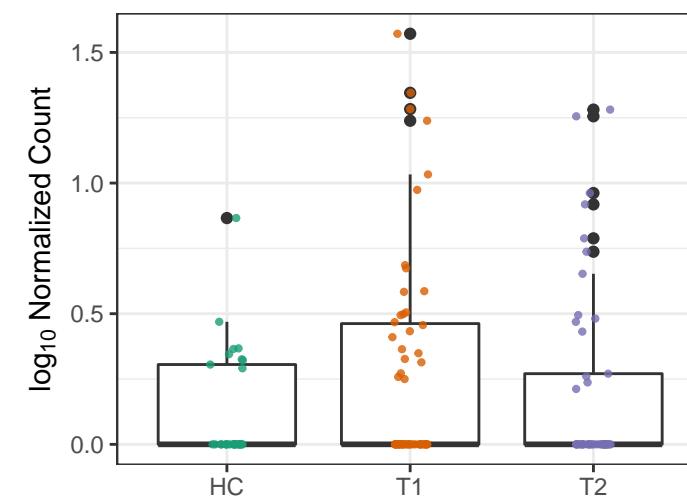
### Sulfuricella

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.26  
T1 vs. T2 p = 0.78



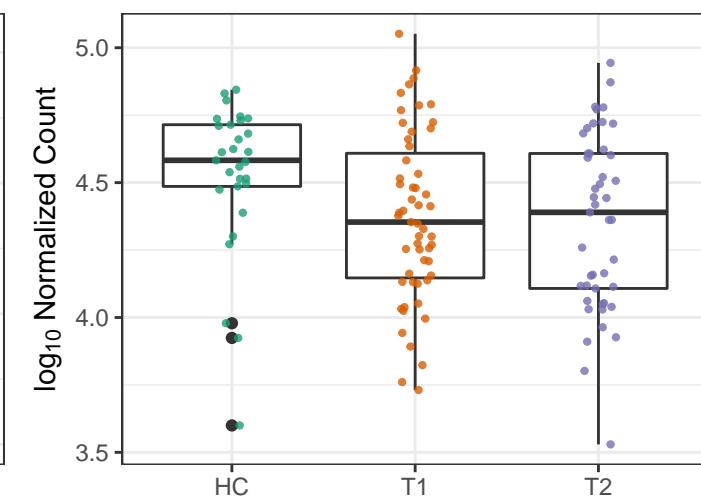
### Unclassified Orbaceae Family

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.26  
T1 vs. T2 p = 0.78



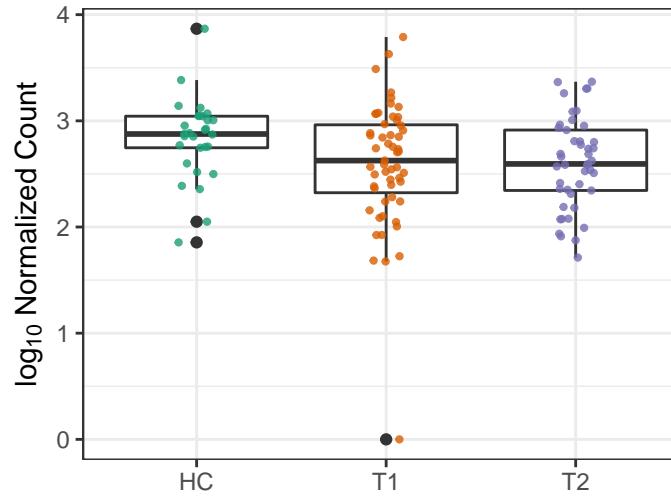
### Clostridium

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.91



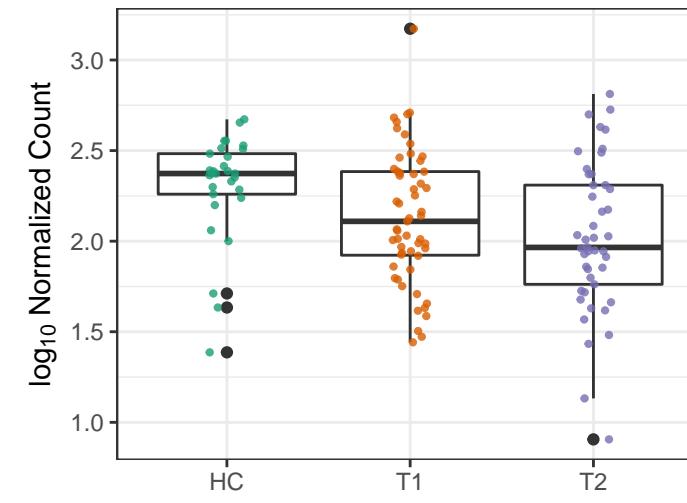
### Phoenicibacter

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.04  
T1 vs. T2 p = 0.81



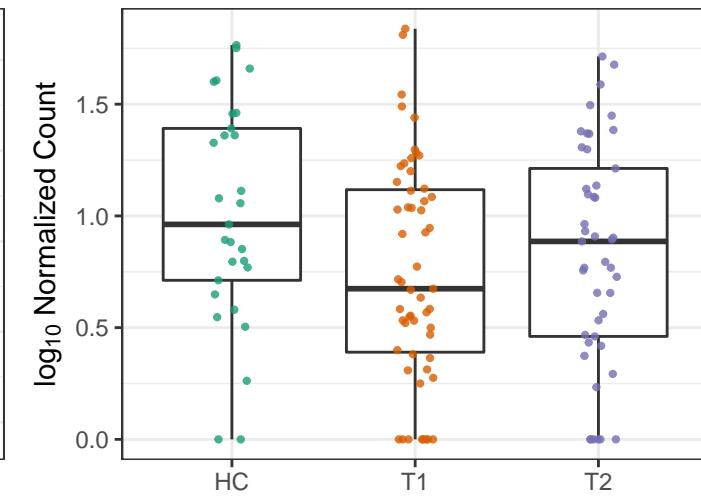
### Winogradskyella

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.011  
T1 vs. T2 p = 0.78



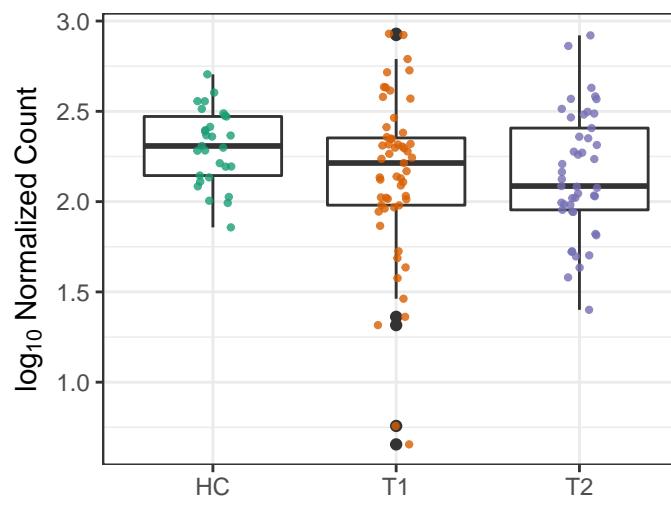
### Unclassified Thermomonosporaceae Family

HC vs. T1 p = 0.047  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.87



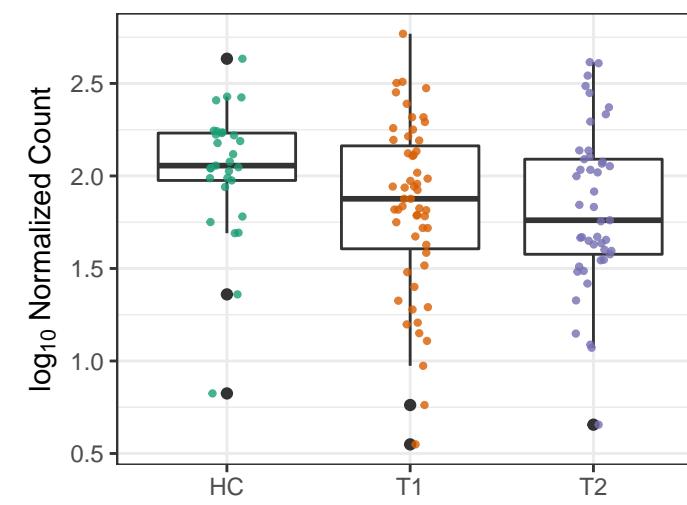
### Flaviflexus

HC vs. T1 p = 0.048  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.97



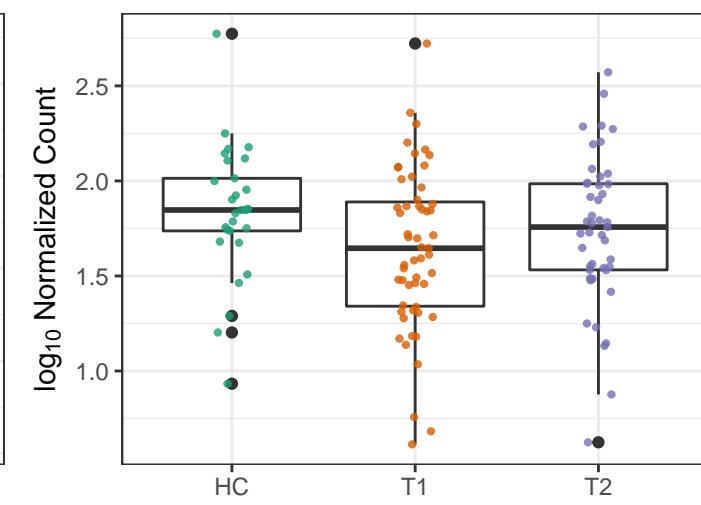
### Nitrosopumilus

HC vs. T1 p = 0.048  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.98



### Oxynema

HC vs. T1 p = 0.048  
HC vs. T2 p = 0.32  
T1 vs. T2 p = 0.78

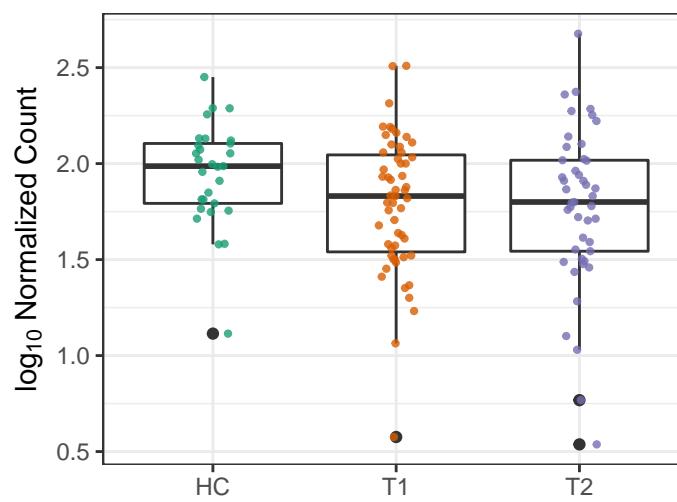


### *Phyllobacterium*

HC vs. T1 p = 0.048

HC vs. T2 p = 0.062

T1 vs. T2 p = 0.99

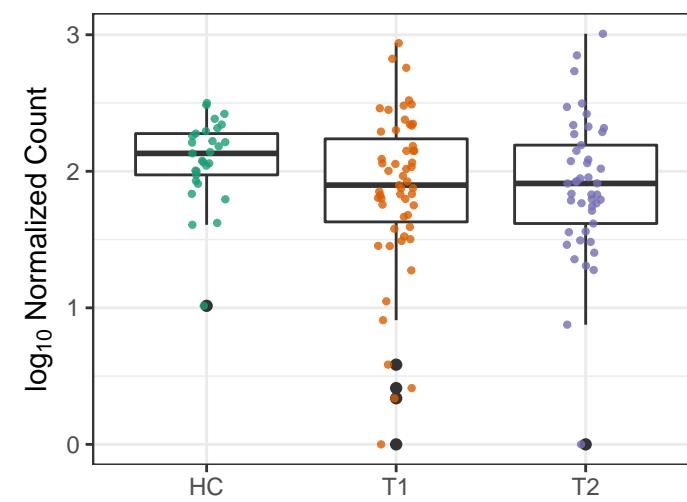


### *Pelagibaca*

HC vs. T1 p = 0.048

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.91

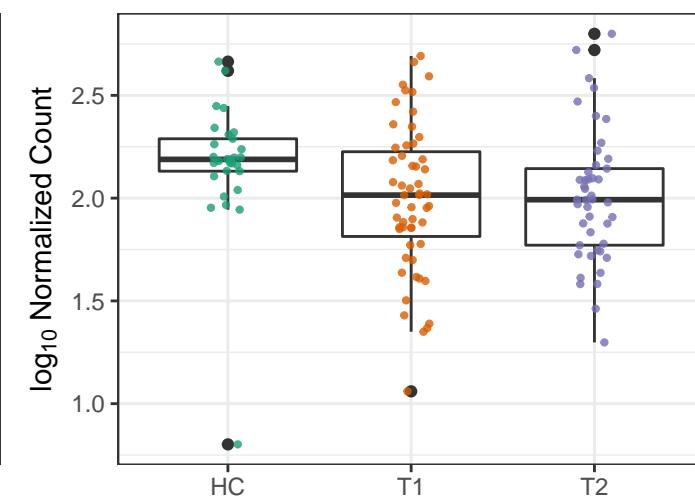


### *Filimonas*

HC vs. T1 p = 0.048

HC vs. T2 p = 0.064

T1 vs. T2 p = 1

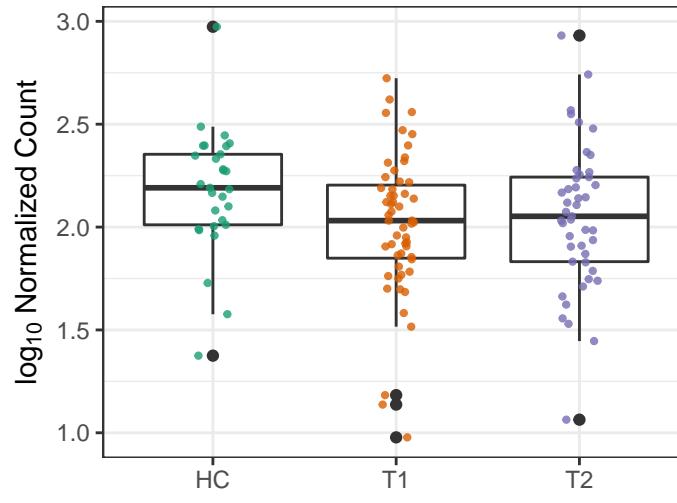


### *Pragia*

HC vs. T1 p = 0.048

HC vs. T2 p = 0.15

T1 vs. T2 p = 0.78

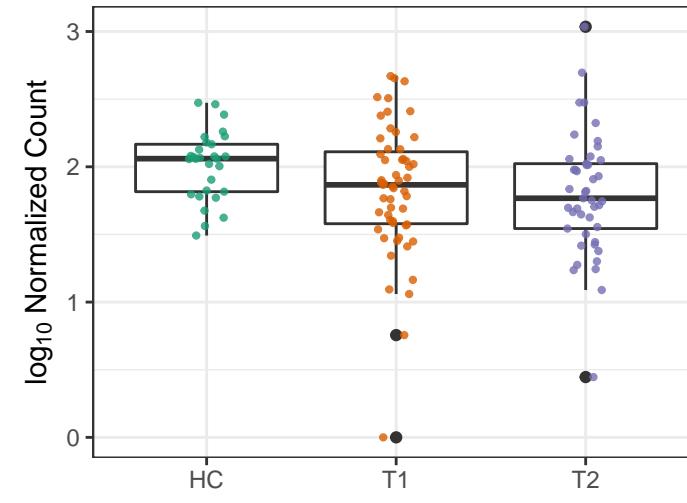


### Unclassified Desulfuromonadales Order

HC vs. T1 p = 0.048

HC vs. T2 p = 0.03

T1 vs. T2 p = 1

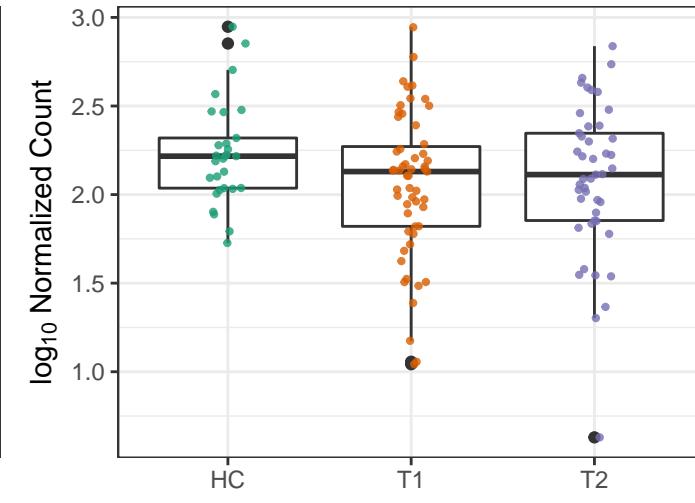


### *Cardiobacterium*

HC vs. T1 p = 0.048

HC vs. T2 p = 0.13

T1 vs. T2 p = 0.78

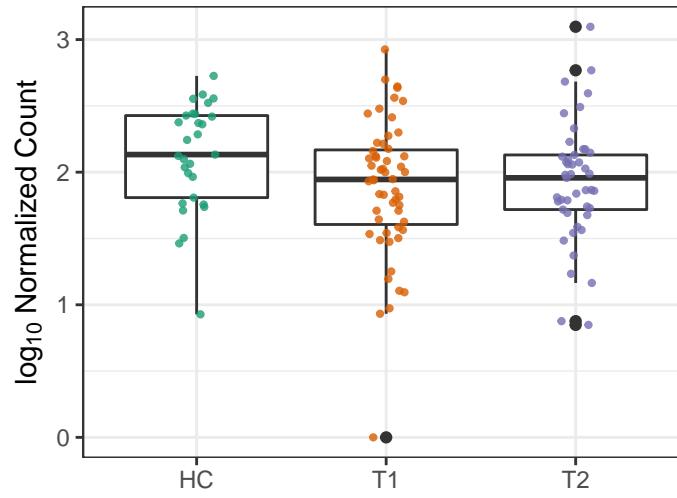


### *Bradymonas*

HC vs. T1 p = 0.049

HC vs. T2 p = 0.092

T1 vs. T2 p = 0.8

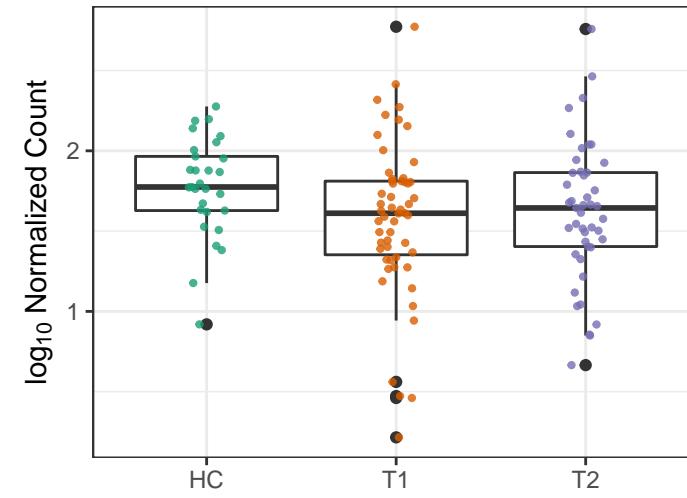


### *Pleurocapsa*

HC vs. T1 p = 0.049

HC vs. T2 p = 0.12

T1 vs. T2 p = 0.79

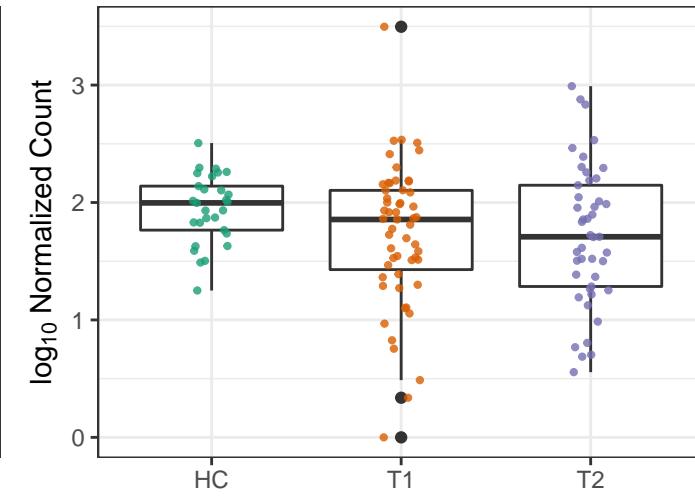


### *Luteimicrobium*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.062

T1 vs. T2 p = 0.97

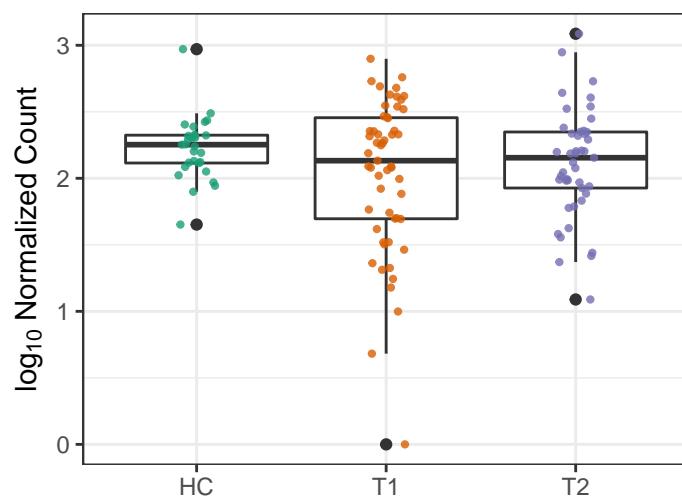


### *Methylosinus*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.17

T1 vs. T2 p = 0.78

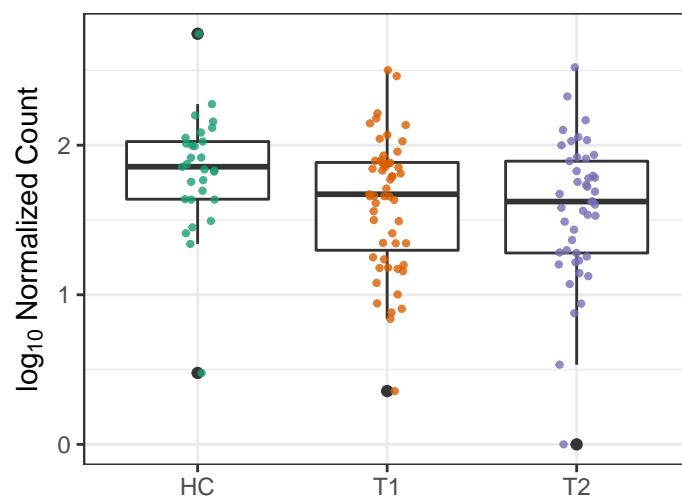


### *Debaryomyces*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.03

T1 vs. T2 p = 0.83

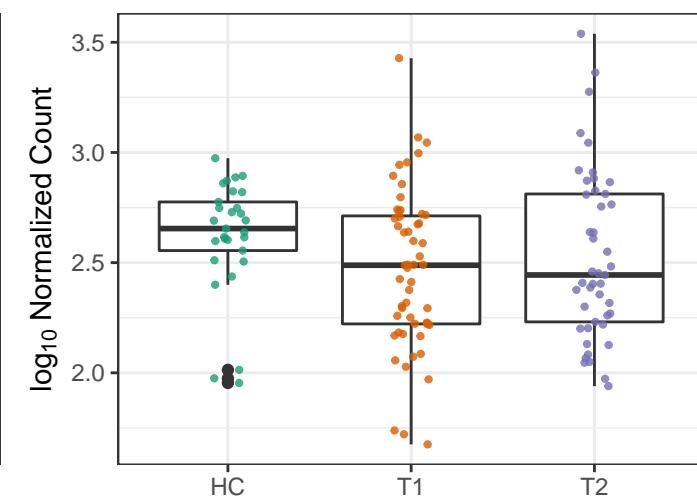


### *Filifactor*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.28

T1 vs. T2 p = 0.79

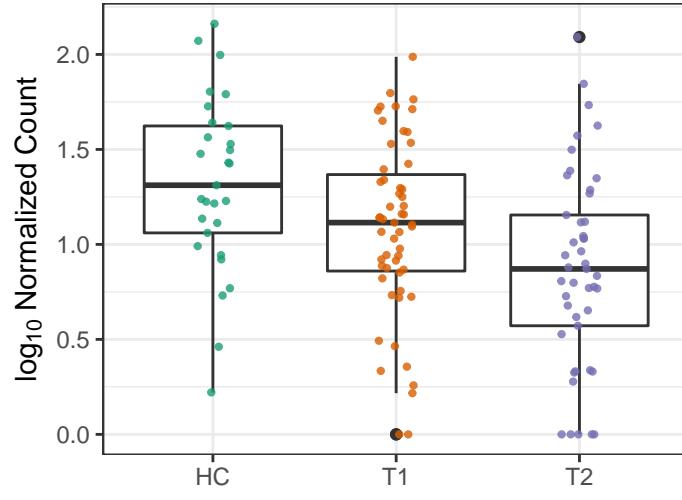


### *Candidatus Gullanella*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.0052

T1 vs. T2 p = 0.71

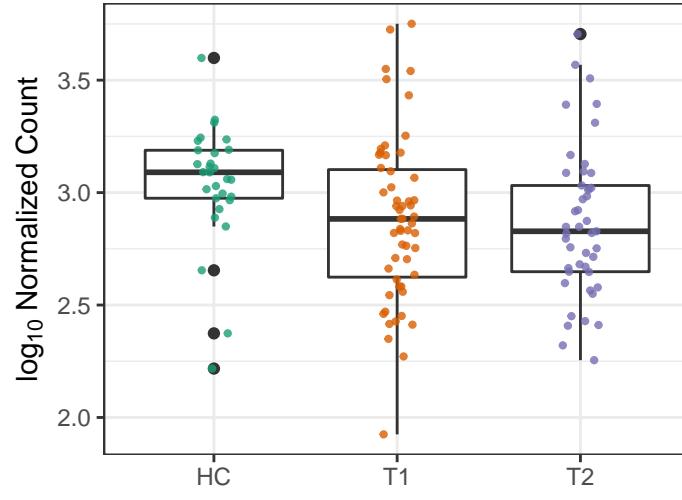


### *Peptoniphilus*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.038

T1 vs. T2 p = 0.98

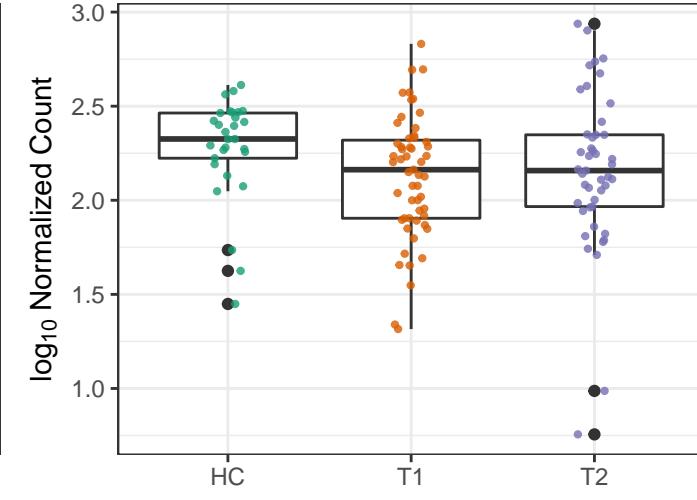


### *Anoxybacter*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.19

T1 vs. T2 p = 0.91

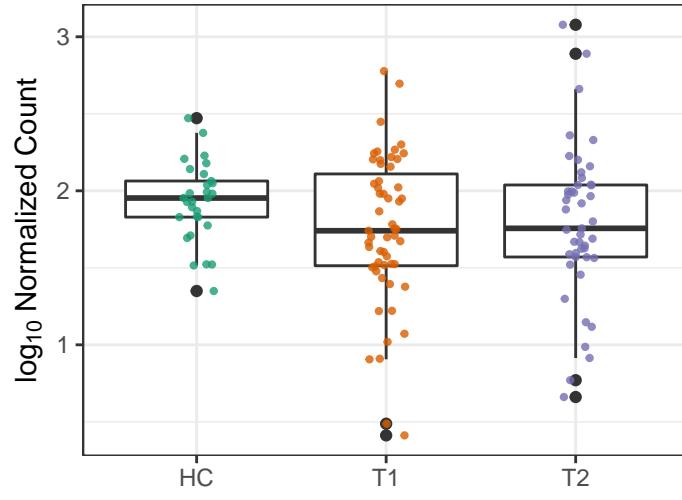


### *Polymorphum*

HC vs. T1 p = 0.05

HC vs. T2 p = 0.16

T1 vs. T2 p = 0.85

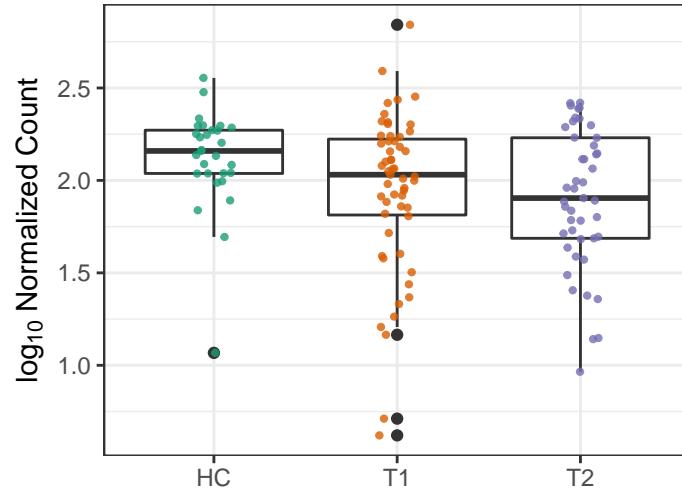


### *Dyadobacter*

HC vs. T1 p = 0.051

HC vs. T2 p = 0.022

T1 vs. T2 p = 0.79

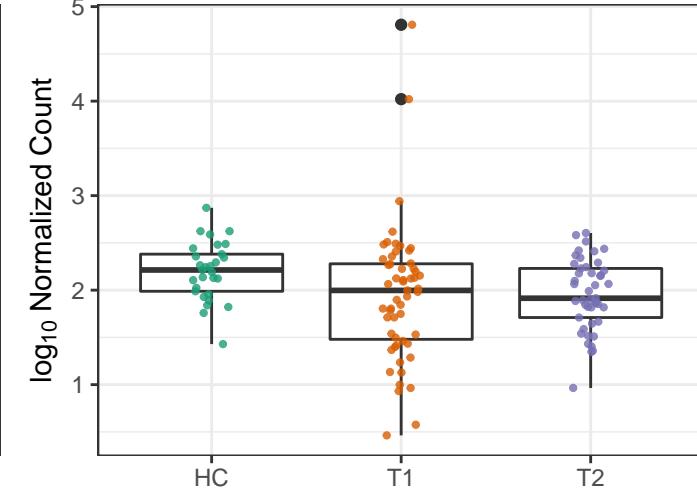


### *Actinotignum*

HC vs. T1 p = 0.051

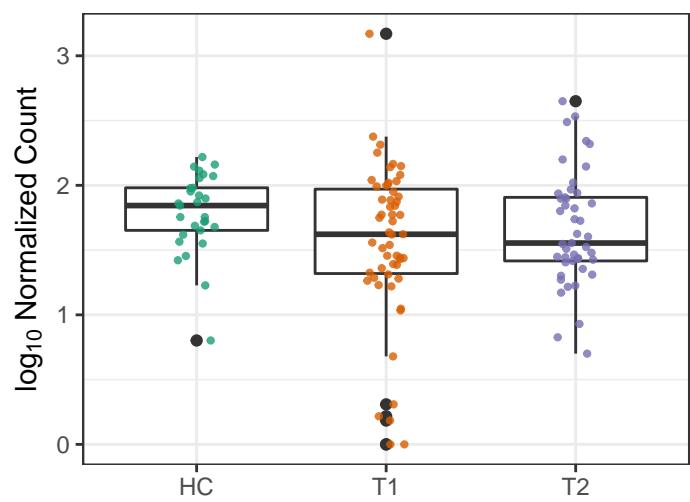
HC vs. T2 p = 0.017

T1 vs. T2 p = 0.91



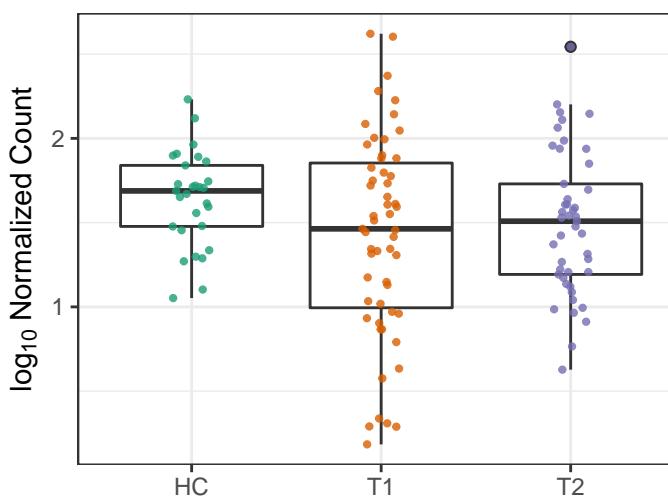
### Candidatus Symbiobacter

HC vs. T1 p = 0.051  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.78



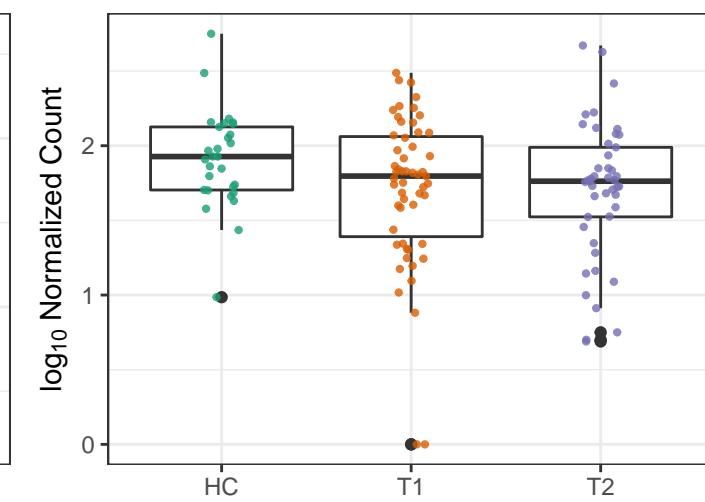
### Halopiger

HC vs. T1 p = 0.051  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.78



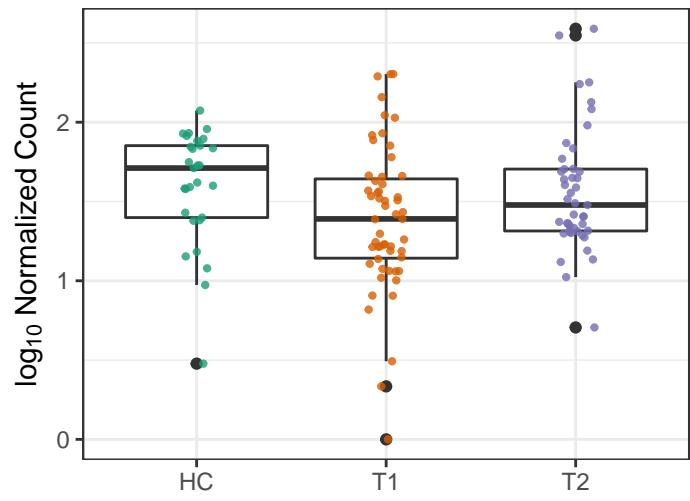
### Thermochromatium

HC vs. T1 p = 0.051  
HC vs. T2 p = 0.049  
T1 vs. T2 p = 0.97



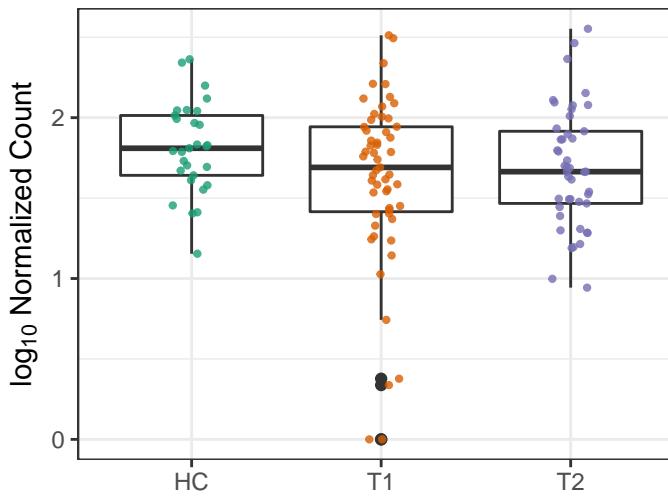
### Hirschia

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.71  
T1 vs. T2 p = 0.78



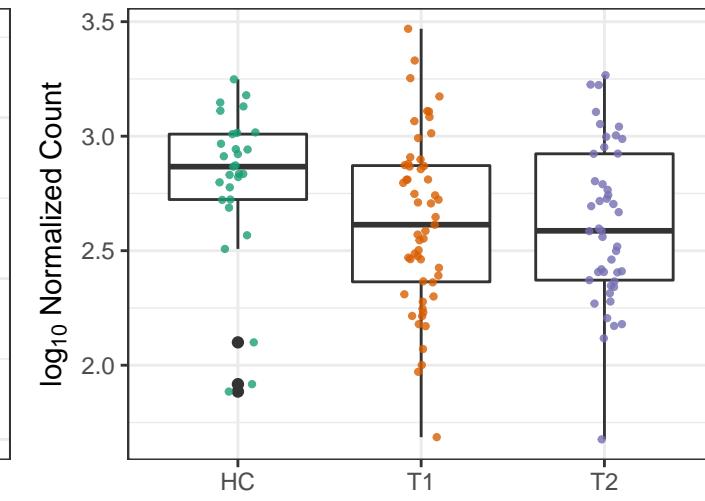
### Acidothermus

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.78



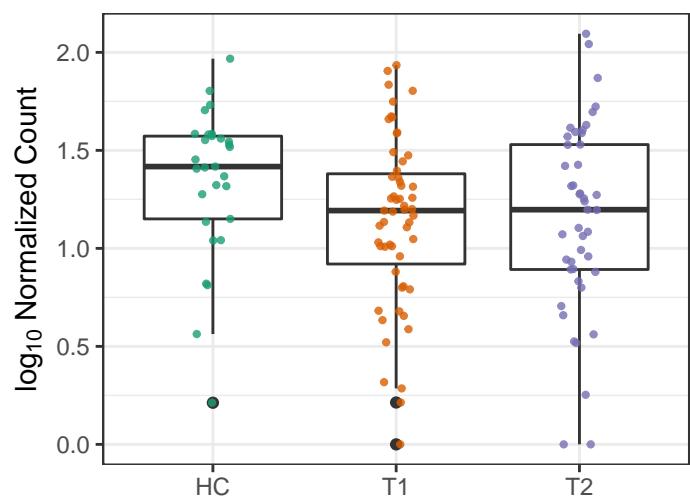
### Francisella

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.05  
T1 vs. T2 p = 0.97



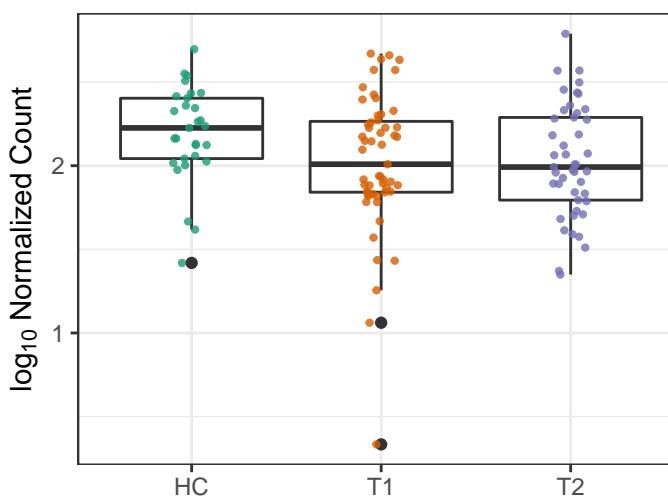
### Otariodibacter

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.098  
T1 vs. T2 p = 0.92



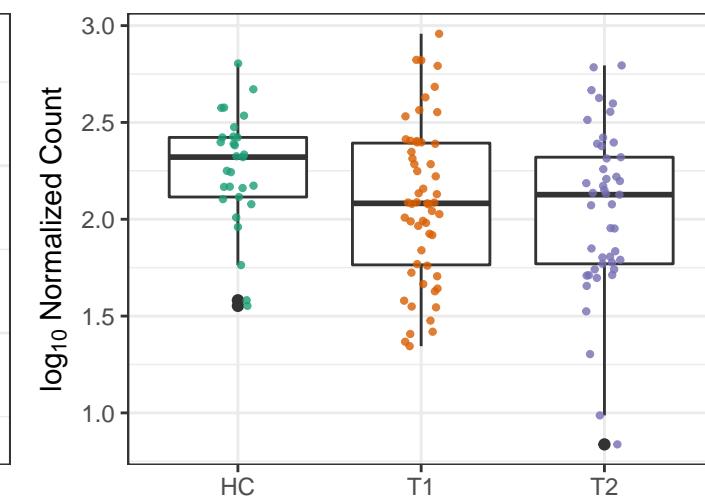
### Moritella

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 1



### Halobacteriovorax

HC vs. T1 p = 0.053  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.91

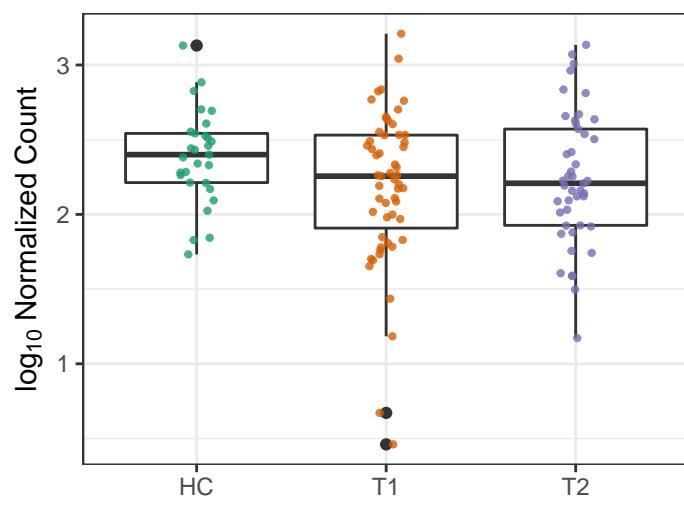


### Dehalogenimonas

HC vs. T1 p = 0.054

HC vs. T2 p = 0.14

T1 vs. T2 p = 0.78

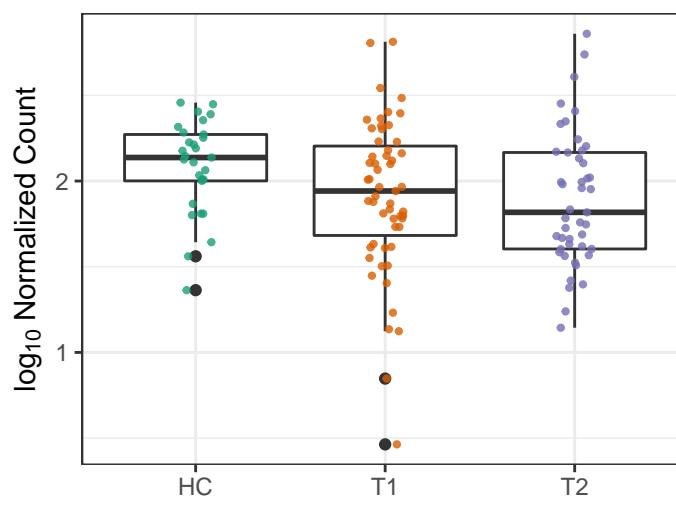


### Caldithrix

HC vs. T1 p = 0.054

HC vs. T2 p = 0.032

T1 vs. T2 p = 0.9

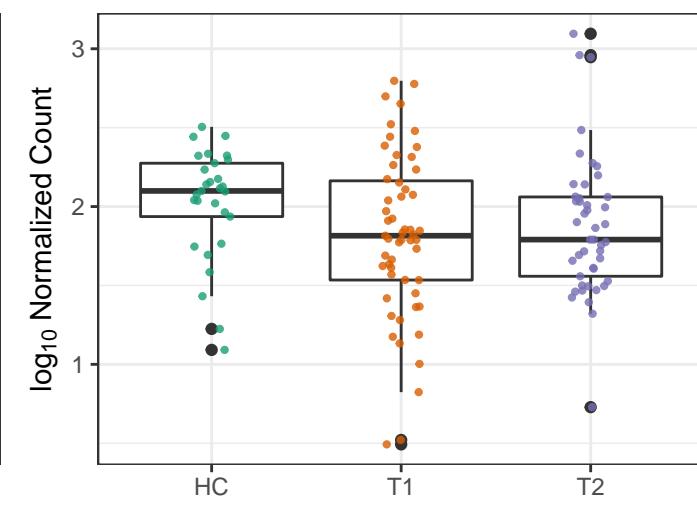


### Methylophaga

HC vs. T1 p = 0.054

HC vs. T2 p = 0.15

T1 vs. T2 p = 0.81

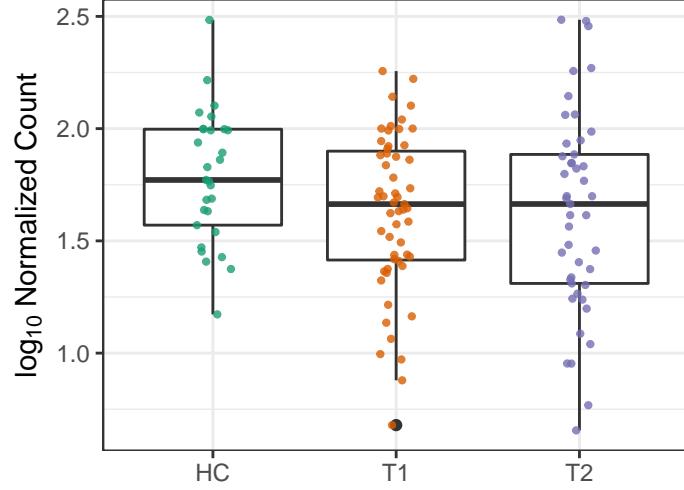


### Muriicola

HC vs. T1 p = 0.054

HC vs. T2 p = 0.1

T1 vs. T2 p = 0.99

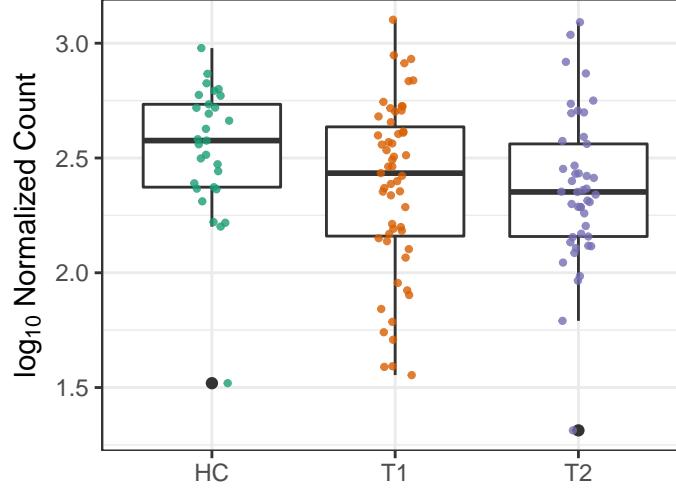


### Rufibacter

HC vs. T1 p = 0.055

HC vs. T2 p = 0.043

T1 vs. T2 p = 1

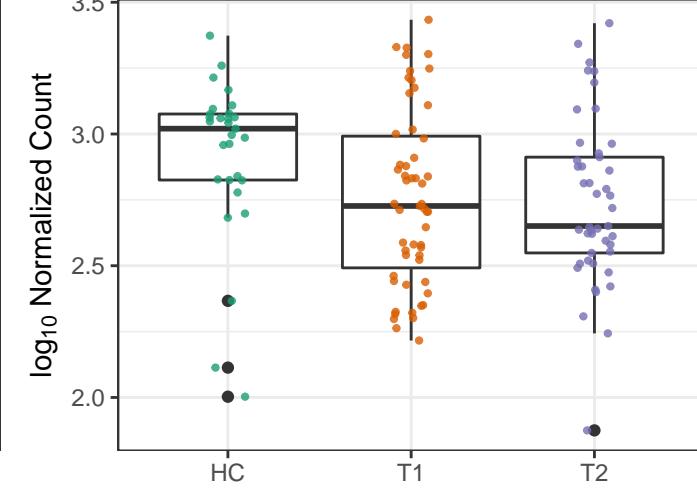


### Lysinibacillus

HC vs. T1 p = 0.055

HC vs. T2 p = 0.044

T1 vs. T2 p = 0.91

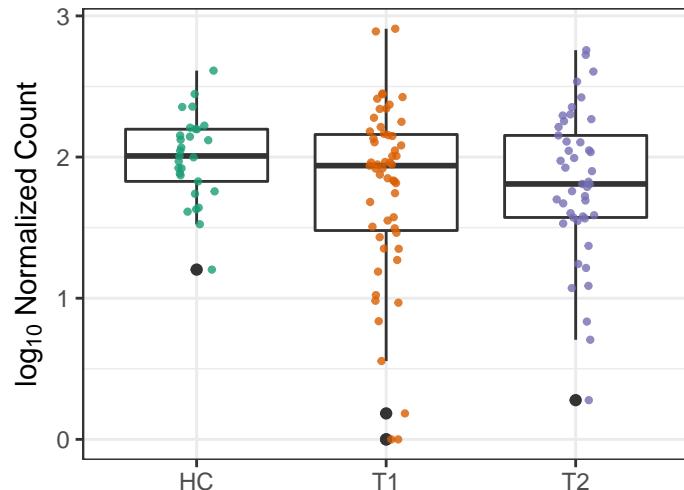


### Unclassified Desulfovibrionales Order

HC vs. T1 p = 0.055

HC vs. T2 p = 0.1

T1 vs. T2 p = 0.82

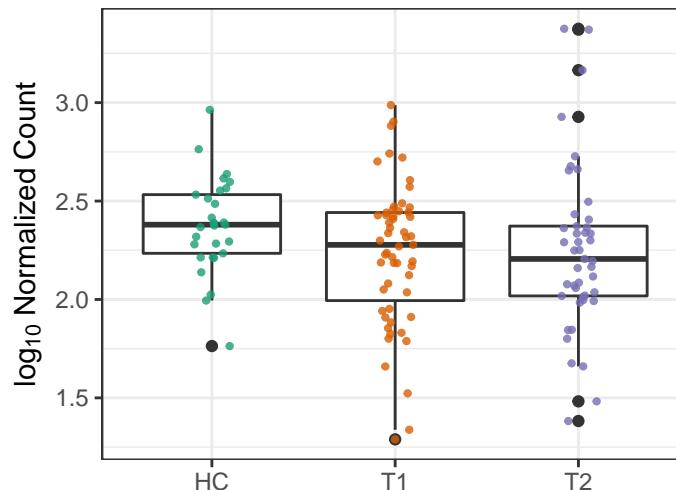


### Methylomicrobium

HC vs. T1 p = 0.056

HC vs. T2 p = 0.15

T1 vs. T2 p = 0.81

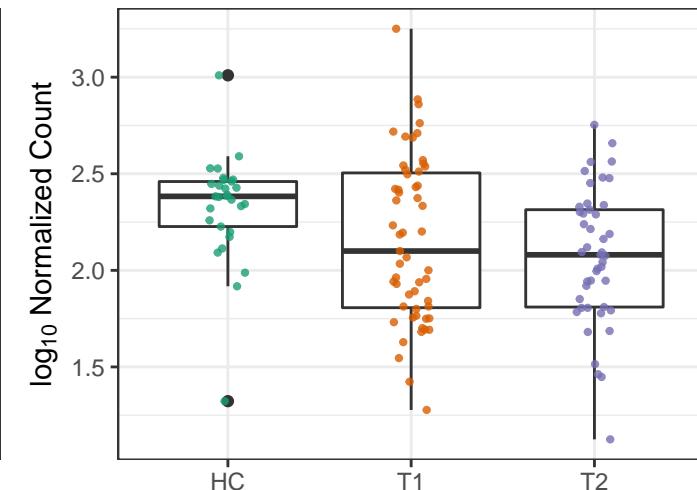


### Ezakiella

HC vs. T1 p = 0.056

HC vs. T2 p = 0.0097

T1 vs. T2 p = 0.78

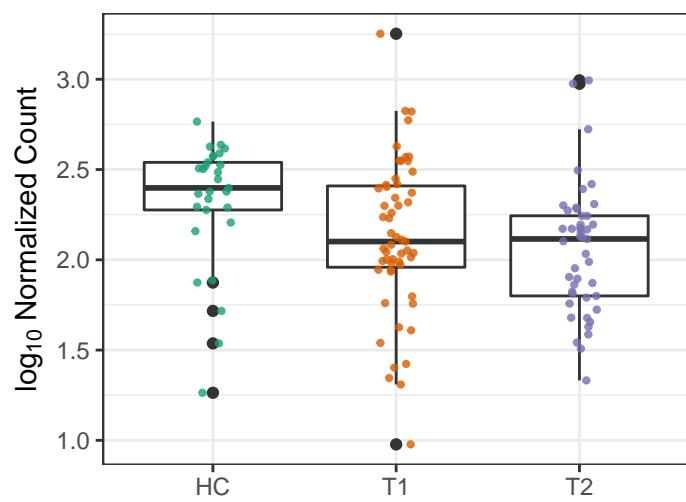


### *Fastidiosipila*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.015

T1 vs. T2 p = 0.78

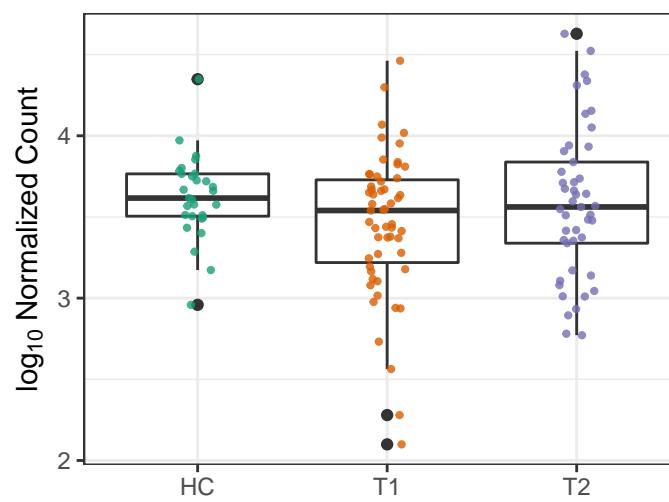


### *Caproiciproducens*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.64

T1 vs. T2 p = 0.78

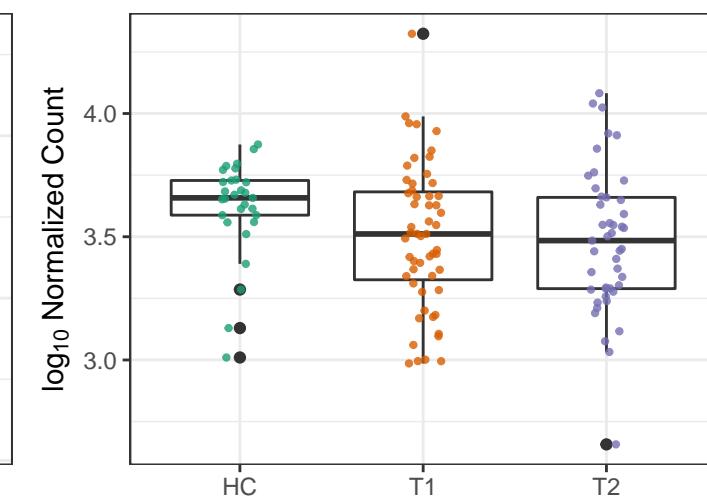


### *Chryseobacterium*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.043

T1 vs. T2 p = 0.89

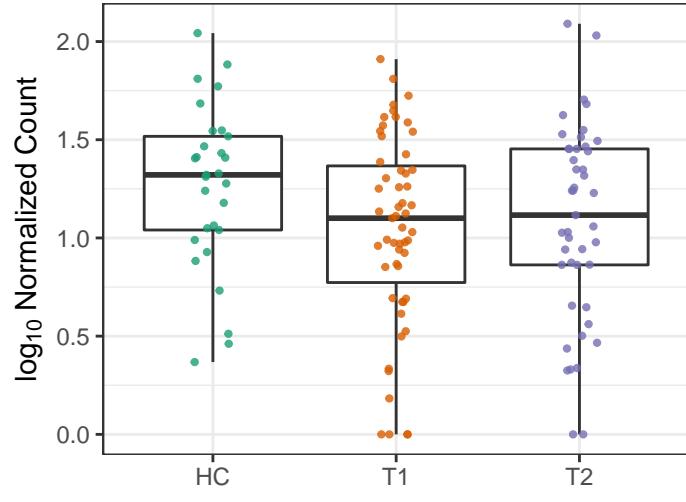


### *Tropheryma*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.14

T1 vs. T2 p = 0.91

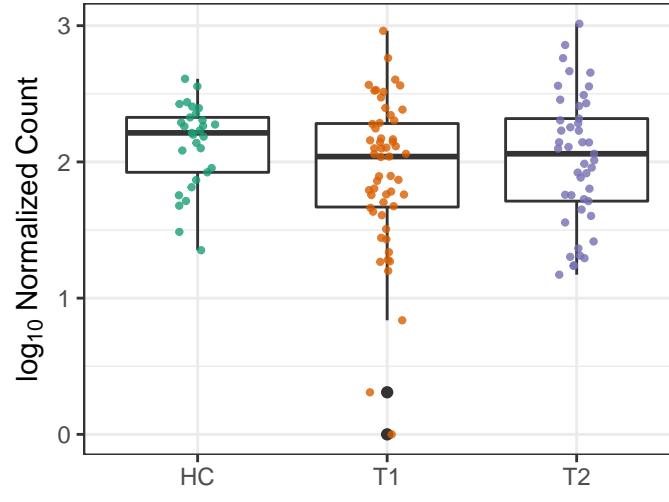


### *Micropruina*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.29

T1 vs. T2 p = 0.78

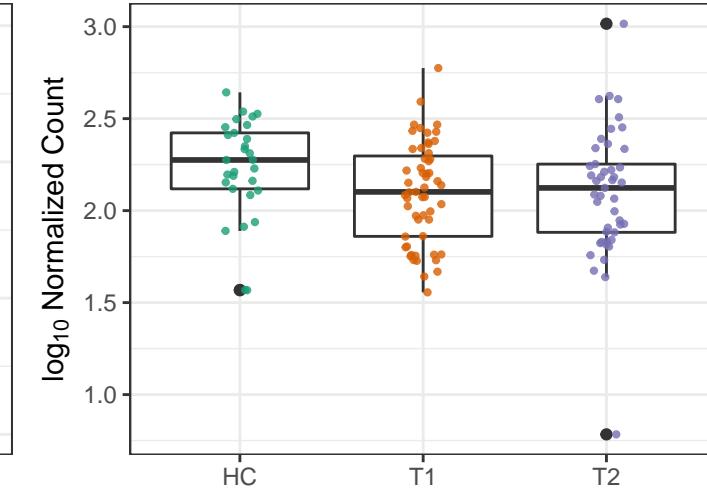


### *Tatumella*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.096

T1 vs. T2 p = 0.97

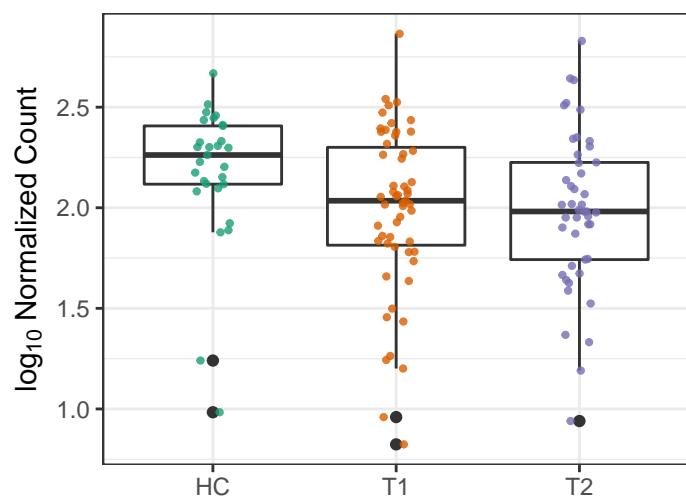


### *Solitalea*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.06

T1 vs. T2 p = 0.98

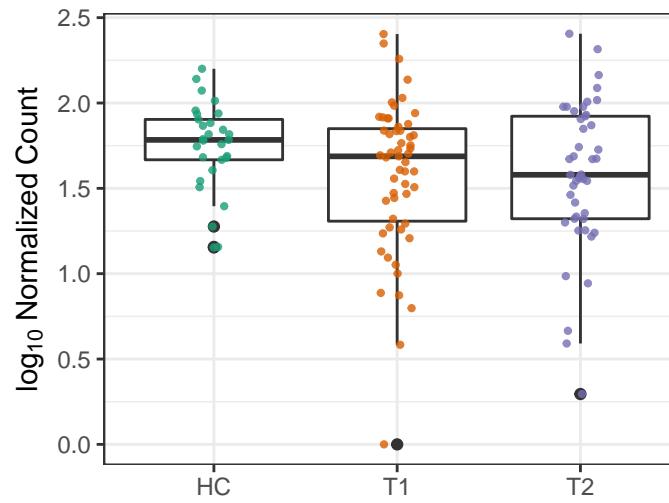


### *Gloeomargarita*

HC vs. T1 p = 0.056

HC vs. T2 p = 0.071

T1 vs. T2 p = 0.91

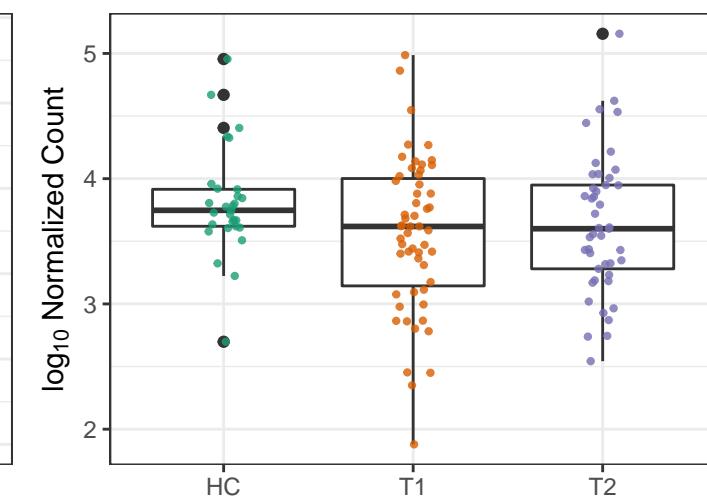


### *Olsenella*

HC vs. T1 p = 0.056

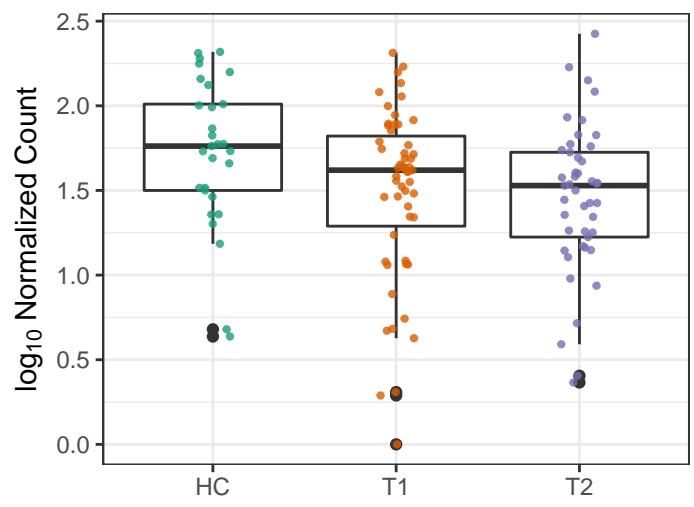
HC vs. T2 p = 0.19

T1 vs. T2 p = 0.78



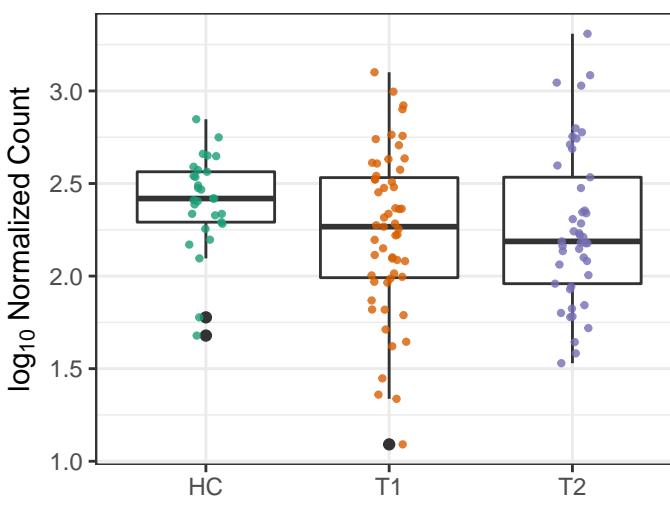
### *Wolinella*

HC vs. T1 p = 0.056  
 HC vs. T2 p = 0.032  
 T1 vs. T2 p = 0.86



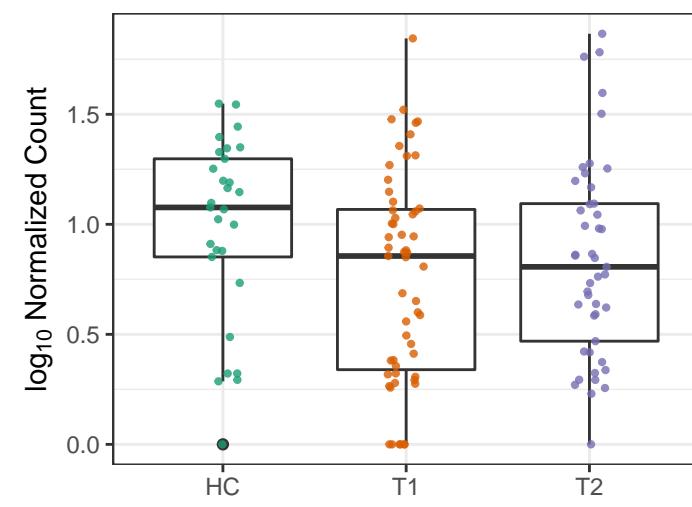
### Unclassified Bradyrhizobiaceae Family

HC vs. T1 p = 0.057  
 HC vs. T2 p = 0.13  
 T1 vs. T2 p = 0.92



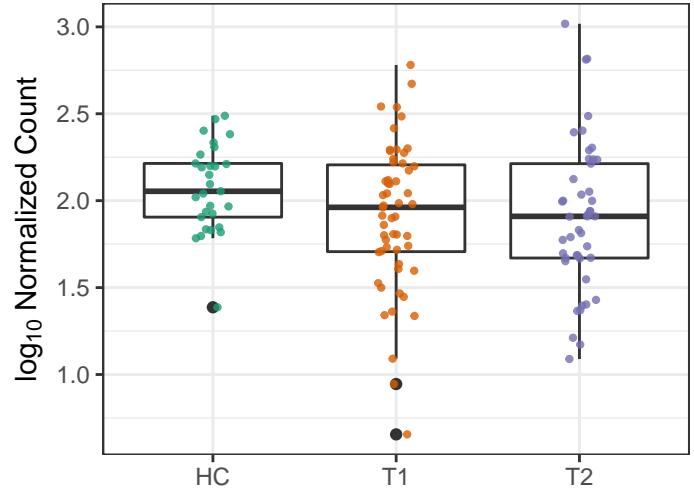
### *Candidatus Hoaglandella*

HC vs. T1 p = 0.057  
 HC vs. T2 p = 0.22  
 T1 vs. T2 p = 0.86



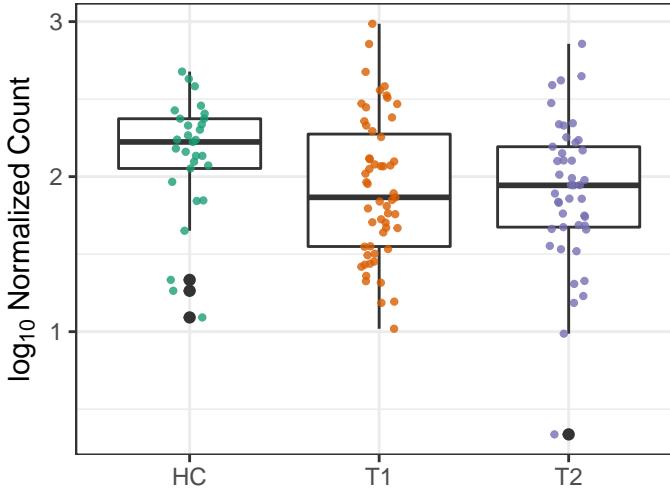
### *Croceicoccus*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.074  
 T1 vs. T2 p = 0.95



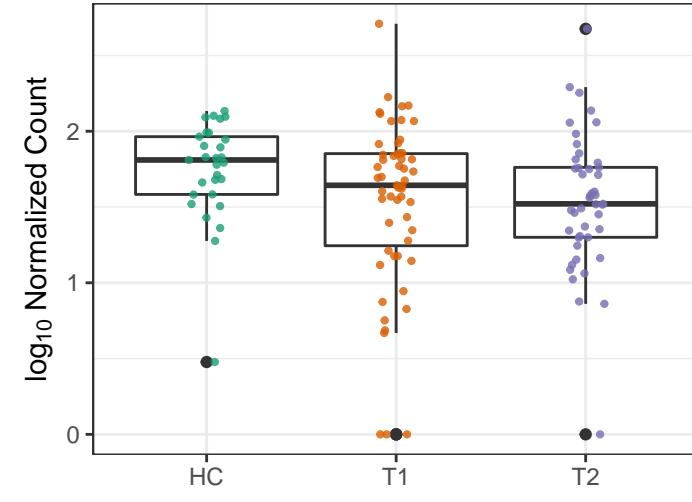
### *Marinitoga*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.05  
 T1 vs. T2 p = 0.92



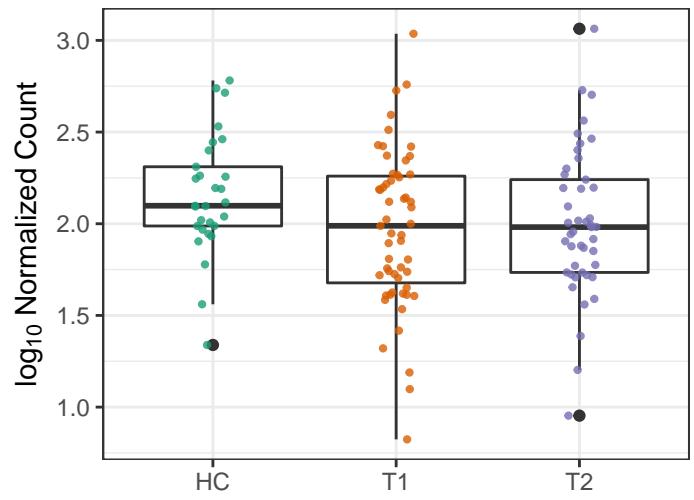
### *Woeseia*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.054  
 T1 vs. T2 p = 0.92



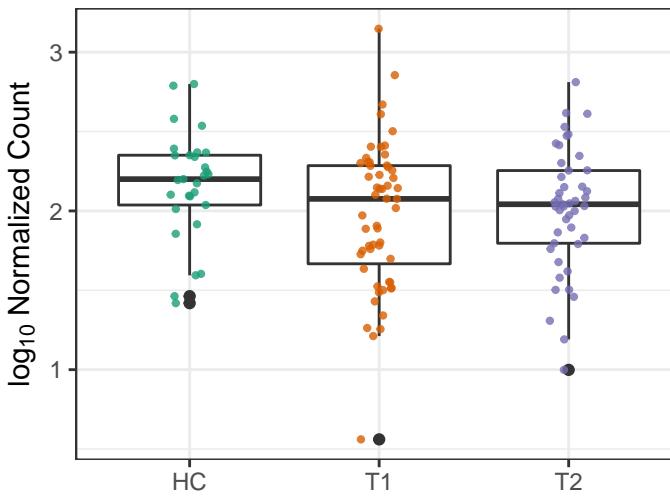
### *Gynuella*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.12  
 T1 vs. T2 p = 0.81



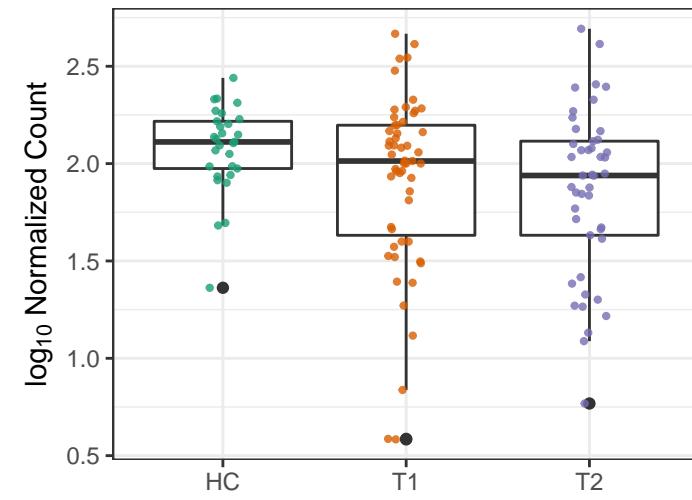
### *Cobetia*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.12  
 T1 vs. T2 p = 0.79



### *Nitrobacter*

HC vs. T1 p = 0.058  
 HC vs. T2 p = 0.022  
 T1 vs. T2 p = 0.94

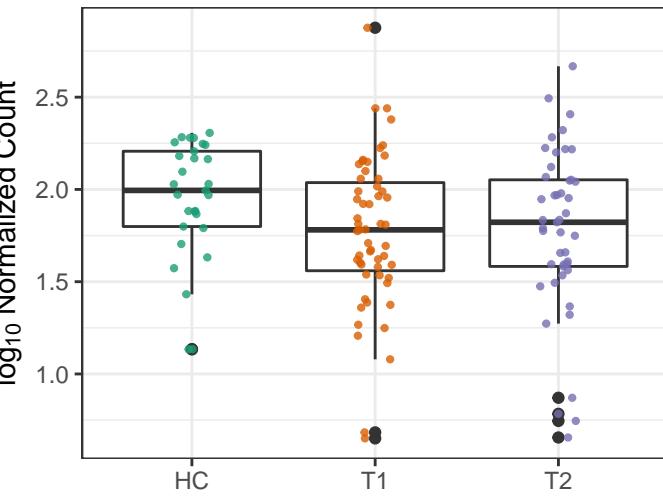


### *Thermodesulfobacter*

HC vs. T1 p = 0.058

HC vs. T2 p = 0.1

T1 vs. T2 p = 0.97

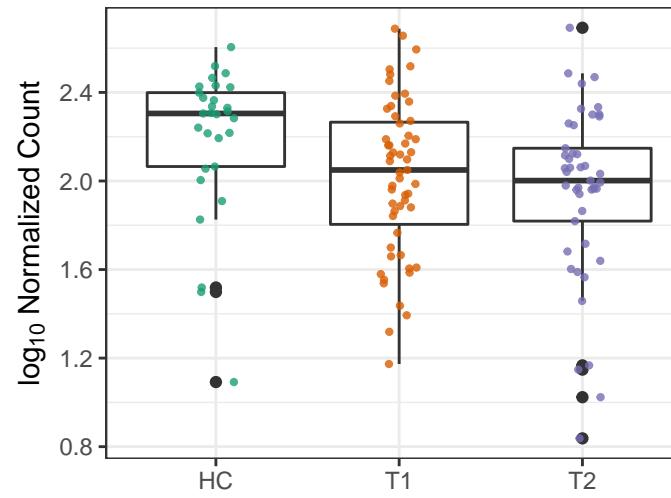


### *Kordia*

HC vs. T1 p = 0.058

HC vs. T2 p = 0.024

T1 vs. T2 p = 0.78

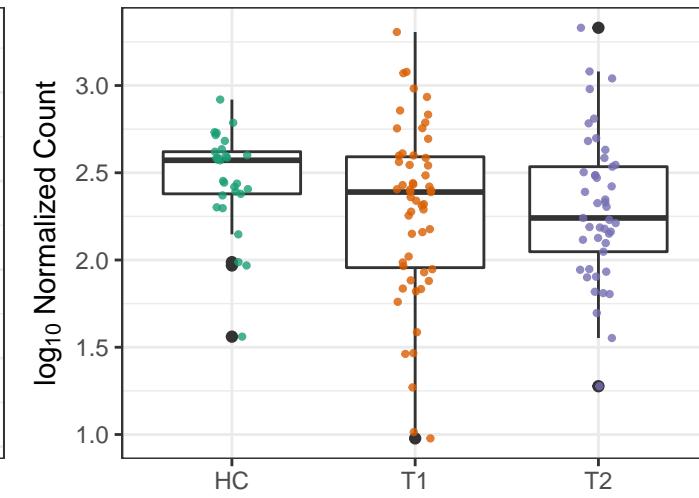


### *Candidatus Desulforudis*

HC vs. T1 p = 0.059

HC vs. T2 p = 0.068

T1 vs. T2 p = 0.81

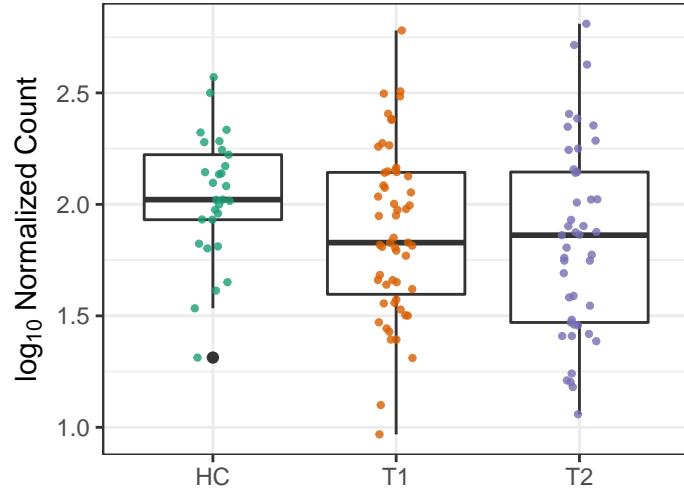


### *Kluyveromyces*

HC vs. T1 p = 0.059

HC vs. T2 p = 0.046

T1 vs. T2 p = 0.78

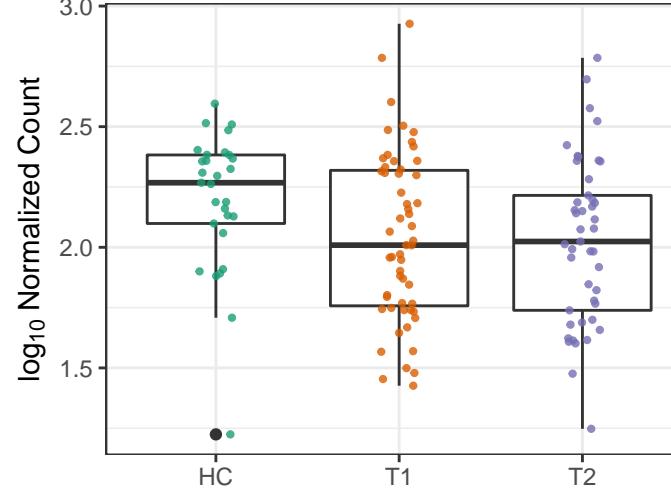


### *Aeribacillus*

HC vs. T1 p = 0.059

HC vs. T2 p = 0.047

T1 vs. T2 p = 0.98

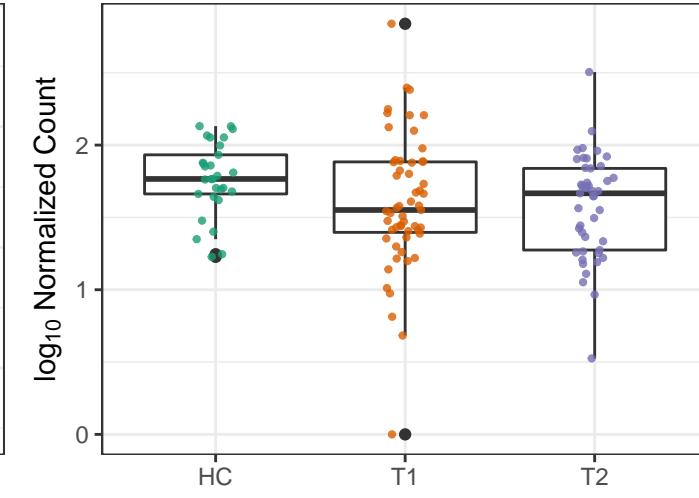


### *Orbus*

HC vs. T1 p = 0.059

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.97

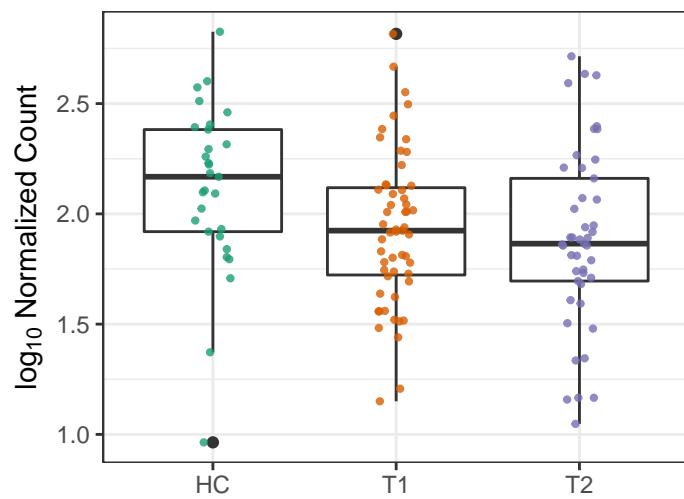


### *Sulfurihydrogenibium*

HC vs. T1 p = 0.059

HC vs. T2 p = 0.039

T1 vs. T2 p = 0.83

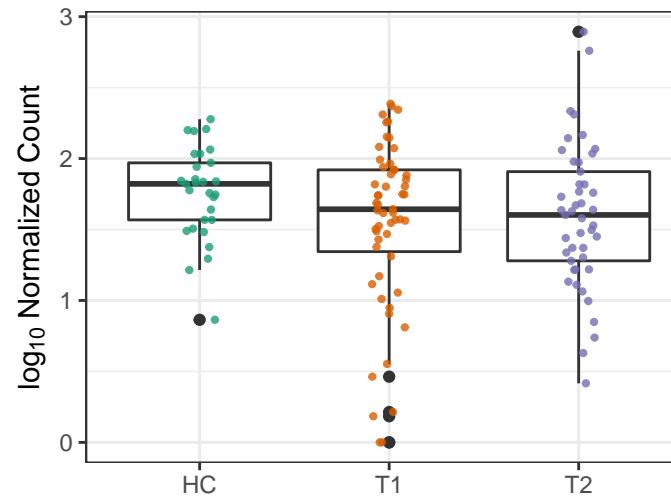


### *Candidatus Methanomethylophilus*

HC vs. T1 p = 0.06

HC vs. T2 p = 0.13

T1 vs. T2 p = 0.78

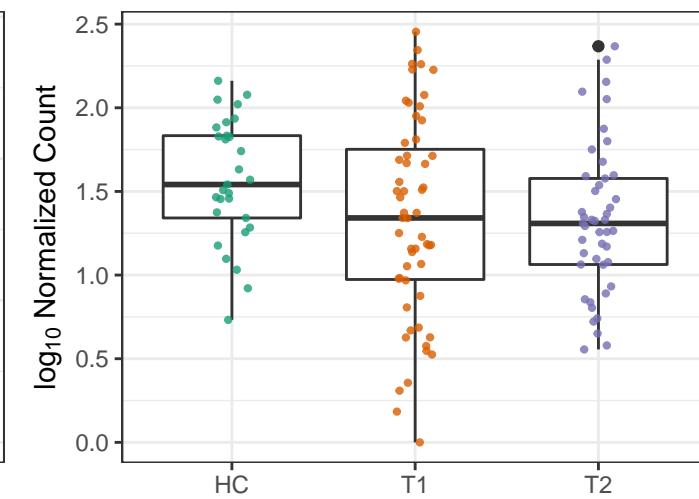


### *Salarchaeum*

HC vs. T1 p = 0.06

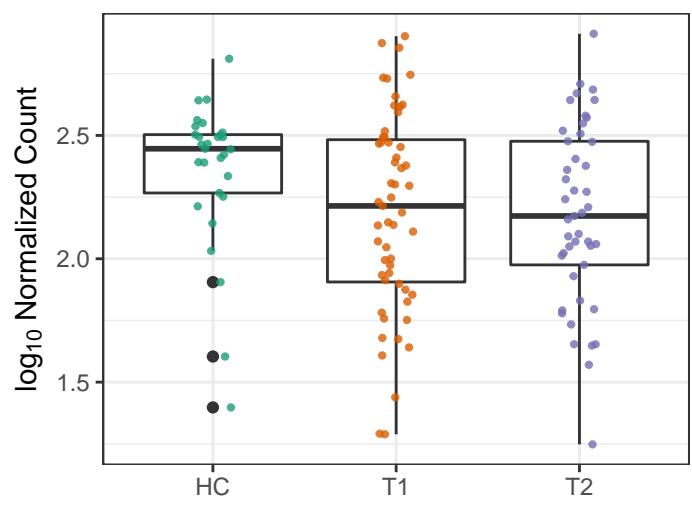
HC vs. T2 p = 0.035

T1 vs. T2 p = 0.97



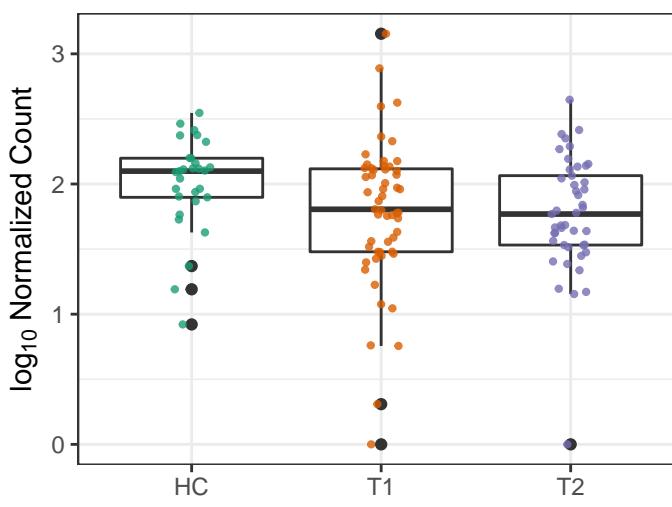
### Acetoanaerobium

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.051  
T1 vs. T2 p = 0.91



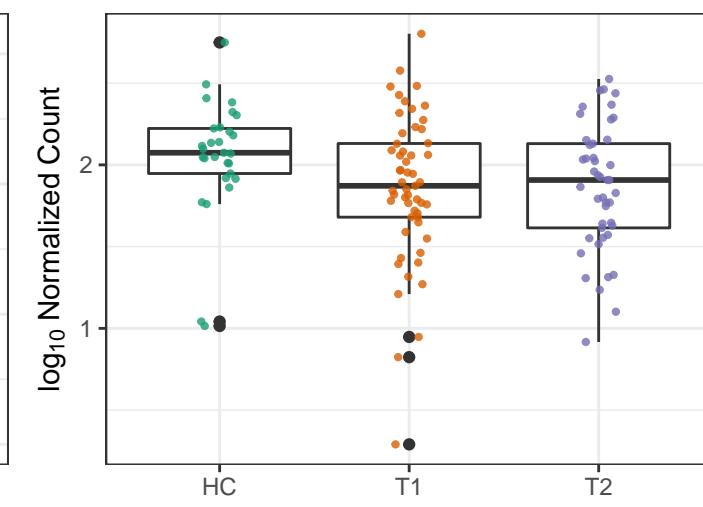
### Aromatoleum

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.038  
T1 vs. T2 p = 0.99



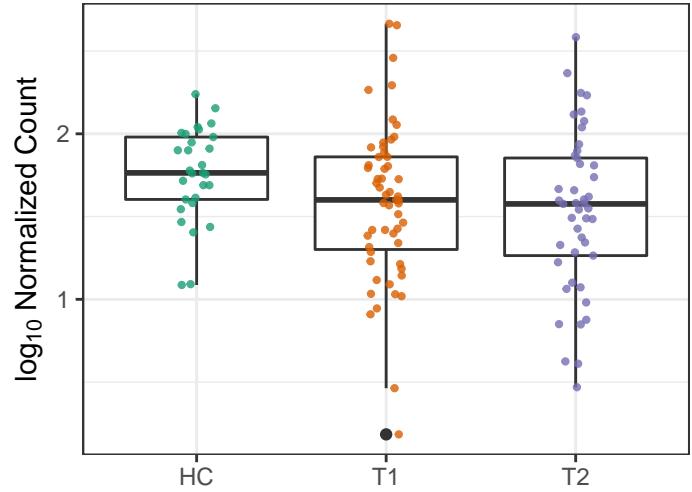
### Jannaschia

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.06  
T1 vs. T2 p = 0.89



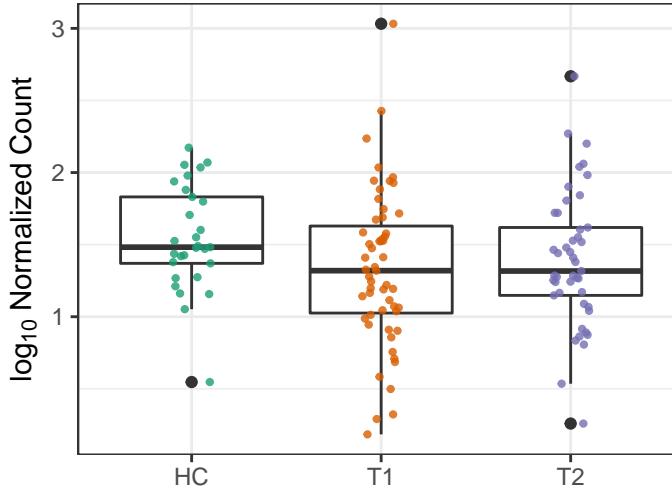
### Permianibacter

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.85



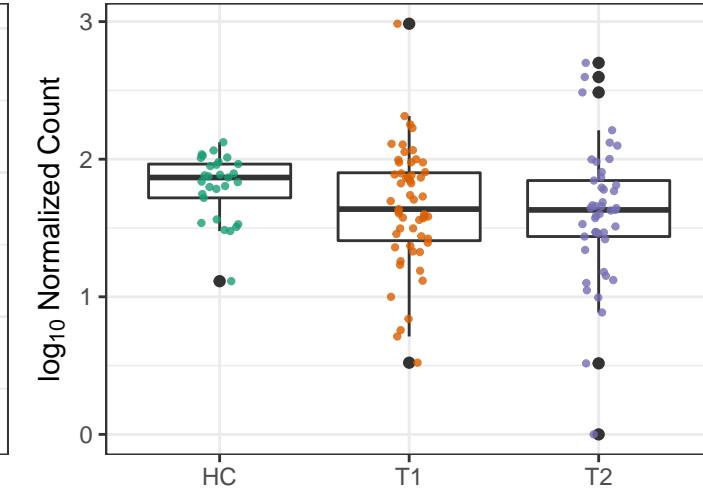
### Unclassified Euryarchaeota Phylum

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.78



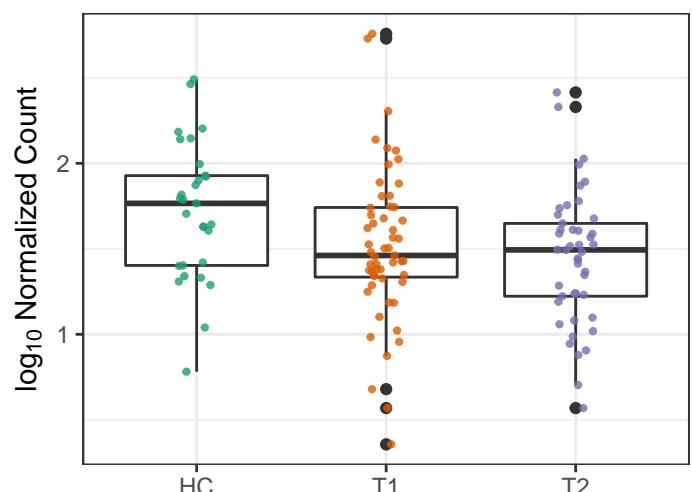
### Thioploca

HC vs. T1 p = 0.06  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.8



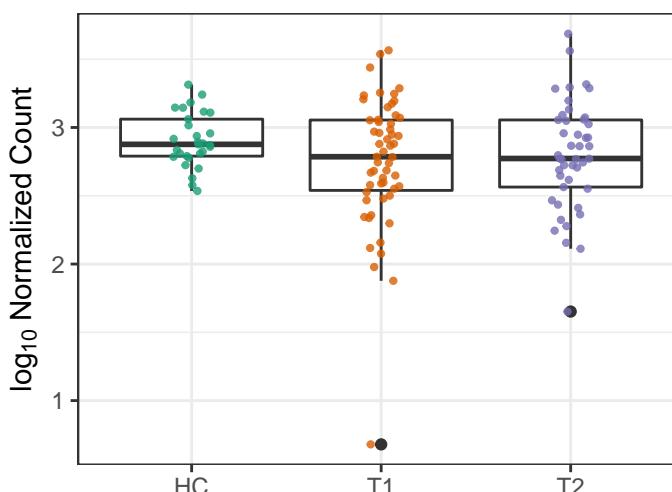
### Chroococcidiopsis

HC vs. T1 p = 0.061  
HC vs. T2 p = 0.02  
T1 vs. T2 p = 0.81



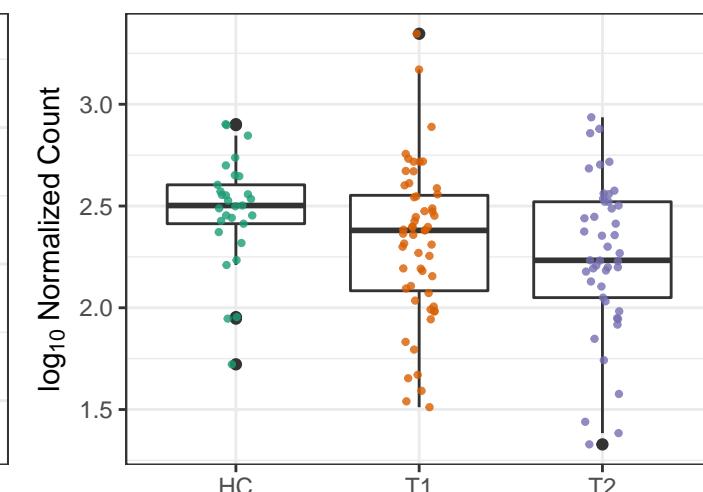
### Thermus

HC vs. T1 p = 0.061  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.79



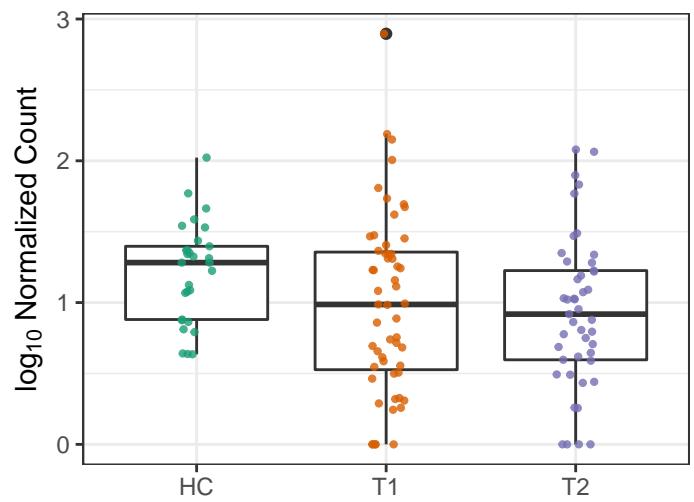
### Unclassified Sphingobacteriaceae Fam

HC vs. T1 p = 0.061  
HC vs. T2 p = 0.018  
T1 vs. T2 p = 0.78



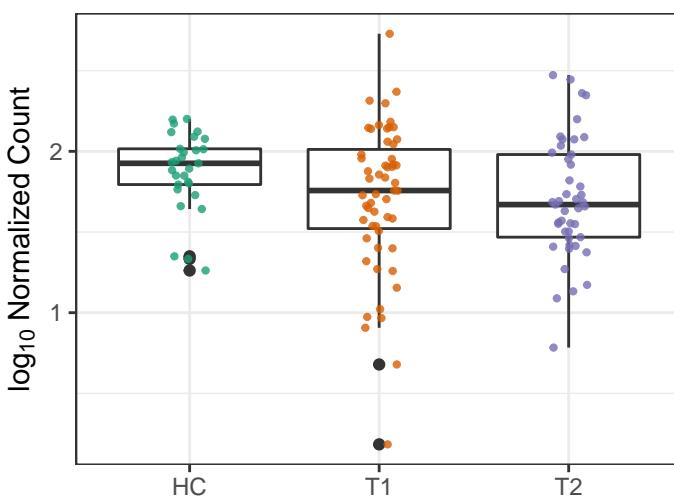
### Thermoplasma

HC vs. T1 p = 0.061  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



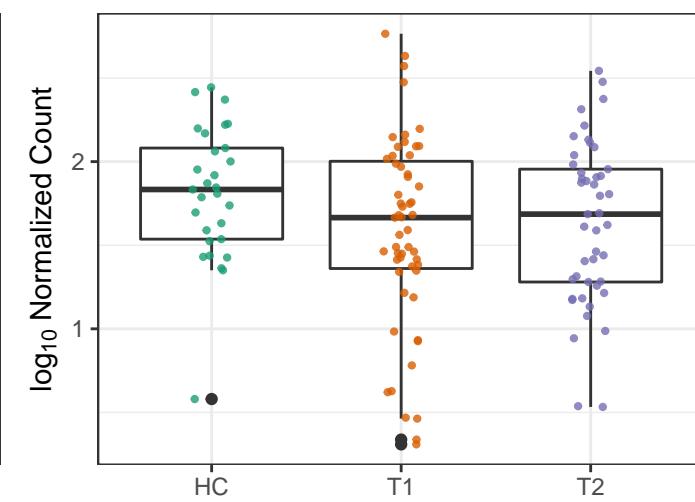
### Bremerella

HC vs. T1 p = 0.062  
HC vs. T2 p = 0.041  
T1 vs. T2 p = 0.81



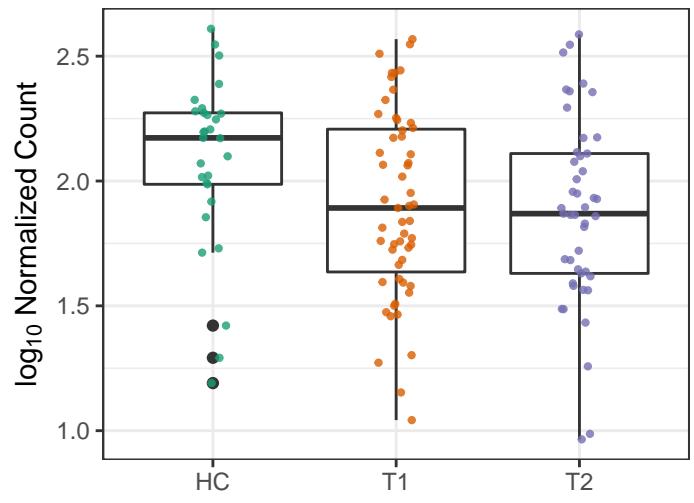
### Parvibaculum

HC vs. T1 p = 0.062  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.78



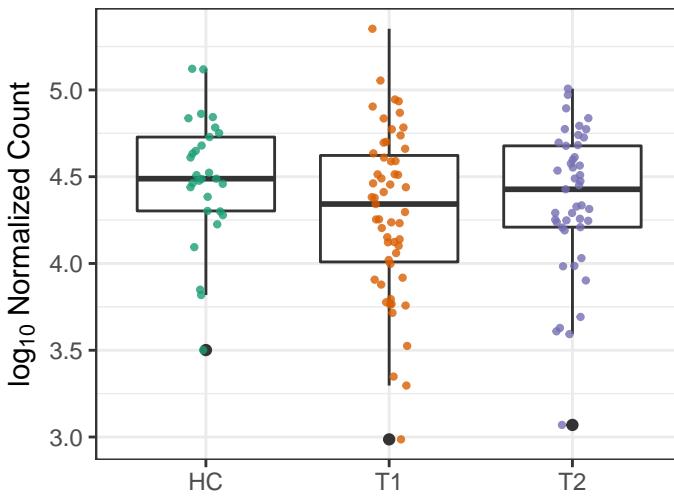
### Rummeliibacillus

HC vs. T1 p = 0.063  
HC vs. T2 p = 0.043  
T1 vs. T2 p = 0.96



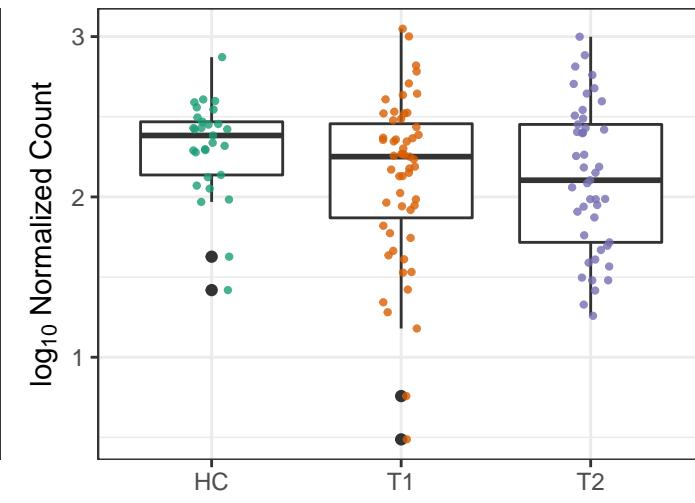
### Christensenella

HC vs. T1 p = 0.063  
HC vs. T2 p = 0.2  
T1 vs. T2 p = 0.78



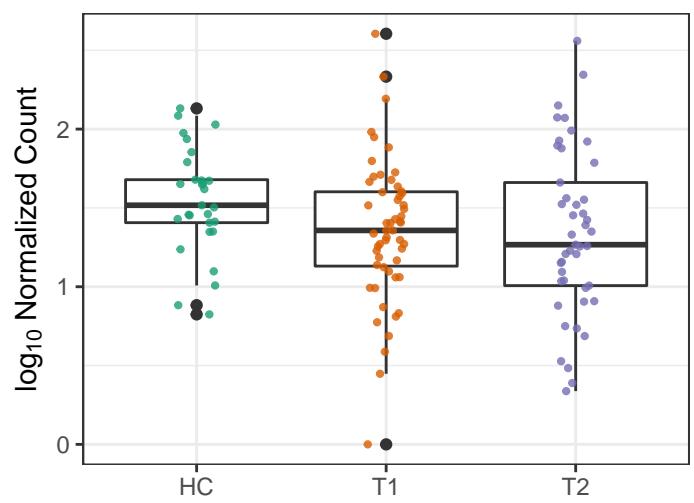
### Desulfocurvibacter

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.057  
T1 vs. T2 p = 0.93



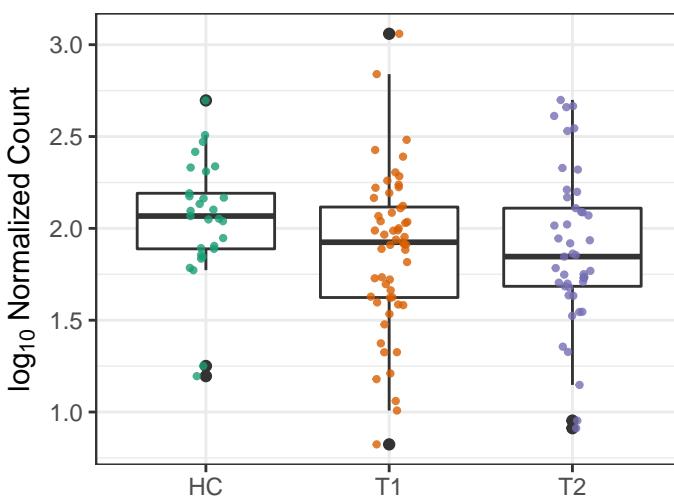
### Litorilituus

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.075  
T1 vs. T2 p = 0.97



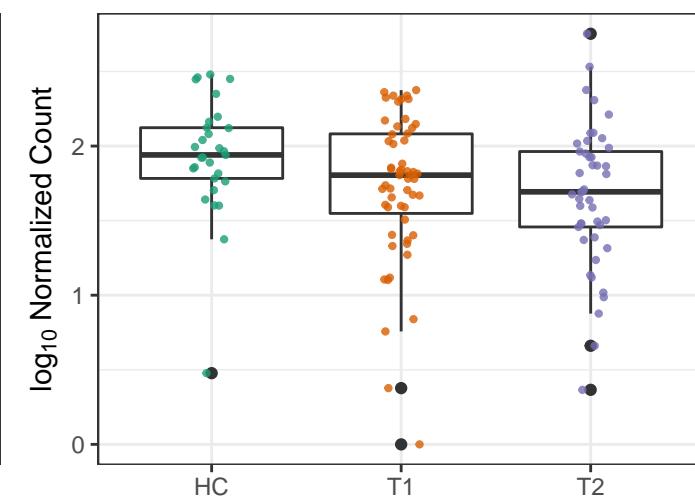
### Chloroherpeton

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.81



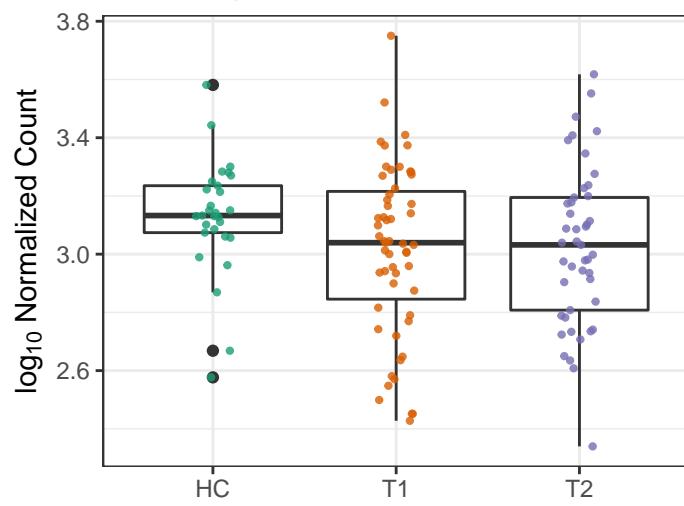
### Maritalea

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.032  
T1 vs. T2 p = 0.83



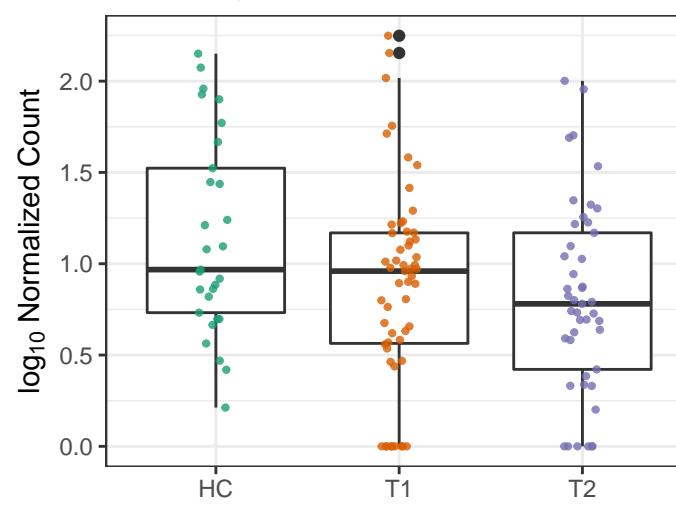
### Mucilaginibacter

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.093  
T1 vs. T2 p = 0.98



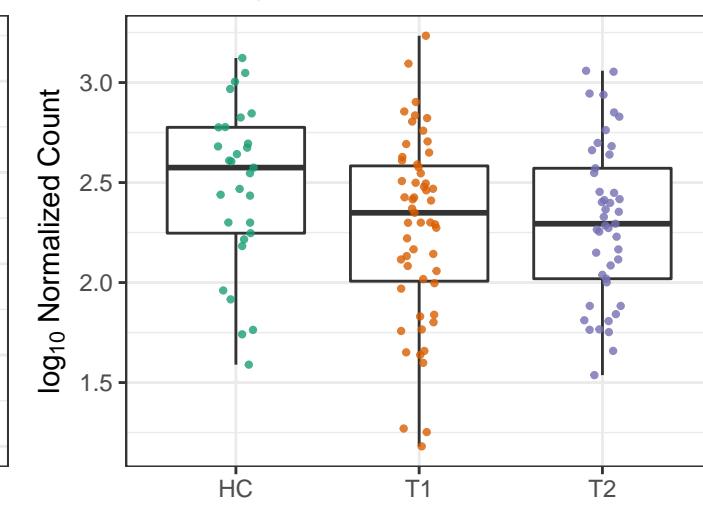
### Unclassified Entomoplasmatales Order

HC vs. T1 p = 0.064  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.78



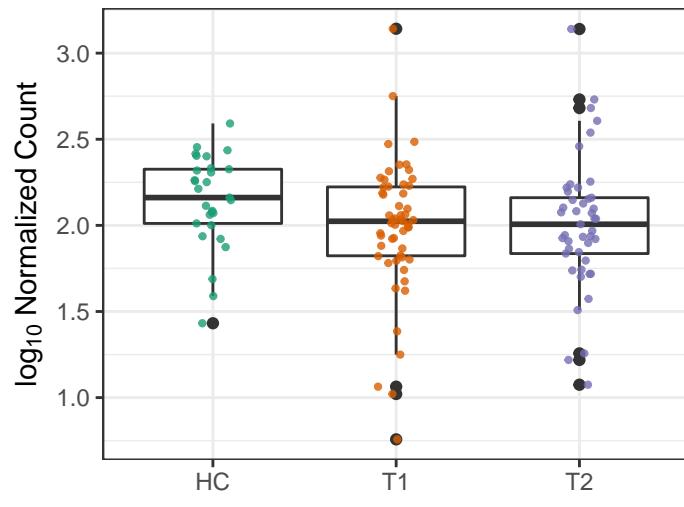
### Dermabacter

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.1  
T1 vs. T2 p = 0.85



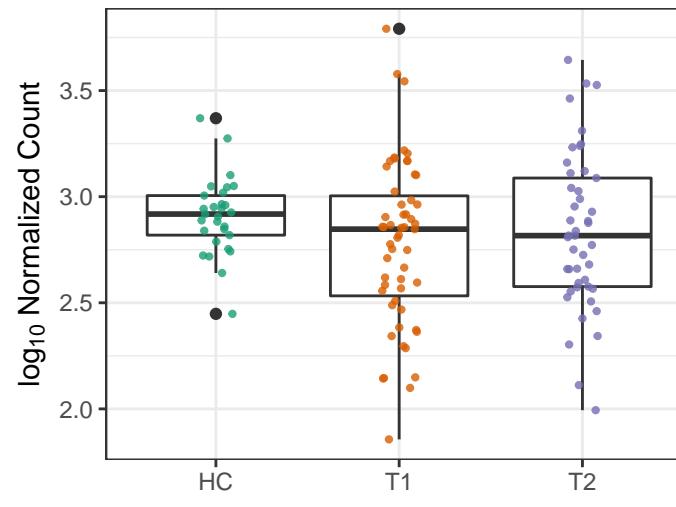
### Desulfobacula

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.12  
T1 vs. T2 p = 0.92



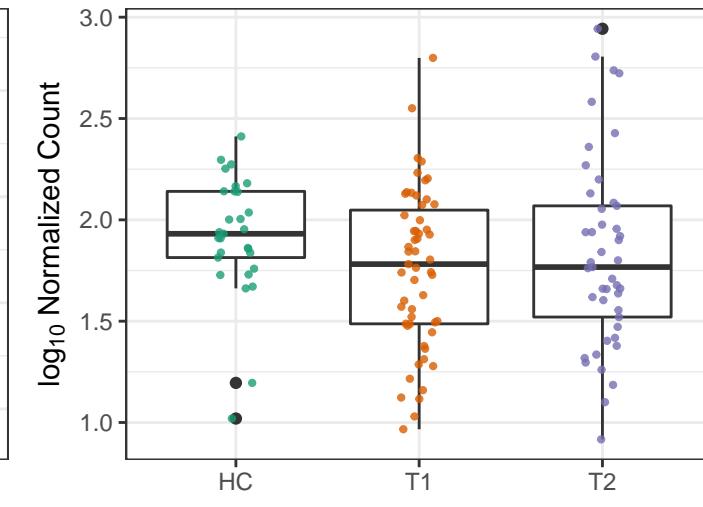
### Unclassified Peptococcaceae Family

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.3  
T1 vs. T2 p = 0.8



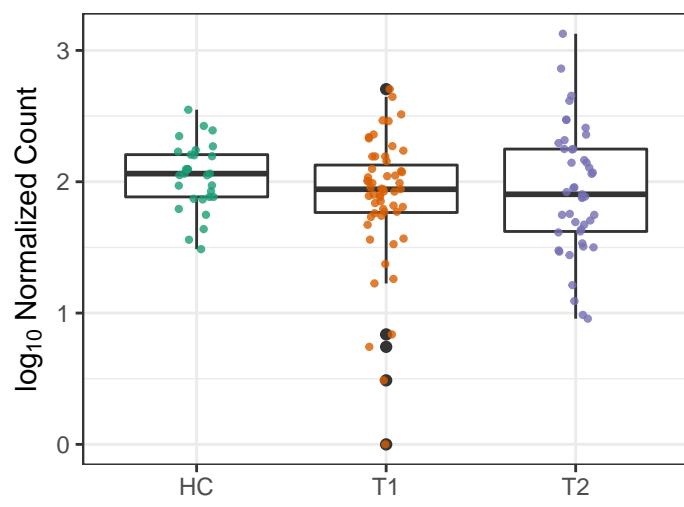
### Methanoplanus

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.37  
T1 vs. T2 p = 0.8



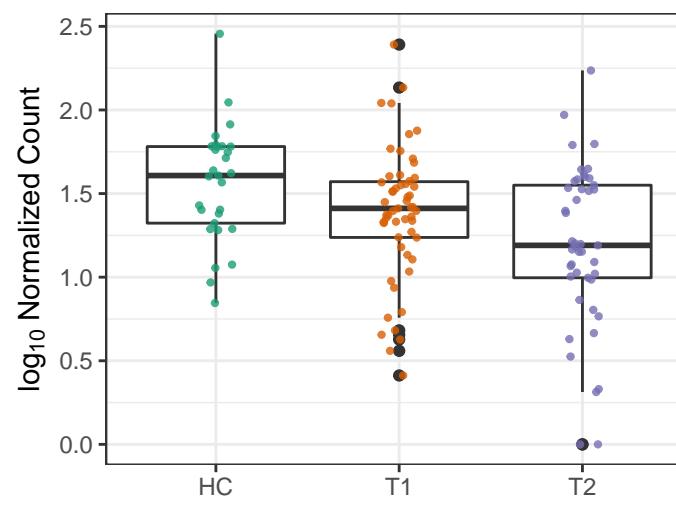
### Sulfurifustis

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.24  
T1 vs. T2 p = 0.78



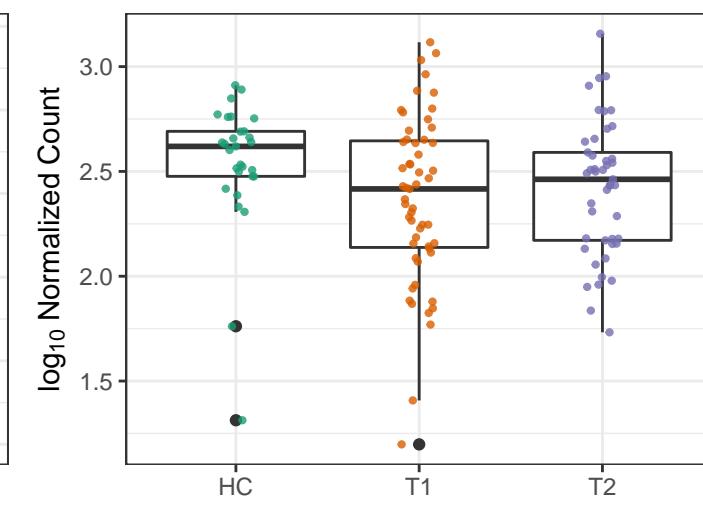
### Paenacaligenes

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.0057  
T1 vs. T2 p = 0.78



### Gudongella

HC vs. T1 p = 0.065  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.78

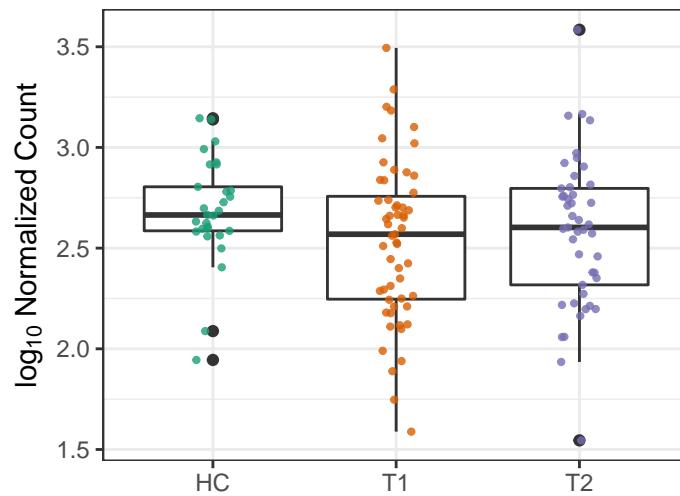


### Ndongobacter

HC vs. T1 p = 0.065

HC vs. T2 p = 0.19

T1 vs. T2 p = 0.78

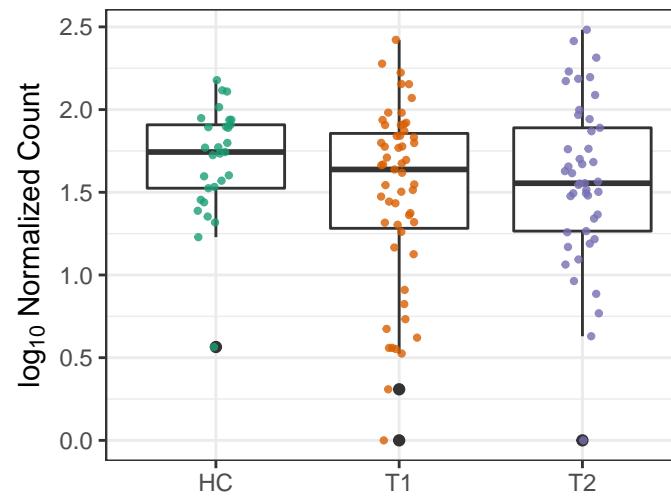


### Spongiibacter

HC vs. T1 p = 0.065

HC vs. T2 p = 0.27

T1 vs. T2 p = 0.79

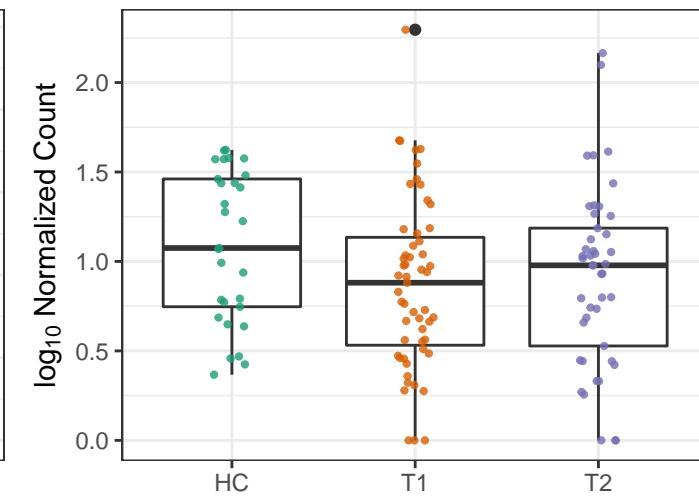


### Unclassified Ascomycota Phylum

HC vs. T1 p = 0.065

HC vs. T2 p = 0.16

T1 vs. T2 p = 0.9

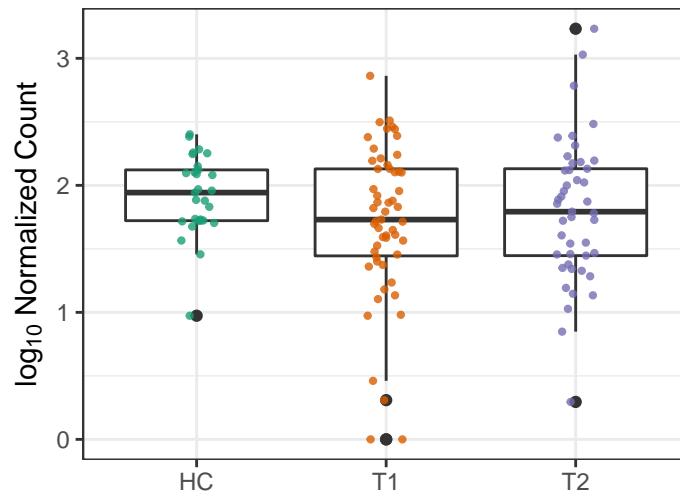


### Prauserella

HC vs. T1 p = 0.066

HC vs. T2 p = 0.28

T1 vs. T2 p = 0.78

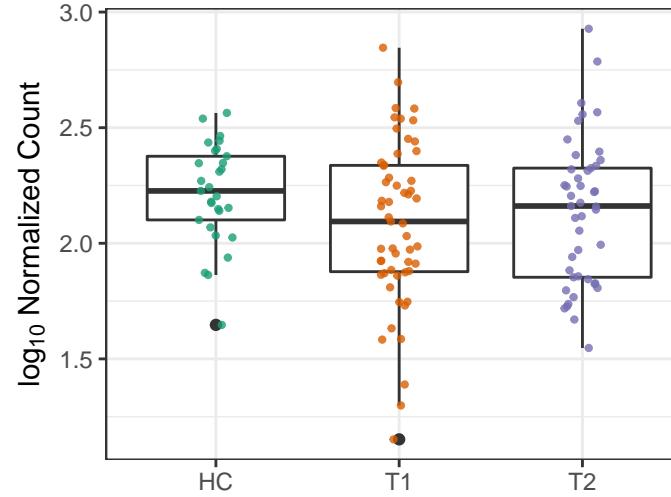


### Hahella

HC vs. T1 p = 0.066

HC vs. T2 p = 0.26

T1 vs. T2 p = 0.78

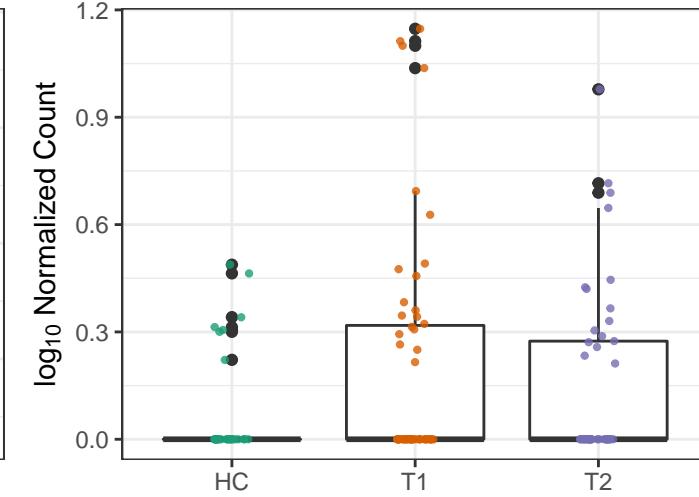


### Unclassified Spirochaetia Class

HC vs. T1 p = 0.066

HC vs. T2 p = 0.19

T1 vs. T2 p = 0.87

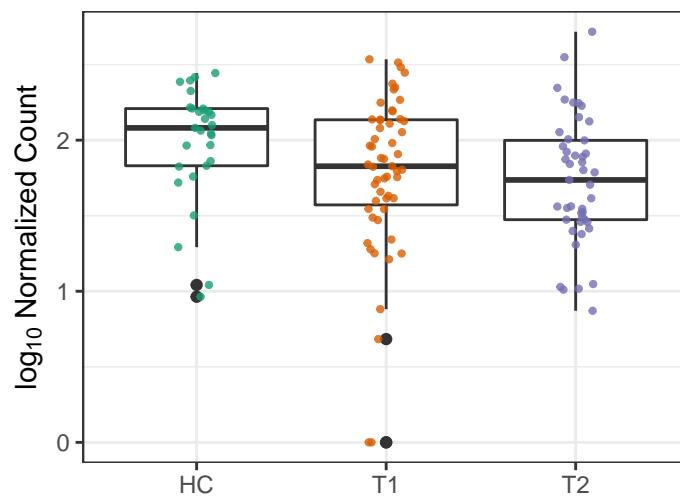


### Bernardetia

HC vs. T1 p = 0.067

HC vs. T2 p = 0.027

T1 vs. T2 p = 0.78

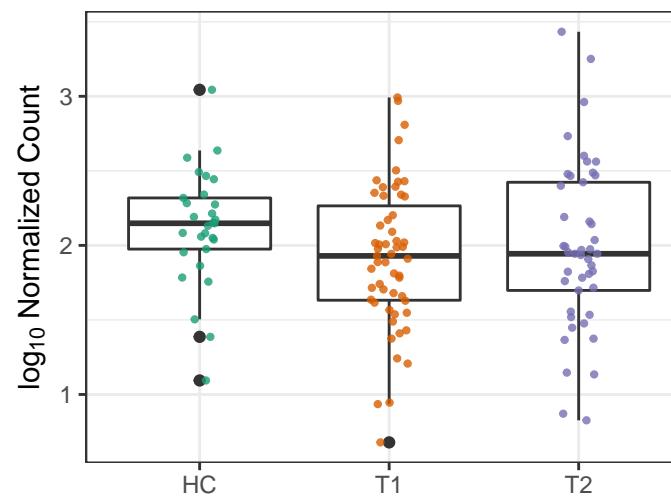


### Beutenbergia

HC vs. T1 p = 0.067

HC vs. T2 p = 0.28

T1 vs. T2 p = 0.8

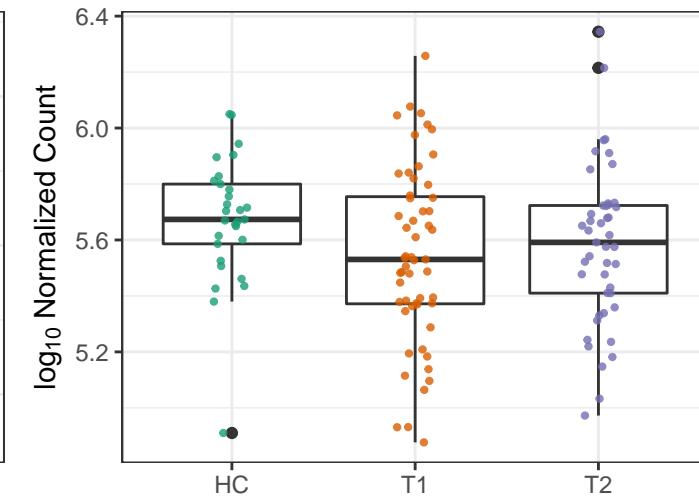


### Unclassified Clostridiales Order

HC vs. T1 p = 0.067

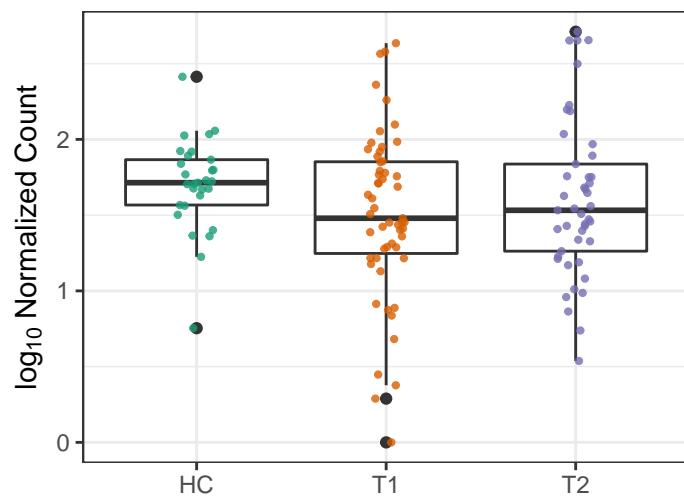
HC vs. T2 p = 0.18

T1 vs. T2 p = 0.8



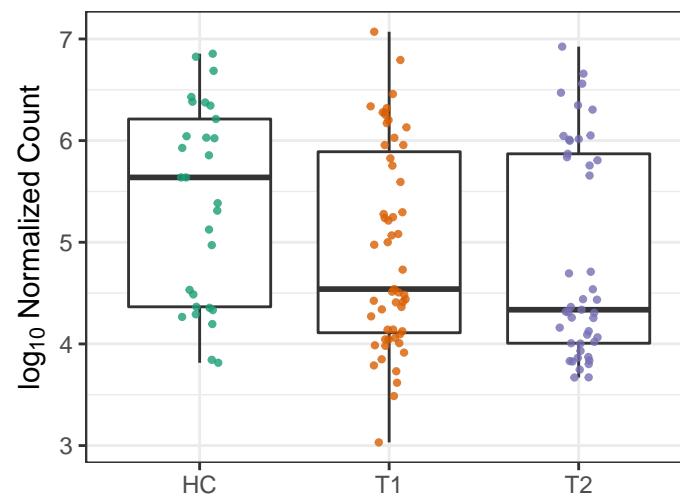
### Litoreibacter

HC vs. T1 p = 0.067  
HC vs. T2 p = 0.37  
T1 vs. T2 p = 0.89



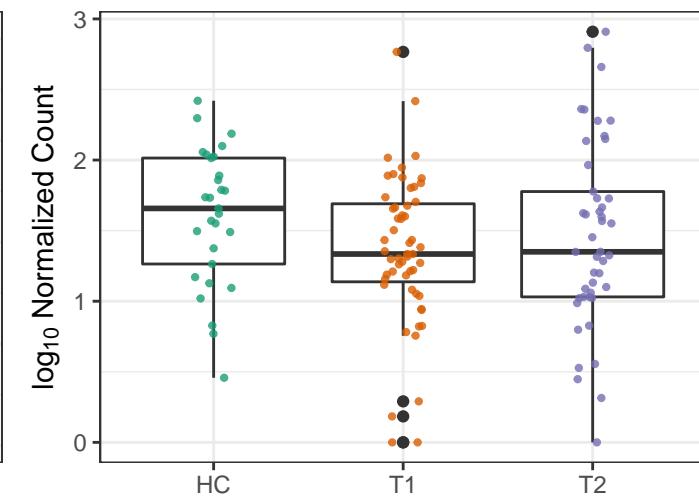
### Bifidobacterium

HC vs. T1 p = 0.067  
HC vs. T2 p = 0.044  
T1 vs. T2 p = 0.99



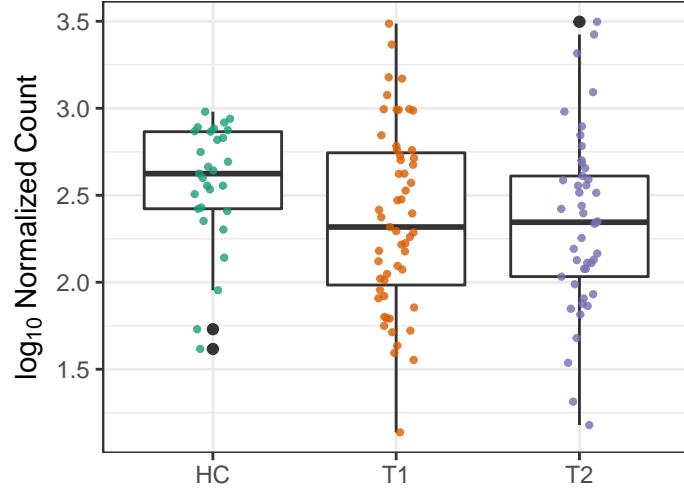
### Halalkalicoccus

HC vs. T1 p = 0.067  
HC vs. T2 p = 0.36  
T1 vs. T2 p = 0.78



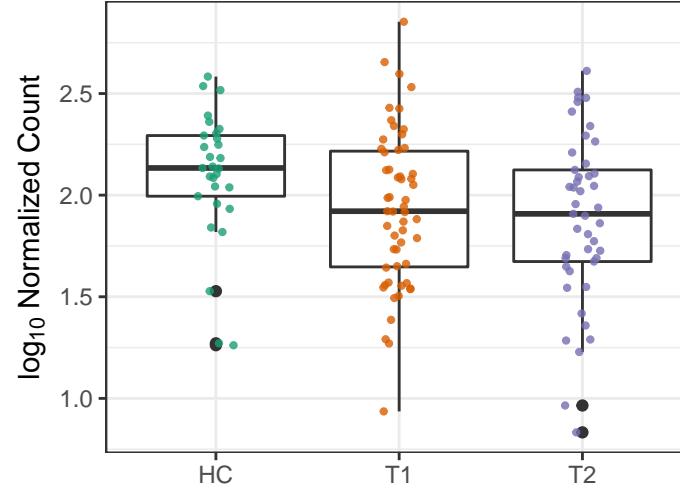
### Rickettsia

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.053  
T1 vs. T2 p = 0.89



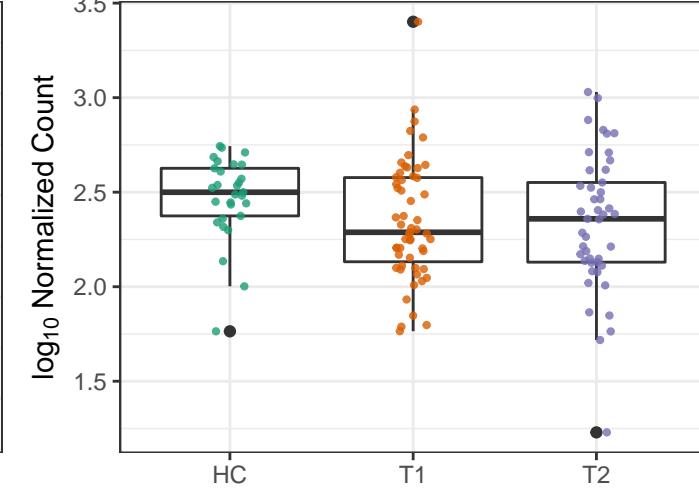
### Brochothrix

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.036  
T1 vs. T2 p = 0.81



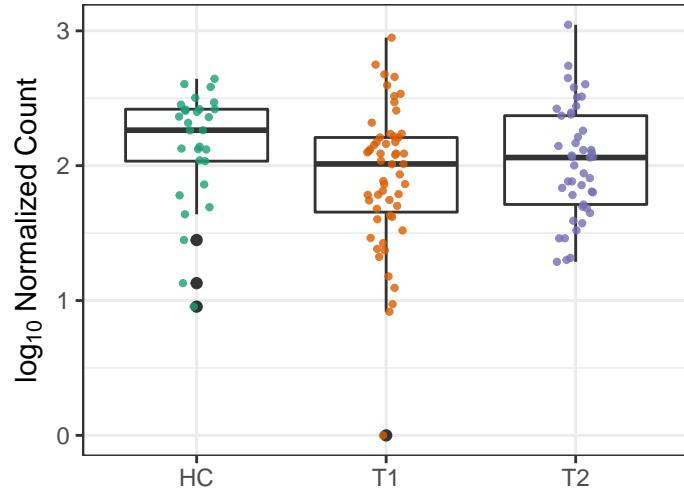
### Mannheimia

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.086  
T1 vs. T2 p = 0.99



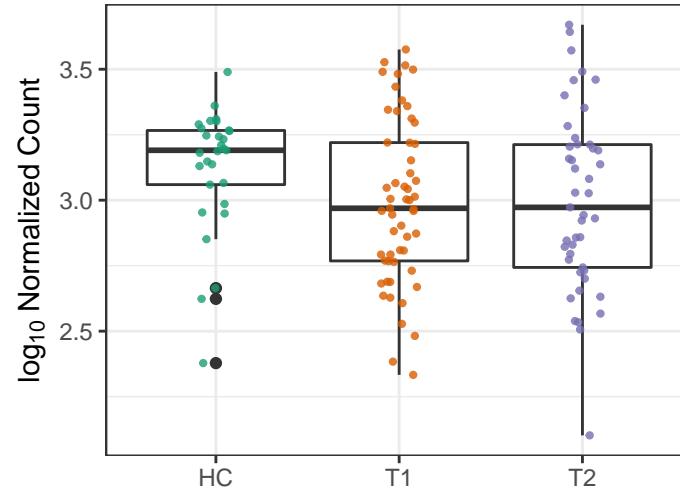
### Actinopolymorpha

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.3  
T1 vs. T2 p = 0.78



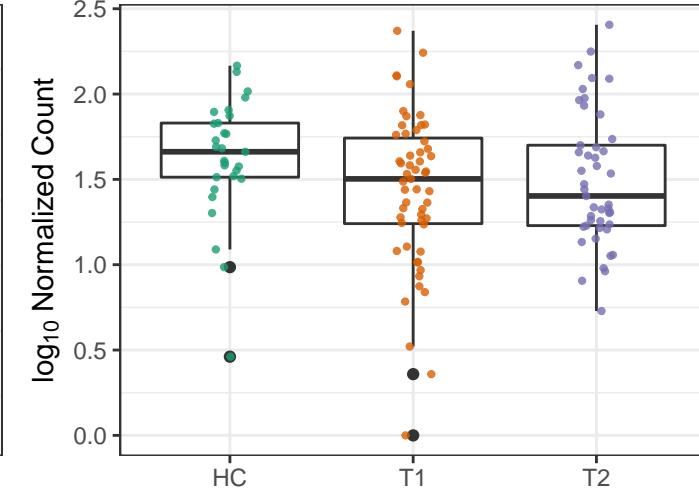
### Listeria

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.98



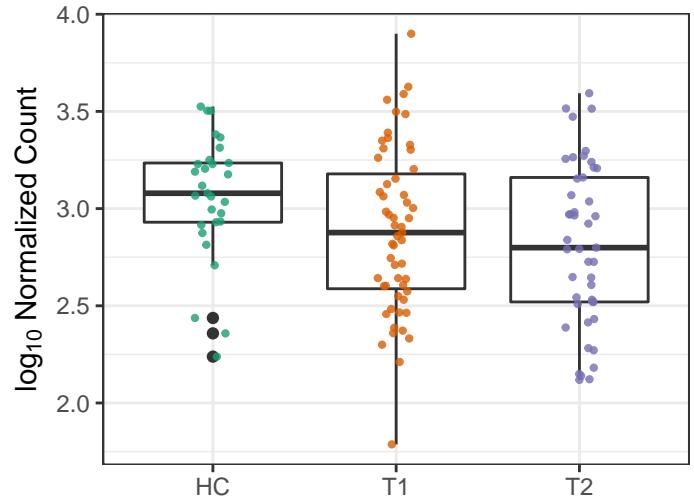
### Hippea

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.84



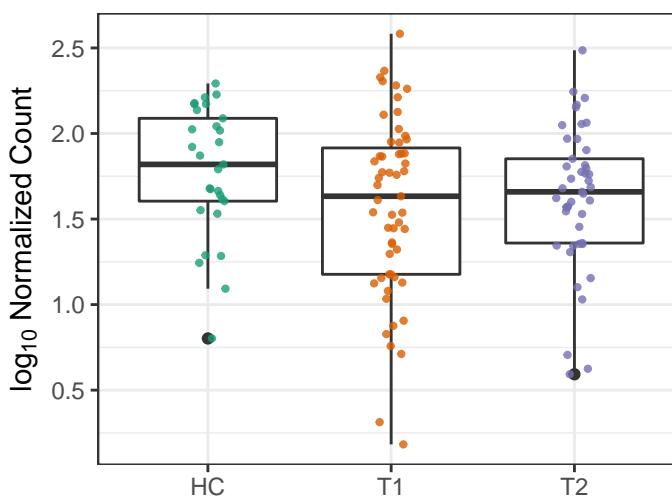
### Arcobacter

HC vs. T1 p = 0.068  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



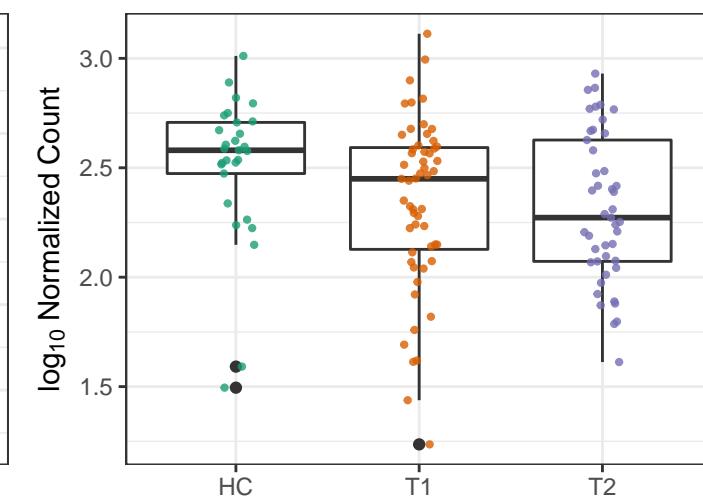
### Natronorubrum

HC vs. T1 p = 0.069  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.93



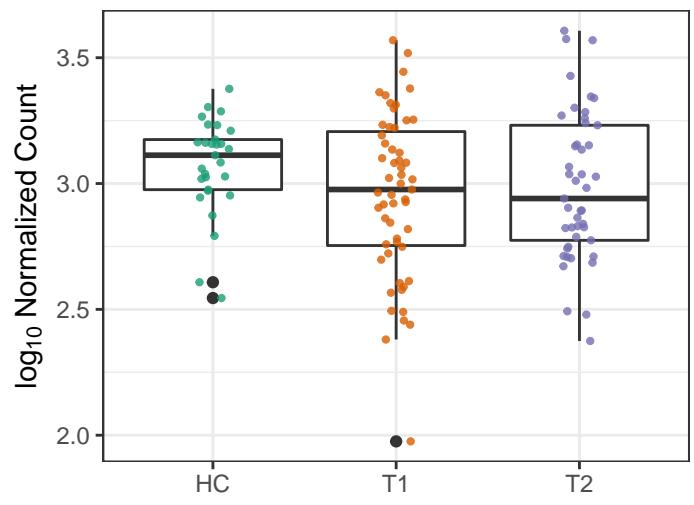
### Cellulophaga

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.041  
T1 vs. T2 p = 0.78



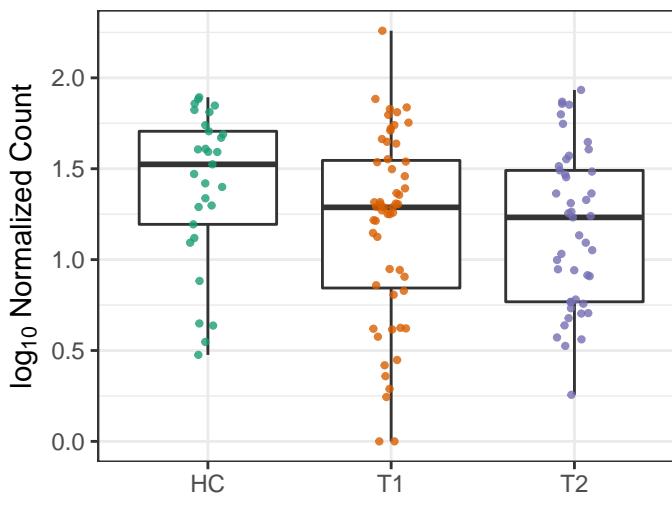
### Desulfotomaculum

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.19  
T1 vs. T2 p = 0.79



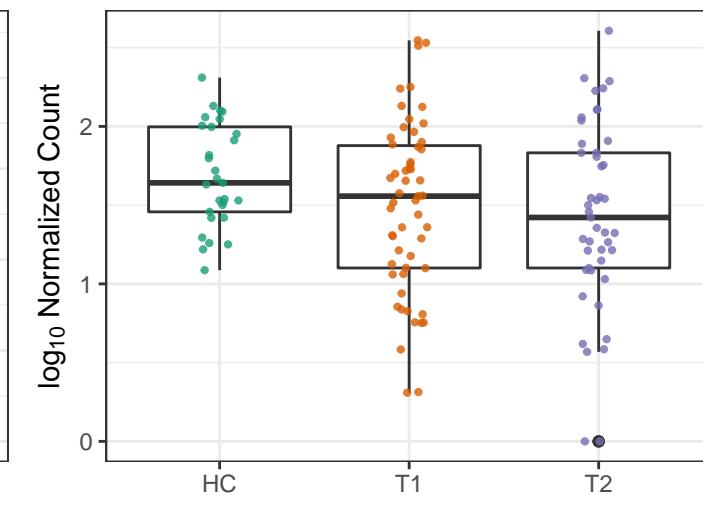
### Candidatus Nitrosocosmicus

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.05  
T1 vs. T2 p = 0.83



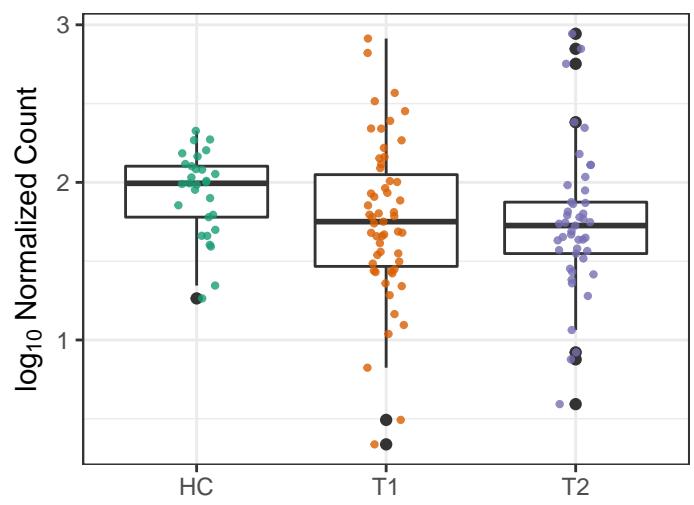
### Halovivax

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.94



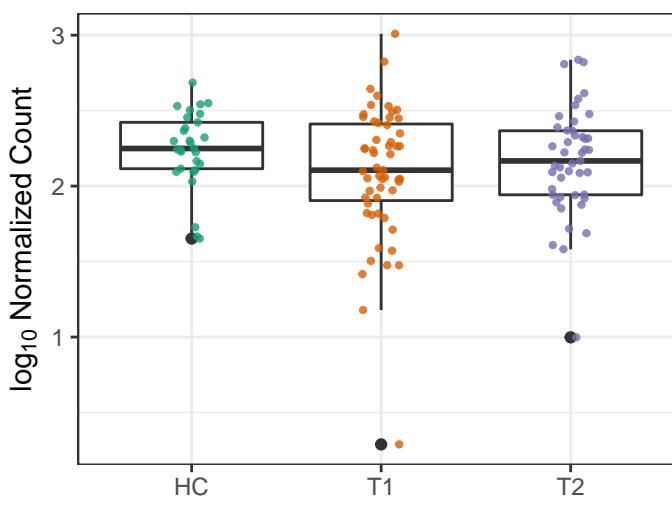
### Unclassified candidate division Zixibacte

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.052  
T1 vs. T2 p = 0.91



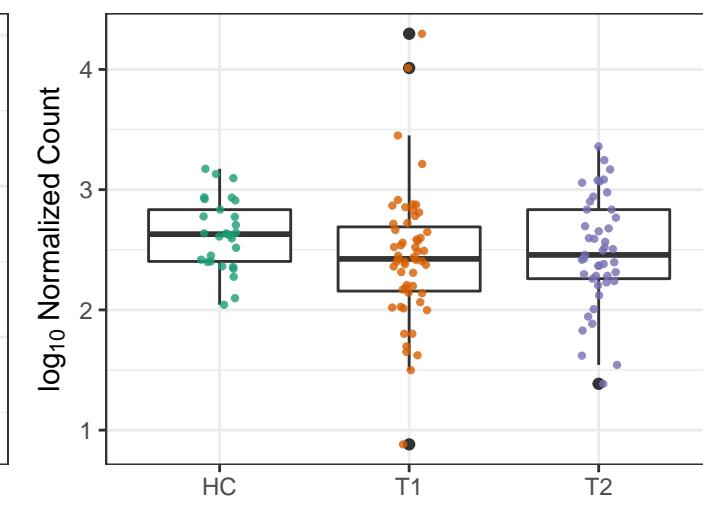
### Unclassified Beijerinckiaceae Family

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.29  
T1 vs. T2 p = 0.78



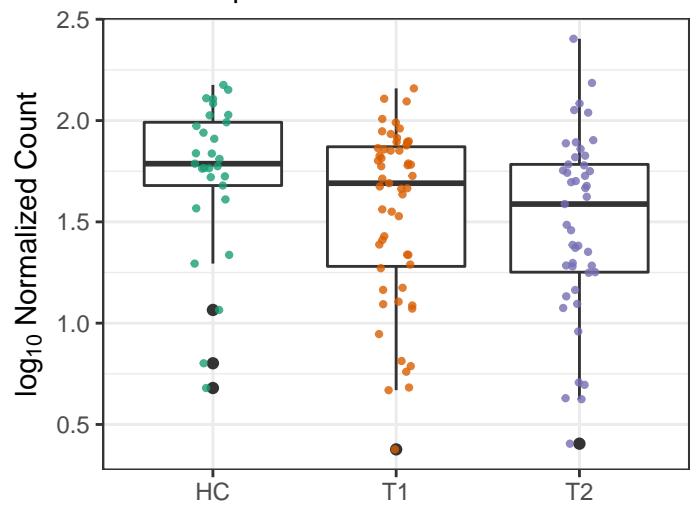
### Clavibacter

HC vs. T1 p = 0.07  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.78



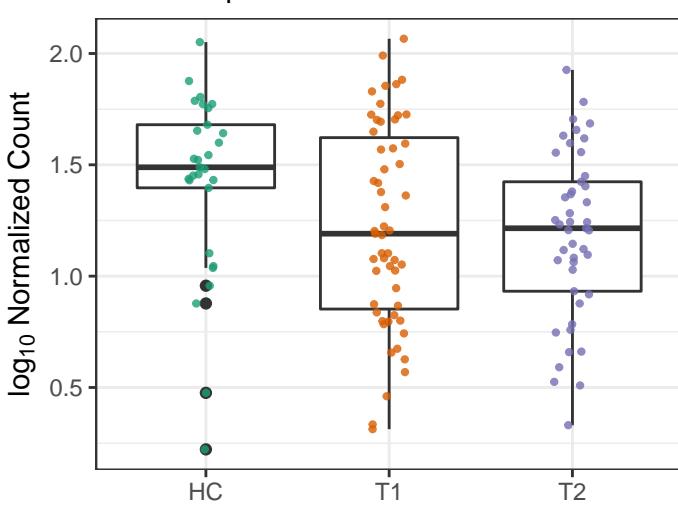
### Ogataea

HC vs. T1 p = 0.071  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.86



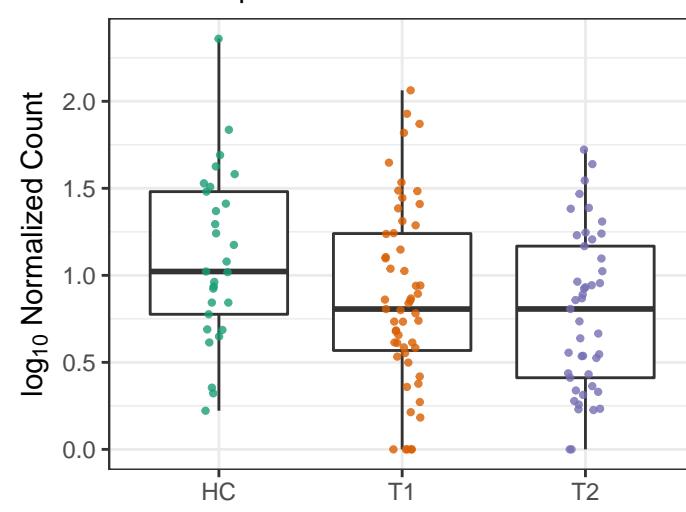
### Cetia

HC vs. T1 p = 0.071  
HC vs. T2 p = 0.035  
T1 vs. T2 p = 0.78



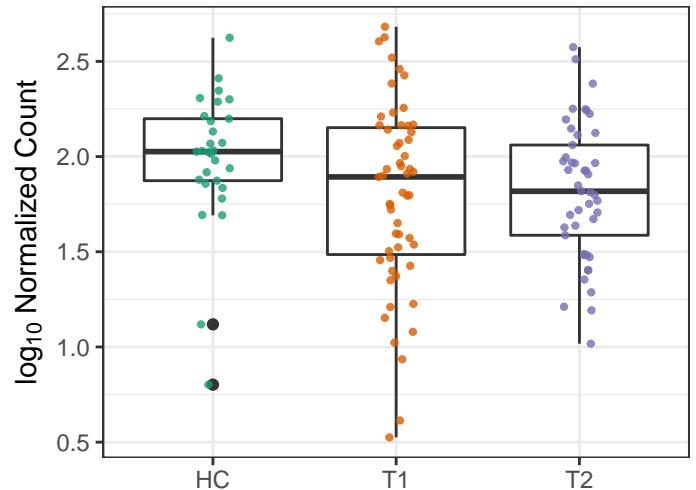
### Candidatus Nucleicultrix

HC vs. T1 p = 0.071  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.83



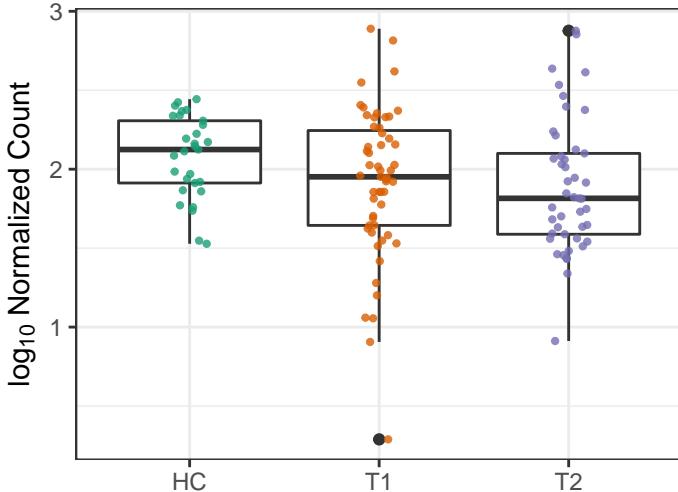
### Sulfuricaulis

HC vs. T1 p = 0.071  
HC vs. T2 p = 0.086  
T1 vs. T2 p = 0.8



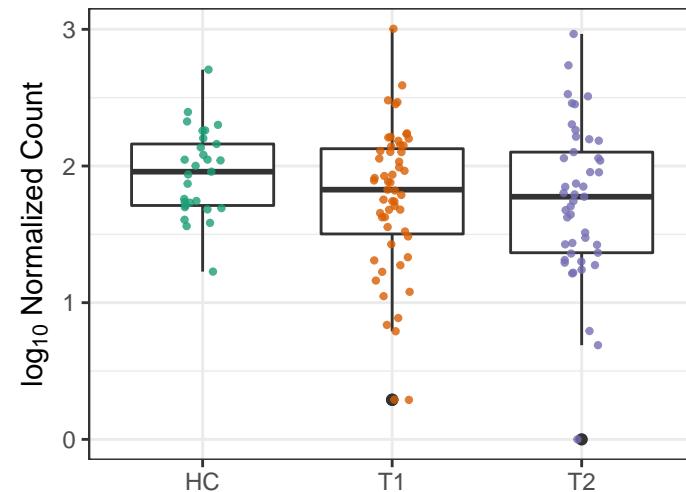
### Unclassified Pseudonocardiaceae Family

HC vs. T1 p = 0.071  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 1



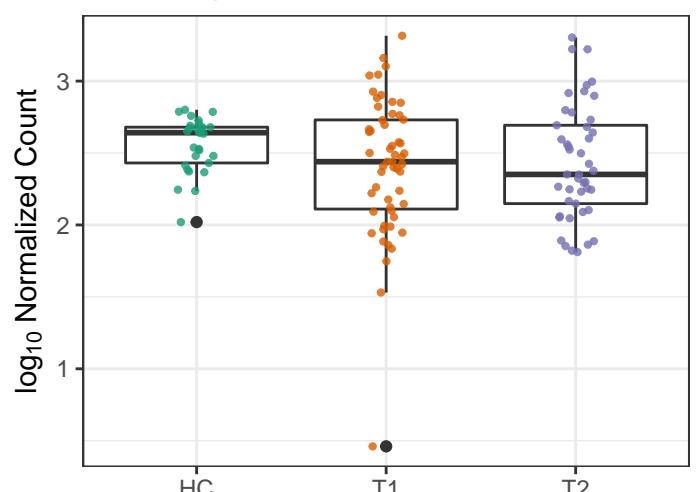
### Arenimonas

HC vs. T1 p = 0.072  
HC vs. T2 p = 0.087  
T1 vs. T2 p = 0.94



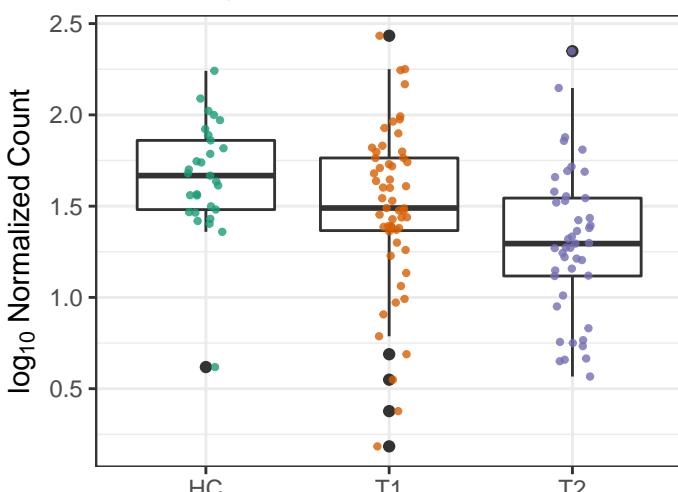
### Gemmata

HC vs. T1 p = 0.072  
HC vs. T2 p = 0.11  
T1 vs. T2 p = 0.82



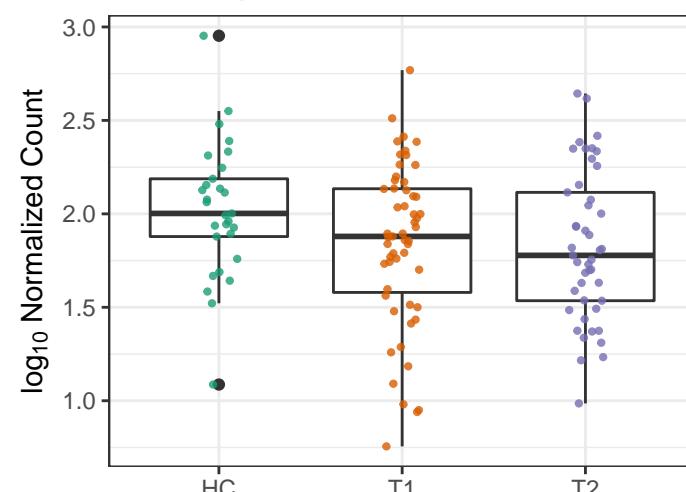
### Candidatus Hamiltonella

HC vs. T1 p = 0.072  
HC vs. T2 p = 0.0025  
T1 vs. T2 p = 0.78



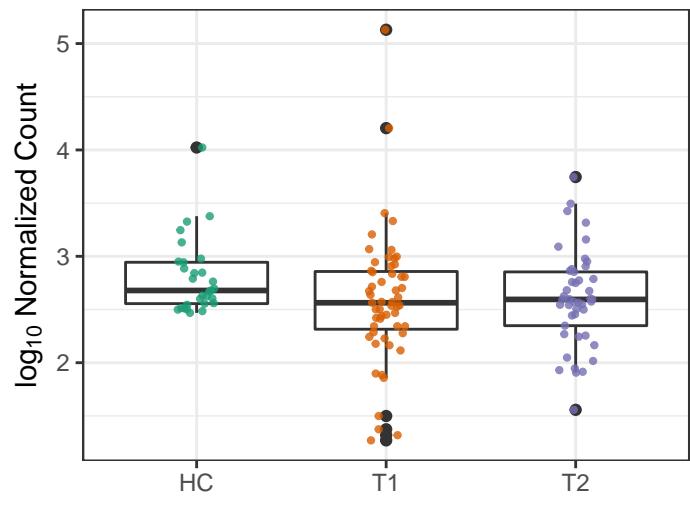
### Unclassified Frankiales Order

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.99



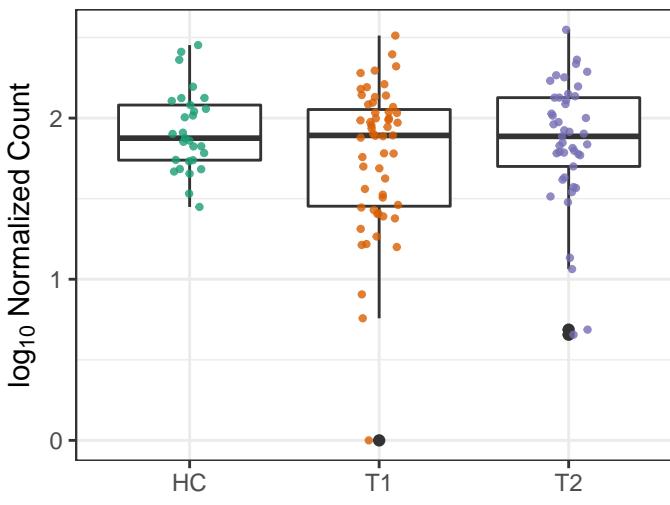
### Unclassified Victivallales Order

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.85



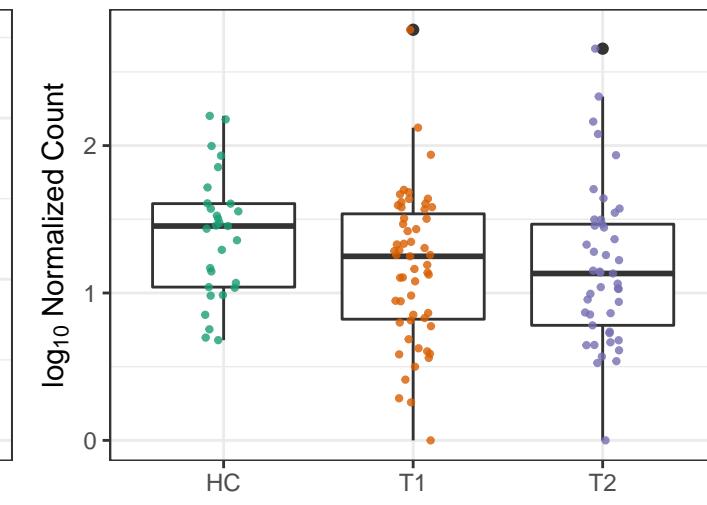
### Austwickia

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.36  
T1 vs. T2 p = 0.8



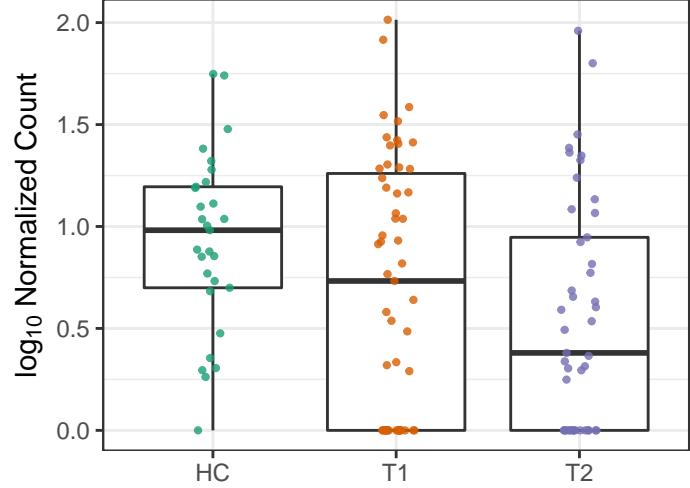
### Haloquadratum

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.095  
T1 vs. T2 p = 0.96



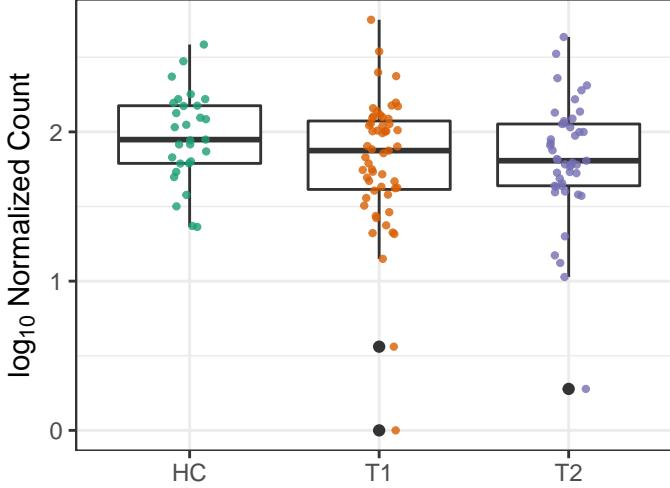
### Unclassified Chaetomiaceae Family

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



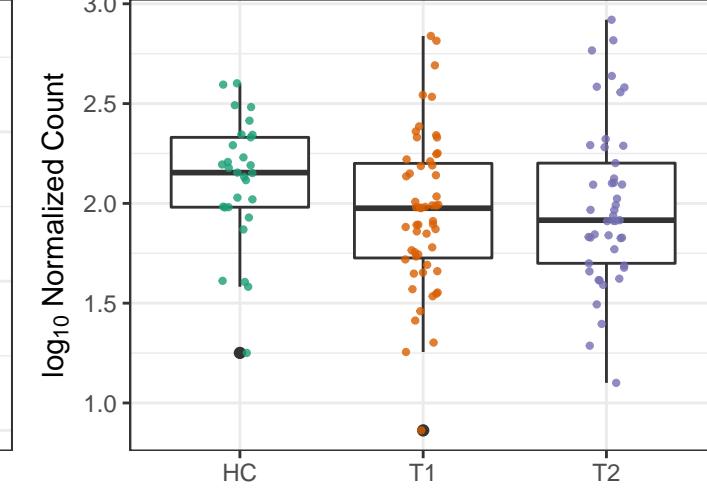
### Chelativorans

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.096  
T1 vs. T2 p = 0.83



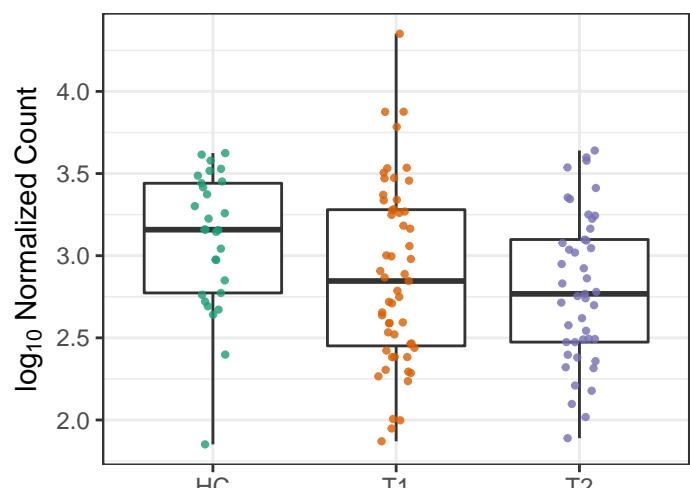
### Cercospora

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.18  
T1 vs. T2 p = 0.81



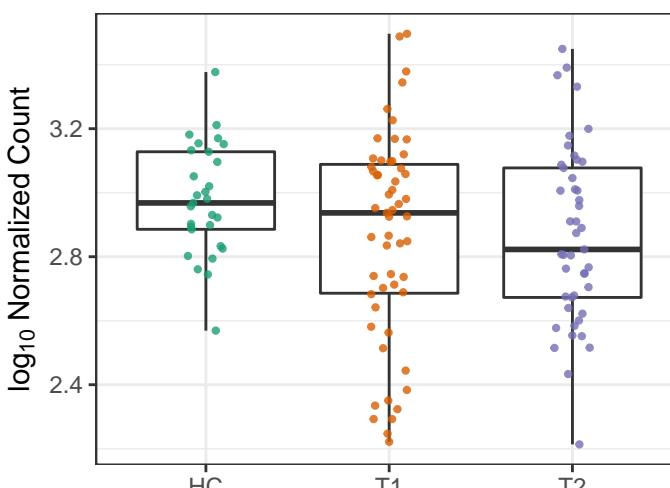
### Romboutsia

HC vs. T1 p = 0.073  
HC vs. T2 p = 0.021  
T1 vs. T2 p = 0.78



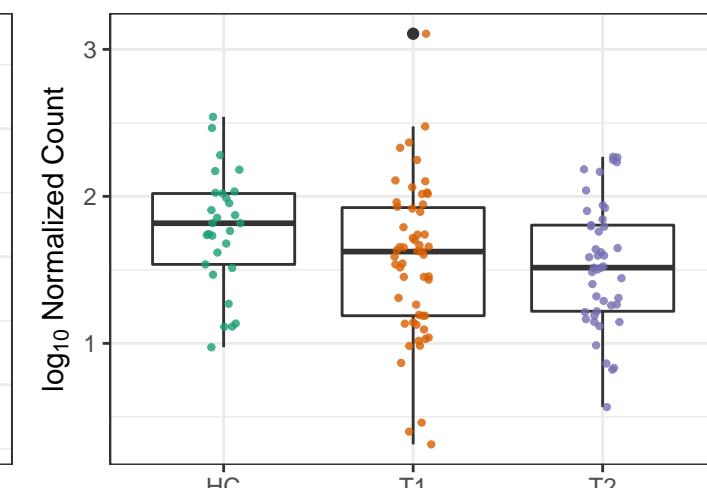
### Spirosoma

HC vs. T1 p = 0.074  
HC vs. T2 p = 0.063  
T1 vs. T2 p = 0.98



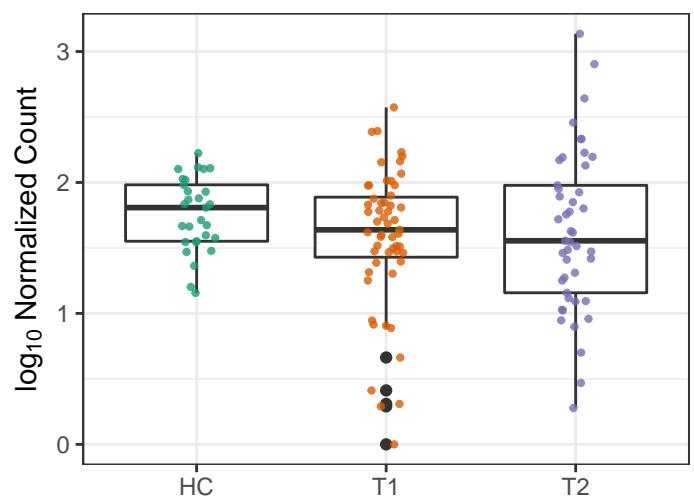
### Turneriella

HC vs. T1 p = 0.074  
HC vs. T2 p = 0.039  
T1 vs. T2 p = 1



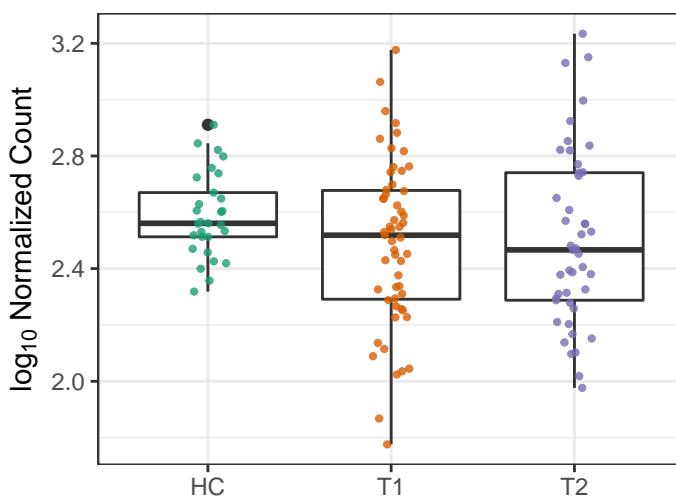
### Protaetibacter

HC vs. T1 p = 0.074  
HC vs. T2 p = 0.25  
T1 vs. T2 p = 0.78



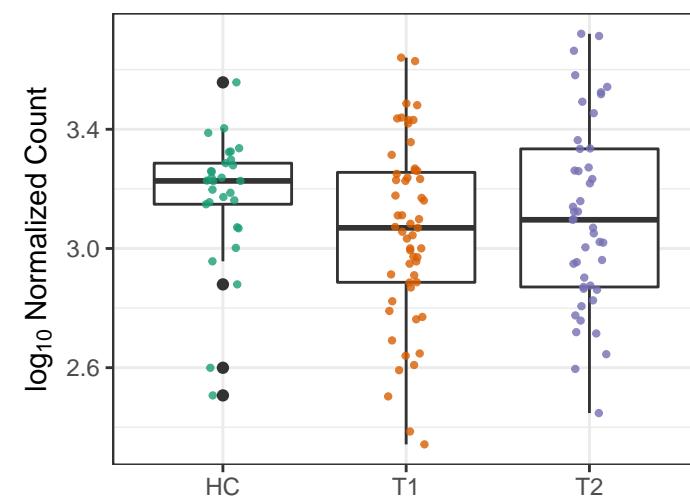
### Brenneria

HC vs. T1 p = 0.075  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.79



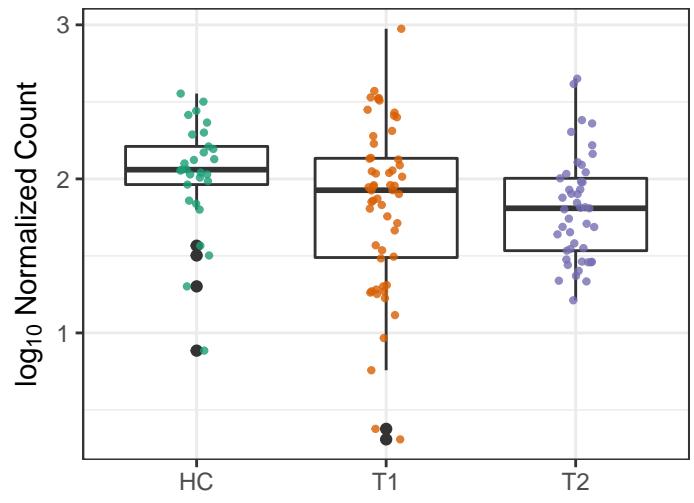
### Desulfitobacterium

HC vs. T1 p = 0.075  
HC vs. T2 p = 0.37  
T1 vs. T2 p = 0.78



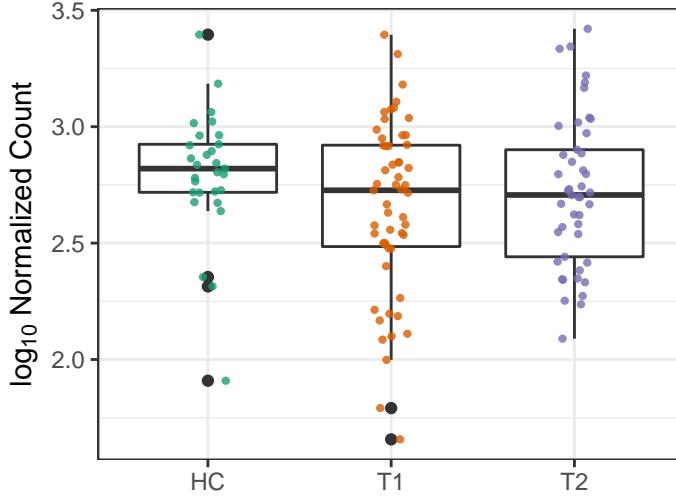
### Magnetospira

HC vs. T1 p = 0.075  
HC vs. T2 p = 0.031  
T1 vs. T2 p = 0.9



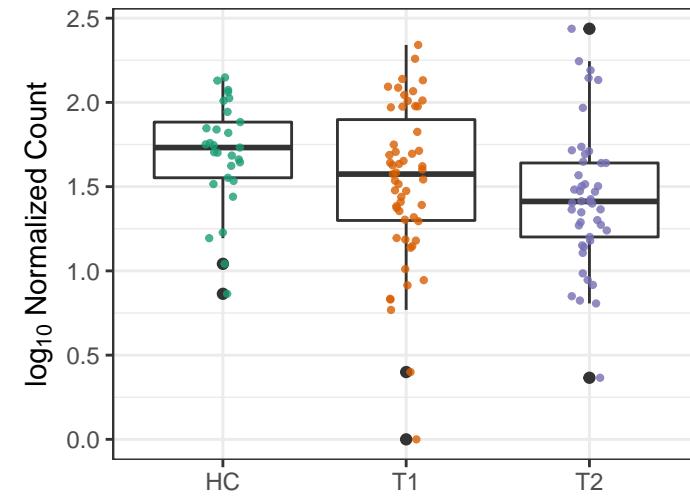
### Dehalobacterium

HC vs. T1 p = 0.075  
HC vs. T2 p = 0.3  
T1 vs. T2 p = 0.78



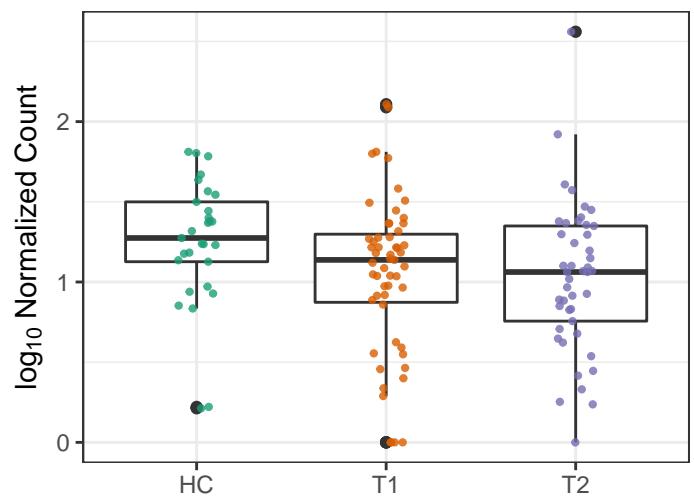
### Unclassified Fusobacteriales Order

HC vs. T1 p = 0.076  
HC vs. T2 p = 0.015  
T1 vs. T2 p = 0.78



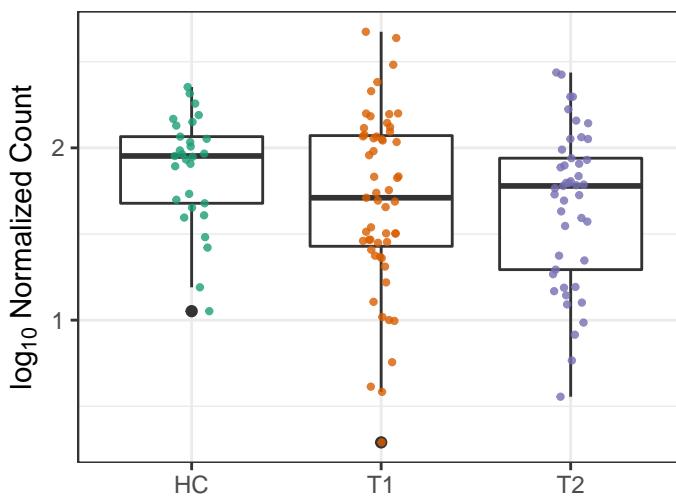
### Cuniculiplasma

HC vs. T1 p = 0.076  
HC vs. T2 p = 0.062  
T1 vs. T2 p = 0.85



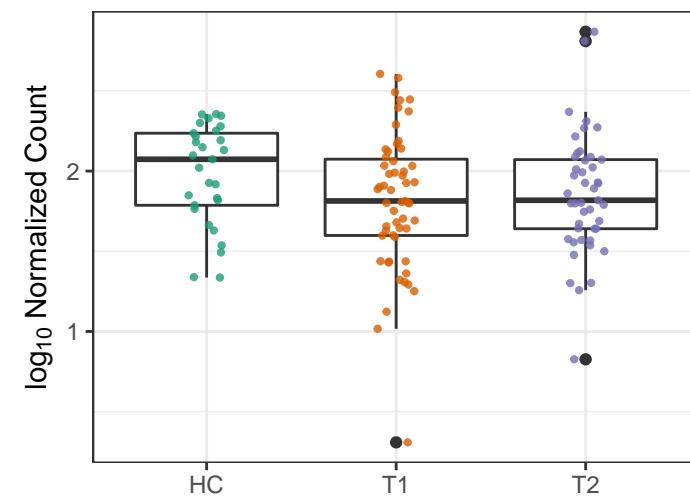
### Pseudactinotalea

HC vs. T1 p = 0.076  
HC vs. T2 p = 0.045  
T1 vs. T2 p = 0.94



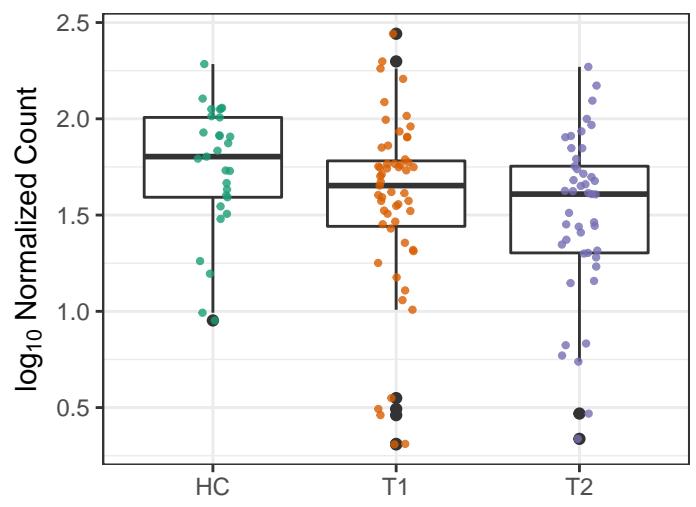
### Methanoregula

HC vs. T1 p = 0.077  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.8



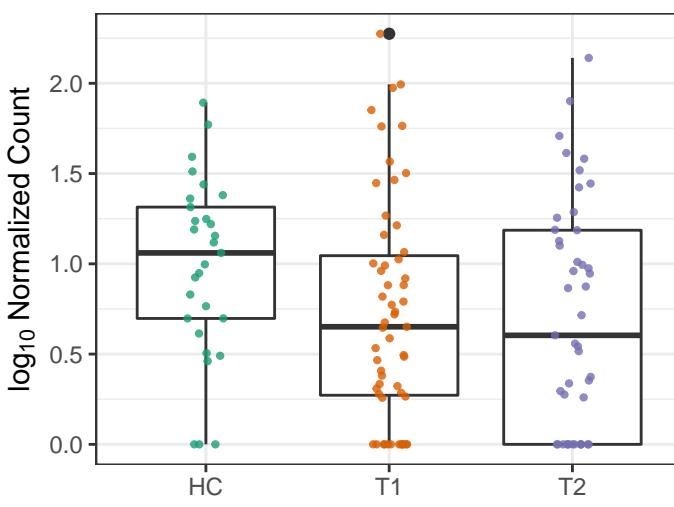
### Sulfuricurvum

HC vs. T1 p = 0.077  
HC vs. T2 p = 0.026  
T1 vs. T2 p = 0.78



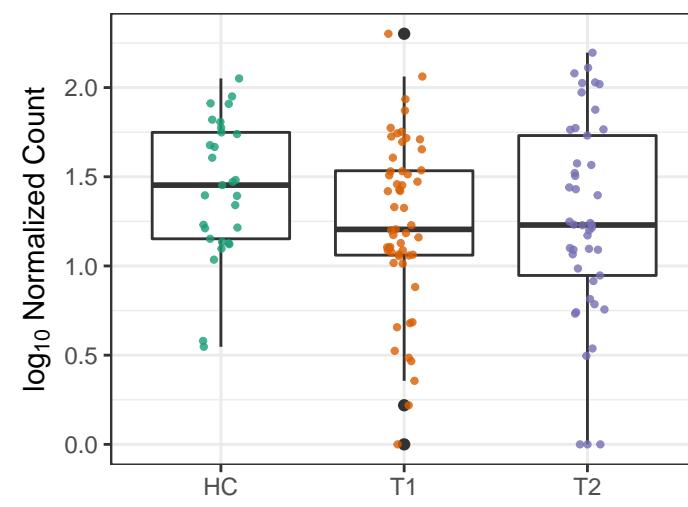
### Caldivirga

HC vs. T1 p = 0.077  
HC vs. T2 p = 0.073  
T1 vs. T2 p = 0.81



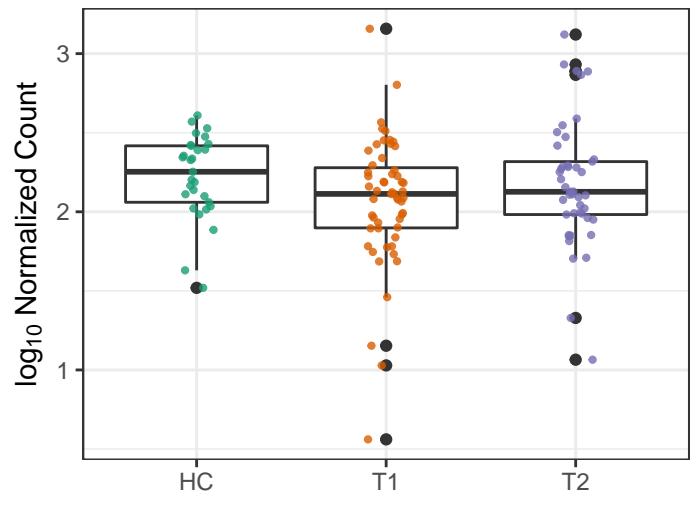
### Candidatus Nitrosoglobus

HC vs. T1 p = 0.078  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.79



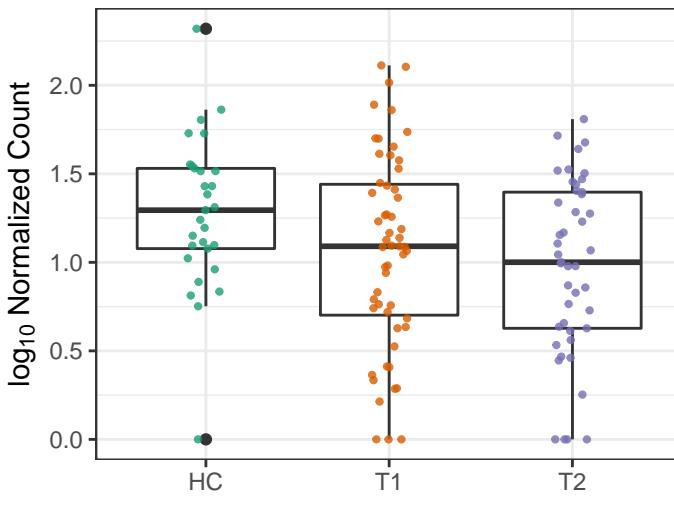
### Unclassified Sporolactobacillaceae Fami

HC vs. T1 p = 0.078  
HC vs. T2 p = 0.58  
T1 vs. T2 p = 0.78



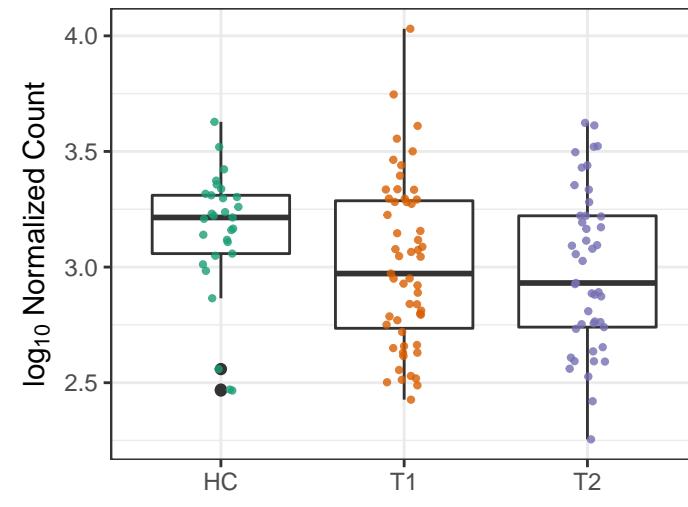
### Hydrogenobacter

HC vs. T1 p = 0.078  
HC vs. T2 p = 0.023  
T1 vs. T2 p = 0.78



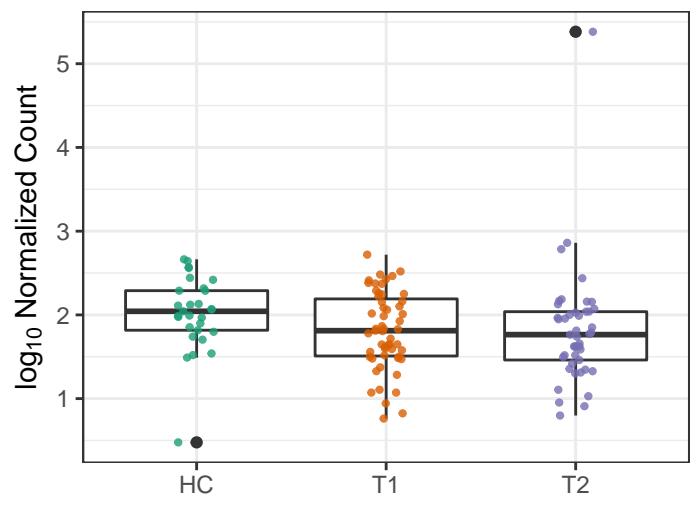
### Leptotrichia

HC vs. T1 p = 0.078  
HC vs. T2 p = 0.051  
T1 vs. T2 p = 0.97



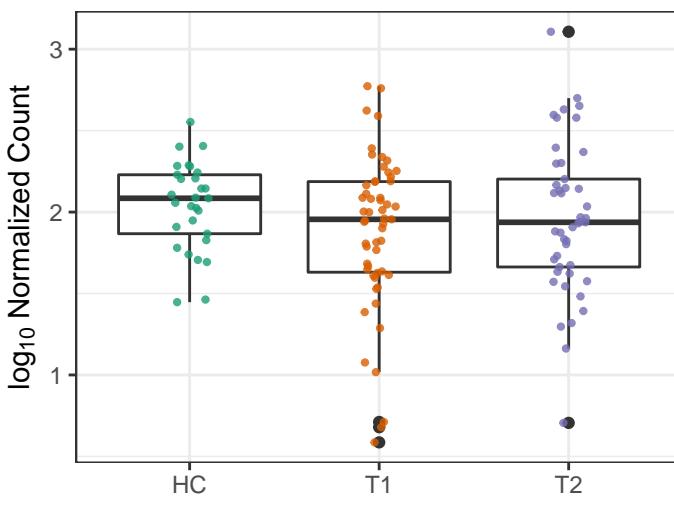
### Nakaseomyces

HC vs. T1 p = 0.078  
HC vs. T2 p = 0.17  
T1 vs. T2 p = 0.99



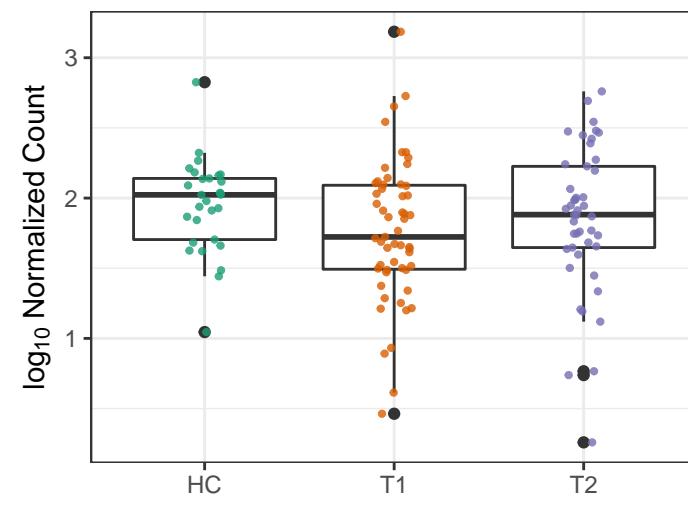
### Youhaiella

HC vs. T1 p = 0.079  
HC vs. T2 p = 0.39  
T1 vs. T2 p = 0.78



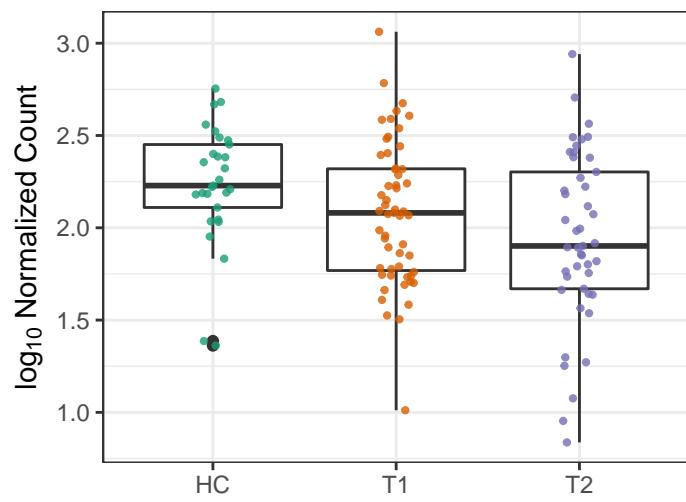
### Monaibacterium

HC vs. T1 p = 0.079  
HC vs. T2 p = 0.39  
T1 vs. T2 p = 0.78



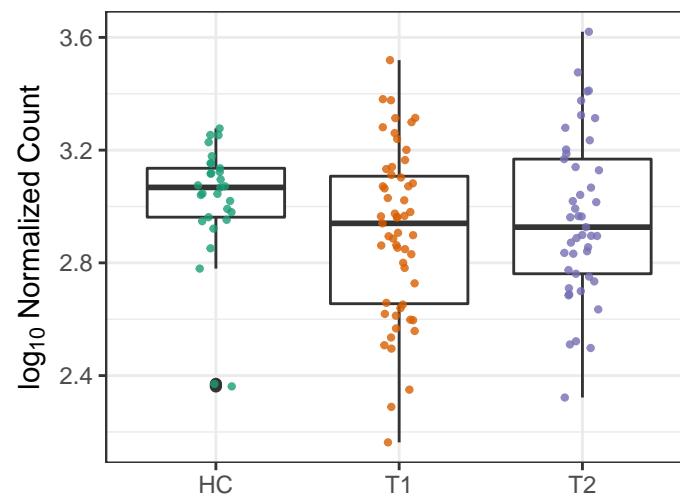
### Lacinutrix

HC vs. T1 p = 0.08  
HC vs. T2 p = 0.014  
T1 vs. T2 p = 0.78



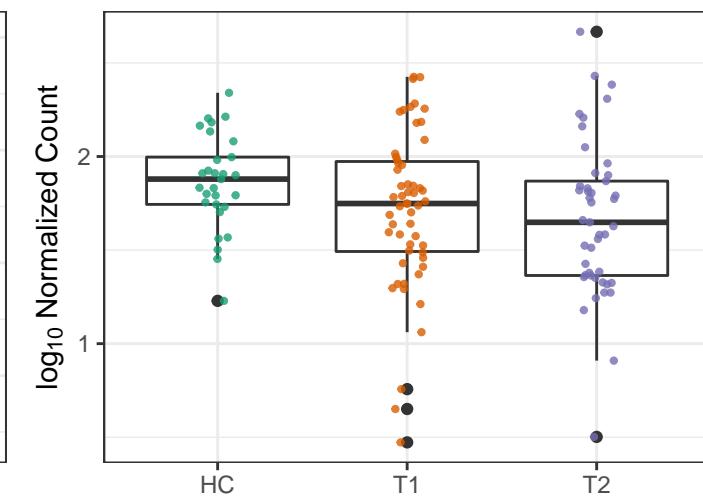
### Desulfosporosinus

HC vs. T1 p = 0.08  
HC vs. T2 p = 0.38  
T1 vs. T2 p = 0.78



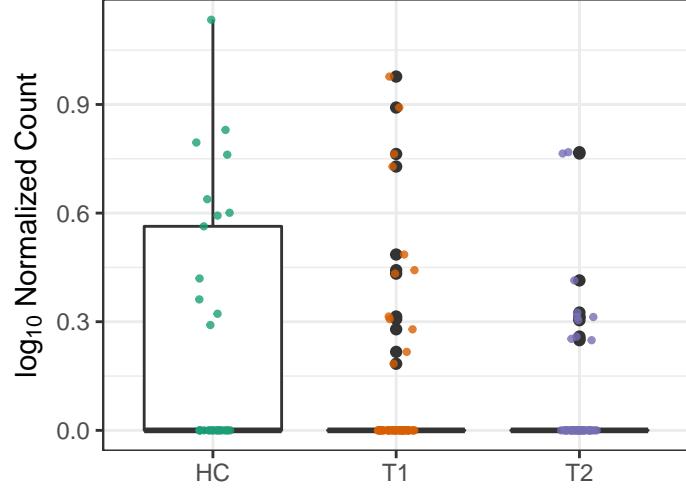
### Basfia

HC vs. T1 p = 0.08  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.8



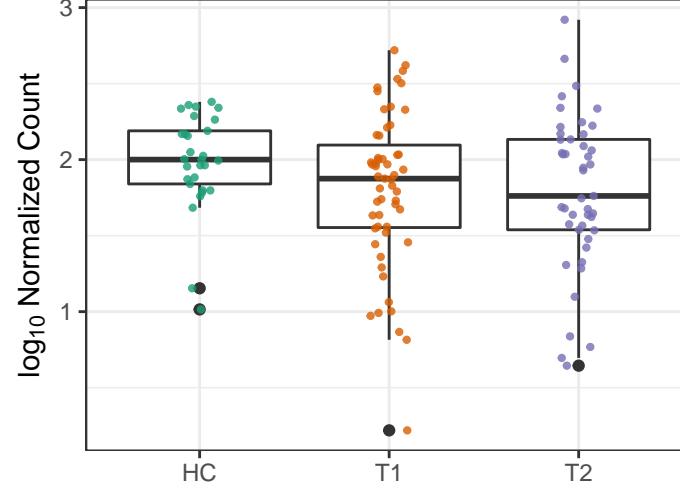
### Unclassified Basidiomycota Phylum

HC vs. T1 p = 0.08  
HC vs. T2 p = 0.047  
T1 vs. T2 p = 0.98



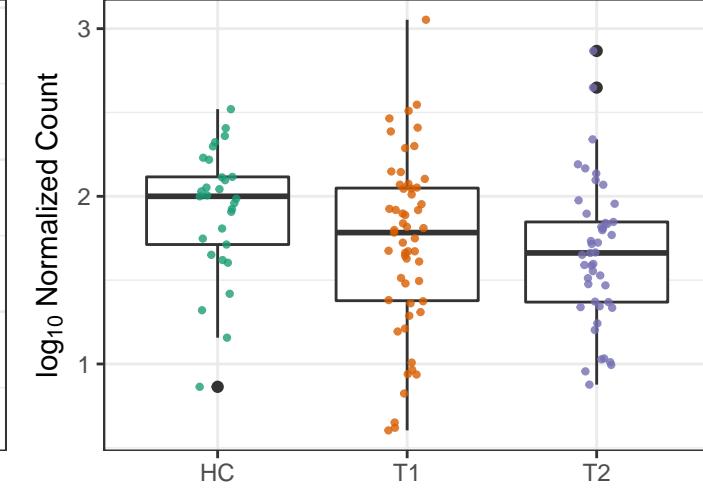
### Fluviicola

HC vs. T1 p = 0.081  
HC vs. T2 p = 0.086  
T1 vs. T2 p = 0.92



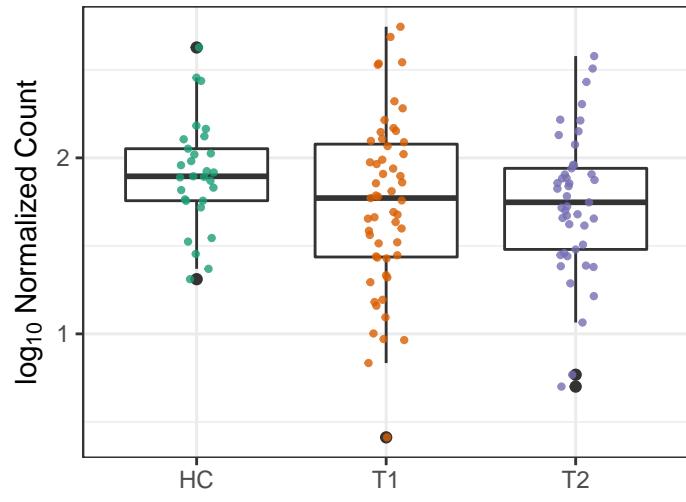
### Thermodesulfobium

HC vs. T1 p = 0.081  
HC vs. T2 p = 0.028  
T1 vs. T2 p = 0.78



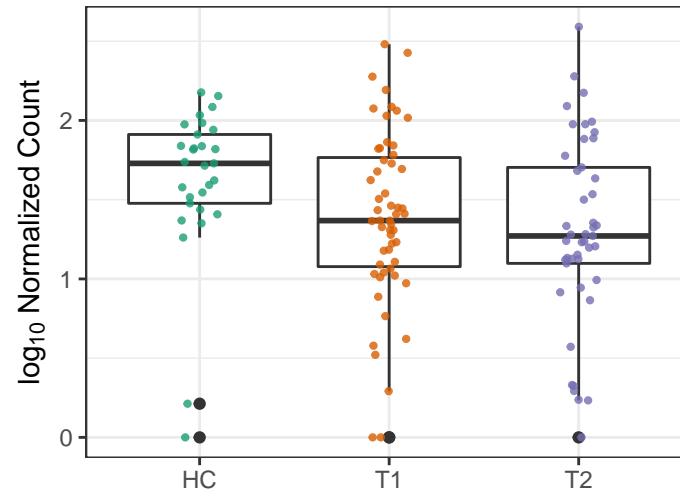
### Acidisarcina

HC vs. T1 p = 0.081  
HC vs. T2 p = 0.077  
T1 vs. T2 p = 0.93



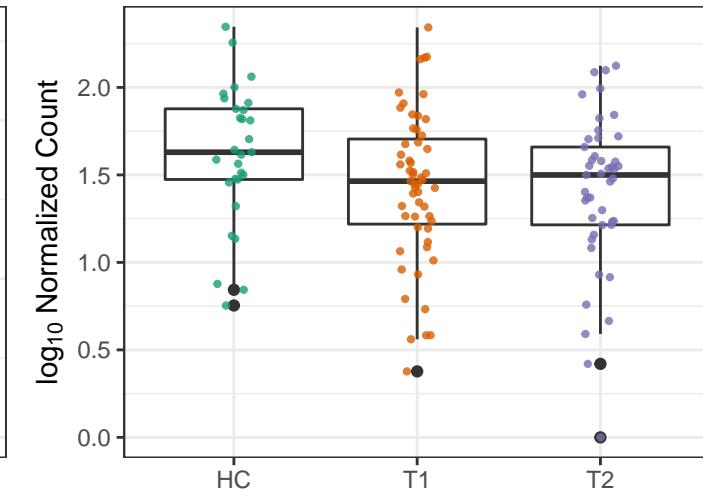
### Unclassified Candidatus Gracilibacteria F

HC vs. T1 p = 0.082  
HC vs. T2 p = 0.033  
T1 vs. T2 p = 0.89



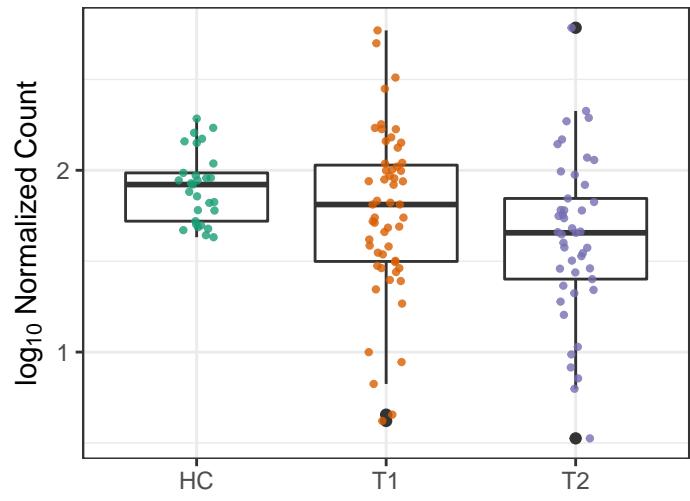
### Cycloclasticus

HC vs. T1 p = 0.082  
HC vs. T2 p = 0.059  
T1 vs. T2 p = 0.99



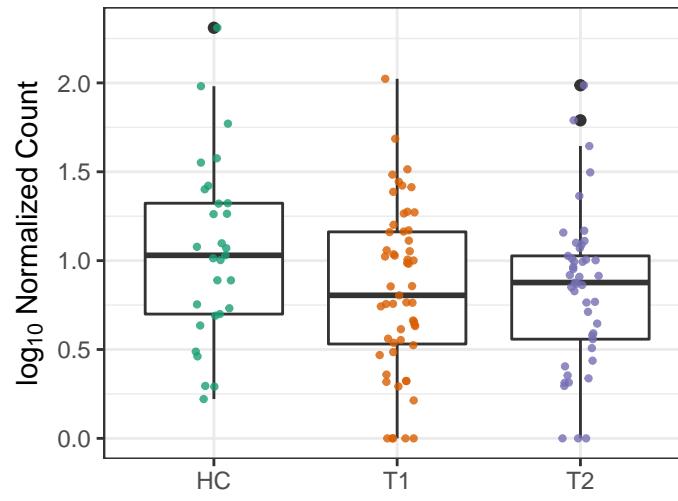
### Arenibacter

HC vs. T1 p = 0.083  
HC vs. T2 p = 0.0069  
T1 vs. T2 p = 0.71



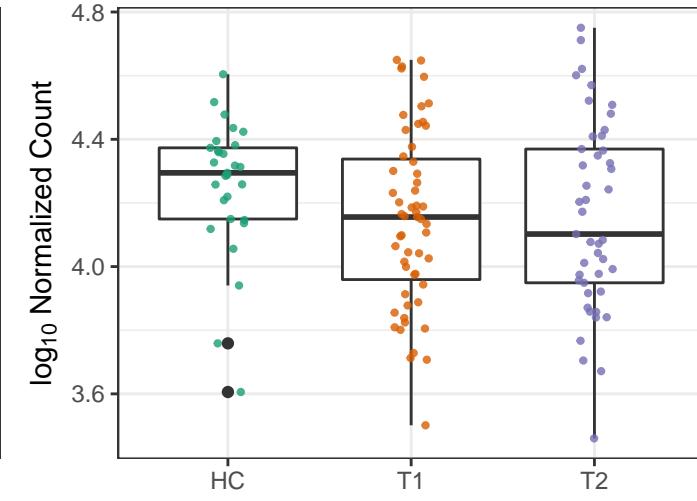
### Paenarthrobacter

HC vs. T1 p = 0.083  
HC vs. T2 p = 0.096  
T1 vs. T2 p = 0.82



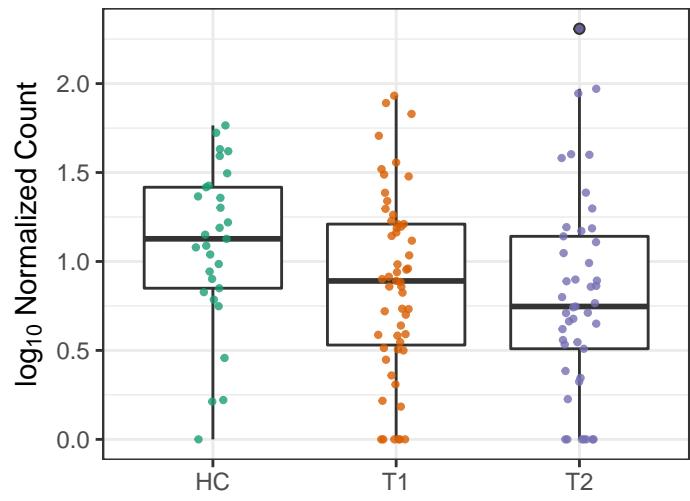
### Bacillus

HC vs. T1 p = 0.083  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.92



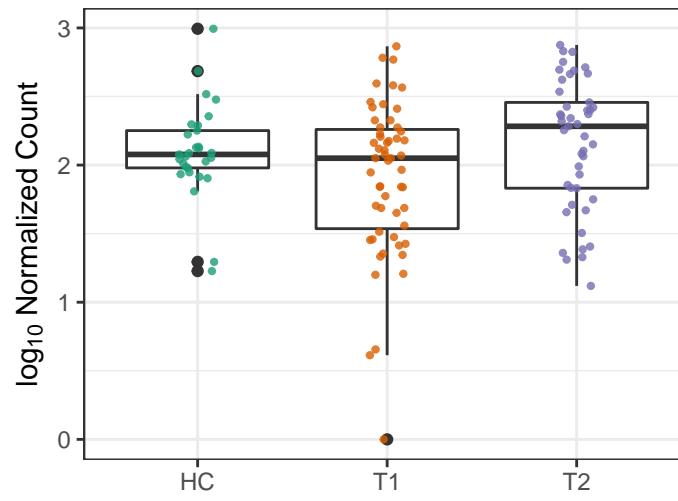
### Candidatus Nitrosopelagicus

HC vs. T1 p = 0.083  
HC vs. T2 p = 0.047  
T1 vs. T2 p = 0.78



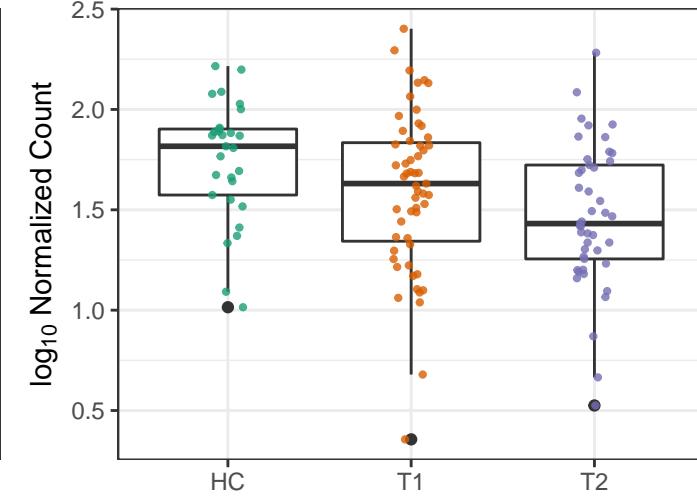
### Unclassified Propionibacteriaceae Family

HC vs. T1 p = 0.083  
HC vs. T2 p = 0.63  
T1 vs. T2 p = 0.68



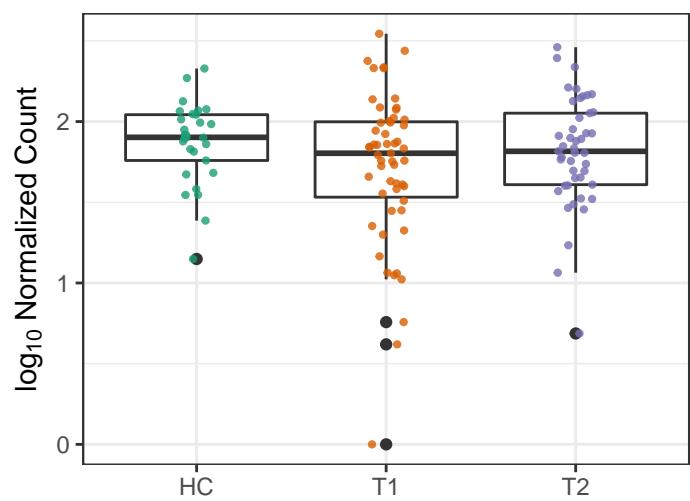
### Dolosigranulum

HC vs. T1 p = 0.084  
HC vs. T2 p = 0.0073  
T1 vs. T2 p = 0.78



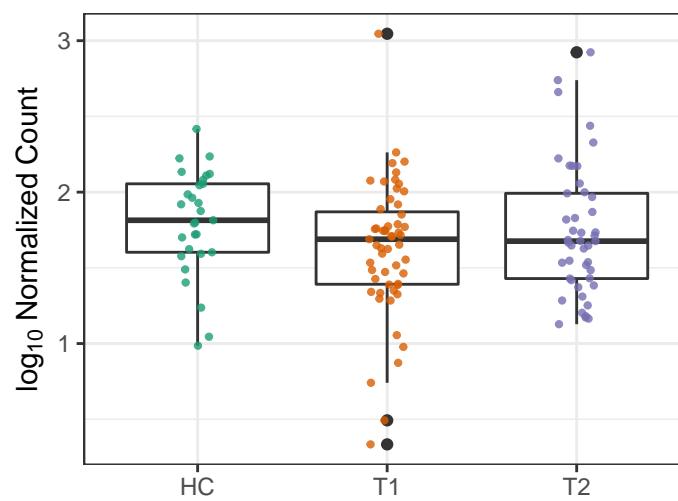
### Thermosulfurimonas

HC vs. T1 p = 0.084  
HC vs. T2 p = 0.46  
T1 vs. T2 p = 0.78



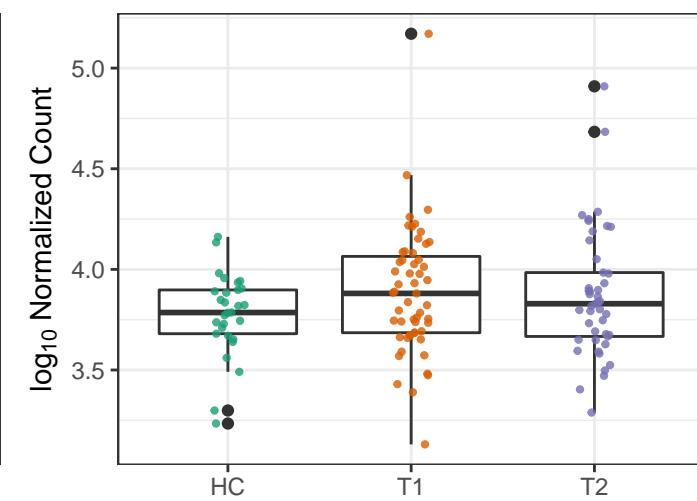
### Microcoleus

HC vs. T1 p = 0.085  
HC vs. T2 p = 0.54  
T1 vs. T2 p = 0.78



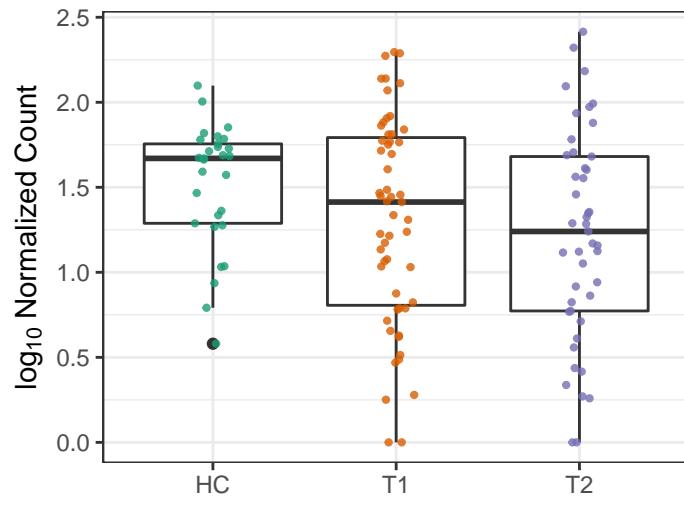
### Hungatella

HC vs. T1 p = 0.085  
HC vs. T2 p = 0.16  
T1 vs. T2 p = 0.97



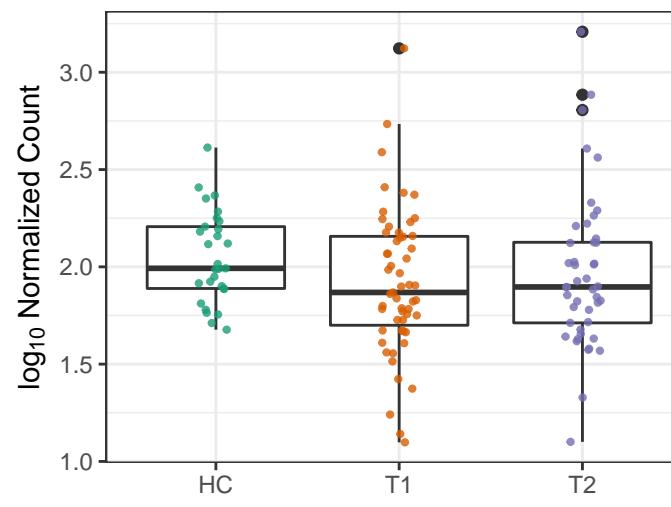
### Unclassified Nocardiaceae Family

HC vs. T1 p = 0.085  
HC vs. T2 p = 0.029  
T1 vs. T2 p = 0.83



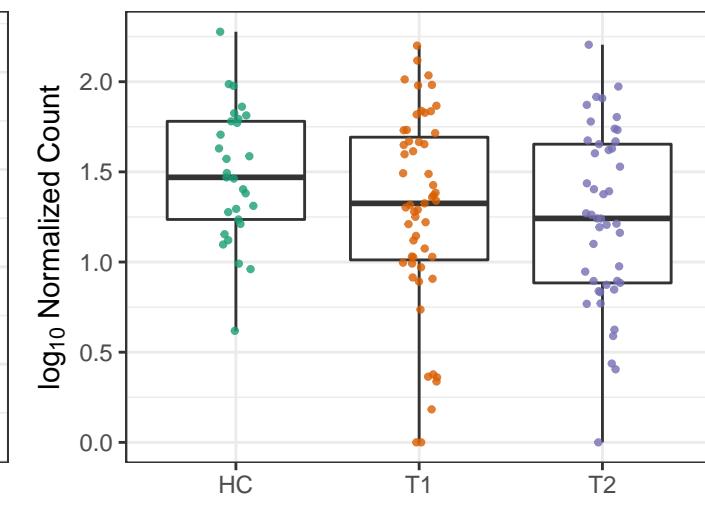
### Rubinisphaera

HC vs. T1 p = 0.085  
HC vs. T2 p = 0.32  
T1 vs. T2 p = 0.85



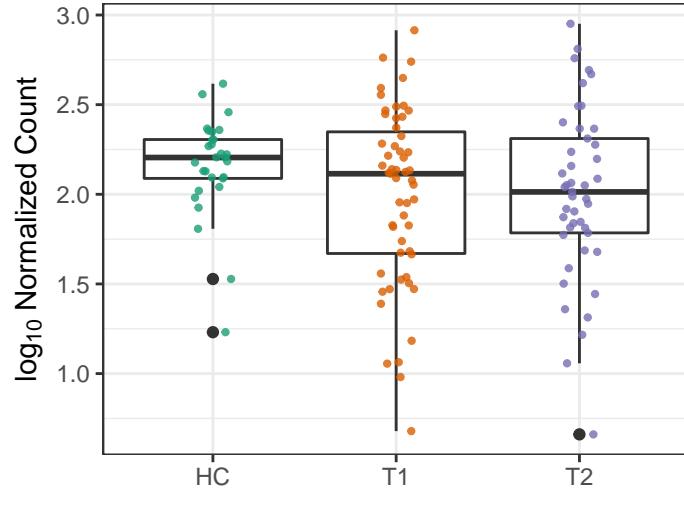
### Halop profundus

HC vs. T1 p = 0.086  
HC vs. T2 p = 0.046  
T1 vs. T2 p = 0.92



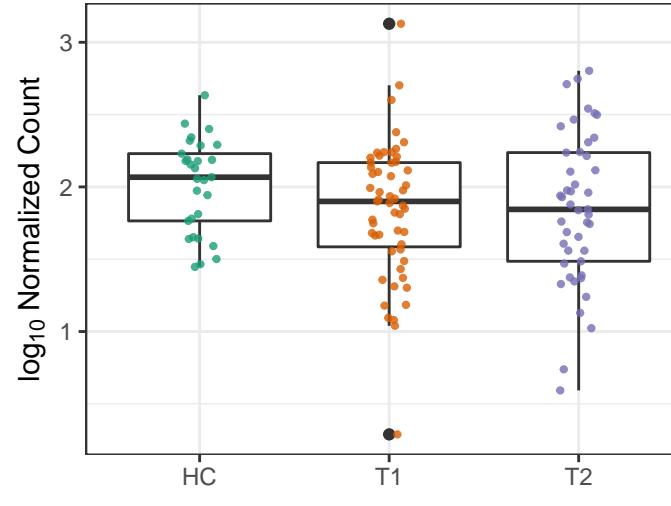
### Solimonas

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.85



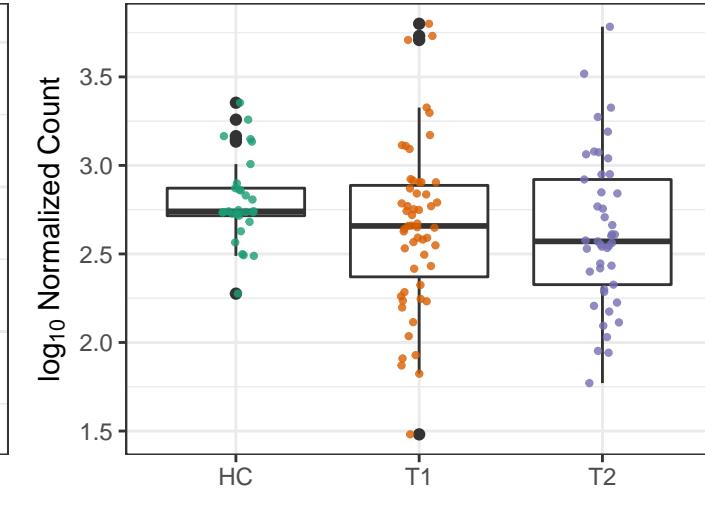
### Unclassified Halomonadaceae Family

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.14  
T1 vs. T2 p = 0.86



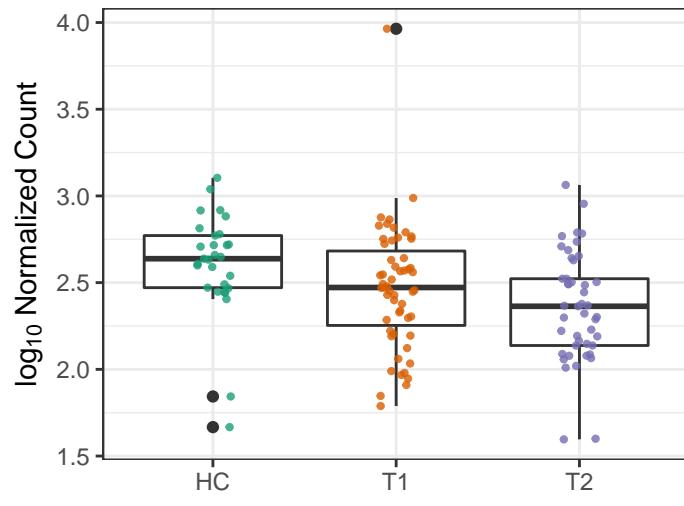
### Trueperella

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.055  
T1 vs. T2 p = 0.93



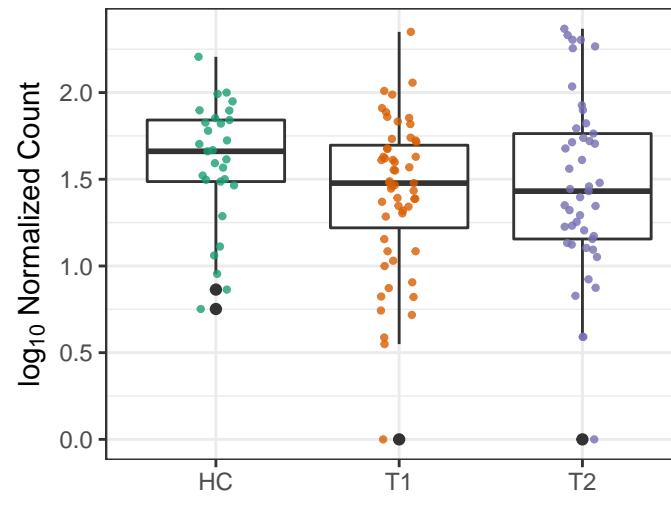
### Unclassified Nostocales Order

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.0097  
T1 vs. T2 p = 0.78



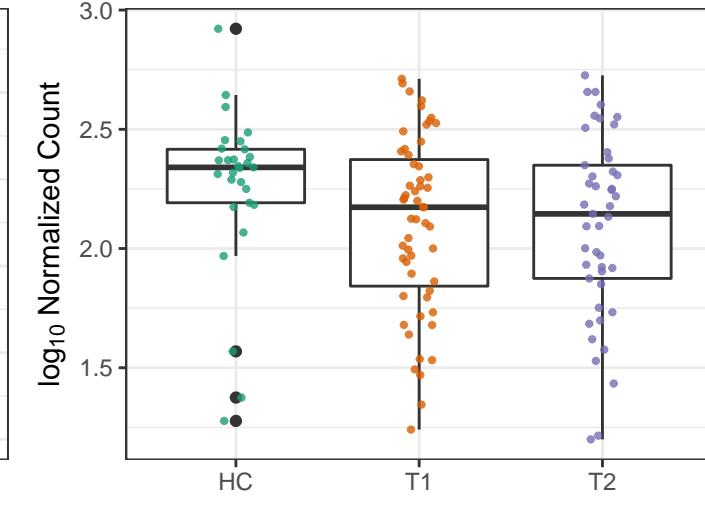
### Unclassified Planococcaceae Family

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.26  
T1 vs. T2 p = 0.91



### Aliivibrio

HC vs. T1 p = 0.087  
HC vs. T2 p = 0.093  
T1 vs. T2 p = 0.9

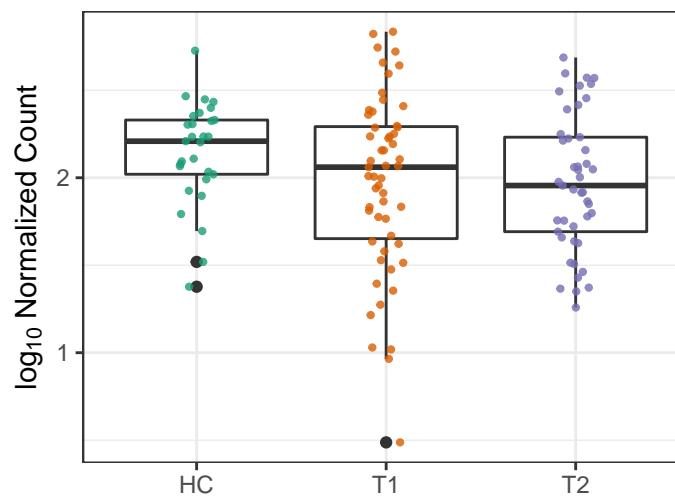


### *Natronolimnobius*

HC vs. T1 p = 0.088

HC vs. T2 p = 0.061

T1 vs. T2 p = 0.91

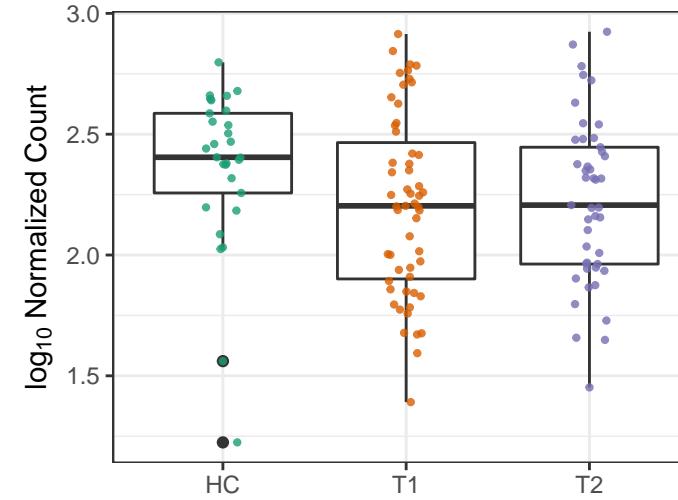


### *Fervidobacterium*

HC vs. T1 p = 0.088

HC vs. T2 p = 0.13

T1 vs. T2 p = 0.96

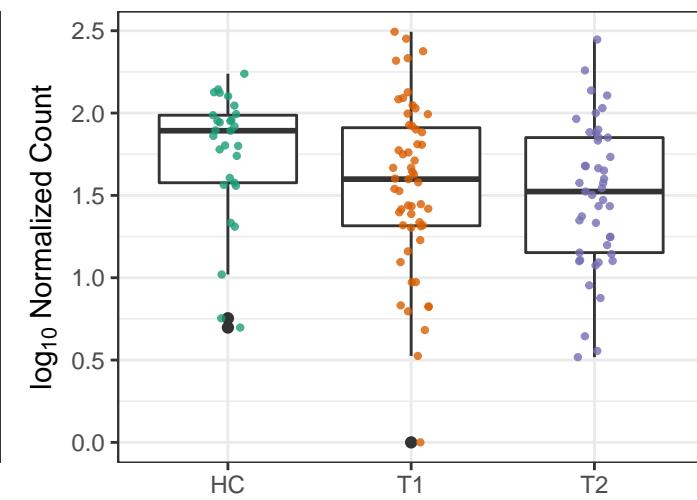


### *Owenweeksia*

HC vs. T1 p = 0.089

HC vs. T2 p = 0.033

T1 vs. T2 p = 0.78

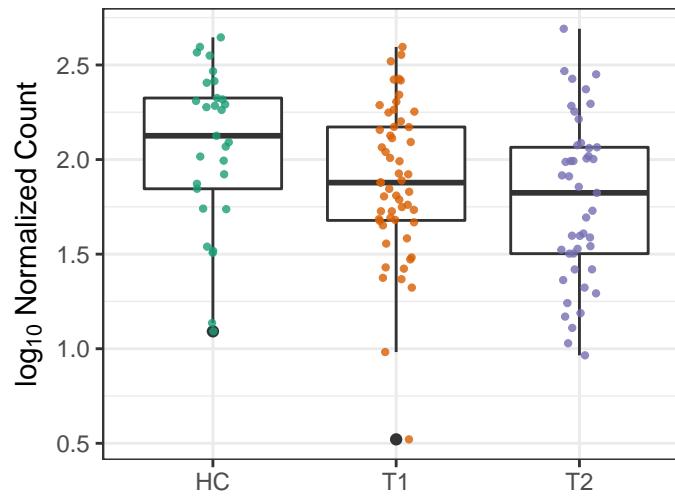


### *Halobacteroides*

HC vs. T1 p = 0.089

HC vs. T2 p = 0.023

T1 vs. T2 p = 0.78

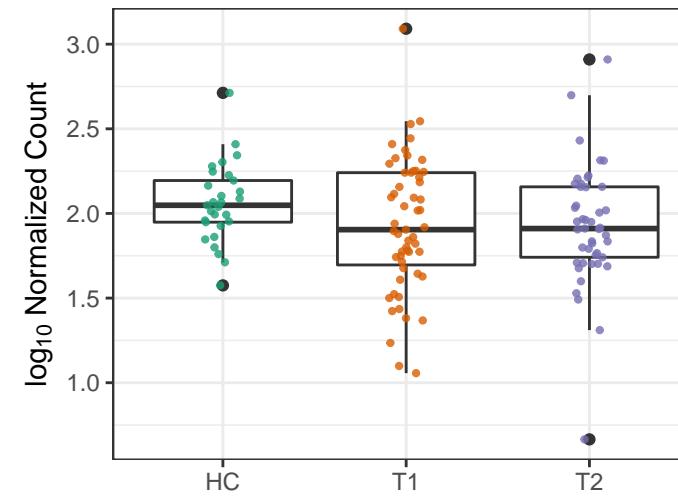


### *Granulosicoccus*

HC vs. T1 p = 0.091

HC vs. T2 p = 0.086

T1 vs. T2 p = 1

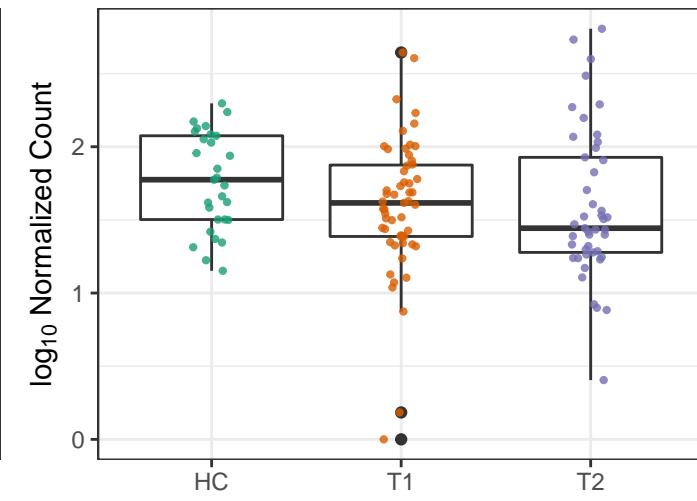


### *Limnobaculum*

HC vs. T1 p = 0.091

HC vs. T2 p = 0.12

T1 vs. T2 p = 0.98

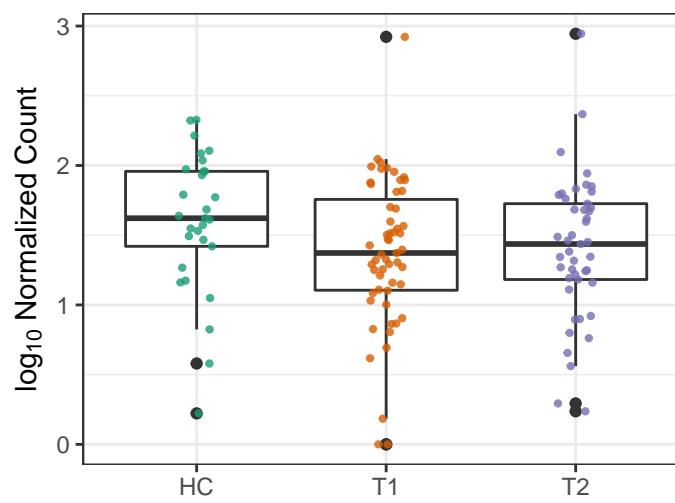


### *Thermodesulfatator*

HC vs. T1 p = 0.091

HC vs. T2 p = 0.16

T1 vs. T2 p = 0.84

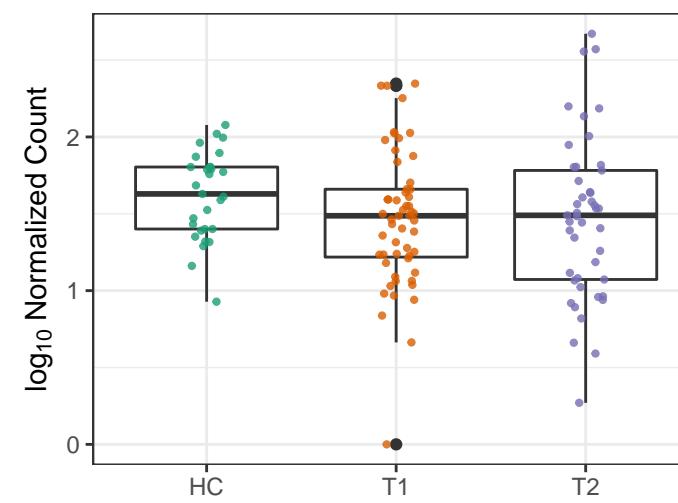


### *Mycetocola*

HC vs. T1 p = 0.092

HC vs. T2 p = 0.17

T1 vs. T2 p = 0.89

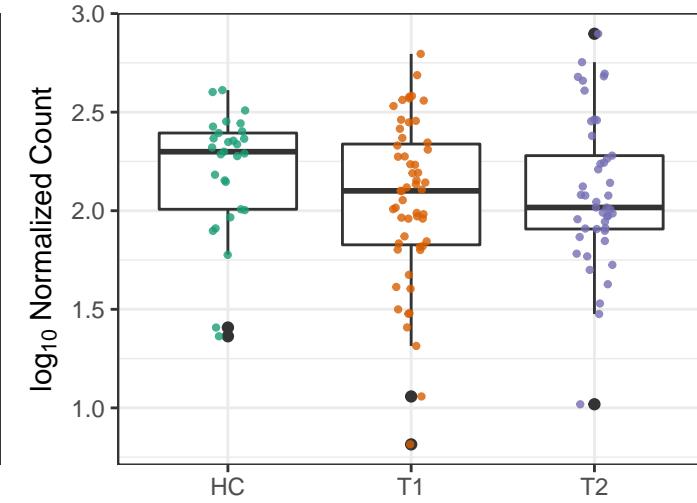


### *Caldanaerobacter*

HC vs. T1 p = 0.093

HC vs. T2 p = 0.23

T1 vs. T2 p = 0.93

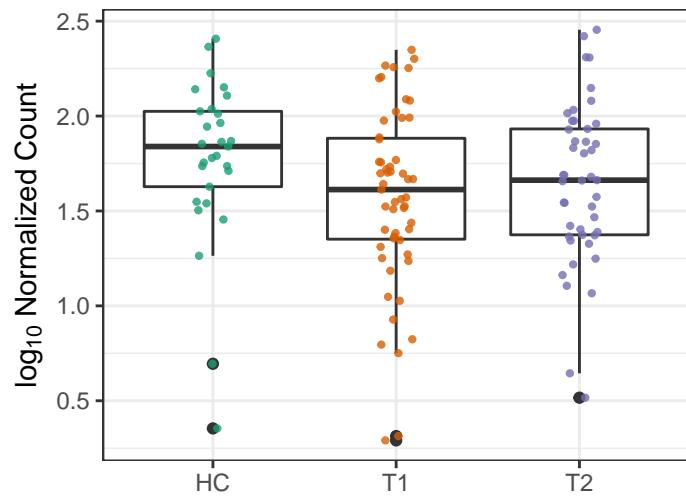


### Candidatus Riesia

HC vs. T1 p = 0.094

HC vs. T2 p = 0.29

T1 vs. T2 p = 0.78

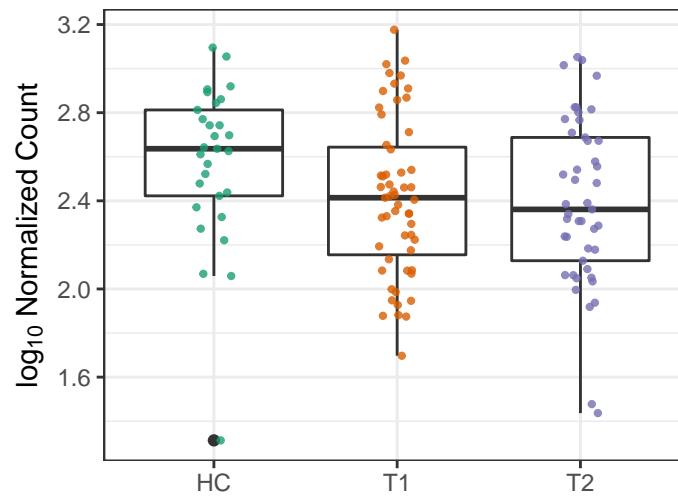


### Caloramator

HC vs. T1 p = 0.094

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.86

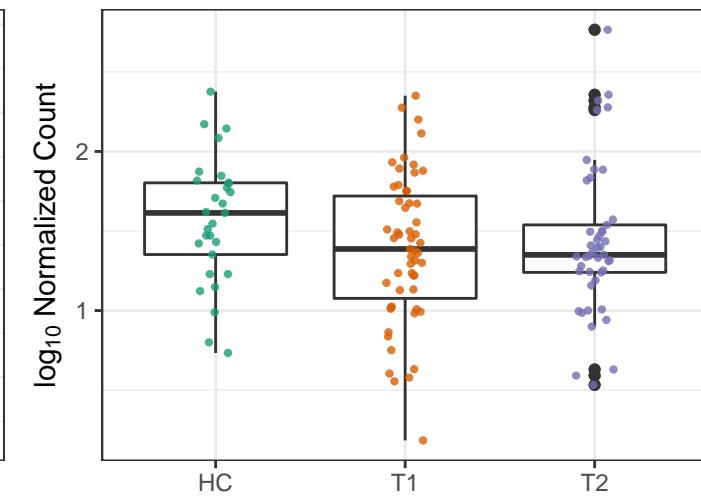


### Simonsiella

HC vs. T1 p = 0.094

HC vs. T2 p = 0.22

T1 vs. T2 p = 0.85

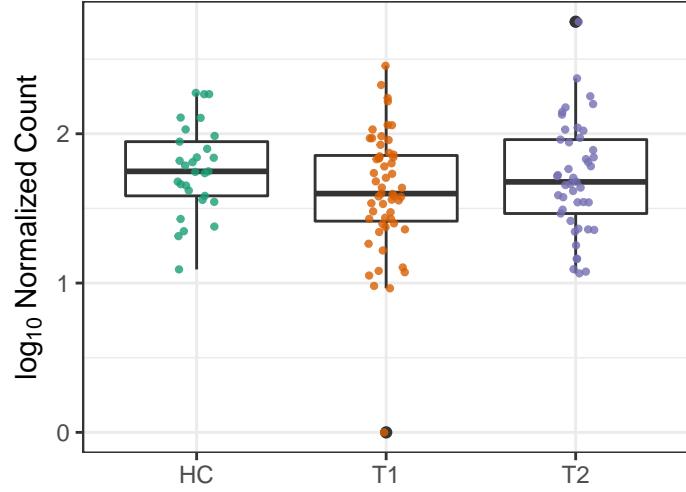


### Hoyosella

HC vs. T1 p = 0.095

HC vs. T2 p = 0.51

T1 vs. T2 p = 0.78

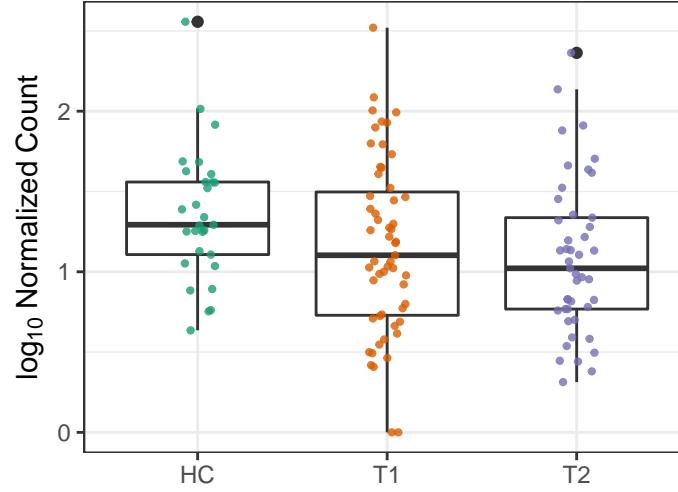


### Candidatus Fukatsuia

HC vs. T1 p = 0.095

HC vs. T2 p = 0.031

T1 vs. T2 p = 0.8

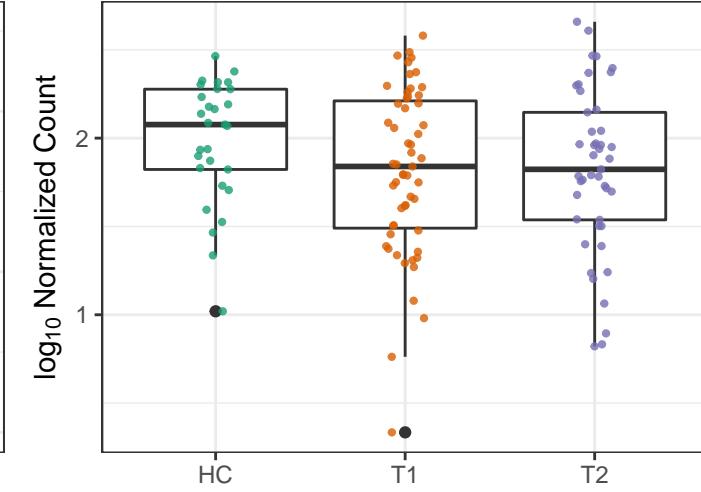


### Candidatus Syntrophocurvum

HC vs. T1 p = 0.095

HC vs. T2 p = 0.13

T1 vs. T2 p = 0.99

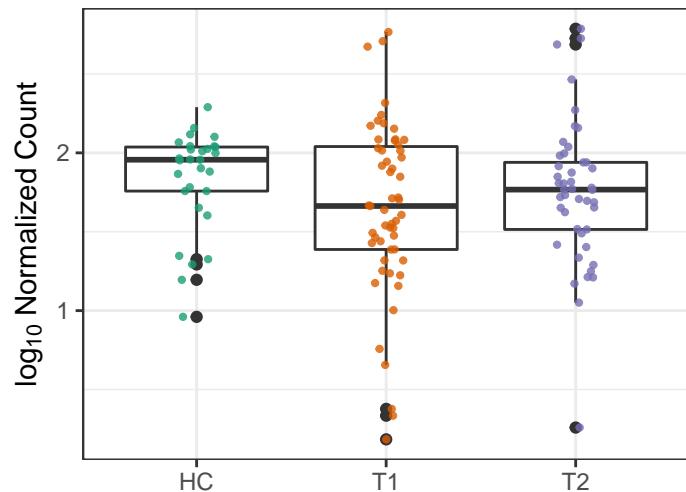


### Acetomicrobium

HC vs. T1 p = 0.095

HC vs. T2 p = 0.44

T1 vs. T2 p = 0.78

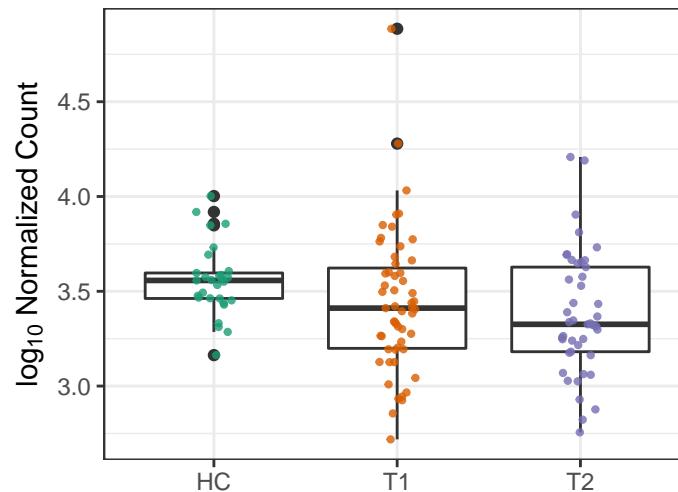


### Unclassified Enterobacterales Order

HC vs. T1 p = 0.095

HC vs. T2 p = 0.017

T1 vs. T2 p = 0.97

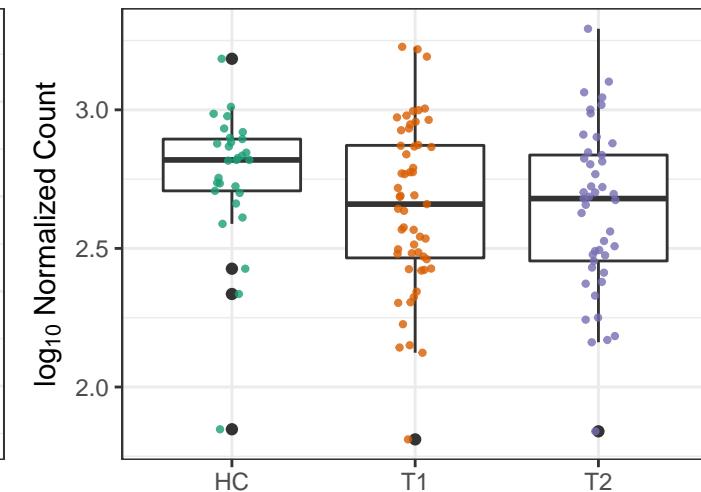


### Providencia

HC vs. T1 p = 0.095

HC vs. T2 p = 0.08

T1 vs. T2 p = 0.94

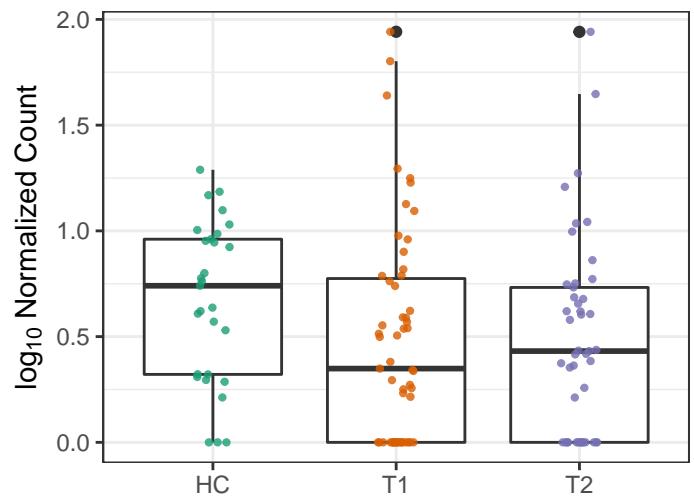


### Unclassified Nocardiopsaceae Family

HC vs. T1 p = 0.096

HC vs. T2 p = 0.12

T1 vs. T2 p = 0.85

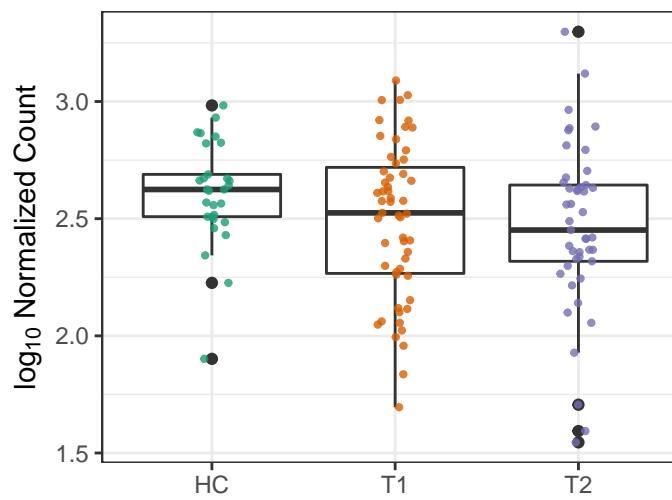


### Actinobacillus

HC vs. T1 p = 0.096

HC vs. T2 p = 0.065

T1 vs. T2 p = 0.98

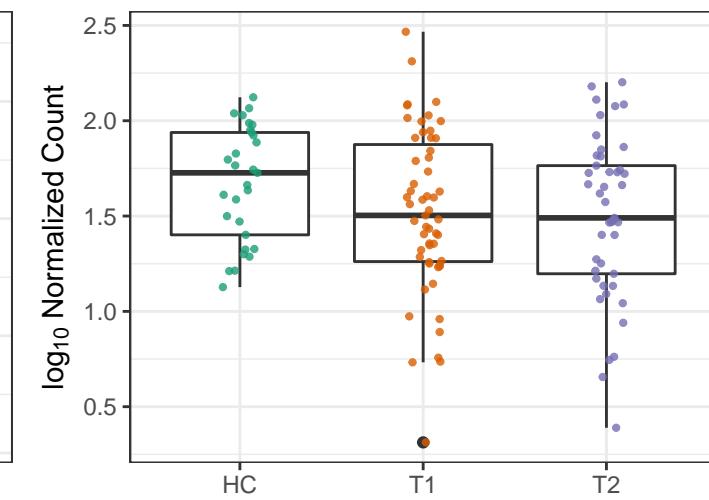


### Commensalibacter

HC vs. T1 p = 0.096

HC vs. T2 p = 0.07

T1 vs. T2 p = 0.8

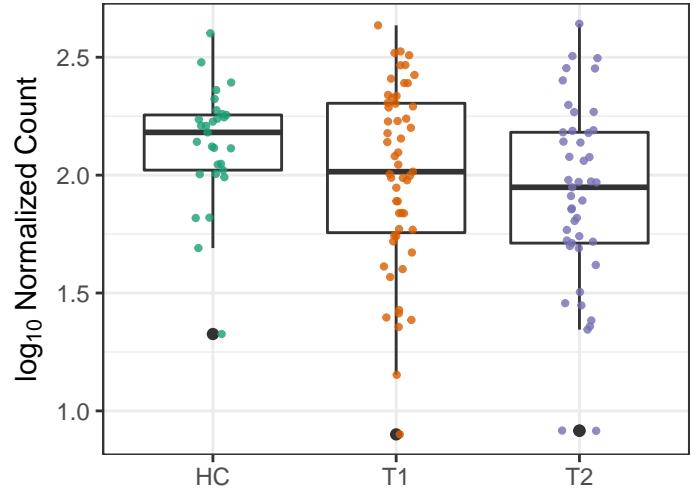


### Liberibacter

HC vs. T1 p = 0.096

HC vs. T2 p = 0.019

T1 vs. T2 p = 0.78

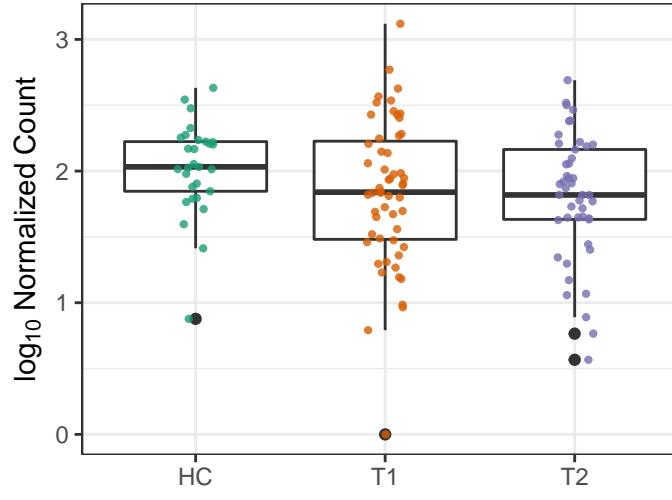


### Kytococcus

HC vs. T1 p = 0.096

HC vs. T2 p = 0.052

T1 vs. T2 p = 0.99

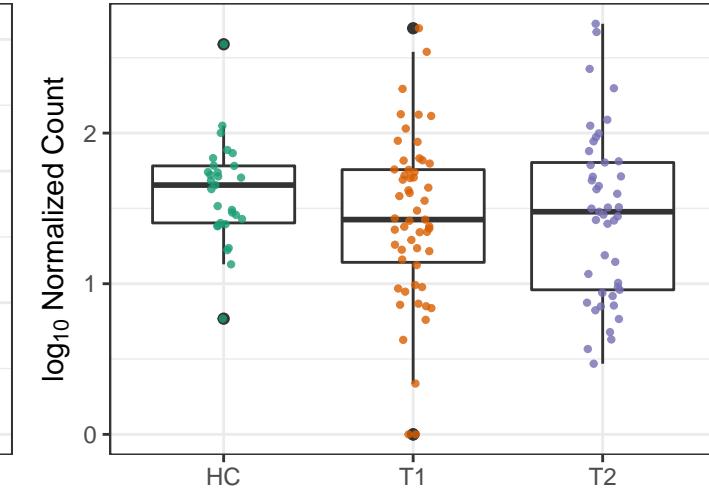


### Halostella

HC vs. T1 p = 0.098

HC vs. T2 p = 0.17

T1 vs. T2 p = 0.97

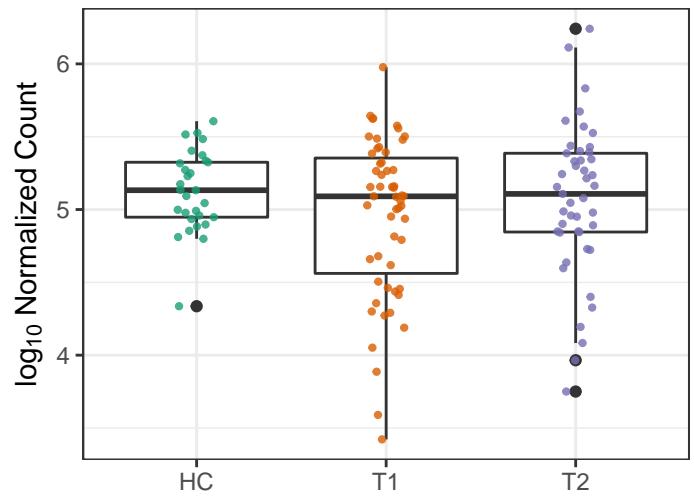


### Anaerobutyricum

HC vs. T1 p = 0.098

HC vs. T2 p = 0.56

T1 vs. T2 p = 0.78

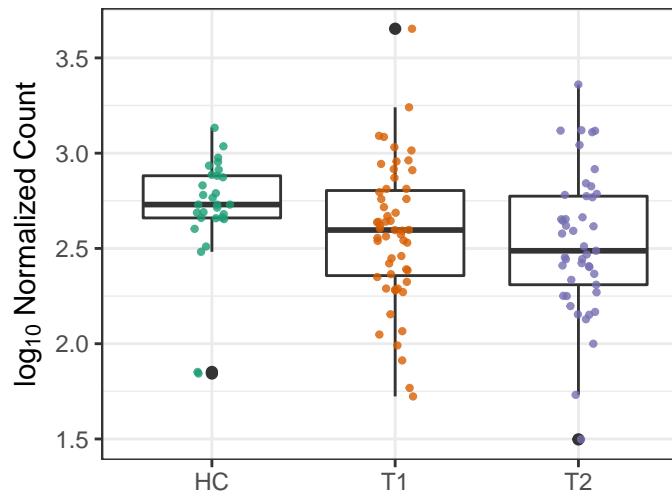


### Unclassified Pasteurellaceae Family

HC vs. T1 p = 0.098

HC vs. T2 p = 0.043

T1 vs. T2 p = 0.98

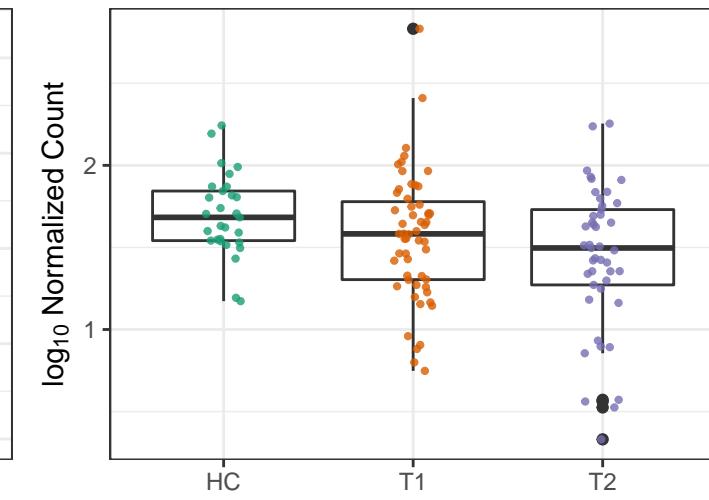


### Gillisia

HC vs. T1 p = 0.098

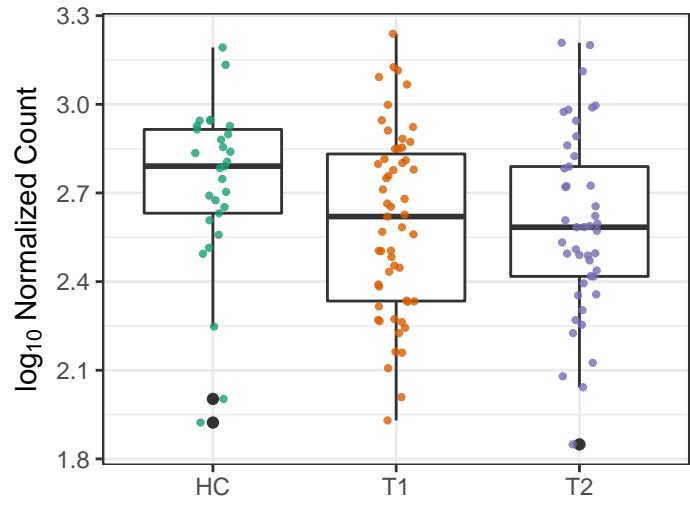
HC vs. T2 p = 0.014

T1 vs. T2 p = 0.78



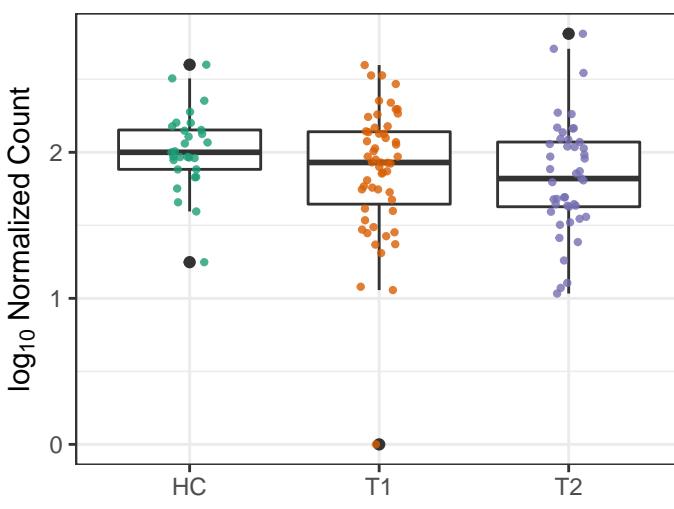
### Bartonella

HC vs. T1 p = 0.099  
HC vs. T2 p = 0.089  
T1 vs. T2 p = 0.99



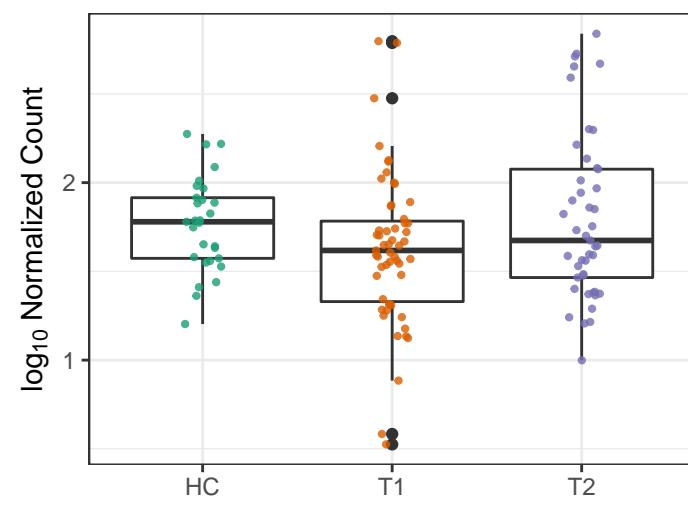
### Unclassified Flammeeovirgaceae Family

HC vs. T1 p = 0.099  
HC vs. T2 p = 0.042  
T1 vs. T2 p = 0.81



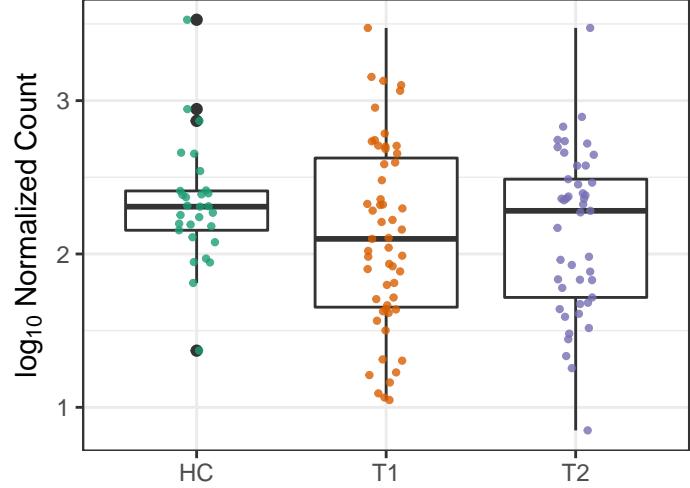
### Mariniblastus

HC vs. T1 p = 0.099  
HC vs. T2 p = 0.72  
T1 vs. T2 p = 0.68



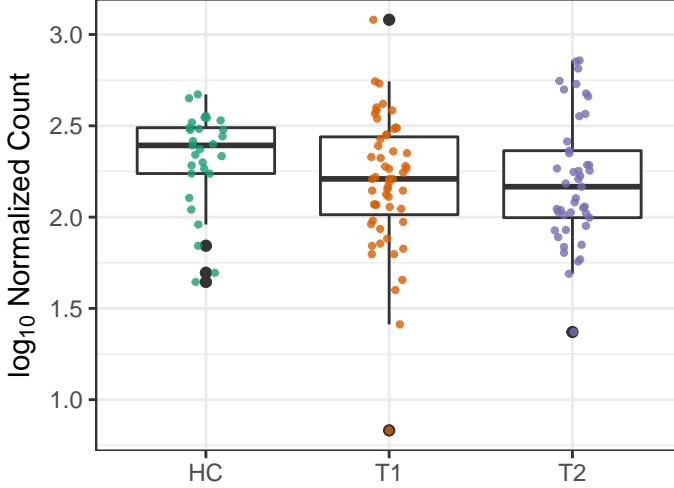
### Unclassified Actinomycetaceae Family

HC vs. T1 p = 0.099  
HC vs. T2 p = 0.15  
T1 vs. T2 p = 0.79



### Tepidanaerobacter

HC vs. T1 p = 0.099  
HC vs. T2 p = 0.13  
T1 vs. T2 p = 0.99



### Parageobacillus

HC vs. T1 p = 0.1  
HC vs. T2 p = 0.42  
T1 vs. T2 p = 0.8

