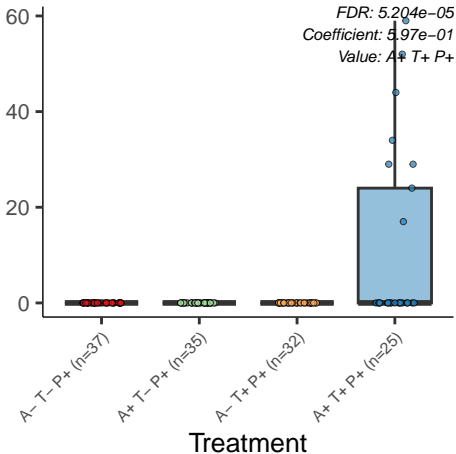
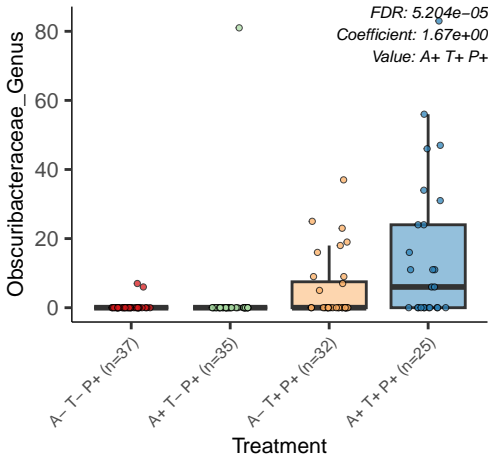


Parahodobacter





X67.14\_Genus

*FDR: 1.147e-04*

*Coefficient: -3.18e+00*

*Value: A- T+ P+*

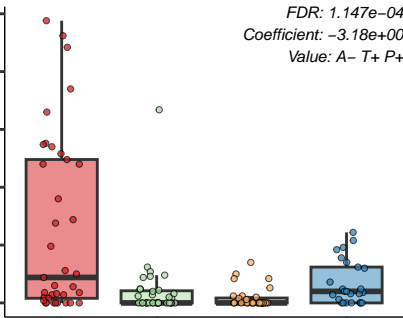
A-T-P+ (n=37)

A+T-P+ (n=35)

A-T+P+ (n=32)

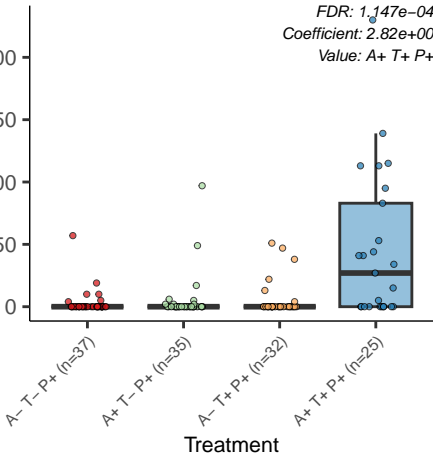
A+T+P+ (n=25)

Treatment



Pseudoxanthomonas

*FDR: 1.147e-04*  
*Coefficient: 2.82e+00*  
*Value: A+ T+ P+*



Unknown\_Family\_Genus

FDR: 1.197e-04

Coefficient: 1.66e+00

Value: A- T+ P+

75

50

25

0

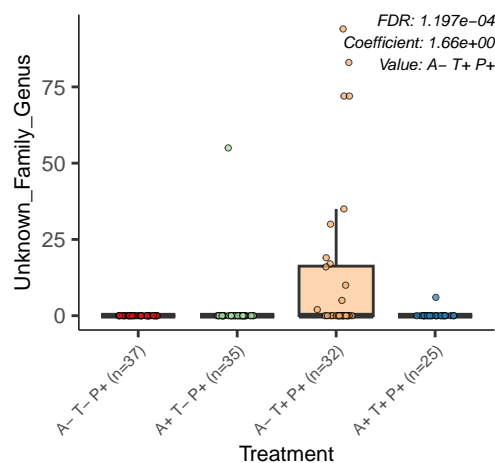
A- T- P+ (n=37)

A+ T- P+ (n=35)

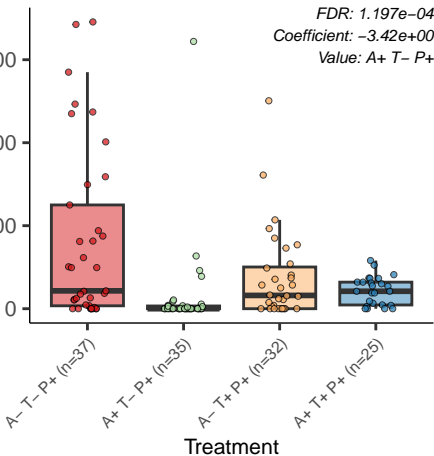
A- T+ P+ (n=32)

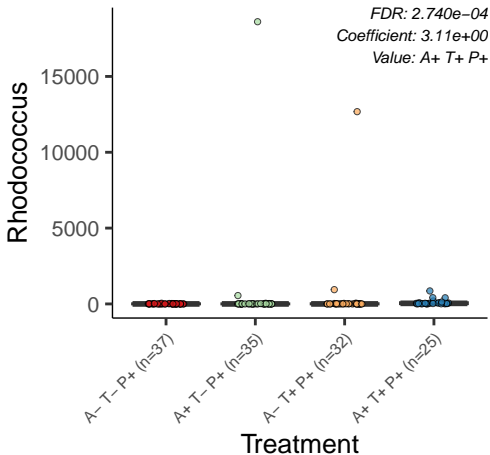
A+ T+ P+ (n=25)

Treatment



Gemmataceae\_Genus





Rhodovarius

FDR: 4.207e-04

Coefficient: -1.39e+00

Value: A+ T- P+

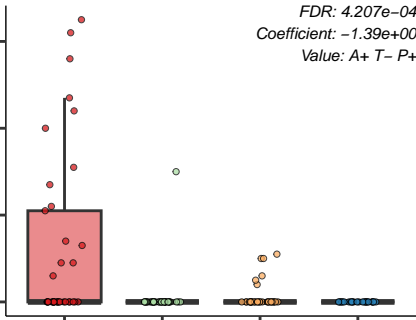
A- T- P+ (n=37)

A+ T- P+ (n=35)

A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment





Rhodovarius

FDR: 4.207e-04

Coefficient: -1.51e+00

Value: A+ T+ P+

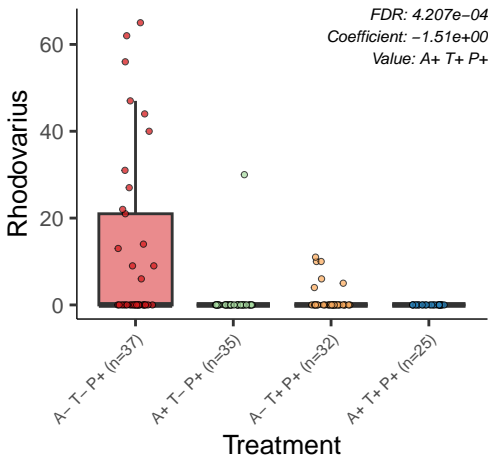
A-T-P+ (n=37)

A+ T-P+ (n=35)

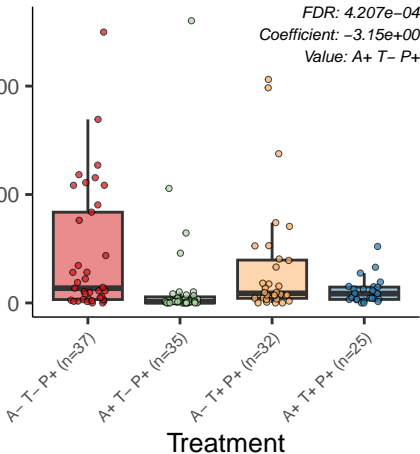
A-T+P+ (n=32)

A+ T+P+ (n=25)

Treatment



Mycobacterium



X67.14\_Genus

FDR: 1.052e-03

Coefficient: -2.66e+00

Value: A+ T- P+

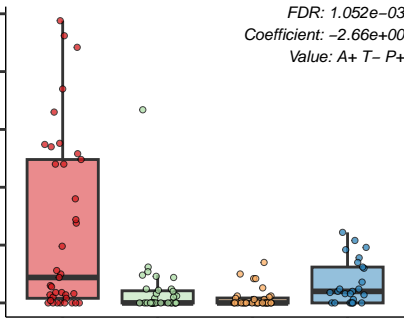
A-T-P+ (n=37)

A+ T-P+ (n=35)

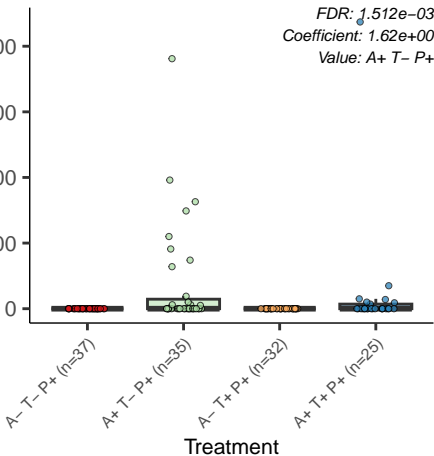
A-T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



# Uliginosibacterium



Vampirovibrionaceae\_Genus

*FDR: 1.552e-03*

*Coefficient: -2.85e+00*

*Value: A+ T- P+*

2000

1000

0

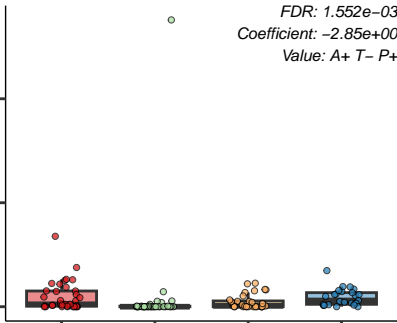
A- T- P+ (n=37)

A+ T- P+ (n=35)

A- T+ P+ (n=32)

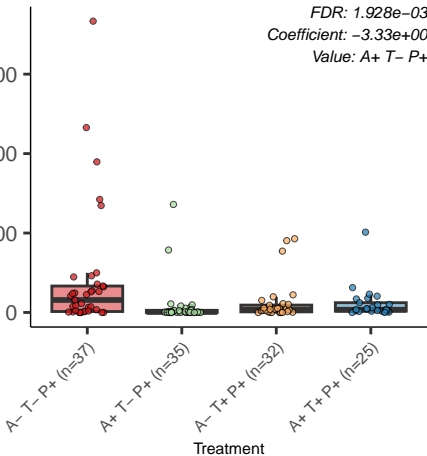
A+ T+ P+ (n=25)

Treatment

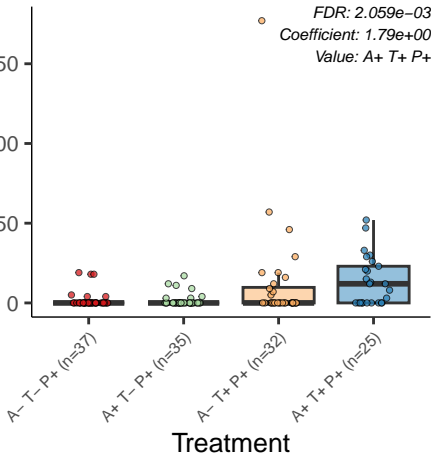


Hyphomicrobiales\_Incertae\_Sedis\_Genus

*FDR: 1.928e-03*  
*Coefficient: -3.33e+00*  
*Value: A+ T- P+*



Chitinibacter



Rubrivivax

*FDR: 4.265e-03*

*Coefficient: -2.48e+00*

*Value: A+ T- P+*

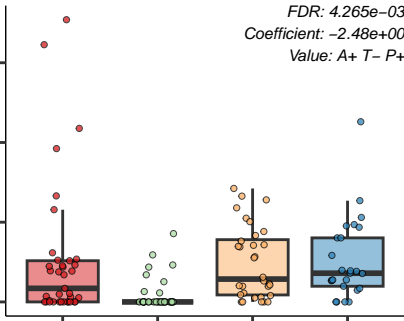
A-T-P+ (n=37)

A+ T- P+ (n=35)

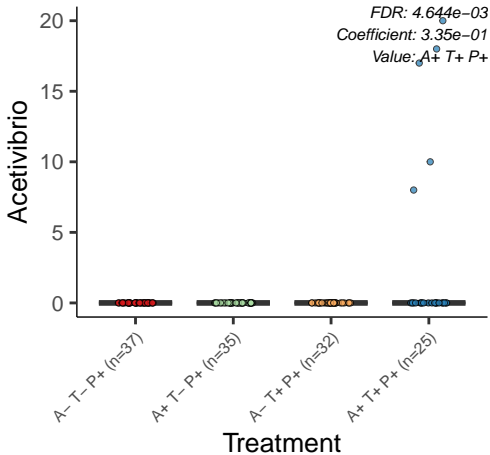
A-T+ P+ (n=32)

A+ T+ P+ (n=25)

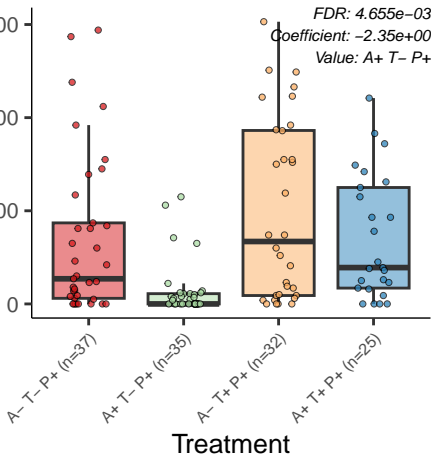
Treatment





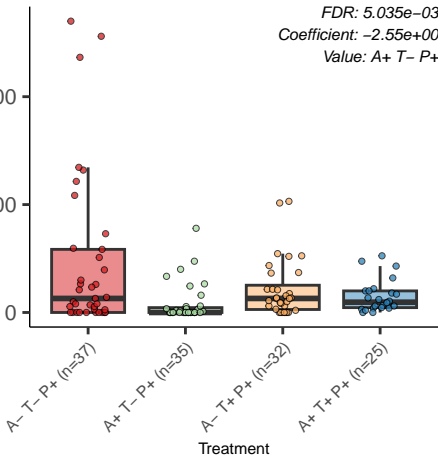


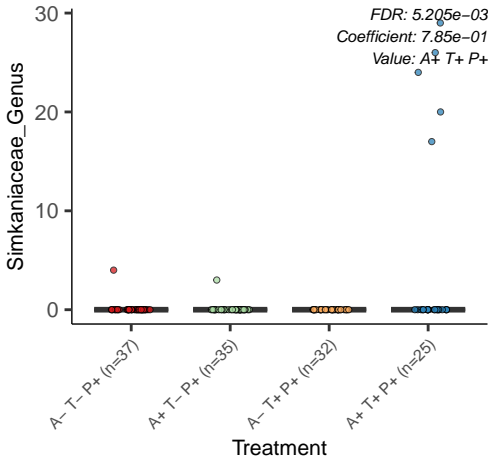
Roseomonas



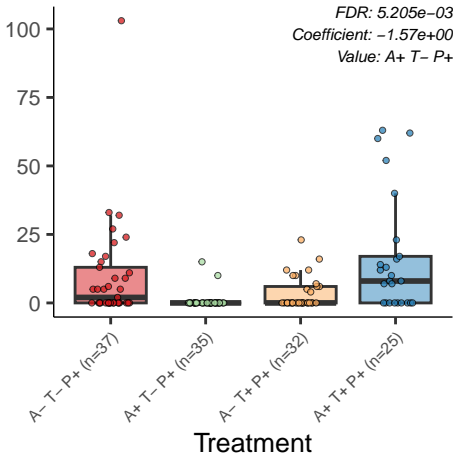
Pseudobdellovibrionaceae\_Genus

*FDR: 5.035e-03*  
*Coefficient: -2.55e+00*  
*Value: A+ T- P+*





Roseicella



Candidatus\_Obscuribacter

*FDR: 5.735e-03*  
*Coefficient: 2.23e+00*  
*Value: A+ T+ P+*

200

100

0

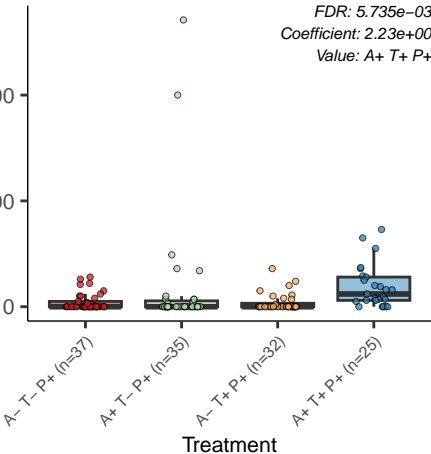
A- T- P+ (n=37)

A+ T- P+ (n=35)

A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



Rhodovarius

FDR: 6.600e-03

Coefficient: -1.15e+00

Value: A- T+ P+

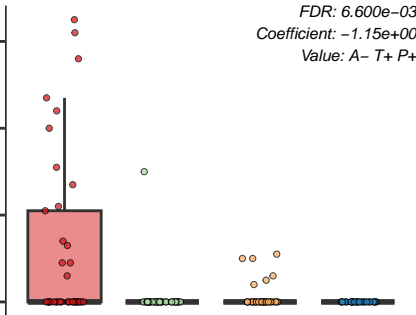
A- T- P+ (n=37)

A+ T- P+ (n=35)

A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



Flavihumibacter

*FDR: 6.600e-03*  
*Coefficient: 1.88e+00*  
*Value: A+ T+ P+*

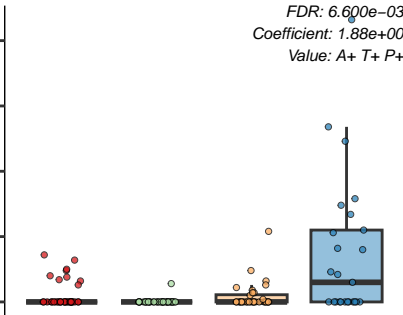
A-T-P+ (n=37)

A+ T-P+ (n=35)

A-T+ P+ (n=32)

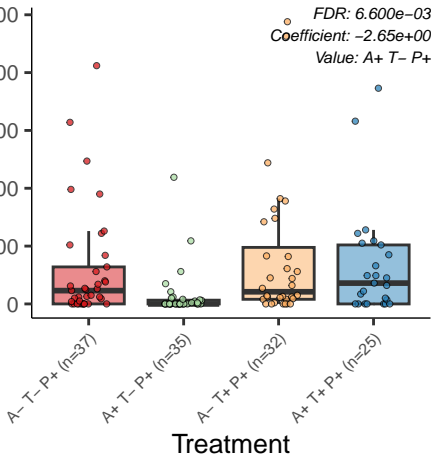
A+ T+ P+ (n=25)

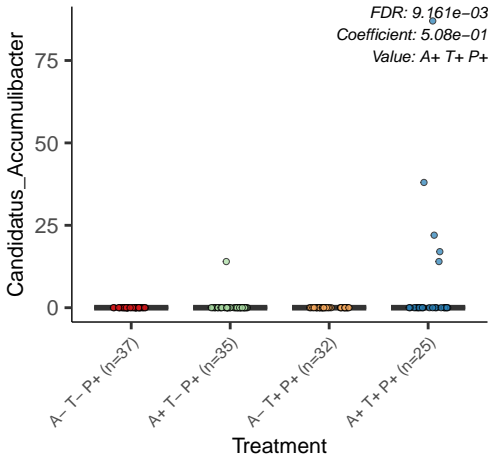
Treatment

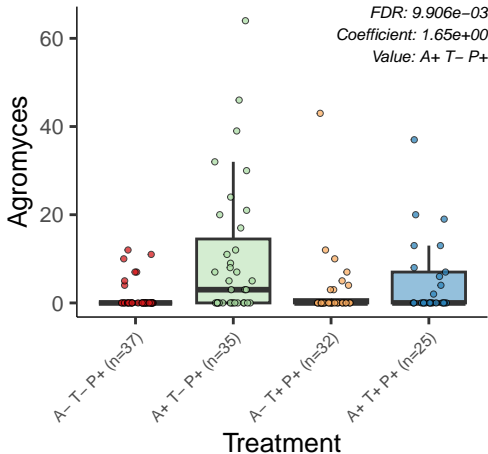


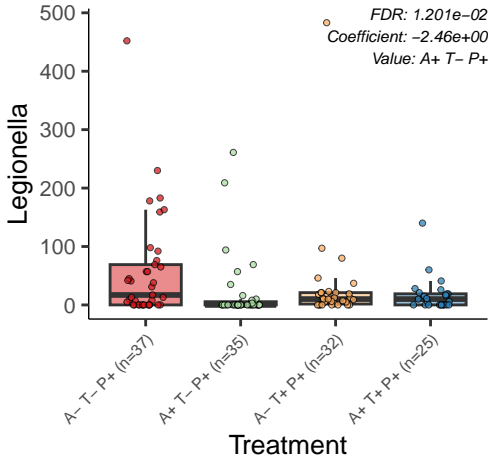


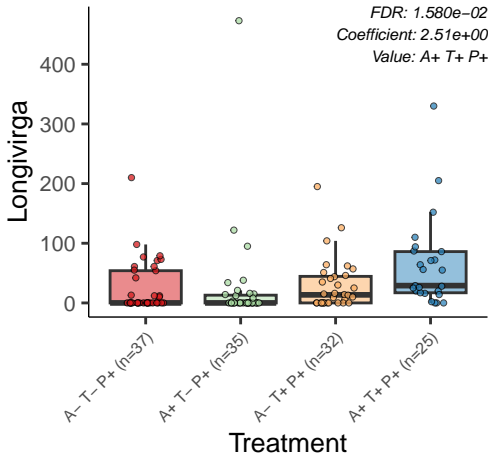
Tundrisphaera









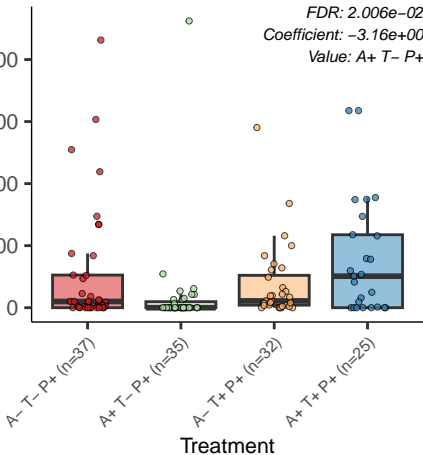


env.OPS\_17\_Genus

*FDR: 2.006e-02*

*Coefficient: -3.16e+00*

*Value: A+ T- P+*



PeM15\_Genus

*FDR: 2.006e-02*

*Coefficient: -1.58e+00*

*Value: A+ T- P+*

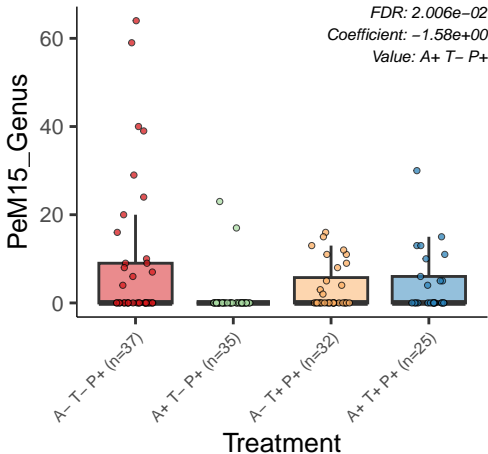
A-T-P+ (n=37)

A+ T- P+ (n=35)

A-T+P+ (n=32)

A+ T+ P+ (n=25)

Treatment

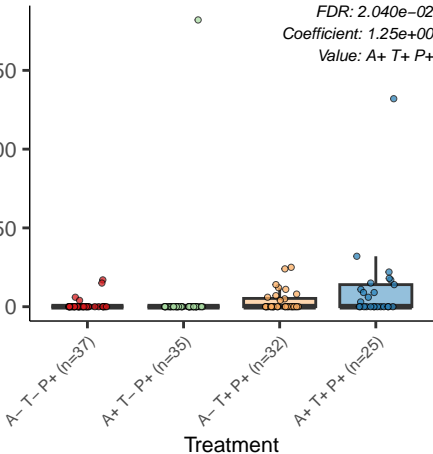


Beijerinckiaceae\_Genus

FDR: 2.040e-02

Coefficient: 1.25e+00

Value: A+ T+ P+





Paracoccaceae\_Genus

*FDR: 2.040e-02*

*Coefficient: -1.82e+00*

*Value: A+ T- P+*

2000

1000

0

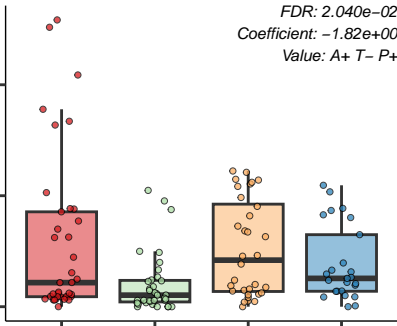
A- T- P+ (n=37)

A+ T- P+ (n=35)

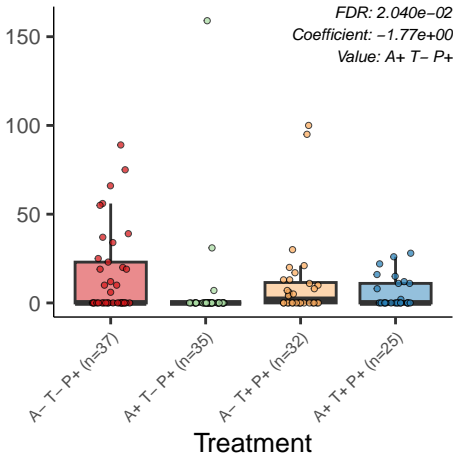
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment

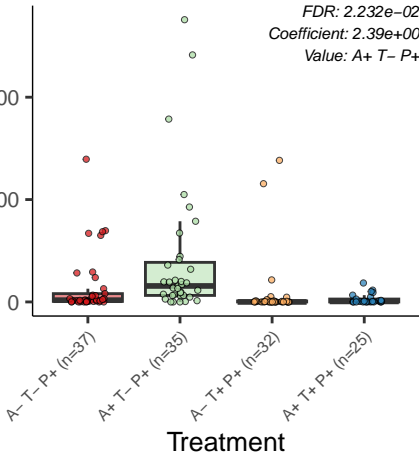


alpha\_cluster

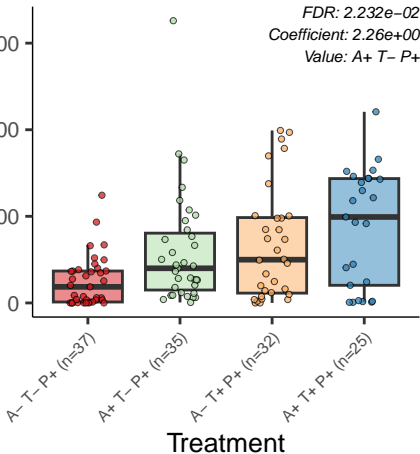


Acinetobacter

*FDR: 2.232e-02*  
*Coefficient: 2.39e+00*  
*Value: A+ T- P+*



Shewanella



Luteolibacter

*FDR: 2.587e-02*

*Coefficient: -1.51e+00*

*Value: A+ T- P+*

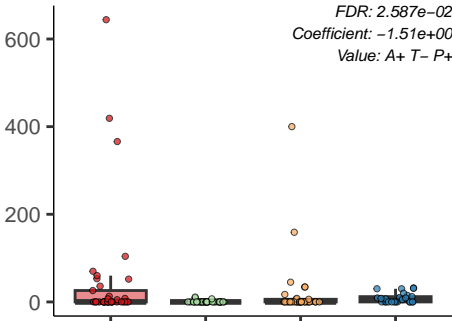
A- T- P+ (n=37)

A+ T- P+ (n=35)

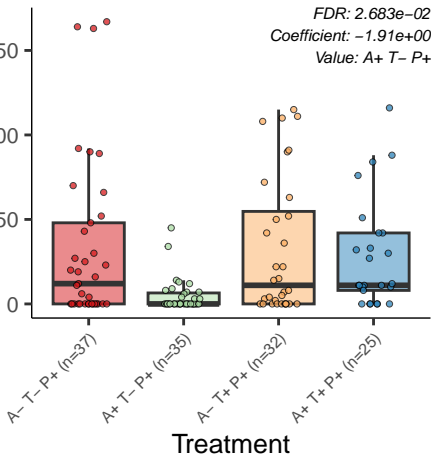
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



Rhodovastum



Polymorphobacter

*FDR: 3.630e-02*

*Coefficient: -1.93e+00*

*Value: A+ T- P+*

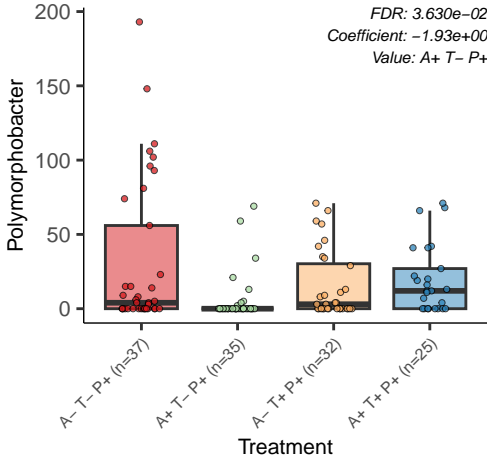
A- T- P+ (n=37)

A+ T- P+ (n=35)

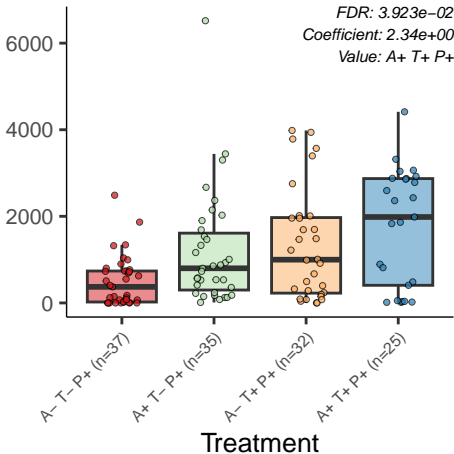
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment

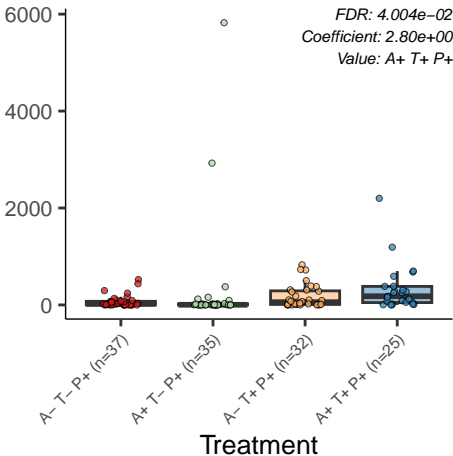


Shewanella





Chryseotalea

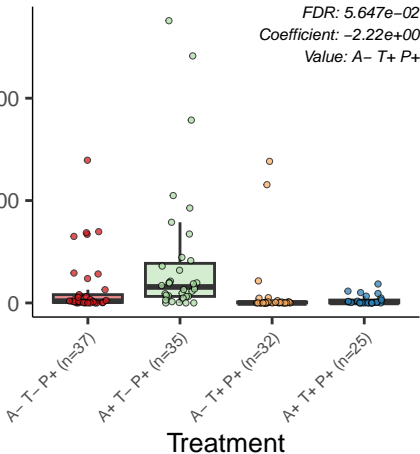


Acinetobacter

FDR: 5.647e-02

Coefficient: -2.22e+00

Value: A- T+ P+



Candidatus\_Alysiosphaera

FDR: 6.002e-02

Coefficient: -1.11e+00

Value: A+ T- P+

60  
40  
20  
0

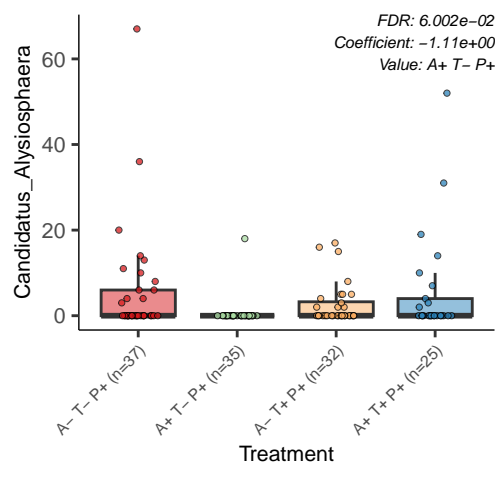
A- T- P+ (n=37)

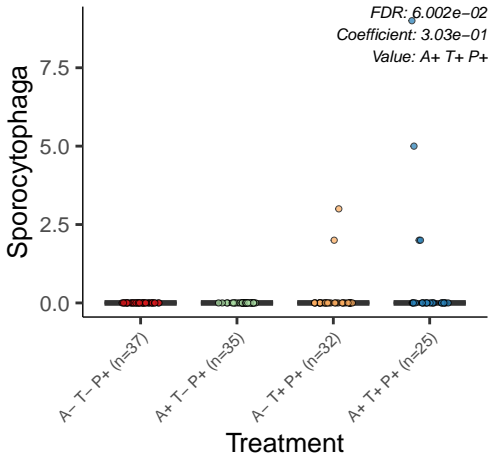
A+ T- P+ (n=35)

A- T+ P+ (n=32)

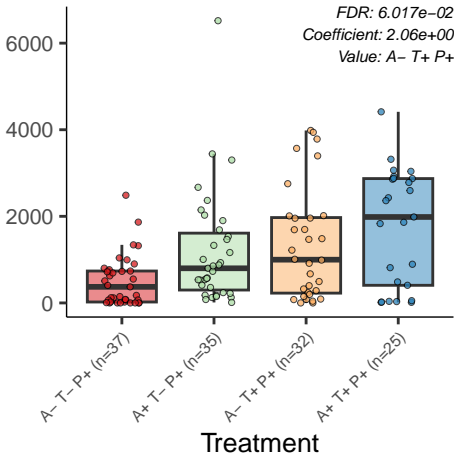
A+ T+ P+ (n=25)

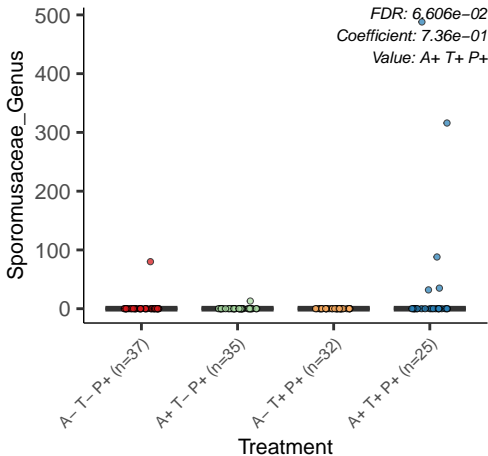
Treatment





Shewanella



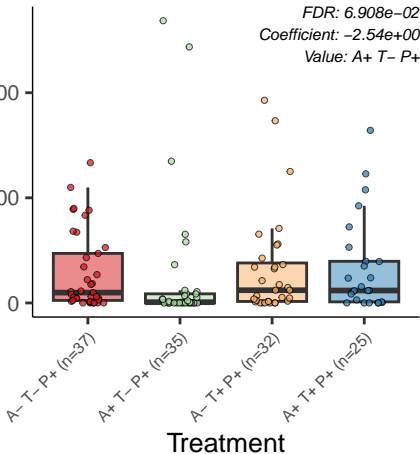


Dechloromonas

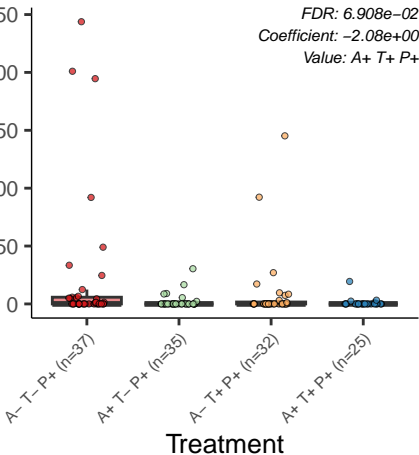
*FDR: 6.908e-02*

*Coefficient: -2.54e+00*

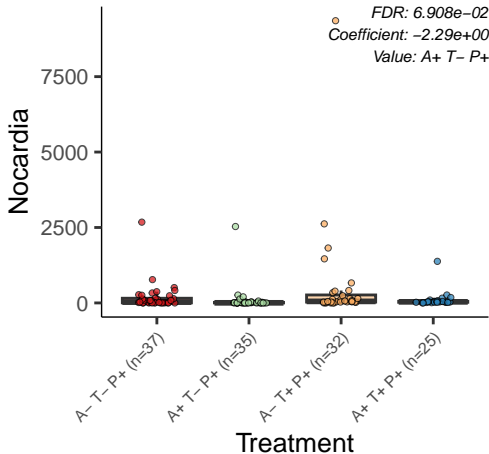
*Value: A+ T- P+*



Brevifollis

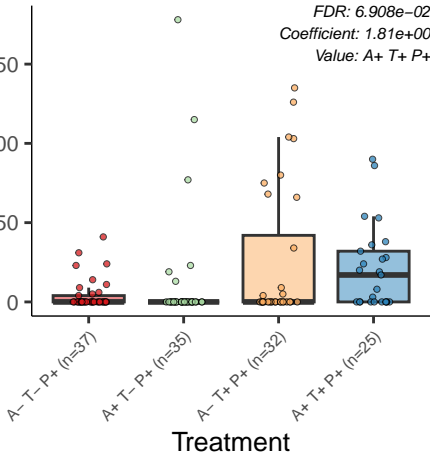




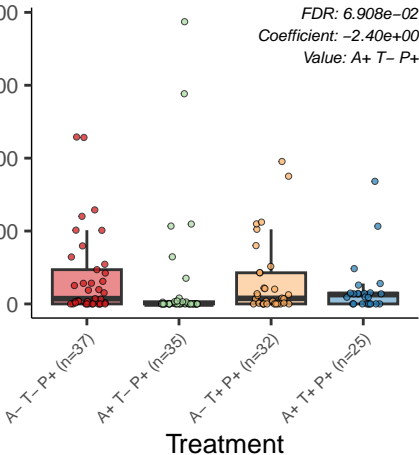


Chthoniobacter

*FDR: 6.908e-02*  
*Coefficient: 1.81e+00*  
*Value: A+ T+ P+*



Niveibacterium



Aquihabitans

*FDR: 7.764e-02*

*Coefficient: -1.91e+00*

*Value: A+ T- P+*

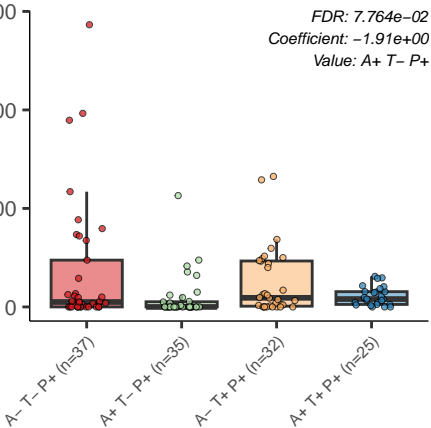
A-T-P+ (n=37)

A+ T- P+ (n=35)

A-T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



Chitinimonas

*FDR: 7.764e-02*  
*Coefficient: 1.14e+00*  
*Value: A+ T+ P+*

A-T-P+ (n=37)

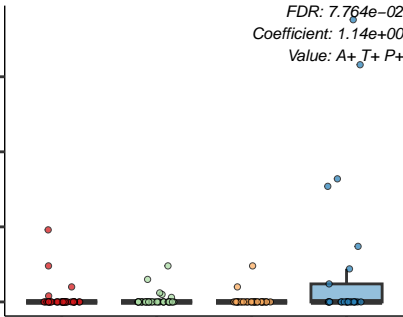
A+ T-P+ (n=35)

A-T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment

150  
100  
50  
0



Parachlamydiaceae\_Genus

*FDR: 7.840e-02*

*Coefficient: 1.16e+00*

*Value: A+ T- P+*

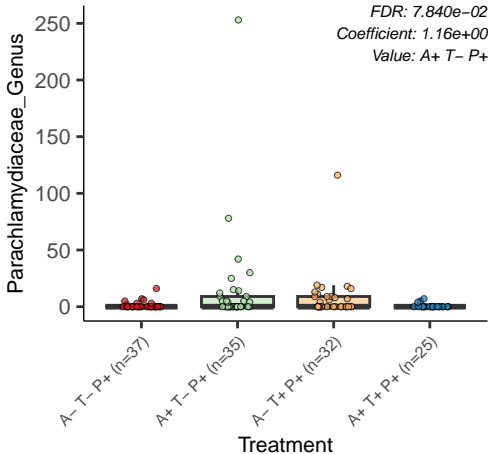
A- T- P+ (n=37)

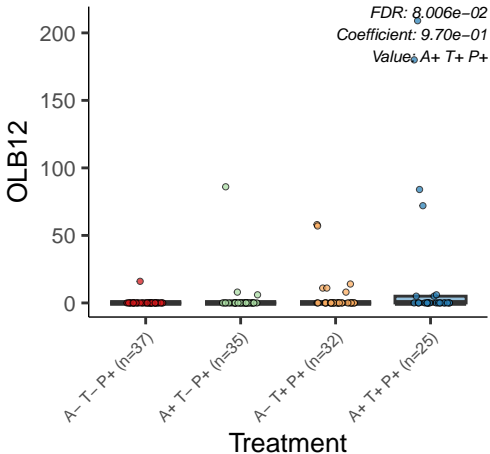
A+ T- P+ (n=35)

A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



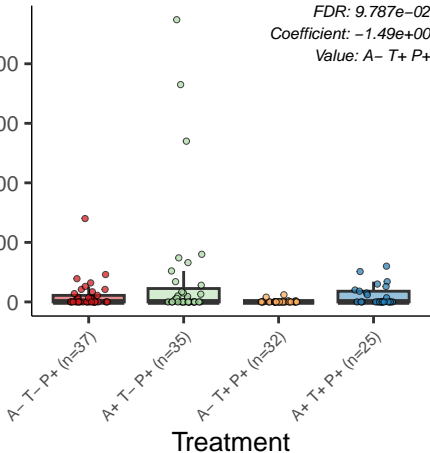


Halomonas

*FDR: 9.787e-02*

*Coefficient: -1.49e+00*

*Value: A- T+ P+*



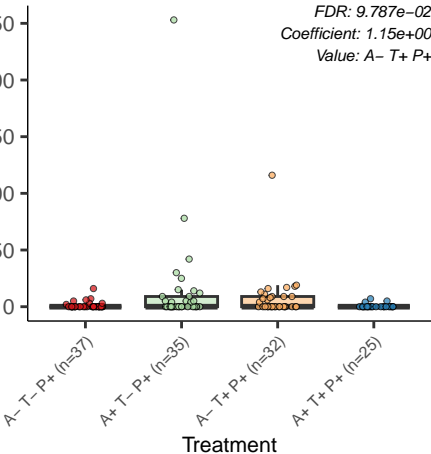


Parachlamydiaceae\_Genus

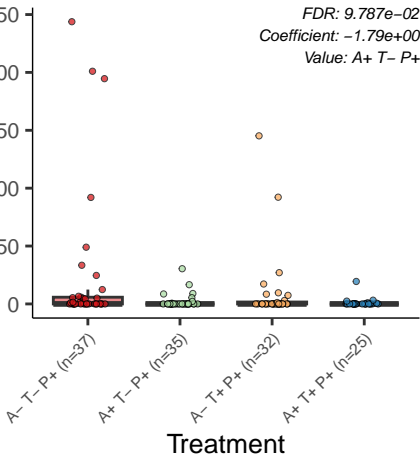
*FDR: 9.787e-02*

*Coefficient: 1.15e+00*

*Value: A- T+ P+*



Brevifollis

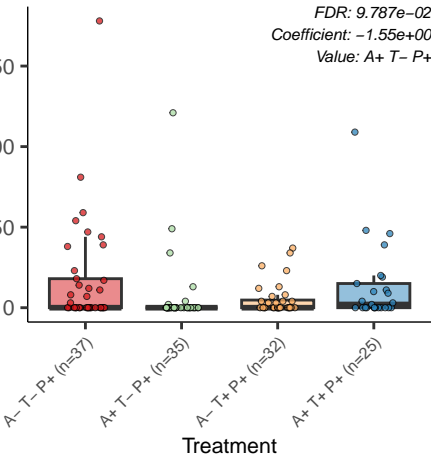


X0319.6G20\_Genus

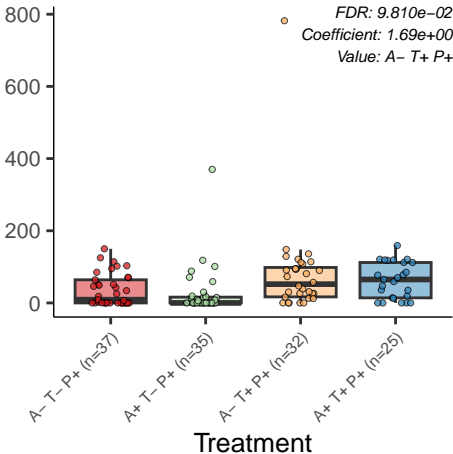
FDR:  $9.787e-02$

Coefficient:  $-1.55e+00$

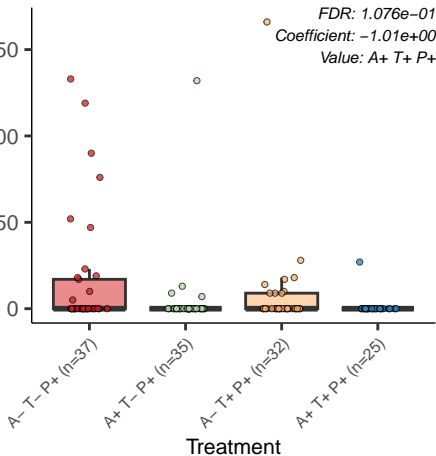
Value:  $A+ T- P+$



Dinghuibacter



Rhodopseudomonas



Cytophagales\_Genus

3000

2000

1000

0

A- T- P+ (n=37)

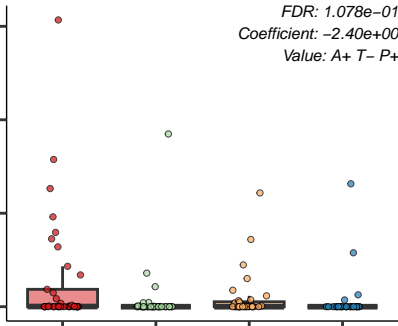
A+ T- P+ (n=35)

A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment

FDR: 1.078e-01  
Coefficient: -2.40e+00  
Value: A+ T- P+



Hyphomicrobiales\_Genus

FDR: 1.143e-01

Coefficient: -1.03e+00

Value: A+ T+ P+

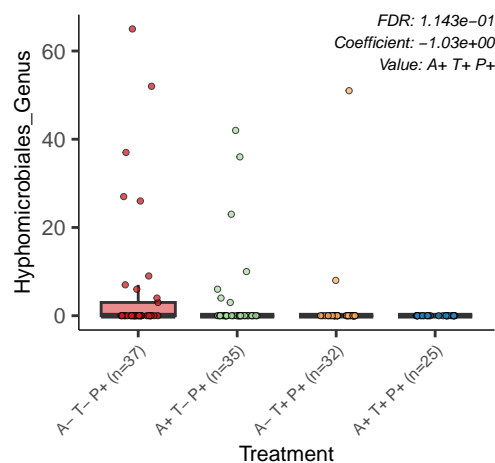
A- T- P+ (n=37)

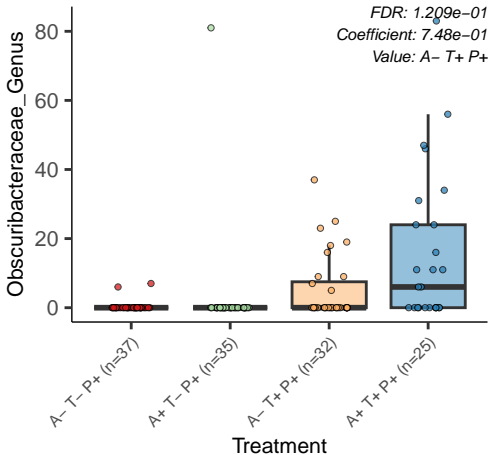
A+ T- P+ (n=35)

A- T+ P+ (n=32)

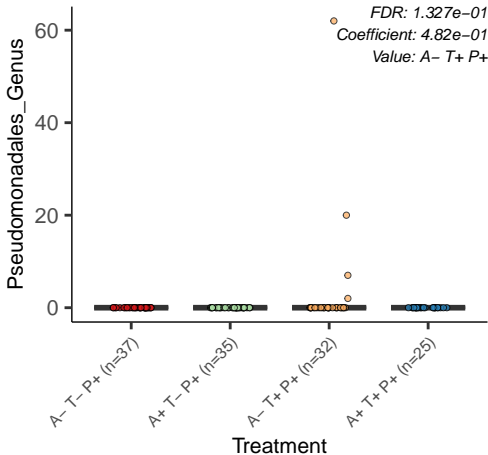
A+ T+ P+ (n=25)

Treatment



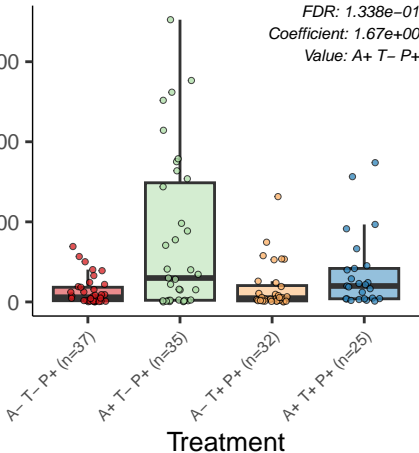




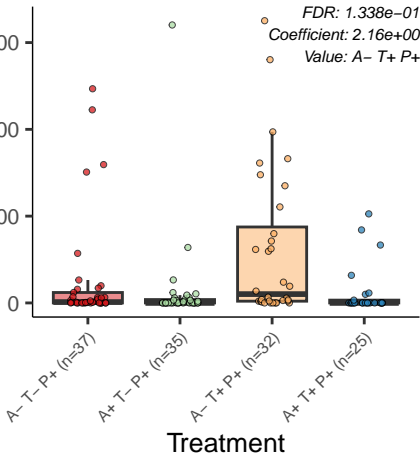


Culicoidibacter

*FDR: 1.338e-01*  
*Coefficient: 1.67e+00*  
*Value: A+ T- P+*



Vogesella



Spirosomataceae\_Genus

FDR: 1.348e-01

Coefficient: -7.65e-01

Value: A+ T+ P+

100

50

0

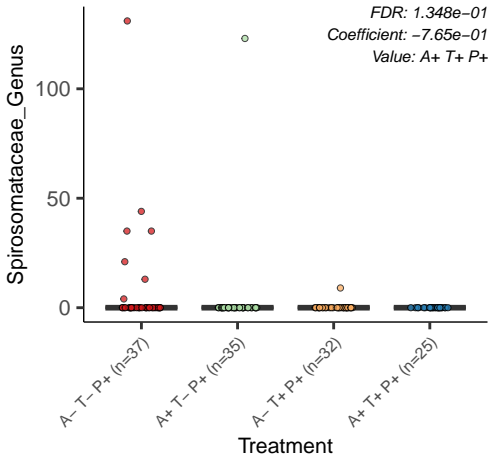
A- T- P+ (n=37)

A+ T- P+ (n=35)

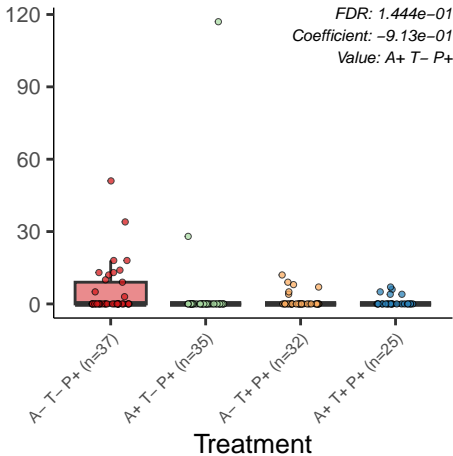
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



MBNT15\_Genus



Gemmobacter

*FDR: 1.475e-01*  
*Coefficient: 1.31e+00*  
*Value: A+ T+ P+*

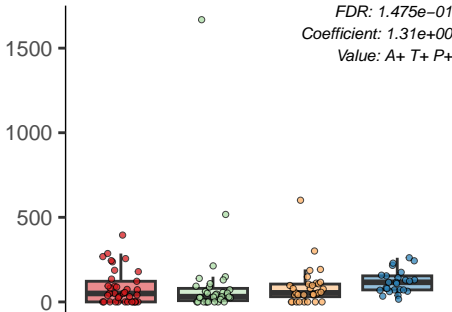
A-T-P+ (n=37)

A+T-P+ (n=35)

A-T+P+ (n=32)

A+T+P+ (n=25)

Treatment

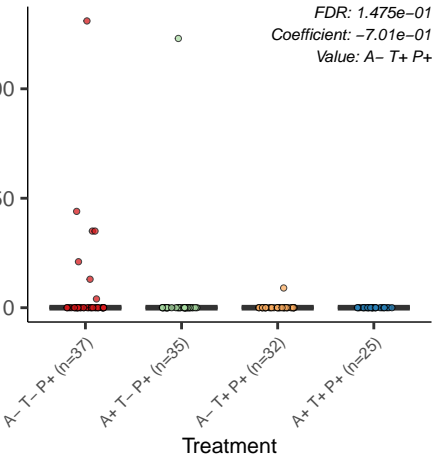




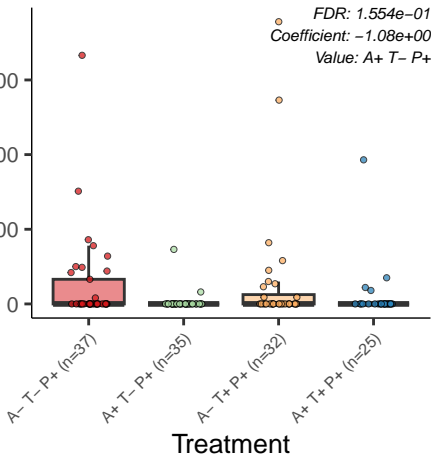
*FDR: 1.475e-01*

Coefficient:  $-7.01e-01$

Value: A- T+ P+



Azospira





Pseudoduganella

FDR:  $1.584e-01$   
Coefficient:  $-1.66e+00$   
Value:  $A+ T- P+$

20000

10000

0

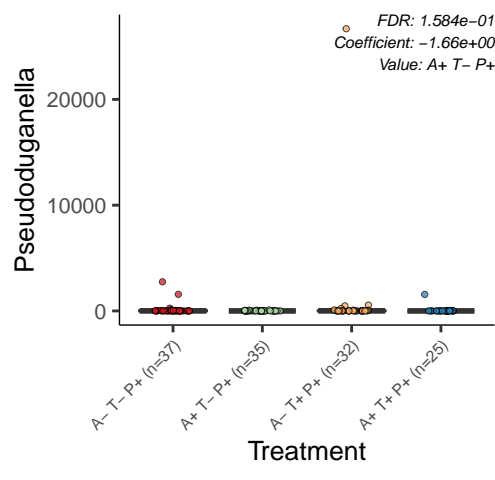
A- T- P+ (n=37)

A+ T- P+ (n=35)

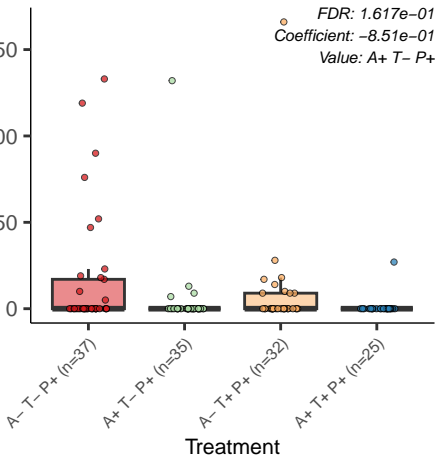
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

Treatment



Rhodopseudomonas



Fundidesulfovibrio

150

100

50

0

A- T- P+ (n=37)

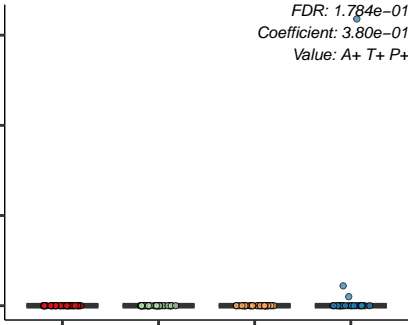
A+ T- P+ (n=35)

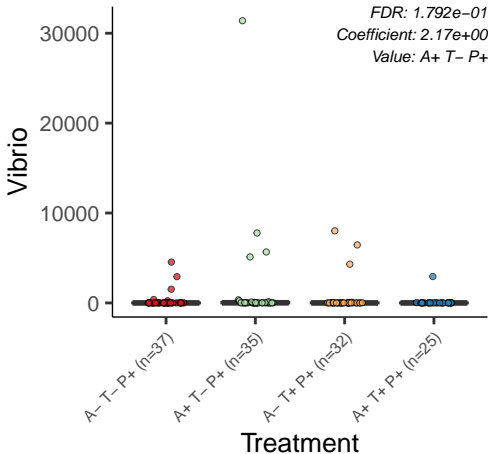
A- T+ P+ (n=32)

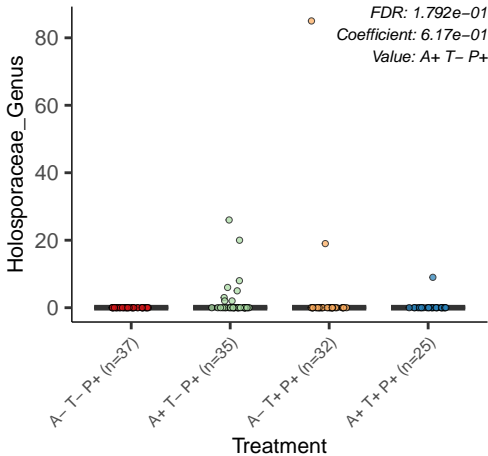
A+ T+ P+ (n=25)

Treatment

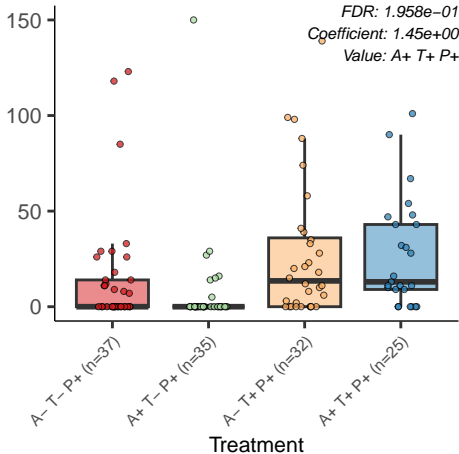
FDR: 1.784e-01  
Coefficient: 3.80e-01  
Value: A+ T+ P+

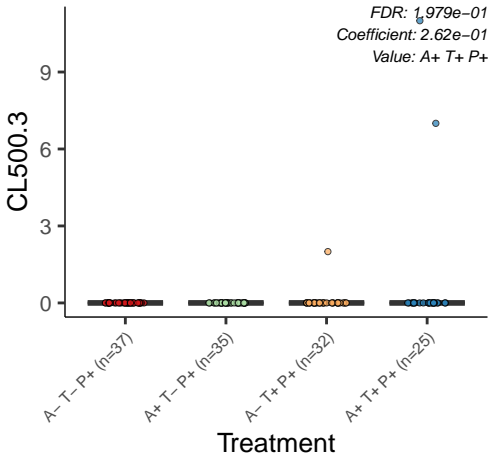


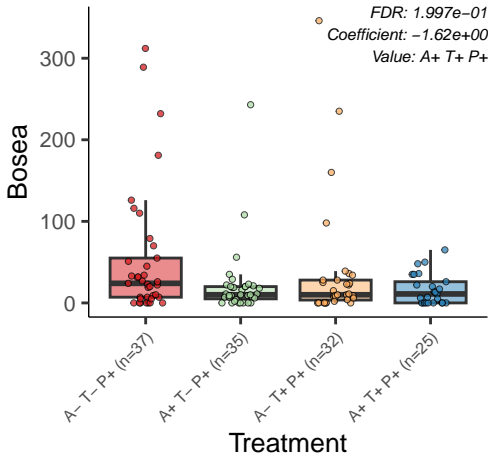




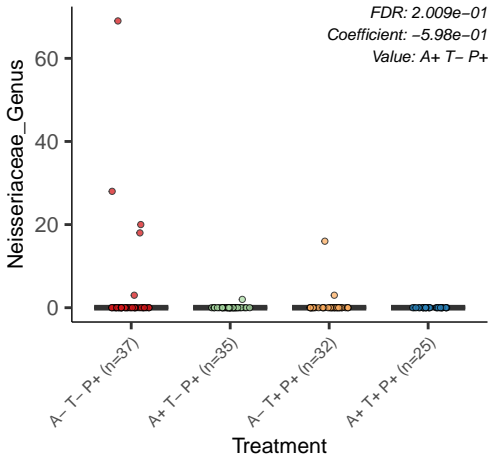
Chlamydiales\_Genus









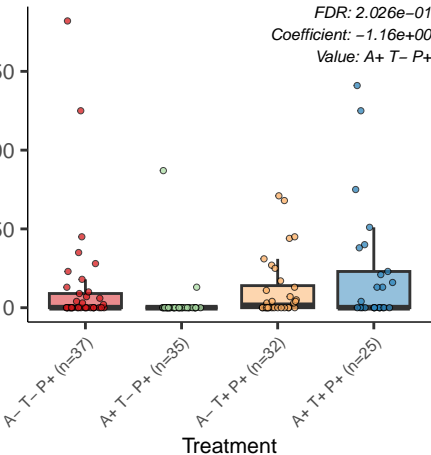


Microscillaceae\_Genus

*FDR: 2.026e-01*

*Coefficient: -1.16e+00*

*Value: A+ T- P+*

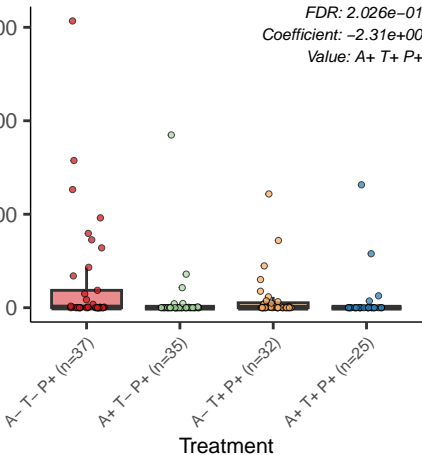


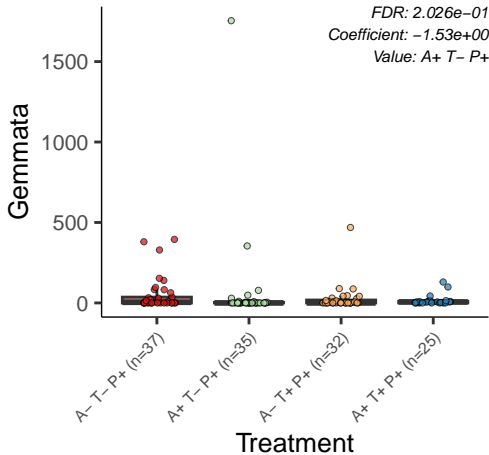
Cytophagales\_Genus

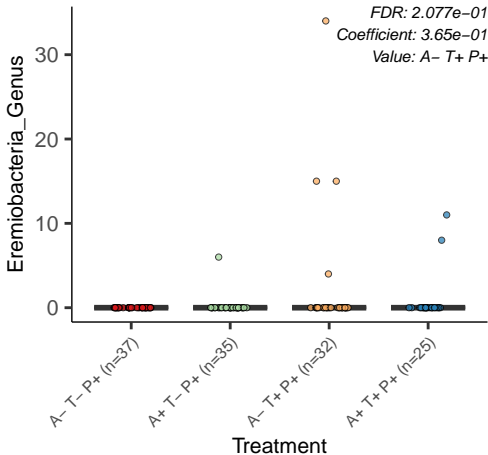
FDR: 2.026e-01

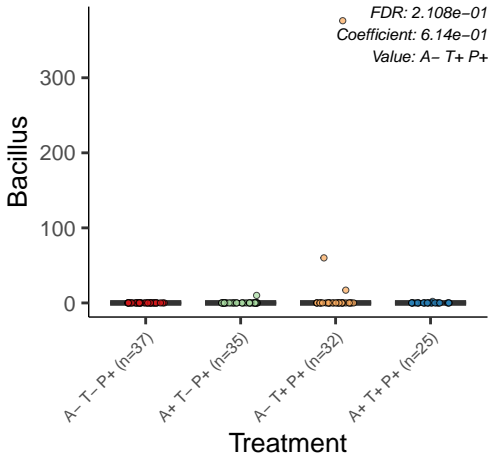
Coefficient: -2.31e+00

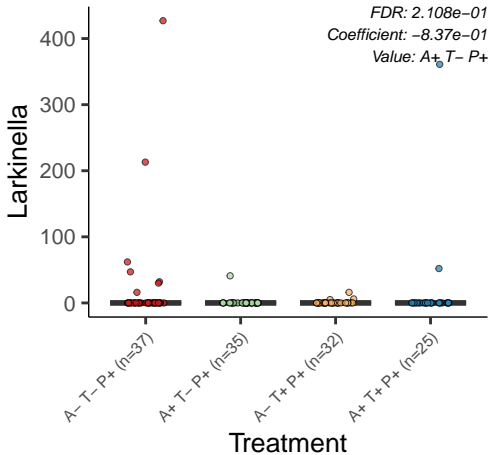
Value: A+ T+ P+









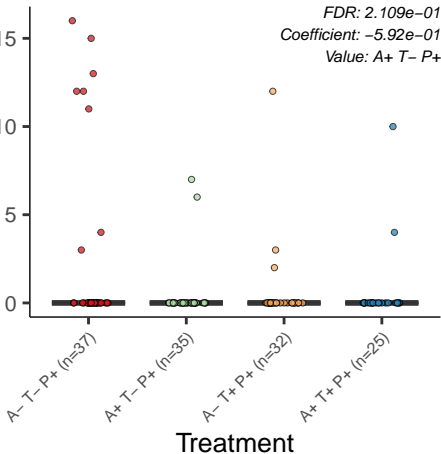




*FDR: 2.109e-01*

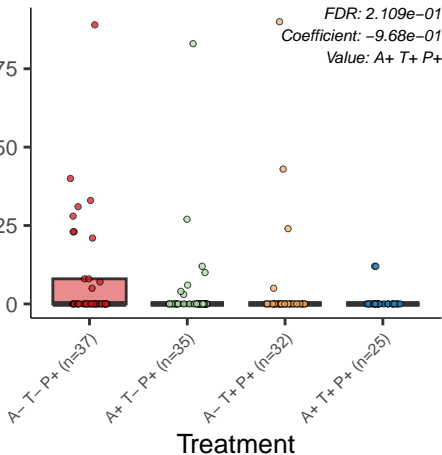
Coefficient:  $-5.92e-01$

Value: A+ T- P+





Mesorhizobium



NS9\_marine\_group\_Genus

FDR: 2.224e-01

Coefficient: -1.59e+00

Value: A+ T- P+

200

100

0

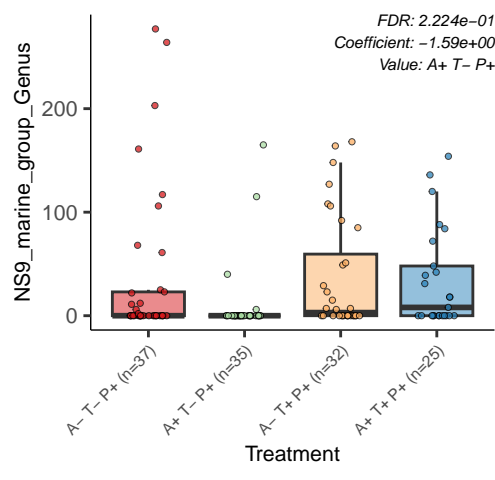
A- T- P+ (n=37)

A+ T- P+ (n=35)

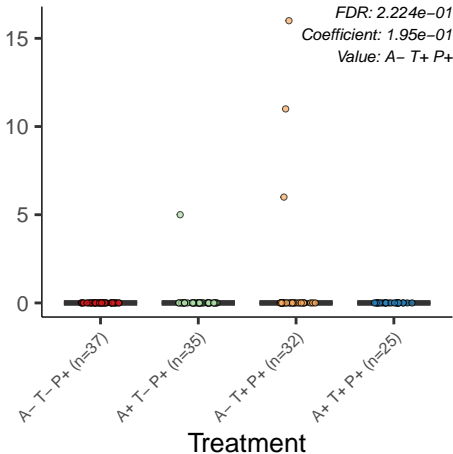
A- T+ P+ (n=32)

A+ T+ P+ (n=25)

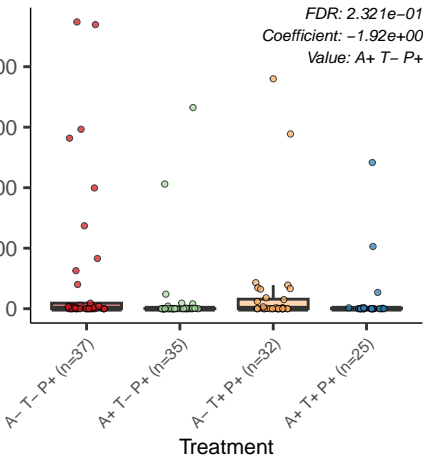
Treatment

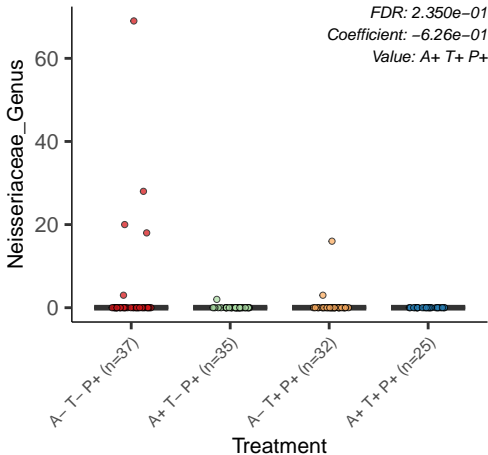


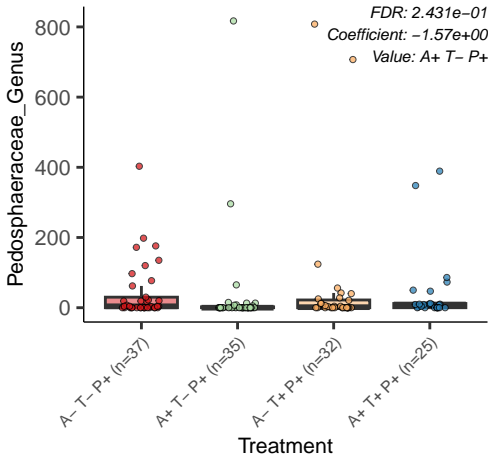
Brevitalea



Haliscomenobacter

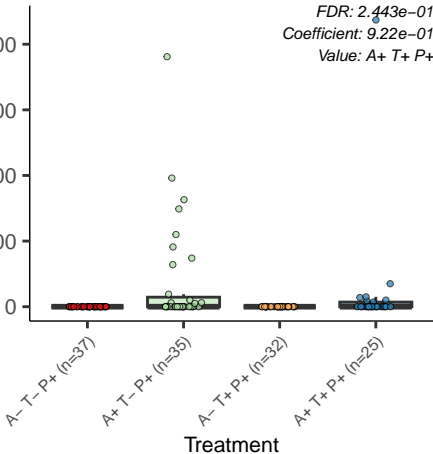




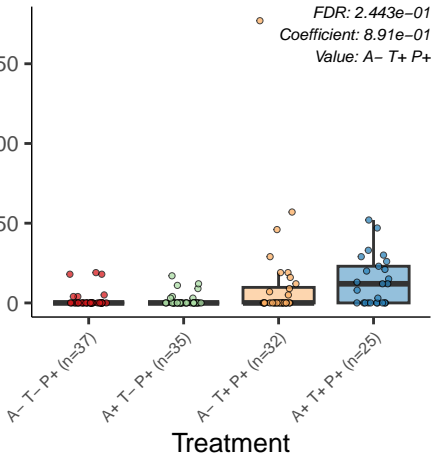


Uliginosibacterium

FDR: 2.443e-01  
Coefficient: 9.22e-01  
Value: A+ T+ P+



Chitinibacter







FDR: 2.443e-01

Coefficient:  $-6.72e-01$

Value: A+ T- P+



## Treatment