

Family.Enterobacteriaceae

FDR: 5.233e-07

Coefficient: -1.22e+00

Value: B

150000

100000

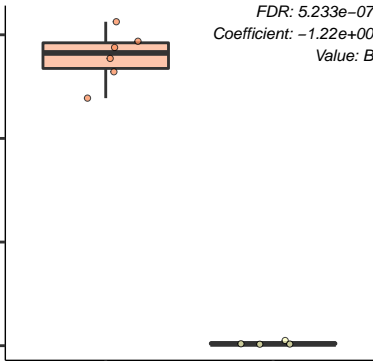
50000

0

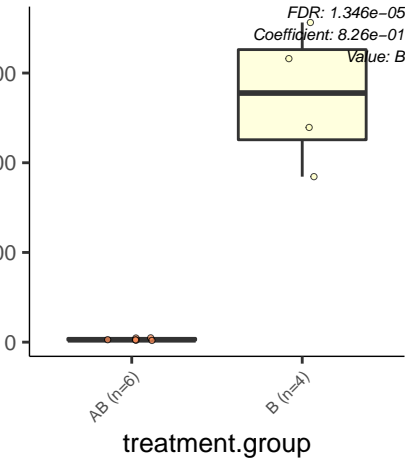
AB (n=6)

B (n=4)

treatment.group



Family.S24.7



Genus.AF12

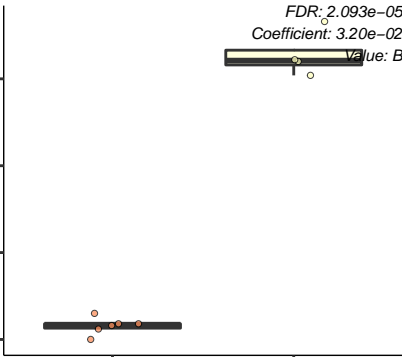
150  
100  
50  
0

AB (n=6)

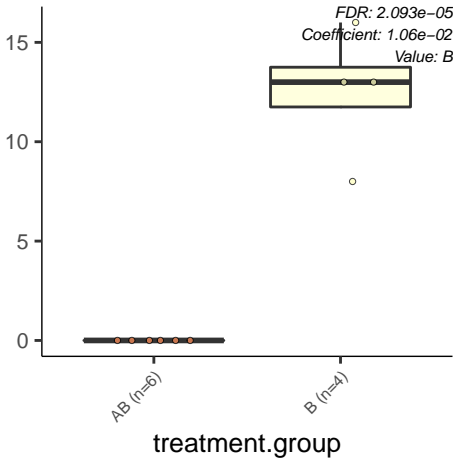
B (n=4)

treatment.group

FDR:  $2.093e-05$   
Coefficient:  $3.20e-02$   
Value: B



Genus.Rikenella



Family.Rikenellaceae

6000

4000

2000

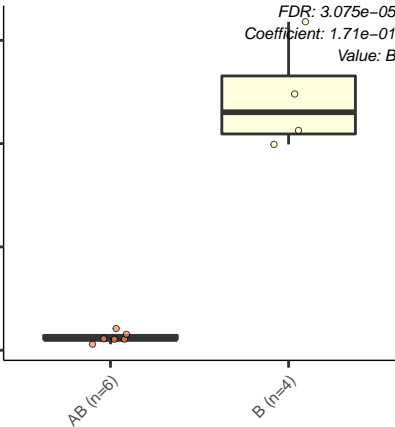
0

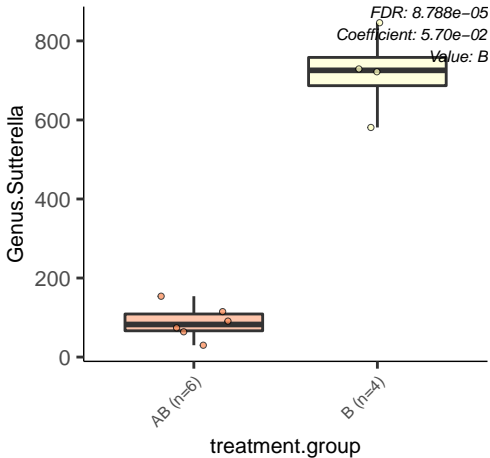
AB (n=6)

B (n=4)

treatment.group

FDR:  $3.075e-05$   
Coefficient:  $1.71e-01$   
Value: B





Genus.Coproccoccus

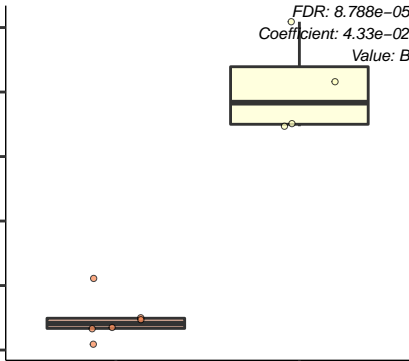
500  
400  
300  
200  
100  
0

FDR:  $8.788e-05$   
Coefficient:  $4.33e-02$   
Value: B

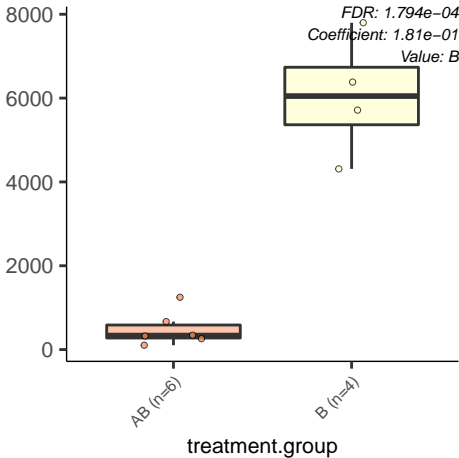
AB (n=6)

B (n=4)

treatment.group



Family.Lachnospiraceae





Genus.Prevotella

4000

3000

2000

1000

0

AB (n=6)

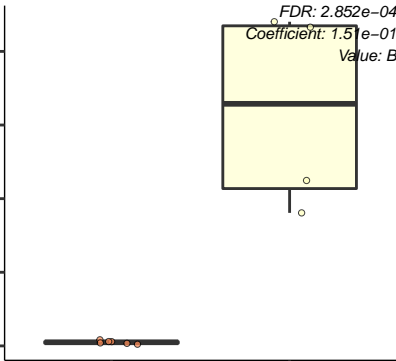
B (n=4)

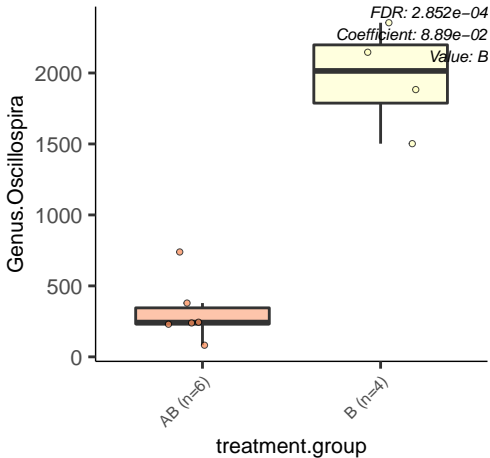
treatment.group

FDR: 2.852e-04

Coefficient: 1.51e-01

Value: B





Genus.Flavobacterium

FDR: 2.852e-04

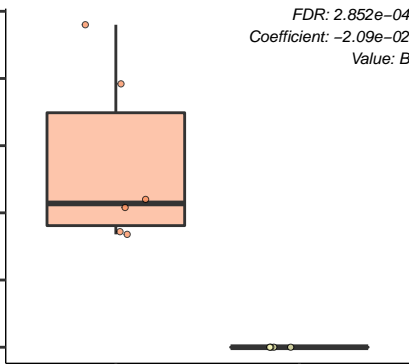
Coefficient: -2.09e-02

Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Brevundimonas

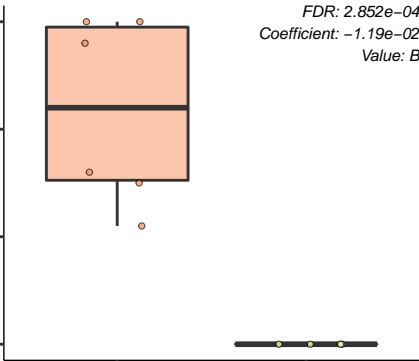
30  
20  
10  
0

*FDR: 2.852e-04*  
*Coefficient: -1.19e-02*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group



Genus.Acidaminobacter

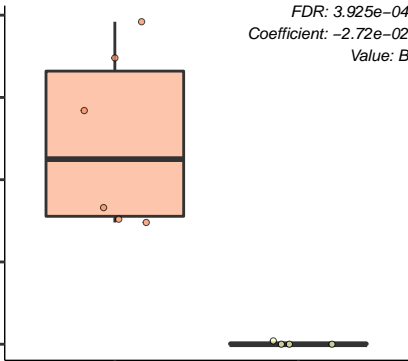
200  
150  
100  
50  
0

*FDR: 3.925e-04*  
*Coefficient: -2.72e-02*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group



Genus.Odoribacter

FDR: 4.476e-04  
Coefficient: 1.57e-01  
Value: B

4000

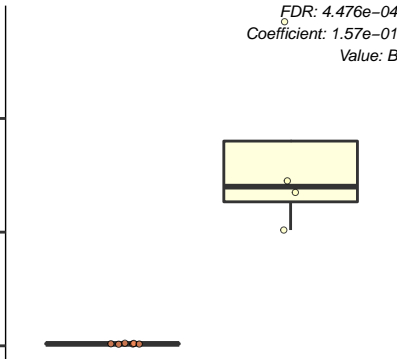
2000

0

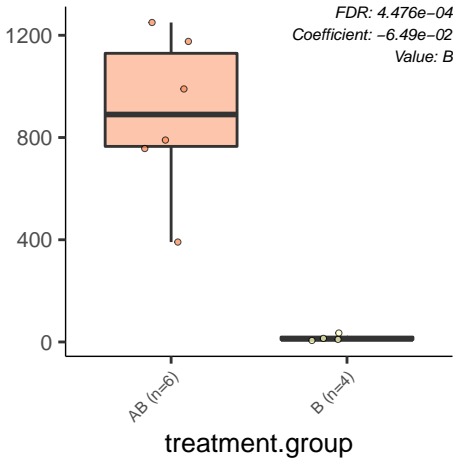
AB (n=6)

B (n=4)

treatment.group



Genus.Zoogloea



Genus.Ruminococcus

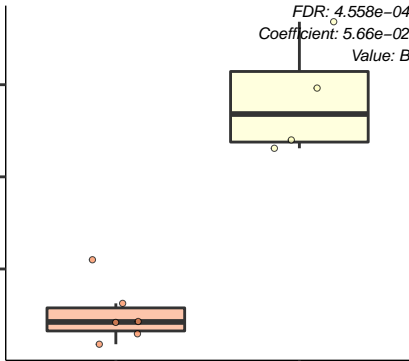
900  
600  
300

*FDR: 4.558e-04*  
*Coefficient: 5.66e-02*  
*Value: B*

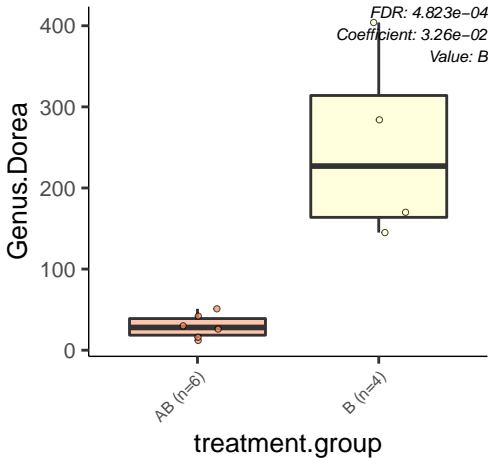
AB (n=6)

B (n=4)

treatment.group







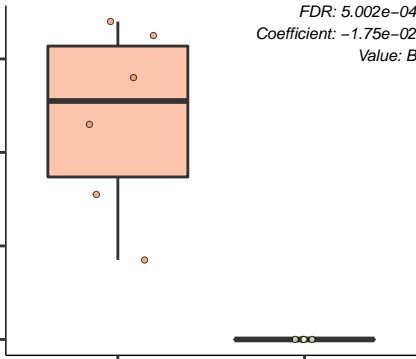
Genus.Vogesella

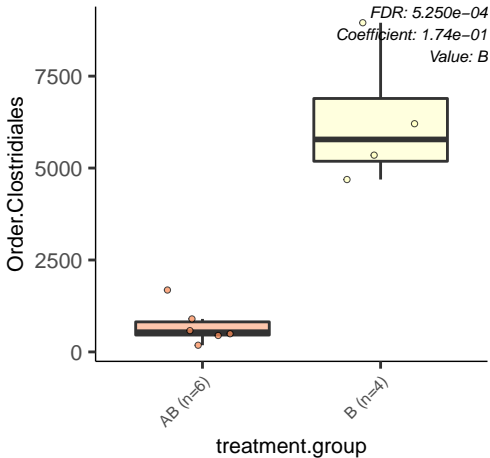
*FDR: 5.002e-04*  
*Coefficient: -1.75e-02*  
*Value: B*

AB (n=6)

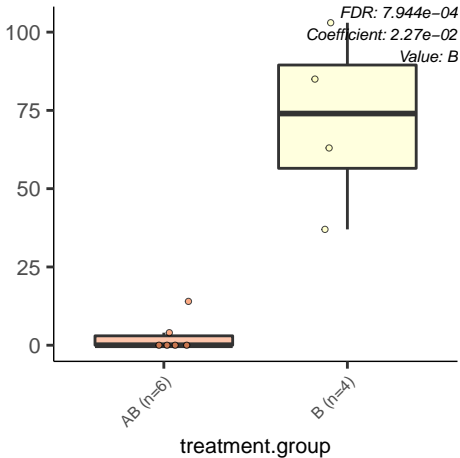
B (n=4)

treatment.group





Genus.Butyricoccus



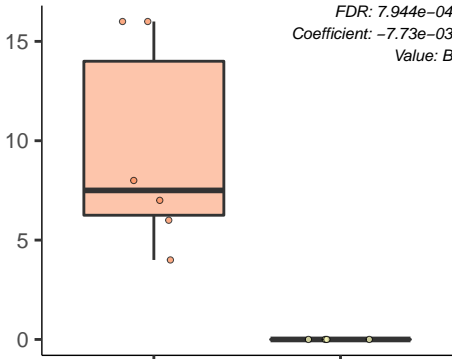
Genus.PSB.M.3

*FDR: 7.944e-04*  
*Coefficient: -7.73e-03*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group



Family.Ruminococcaceae

600

400

200

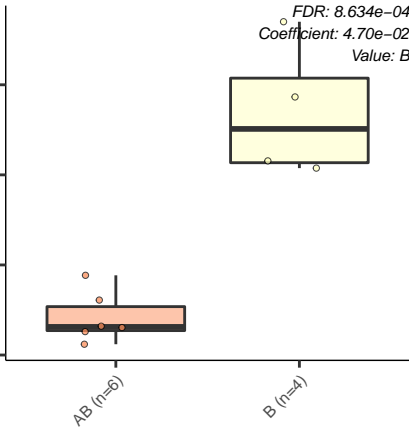
0

AB (n=6)

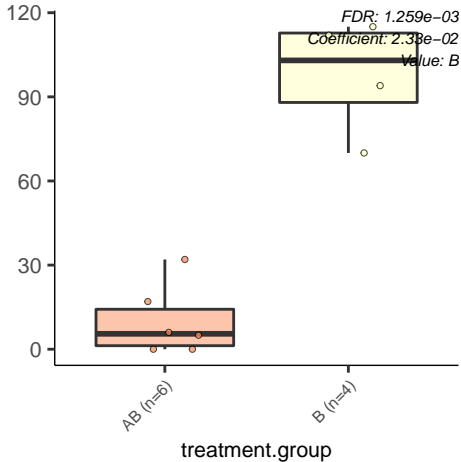
B (n=4)

treatment.group

FDR:  $8.634e-04$   
Coefficient:  $4.70e-02$   
Value: B



Genus.Adlercreutzia



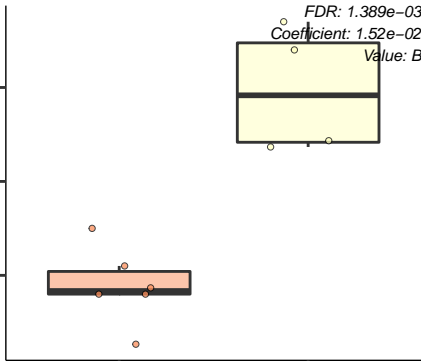
Genus.Dehalobacterium

AB (n=6)

B (n=4)

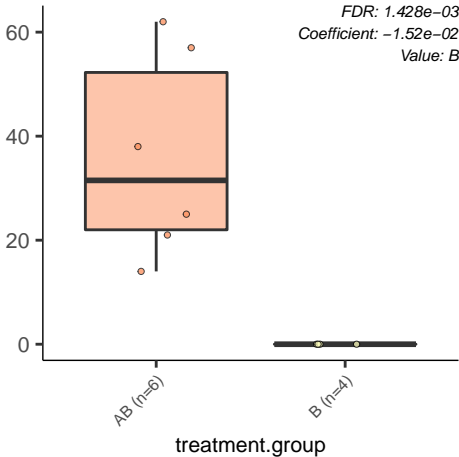
treatment.group

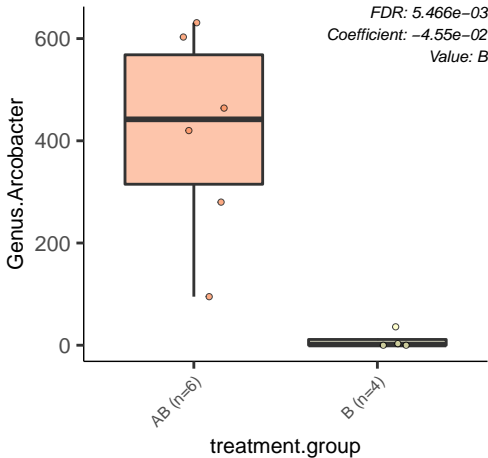
FDR: 1.389e-03  
Coefficient: 1.52e-02  
Value: B





Genus.Hydrogenophaga





Genus..Ruminococcus.

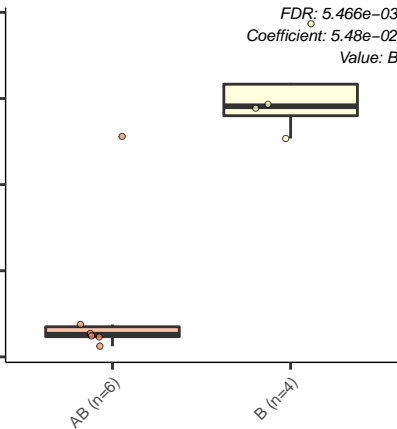
1000  
750  
500  
250  
0

*FDR: 5.466e-03*  
*Coefficient: 5.48e-02*  
*Value: B*

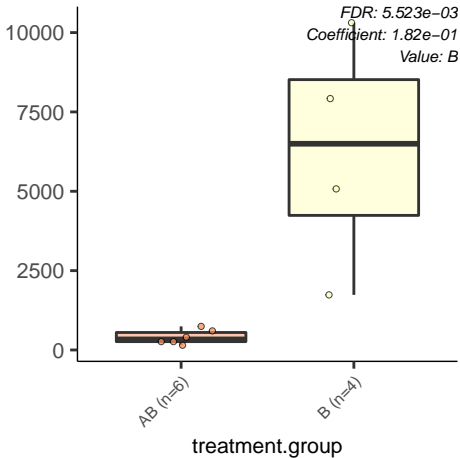
AB (n=6)

B (n=4)

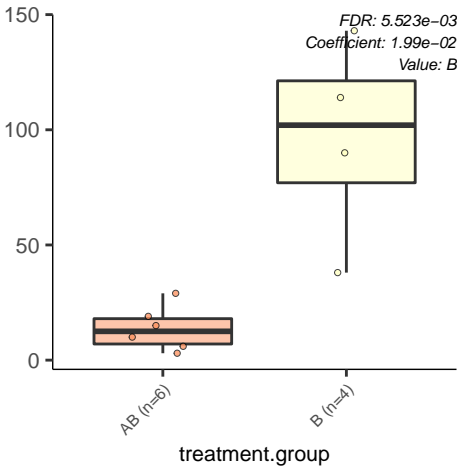
treatment.group



Genus.Lactobacillus



Genus.Anaerostipes



Genus.Clostridium

*FDR: 5.523e-03*

*Coefficient: 1.14e-02*

*Value: B*

30

20

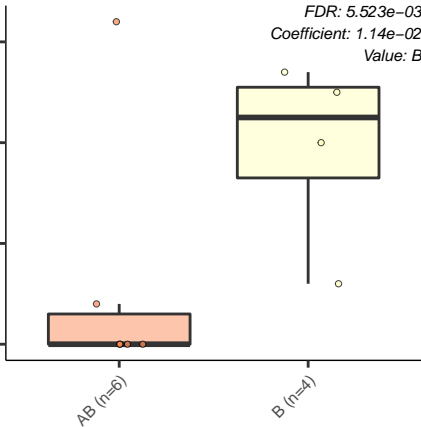
10

0

AB (n=6)

B (n=4)

treatment.group



Genus.Wautersiella

FDR: 5.523e-03

Coefficient: -1.01e-02

Value: B

AB (n=6)

B (n=4)

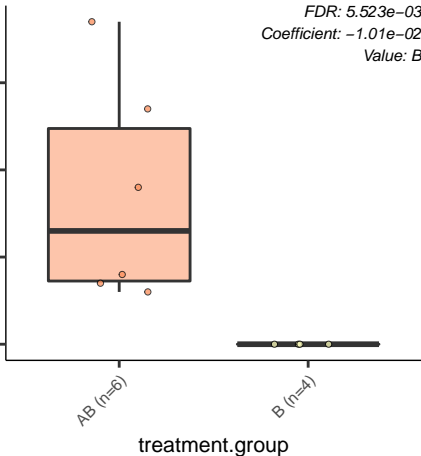
treatment.group

30

20

10

0



Genus.Acinetobacter

*FDR: 5.938e-03*

*Coefficient: -6.57e-02*

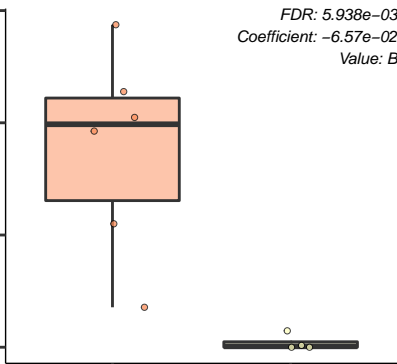
*Value: B*

1500  
1000  
500  
0

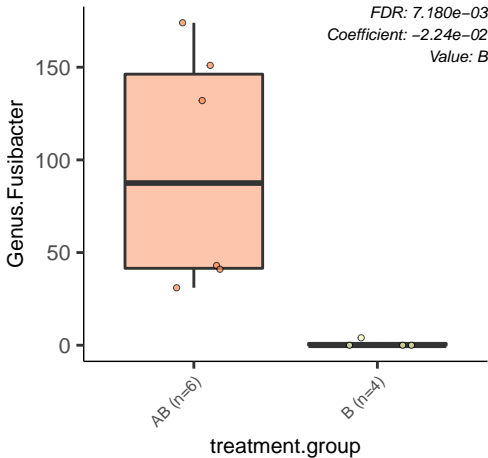
AB (n=6)

B (n=4)

treatment.group







Family.Erysipelotrichaceae

20

10

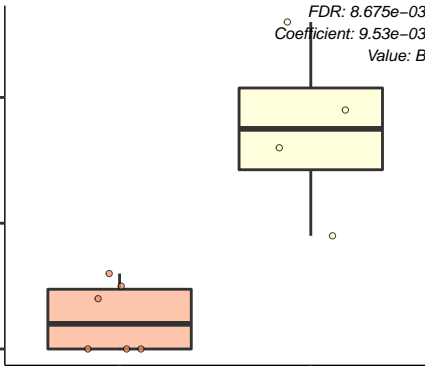
0

AB (n=6)

B (n=4)

treatment.group

*FDR: 8.675e-03*  
*Coefficient: 9.53e-03*  
*Value: B*



Genus.Allobaculum

*FDR: 9.293e-03*  
*Coefficient: 3.62e-02*  
*Value: B*

600

400

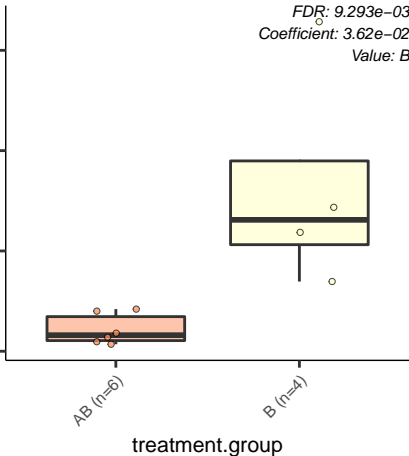
200

0

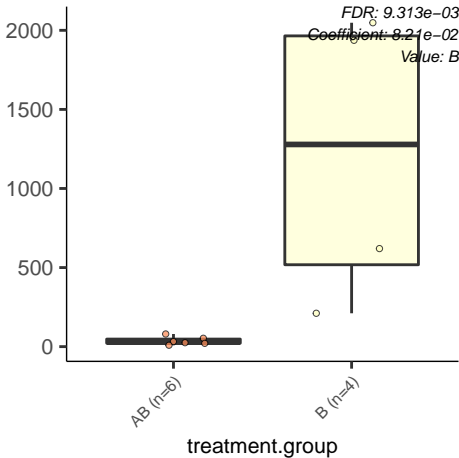
AB (n=6)

B (n=4)

treatment.group



Genus.Akkermansia



Genus.Rheinheimera

*FDR: 9.313e-03*  
*Coefficient: -2.39e-02*  
*Value: B*

200

150

100

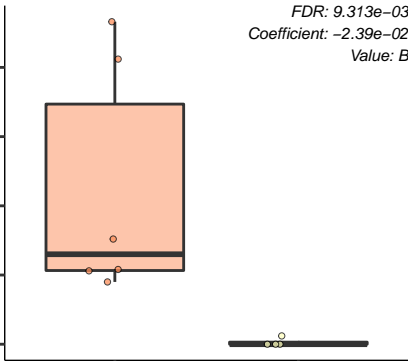
50

0

AB (n=6)

B (n=4)

treatment.group



Genus.Anaeroplasm

100

50

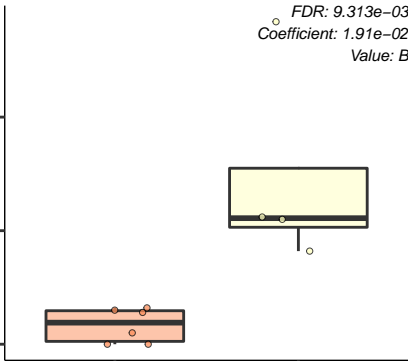
0

AB (n=6)

B (n=4)

treatment.group

*FDR: 9.313e-03*  
*Coefficient: 1.91e-02*  
*Value: B*



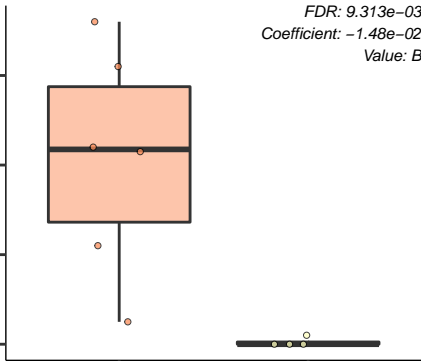
Family.Bacterioviraceae

FDR:  $9.313e-03$   
Coefficient:  $-1.48e-02$   
Value: B

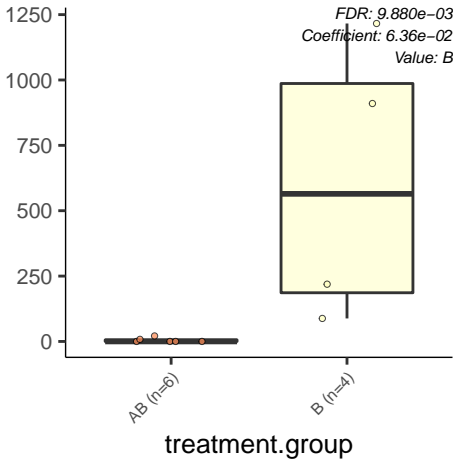
AB (n=6)

B (n=4)

treatment.group



Family.F16





Genus.Candidatus.Arthromitus

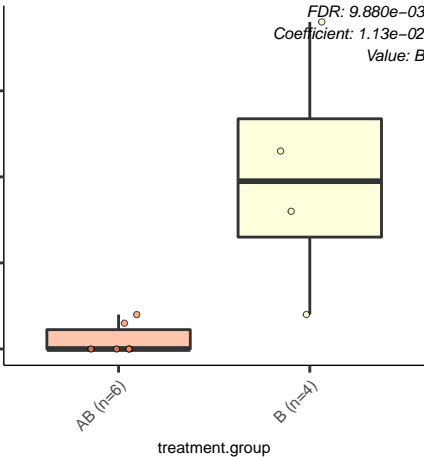
FDR:  $9.880e-03$   
Coefficient:  $1.13e-02$   
Value: B

30  
20  
10  
0

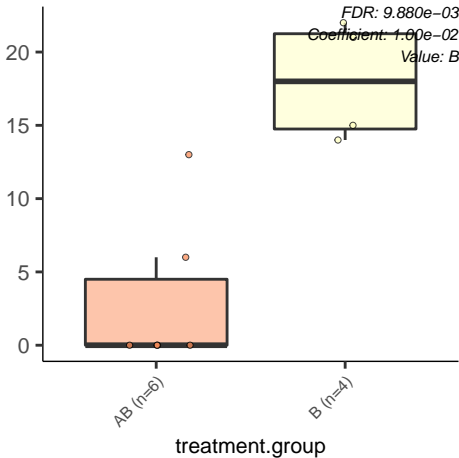
AB (n=6)

B (n=4)

treatment.group



Family.Peptococcaceae



Genus.Desulfovibrio

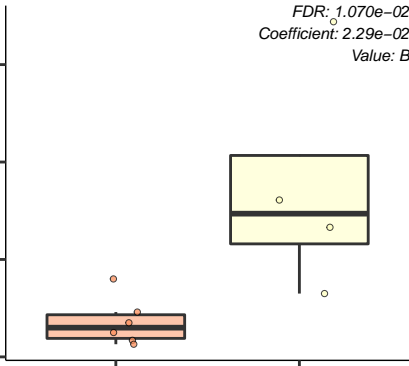
*FDR: 1.070e-02*  
*Coefficient: 2.29e-02*  
*Value: B*

300  
200  
100  
0

AB (n=6)

B (n=4)

treatment.group



Order.RF32

150

100

50

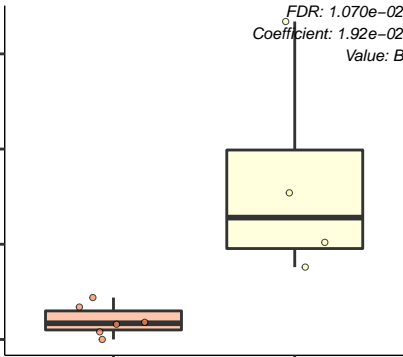
0

AB (n=6)

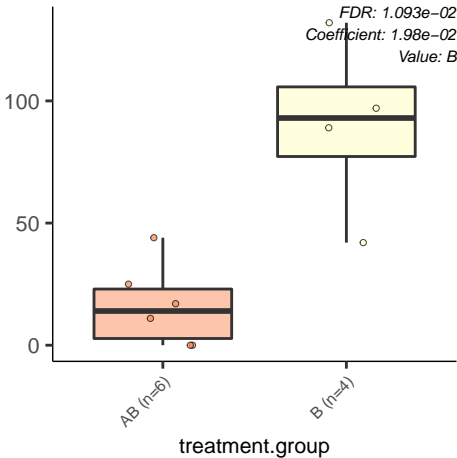
B (n=4)

treatment.group

FDR: 1.070e-02  
Coefficient: 1.92e-02  
Value: B



Family..Mogibacteriaceae.



Family.Methylophilaceae

FDR:  $2.054e-02$

Coefficient:  $-6.30e-03$

Value: B

10

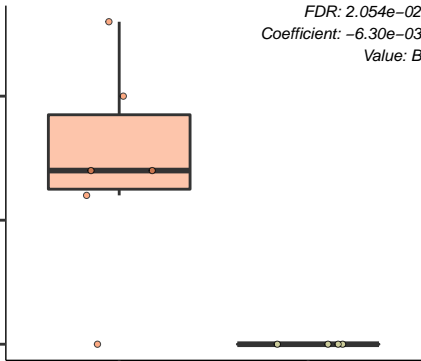
5

0

AB (n=6)

B (n=4)

treatment.group



Genus.Leuconostoc

6

4

2

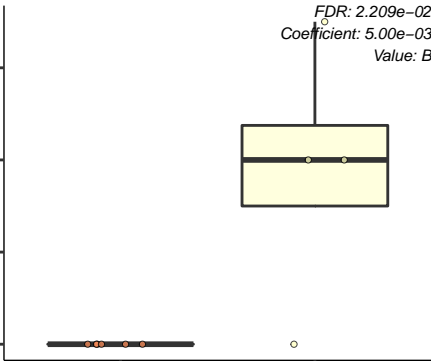
0

AB (n=6)

B (n=4)

treatment.group

FDR: 2.209e-02  
Coefficient: 5.00e-03  
Value: B



Genus.Porphyromonas

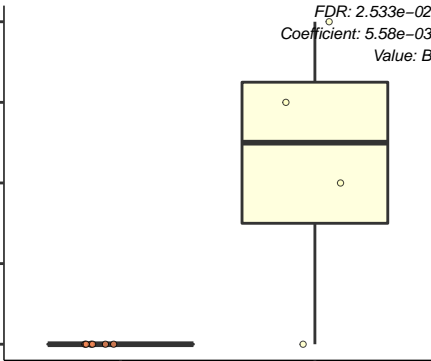
8  
6  
4  
2  
0

AB (n=6)

B (n=4)

treatment.group

FDR: 2.533e-02  
Coefficient: 5.58e-03  
Value: B





Family.Comamonadaceae

FDR: 2.669e-02

Coefficient: -2.68e-02

Value: B

600

400

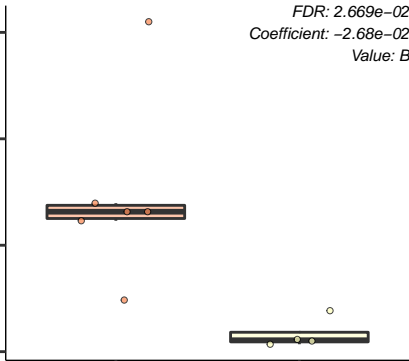
200

0

AB (n=6)

B (n=4)

treatment.group



Genus.Sphingobacterium

FDR: 2.993e-02

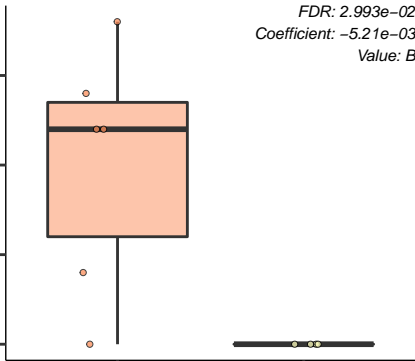
Coefficient: -5.21e-03

Value: B

AB (n=6)

B (n=4)

treatment.group



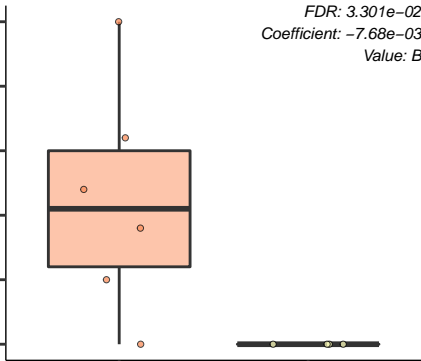
Genus.Chryseobacterium

FDR:  $3.301e-02$   
Coefficient:  $-7.68e-03$   
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Fluiuicola

FDR:  $3.463e-02$

Coefficient:  $-6.06e-03$

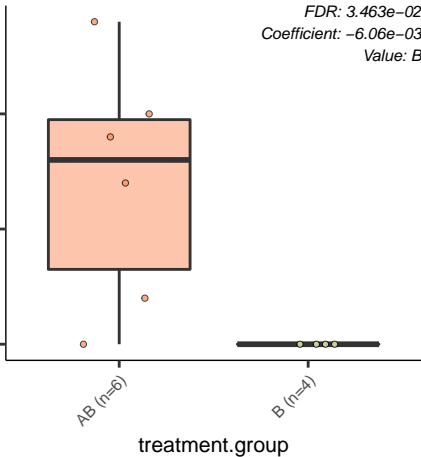
Value: B

10  
5  
0

AB (n=6)

B (n=4)

treatment.group



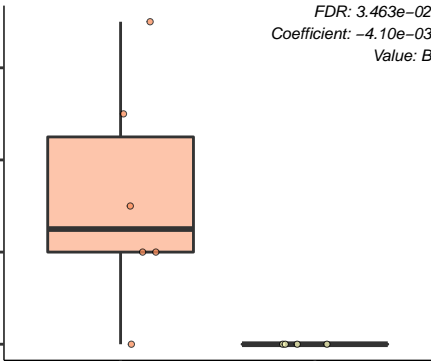
Genus.Proteocatella

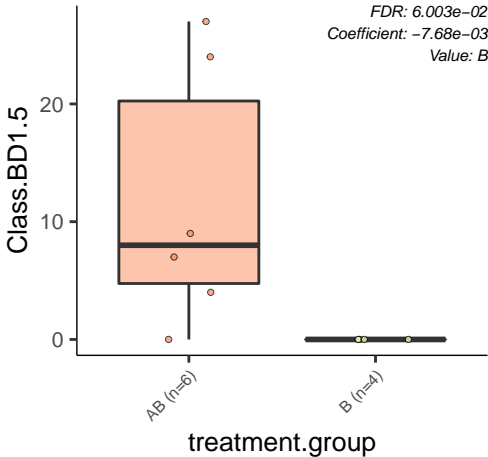
*FDR: 3.463e-02*  
*Coefficient: -4.10e-03*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group





Genus.Megamonas

10

5

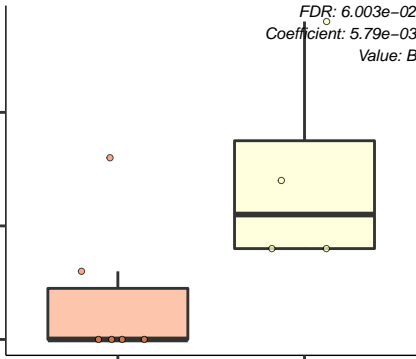
0

AB (n=6)

B (n=4)

treatment.group

FDR:  $6.003e-02$   
Coefficient:  $5.79e-03$   
Value: B



Genus.Clostridium

*FDR: 8.359e-02*  
*Coefficient: 9.38e-03*  
*Value: B*

30

20

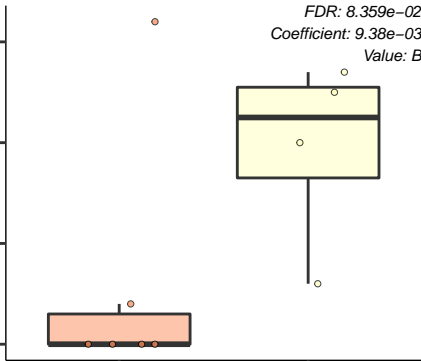
10

0

AB (n=6)

B (n=4)

treatment.group





Genus.Roseburia

100

50

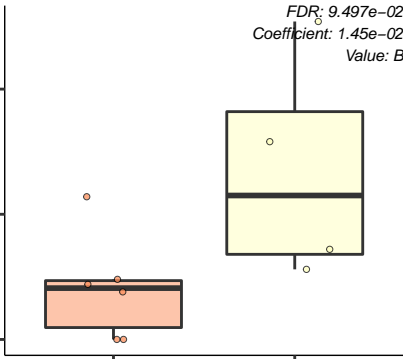
0

AB (n=6)

B (n=4)

treatment.group

FDR:  $9.497e-02$   
Coefficient:  $1.45e-02$   
Value: B



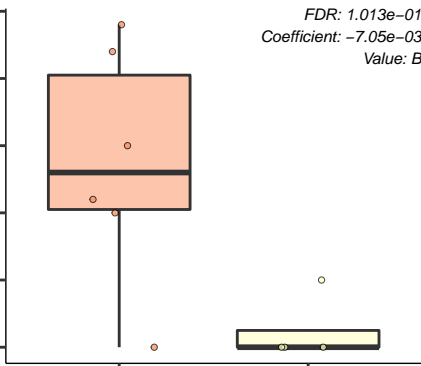
Genus.Marinobacter

FDR: 1.013e-01  
Coefficient: -7.05e-03  
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus:Granulicatella

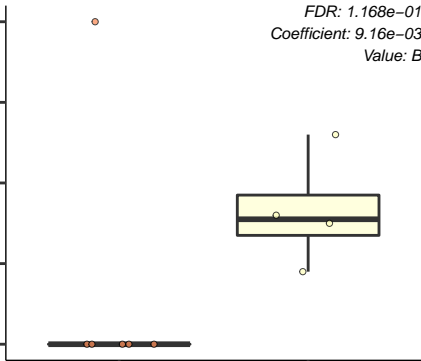
40  
30  
20  
10  
0

*FDR: 1.168e-01*  
*Coefficient: 9.16e-03*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group



Genus.Rhodobacter

FDR: 1.209e-01

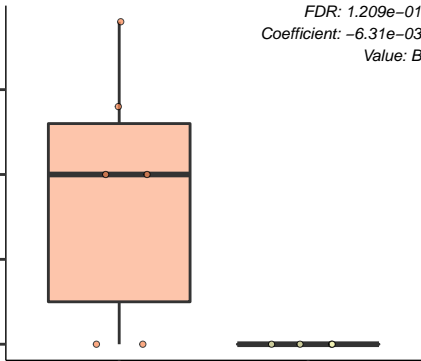
Coefficient: -6.31e-03

Value: B

AB (n=6)

B (n=4)

treatment.group



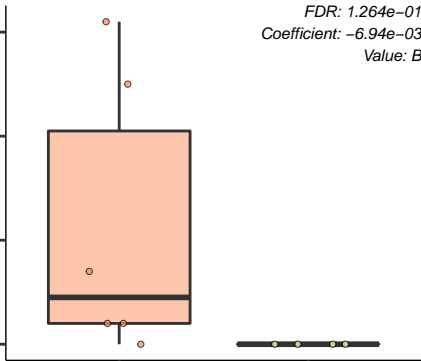
Genus.Paludibacter

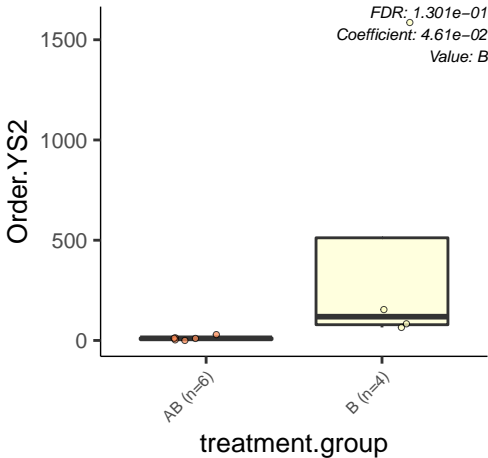
FDR: 1.264e-01  
Coefficient: -6.94e-03  
Value: B

AB (n=6)

B (n=4)

treatment.group





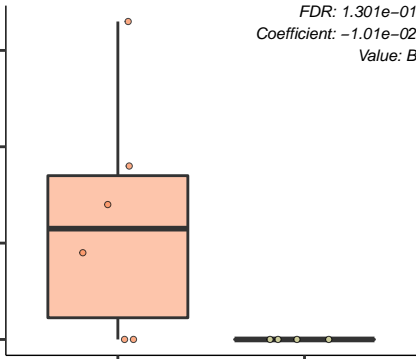
Genus.Cytophaga

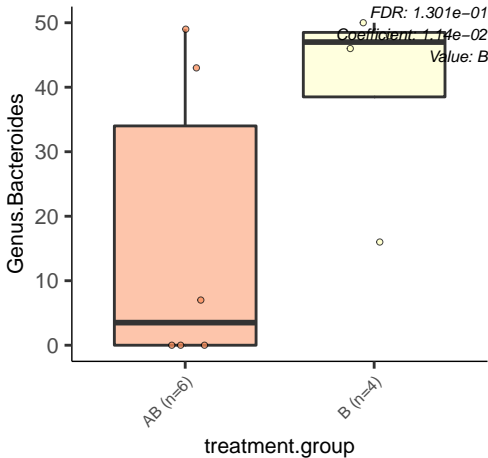
*FDR: 1.301e-01*  
*Coefficient: -1.01e-02*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group







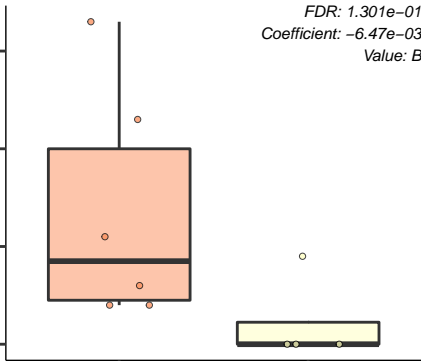
Genus.Cloacibacterium

FDR: 1.301e-01  
Coefficient: -6.47e-03  
Value: B

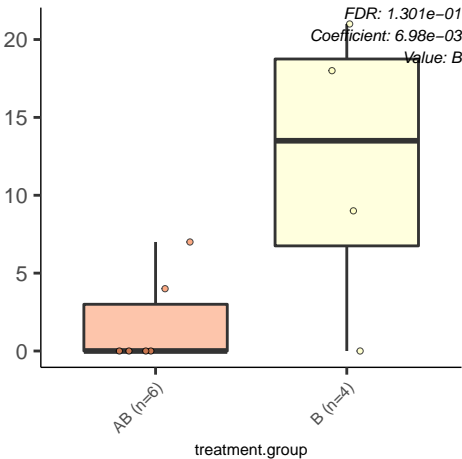
AB (n=6)

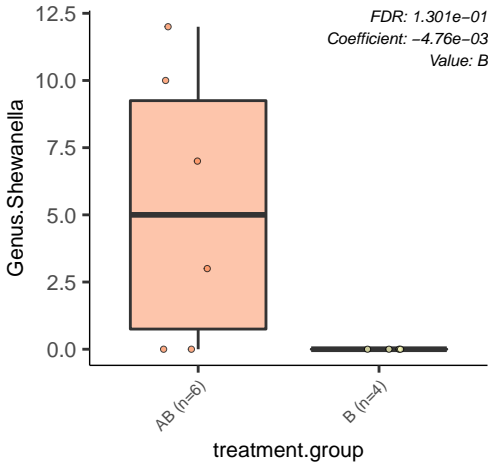
B (n=4)

treatment.group



Family.Christensenellaceae





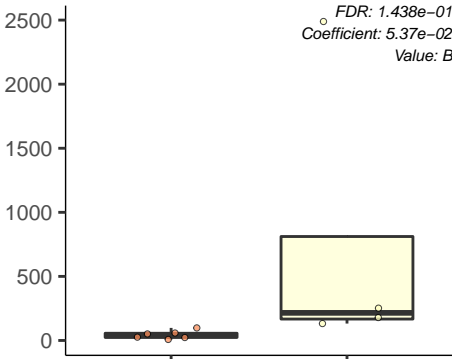
Order.RF39

FDR: 1.438e-01  
Coefficient: 5.37e-02  
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Megasphaera

FDR: 1.520e-01  
Coefficient: 5.09e-03  
Value: B

10

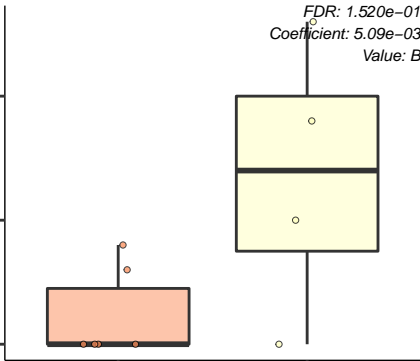
5

0

AB (n=6)

B (n=4)

treatment.group



Genus.Achromobacter

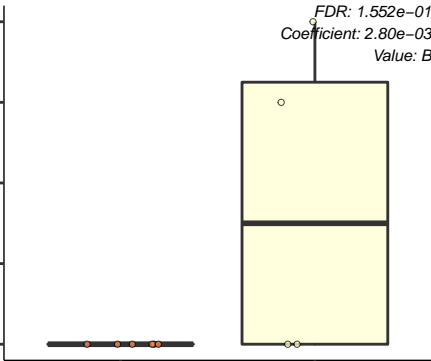
4  
3  
2  
1  
0

FDR: 1.552e-01  
Coefficient: 2.80e-03  
Value: B

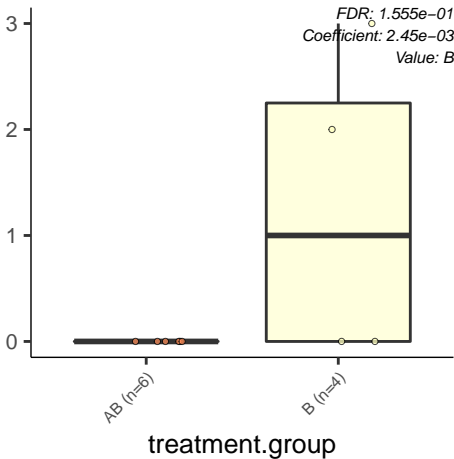
AB (n=6)

B (n=4)

treatment.group



Family.koll13



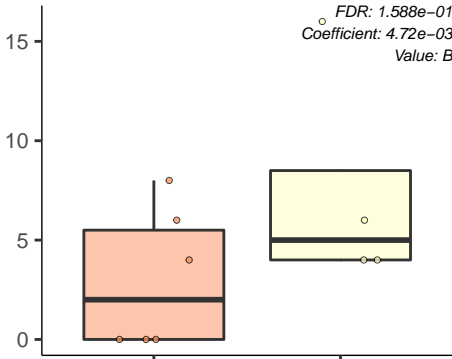
Genus.Bulleidia

*FDR: 1.588e-01*  
*Coefficient: 4.72e-03*  
*Value: B*

AB (n=6)

B (n=4)

treatment.group





Family.Lactobacillaceae

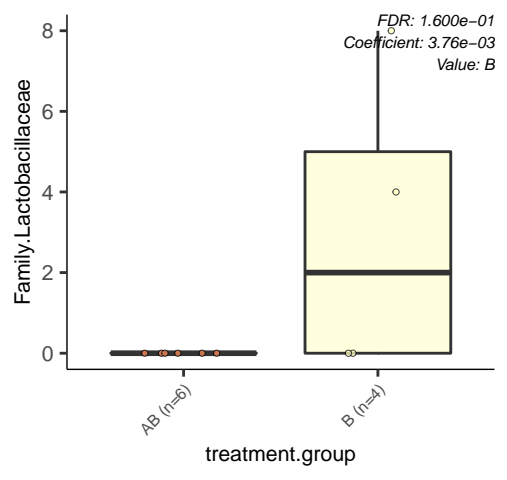
8  
6  
4  
2  
0

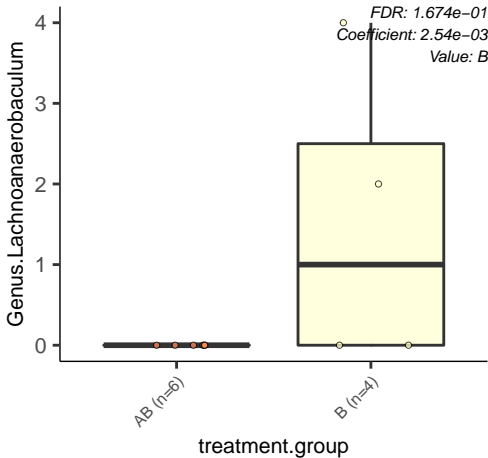
AB (n=6)

B (n=4)

treatment.group

FDR: 1.600e-01  
Coefficient: 3.76e-03  
Value: B





Genus.Coprobacillus

