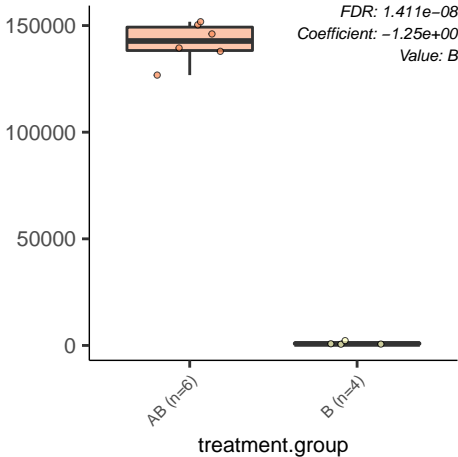


Family. Enterobacteriaceae



Family.S24.7

60000

40000

20000

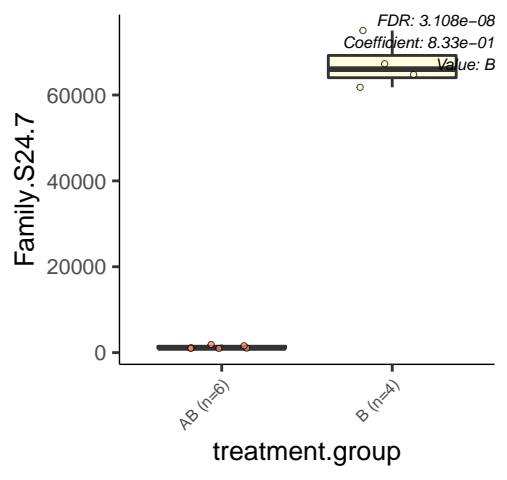
0

AB (n=6)

B (n=4)

treatment.group

FDR: $3.108e-08$
Coefficient: $8.33e-01$
Value: B



Genus.AF12

150

100

50

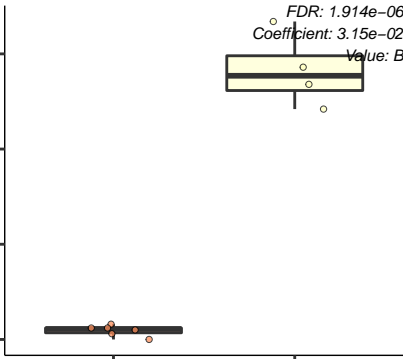
0

AB (n=6)

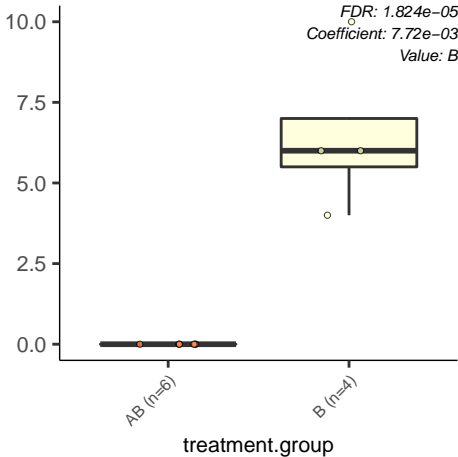
B (n=4)

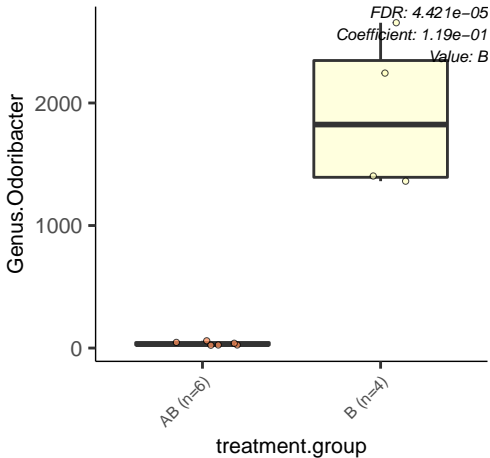
treatment.group

FDR: 1.914e-06
Coefficient: 3.15e-02
Value: B

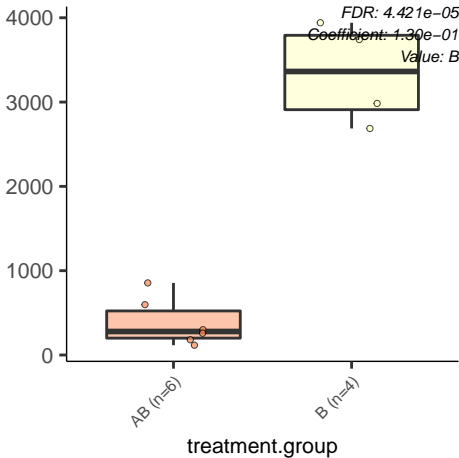


Family.Peptococcaceae





Family.Lachnospiraceae



Genus.Anaerostipes

FDR: 4.890e-05
Coefficient: 1.32e-02
Value: B

30

20

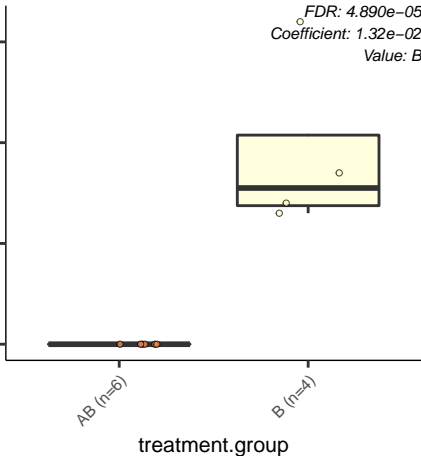
10

0

AB (n=6)

B (n=4)

treatment.group



Family.Rikenellaceae

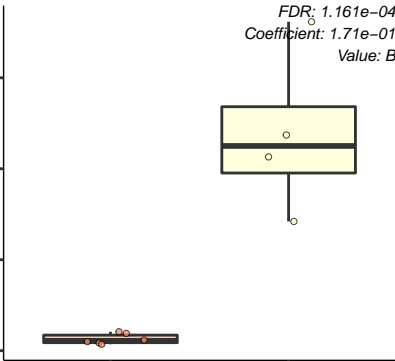
6000
4000
2000
0

AB (n=6)

B (n=4)

treatment.group

FDR: 1.161e-04
Coefficient: 1.71e-01
Value: B



Genus.Hydrogenophaga

FDR: 1.161e-04

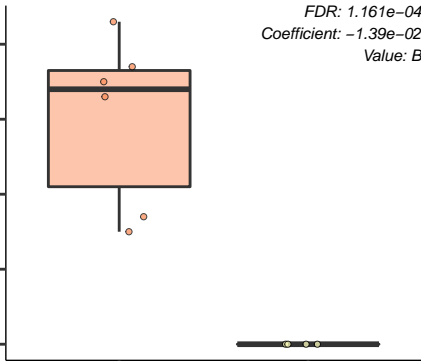
Coefficient: -1.39e-02

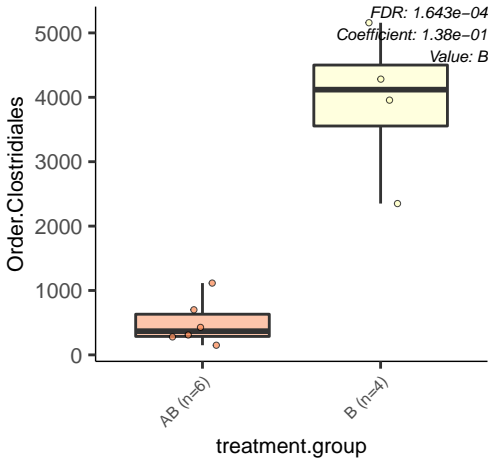
Value: B

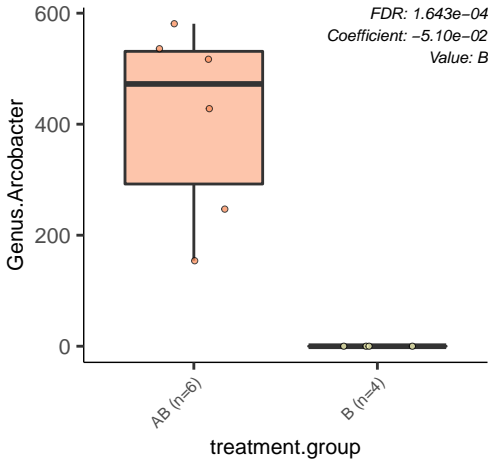
AB (n=6)

B (n=4)

treatment.group







Genus.Oscillospira

1000

500

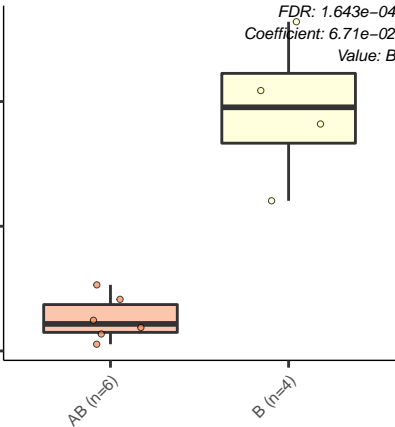
0

AB (n=6)

B (n=4)

treatment.group

FDR: 1.643e-04
Coefficient: 6.71e-02
Value: B



Genus.Dorea

100

50

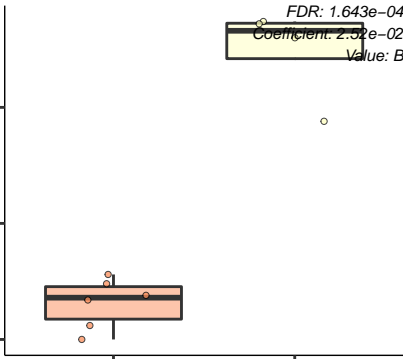
0

AB (n=6)

B (n=4)

treatment.group

FDR: 1.643×10^{-4}
Coefficient: 2.52×10^{-2}
Value: B



Family.Ruminococcaceae

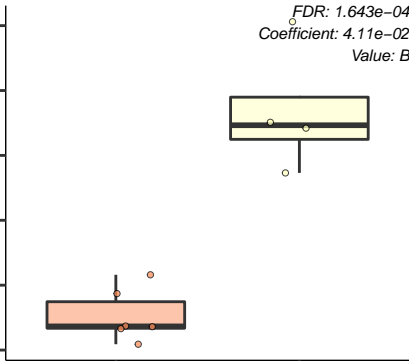
FDR: 1.643e-04
Coefficient: 4.11e-02
Value: B

500
400
300
200
100
0

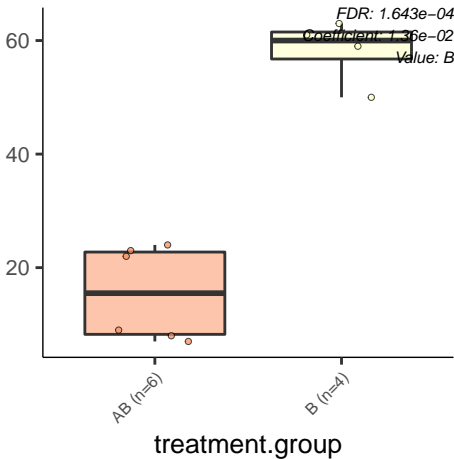
AB (n=6)

B (n=4)

treatment.group



Order.RF32



Genus.Flavobacterium

FDR: 1.643e-04

Coefficient: -2.22e-02

Value: B

100

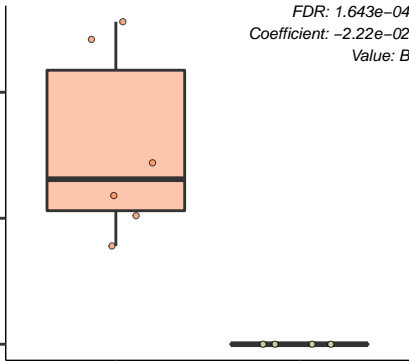
50

0

AB (n=6)

B (n=4)

treatment.group



Genus.Zoogloea

1000

500

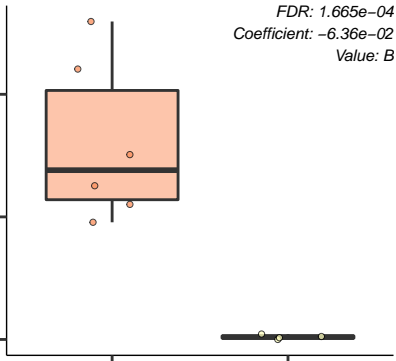
0

AB (n=6)

B (n=4)

treatment.group

FDR: 1.665e-04
Coefficient: -6.36e-02
Value: B



Genus.Sutterella

FDR: 1.849e-04

Coefficient: 7.94e-02

Value: B

1500

1000

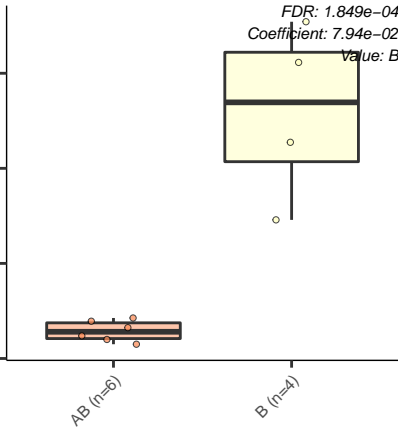
500

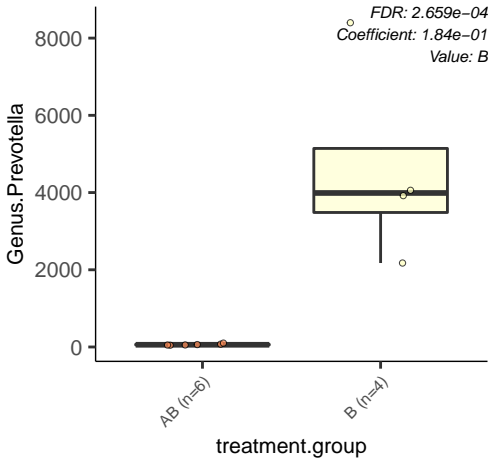
0

AB (n=6)

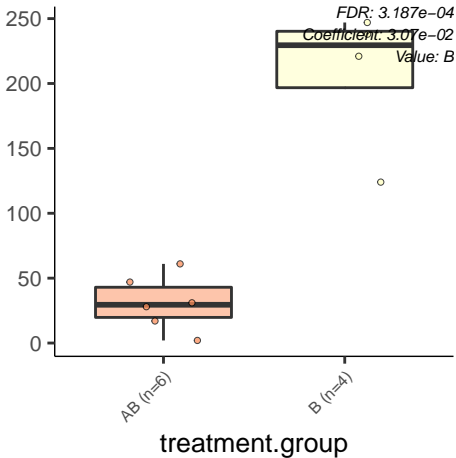
B (n=4)

treatment.group





Order.RF39



Genus.Acidaminobacter

FDR: 3.187e-04

Coefficient: -2.40e-02

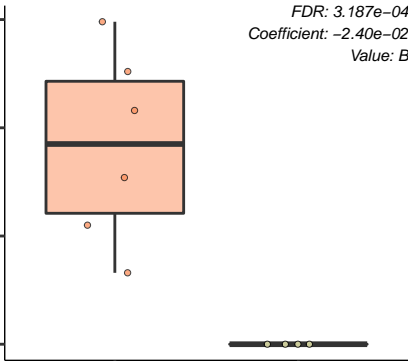
Value: B

150
100
50
0

AB (n=6)

B (n=4)

treatment.group



Genus.Rikenella

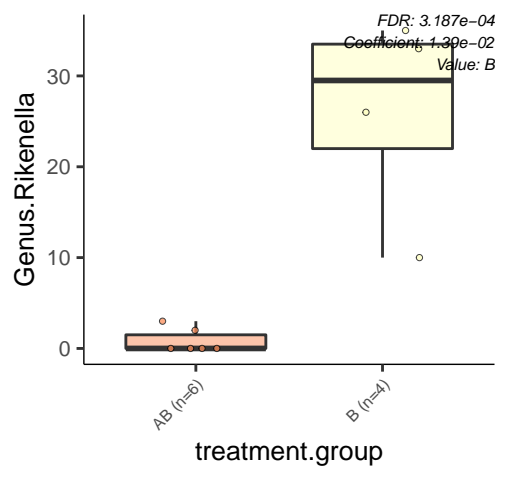
AB (n=6)

B (n=4)

treatment.group

FDR: 3.187×10^{-4}
Coefficient: 1.39×10^{-2}
Value: B

30
20
10
0



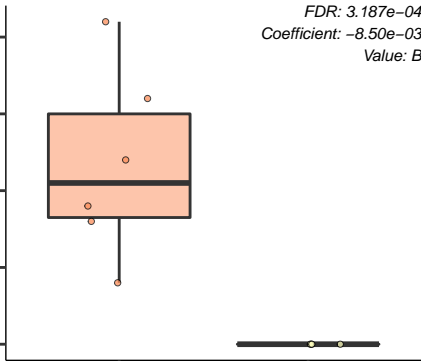
Genus.Chryseobacterium

FDR: $3.187e-04$
Coefficient: $-8.50e-03$
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Brevundimonas

FDR: $3.692e-04$

Coefficient: $-1.11e-02$

Value: B

30

20

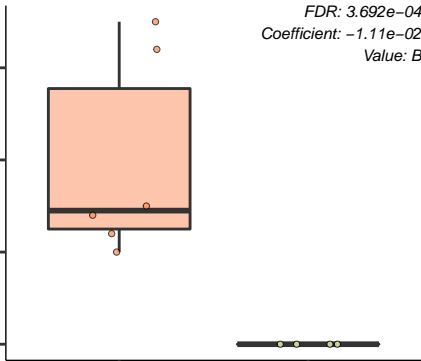
10

0

AB (n=6)

B (n=4)

treatment.group



Genus.Akkermansia

10000

5000

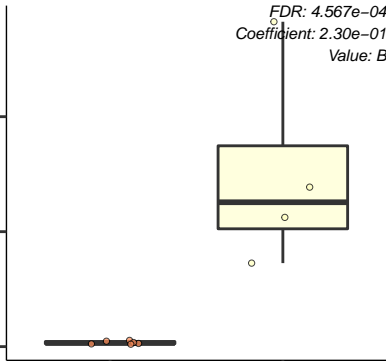
0

AB (n=6)

B (n=4)

treatment.group

FDR: 4.567e-04
Coefficient: 2.30e-01
Value: B



Genus.Coproccoccus

200

100

0

AB (n=6)

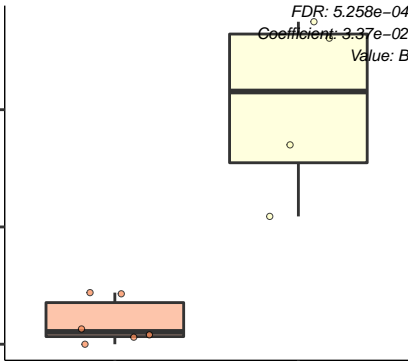
B (n=4)

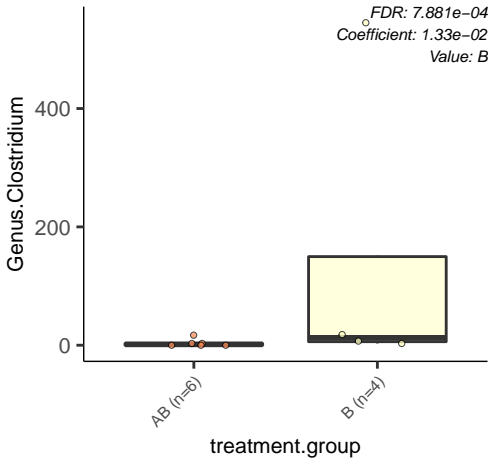
treatment.group

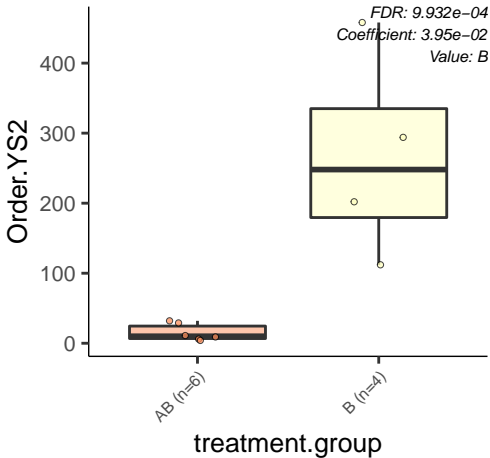
FDR: 5.258e-04

Coefficient: 3.37e-02

Value: B







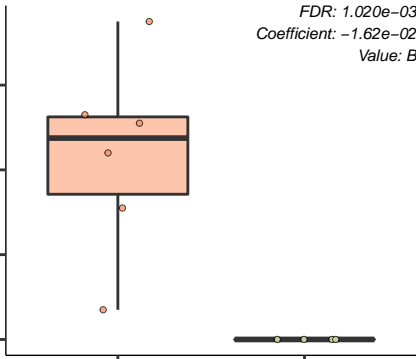
Genus.Vogesella

FDR: 1.020e-03
Coefficient: -1.62e-02
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Lactobacillus

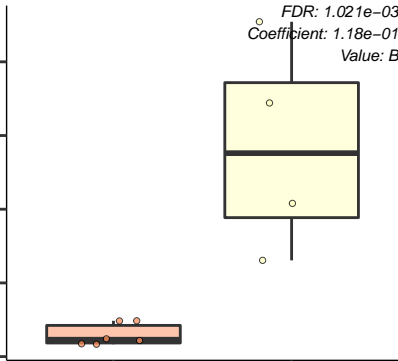
4000
3000
2000
1000
0

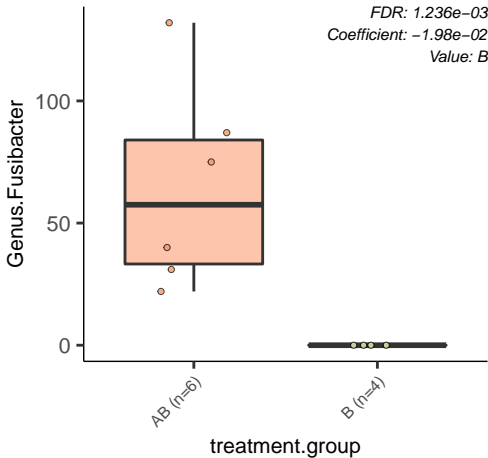
AB (n=6)

B (n=4)

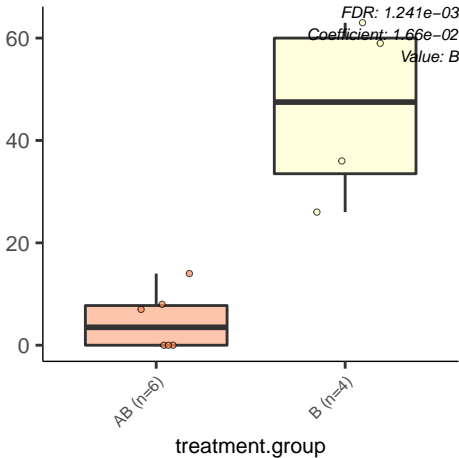
treatment.group

FDR: 1.021e-03
Coefficient: 1.18e-01
Value: B





Family..Mogibacteriaceae.



Genus.Anaeroplasm

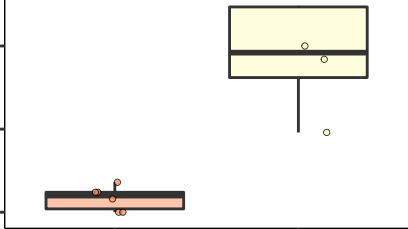
100
75
50
25
0

FDR: 1.284e-03
Coefficient: 1.78e-02
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Acinetobacter

900

600

300

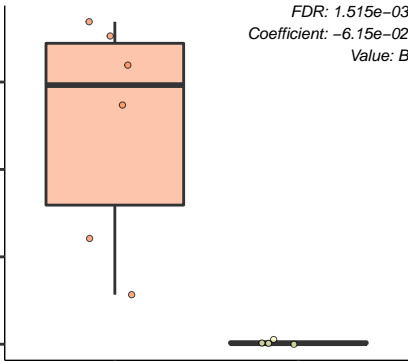
0

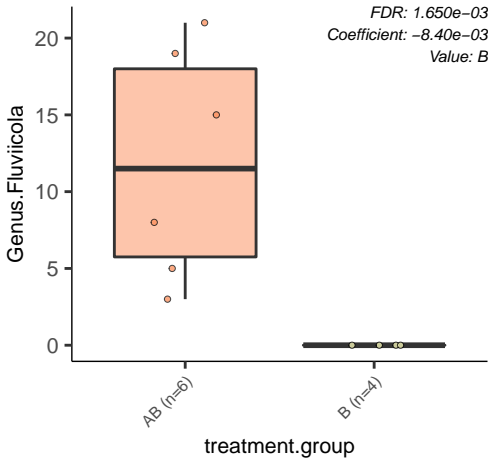
AB (n=6)

B (n=4)

treatment.group

FDR: $1.515e-03$
Coefficient: $-6.15e-02$
Value: B





Genus.PSB.M.3

FDR: 1.982e-03

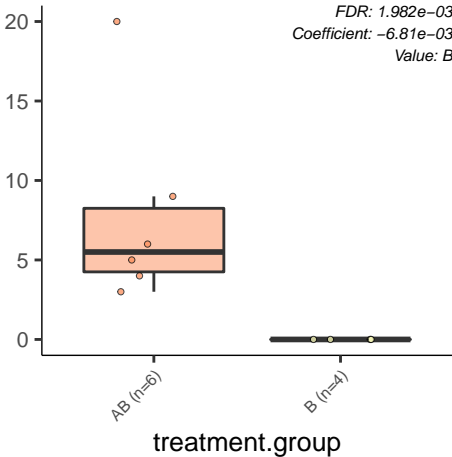
Coefficient: -6.81e-03

Value: B

AB (n=6)

B (n=4)

treatment.group



Family.Christensenellaceae

10

5

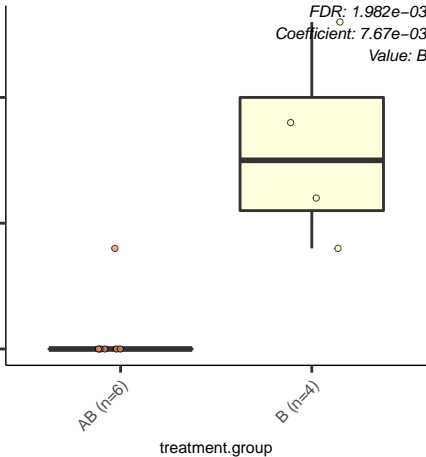
0

AB (n=6)

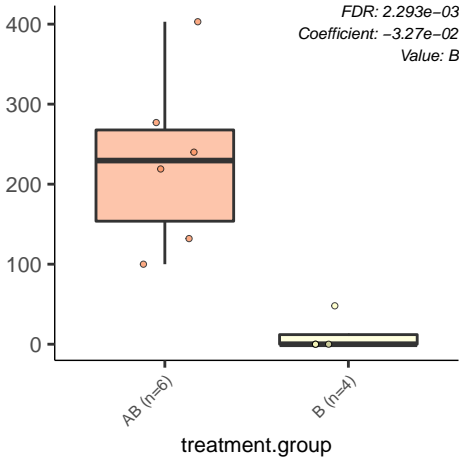
B (n=4)

treatment.group

FDR: $1.982e-03$
Coefficient: $7.67e-03$
Value: B



Family.Comamonadaceae



Genus.Adlercreutzia

FDR: $2.327e-03$
Coefficient: $2.05e-02$
Value: B

150

100

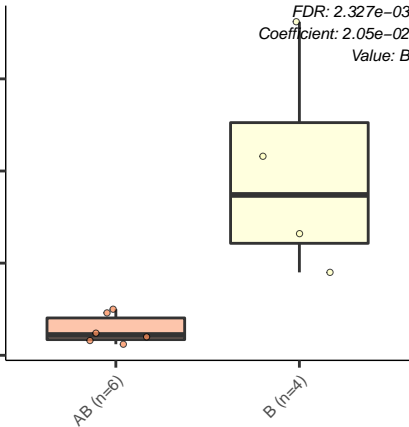
50

0

AB (n=6)

B (n=4)

treatment.group



Genus.Butyricoccus

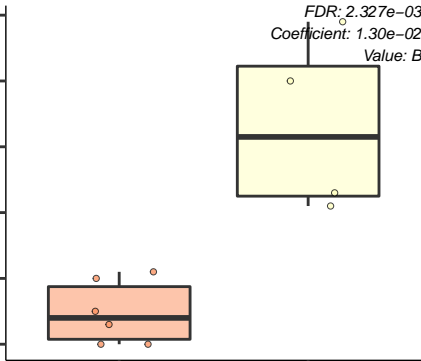
50
40
30
20
10
0

AB (n=6)

B (n=4)

treatment.group

FDR: 2.327e-03
Coefficient: 1.30e-02
Value: B



Genus.Wautersiella

FDR: 2.360e-03

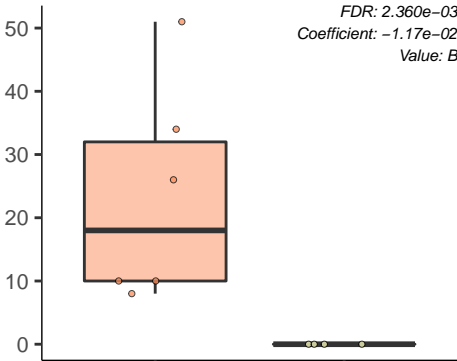
Coefficient: -1.17e-02

Value: B

AB (n=6)

B (n=4)

treatment.group



Genus..Ruminococcus.

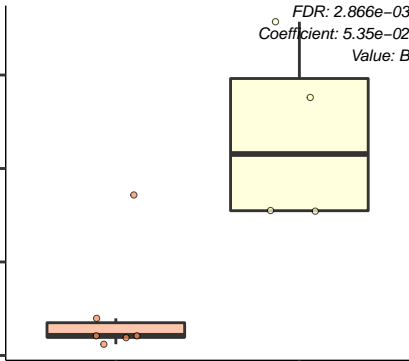
900
600
300
0

FDR: 2.866e-03
Coefficient: 5.35e-02
Value: B

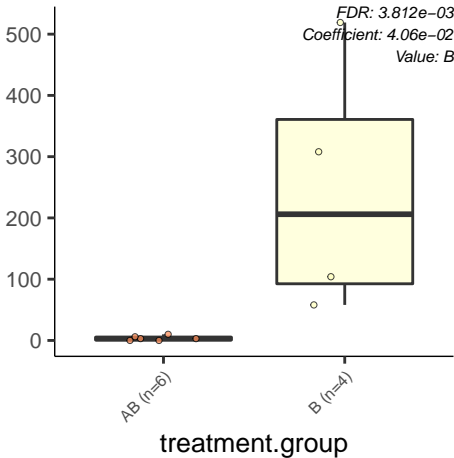
AB (n=6)

B (n=4)

treatment.group



Family.F16



Genus.Cloacibacterium

FDR: 6.109e-03

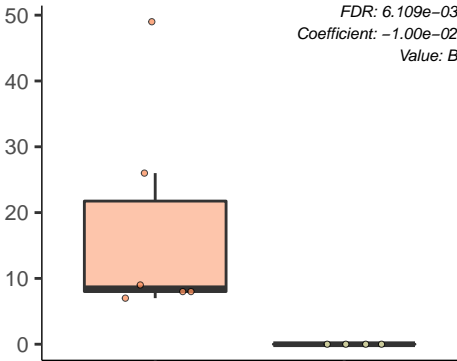
Coefficient: -1.00e-02

Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Rheinheimera

FDR: $6.825e-03$

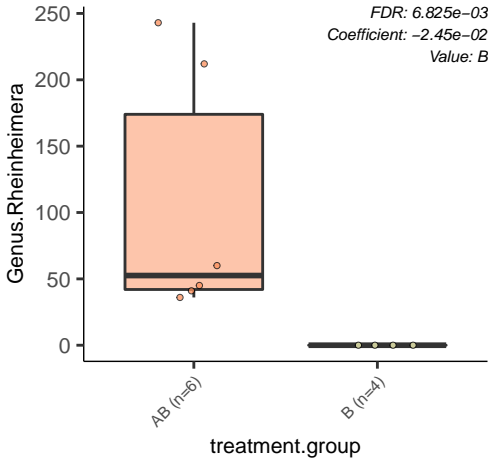
Coefficient: $-2.45e-02$

Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Dehalobacterium

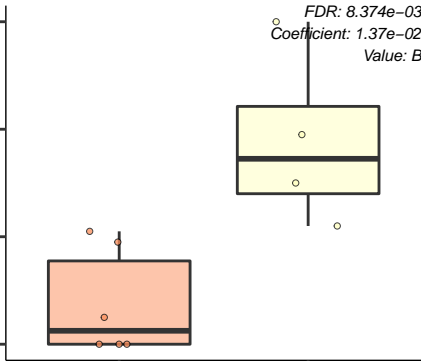
60
40
20
0

AB (n=6)

B (n=4)

treatment.group

FDR: $8.374e-03$
Coefficient: $1.37e-02$
Value: B



Genus.Candidatus.Arthromitus

10

5

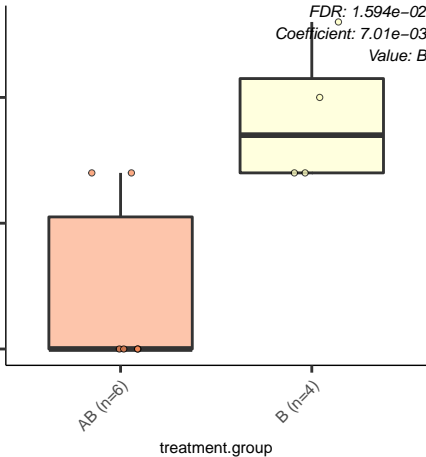
0

AB (n=6)

B (n=4)

treatment.group

FDR: 1.594e-02
Coefficient: 7.01e-03
Value: B



Family.Bacteriovoraceae

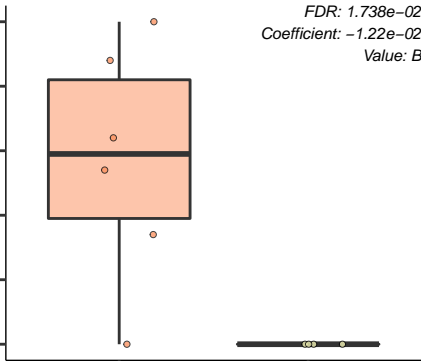
50
40
30
20
10
0

FDR: 1.738e-02
Coefficient: -1.22e-02
Value: B

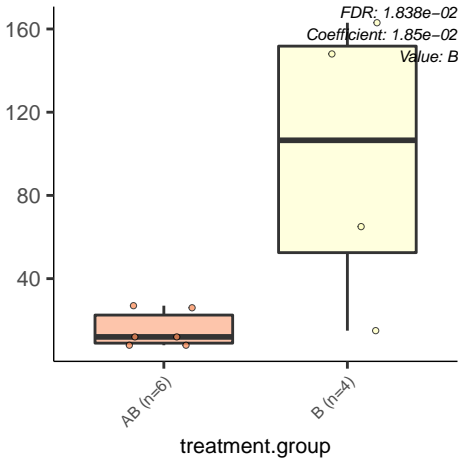
AB (n=6)

B (n=4)

treatment.group



Genus.Corynebacterium



Family.Aeromonadaceae

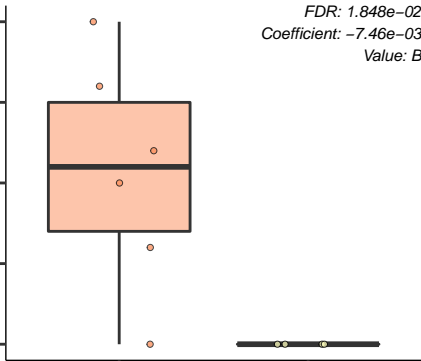
20
15
10
5
0

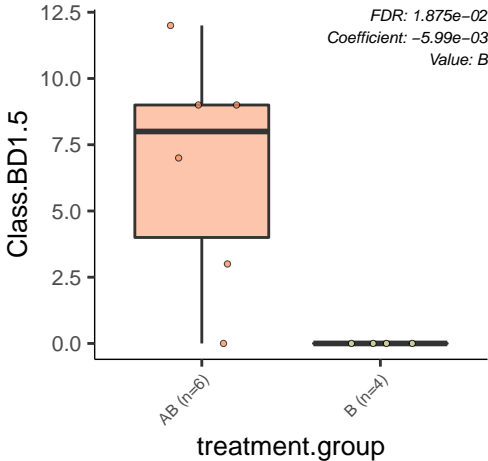
AB (n=6)

B (n=4)

treatment.group

FDR: $1.848e-02$
Coefficient: $-7.46e-03$
Value: B





Genus.Ruminococcus

FDR: 2.516e-02
Coefficient: 5.68e-02
Value: B

2000

1500

1000

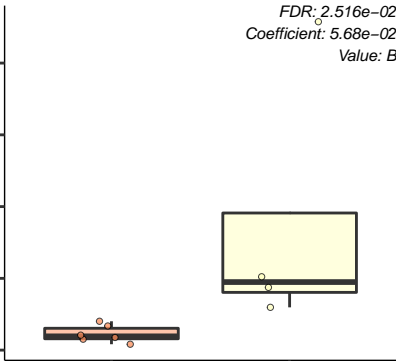
500

0

AB (n=6)

B (n=4)

treatment.group



Genus.Desulfovibrio

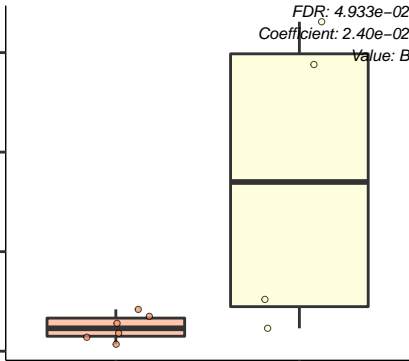
300
200
100
0

AB (n=6)

B (n=4)

treatment.group

FDR: 4.933e-02
Coefficient: 2.40e-02
Value: B



Genus.Allobaculum

FDR: 6.862e-02
Coefficient: 5.51e-02
Value: B

2000

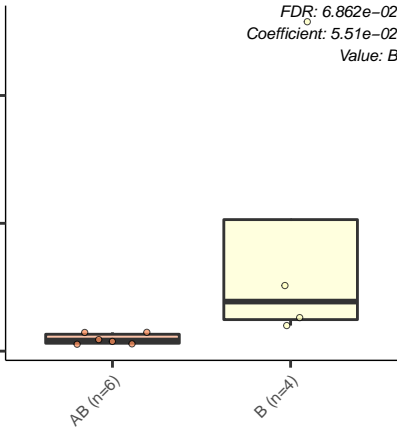
1000

0

AB (n=6)

B (n=4)

treatment.group



Genus.Cytophaga

FDR: 8.990e-02

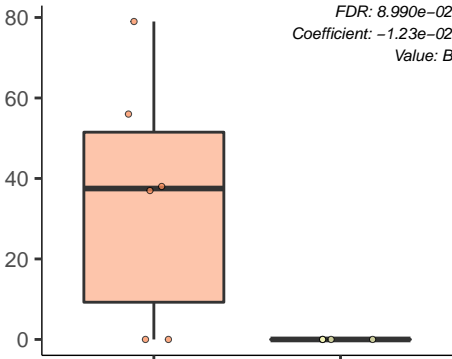
Coefficient: -1.23e-02

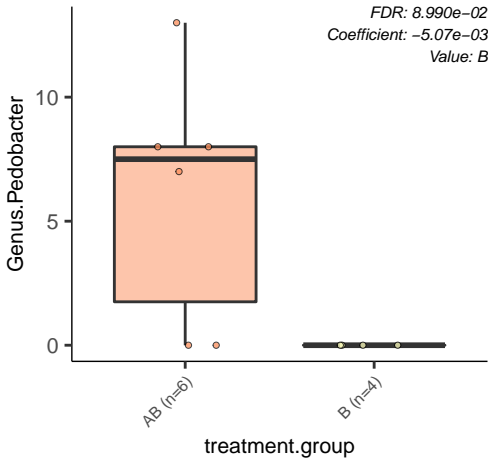
Value: B

AB (n=6)

B (n=4)

treatment.group



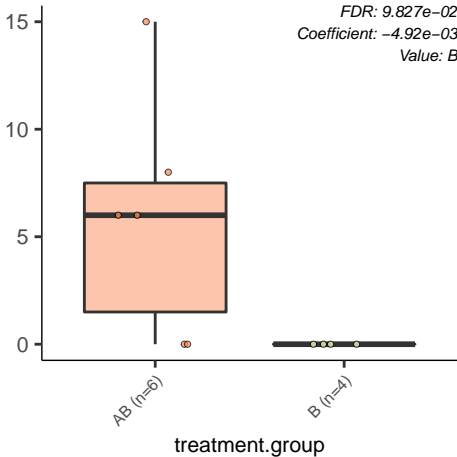


Family.Methylophilaceae

FDR: $9.827e-02$

Coefficient: $-4.92e-03$

Value: B



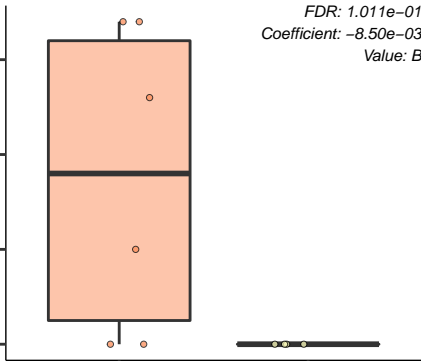
Family.Pseudomonadaceae

FDR: 1.011e-01
Coefficient: -8.50e-03
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Elizabethkingia

FDR: 1.011e-01

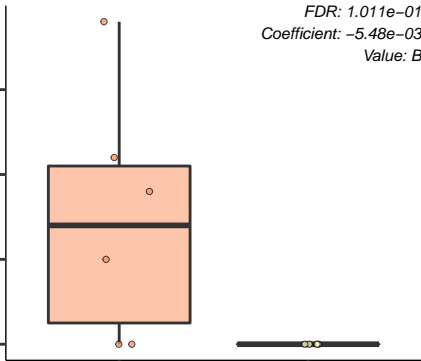
Coefficient: -5.48e-03

Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Roseburia

FDR: 1.112e-01
Coefficient: 2.10e-02
Value: B

300

200

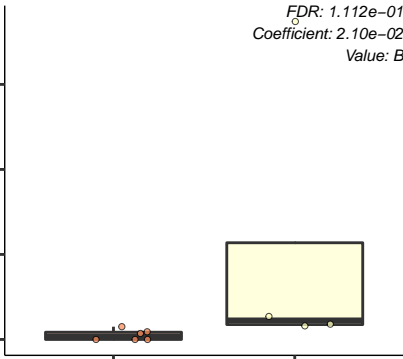
100

0

AB (n=6)

B (n=4)

treatment.group



Genus.Sphingobacterium

FDR: 1.113e-01

Coefficient: -4.27e-03

Value: B

10

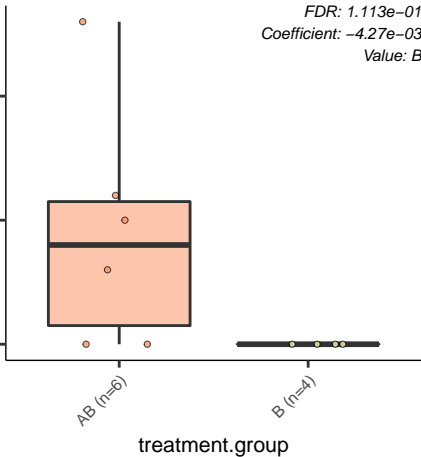
5

0

AB (n=6)

B (n=4)

treatment.group



Order.Bacteroidales

FDR: 1.159e-01

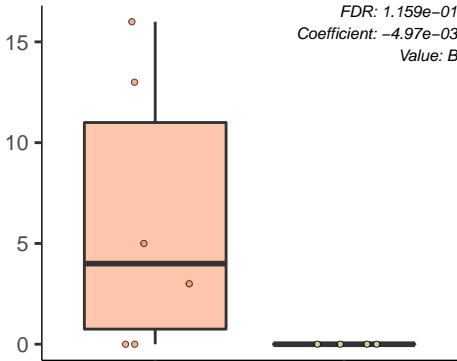
Coefficient: -4.97e-03

Value: B

AB (n=6)

B (n=4)

treatment.group



Family.Erysipelotrichaceae

FDR: 1.355e-01
Coefficient: 1.17e-02
Value: B

75

50

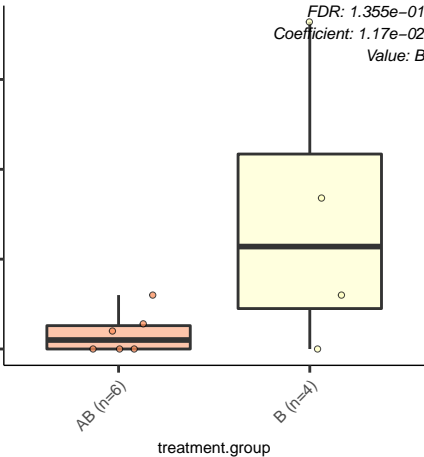
25

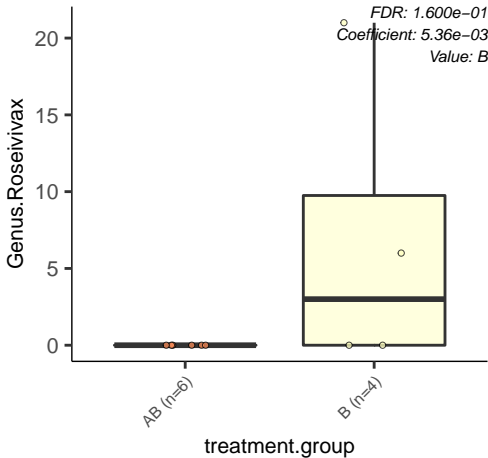
0

AB (n=6)

B (n=4)

treatment.group





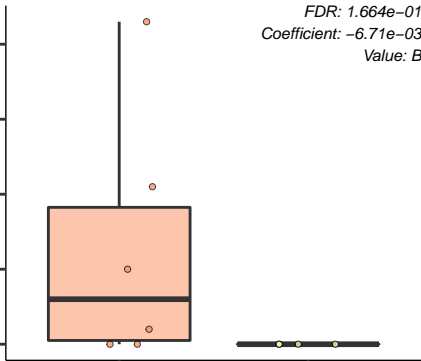
Genus.Paludibacter

FDR: 1.664e-01
Coefficient: -6.71e-03
Value: B

AB (n=6)

B (n=4)

treatment.group



Genus.Rhodobacter

FDR: 2.038e-01

Coefficient: $-4.53e-03$

Value: B

AB (n=6)

B (n=4)

treatment.group

