

Odoribacter

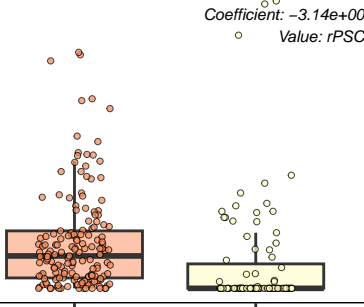
FDR: 4.805e-09
Coefficient: -3.14e+00
Value: rPSC

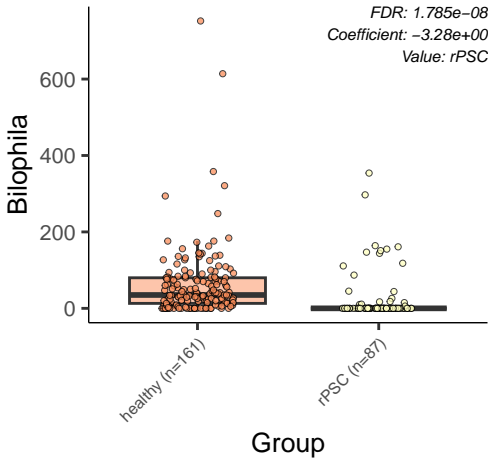
healthy (n=161)

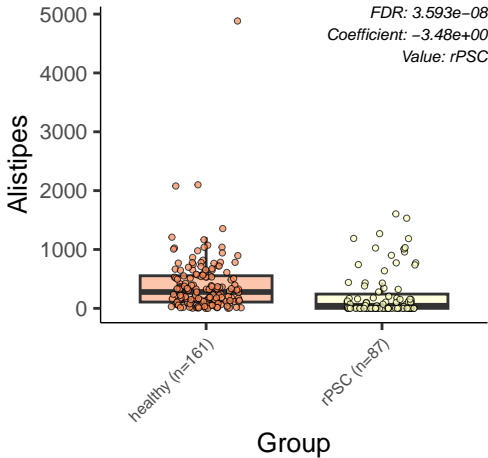
rPSC (n=87)

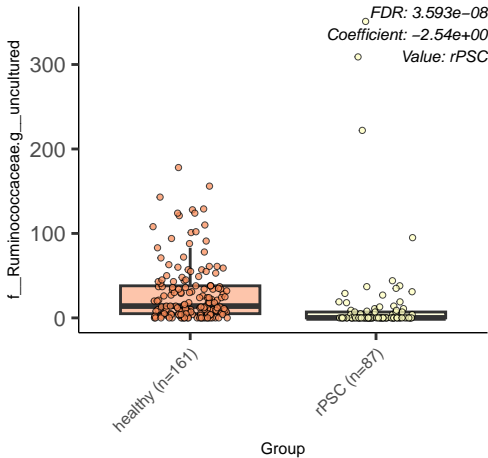
Group

400
300
200
100
0









Christensenellaceae_R.7_group

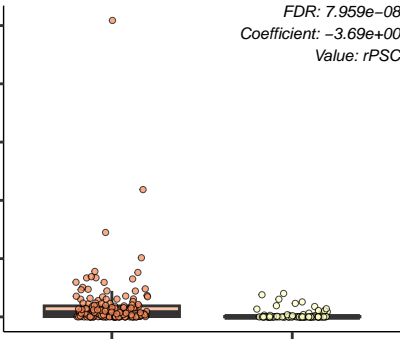
5000
4000
3000
2000
1000
0

FDR: 7.959e-08
Coefficient: -3.69e+00
Value: rPSC

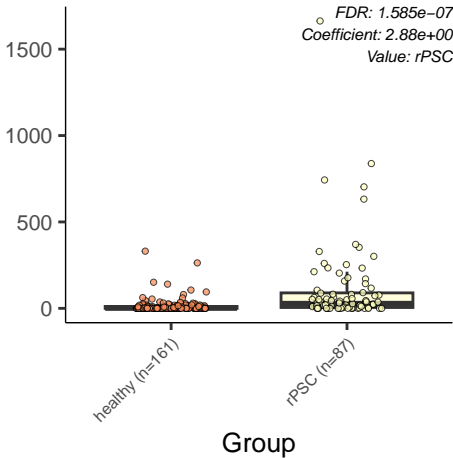
healthy (n=161)

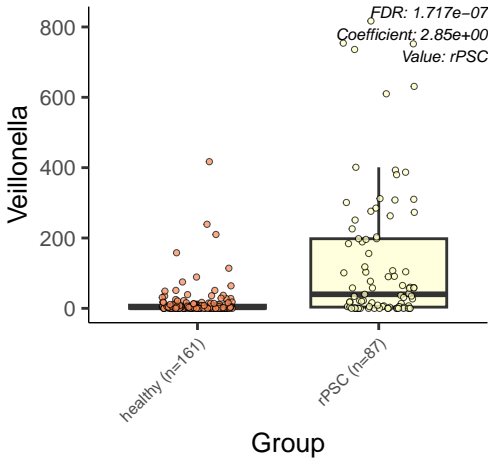
rPSC (n=87)

Group



Haemophilus





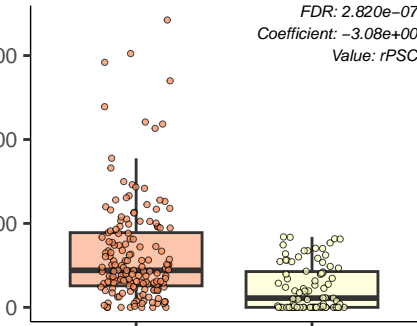
Coprococcus

FDR: 2.820e-07
Coefficient: -3.08e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



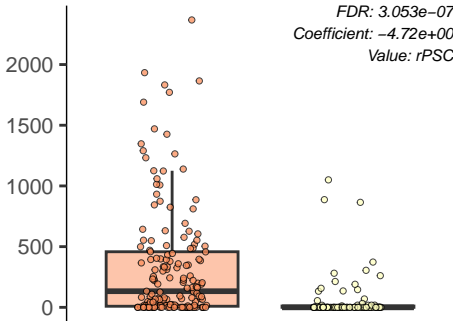
Barnesiella

FDR: 3.053e-07
Coefficient: -4.72e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Colidextribacter

FDR: 3.053e-07

Coefficient: -2.86e+00

Value: rPSC

1500

1000

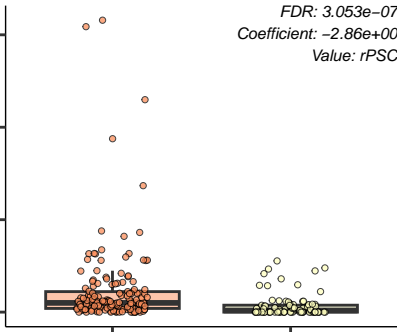
500

0

healthy (n=161)

rPSC (n=87)

Group



Intestinimonas

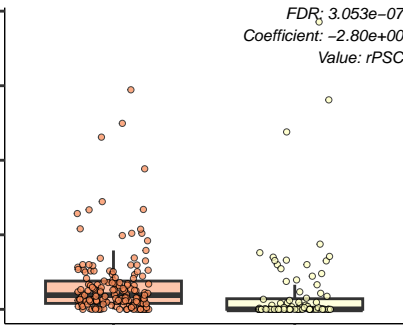
800
600
400
200
0

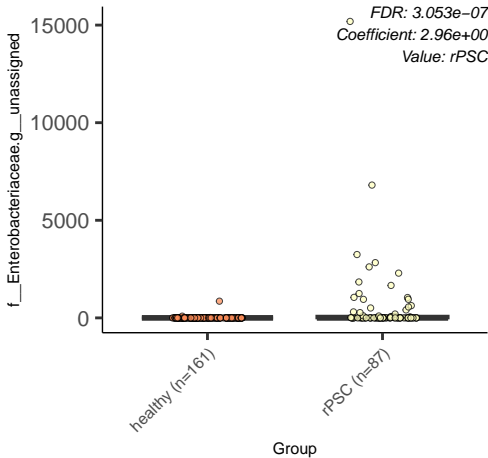
healthy (n=161)

rPSC (n=87)

Group

FDR: 3.053e-07
Coefficient: -2.80e+00
Value: rPSC





Streptococcus

10000

7500

5000

2500

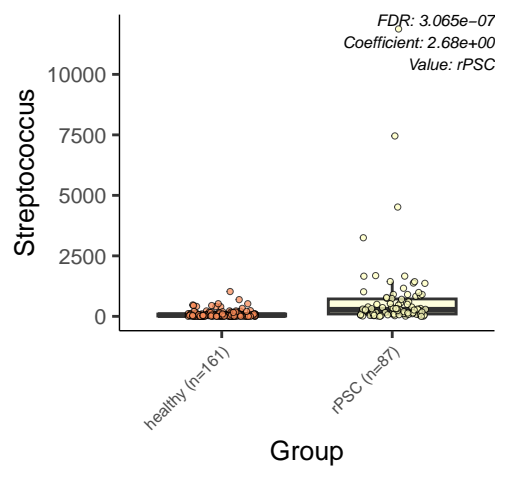
0

healthy (n=161)

rPSC (n=87)

Group

FDR: 3.065e-07
Coefficient: 2.68e+00
Value: rPSC



Family_XIII_AD3011_group

FDR: 4.554e-07

Coefficient: -3.14e+00

Value: rPSC

200

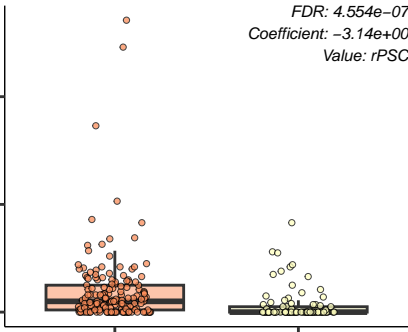
100

0

healthy (n=161)

rPSC (n=87)

Group



Clostridia_UCG.014

FDR: $7.372e-07$

Coefficient: $-3.23e+00$

Value: rPSC

750

500

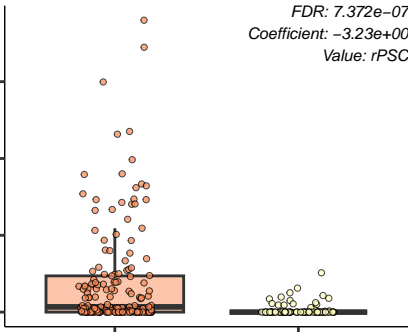
250

0

healthy (n=161)

rPSC (n=87)

Group



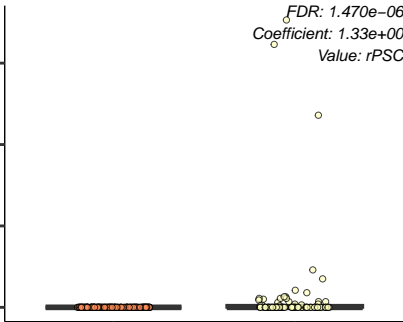
Sphingobium

FDR: 1.470e-06
Coefficient: 1.33e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



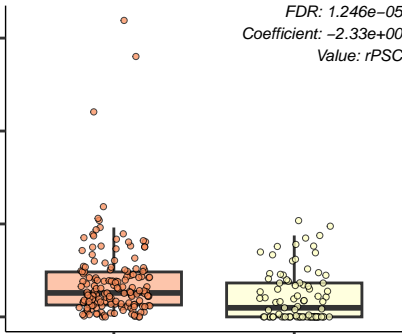
X.Eubacterium._hallii_group

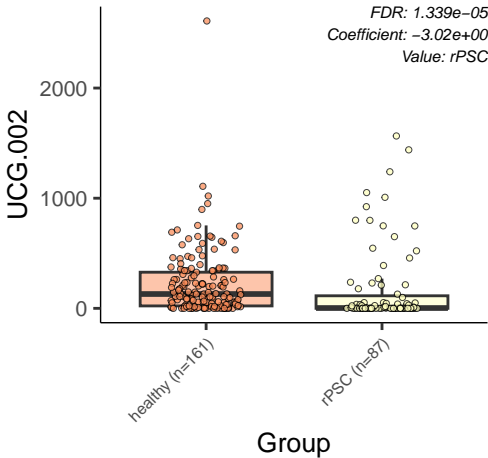
FDR: $1.246e-05$
Coefficient: $-2.33e+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





Lachnoclostridium

20000

15000

10000

5000

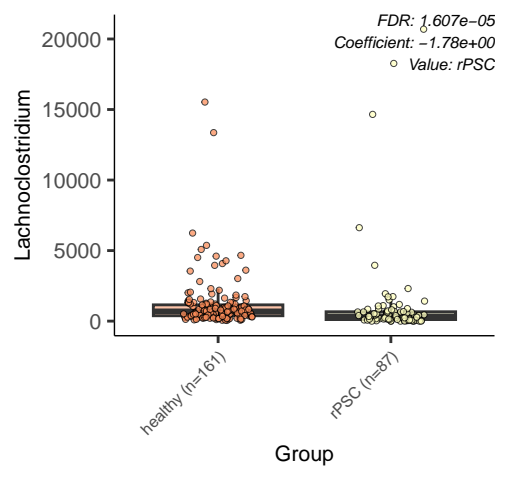
0

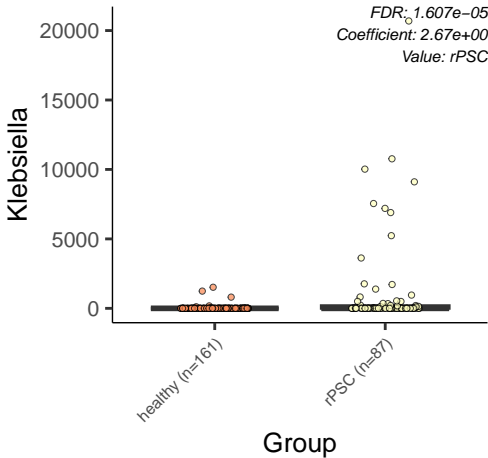
healthy (n=161)

rPSC (n=87)

Group

FDR: $1.607e-05$
Coefficient: $-1.78e+00$
○ Value: rPSC





Methylobacterium.Methylorubrum

FDR: $3.278e-05$
Coefficient: $6.96e-01$
Value: rPSC

75

50

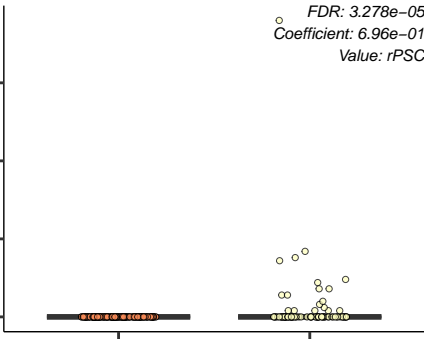
25

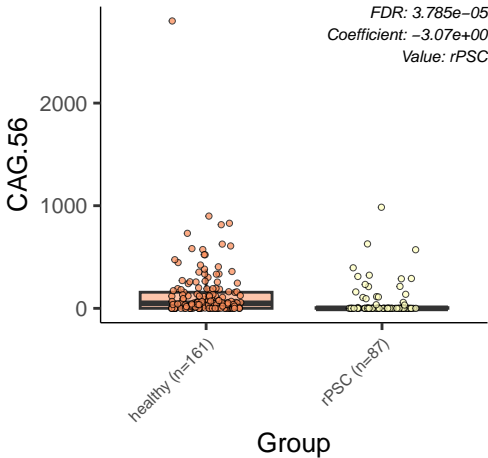
0

healthy (n=161)

rPSC (n=87)

Group





Holdmania

100

50

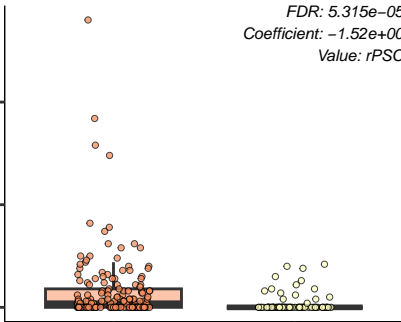
0

healthy (n=161)

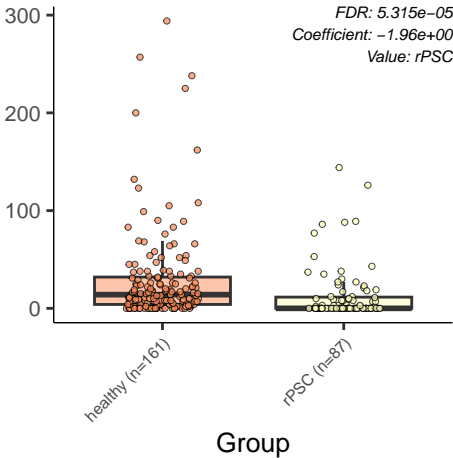
rPSC (n=87)

Group

FDR: 5.315e-05
Coefficient: -1.52e+00
Value: rPSC



Marvinbryantia



Parabacteroides

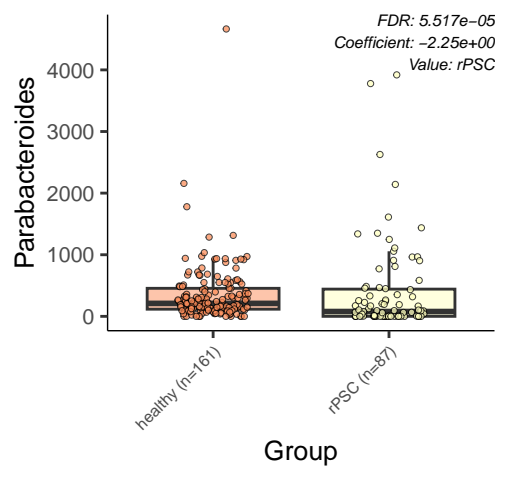
healthy (n=161)

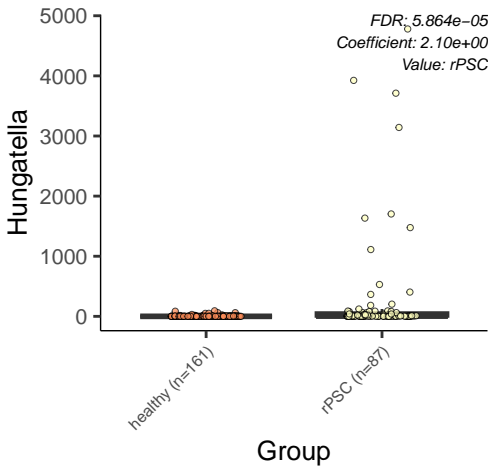
rPSC (n=87)

Group

FDR: $5.517e-05$
Coefficient: $-2.25e+00$
Value: rPSC

4000
3000
2000
1000
0





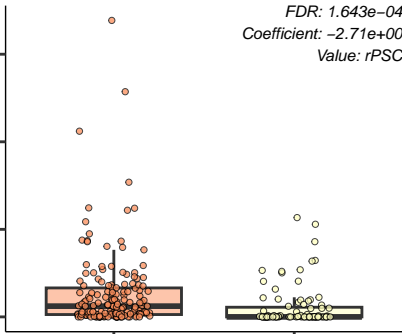
Erysipelotrichaceae_UCG.003

FDR: 1.643e-04
Coefficient: -2.71e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



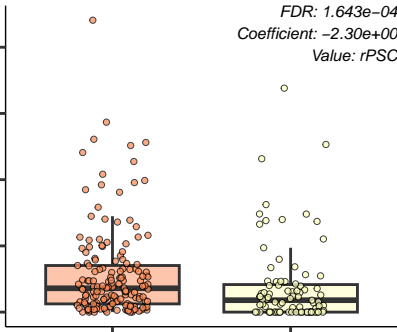
Fusicatenibacter

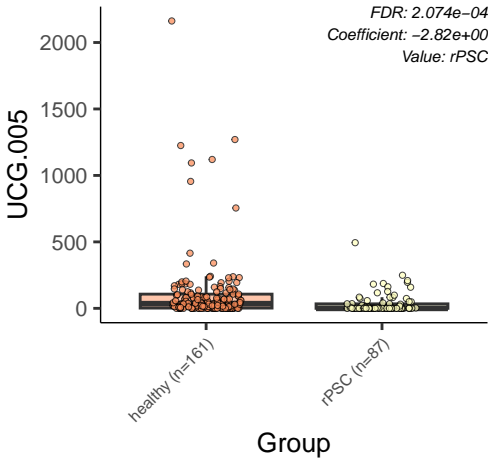
FDR: 1.643e-04
Coefficient: -2.30e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





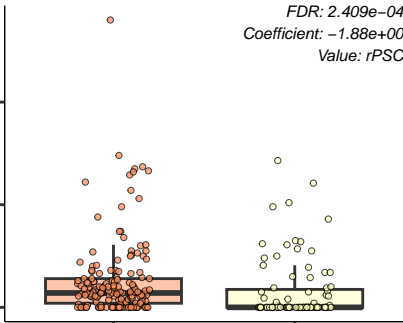
GCA.900066575

FDR: $2.409e-04$
Coefficient: $-1.88e+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Lachnospiraceae_ND3007_group

FDR: 2.409×10^{-4}
Coefficient: -2.49×10^0
Value: rPSC

600

400

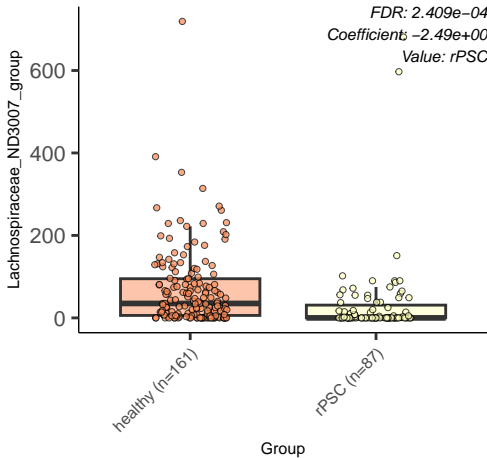
200

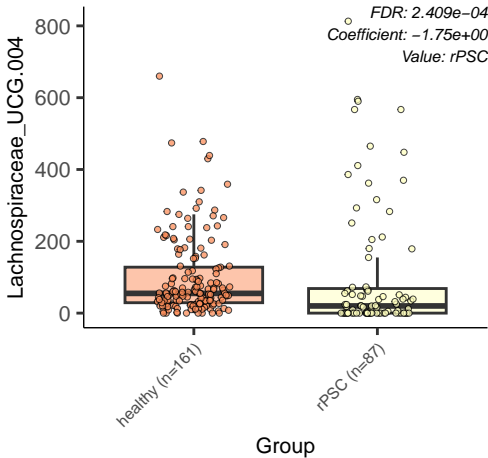
0

healthy (n=161)

rPSC (n=87)

Group





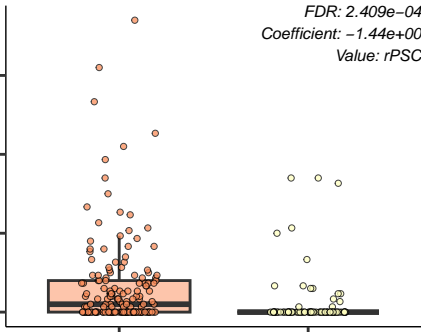
Family_XIII_UCG.001

FDR: $2.409e-04$
Coefficient: $-1.44e+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



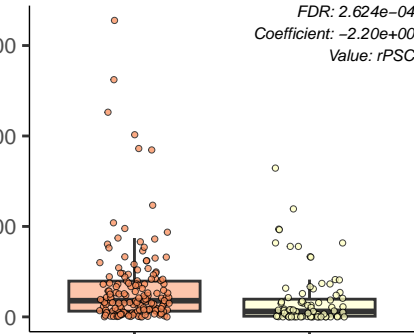
X.Ruminococcus._torques_group

FDR: 2.624e-04
Coefficient: -2.20e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Faecalibacterium

FDR: 2.709e-04
Coefficient: -2.37e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group

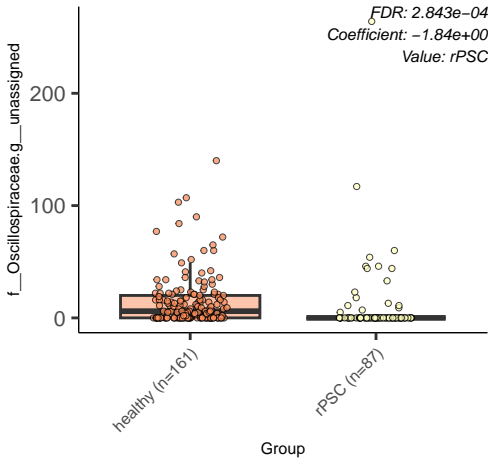
20000

15000

10000

5000

0



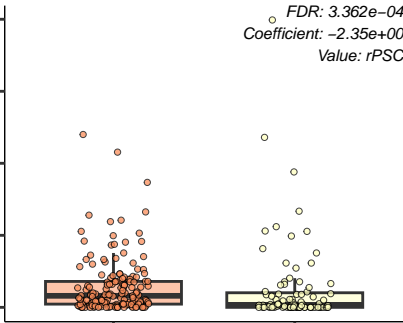
Oscillibacter

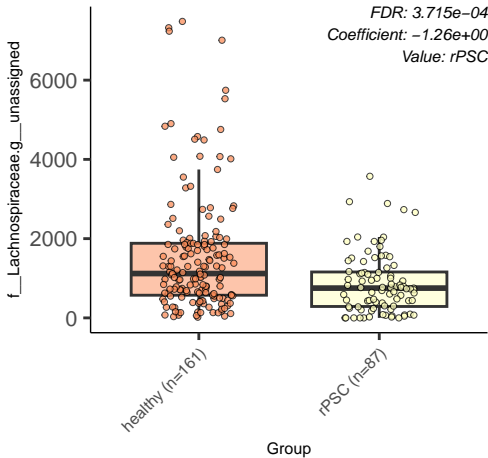
FDR: 3.362e-04
Coefficient: -2.35e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





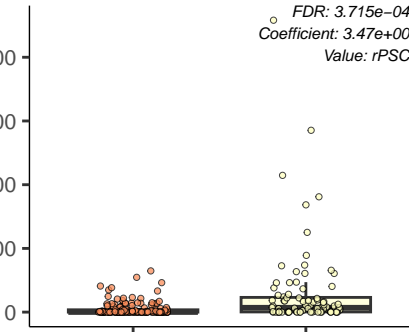
Escherichia.Shigella

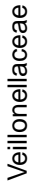
FDR: $3.715e-04$
Coefficient: $3.47e+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



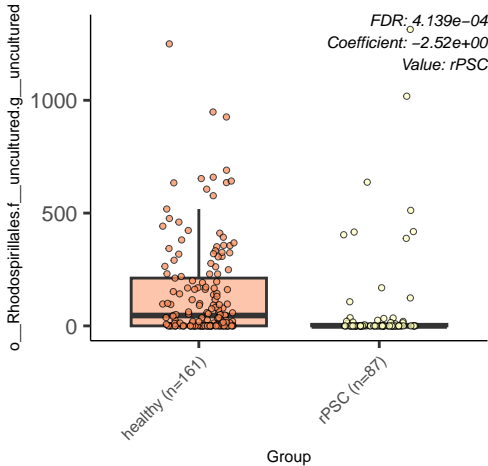


FDR: 3.738e-04
Coefficient: 9.57e-01
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



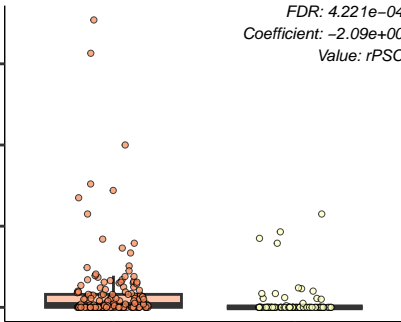
Adlercreutzia

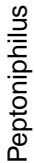
FDR: $4.221e-04$
Coefficient: $-2.09e+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





FDR: 6.556e-04

Coefficient: 5.47e-01

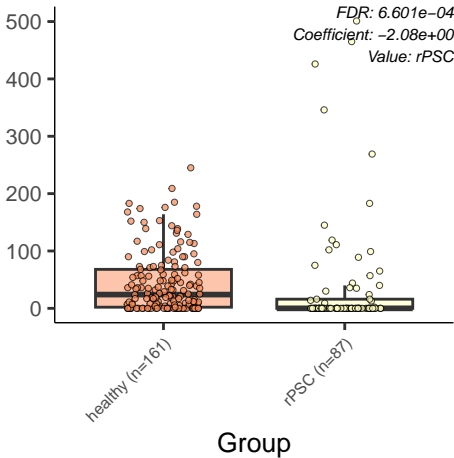
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group

Butyricimonas



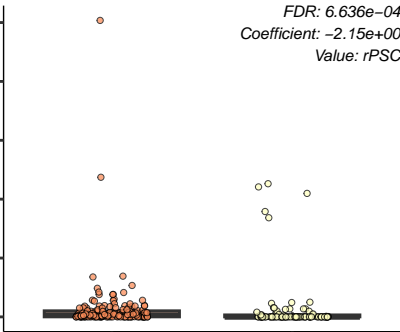
Lachnospiraceae_NK4A136_group

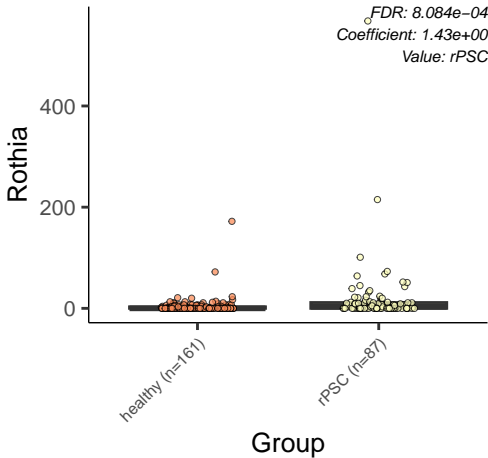
FDR: 6.636e-04
Coefficient: -2.15e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





Phascolarctobacterium

1000

500

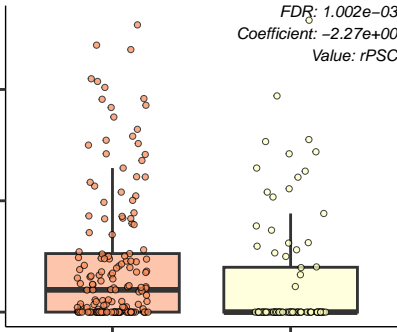
0

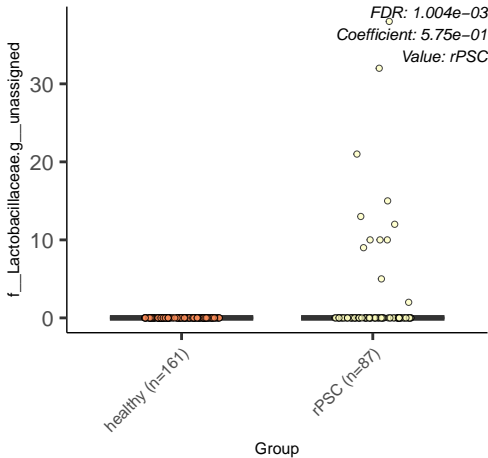
healthy (n=161)

rPSC (n=87)

Group

FDR: 1.002e-03
Coefficient: -2.27e+00
Value: rPSC





Gastranaerophilales

FDR: 1.032e-03

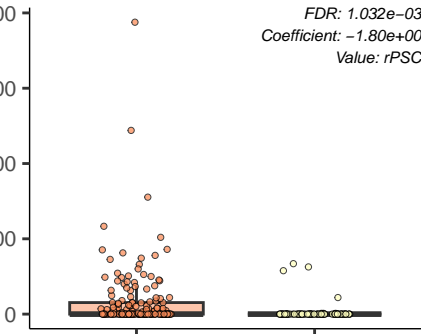
Coefficient: -1.80e+00

Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



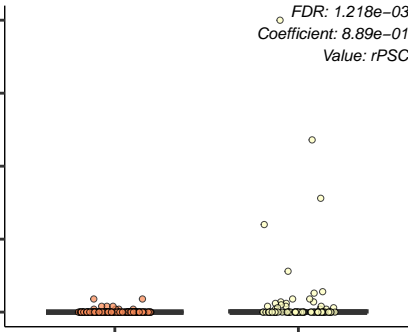
Lactacaseibacillus

FDR: 1.218e-03
Coefficient: 8.89e-01
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Collinsella

4000

2000

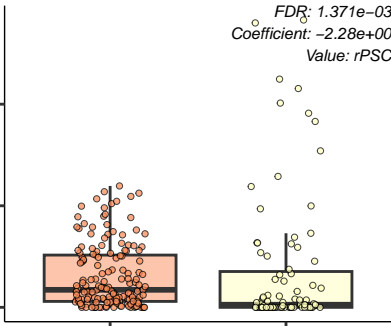
0

healthy (n=161)

rPSC (n=87)

Group

FDR: 1.371e-03
Coefficient: -2.28e+00
Value: rPSC



Lachnospiraceae_FCS020_group

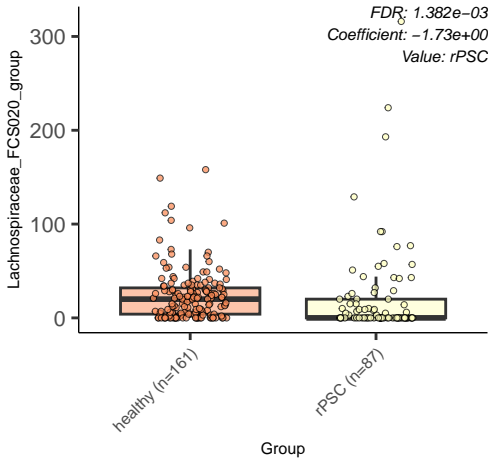
300
200
100
0

healthy (n=161)

rPSC (n=87)

Group

FDR: $1.382e-03$
Coefficient: $-1.73e+00$
Value: rPSC



Limosilactobacillus

FDR: $1.854e-03$
Coefficient: $5.42e-01$
Value: rPSC

40

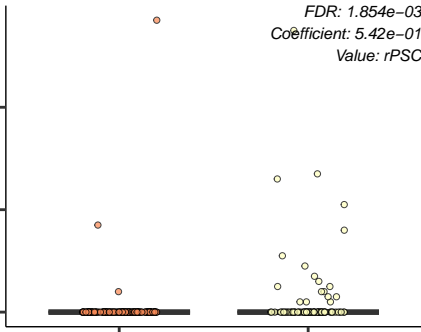
20

0

healthy (n=161)

rPSC (n=87)

Group



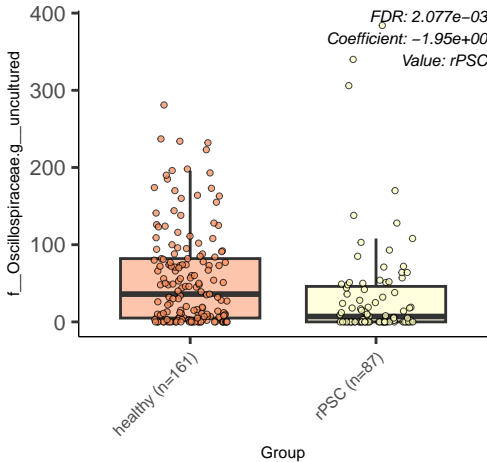
f__Oscillospiraceae.g__uncultured

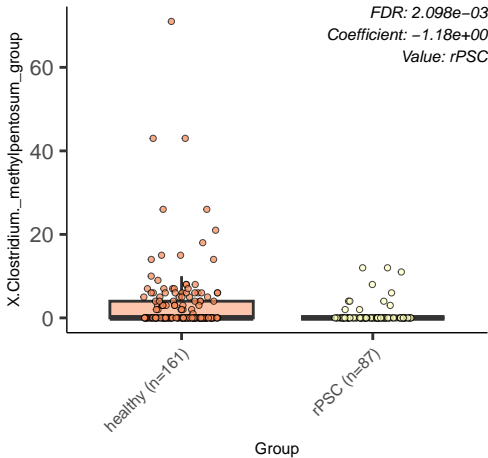
FDR: 2.077e-03
Coefficient: -1.95e+00
Value: rPSC

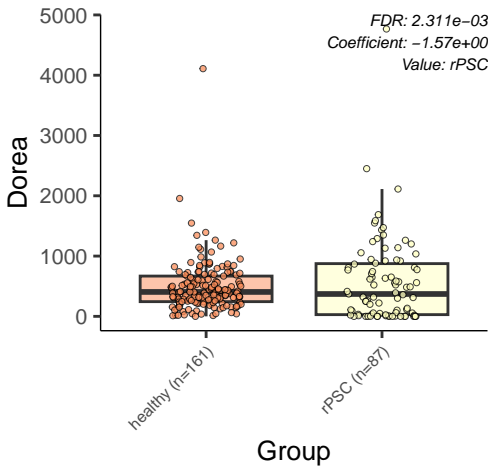
healthy (n=161)

rPSC (n=87)

Group







Butyricicoccus

1000

500

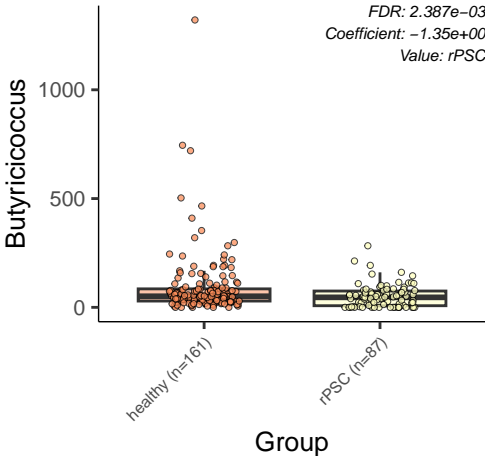
0

healthy (n=161)

rPSC (n=87)

Group

FDR: 2.387e-03
Coefficient: -1.35e+00
Value: rPSC



X.Clostridium._innocuum_group

FDR: 2.670e-03
Coefficient: 1.59e+00
Value: rPSC

900

600

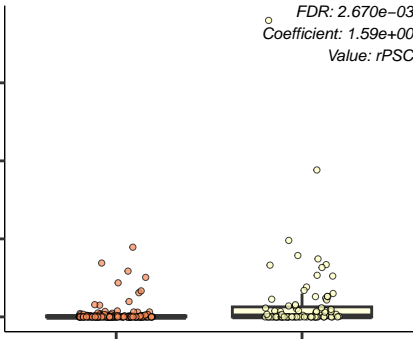
300

0

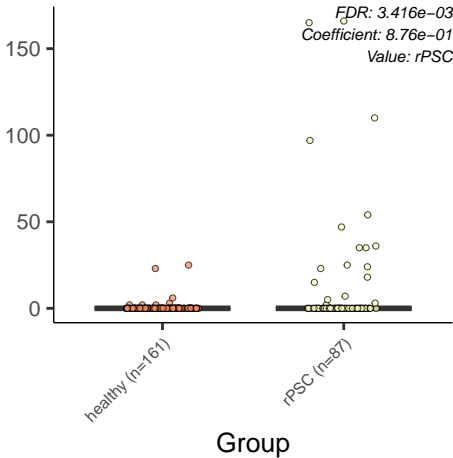
healthy (n=161)

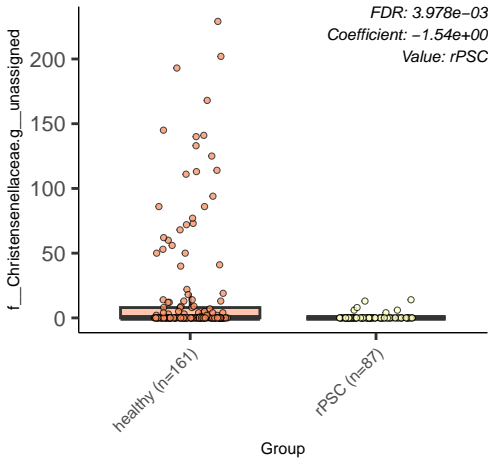
rPSC (n=87)

Group



Lactobacillus





Bacteroides

30000

20000

10000

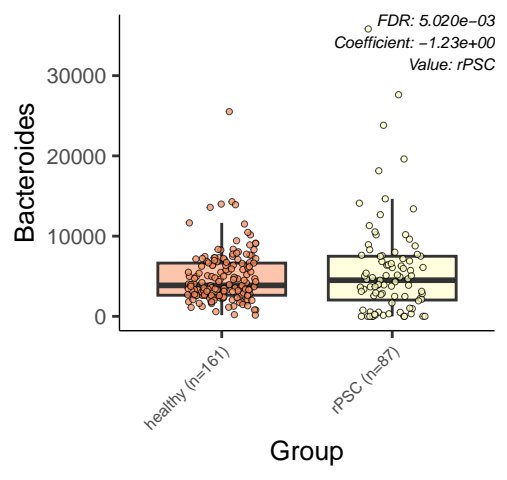
0

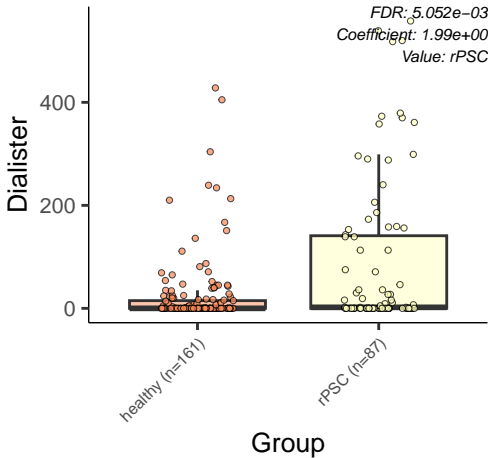
healthy (n=161)

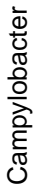
rPSC (n=87)

Group

FDR: 5.020e-03
Coefficient: -1.23e+00
Value: rPSC







FDR: 5.073e-03

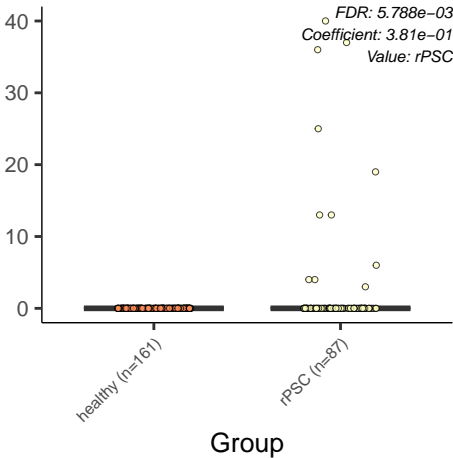
Coefficient: 6.43e-01

Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Howardella

FDR: 6.048e-03

Coefficient: -1.02e+00

Value: rPSC

300

200

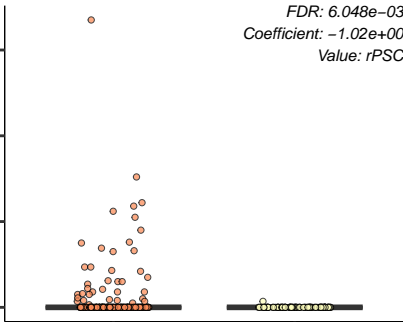
100

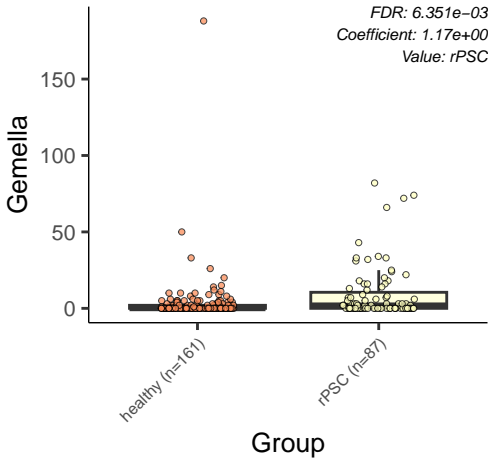
0

healthy (n=161)

rPSC (n=87)

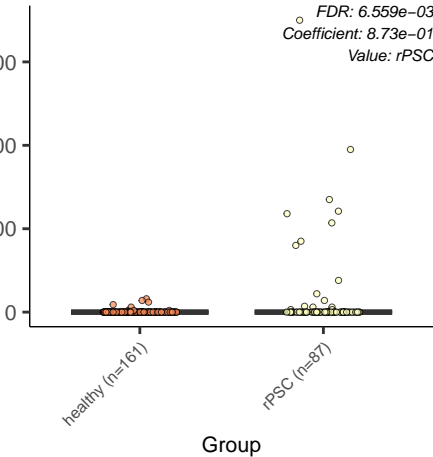
Group

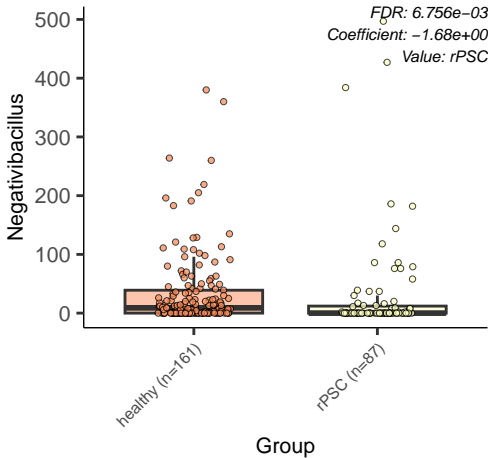




Ligilactobacillus

FDR: 6.559e-03
Coefficient: 8.73e-01
Value: rPSC





Pseudomonas

FDR: 6.756e-03

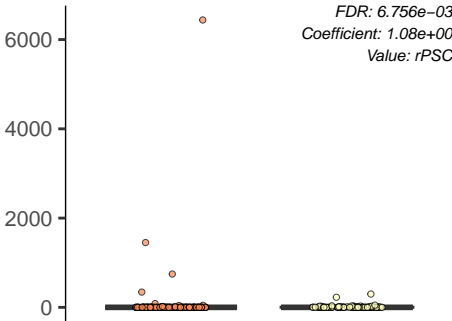
Coefficient: 1.08e+00

Value: rPSC

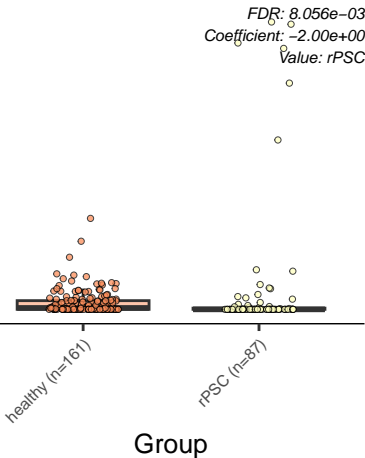
healthy (n=161)

rPSC (n=87)

Group



Coprobacter



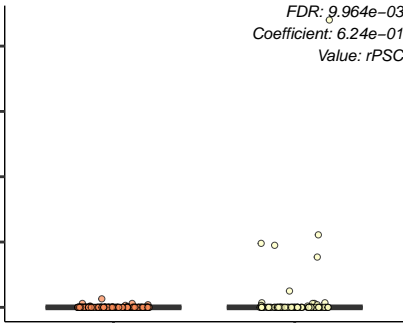
Anaerococcus

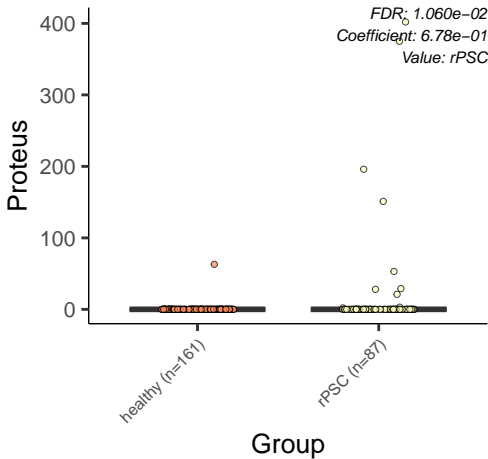
FDR: $9.964e-03$
Coefficient: $6.24e-01$
Value: rPSC

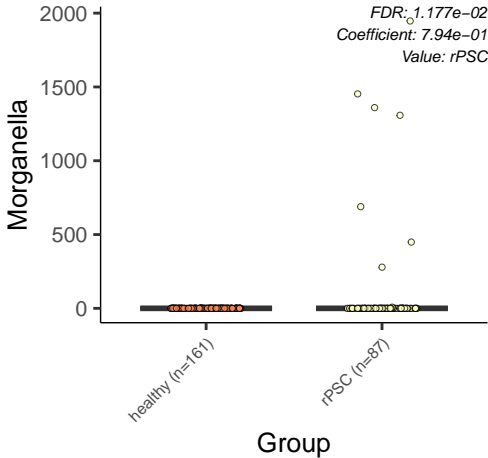
healthy (n=161)

rPSC (n=87)

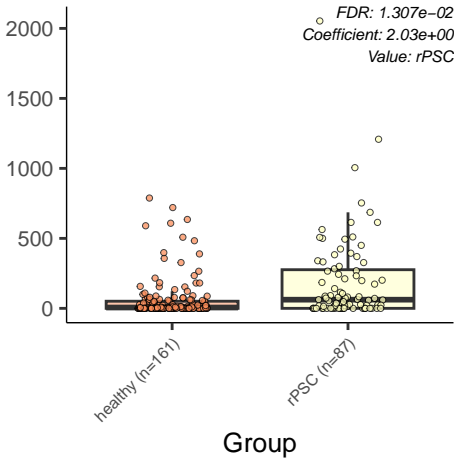
Group







Intestinibacter





FDR: 1.350e-02

Goefficient: 4.34e-01

Value: rPSC

healthy (n=161)

rPSC (n=87)

Group

Fusobacterium

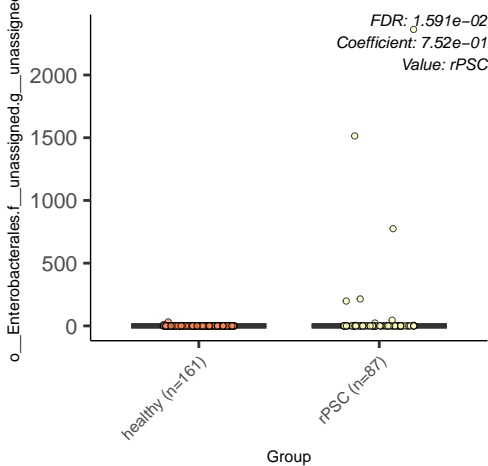
FDR: 1.362e-02
Coefficient: 1.79e+00
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group

9000
6000
3000
0



Corynebacterium

FDR: 1.766e-02
Coefficient: 5.72e-01
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group

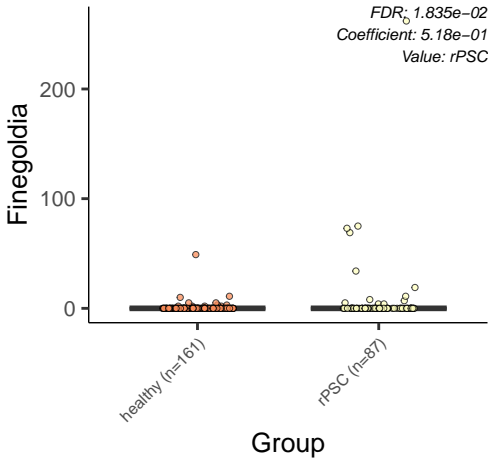
200

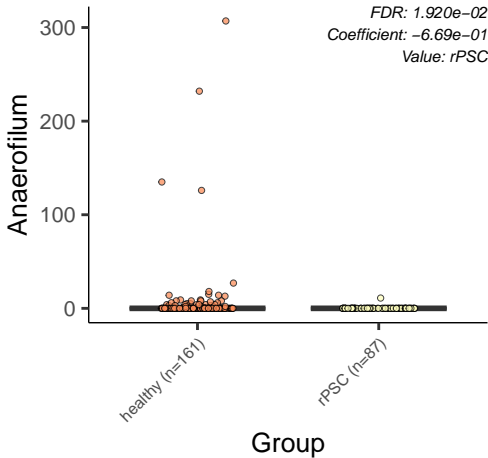
150

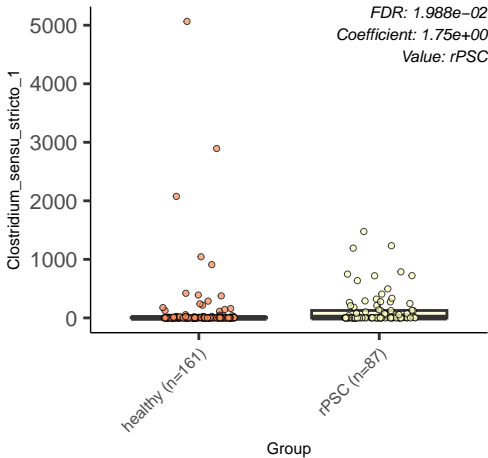
100

50

0







UCG.003

300

200

100

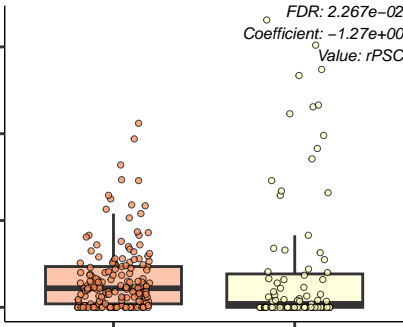
0

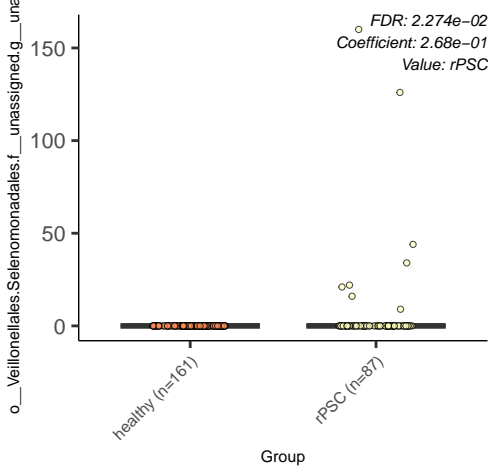
healthy (n=161)

rPSC (n=87)

Group

FDR: 2.267×10^{-2}
Coefficient: -1.27×10^0
Value: rPSC





Subdoli granulum

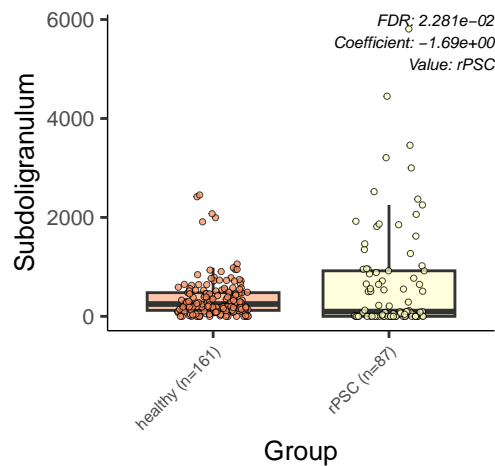
6000
4000
2000
0

FDR: 2.281e-02
Coefficient: -1.69e+00
Value: rPSC

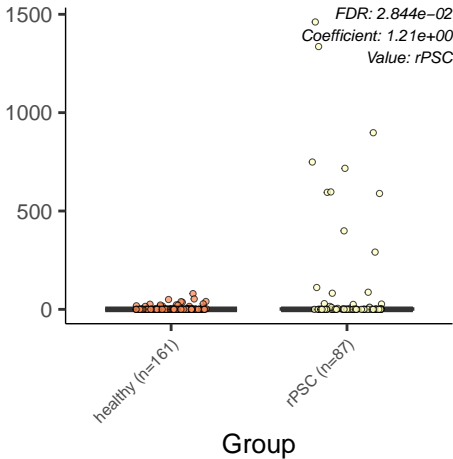
healthy (n=161)

rPSC (n=87)

Group



Megasphaera



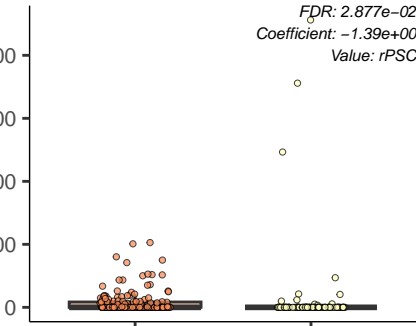
Paraprevotella

FDR: $2.877\text{e-}02$
Coefficient: $-1.39\text{e}+00$
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group



Holdemanella

1000

500

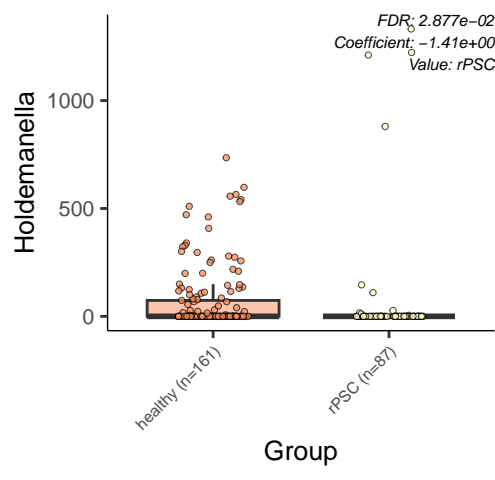
0

healthy (n=161)

rPSC (n=87)

Group

FDR: $2.877\text{e-}02$
Coefficient: $-1.41\text{e}+00$
Value: rPSC



Ruminococcus

FDR: 2.877e-02
Coefficient: -1.55e+00
Value: rPSC

3000

2000

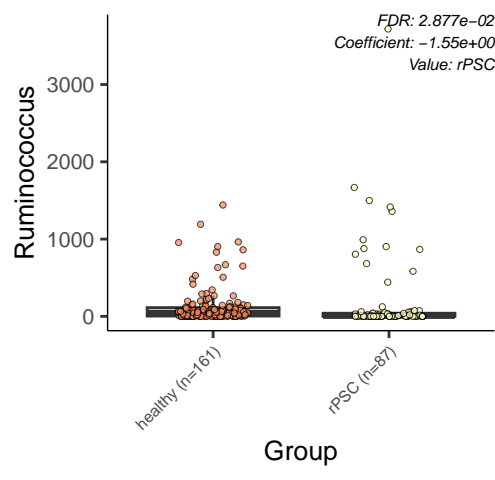
1000

0

healthy (n=161)

rPSC (n=87)

Group



Senegalimassilia

FDR: $2.920e-02$
Coefficient: $-1.17e+00$
Value: rPSC

400

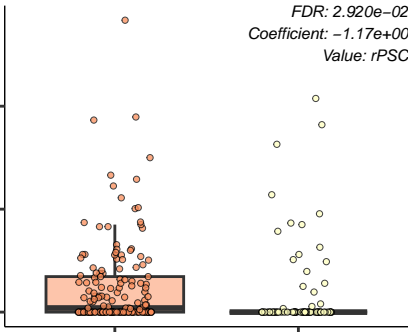
200

0

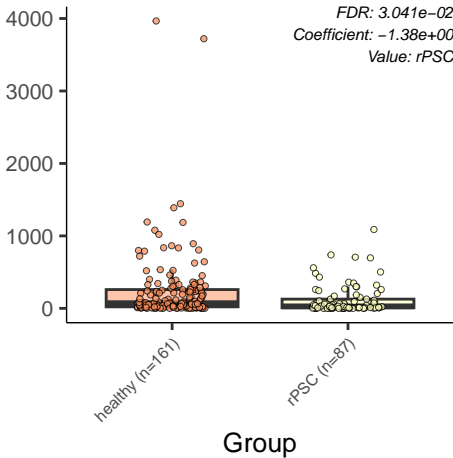
healthy (n=161)

rPSC (n=87)

Group



Anaerostipes



f__Peptococcaceae.g__uncultured

200

150

100

50

0

FDR: 3.162e-02

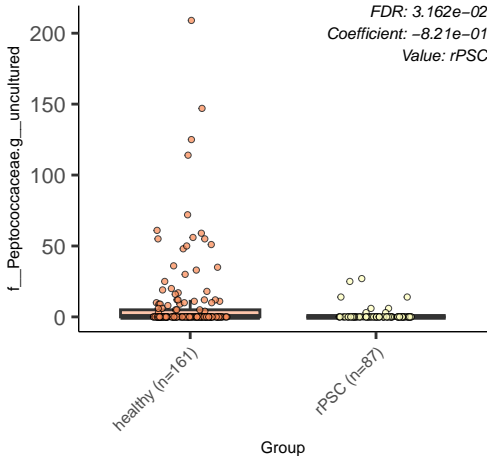
Coefficient: -8.21e-01

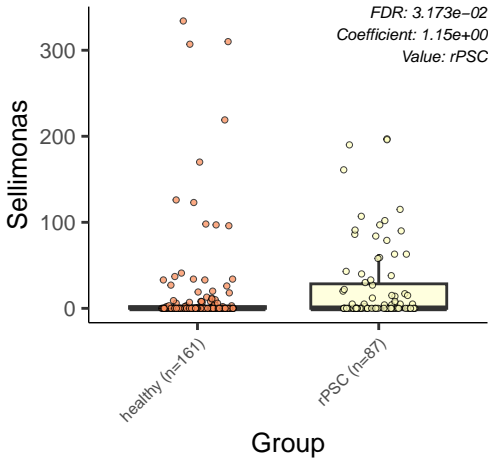
Value: rPSC

healthy (n=161)

rPSC (n=87)

Group





f__Barnesiellaceae.g__uncultured

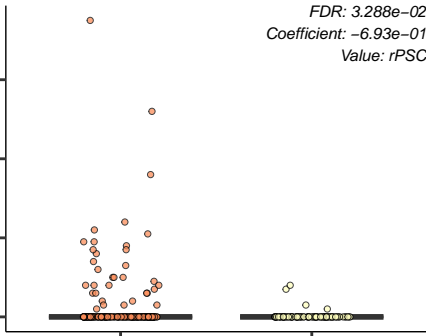
FDR: 3.288e-02
Coefficient: -6.93e-01
Value: rPSC

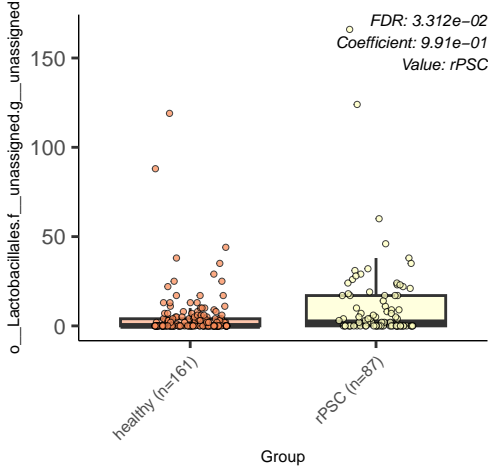
60
40
20
0

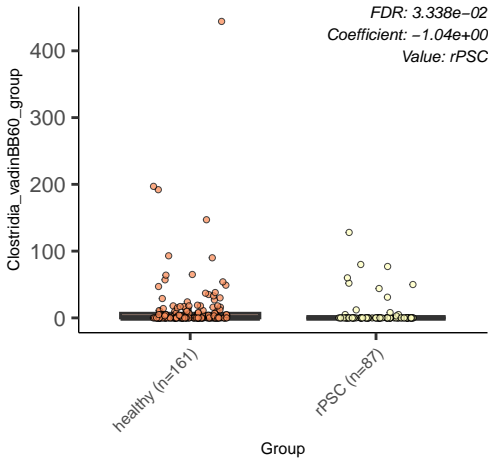
healthy (n=161)

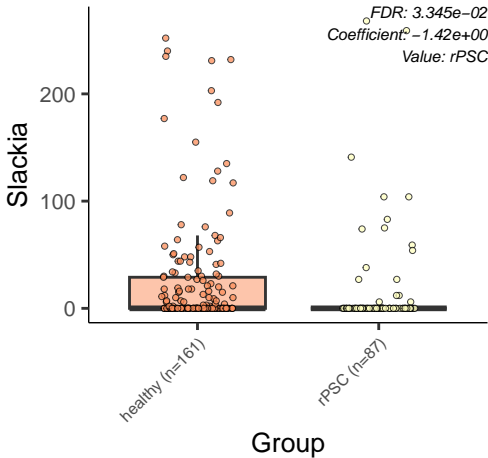
rPSC (n=87)

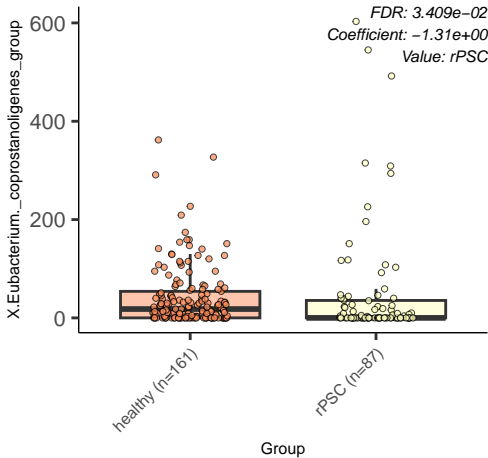
Group











Candidatus_Soleaferrea

30

20

10

0

healthy (n=161)

rPSC (n=87)

Group

FDR: $4.998e-02$
Coefficient: $-6.60e-01$
Value: rPSC

