

Colidextribacter

*FDR: 1.137e-06*

*Coefficient: -3.01e+00*

*Value: post\_ltx*

1500

1000

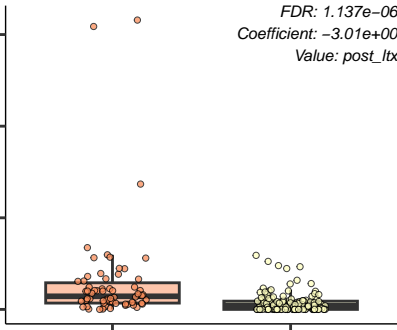
500

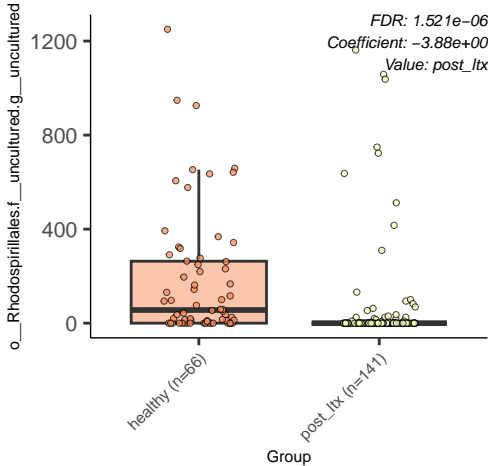
0

healthy (n=66)

post\_ltx (n=141)

Group





Enterococcus

10000

5000

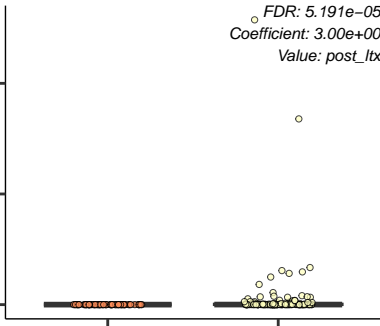
0

healthy (n=66)

post\_ltx (n=141)

Group

FDR:  $5.191 \times 10^{-5}$   
Coefficient:  $3.00 \times 10^0$   
Value: post\_ltx



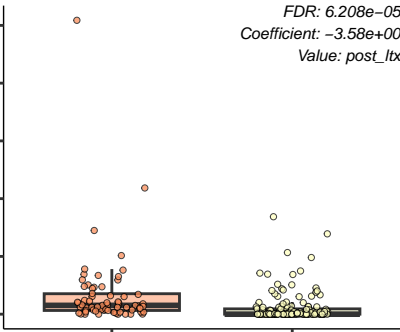
Christensenellaceae\_R.7\_group

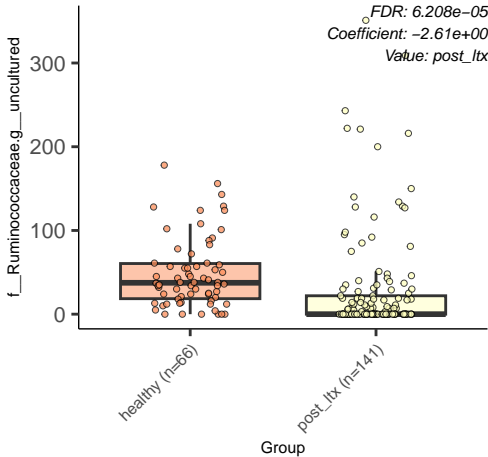
*FDR: 6.208e-05*  
*Coefficient: -3.58e+00*  
*Value: post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group





Odoribacter

600

200

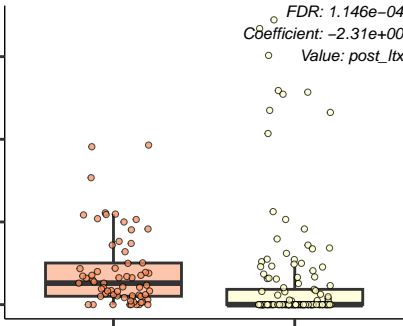
0

healthy (n=66)

post\_ltx (n=141)

Group

FDR: 1.146e-04  
Coefficient: -2.31e+00  
Value: post\_ltx



Clostridia\_UCG.014

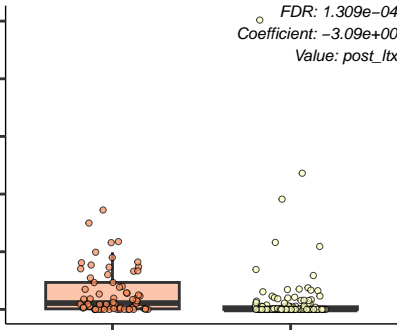
2500  
2000  
1500  
1000  
500  
0

*FDR: 1.309e-04*  
*Coefficient: -3.09e+00*  
*Value: post\_ltx*

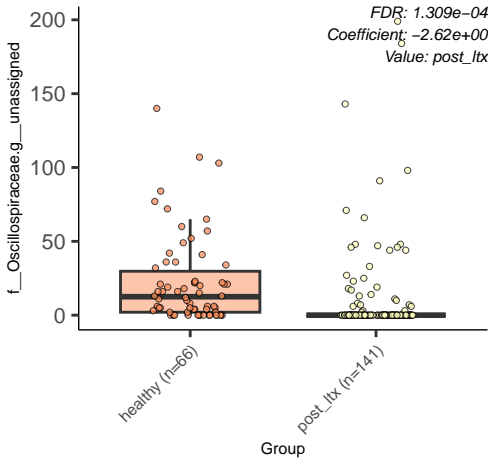
healthy (n=66)

post\_ltx (n=141)

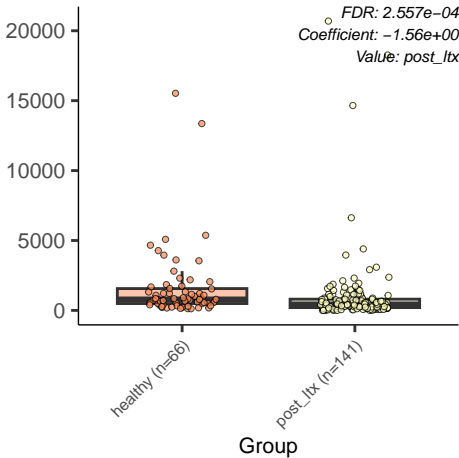
Group







Lachnoclostridium



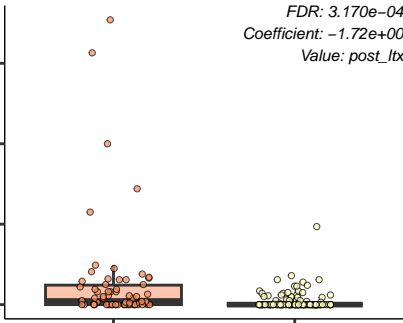
Adlercreutzia

FDR:  $3.170 \times 10^{-4}$   
Coefficient:  $-1.72 \times 10^0$   
Value: post\_ltx

healthy (n=66)

post\_ltx (n=141)

Group



Phascolarctobacterium

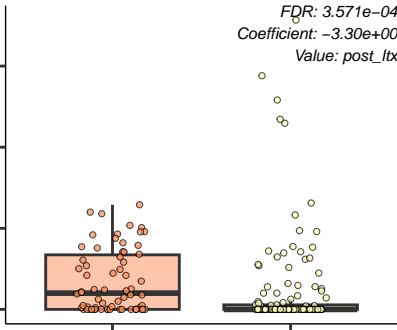
*FDR: 3.571e-04*  
*Coefficient: -3.30e+00*  
*Value: post\_ltx*

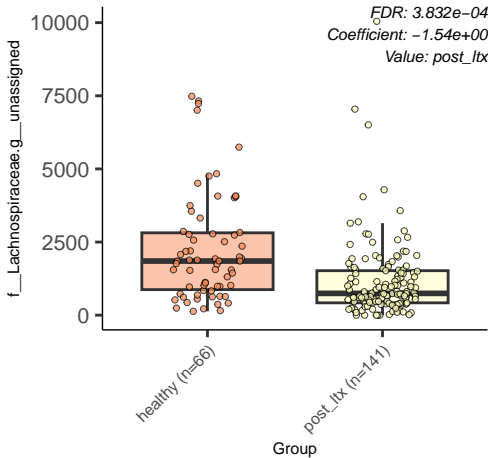
3000  
2000  
1000  
0

healthy (n=66)

post\_ltx (n=141)

Group





Romboutsia

FDR:  $3.832 \times 10^{-4}$

Coefficient:  $-2.29 \times 10^0$

Value: post\_ltx

1500

1000

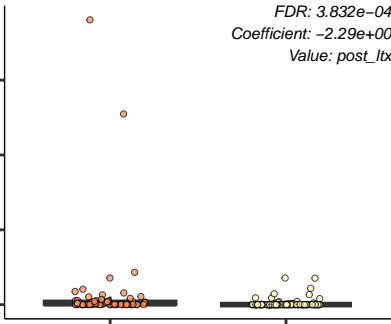
500

0

healthy (n=66)

post\_ltx (n=141)

Group



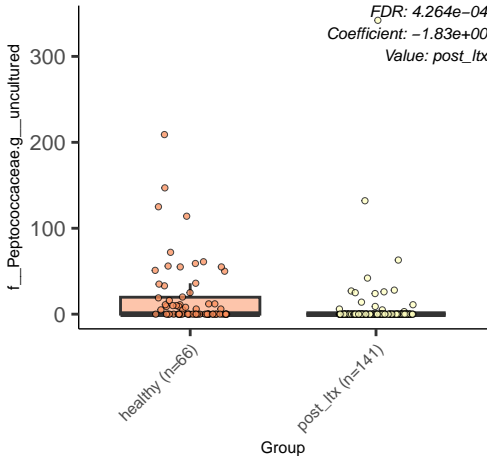
f\_\_Peptococcaceae.g\_\_uncultured

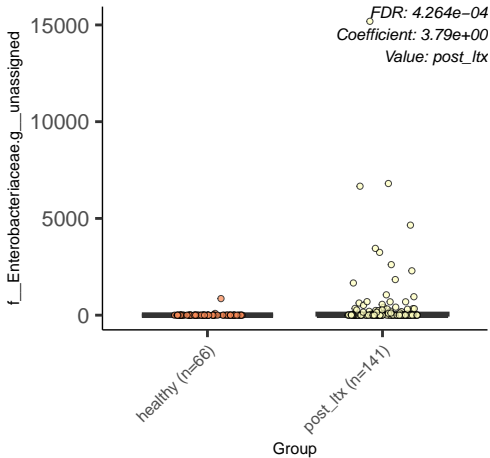
FDR: 4.264e-04  
Coefficient: -1.83e+00  
Value: post\_ltx

healthy (n=66)

post\_ltx (n=141)

Group







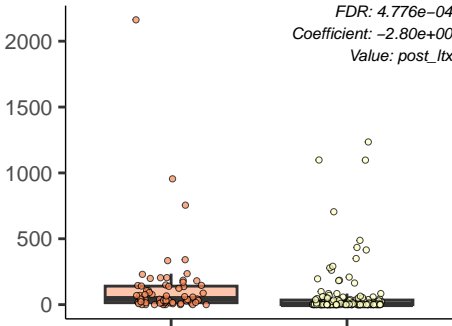
UCG.005

healthy (n=66)

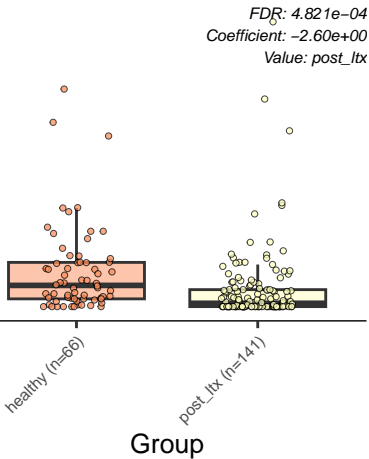
post\_ltx (n=141)

Group

FDR:  $4.776e-04$   
Coefficient:  $-2.80e+00$   
Value: post\_ltx



Intestinimonas



Ruminococcus

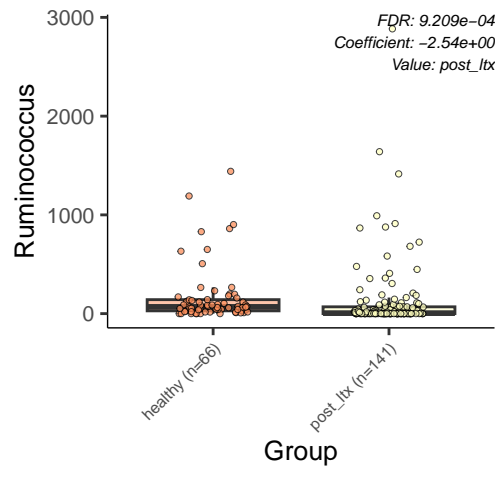
3000  
2000  
1000  
0

healthy (n=66)

post\_ltx (n=141)

Group

FDR:  $9.209 \times 10^{-4}$   
Coefficient:  $-2.54 \times 10^0$   
Value: post\_ltx



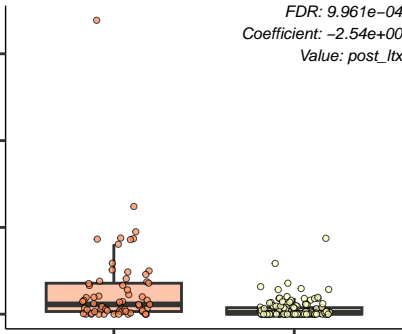
Erysipelotrichaceae\_UCG.003

FDR:  $9.961e-04$   
Coefficient:  $-2.54e+00$   
Value: *post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group



Family\_XIII\_UCG.001

FDR:  $1.008e-03$

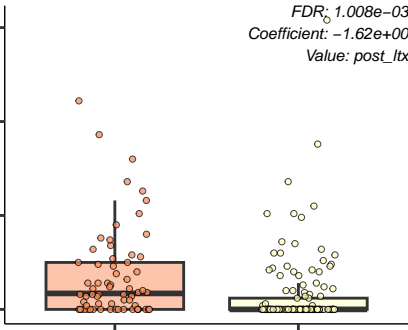
Coefficient:  $-1.62e+00$

Value: *post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group



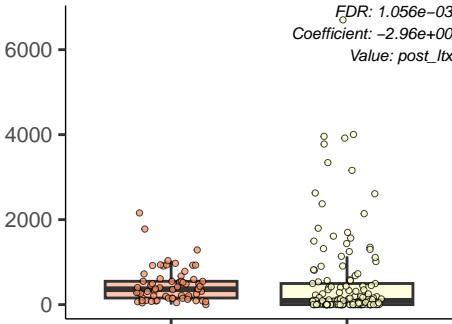
Parabacteroides

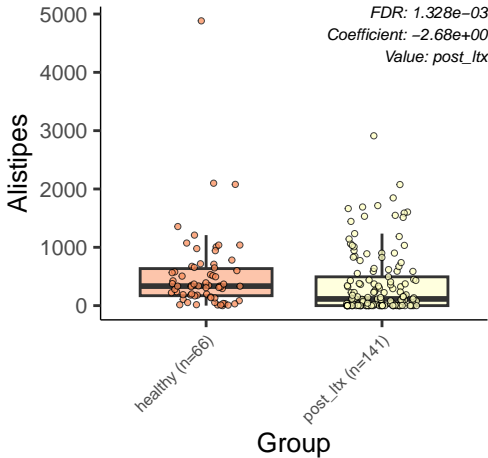
*FDR: 1.056e-03*  
*Coefficient: -2.96e+00*  
*Value: post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group





Coprococcus

*FDR: 1.349e-03*

*Coefficient: -2.60e+00*

*Value: post\_ltx*

3000

2000

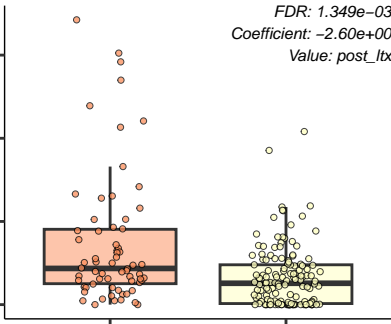
1000

0

healthy (n=66)

post\_ltx (n=141)

Group





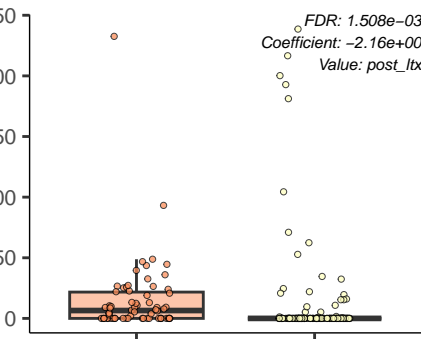
Gastranaerophilales

healthy (n=66)

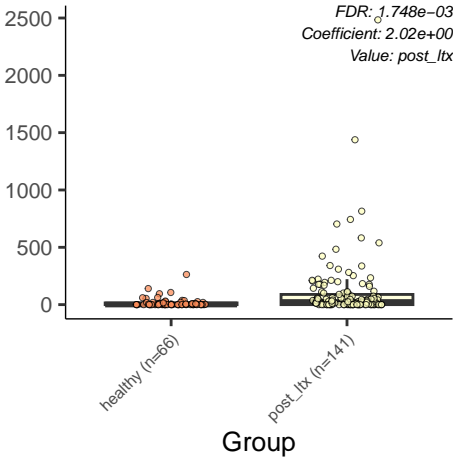
post\_ltx (n=141)

Group

FDR:  $1.508e-03$   
Coefficient:  $-2.16e+00$   
Value: post\_ltx



Haemophilus



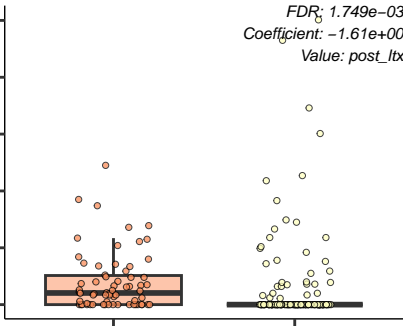
Butyricimonas

healthy (n=66)

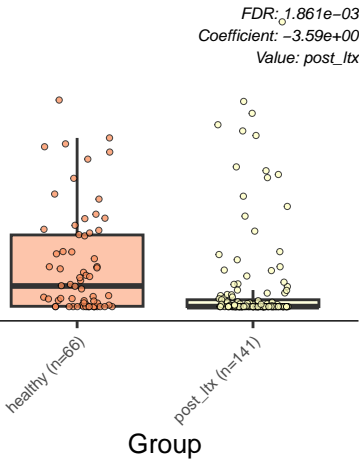
post\_ltx (n=141)

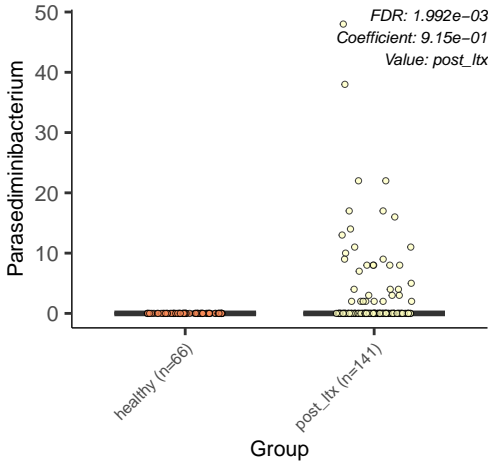
Group

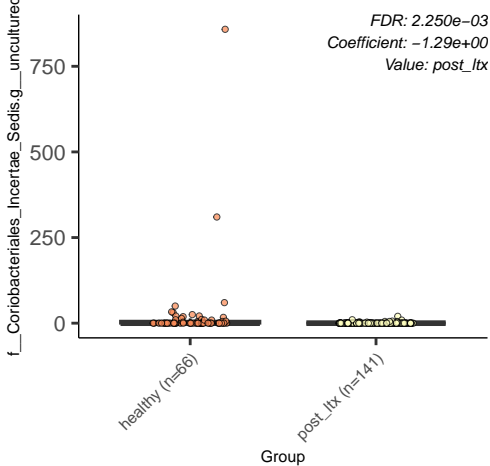
FDR:  $1.749 \times 10^{-3}$   
Coefficient:  $-1.61 \times 10^0$   
Value: post\_ltx



Barnesiella







Family\_XIII\_AD3011\_group

200

100

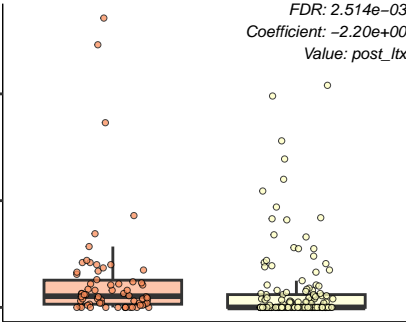
0

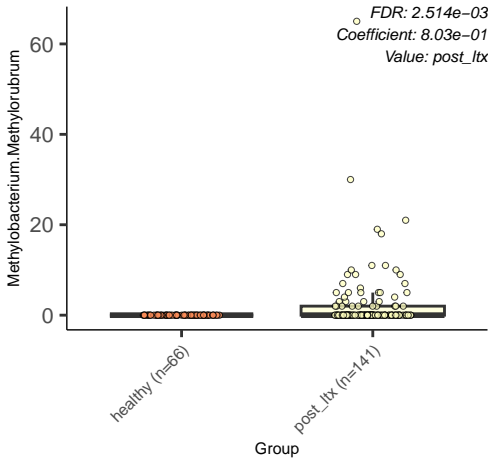
healthy (n=66)

post\_ltx (n=141)

Group

FDR: 2.514e-03  
Coefficient: -2.20e+00  
Value: post\_ltx







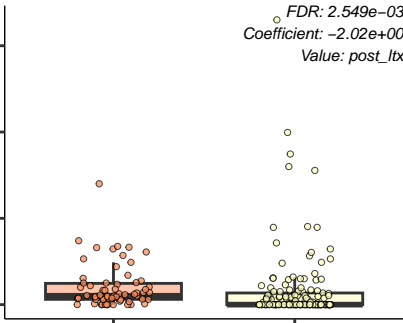
GCA.900066575

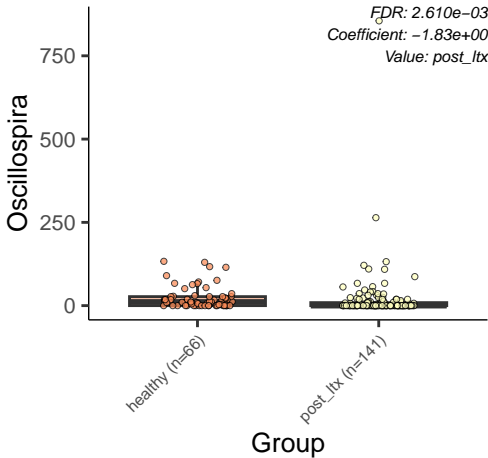
FDR: 2.549e-03  
Coefficient: -2.02e+00  
Value: post\_ltx

healthy (n=66)

post\_ltx (n=141)

Group





Candidatus\_Soleaferrea

FDR: 2.610e-03

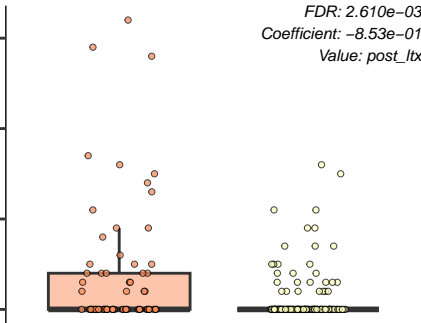
Coefficient: -8.53e-01

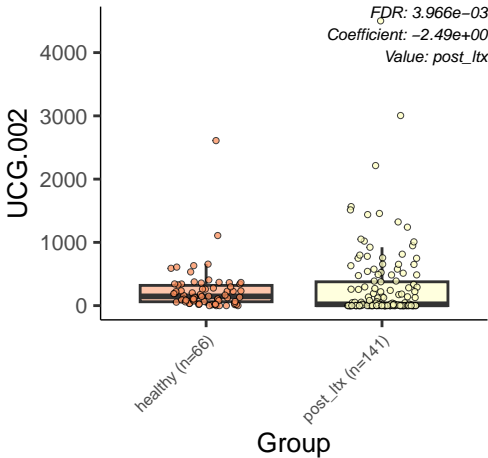
Value: post\_ltx

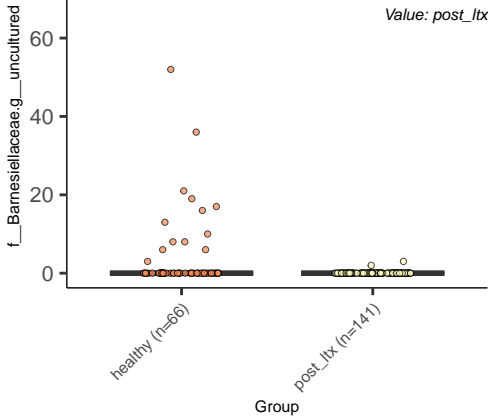
healthy (n=66)

post\_ltx (n=141)

Group







Veillonella

1000

500

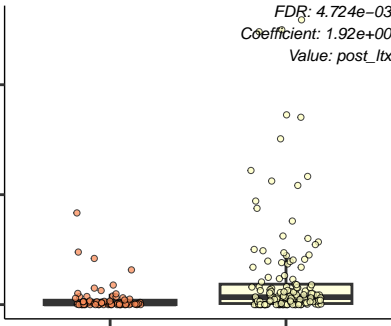
0

healthy (n=66)

post\_ltx (n=141)

Group

FDR:  $4.724e-03$   
Coefficient:  $1.92e+00$   
Value: post\_ltx



Marvinbryantia

400

200

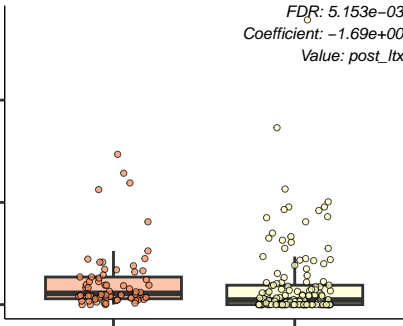
0

healthy (n=66)

post\_ltx (n=141)

Group

*FDR: 5.153e-03*  
*Coefficient: -1.69e+00*  
*Value: post\_ltx*



Bilophila

900

600

300

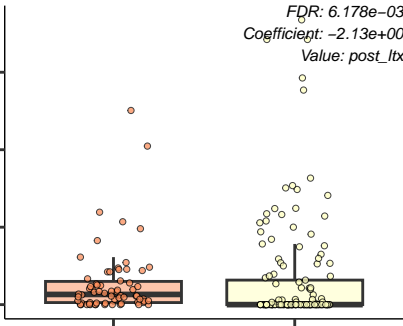
0

healthy (n=66)

post\_ltx (n=141)

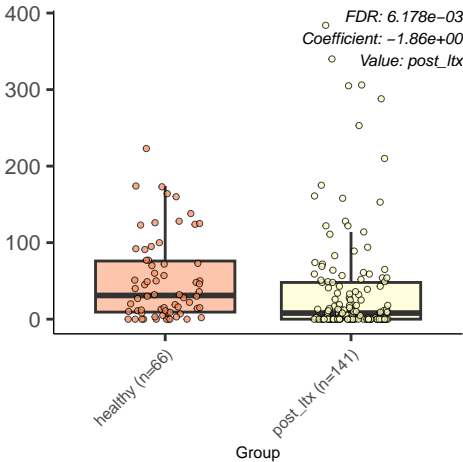
Group

FDR:  $6.178e-03$   
Coefficient:  $-2.13e+00$   
Value: post\_ltx





f\_\_Oscillospiraceae.g\_\_uncultured



Escherichia.Shigella

FDR:  $6.178 \times 10^{-3}$   
Coefficient:  $3.03 \times 10^0$   
Value: post\_ltx

healthy (n=66)

post\_ltx (n=141)

Group

40000

30000

20000

10000

0

Streptococcus

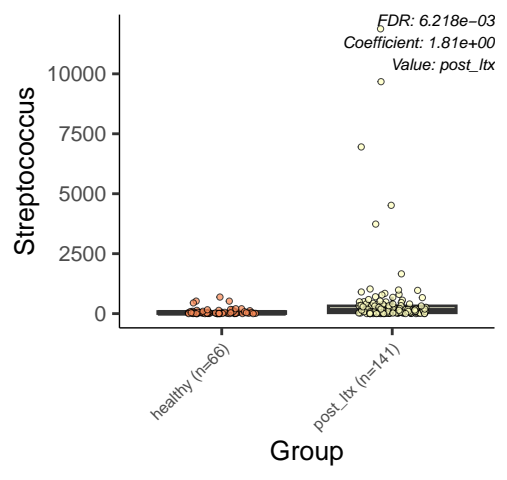
10000  
7500  
5000  
2500  
0

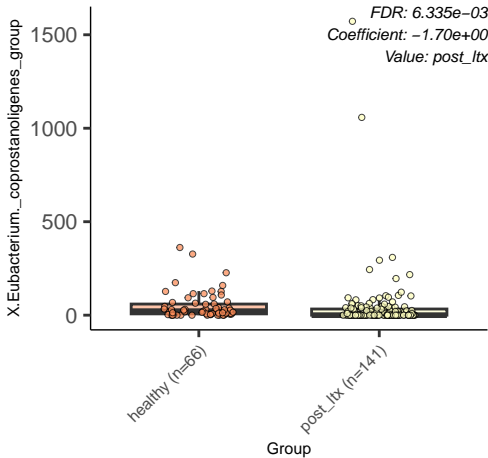
healthy (n=66)

post\_ltx (n=141)

Group

FDR:  $6.218 \times 10^{-3}$   
Coefficient:  $1.81 \times 10^0$   
Value: post\_ltx





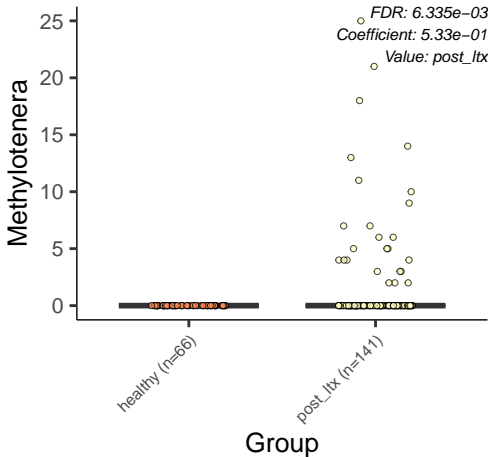
Methylotenera

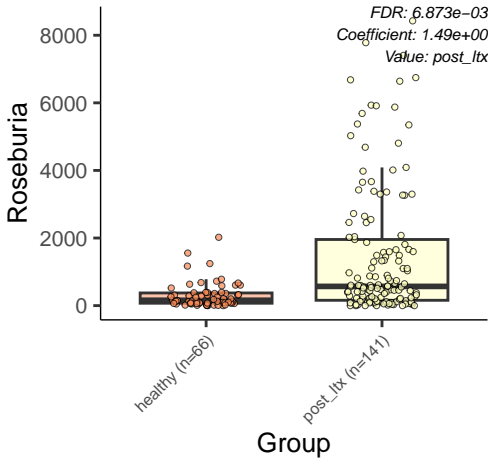
healthy (n=66)

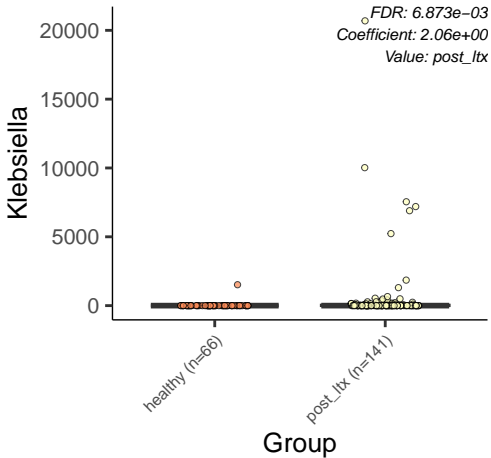
post\_ltx (n=141)

Group

FDR:  $6.335e-03$   
Coefficient:  $5.33e-01$   
Value: post\_ltx









FDR: 6.960e-03

Coefficient: 5.63e-01

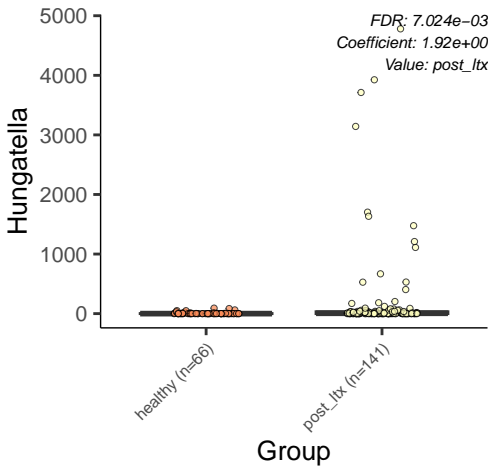
Value: *post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group





Senegalimassilia

*FDR: 7.106e-03*

*Coefficient: -1.65e+00*

*Value: post\_ltx*

400

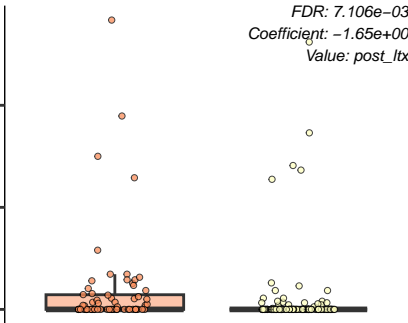
200

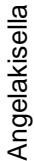
0

healthy (n=66)

post\_ltx (n=141)

Group





*FDR: 7.106e-03*

Coefficient:  $-3.11e-01$

Value: *post\_ltx*



Group

Holdemia

100

50

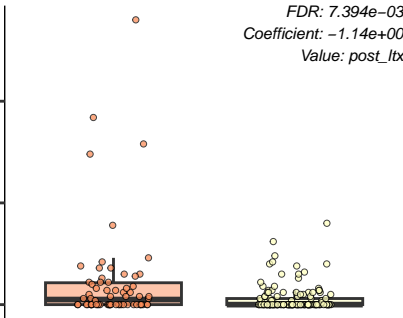
0

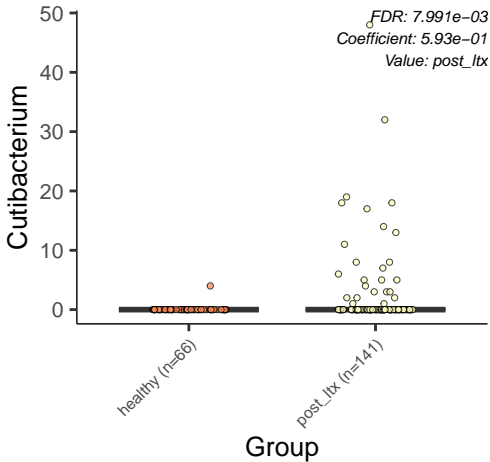
healthy (n=66)

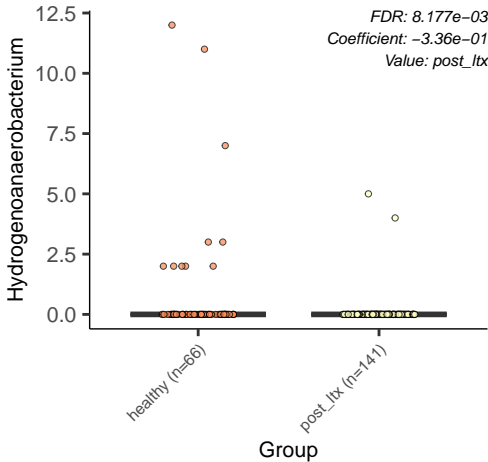
post\_ltx (n=141)

Group

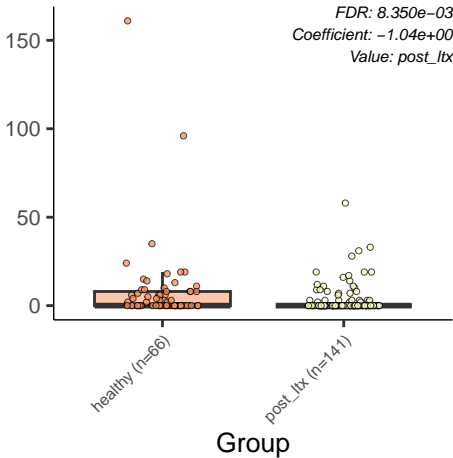
FDR:  $7.394e-03$   
Coefficient:  $-1.14e+00$   
Value: post\_ltx







Anaerotruncus



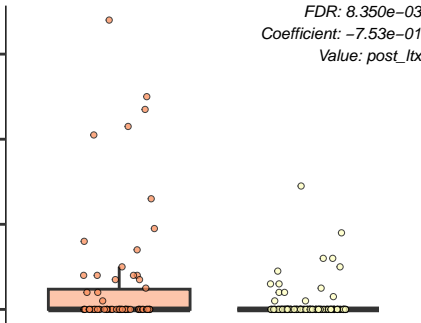
Pseudoflavonifractor

FDR:  $8.350e-03$   
Coefficient:  $-7.53e-01$   
Value: *post\_ltx*

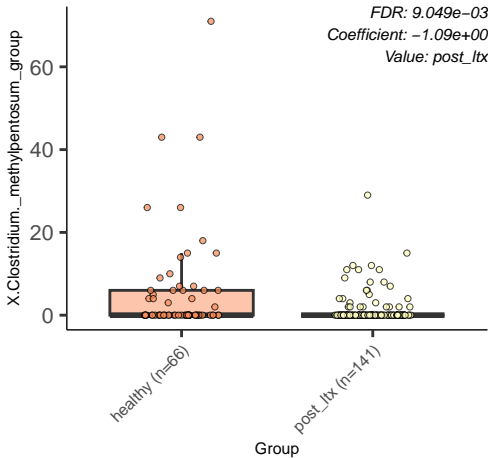
healthy (n=66)

post\_ltx (n=141)

Group







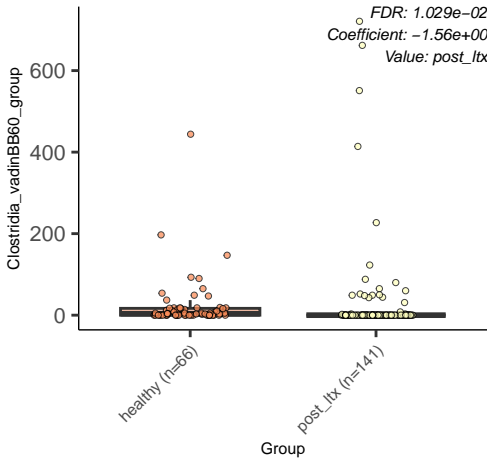
Clostridia\_vadinBB60\_group

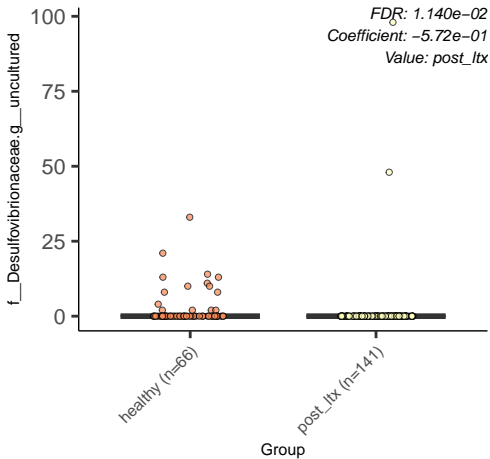
FDR:  $1.029 \times 10^{-2}$   
Coefficient:  $-1.56 \times 10^0$   
Value: post\_ltx

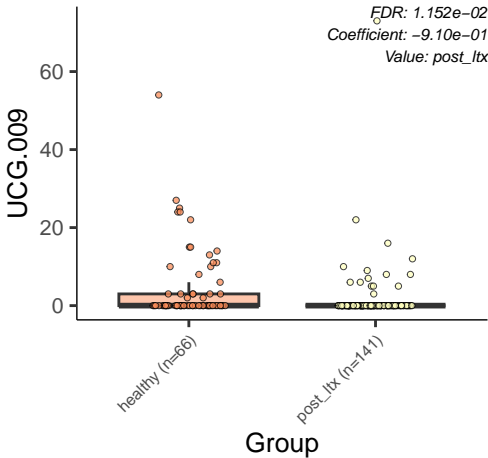
healthy (n=66)

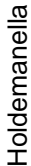
post\_ltx (n=141)

Group









*FDR: 1.450e-02*

Coefficient:  $-1.06e+00$

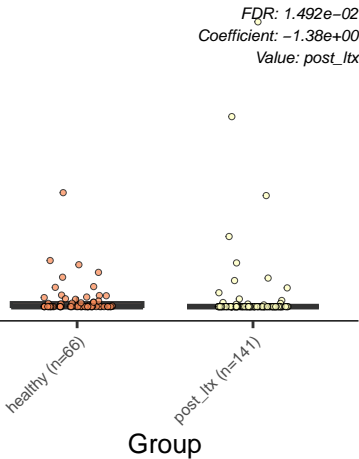
Value: *post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group

Muribaculaceae



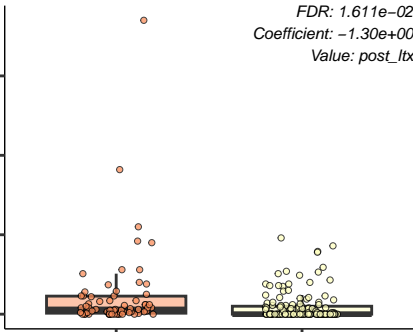
X.Eubacterium.\_ventriosum\_group

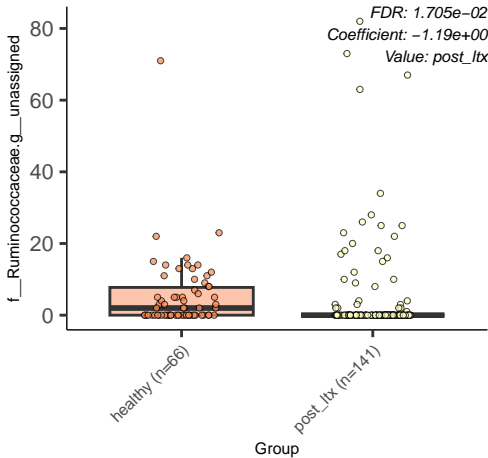
FDR: 1.611e-02  
Coefficient: -1.30e+00  
Value: post\_ltx

healthy (n=66)

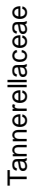
post\_ltx (n=141)

Group









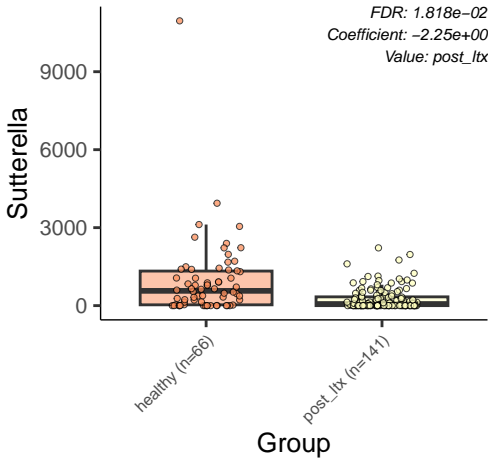
*FDR: 1.705e-02*

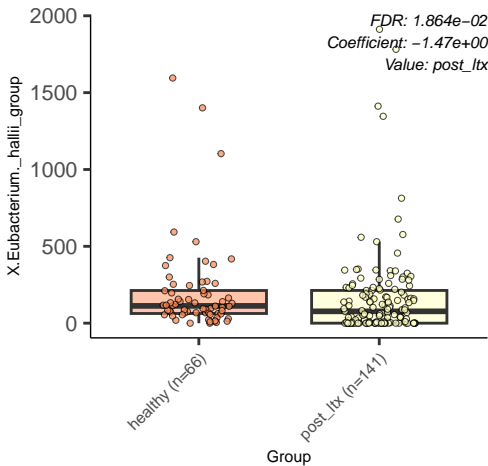
Coefficient:  $-9.43e-01$

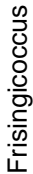
Value: `post_ltx`



Group







*FDR*: 2.039e-02

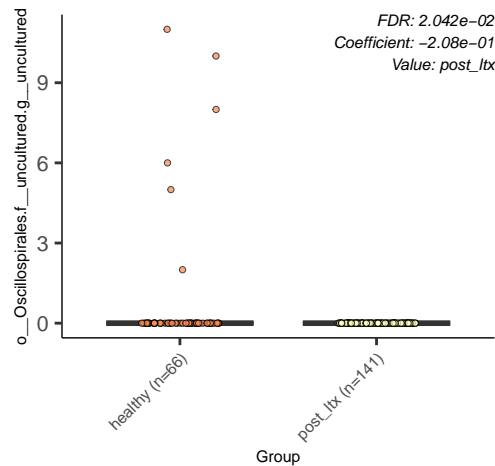
Coefficient:  $-7.84e-01$

Value: `post_ltx`

healthy (n=66)

post\_ltx (n=141)

Group



Collinsella

FDR: 2.906e-02

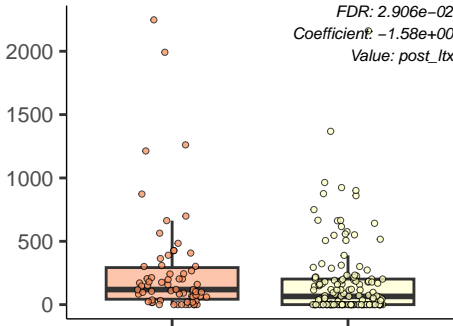
Coefficient: -1.58e+00

Value: post\_ltx

healthy (n=66)

post\_ltx (n=141)

Group



Oscillibacter

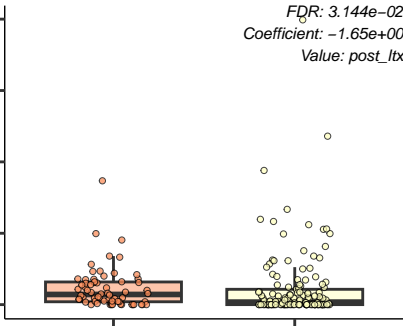
800  
600  
400  
200  
0

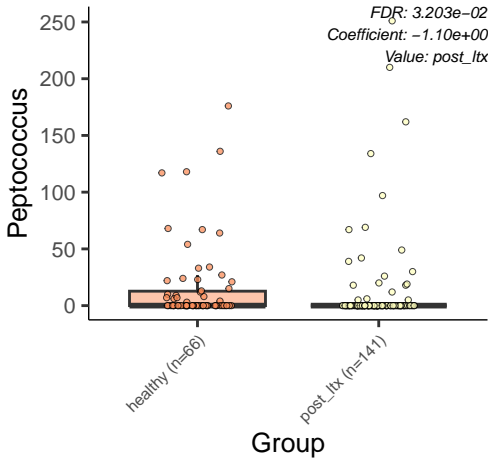
healthy (n=66)

post\_ltx (n=141)

Group

*FDR: 3.144e-02*  
*Coefficient: -1.65e+00*  
*Value: post\_ltx*







Lachnospiraceae\_NK4A136\_group

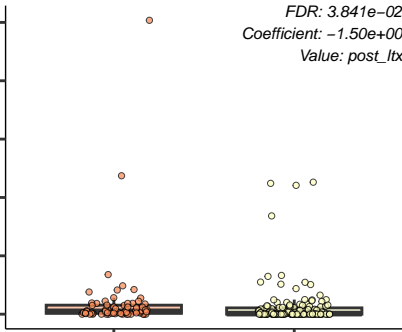
2500  
2000  
1500  
1000  
500  
0

*FDR: 3.841e-02*  
*Coefficient: -1.50e+00*  
*Value: post\_ltx*

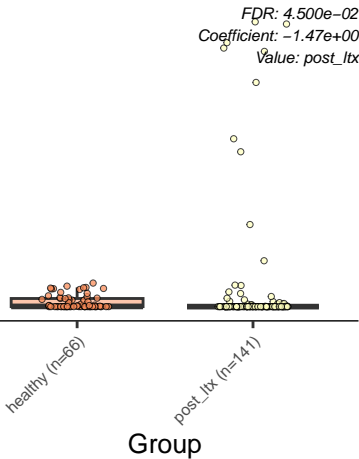
healthy (n=66)

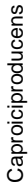
post\_ltx (n=141)

Group



Coprobacter





*FDR: 4.500e-02*

Coefficient:  $-4.72e-01$

Value: *post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group

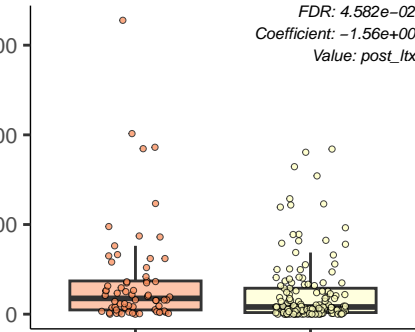
X.Ruminococcus\_torques\_group

*FDR: 4.582e-02*  
*Coefficient: -1.56e+00*  
*Value: post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group



f\_Eggerthellaceae.g\_\_uncultured

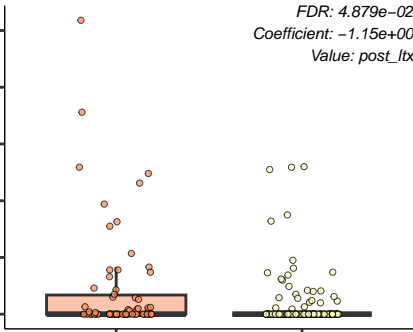
500  
400  
300  
200  
100  
0

*FDR: 4.879e-02*  
*Coefficient: -1.15e+00*  
*Value: post\_ltx*

healthy (n=66)

post\_ltx (n=141)

Group



Negativibacillus

healthy (n=66)

post\_ltx (n=141)

Group

FDR:  $4.879e-02$   
Coefficient:  $-1.13e+00$   
Value: post\_ltx

