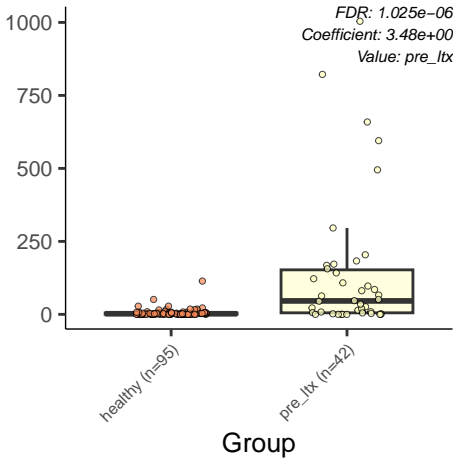
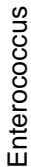


Veillonella





FDR: 1.025e-06  
Coefficient: 4.45e+00  
Value: pre\_ltx

healthy (n=95)

pre\_ltx (n=42)

Group

Parabacteroides

*FDR: 6.379e-06*

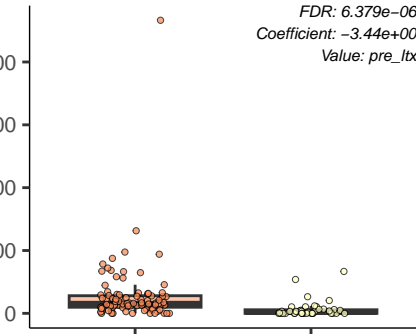
*Coefficient: -3.44e+00*

*Value: pre\_ltx*

healthy (n=95)

pre\_ltx (n=42)

Group



Coprococcus

*FDR: 2.169e-05*

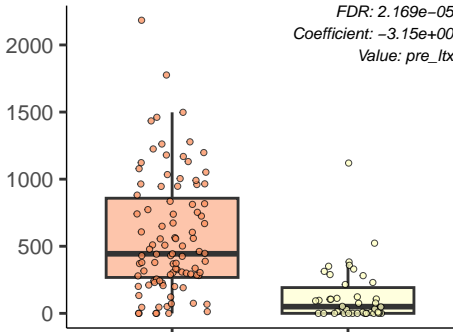
*Coefficient: -3.15e+00*

*Value: pre\_ltx*

healthy (n=95)

pre\_ltx (n=42)

Group



Clostridia\_UCG.014

FDR:  $2.446e-05$

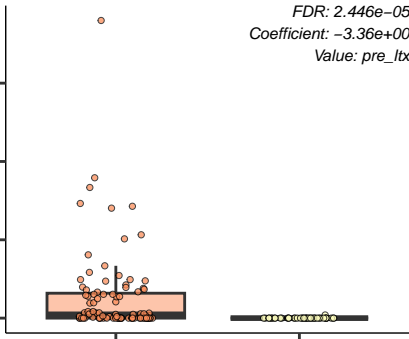
Coefficient:  $-3.36e+00$

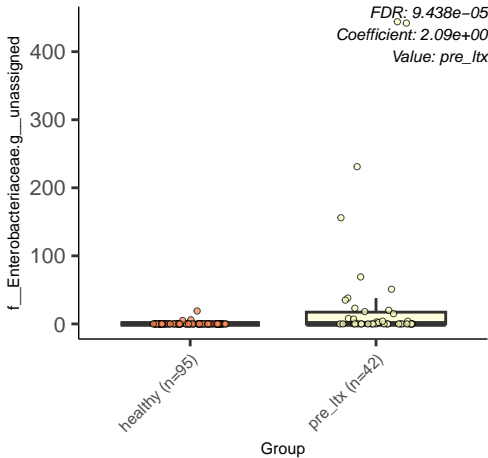
Value: *pre\_ltx*

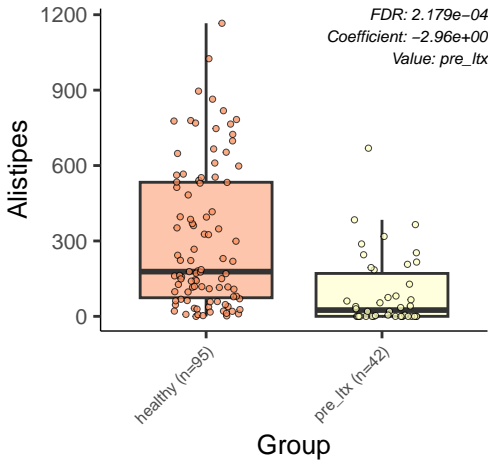
healthy (n=95)

pre\_ltx (n=42)

Group









Erysipelotrichaceae\_UCG.003

*FDR: 2.289e-04*  
*Coefficient: -3.12e+00*  
*Value: pre\_ltx*

2000

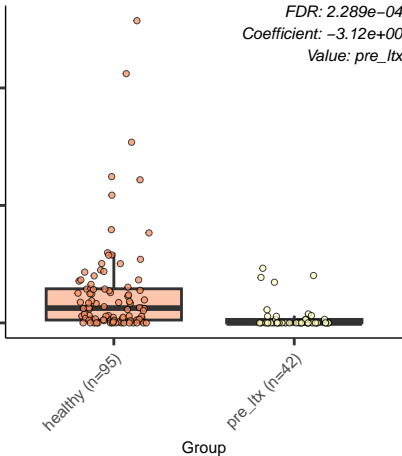
1000

0

healthy (n=95)

pre\_ltx (n=42)

Group



Barnesiella

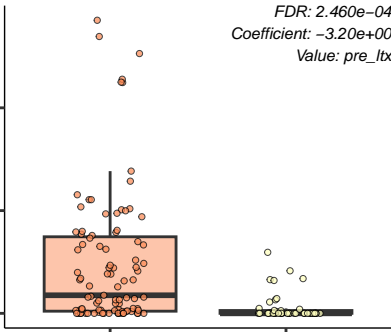
healthy (n=95)

pre\_ltx (n=42)

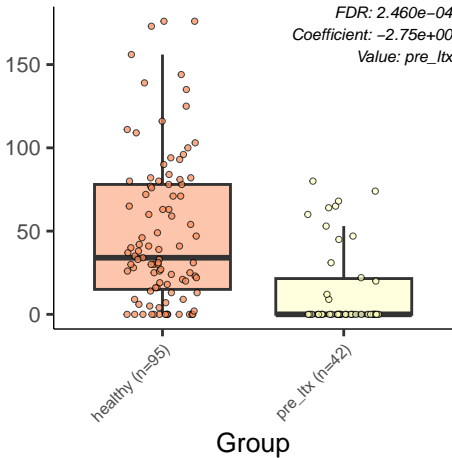
Group

*FDR: 2.460e-04*  
*Coefficient: -3.20e+00*  
*Value: pre\_ltx*

1000  
500  
0



Bilophila



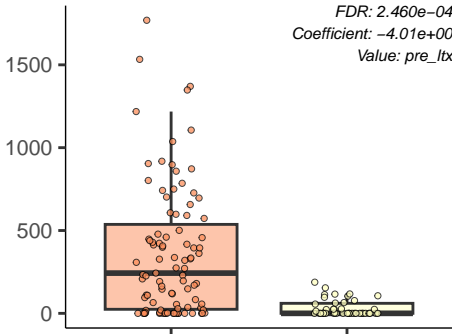
Sutterella

healthy (n=95)

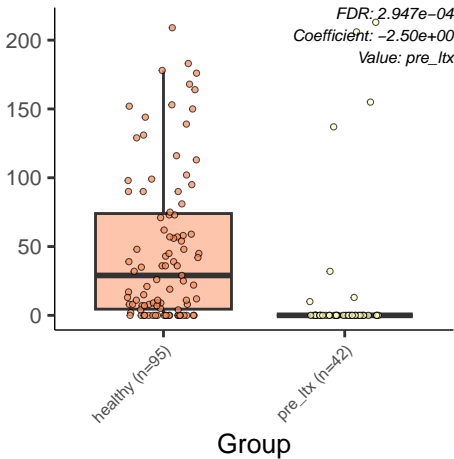
pre\_ltx (n=42)

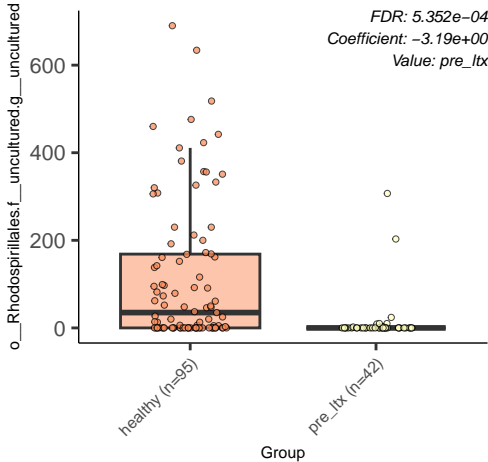
Group

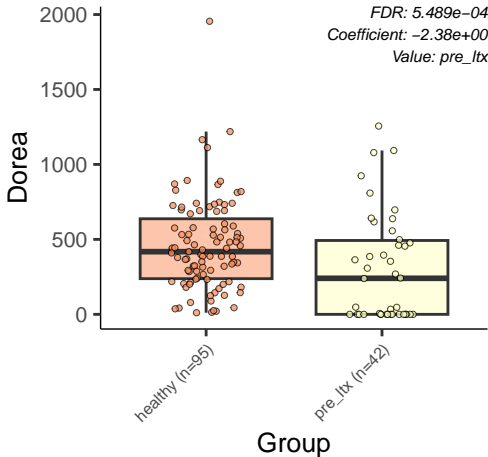
*FDR: 2.460e-04*  
*Coefficient: -4.01e+00*  
*Value: pre\_ltx*

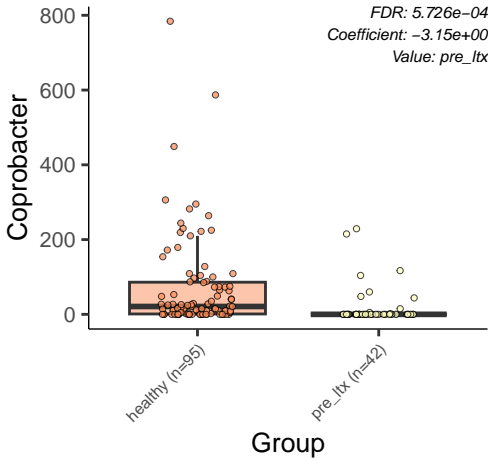


Butyricimonas











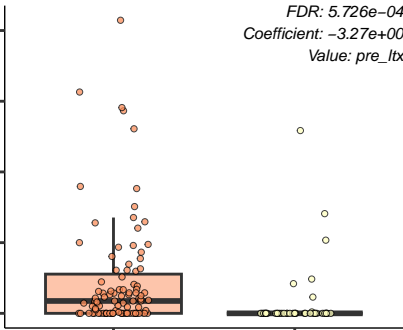
CAG.56

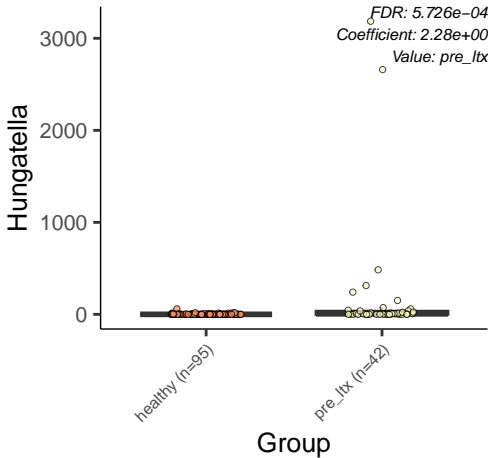
FDR:  $5.726e-04$   
Coefficient:  $-3.27e+00$   
Value: *pre\_ltx*

healthy (n=95)

pre\_ltx (n=42)

Group





X.Ruminococcus.\_torques\_group

*FDR: 7.703e-04*  
*Coefficient: -2.62e+00*  
*Value: pre\_ltx*

10000

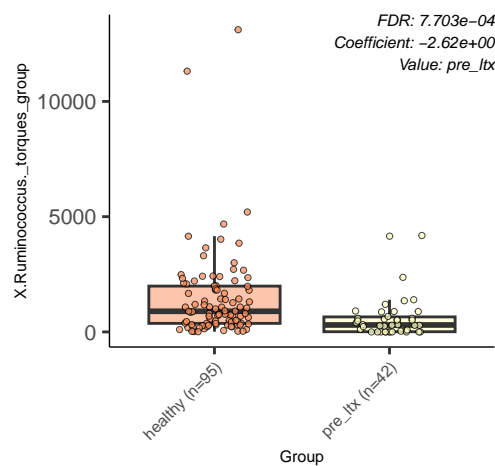
5000

0

healthy (n=95)

pre\_ltx (n=42)

Group



Collinsella

healthy (n=95)

pre\_ltx (n=42)

Group

FDR:  $8.745e-04$   
Coefficient:  $-3.42e+00$   
Value: pre\_ltx

3000

2000

1000

0

Senegalimassilia

FDR:  $8.745e-04$

Coefficient:  $-2.78e+00$

Value: *pre\_ltx*

300

200

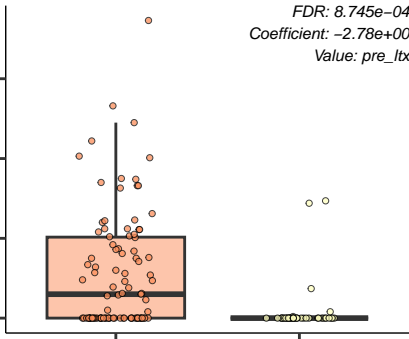
100

0

healthy (n=95)

pre\_ltx (n=42)

Group



GCA.900066575

100

50

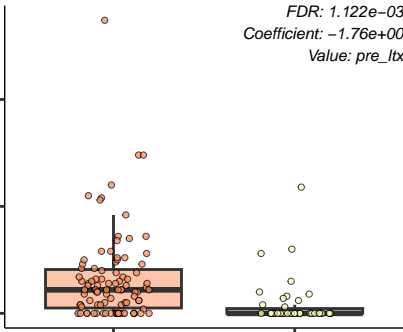
0

healthy (n=95)

pre\_ltx (n=42)

Group

*FDR: 1.122e-03*  
*Coefficient: -1.76e+00*  
*Value: pre\_ltx*



Lachnospiraceae\_UCG.010

FDR: 2.105e-03

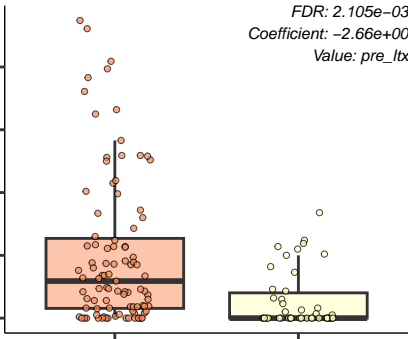
Coefficient: -2.66e+00

Value: pre\_ltx

healthy (n=95)

pre\_ltx (n=42)

Group



Faecalibacterium

*FDR: 2.108e-03*

*Coefficient: -2.38e+00*

*Value: pre\_ltx*

7500

5000

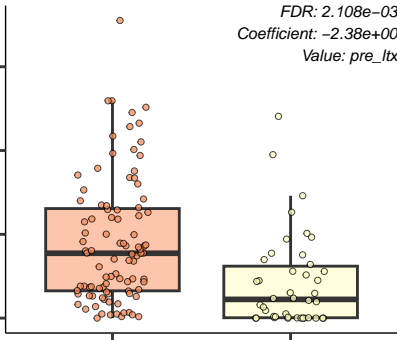
2500

0

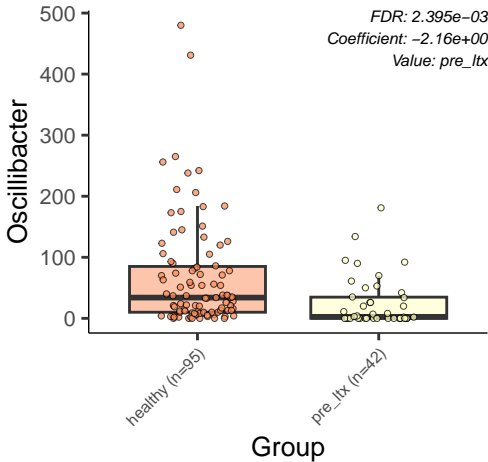
healthy (n=95)

pre\_ltx (n=42)

Group







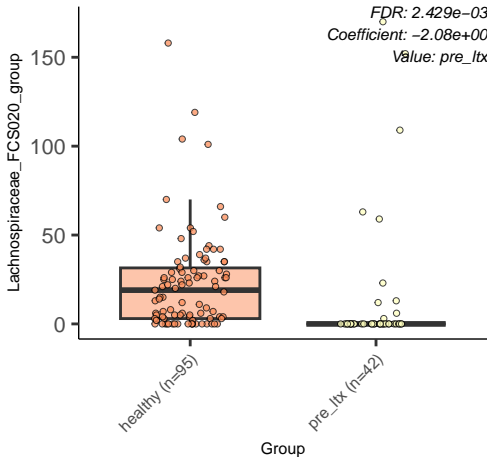
Lachnospiraceae\_FCS020\_group

*FDR: 2.429e-03*  
*Coefficient: -2.08e+00*  
*Value: pre\_ltx*

healthy (n=95)

pre\_ltx (n=42)

Group



Bacteroides

10000

5000

0

healthy (n=95)

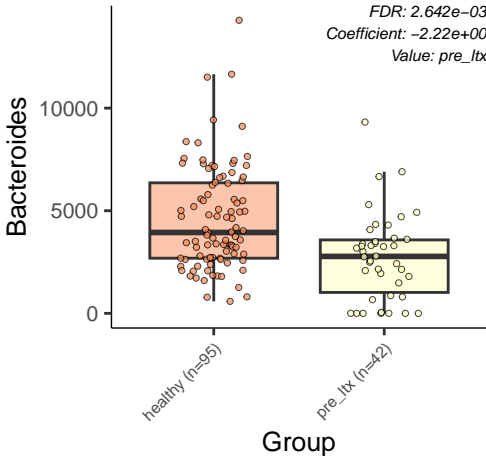
pre\_ltx (n=42)

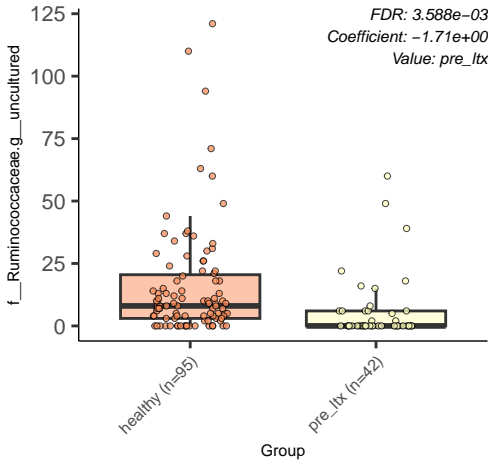
Group

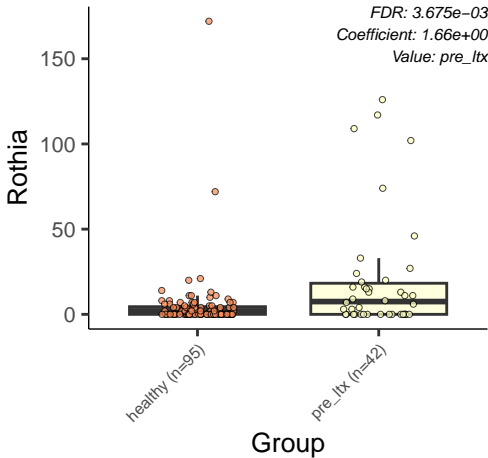
FDR: 2.642e-03

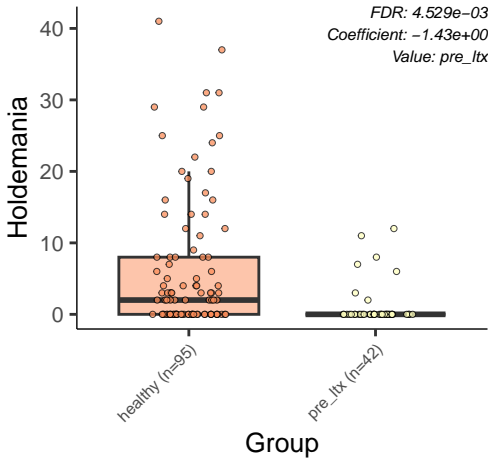
Coefficient: -2.22e+00

Value: pre\_ltx









f\_Lachnospiraceae.g\_\_unassigned

FDR:  $6.054e-03$   
Coefficient:  $-1.90e+00$   
Value: *pre\_ltx*

4000

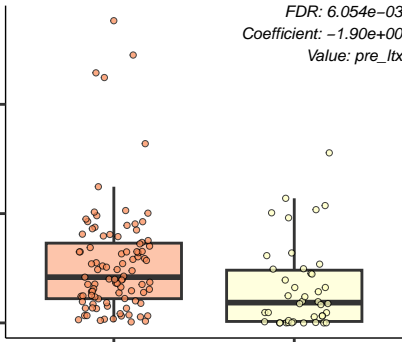
2000

0

healthy (n=95)

pre\_ltx (n=42)

Group



f\_Oscillospiraceae.g\_\_uncultured

FDR:  $7.076e-03$   
Coefficient:  $-2.17e+00$   
Value: pre\_ltx

200

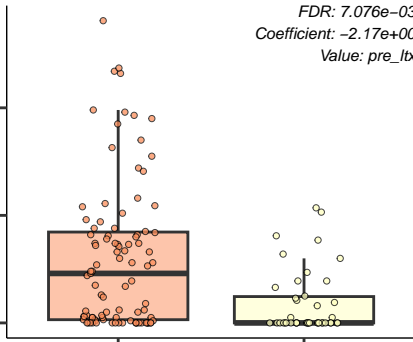
100

0

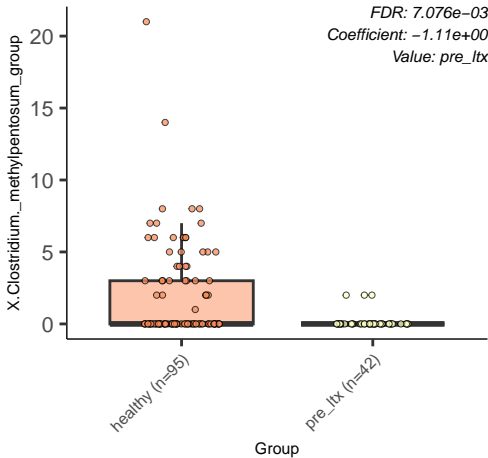
healthy (n=95)

pre\_ltx (n=42)

Group







Holdemanella

FDR:  $7.774e-03$

Coefficient:  $-1.61e+00$

Value: *pre\_ltx*

600

400

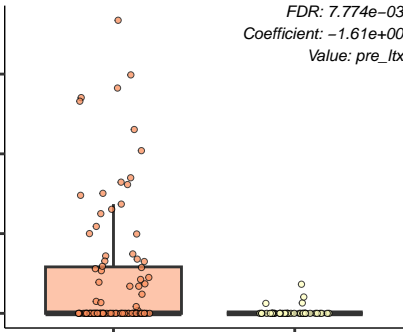
200

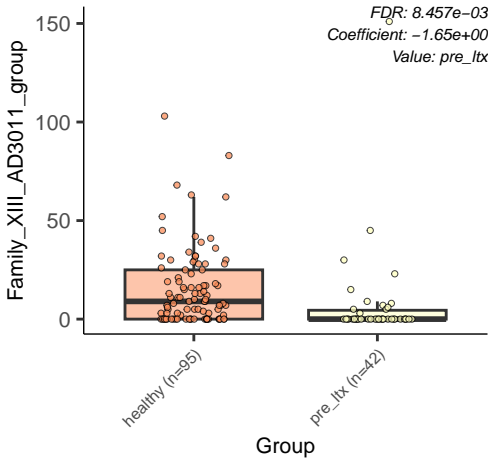
0

healthy (n=95)

pre\_ltx (n=42)

Group





Intestinimonas

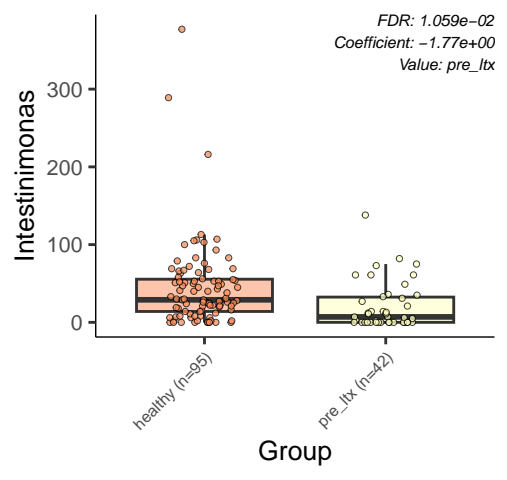
healthy (n=95)

pre\_ltx (n=42)

Group

FDR:  $1.059\text{e-}02$   
Coefficient:  $-1.77\text{e}+00$   
Value: *pre\_ltx*

300  
200  
100  
0



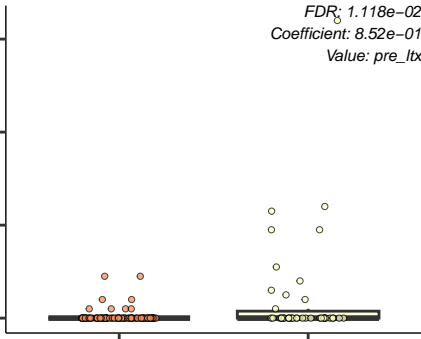
Lactaseibacillus

*FDR: 1.118e-02*  
*Coefficient: 8.52e-01*  
*Value: pre\_ltx*

healthy (n=95)

pre\_ltx (n=42)

Group



Flavonifractor

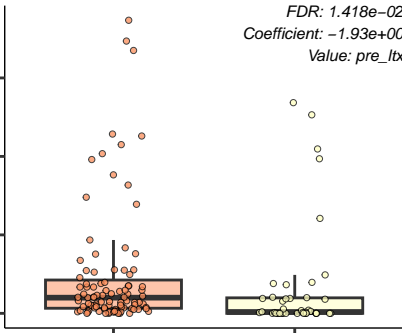
600  
400  
200  
0

healthy (n=95)

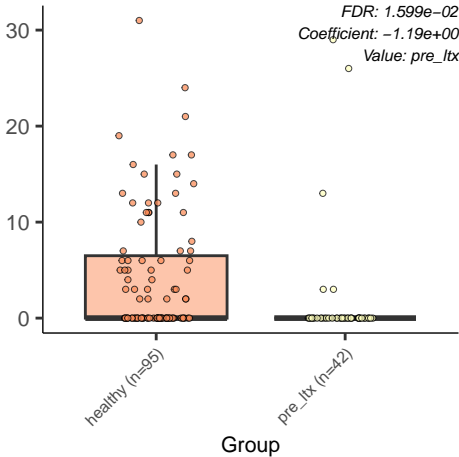
pre\_ltx (n=42)

Group

*FDR: 1.418e-02*  
*Coefficient: -1.93e+00*  
*Value: pre\_ltx*



Family\_XIII\_UCG.001



Sphingobium

FDR: 1.666e-02  
Coefficient: 4.21e-01  
Value: pre\_ltx

20

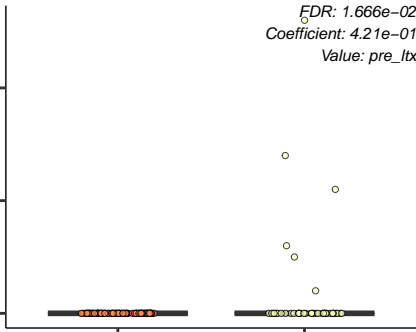
10

0

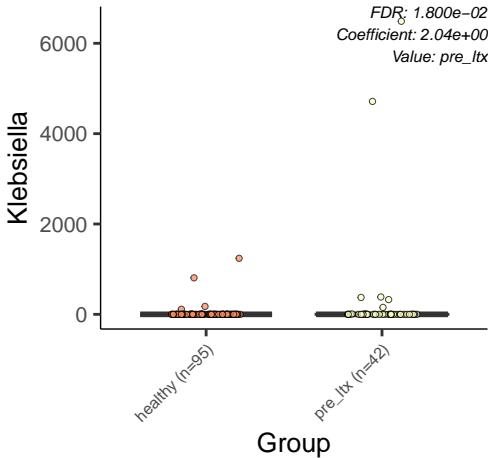
healthy (n=95)

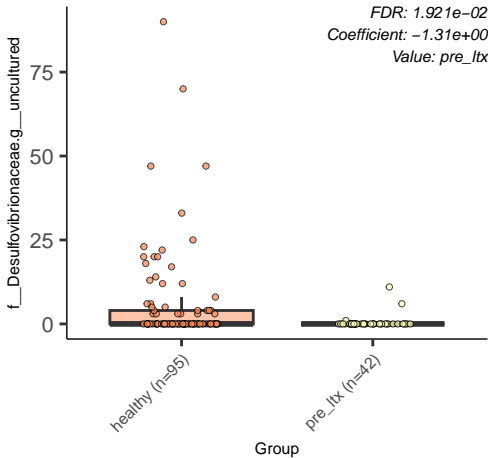
pre\_ltx (n=42)

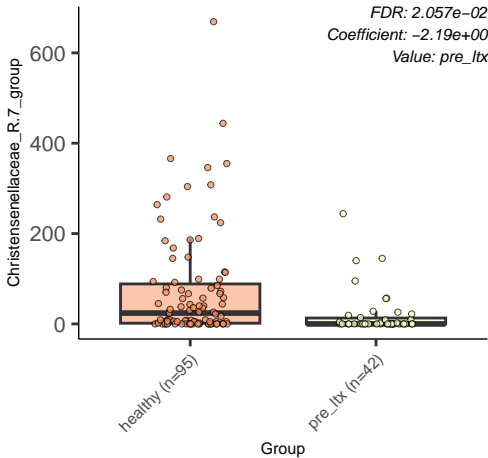
Group









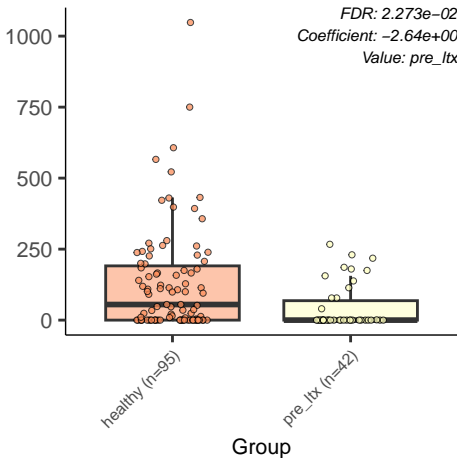


Phascolarctobacterium

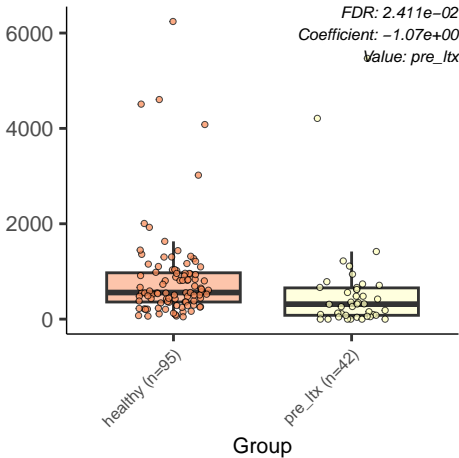
FDR: 2.273e-02

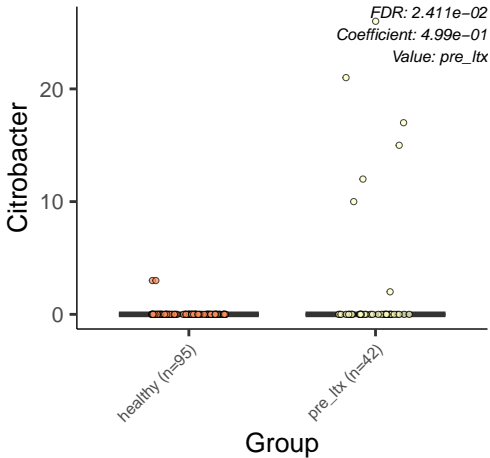
Coefficient: -2.64e+00

Value: pre\_ltx

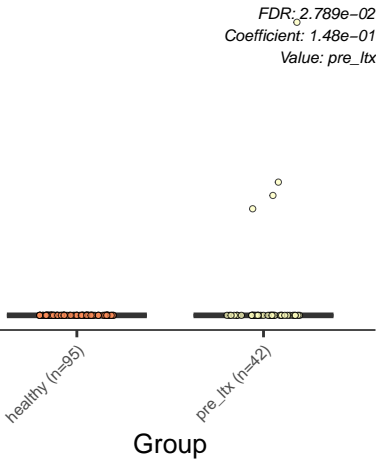


Lachnoclostridium





Porphyrromonas



Fusicatenibacter

*FDR: 3.615e-02*

*Coefficient: -1.51e+00*

*Value: pre\_ltx*

1000

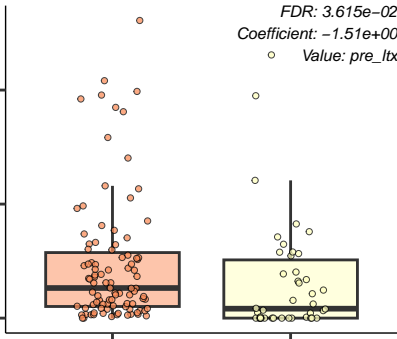
500

0

healthy (n=95)

pre\_ltx (n=42)

Group





X.Eubacterium.\_hallii\_group

800  
600  
400  
200  
0

healthy (n=95)

pre\_ltx (n=42)

Group

FDR:  $3.615 \times 10^{-2}$   
Coefficient:  $-1.56 \times 10^0$   
Value: pre\_ltx

