

Odoribacter

600

200

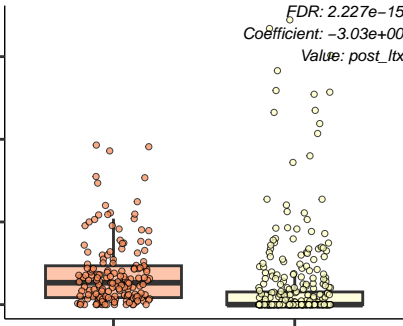
0

healthy (n=161)

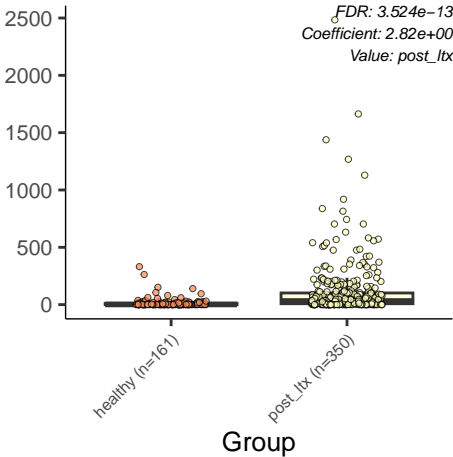
post_ltx (n=350)

Group

FDR: 2.227×10^{-15}
Coefficient: -3.03×10^0
Value: post_ltx



Haemophilus



Intestinimonas

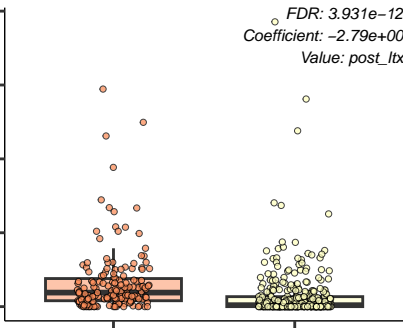
800
600
400
200
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: $3.931\text{e-}12$
Coefficient: $-2.79\text{e}+00$
Value: post_ltx



Veillonella

2000

1000

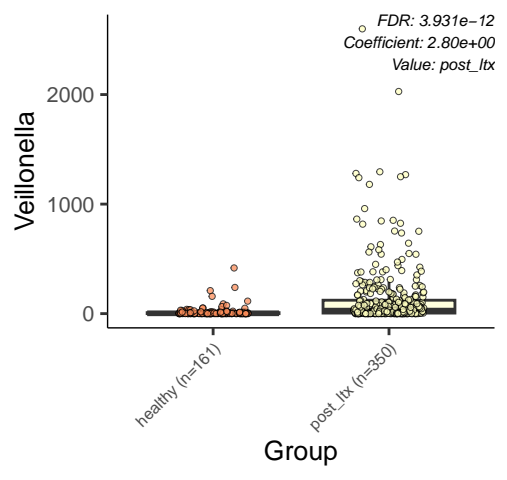
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: $3.931e-12$
Coefficient: $2.80e+00$
Value: post_ltx



Colidextribacter

FDR: 2.526e-10

Coefficient: -2.76e+00

Value: post_ltx

1500

1000

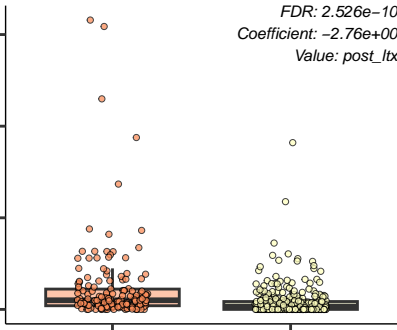
500

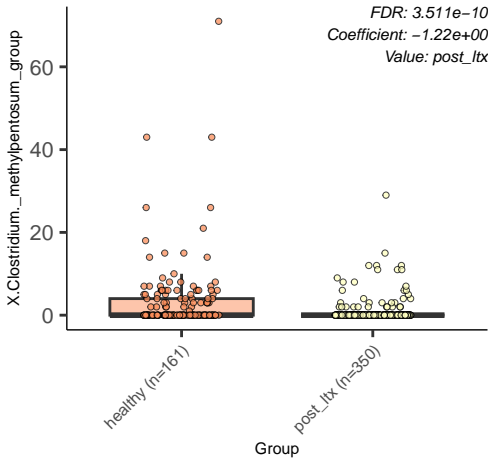
0

healthy (n=161)

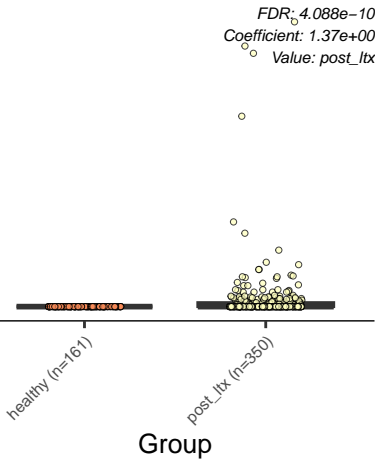
post_ltx (n=350)

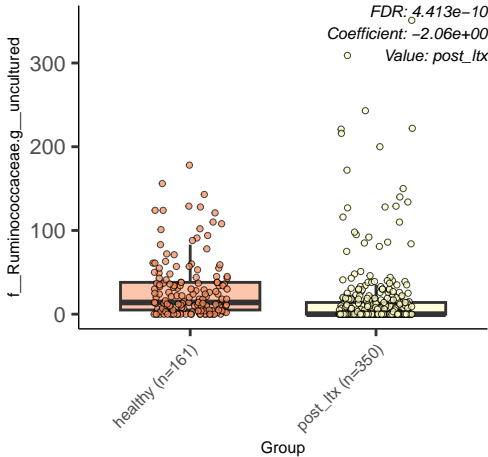
Group

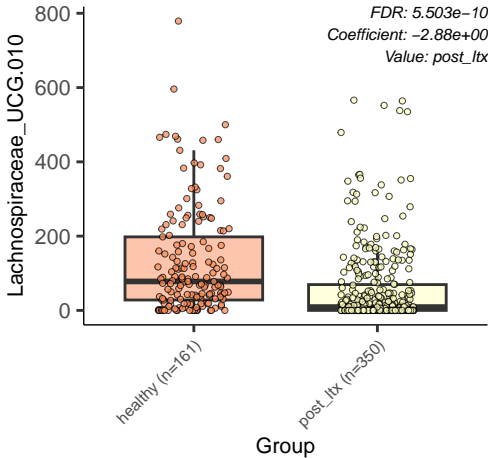




Spingobium







Family_XIII_UCG.001

FDR: 1.155e-09

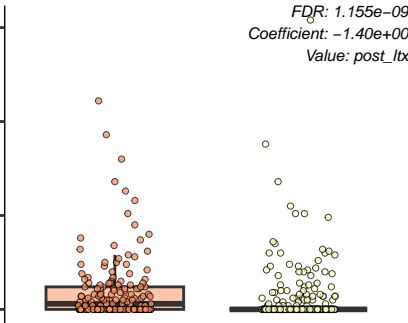
Coefficient: -1.40e+00

Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Lachnoclostridium

20000

15000

10000

5000

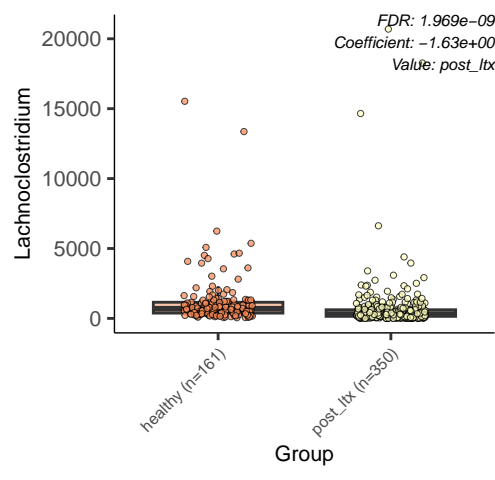
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: 1.969e-09
Coefficient: -1.63e+00
Value: post_ltx



Clostridia_UCG.014

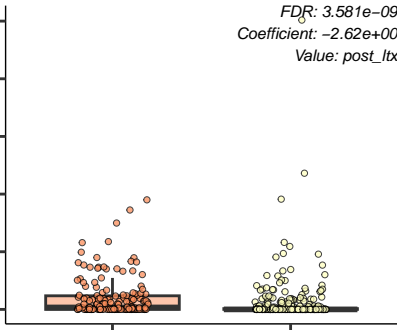
2500
2000
1500
1000
500
0

FDR: 3.581e-09
Coefficient: -2.62e+00
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Christensenellaceae_R.7_group

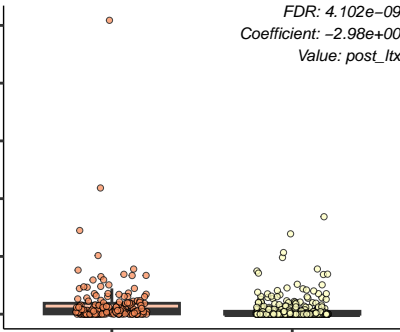
5000
4000
3000
2000
1000
0

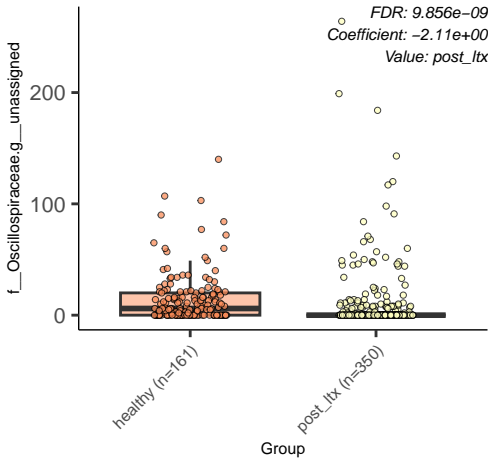
FDR: 4.102e-09
Coefficient: -2.98e+00
Value: post_ltx

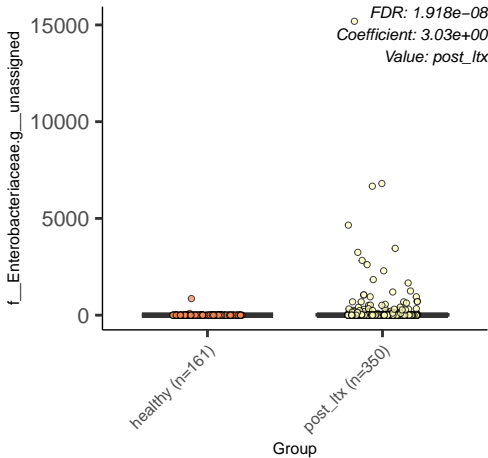
healthy (n=161)

post_ltx (n=350)

Group







Streptococcus

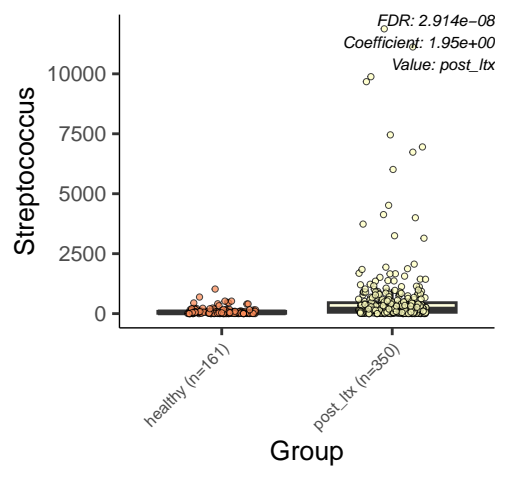
10000
7500
5000
2500
0

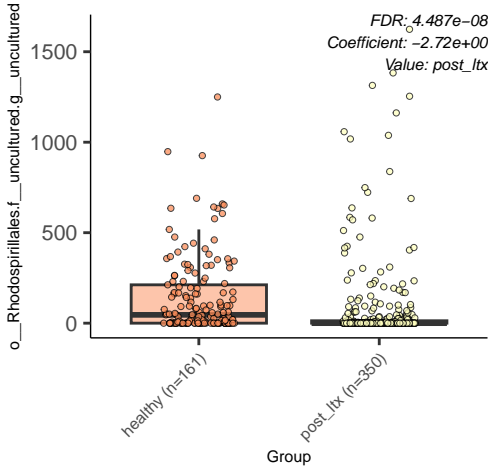
healthy (n=161)

post_ltx (n=350)

Group

FDR: 2.914×10^{-8}
Coefficient: 1.95×10^0
Value: post_ltx





Family_XIII_AD3011_group

FDR: 9.408e-08

Coefficient: -2.33e+00

Value: post_ltx

200

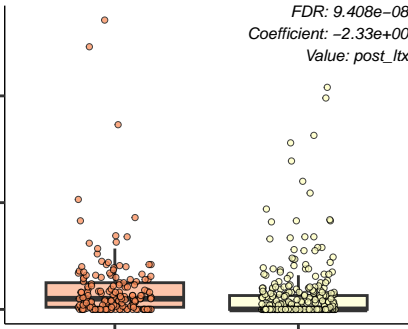
100

0

healthy (n=161)

post_ltx (n=350)

Group



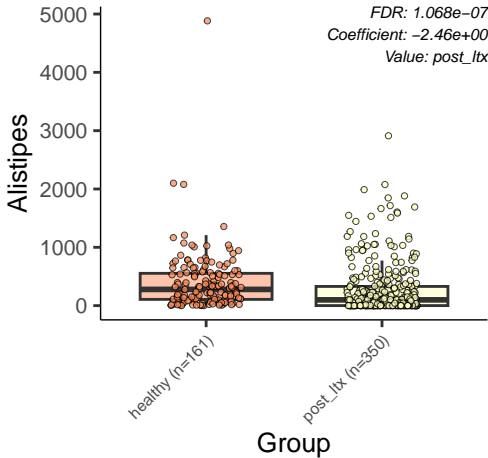


FDR: 9.408e-08
Coefficient: 2.40e+00
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



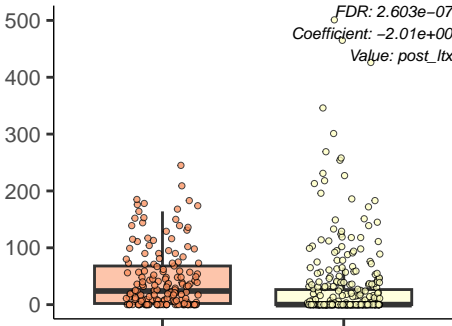
Butyricimonas

healthy (n=161)

post_ltx (n=350)

Group

FDR: 2.603×10^{-7}
Coefficient: -2.01×10^0
Value: post_ltx



Parabacteroides

FDR: 3.486e-07
Coefficient: -2.51e+00
Value: post_ltx

6000

4000

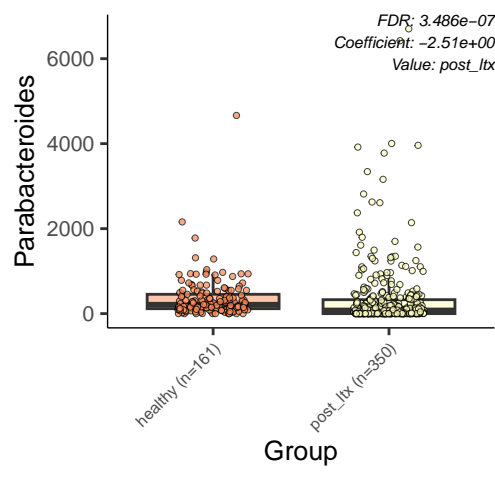
2000

0

healthy (n=161)

post_ltx (n=350)

Group



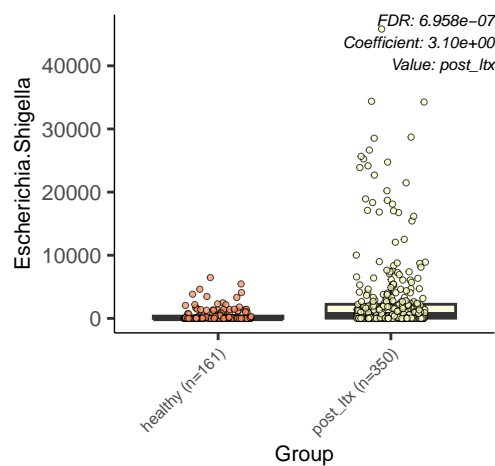
Escherichia.Shigella

FDR: $6.958e-07$
Coefficient: $3.10e+00$
Value: *post_ltx*

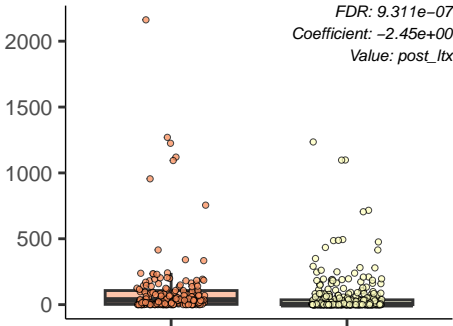
healthy (n=161)

post_ltx (n=350)

Group



UCG.005



healthy (n=161)

post_ltx (n=350)

Group

Holdemania

FDR: 1.049e-06
Coefficient: -1.28e+00
Value: post_ltx

100

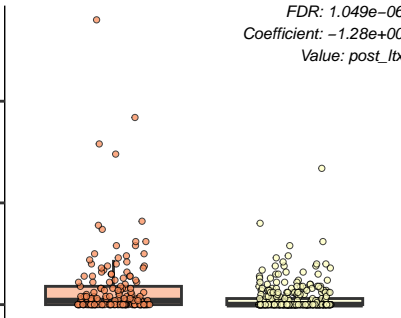
50

0

healthy (n=161)

post_ltx (n=350)

Group



Oscillibacter

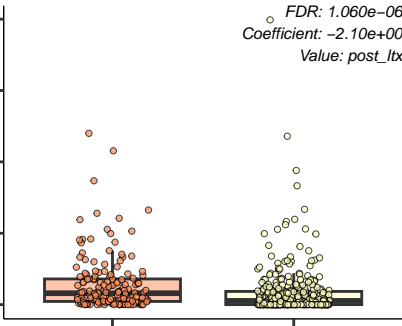
800
600
400
200
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: 1.060e-06
Coefficient: -2.10e+00
Value: post_ltx



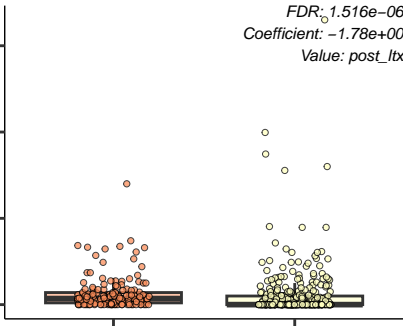
GCA.900066575

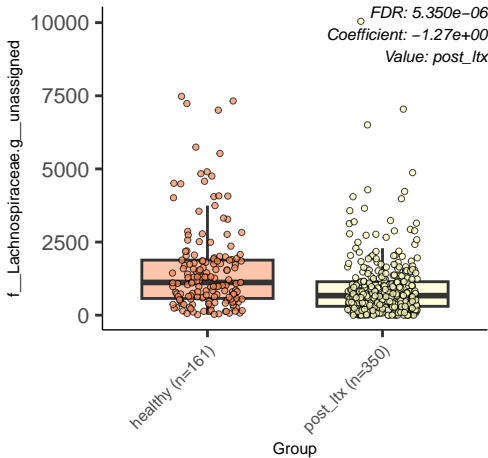
FDR: 1.516e-06
Coefficient: -1.78e+00
Value: post_ltx

healthy (n=161)

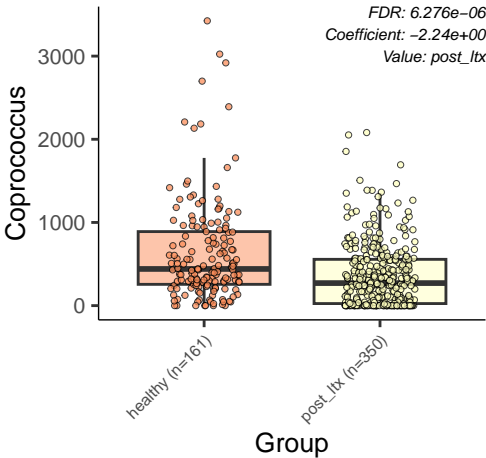
post_ltx (n=350)

Group





Coprococcus



Marvinbryantia

400

200

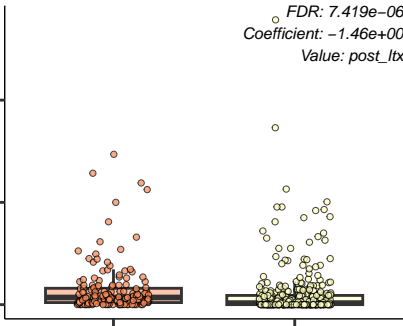
0

healthy (n=161)

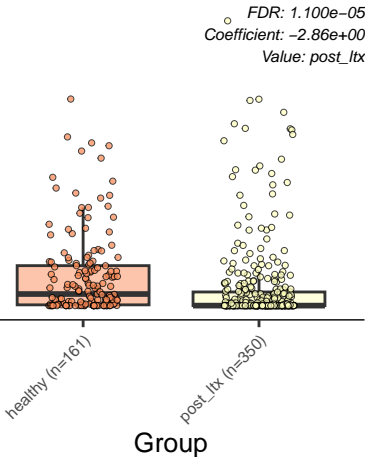
post_ltx (n=350)

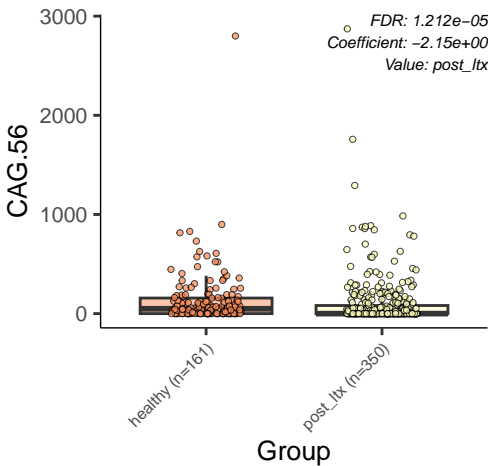
Group

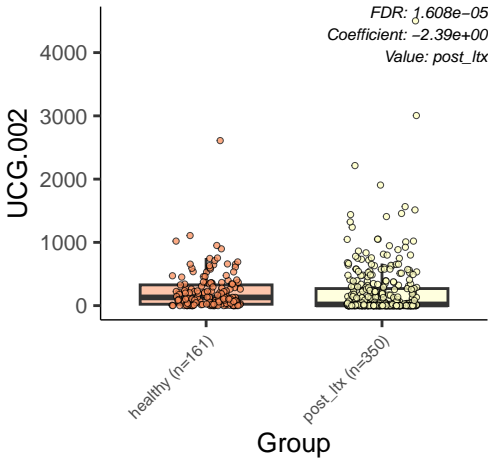
FDR: 7.419e-06
Coefficient: -1.46e+00
Value: post_ltx



Barnesiella







Phascolarctobacterium

FDR: 1.608e-05
Coefficient: -2.44e+00
Value: post_ltx

3000

2000

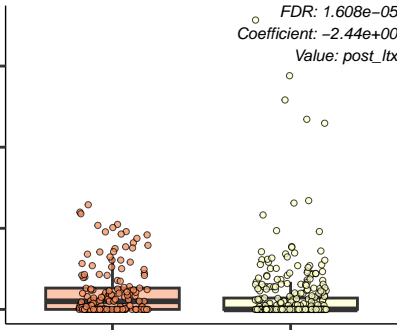
1000

0

healthy (n=161)

post_ltx (n=350)

Group



f__Peptococcaceae.g__uncultured

FDR: 1.686×10^{-5}
Coefficient: -8.65×10^{-1}
Value: post_ltx

300

200

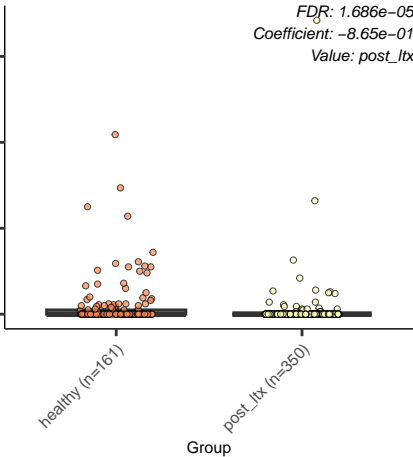
100

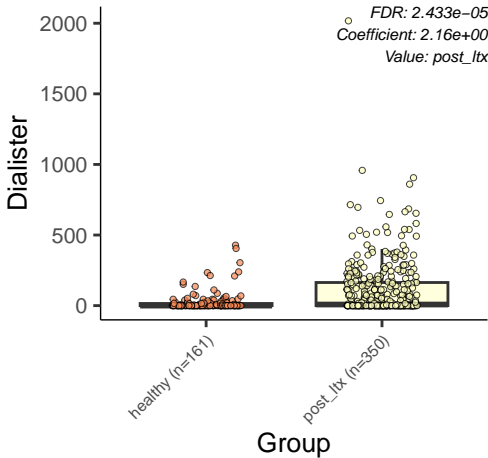
0

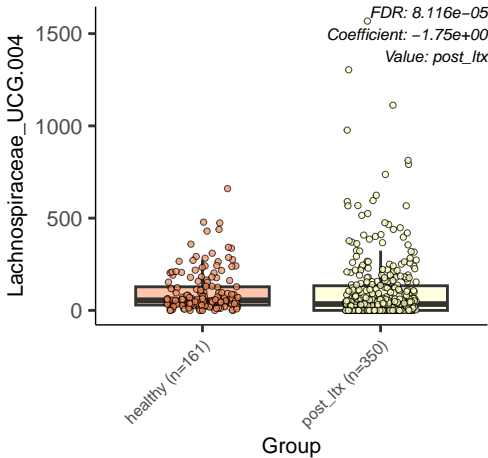
healthy (n=161)

post_ltx (n=350)

Group







Lachnospiraceae_NK4A136_group

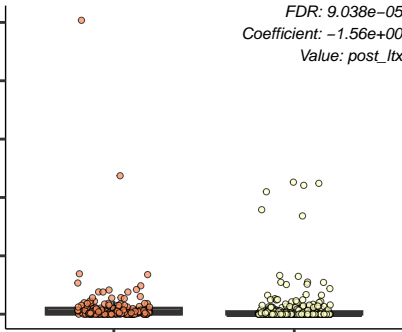
2500
2000
1500
1000
500
0

FDR: 9.038e-05
Coefficient: -1.56e+00
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



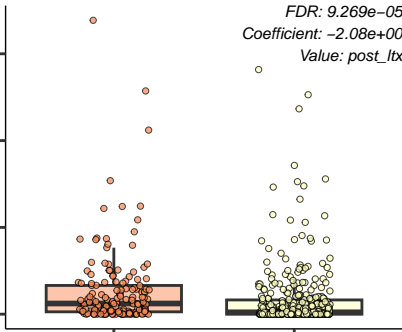
Erysipelotrichaceae_UCG.003

FDR: 9.269×10^{-5}
Coefficient: -2.08×10^0
Value: post_ltx

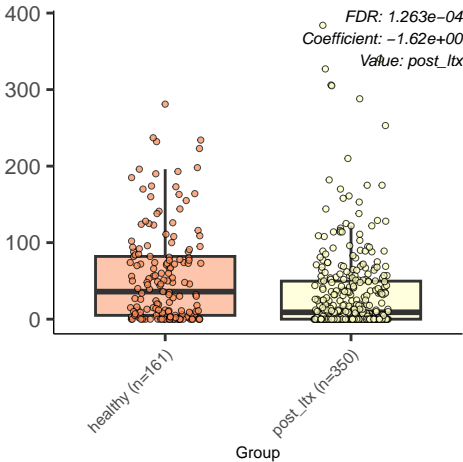
healthy (n=161)

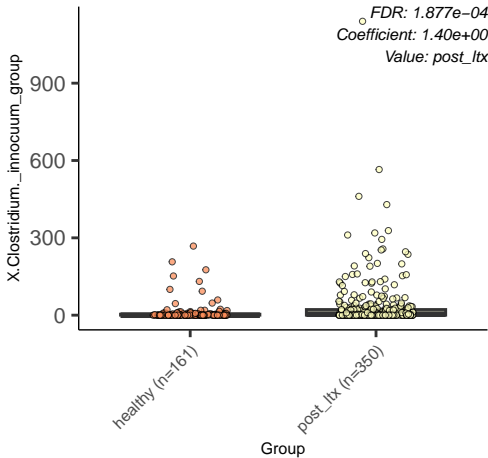
post_ltx (n=350)

Group

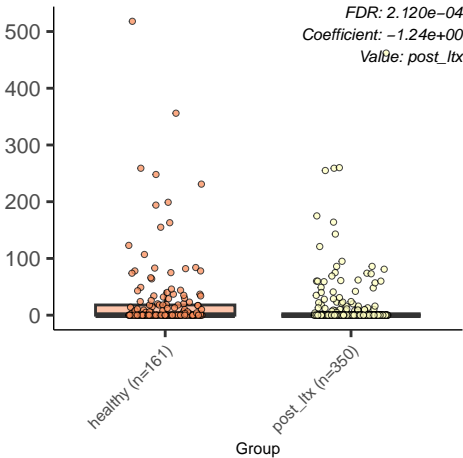


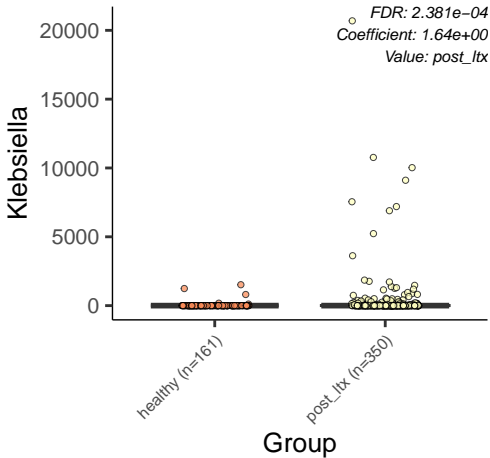
f_Oscillospiraceae.g__uncultured



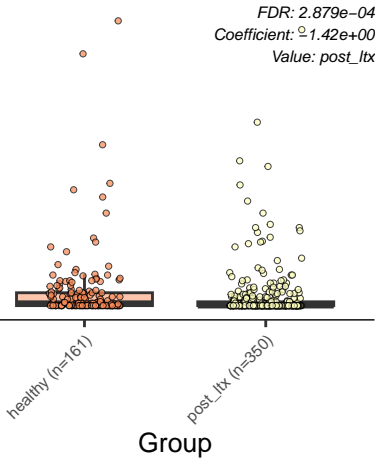


f_Eggerthellaceae.g__uncultured





Adlercreutzia



f__Christensenellaceae.g__unassigned

FDR: 3.354×10^{-4}
Coefficient: -1.15×10^0
Value: post_ltx

1000

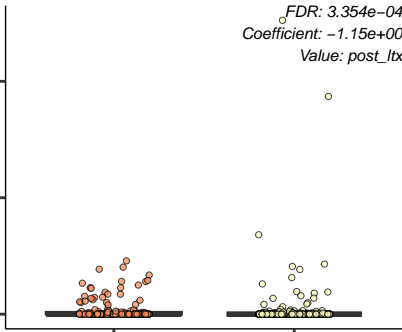
500

0

healthy (n=161)

post_ltx (n=350)

Group



UCG.009

60

40

20

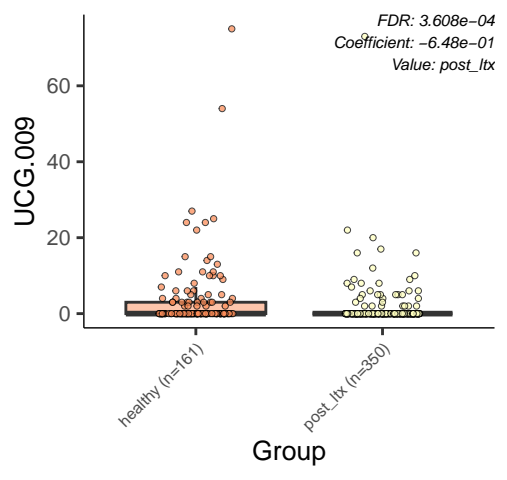
0

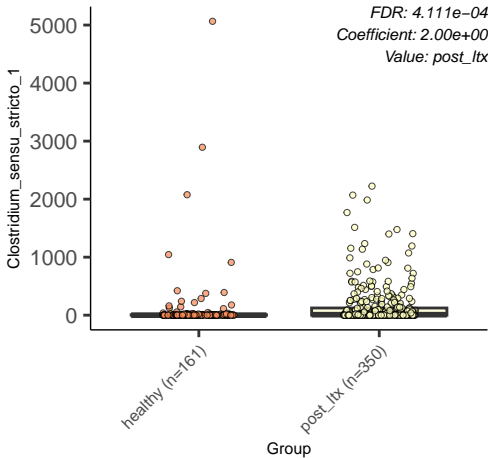
healthy (n=161)

post_ltx (n=350)

Group

FDR: 3.608e-04
Coefficient: -6.48e-01
Value: post_ltx





Negativibacillus

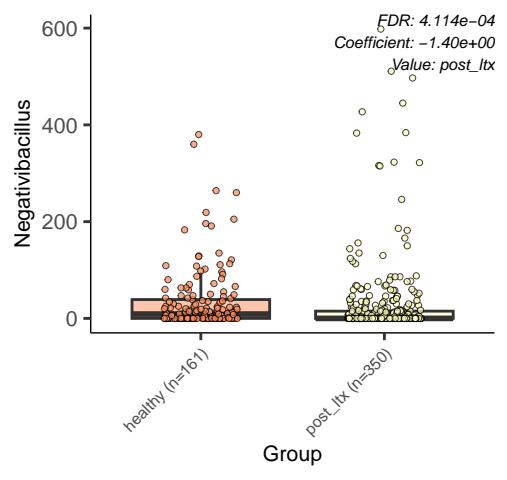
600
400
200
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: 4.114×10^{-4}
Coefficient: -1.40×10^0
Value: post_ltx



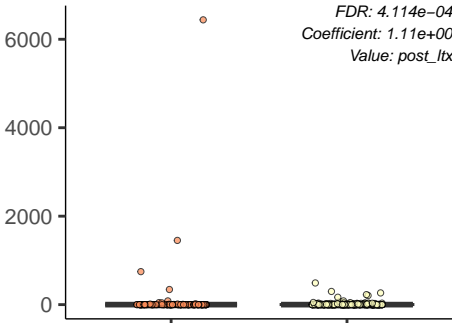
Pseudomonas

FDR: 4.114e-04
Coefficient: 1.11e+00
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Fusicatenibacter

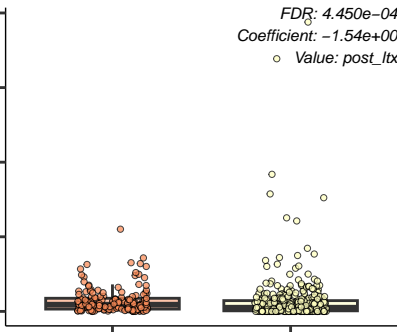
8000
6000
4000
2000
0

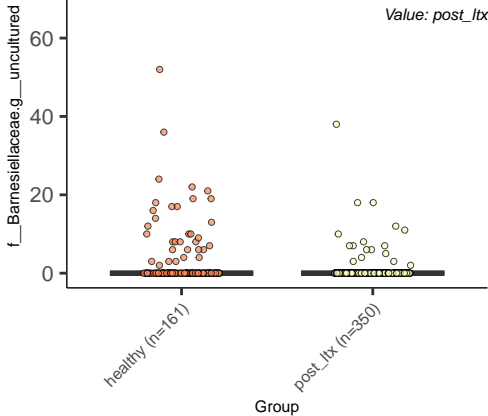
FDR: 4.450e-04
Coefficient: -1.54e+00
○ Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group





Clostridia_vadinBB60_group

FDR: 4.791e-04
Coefficient: -1.04e+00
Value: post_ltx

600

400

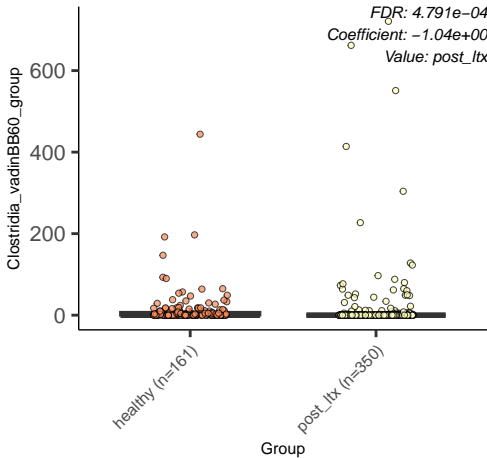
200

0

healthy (n=161)

post_ltx (n=350)

Group



Bilophila

healthy (n=161)

post_ltx (n=350)

Group

FDR: 5.840×10^{-4}
Coefficient: -1.51×10^0
Value: post_ltx

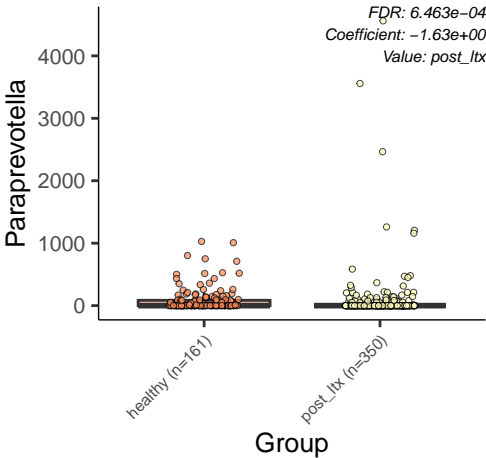
900

600

300

0

Paraprevotella





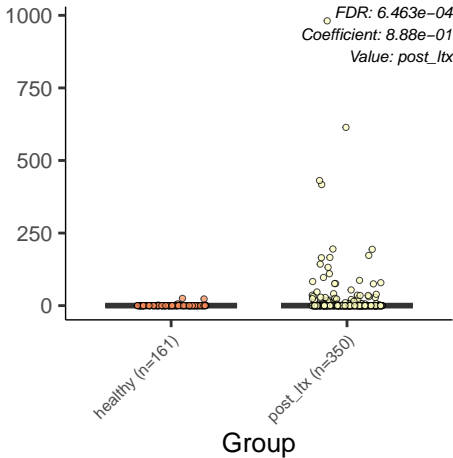
FDR: 6.463e-04
Coefficient: 6.31e-01
Value: post_ltx

healthy (n=161)

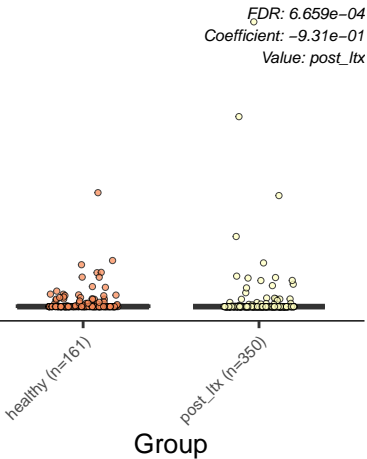
post_ltx (n=350)

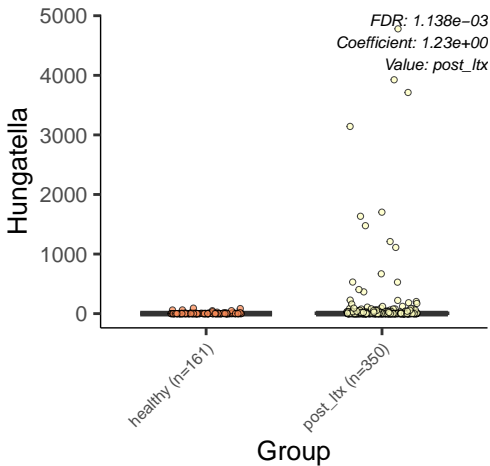
Group

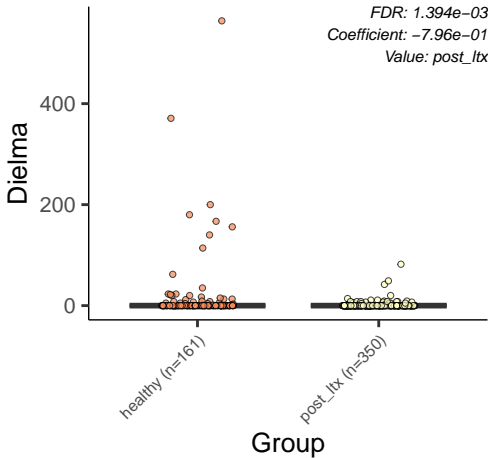
Lactobacillus



Muribaculaceae







CAG.352

FDR: 1.394e-03
Coefficient: -1.05e+00
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group

2000

1500

1000

500

0

Faecalibacterium

healthy (n=161)

post_ltx (n=350)

Group

FDR: 1.424e-03
Coefficient: -1.42e+00
Value: post_ltx

20000

15000

10000

5000

0

Candidatus_Soleaferrea

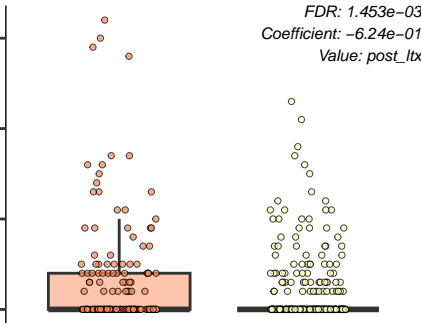
30
20
10
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: $1.453e-03$
Coefficient: $-6.24e-01$
Value: post_ltx



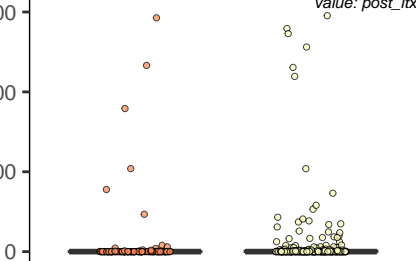
Fusobacterium

FDR: 1.548e-03
Coefficient: 1.54e+00
Value: post_ltx

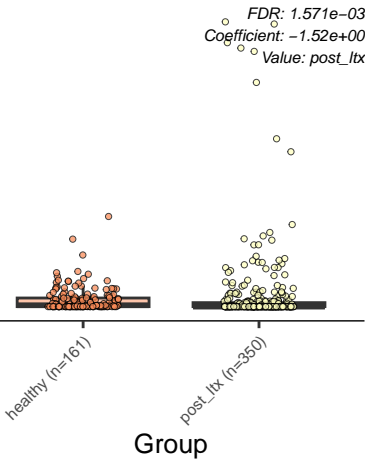
healthy (n=161)

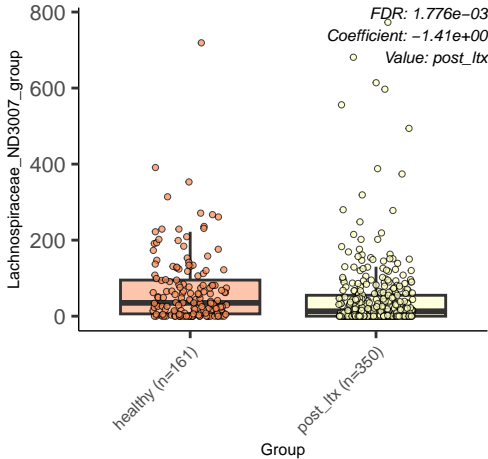
post_ltx (n=350)

Group



Coprobacter





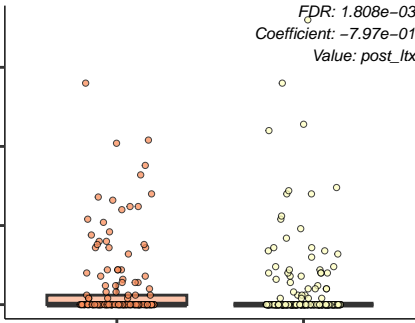
Enterorhabdus

FDR: $1.808e-03$
Coefficient: $-7.97e-01$
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



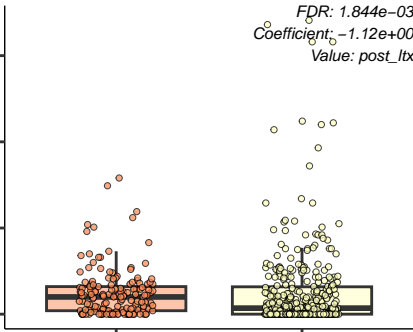
Lachnospiraceae_FCS020_group

FDR: $1.844e-03$
Coefficient: $-1.12e+00$
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Pseudoflavonifractor

FDR: 2.722e-03

Coefficient: -5.70e-01

Value: post_ltx

100

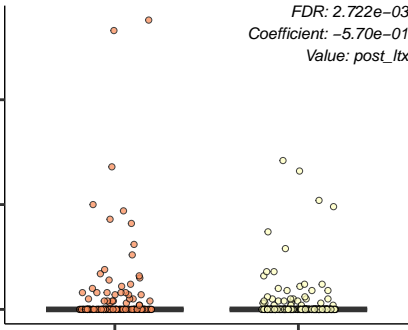
50

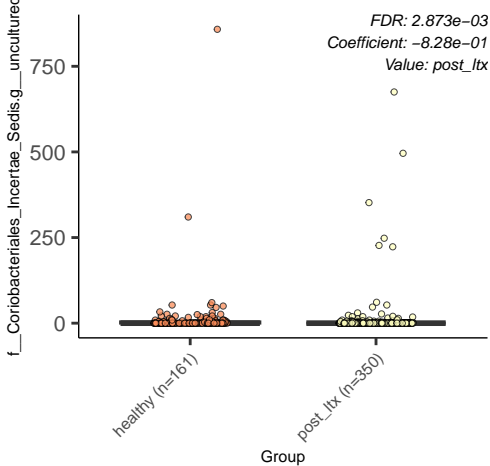
0

healthy (n=161)

post_ltx (n=350)

Group





Gordonibacter

FDR: 3.303e-03

Coefficient: -7.46e-01

Value: post_ltx

200

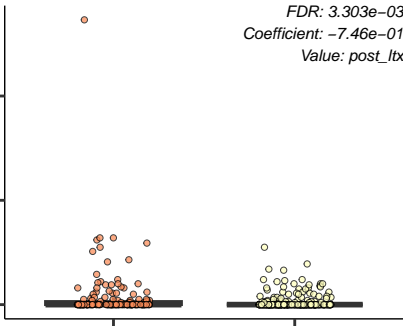
100

0

healthy (n=161)

post_ltx (n=350)

Group



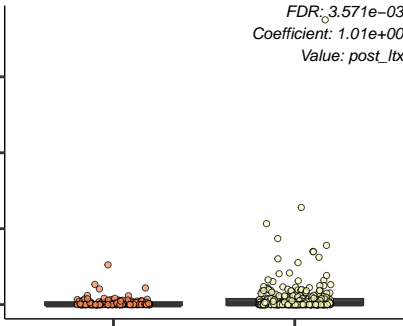
Actinomyces

FDR: $3.571\text{e-}03$
Coefficient: $1.01\text{e+}00$
Value: *post_ltx*

healthy (n=161)

post_ltx (n=350)

Group



Paludicola

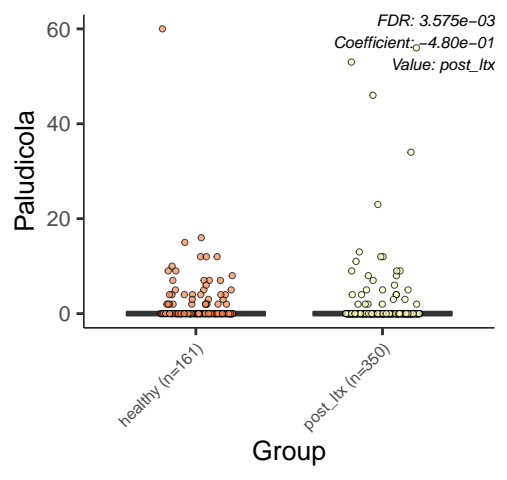
60
40
20
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: $3.575e-03$
Coefficient: $-4.80e-01$
Value: post_ltx



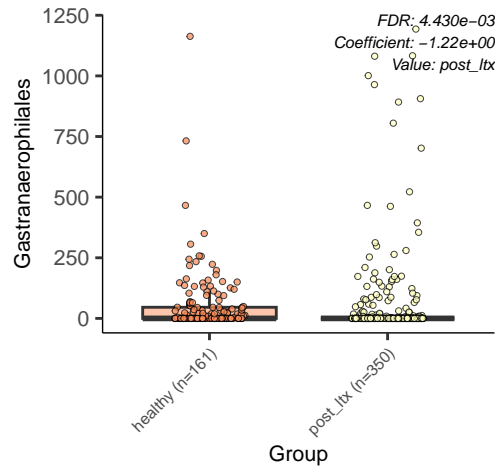
Gastranaerophilales

healthy (n=161)

post_ltx (n=350)

Group

FDR: 4.430e-03
Coefficient: -1.22e+00
Value: post_ltx



Howardella

300

200

100

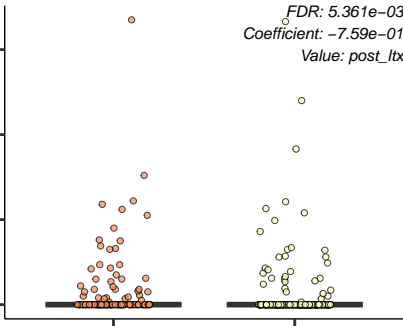
0

healthy (n=161)

post_ltx (n=350)

Group

$FDR: 5.361e-03$
 $Coefficient: -7.59e-01$
 $Value: post_ltx$



Sutterella

FDR: 5.804e-03

Coefficient: -1.55e+00

Value: post_ltx

9000

6000

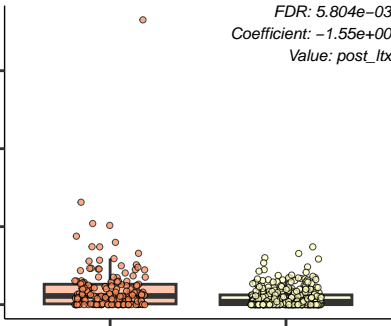
3000

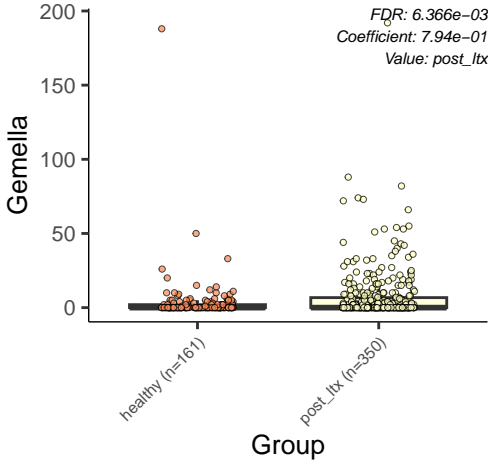
0

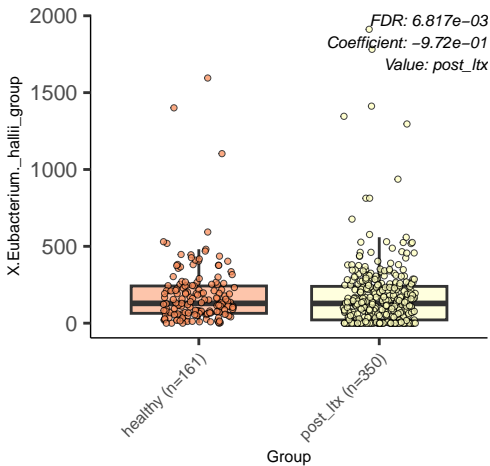
healthy (n=161)

post_ltx (n=350)

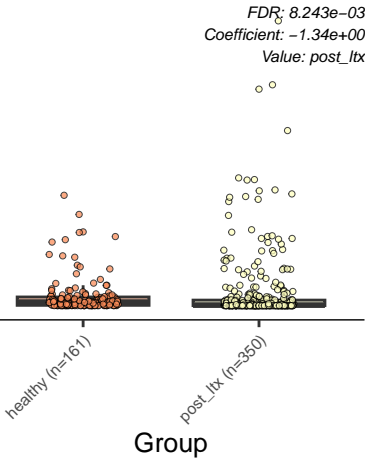
Group



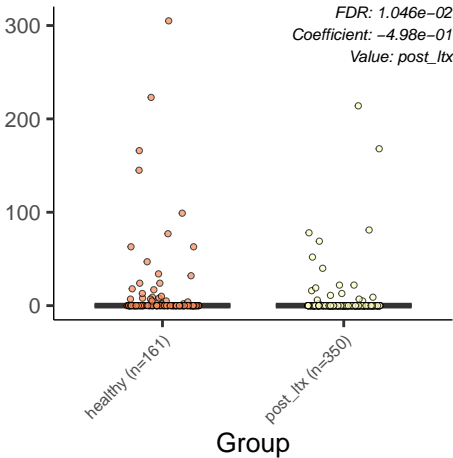


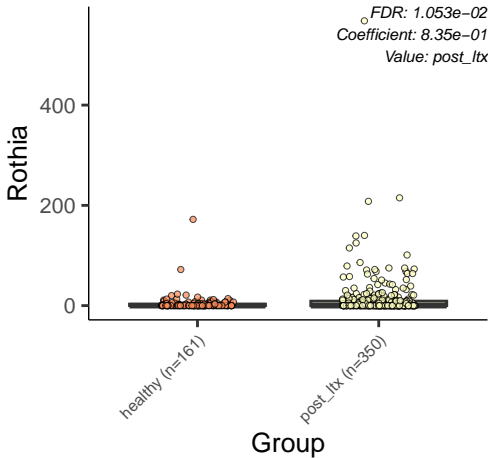


Ruminococcus



Tannerellaceae





Senegalimassilia

400

200

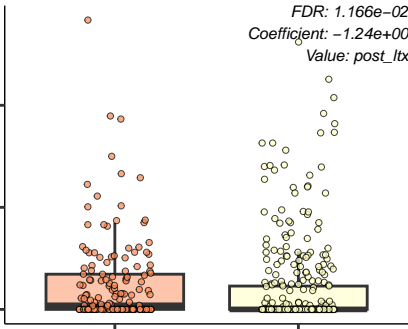
0

healthy (n=161)

post_ltx (n=350)

Group

FDR: 1.166e-02
Coefficient: -1.24e+00
Value: post_ltx



UCG.003

FDR: 1.193e-02
Coefficient: -9.65e-01
Value: post_ltx

1000

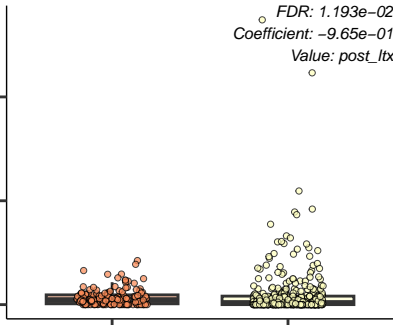
500

0

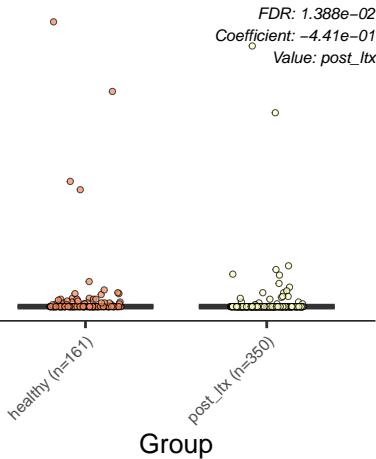
healthy (n=161)

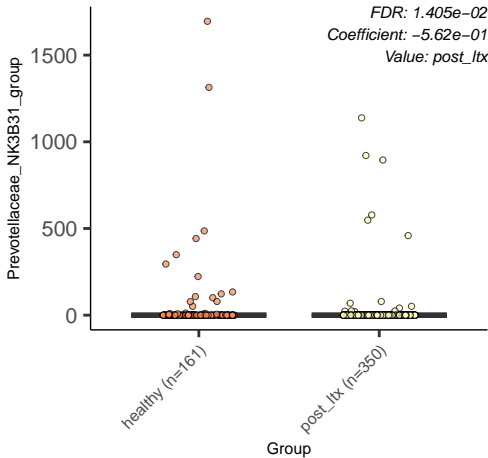
post_ltx (n=350)

Group



Anaerofilum





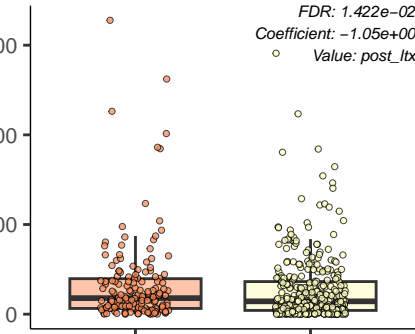
X.Ruminococcus_torques_group

FDR: $1.422e-02$
Coefficient: $-1.05e+00$
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Parasutterella

FDR: $1.572e-02$
Coefficient: $-1.30e+00$
Value: *post_ltx*

2000

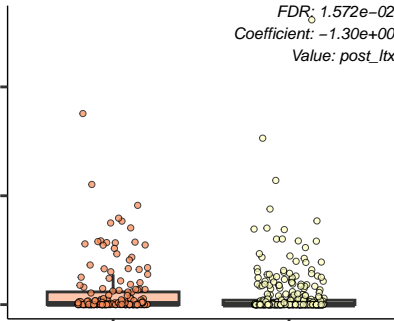
1000

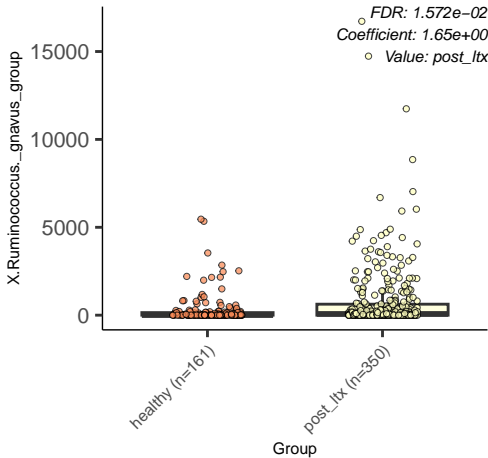
0

healthy (n=161)

post_ltx (n=350)

Group





Bacteroides

30000

20000

10000

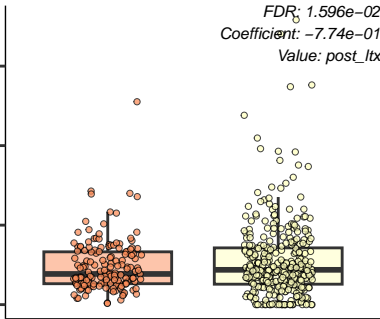
0

healthy (n=161)

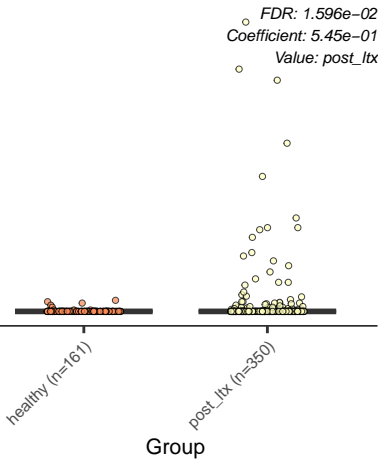
post_ltx (n=350)

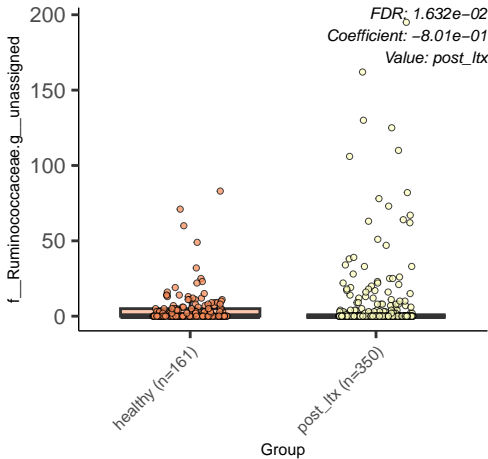
Group

FDR: $1.596e-02$
Coefficient: $-7.74e-01$
Value: post_ltx



Ligilactobacillus





Butyricoccus

1000

500

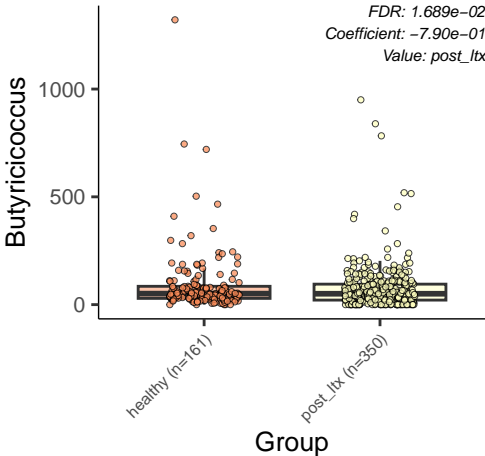
0

healthy (n=161)

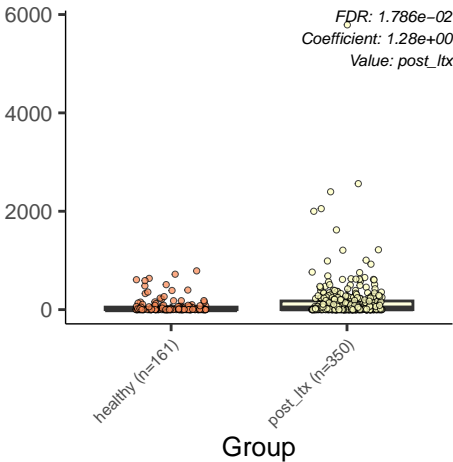
post_ltx (n=350)

Group

FDR: 1.689e-02
Coefficient: -7.90e-01
Value: post_ltx



Intestinibacter



Collinsella

4000

2000

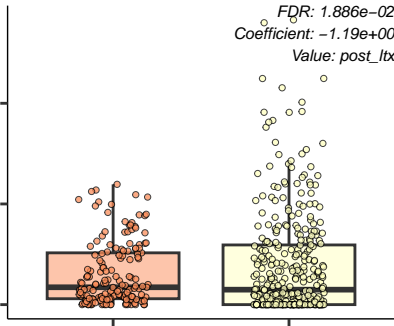
0

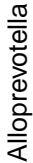
healthy (n=161)

post_ltx (n=350)

Group

FDR: 1.886e-02
Coefficient: -1.19e+00
Value: post_ltx





FDR: 2.255e-02

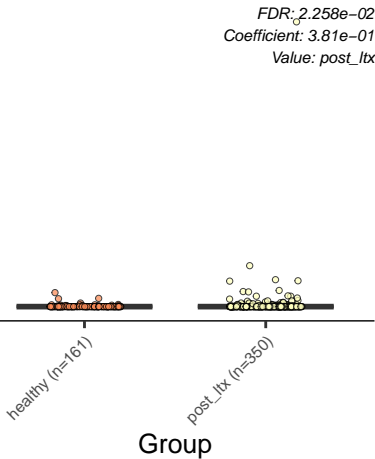
Coefficient: $-8.98e-01$

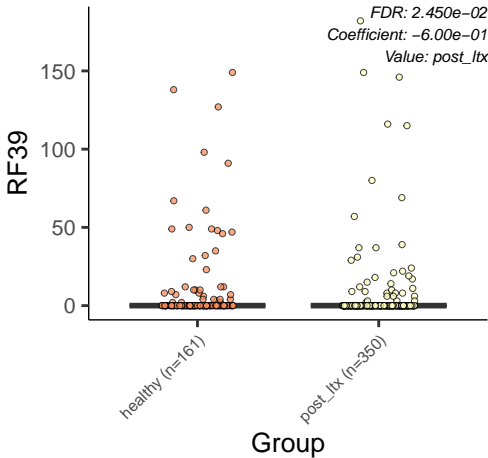
Value: `post_ltx`



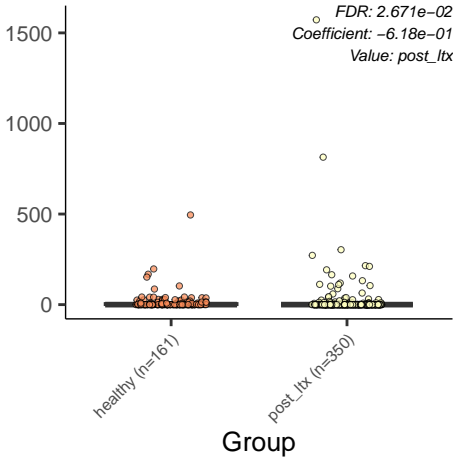
Group

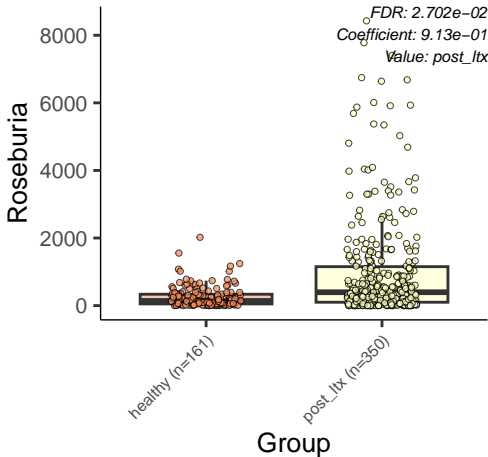
Staphylococcus



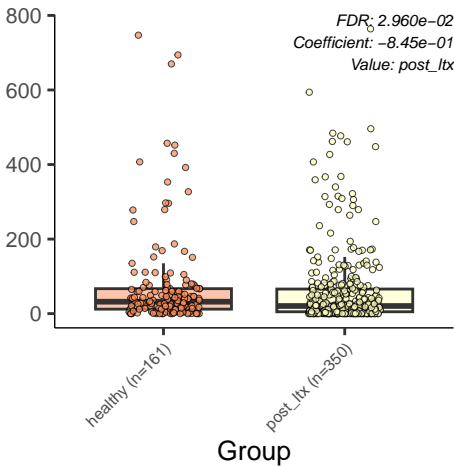


UCG.010





Flavonifractor



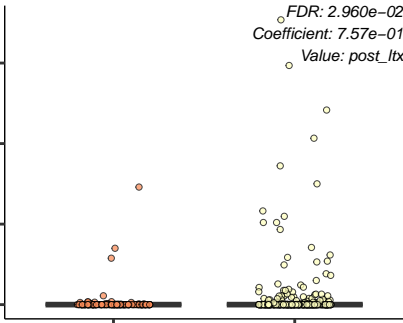
Faecalitalea

FDR: 2.960e-02
Coefficient: 7.57e-01
Value: post_ltx

healthy (n=161)

post_ltx (n=350)

Group



Akkermansia

10000

5000

0

healthy (n=161)

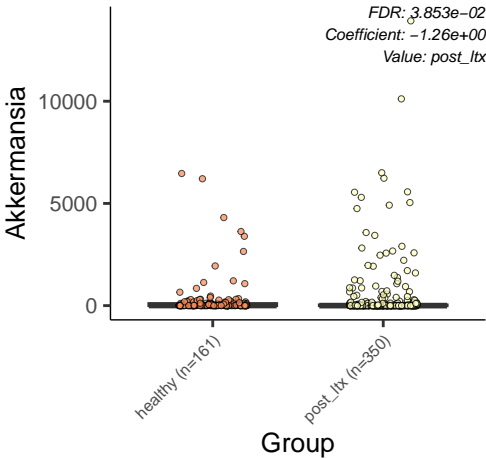
post_ltx (n=350)

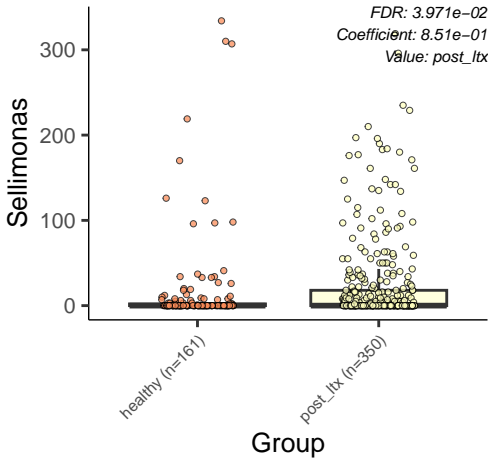
Group

FDR: $3.853e-02$

Coefficient: $-1.26e+00$

Value: post_ltx





Tuzzerella

