

Clostridia_UCG.014

FDR: 8.179e-15

Coefficient: -3.86e+00

Value: pre_ltx

750

500

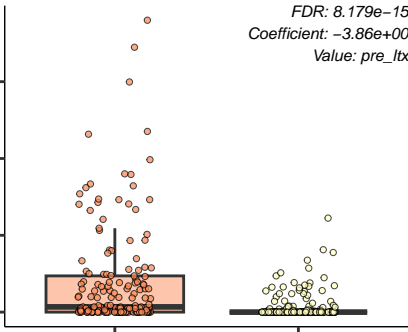
250

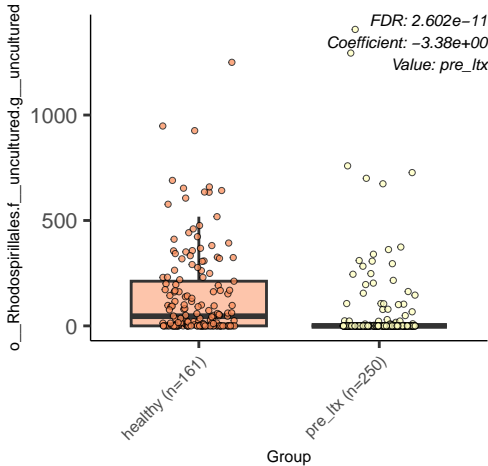
0

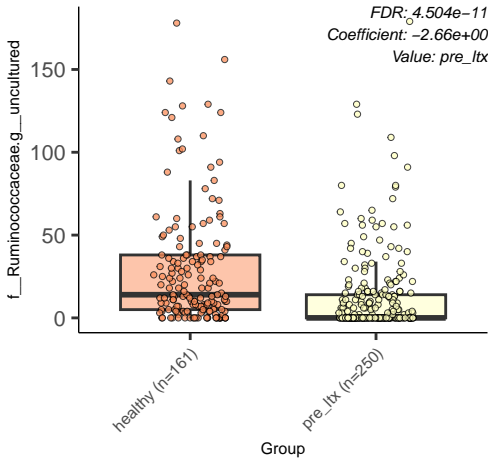
healthy (n=161)

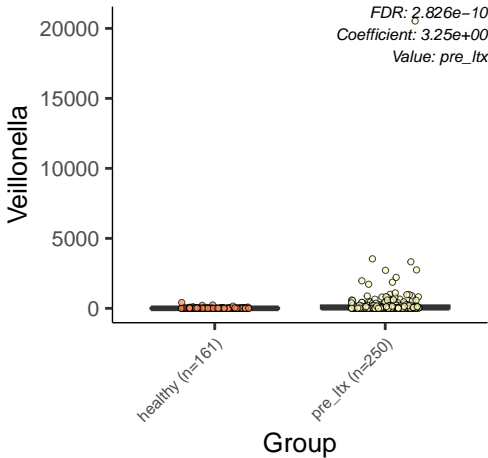
pre_ltx (n=250)

Group









Parabacteroides

FDR: 4.632e-10

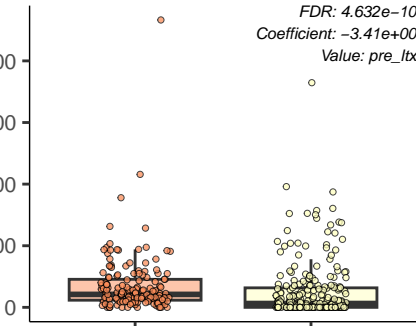
Coefficient: -3.41e+00

Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



Butyricimonas

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 9.128×10^{-10}
Coefficient: -2.47×10^0
Value: pre_ltx

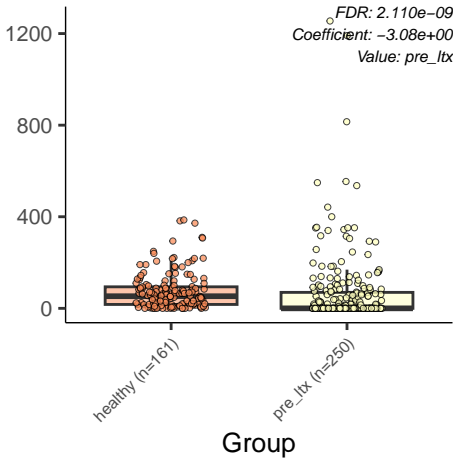
300

200

100

0

Odoribacter



Lachnospiraceae_UCG.010

FDR: $2.414e-09$

Coefficient: $-3.31e+00$

Value: *pre_ltx*

1000

750

500

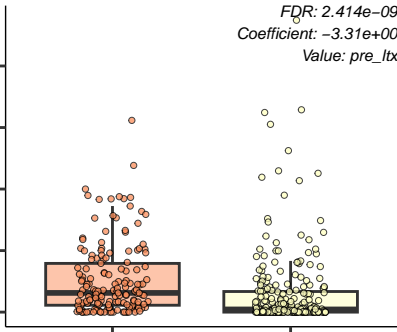
250

0

healthy (n=161)

pre_ltx (n=250)

Group



Holdmania

100

50

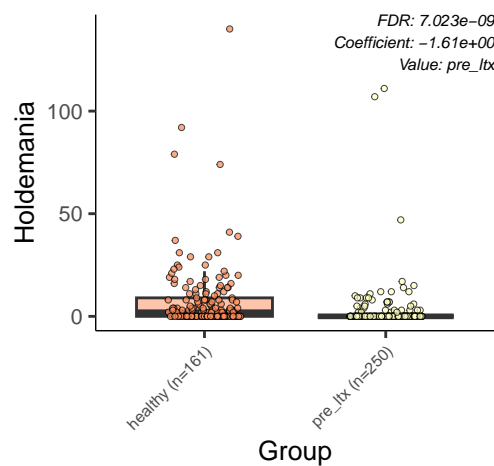
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 7.023e-09
Coefficient: -1.61e+00
Value: pre_ltx



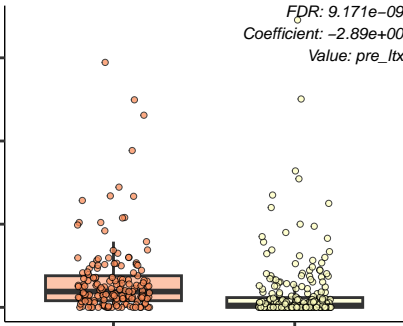
Intestinimonas

FDR: $9.171\text{e-}09$
Coefficient: $-2.89\text{e}+00$
Value: *pre_ltx*

healthy (n=161)

pre_ltx (n=250)

Group



Coprococcus

healthy (n=161)

pre_ltx (n=250)

Group

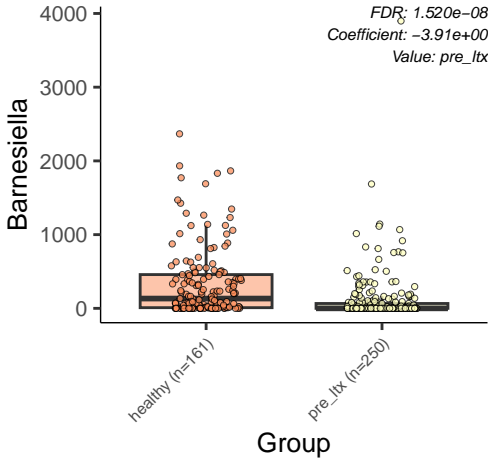
FDR: $1.101e-08$
Coefficient: $-2.46e+00$
Value: *pre_ltx*

3000

2000

1000

0



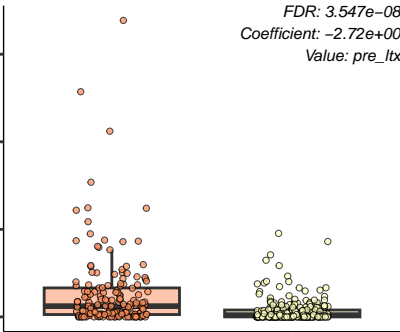
Erysipelotrichaceae_UCG.003

FDR: 3.547e-08
Coefficient: -2.72e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



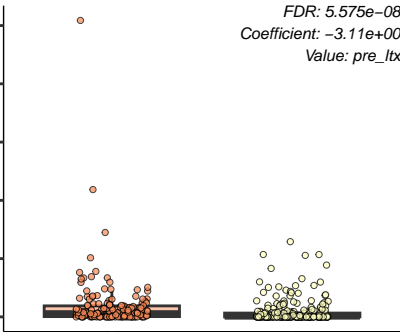
Christensenellaceae_R.7_group

FDR: 5.575e-08
Coefficient: -3.11e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



Lachnoclostridium

15000

10000

5000

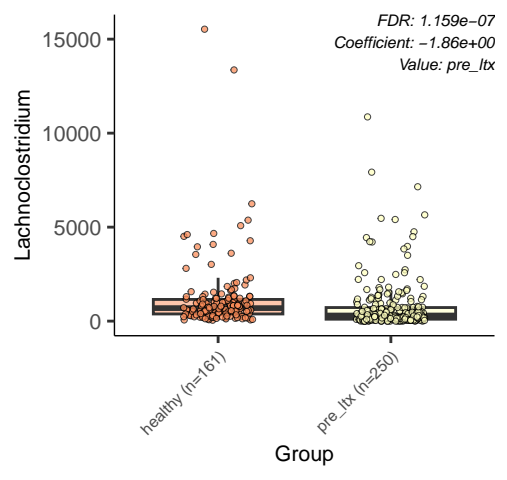
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 1.159e-07
Coefficient: -1.86e+00
Value: pre_ltx



Alistipes

FDR: 3.067×10^{-7}
Coefficient: -2.69×10^0
Value: *pre_ltx*

6000

4000

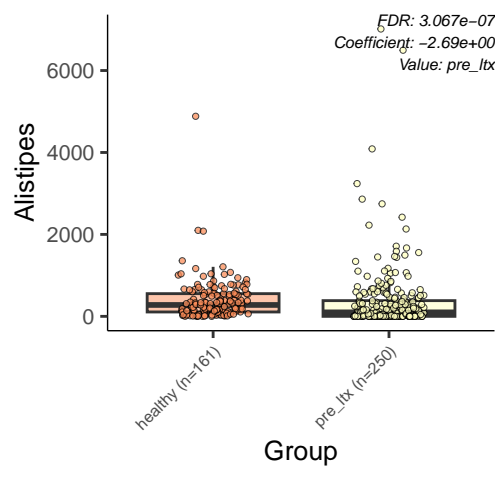
2000

0

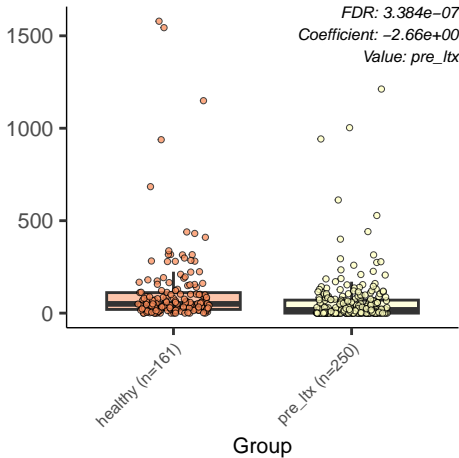
healthy (n=161)

pre_ltx (n=250)

Group



Colidextribacter



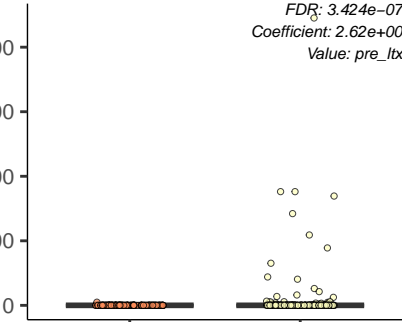
Enterococcus

FDR: 3.424×10^{-7}
Coefficient: 2.62×10^0
Value: *pre_ltx*

healthy (n=161)

pre_ltx (n=250)

Group



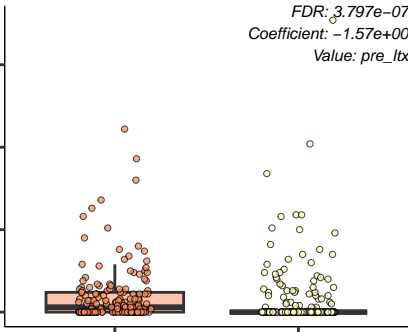
Family_XIII_UCG.001

FDR: 3.797e-07
Coefficient: -1.57e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



Gastranaerophilales

1500

1000

500

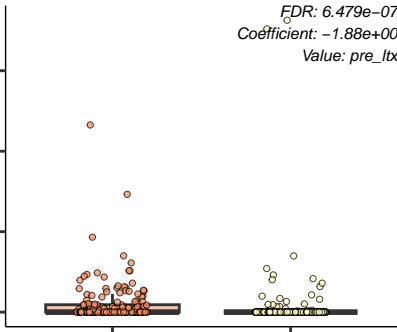
0

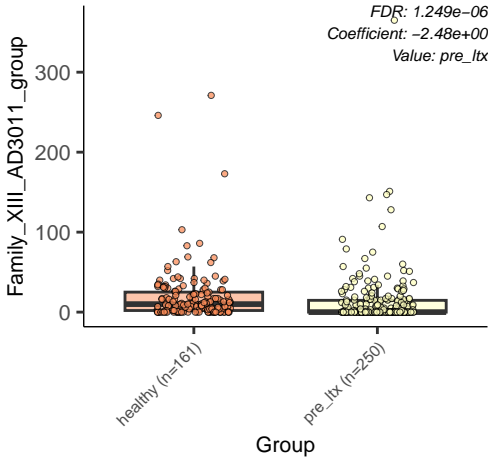
healthy (n=161)

pre_ltx (n=250)

Group

FDR: $6.479e-07$
Coefficient: $-1.88e+00$
Value: *pre_ltx*





Oscillibacter

2000

1000

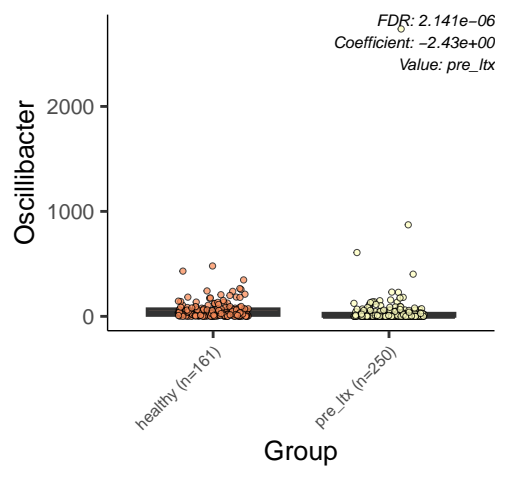
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 2.141e-06
Coefficient: -2.43e+00
Value: pre_ltx



f__Oscillospiraceae.g__uncultured

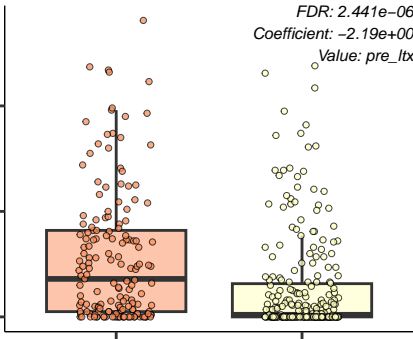
200
100
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 2.441e-06
Coefficient: -2.19e+00
Value: pre_ltx



UCG.009

60

40

20

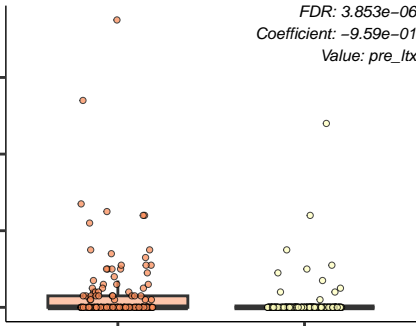
0

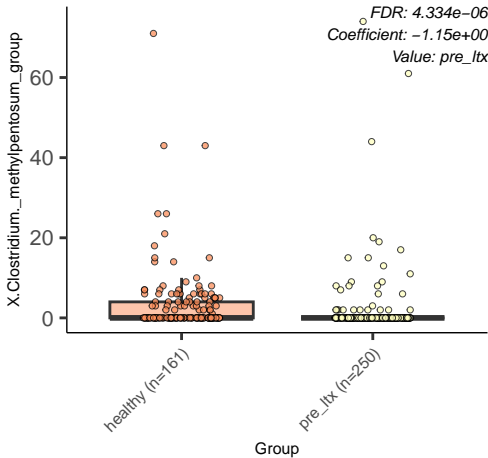
healthy (n=161)

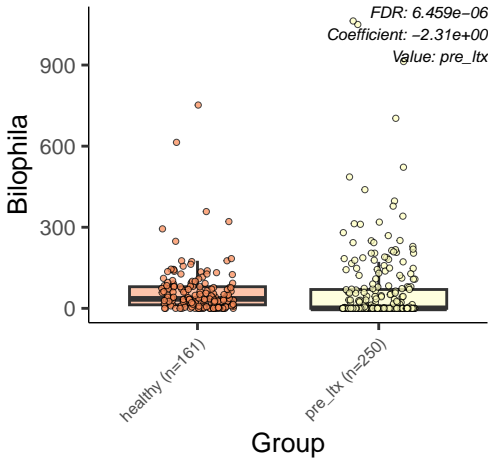
pre_ltx (n=250)

Group

FDR: $3.853e-06$
Coefficient: $-9.59e-01$
Value: *pre_ltx*







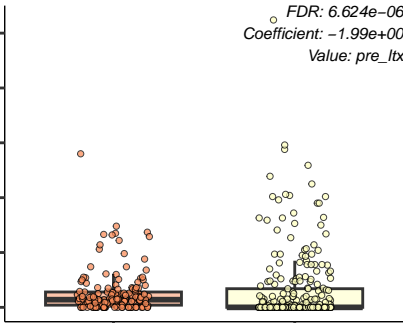
GCA.900066575

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $6.624e-06$
Coefficient: $-1.99e+00$
Value: pre_ltx



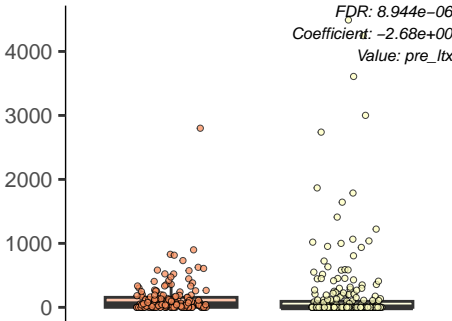
CAG.56

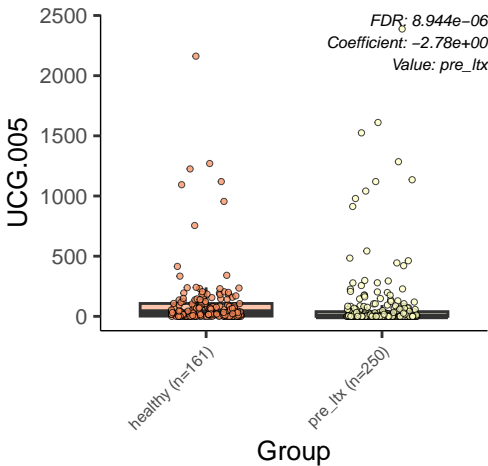
FDR: 8.944e-06
Coefficient: -2.68e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group





Phascolarctobacterium

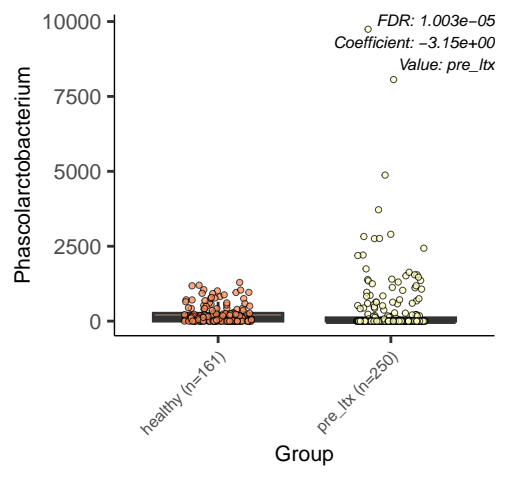
10000
7500
5000
2500
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 1.003e-05
Coefficient: -3.15e+00
Value: pre_ltx



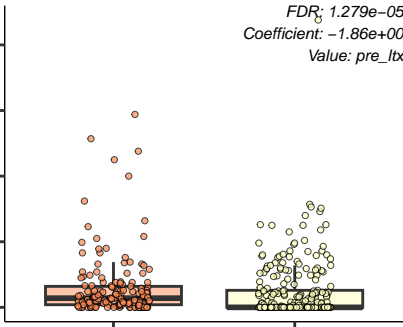
Marvinbryantia

FDR: $1.279\text{e-}05$
Coefficient: $-1.86\text{e}+00$
Value: *pre_ltx*

healthy (n=161)

pre_ltx (n=250)

Group



Clostridia_vadinBB60_group

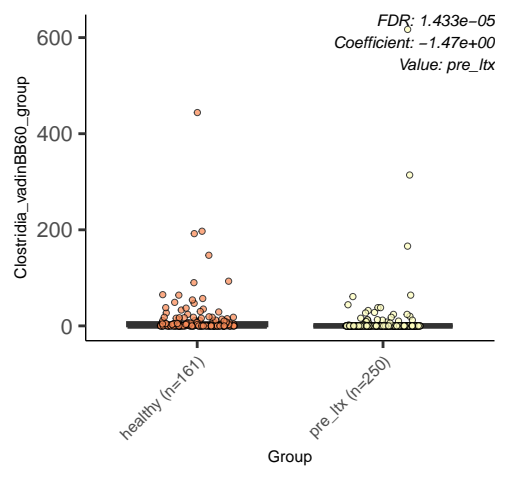
600
400
200
0

healthy (n=161)

Group

pre_ltx (n=250)

FDR: $1.433\text{e-}05$
Coefficient: $-1.47\text{e}+00$
Value: pre_ltx



Senegalimassilia

FDR: 1.500e-05

Coefficient: -2.09e+00

Value: pre_ltx

400

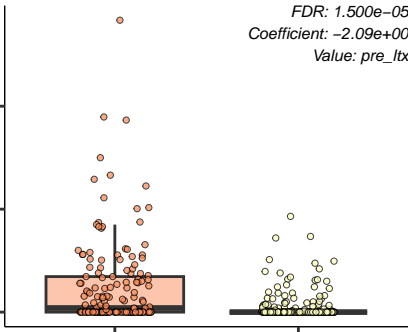
200

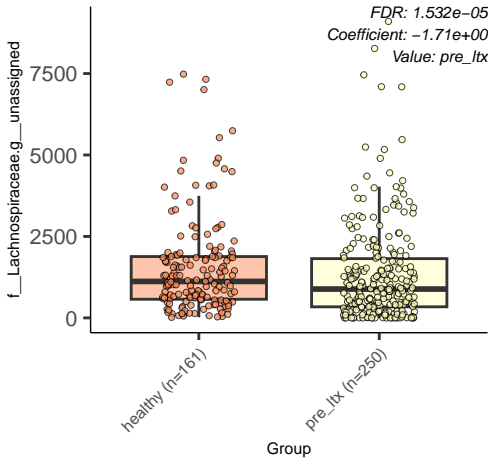
0

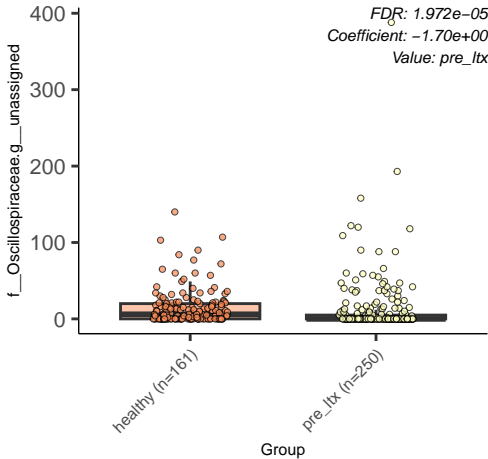
healthy (n=161)

pre_ltx (n=250)

Group







Collinsella

3000

2000

1000

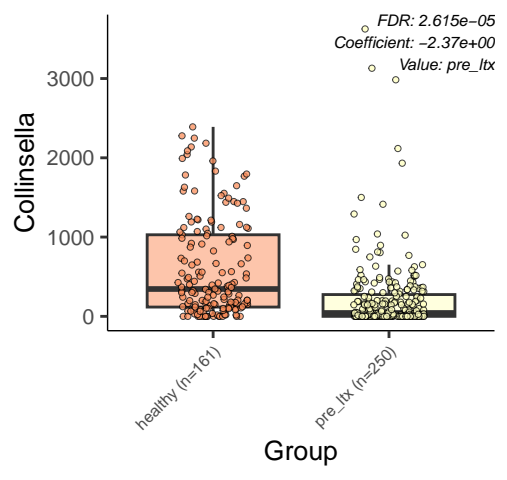
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 2.615e-05
Coefficient: -2.37e+00
Value: pre_ltx



f__Peptococcaceae.g__uncultured

FDR: 3.529e-05
Coefficient: -1.29e+00
Value: pre_ltx

600

400

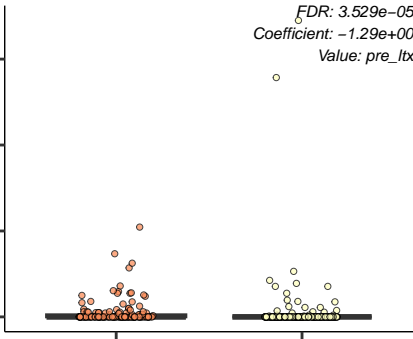
200

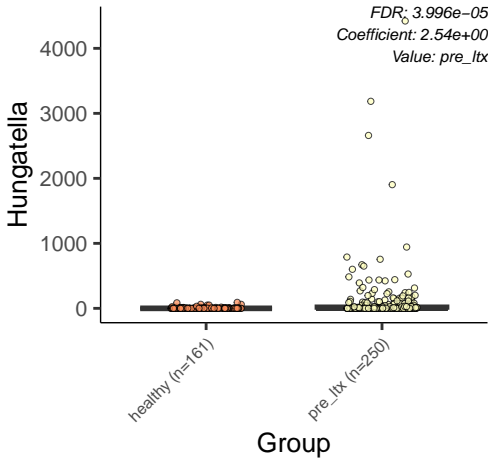
0

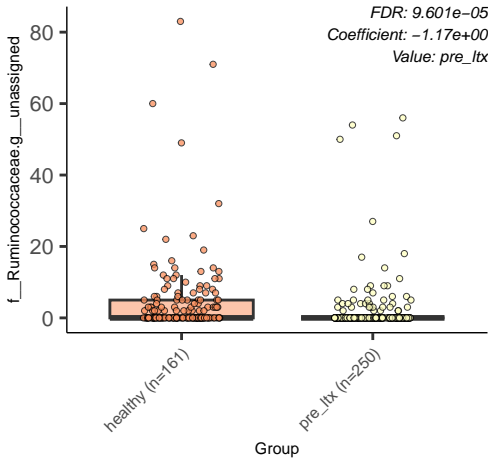
healthy (n=161)

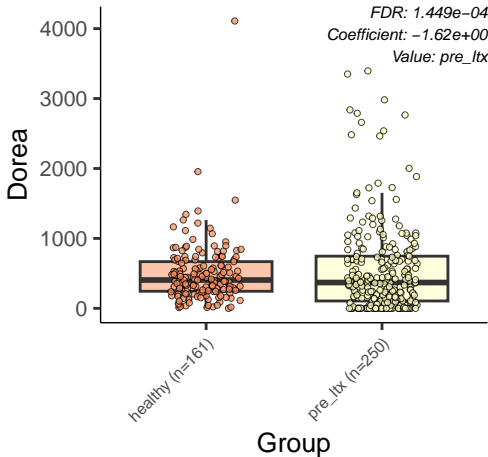
pre_ltx (n=250)

Group









Sutterella

FDR: 1.478e-04
Coefficient: -2.60e+00
Value: pre_ltx

9000

6000

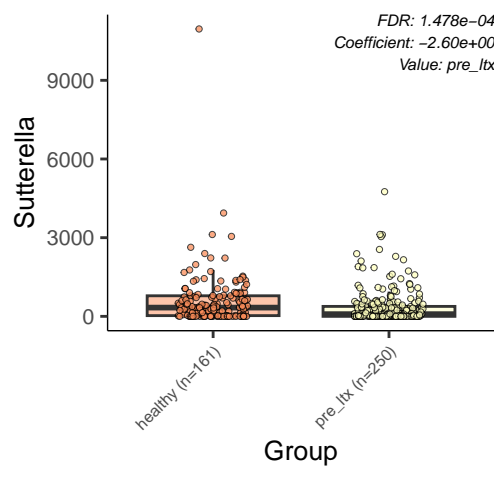
3000

0

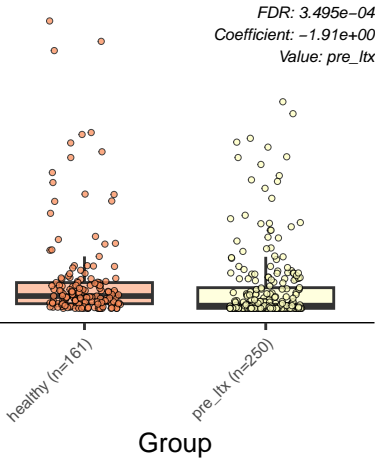
healthy (n=161)

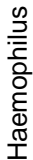
pre_ltx (n=250)

Group



Flavonifractor





- *FDR: 4.092e-04*
- *Coefficient: 1.71e+00*
- *Value: pre_ltx*

healthy (n=161)

pre_ltx (n=250)

Group

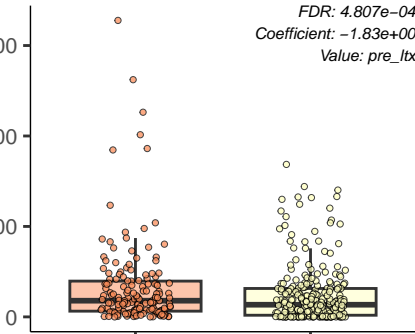
X.Ruminococcus._torques_group

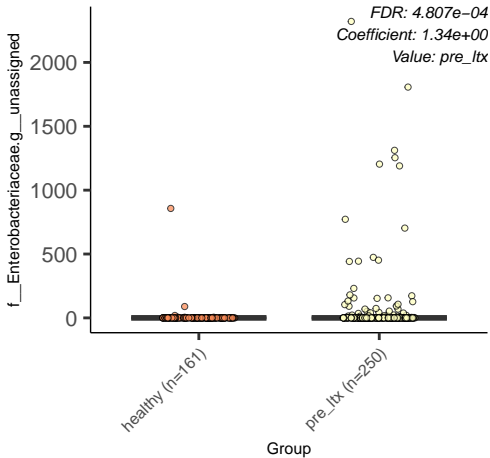
FDR: 4.807e-04
Coefficient: -1.83e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group





Candidatus_Soleaferrea

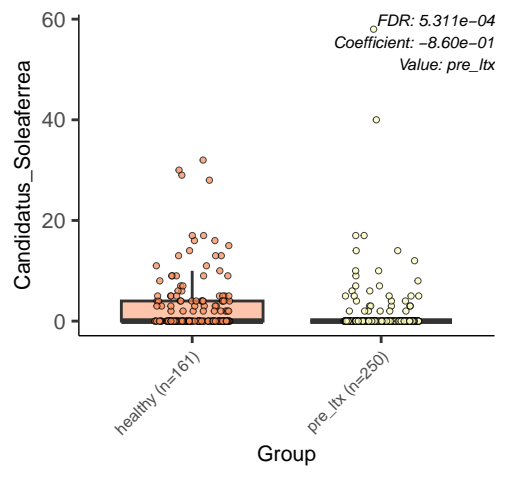
60
40
20
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 5.311e-04
Coefficient: -8.60e-01
Value: pre_ltx



Coprobacter

1000

500

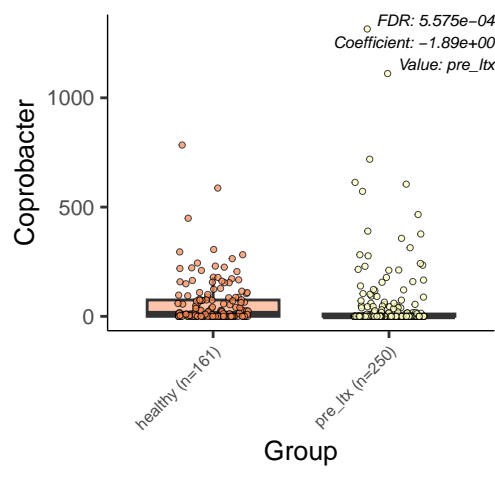
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $5.575e-04$
Coefficient: $-1.89e+00$
Value: *pre_ltx*



UCG.002

2000

1000

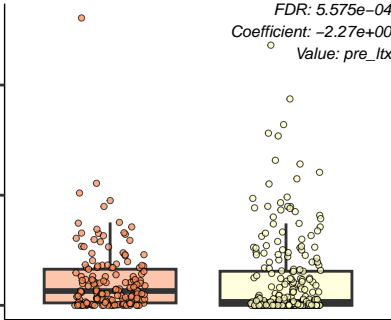
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $5.575e-04$
Coefficient: $-2.27e+00$
Value: pre_ltx



Anaerofilum

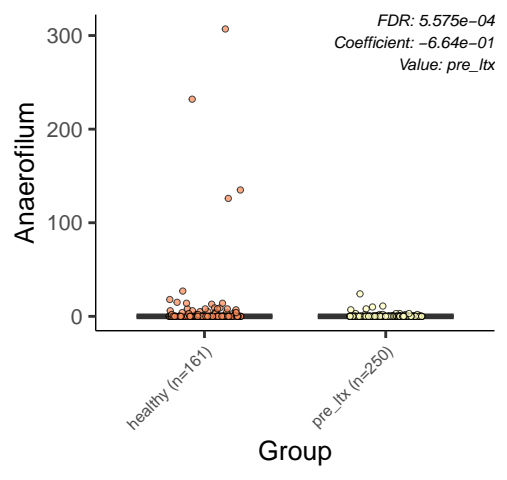
300
200
100
0

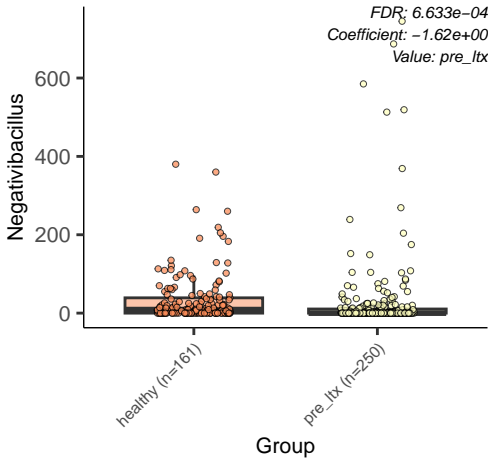
healthy (n=161)

pre_ltx (n=250)

Group

FDR: 5.575e-04
Coefficient: -6.64e-01
Value: pre_ltx





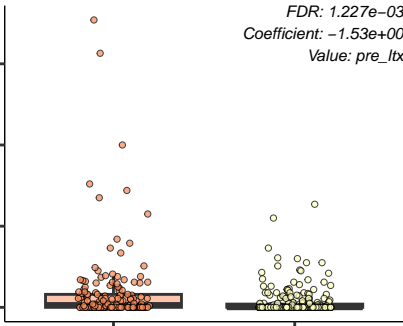
Adlercreutzia

FDR: 1.227e-03
Coefficient: -1.53e+00
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



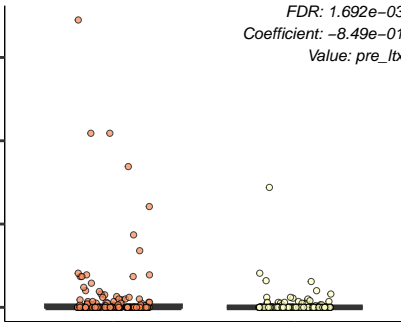
Merdibacter

FDR: 1.692e-03
Coefficient: -8.49e-01
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



Faecalibacterium

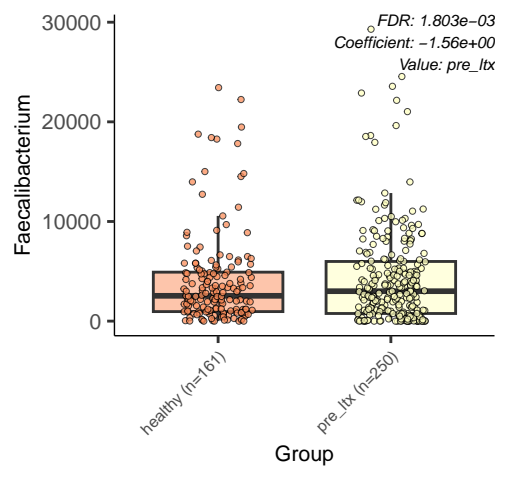
30000
20000
10000
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $1.803e-03$
Coefficient: $-1.56e+00$
Value: *pre_ltx*



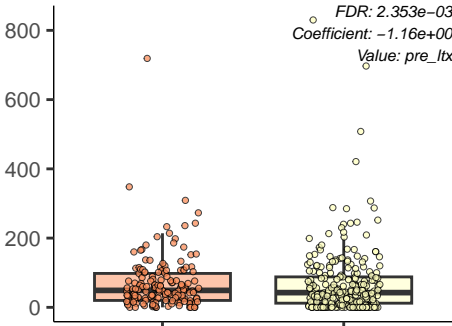
Incertae_Sedis

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $2.353e-03$
Coefficient: $-1.16e+00$
Value: *pre_ltx*



UCG.010

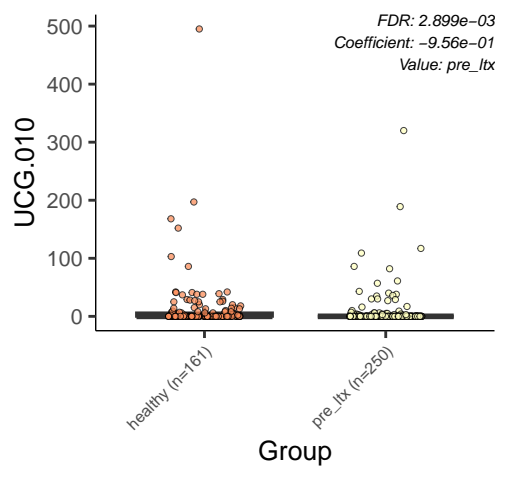
500
400
300
200
100
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 2.899e-03
Coefficient: -9.56e-01
Value: pre_ltx



Dialister

1500

1000

500

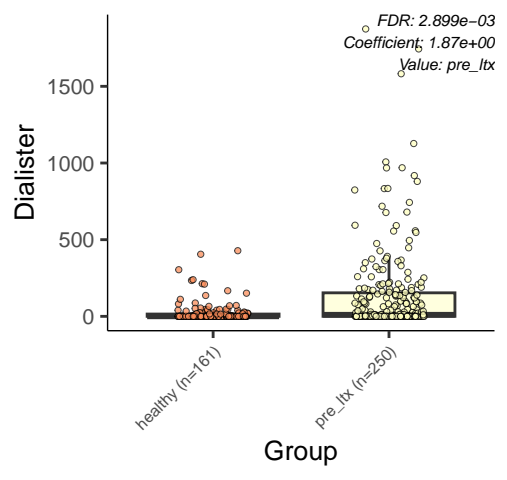
0

healthy (n=161)

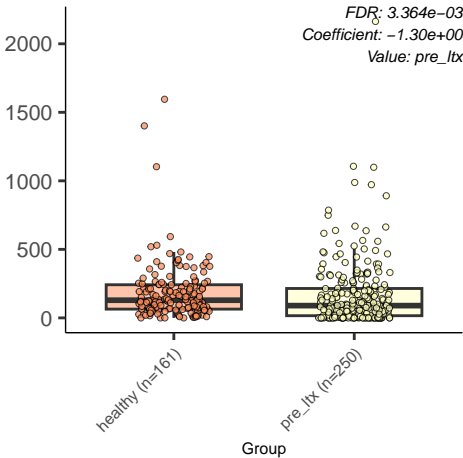
pre_ltx (n=250)

Group

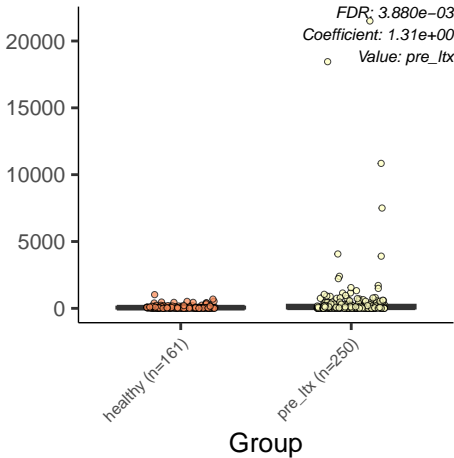
FDR: 2.899e-03
Coefficient: 1.87e+00
Value: pre_ltx



X.Eubacterium._hallii_group



Streptococcus



Ralstonia

100

50

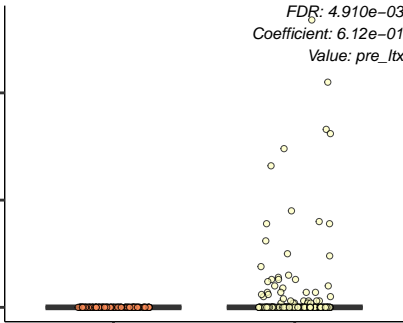
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $4.910e-03$
Coefficient: $6.12e-01$
Value: pre_ltx



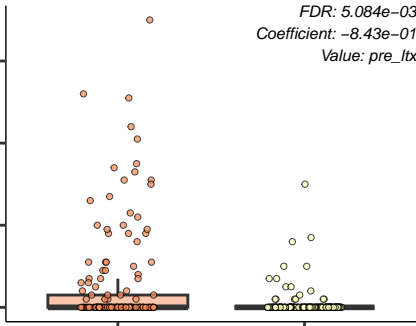
Enterorhabdus

FDR: $5.084e-03$
Coefficient: $-8.43e-01$
Value: *pre_ltx*

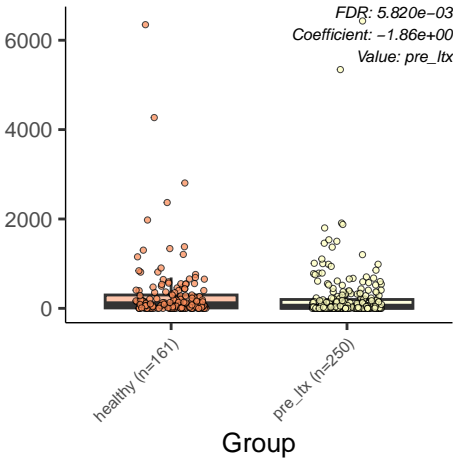
healthy (n=161)

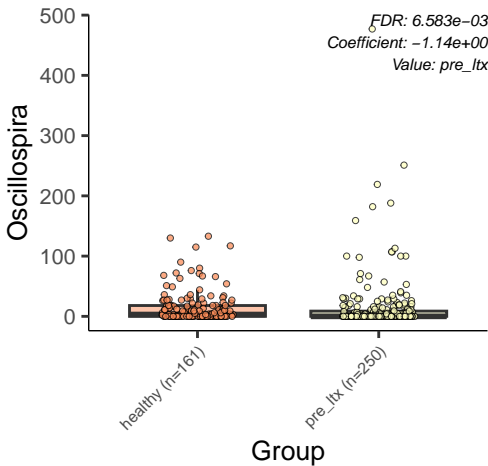
pre_ltx (n=250)

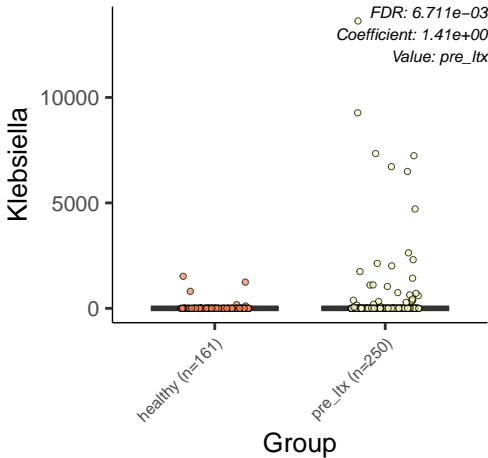
Group

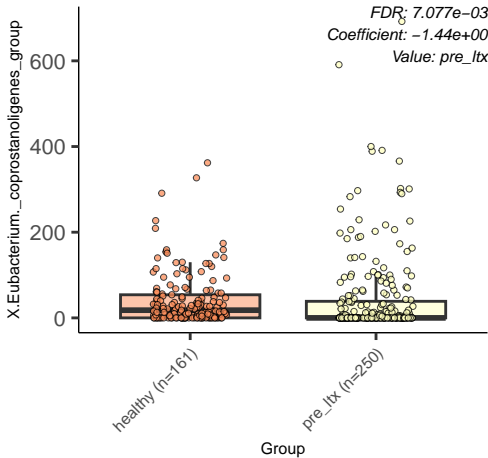


Agathobacter

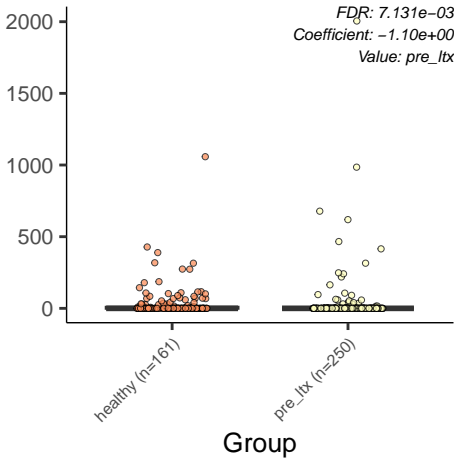


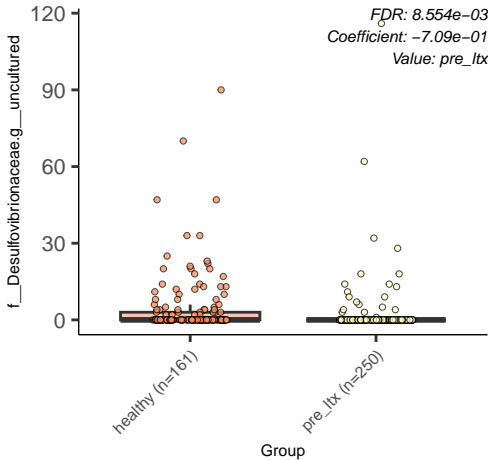


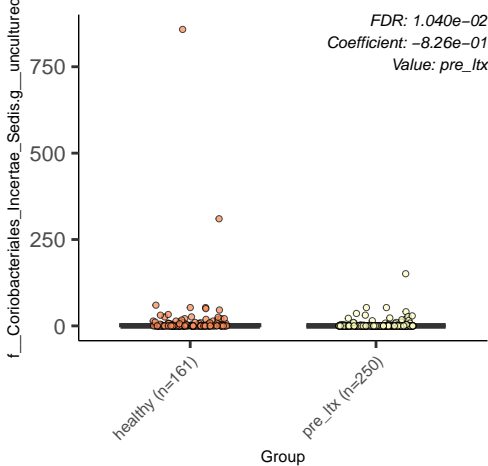




Muribaculaceae







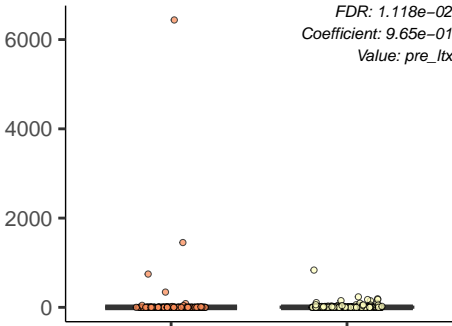
Pseudomonas

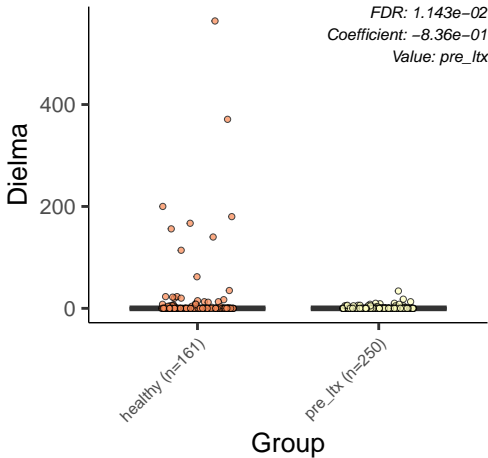
FDR: 1.118e-02
Coefficient: 9.65e-01
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group





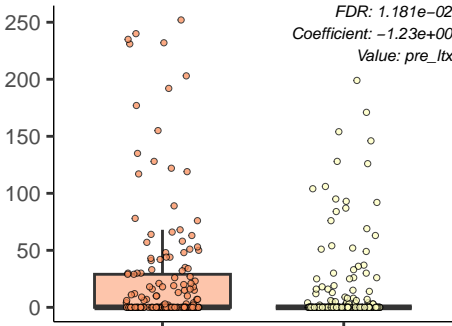
Slackia

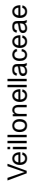
healthy (n=161)

pre_ltx (n=250)

Group

FDR: $1.181\text{e-}02$
Coefficient: $-1.23\text{e}+00$
Value: pre_ltx





○ *FDR: 1.189e-02*
Coefficient: 6.62e-01
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group

Lachnospiraceae_ND3007_group

FDR: 1.223e-02
Coefficient: -1.41e+00
Value: pre_ltx

600

400

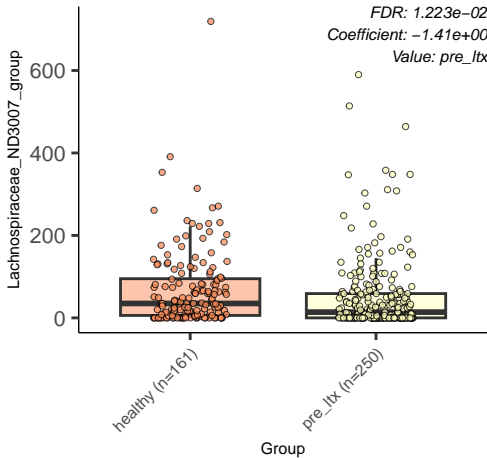
200

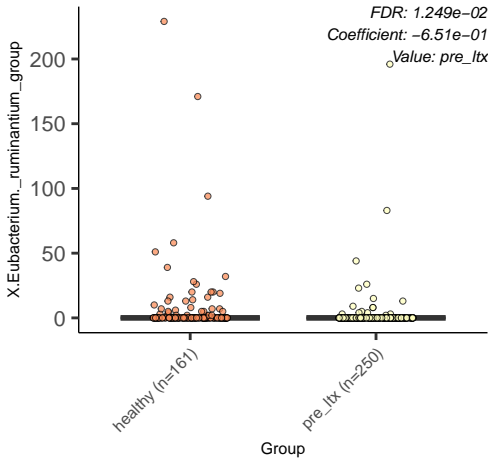
0

healthy (n=161)

pre_ltx (n=250)

Group





Intestinibacter

10000

5000

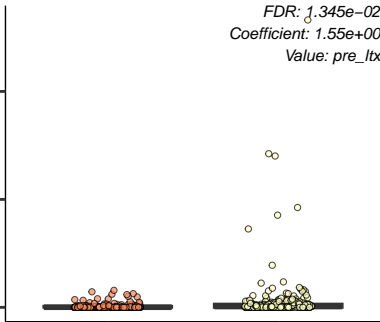
0

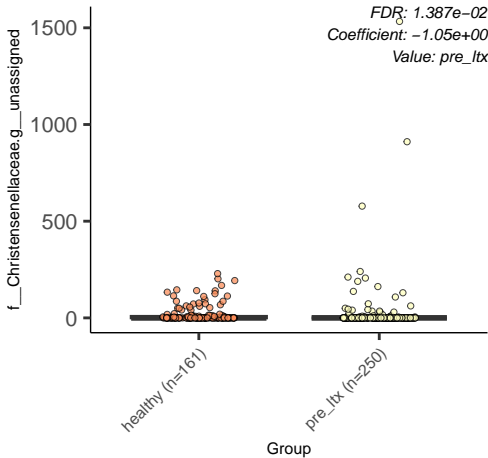
healthy (n=161)

pre_ltx (n=250)

Group

FDR: $1.345e-02$
Coefficient: $1.55e+00$
Value: pre_ltx





Fusicatenibacter

7500

5000

2500

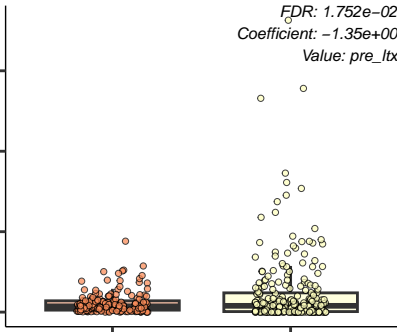
0

healthy (n=161)

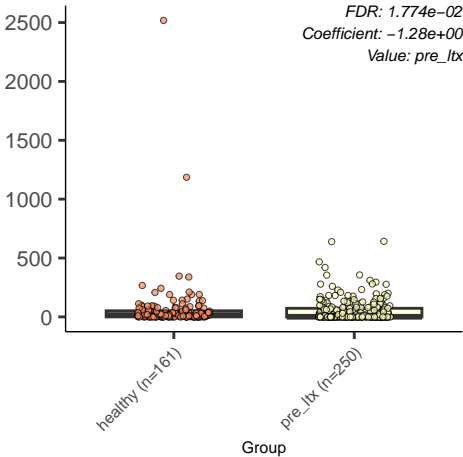
pre_ltx (n=250)

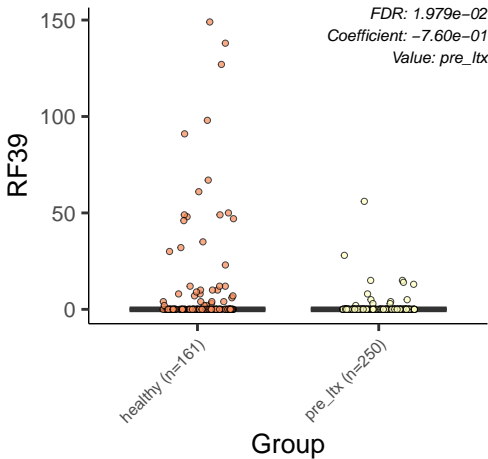
Group

FDR: $1.752e-02$
Coefficient: $-1.35e+00$
Value: pre_ltx



Lachnospiraceae_NK4A136_group





Parasutterella

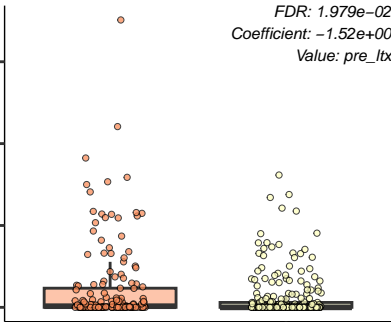
1500
1000
500
0

healthy (n=161)

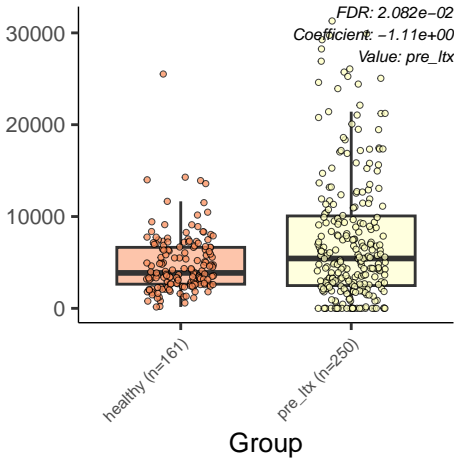
pre_ltx (n=250)

Group

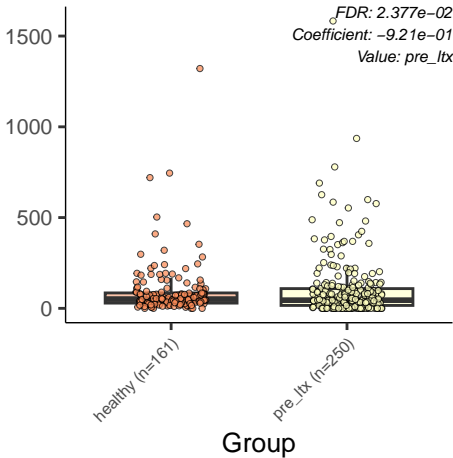
FDR: $1.979\text{e-}02$
Coefficient: $-1.52\text{e}+00$
Value: *pre_ltx*



Bacteroides



Butyricicoccus



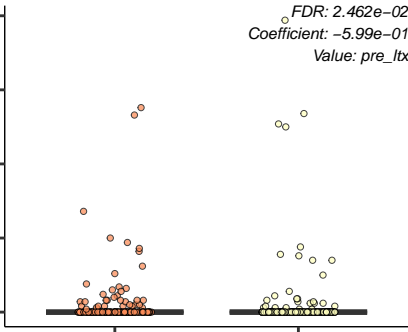
Pseudoflavonifractor

$FDR: 2.462e-02$
 $Coefficient: -5.99e-01$
 $Value: pre_ltx$

healthy (n=161)

pre_ltx (n=250)

Group



Peptococcus

200

100

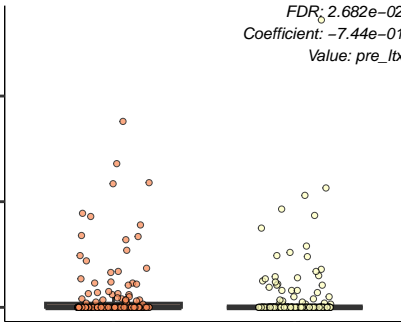
0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: $2.682e-02$
Coefficient: $-7.44e-01$
Value: pre_ltx



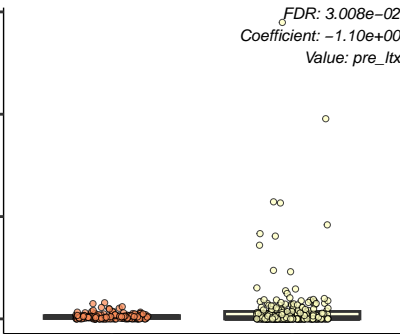
Lachnospiraceae_FCS020_group

FDR: 3.008e-02
Coefficient: -1.10e+00
Value: pre_ltx

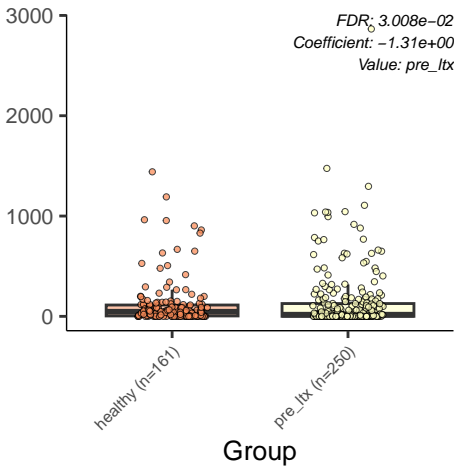
healthy (n=161)

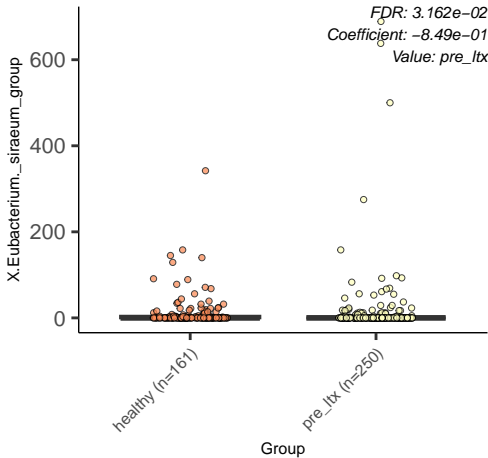
pre_ltx (n=250)

Group

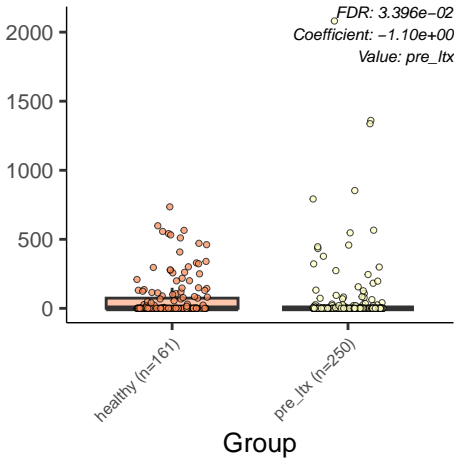


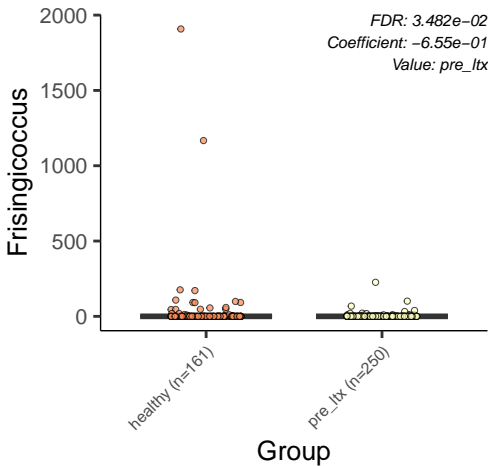
Ruminococcus





Holdemanella





Romboutsia

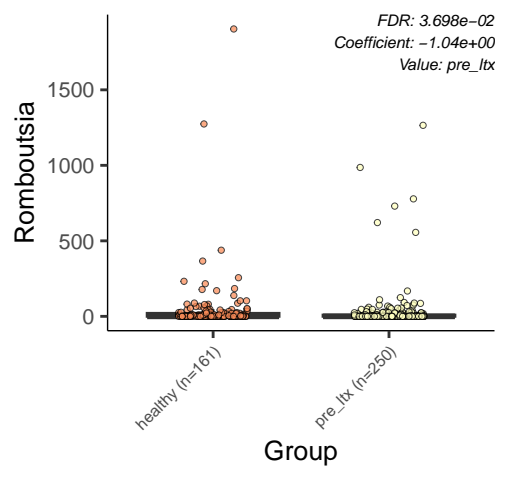
FDR: 3.698e-02
Coefficient: -1.04e+00
Value: pre_ltx

healthy (n=161)

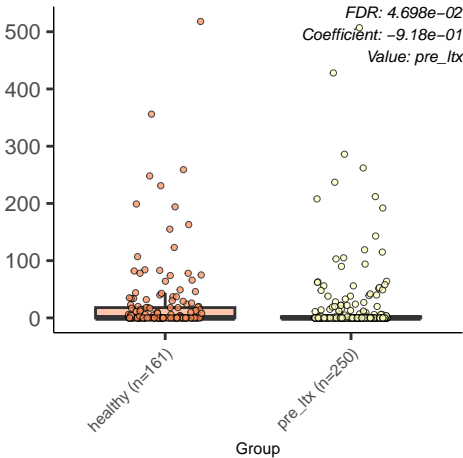
pre_ltx (n=250)

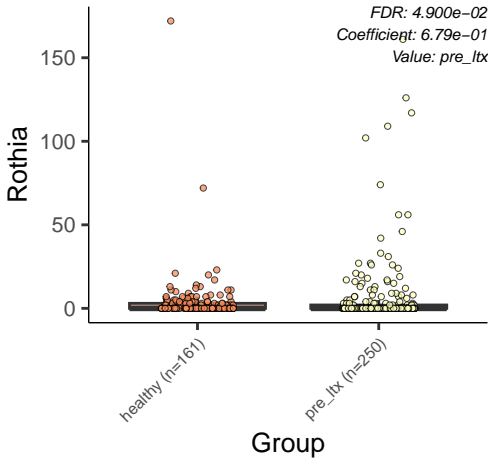
Group

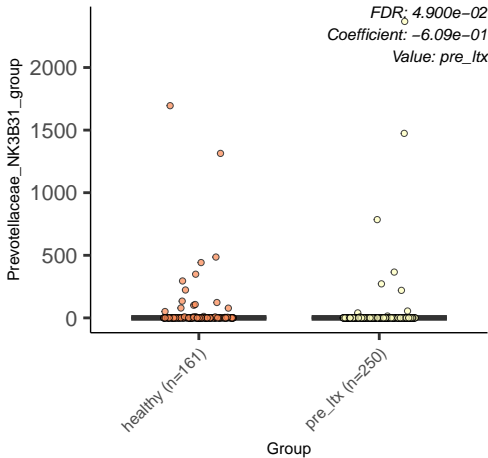
1500
1000
500
0



f_Eggerthellaceae.g__uncultured







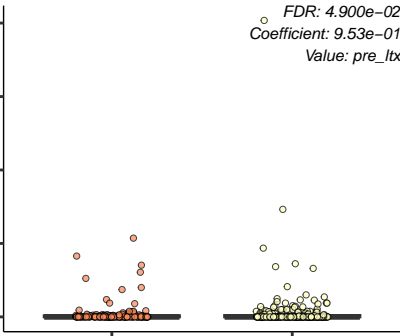
X.Clostridium._innocuum_group

FDR: 4.900e-02
Coefficient: 9.53e-01
Value: pre_ltx

healthy (n=161)

pre_ltx (n=250)

Group



Paraprevotella

2000

1500

1000

500

0

healthy (n=161)

pre_ltx (n=250)

Group

FDR: 4.959e-02
Coefficient: -9.82e-01
Value: pre_ltx

