

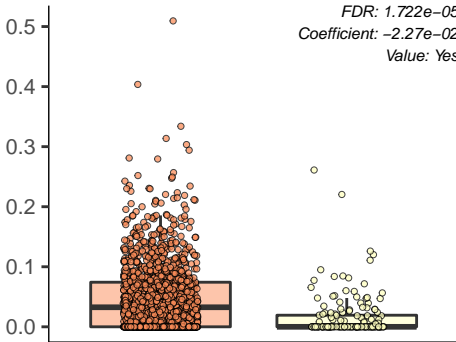
Roseburia.inulinivorans

FDR:  $1.722e-05$   
Coefficient:  $-2.27e-02$   
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



Roseburia.intestinalis

FDR: 2.224e-05

Coefficient: -5.64e-02

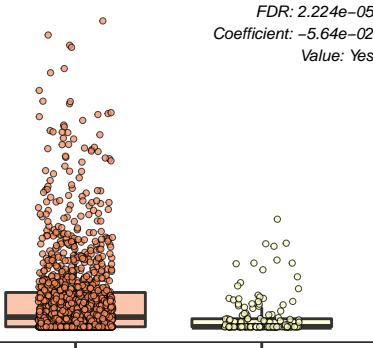
Value: Yes

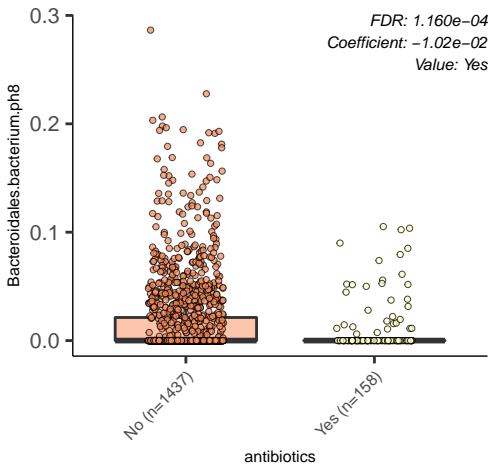
No (n=1437)

Yes (n=158)

antibiotics

0.0  
0.3  
0.6  
0.9





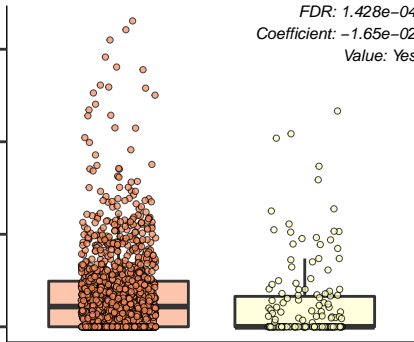
Roseburia.hominis

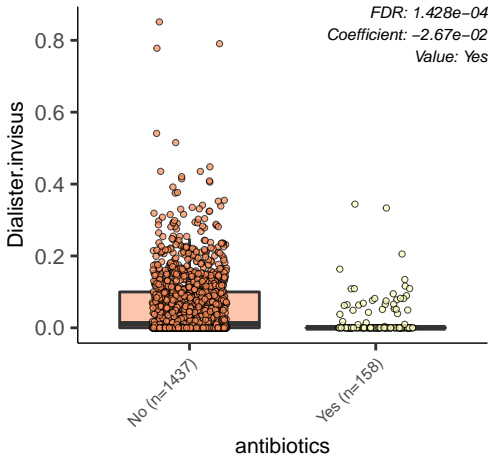
FDR: 1.428e-04  
Coefficient: -1.65e-02  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics





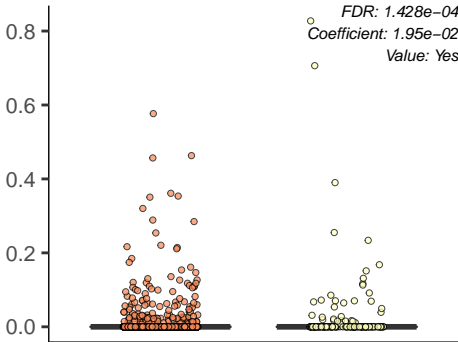
*Klebsiella.pneumoniae*

FDR: 1.428e-04  
Coefficient: 1.95e-02  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



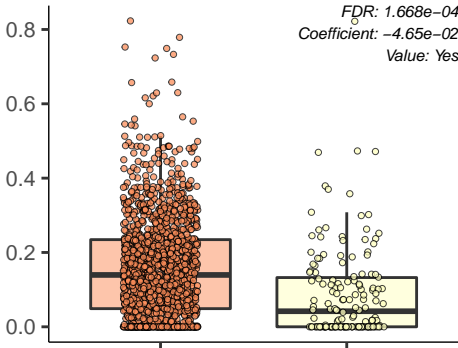
Eubacterium.rectale

*FDR: 1.668e-04*  
*Coefficient: -4.65e-02*  
*Value: Yes*

No (n=1437)

Yes (n=158)

antibiotics





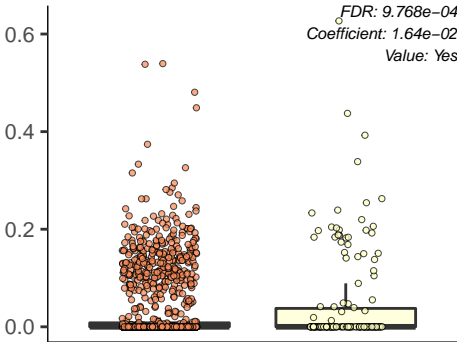
*Sutterella.wadsworthensis*

FDR:  $9.768e-04$   
Coefficient:  $1.64e-02$   
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



Bacteroides.thetaiotaomicronn

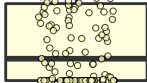
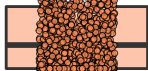
0.6  
0.4  
0.2  
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR: 1.181e-03  
Coefficient: 2.11e-02  
Value: Yes



Ruminococcus.callidus

0.2

0.1

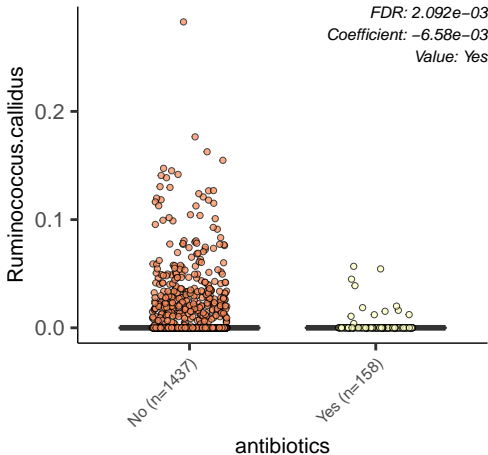
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR:  $2.092e-03$   
Coefficient:  $-6.58e-03$   
Value: Yes



Bacteroides.finegoldii

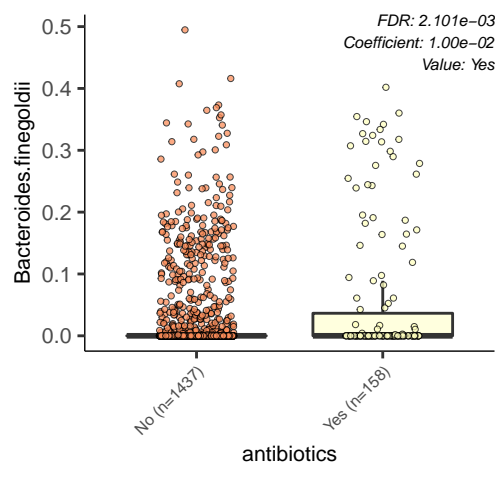
0.5  
0.4  
0.3  
0.2  
0.1  
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR: 2.101e-03  
Coefficient: 1.00e-02  
Value: Yes



Alistipes.underdonkii

FDR:  $2.135e-03$

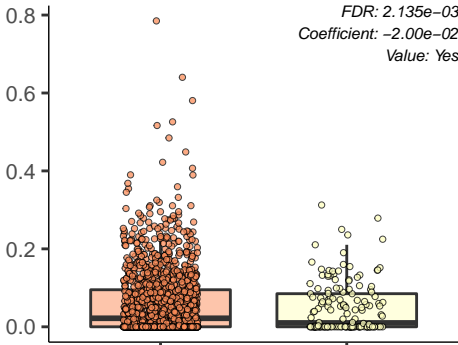
Coefficient:  $-2.00e-02$

Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



Dorea.longicatena

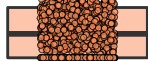
0.3  
0.2  
0.1  
0.0

*FDR: 5.862e-03*  
*Coefficient: -9.21e-03*  
*Value: Yes*

No (n=1437)

Yes (n=158)

antibiotics



Bifidobacterium.pseudocatenulatum

FDR: 5.863e-03  
Coefficient: 5.92e-03  
Value: Yes

0.2

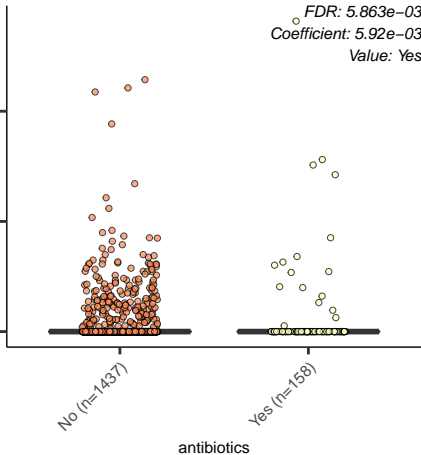
0.1

0.0

No (n=1437)

Yes (n=158)

antibiotics



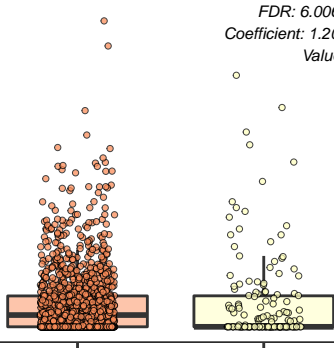
Bifidobacterium.longum

FDR: 6.006e-03  
Coefficient: 1.20e-02  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics





Clostridium.bolteae

0.6

0.4

0.2

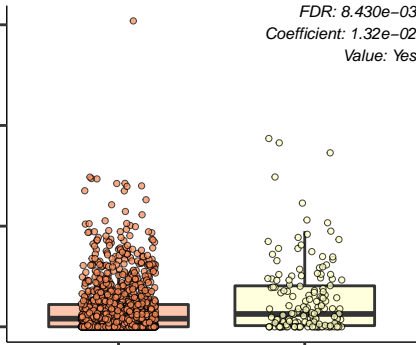
0.0

No (n=1437)

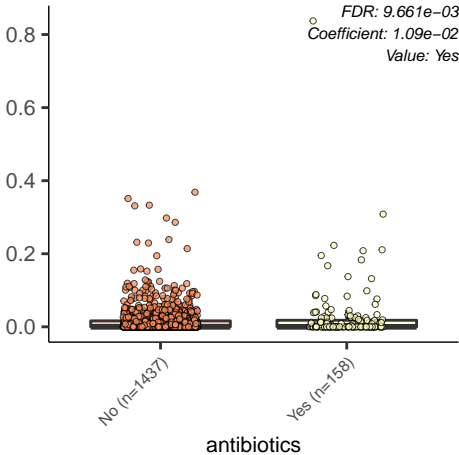
Yes (n=158)

antibiotics

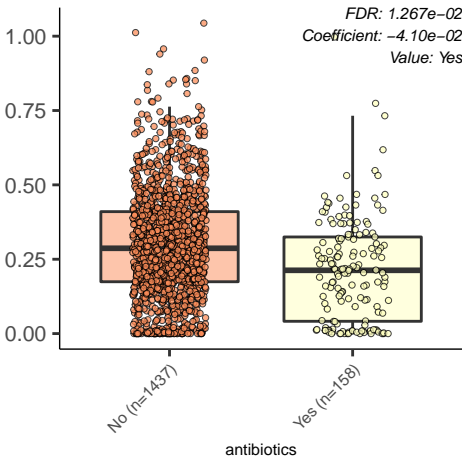
FDR: 8.430e-03  
Coefficient: 1.32e-02  
Value: Yes



Clostridium.hathewayi



Faecalibacterium.prausnitzii



Ruminococcus.bromii

0.6

0.4

0.2

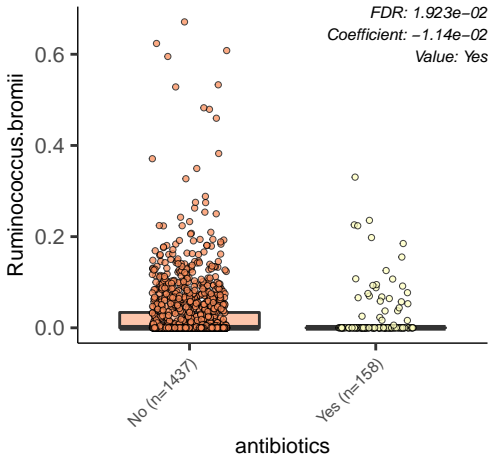
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR:  $1.923e-02$   
Coefficient:  $-1.14e-02$   
Value: Yes



Eubacterium.eligens

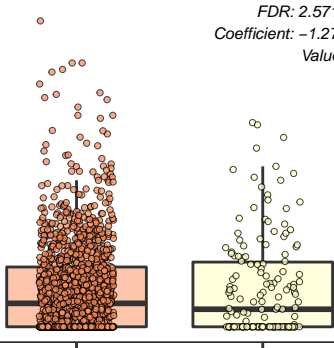
0.4  
0.3  
0.2  
0.1  
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR: 2.571e-02  
Coefficient: -1.27e-02  
Value: Yes



Ruminococcus.obelum

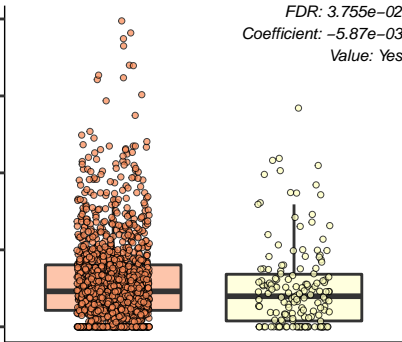
0.20  
0.15  
0.10  
0.05  
0.00

No (n=1437)

Yes (n=158)

antibiotics

FDR:  $3.755e-02$   
Coefficient:  $-5.87e-03$   
Value: Yes



Bacteroides.fragilis

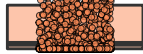
1.00  
0.75  
0.50  
0.25  
0.00

*FDR: 4.580e-02*  
*Coefficient: -2.61e-02*  
*Value: Yes*

No (n=1437)

Yes (n=158)

antibiotics



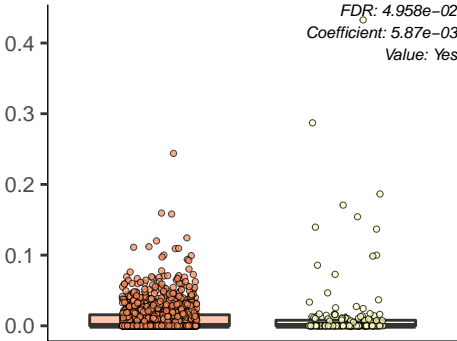
Escherichia.unclassified

*FDR: 4.958e-02*  
*Coefficient: 5.87e-03*  
*Value: Yes*

No (n=1437)

Yes (n=158)

antibiotics





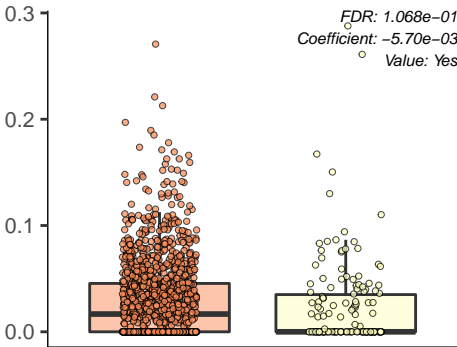
Bilophila.unclassified

FDR: 1.068e-01  
Coefficient: -5.70e-03  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



Eubacterium.sp.3.1.31

FDR: 1.113e-01

Coefficient: -3.25e-03

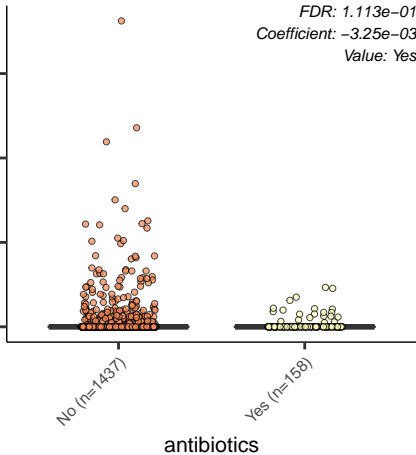
Value: Yes

0.3  
0.2  
0.1  
0.0

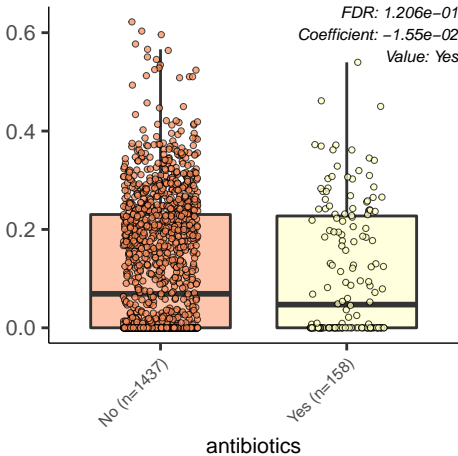
No (n=1437)

Yes (n=158)

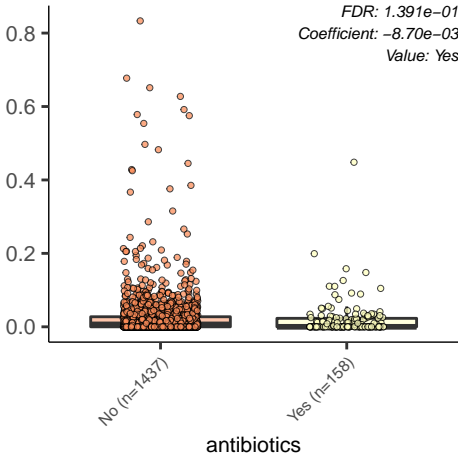
antibiotics



Alistipes.putredinis



Veillonella.parvula



Bacteroides.caccae

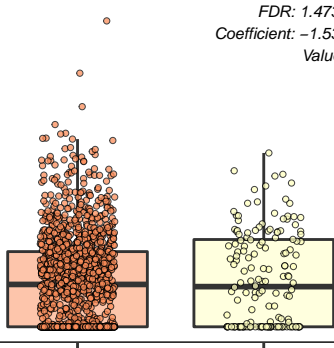
0.8  
0.6  
0.4  
0.2  
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR:  $1.473e-01$   
Coefficient:  $-1.53e-02$   
Value: Yes



Parabacteroides.distasonis

FDR: 1.925e-01  
Coefficient: 1.14e-02  
Value: Yes

0.75

0.50

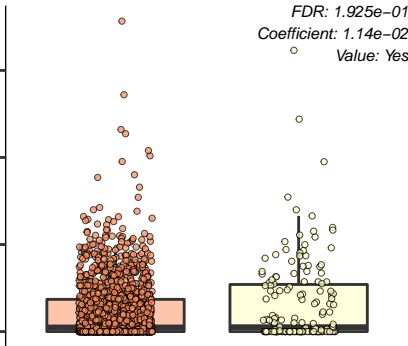
0.25

0.00

No (n=1437)

Yes (n=158)

antibiotics



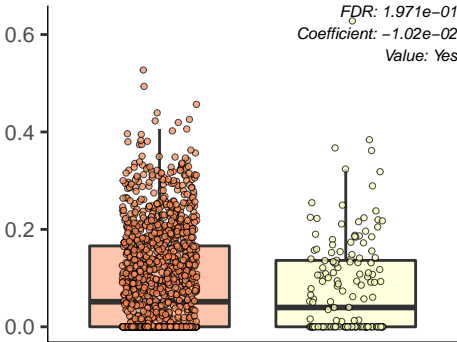
Parabacteroides.merdae

FDR: 1.971e-01  
Coefficient: -1.02e-02  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics



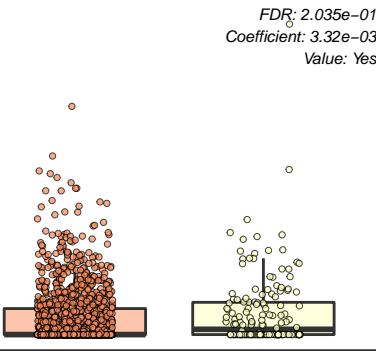
Parasutterella.excrementihominis

FDR: 2.035e-01  
Coefficient: 3.32e-03  
Value: Yes

No (n=1437)

Yes (n=158)

antibiotics





Bifidobacterium.adolescentis

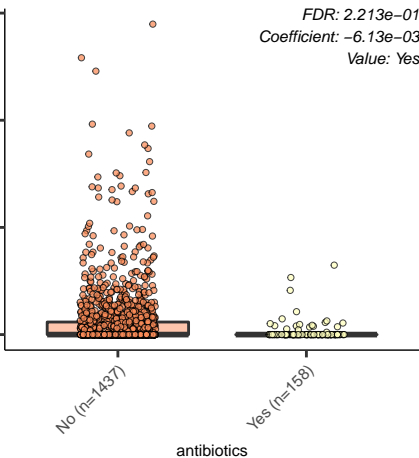
0.6  
0.4  
0.2  
0.0

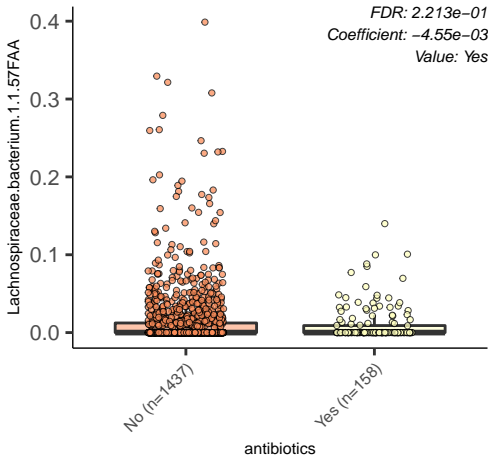
*FDR: 2.213e-01*  
*Coefficient: -6.13e-03*  
*Value: Yes*

No (n=1437)

Yes (n=158)

antibiotics





Akkermansia.muciniphila

0.9

0.6

0.3

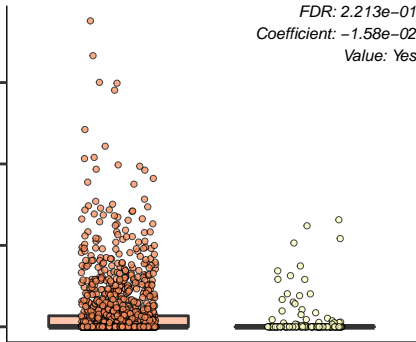
0.0

No (n=1437)

Yes (n=158)

antibiotics

FDR: 2.213e-01  
Coefficient: -1.58e-02  
Value: Yes



Clostridium.symbiosum

0.3

0.2

0.1

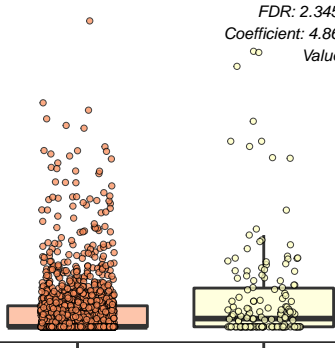
0.0

No (n=1437)

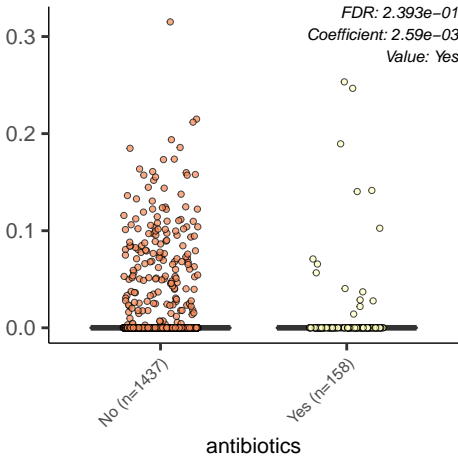
Yes (n=158)

antibiotics

FDR: 2.345e-01  
Coefficient: 4.86e-03  
Value: Yes



Paraprevotella.clara



Bacteroides.faecis

