

Akkermansia.muciniphila

0.8  
0.6  
0.4  
0.2  
0.0

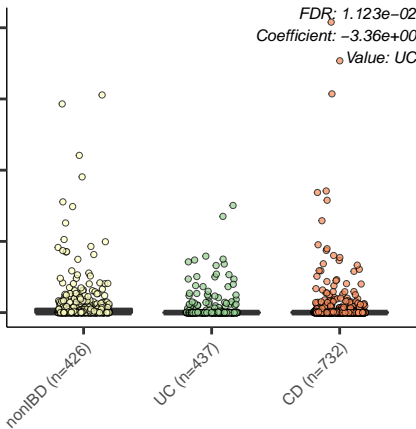
FDR:  $1.123 \times 10^{-2}$   
Coefficient:  $-3.36 \times 10^0$   
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.bolteae

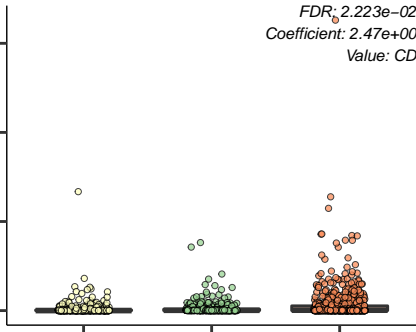
FDR:  $2.223e-02$   
Coefficient:  $2.47e+00$   
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bifidobacterium.adolescentis

0.3  
0.2  
0.1  
0.0

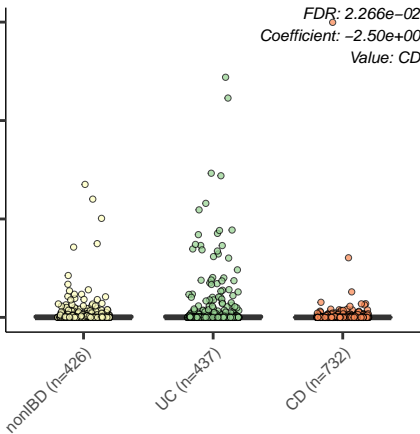
*FDR: 2.266e-02*  
*Coefficient: -2.50e+00*  
*Value: CD*

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Parabacteroides.goldsteinii

0.08  
0.06  
0.04  
0.02  
0.00

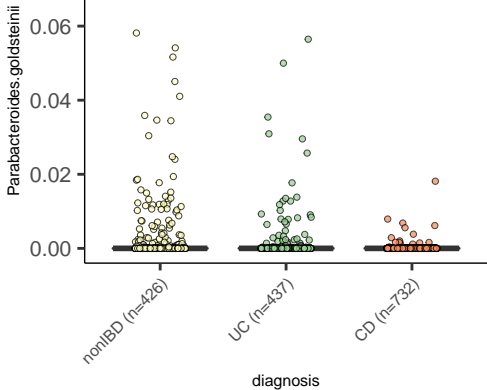
*FDR: 2.281e-02*  
*Coefficient: -1.65e+00*  
*Value: CD*

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.putredinis

0.3  
0.2  
0.1  
0.0

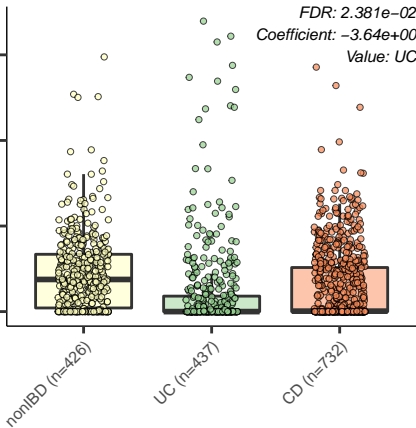
nonIBD (n=426)

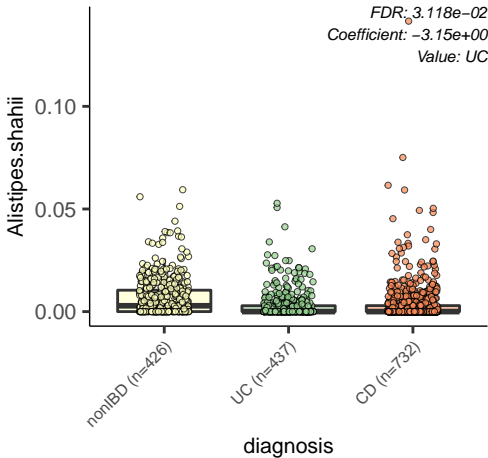
UC (n=437)

CD (n=732)

diagnosis

FDR:  $2.381e-02$   
Coefficient:  $-3.64e+00$   
Value: UC





Coprobacillus.unclassified

0.100  
0.075  
0.050  
0.025  
0.000

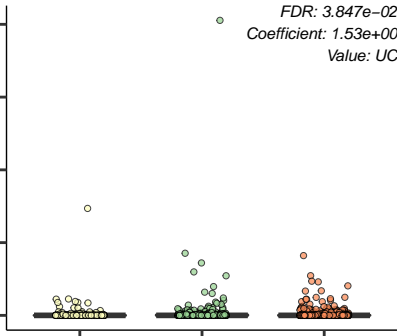
*FDR: 3.847e-02*  
*Coefficient: 1.53e+00*  
*Value: UC*

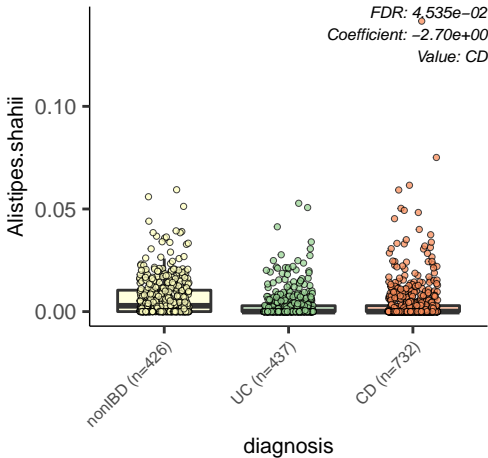
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis







Ruminococcus.callidus

0.08  
0.06  
0.04  
0.02  
0.00

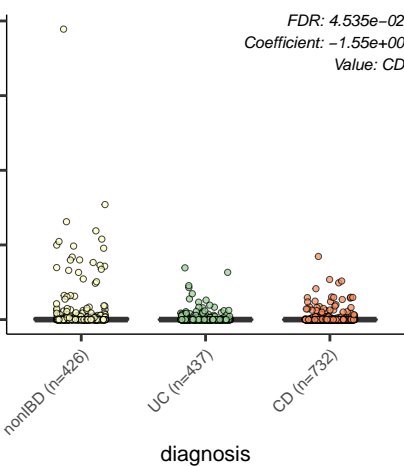
*FDR: 4.535e-02*  
*Coefficient: -1.55e+00*  
*Value: CD*

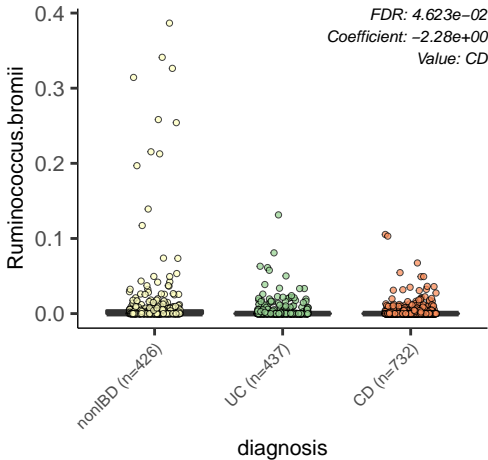
nonIBD (n=426)

UC (n=437)

CD (n=732)

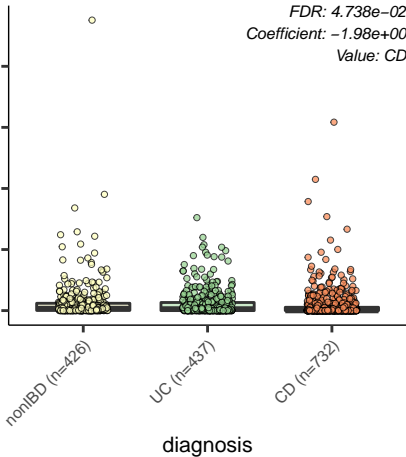
diagnosis

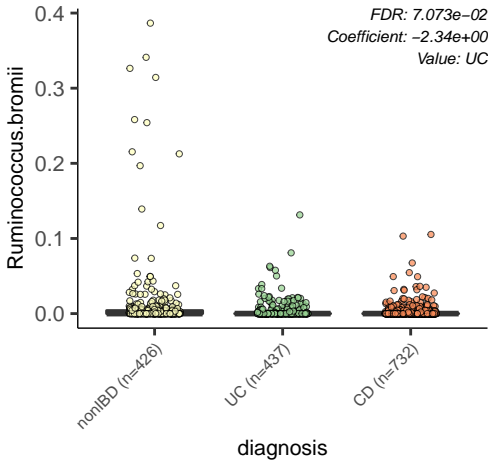




Roseburia.inulinivorans

FDR:  $4.738e-02$   
Coefficient:  $-1.98e+00$   
Value: CD





Alistipes.finegoldii

0.10

0.05

0.00

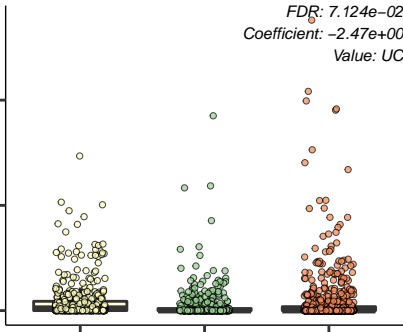
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR:  $7.124e-02$   
Coefficient:  $-2.47e+00$   
Value: UC



Clostridium.symbiosum

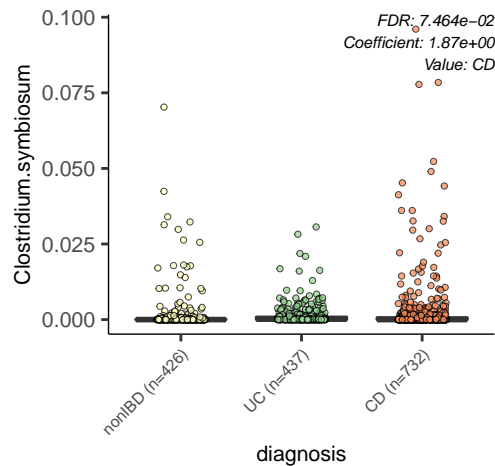
FDR:  $7.464e-02$   
Coefficient:  $1.87e+00$   
Value: CD

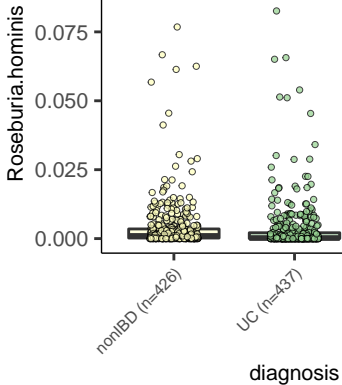
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Clostridium.symbiosum

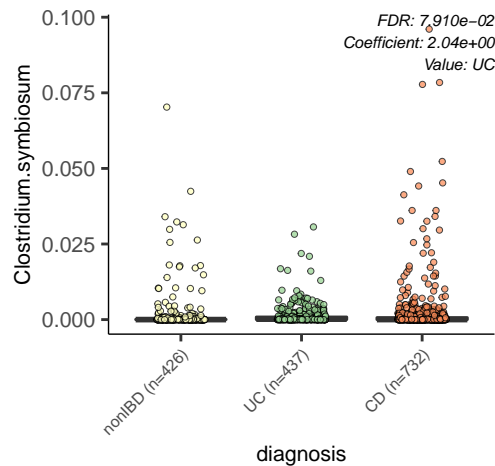
FDR:  $7.910e-02$   
Coefficient:  $2.04e+00$   
Value: UC

nonIBD (n=426)

UC (n=437)

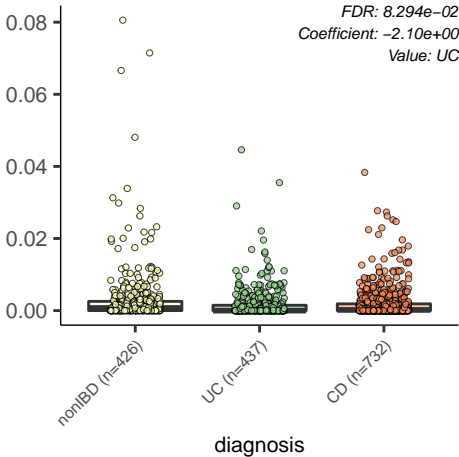
CD (n=732)

diagnosis





Bilophila.unclassified



Akkermansia.muciniphila

0.8  
0.6  
0.4  
0.2  
0.0

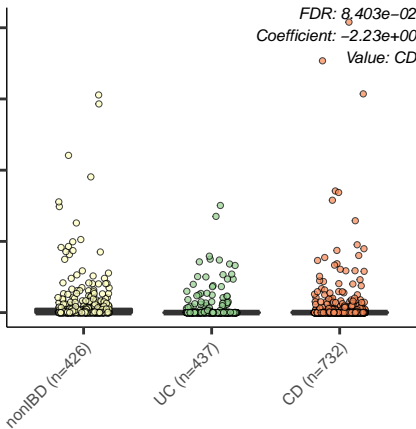
FDR:  $8.403e-02$   
Coefficient:  $-2.23e+00$   
Value: CD

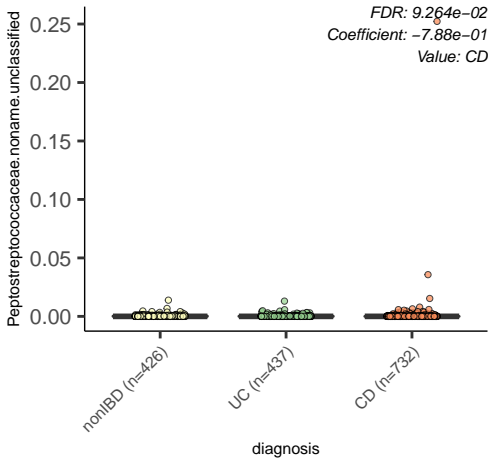
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Clostridium.leptum

0.15  
0.10  
0.05  
0.00

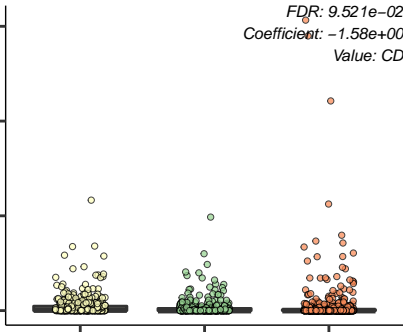
*FDR: 9.521e-02*  
*Coefficient: -1.58e+00*  
*Value: CD*

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.underdonkii

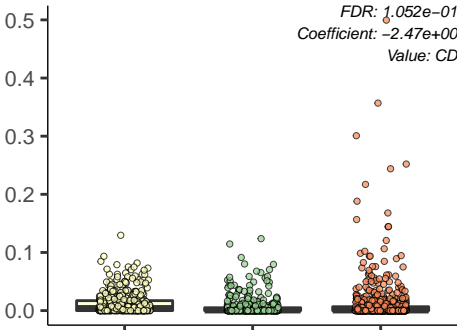
FDR:  $1.052e-01$   
Coefficient:  $-2.47e+00$   
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Barnesiella.intestinihominis

0.15

0.10

0.05

0.00

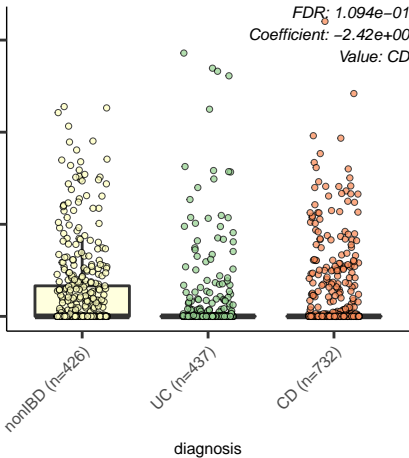
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR:  $1.094e-01$   
Coefficient:  $-2.42e+00$   
Value: CD



Alistipes.underdonkii

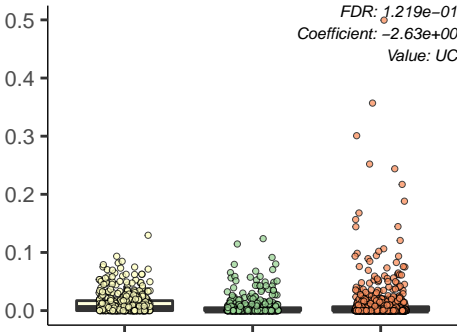
FDR:  $1.219 \times 10^{-1}$   
Coefficient:  $-2.63 \times 10^0$   
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.clostridioforme

*FDR: 1.287e-01*  
*Coefficient: 1.56e+00*  
*Value: CD*

0.20

0.15

0.10

0.05

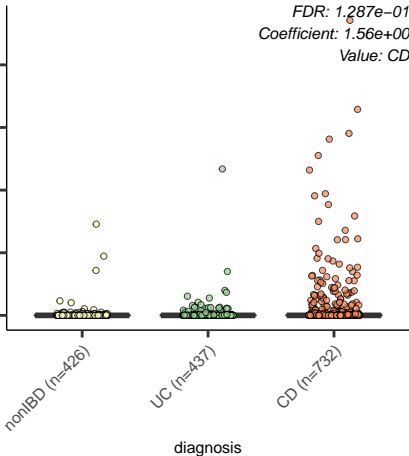
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Clostridium.leptum

0.15  
0.10  
0.05  
0.00

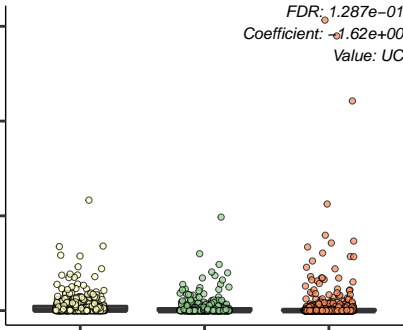
FDR:  $1.287e-01$   
Coefficient:  $-1.62e+00$   
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Sutterella.wadsworthensis

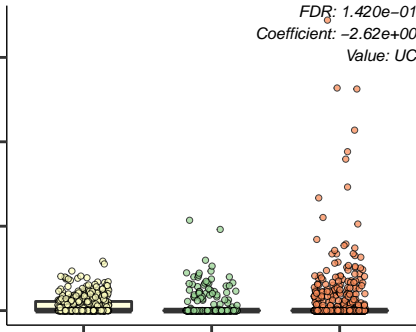
FDR:  $1.420e-01$   
Coefficient:  $-2.62e+00$   
Value: UC

nonIBD (n=426)

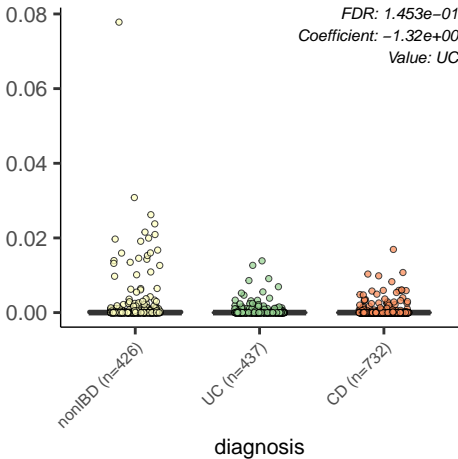
UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.callidus



Coprobacillus.unclassified

0.100  
0.075  
0.050  
0.025  
0.000

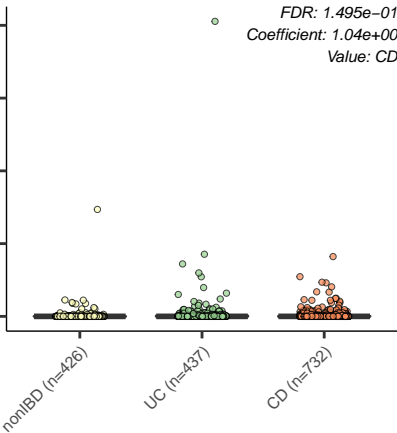
*FDR: 1.495e-01*  
*Coefficient: 1.04e+00*  
*Value: CD*

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bacteroides.eggerthii

FDR:  $1.541e-01$   
Coefficient:  $-1.92e+00$   
Value: CD

0.4

0.2

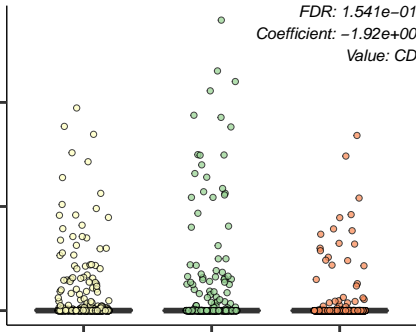
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.ventriosum

FDR: 1.622e-01  
Coefficient: -1.72e+00  
Value: CD

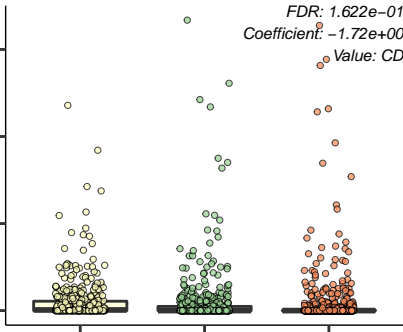
0.06  
0.04  
0.02  
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.putredinis

FDR: 1.630e-01  
Coefficient: -2.23e+00  
Value: CD

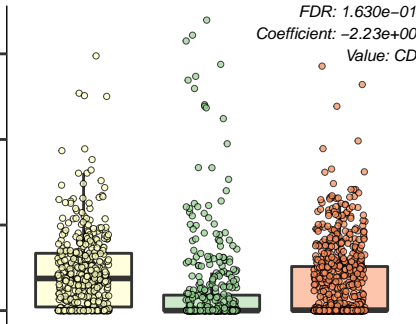
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

0.0  
0.1  
0.2  
0.3



Parabacteroides.distasonis

0.6

0.4

0.2

0.0

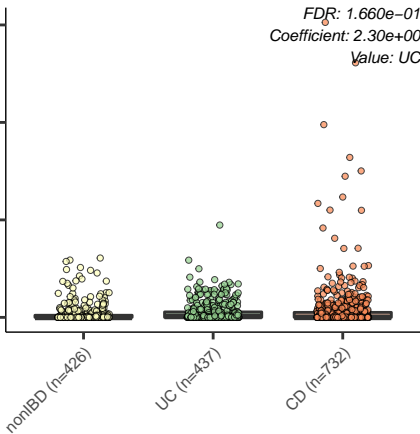
*FDR: 1.660e-01*  
*Coefficient: 2.30e+00*  
*Value: UC*

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Ruminococcus.lactaris

0.06

0.04

0.02

0.00

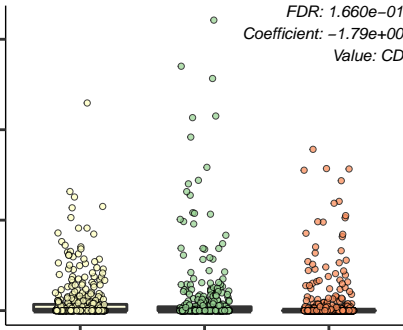
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.660e-01  
Coefficient: -1.79e+00  
Value: CD



Roseburia.hominis

0.100

0.075

0.050

0.025

0.000

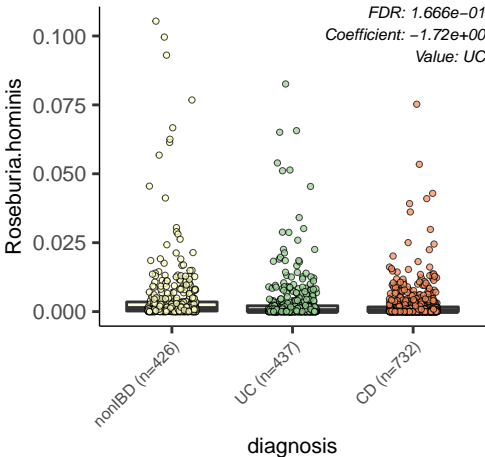
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.666e-01  
Coefficient: -1.72e+00  
Value: UC



Parabacteroides.goldsteinii

0.08  
0.06  
0.04  
0.02  
0.00

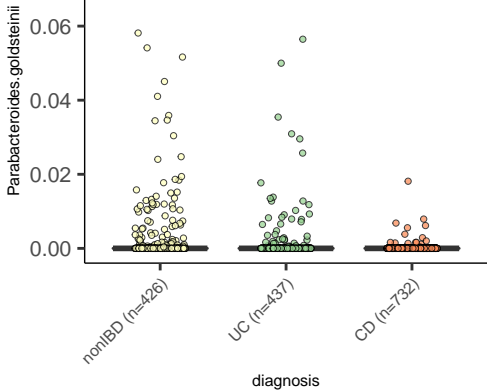
FDR: 1.676e-01  
Coefficient: -1.19e+00  
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Subdoligranulum.unclassified

FDR: 1.676e-01  
Coefficient: -7.99e-01  
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

0.3

0.2

0.1

0.0

Eubacterium.hallii

0.06

0.04

0.02

0.00

nonIBD (n=426)

UC (n=437)

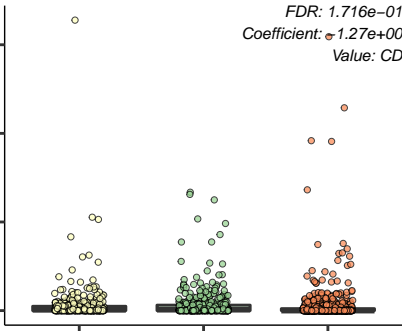
CD (n=732)

diagnosis

FDR: 1.716e-01

Coefficient: 1.27e+00

Value: CD



Barnesiella.intestinihominis

0.15

0.10

0.05

0.00

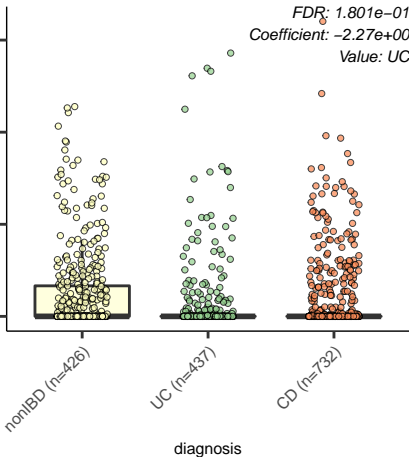
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.801e-01  
Coefficient: -2.27e+00  
Value: UC



Bacteroides.finegoldii

0.20

0.15

0.10

0.05

0.00

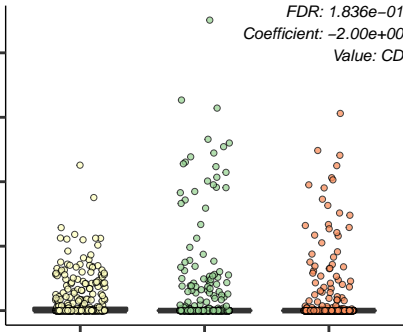
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.836e-01  
Coefficient: -2.00e+00  
Value: CD



Bacteroidales.bacterium.ph8

0.08  
0.06  
0.04  
0.02  
0.00

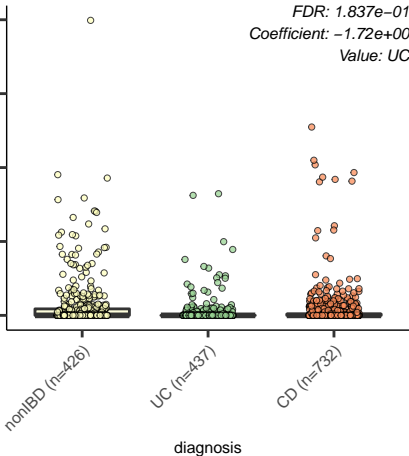
*FDR: 1.837e-01*  
*Coefficient: -1.72e+00*  
*Value: UC*

nonIBD (n=426)

UC (n=437)

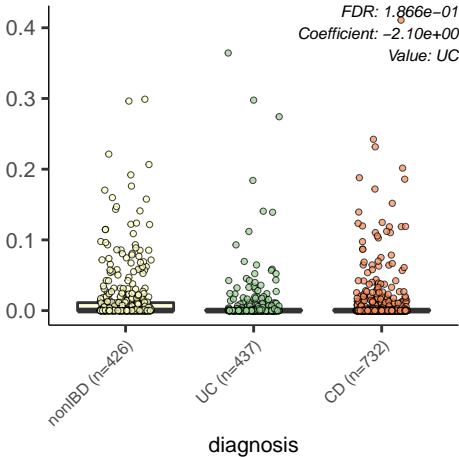
CD (n=732)

diagnosis





Eubacterium.siraeum



Sutterella.wadsworthensis

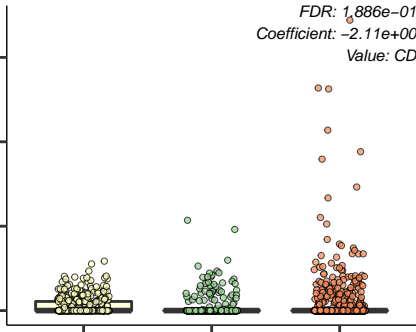
FDR:  $1.886e-01$   
Coefficient:  $-2.11e+00$   
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Oscillibacter. unclassified

FDR: 1.940e-01  
Coefficient: 1.24e+00  
Value: UC

0.2

0.1

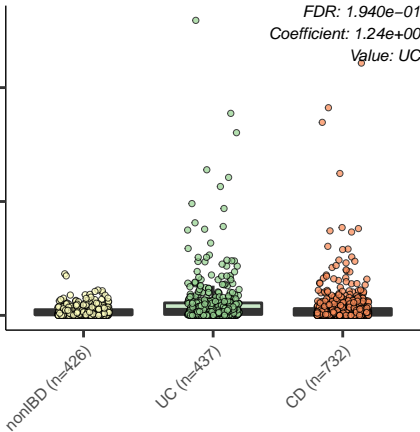
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Parabacteroides.unclassified

FDR:  $1.972e-01$   
Coefficient:  $1.58e+00$   
Value: CD

0.2

0.1

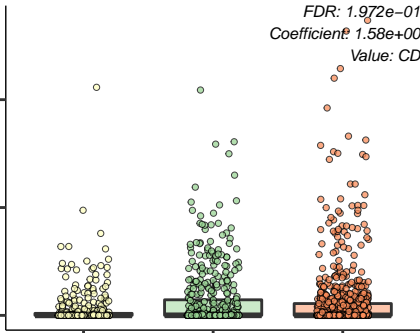
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.finegoldii

FDR:  $1.972 \times 10^{-1}$   
Coefficient:  $-1.65 \times 10^0$   
Value: CD

0.10

0.05

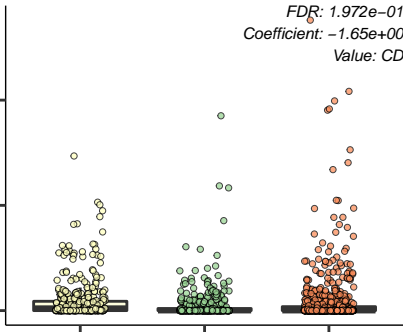
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.gnavus

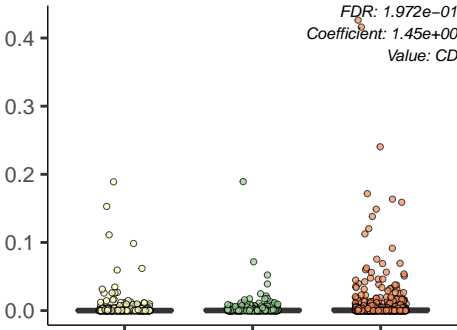
FDR: 1.972e-01  
Coefficient: 1.45e+00  
Value: CD

nonIBD (n=426)

UC (n=437)

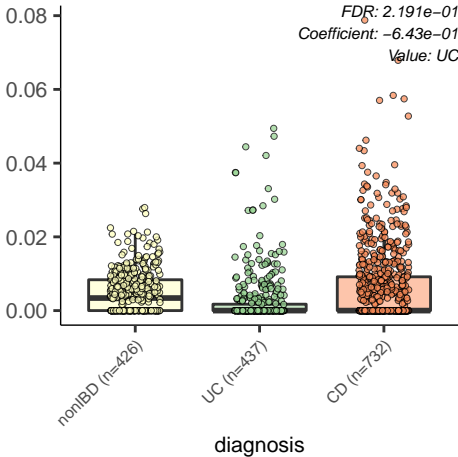
CD (n=732)

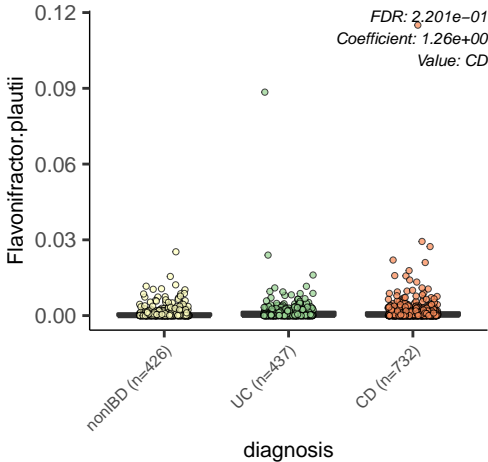
diagnosis



Odoribacter.splanchnicus

FDR: 2.191e-01  
Coefficient: -6.43e-01  
Value: UC







Bacteroides.ovatus

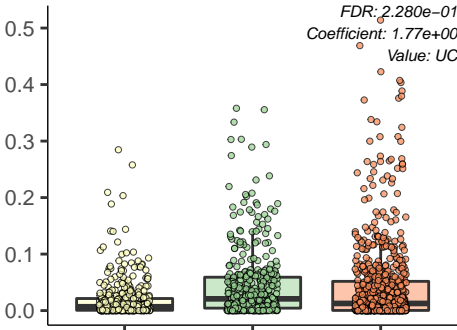
FDR: 2.280e-01  
Coefficient: 1.77e+00  
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bacteroides.fragilis

FDR: 2.335e-01  
Coefficient: 2.24e+00  
Value: CD

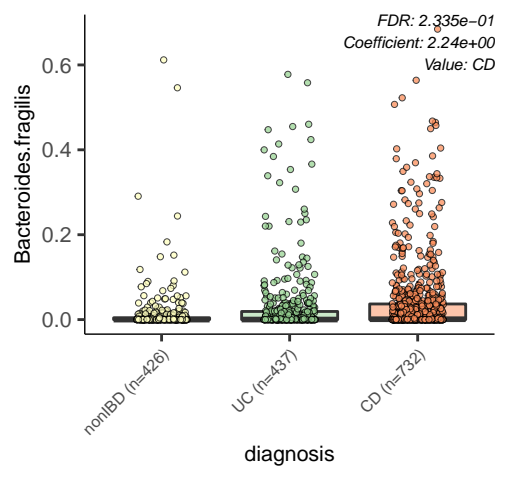
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

0.0  
0.2  
0.4  
0.6



Clostridium.bolteae

FDR: 2.416e-01  
Coefficient: 1.52e+00  
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

