

Akkermansia.muciniphila

0.8
0.6
0.4
0.2
0.0

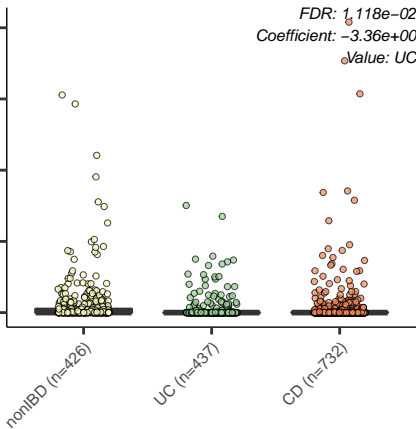
FDR: $1.118e-02$
Coefficient: $-3.36e+00$
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.bolteae

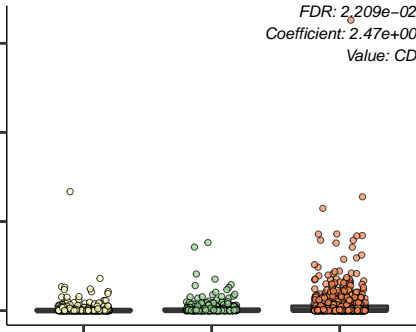
FDR: $2.209e-02$
Coefficient: $2.47e+00$
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bifidobacterium.adolescentis

0.3
0.2
0.1
0.0

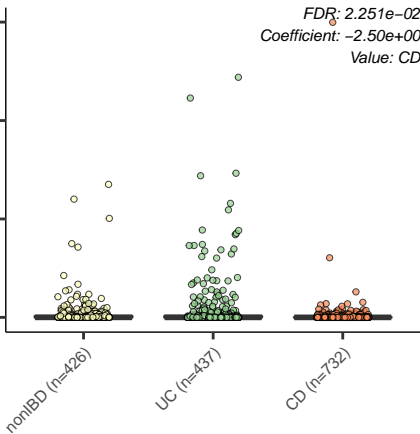
FDR: 2.251e-02
Coefficient: -2.50e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Parabacteroides.goldsteinii

0.08
0.06
0.04
0.02
0.00

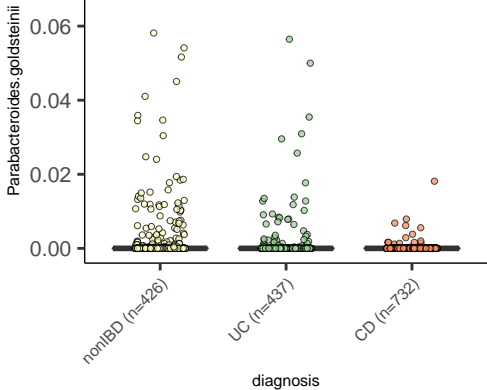
FDR: 2.264e-02
Coefficient: -1.65e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.putredinis

0.3
0.2
0.1
0.0

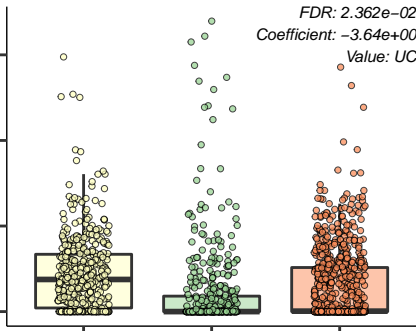
nonIBD (n=426)

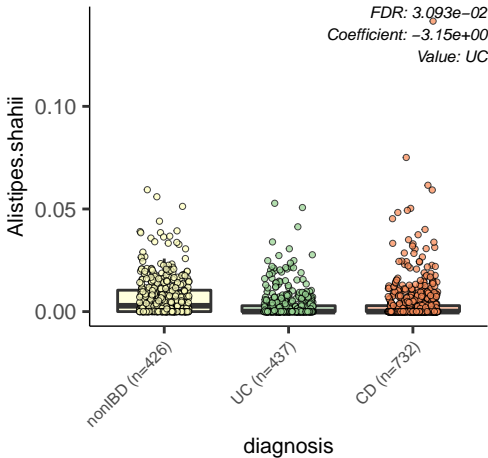
UC (n=437)

CD (n=732)

diagnosis

FDR: $2.362e-02$
Coefficient: $-3.64e+00$
Value: UC





Coprobacillus.unclassified

0.100
0.075
0.050
0.025
0.000

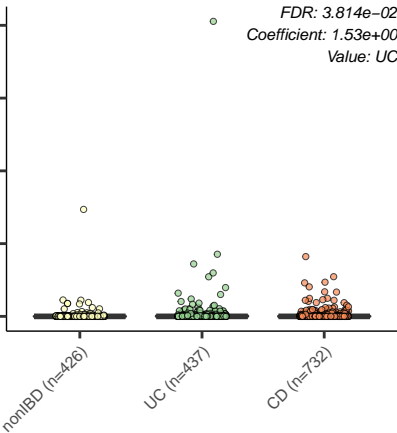
FDR: 3.814e-02
Coefficient: 1.53e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.shahii

0.10

0.05

0.00

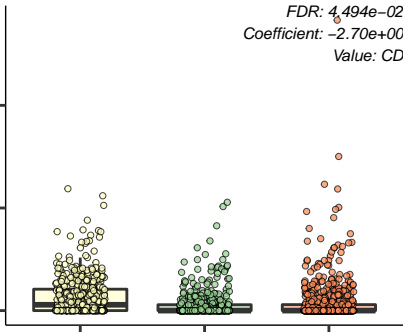
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: $4.494e-02$
Coefficient: $-2.70e+00$
Value: CD



Ruminococcus.callidus

0.08
0.06
0.04
0.02
0.00

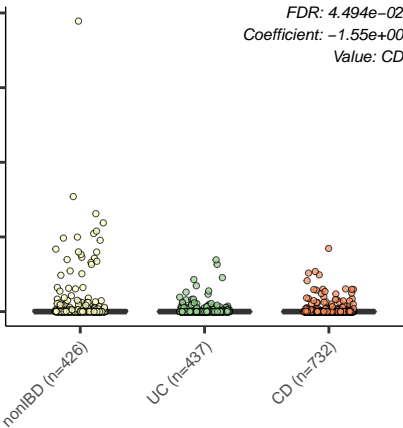
FDR: 4.494e-02
Coefficient: -1.55e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.bromii

0.4
0.3
0.2
0.1
0.0

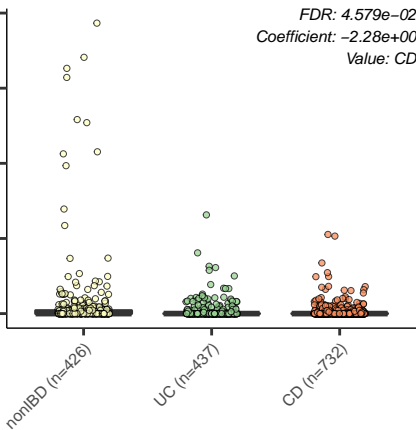
FDR: 4.579e-02
Coefficient: -2.28e+00
Value: CD

nonIBD (n=426)

UC (n=437)

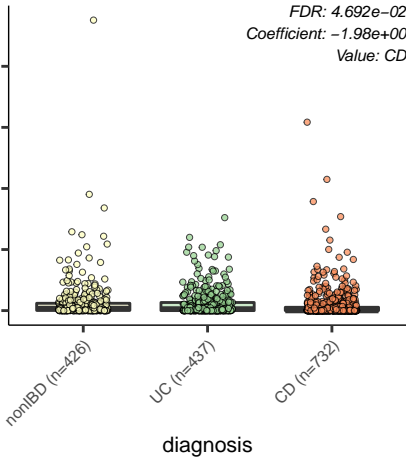
CD (n=732)

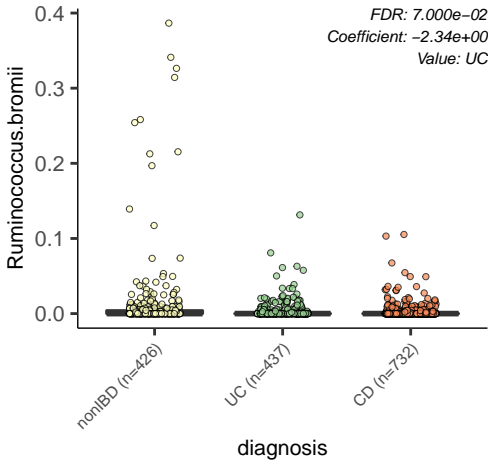
diagnosis



Roseburia.inulinivorans

FDR: $4.692e-02$
Coefficient: $-1.98e+00$
Value: CD





Alistipes.finegoldii

0.10

0.05

0.00

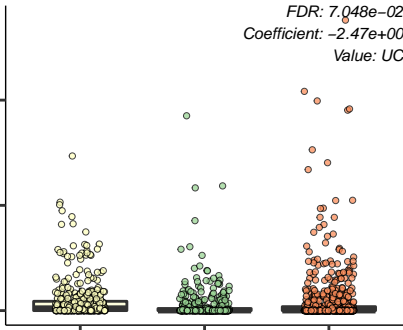
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: $7.048e-02$
Coefficient: $-2.47e+00$
Value: UC



Clostridium.symbiosum

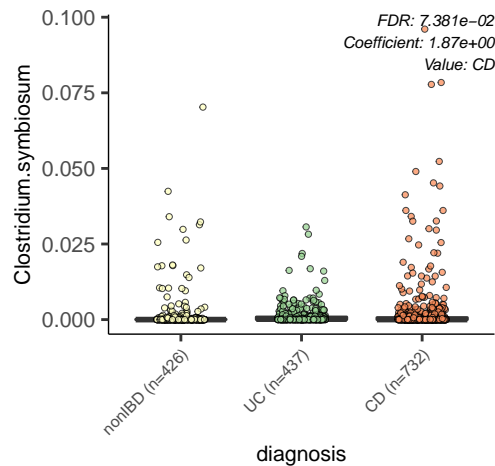
FDR: $7.381e-02$
Coefficient: $1.87e+00$
Value: CD

nonIBD (n=426)

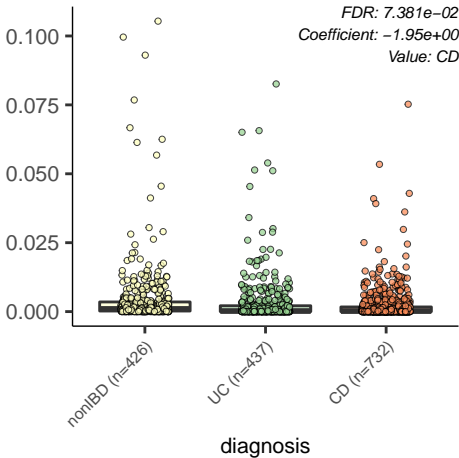
UC (n=437)

CD (n=732)

diagnosis



Roseburia.hominis



Clostridium.symbiosum

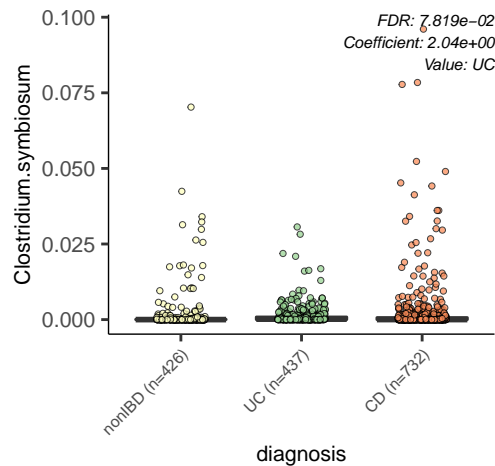
FDR: $7.819e-02$
Coefficient: $2.04e+00$
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bilophila.unclassified

0.08
0.06
0.04
0.02
0.00

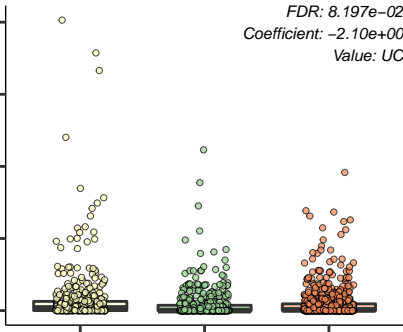
FDR: 8.197e-02
Coefficient: -2.10e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Akkermansia.muciniphila

0.8
0.6
0.4
0.2
0.0

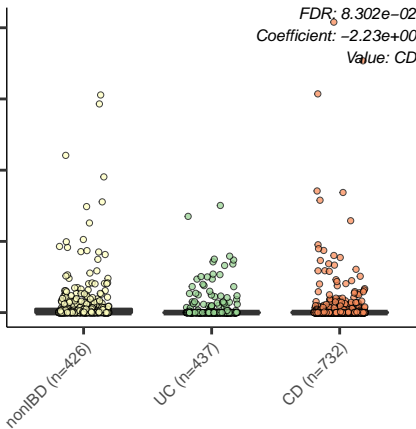
FDR: $8.302e-02$
Coefficient: $-2.23e+00$
Value: CD

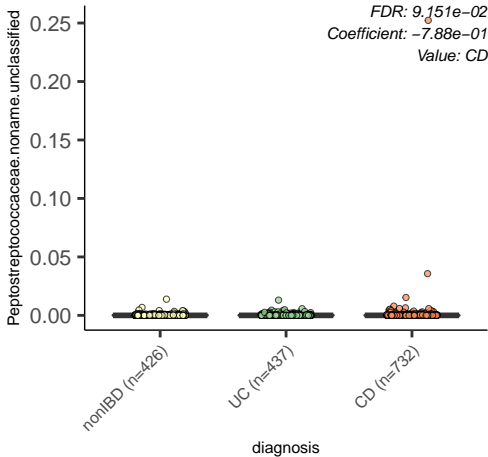
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Clostridium.leptum

0.15

0.10

0.05

0.00

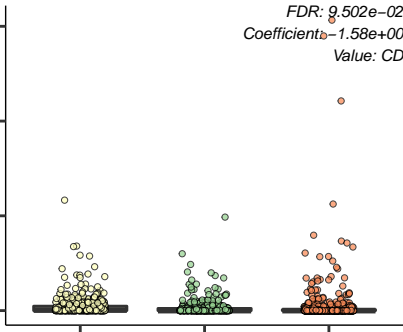
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: $9.502e-02$
Coefficient: $-1.58e+00$
Value: CD



Alistipes.onderdonkii

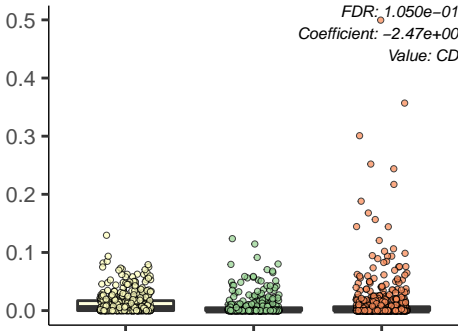
FDR: $1.050e-01$
Coefficient: $-2.47e+00$
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Barnesiella.intestinihominis

0.15

0.10

0.05

0.00

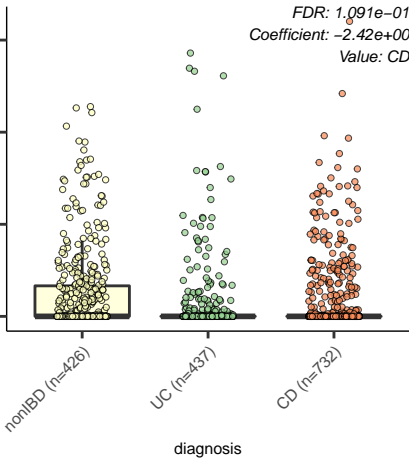
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: $1.091e-01$
Coefficient: $-2.42e+00$
Value: CD



Alistipes.underdonkii

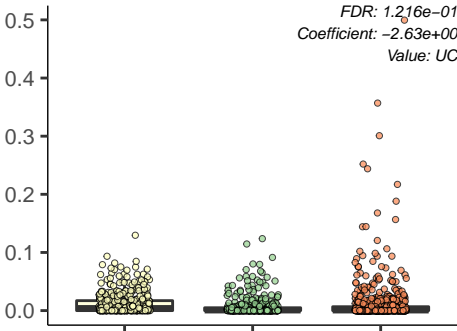
FDR: 1.216×10^{-1}
Coefficient: -2.63×10^0
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.clostridioforme

FDR: 1.283e-01
Coefficient: 1.56e+00
Value: CD

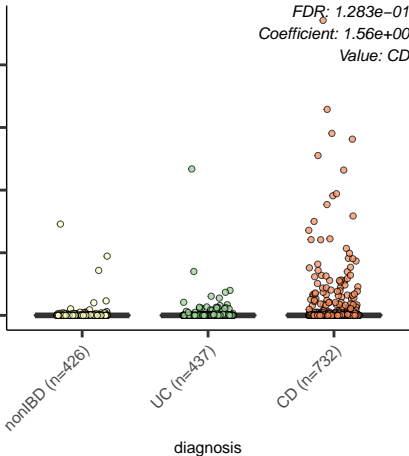
0.20
0.15
0.10
0.05
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.leptum

0.15
0.10
0.05
0.00

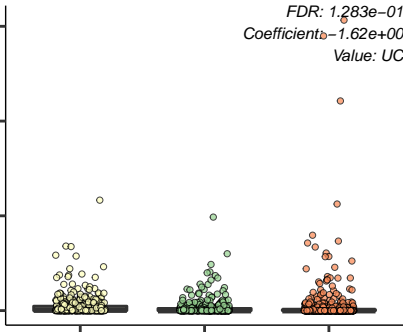
FDR: 1.283e-01
Coefficient: -1.62e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Sutterella.wadsworthensis

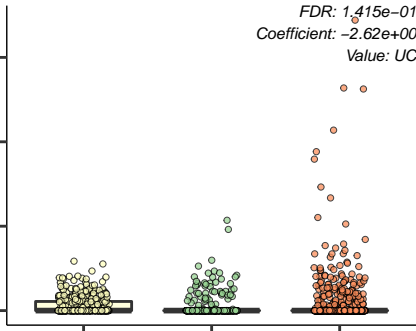
FDR: $1.415e-01$
Coefficient: $-2.62e+00$
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.callidus

0.08
0.06
0.04
0.02
0.00

FDR: 1.447e-01
Coefficient: -1.32e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Coprobacillus.unclassified

0.100
0.075
0.050
0.025
0.000

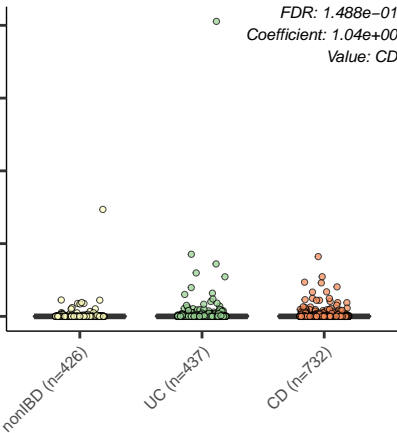
FDR: 1.488e-01
Coefficient: 1.04e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bacteroides.eggerthii

FDR: $1.533\text{e-}01$
Coefficient: $-1.92\text{e}+00$
Value: CD

0.4

0.2

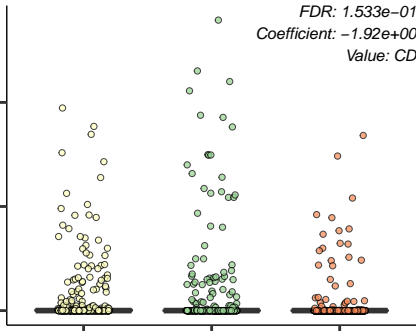
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.ventriosum

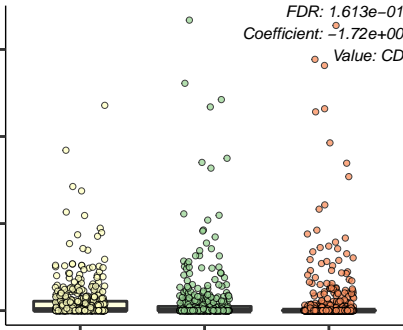
FDR: $1.613e-01$
Coefficient: $-1.72e+00$
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.putredinis

FDR: 1.620e-01
Coefficient: -2.23e+00
Value: CD

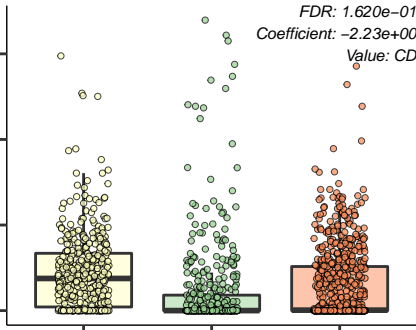
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

0.0
0.1
0.2
0.3



Parabacteroides.distasonis

FDR: 1.649e-01
Coefficient: 2.30e+00
Value: UC

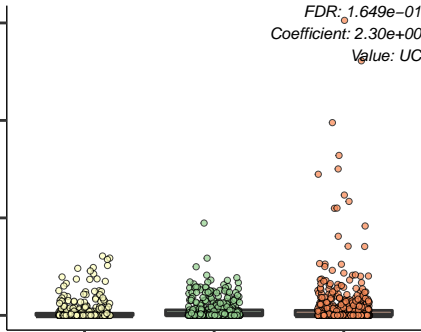
nonIBD (n=426)

UC (n=437)

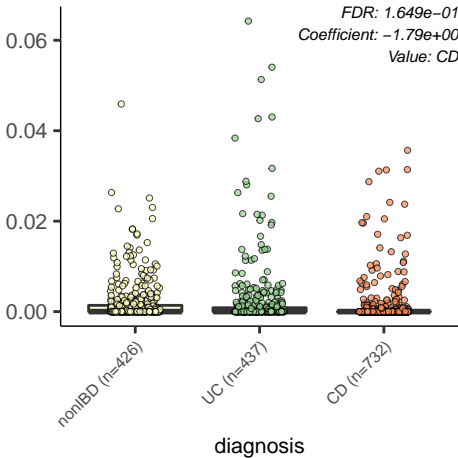
CD (n=732)

diagnosis

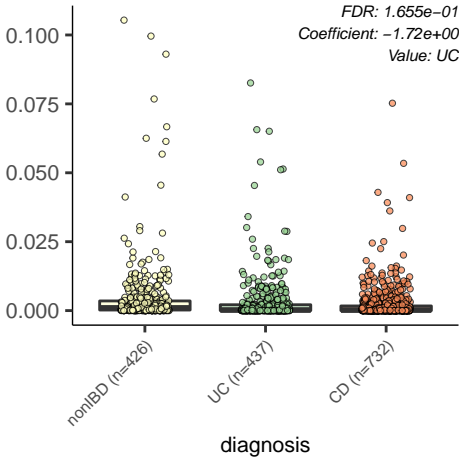
0.0
0.2
0.4
0.6



Ruminococcus.lactaris



Roseburia.hominis



Parabacteroides.goldsteinii

0.08
0.06
0.04
0.02
0.00

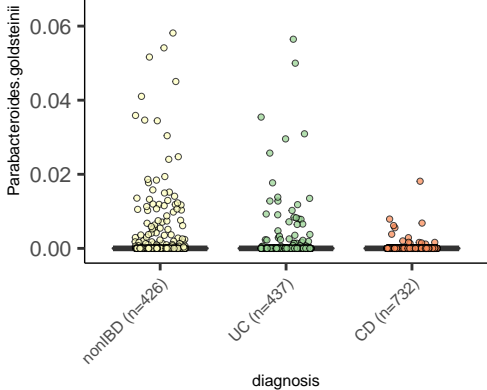
FDR: 1.664e-01
Coefficient: -1.19e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Subdoligranulum.unclassified

0.3
0.2
0.1
0.0

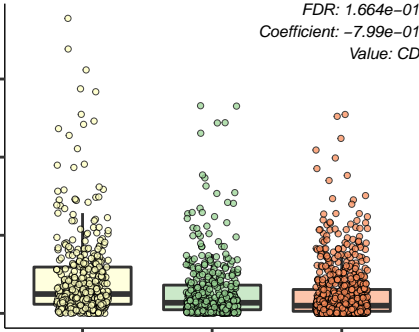
FDR: 1.664e-01
Coefficient: -7.99e-01
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.hallii

0.06

0.04

0.02

0.00

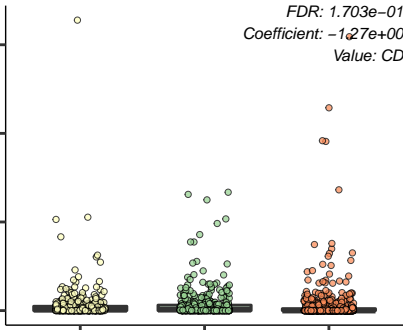
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.703e-01
Coefficient: -1.27e+00
Value: CD



Barnesiella.intestinihominis

0.15

0.10

0.05

0.00

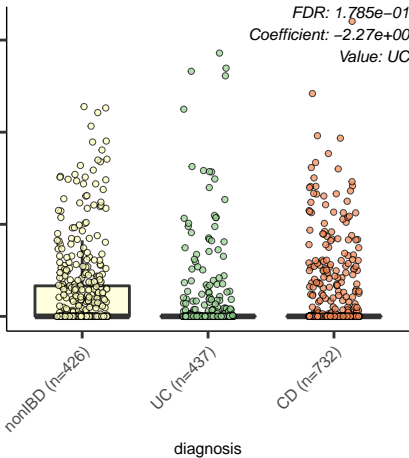
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: $1.785e-01$
Coefficient: $-2.27e+00$
Value: UC



Bacteroides.finegoldii

0.20

0.15

0.10

0.05

0.00

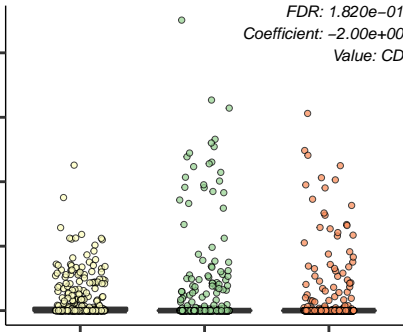
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 1.820e-01
Coefficient: -2.00e+00
Value: CD



Bacteroidales.bacterium.ph8

0.08
0.06
0.04
0.02
0.00

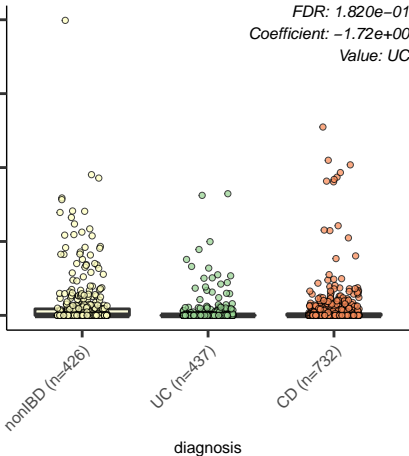
FDR: 1.820e-01
Coefficient: -1.72e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.siraeum

0.4
0.3
0.2
0.1
0.0

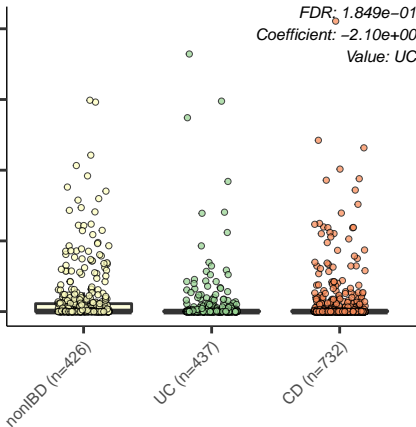
FDR: 1.849e-01
Coefficient: -2.10e+00
Value: UC

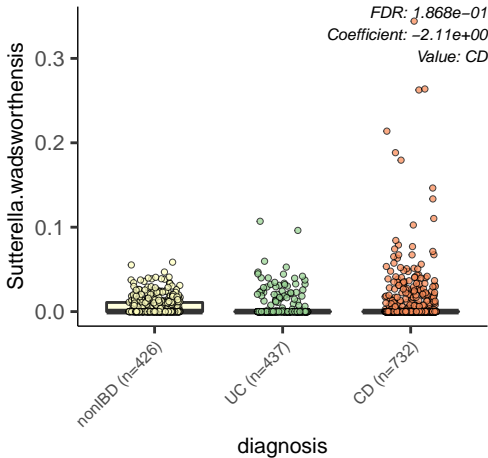
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Oscillibacter. unclassified

FDR: 1.920e-01
Coefficient: 1.24e+00
Value: UC

0.2

0.1

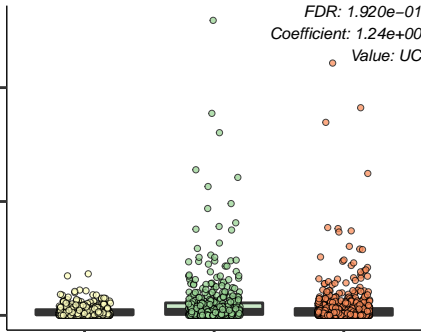
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Parabacteroides.unclassified

FDR: 1.951e-01
Coefficient: 1.58e+00
Value: CD

0.2

0.1

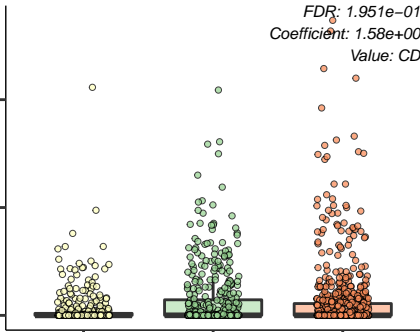
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.finegoldii

FDR: $1.951e-01$
Coefficient: $-1.65e+00$
Value: CD

0.10

0.05

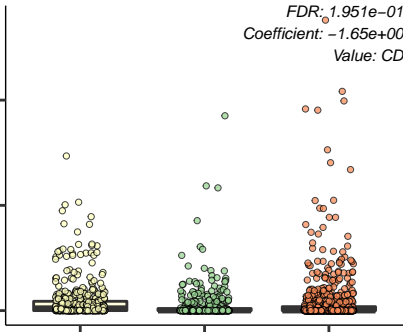
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.gnavus

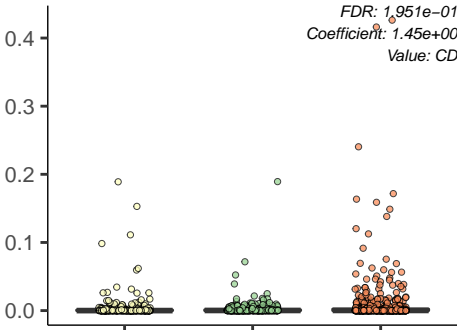
FDR: 1.951e-01
Coefficient: 1.45e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Odoribacter.splanchnicus

0.08
0.06
0.04
0.02
0.00

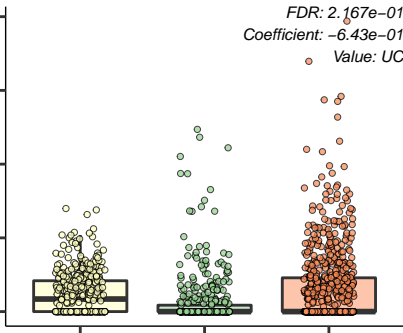
FDR: 2.167e-01
Coefficient: -6.43e-01
Value: UC

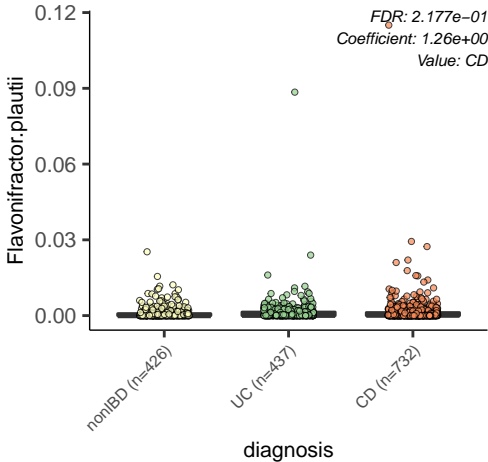
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Bacteroides.ovatus

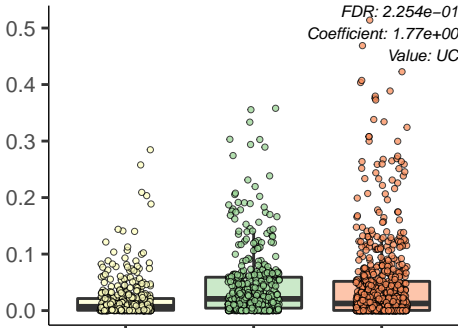
FDR: 2.254e-01
Coefficient: 1.77e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bacteroides.fragilis

FDR: 2.309e-01
Coefficient: 2.24e+00
Value: CD

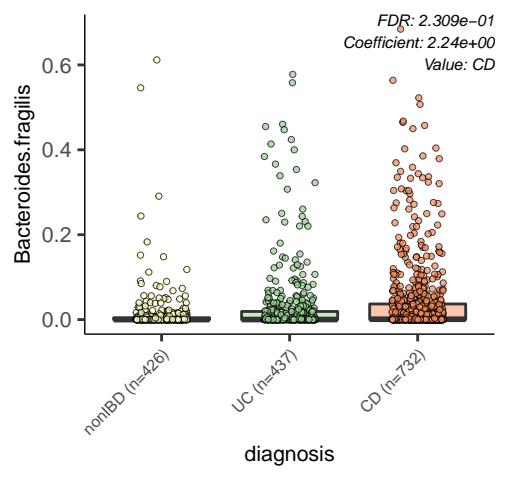
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

0.0
0.2
0.4
0.6



Clostridium.bolteae

FDR: 2.388e-01
Coefficient: 1.52e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

