

Akkermansia.muciniphila

0.8
0.6
0.4
0.2
0.0

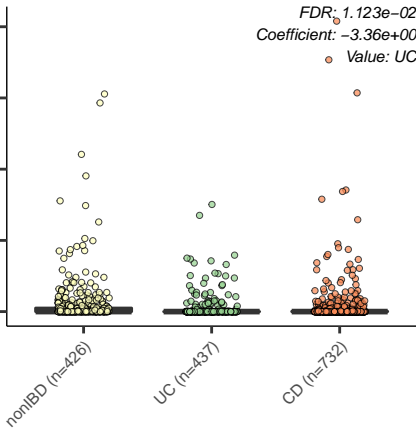
FDR: $1.123e-02$
Coefficient: $-3.36e+00$
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.bolteae

0.3

0.2

0.1

0.0

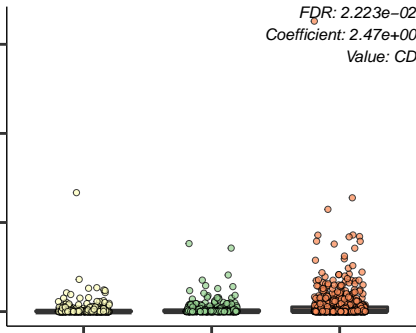
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

FDR: 2.223×10^{-2}
Coefficient: 2.47×10^0
Value: CD



Bifidobacterium.adolescentis

0.3
0.2
0.1
0.0

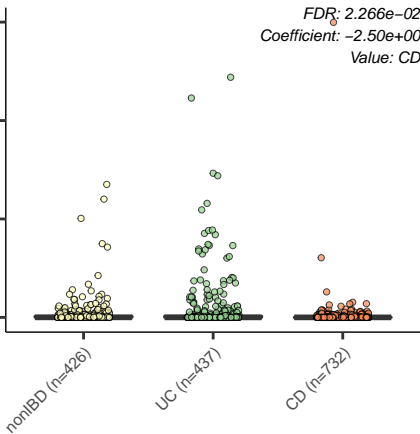
FDR: 2.266e-02
Coefficient: -2.50e+00
Value: CD

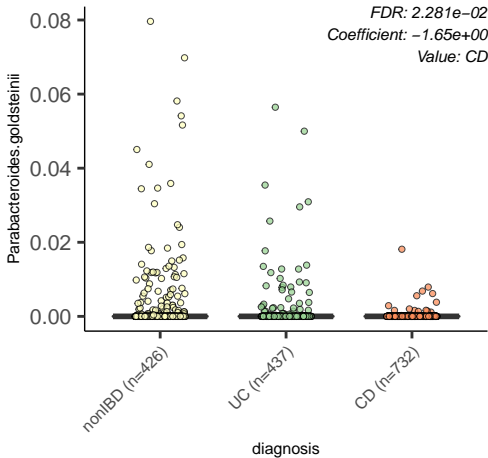
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Alistipes.putredinis

0.3
0.2
0.1
0.0

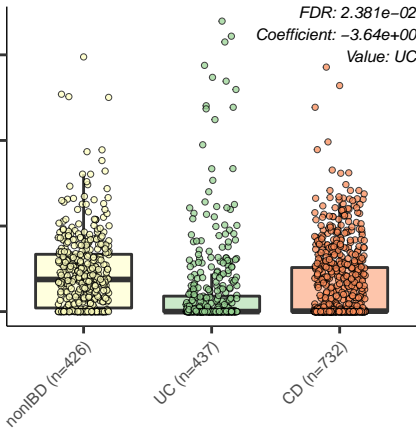
nonIBD (n=426)

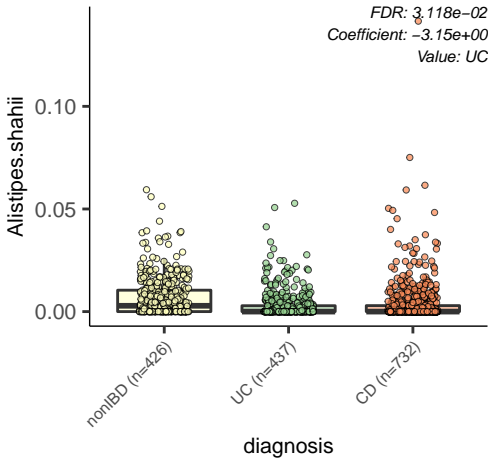
UC (n=437)

CD (n=732)

diagnosis

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





Coprobacillus.unclassified

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

0.100

0.075

0.050

0.025

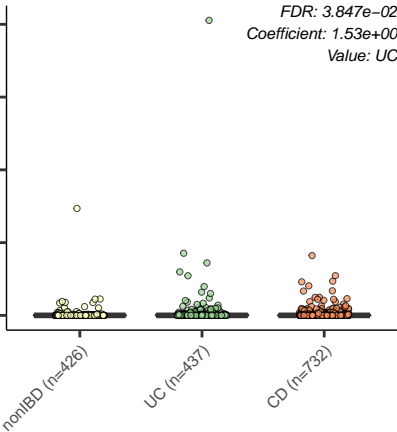
0.000

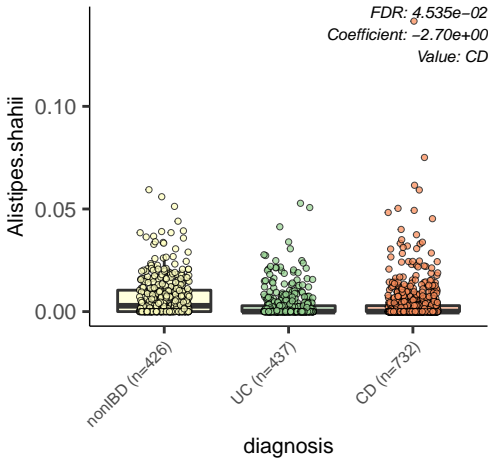
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Ruminococcus.callidus

0.08
0.06
0.04
0.02
0.00

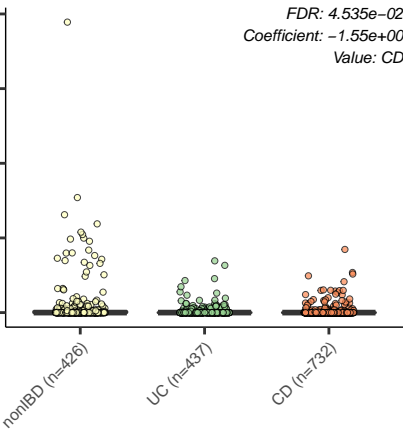
FDR: 4.535e-02
Coefficient: -1.55e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.bromii

0.4
0.3
0.2
0.1
0.0

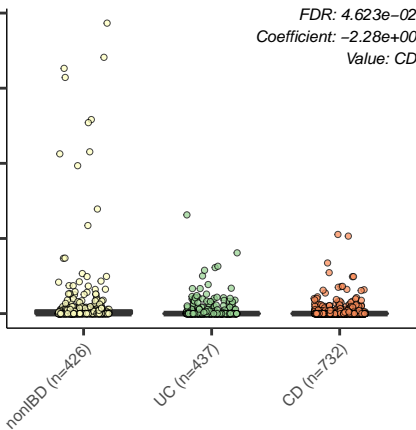
FDR: 4.623e-02
Coefficient: -2.28e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Roseburia.inulinivorans

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

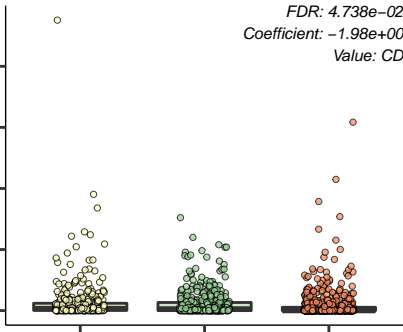
0.20
0.15
0.10
0.05
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.bromii

0.4
0.3
0.2
0.1
0.0

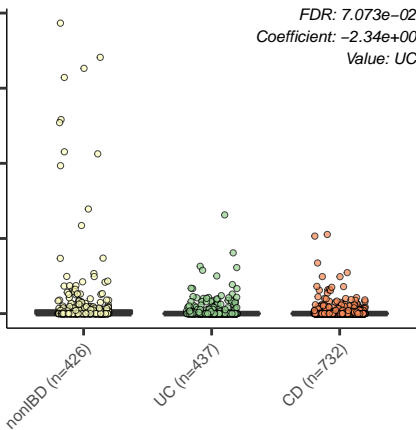
FDR: 7.073e-02
Coefficient: -2.34e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.finegoldii

0.10

0.05

0.00

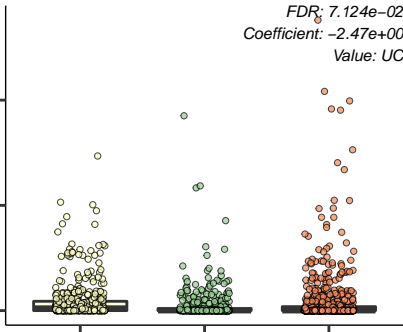
nonIBD (n=426)

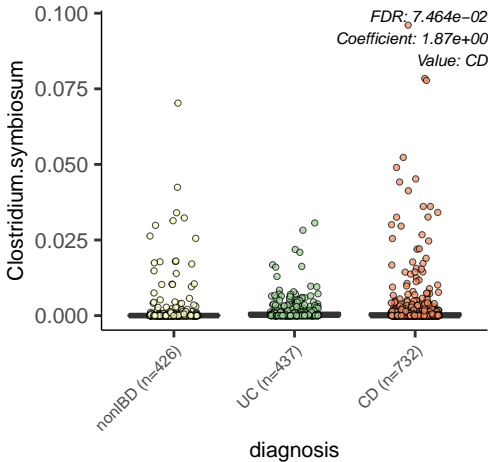
UC (n=437)

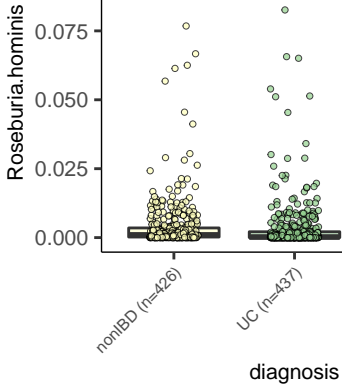
CD (n=732)

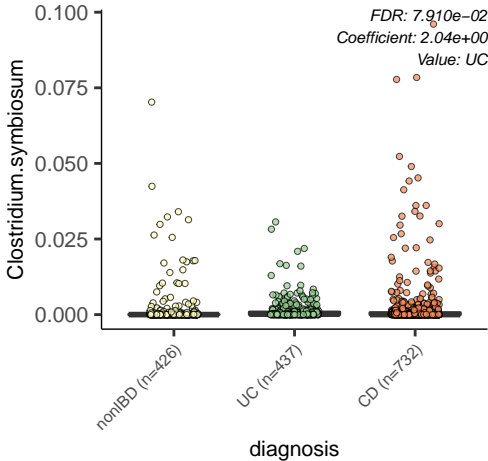
diagnosis

FDR: 7.124×10^{-2}
Coefficient: -2.47×10^0
Value: UC

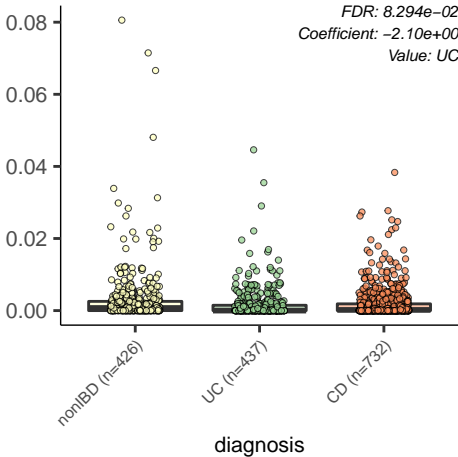








Bilophila.unclassified



Akkermansia.muciniphila

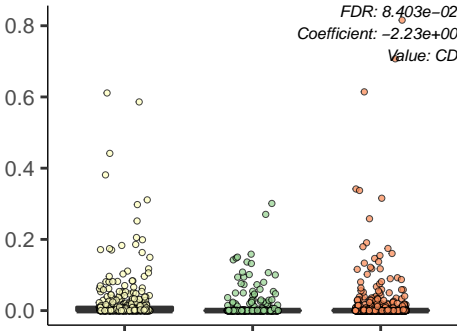
FDR: $8.403e-02$
Coefficient: $-2.23e+00$
Value: CD

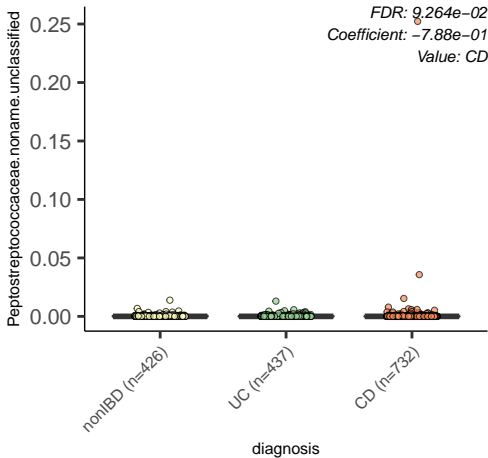
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Clostridium.leptum

0.15

0.10

0.05

0.00

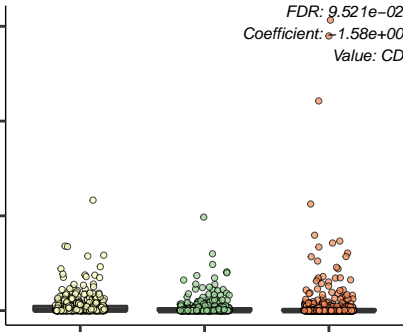
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

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



Alistipes.underdonkii

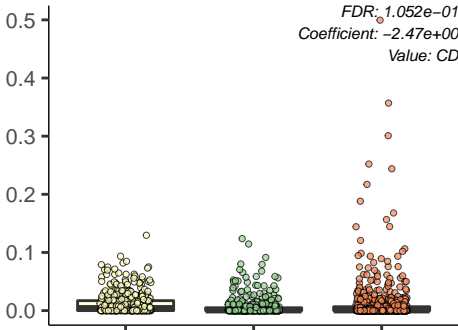
FDR: $1.052e-01$
Coefficient: $-2.47e+00$
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Barnesiella.intestinihominis

0.15

0.10

0.05

0.00

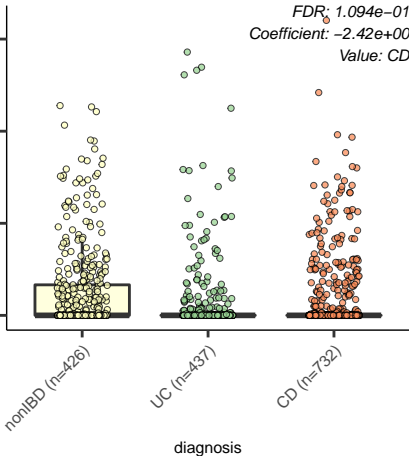
nonIBD (n=426)

UC (n=437)

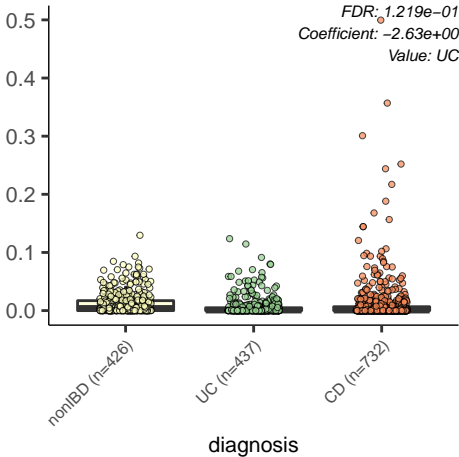
CD (n=732)

diagnosis

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



Alistipes.underdonkii



Clostridium.clostridioforme

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

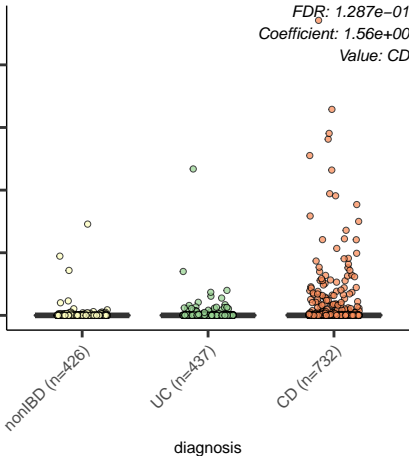
0.20
0.15
0.10
0.05
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Clostridium.leptum

0.15

0.10

0.05

0.00

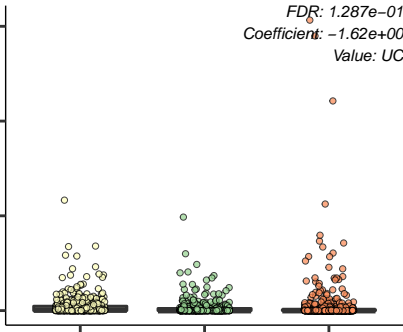
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

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



Sutterella.wadsworthensis

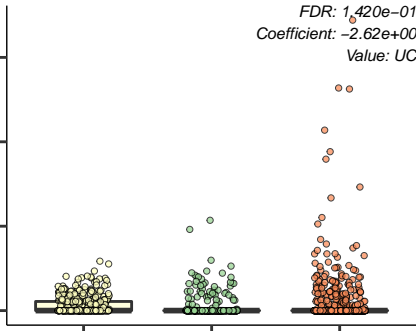
FDR: $1.420e-01$
Coefficient: $-2.62e+00$
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.callidus

0.08
0.06
0.04
0.02
0.00

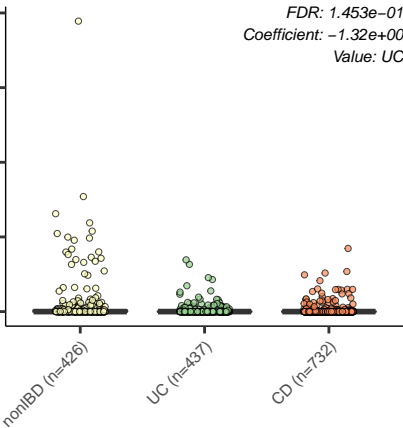
FDR: 1.453e-01
Coefficient: -1.32e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Coprobacillus.unclassified

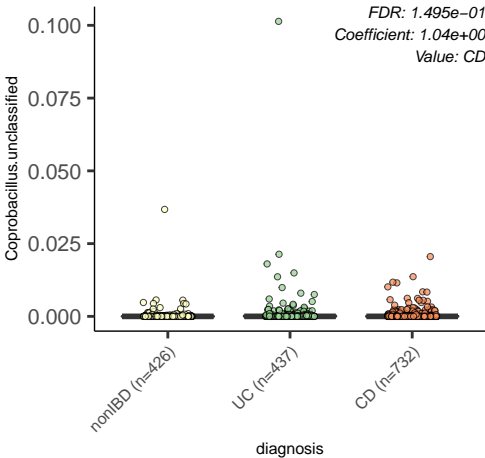
FDR: 1.495e-01
Coefficient: 1.04e+00
Value: CD

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

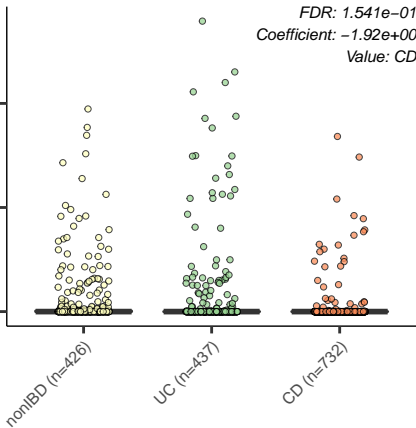
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.ventriosum

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

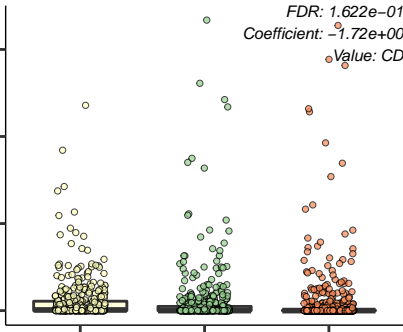
0.06
0.04
0.02
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.putredinis

0.3

0.2

0.1

0.0

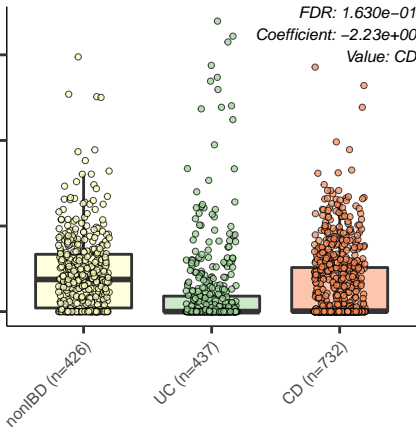
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis

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



Parabacteroides.distasonis

FDR: 1.660e-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

0.06

0.04

0.02

0.00

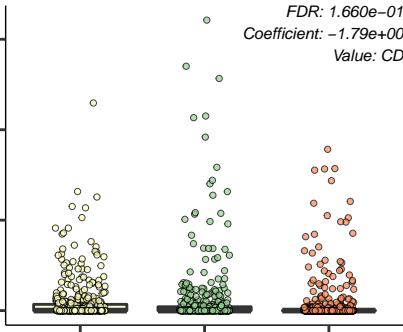
nonIBD (n=426)

UC (n=437)

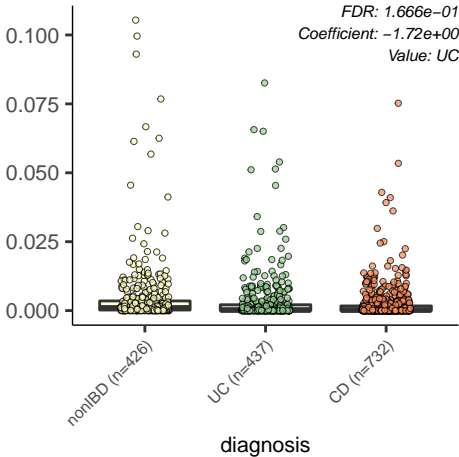
CD (n=732)

diagnosis

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



Roseburia.hominis



Parabacteroides.goldsteinii

0.08
0.06
0.04
0.02
0.00

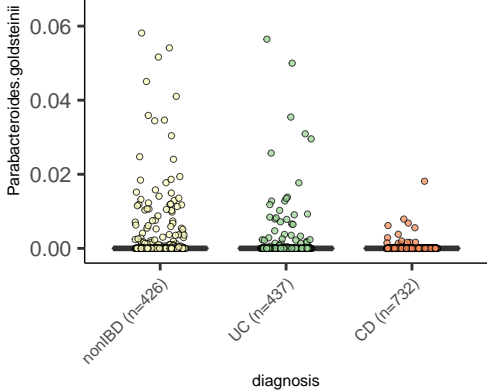
FDR: 1.676e-01
Coefficient: -1.19e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Subdoligranulum.unclassified

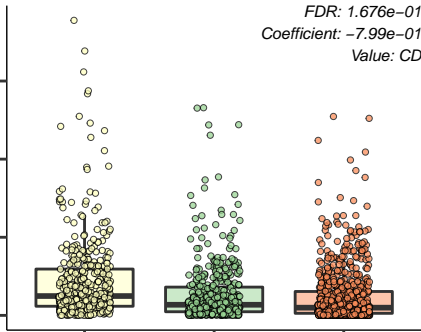
FDR: $1.676e-01$
Coefficient: $-7.99e-01$
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Eubacterium.hallii

0.06

0.04

0.02

0.00

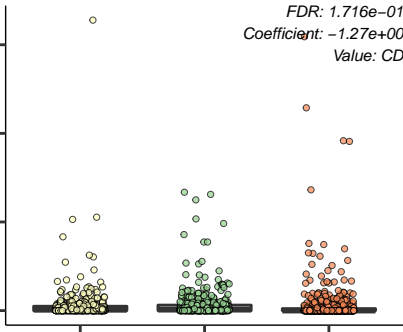
nonIBD (n=426)

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

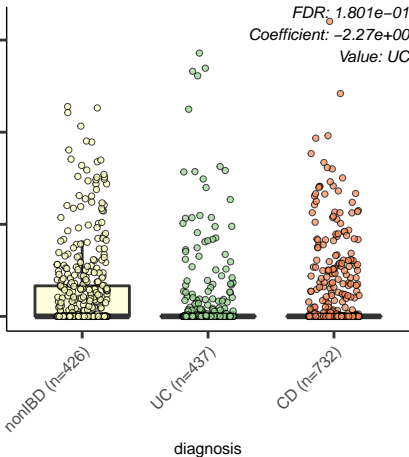
nonIBD (n=426)

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

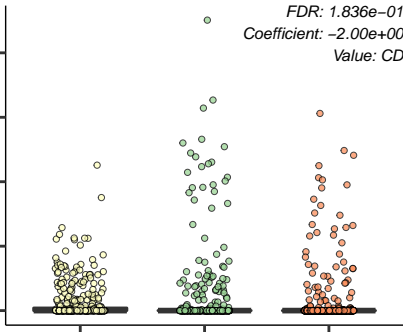
nonIBD (n=426)

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

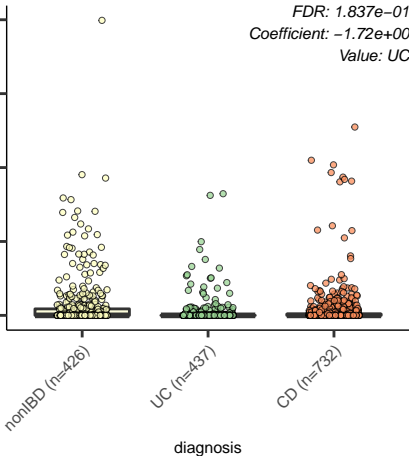
FDR: 1.837e-01
Coefficient: -1.72e+00
Value: UC

nonIBD (n=426)

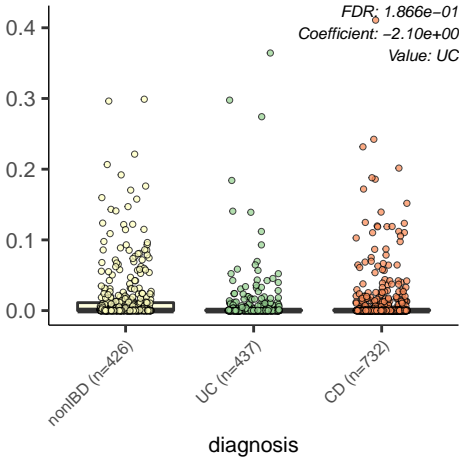
UC (n=437)

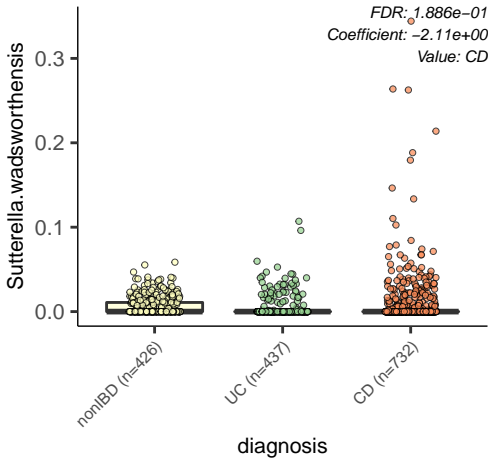
CD (n=732)

diagnosis



Eubacterium.siraeum





Oscillibacter. unclassified

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

0.2

0.1

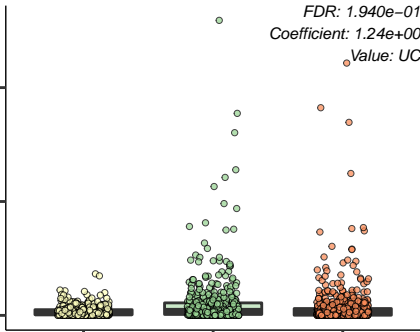
0.0

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

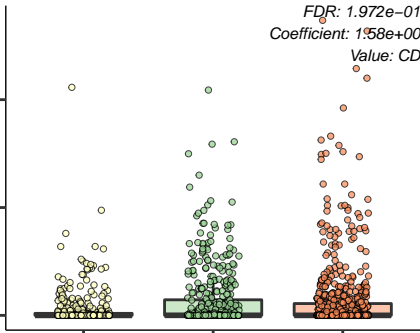
0.0

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Alistipes.finegoldii

FDR: 1.972e-01
Coefficient: -1.65e+00
Value: CD

0.10

0.05

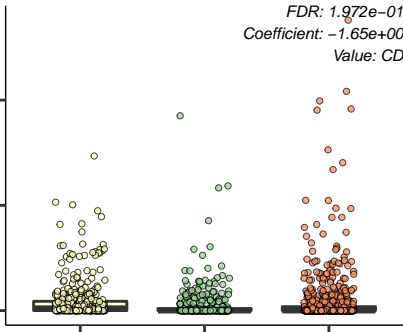
0.00

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Ruminococcus.gnavus

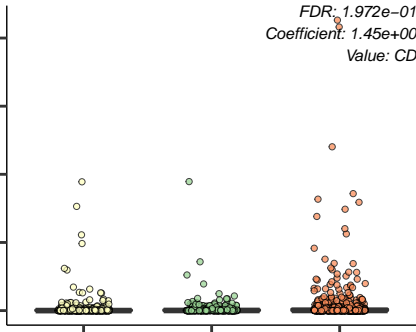
FDR: 1.972e-01
Coefficient: 1.45e+00
Value: CD

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Odoribacter.splanchnicus

0.08
0.06
0.04
0.02
0.00

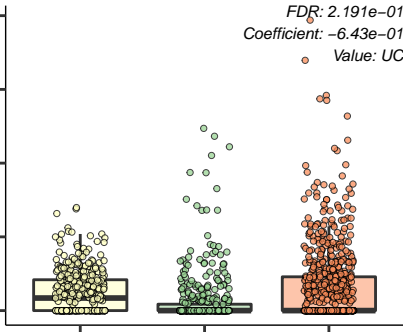
FDR: 2.191e-01
Coefficient: -6.43e-01
Value: UC

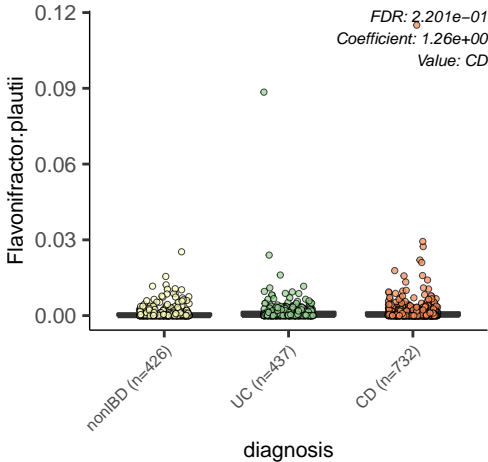
nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis





Bacteroides.ovatus

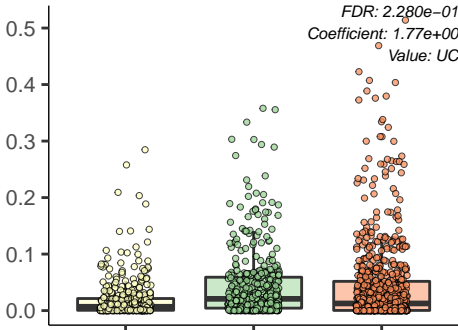
FDR: 2.280e-01
Coefficient: 1.77e+00
Value: UC

nonIBD (n=426)

UC (n=437)

CD (n=732)

diagnosis



Bacteroides.fragilis

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

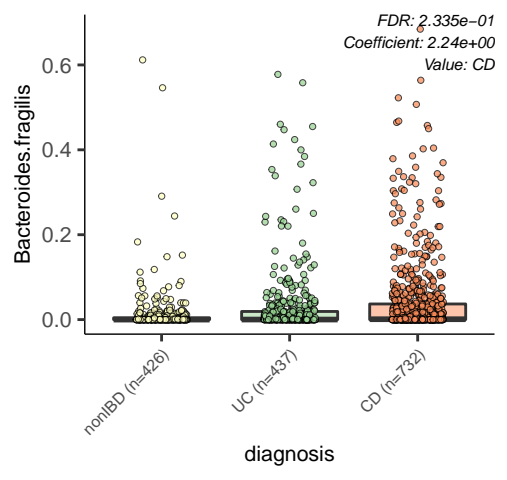
nonIBD (n=426)

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

