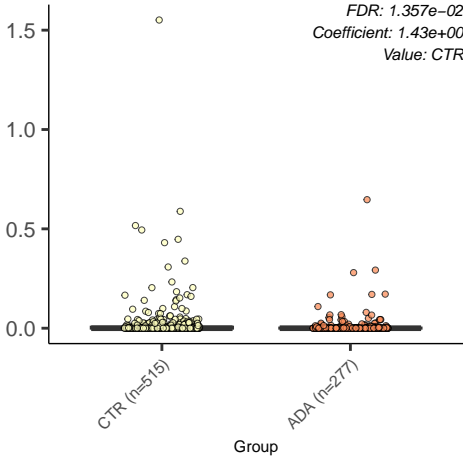


FDR: 1.357e-02

Coefficient: 1.43e+00

Value: CTR



CTR (n=515)

ADA (n=277)

Group

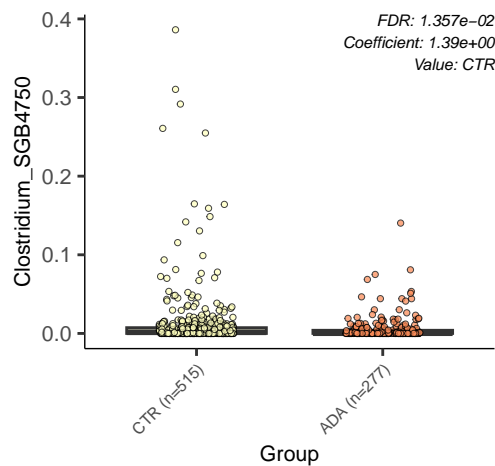
Clostridium\_SGB4750

FDR: 1.357e-02  
Coefficient: 1.39e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Clostridium\_sp\_AM42\_4

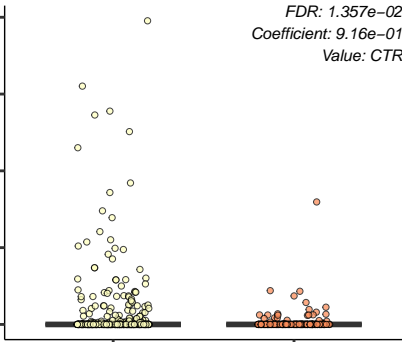
0.04  
0.03  
0.02  
0.01  
0.00

*FDR: 1.357e-02*  
*Coefficient: 9.16e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



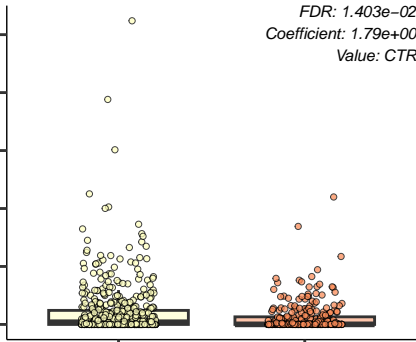
Eubacterium\_ventricosum

FDR: 1.403e-02  
Coefficient: 1.79e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Erysipelatoclostridium\_ramosum

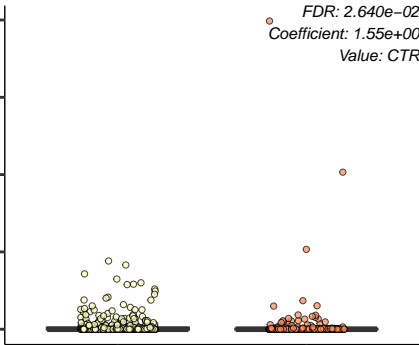
0.8  
0.6  
0.4  
0.2  
0.0

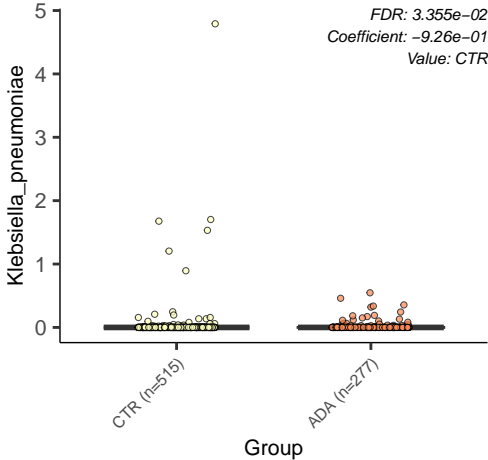
*FDR: 2.640e-02*  
*Coefficient: 1.55e+00*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group





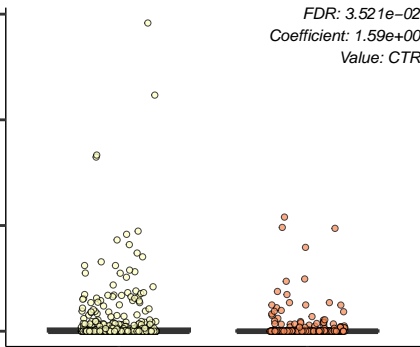
Bifidobacterium\_pseudocatenulatum

*FDR: 3.521e-02*  
*Coefficient: 1.59e+00*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



GGB3614\_SGB4886

*FDR: 9.614e-02*

*Coefficient: -6.82e-01*

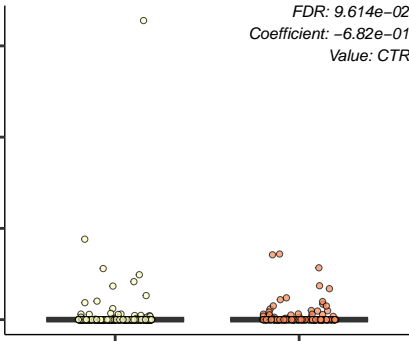
*Value: CTR*

0.3  
0.2  
0.1  
0.0

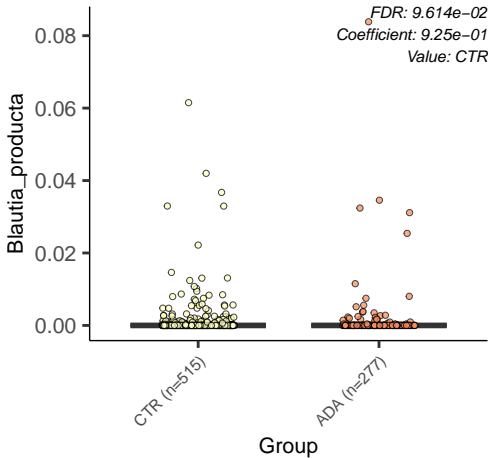
CTR (n=515)

ADA (n=277)

Group







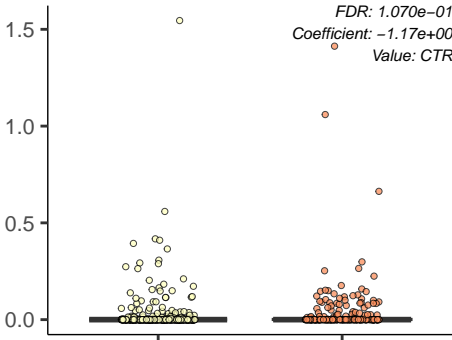
GGB3304\_SGB4367

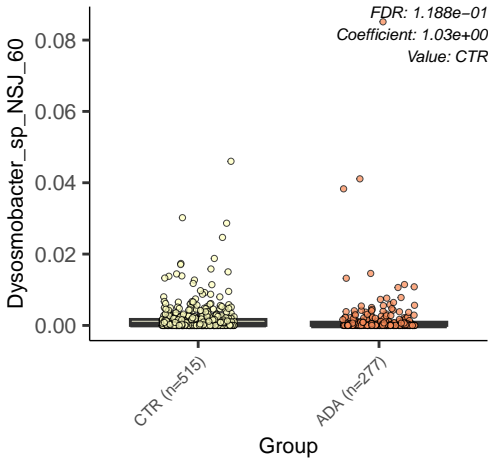
FDR: 1.070e-01  
Coefficient: -1.17e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





GGB9642\_SGB15119

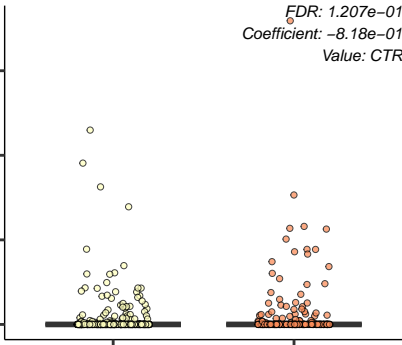
FDR:  $1.207e-01$   
Coefficient:  $-8.18e-01$   
Value: CTR

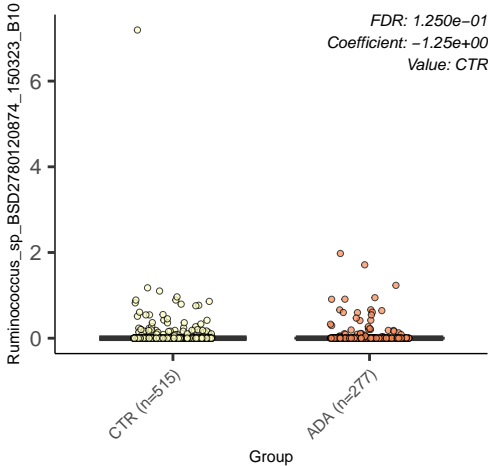
0.15  
0.10  
0.05  
0.00

CTR (n=515)

ADA (n=277)

Group





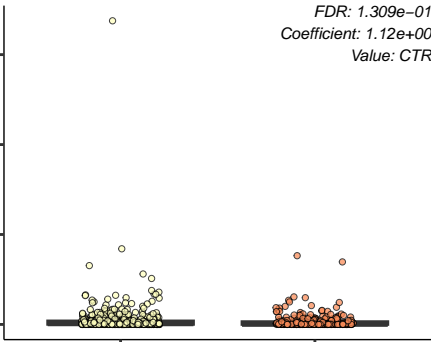
Anaerostipes\_hadrus

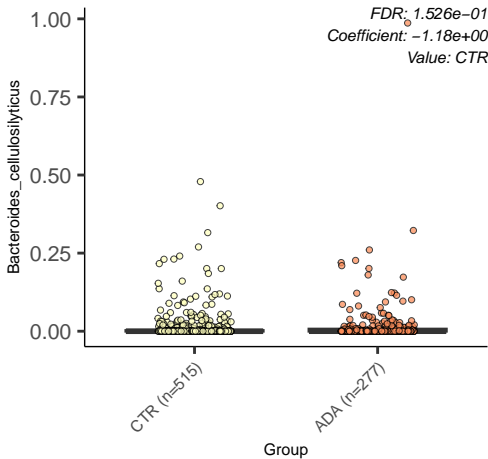
FDR: 1.309e-01  
Coefficient: 1.12e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





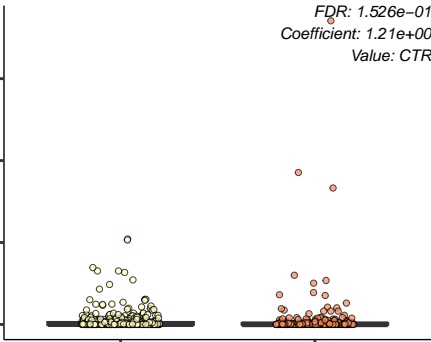
Bacteroides\_xylanisolvens

FDR: 1.526e-01  
Coefficient: 1.21e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





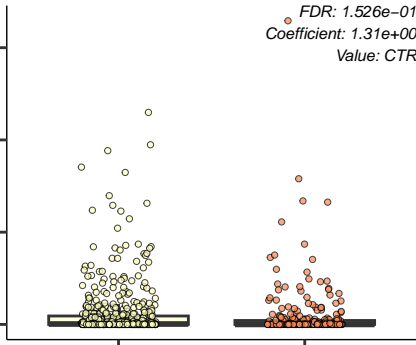
Ruminococcus\_bicirculans

FDR: 1.526e-01  
Coefficient: 1.31e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



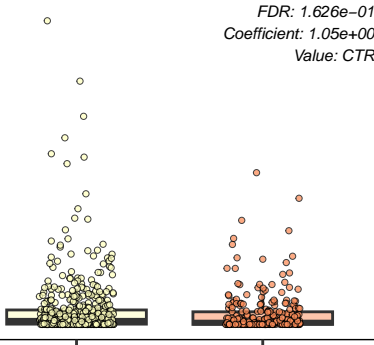
Roseburia\_inulinivorans

FDR: 1.626e-01  
Coefficient: 1.05e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



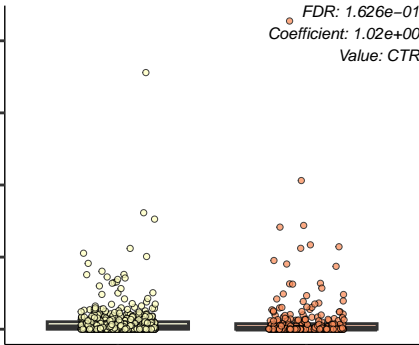
Clostridiales\_bacterium\_KLE1615

*FDR: 1.626e-01*  
*Coefficient: 1.02e+00*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



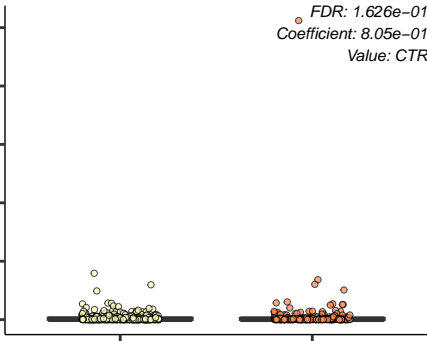
Blautia\_faecis

FDR: 1.626e-01  
Coefficient: 8.05e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



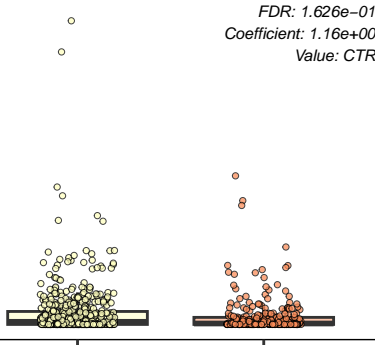
Lacrimispora\_amygdalina

FDR: 1.626e-01  
Coefficient: 1.16e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Merdimonas\_faecis

FDR: 1.626e-01  
Coefficient: 6.42e-01  
Value: CTR

0.075

0.050

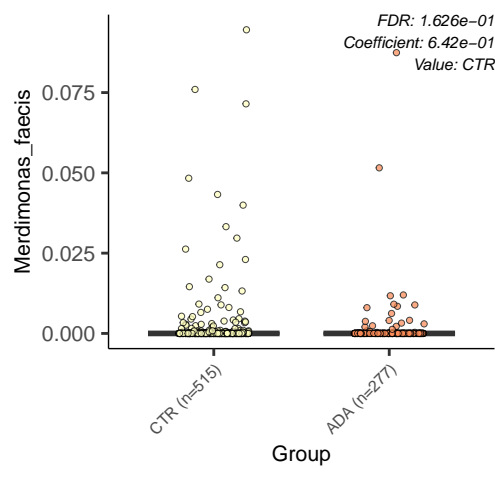
0.025

0.000

CTR (n=515)

ADA (n=277)

Group



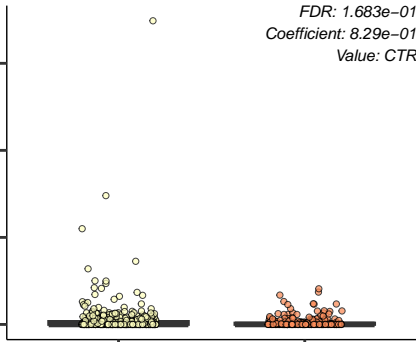
Clostridium\_sp\_AM33\_3

*FDR: 1.683e-01*  
*Coefficient: 8.29e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



Desulfovibrio\_piger

0.2

0.1

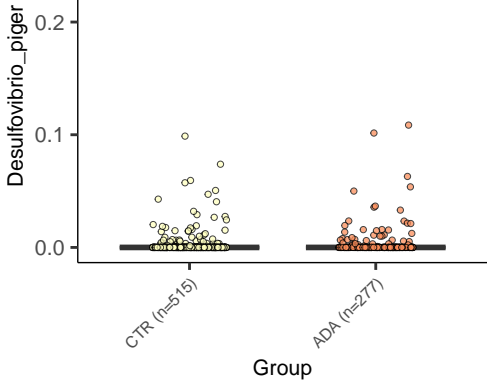
0.0

CTR (n=515)

ADA (n=277)

Group

FDR:  $1.683e-01$   
Coefficient:  $-6.16e-01$   
Value: CTR





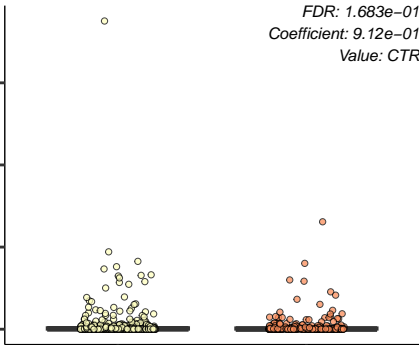
Streptococcus\_parasanguinis

FDR: 1.683e-01  
Coefficient: 9.12e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Collinsella\_SGB4121

FDR: 1.683e-01  
Coefficient: 8.14e-01  
Value: CTR

0.075

0.050

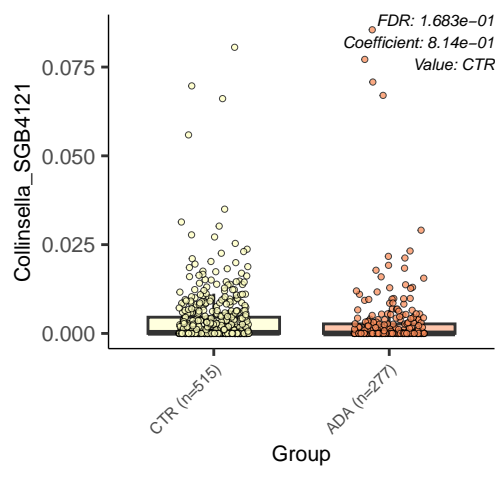
0.025

0.000

CTR (n=515)

ADA (n=277)

Group



Desulfovibrio\_SGB5077

FDR: 1.718e-01  
Coefficient: 9.71e-01  
Value: CTR

1.0

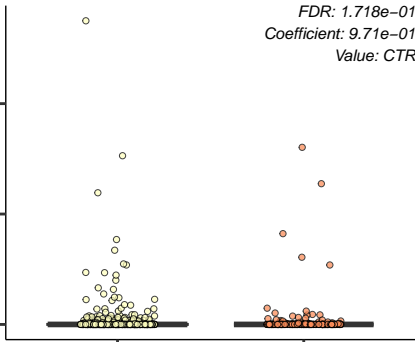
0.5

0.0

CTR (n=515)

ADA (n=277)

Group



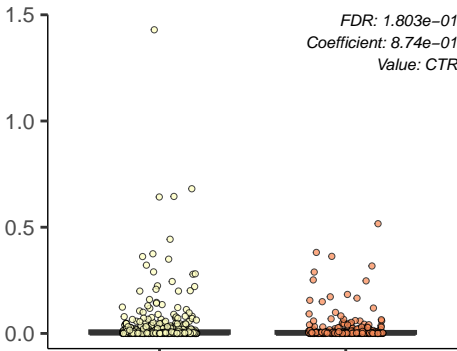
Streptococcus\_salivarius

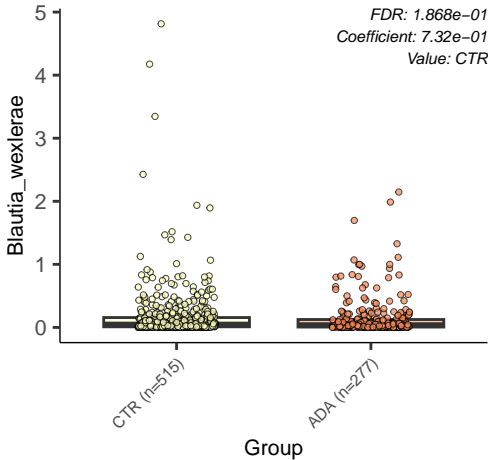
*FDR: 1.803e-01*  
*Coefficient: 8.74e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group





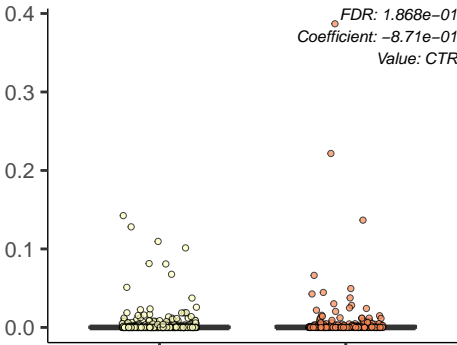
Alistipes\_indistinctus

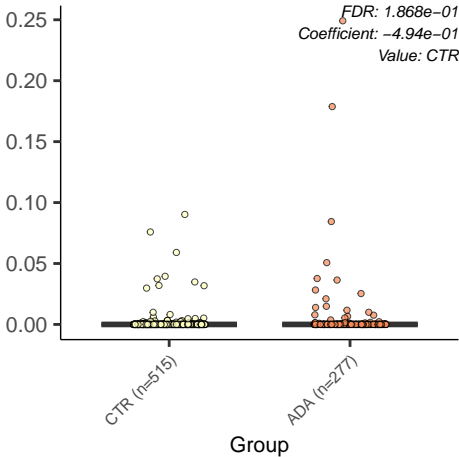
FDR: 1.868e-01  
Coefficient: -8.71e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





Blautia\_obeum

FDR: 1.995e-01  
Coefficient: 8.90e-01  
Value: CTR

0.75

0.50

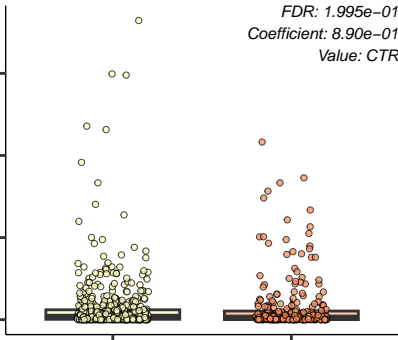
0.25

0.00

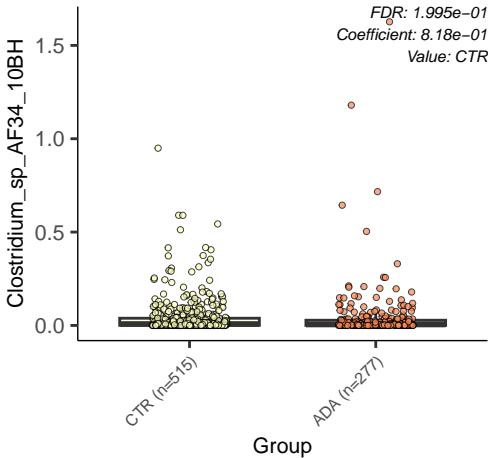
CTR (n=515)

ADA (n=277)

Group







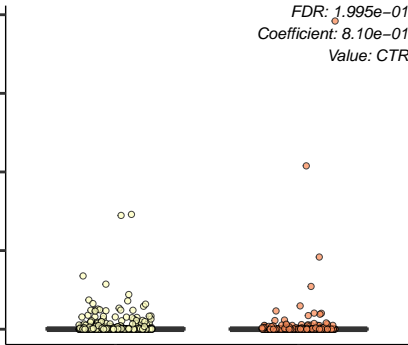
Haemophilus\_parainfluenzae

*FDR: 1.995e-01*  
*Coefficient: 8.10e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



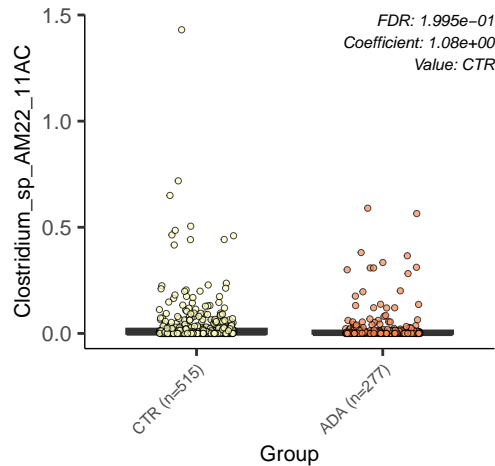
Clostridium\_sp\_AM22\_11AC

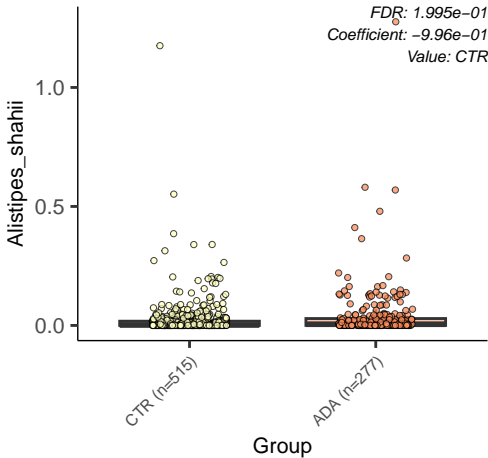
FDR: 1.995e-01  
Coefficient: 1.08e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





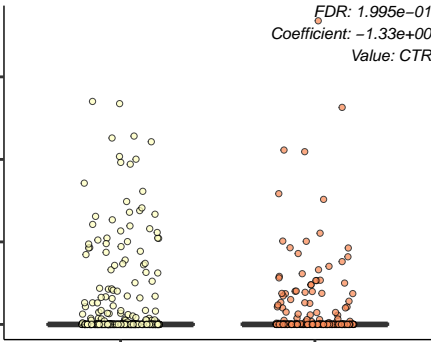
Prevotella\_copri\_clade\_A

FDR: 1.995e-01  
Coefficient: -1.33e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Eggerthella\_lenta

FDR: 1.995e-01  
Coefficient: 8.85e-01  
Value: CTR

0.4

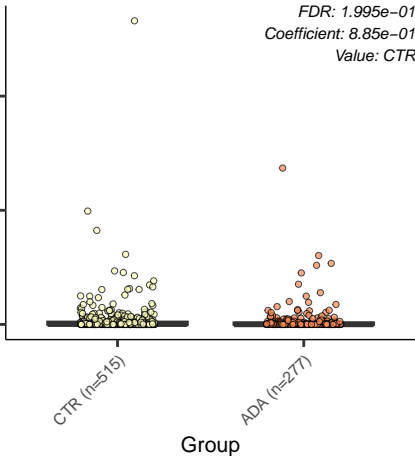
0.2

0.0

CTR (n=515)

ADA (n=277)

Group



Clostridia\_bacterium

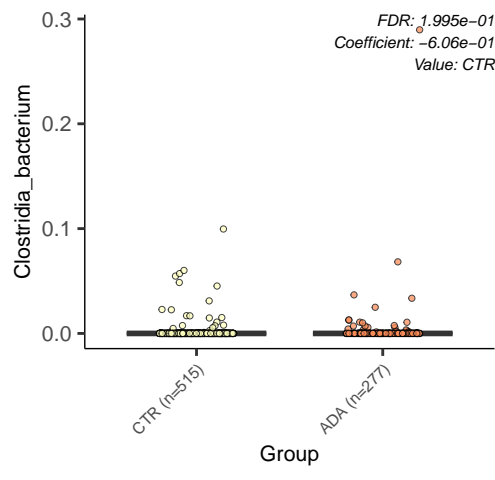
0.3  
0.2  
0.1  
0.0

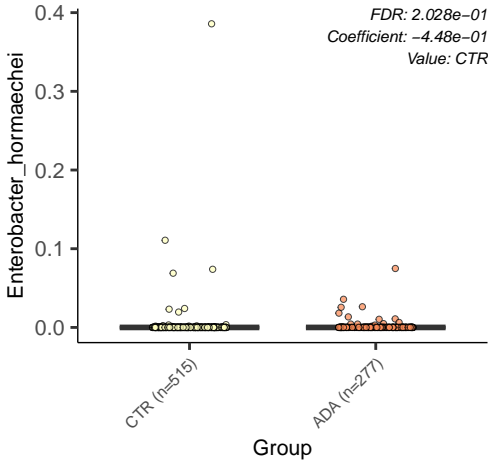
*FDR: 1.995e-01*  
*Coefficient: -6.06e-01*  
*Value: CTR*

CTR (n=515)

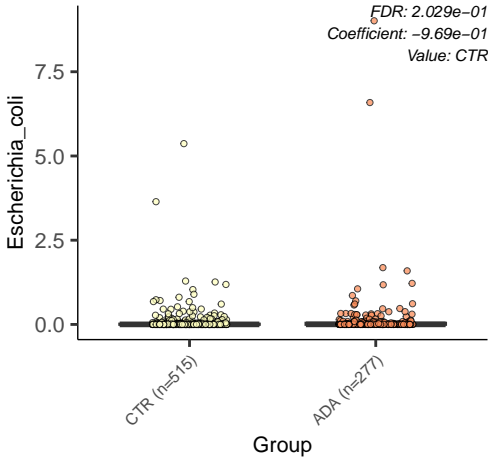
ADA (n=277)

Group









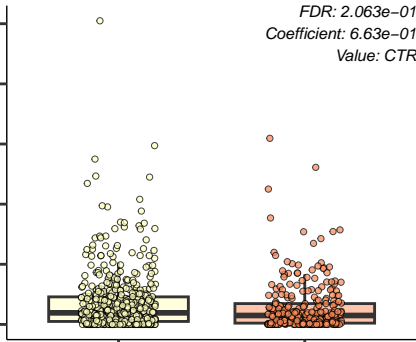
Clostridiaceae\_bacterium

FDR: 2.063e-01  
Coefficient: 6.63e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Clostridium\_SGB4751

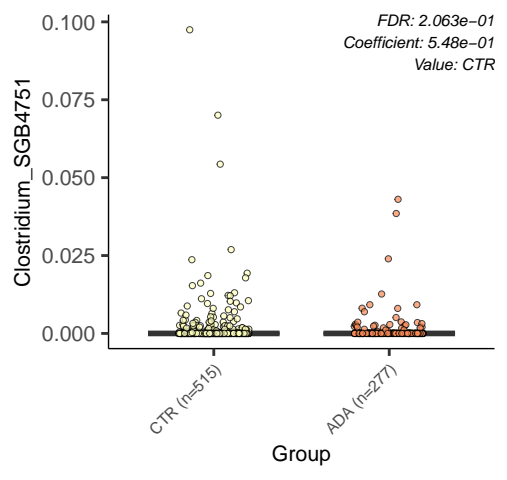
0.100  
0.075  
0.050  
0.025  
0.000

*FDR: 2.063e-01*  
*Coefficient: 5.48e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



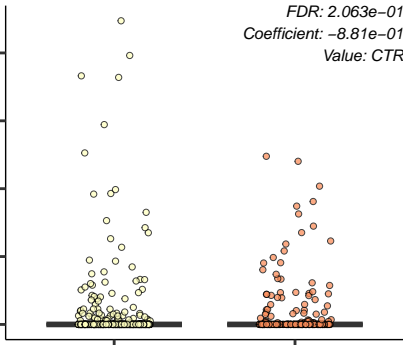
Ruminococcus\_callidus

*FDR: 2.063e-01*  
*Coefficient: -8.81e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



Gemmiger\_SGB15299

*FDR: 2.063e-01*

*Coefficient: -6.29e-01*

*Value: CTR*

0.6

0.4

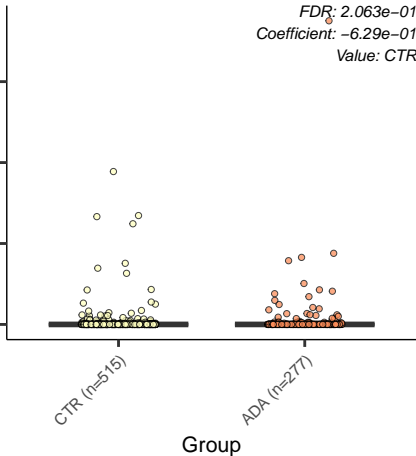
0.2

0.0

CTR (n=515)

ADA (n=277)

Group



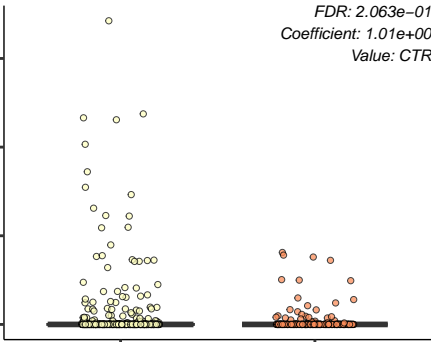
Megamonas\_funiformis

FDR: 2.063e-01  
Coefficient: 1.01e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



Clostridiales\_bacterium\_Choco116

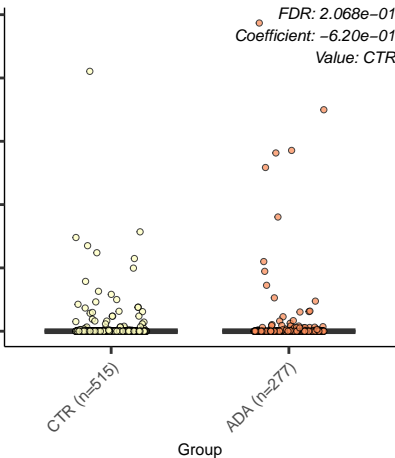
0.125  
0.100  
0.075  
0.050  
0.025  
0.000

*FDR: 2.068e-01*  
*Coefficient: -6.20e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



Parabacteroides\_distasonis

FDR: 2.088e-01  
Coefficient: 8.15e-01  
Value: CTR

1.0

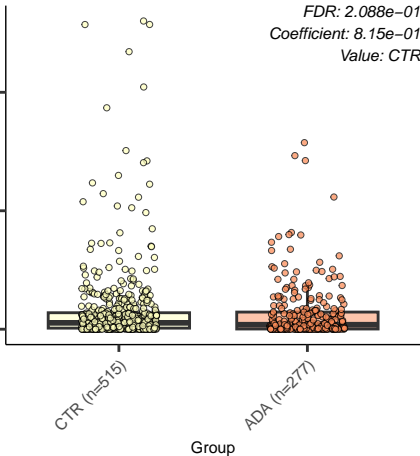
0.5

0.0

CTR (n=515)

ADA (n=277)

Group





Clostridium\_sp\_AF27\_2AA

FDR: 2.088e-01

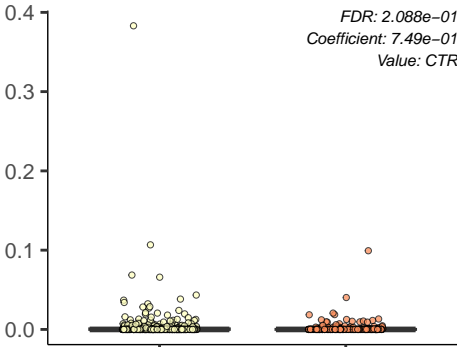
Coefficient: 7.49e-01

Value: CTR

CTR (n=515)

ADA (n=277)

Group



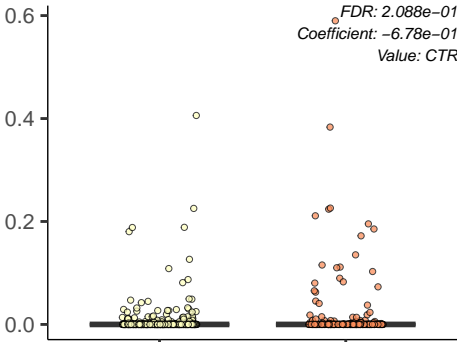
GGB47687\_SGB2286

*FDR: 2.088e-01*  
*Coefficient: -6.78e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



Slackia\_isoflavoniconvertens

FDR: 2.102e-01  
Coefficient: -5.14e-01  
Value: CTR

0.15

0.10

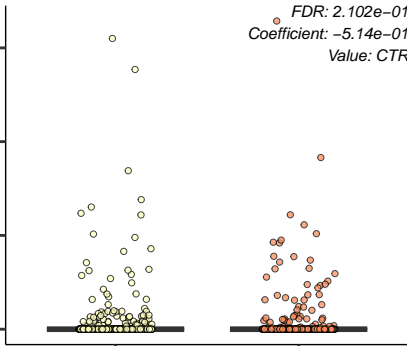
0.05

0.00

CTR (n=515)

ADA (n=277)

Group



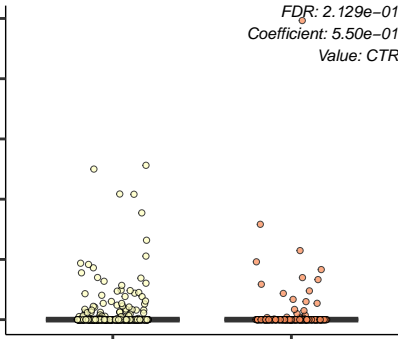
GGB3363\_SGB4448

*FDR: 2.129e-01*  
*Coefficient: 5.50e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



GGB9512\_SGB14909

*FDR: 2.173e-01*  
*Coefficient: -4.89e-01*  
*Value: CTR*

0.2

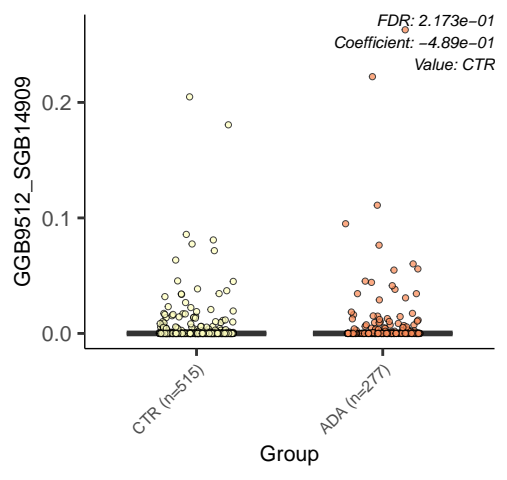
0.1

0.0

CTR (n=515)

ADA (n=277)

Group



Ruminococcus\_gnavus

FDR: 2.173e-01  
Coefficient: 9.99e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group

2

1

0

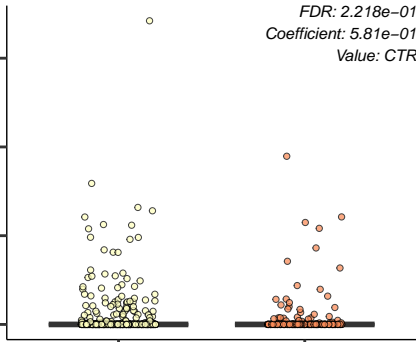
Ruminococcus\_SGB4421

*FDR: 2.218e-01*  
*Coefficient: 5.81e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group



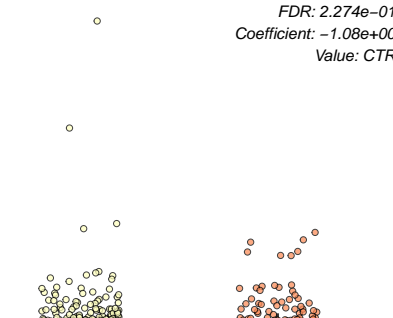
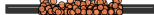
Candidatus\_Cibionibacter\_quicibialis

FDR: 2.274e-01  
Coefficient: -1.08e+00  
Value: CTR

CTR (n=515)

ADA (n=277)

Group





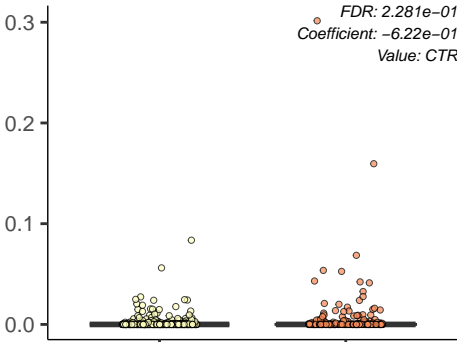
Alistipes\_sp\_AF17\_16

FDR: 2.281e-01  
Coefficient: -6.22e-01  
Value: CTR

CTR (n=515)

ADA (n=277)

Group



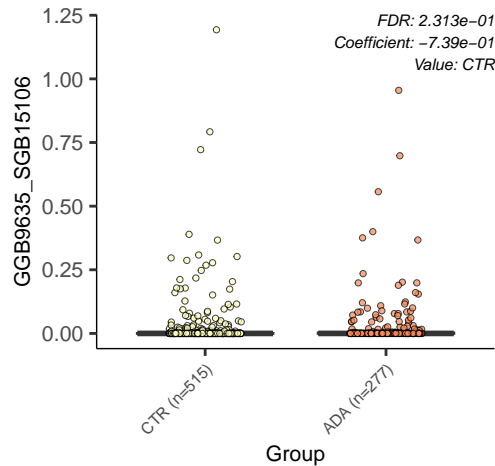
GGB9635\_SGB15106

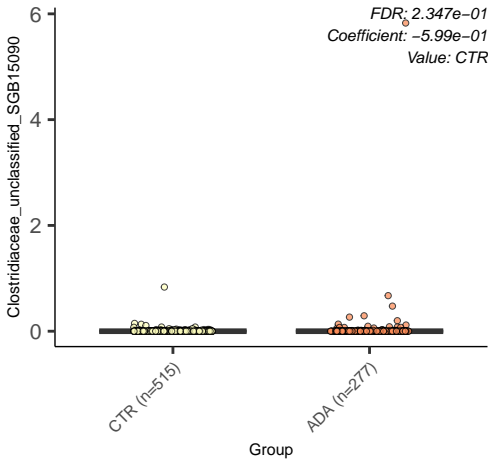
*FDR: 2.313e-01*  
*Coefficient: -7.39e-01*  
*Value: CTR*

CTR (n=515)

ADA (n=277)

Group







FDR: 2.347e-01  
Coefficient: -5.25e-01  
Value: CTR



Group

GGB33512\_SGB15201

FDR:  $2.381e-01$

Coefficient:  $-5.23e-01$

Value: CTR

0.2

0.1

0.0

CTR (n=515)

ADA (n=277)

Group

