

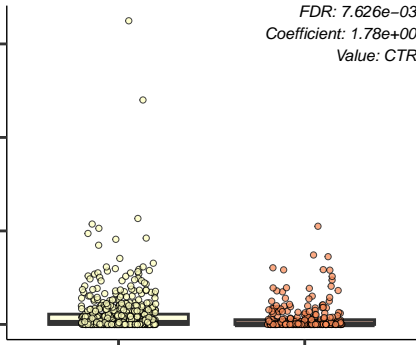
Eubacterium\_ventricosum

*FDR: 7.626e-03*  
*Coefficient: 1.78e+00*  
*Value: CTR*

CTR (n=559)

ADA (n=316)

Group



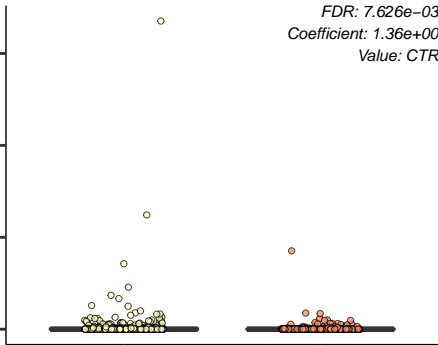
Streptococcus\_thermophilus

FDR:  $7.626e-03$   
Coefficient:  $1.36e+00$   
Value: CTR

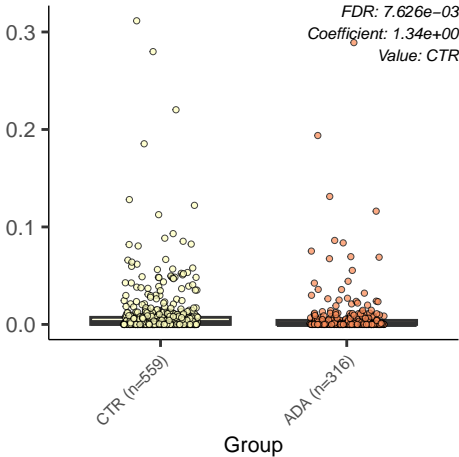
CTR (n=559)

ADA (n=316)

Group



Clostridium\_SGB4750



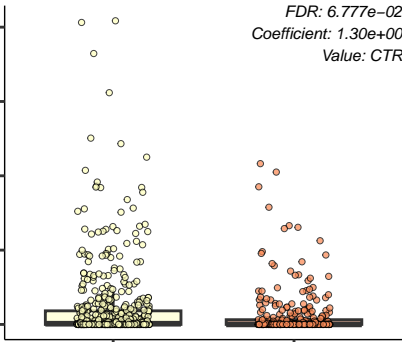
Ruminococcus\_bicirculans

FDR: 6.777e-02  
Coefficient: 1.30e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



GGB3614\_SGB4886

FDR:  $6.777\text{e-}02$

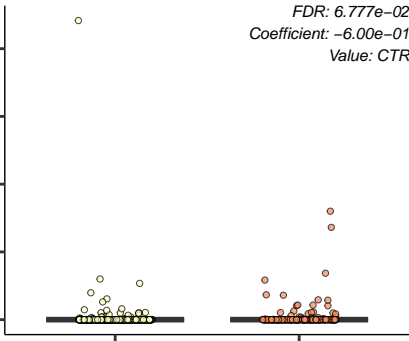
Coefficient:  $-6.00\text{e-}01$

Value: CTR

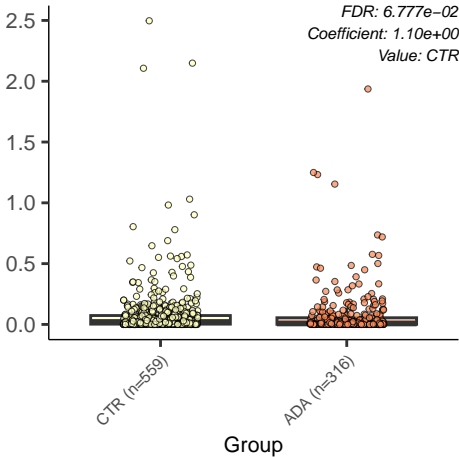
CTR (n=559)

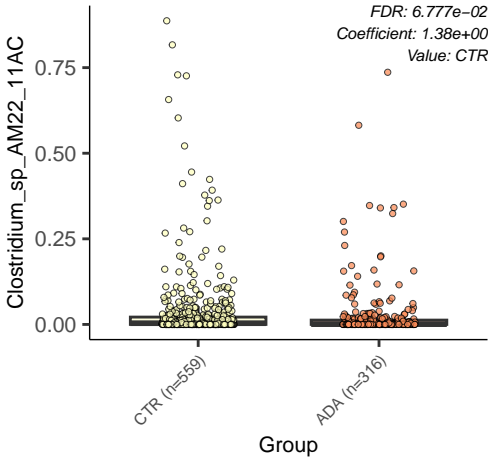
ADA (n=316)

Group



Anaerostipes\_hadrus





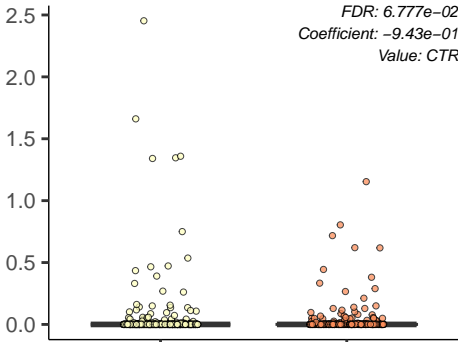
Klebsiella\_pneumoniae

FDR: 6.777e-02  
Coefficient: -9.43e-01  
Value: CTR

CTR (n=559)

ADA (n=316)

Group





GGB9642\_SGB15119

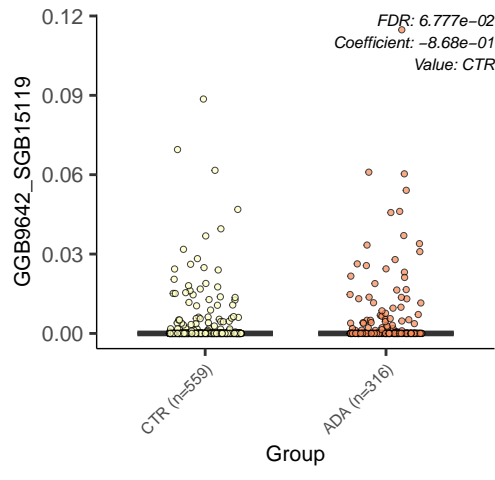
0.12  
0.09  
0.06  
0.03  
0.00

CTR (n=559)

ADA (n=316)

Group

*FDR: 6.777e-02*  
*Coefficient: -8.68e-01*  
*Value: CTR*



Collinsella\_SGB4121

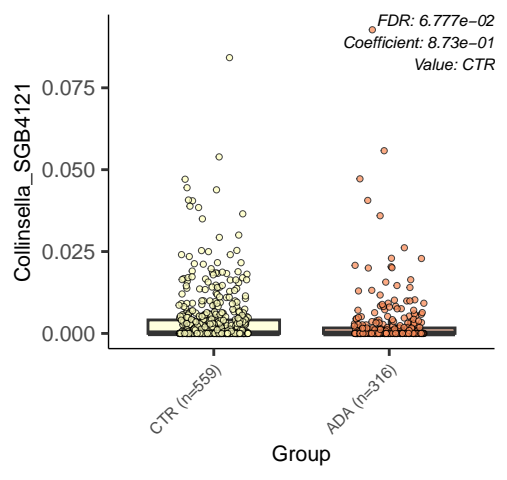
FDR:  $6.777\text{e-}02$   
Coefficient:  $8.73\text{e-}01$   
Value: CTR

0.075  
0.050  
0.025  
0.000

CTR (n=559)

ADA (n=316)

Group



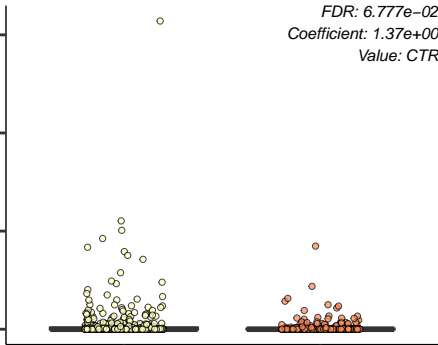
Bifidobacterium\_pseudocatenulatum

FDR: 6.777e-02  
Coefficient: 1.37e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



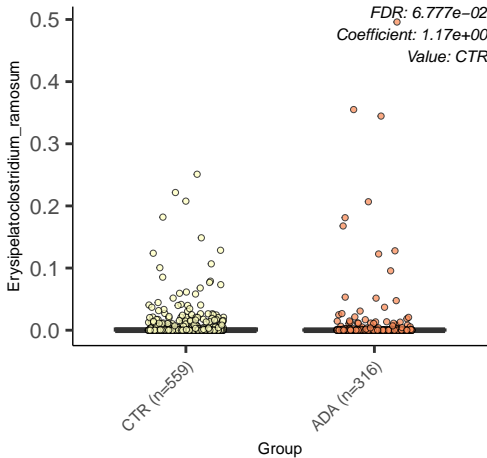
Erysipelatoclostridium\_ramosum

FDR: 6.777e-02  
Coefficient: 1.17e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



Clostridia\_bacterium\_UC5\_1\_1D1

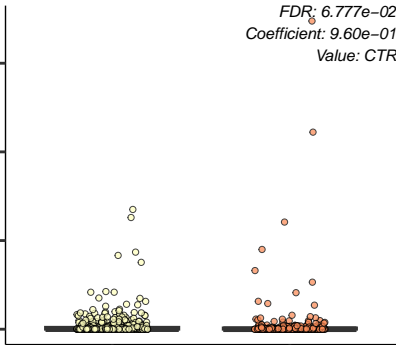
FDR:  $6.777\text{e-}02$   
Coefficient:  $9.60\text{e-}01$   
Value: CTR

0.075  
0.050  
0.025  
0.000

CTR (n=559)

ADA (n=316)

Group



Blautia\_faecis

FDR:  $8.065e-02$   
Coefficient:  $8.83e-01$   
Value: CTR

0.75

0.50

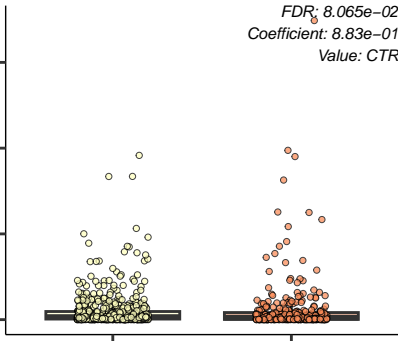
0.25

0.00

CTR (n=559)

ADA (n=316)

Group



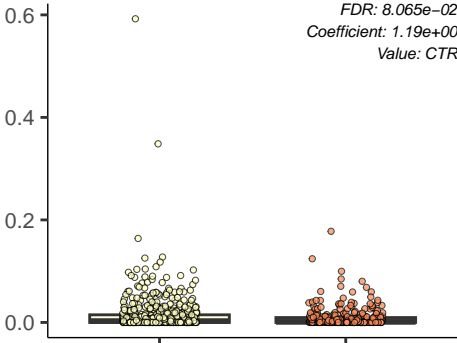
Lacrimispora\_amygdalina

FDR: 8.065e-02  
Coefficient: 1.19e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



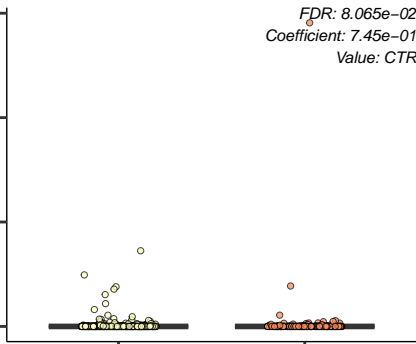
Merdimonas\_faecis

*FDR: 8.065e-02*  
*Coefficient: 7.45e-01*  
*Value: CTR*

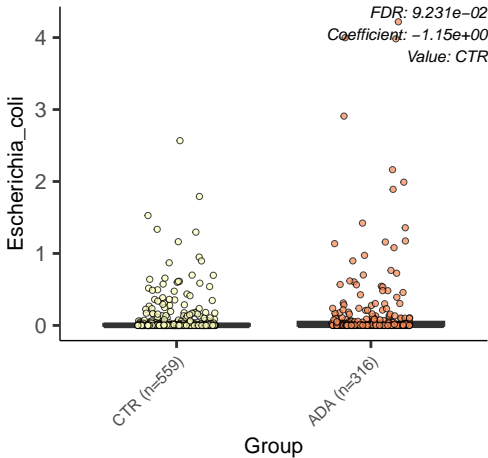
CTR (n=559)

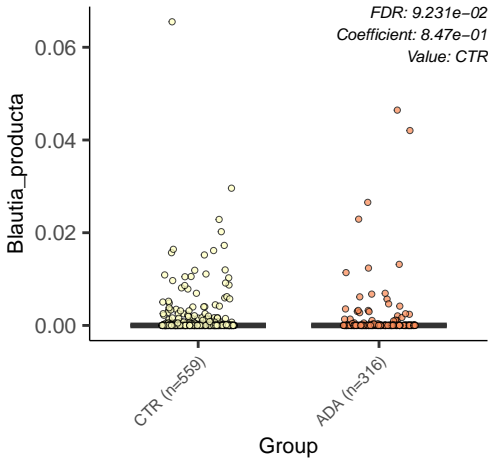
ADA (n=316)

Group









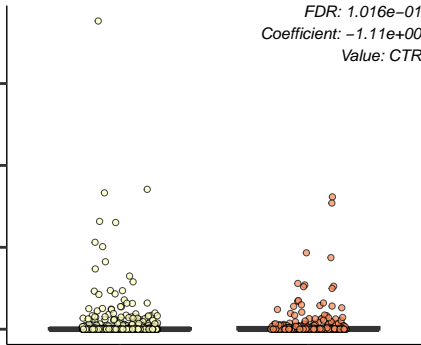
Bacteroides\_cellulosilyticus

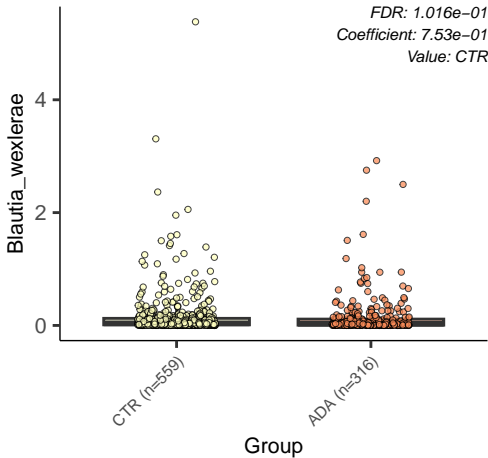
FDR: 1.016e-01  
Coefficient: -1.11e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group





Eggerthella\_lenta

0.3

0.2

0.1

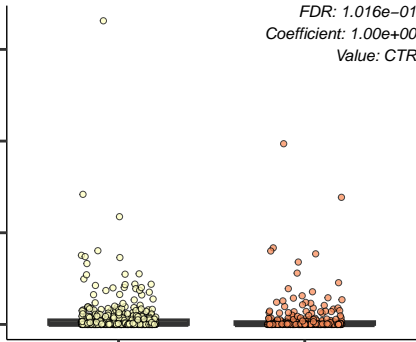
0.0

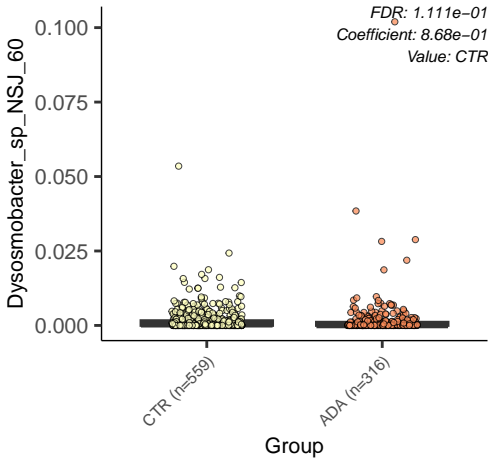
CTR (n=559)

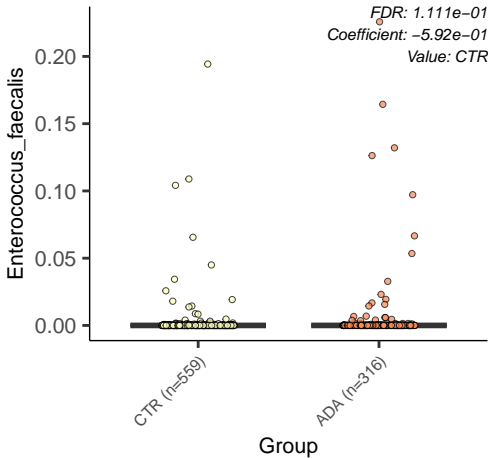
ADA (n=316)

Group

FDR: 1.016e-01  
Coefficient: 1.00e+00  
Value: CTR







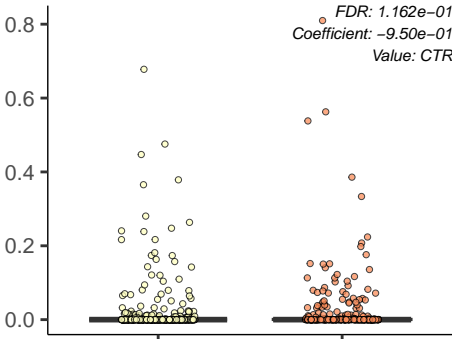
GGB3304\_SGB4367

FDR: 1.162e-01  
Coefficient: -9.50e-01  
Value: CTR

CTR (n=559)

ADA (n=316)

Group





Streptococcus\_salivarius

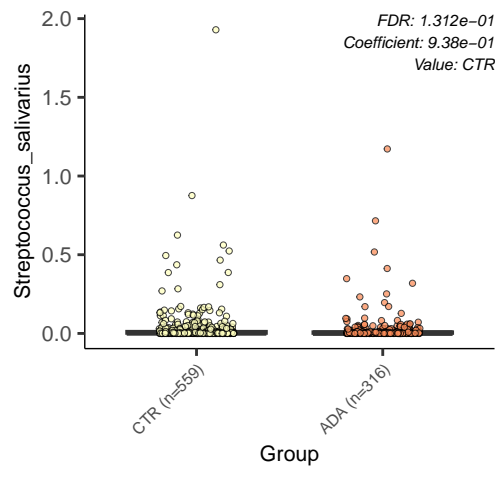
2.0  
1.5  
1.0  
0.5  
0.0

*FDR: 1.312e-01*  
*Coefficient: 9.38e-01*  
*Value: CTR*

CTR (n=559)

ADA (n=316)

Group



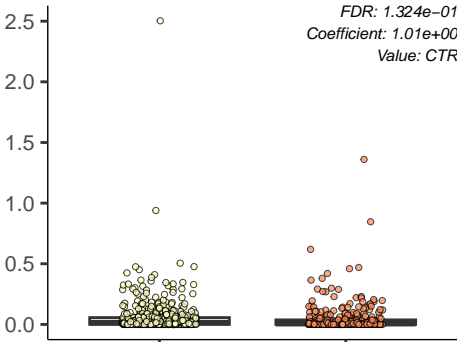
Roseburia\_inulinivorans

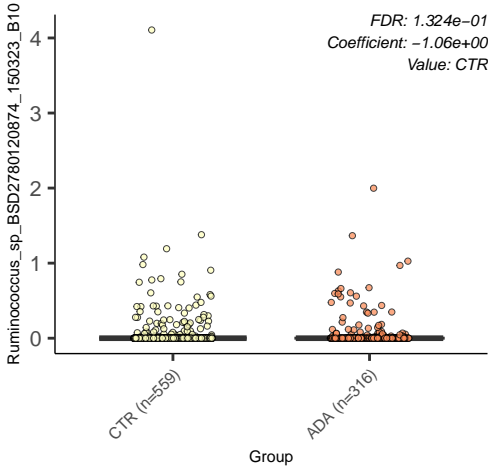
FDR: 1.324e-01  
Coefficient: 1.01e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group





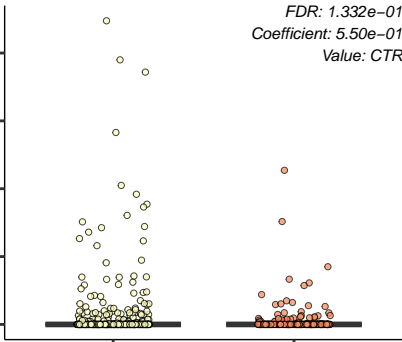
Clostridium\_sp\_AM42\_4

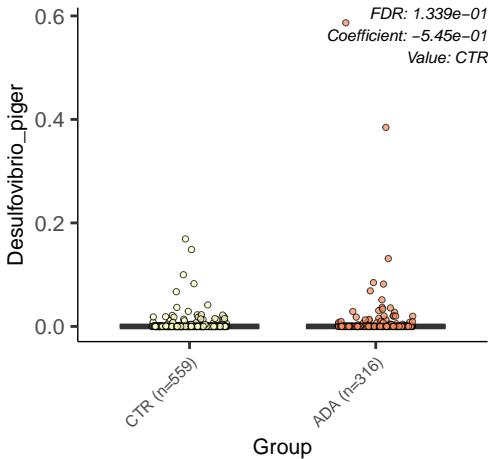
FDR: 1.332e-01  
Coefficient: 5.50e-01  
Value: CTR

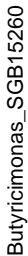
CTR (n=559)

ADA (n=316)

Group







FDR: 1.342e-01

Coefficient:  $-8.02e-01$

Value: CTR



Group

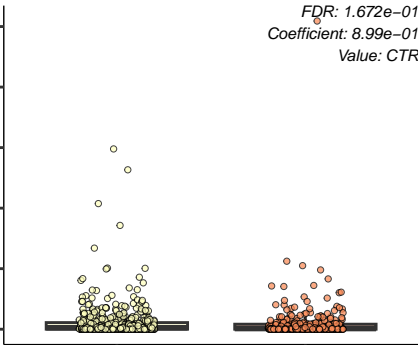
Clostridiales\_bacterium\_KLE1615

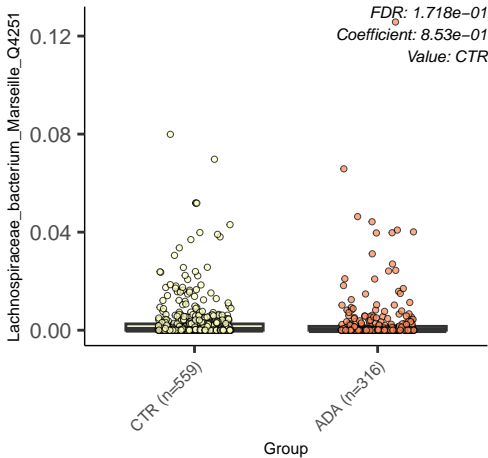
FDR: 1.672e-01  
Coefficient: 8.99e-01  
Value: CTR

CTR (n=559)

ADA (n=316)

Group







Clostridiaceae\_bacterium

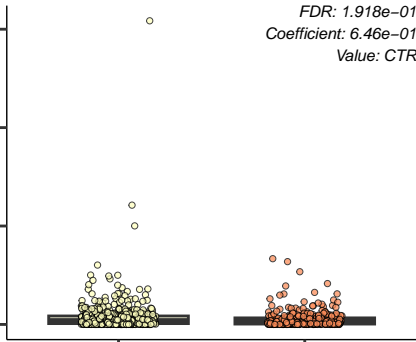
*FDR: 1.918e-01*  
*Coefficient: 6.46e-01*  
*Value: CTR*

1.5  
1.0  
0.5  
0.0

CTR (n=559)

ADA (n=316)

Group



GGB9712\_SGB15244

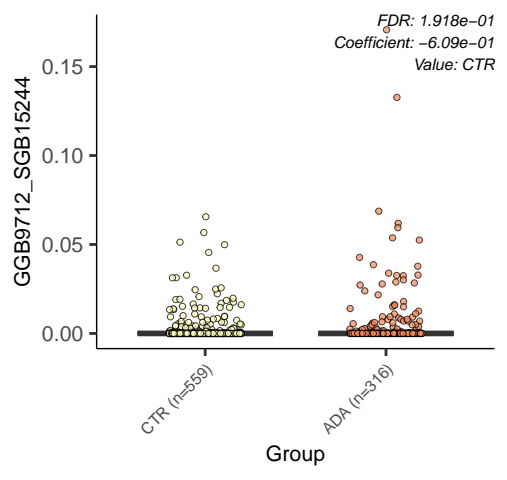
0.15  
0.10  
0.05  
0.00

CTR (n=559)

ADA (n=316)

Group

*FDR: 1.918e-01*  
*Coefficient: -6.09e-01*  
*Value: CTR*



Clostridium\_leptum

FDR: 1.918e-01  
Coefficient: 8.41e-01  
Value: CTR

0.2

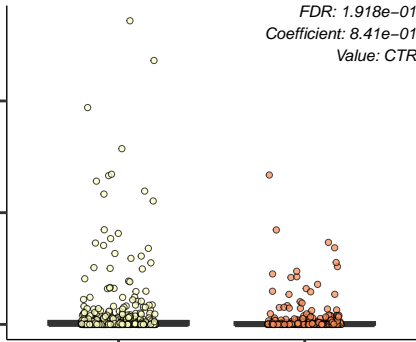
0.1

0.0

CTR (n=559)

ADA (n=316)

Group



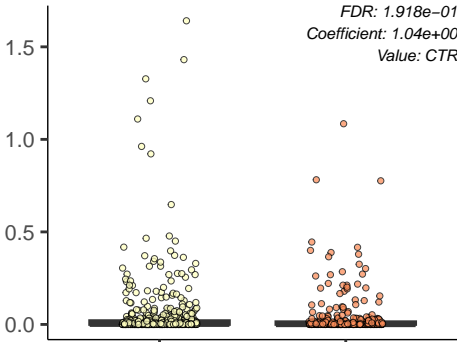
Ruminococcus\_gnavus

FDR: 1.918e-01  
Coefficient: 1.04e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



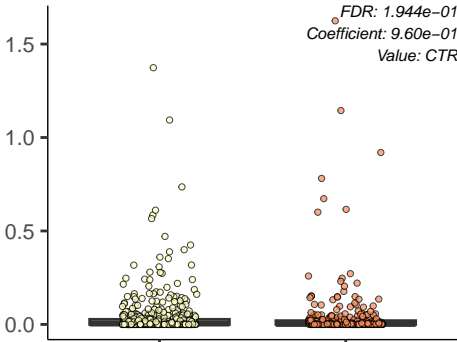
Bacteroides\_xylanisolvens

FDR: 1.944e-01  
Coefficient: 9.60e-01  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



GGB9619\_SGB15067

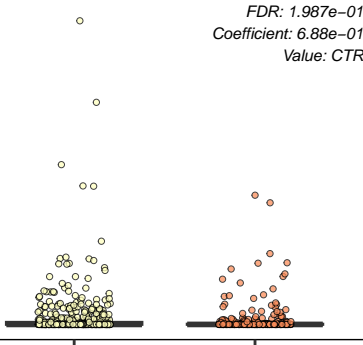
FDR: 1.987e-01  
Coefficient: 6.88e-01  
Value: CTR

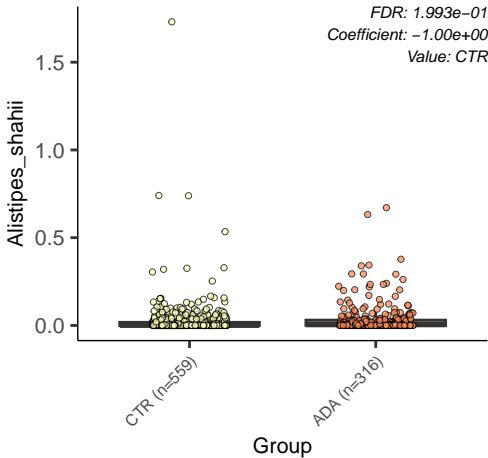
CTR (n=559)

ADA (n=316)

Group

0.06  
0.04  
0.02  
0.00





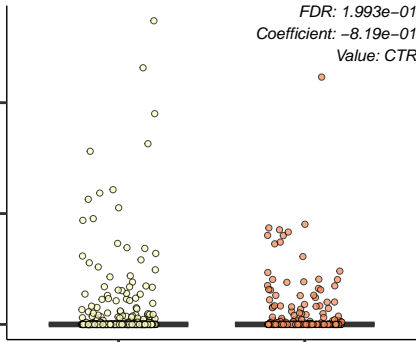
Ruminococcus\_callidus

FDR: 1.993e-01  
Coefficient: -8.19e-01  
Value: CTR

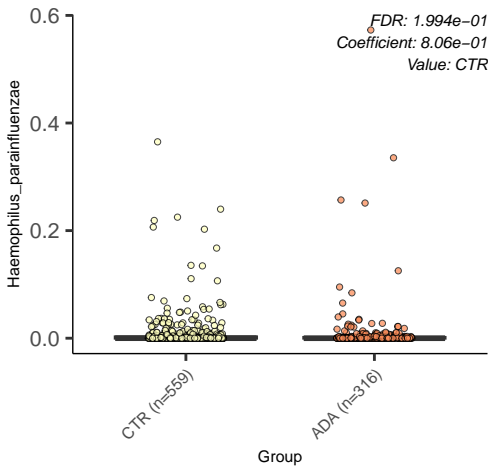
CTR (n=559)

ADA (n=316)

Group







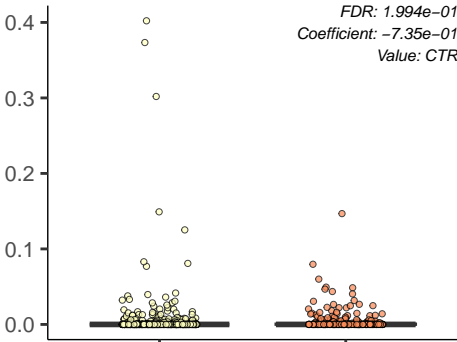
GGB33469\_SGB15236

*FDR: 1.994e-01*  
*Coefficient: -7.35e-01*  
*Value: CTR*

CTR (n=559)

ADA (n=316)

Group



Clostridium\_sp\_AF27\_2AA

0.10

0.05

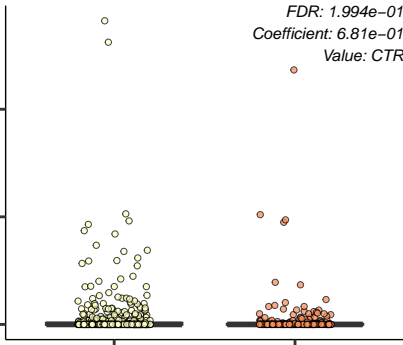
0.00

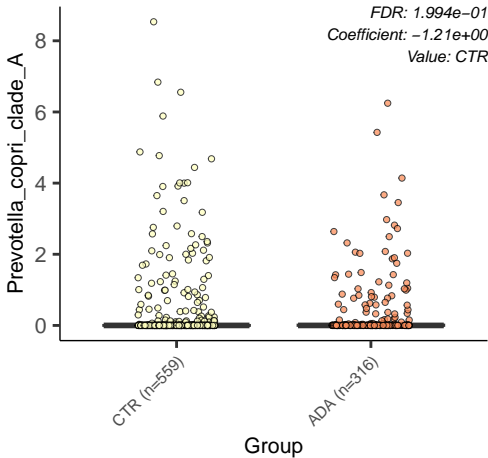
CTR (n=559)

ADA (n=316)

Group

FDR: 1.994e-01  
Coefficient: 6.81e-01  
Value: CTR





Value: CTR



CTR (n=559)

ADA (n=316)

Group

Paraprevotella\_clara

FDR: 2.170e-01

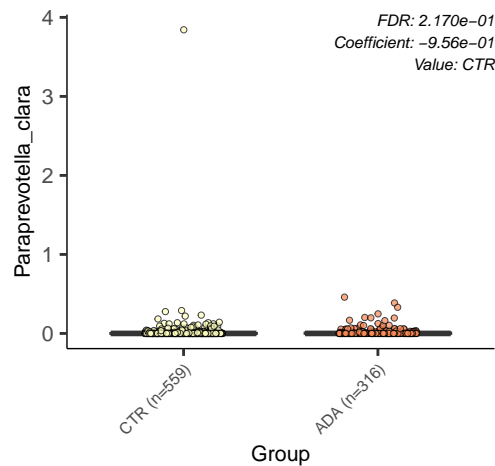
Coefficient: -9.56e-01

Value: CTR

CTR (n=559)

ADA (n=316)

Group



GGB9512\_SGB14909

*FDR: 2.170e-01*  
*Coefficient: -4.98e-01*  
*Value: CTR*

0.2

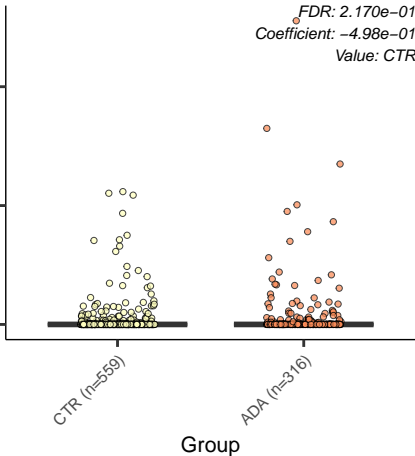
0.1

0.0

CTR (n=559)

ADA (n=316)

Group



Alistipes\_sp\_AF17\_16

0.15

0.10

0.05

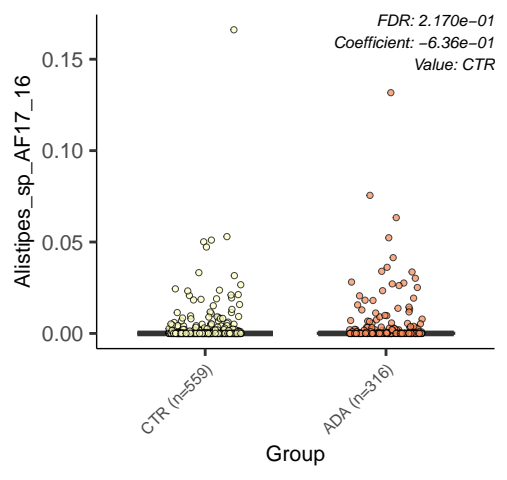
0.00

CTR (n=559)

ADA (n=316)

Group

FDR:  $2.170e-01$   
Coefficient:  $-6.36e-01$   
Value: CTR





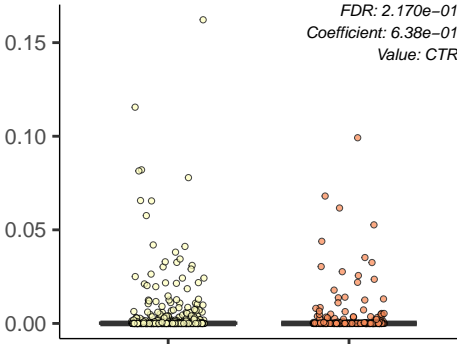
Sellimonas\_intestinalis

*FDR: 2.170e-01*  
*Coefficient: 6.38e-01*  
*Value: CTR*

CTR (n=559)

ADA (n=316)

Group



Ruminococcus\_SGB4421

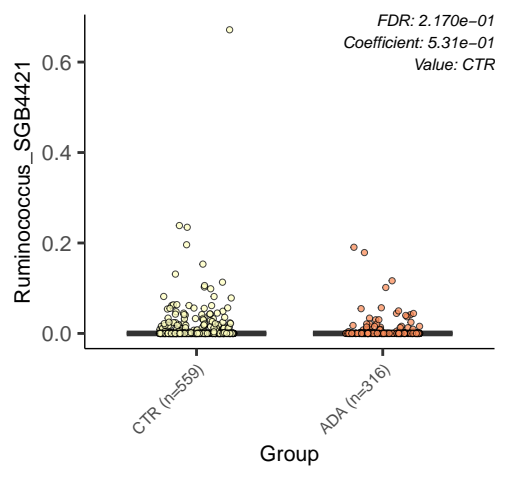
*FDR: 2.170e-01*  
*Coefficient: 5.31e-01*  
*Value: CTR*

CTR (n=559)

ADA (n=316)

Group

0.0  
0.2  
0.4  
0.6



Megamonas\_funiformis

*FDR: 2.170e-01*

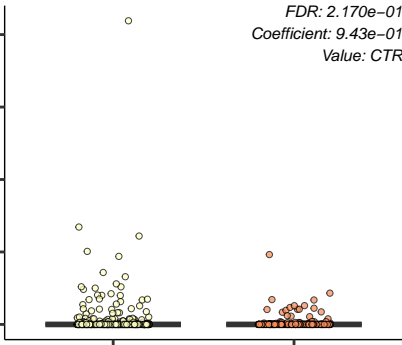
*Coefficient: 9.43e-01*

*Value: CTR*

CTR (n=559)

ADA (n=316)

Group



Megasphaera\_micronuciformis

*FDR: 2.170e-01*  
*Coefficient: -4.96e-01*  
*Value: CTR*

0.3

0.2

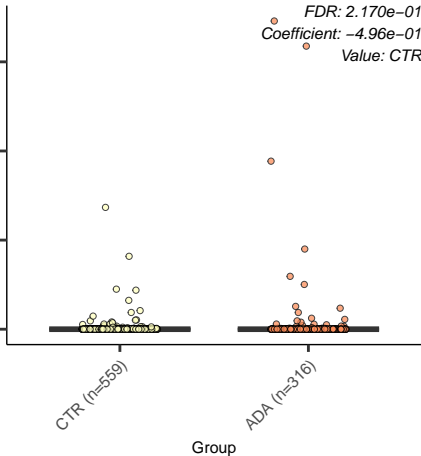
0.1

0.0

CTR (n=559)

ADA (n=316)

Group



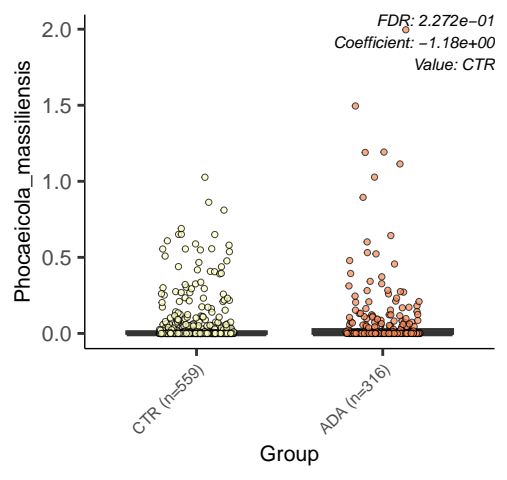
Phocaeicola\_massiliensis

FDR: 2.272e-01  
Coefficient: -1.18e+00  
Value: CTR

CTR (n=559)

ADA (n=316)

Group



GGB47687\_SGB2286

FDR: 2.438e-01

Coefficient: -5.89e-01

Value: CTR

1.0

0.5

0.0

CTR (n=559)

ADA (n=316)

Group

