

Collinsella

*FDR: 1.892e-10*

*Coefficient: -3.29e+00*

*Value: NO*

4000

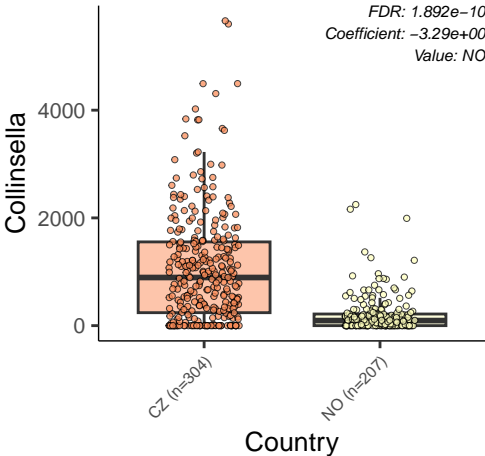
2000

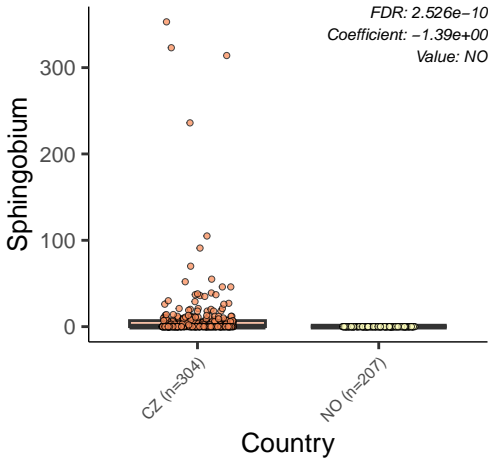
0

CZ (n=304)

NO (n=207)

Country





Bifidobacterium

4000

2000

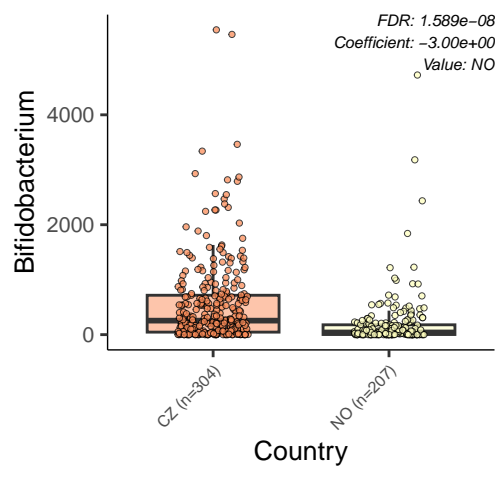
0

CZ (n=304)

NO (n=207)

Country

*FDR: 1.589e-08*  
*Coefficient: -3.00e+00*  
*Value: NO*



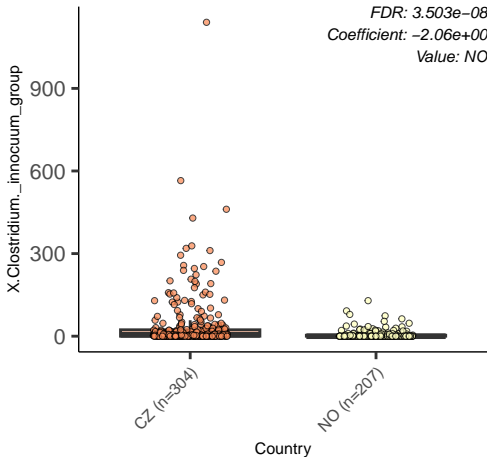
X.Clostridium.\_innocuum\_group

*FDR: 3.503e-08*  
*Coefficient: -2.06e+00*  
*Value: NO*

CZ (n=304)

NO (n=207)

Country



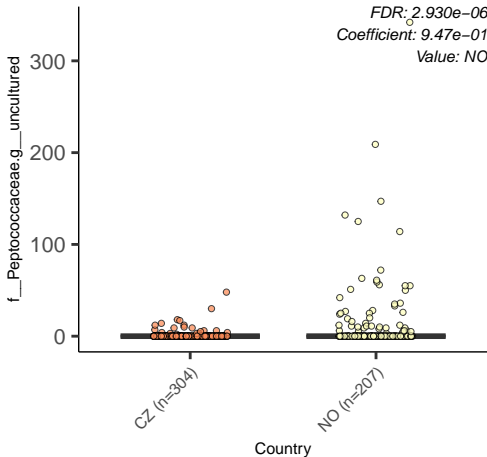
f\_\_Peptococcaceae.g\_\_uncultured

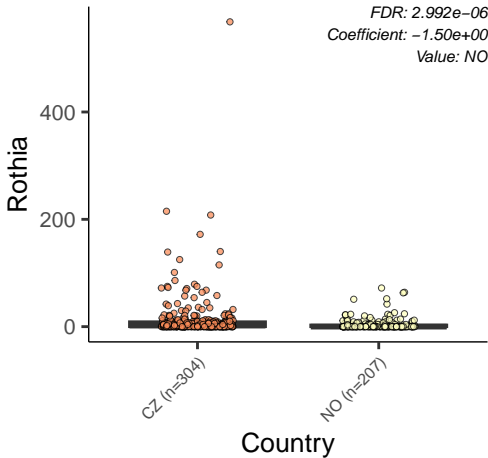
FDR: 2.930e-06  
Coefficient: 9.47e-01  
Value: NO

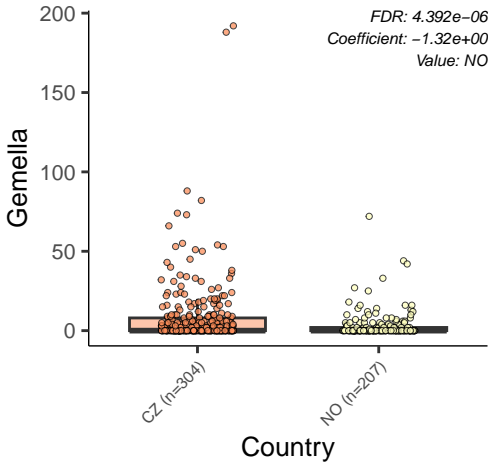
CZ (n=304)

NO (n=207)

Country

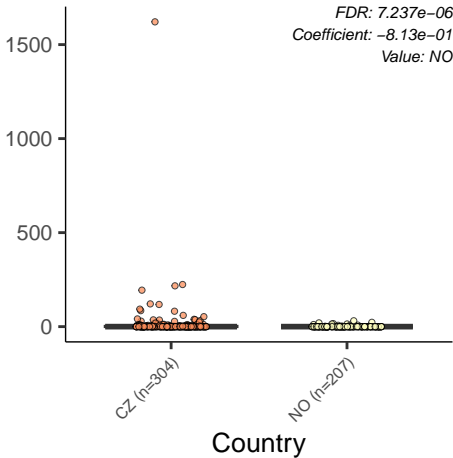








Corynebacterium



Streptococcus

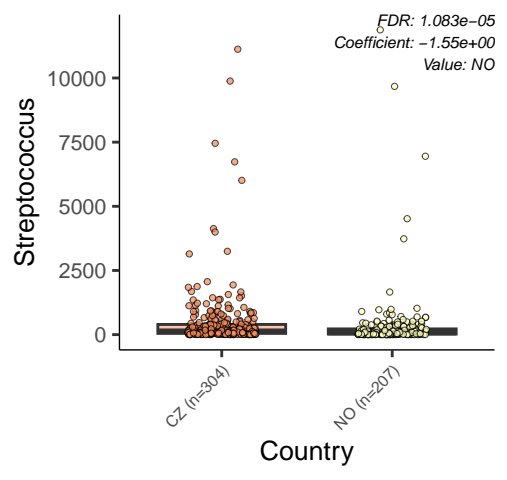
10000  
7500  
5000  
2500  
0

*FDR: 1.083e-05*  
*Coefficient: -1.55e+00*  
*Value: NO*

CZ (n=304)

NO (n=207)

Country



Gordonibacter

FDR:  $1.131\text{e-}05$

Coefficient:  $-1.12\text{e}+00$

Value: NO

200

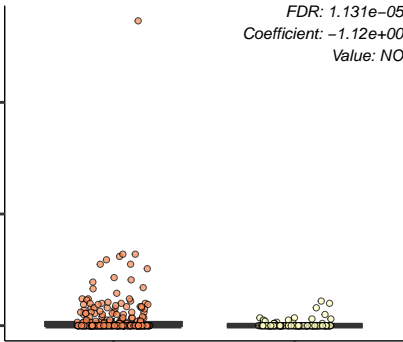
100

0

CZ (n=304)

NO (n=207)

Country



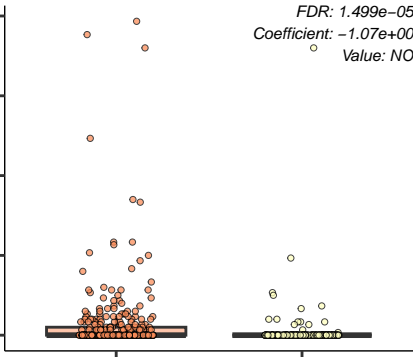
X.Eubacterium.\_brachy\_group

FDR: 1.499e-05  
Coefficient: -1.07e+00  
Value: NO

CZ (n=304)

NO (n=207)

Country



Senegalimassilia

*FDR: 3.654e-05*  
*Coefficient: -2.02e+00*  
*Value: NO*

400

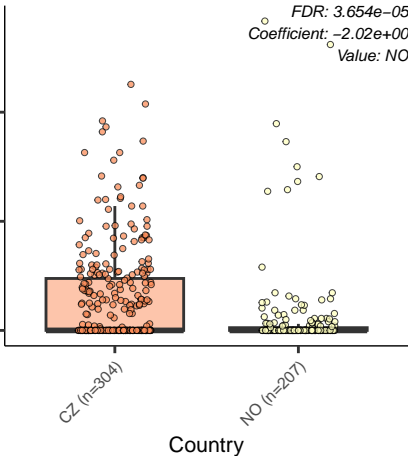
200

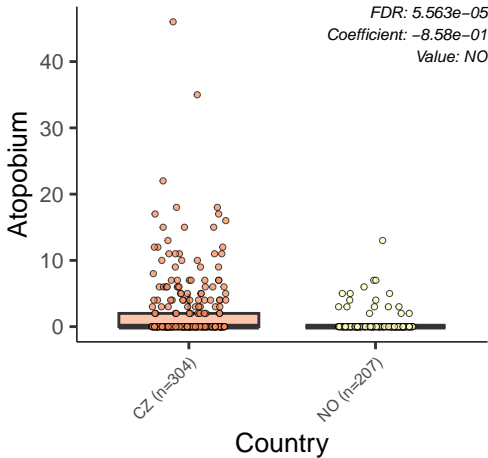
0

CZ (n=304)

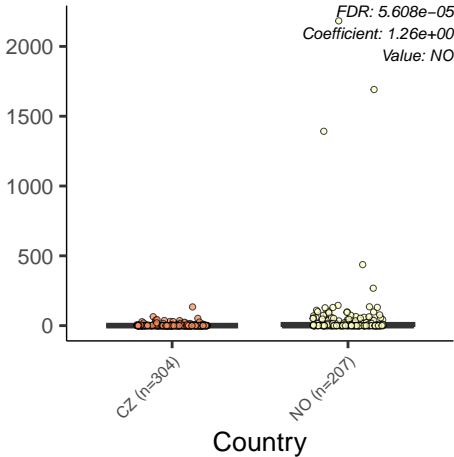
NO (n=207)

Country





Eisenbergiella



Mogibacterium

FDR: 1.200e-04

Coefficient: -1.00e+00

Value: NO

300

200

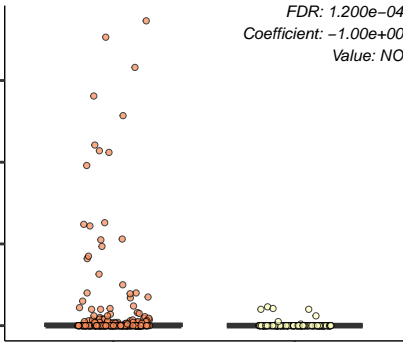
100

0

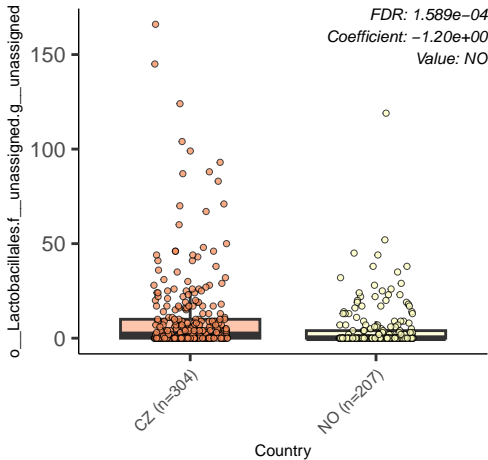
CZ (n=304)

NO (n=207)

Country







Family\_XIII\_UCG.001

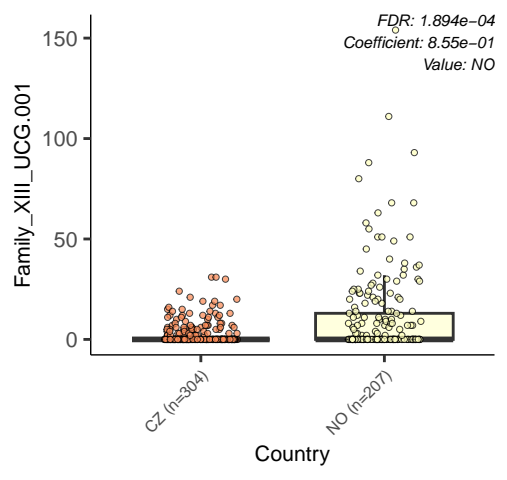
*FDR: 1.894e-04*  
*Coefficient: 8.55e-01*  
*Value: NO*

CZ (n=304)

NO (n=207)

Country

150  
100  
50  
0



Erysipelatoclostridium

600

400

200

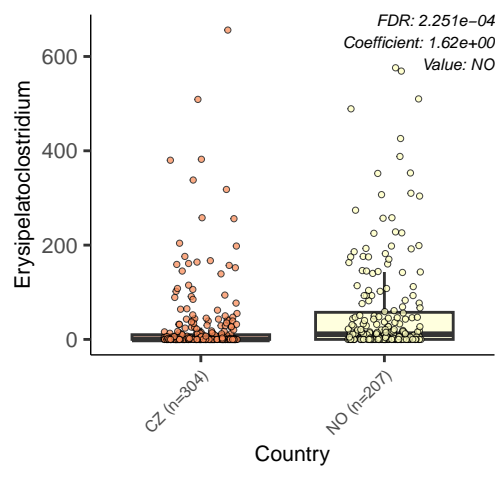
0

CZ (n=304)

NO (n=207)

Country

FDR: 2.251e-04  
Coefficient: 1.62e+00  
Value: NO



Marvinbryantia

*FDR: 2.623e-04*  
*Coefficient: 1.20e+00*  
*Value: NO*

400

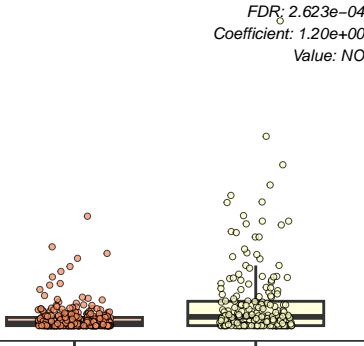
200

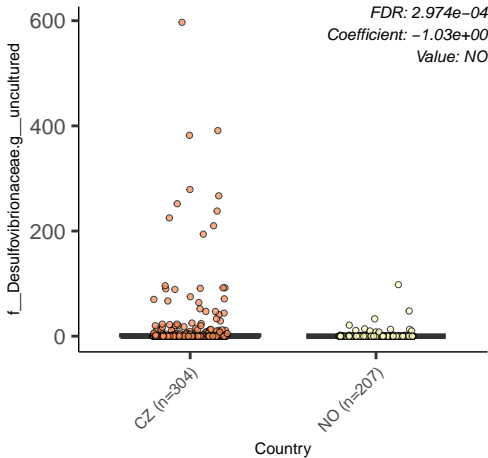
0

CZ (n=304)

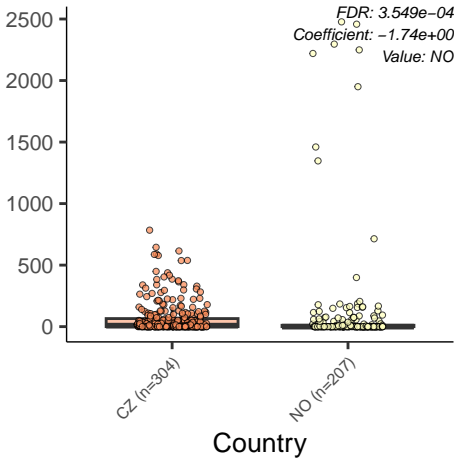
NO (n=207)

Country

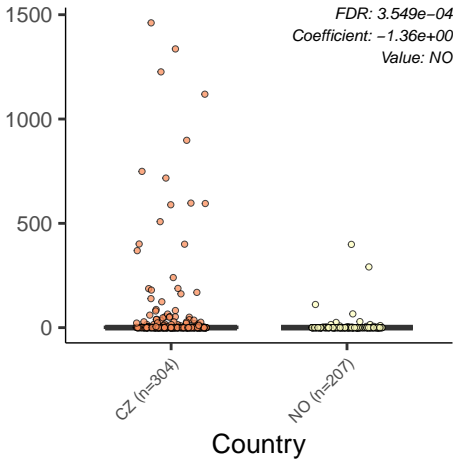




Coprobacter



Megasphaera



Acidaminococcus

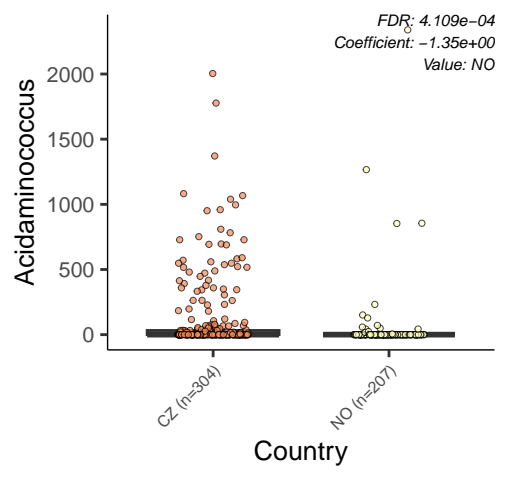
FDR:  $4.109e-04$   
Coefficient:  $-1.35e+00$   
Value: NO

CZ (n=304)

NO (n=207)

Country

2000  
1500  
1000  
500  
0





Holdemanella

*FDR: 4.235e-04*

*Coefficient: -1.59e+00*

*Value: NO*

2000

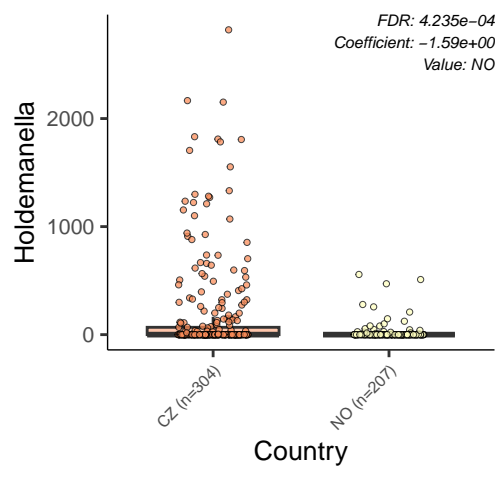
1000

0

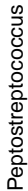
CZ (n=304)

NO (n=207)

Country



Value: NO



1000

500

0

CZ (n=304)

NO (n=207)

Country

Staphylococcus

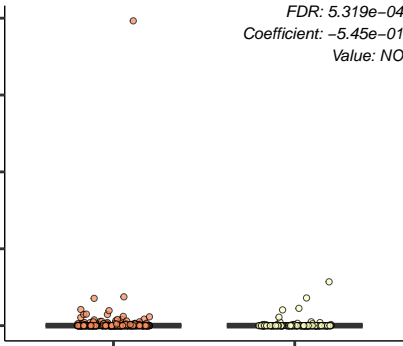
800  
600  
400  
200  
0

*FDR: 5.319e-04*  
*Coefficient: -5.45e-01*  
*Value: NO*

CZ (n=304)

NO (n=207)

Country



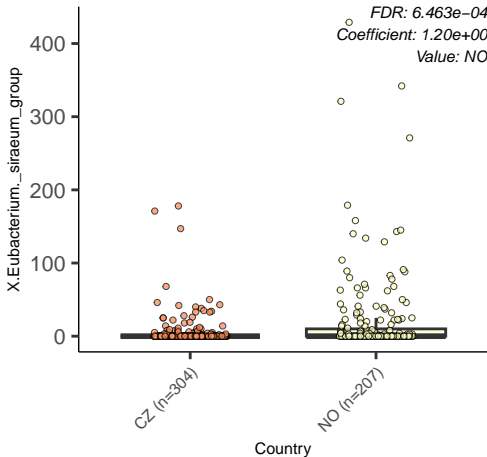
X.Eubacterium.\_siraеum\_group

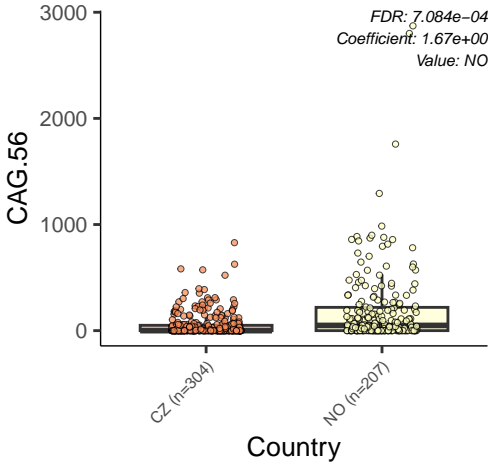
FDR: 6.463e-04  
Coefficient: 1.20e+00  
Value: NO

CZ (n=304)

NO (n=207)

Country





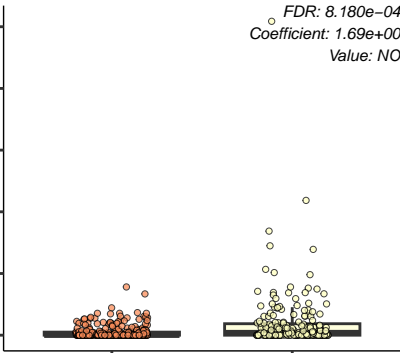
Christensenellaceae\_R.7\_group

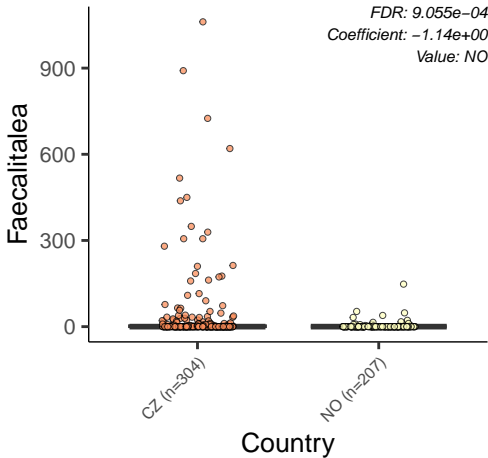
*FDR: 8.180e-04*  
*Coefficient: 1.69e+00*  
*Value: NO*

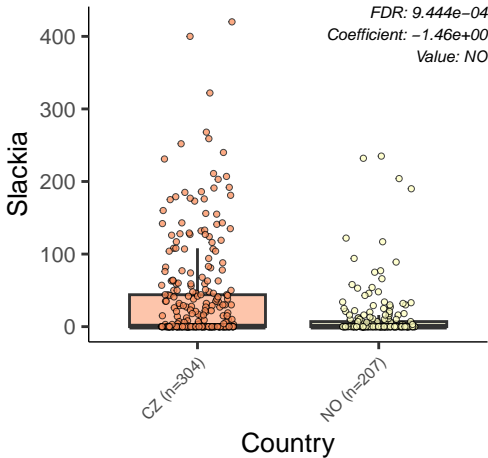
CZ (n=304)

NO (n=207)

Country









X.Eubacterium.\_hallii\_group

2000

1500

1000

500

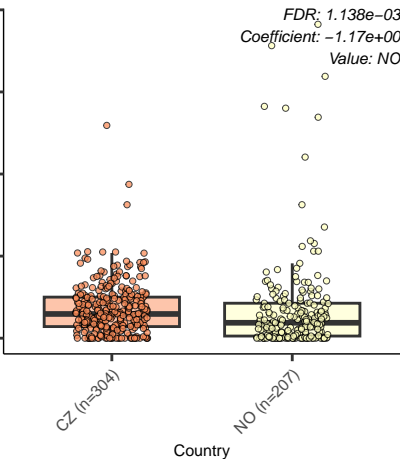
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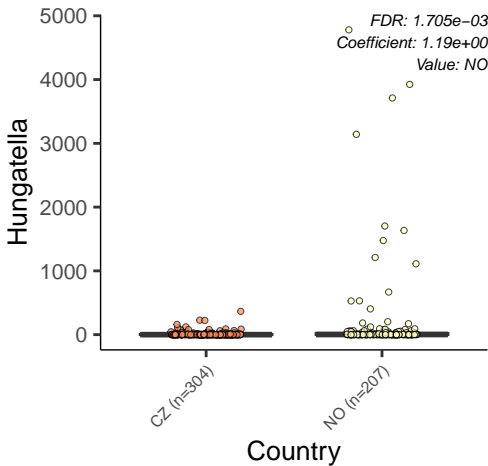
CZ (n=304)

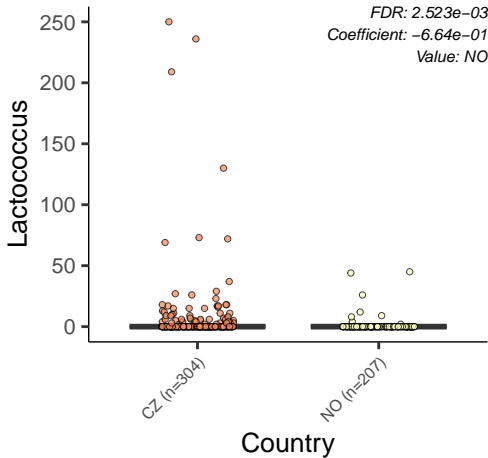
NO (n=207)

Country

FDR:  $1.138e-03$   
Coefficient:  $-1.17e+00$   
Value: NO







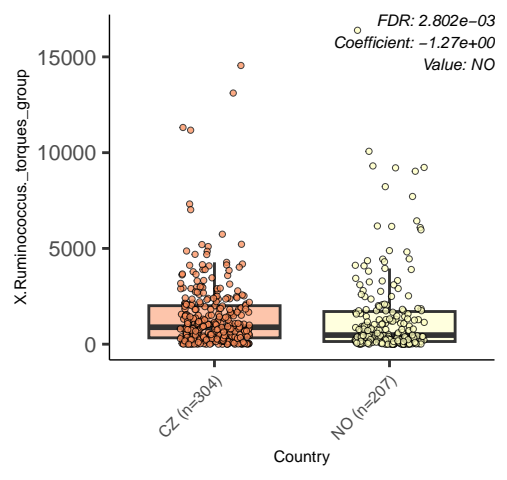
X.Ruminococcus.\_torques\_group

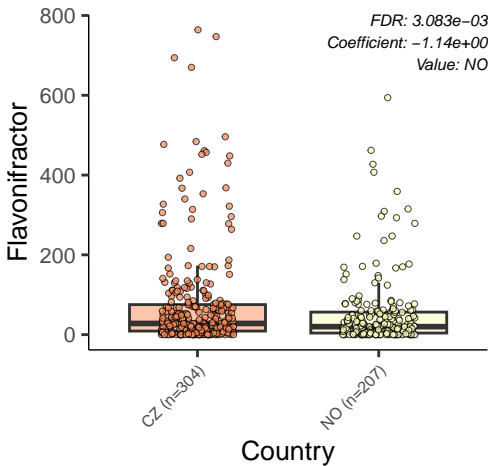
FDR: 2.802e-03  
Coefficient: -1.27e+00  
Value: NO

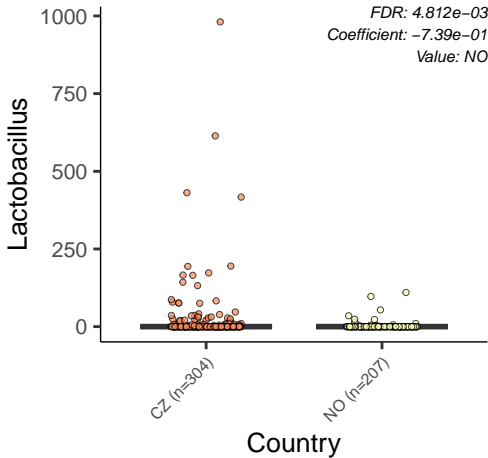
CZ (n=304)

NO (n=207)

Country







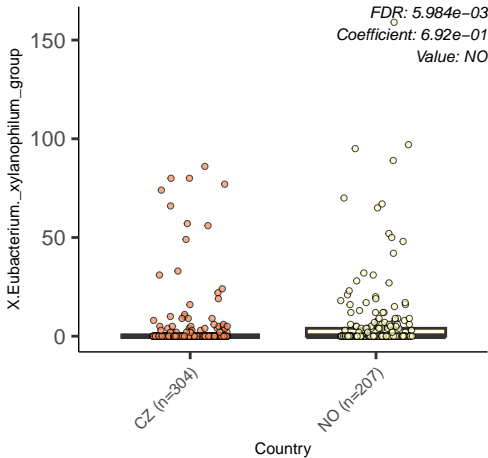
X.Eubacterium.\_xylanophilum\_group

FDR: 5.984e-03  
Coefficient: 6.92e-01  
Value: NO

CZ (n=304)

NO (n=207)

Country



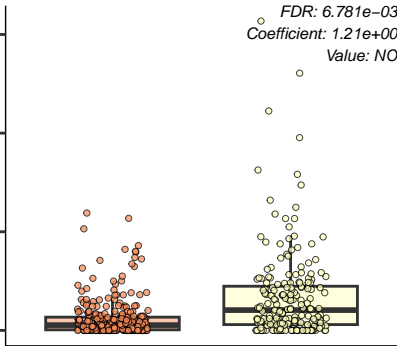
Lachnospiraceae\_UCG.004

*FDR: 6.781e-03*  
*Coefficient: 1.21e+00*  
*Value: NO*

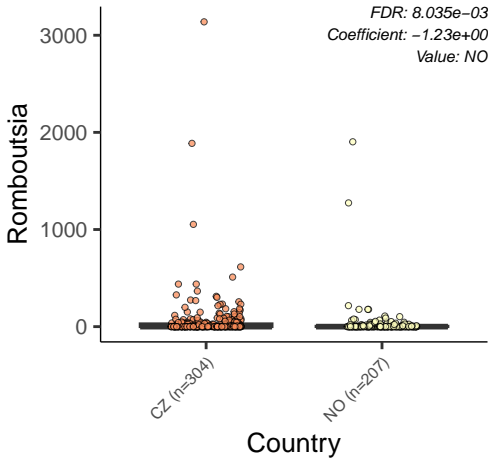
CZ (n=304)

NO (n=207)

Country







Eggerthella

600

400

200

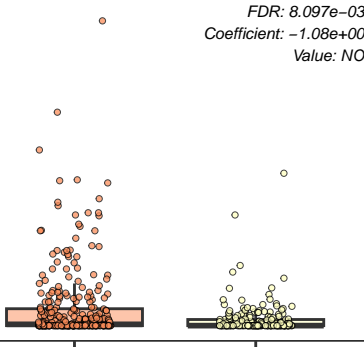
0

CZ (n=304)

NO (n=207)

Country

*FDR: 8.097e-03*  
*Coefficient: -1.08e+00*  
*Value: NO*



f\_\_Ruminococcaceae.g\_\_uncultured

FDR: 1.368e-02  
Coefficient: 8.16e-01  
Value: NO

300

200

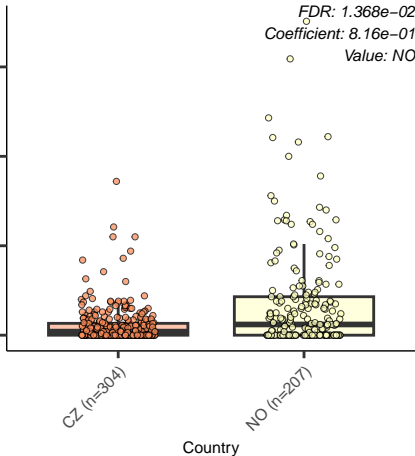
100

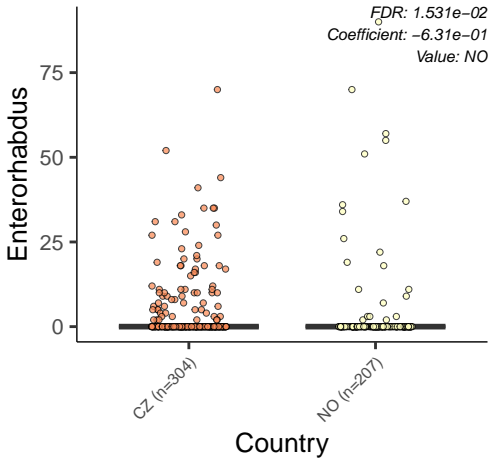
0

CZ (n=304)

NO (n=207)

Country





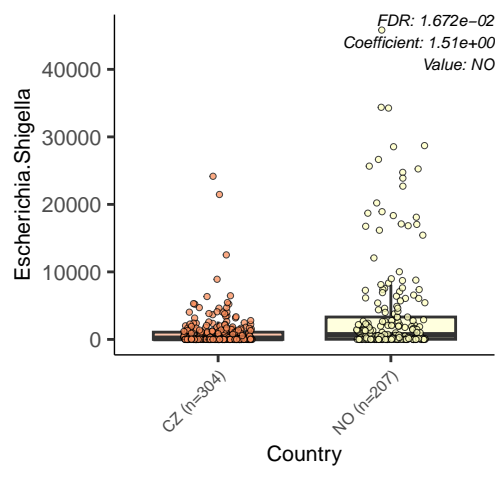
Escherichia.Shigella

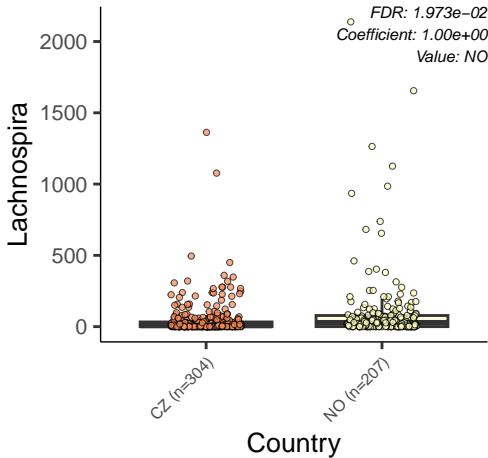
FDR: 1.672e-02  
Coefficient: 1.51e+00  
Value: NO

CZ (n=304)

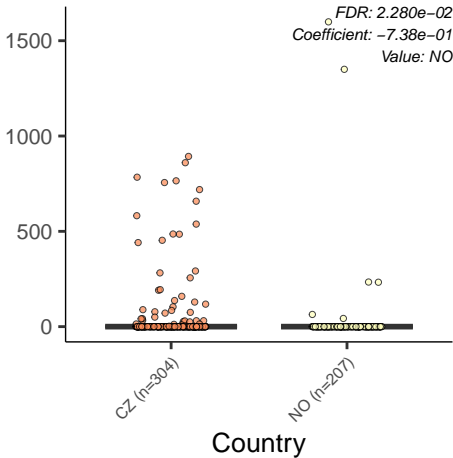
NO (n=207)

Country





Catenibacterium



Clostridia\_vadinBB60\_group

FDR: 2.325e-02  
Coefficient: 6.87e-01  
Value: NO

600

400

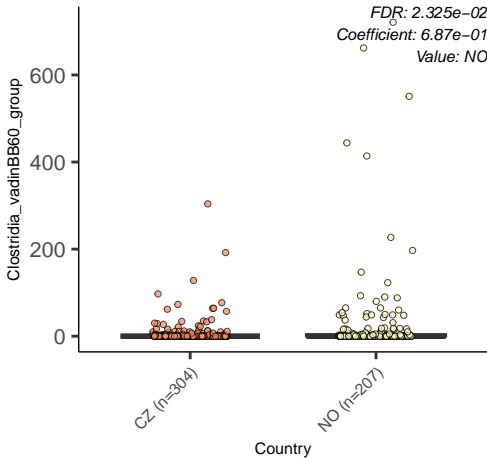
200

0

CZ (n=304)

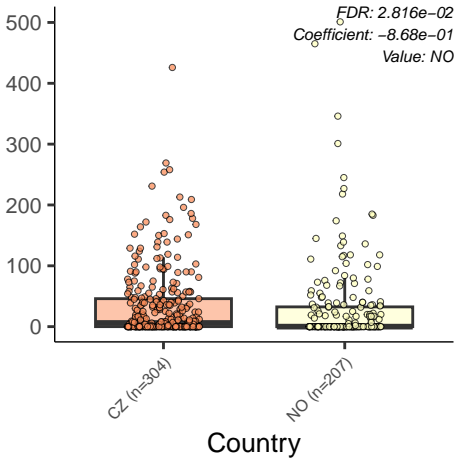
NO (n=207)

Country





Butyricimonas



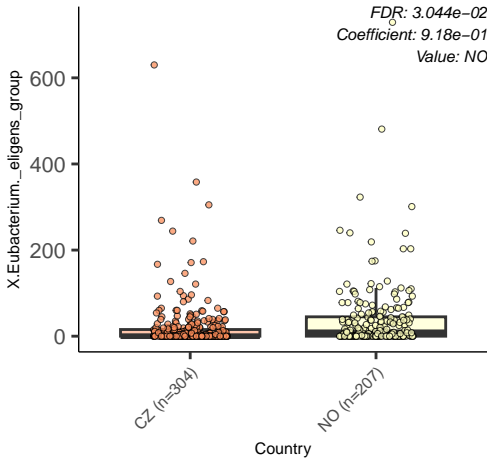
X.Eubacterium.\_eligans\_group

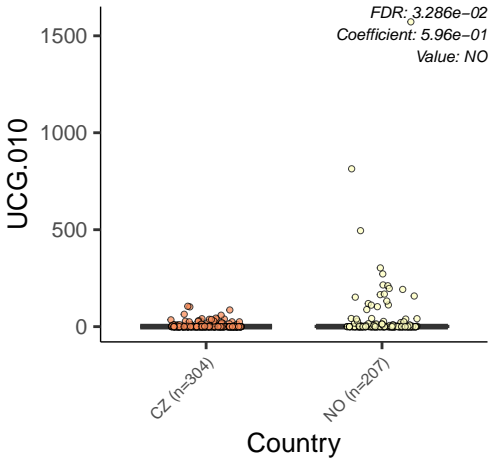
FDR:  $3.044e-02$   
Coefficient:  $9.18e-01$   
Value: NO

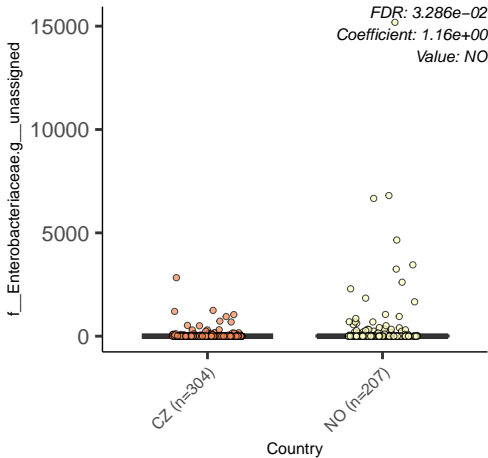
CZ (n=304)

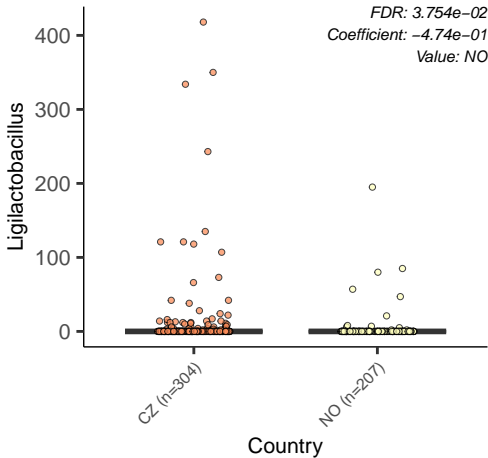
NO (n=207)

Country









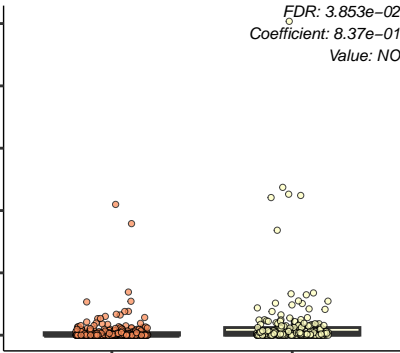
Lachnospiraceae\_NK4A136\_group

FDR: 3.853e-02  
Coefficient: 8.37e-01  
Value: NO

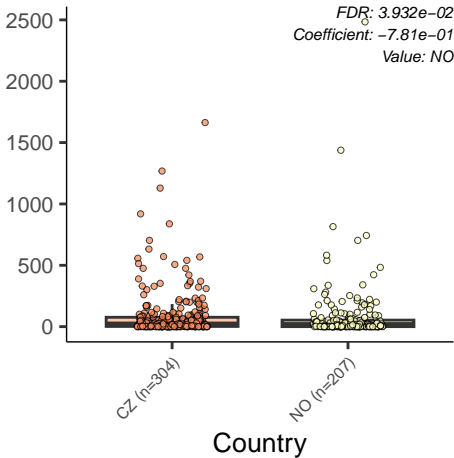
CZ (n=304)

NO (n=207)

Country



Haemophilus



Faecalibacterium

*FDR: 3.982e-02*  
*Coefficient: 9.36e-01*  
*Value: NO*

20000

15000

10000

5000

0

CZ (n=304)

NO (n=207)

Country

