

Rothia

150

100

50

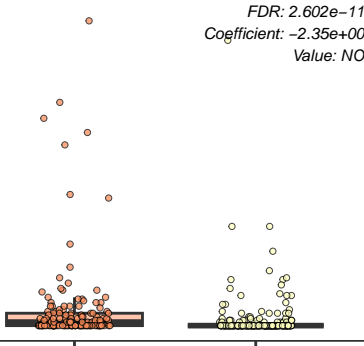
0

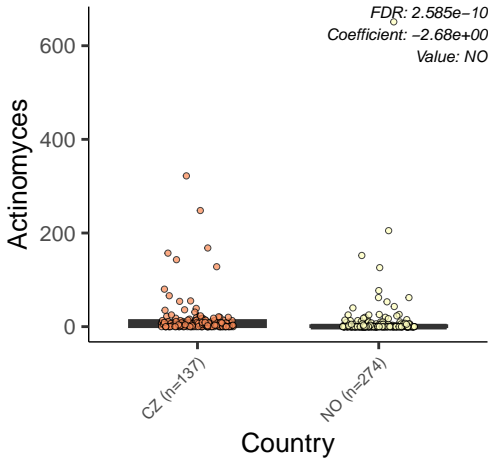
CZ (n=137)

NO (n=274)

Country

*FDR: 2.602e-11*  
*Coefficient: -2.35e+00*  
*Value: NO*





Gordonibacter

*FDR: 1.520e-08*

*Coefficient: -1.70e+00*

*Value: NO*

200

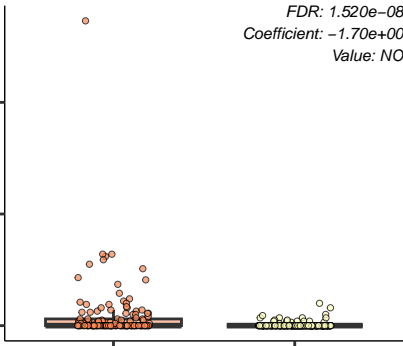
100

0

CZ (n=137)

NO (n=274)

Country



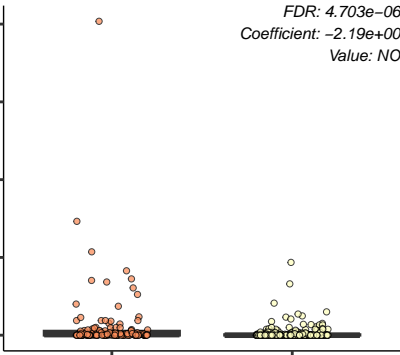
X.Clostridium.\_innocuum\_group

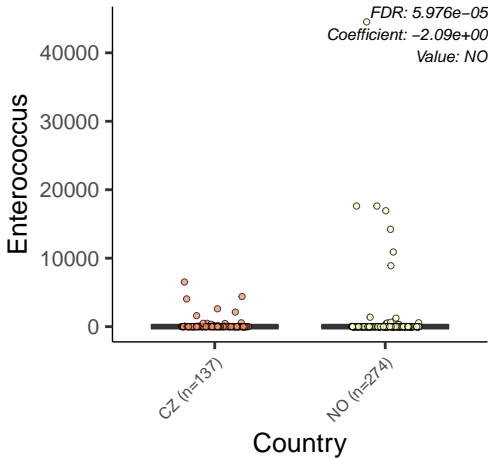
*FDR: 4.703e-06*  
*Coefficient: -2.19e+00*  
*Value: NO*

CZ (n=137)

NO (n=274)

Country





f\_\_Peptococcaceae.g\_\_uncultured

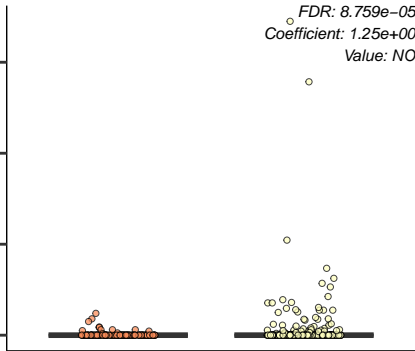
FDR: 8.759e-05  
Coefficient: 1.25e+00  
Value: NO

600  
400  
200  
0

CZ (n=137)

NO (n=274)

Country



Mogibacterium

FDR: 1.003e-04

Coefficient: -1.13e+00

Value: NO

200

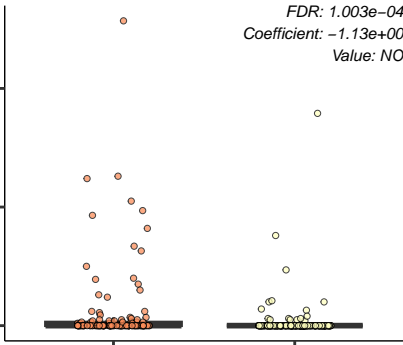
100

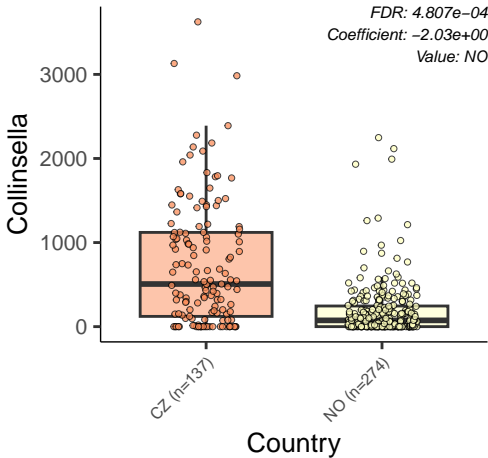
0

CZ (n=137)

NO (n=274)

Country







Eggerthella

1000

500

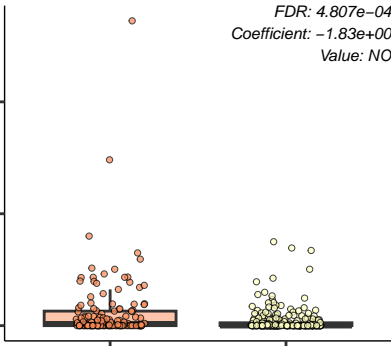
0

CZ (n=137)

NO (n=274)

Country

*FDR: 4.807e-04*  
*Coefficient: -1.83e+00*  
*Value: NO*



Faecalibacterium

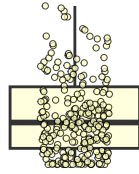
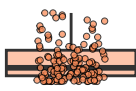
30000  
20000  
10000  
0

CZ (n=137)

NO (n=274)

Country

*FDR: 1.752e-03*  
*Coefficient: 1.59e+00*  
*Value: NO*



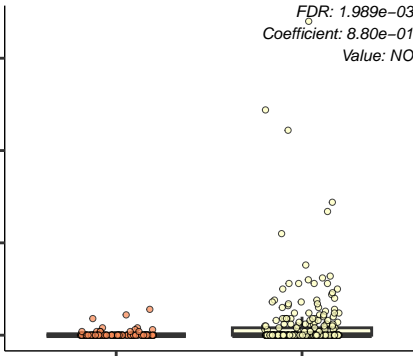
X.Eubacterium.\_xylanophilum\_group

*FDR: 1.989e-03*  
*Coefficient: 8.80e-01*  
*Value: NO*

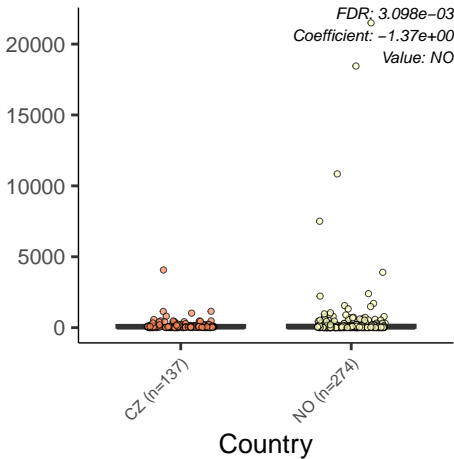
CZ (n=137)

NO (n=274)

Country



Streptococcus



Peptostreptococcus

*FDR: 3.388e-03*

*Coefficient: -9.29e-01*

*Value: NO*

200

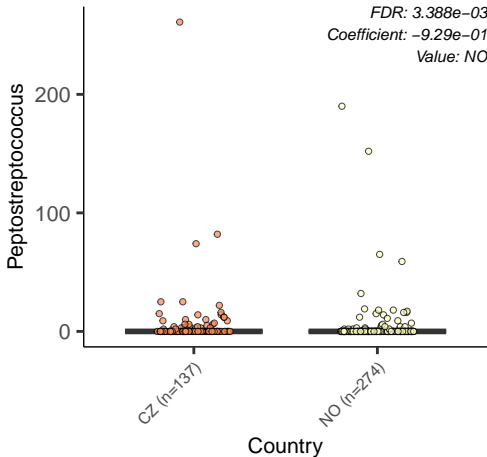
100

0

CZ (n=137)

NO (n=274)

Country



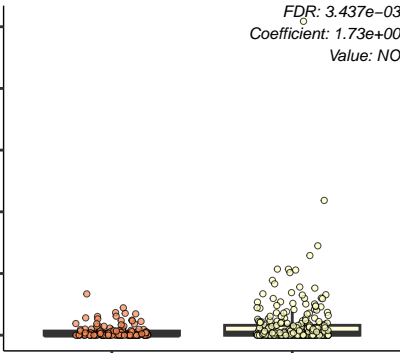
Christensenellaceae\_R.7\_group

*FDR: 3.437e-03*  
*Coefficient: 1.73e+00*  
*Value: NO*

CZ (n=137)

NO (n=274)

Country



Pseudomonas

*FDR: 5.170e-03*  
*Coefficient: 1.08e+00*  
*Value: NO*

6000

4000

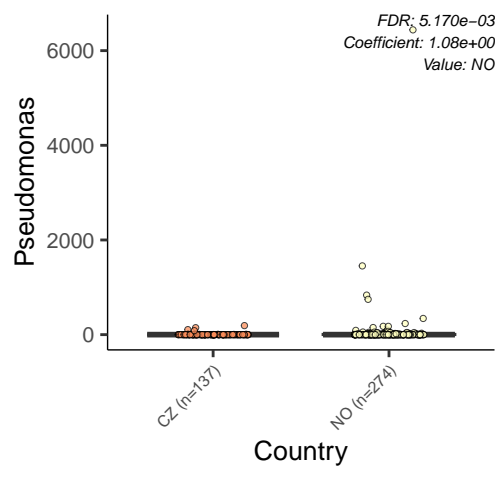
2000

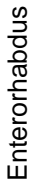
0

CZ (n=137)

NO (n=274)

Country





*FDR: 5.818e-03*

Coefficient:  $-8.45e-01$

Value: NO



Country



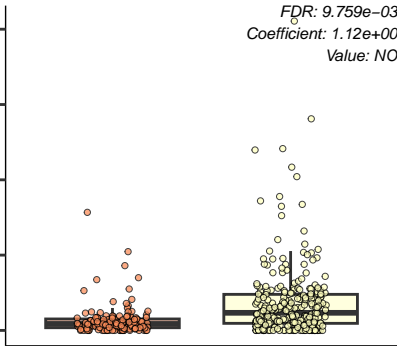
Lachnospiraceae\_UCG.004

FDR:  $9.759e-03$   
Coefficient:  $1.12e+00$   
Value: NO

CZ (n=137)

NO (n=274)

Country



Family\_XIII\_UCG.001

*FDR: 1.118e-02*  
*Coefficient: 8.23e-01*  
*Value: NO*

150

100

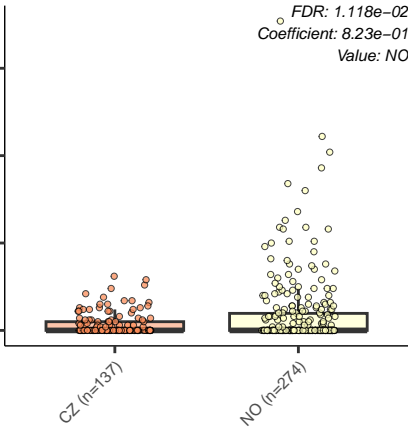
50

0

CZ (n=137)

NO (n=274)

Country



X.Eubacterium.\_siraenum\_group

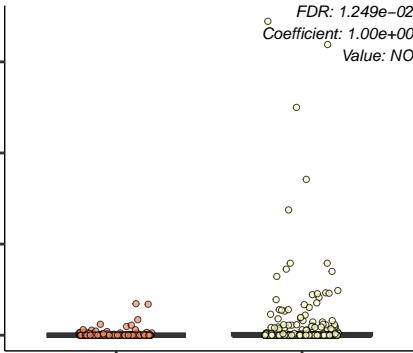
FDR: 1.249e-02  
Coefficient: 1.00e+00  
Value: NO

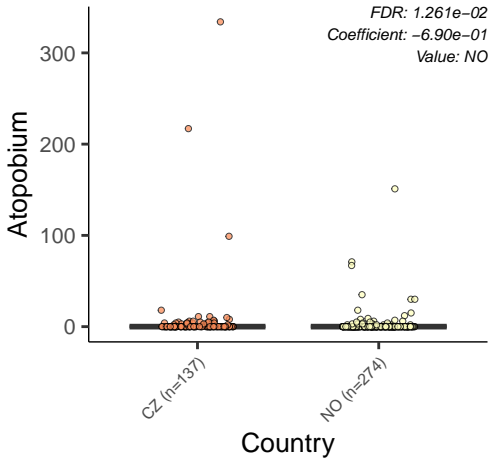
600  
400  
200  
0

CZ (n=137)

NO (n=274)

Country





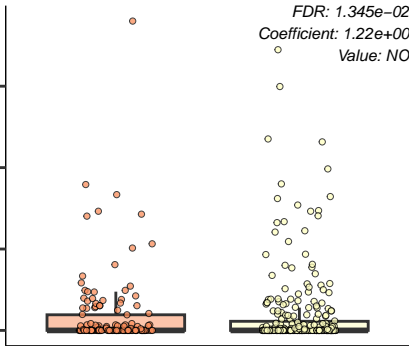
Clostridia\_UCG.014

FDR: 1.345e-02  
Coefficient: 1.22e+00  
Value: NO

CZ (n=137)

NO (n=274)

Country



Turicibacter

10000

5000

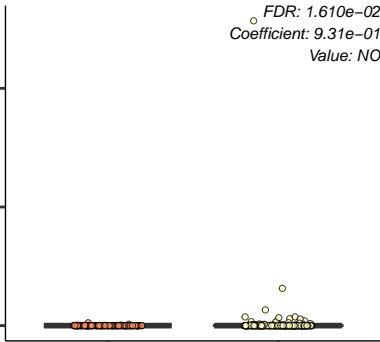
0

CZ (n=137)

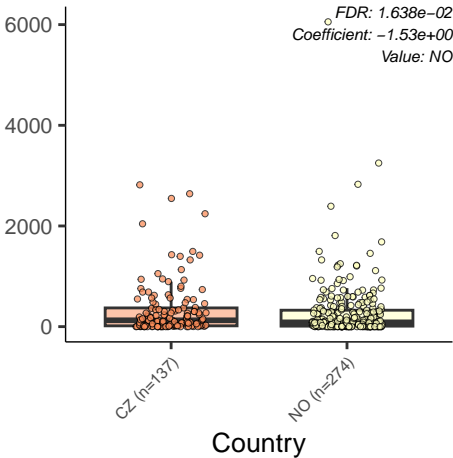
NO (n=274)

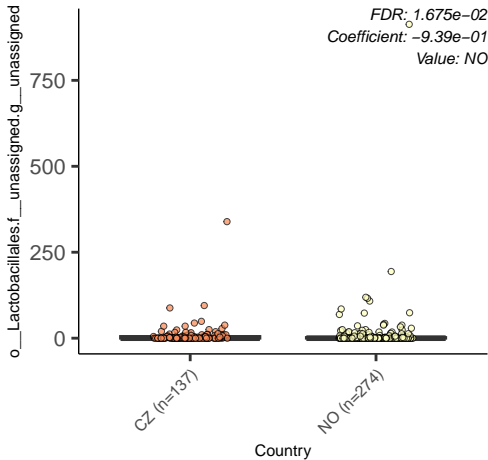
Country

*FDR: 1.610e-02*  
*Coefficient: 9.31e-01*  
*Value: NO*



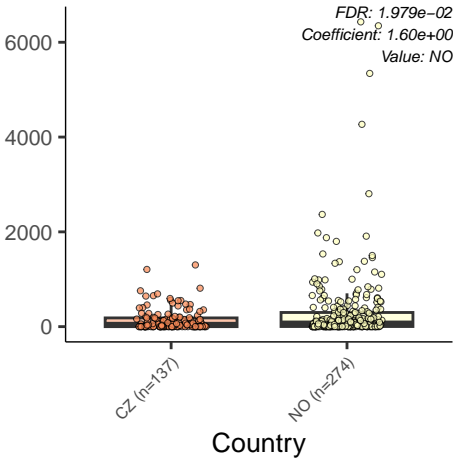
Bifidobacterium

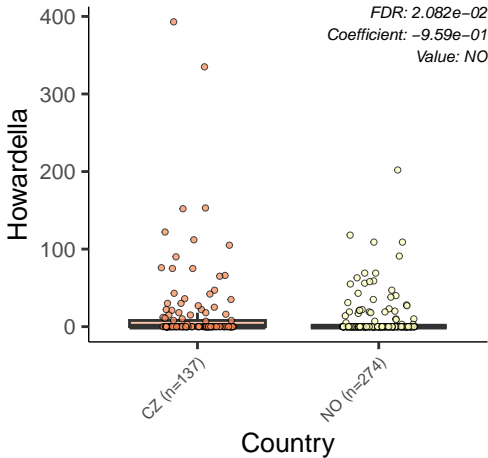




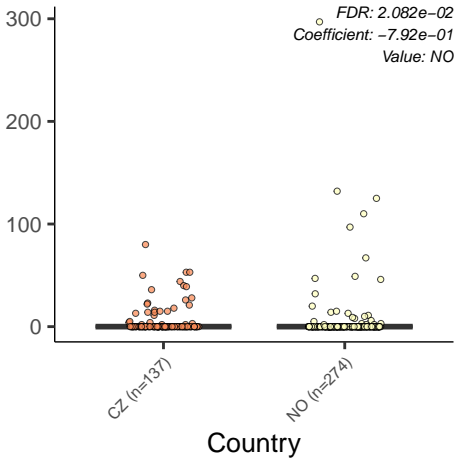


Agathobacter



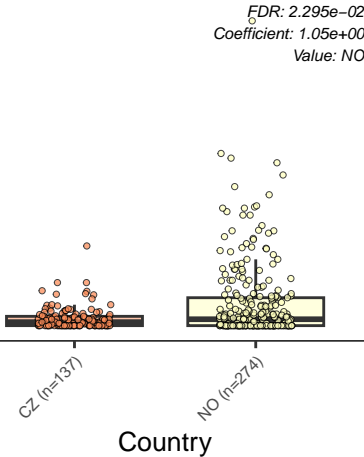


Megasphaera



GCA.900066575

FDR: 2.295e-02  
Coefficient: 1.05e+00  
Value: NO



Escherichia.Shigella

40000

30000

20000

10000

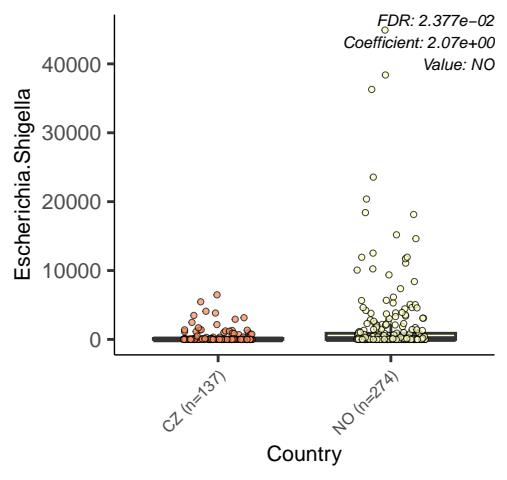
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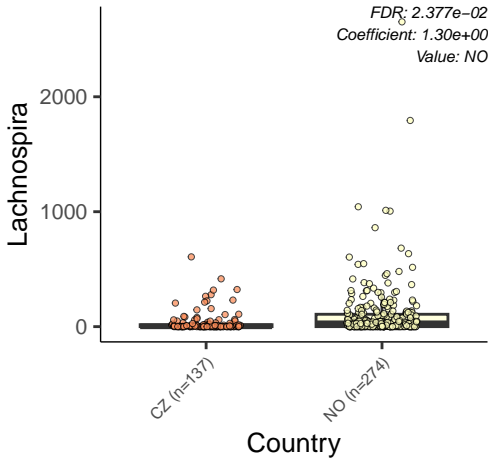
CZ (n=137)

NO (n=274)

Country

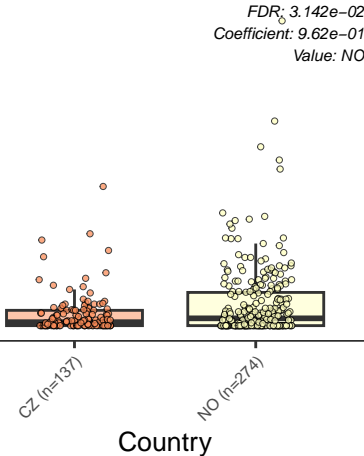
FDR: 2.377e-02  
Coefficient: 2.07e+00  
Value: NO





Marvinbryantia

FDR:  $3.142e-02$   
Coefficient:  $9.62e-01$   
Value: NO



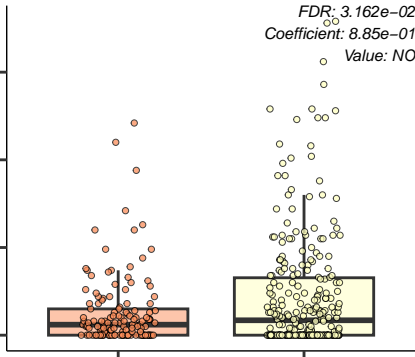
f\_Ruminococcaceae.g\_\_uncultured

FDR:  $3.162e-02$   
Coefficient:  $8.85e-01$   
Value: NO

CZ (n=137)

NO (n=274)

Country





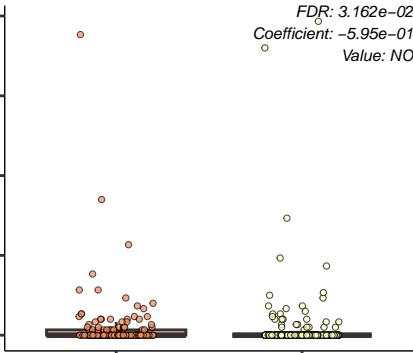
X.Eubacterium.\_brachy\_group

FDR:  $3.162e-02$   
Coefficient:  $-5.95e-01$   
Value: NO

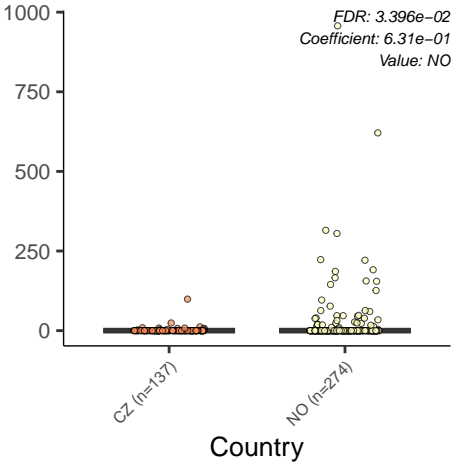
CZ (n=137)

NO (n=274)

Country



Tannerellaceae



f\_\_Lachnospiraceae.g\_\_unassigned

FDR: 3.406e-02  
Coefficient: 8.79e-01  
Value: NO

7500

5000

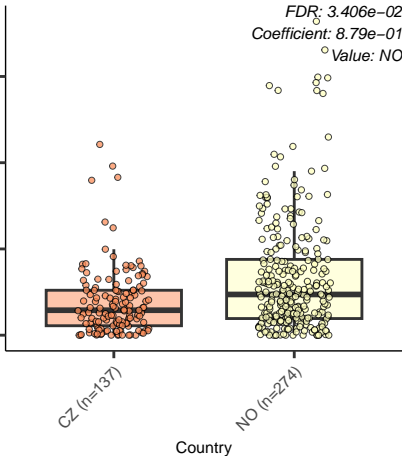
2500

0

CZ (n=137)

NO (n=274)

Country



Ralstonia

100

50

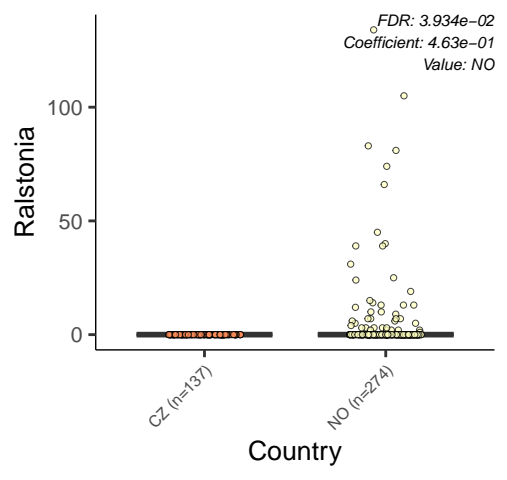
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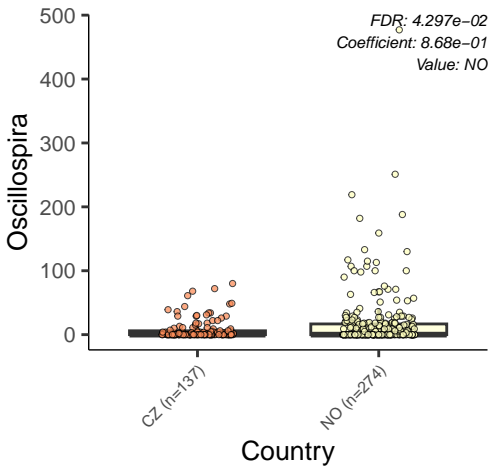
CZ (n=137)

NO (n=274)

Country

FDR:  $3.934e-02$   
Coefficient:  $4.63e-01$   
Value: NO







*FDR: 4.636e-02*

Coefficient:  $-7.00e-01$

Value: NO

CZ (n=137)

NO (n=274)

Country