

Bacteria.Firmicutes.Bacilli

*FDR: 4.588e-24*  
*Coefficient: 5.36e+00*  
*Value: Canis\_lupus*

4e+05

2e+05

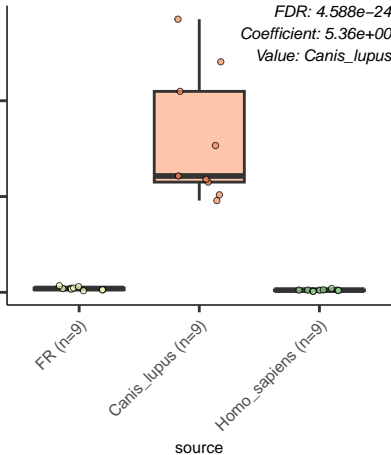
0e+00

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Candidatus.Melainabacteria.unassigned

FDR:  $3.958e-19$   
Coefficient:  $-3.88e+00$   
Value: *Canis\_lupus*

4000

2000

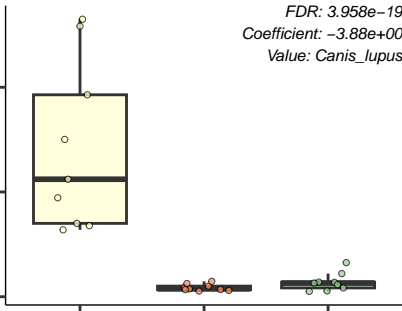
0

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Candidatus.Melainabacteria.unassigned

FDR:  $1.095e-17$   
Coefficient:  $-3.31e+00$   
Value: Homo\_sapiens

4000

2000

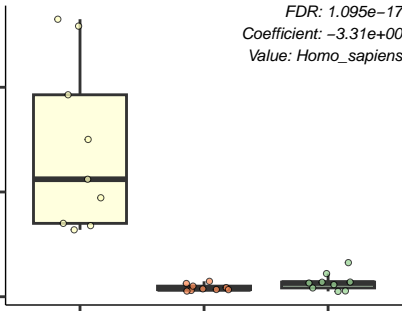
0

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Firmicutes.Clostridia

*FDR: 3.611e-17*  
*Coefficient: -5.65e-01*  
*Value: Canis\_lupus*

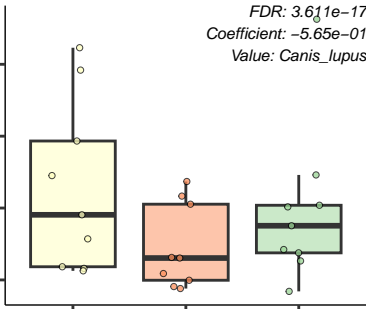
FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source

2000000  
1500000  
1000000  
500000



Bacteria.Firmicutes.Negativicutes

*FDR: 1.377e-16*  
*Coefficient: 1.65e+00*  
*Value: Canis\_lupus*

1e+05

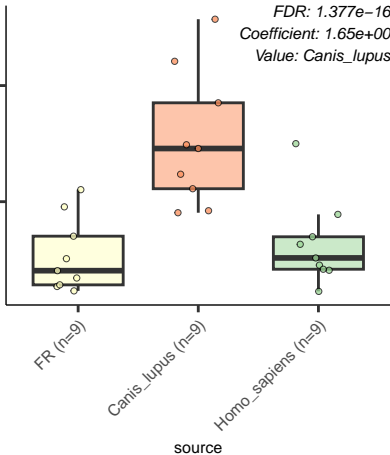
5e+04

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Fusobacteria.Fusobacteria

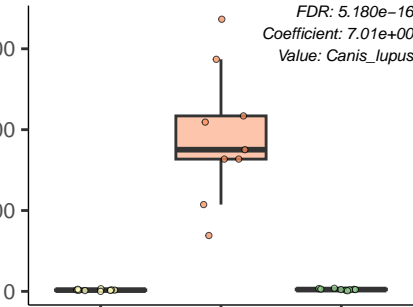
*FDR: 5.180e-16*  
*Coefficient: 7.01e+00*  
*Value: Canis\_lupus*

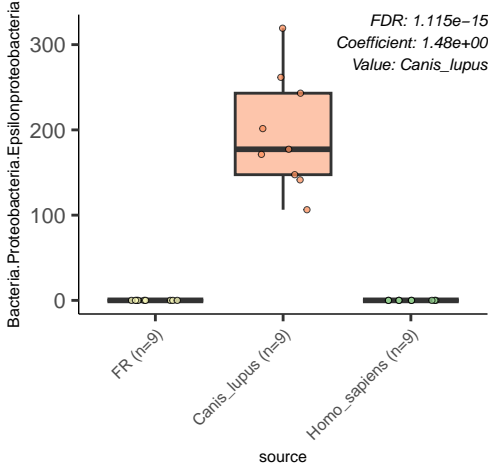
FR (n=9)

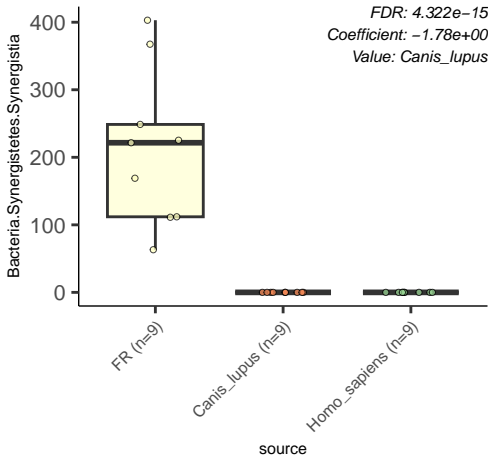
Canis\_lupus (n=9)

Homo\_sapiens (n=9)

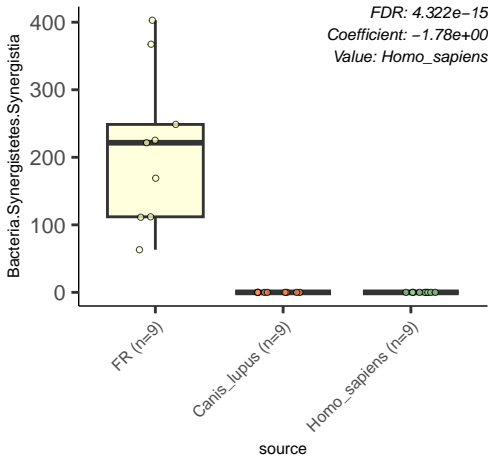
source











Bacteria.Lentisphaerae.Lentisphaeria

*FDR: 5.519e-15*  
*Coefficient: -1.36e+00*  
*Value: Canis\_lupus*

400

200

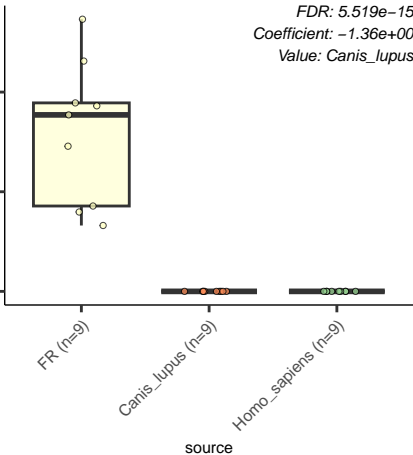
0

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Lentisphaerae.Lentisphaeria

*FDR: 5.519e-15*  
*Coefficient: -1.36e+00*  
*Value: Homo\_sapiens*

400

200

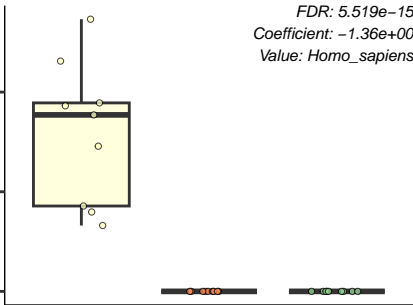
0

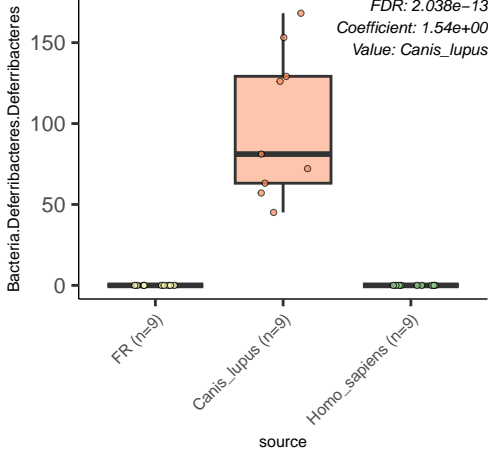
FR (n=9)

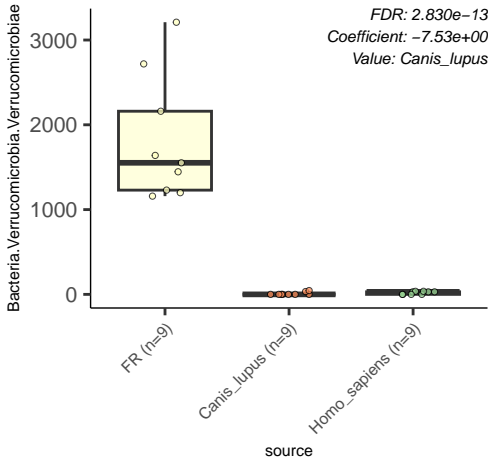
Canis\_lupus (n=9)

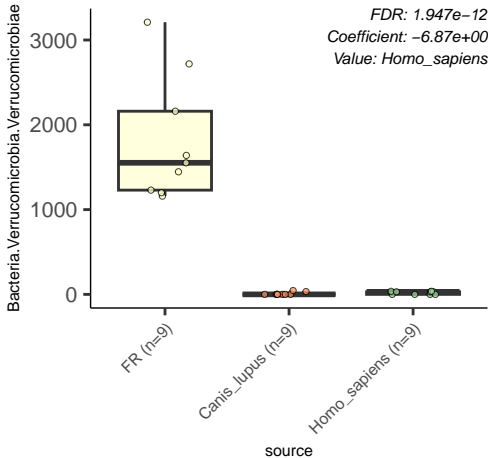
Homo\_sapiens (n=9)

source



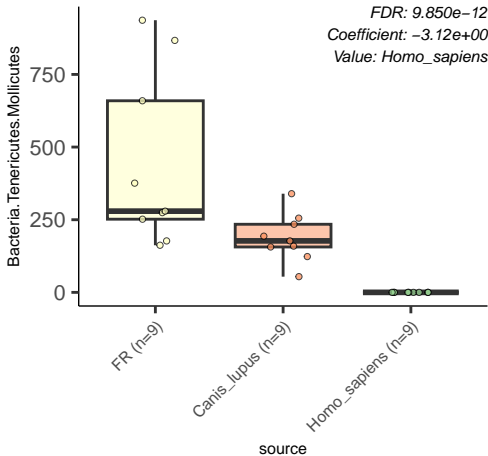






Bacteria.Tenericutes.Mollicutes

FDR:  $9.850e-12$   
Coefficient:  $-3.12e+00$   
Value: Homo\_sapiens



Bacteria.Firmicutes.Erysipelotrichia

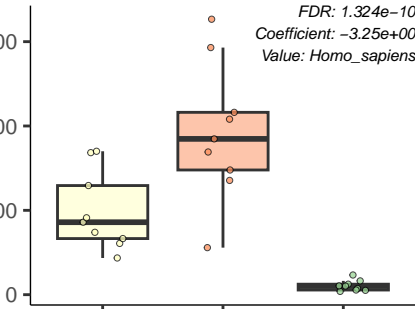
FDR:  $1.324e-10$   
Coefficient:  $-3.25e+00$   
Value: Homo\_sapiens

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source





Bacteria.Bacteroidetes.Bacteroidia

200000

150000

100000

50000

0

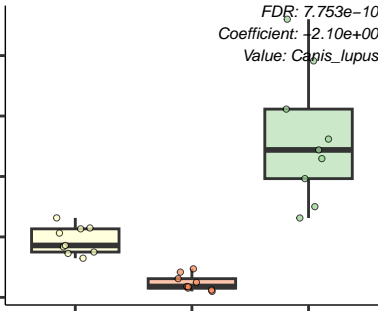
FR (n=9)

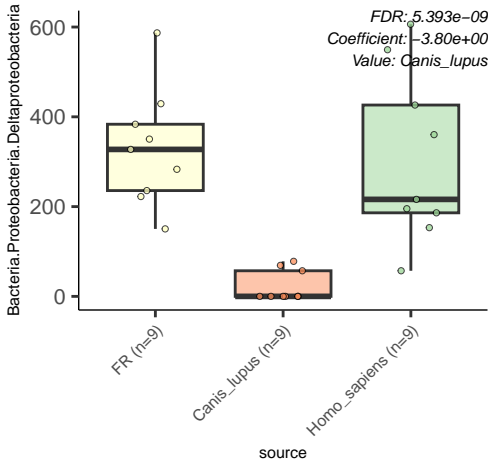
Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source

FDR:  $7.753e-10$   
Coefficient:  $-2.10e+00$   
Value: Canis\_lupus





Bacteria.Bacteroidetes.Bacteroidia

200000

150000

100000

50000

0

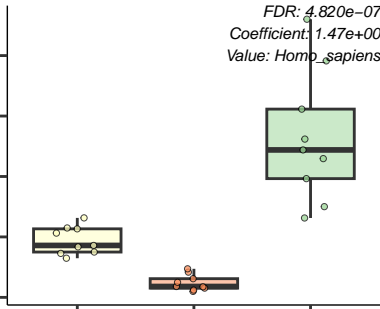
FR (n=9)

Canis\_lupus (n=9)

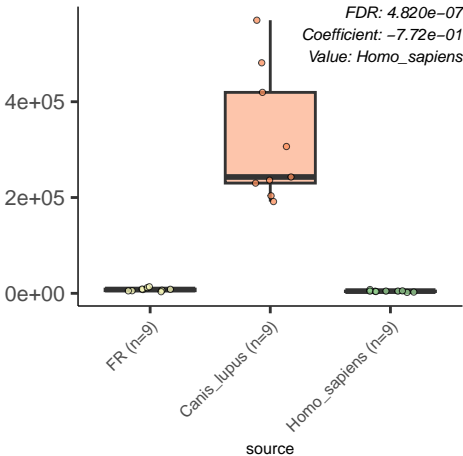
Homo\_sapiens (n=9)

source

FDR:  $4.820e-07$   
Coefficient:  $1.47e+00$   
Value: Homo\_sapiens



Bacteria.Firmicutes.Bacilli



Bacteria.Proteobacteria.Betaproteobacteria

10000

5000

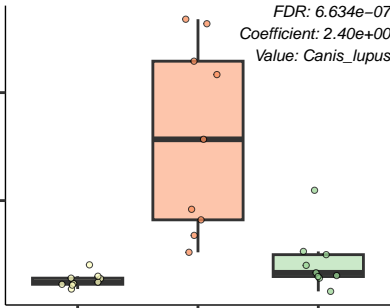
FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

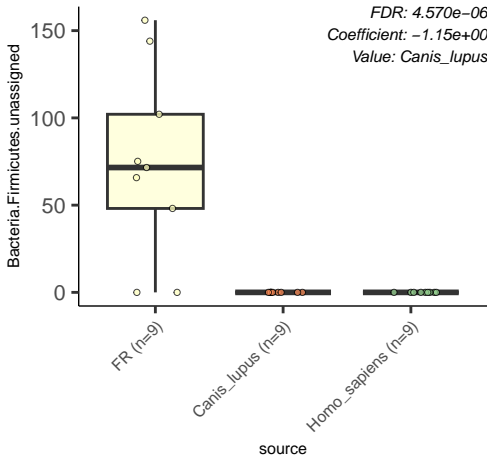
source

FDR: 6.634e-07  
Coefficient: 2.40e+00  
Value: Canis\_lupus



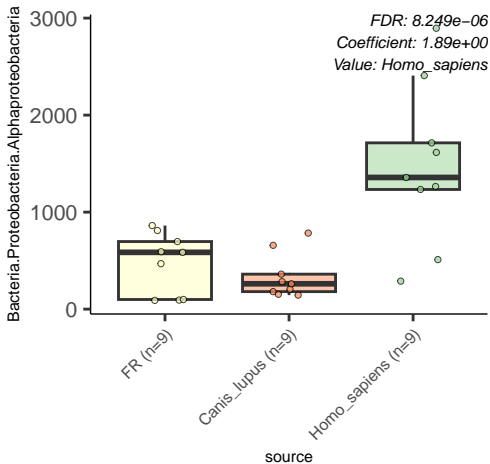
Bacteria.Firmicutes.unassigned

FDR:  $4.570e-06$   
Coefficient:  $-1.15e+00$   
Value: *Canis\_lupus*



Value: Homo\_sapiens

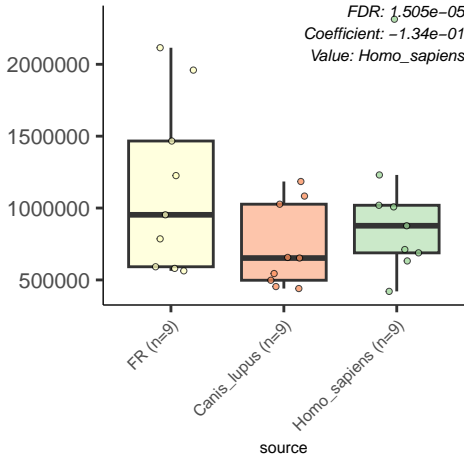






Bacteria.Firmicutes.Clostridia

FDR:  $1.505e-05$   
Coefficient:  $-1.34e-01$   
Value: Homo\_sapiens



Bacteria.Firmicutes.Tissierellia

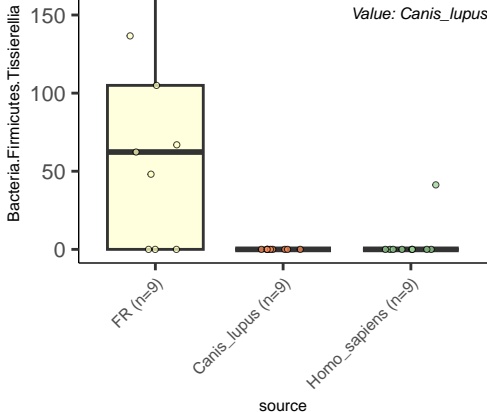
FDR: 1.834e-04  
Coefficient: -2.01e+00  
Value: Canis\_lupus

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Firmicutes.Negativicutes

1e+05

5e+04

FR (n=9)

Canis\_lupus (n=9)

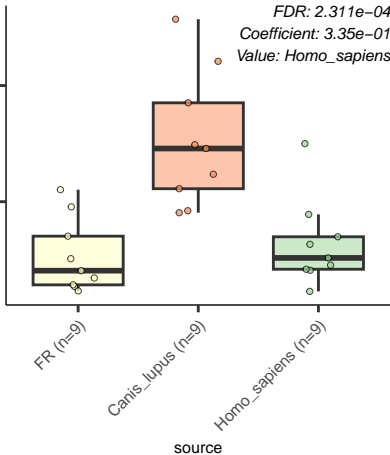
Homo\_sapiens (n=9)

source

*FDR: 2.311e-04*

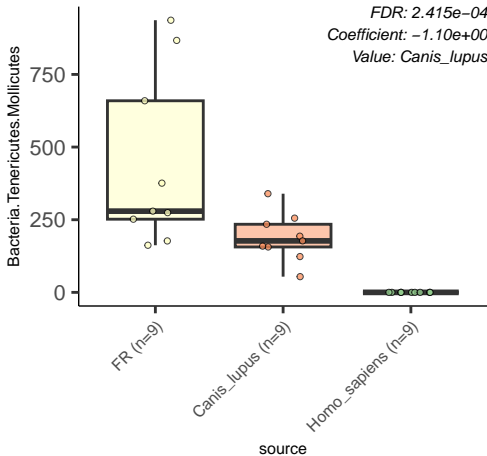
*Coefficient: 3.35e-01*

*Value: Homo\_sapiens*



Bacteria.Tenericutes.Mollicutes

FDR: 2.415e-04  
Coefficient: -1.10e+00  
Value: Canis\_lupus



Bacteria.Firmicutes.Tissierellia

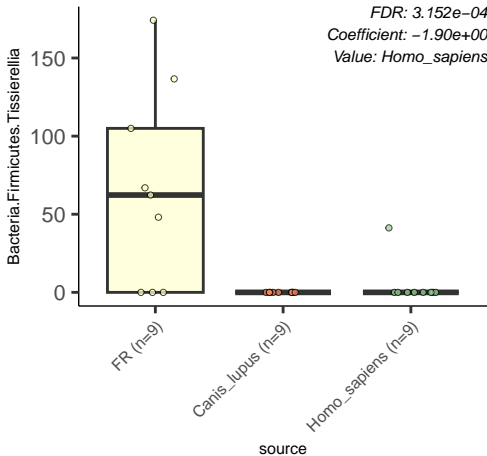
FDR: 3.152e-04  
Coefficient: -1.90e+00  
Value: Homo\_sapiens

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Firmicutes.Erysipelotrichia

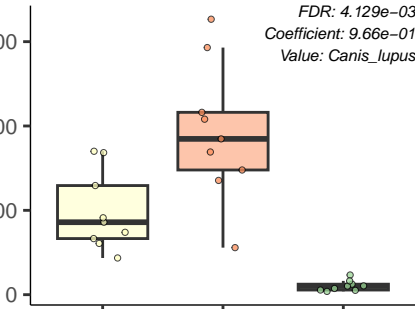
FDR: 4.129e-03  
Coefficient: 9.66e-01  
Value: Canis\_lupus

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source



Bacteria.Proteobacteria.Gammaproteobacteria

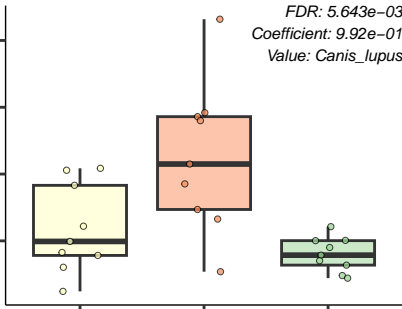
*FDR: 5.643e-03*  
*Coefficient: 9.92e-01*  
*Value: Canis\_lupus*

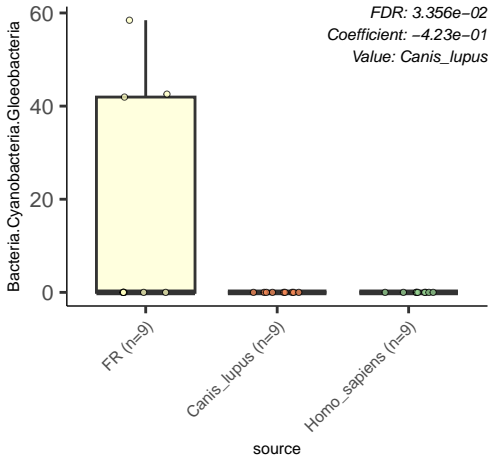
FR (n=9)

Canis\_lupus (n=9)

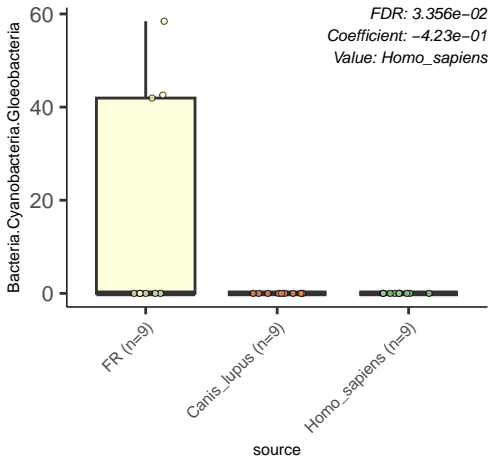
Homo\_sapiens (n=9)

source









Bacteria.Fusobacteria.Fusobacteria

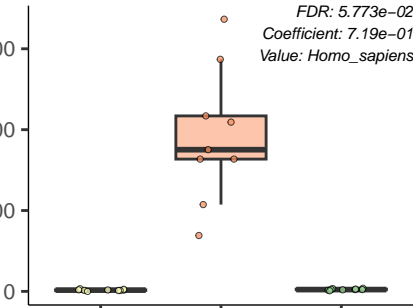
*FDR: 5.773e-02*  
*Coefficient: 7.19e-01*  
*Value: Homo\_sapiens*

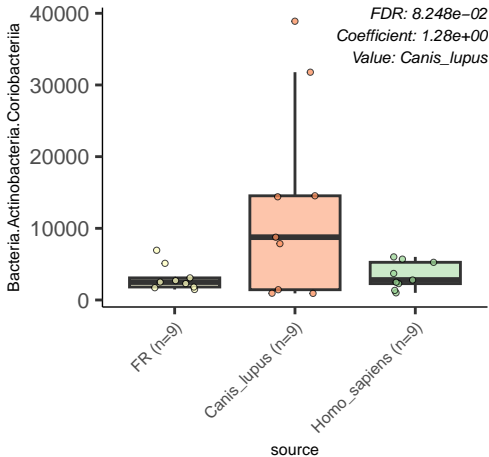
FR (n=9)

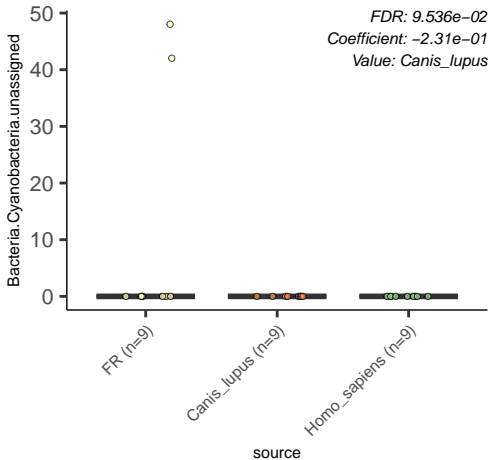
Canis\_lupus (n=9)

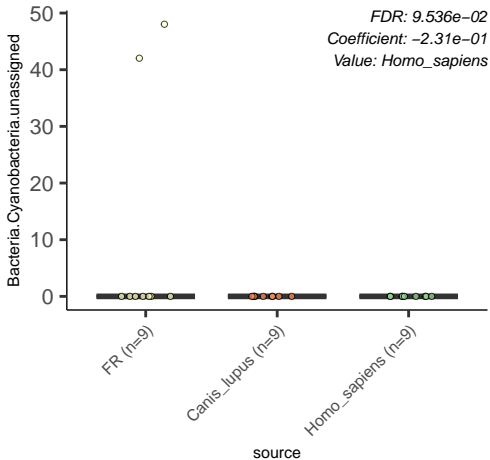
Homo\_sapiens (n=9)

source









Bacteria.Proteobacteria.Betaproteobacteria

10000

5000

FR (n=9)

Canis\_lupus (n=9)

Homo\_sapiens (n=9)

source

FDR: 1.032e-01  
Coefficient: 6.16e-01  
Value: Homo\_sapiens

