

k\_Bacteria.p\_Actinobacteria

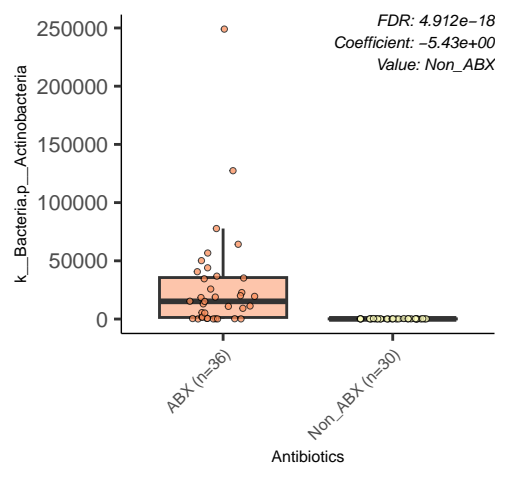
250000  
200000  
150000  
100000  
50000  
0

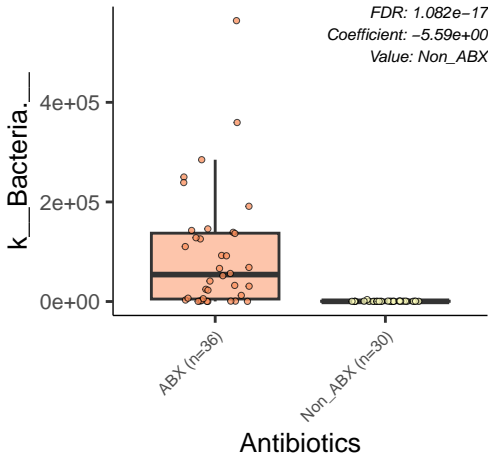
*FDR: 4.912e-18*  
*Coefficient: -5.43e+00*  
*Value: Non\_ABX*

ABX (n=36)

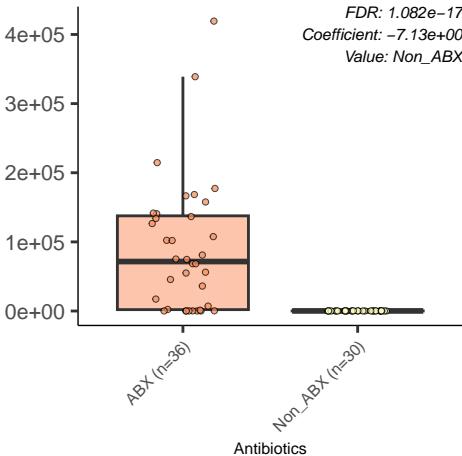
Non\_ABX (n=30)

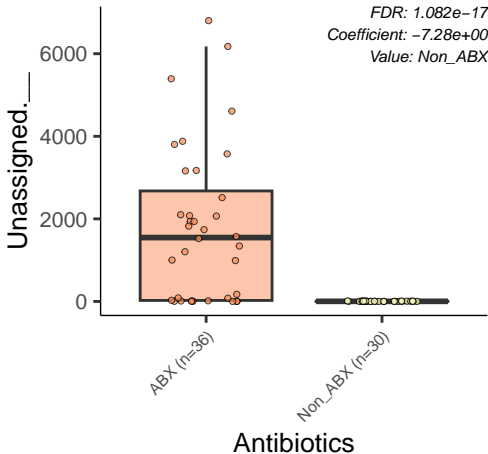
Antibiotics





k\_Bacteria.p\_\_Cyanobacteria





k\_Bacteria.p\_\_Proteobacteria

200000

150000

100000

50000

0

ABX (n=36)

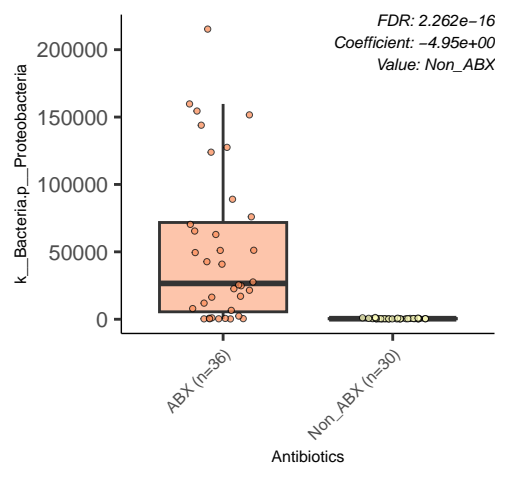
Non\_ABX (n=30)

Antibiotics

FDR: 2.262e-16

Coefficient: -4.95e+00

Value: Non\_ABX



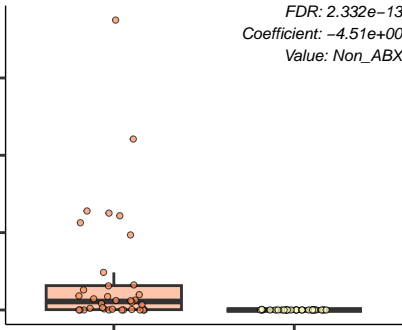
k\_Archaea.p\_Euryarchaeota

*FDR: 2.332e-13*  
*Coefficient: -4.51e+00*  
*Value: Non\_ABX*

ABX (n=36)

Non\_ABX (n=30)

Antibiotics



k\_Bacteria.p\_Bacteroidetes

FDR:  $3.479e-12$   
Coefficient:  $3.83e+00$   
Value: Non\_ABX

4e+05

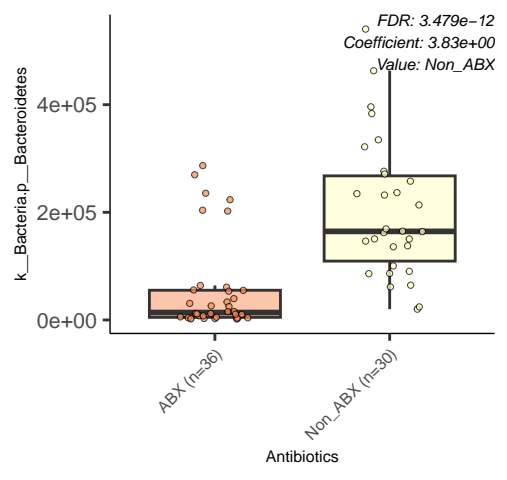
2e+05

0e+00

ABX (n=36)

Non\_ABX (n=30)

Antibiotics



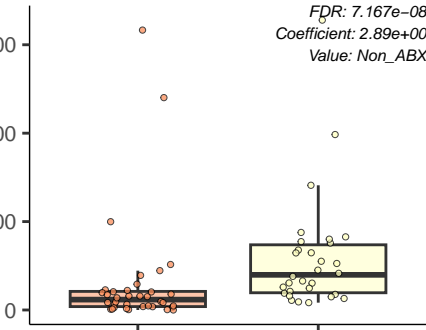
k\_Bacteria.p\_\_Tenericutes

FDR:  $7.167 \times 10^{-8}$   
Coefficient:  $2.89 \times 10^0$   
Value: Non\_ABX

ABX (n=36)

Non\_ABX (n=30)

Antibiotics





k\_Bacteria.p\_.Thermi.

FDR: 5.719e-04

Coefficient: -1.93e+00

Value: Non\_ABX

200

150

100

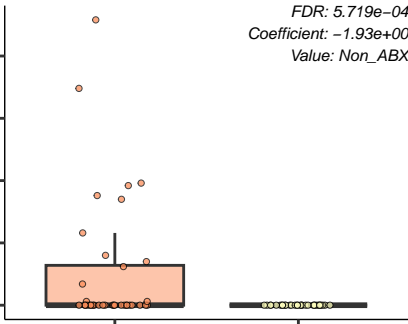
50

0

ABX (n=36)

Non\_ABX (n=30)

Antibiotics



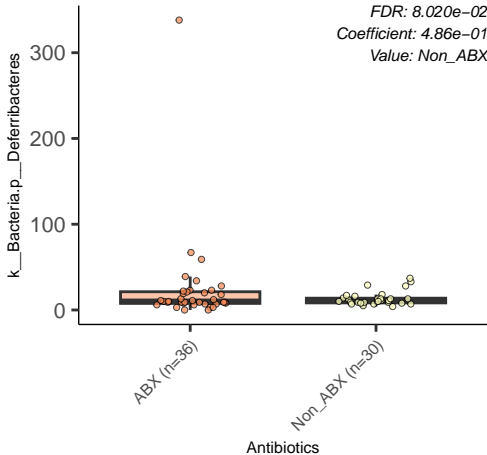
k\_Bacteria.p\_\_Deferribacteres

*FDR: 8.020e-02*  
*Coefficient: 4.86e-01*  
*Value: Non\_ABX*

ABX (n=36)

Non\_ABX (n=30)

Antibiotics



k\_Bacteria.p\_\_Verrucomicrobia

*FDR: 1.832e-01*  
*Coefficient: 4.09e-01*  
*Value: Non\_ABX*

10000

5000

0

ABX (n=36)

Non\_ABX (n=30)

Antibiotics

