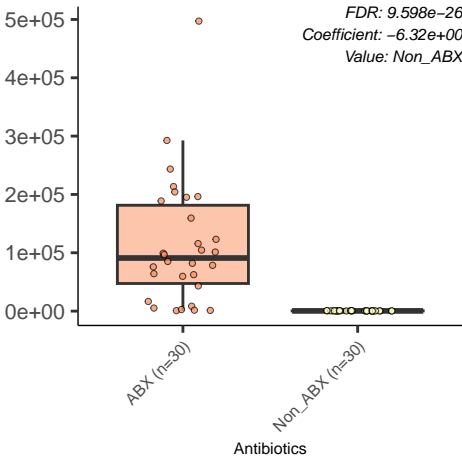
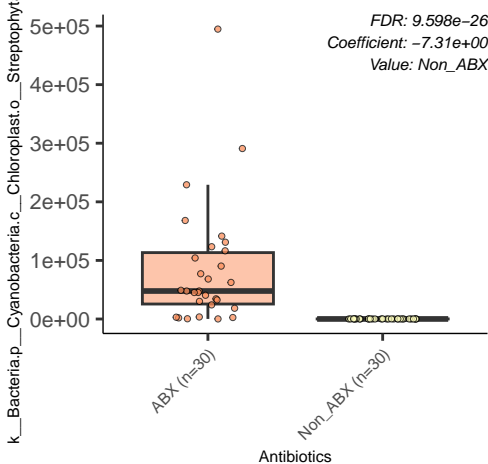
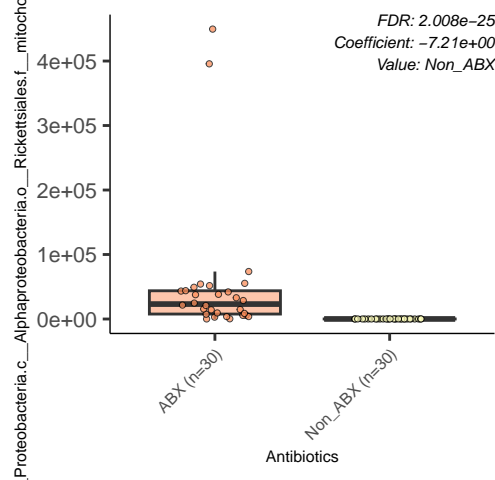


a.p.\_Firmicutes.c.\_Bacilli.o.\_Lactobacillales.f.\_Lactobacillaceae.g







k\_Bacteria.p\_Actinobacteria.c\_Actinobacteria.o\_Actinomyc

*FDR: 1.546e-24*  
*Coefficient: -7.56e+00*  
*Value: Non\_ABX*

15000

10000

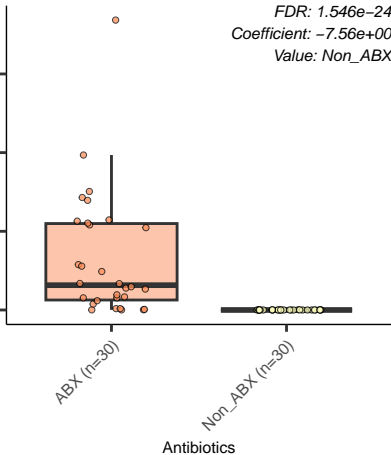
5000

0

ABX (n=30)

Non\_ABX (n=30)

Antibiotics



tertia.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Lactobacillales.f\_\_Streptococcace

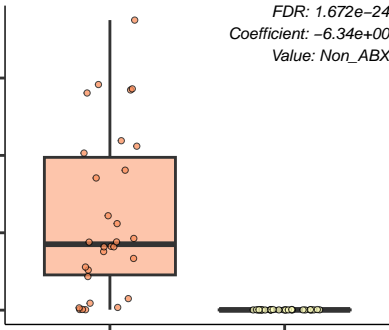
6e+05  
4e+05  
2e+05  
0e+00

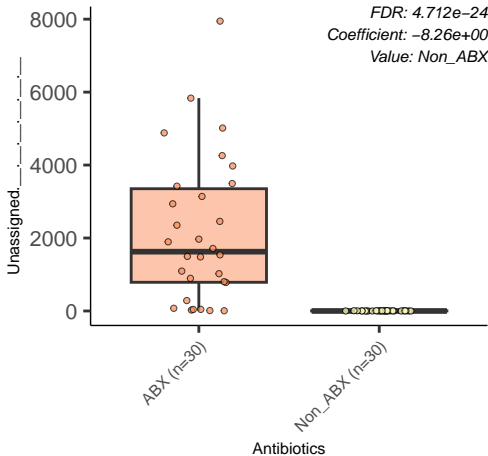
*FDR: 1.672e-24*  
*Coefficient: -6.34e+00*  
*Value: Non\_ABX*

ABX (n=30)

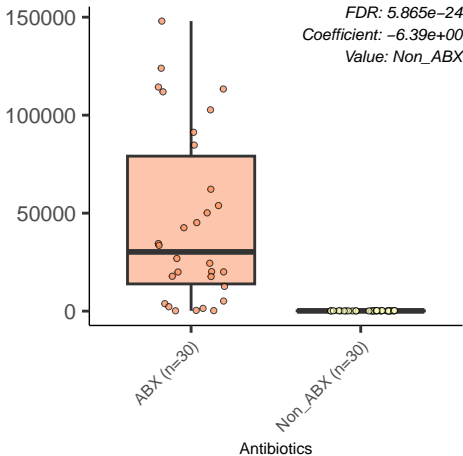
Non\_ABX (n=30)

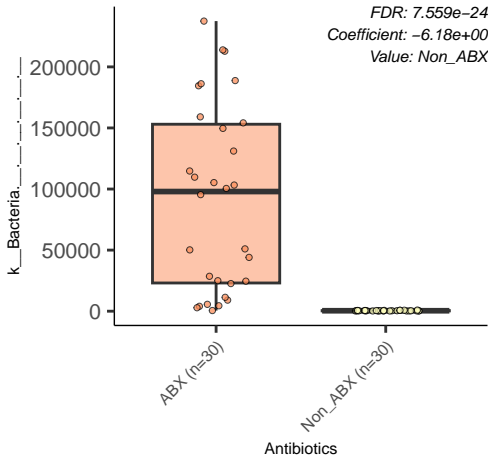
Antibiotics





acteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Lactobacillales.f\_\_Streptococcae







k\_Bacteria.p\_Actinobacteria.c\_Actinobacteria.o\_Actinomycet

*FDR: 4.658e-22*  
*Coefficient: -6.45e+00*  
*Value: Non\_ABX*

40000

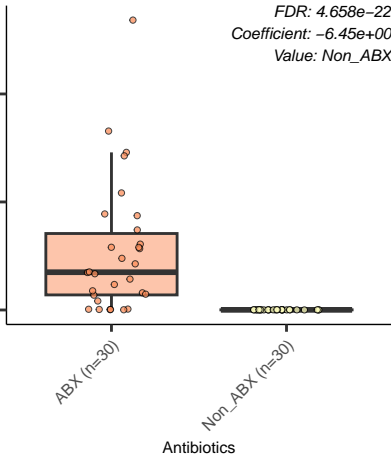
20000

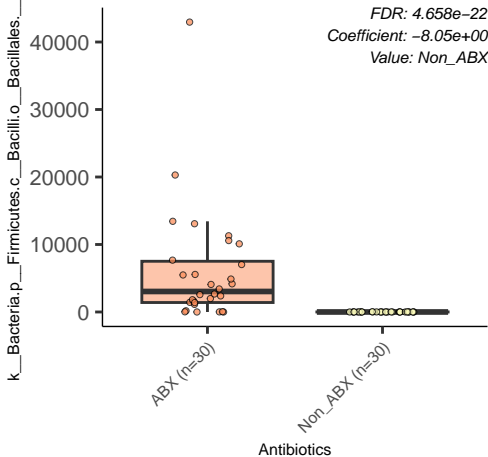
0

ABX (n=30)

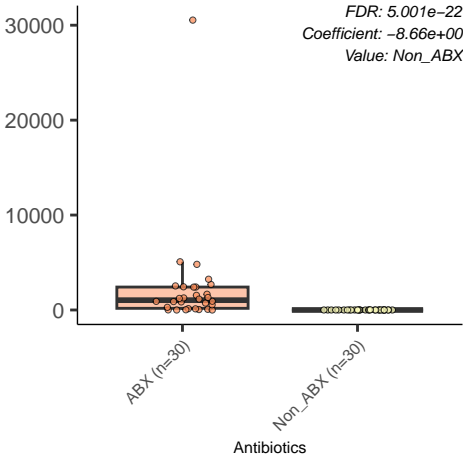
Non\_ABX (n=30)

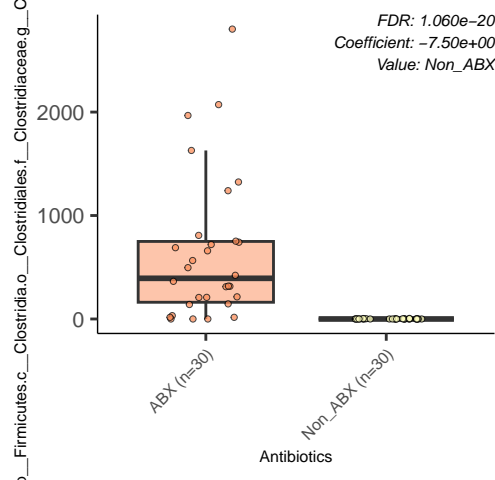
Antibiotics



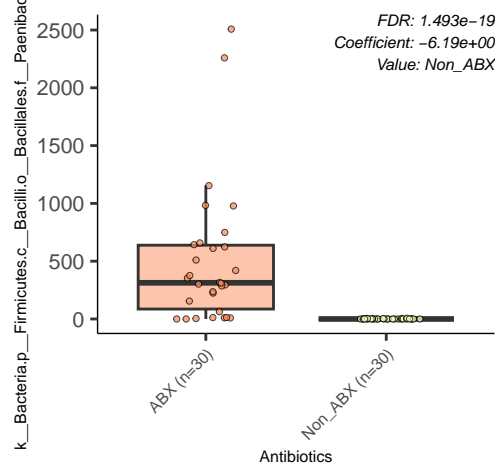


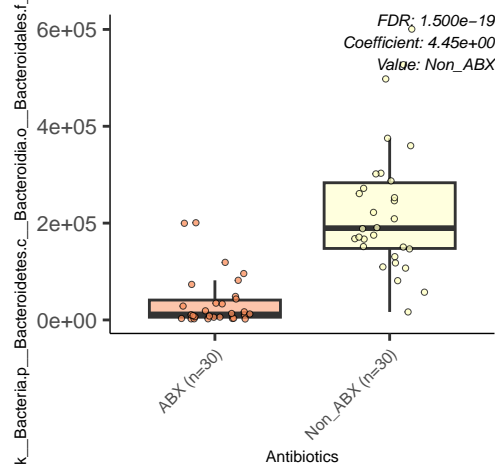
k\_Bacteria.p\_Firmicutes.c\_Bacilli.

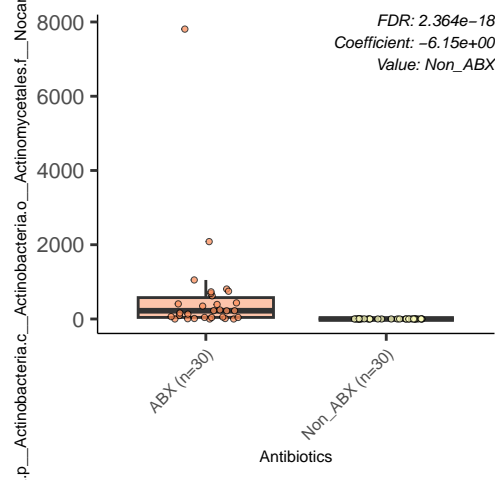






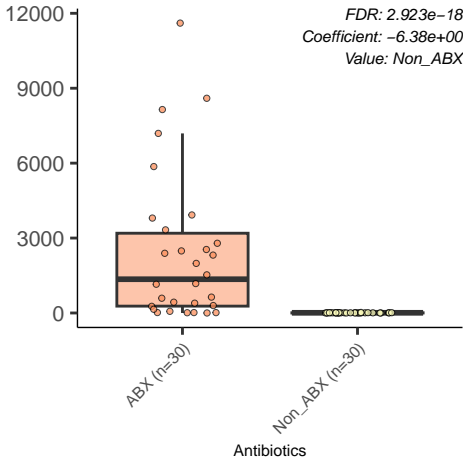




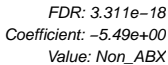




Actinobacteria.c\_\_Actinobacteria.o\_\_Actinomycetales.f\_\_Corynebact



k\_\_Bacteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Bacillales.f\_\_Bacillaceae



ABX (n=30)

Non\_ABX (n=30)

## Antibiotics

Bacteria.p\_\_Proteobacteria.c\_\_Alphaproteobacteria.o\_\_Rhizobiales.

20000

10000

0

ABX (n=30)

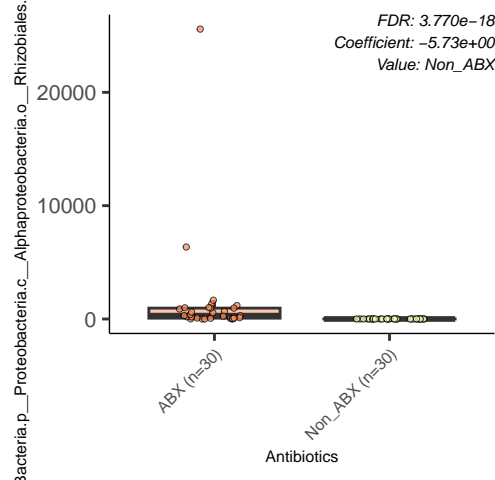
Non\_ABX (n=30)

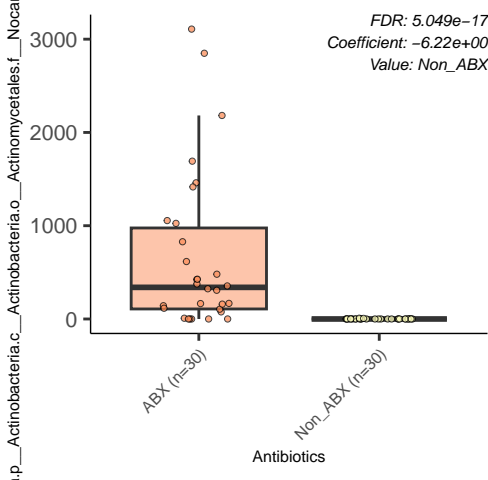
Antibiotics

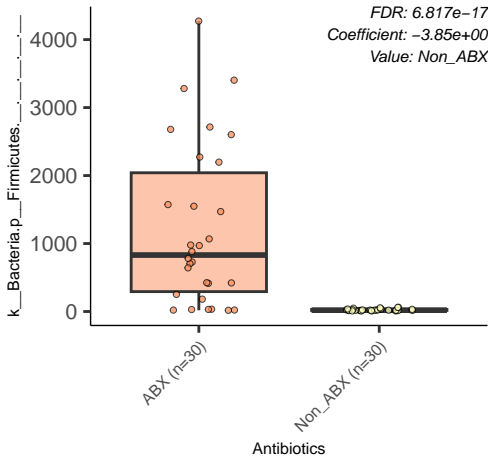
FDR:  $3.770e-18$

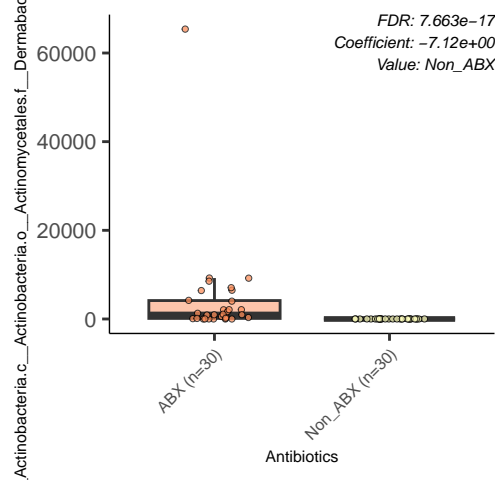
Coefficient:  $-5.73e+00$

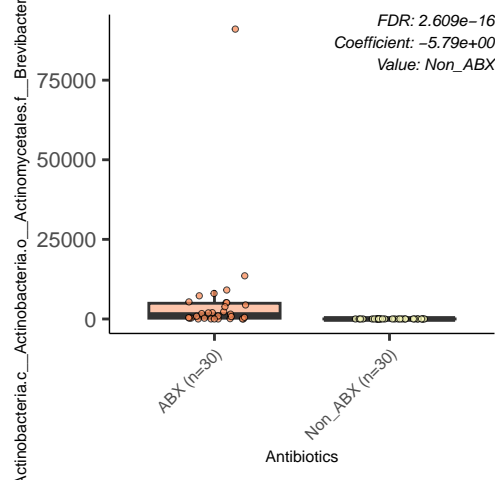
Value: Non\_ABX

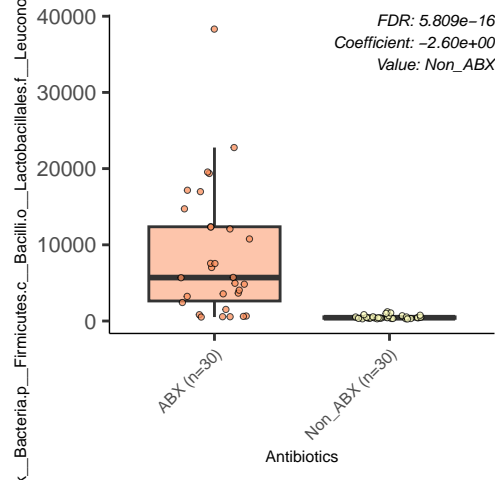














k\_Bacteria.p\_Firmicutes.c\_Bacilli.o\_Bacillales.f\_Planococ

*FDR: 1.316e-15*  
*Coefficient: -4.44e+00*  
*Value: Non\_ABX*

15000

10000

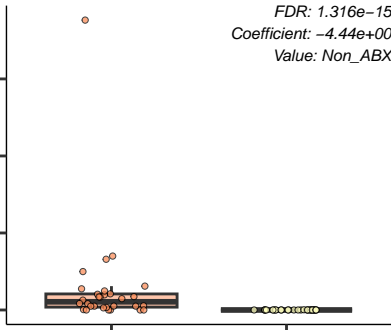
5000

0

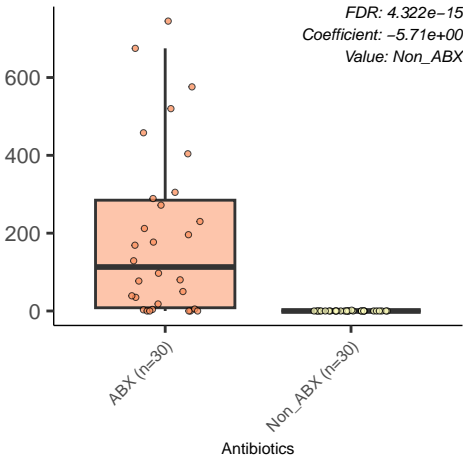
ABX (n=30)

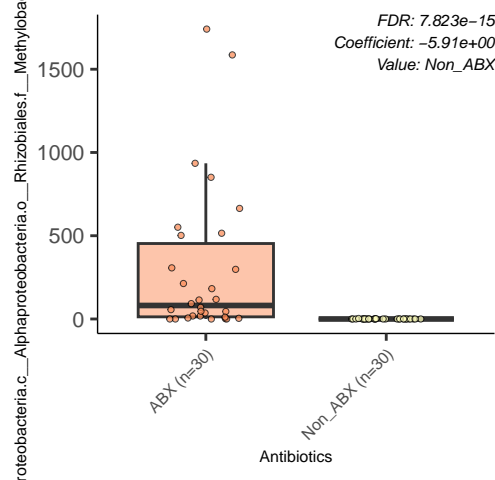
Non\_ABX (n=30)

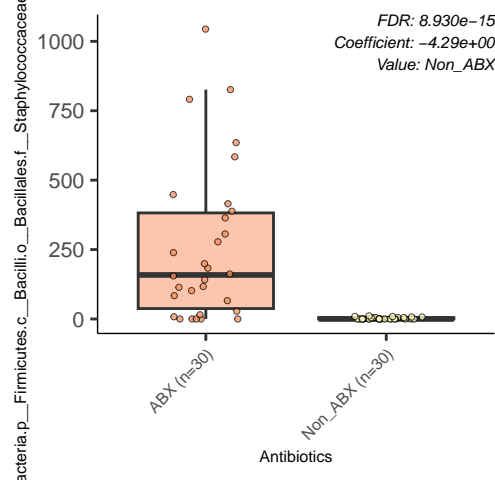
Antibiotics

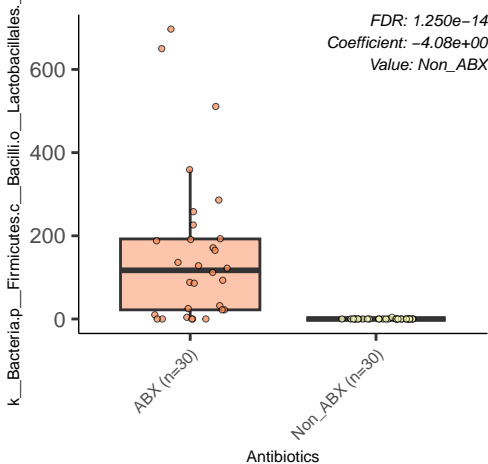


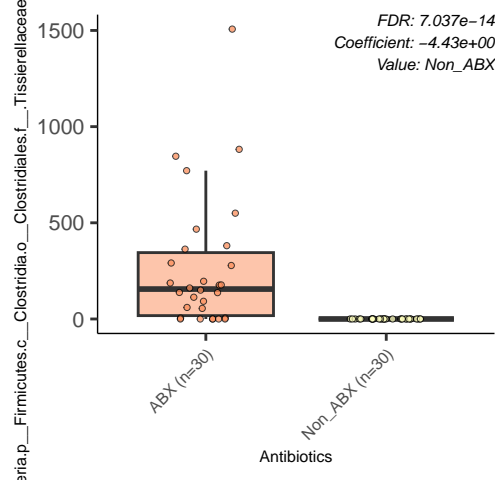
acteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Tissierellaceae

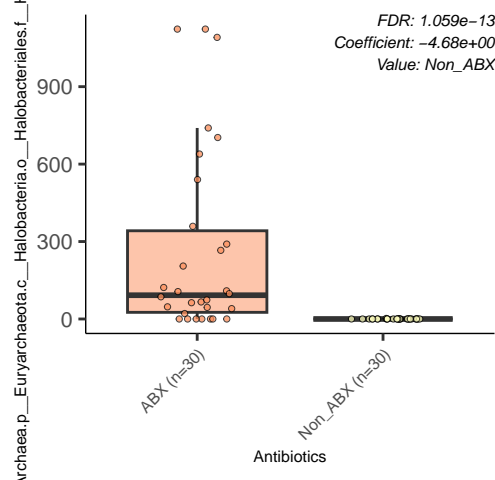


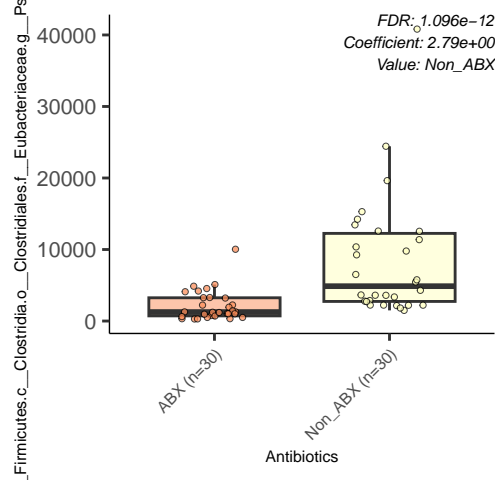




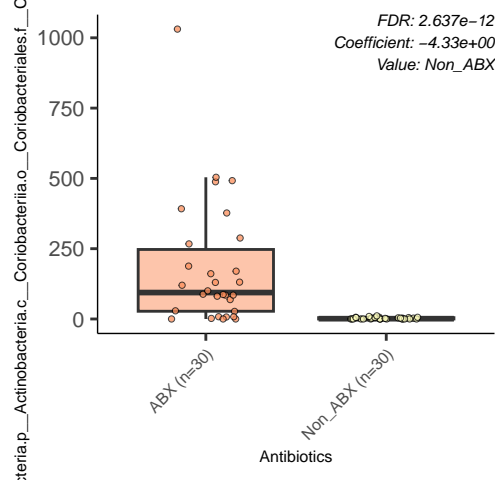


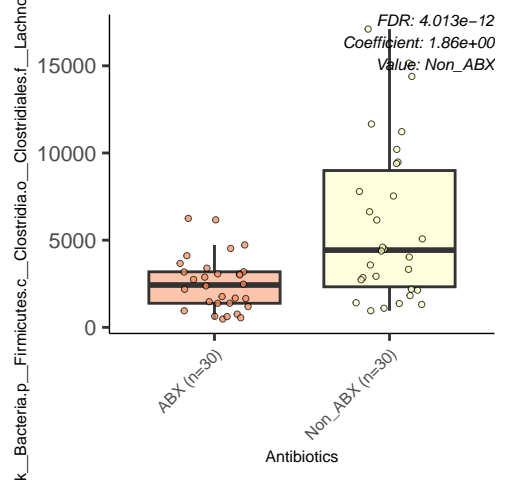


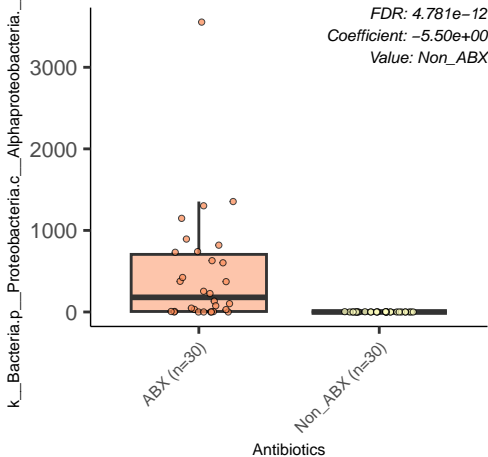












k\_\_Bacteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Bacillales.f\_\_Bacillaceae

20000

15000

10000

5000

0

*FDR: 4.867e-12*

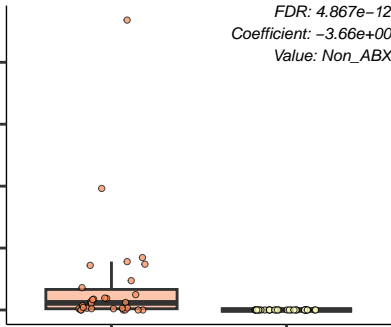
*Coefficient: -3.66e+00*

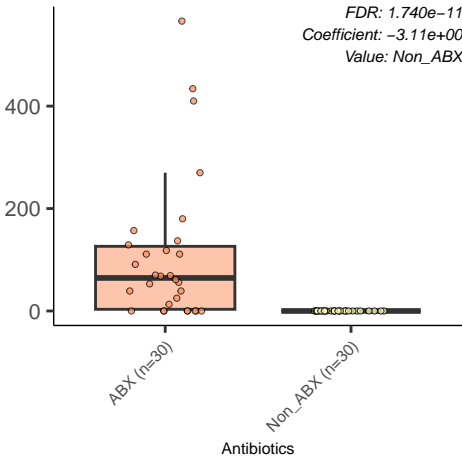
*Value: Non\_ABX*

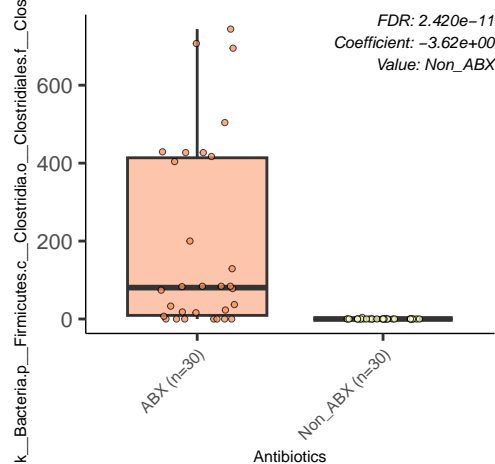
ABX (n=30)

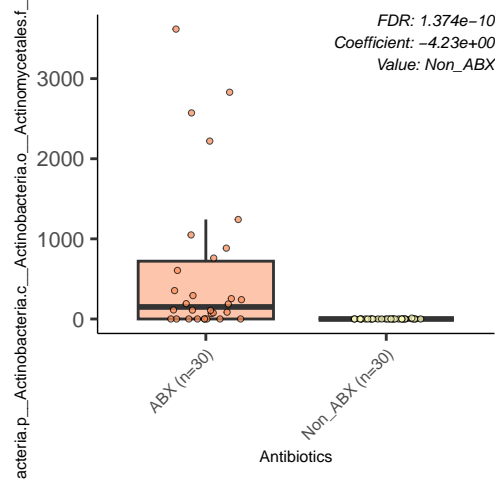
Non\_ABX (n=30)

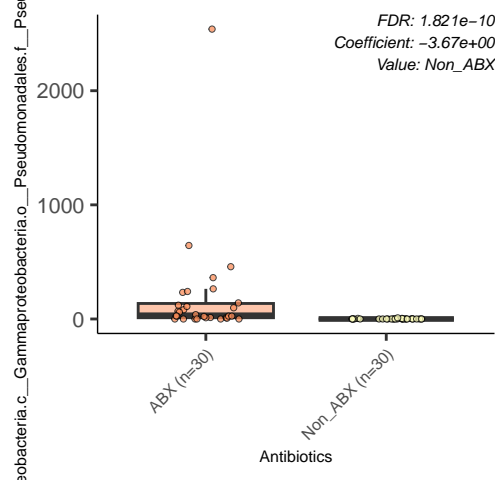
Antibiotics



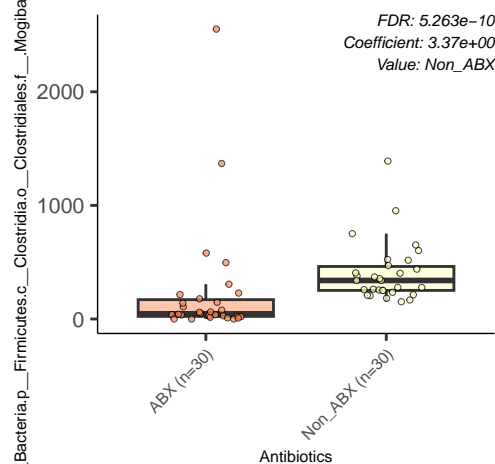


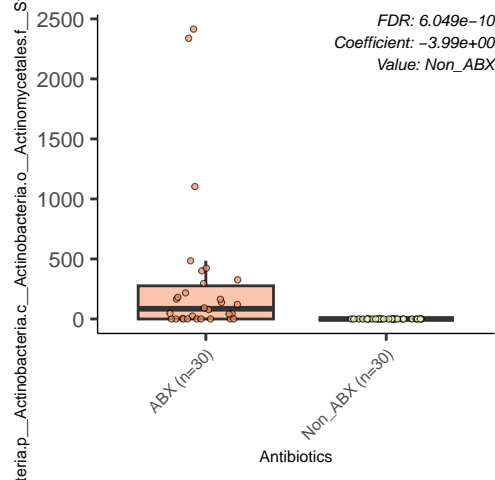


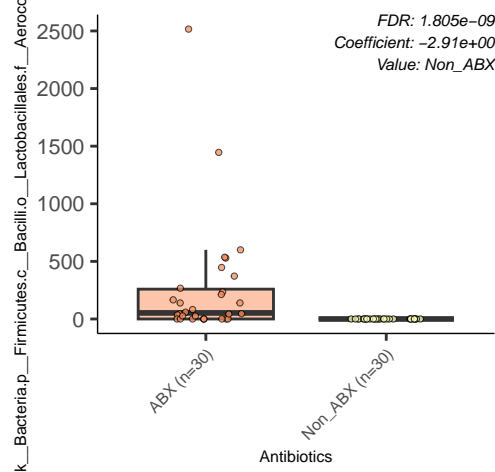


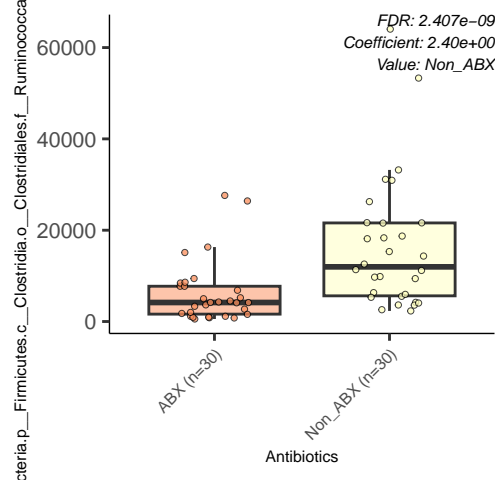


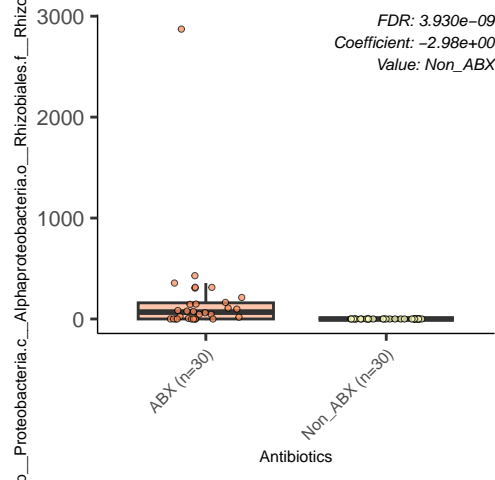


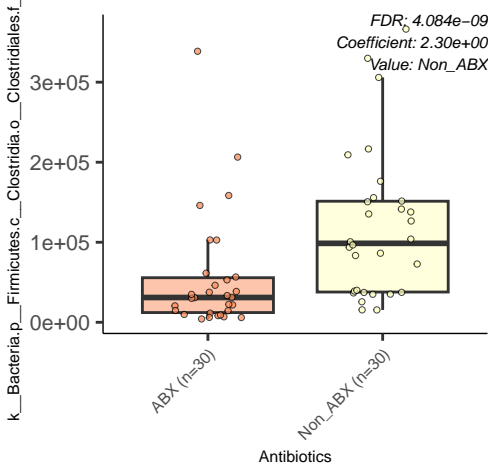


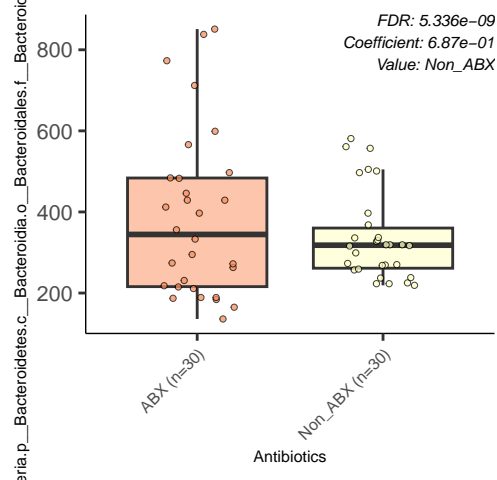


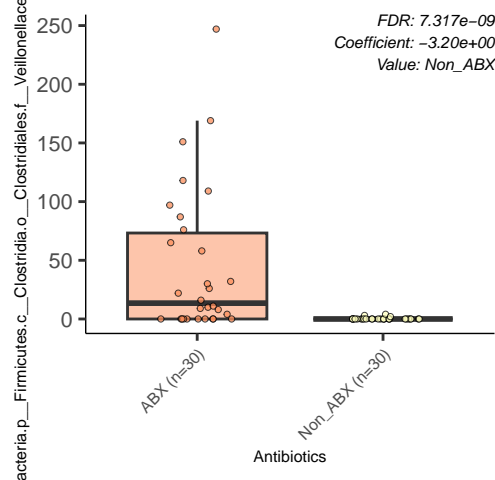














k\_Bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.

ABX (n=30)

Non\_ABX (n=30)

Antibiotics

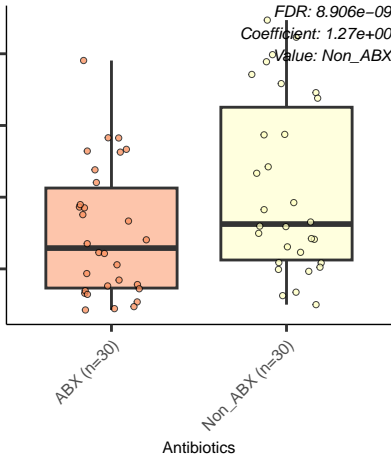
FDR:  $8.906e-09$   
Coefficient:  $1.27e+00$   
Value: Non\_ABX

40000

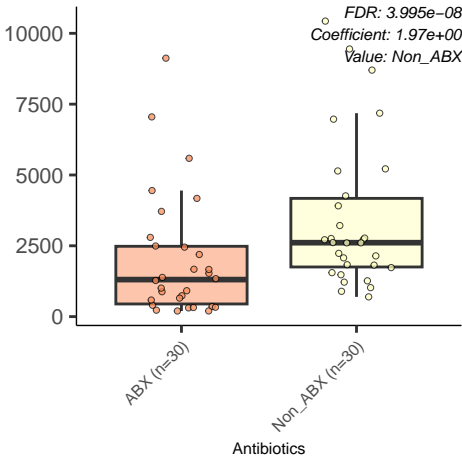
30000

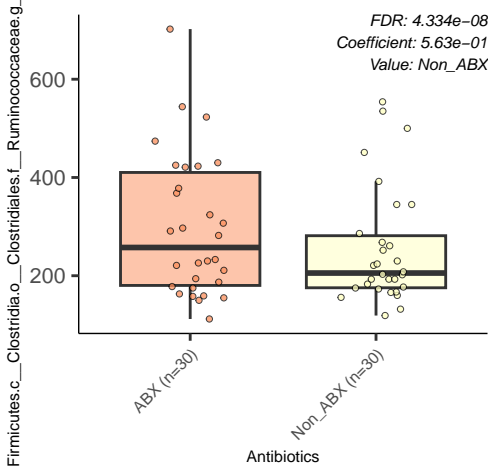
20000

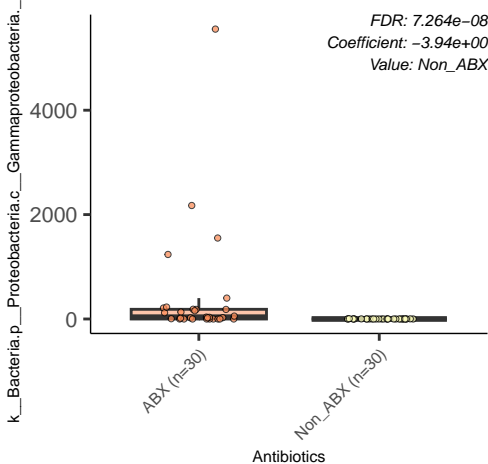
10000

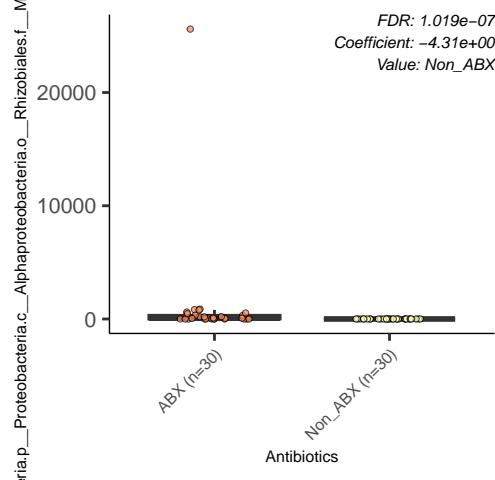


eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Ruminococcac

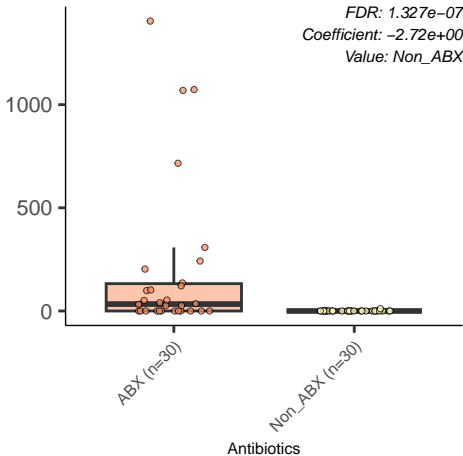


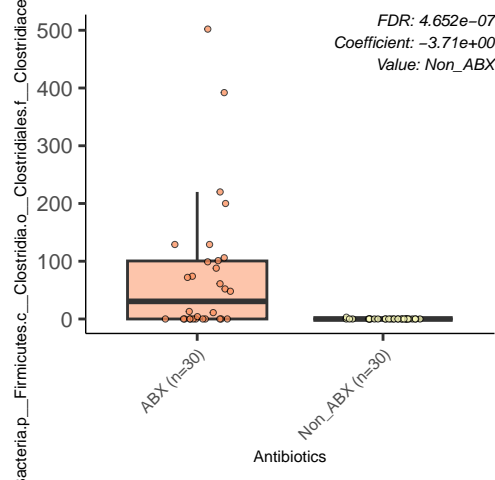






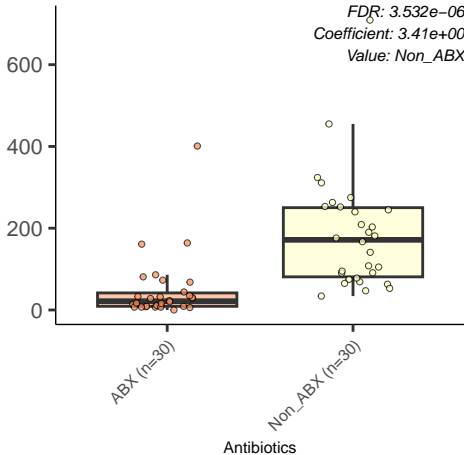
bacteria.p\_\_Proteobacteria.c\_\_Alphaproteobacteria.o\_\_Rhizobiales.f\_\_



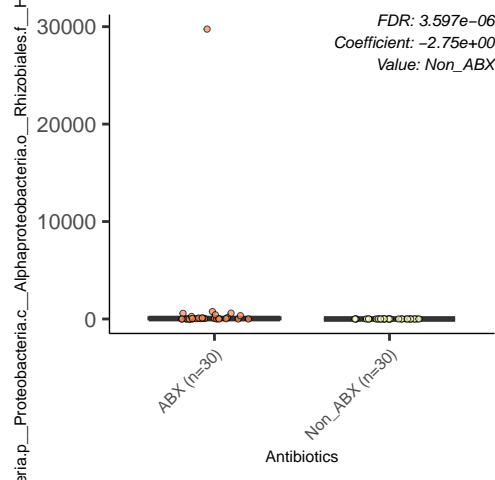


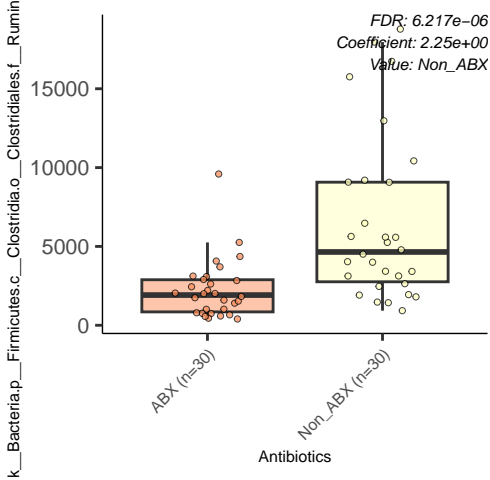
ia.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Dehalobacteriaceae

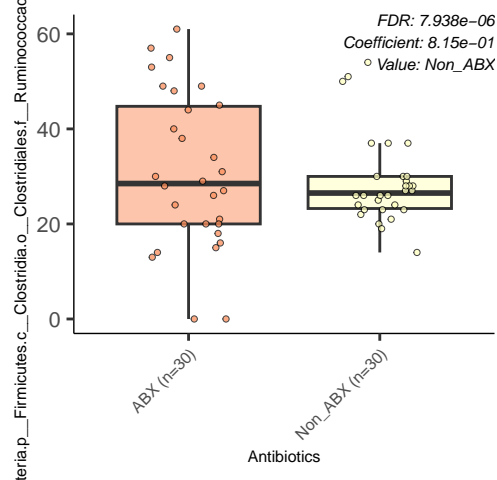
FDR:  $3.532e-06$   
Coefficient:  $3.41e+00$   
Value: Non\_ABX

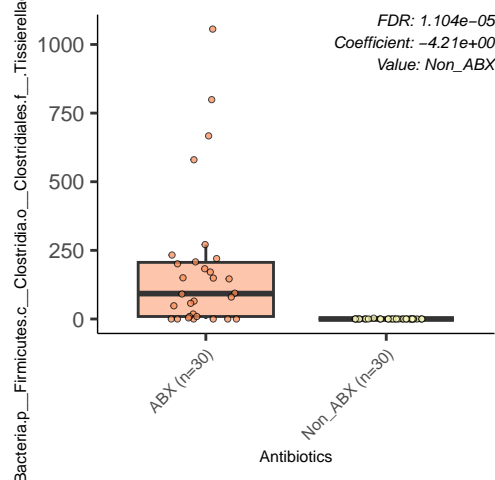


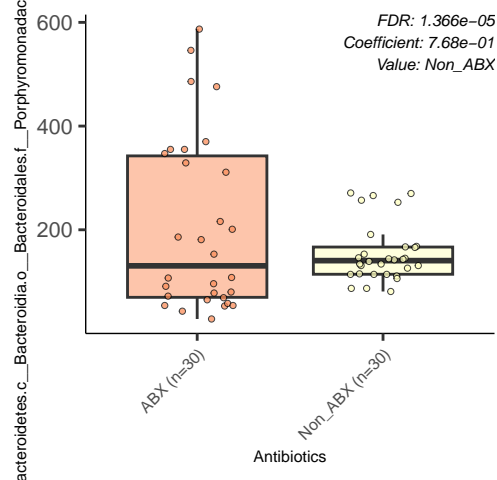


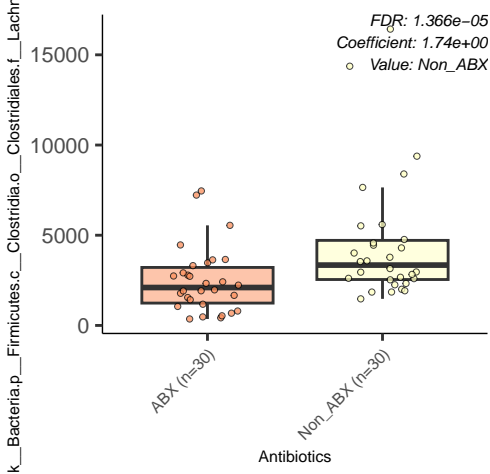


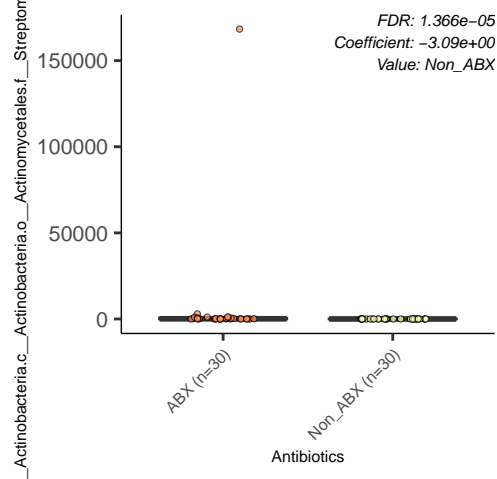


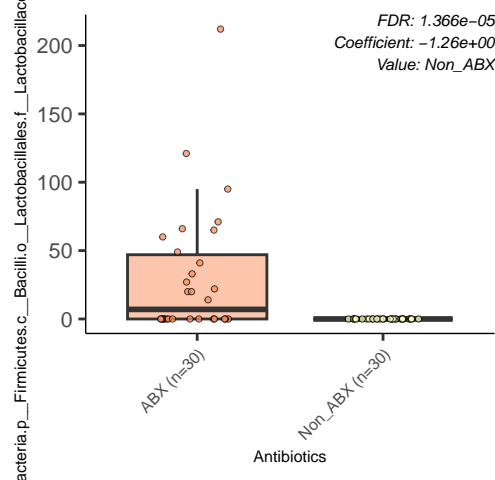




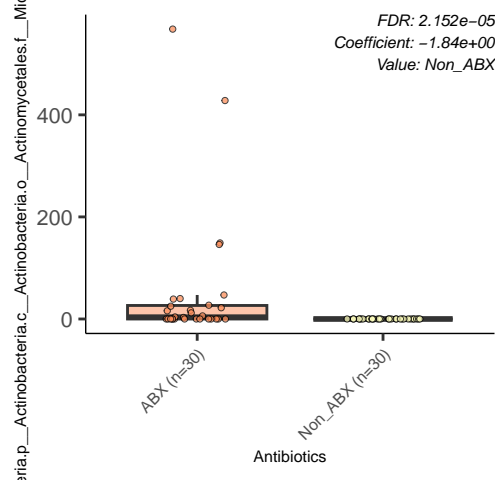


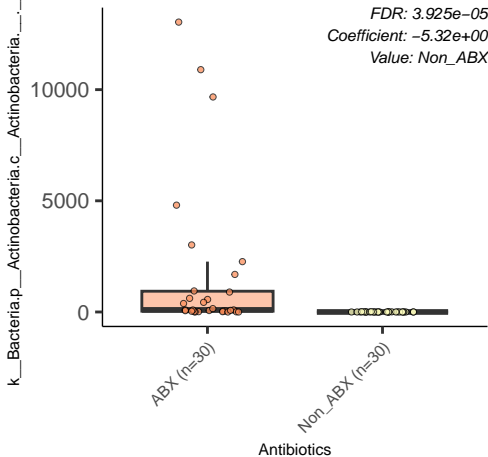


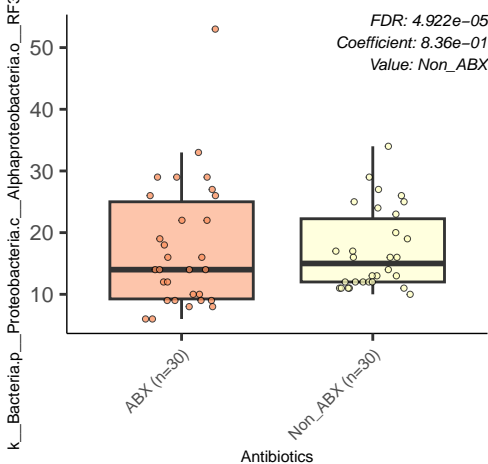












k\_Bacteria.p\_Bacteroidetes.c\_Bacteroidia.o\_Bacteroida

*FDR: 5.304e-05*  
*Coefficient: 1.43e+00*  
*Value: Non\_ABX*

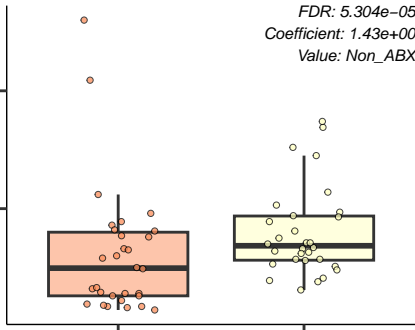
200

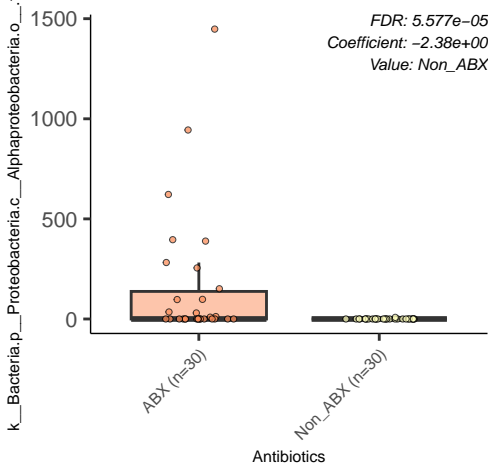
100

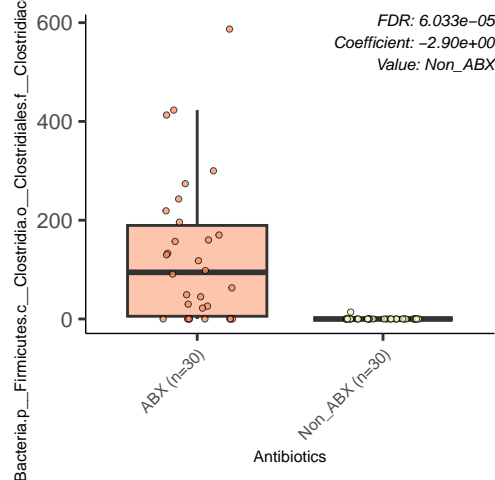
ABX (n=30)

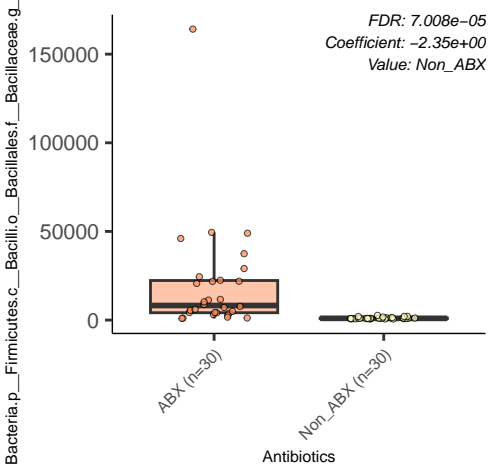
Non\_ABX (n=30)

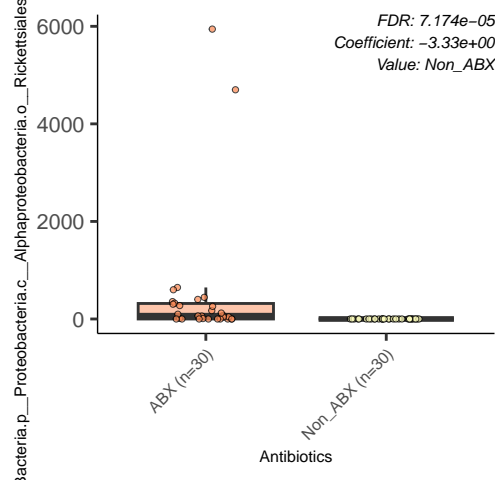
Antibiotics













Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Pseudomonadales.

2000

1000

0

ABX (n=30)

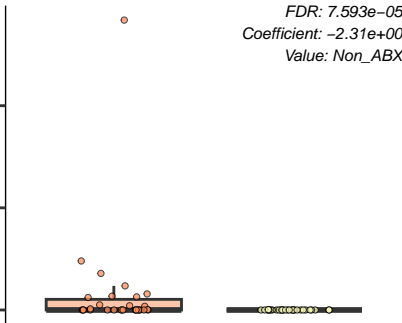
Non\_ABX (n=30)

Antibiotics

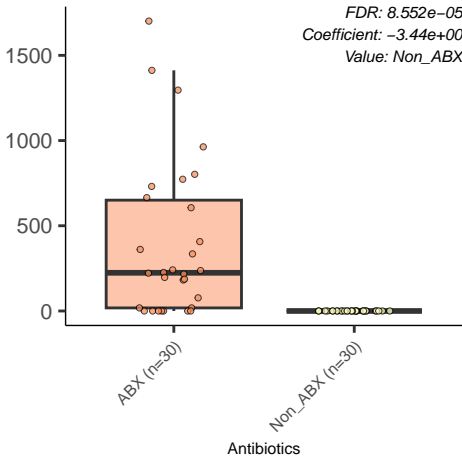
FDR: 7.593e-05

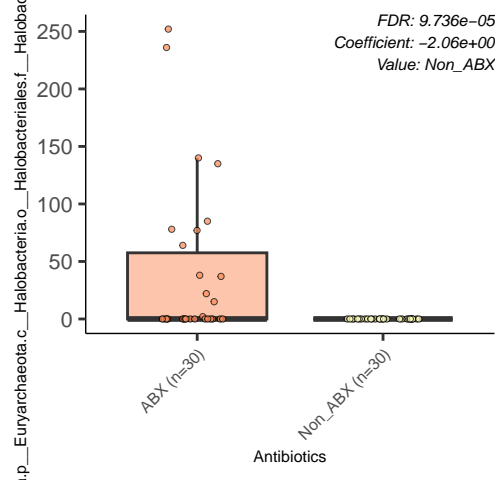
Coefficient: -2.31e+00

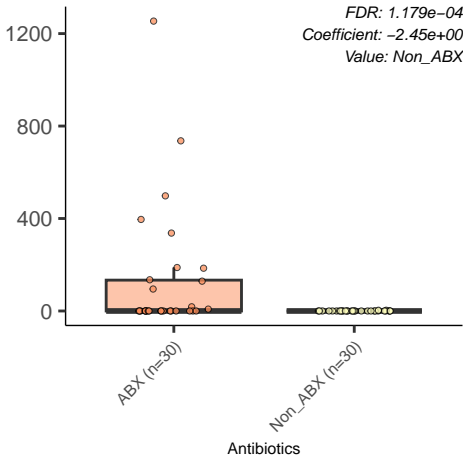
Value: Non\_ABX

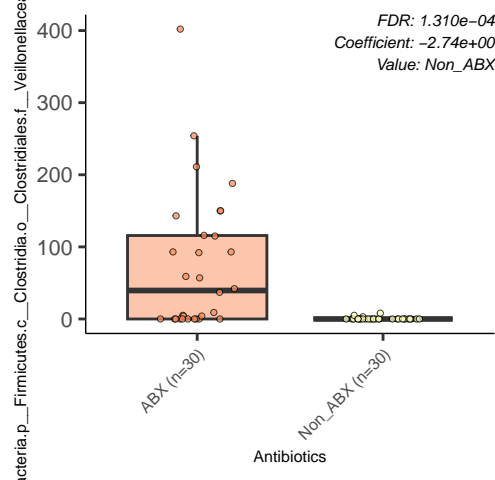


k\_\_Bacteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Bacillales.f\_\_Paenibacill

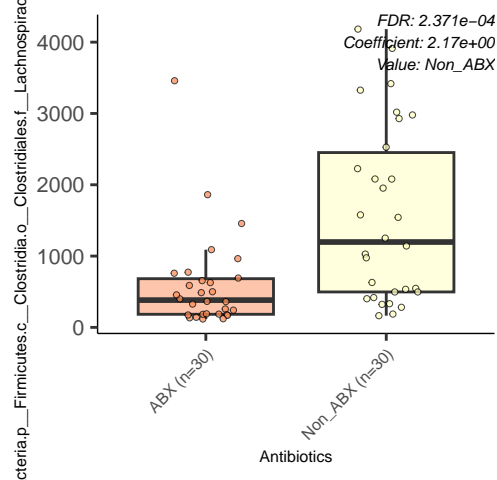


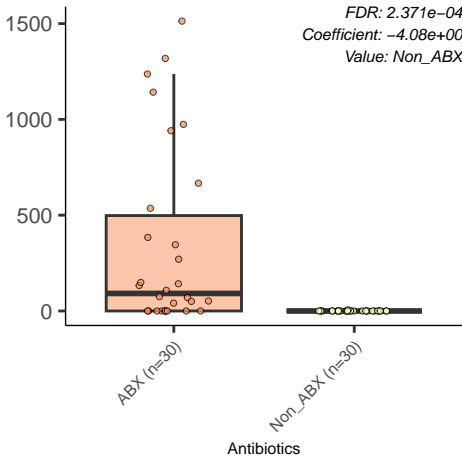




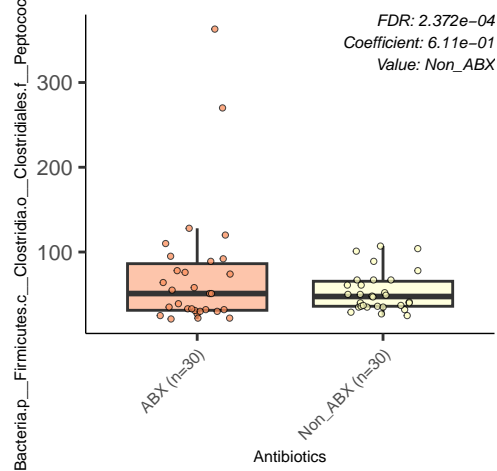




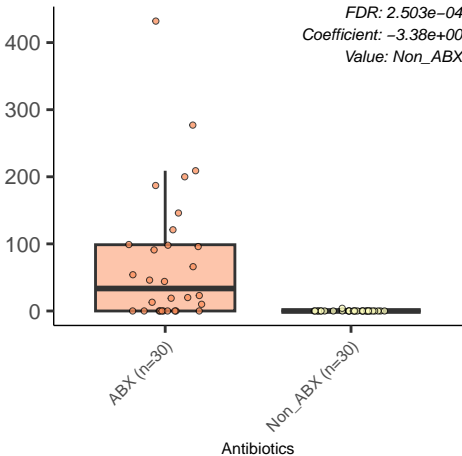


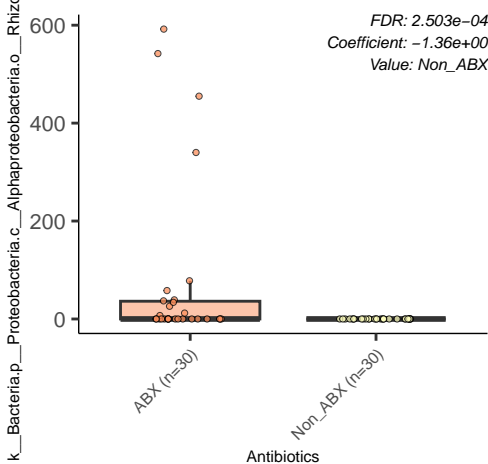


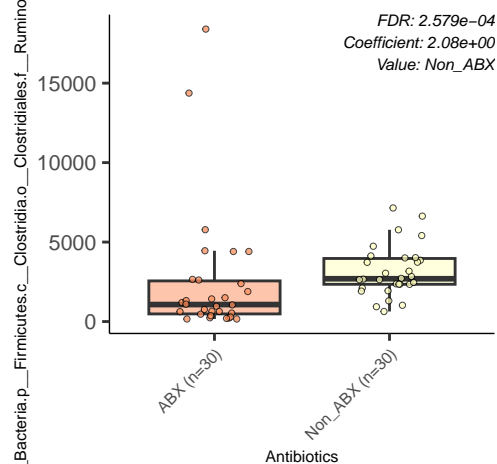


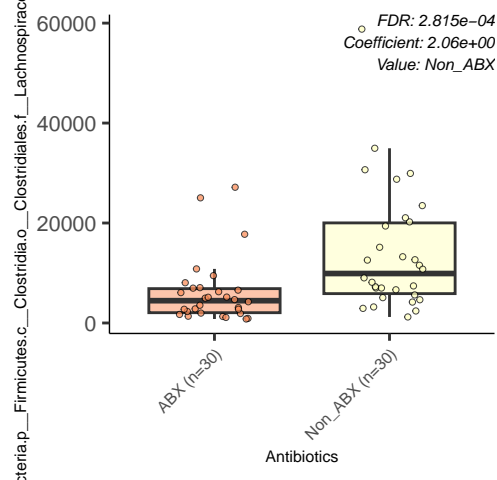


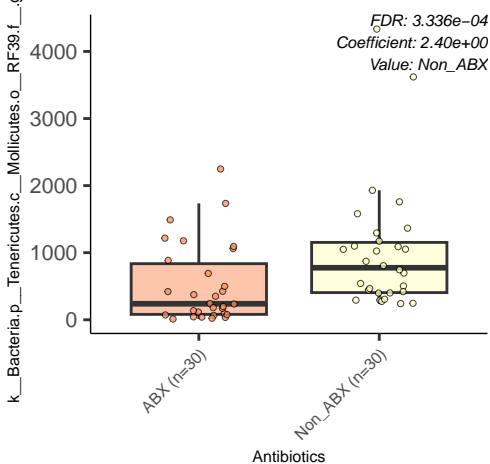
acteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Bacillales.f\_\_Thermicanaceae.s

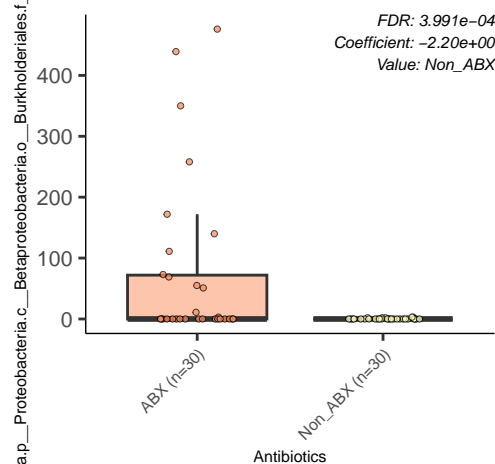


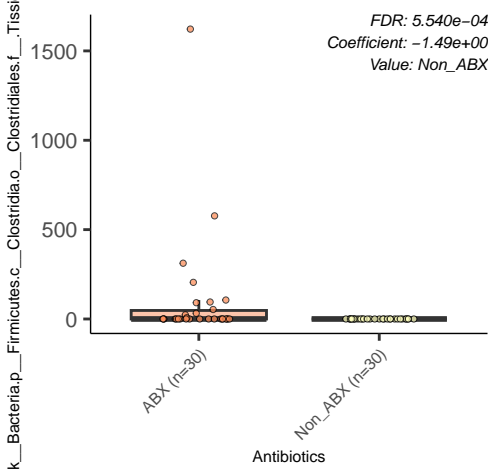






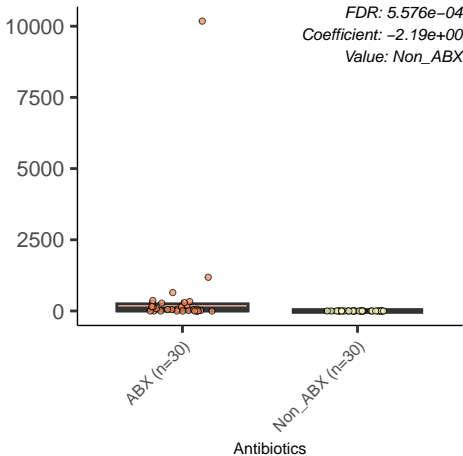








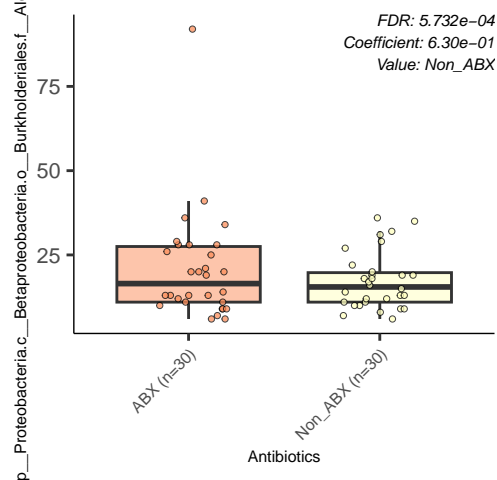
bacteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Lactobacillales.f\_\_Aerococcaceae

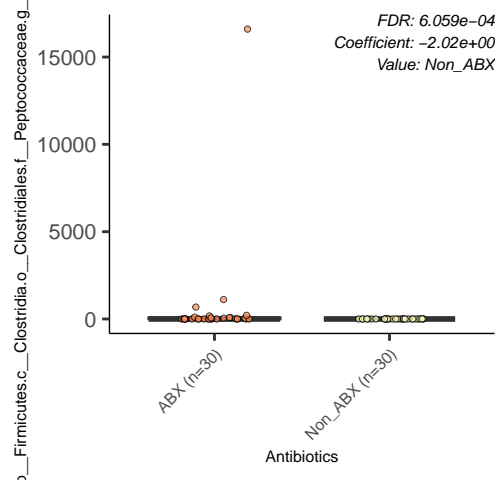


*FDR: 5.576e-04*

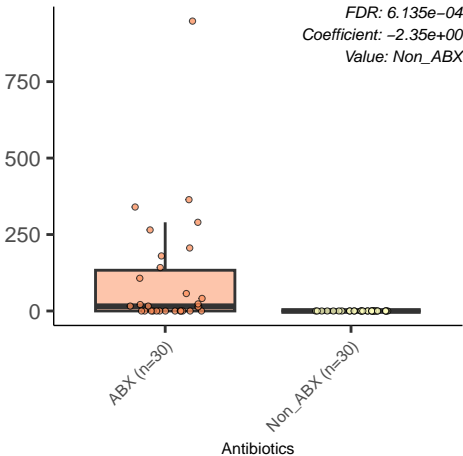
Coefficient:  $-2.19e+00$

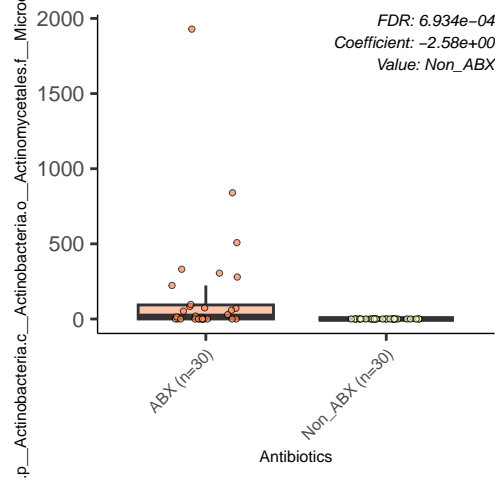
Value: Non ABX

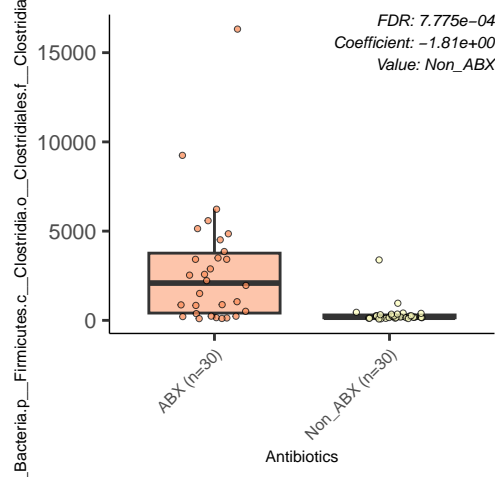


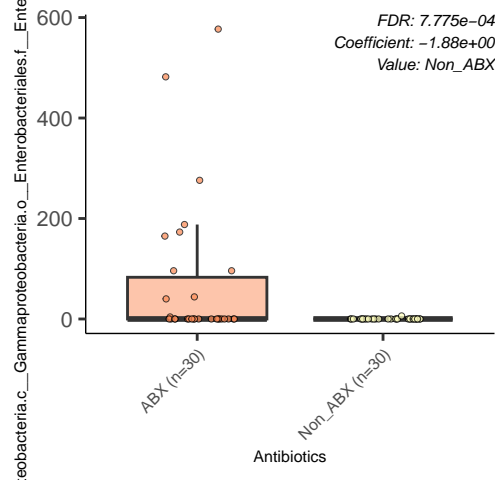


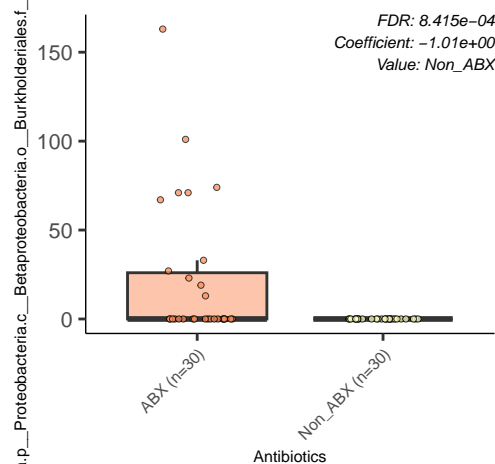
bacteria.c\_\_Betaproteobacteria.o\_\_Burkholderiales.f\_\_Comamonad



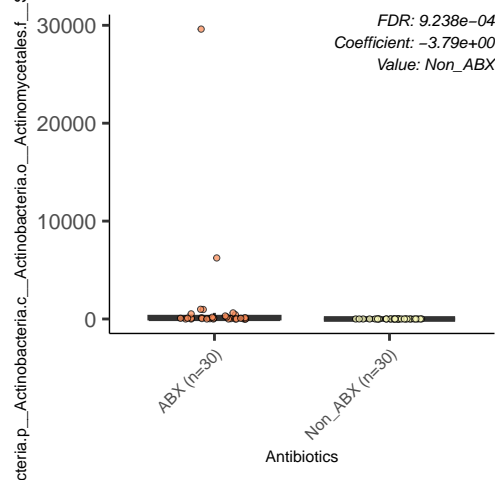


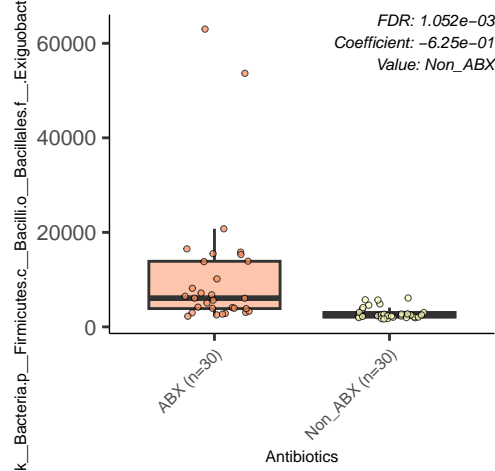


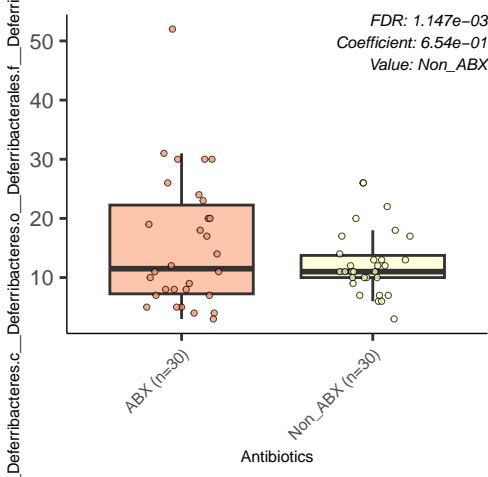




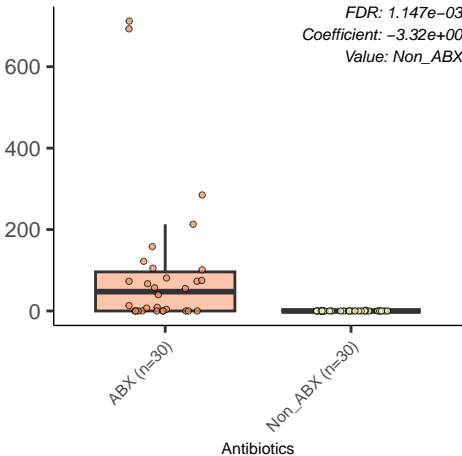


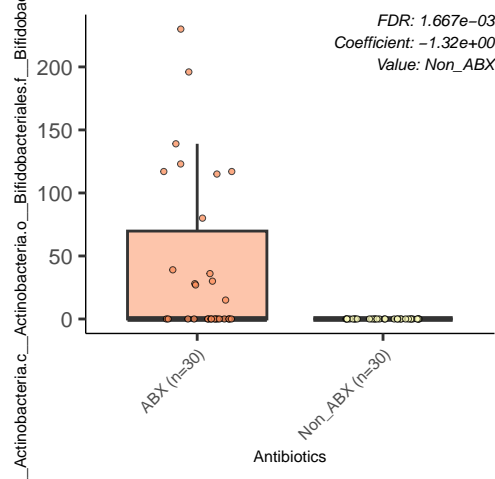


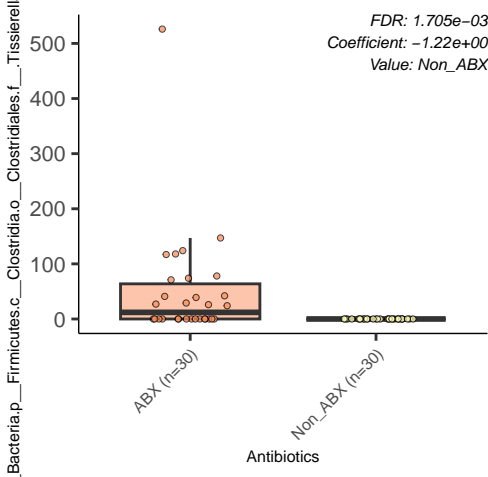




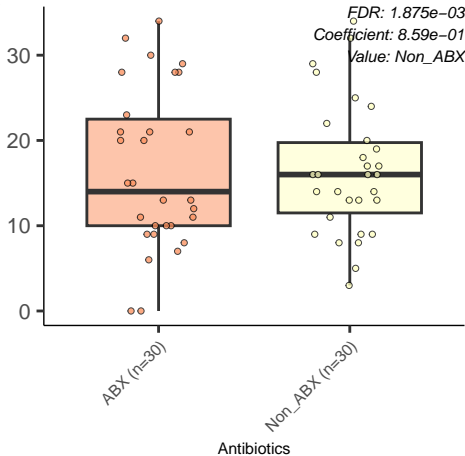
eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Natranaerobiales.f\_\_Anaerobra

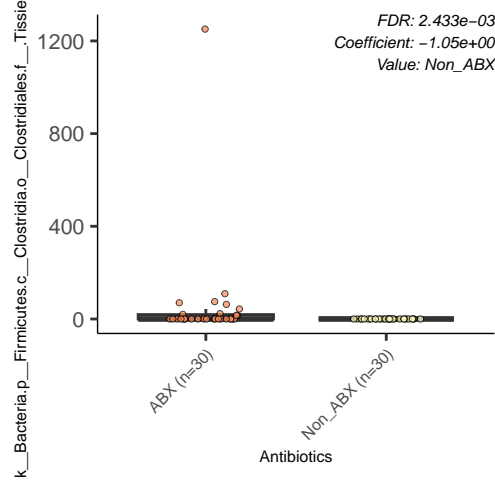




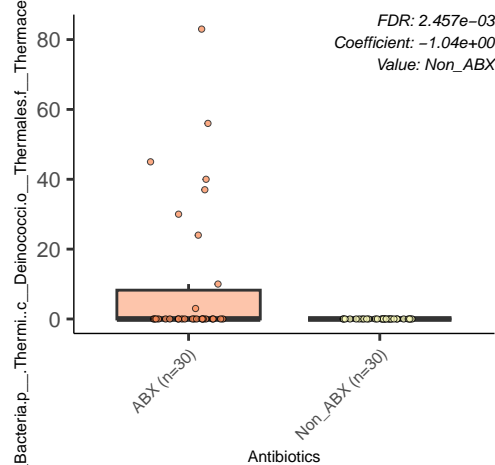


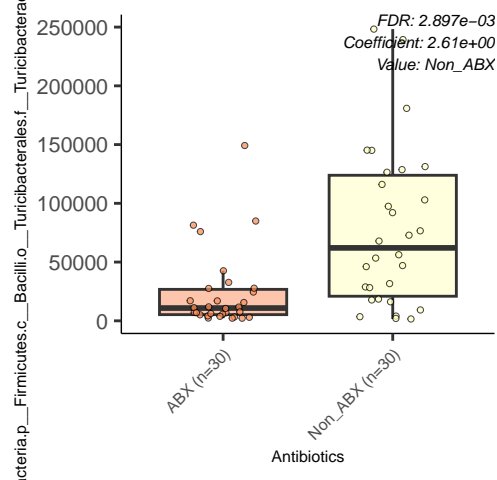
a.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Clostridiaceae.g

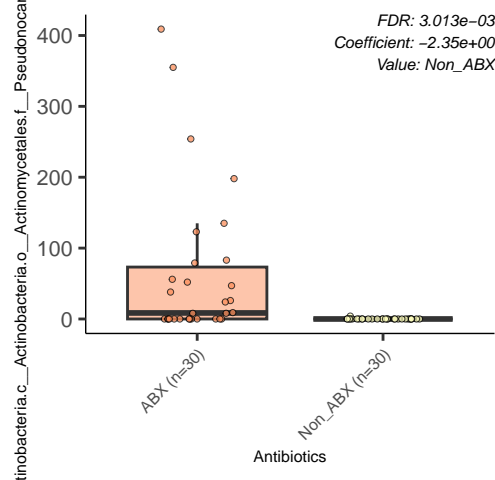


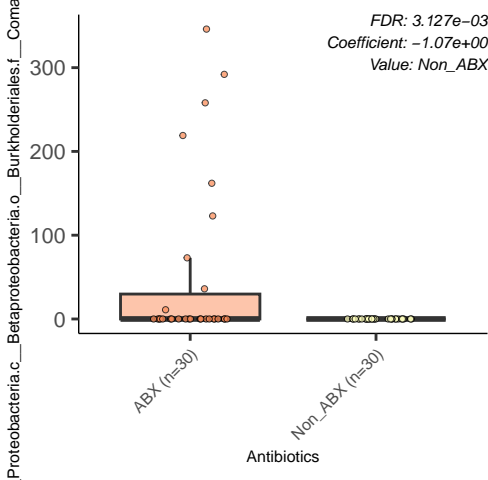


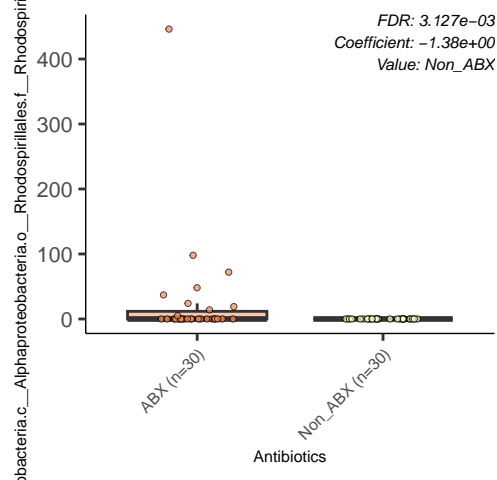


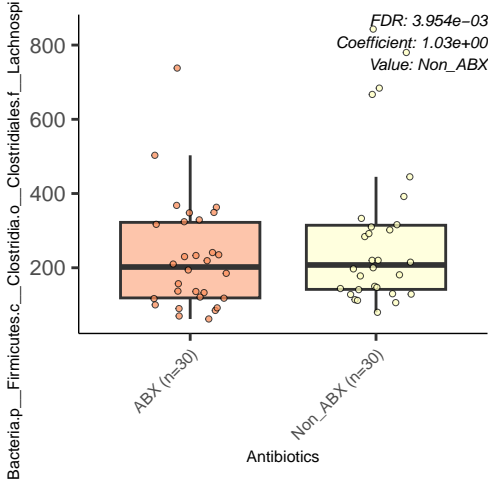














Firmicutes.c\_\_Erysipelotrichi.o\_\_Erysipelotrichales.f\_\_Erysipelotri

*FDR: 5.148e-03*  
*Coefficient: 6.87e-01*  
*Value: Non\_ABX*

300

200

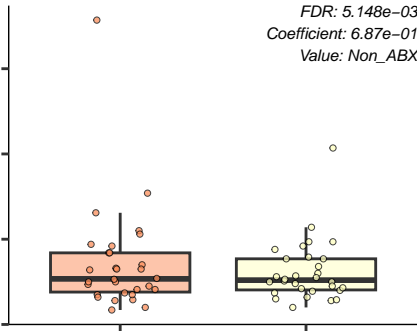
100

0

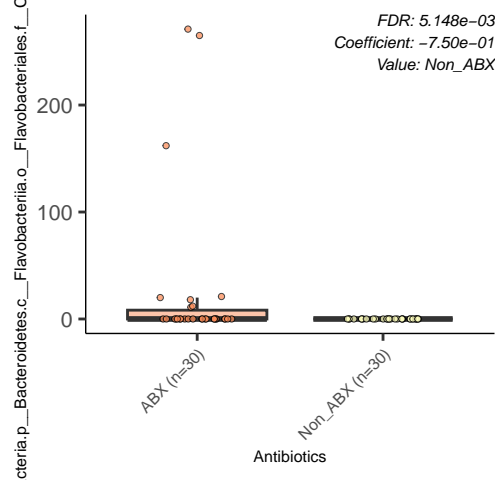
ABX (n=30)

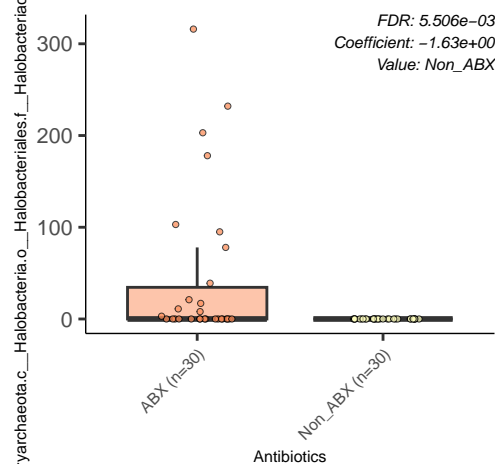
Non\_ABX (n=30)

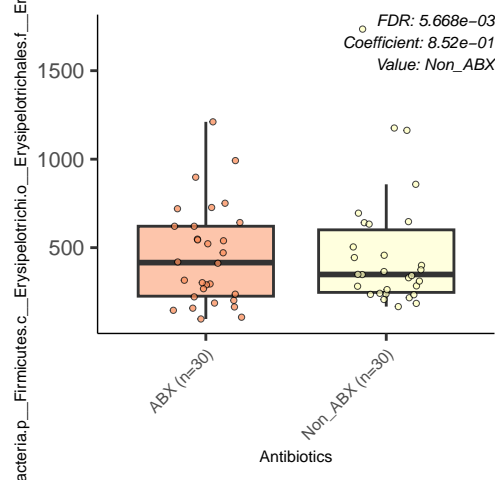
Antibiotics

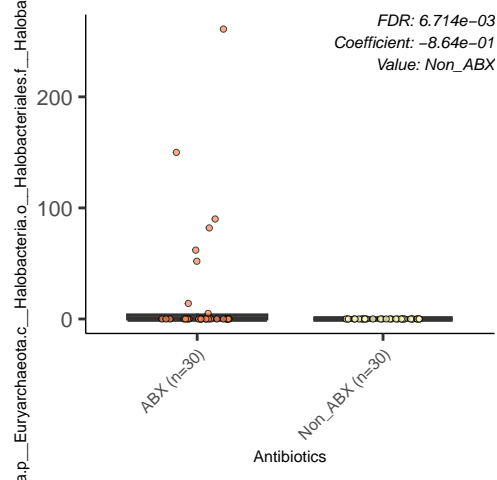




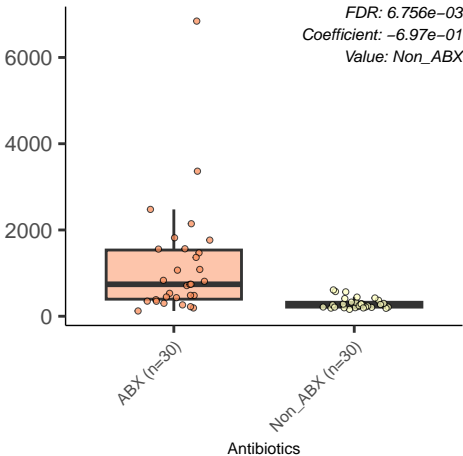


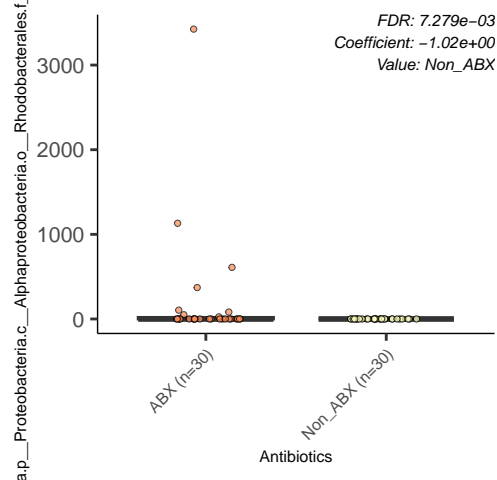






p\_\_Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Enterobacteriales.





k\_Bacteria.p\_Firmicutes.c\_Clostridia.

*FDR: 7.606e-03*  
*Coefficient: 9.90e-01*  
*Value: Non\_ABX*

2000

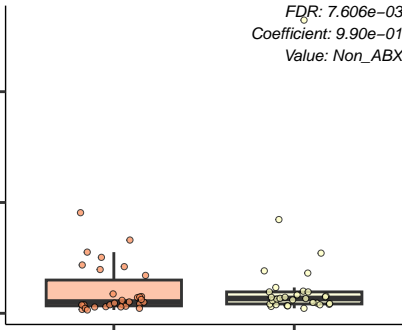
1000

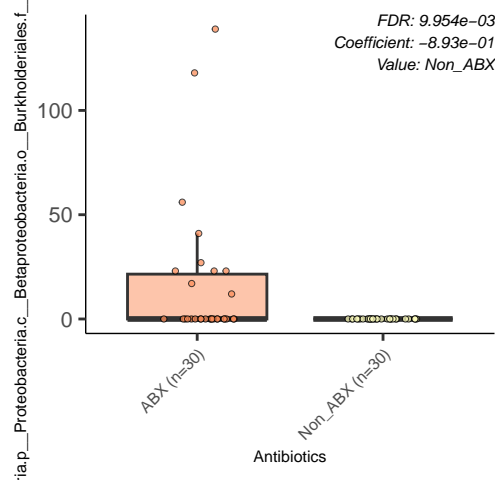
0

ABX (n=30)

Non\_ABX (n=30)

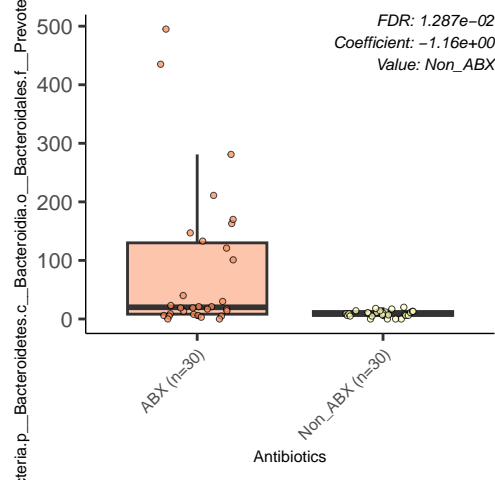
Antibiotics

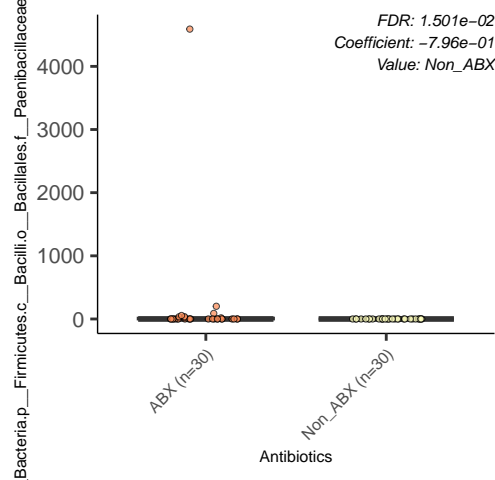


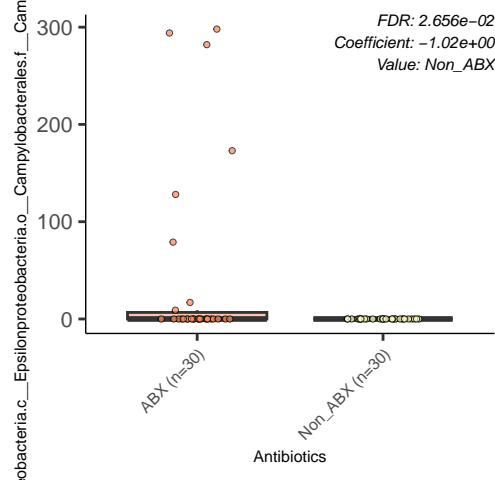


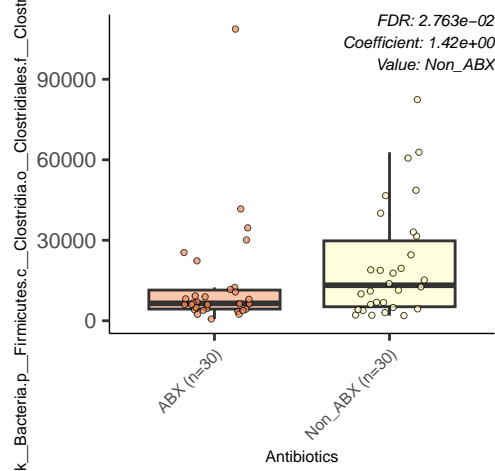


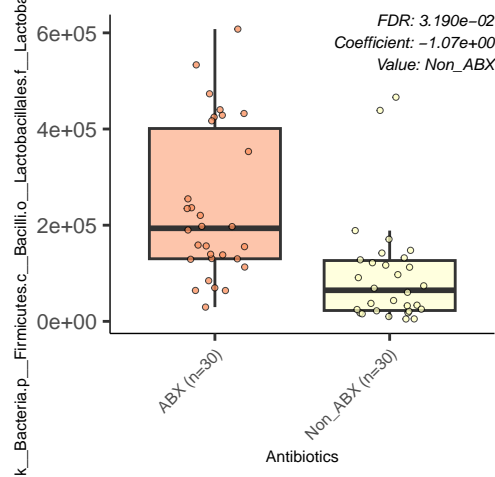


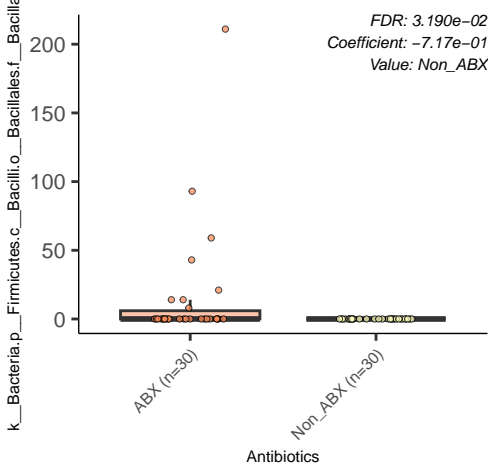


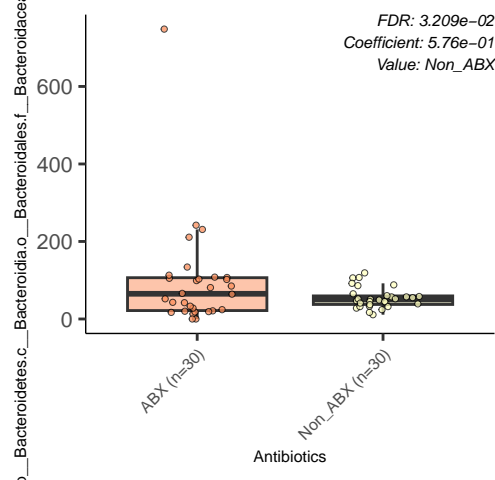




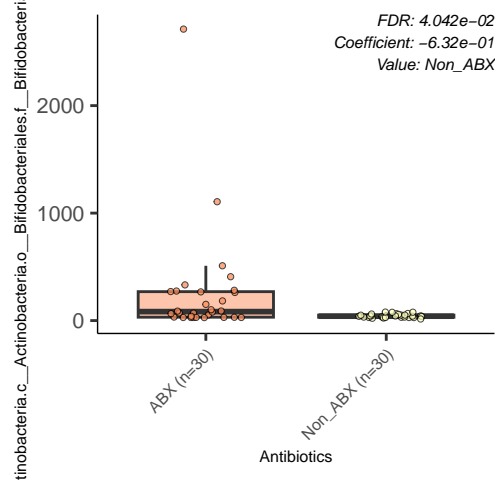


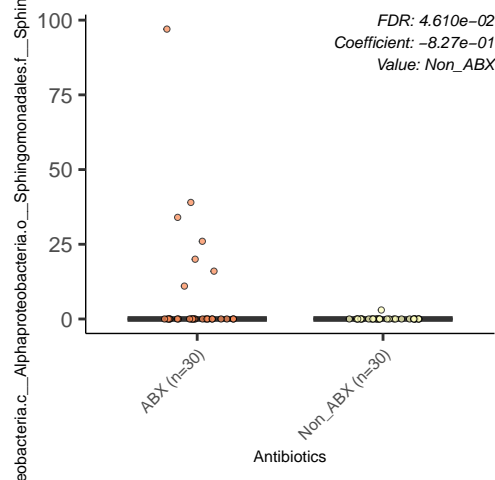












Bacteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Clostridiaceae

*FDR: 5.376e-02*  
*Coefficient: -1.45e+00*  
*Value: Non\_ABX*

ABX (n=30)

Non\_ABX (n=30)

Antibiotics

