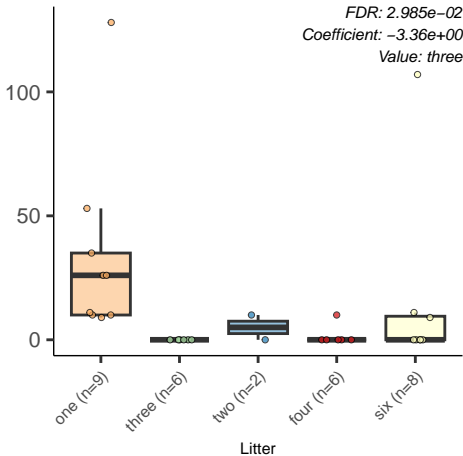
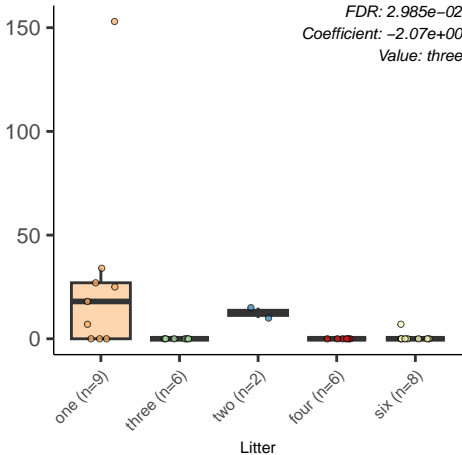


acteria.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Lactobacillales.f\_\_Streptococcace



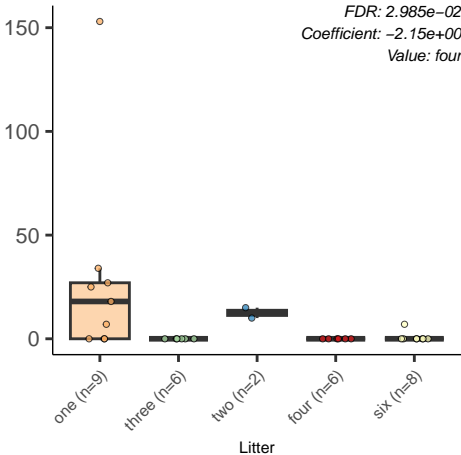
c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerovora

*FDR: 2.985e-02*  
*Coefficient: -2.07e+00*  
*Value: three*



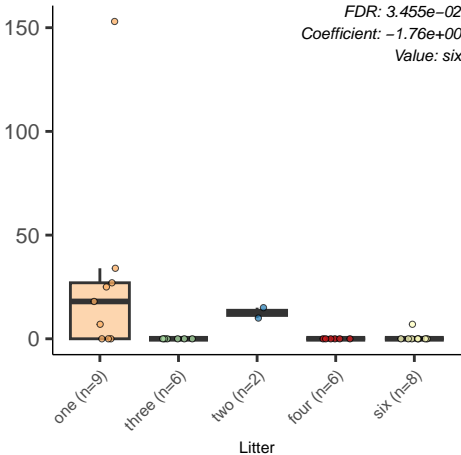
c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerovora

FDR:  $2.985e-02$   
Coefficient:  $-2.15e+00$   
Value: four



c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerovora

*FDR: 3.455e-02*  
*Coefficient: -1.76e+00*  
*Value: six*



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

*FDR: 3.715e-02*  
*Coefficient: -2.94e+00*  
*Value: four*

100

50

0

one (n=9)

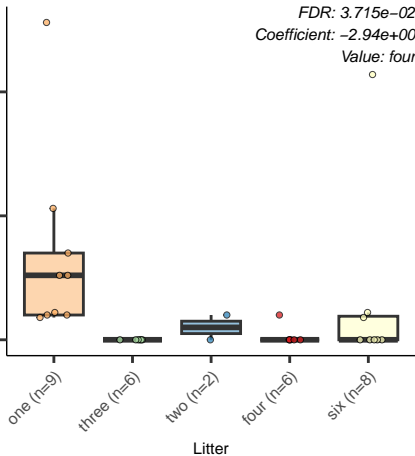
three (n=6)

two (n=2)

four (n=6)

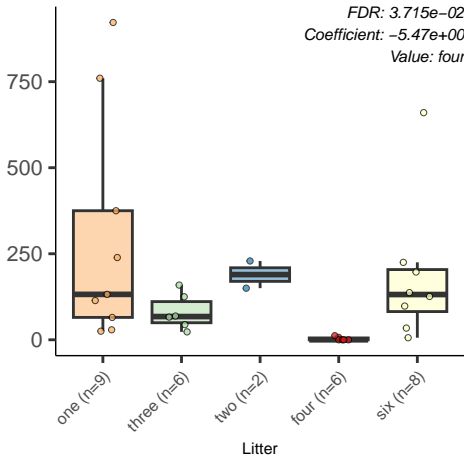
six (n=8)

Litter



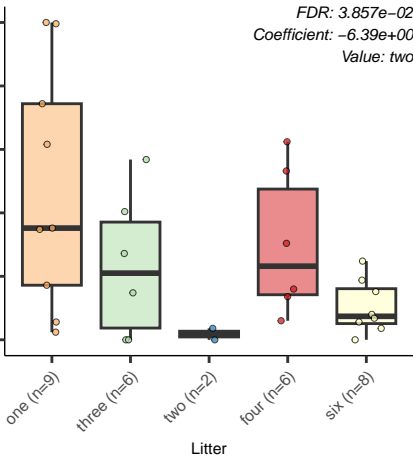
p\_\_Firmicutes.c\_\_Clostridia.o\_\_Oscillospirales.f\_\_.Eubacterium...

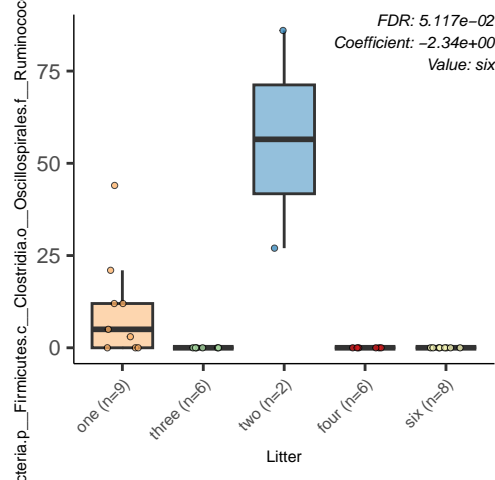
FDR:  $3.715e-02$   
Coefficient:  $-5.47e+00$   
Value: four



acteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Oscillospirales.f\_\_Butyricico

FDR:  $3.857e-02$   
Coefficient:  $-6.39e+00$   
Value: two

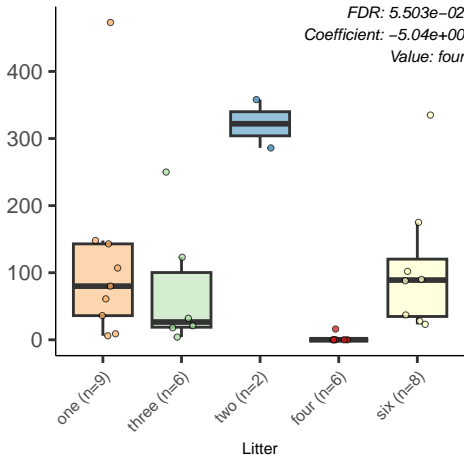


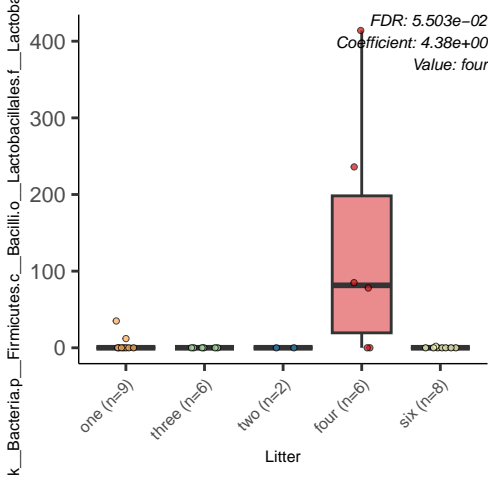




Desulfobacterota.c\_\_Desulfovibrionia.o\_\_Desulfovibrionales.f\_\_De

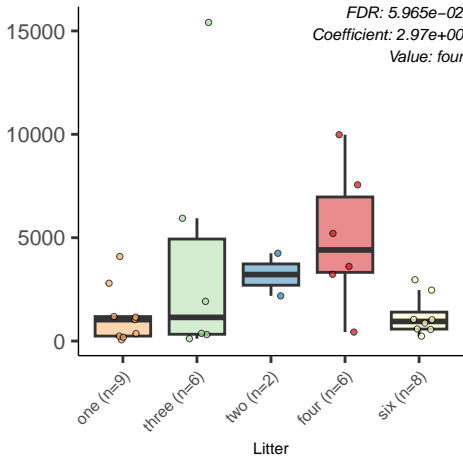
FDR:  $5.503e-02$   
Coefficient:  $-5.04e+00$   
Value: four





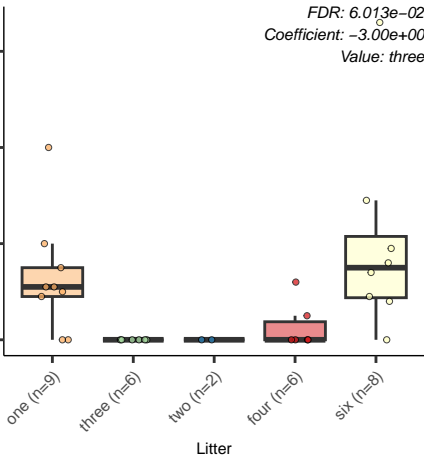
acteria.p\_Firmicutes.c\_Clostridia.o\_Lachnospirales.f\_Lachnospir

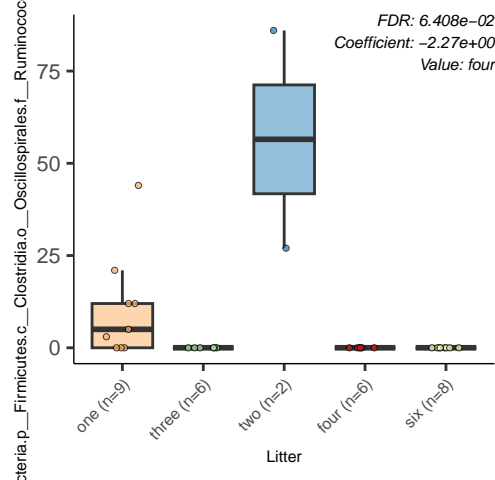
*FDR: 5.965e-02*  
*Coefficient: 2.97e+00*  
*Value: four*

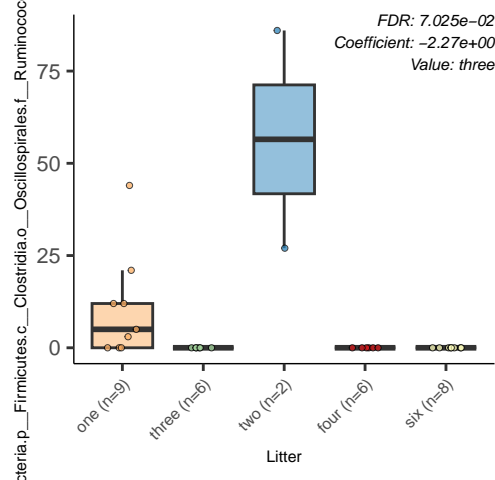


acteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Monoglobales.f\_\_Monoglob

FDR:  $6.013e-02$   
Coefficient:  $-3.00e+00$   
Value: three







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

FDR:  $7.076e-02$   
Coefficient:  $-2.10e+00$   
Value: six

100

50

0

one (n=9)

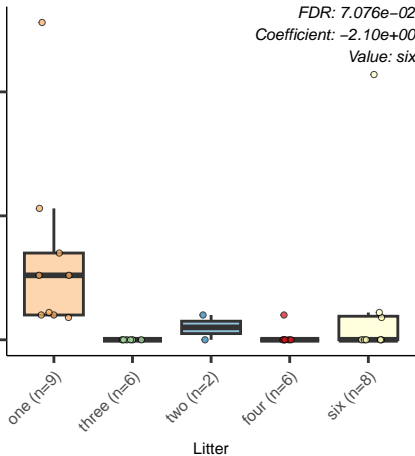
three (n=6)

two (n=2)

four (n=6)

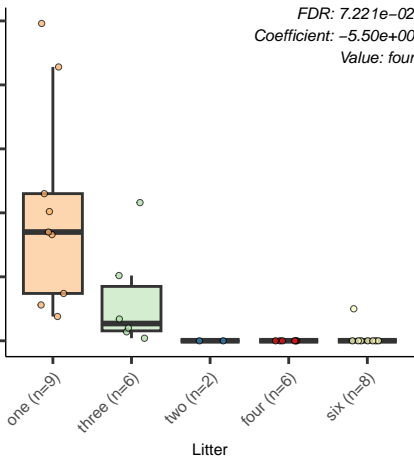
six (n=8)

Litter

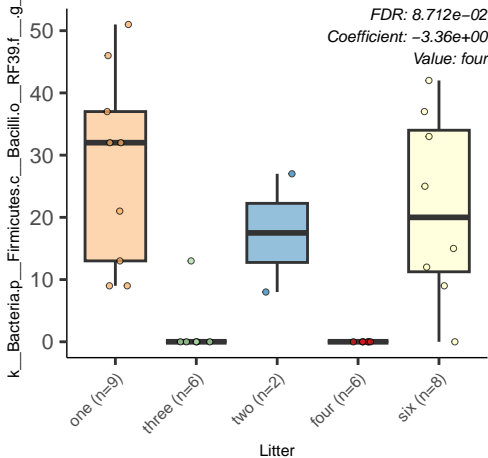


eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Lachnospirales.f\_\_Lachnospira

FDR:  $7.221e-02$   
Coefficient:  $-5.50e+00$   
Value: four

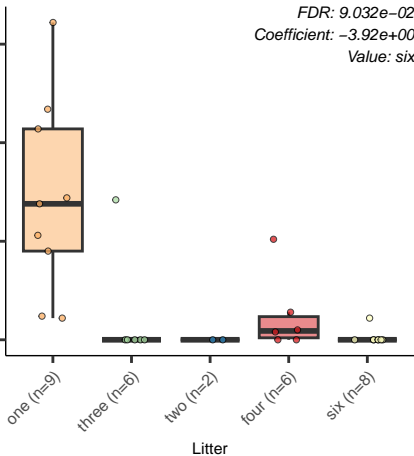






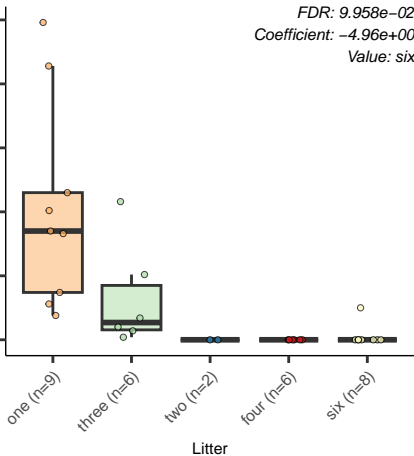
bacteria.c\_\_Gammaproteobacteria.o\_\_Enterobacterales.f\_\_Enterob

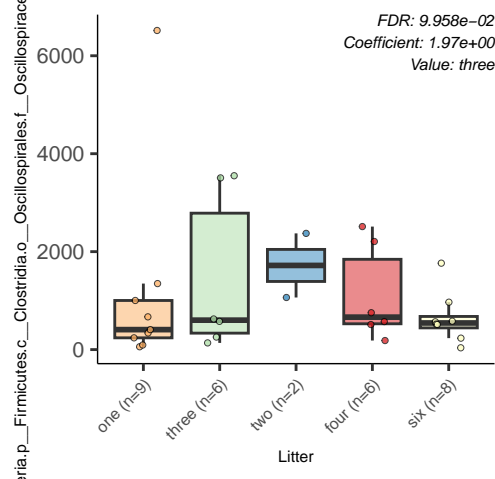
FDR:  $9.032e-02$   
Coefficient:  $-3.92e+00$   
Value: six

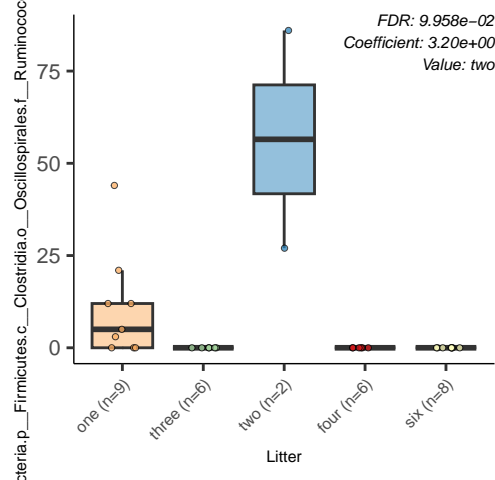


eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Lachnospirales.f\_\_Lachnospira

*FDR: 9.958e-02*  
*Coefficient: -4.96e+00*  
*Value: six*

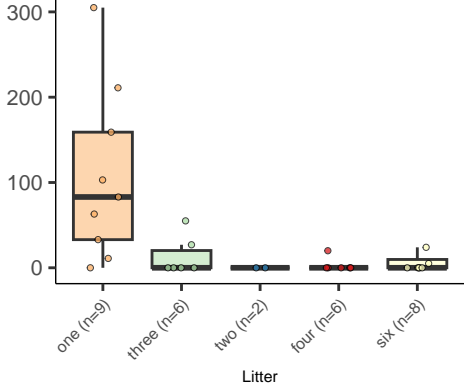






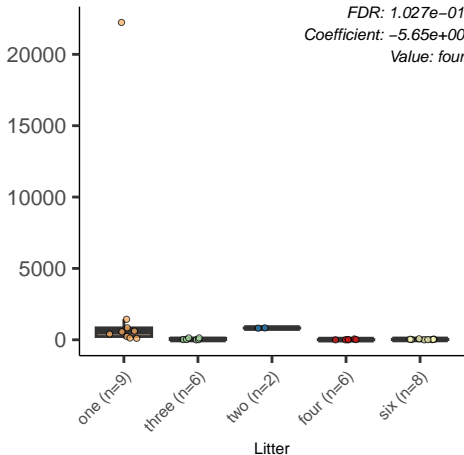
Actinobacteriota.c\_\_Actinobacteria.o\_\_Bifidobacteriales.f\_\_Bifidob

FDR:  $1.027e-01$   
Coefficient:  $-4.16e+00$   
Value: four

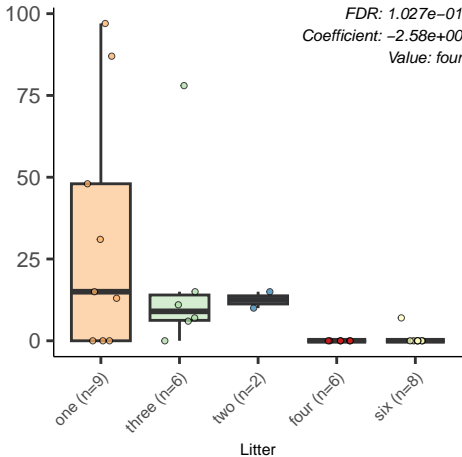


inobacteriota.c\_\_Coriobacteriia.o\_\_Coriobacteriales.f\_\_Atopobiaceae

FDR: 1.027e-01  
Coefficient: -5.65e+00  
Value: four



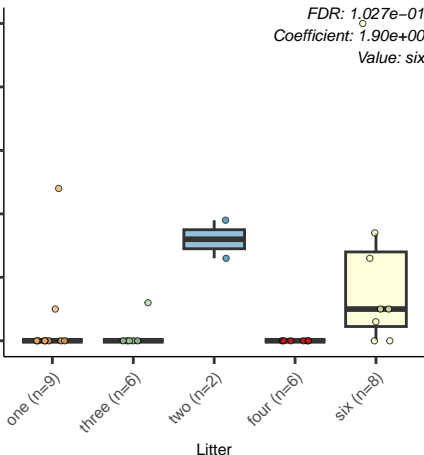
icutes.c\_\_Clostridia.o\_\_Christensenellales.f\_\_Christensenellaceae.





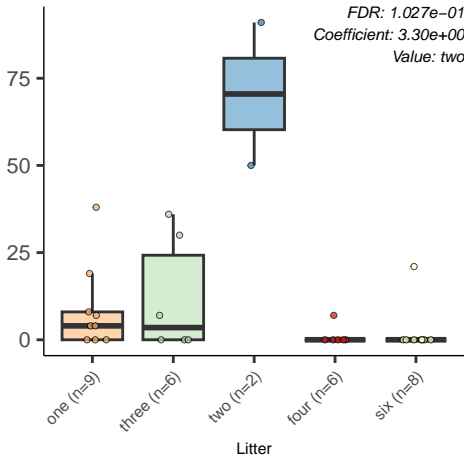
k\_Bacteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Oscillospirales.f\_\_U

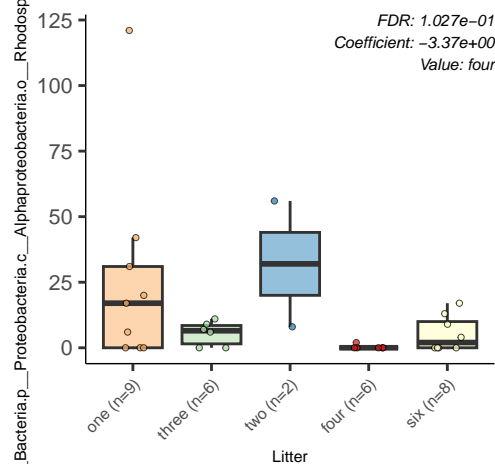
FDR: 1.027e-01  
Coefficient: 1.90e+00  
Value: six



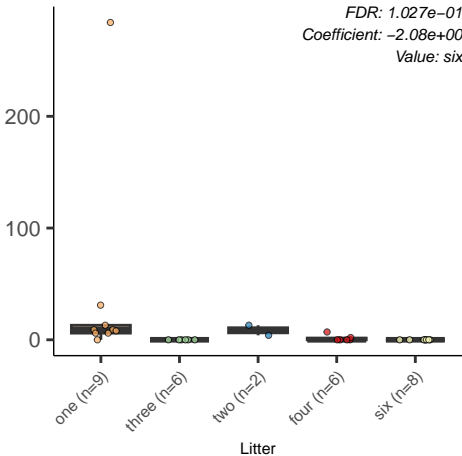
s.c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerov

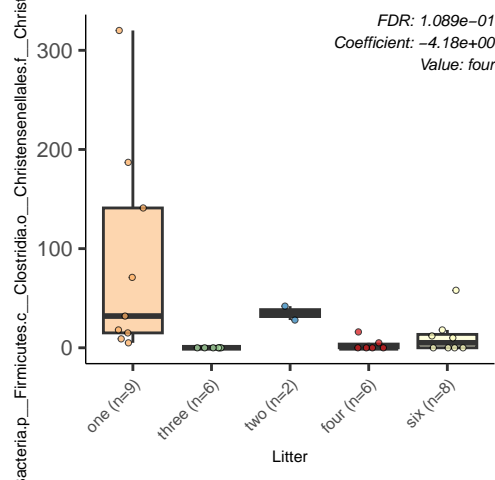
FDR: 1.027e-01  
Coefficient: 3.30e+00  
Value: two





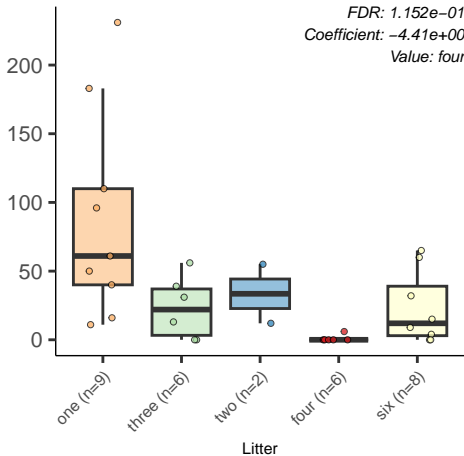
Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Burkholderiales.f\_\_C





bacteria.p\_\_Bacteroidota.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_\_Rikenell

FDR:  $1.152e-01$   
Coefficient:  $-4.41e+00$   
Value: four



Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Burkholderiales.f\_\_C

FDR: 1.180e-01  
Coefficient: -2.23e+00  
Value: three

200

100

0

one (n=9)

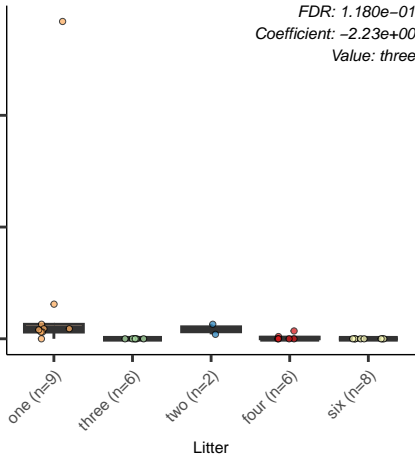
three (n=6)

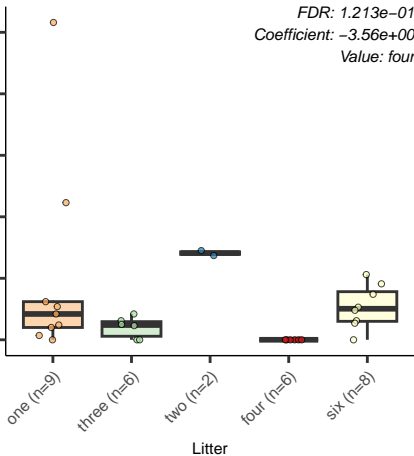
two (n=2)

four (n=6)

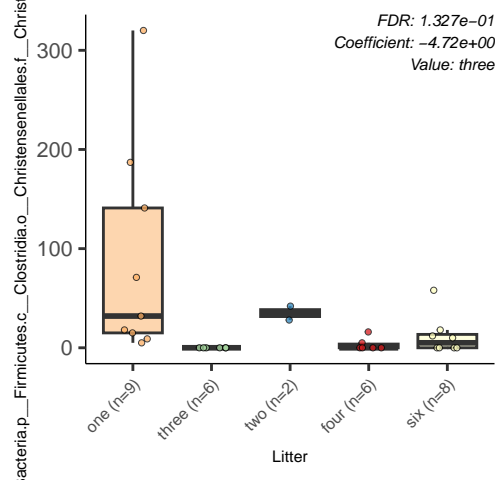
six (n=8)

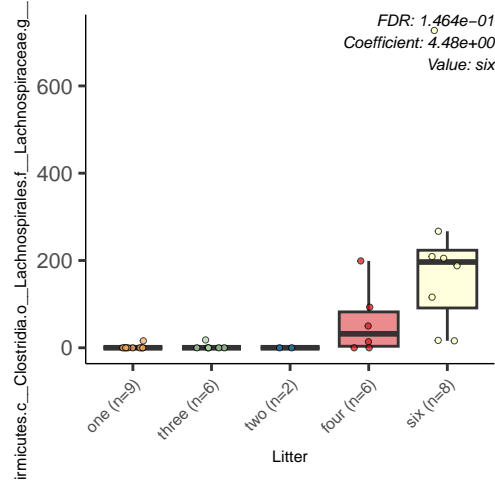
Litter





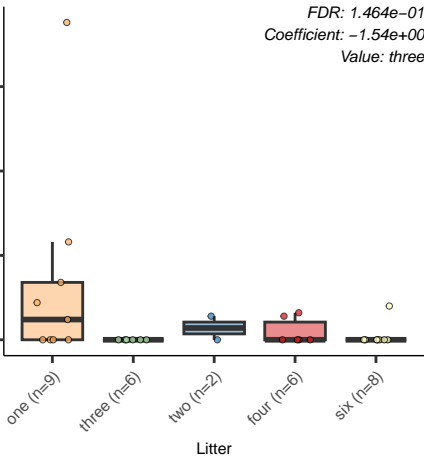






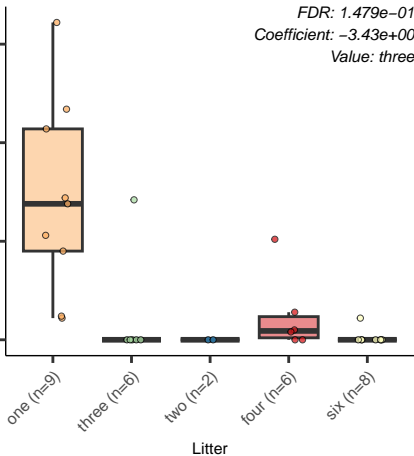
ss.c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerovo

FDR:  $1.464e-01$   
Coefficient:  $-1.54e+00$   
Value: three



bacteria.c\_\_Gammaproteobacteria.o\_\_Enterobacterales.f\_\_Enterob

FDR: 1.479e-01  
Coefficient: -3.43e+00  
Value: three



Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Burkholderiales.f\_\_C

FDR: 1.696e-01  
Coefficient: -1.63e+00  
Value: four

200

100

0

one (n=9)

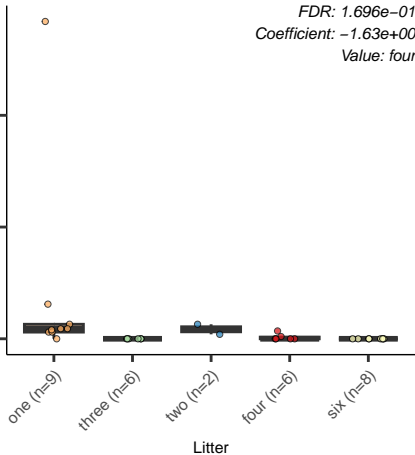
three (n=6)

two (n=2)

four (n=6)

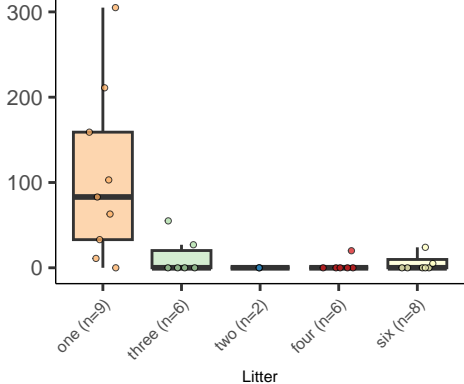
six (n=8)

Litter



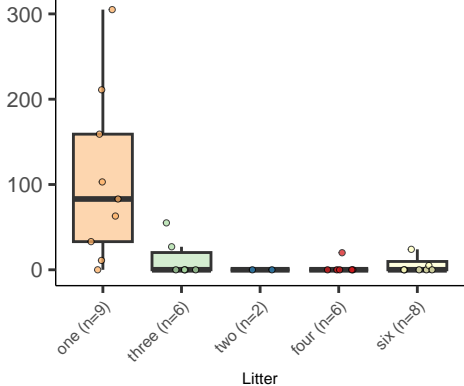
Actinobacteriota.c\_\_Actinobacteria.o\_\_Bifidobacteriales.f\_\_Bifidoba

FDR:  $1.767e-01$   
Coefficient:  $-3.63e+00$   
Value: three

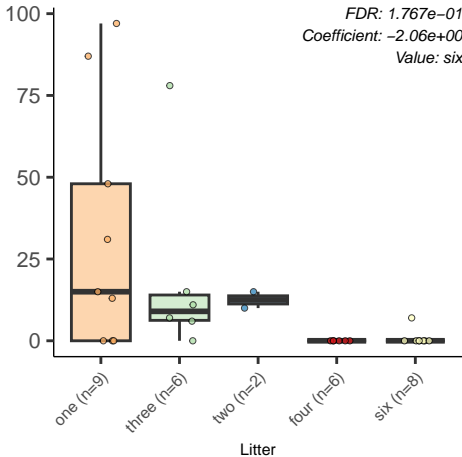


Actinobacteriota.c\_\_Actinobacteria.o\_\_Bifidobacteriales.f\_\_Bifidoba

FDR:  $1.767e-01$   
Coefficient:  $-3.20e+00$   
Value: six



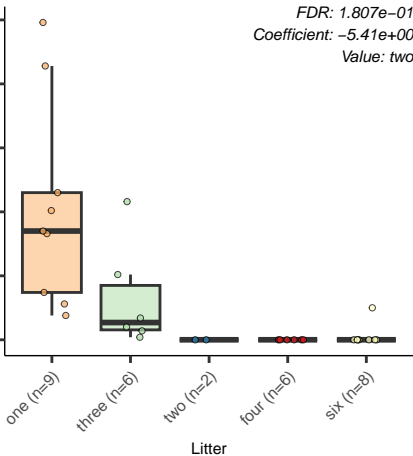
icutes.c\_\_Clostridia.o\_\_Christensenellales.f\_\_Christensenellaceae.





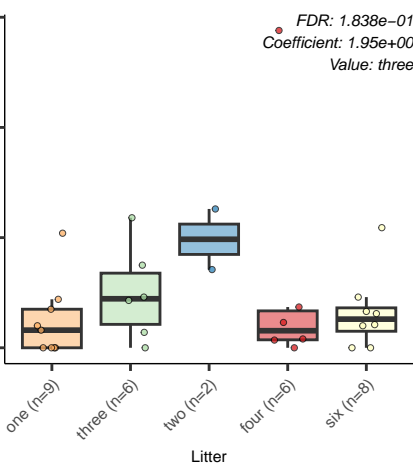
eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Lachnospirales.f\_\_Lachnospira

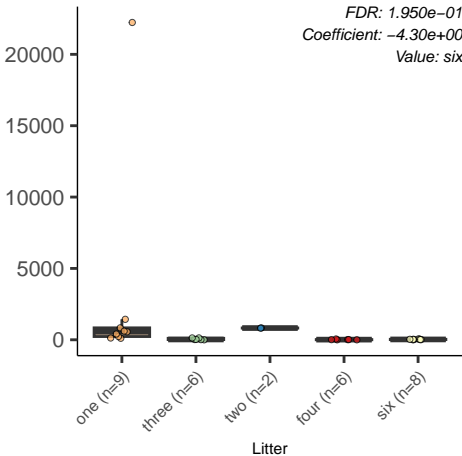
FDR: 1.807e-01  
Coefficient: -5.41e+00  
Value: two

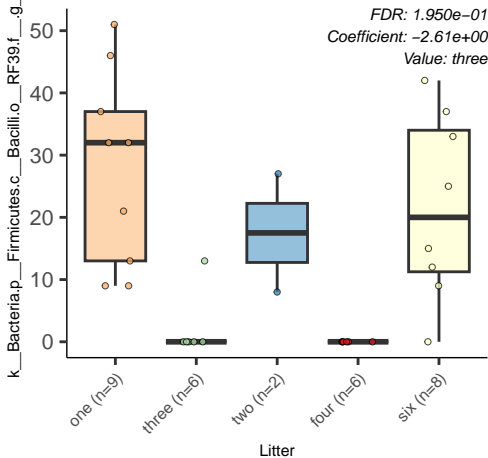


Firmicutes.c\_\_Clostridia.o\_\_Lachnospirales.f\_\_Lachnospiraceae.g

FDR: 1.838e-01  
Coefficient: 1.95e+00  
Value: three

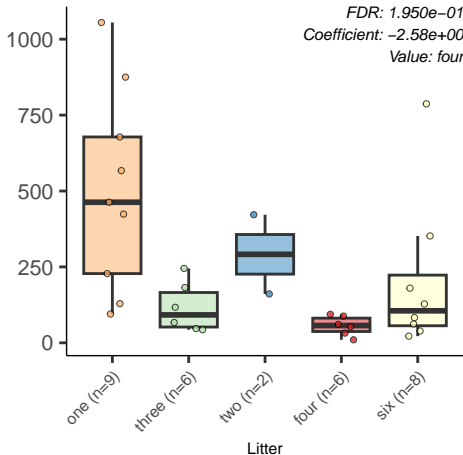






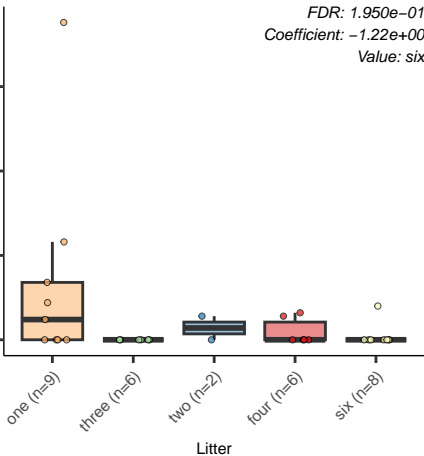
k\_Bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridia.UGC.01

FDR: 1.950e-01  
Coefficient: -2.58e+00  
Value: four



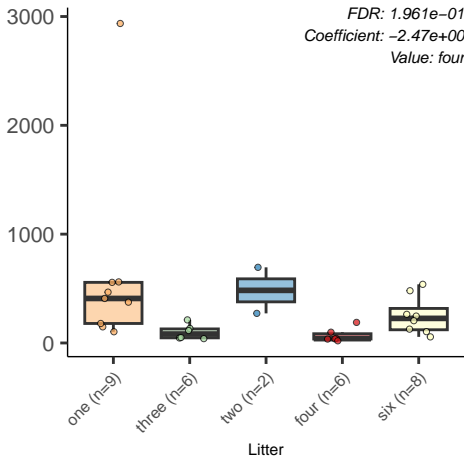
ps.c\_\_Clostridia.o\_\_Peptostreptococcales.Tissierellales.f\_\_Anaerovo

FDR: 1.950e-01  
Coefficient: -1.22e+00  
Value: six

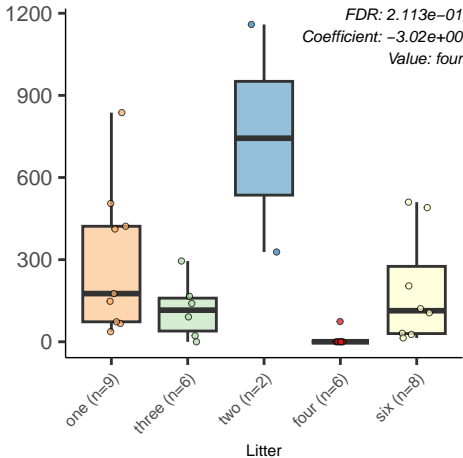


Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Burkholderiales.f\_\_Su

FDR: 1.961e-01  
Coefficient: -2.47e+00  
Value: four



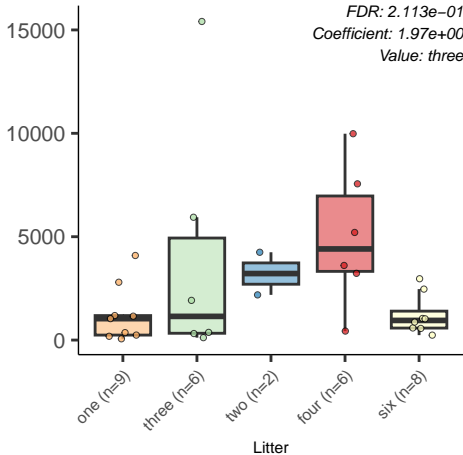
ia.p\_\_Bacteroidota.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_\_Tannerellac





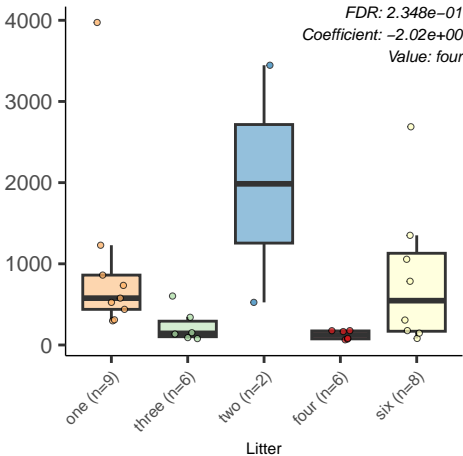
acteria.p\_Firmicutes.c\_Clostridia.o\_Lachnospirales.f\_Lachnospir

*FDR: 2.113e-01*  
*Coefficient: 1.97e+00*  
*Value: three*



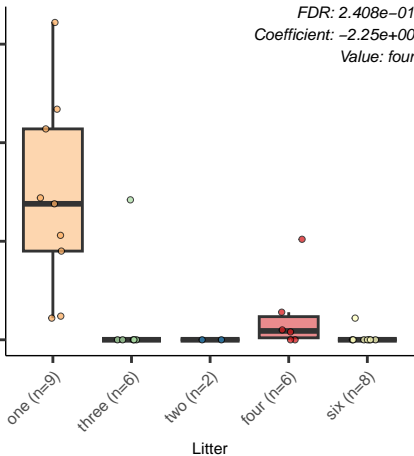


ia.p\_\_Firmicutes.c\_\_Bacilli.o\_\_Erysipelotrichales.f\_\_Erysipelotricha



bacteria.c\_\_Gammaproteobacteria.o\_\_Enterobacterales.f\_\_Enterob

*FDR: 2.408e-01*  
*Coefficient: -2.25e+00*  
*Value: four*



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

FDR: 2.452e-01  
Coefficient: -2.45e+00  
Value: two

100

50

0

one (n=9)

three (n=6)

two (n=2)

four (n=6)

six (n=8)

Litter

