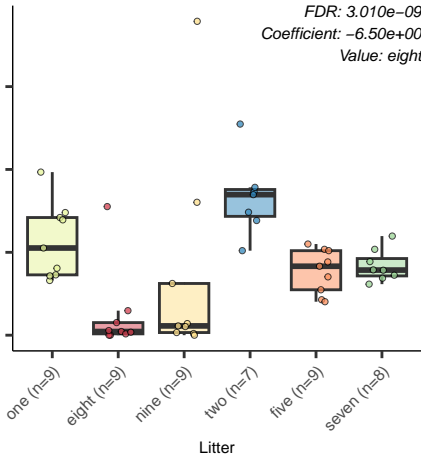
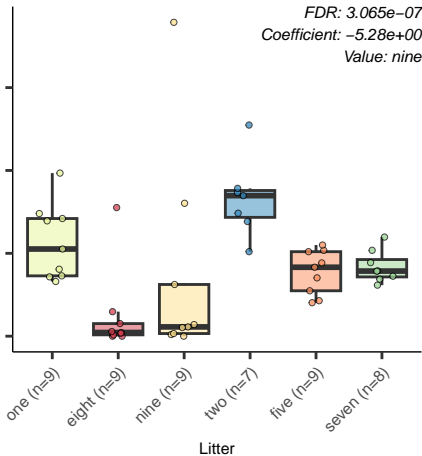


Proteobacteria.c__Gammaproteobacteria.o__Pseudomonadales.f__Pse

FDR: $3.010e-09$
Coefficient: $-6.50e+00$
Value: eight

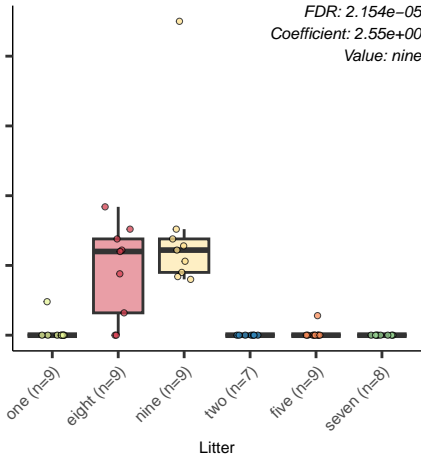


seobacteria.c__Gammaproteobacteria.o__Pseudomonadales.f__Pse

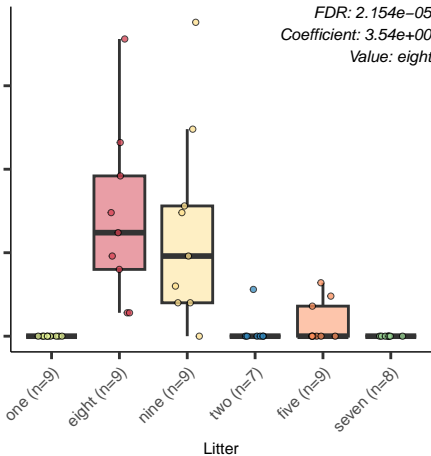


eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

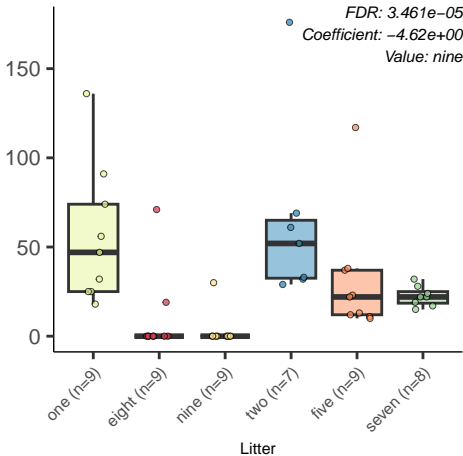
FDR: $2.154e-05$
Coefficient: $2.55e+00$
Value: nine



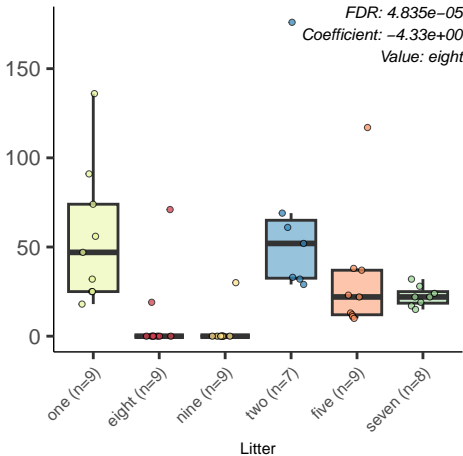
FDR: $2.154e-05$
Coefficient: $3.54e+00$
Value: eight

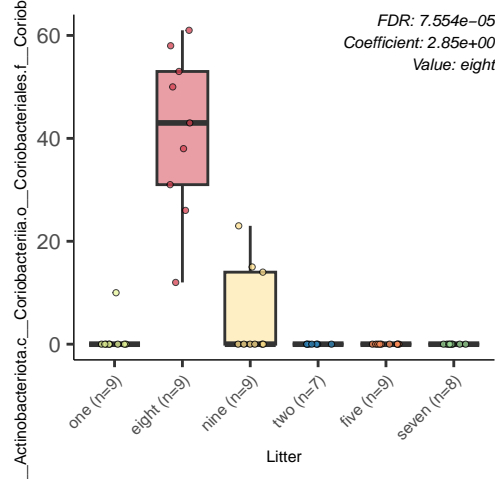


κ_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Listeria

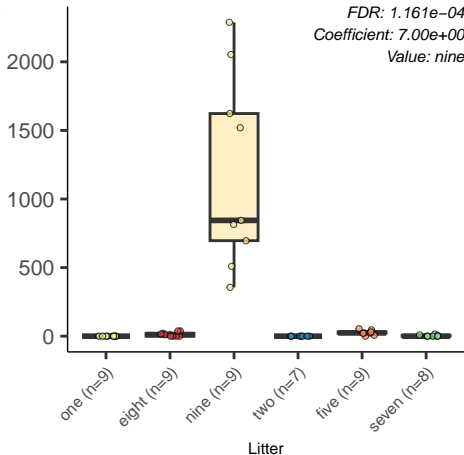


κ_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Listeria

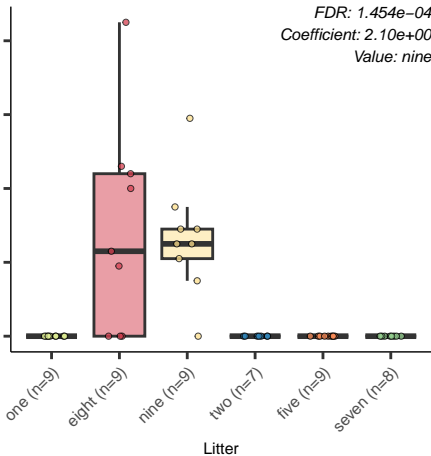




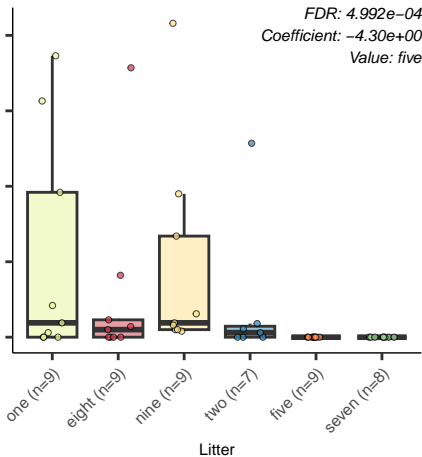
FDR: 1.161e-04
Coefficient: 7.00e+00
Value: nine



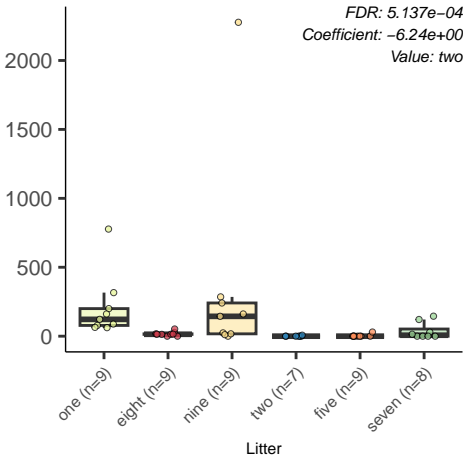
FDR: 1.454e-04
Coefficient: 2.10e+00
Value: nine



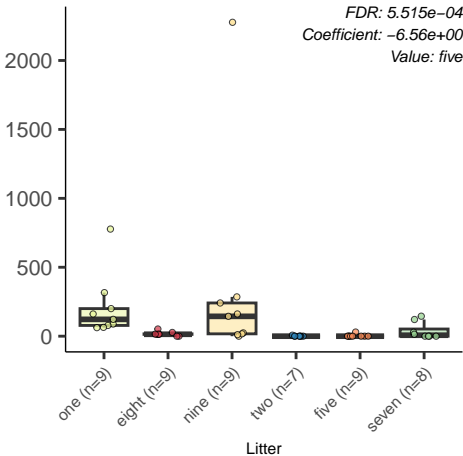
icutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__Pept



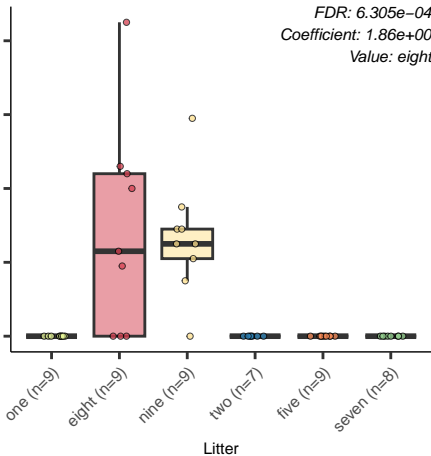
ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca



ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca

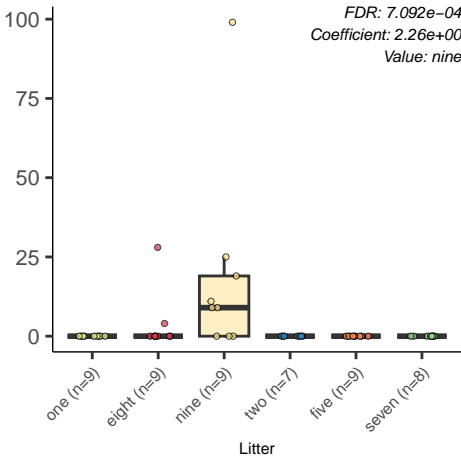


FDR: 6.305e-04
Coefficient: 1.86e+00
Value: eight



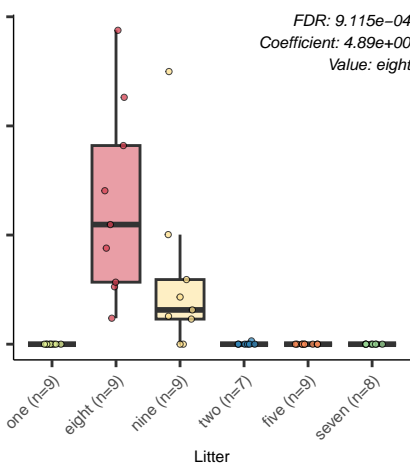
eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

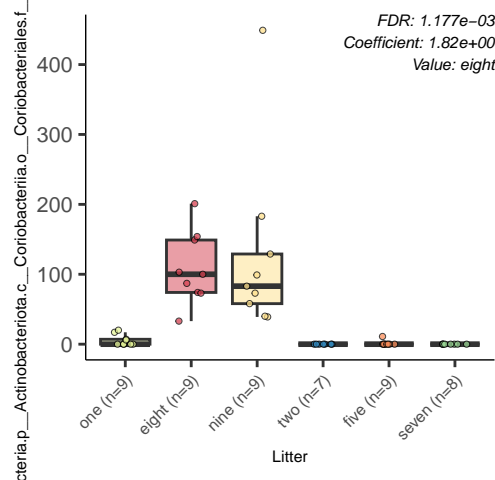
FDR: 7.092e-04
Coefficient: 2.26e+00
Value: nine



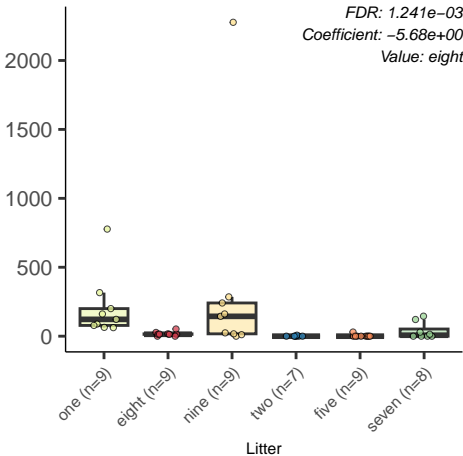
Bacteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnos

FDR: 9.115e-04
Coefficient: 4.89e+00
Value: eight



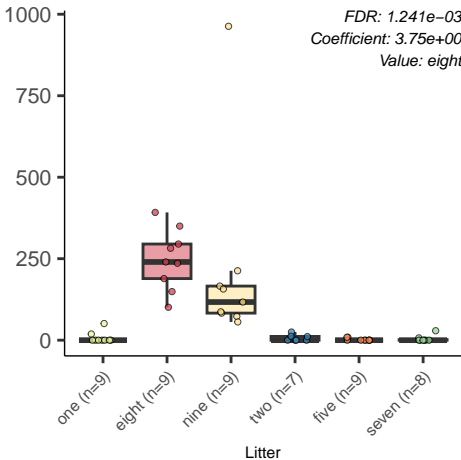


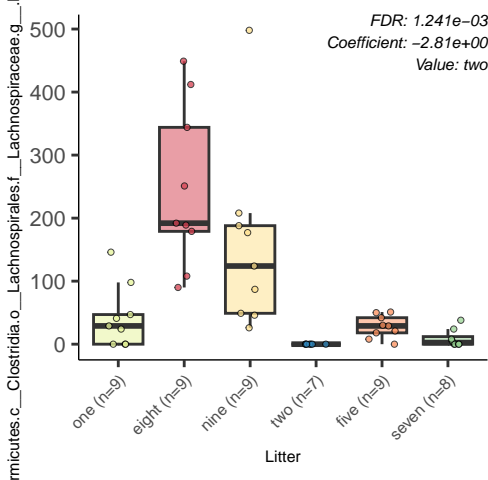
ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca



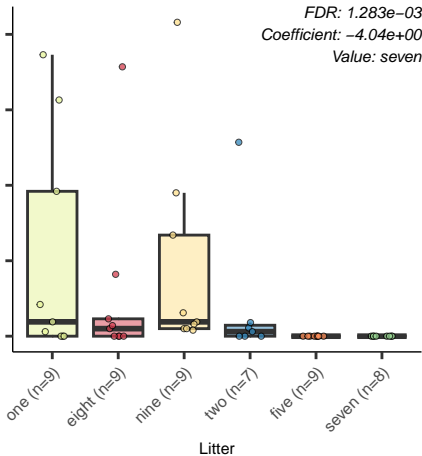
bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

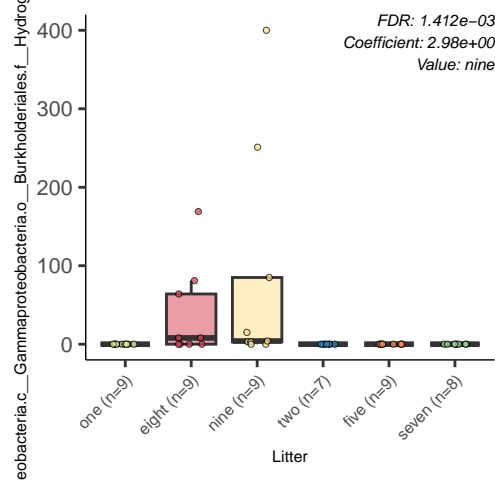
FDR: 1.241e-03
Coefficient: 3.75e+00
Value: eight

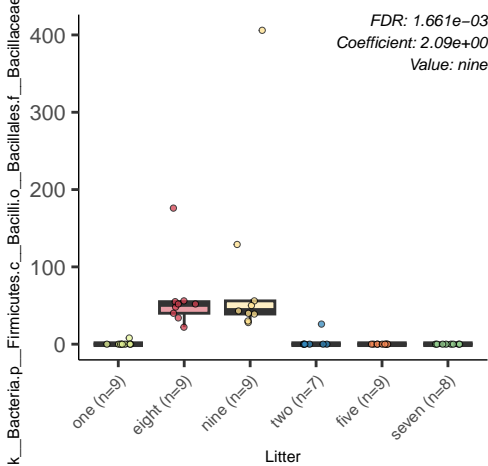


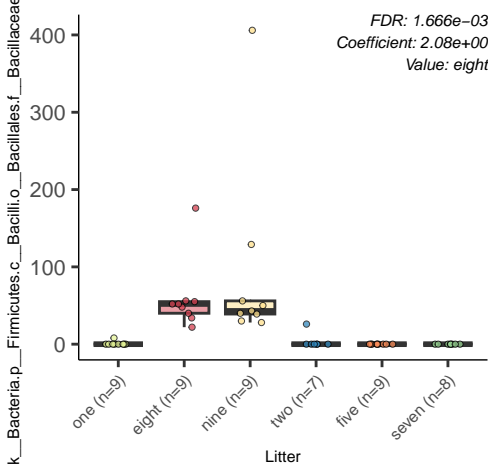


icutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__Pept









Actinobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Egger

FDR: $1.681e-03$
Coefficient: $-2.59e+00$
Value: five

600

400

200

0

one (n=9)

eight (n=9)

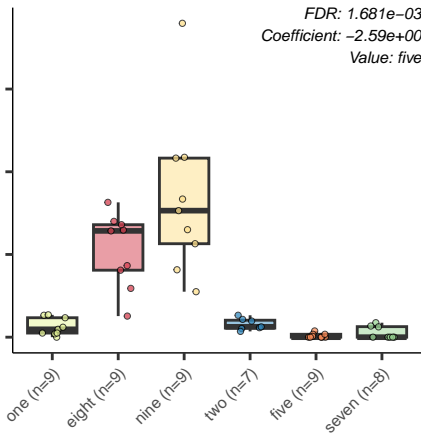
nine (n=9)

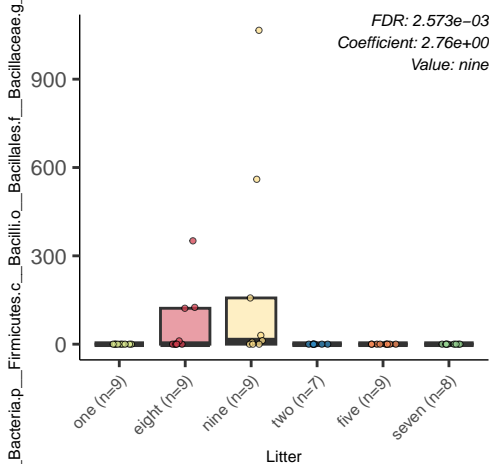
two (n=7)

five (n=9)

seven (n=8)

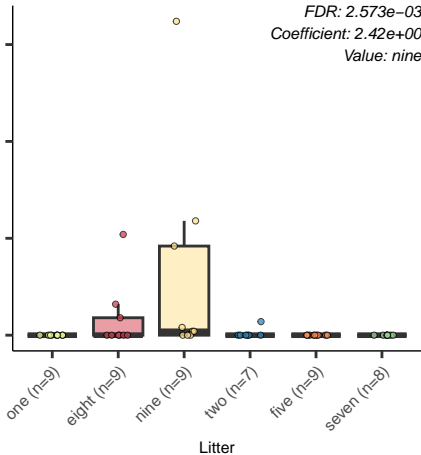
Litter

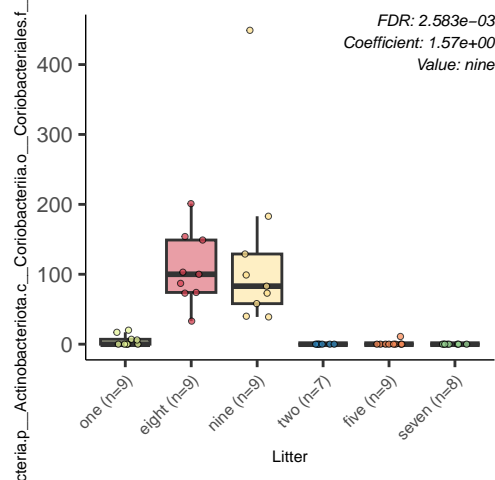


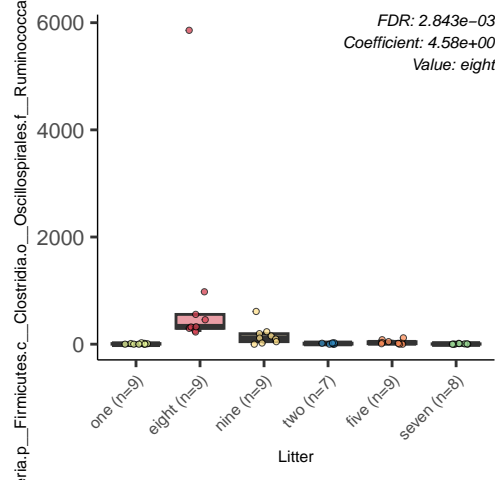


Proteobacteria.c__Alphaproteobacteria.o__Rhizobiales.f__Xanthob

FDR: 2.573e-03
Coefficient: 2.42e+00
Value: nine

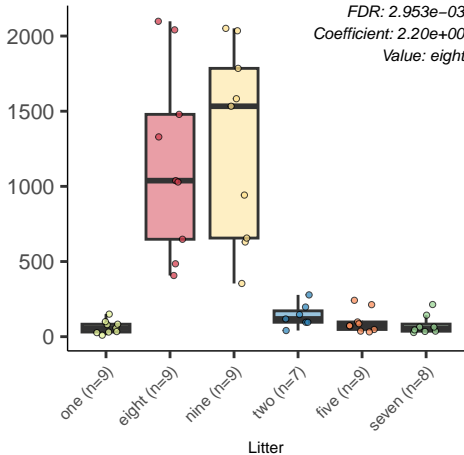


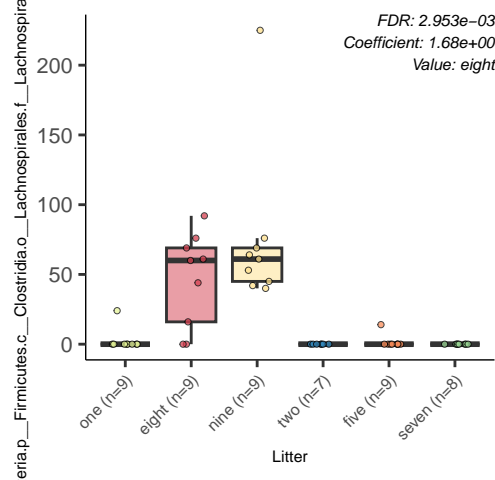




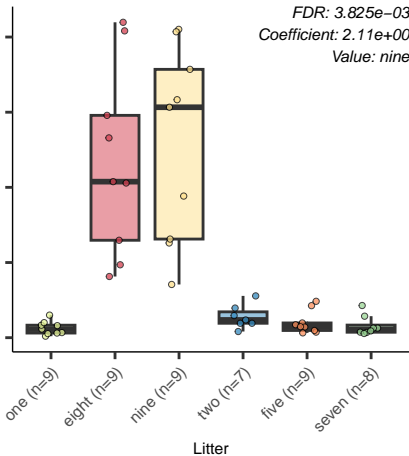
bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Riken

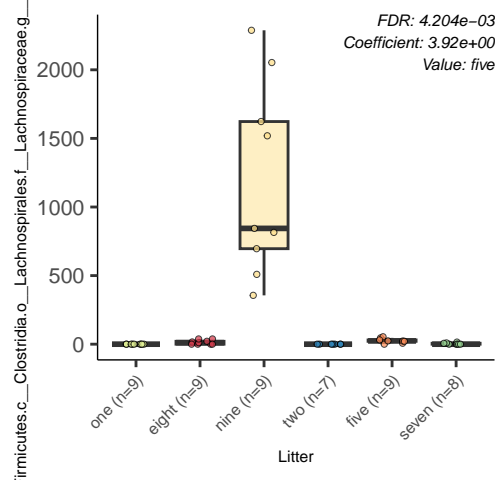
FDR: 2.953e-03
Coefficient: 2.20e+00
Value: eight

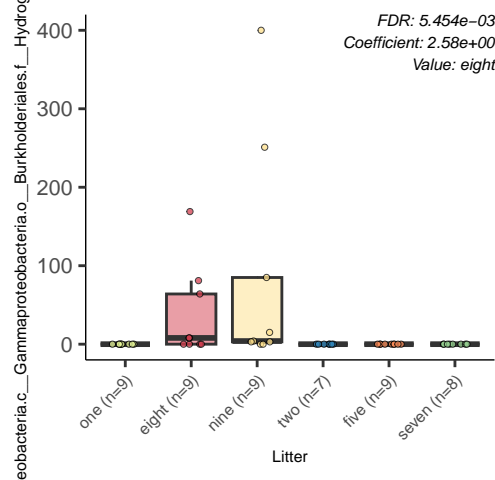




Value: nine

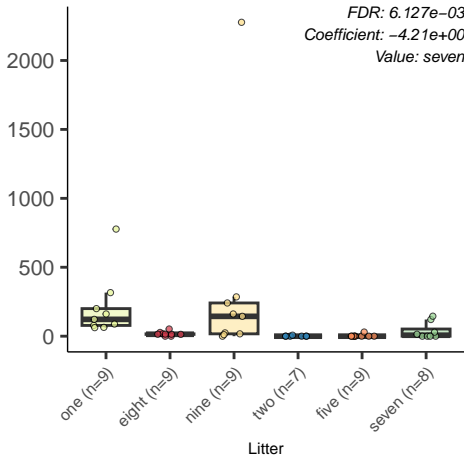




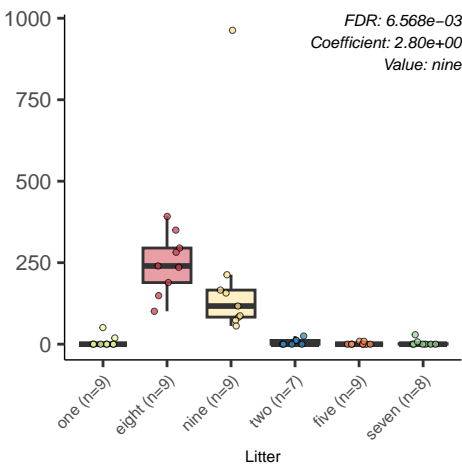


ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca

FDR: 6.127e-03
Coefficient: -4.21e+00
Value: seven

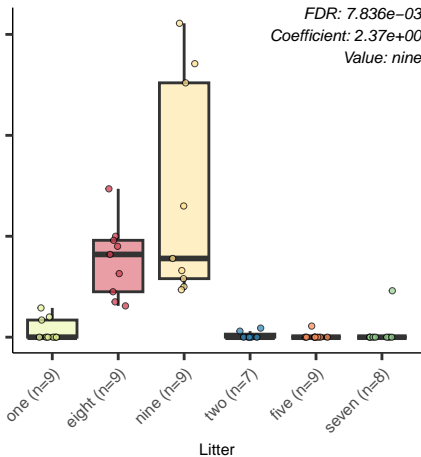


bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos



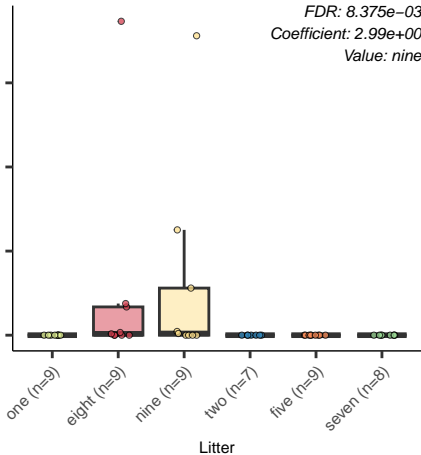
obacteria.c__Gammaproteobacteria.o__Enterobacterales.f__Enterob

FDR: 7.836e-03
Coefficient: 2.37e+00
Value: nine



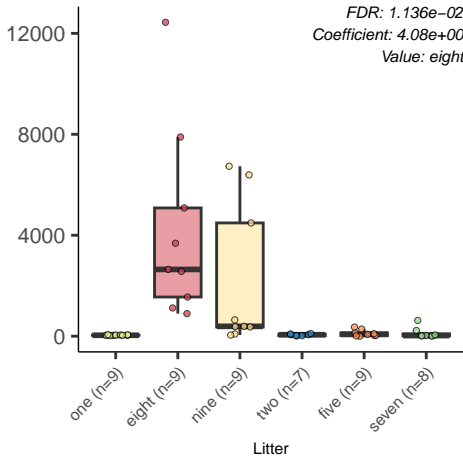
bacteria.p__Deinococcota.c__Deinococci.o__Thermales.f__Therma

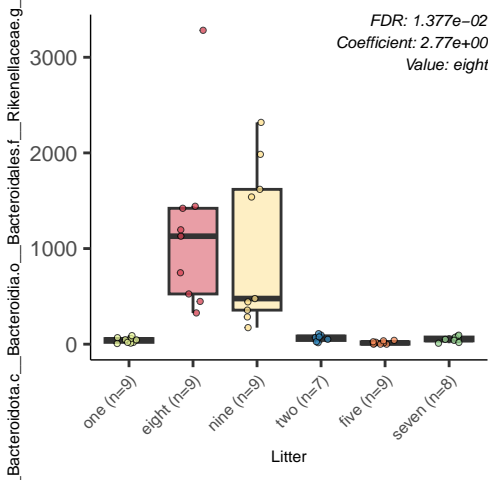
FDR: 8.375e-03
Coefficient: 2.99e+00
Value: nine



Verrucomicrobiota.c__Verrucomicrobiae.o__Verrucomicrobiales.f__Ak

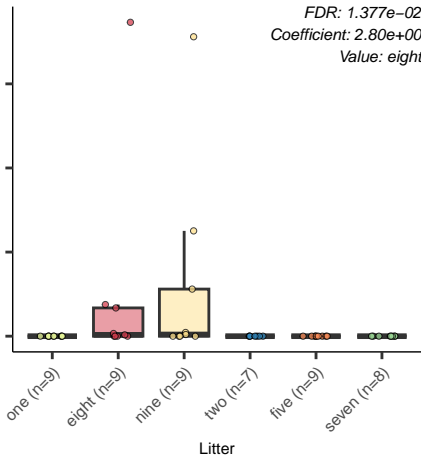
FDR: 1.136e-02
Coefficient: 4.08e+00
Value: eight

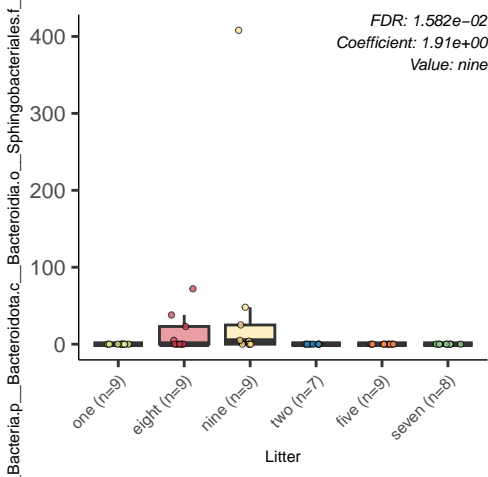




acteria.p__Deinococcota.c__Deinococci.o__Thermales.f__Therma

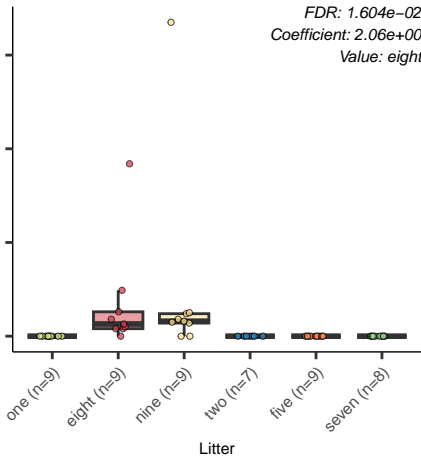
FDR: 1.377e-02
Coefficient: 2.80e+00
Value: eight

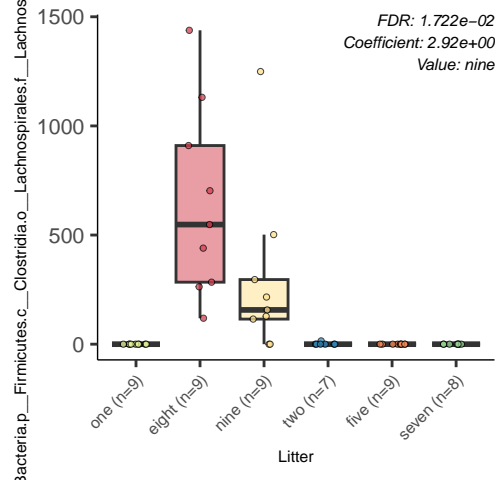




terial.p_Bacteroidota.c_Bacteroidia.o_Bacteroidales.f_Prevotellia

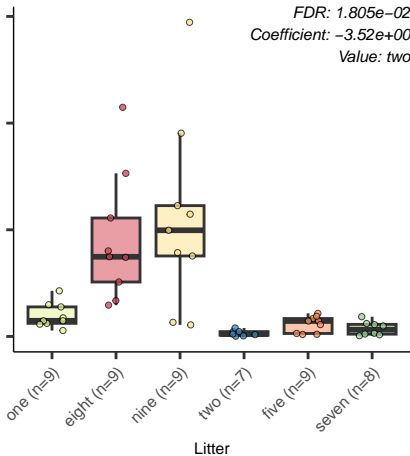
FDR: 1.604e-02
Coefficient: 2.06e+00
Value: eight





inobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Atopobiaceae

FDR: $1.805e-02$
Coefficient: $-3.52e+00$
Value: two



Actinobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Egger

FDR: $2.003e-02$
Coefficient: $-2.01e+00$
Value: seven

600

200

0

one (n=9)

eight (n=9)

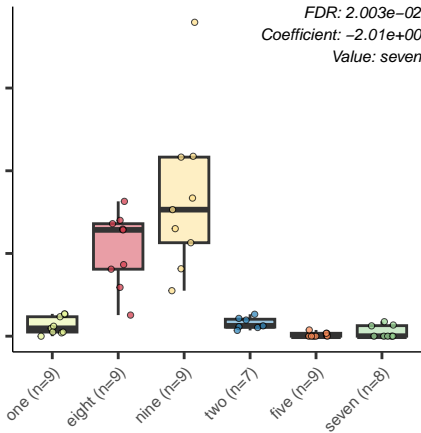
nine (n=9)

two (n=7)

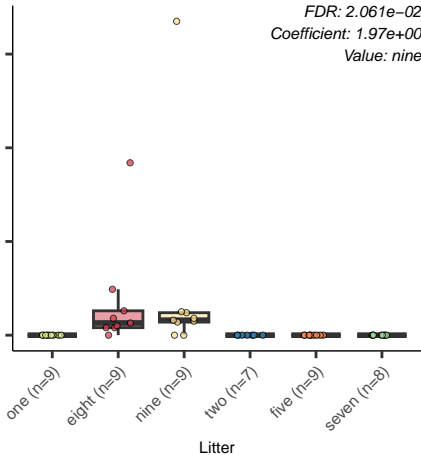
five (n=9)

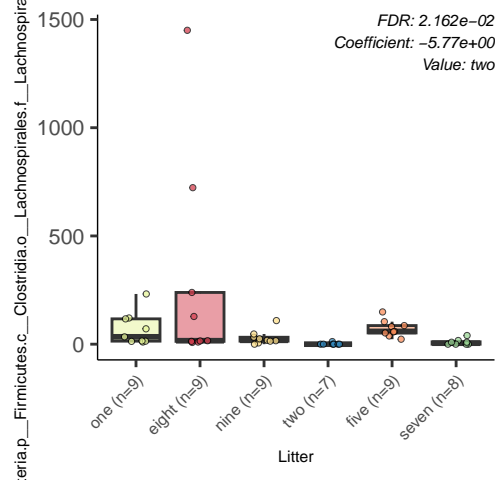
seven (n=8)

Litter



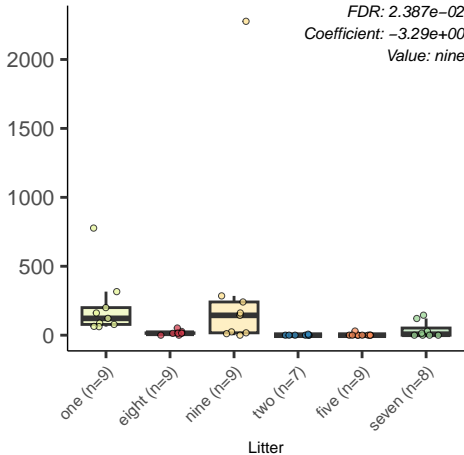
FDR: 2.061e-02
Coefficient: 1.97e+00
Value: nine





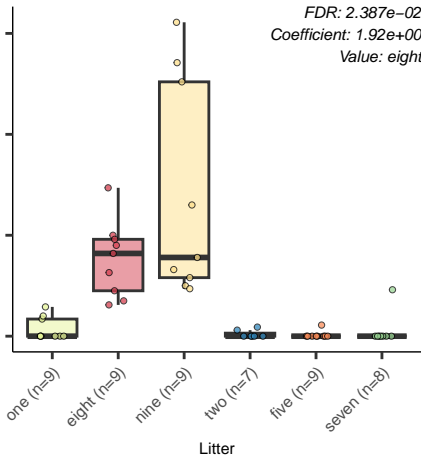
ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca

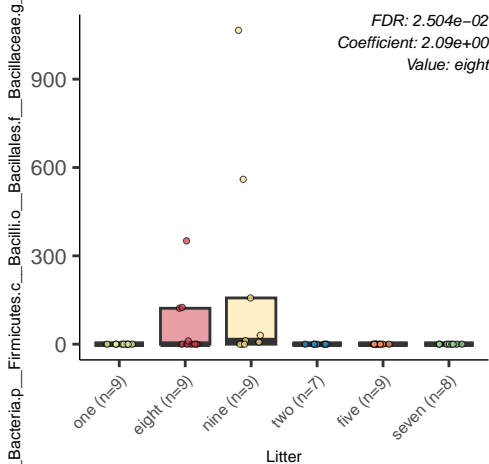
FDR: 2.387e-02
Coefficient: -3.29e+00
Value: nine



obacteria.c__Gammaproteobacteria.o__Enterobacterales.f__Enterob

FDR: 2.387e-02
Coefficient: 1.92e+00
Value: eight





Actinobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Egger

FDR: 2.519e-02
Coefficient: 1.87e+00
Value: nine

600
400
200
0

one (n=9)

eight (n=9)

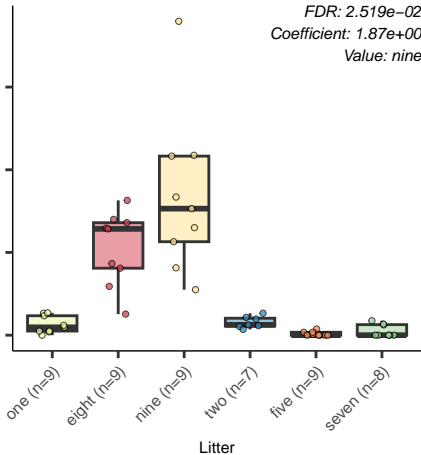
nine (n=9)

two (n=7)

five (n=9)

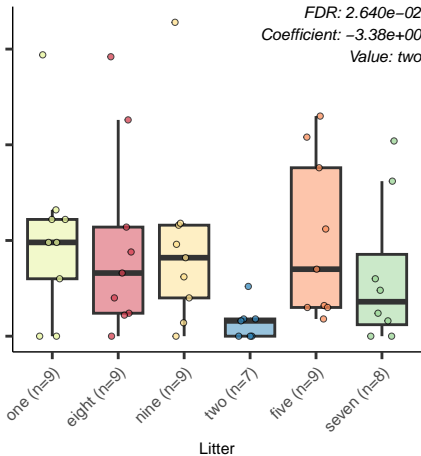
seven (n=8)

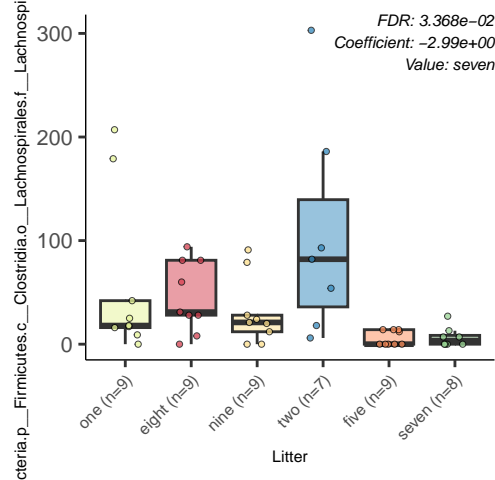
Litter



cteria.p_Firmicutes.c__Clostridia.o__Oscillospirales.f__Butyrivibrio

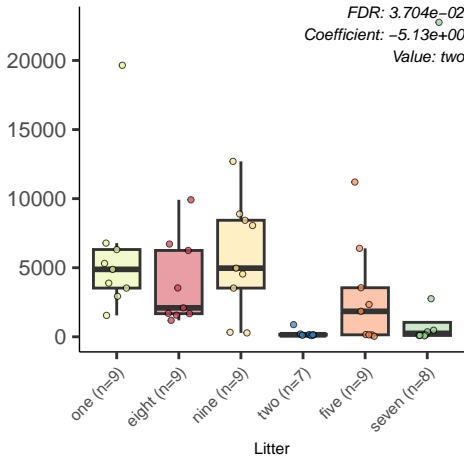
FDR: 2.640e-02
Coefficient: -3.38e+00
Value: two



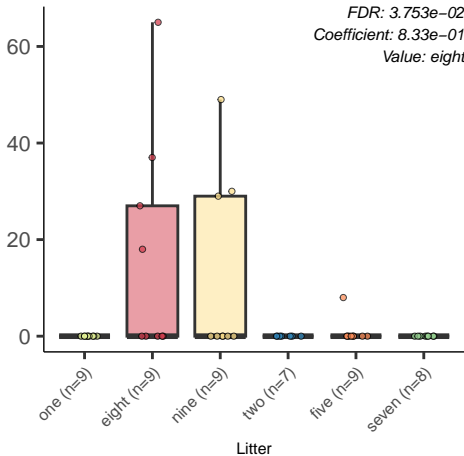


ia.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotricha

FDR: $3.704e-02$
Coefficient: $-5.13e+00$
Value: two

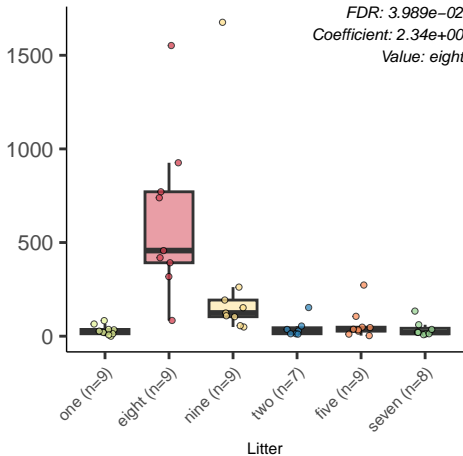


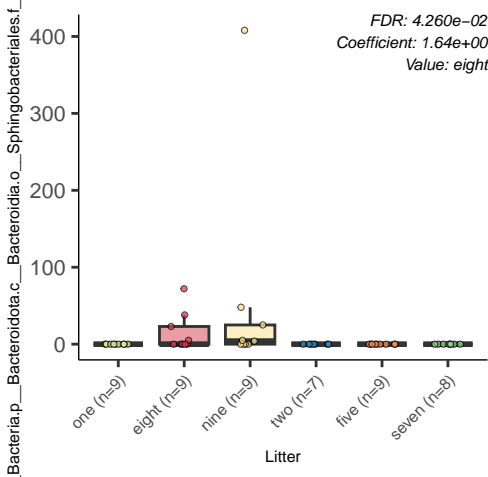
FDR: 3.753e-02
Coefficient: 8.33e-01
Value: eight



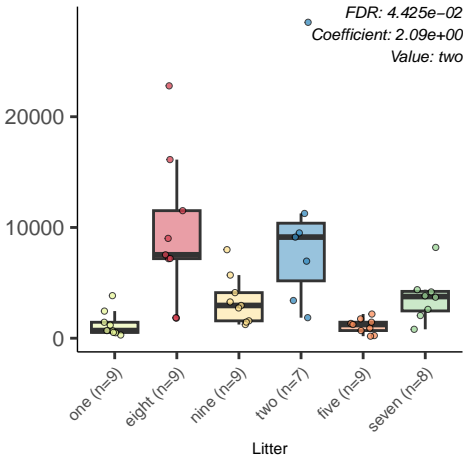
Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelatoclostridia

FDR: 3.989e-02
Coefficient: 2.34e+00
Value: eight



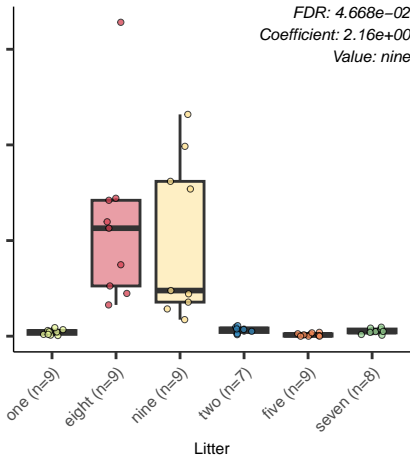


Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

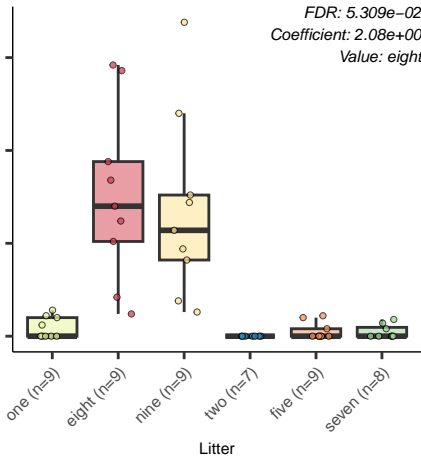


Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Rikenellaceae.g

FDR: 4.668e-02
Coefficient: 2.16e+00
Value: nine

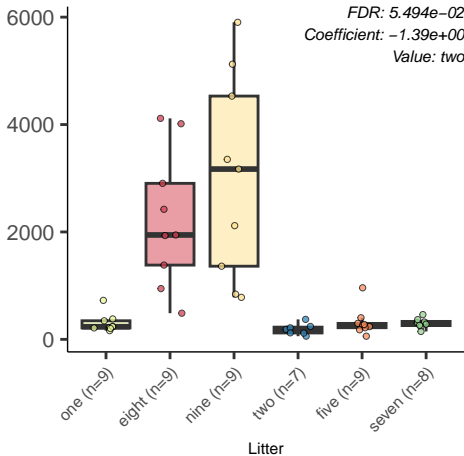


FDR: 5.309e-02
Coefficient: 2.08e+00
Value: eight



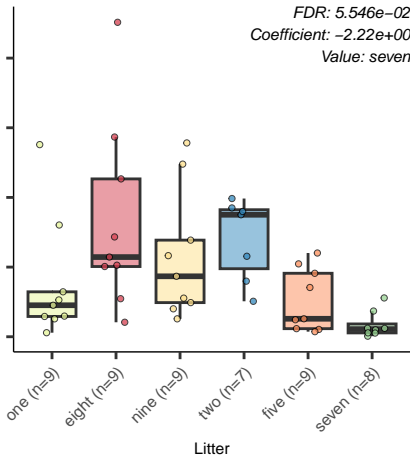
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__S

FDR: $5.494e-02$
Coefficient: $-1.39e+00$
Value: two

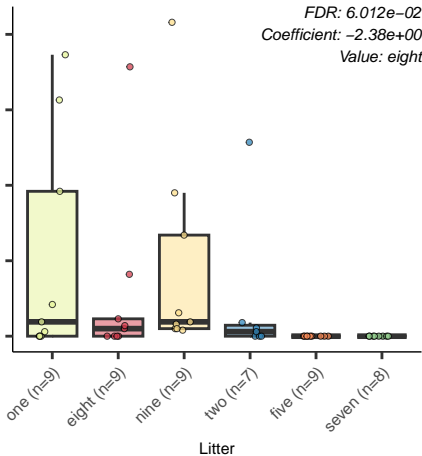


acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae

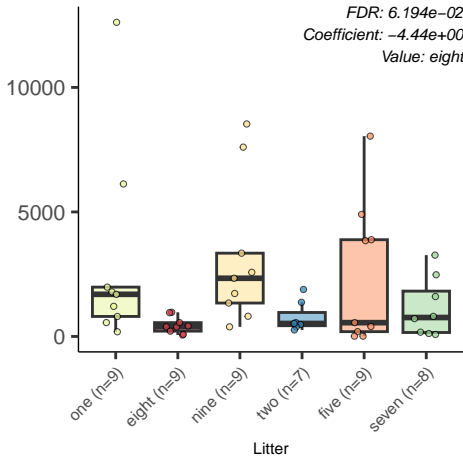
FDR: $5.546e-02$
Coefficient: $-2.22e+00$
Value: seven



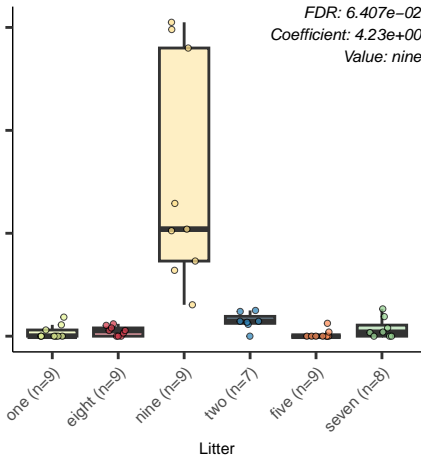
icutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__Pept



FDR: $6.194e-02$
Coefficient: $-4.44e+00$
Value: eight

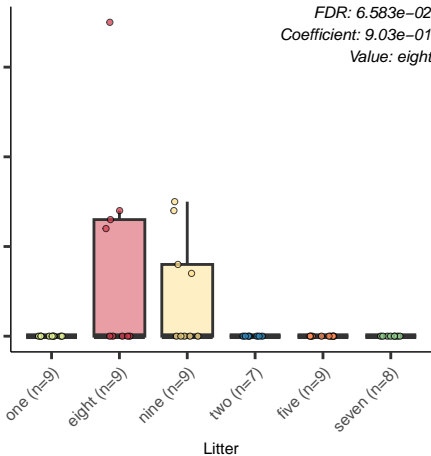


FDR: $6.407e-02$
Coefficient: $4.23e+00$
Value: nine

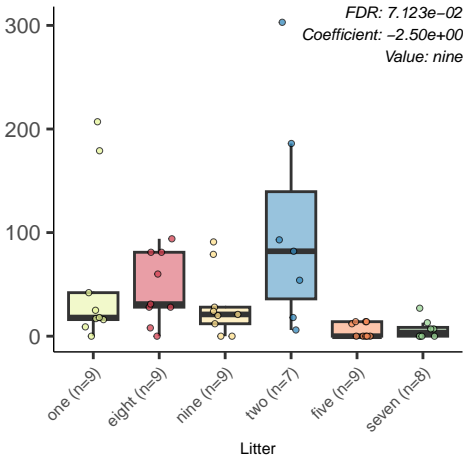


Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

FDR: 6.583e-02
Coefficient: 9.03e-01
Value: eight

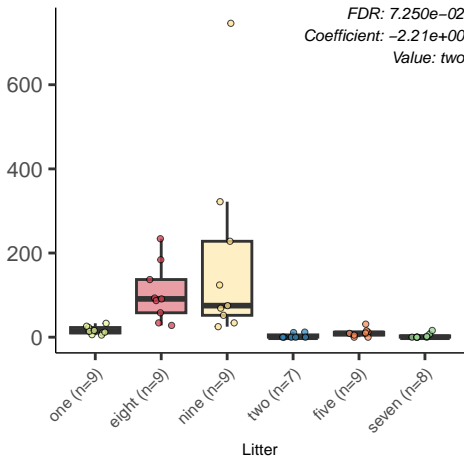


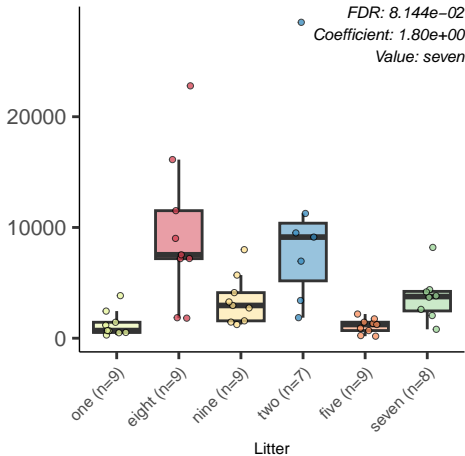
acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp



α_Bacteria.p__Proteobacteria.c__Alphaproteobacteria.o__Rhodospirillum rubrum

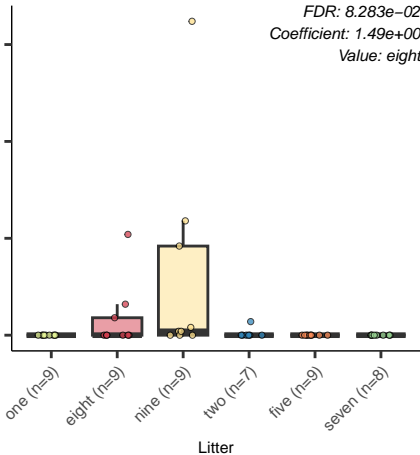
FDR: $7.250e-02$
Coefficient: $-2.21e+00$
Value: two



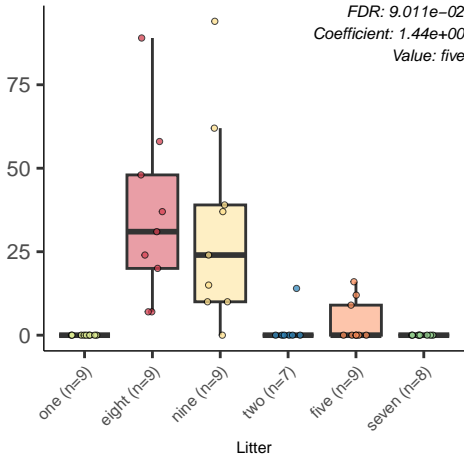


Proteobacteria.c__Alphaproteobacteria.o__Rhizobiales.f__Xanthob

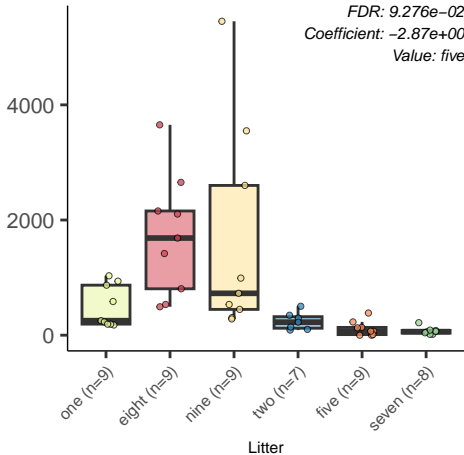
FDR: 8.283e-02
Coefficient: 1.49e+00
Value: eight



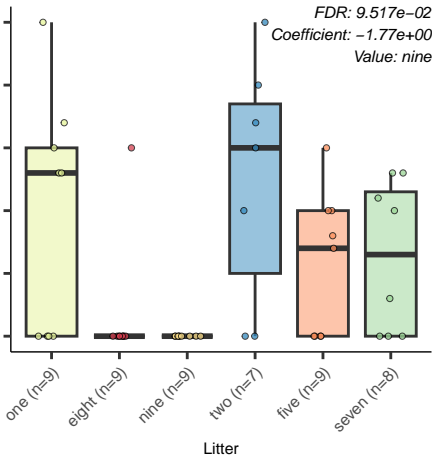
FDR: $9.011\text{e-}02$
Coefficient: $1.44\text{e}+00$
Value: five



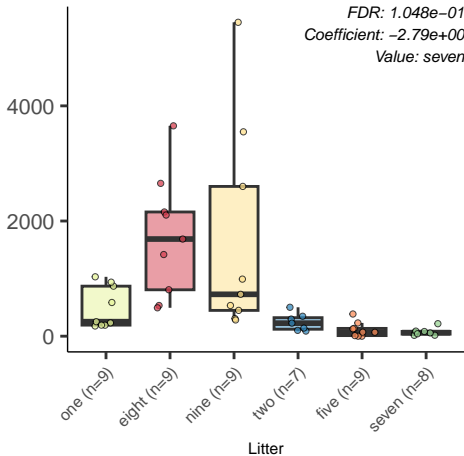
FDR: $9.276e-02$
Coefficient: $-2.87e+00$
Value: five

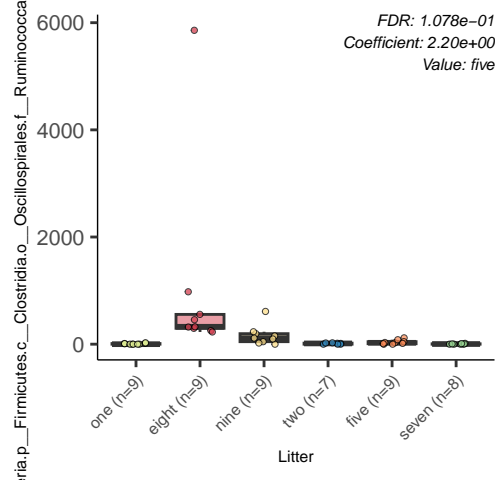


teria.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric



FDR: 1.048e-01
Coefficient: -2.79e+00
Value: seven





Actinobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Egger

FDR: 1.081e-01
Coefficient: 1.45e+00
Value: eight

600

200

0

one (n=9)

eight (n=9)

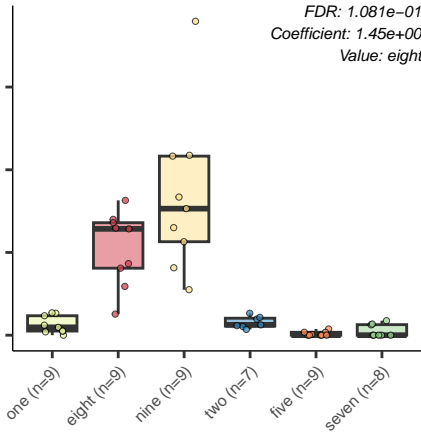
nine (n=9)

two (n=7)

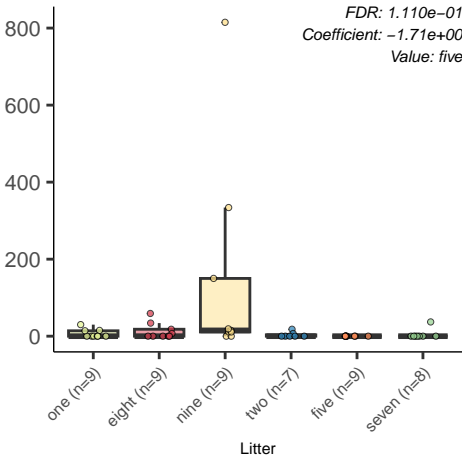
five (n=9)

seven (n=8)

Litter

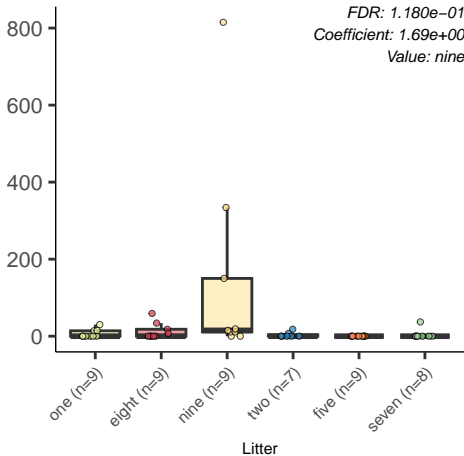


acteria.p__Firmicutes.c__Bacilli.o__Lactobacillales.f__Enterococcaceae

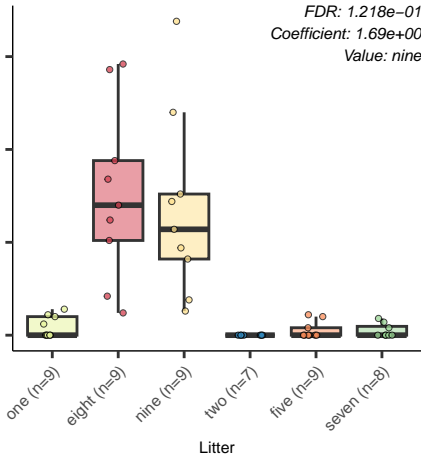


cteria.p__Firmicutes.c__Bacilli.o__Lactobacillales.f__Enterococcaceae

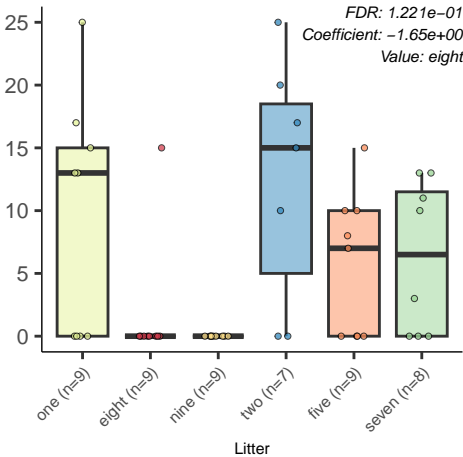
FDR: 1.180e-01
Coefficient: 1.69e+00
Value: nine

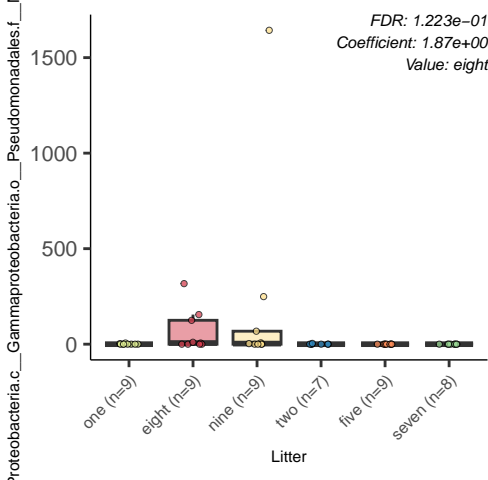


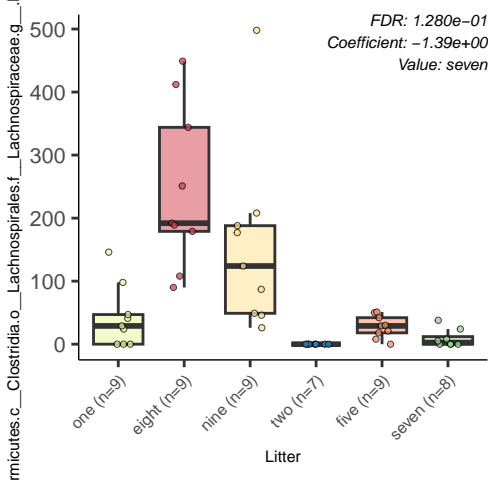
FDR: 1.218e-01
Coefficient: 1.69e+00
Value: nine



terial.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric

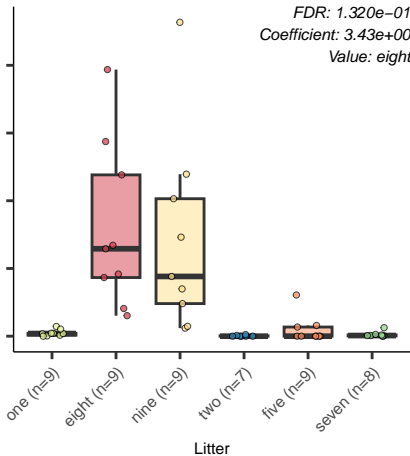






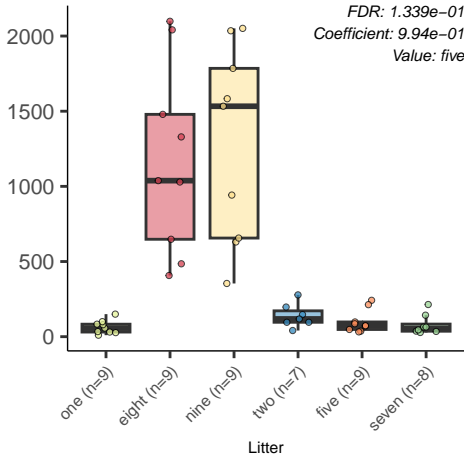
Actinobacteriota.c__Actinobacteria.o__Bifidobacteriales.f__Bifidoba

FDR: 1.320e-01
Coefficient: 3.43e+00
Value: eight



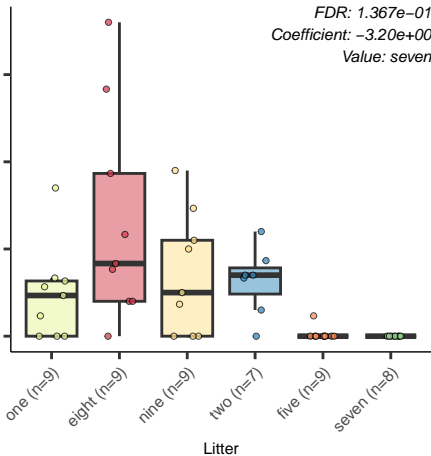
bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Riken

FDR: 1.339e-01
Coefficient: 9.94e-01
Value: five



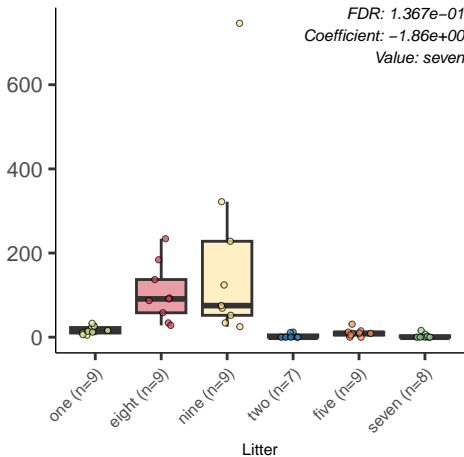
acteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminococ

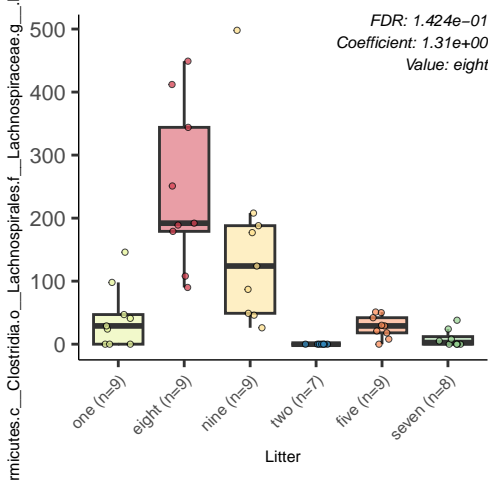
FDR: 1.367e-01
Coefficient: -3.20e+00
Value: seven

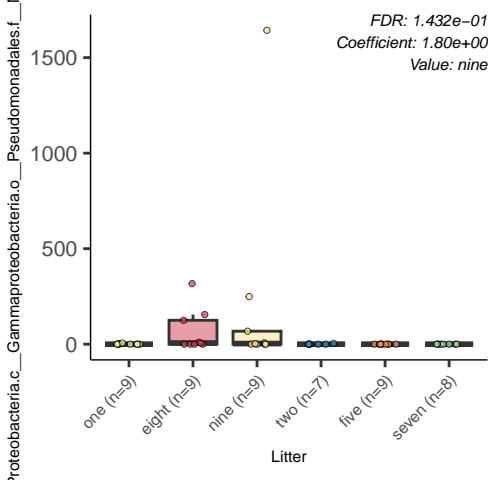


α_Bacteria.p__Proteobacteria.c__Alphaproteobacteria.o__Rhodospirillum rubrum

FDR: 1.367e-01
Coefficient: -1.86e+00
Value: seven

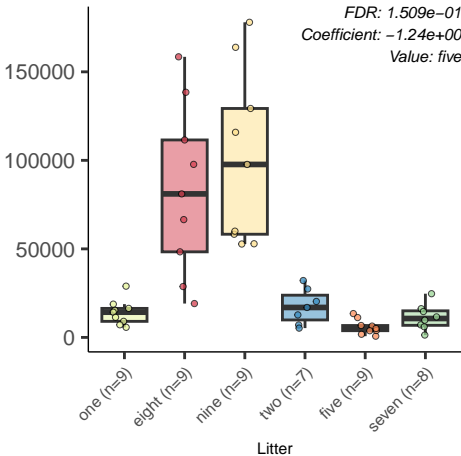






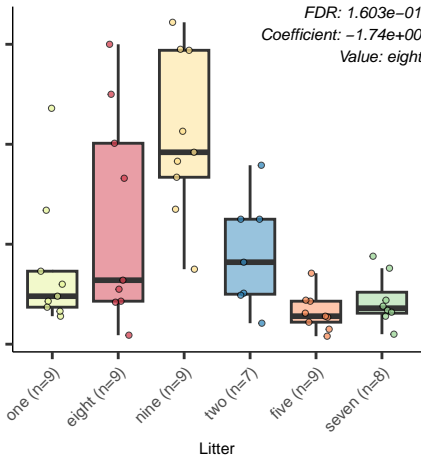
Bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Mu

FDR: 1.509e-01
Coefficient: -1.24e+00
Value: five



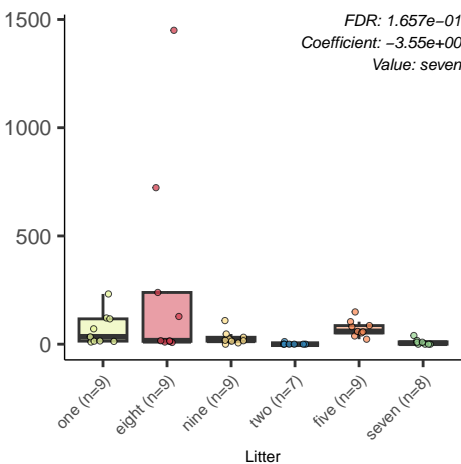
acteria.p_Bacteroidota.c_Bacteroidia.o_Bacteroidales.f_Marinifila

FDR: 1.603e-01
Coefficient: -1.74e+00
Value: eight



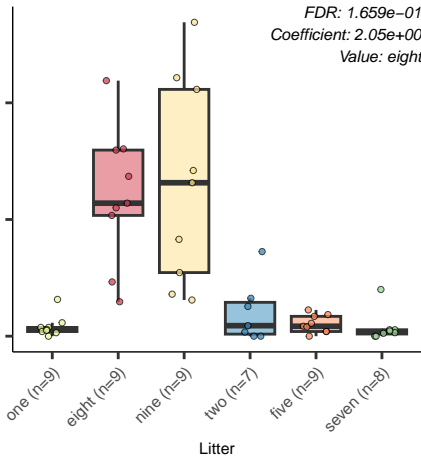
eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

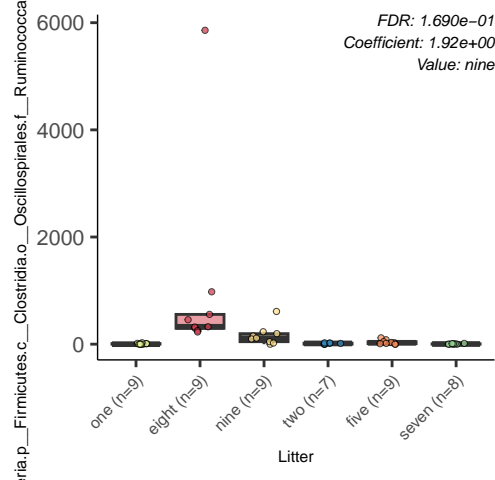
FDR: 1.657e-01
Coefficient: -3.55e+00
Value: seven



Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipe

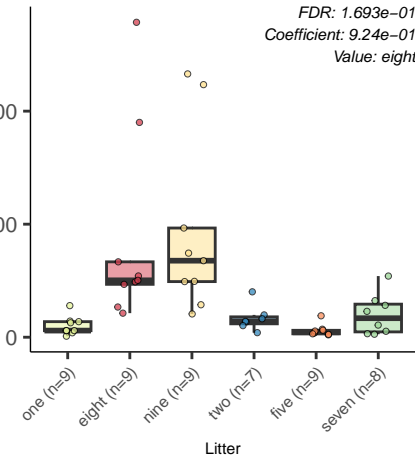
FDR: 1.659e-01
Coefficient: 2.05e+00
Value: eight





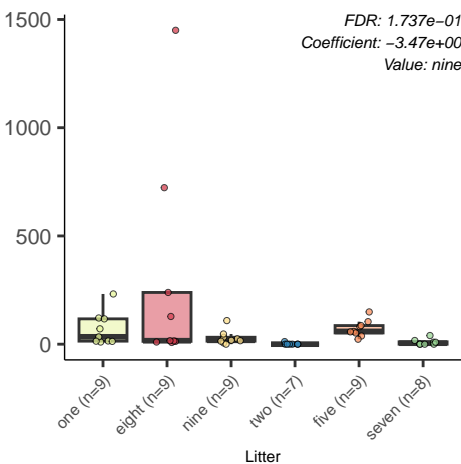
rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

FDR: $1.693\text{e-}01$
Coefficient: $9.24\text{e-}01$
Value: eight



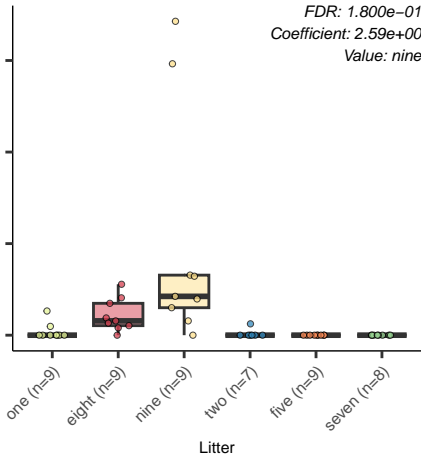
eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 1.737e-01
Coefficient: -3.47e+00
Value: nine



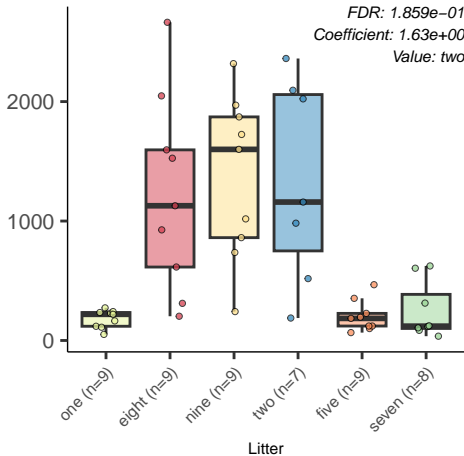
bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospira

FDR: 1.800e-01
Coefficient: 2.59e+00
Value: nine

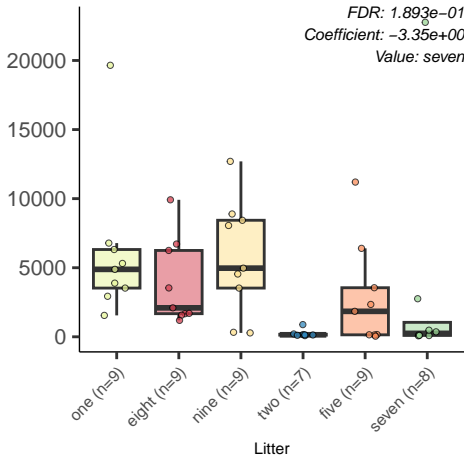


acteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillospira

FDR: 1.859e-01
Coefficient: 1.63e+00
Value: two

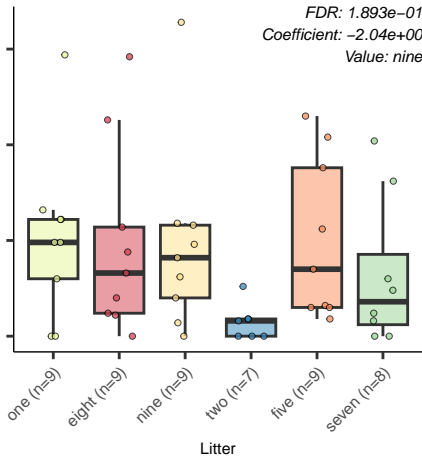


FDR: $1.893e-01$
Coefficient: $-3.35e+00$
Value: seven



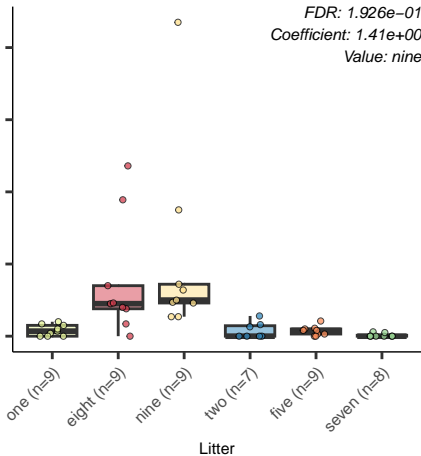
cteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Butyricico

FDR: 1.893e-01
Coefficient: -2.04e+00
Value: nine



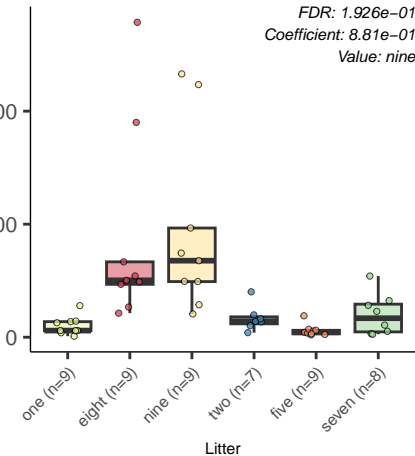
acteria.p__Firmicutes.c__Bacilli.o__Lactobacillales.f__Streptococcaceae

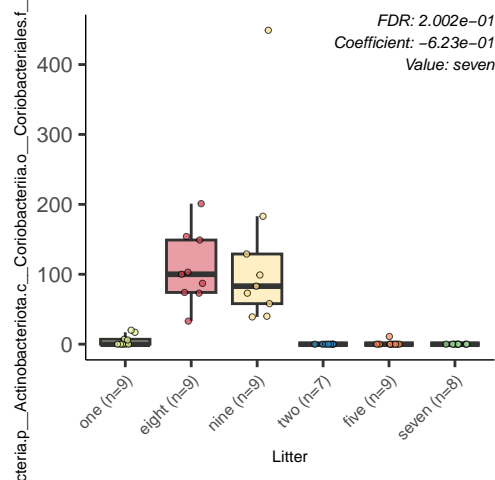
FDR: 1.926e-01
Coefficient: 1.41e+00
Value: nine



rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

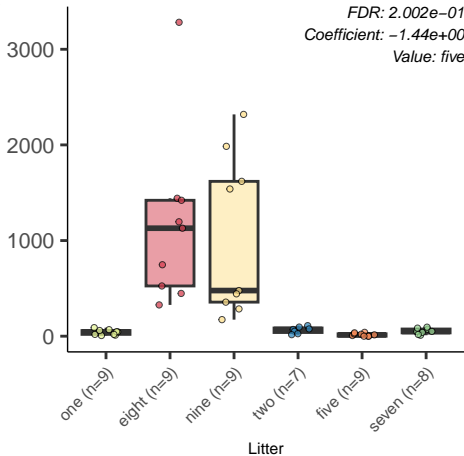
FDR: 1.926e-01
Coefficient: 8.81e-01
Value: nine

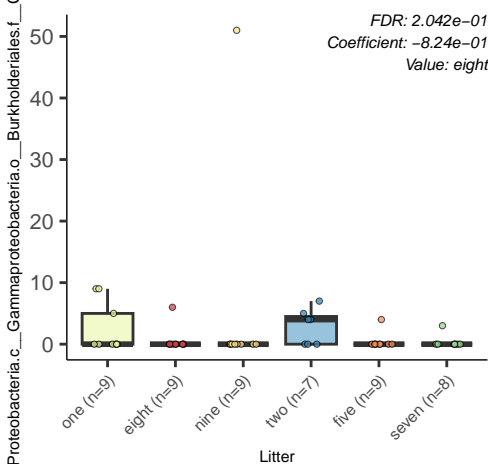




Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Rikenellaceae.g

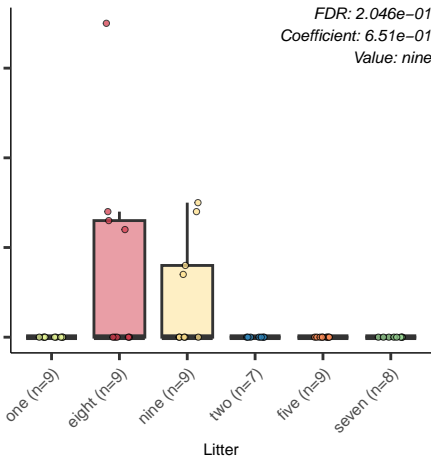
FDR: 2.002e-01
Coefficient: -1.44e+00
Value: five



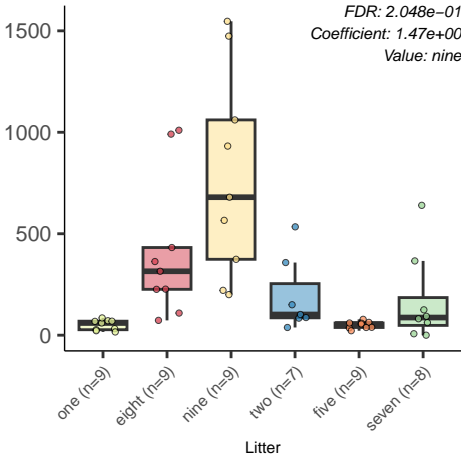


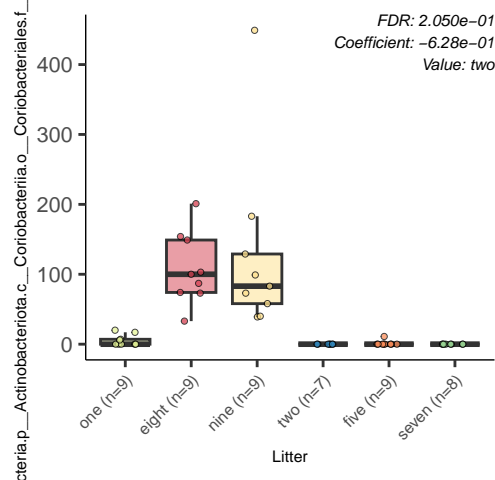
Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

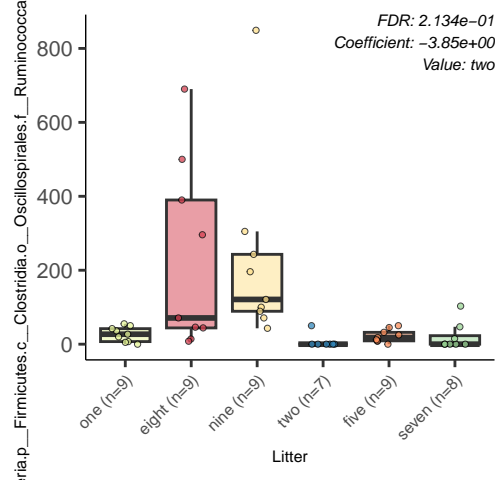
FDR: 2.046e-01
Coefficient: 6.51e-01
Value: nine



FDR: 2.048e-01
Coefficient: 1.47e+00
Value: nine

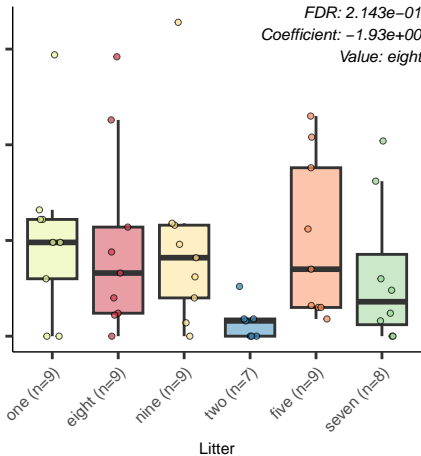




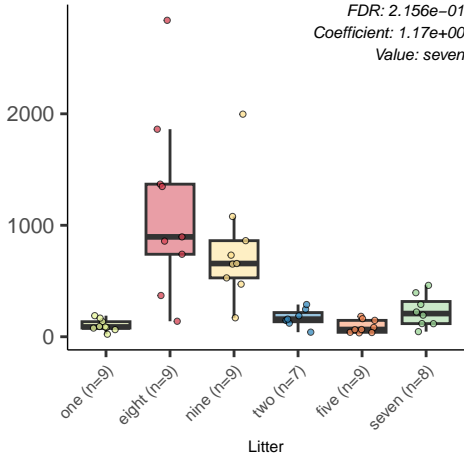


cteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Butyricico

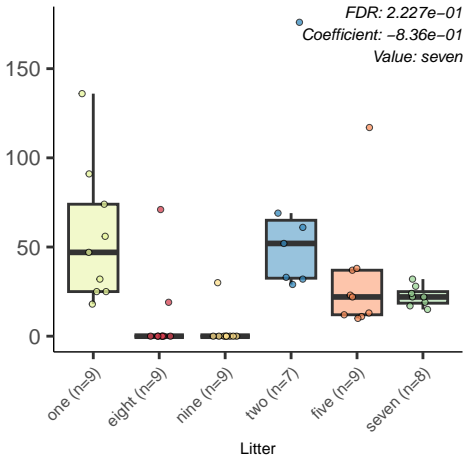
FDR: 2.143e-01
Coefficient: -1.93e+00
Value: eight



FDR: 2.156e-01
Coefficient: 1.17e+00
Value: seven

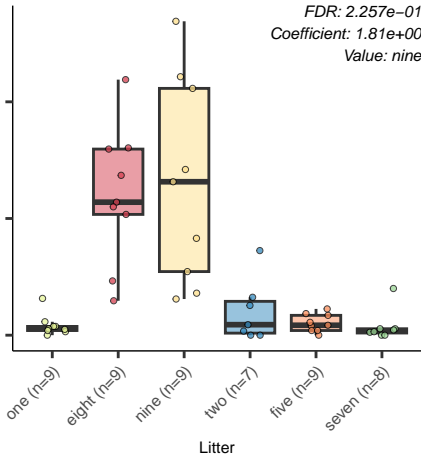


κ_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Listeria



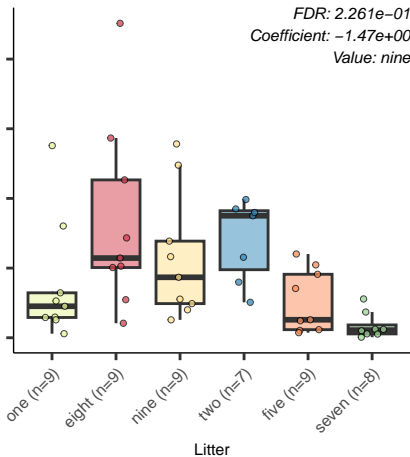
Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipe

FDR: 2.257e-01
Coefficient: 1.81e+00
Value: nine

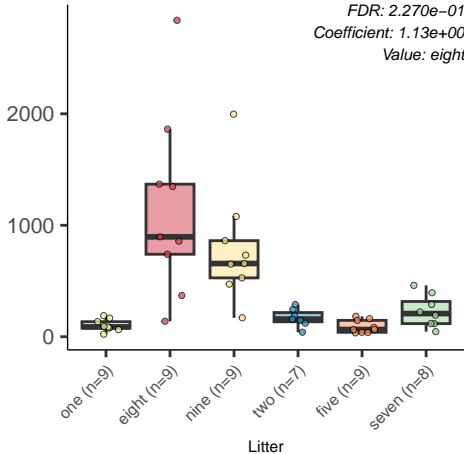


acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp

FDR: 2.261e-01
Coefficient: -1.47e+00
Value: nine

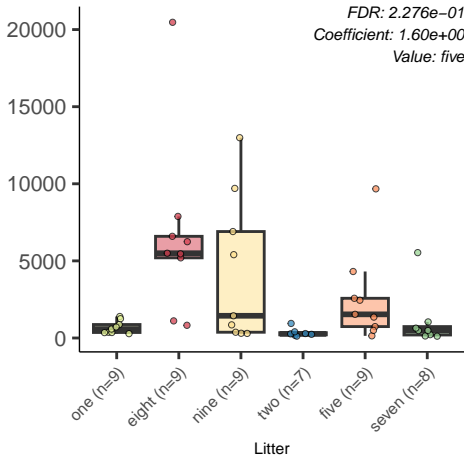


FDR: 2.270e-01
Coefficient: 1.13e+00
Value: eight



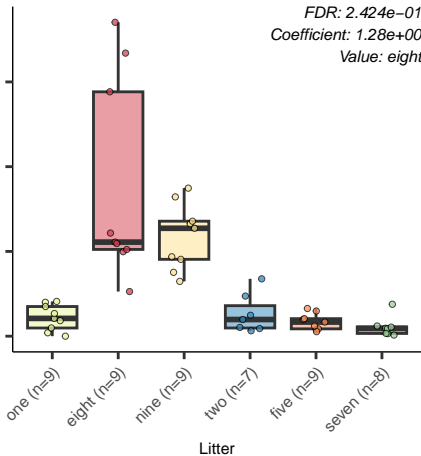
acteria.p__Firmicutes.c__Bacilli.o__Lactobacillales.f__Lactobacillace

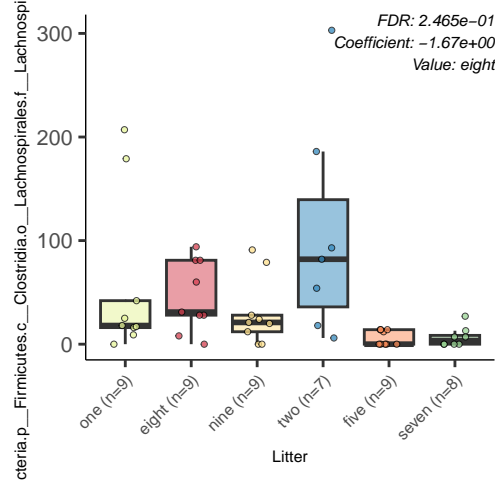
FDR: 2.276e-01
Coefficient: 1.60e+00
Value: five



κ_Bacteria.p__Cyanobacteria.c__Vampirivibronia.o__Gastranaero

FDR: 2.424e-01
Coefficient: 1.28e+00
Value: eight





eria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospiraceae

FDR: 2.465e-01
Coefficient: 1.75e+00
Value: eight

