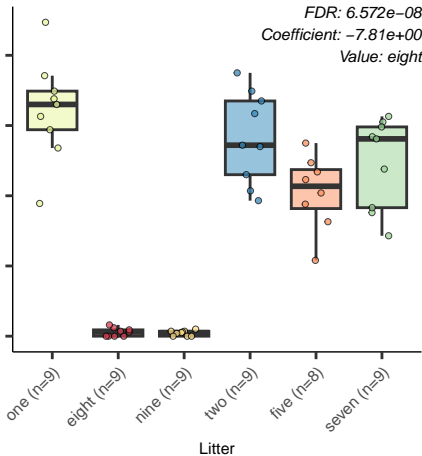
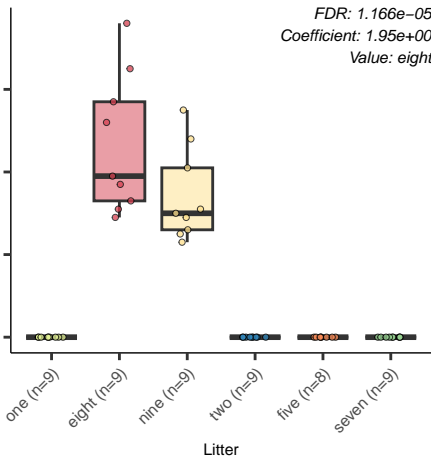


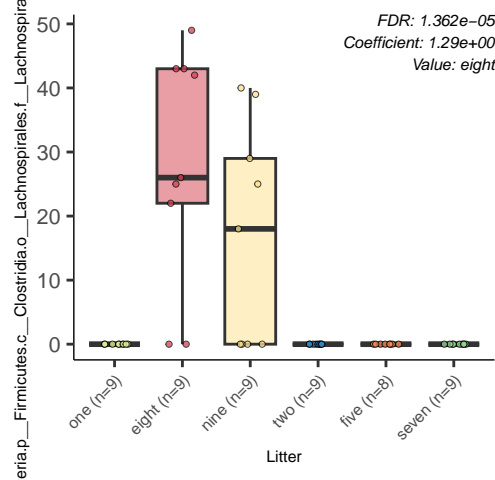
teobacteria.c__Gammaproteobacteria.o__Pseudomonadales.f__Pse



k__Bacteria.p__Firmicutes.c__Bacilli.o__Bacillales.f__Bacillaceae

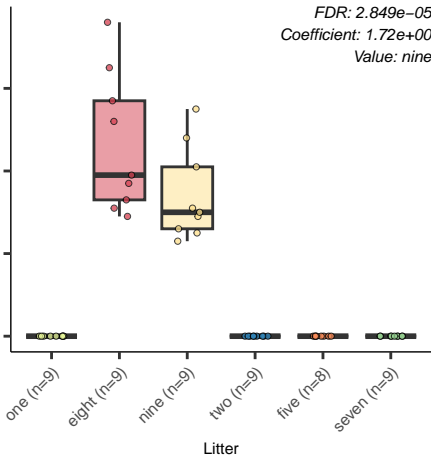
FDR: 1.166e-05
Coefficient: 1.95e+00
Value: eight





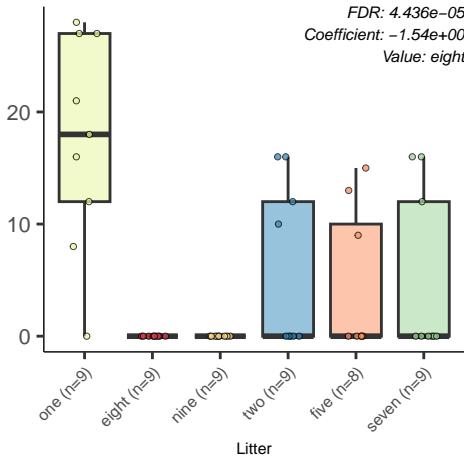
k__Bacteria.p__Firmicutes.c__Bacilli.o__Bacillales.f__Bacillaceae

FDR: 2.849e-05
Coefficient: 1.72e+00
Value: nine



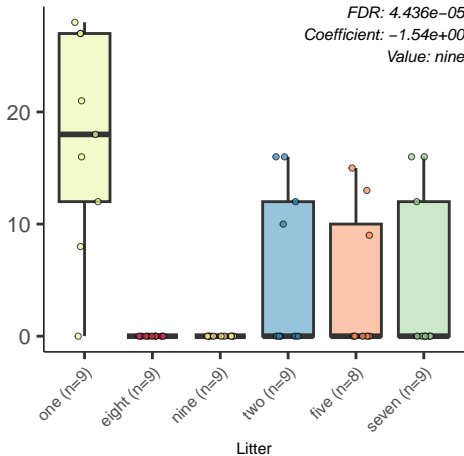
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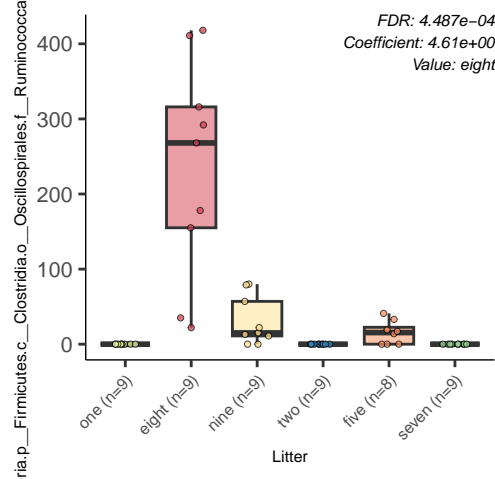
FDR: 4.436e-05
Coefficient: -1.54e+00
Value: eight



terial.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric

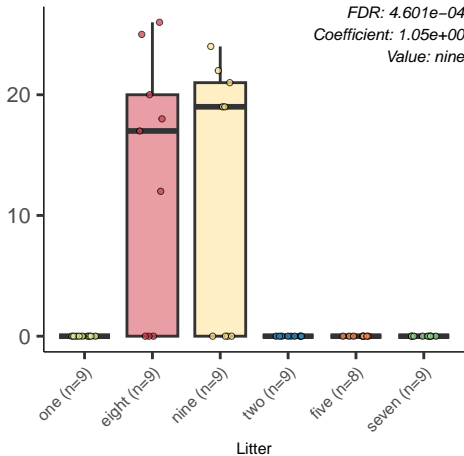
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Value: nine





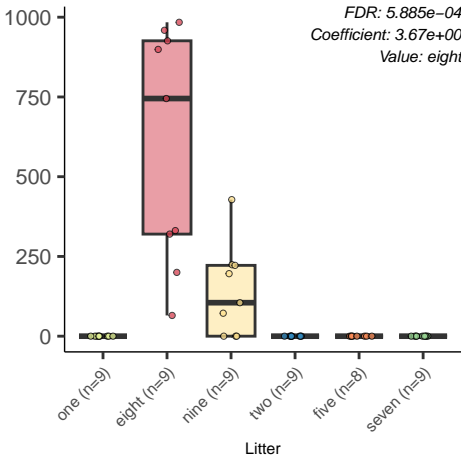
ria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 4.601e-04
Coefficient: 1.05e+00
Value: nine

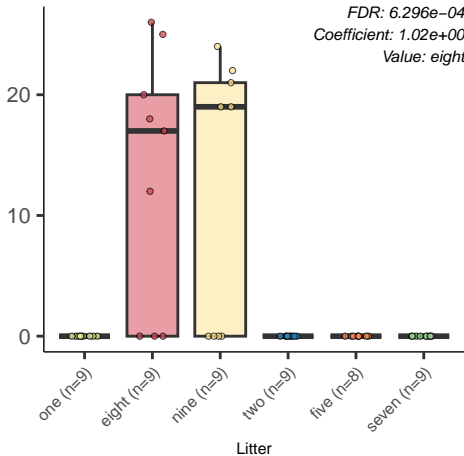


Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

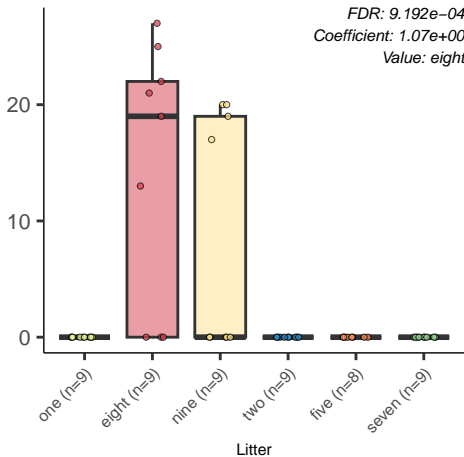
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Value: eight

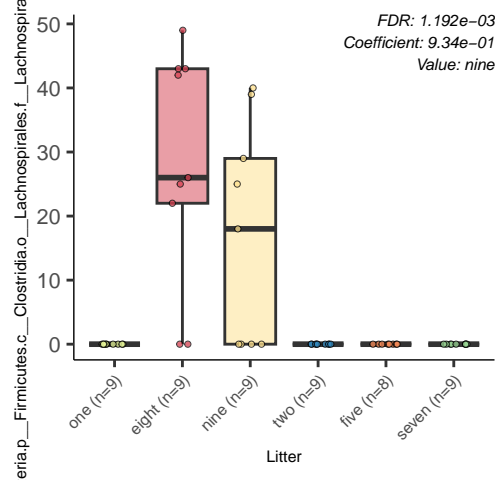


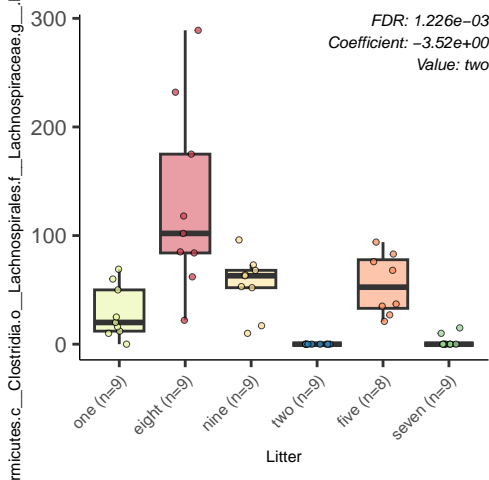
FDR: 6.296e-04
Coefficient: 1.02e+00
Value: eight



FDR: $9.192e-04$
Coefficient: $1.07e+00$
Value: eight

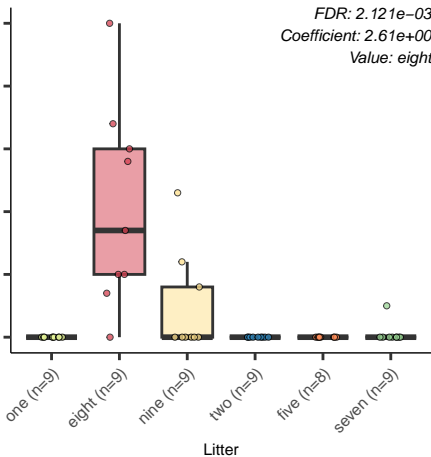






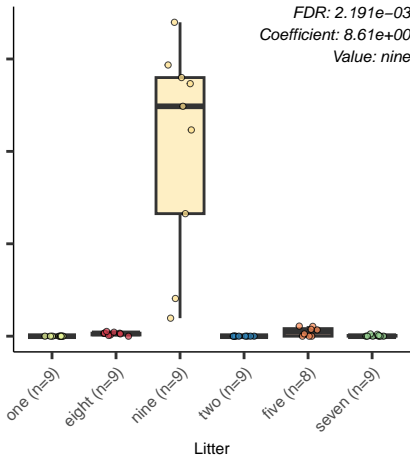
Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

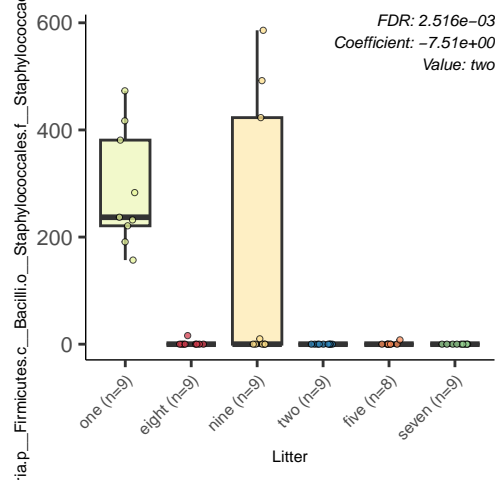
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Coefficient: 2.61e+00
Value: eight



firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

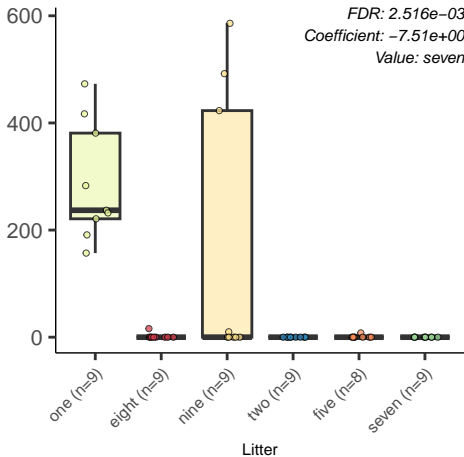
FDR: 2.191e-03
Coefficient: 8.61e+00
Value: nine



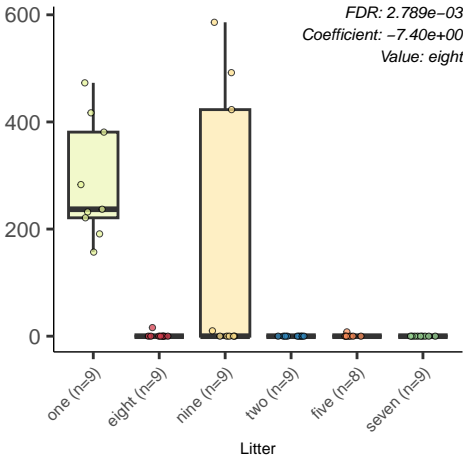


ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca

FDR: 2.516e-03
Coefficient: -7.51e+00
Value: seven

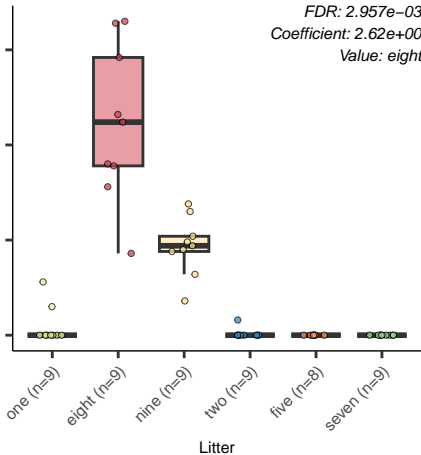


ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca



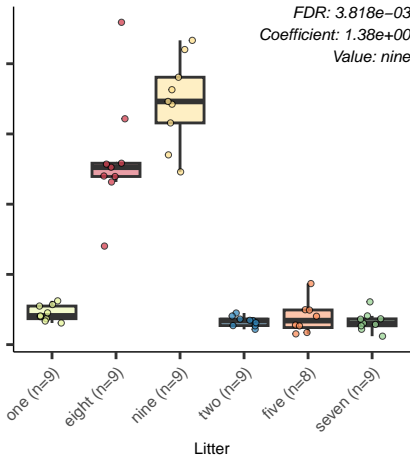
bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

FDR: $2.957e-03$
Coefficient: $2.62e+00$
Value: eight

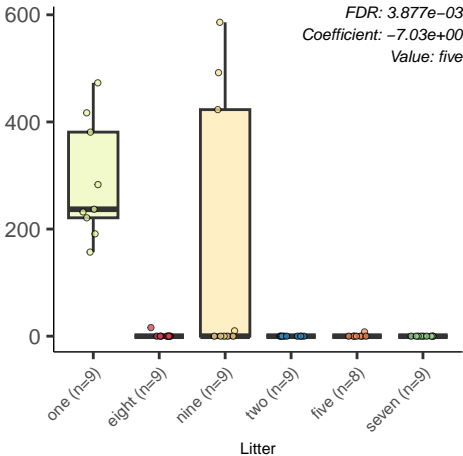


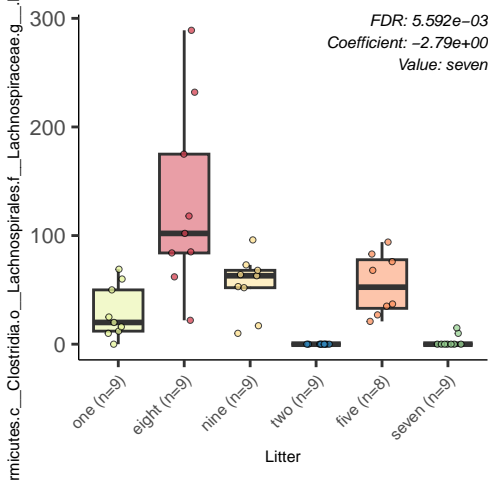
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__S

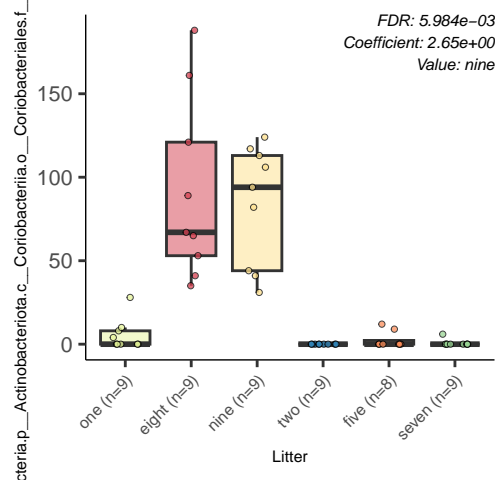
FDR: 3.818e-03
Coefficient: 1.38e+00
Value: nine



ia.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococca

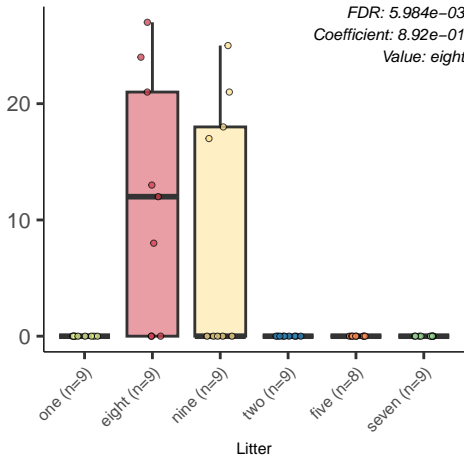




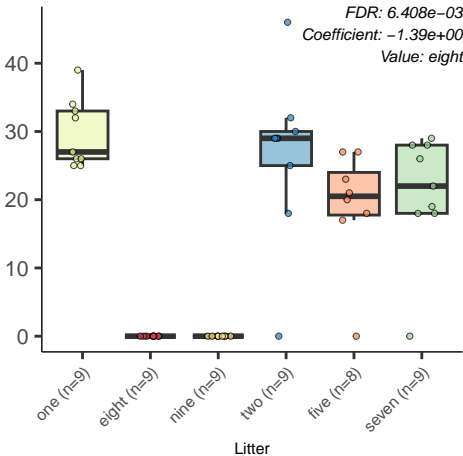


terial.p_Bacteroidota.c_Bacteroidia.o_Bacteroidales.f_Prevotellia

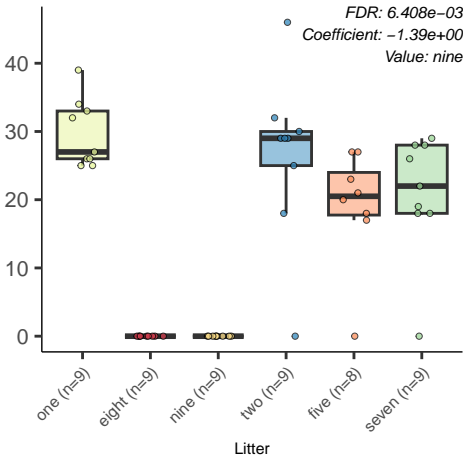
FDR: 5.984e-03
Coefficient: 8.92e-01
Value: eight

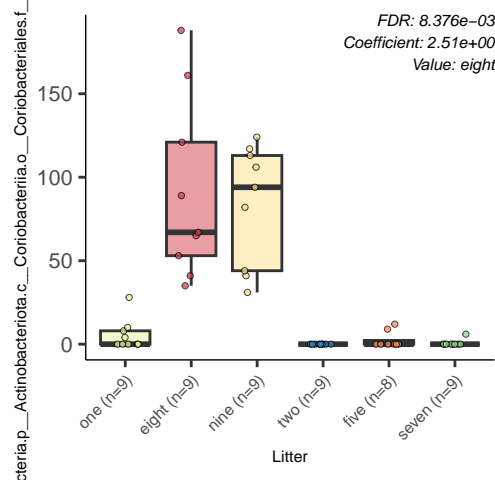


κ_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Listeria



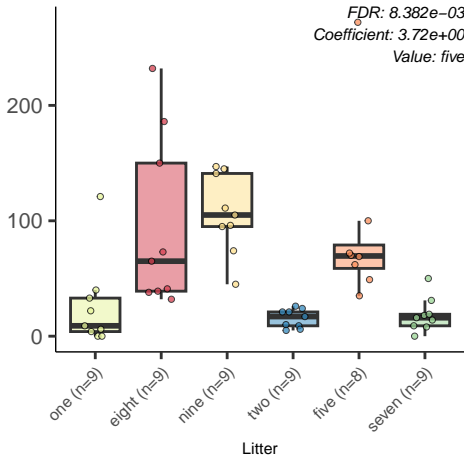
κ_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Listeria





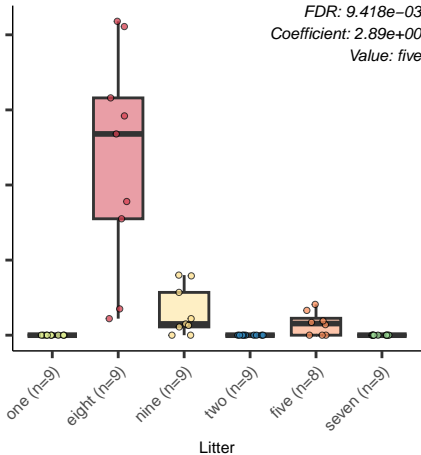
κ_Bacteria.p__Cyanobacteria.c__Vampirivibronia.o__Gastranaero

FDR: $8.382e-03$
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Value: five



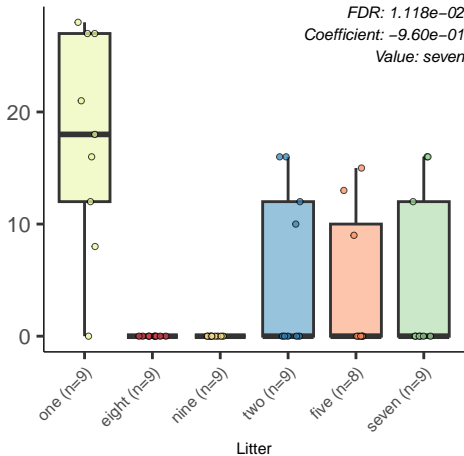
ria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Ruminococca

FDR: 9.418e-03
Coefficient: 2.89e+00
Value: five



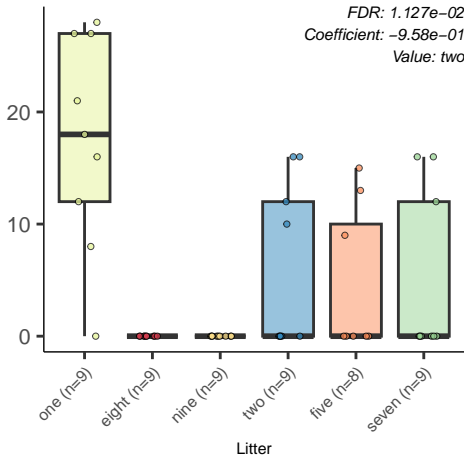
terial.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric

FDR: 1.118×10^{-2}
Coefficient: -9.60×10^{-1}
Value: seven

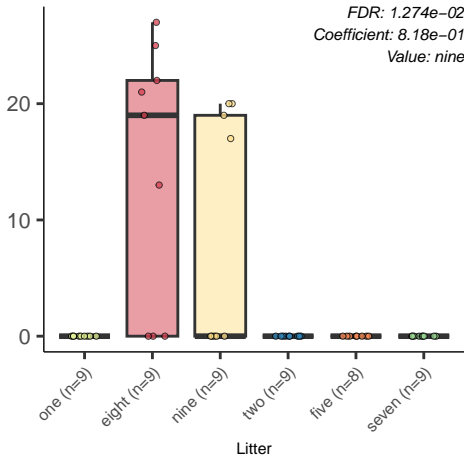


terial.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric

FDR: $1.127e-02$
Coefficient: $-9.58e-01$
Value: two

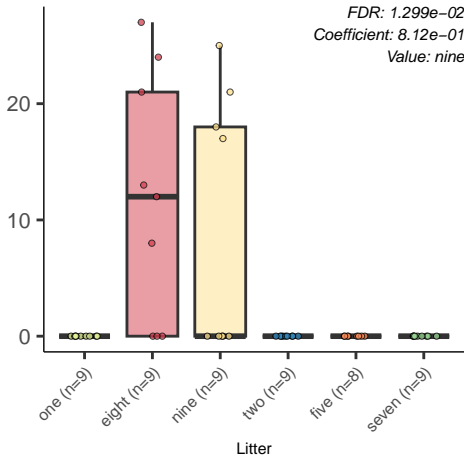


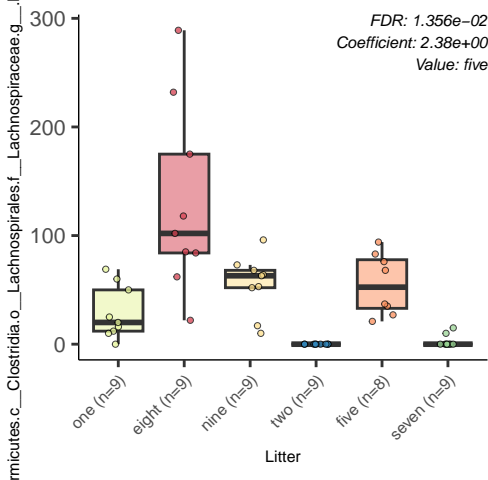
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Coefficient: 8.18e-01
Value: nine

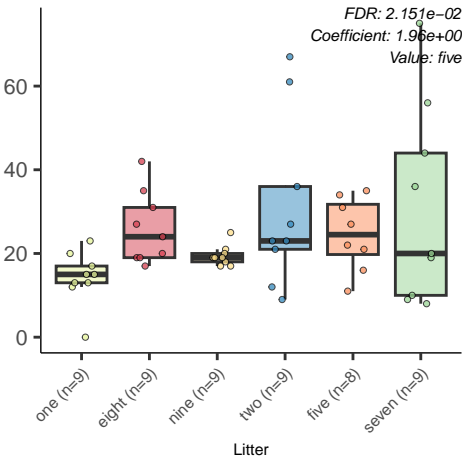


tertia.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Prevotellia

FDR: 1.299e-02
Coefficient: 8.12e-01
Value: nine

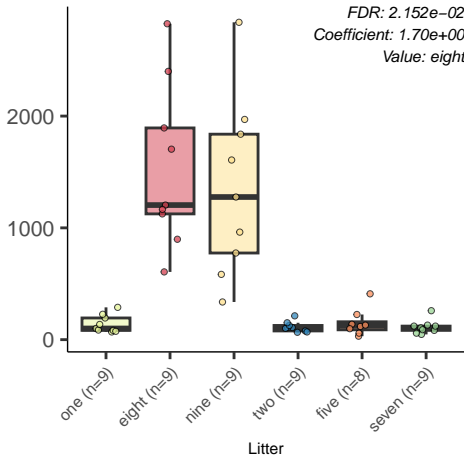




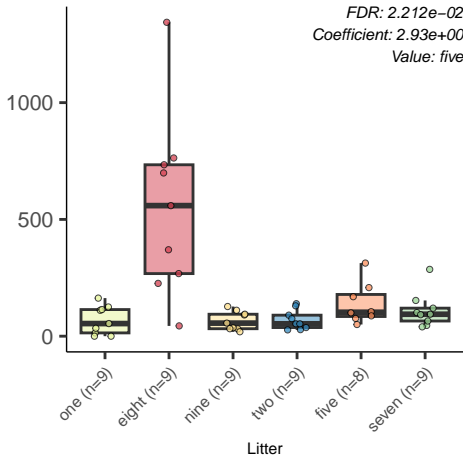


bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Riken

FDR: 2.152e-02
Coefficient: 1.70e+00
Value: eight

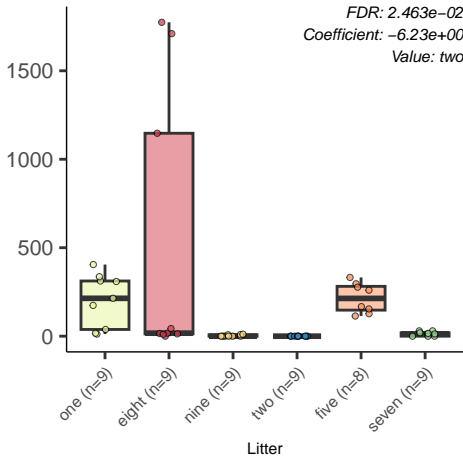


FDR: 2.212e-02
Coefficient: 2.93e+00
Value: five



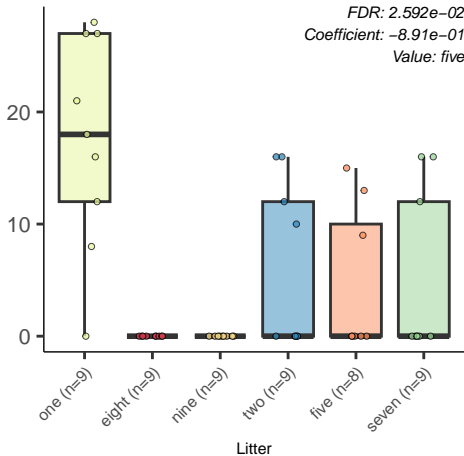
eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 2.463e-02
Coefficient: -6.23e+00
Value: two



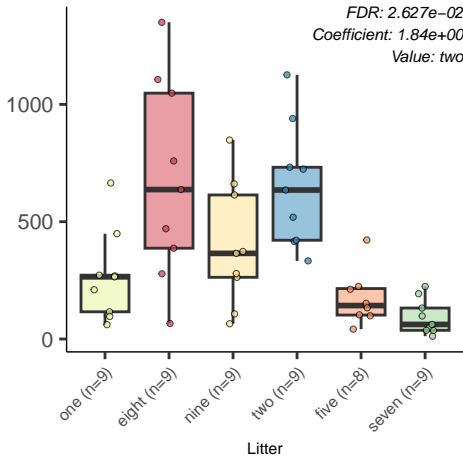
terial.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotric

FDR: 2.592×10^{-2}
Coefficient: -8.91×10^{-1}
Value: five



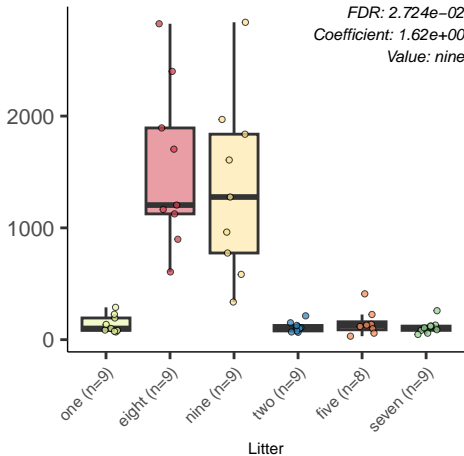
acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp

FDR: 2.627e-02
Coefficient: 1.84e+00
Value: two

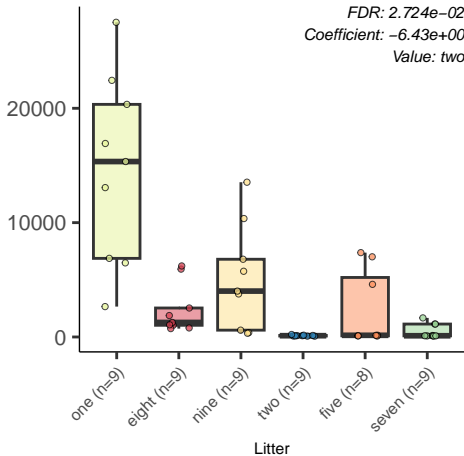


bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Riken

FDR: $2.724e-02$
Coefficient: $1.62e+00$
Value: nine

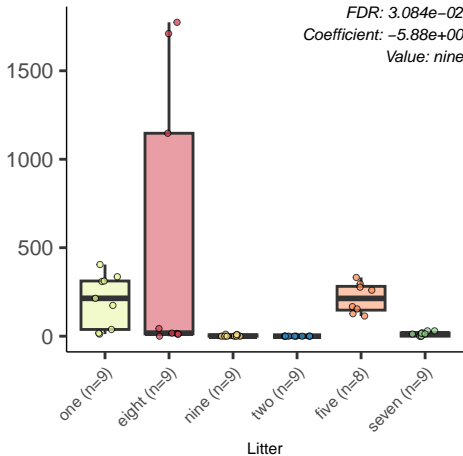


FDR: $2.724e-02$
Coefficient: $-6.43e+00$
Value: two



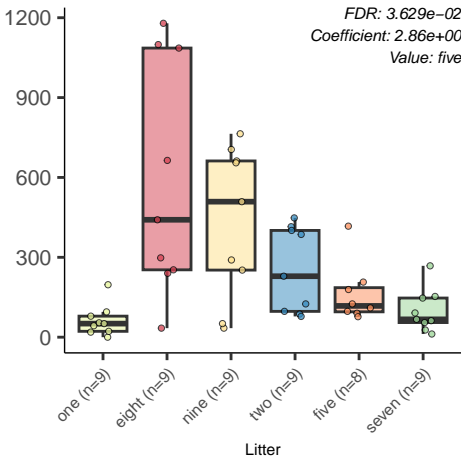
eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 3.084e-02
Coefficient: -5.88e+00
Value: nine

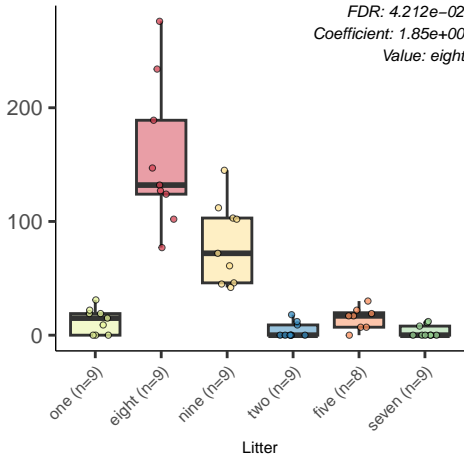


acteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillospira

FDR: 3.629e-02
Coefficient: 2.86e+00
Value: five

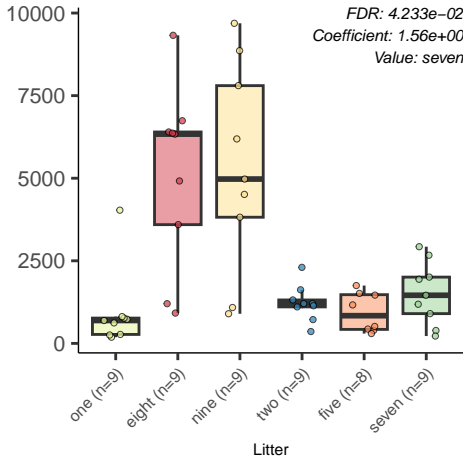


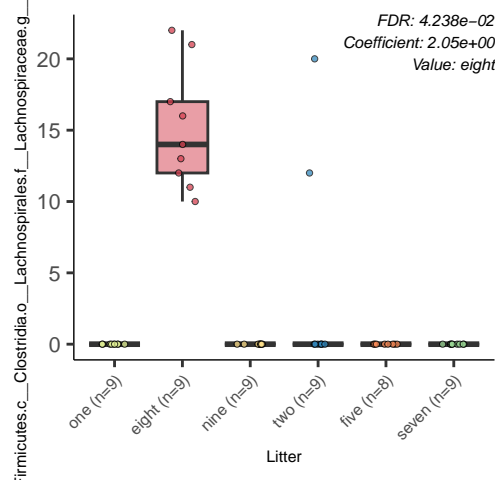
FDR: 4.212e-02
Coefficient: 1.85e+00
Value: eight



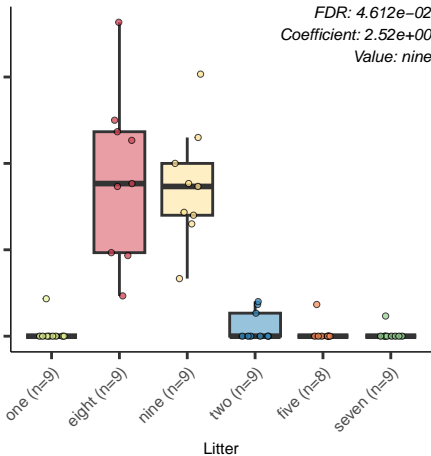
rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

FDR: 4.233e-02
Coefficient: 1.56e+00
Value: seven

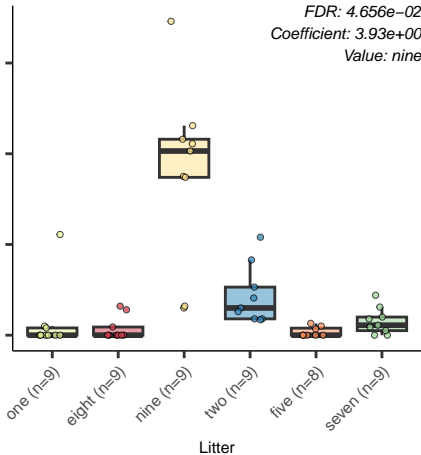




FDR: 4.612e-02
Coefficient: 2.52e+00
Value: nine

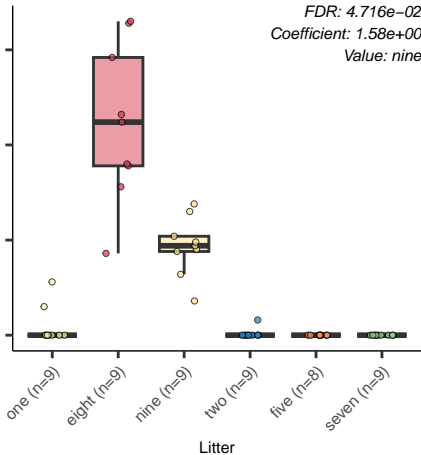


FDR: 4.656e-02
Coefficient: 3.93e+00
Value: nine



bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

FDR: 4.716e-02
Coefficient: 1.58e+00
Value: nine



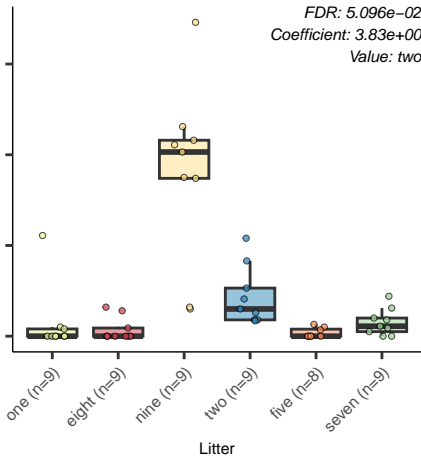
FDR: 4.716e-02
Coefficient: 4.40e-01
Value: five

one (n=9) eight (n=9) nine (n=9) two (n=9) five (n=8) seven (n=9)

Litter

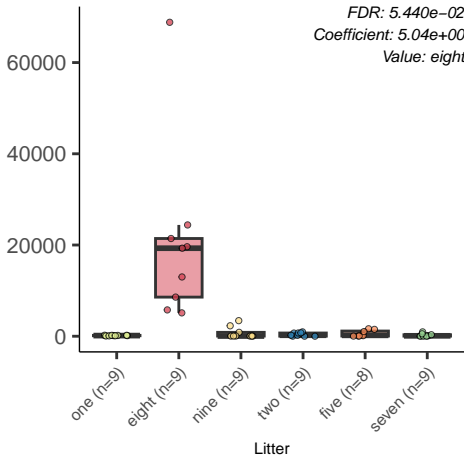
Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminococcaceae.g

FDR: 5.096e-02
Coefficient: 3.83e+00
Value: two

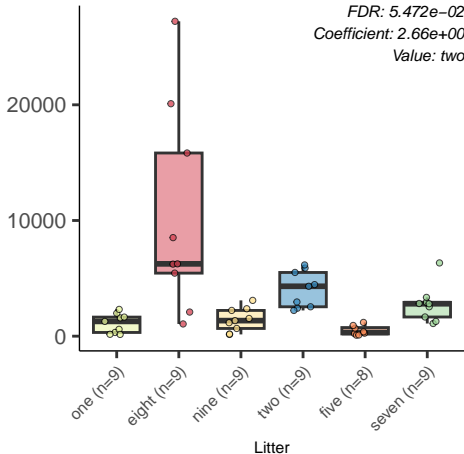


verrucomicrobiota.c__Verrucomicrobiae.o__Verrucomicrobiales.f__Ak

FDR: 5.440e-02
Coefficient: 5.04e+00
Value: eight

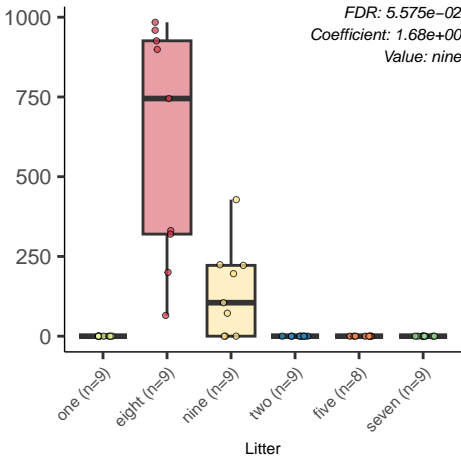


FDR: 5.472e-02
Coefficient: 2.66e+00
Value: two

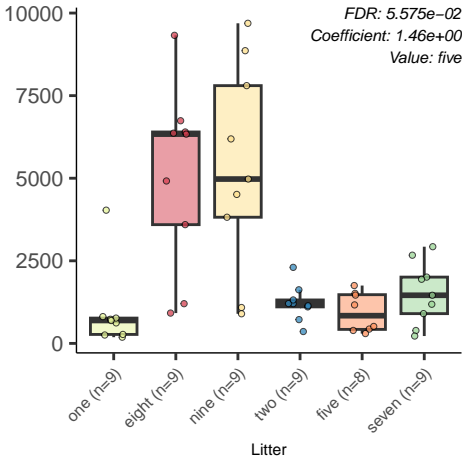


Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

FDR: 5.575e-02
Coefficient: 1.68e+00
Value: nine

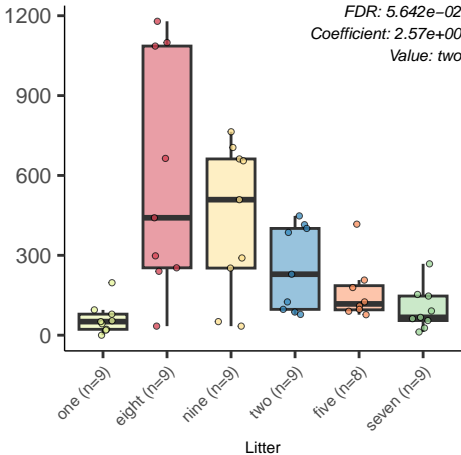


rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__



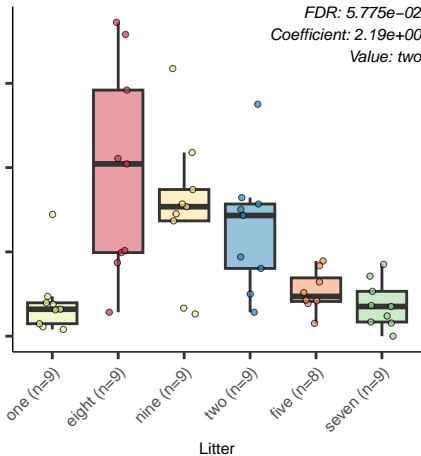
acteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillospira

FDR: 5.642e-02
Coefficient: 2.57e+00
Value: two



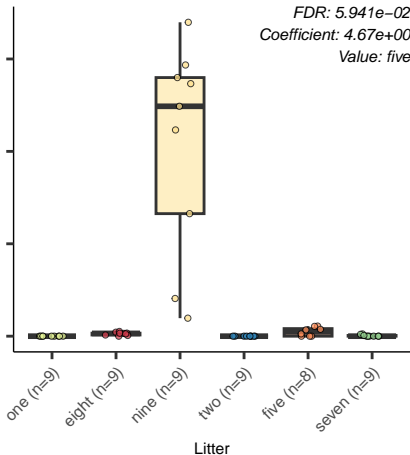
α_Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscil

FDR: 5.775e-02
Coefficient: 2.19e+00
Value: two



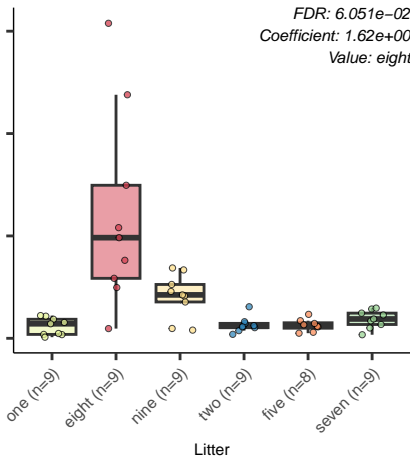
firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

FDR: 5.941e-02
Coefficient: 4.67e+00
Value: five

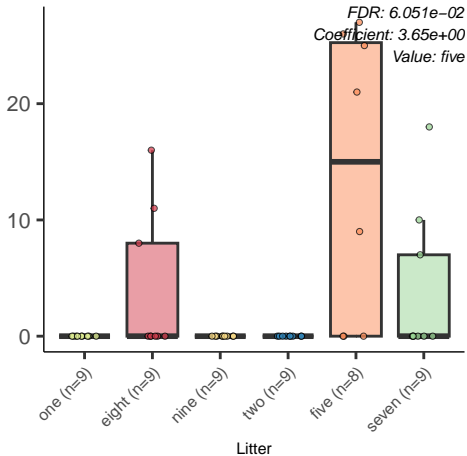


ria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospirac

FDR: 6.051e-02
Coefficient: 1.62e+00
Value: eight

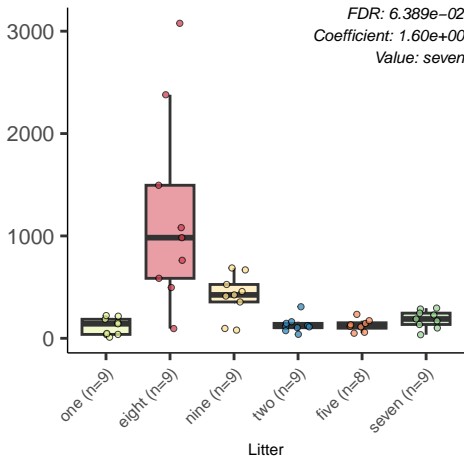


cteria.p_Firmicutes.c__Clostridia.o__Oscillospirales.f__Butyricico



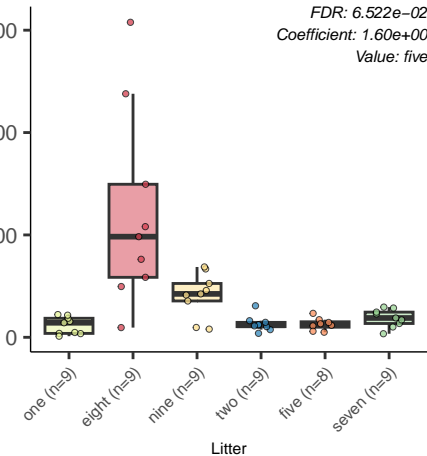
ria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 6.389e-02
Coefficient: 1.60e+00
Value: seven

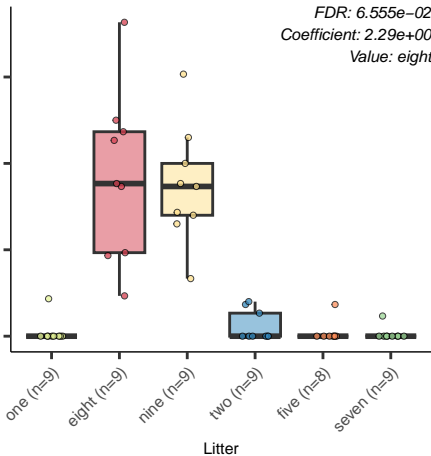


ria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

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Value: five

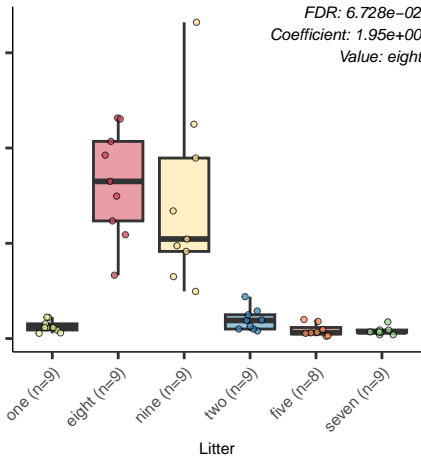


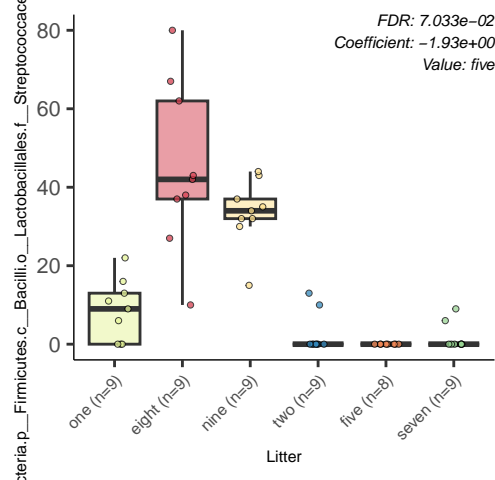
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Coefficient: 2.29e+00
Value: eight



Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipe

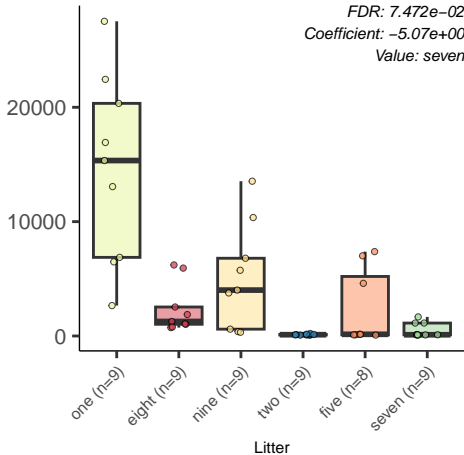
FDR: 6.728e-02
Coefficient: 1.95e+00
Value: eight





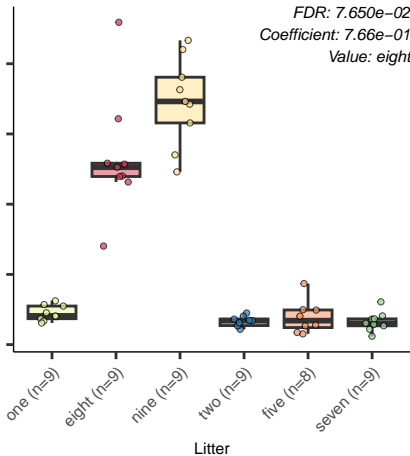
ia.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotricha

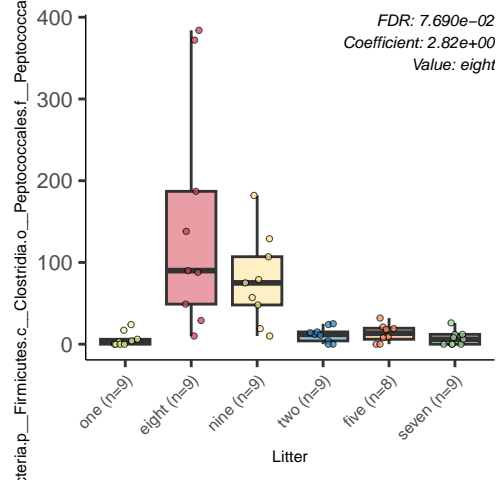
FDR: $7.472e-02$
Coefficient: $-5.07e+00$
Value: seven

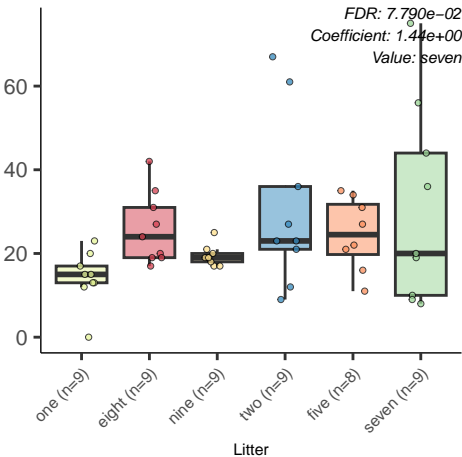


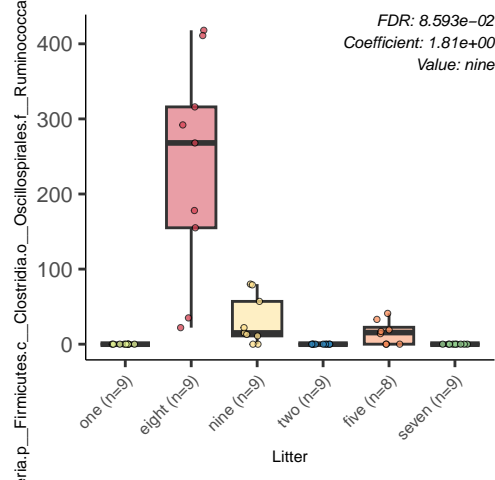
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__S

FDR: 7.650e-02
Coefficient: 7.66e-01
Value: eight



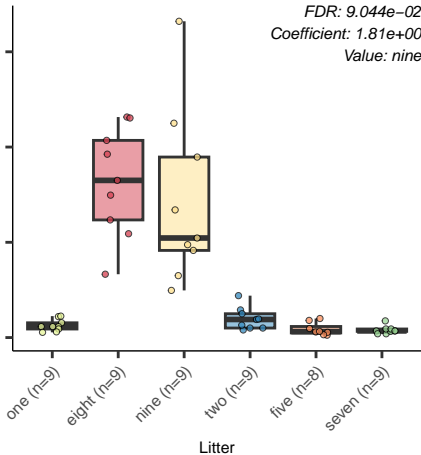






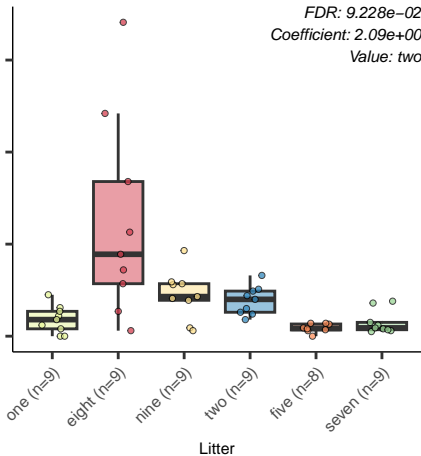
Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipe

FDR: 9.044e-02
Coefficient: 1.81e+00
Value: nine

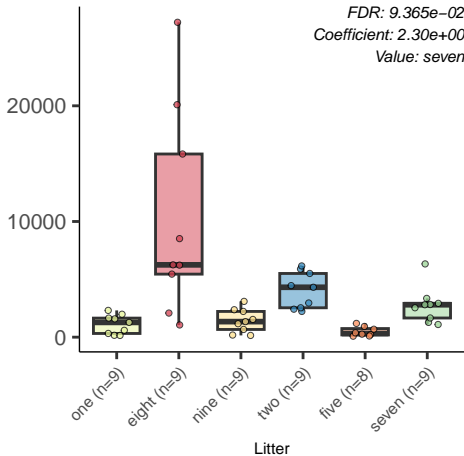


Desulfobacterota.c_Desulfovibrionia.o_Desulfovibrionales.f_De

FDR: $9.228e-02$
Coefficient: $2.09e+00$
Value: two

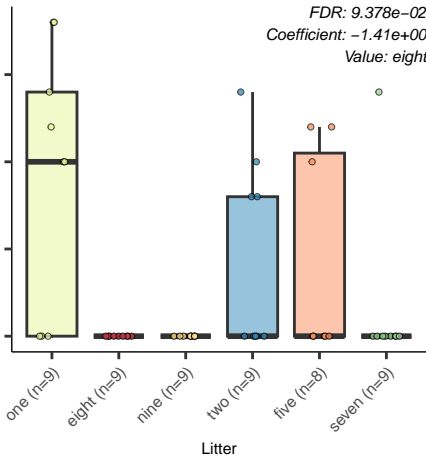


FDR: $9.365e-02$
Coefficient: $2.30e+00$
Value: seven



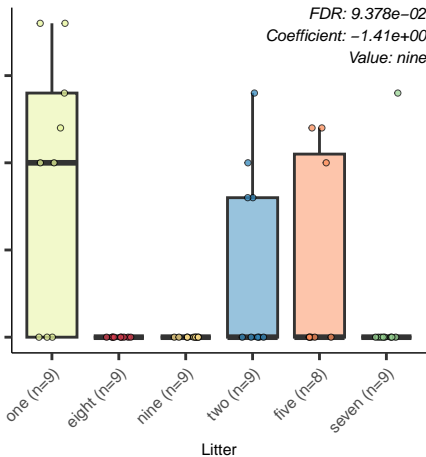
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__

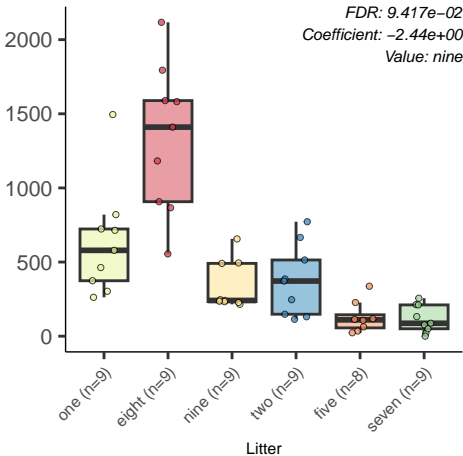
FDR: $9.378e-02$
Coefficient: $-1.41e+00$
Value: eight



Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__

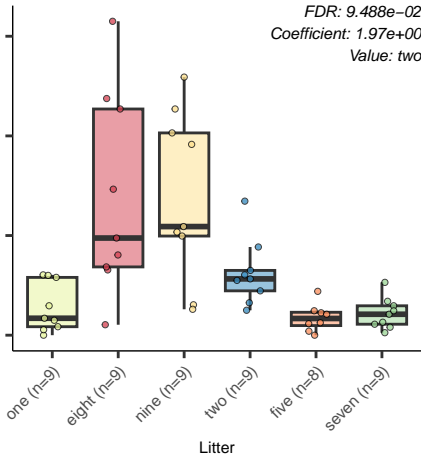
FDR: $9.378e-02$
Coefficient: $-1.41e+00$
Value: nine

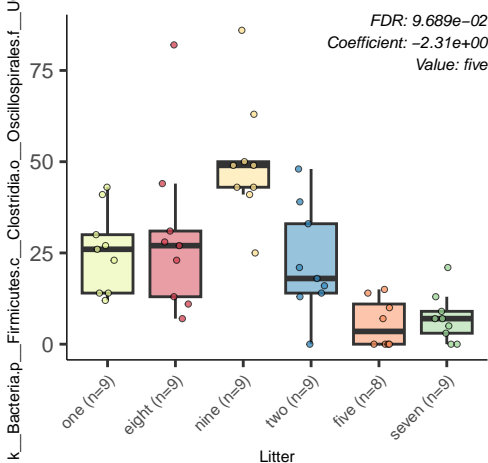




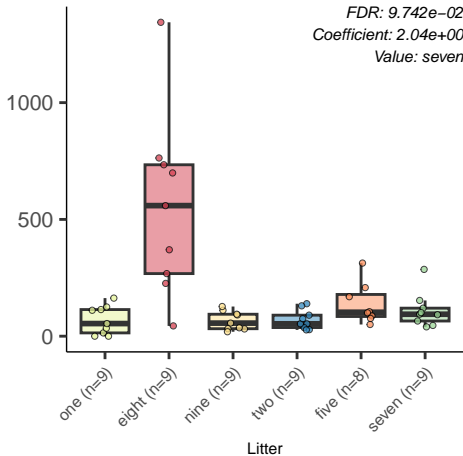
Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Rumin

FDR: 9.488e-02
Coefficient: 1.97e+00
Value: two

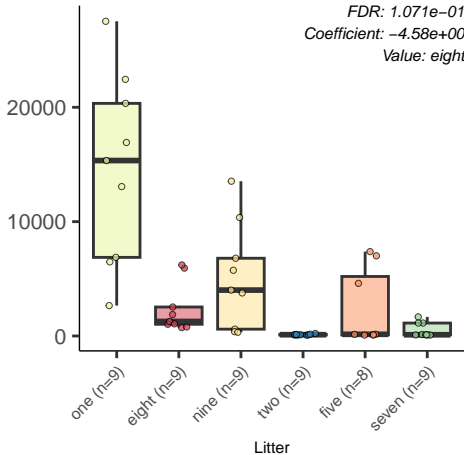


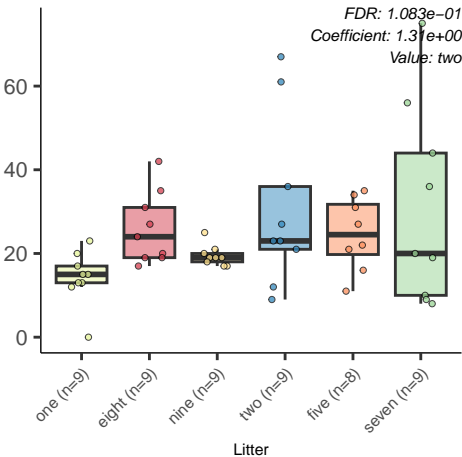


FDR: $9.742e-02$
Coefficient: $2.04e+00$
Value: seven



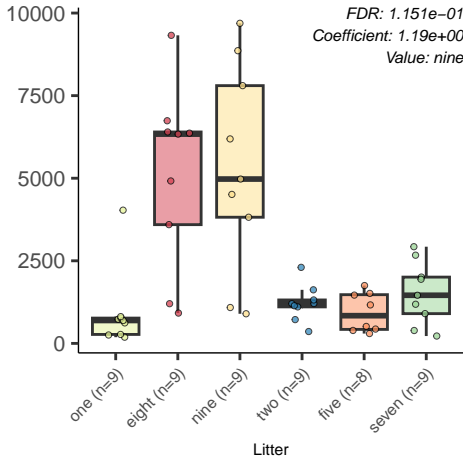
FDR: 1.071e-01
Coefficient: -4.58e+00
Value: eight



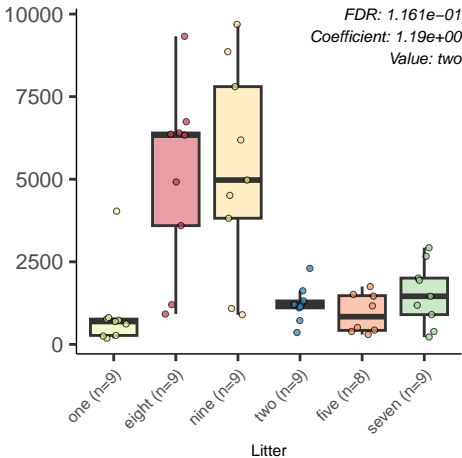


rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

FDR: 1.151e-01
Coefficient: 1.19e+00
Value: nine

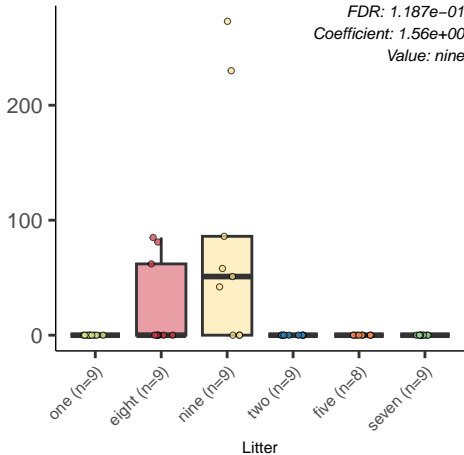


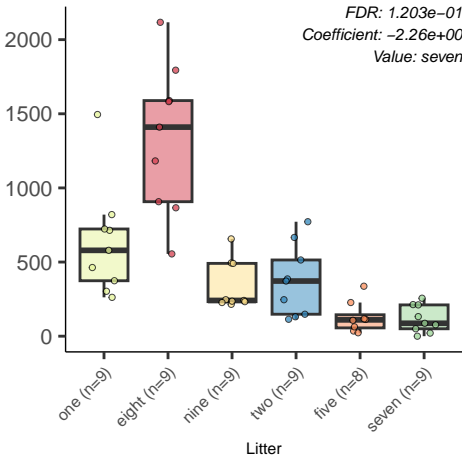
rmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__



bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospira

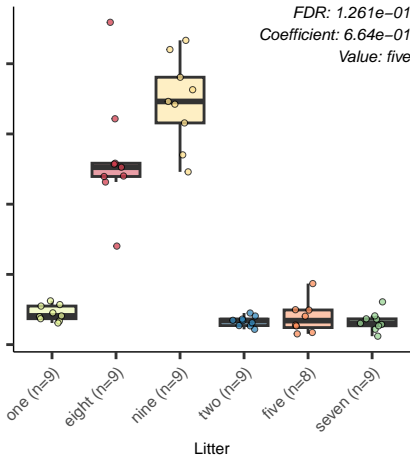
FDR: 1.187e-01
Coefficient: 1.56e+00
Value: nine





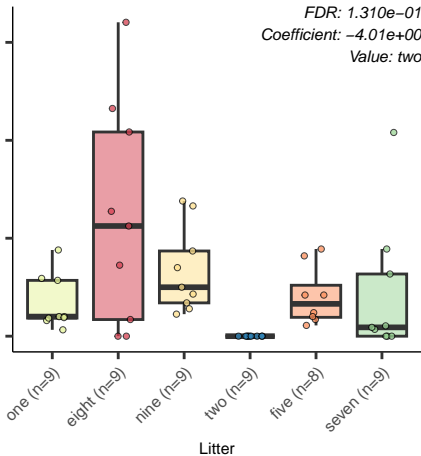
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__S

FDR: 1.261e-01
Coefficient: 6.64e-01
Value: five



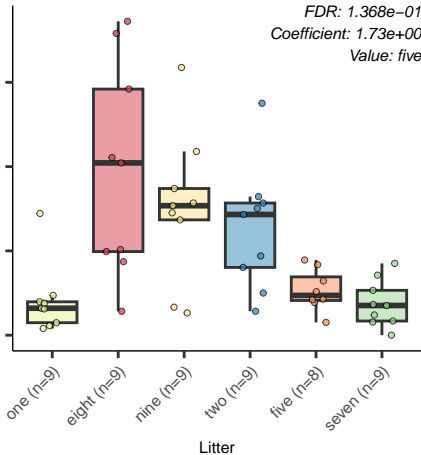
ria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminococce

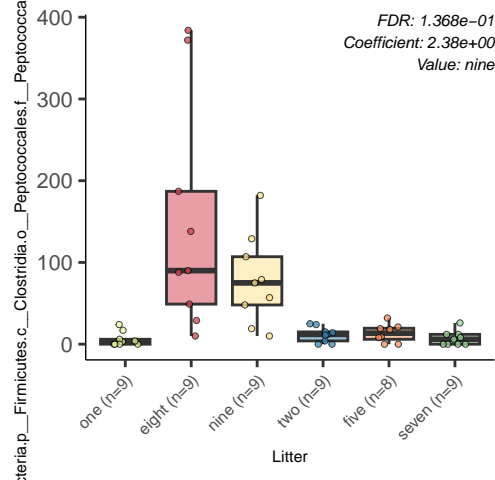
FDR: $1.310e-01$
Coefficient: $-4.01e+00$
Value: two



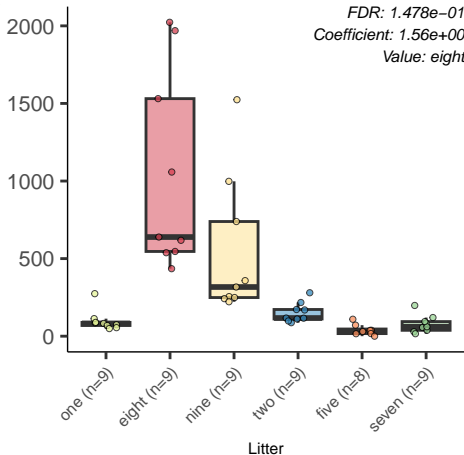
α_Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscil

FDR: 1.368e-01
Coefficient: 1.73e+00
Value: five





FDR: 1.478e-01
Coefficient: 1.56e+00
Value: eight



Bacteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae

FDR: 1.598e-01
Coefficient: 1.76e+00
Value: eight

1000

500

0

one (n=9)

eight (n=9)

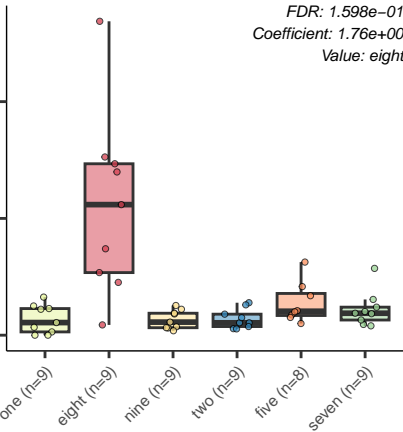
nine (n=9)

two (n=9)

five (n=8)

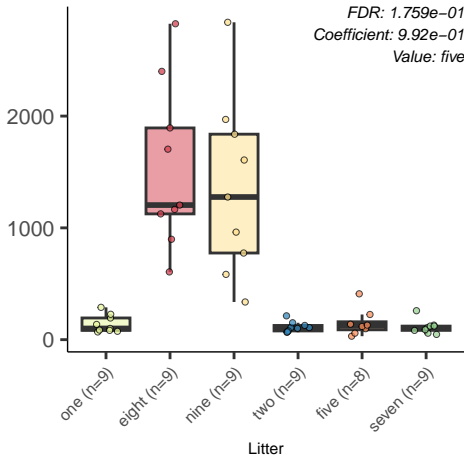
seven (n=9)

Litter



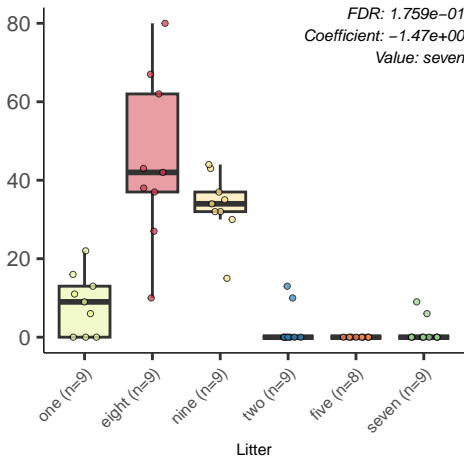
bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Rikenellaceae

FDR: 1.759e-01
Coefficient: 9.92e-01
Value: five



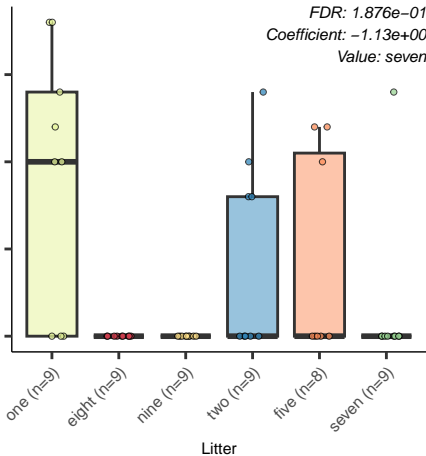
acteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Streptococcaceae

FDR: 1.759e-01
Coefficient: -1.47e+00
Value: seven



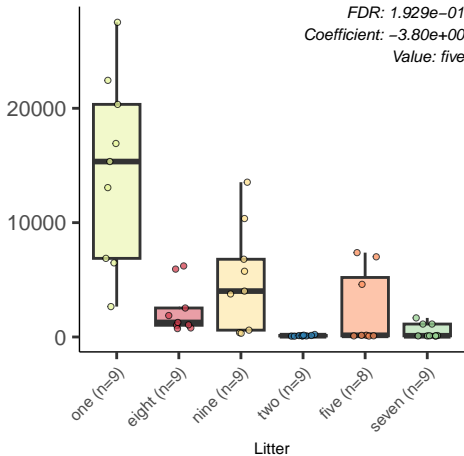
Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__

FDR: 1.876e-01
Coefficient: -1.13e+00
Value: seven



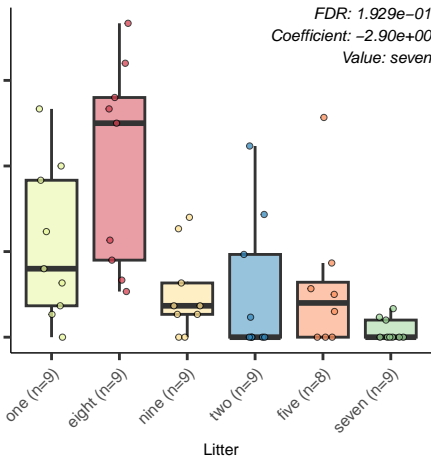
ia.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelotricha

FDR: 1.929e-01
Coefficient: -3.80e+00
Value: five

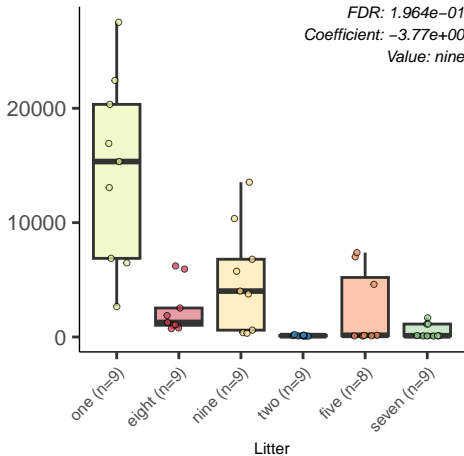


bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospira

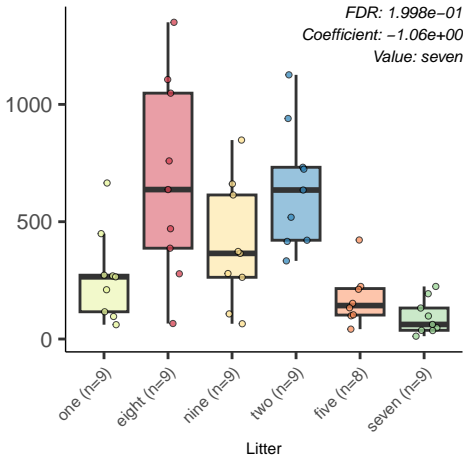
FDR: 1.929e-01
Coefficient: -2.90e+00
Value: seven



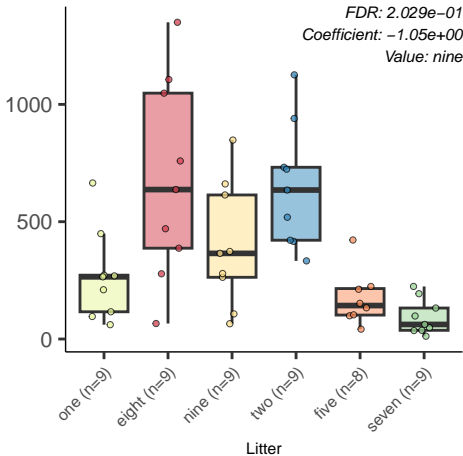
FDR: 1.964e-01
Coefficient: -3.77e+00
Value: nine



acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp

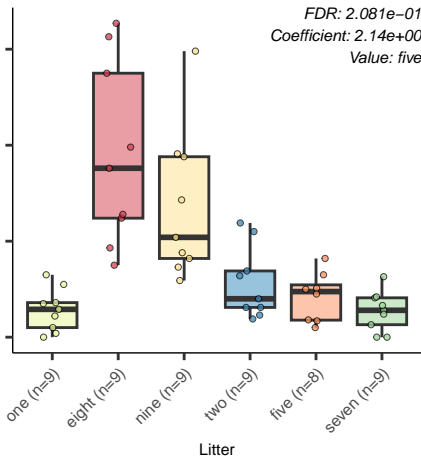


acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp



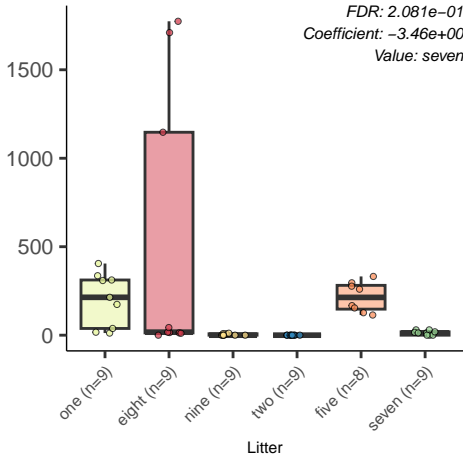
k_Bacteria.p_Firmicutes.c_Bacilli.o_RF39.f_g

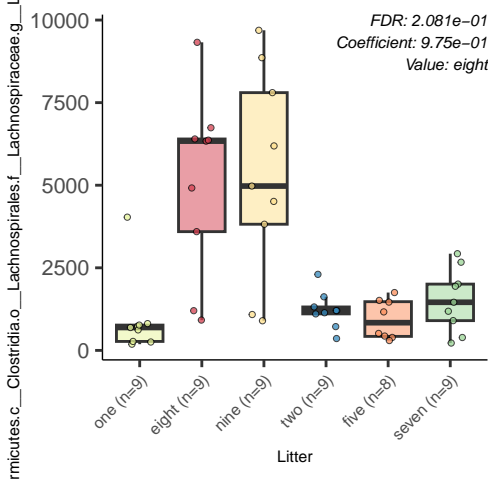
FDR: 2.081e-01
Coefficient: 2.14e+00
Value: five

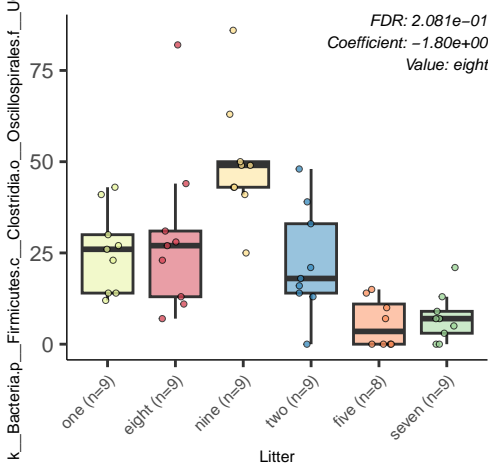


eria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospira

FDR: 2.081e-01
Coefficient: -3.46e+00
Value: seven

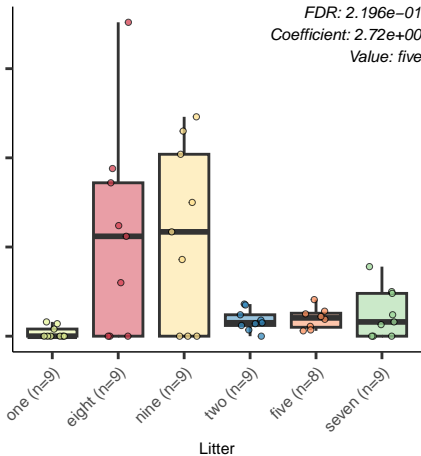






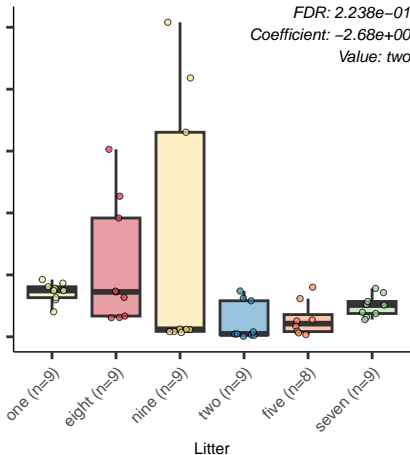
acteria.p__Firmicutes.c__Clostridia.o__Monoglobales.f__Monogloba

FDR: 2.196e-01
Coefficient: 2.72e+00
Value: five

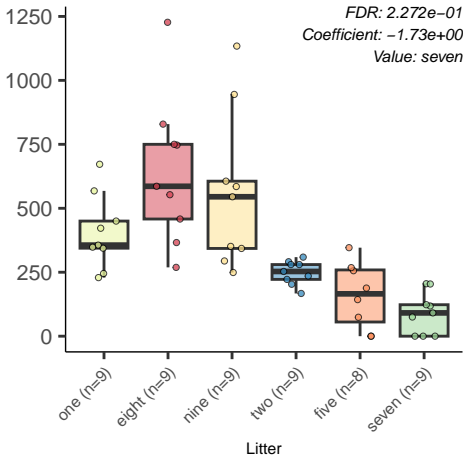


_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Lactobacil

FDR: 2.238e-01
Coefficient: -2.68e+00
Value: two

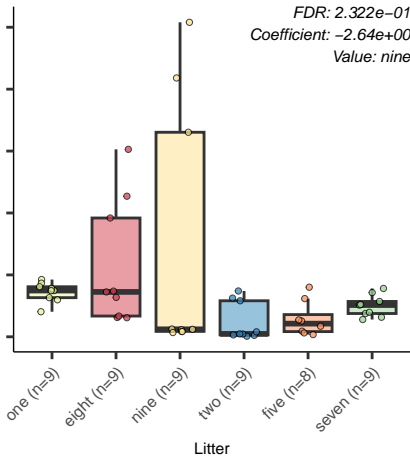


p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Eubacterium...co

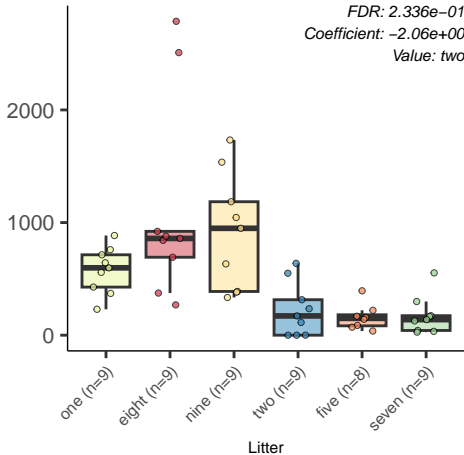


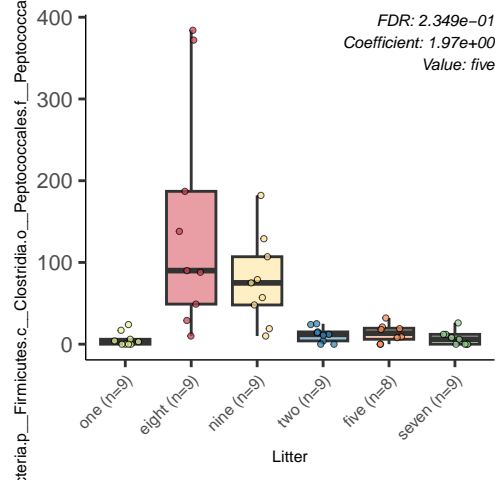
_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Lactobacil

FDR: 2.322e-01
Coefficient: -2.64e+00
Value: nine

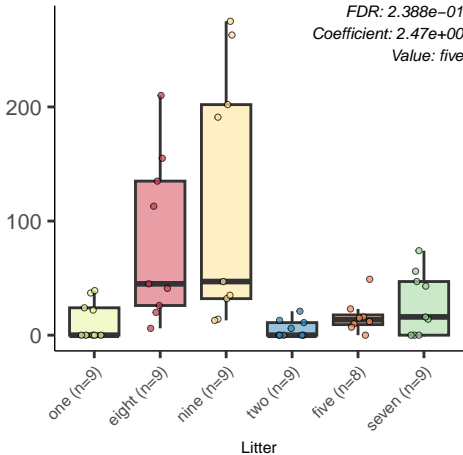


FDR: $2.336e-01$
Coefficient: $-2.06e+00$
Value: two

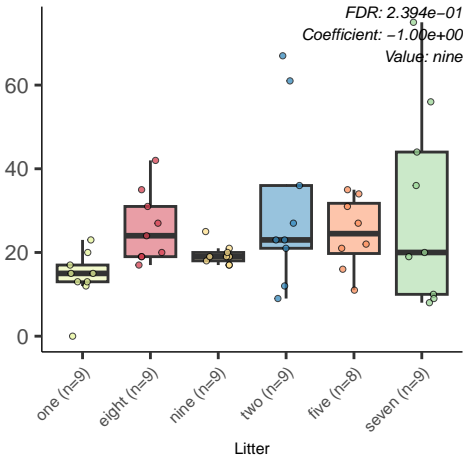




FDR: 2.388e-01
Coefficient: 2.47e+00
Value: five



ia.p__Firmicutes.c__Clostridia.o__Clostridiales.f__Clostridiaceae.g



c__Clostridia.o__Peptostreptococcales.Tissierellales.f__Anaerovora

FDR: 2.426e-01
Coefficient: 1.07e+00
Value: nine

200

100

0

one (n=9)

eight (n=9)

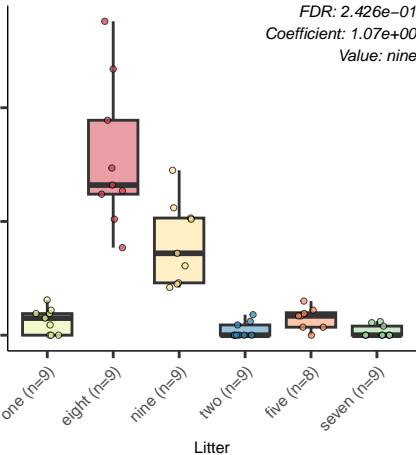
nine (n=9)

two (n=9)

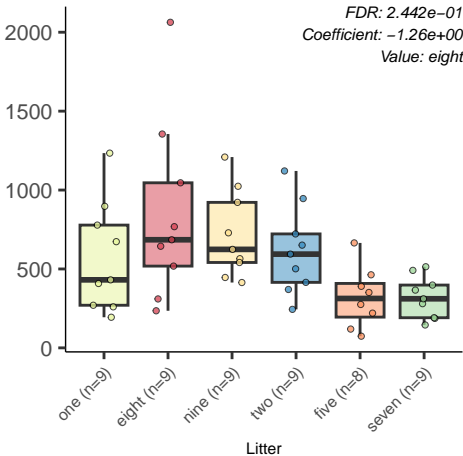
five (n=8)

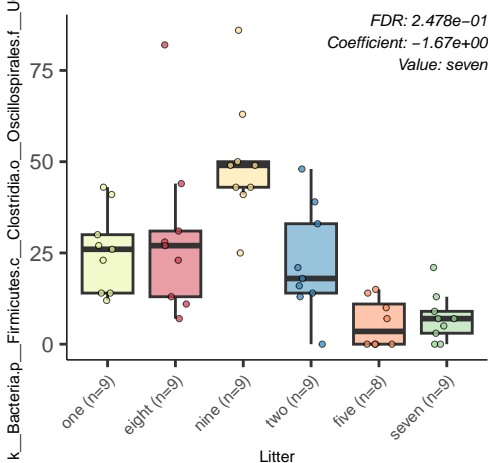
seven (n=9)

Litter



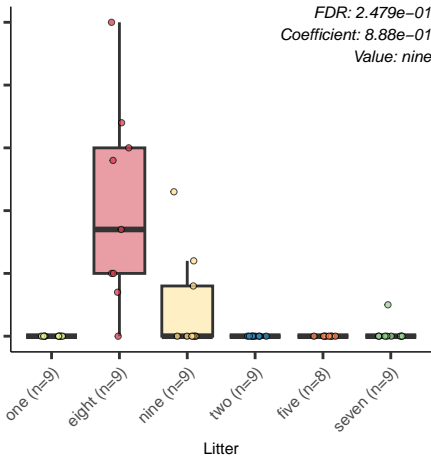
eria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnospira





Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g

FDR: 2.479e-01
Coefficient: 8.88e-01
Value: nine



FDR: 2.483e-01
Coefficient: 2.39e+00
Value: nine

