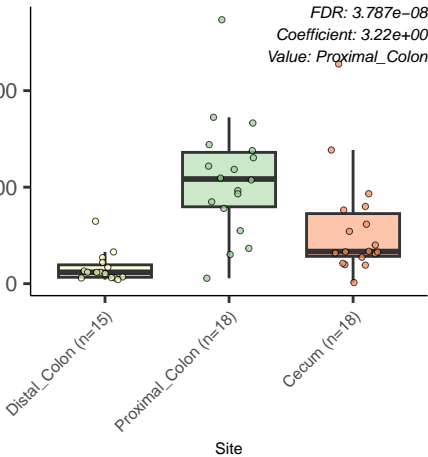
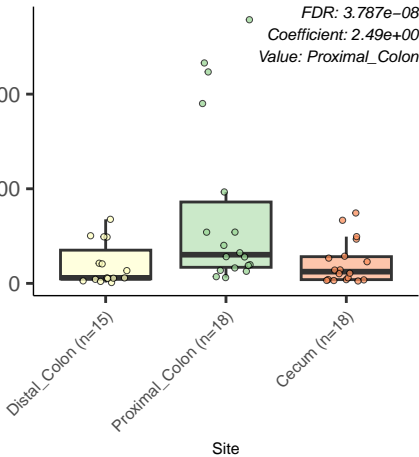


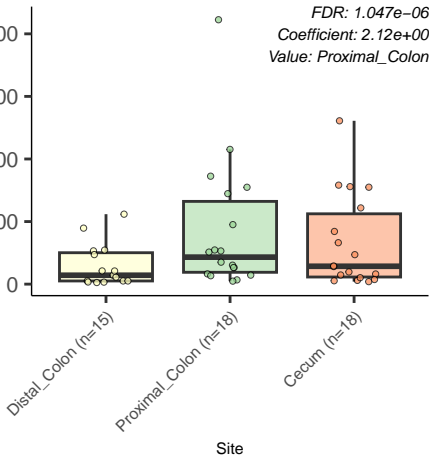
Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnospiraceae.g_Lactobacillus.g_Lactobacillus

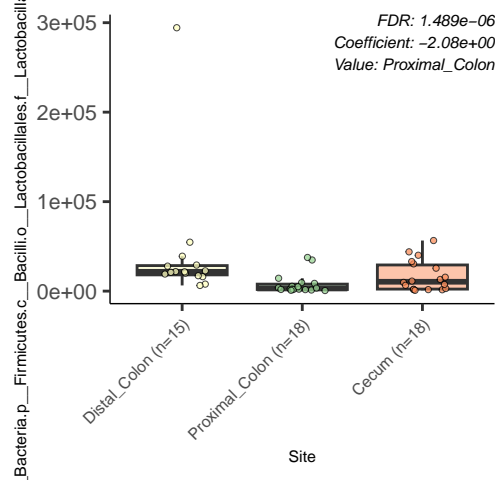


Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

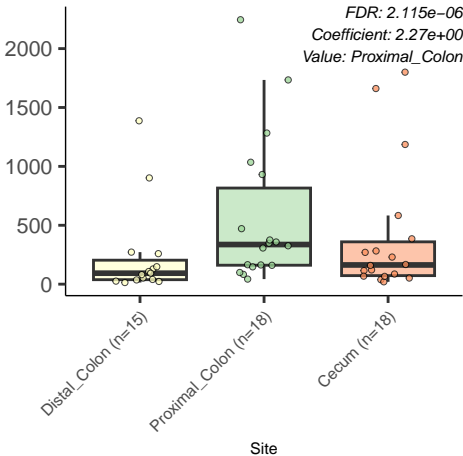


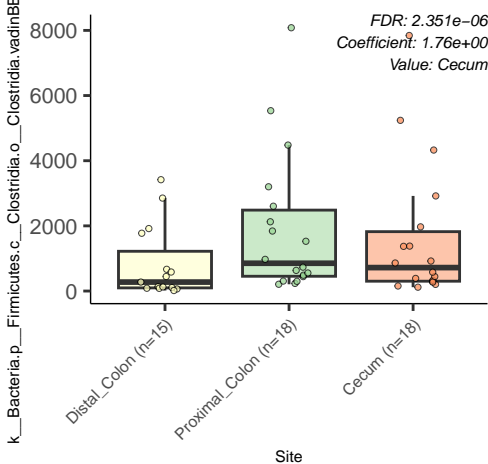
Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Butyricic

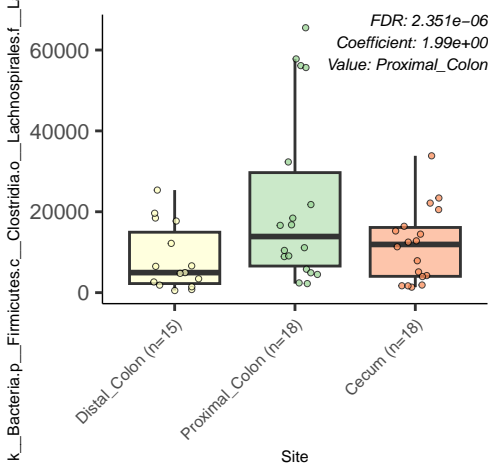




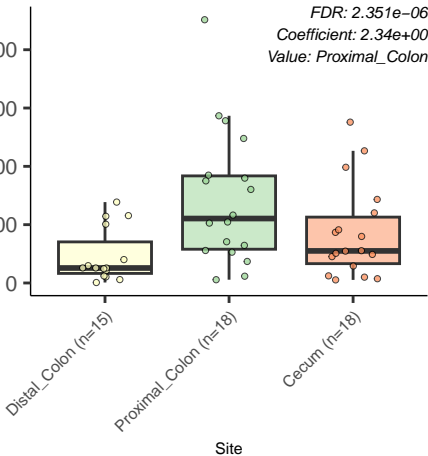
k_Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_La

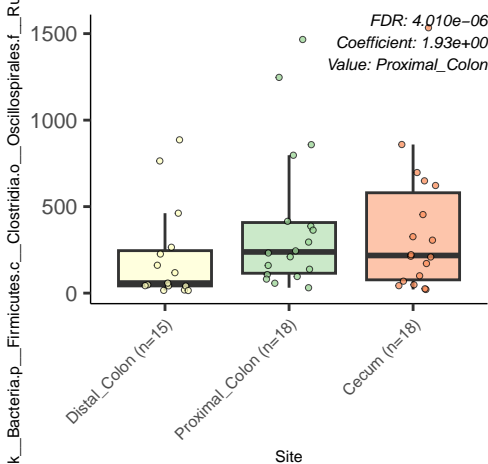


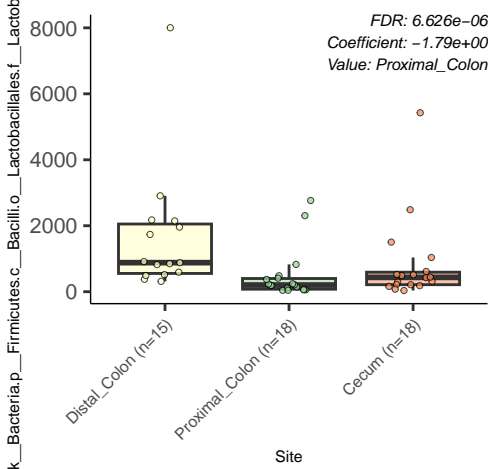


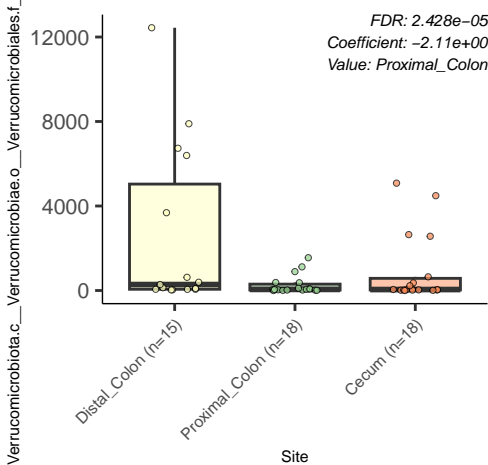


Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachn

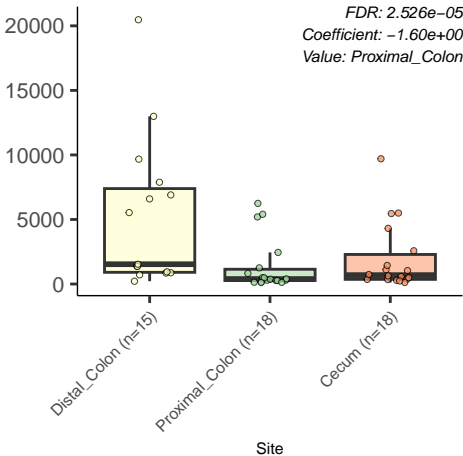








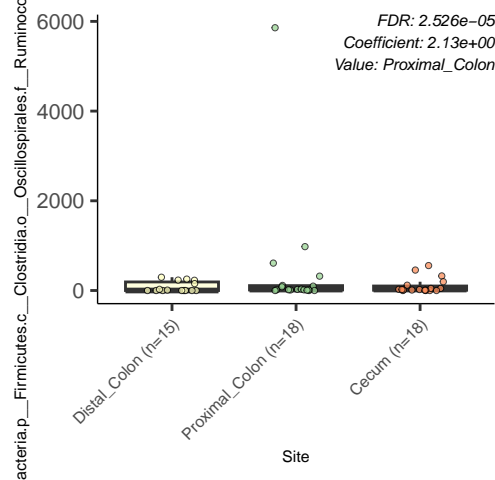
Bacteria.p Firmicutes.c Bacilli.o Lactobacillales.f Lactobacaci



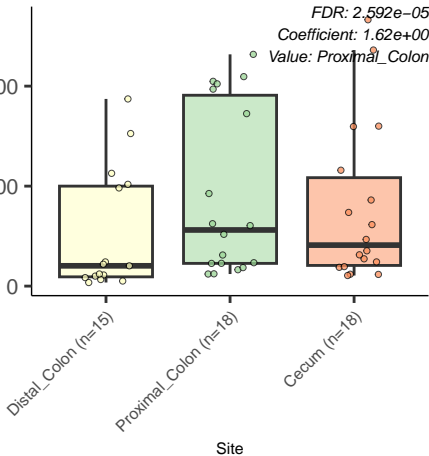
FDR: 2.526e-05

Coefficient: $-1.60e+00$

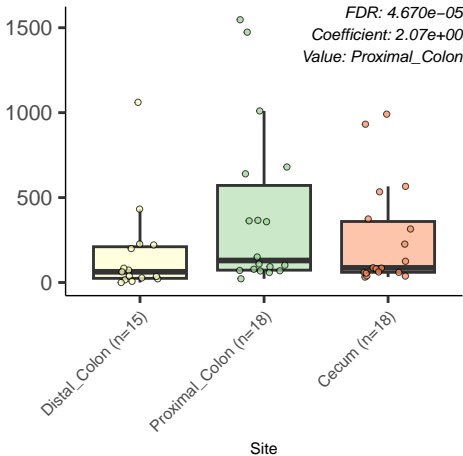
Value: Proximal Colon

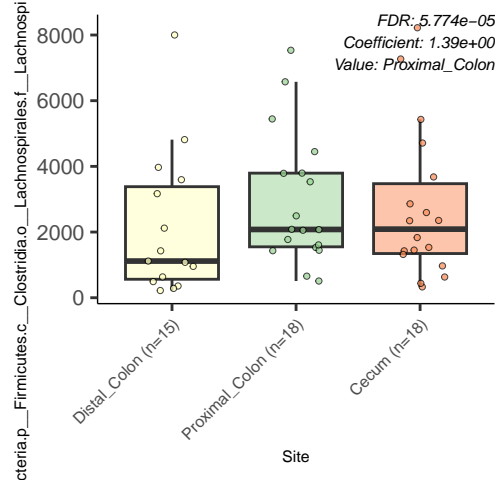


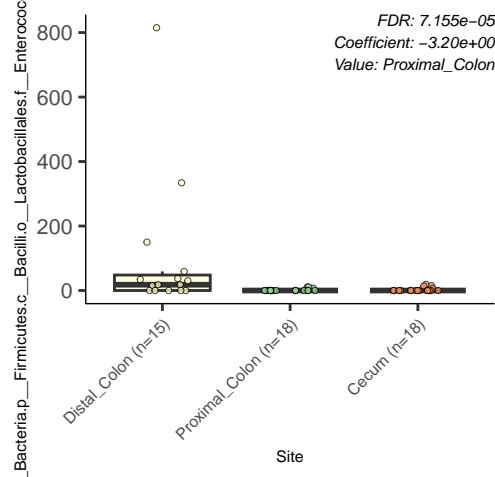
Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospirales



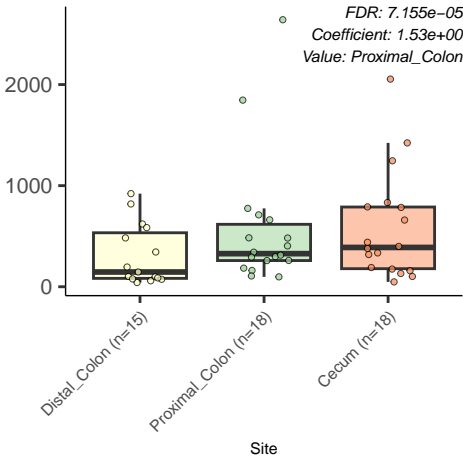
Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachno



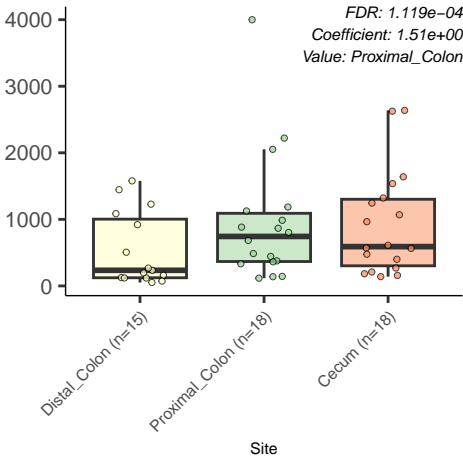




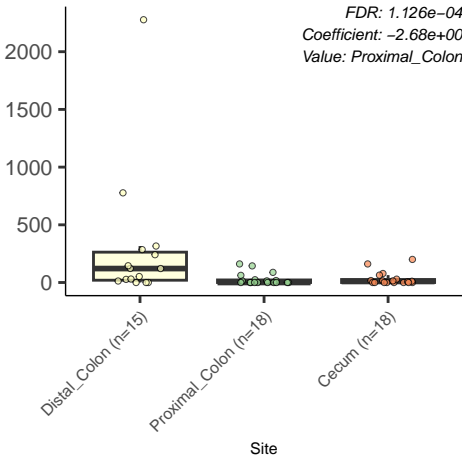
Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospira



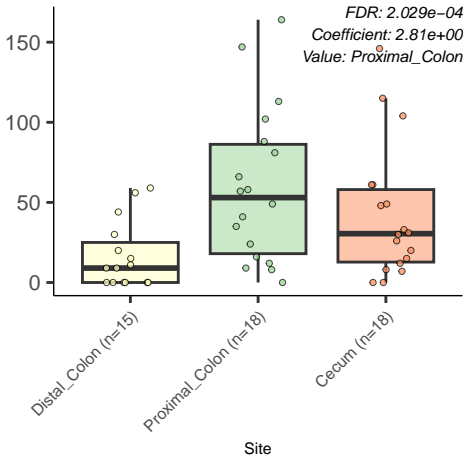
Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillosp

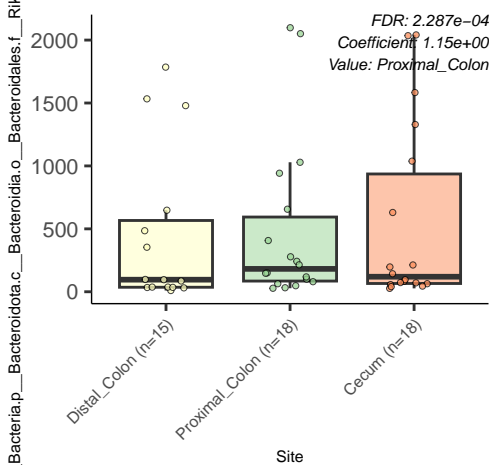


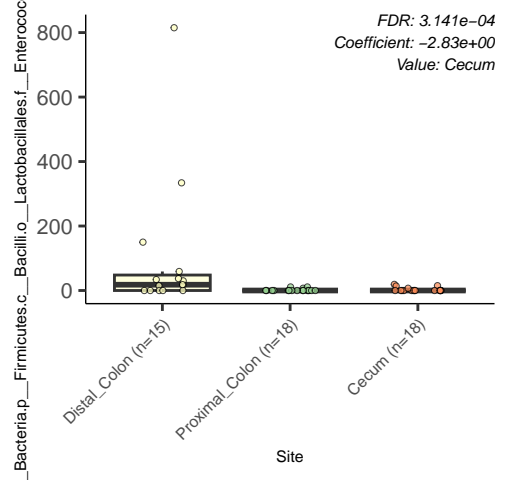
acteria.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococ



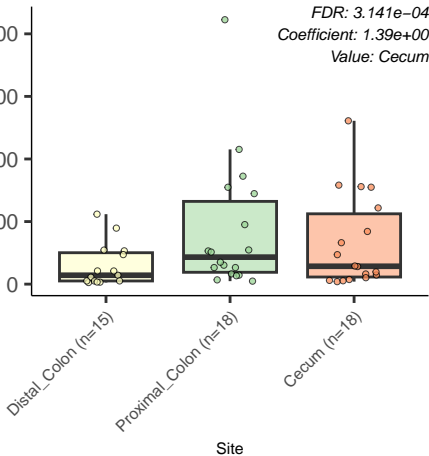
Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Butyriv

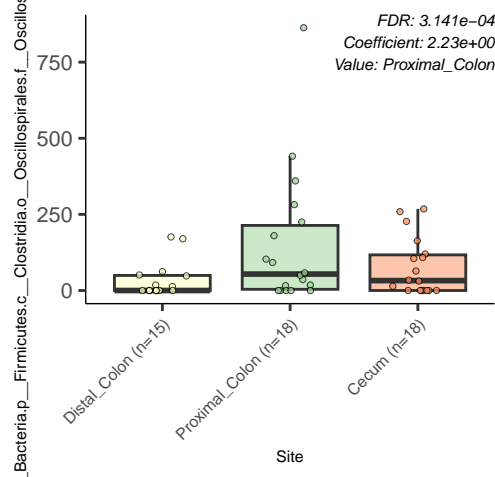






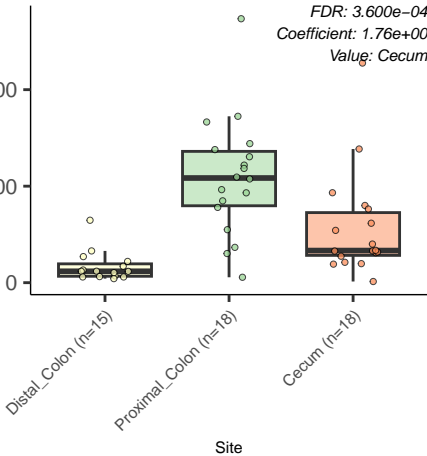
Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Butyricic

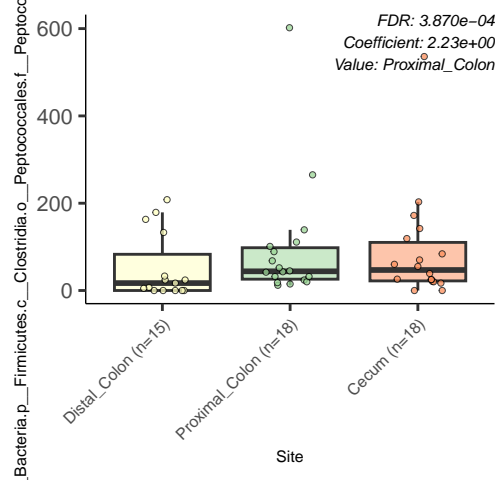


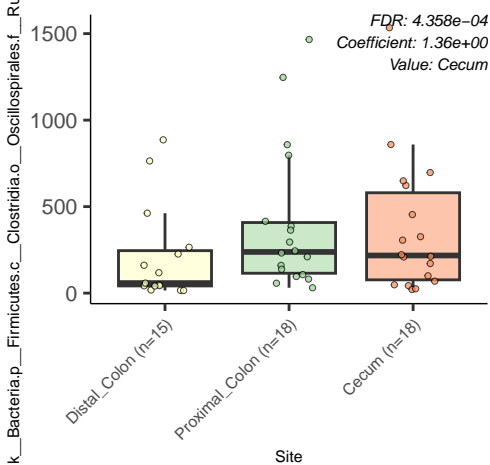


Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnospiraceae.g_Lachnospiraceae

FDR: 3.600e-04
Coefficient: 1.76e+00
Value: Cecum

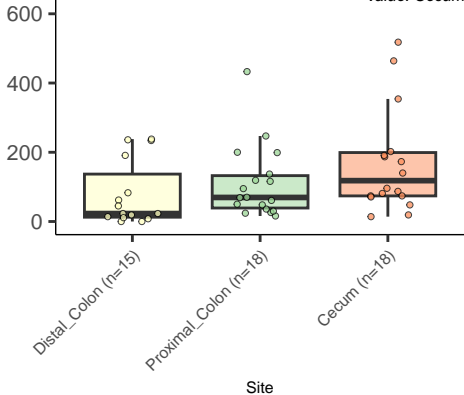




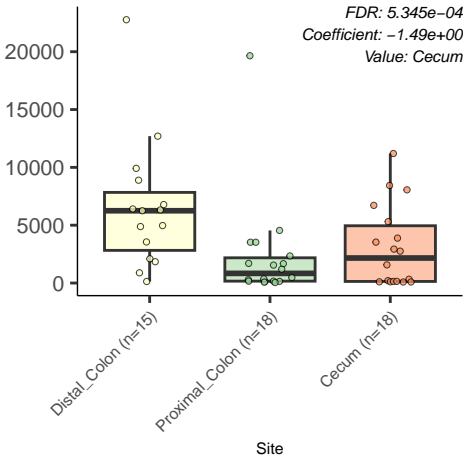


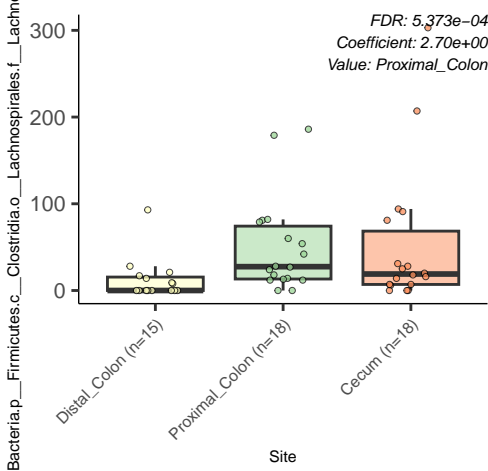
a.p__Desulfobacterota.c__Desulfovibrionia.o__Desulfovibrionales.f

FDR: $4.841e-04$
Coefficient: $2.31e+00$
Value: Cecum



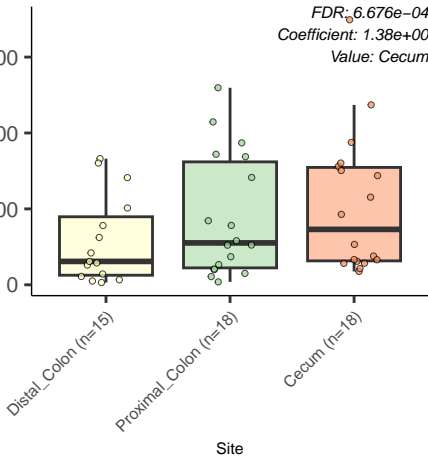
acteria.p__Firmicutes.c__Bacilli.o__Erysipelotrichales.f__Erysipelot

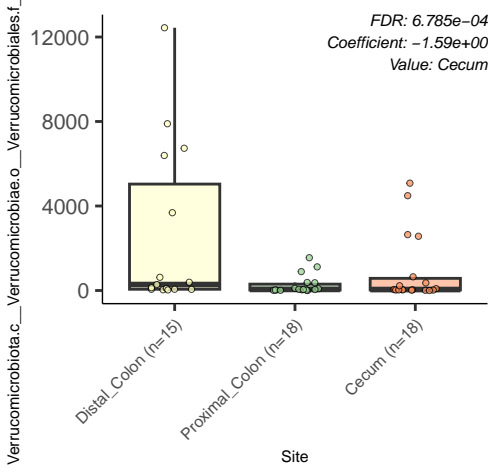




acteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminoc

FDR: 6.676e-04
Coefficient: 1.38e+00
Value: Cecum





Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospira

FDR: 7.347e-04
Coefficient: 1.26e+00
Value: Cecum

2000

1000

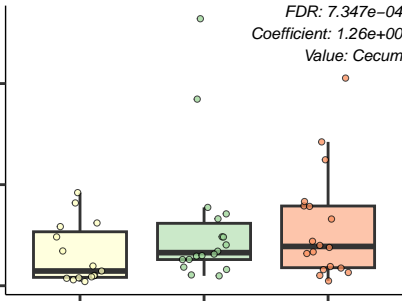
0

Distal_Colon (n=15)

Proximal_Colon (n=18)

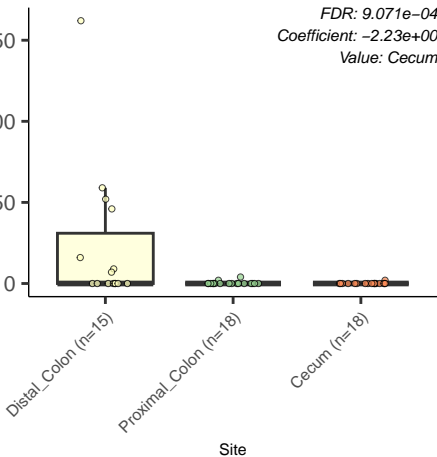
Cecum (n=18)

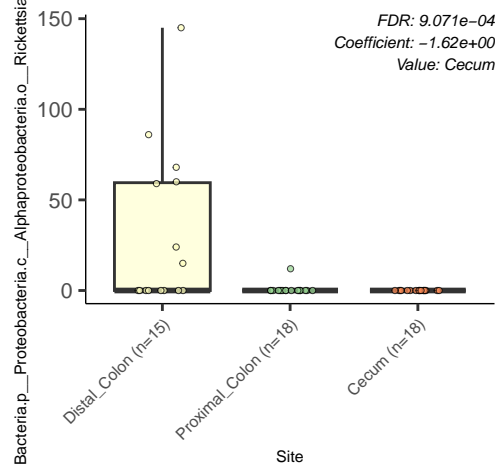
Site



p__Proteobacteria.c__Alphaproteobacteria.o__Rhizobiales.f__Xanth

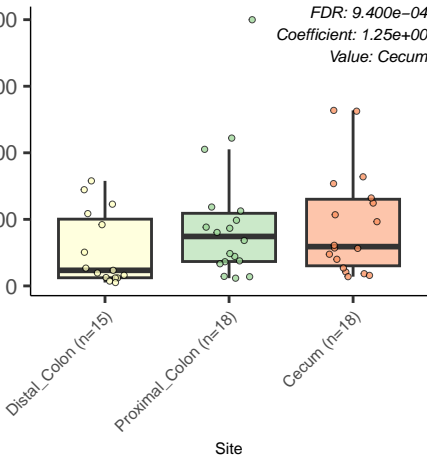
FDR: $9.071e-04$
Coefficient: $-2.23e+00$
Value: Cecum



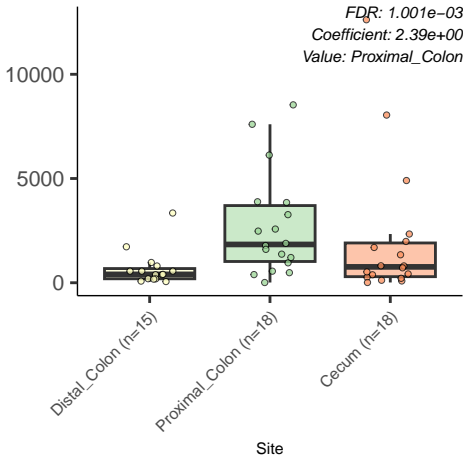


Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillosp

FDR: $9.400e-04$
Coefficient: $1.25e+00$
Value: Cecum

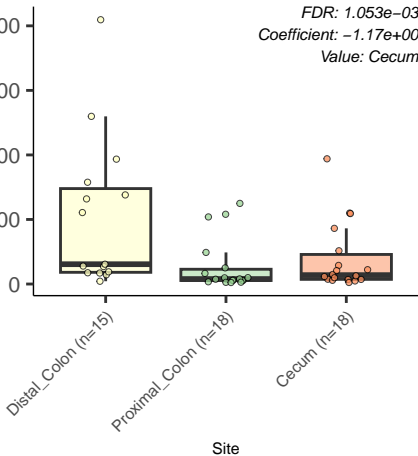


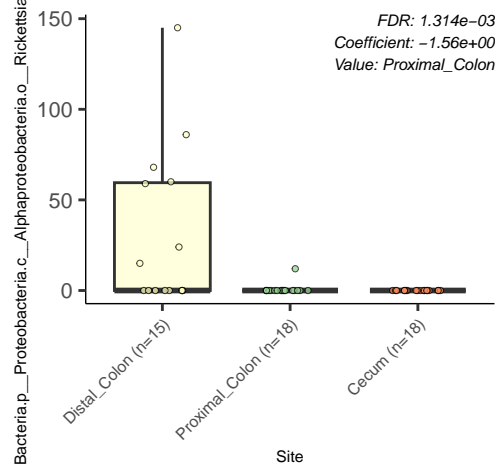
a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospiraceae



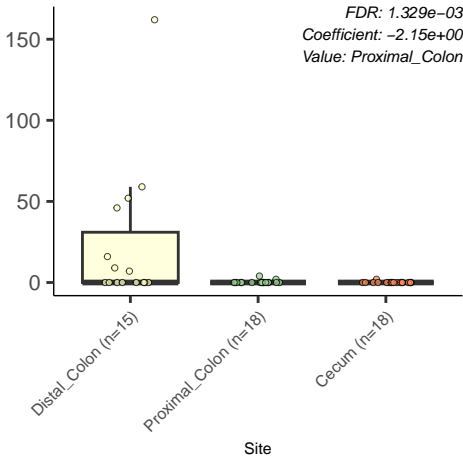
Bacteria.p__Firmicutes.c__Bacilli.o__Lactobacillales.f__Lactobac

FDR: 1.053e-03
Coefficient: -1.17e+00
Value: Cecum



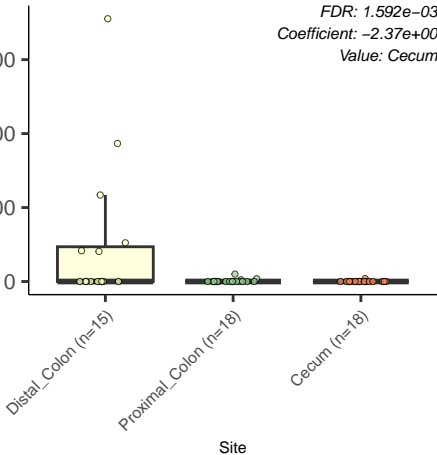


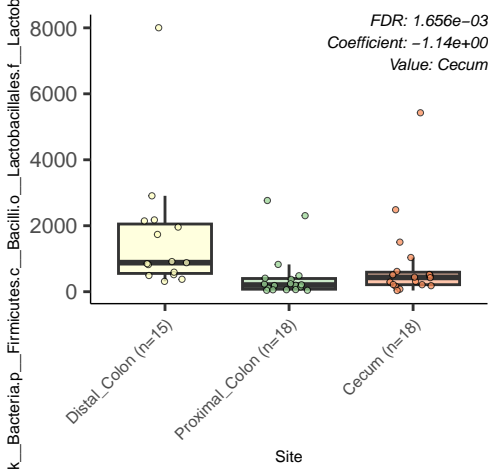
p__Proteobacteria.c__Alphaproteobacteria.o__Rhizobiales.f__Xanth

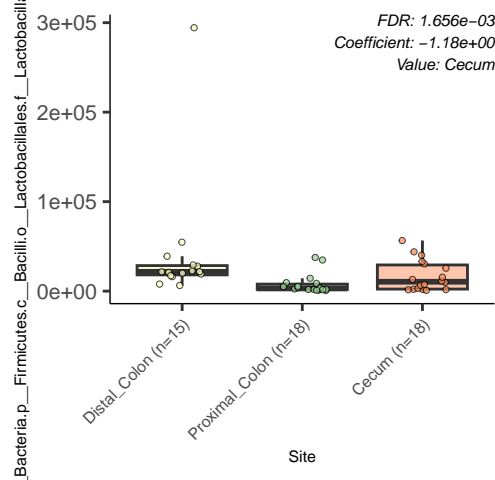


k__Bacteria.p__Firmicutes.c__Bacilli.o__Bacillales.f__Bacillaceae

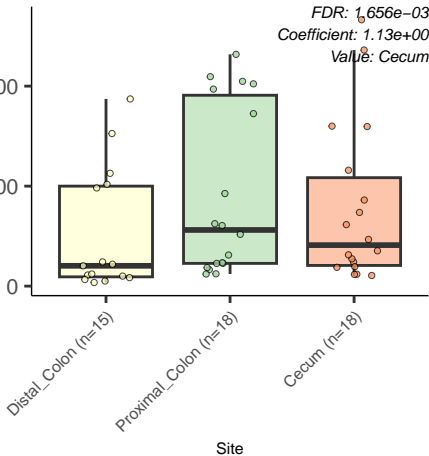
FDR: 1.592e-03
Coefficient: -2.37e+00
Value: Cecum



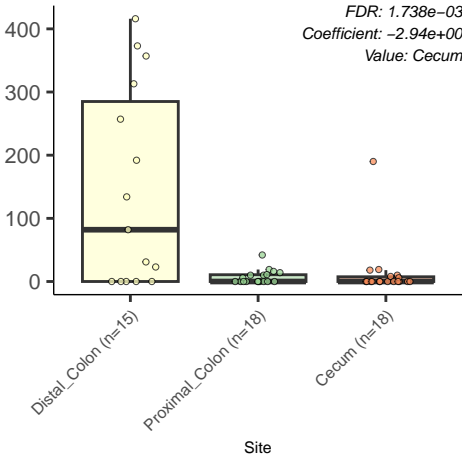




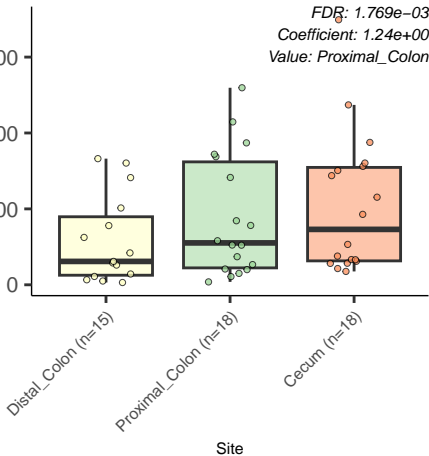
Bacteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Oscillospirillum



Firmicutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__

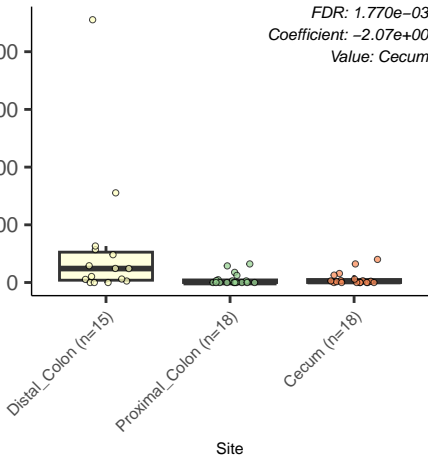


acteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminoc

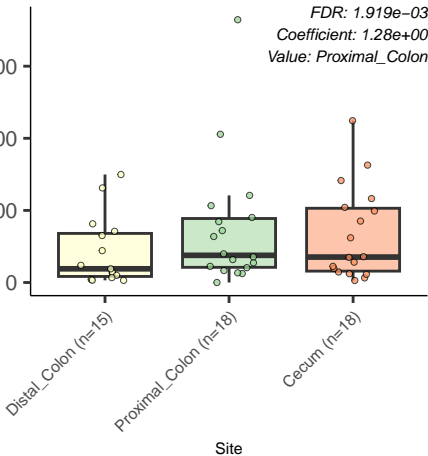


acteria.p__Firmicutes.c__Bacilli.o__Staphylococcales.f__Staphylococ

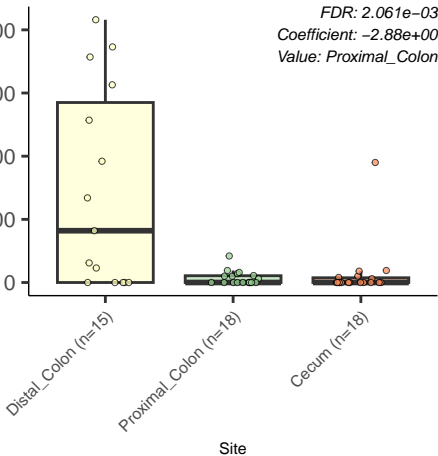
FDR: 1.770e-03
Coefficient: -2.07e+00
Value: Cecum



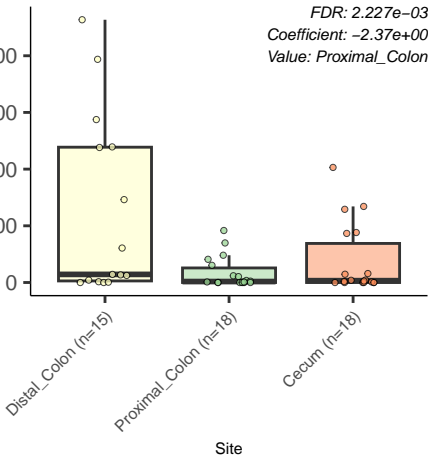
k_Bacteria.p_Firmicutes.c_Clostridia.o_Peptococcales.f_P



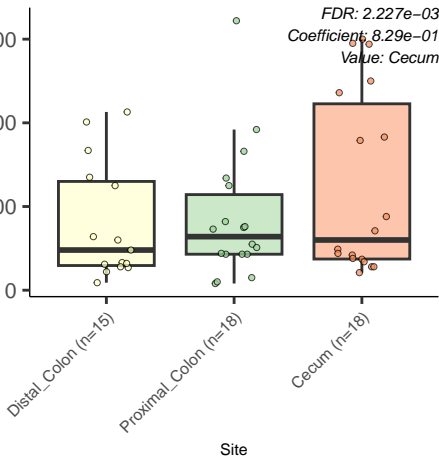
Firmicutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__



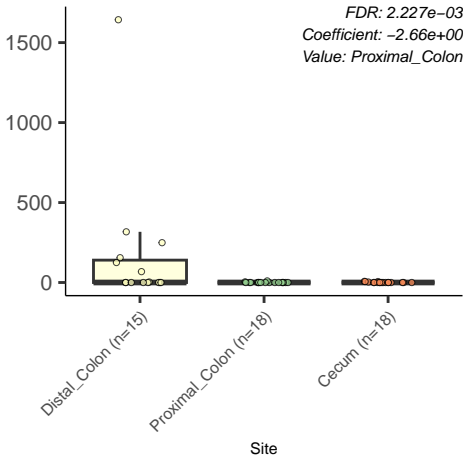
.p_Actinobacteriota.c_Actinobacteria.o_Bifidobacteriales.f_Bifidobacteriales

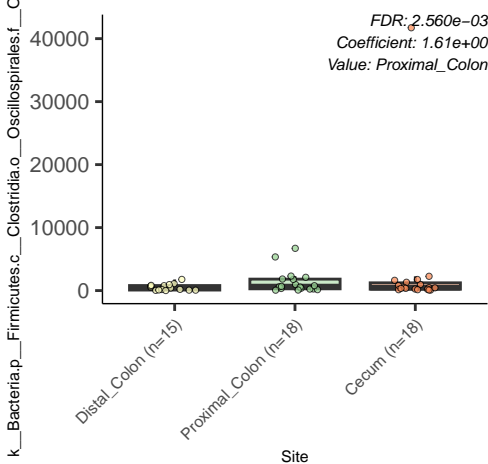


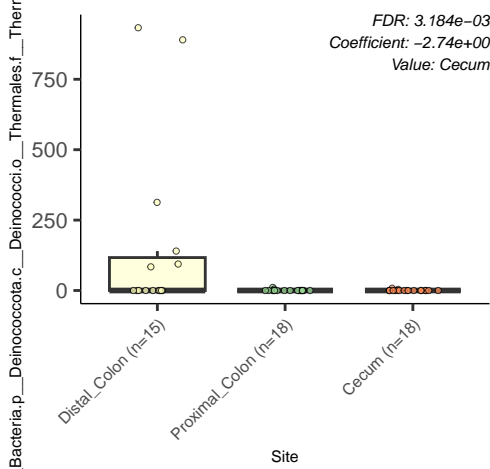
Bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Mar



o_Proteobacteria.c__Gammaproteobacteria.o__Pseudomonadales







Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae

2000

1500

1000

500

0

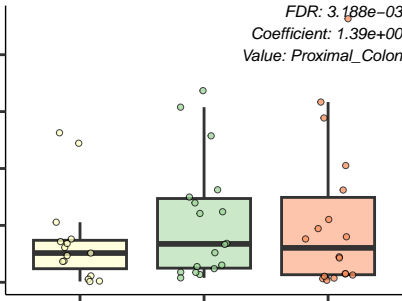
Distal_Colon (n=15)

Proximal_Colon (n=18)

Cecum (n=18)

Site

FDR: $3.188e-03$
Coefficient: $1.39e+00$
Value: Proximal_Colon



a.p__Desulfobacterota.c__Desulfovibrionia.o__Desulfovibrionales.f

600
400
200
0

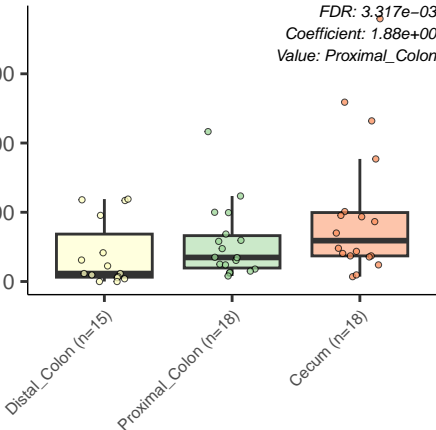
Distal_Colon (n=15)

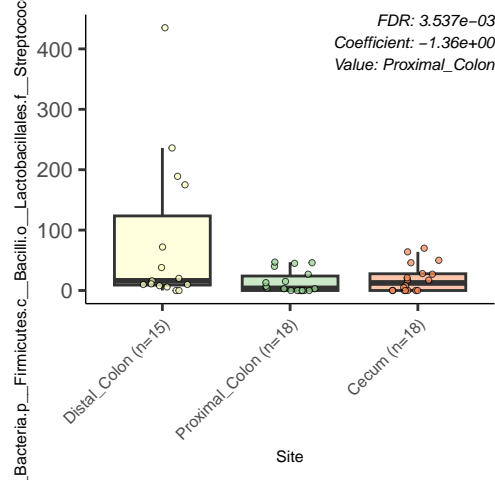
Proximal_Colon (n=18)

Cecum (n=18)

Site

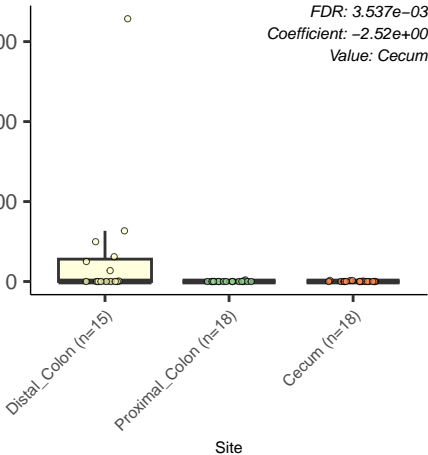
FDR: $3.317e-03$
Coefficient: $1.88e+00$
Value: Proximal_Colon

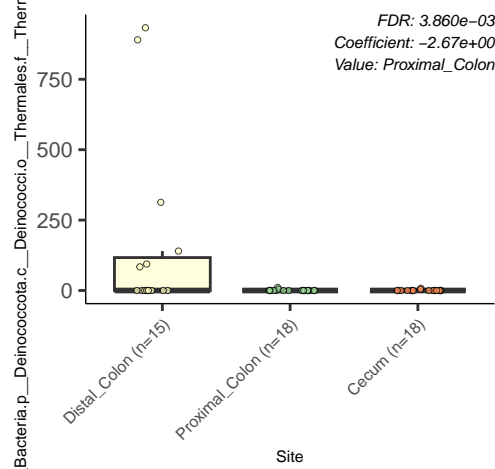




o__Proteobacteria.c__Gammaproteobacteria.o__Pseudomonadales

FDR: $3.537e-03$
Coefficient: $-2.52e+00$
Value: Cecum

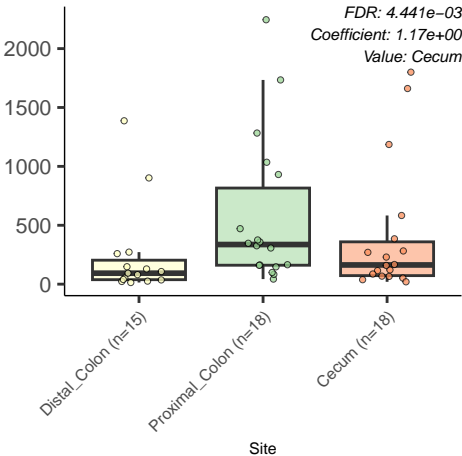


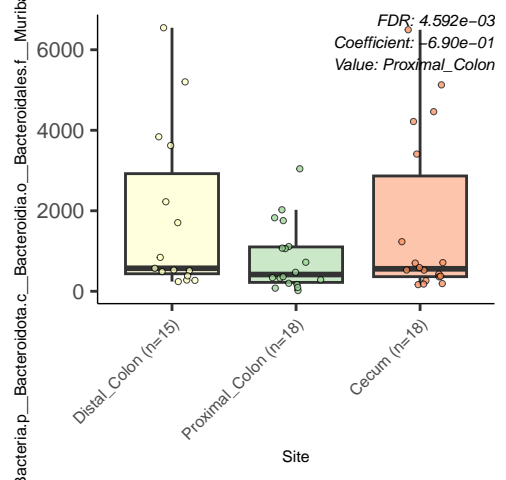


Cecum (n=18)

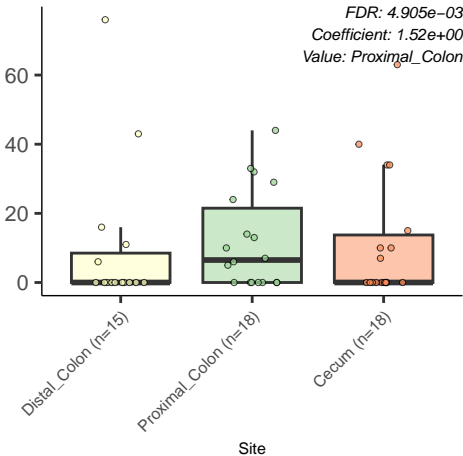
FDR: 4.030e-03
Coefficient: -1.82e+00
Value: Proximal_Colon

k_Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_La

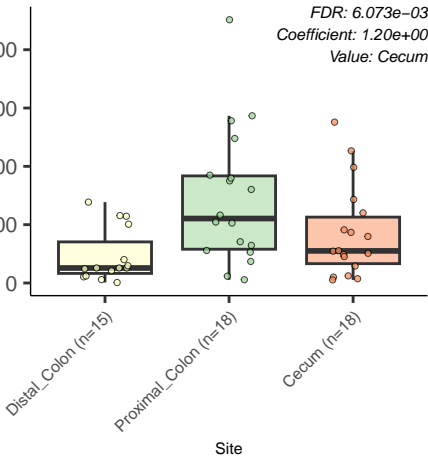


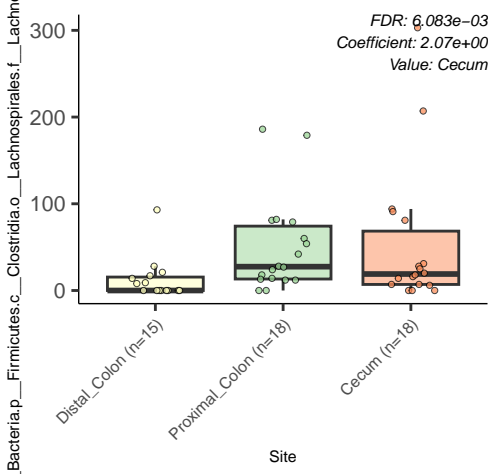


a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace

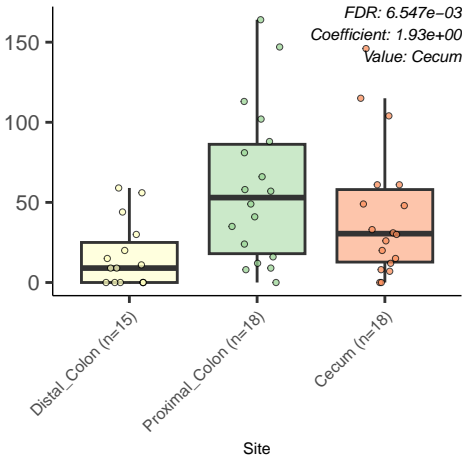


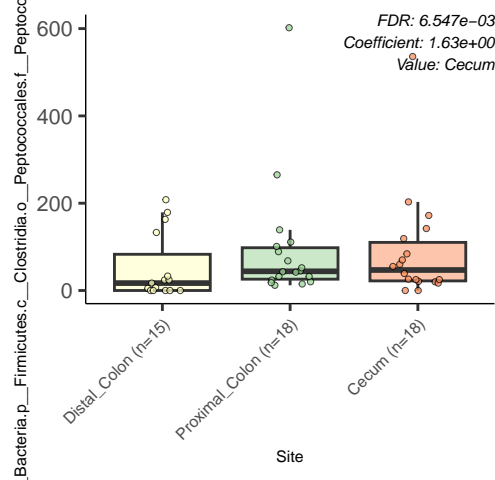
Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachn



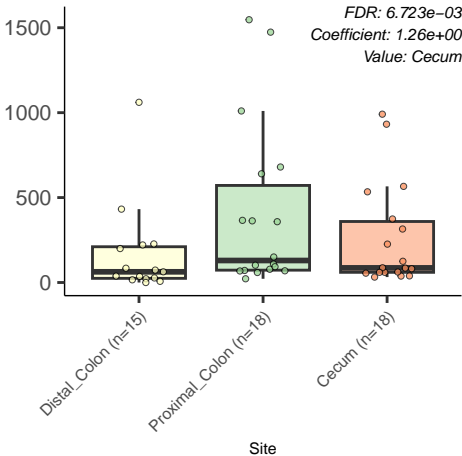


Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Butyric



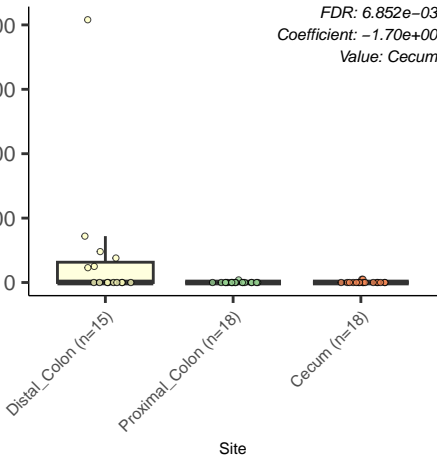


Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachno

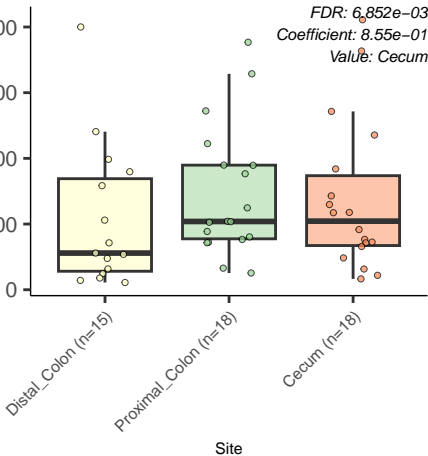


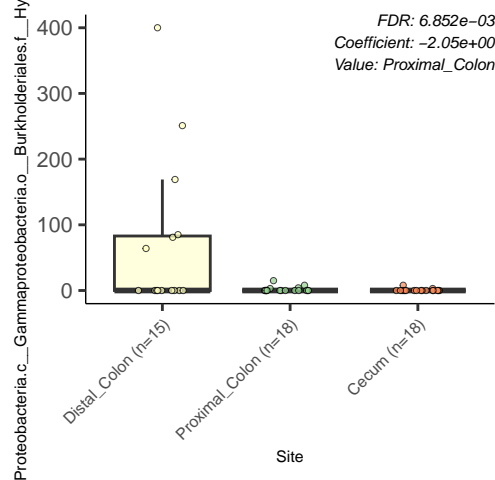
k__Bacteria.p__Bacteroidota.c__Bacteroidia.o__Sphingobacteriales

FDR: $6.852e-03$
Coefficient: $-1.70e+00$
Value: Cecum

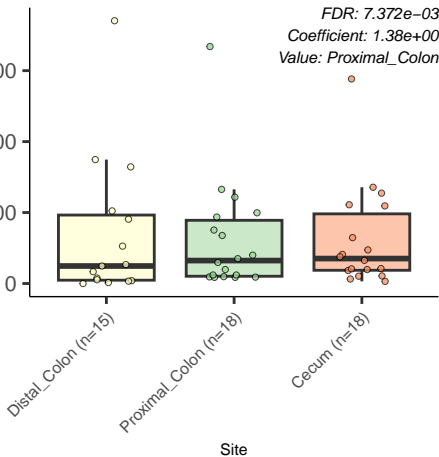


acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp



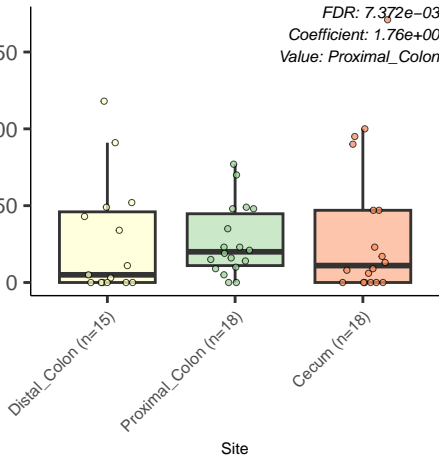


k_Bacteria.p__Cyanobacteria.c__Vampirivibrionia.o__Gastrana



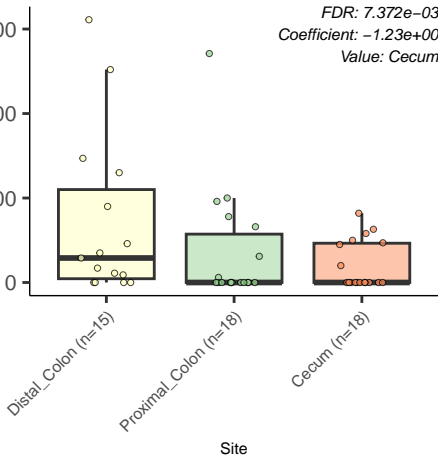
Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillosp

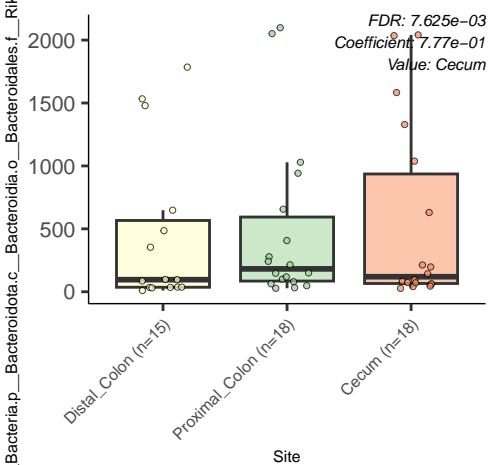
FDR: 7.372e-03
Coefficient: 1.76e+00
Value: Proximal_Colon

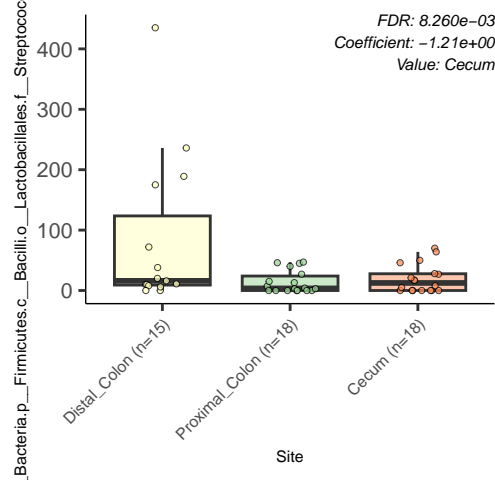


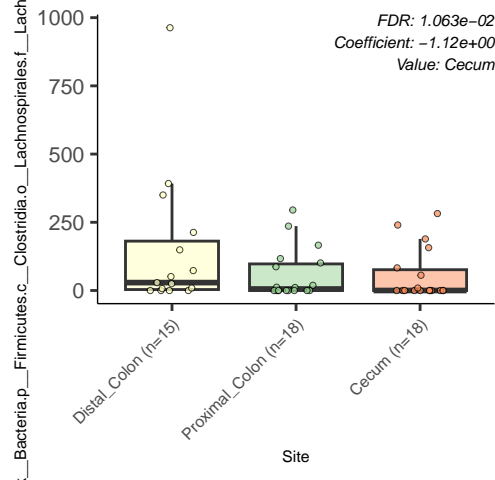
oteobacteria.c__Gammaproteobacteria.o__Enterobacterales.f__Ent

FDR: $7.372e-03$
Coefficient: $-1.23e+00$
Value: Cecum

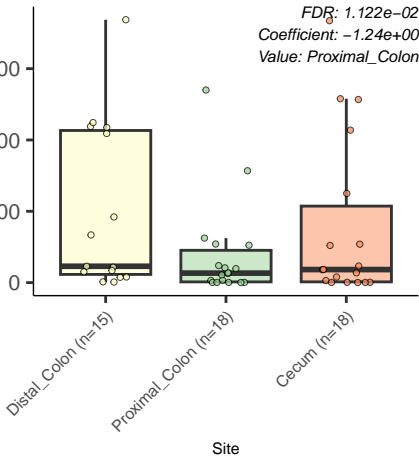






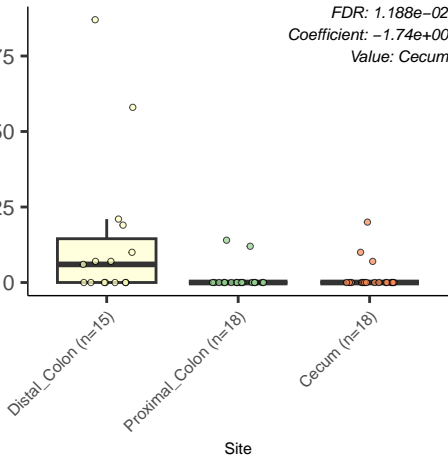


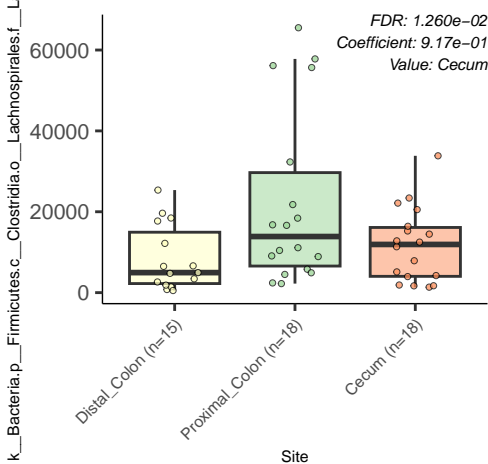
Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipel



cteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminoco

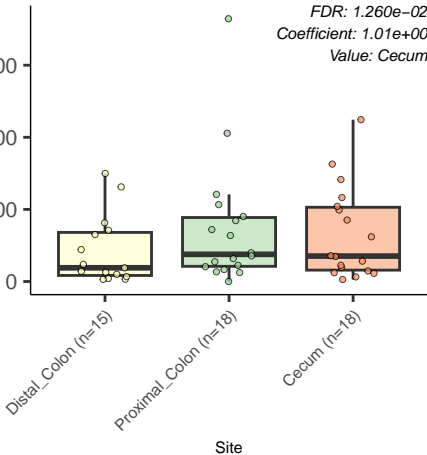
FDR: $1.188e-02$
Coefficient: $-1.74e+00$
Value: Cecum



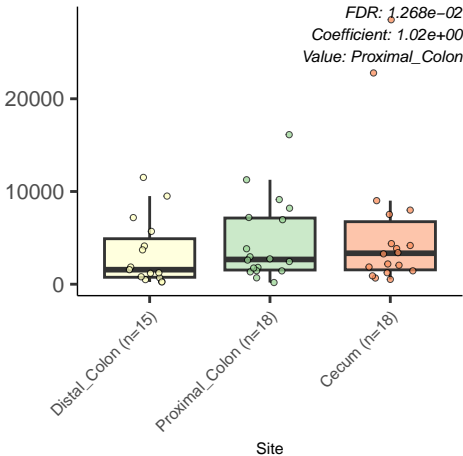


k_Bacteria.p_Firmicutes.c_Clostridia.o_Peptococcales.f_P

FDR: 1.260e-02
Coefficient: 1.01e+00
Value: Cecum

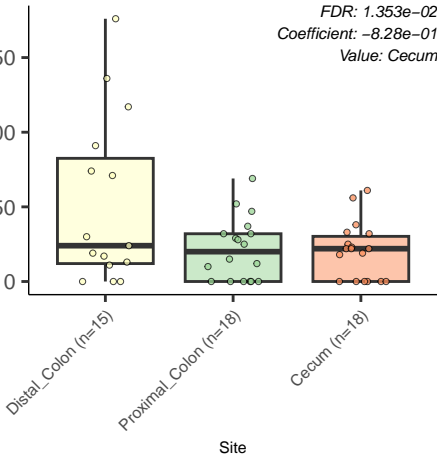


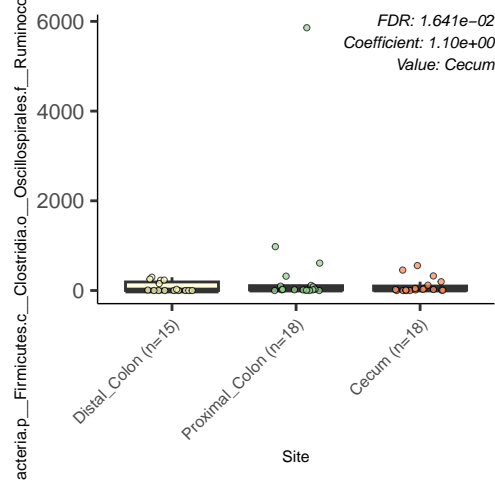
a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace



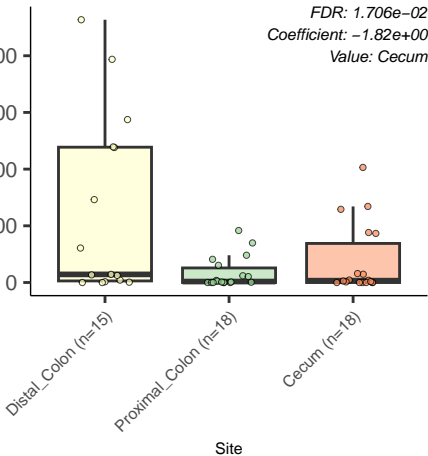
k_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Liste

FDR: $1.353e-02$
Coefficient: $-8.28e-01$
Value: Cecum

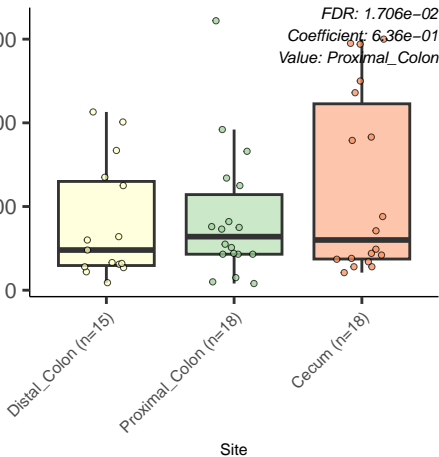




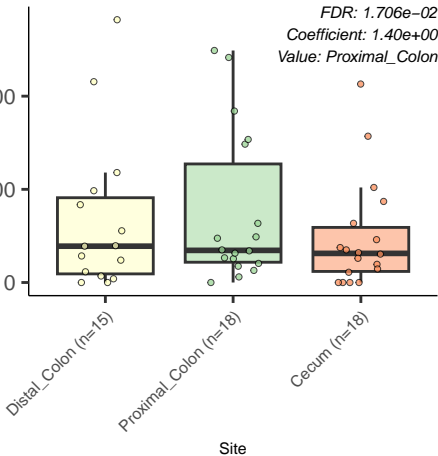
.p__Actinobacteriota.c__Actinobacteria.o__Bifidobacteriales.f__Bifidobacteri



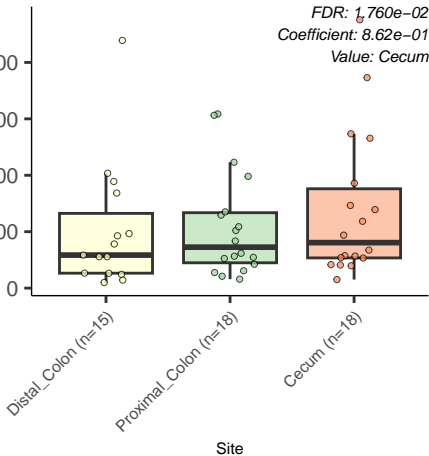
Bacteria.p_Bacteroidota.c_Bacteroidia.o_Bacteroidales.f_Mar



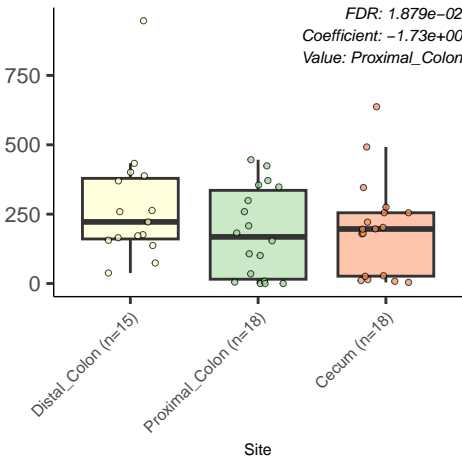
a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace

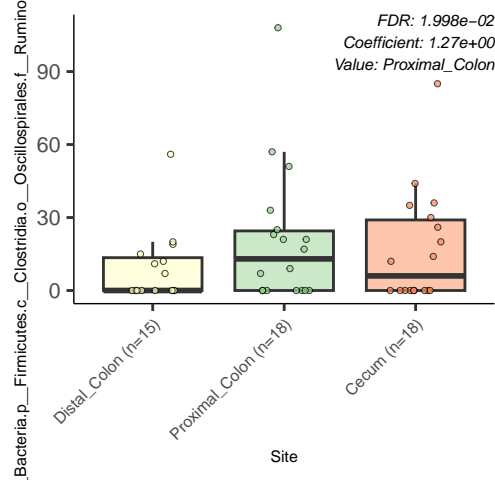


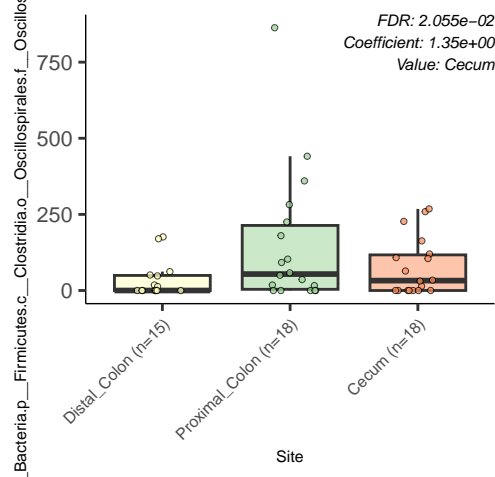
Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos

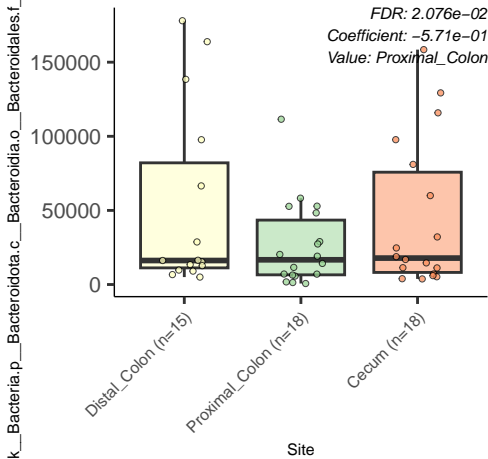


Proteobacteria.c__Gammaproteobacteria.o__Pseudomonadales.f

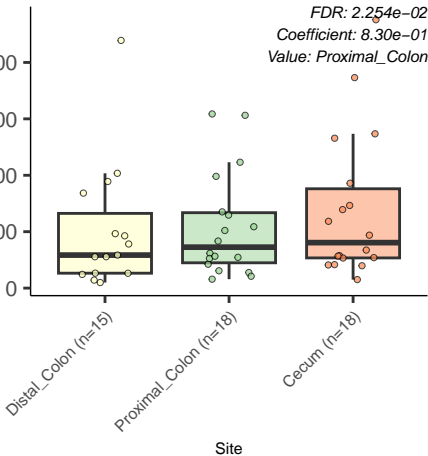








Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lachnos



acteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp

FDR: $2.435e-02$
Coefficient: $9.01e-01$
Value: Proximal_Colon

2000

1000

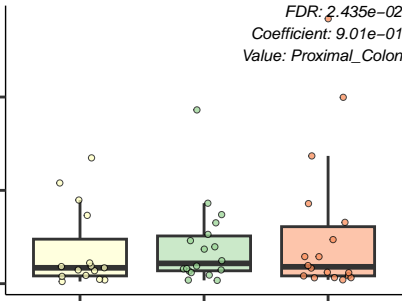
0

Distal_Colon (n=15)

Proximal_Colon (n=18)

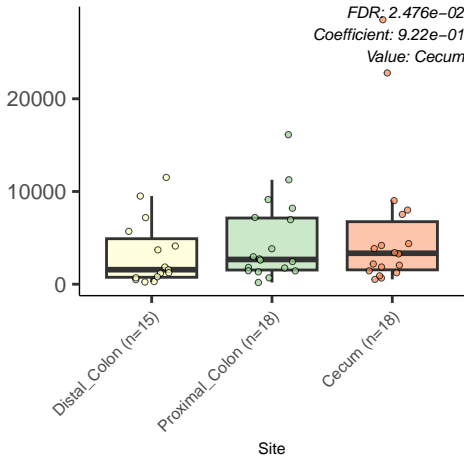
Cecum (n=18)

Site

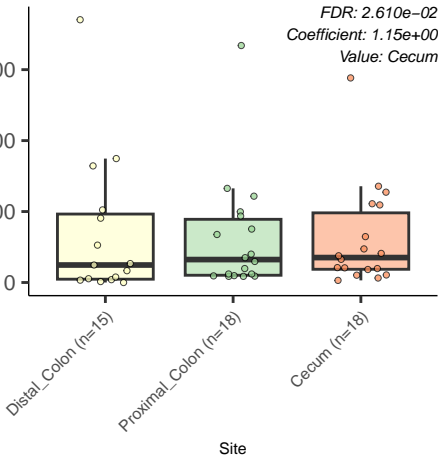


a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace

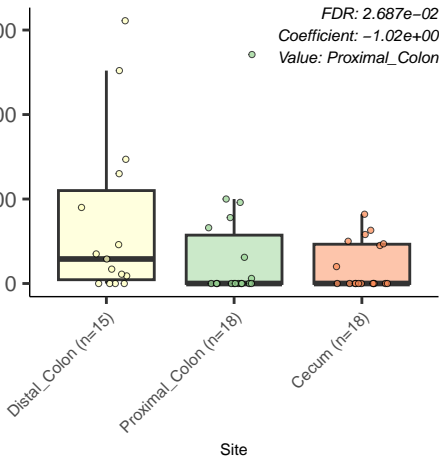
FDR: $2.476e-02$
Coefficient: $9.22e-01$
Value: Cecum



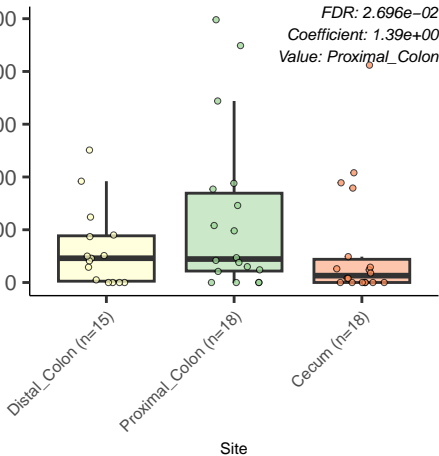
k_Bacteria.p__Cyanobacteria.c__Vampirivibrionia.o__Gastrana



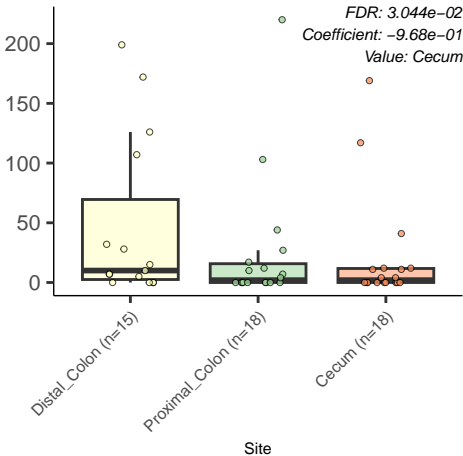
oteobacteria.c__Gammaproteobacteria.o__Enterobacterales.f__Ent



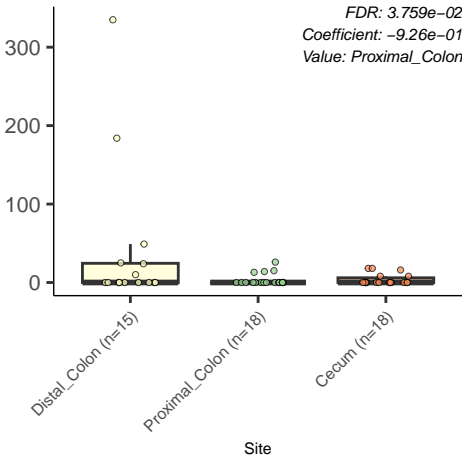
Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g



Bacteria.p_Firmicutes.c_Clostridia.o_Monoglobales.f_Monog

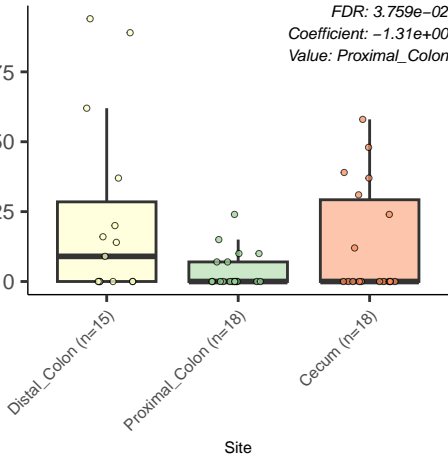


Bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Prev

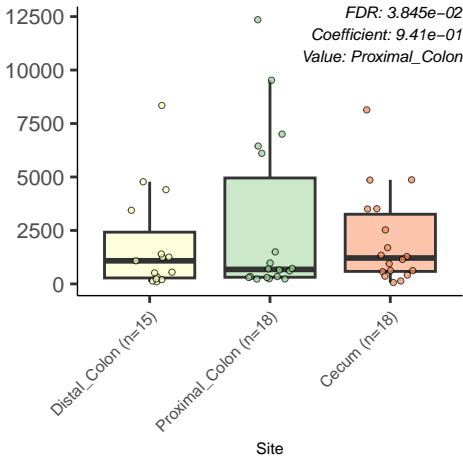


icutes.c__Clostridia.o__Peptostreptococcales.Tissierellales.f__Anaer

FDR: 3.759×10^{-2}
Coefficient: -1.31×10^0
Value: Proximal_Colon

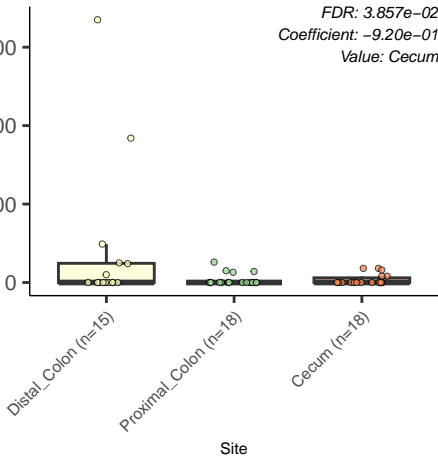


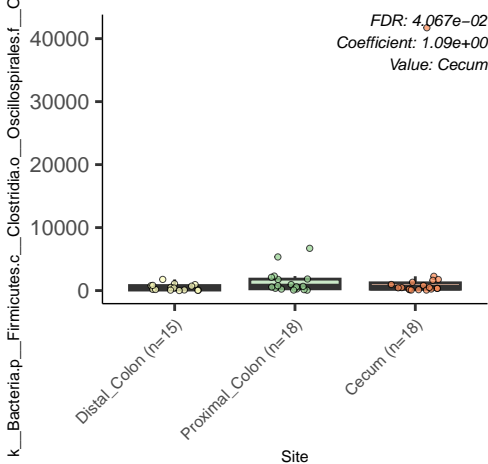
Desulfobacterota.c_Desulfovibrionia.o_Desulfovibrionales.f_D

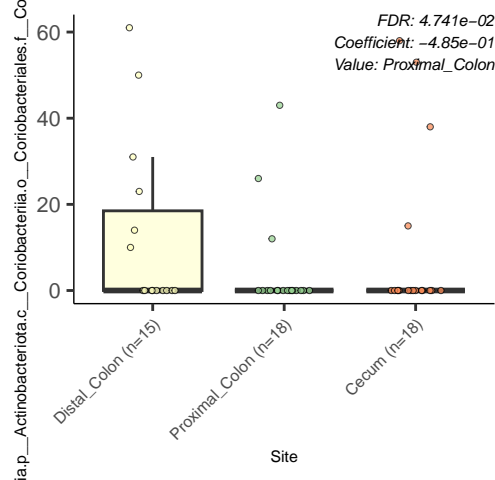


Bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Prev

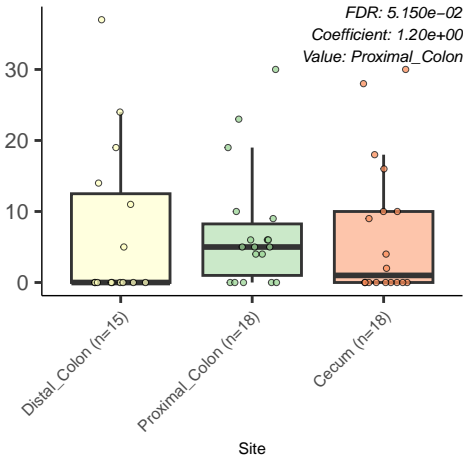
FDR: $3.857e-02$
Coefficient: $-9.20e-01$
Value: Cecum



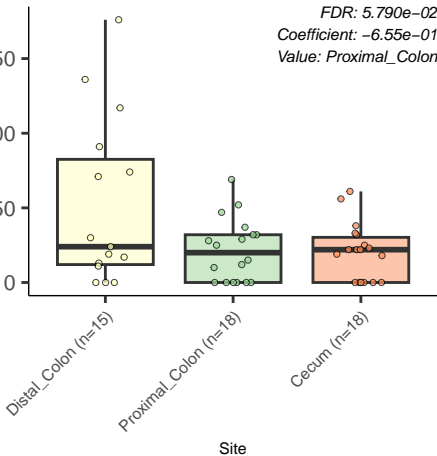




Bacteria.p_Firmicutes.c_Clostridia.o_Eubacteriales.f_Anaerob

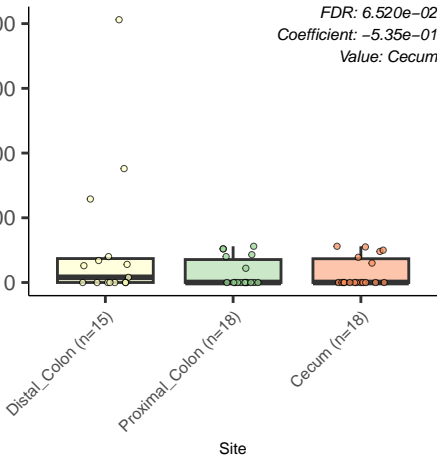


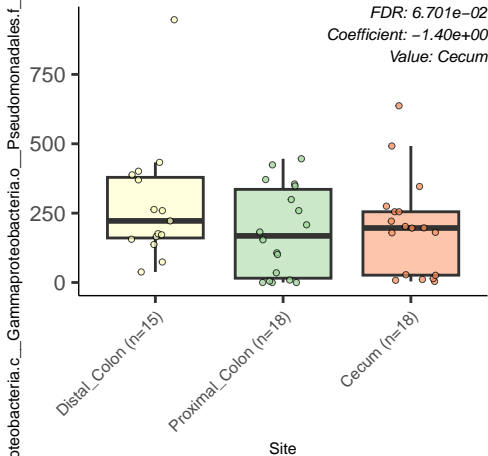
k_Bacteria.p_Firmicutes.c_Bacilli.o_Lactobacillales.f_Liste



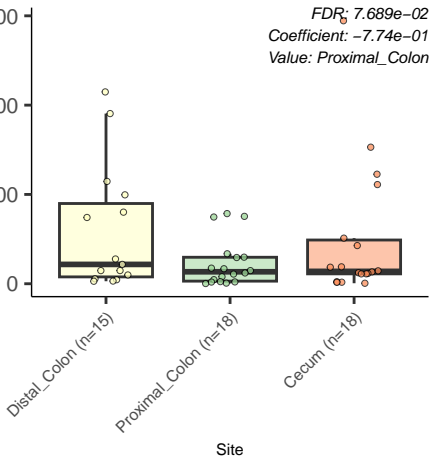
k_Bacteria.p_Firmicutes.c_Bacilli.o_Bacillales.f_Bacilla

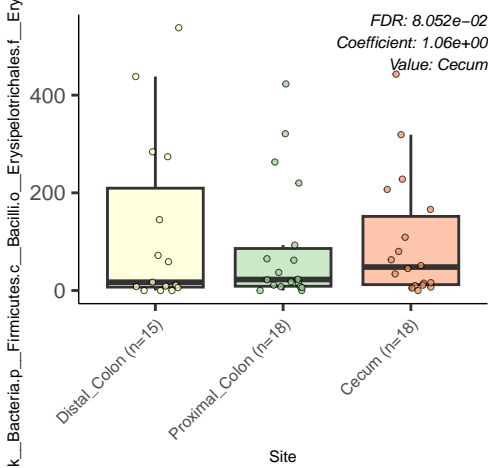
FDR: $6.520e-02$
Coefficient: $-5.35e-01$
Value: Cecum

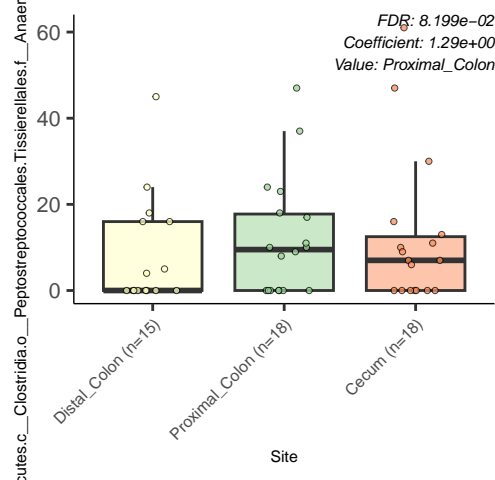




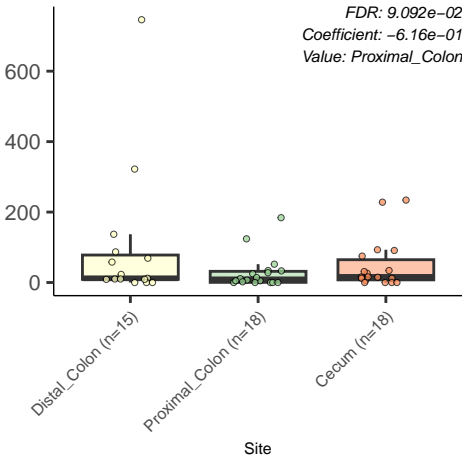
Actinobacteriota.c__Coriobacteriia.o__Coriobacteriales.f__Atopob

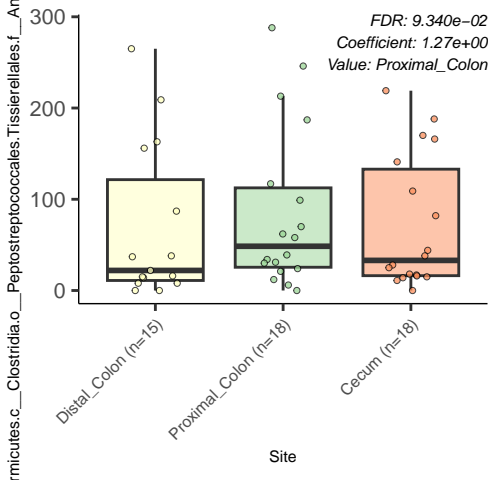




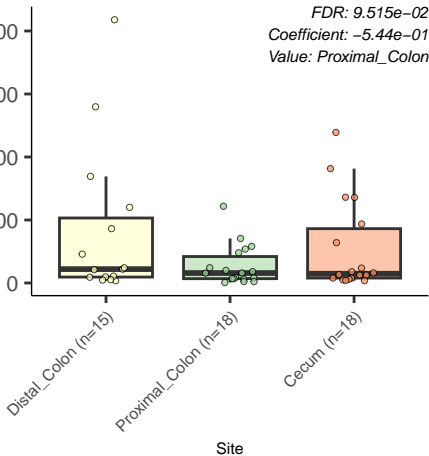


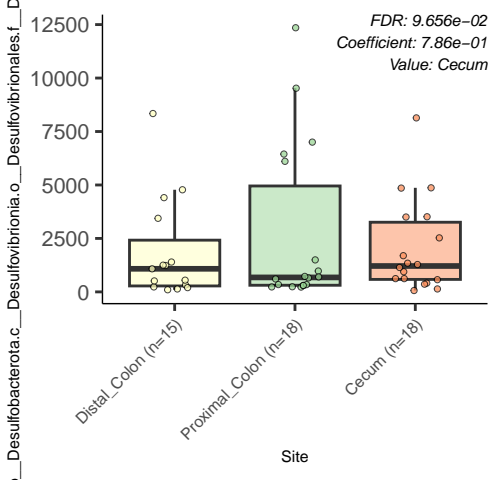
k_Bacteria.p__Proteobacteria.c__Alphaproteobacteria.o__Rho



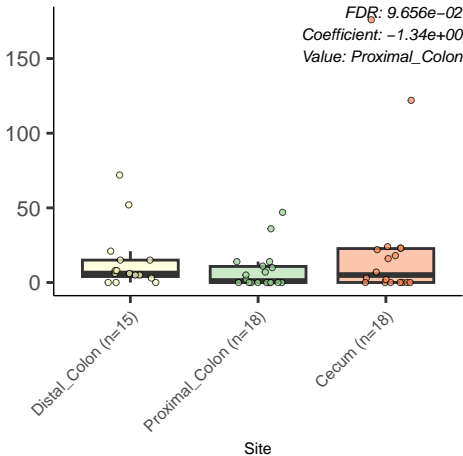


Bacteria.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Bacte



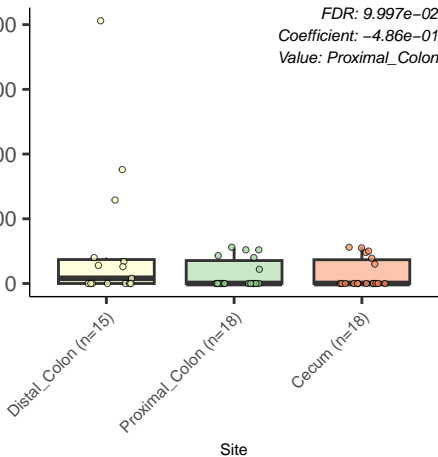


k_Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f

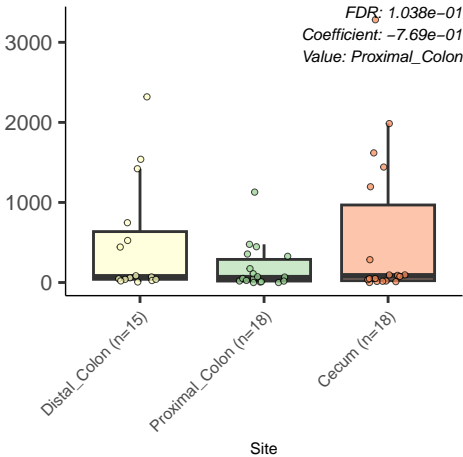


k_Bacteria.p__Firmicutes.c__Bacilli.o__Bacillales.f__Bacilla

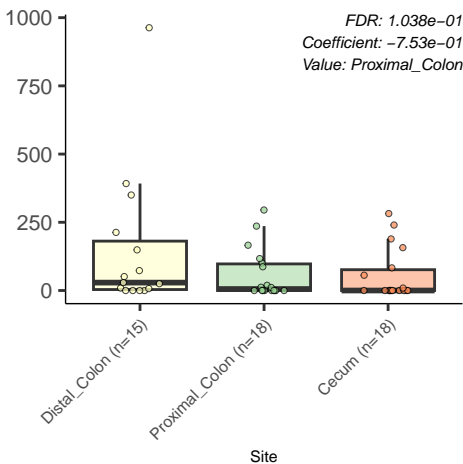
FDR: $9.997e-02$
Coefficient: $-4.86e-01$
Value: Proximal_Colon



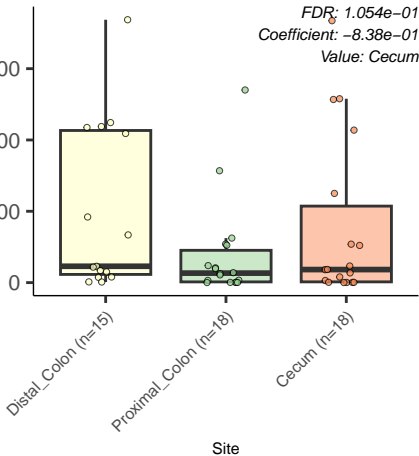
.p__Bacteroidota.c__Bacteroidia.o__Bacteroidales.f__Rikenellaceae

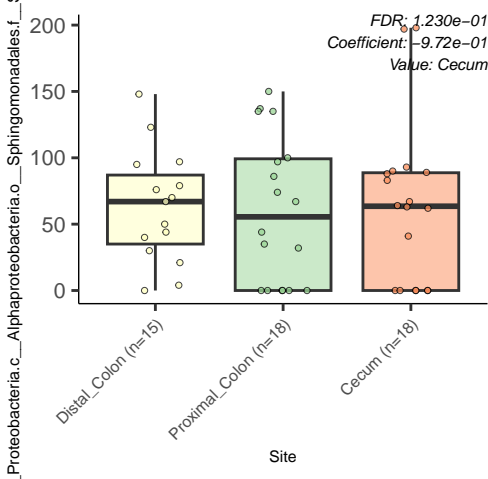


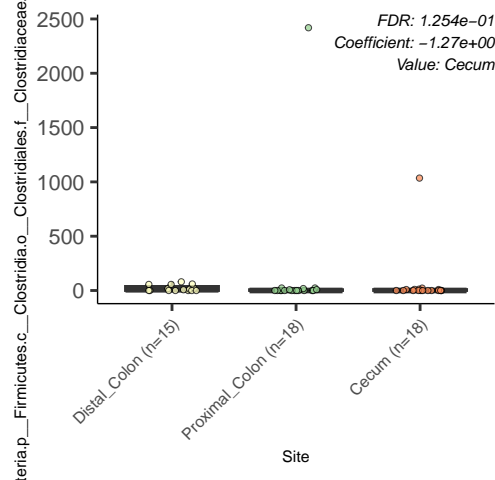
...Bacteria.p_Firmicutes.c_Clostridia.o_Lachnospirales.f_Lach



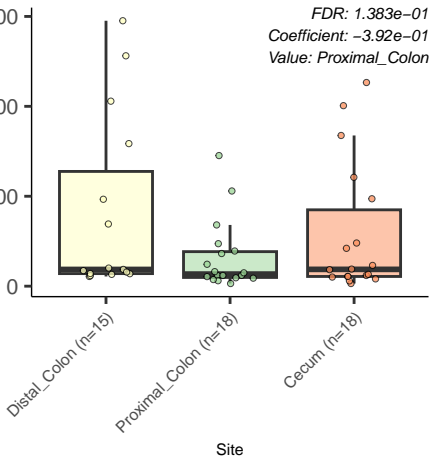
Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Erysipel

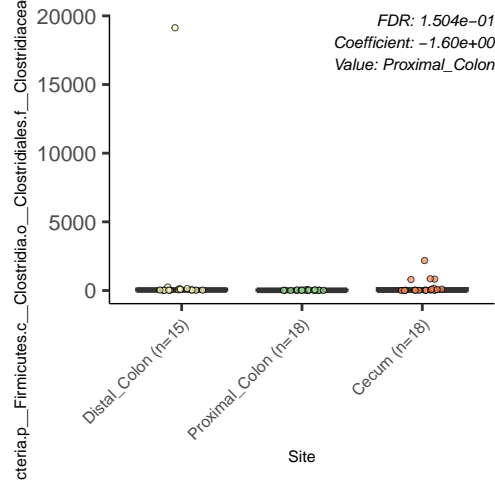






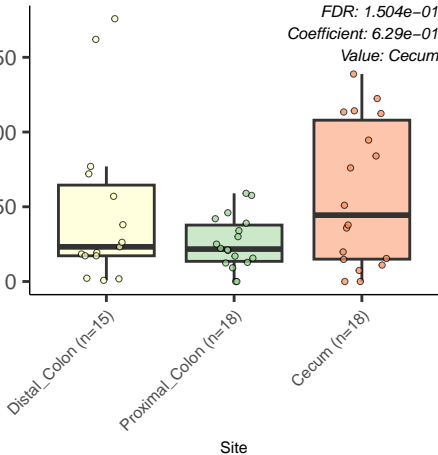
.p__Proteobacteria.c__Gammaproteobacteria.o__Burkholderiales.f__

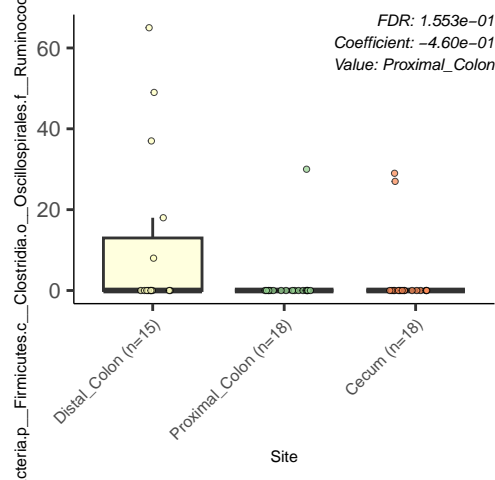




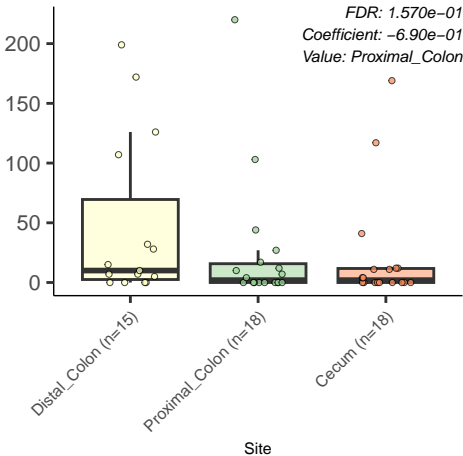
eria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Eubacterium

FDR: 1.504e-01
Coefficient: 6.29e-01
Value: Cecum



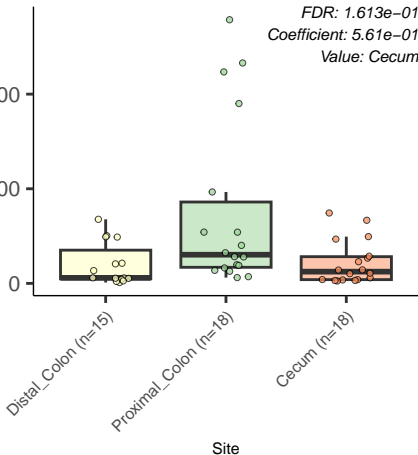


Bacteria.p_Firmicutes.c_Clostridia.o_Monoglobales.f_Monog



Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae.g__

FDR: 1.613e-01
Coefficient: 5.61e-01
Value: Cecum



bacteria.p__Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnosp

FDR: 1.839e-01
Coefficient: 5.94e-01
Value: Cecum

2000

1000

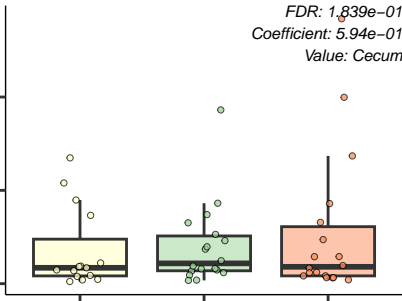
0

Distal_Colon (n=15)

Proximal_Colon (n=18)

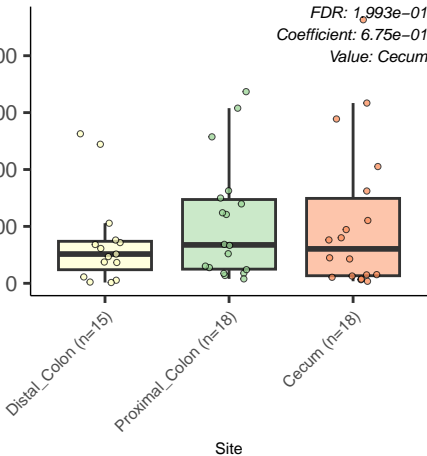
Cecum (n=18)

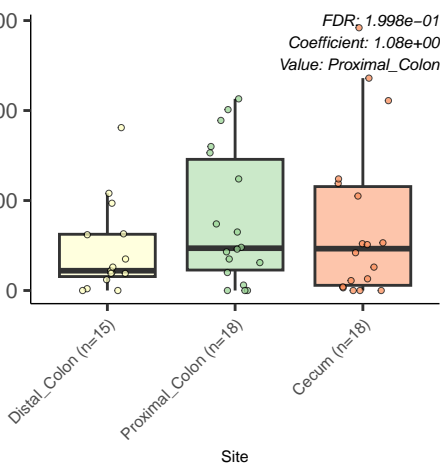
Site



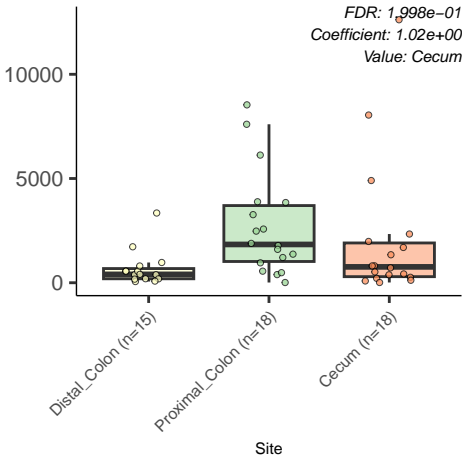
Firmicutes.c__Clostridia.o__Lachnospirales.f__Lachnospiraceae

FDR: 1.993e-01
Coefficient: 6.75e-01
Value: Cecum

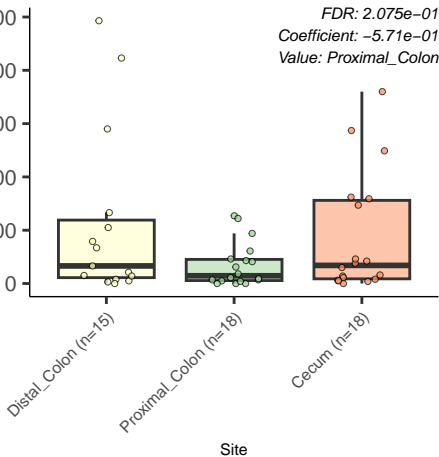


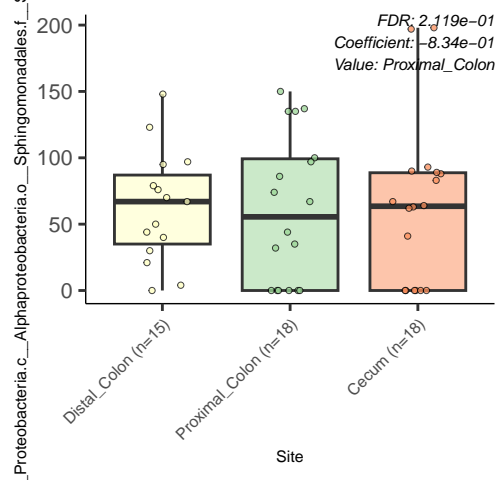


a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace

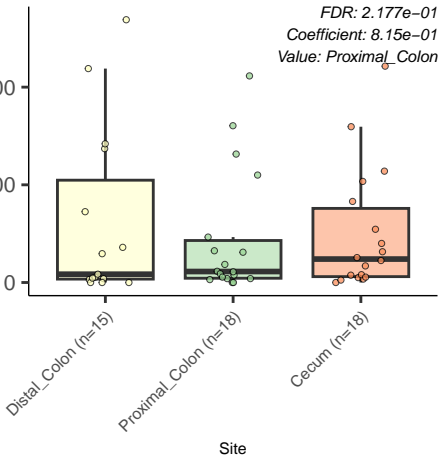


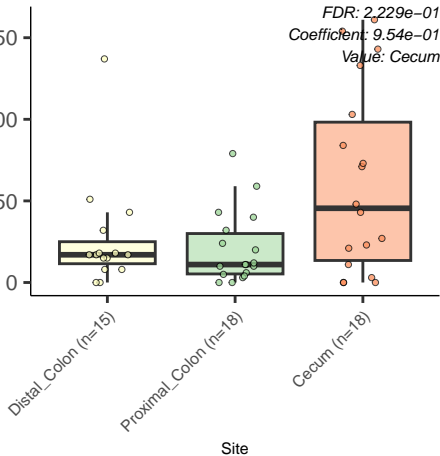
Firmicutes.c__Clostridia.o__Christensenellales.f__Christensenellac





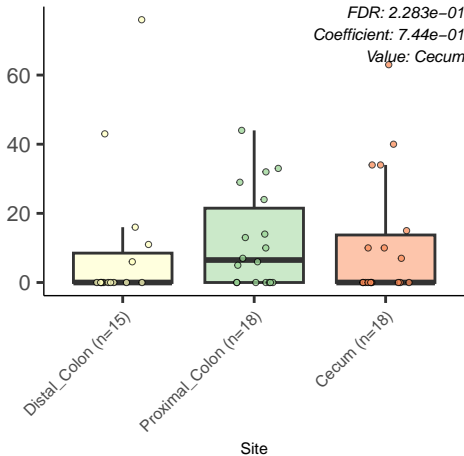
k_Bacteria.p_Firmicutes.c_Bacilli.o_Erysipelotrichales.f_Ery





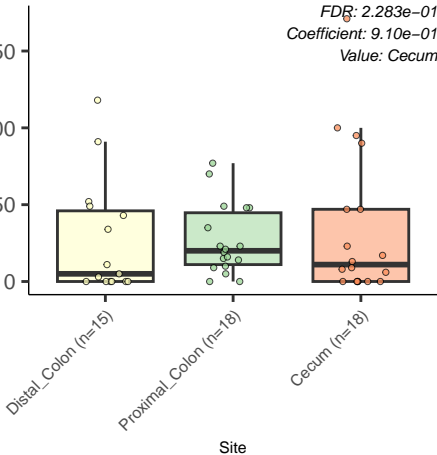
a.p._Firmicutes.c._Clostridia.o._Lachnospirales.f._Lachnospirace

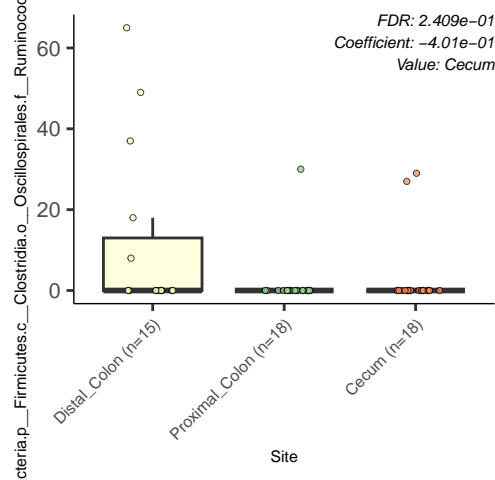
FDR: 2.283e-01
Coefficient: 7.44e-01
Value: Cecum



Bacteria.p_Firmicutes.c_Clostridia.o_Oscillospirales.f_Oscillosp

FDR: 2.283e-01
Coefficient: 9.10e-01
Value: Cecum





acteria.p__Firmicutes.c__Clostridia.o__Oscillospirales.f__Ruminoc

