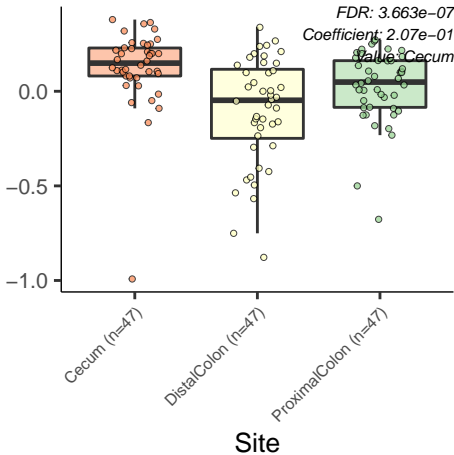
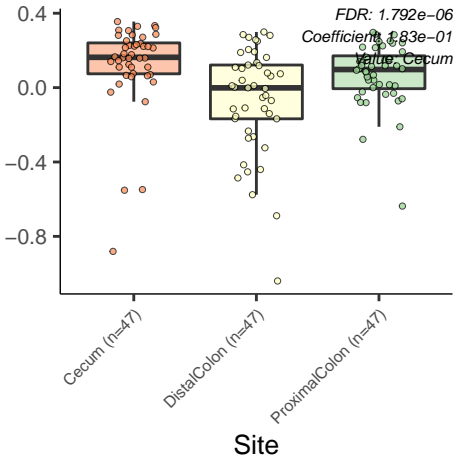


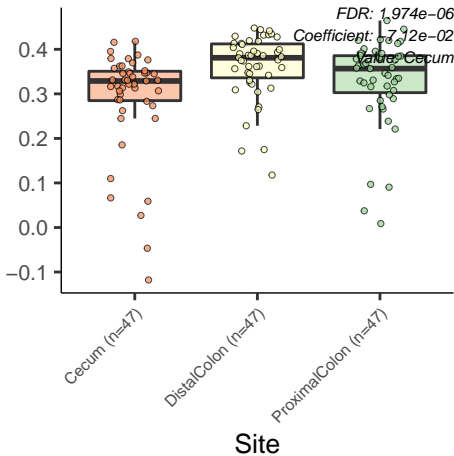
P164.PWY



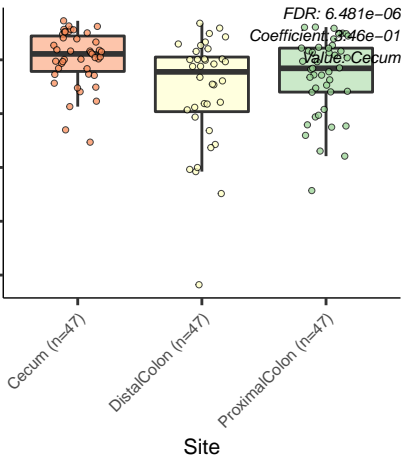
PWY.6608



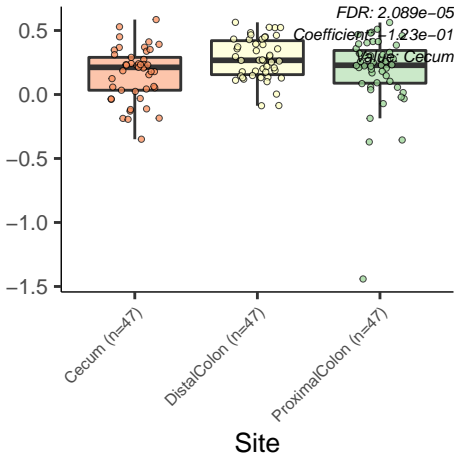
P42.PWY



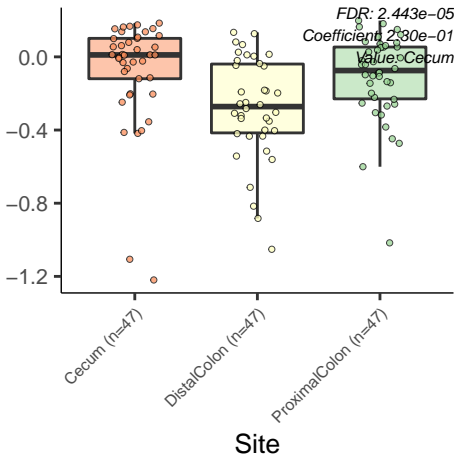
HEXITOLDEGSUPER.PWY



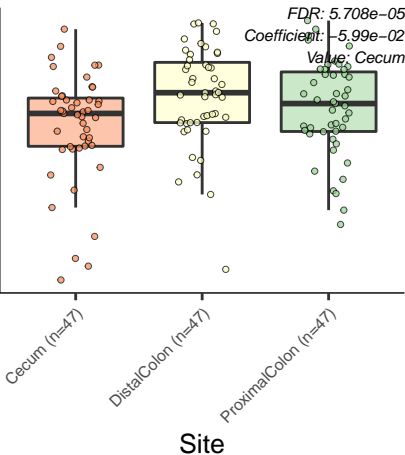
LACTOSECAT.PWY



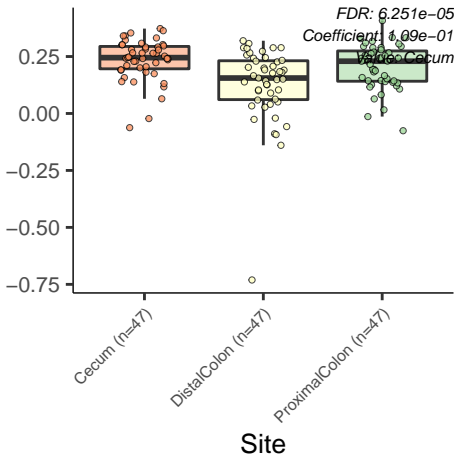
PWY.6588



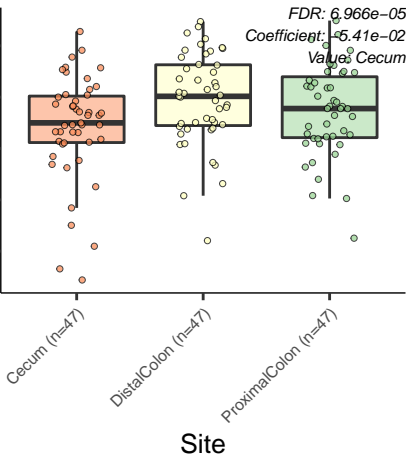
PWY.7200



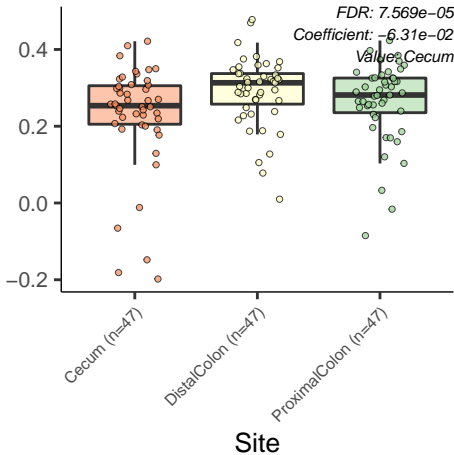
PWY.5188



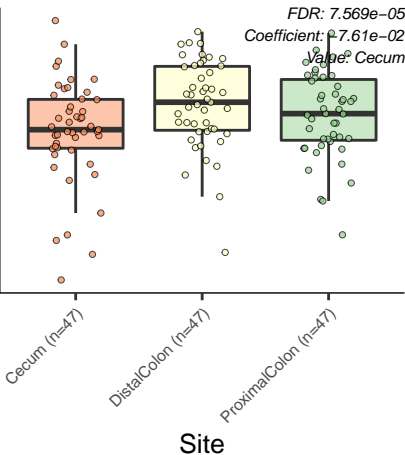
PWY.7196



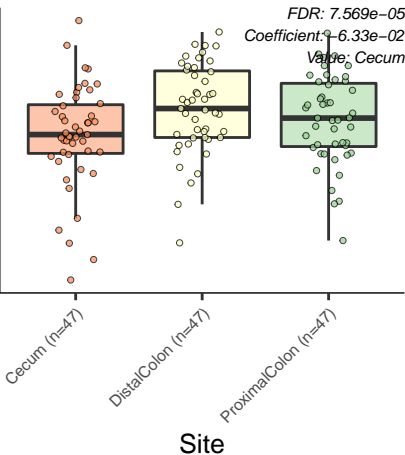
PWY.6700



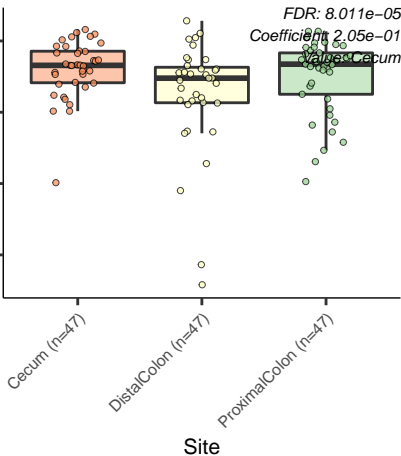
PWY.7184



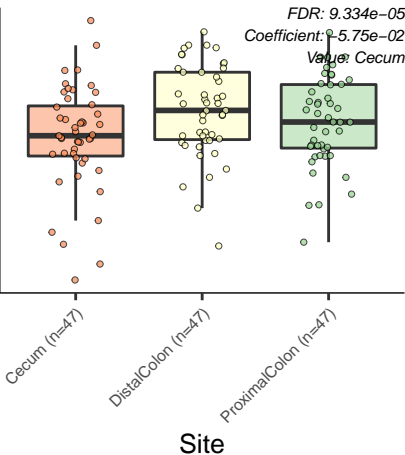
PWY.7228



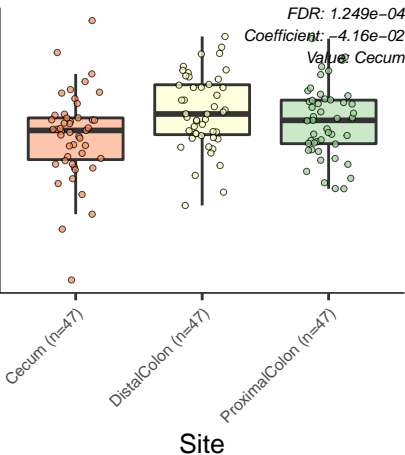
ARG.POLYAMINE.SYN



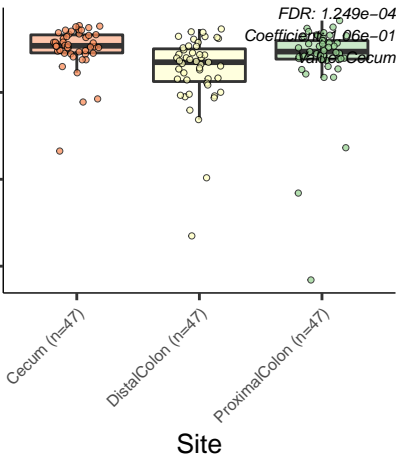
PWY.6125



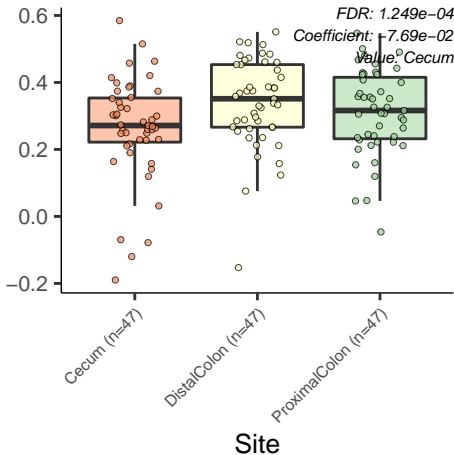
FASYN.ELONG.PWY



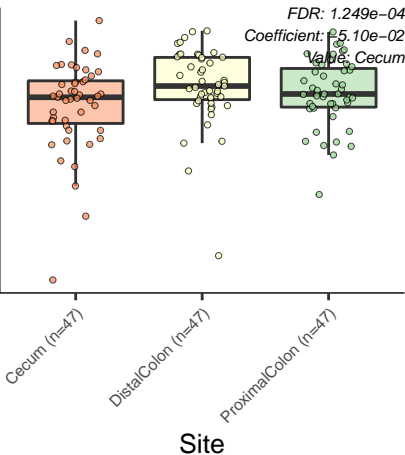
PWY.6269



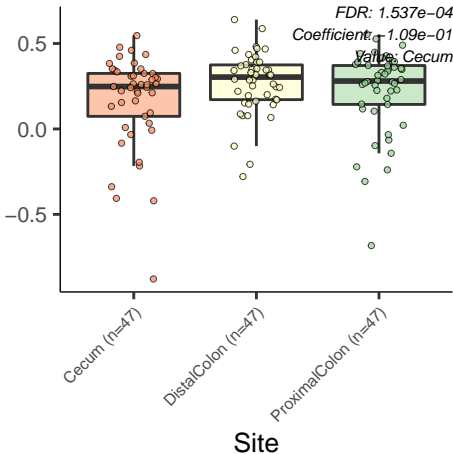
PWY.7197



PWY.7234



PWY.922



PWY.5189

0.0
-0.5
-1.0

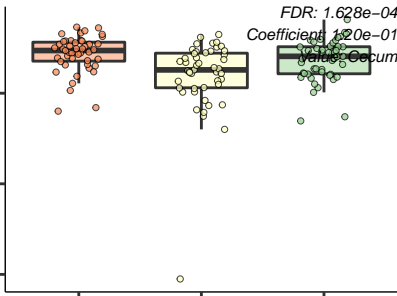
Cecum (n=47)

DistalColon (n=47)

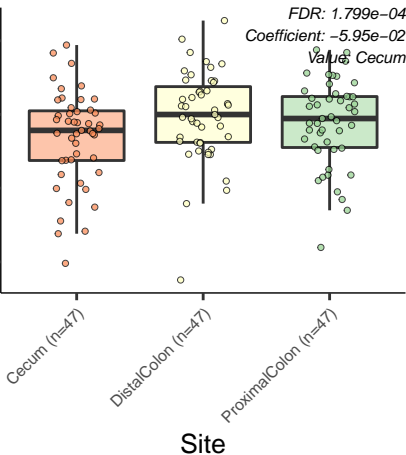
ProximalColon (n=47)

Site

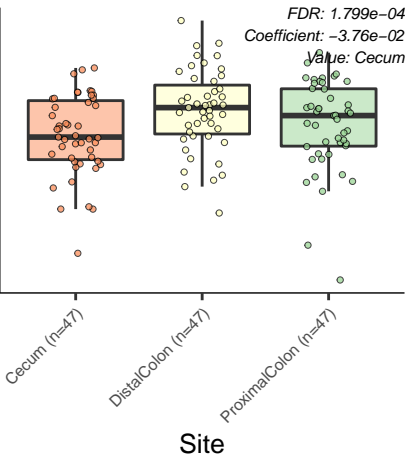
FDR: 1.628e-04
Coefficient: 1.20e-01
Value: Cecum



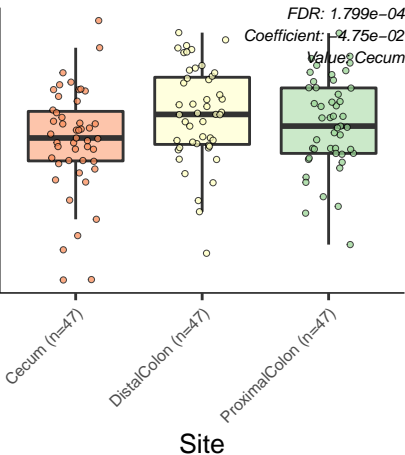
P122.PWY



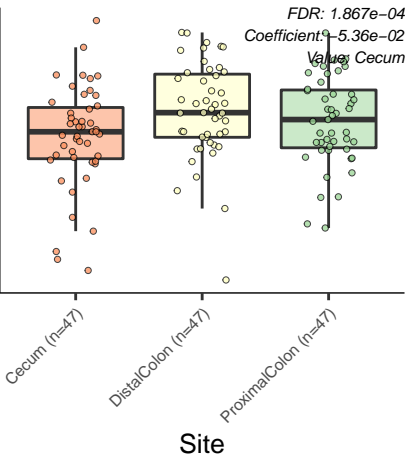
PWY.5695



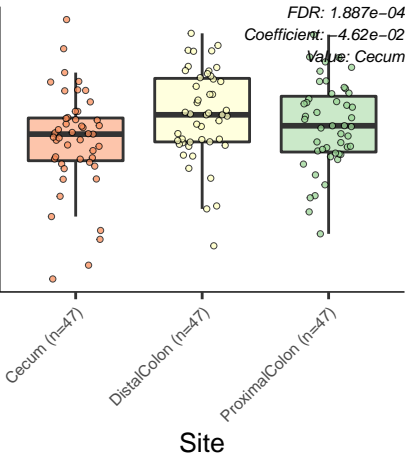
PWY0.162



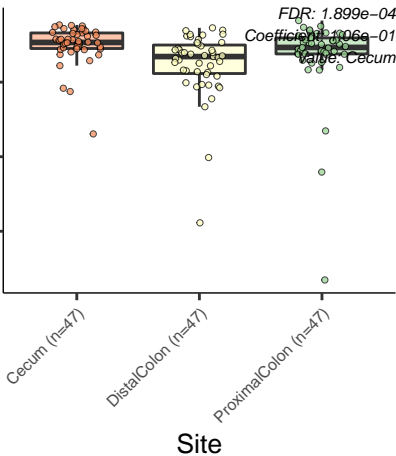
PWY0.166



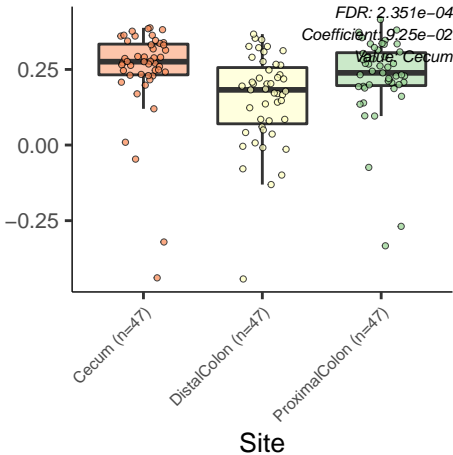
PWY.841



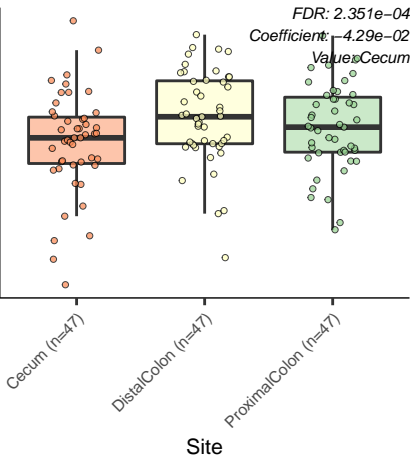
PWY.5509



COBALSYN.PWY



DENOVOPURINE2.PWY



PWY.3781

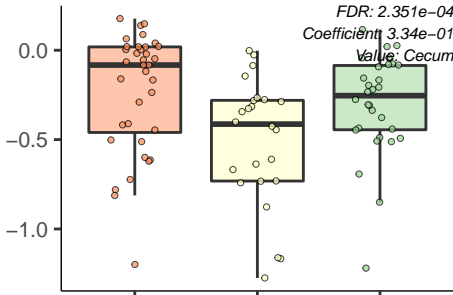
FDR: 2.351e-04
Coefficient: 3.34e-01
Value: Cecum

Cecum (n=47)

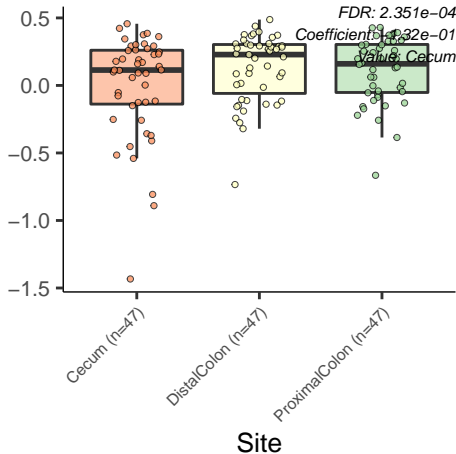
DistalColon (n=47)

ProximalColon (n=47)

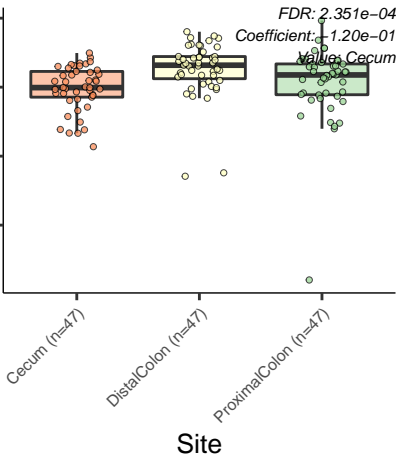
Site



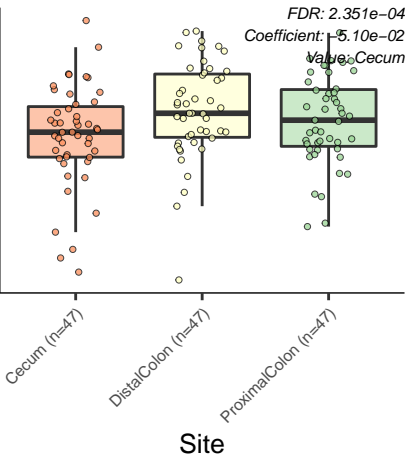
PWY.6628



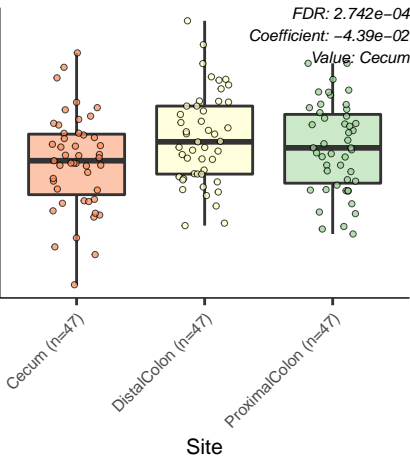
PWY.6901



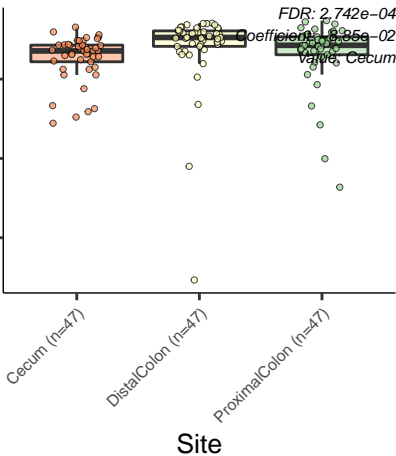
PWY.7187



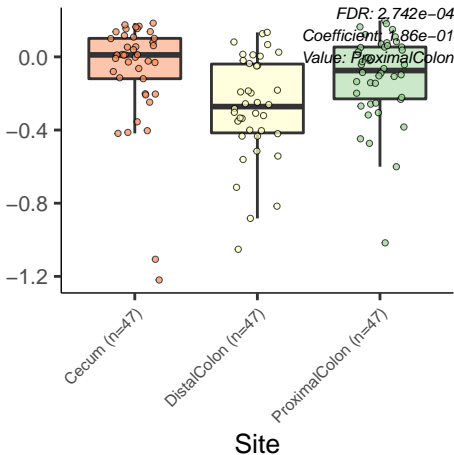
POLYISOPRENSYN.PWY



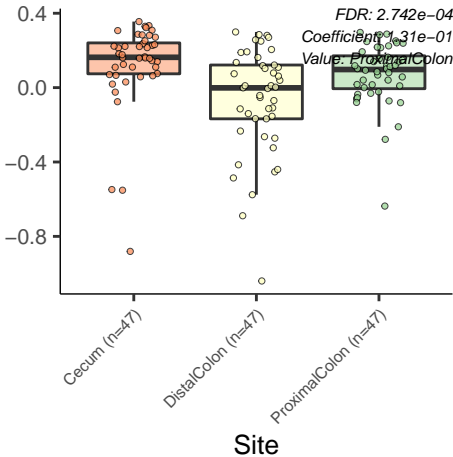
PWY.5154



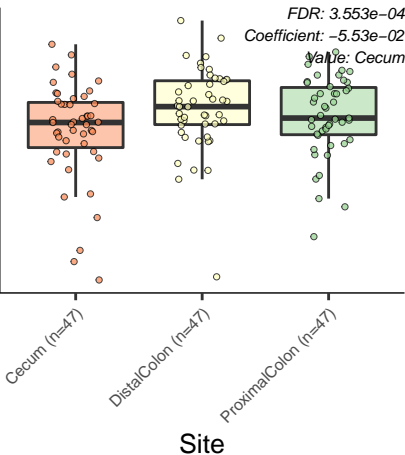
PWY.6588



PWY.6608



PWY.2941



GLYCOLYSIS.E.D

FDR: 4.452e-04
Coefficient: 5.09e-02
Value: Cecum

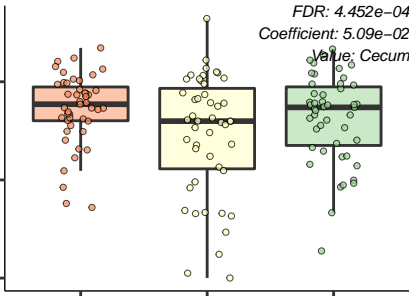
Cecum (n=47)

DistalColon (n=47)

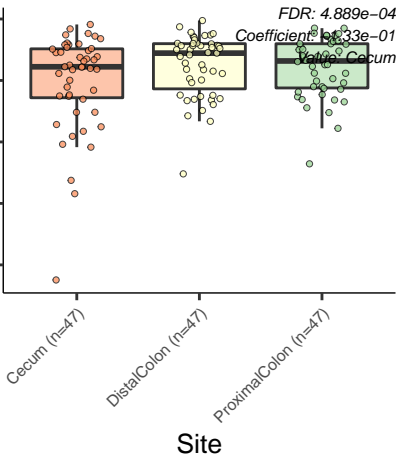
ProximalColon (n=47)

Site

0.0
0.2
0.4



PWY.6630



P124.PWY

0.6
0.4
0.2

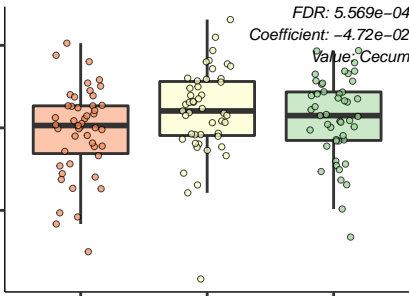
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

FDR: 5.569e-04
Coefficient: -4.72e-02
Value: Cecum



PWY.7220

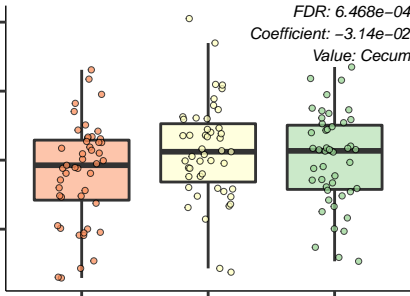
FDR: 6.468e-04
Coefficient: -3.14e-02
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



PWY.7222

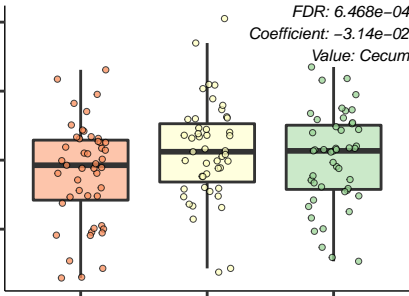
FDR: $6.468e-04$
Coefficient: $-3.14e-02$
Value: Cecum

Cecum (n=47)

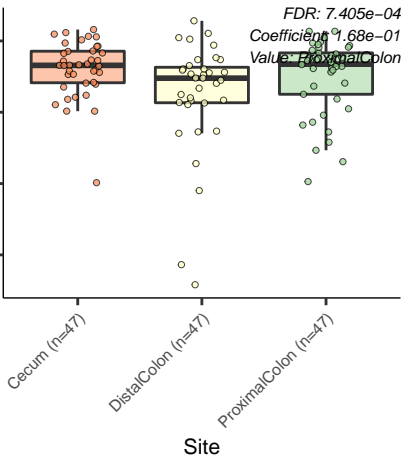
DistalColon (n=47)

ProximalColon (n=47)

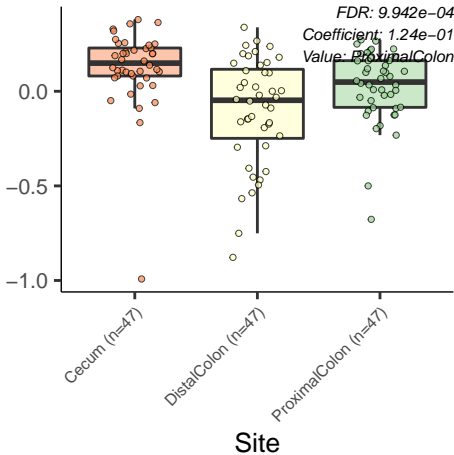
Site



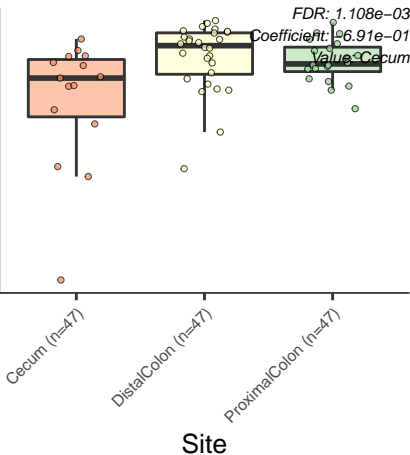
ARG.POLYAMINE.SYN



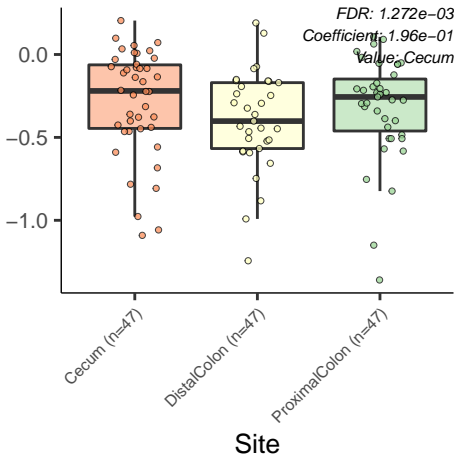
P164.PWY



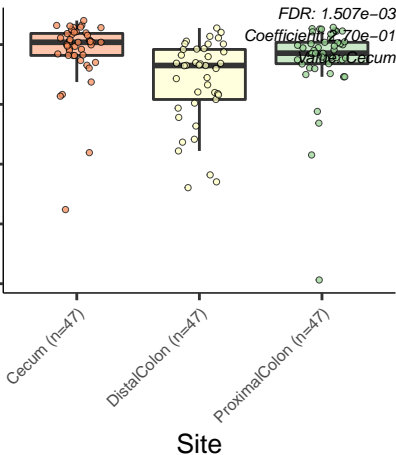
PWY.7456



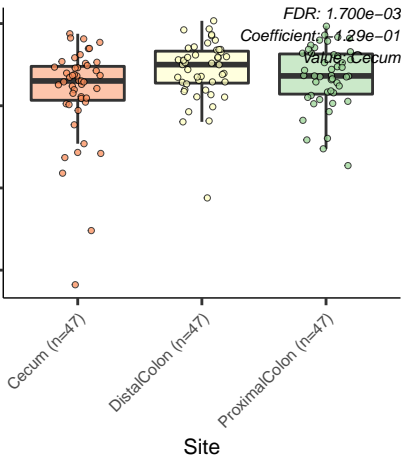
ARGORNPST.PWY



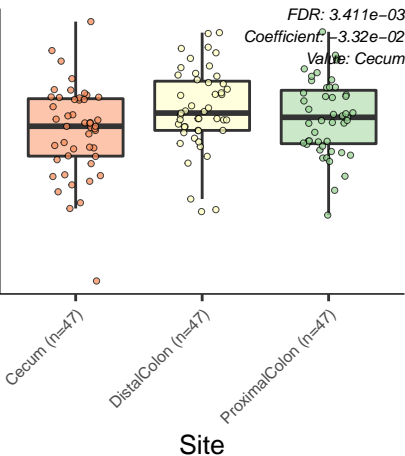
PWY.6545



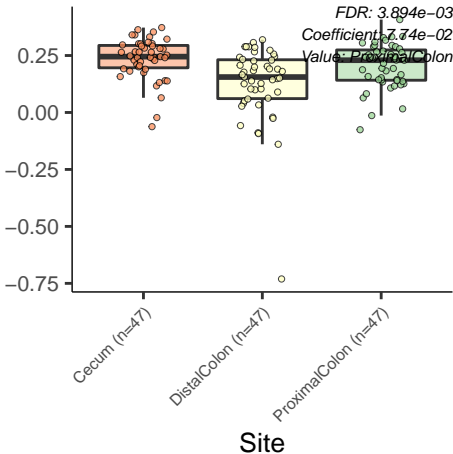
TEICHOICACID.PWY



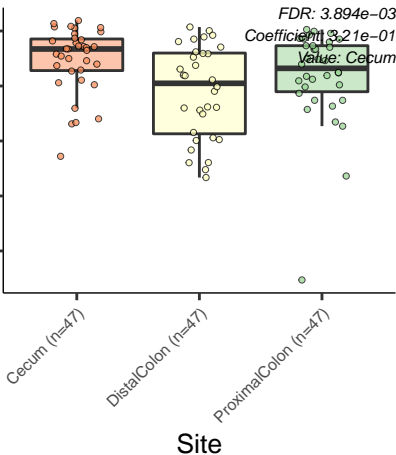
PWY.6151



PWY.5188



PWY.6263



GLCMANNNAUT.PWY

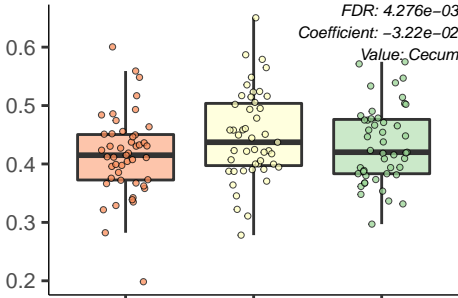
FDR: 4.276e-03
Coefficient: -3.22e-02
Value: Cecum

Cecum (n=47)

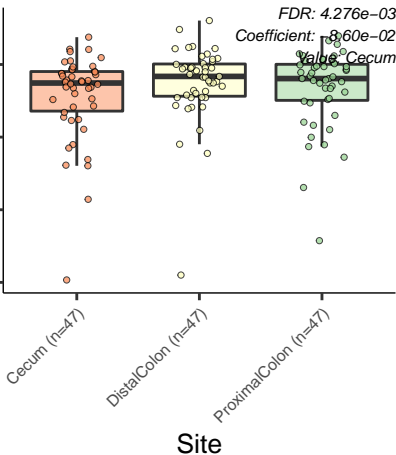
DistalColon (n=47)

ProximalColon (n=47)

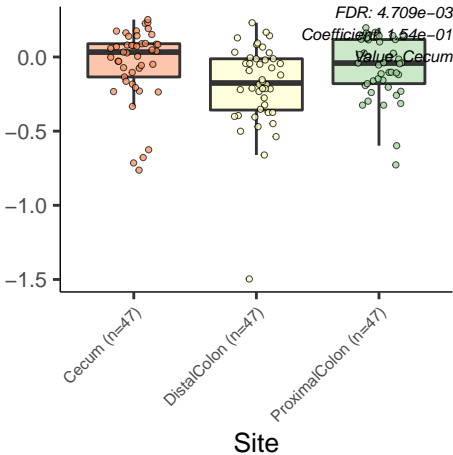
Site



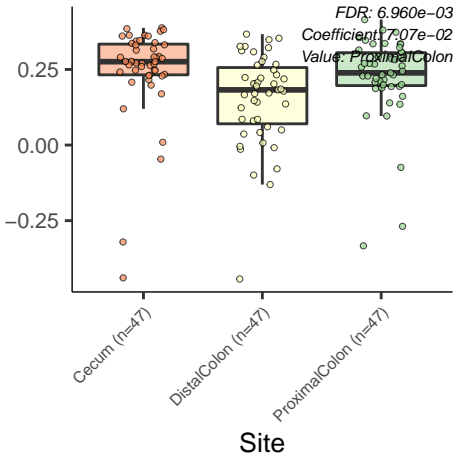
PWY.5910



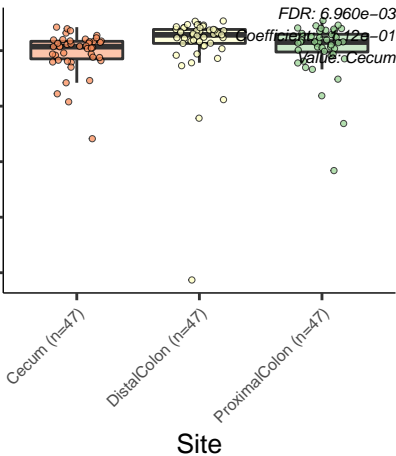
PWY.7328



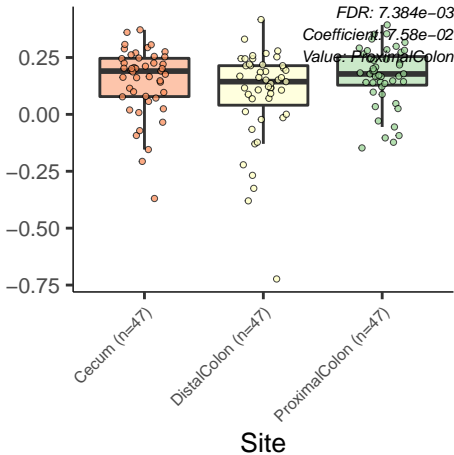
COBALSYN.PWY



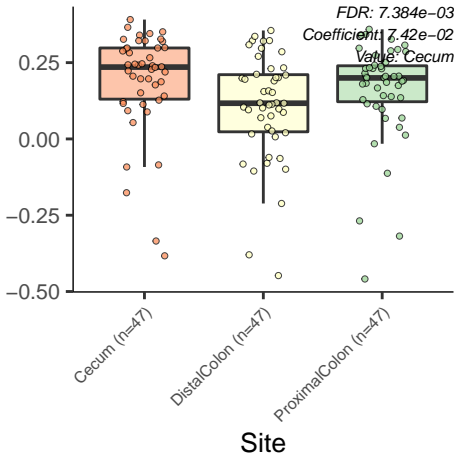
PWY.6467



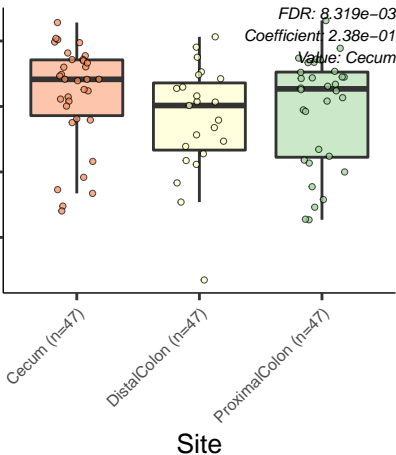
P4.PWY



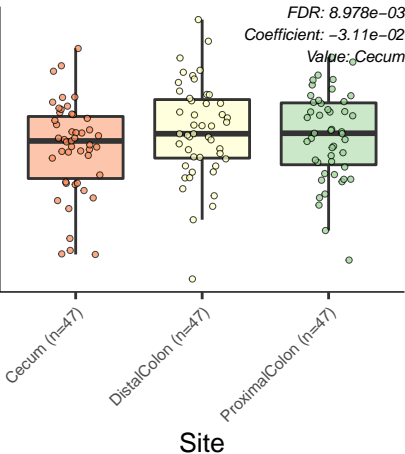
PWY.6353



PWY0.1479



PWY.6471



P108.PWY

FDR: 9.209e-03

Coefficient: 9.27e-02

Value: Cecum

0.0

-0.5

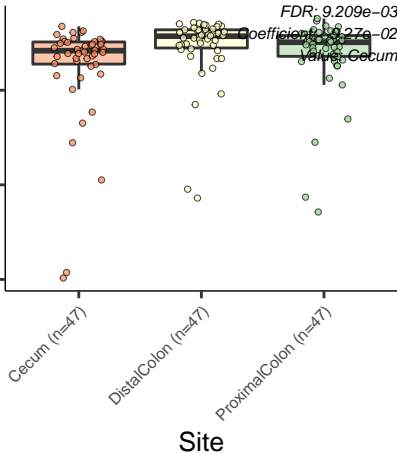
-1.0

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



PWY.5189

0.0
-0.5
-1.0

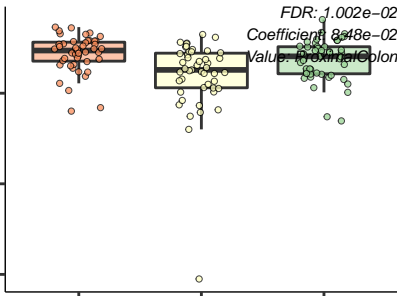
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

FDR: 1.002e-02
Coefficient: 8.48e-02
Value: ProximalColon



PWY.6126

FDR: 1.002e-02
Coefficient: -2.35e-02
Value: Cecum

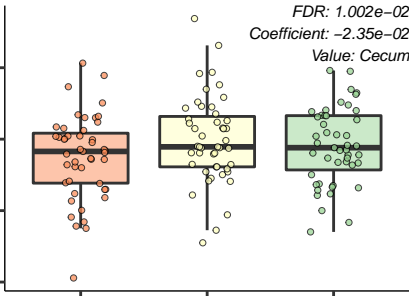
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

0.3
0.4
0.5
0.6



COA.PWY

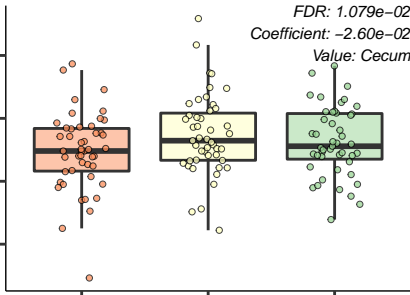
FDR: 1.079e-02
Coefficient: -2.60e-02
Value: Cecum

Cecum (n=47)

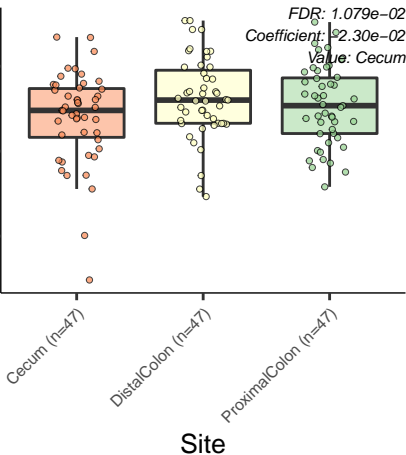
DistalColon (n=47)

ProximalColon (n=47)

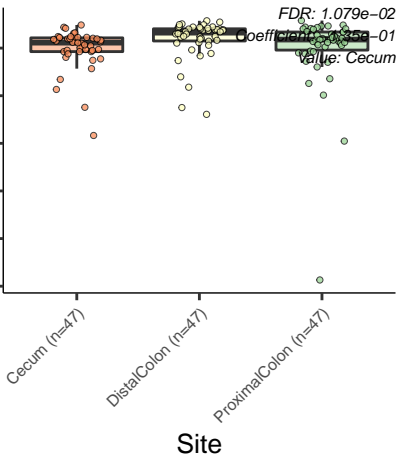
Site



GLUCONEO.PWY



PWY.1269



HEXITOLDEGSUPER.PWY

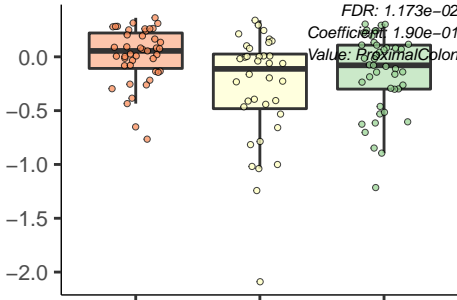
FDR: 1.173e-02
Coefficient: 1.90e-01
Value: ProximalColon

Cecum (n=47)

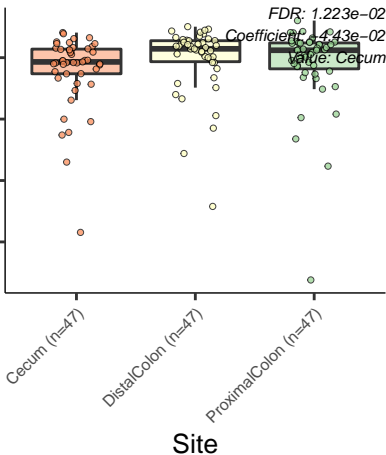
DistalColon (n=47)

ProximalColon (n=47)

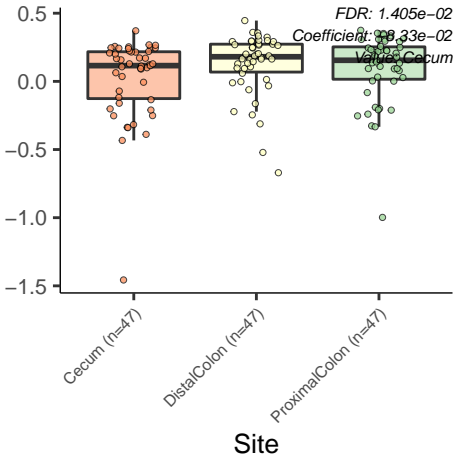
Site



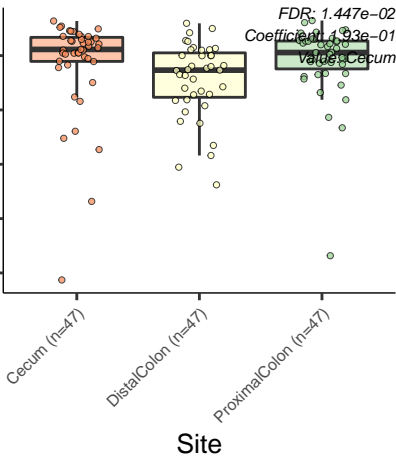
COLANSYN.PWY



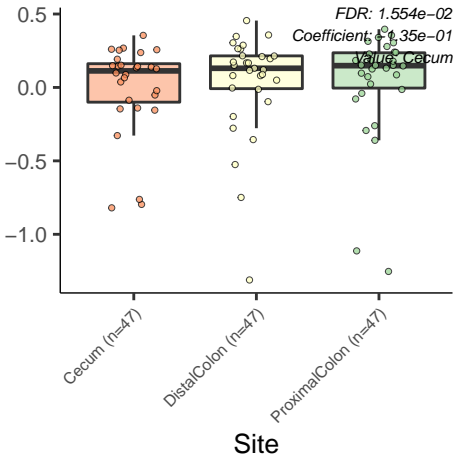
PWY.5913



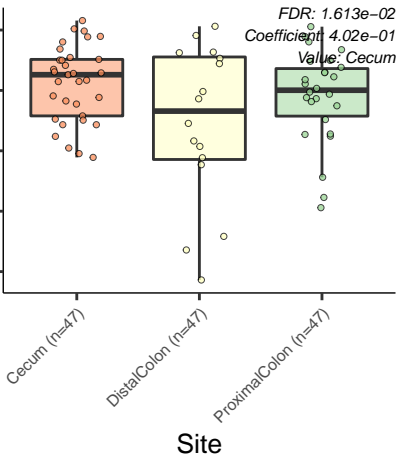
PWY.7315



PWY.4984



PWY.6478



PWY.7229

FDR: 1.613e-02
Coefficient: -2.17e-02
Value: Cecum

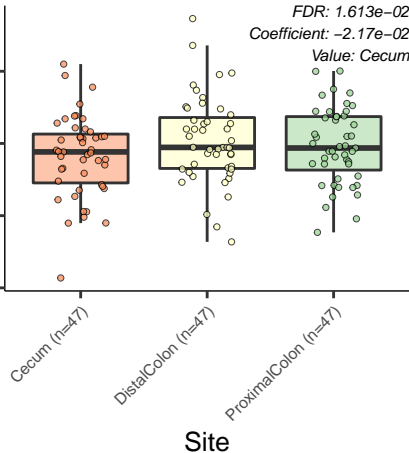
Cecum (n=47)

DistalColon (n=47)

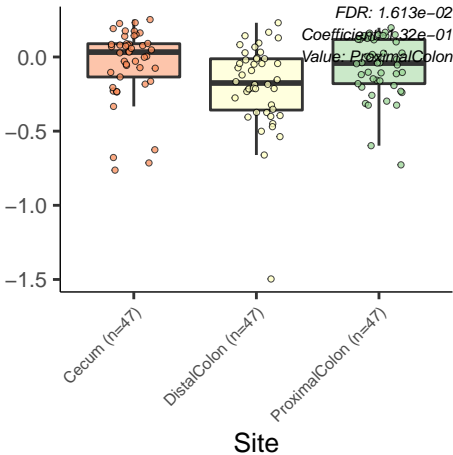
ProximalColon (n=47)

Site

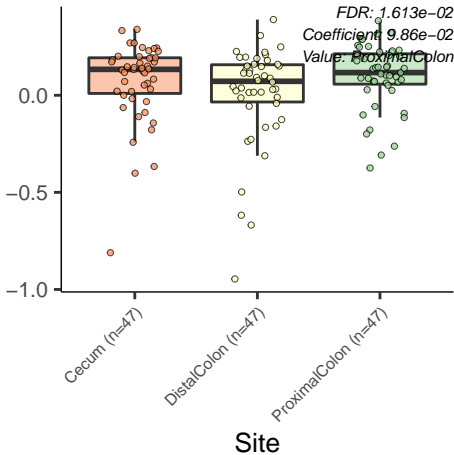
0.3
0.4
0.5
0.6



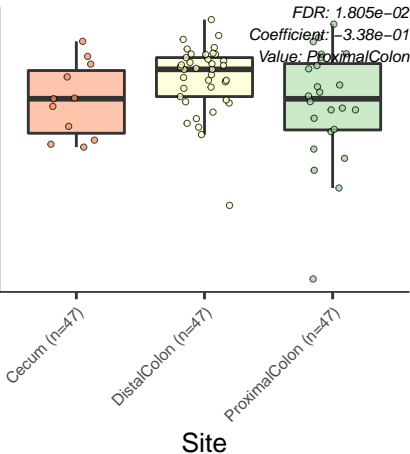
PWY.7328



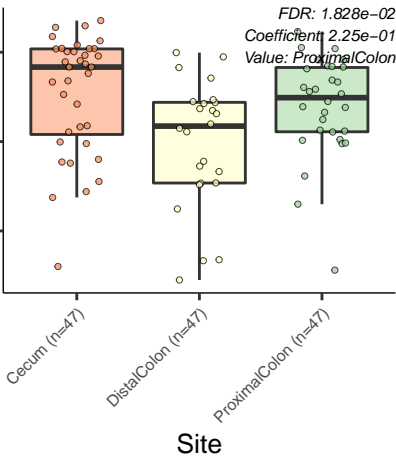
PWY0.781



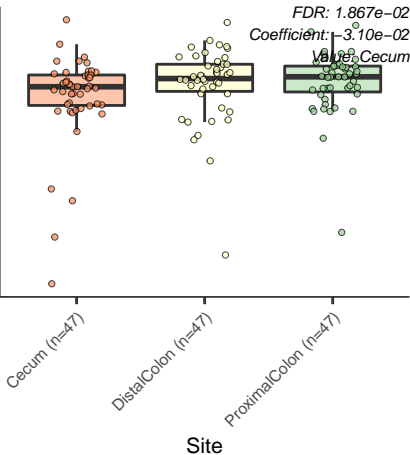
PWY0.845



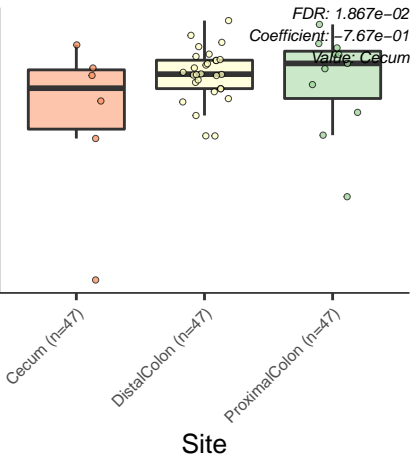
PWY.3781



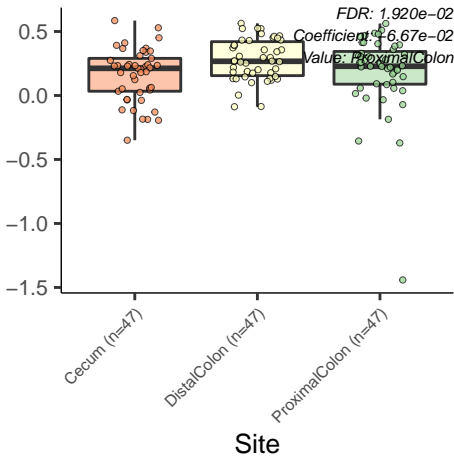
FERMENTATION.PWY



PYRIDOXSYN.PWY



LACTOSECAT.PWY



PWY.7221

FDR: 1.920e-02
Coefficient: -2.21e-02
Value: Cecum

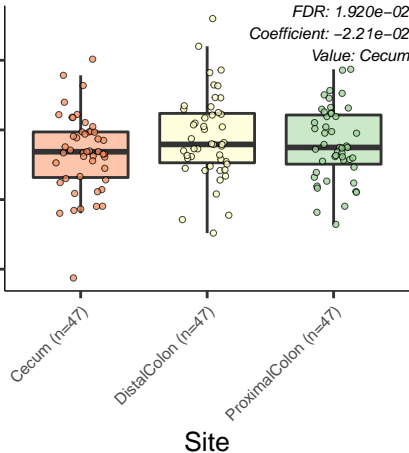
Cecum (n=47)

DistalColon (n=47)

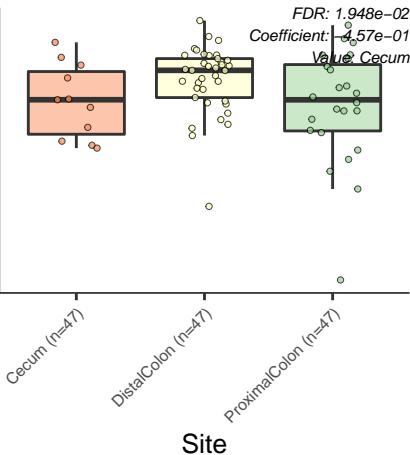
ProximalColon (n=47)

Site

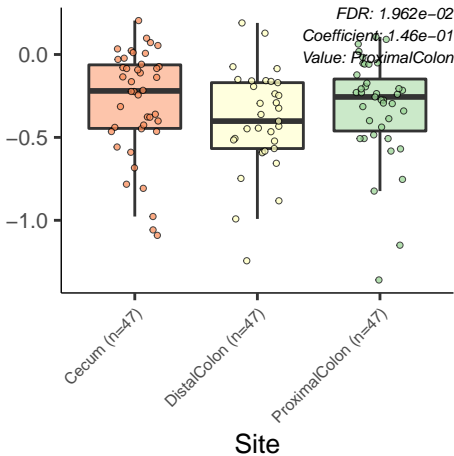
0.3
0.4
0.5
0.6



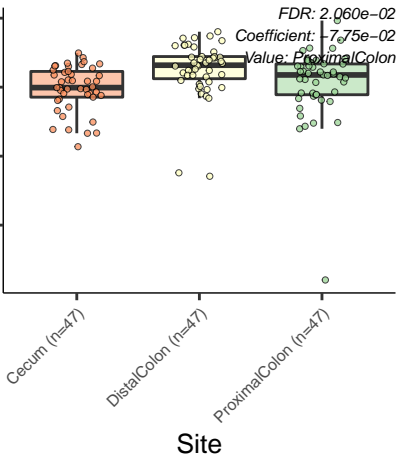
PWY0.845



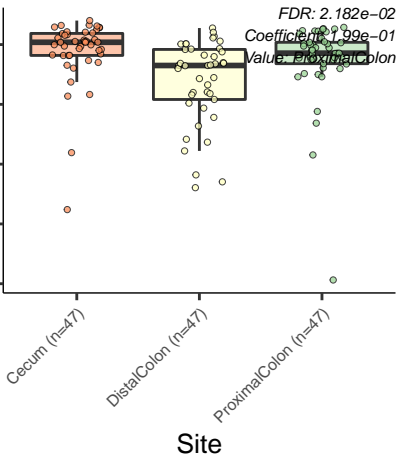
ARGORNPST.PWY



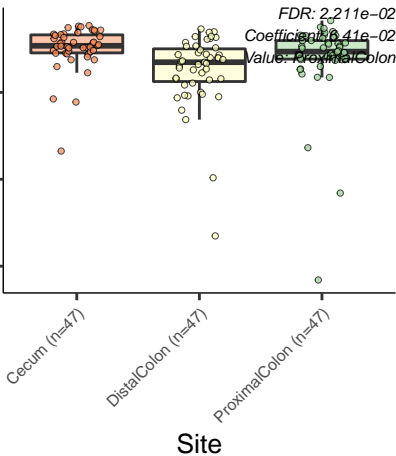
PWY.6901



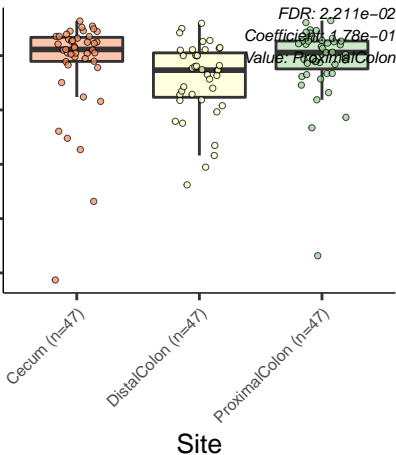
PWY.6545



PWY.6269



PWY.7315



PWY.6317

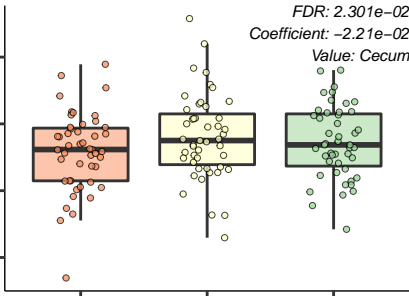
FDR: 2.301e-02
Coefficient: -2.21e-02
Value: Cecum

Cecum (n=47)

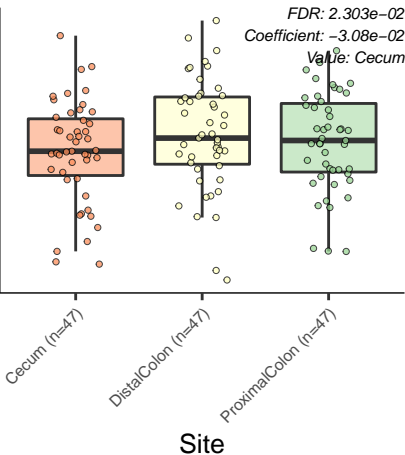
DistalColon (n=47)

ProximalColon (n=47)

Site



P161.PWY



PWY.6387

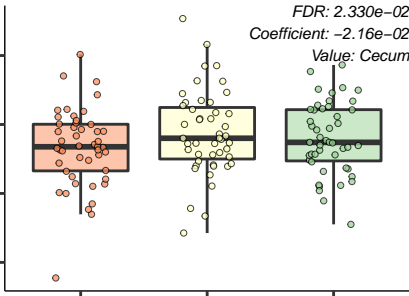
FDR: 2.330e-02
Coefficient: -2.16e-02
Value: Cecum

Cecum (n=47)

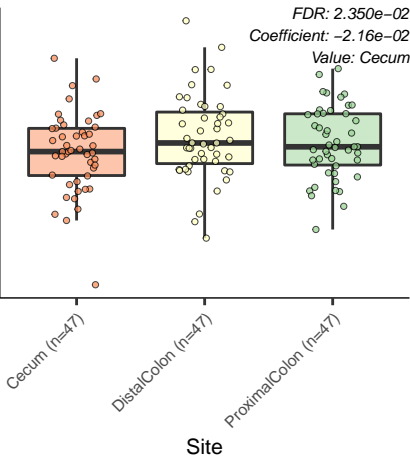
DistalColon (n=47)

ProximalColon (n=47)

Site



PEPTIDOGLYCANSYN.PWY



PWY.7208

FDR: 2.589e-02
Coefficient: -2.01e-02
Value: Cecum

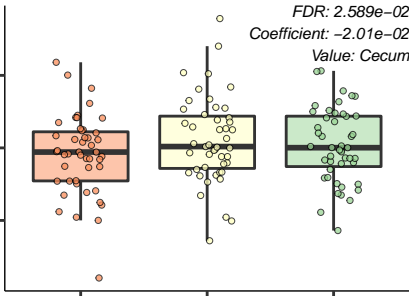
Cecum (n=47)

DistalColon (n=47)

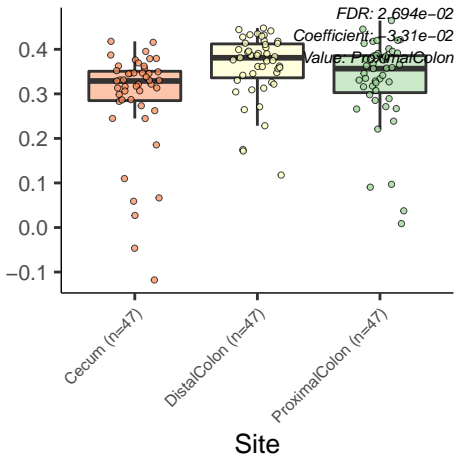
ProximalColon (n=47)

Site

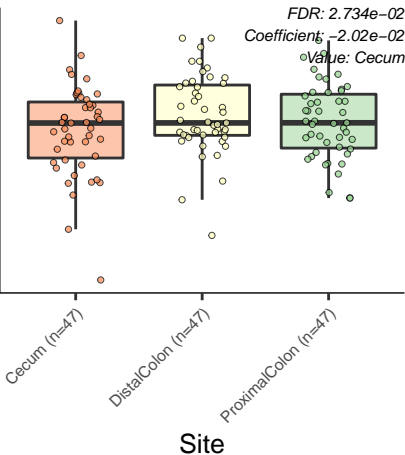
0.6
0.5
0.4



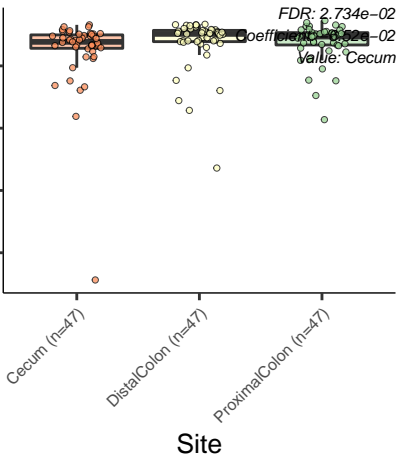
P42.PWY



PWY.6121



PWY.7323



GLYCOLYSIS.E.D

FDR: 2.971e-02
Coefficient: 3.30e-02
Value: ProximalColon

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

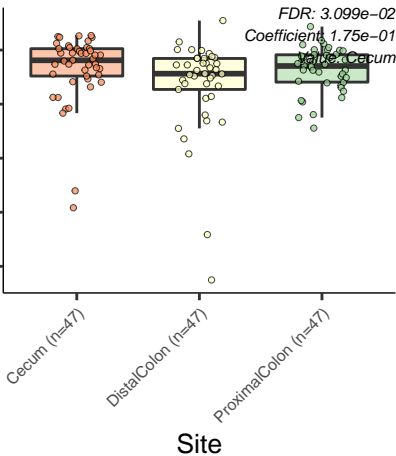
Site

0.4

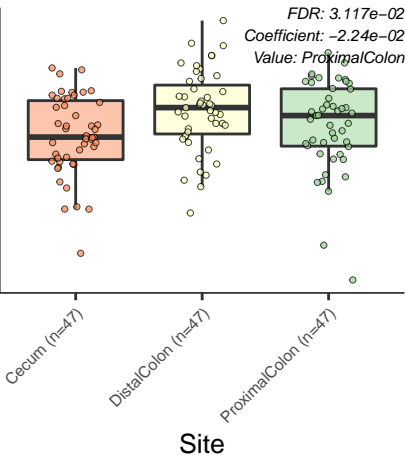
0.2

0.0

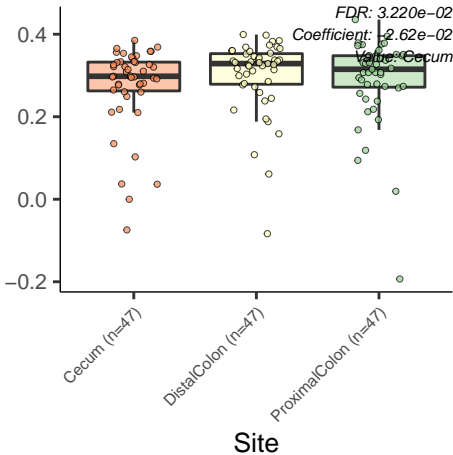
SULFATE.CYS.PWY



PWY.5695



PANTOSYN.PWY



PWY.6385

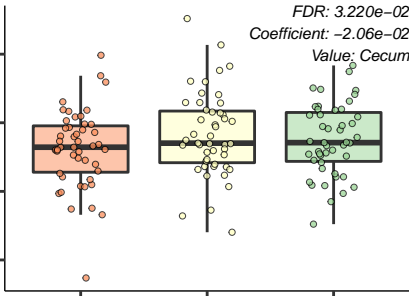
FDR: 3.220e-02
Coefficient: -2.06e-02
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



PWY.7392

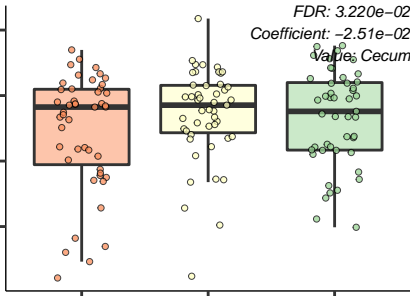
FDR: 3.220e-02
Coefficient: -2.51e-02
Value: Cecum

Cecum (n=47)

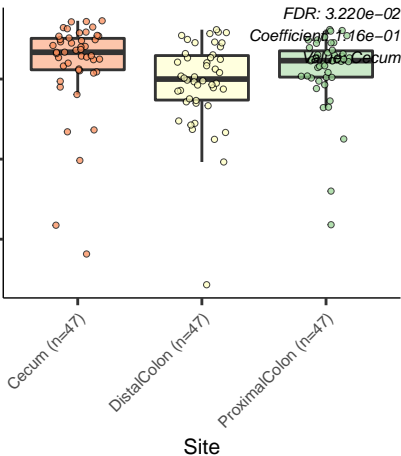
DistalColon (n=47)

ProximalColon (n=47)

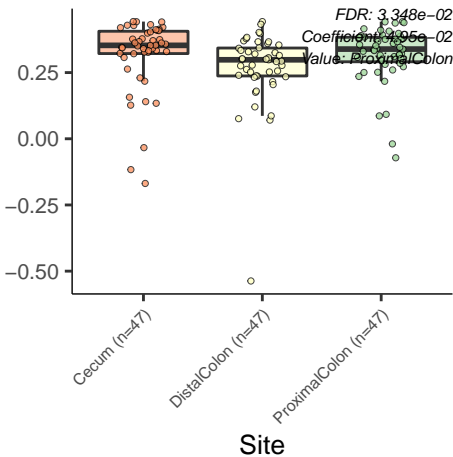
Site



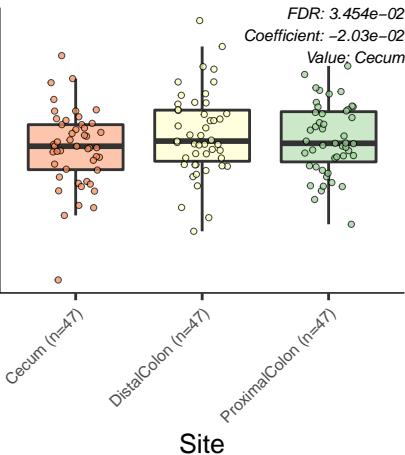
SALVADEHYPOX.PWY



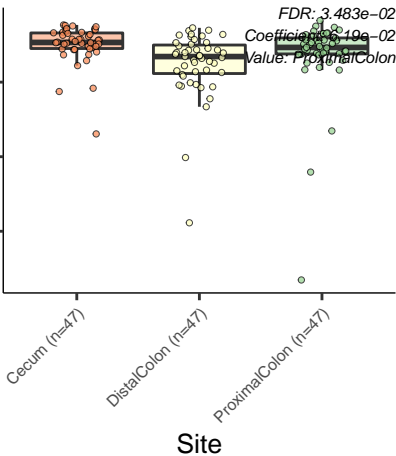
PYRIDNUCSAL.PWY



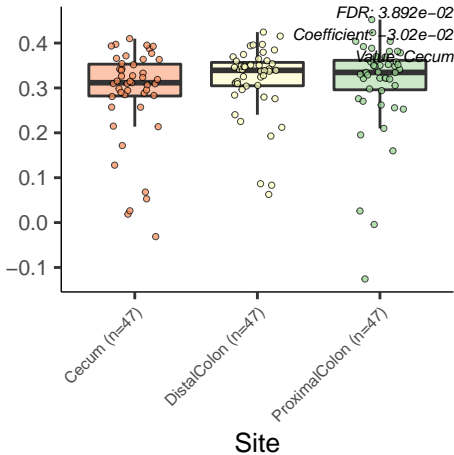
PWY.6386



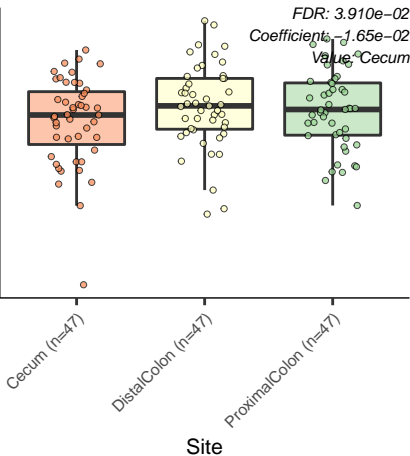
PWY.5509



PWY.5659



TRNA.CHARGING.PWY



PWY.621

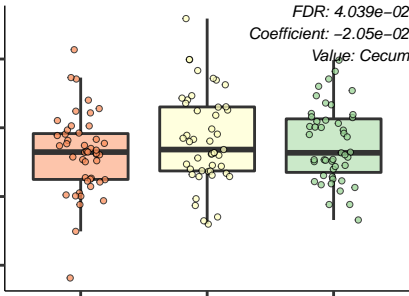
FDR: 4.039e-02
Coefficient: -2.05e-02
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



PWY.6122

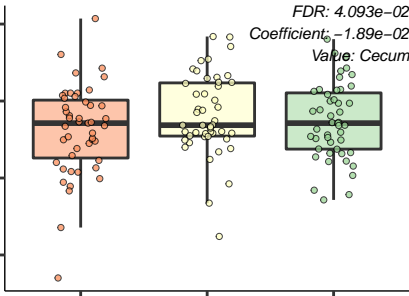
FDR: 4.093e-02
Coefficient: -1.89e-02
Value: Cecum

Cecum (n=47)

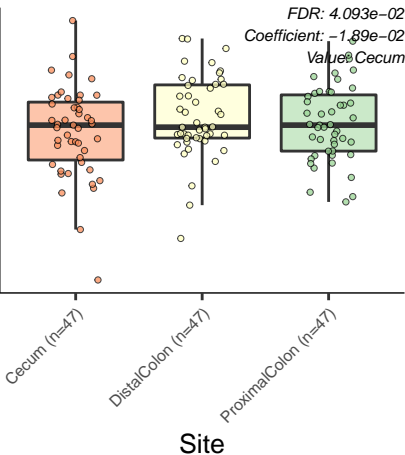
DistalColon (n=47)

ProximalColon (n=47)

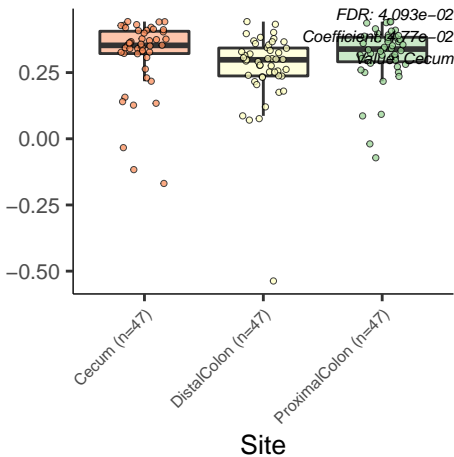
Site



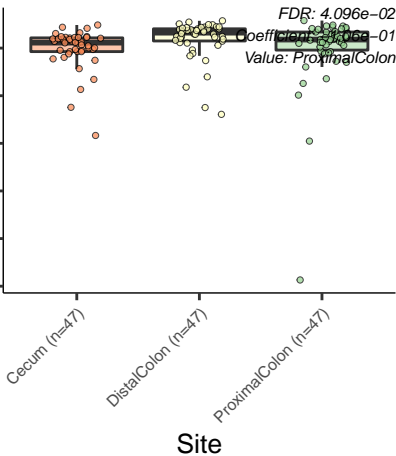
PWY.6277



PYRIDNUCSAL.PWY



PWY.1269



ANAGLYCOLYSIS.PWY

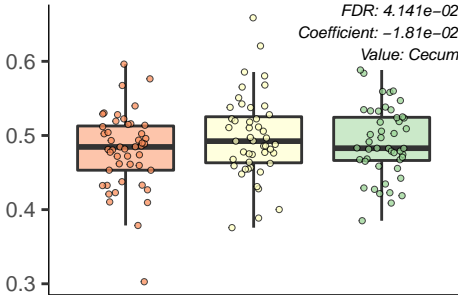
FDR: $4.141e-02$
Coefficient: $-1.81e-02$
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



P441.PWY

FDR: 4.141e-02
Coefficient: 2.33e-02
Value: Cecum

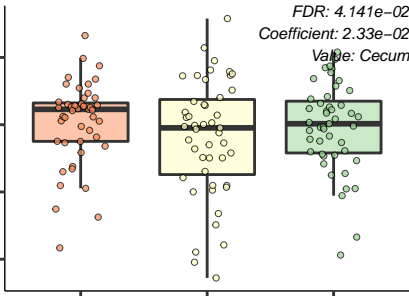
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

0.2
0.3
0.4
0.5



PWY.5154

0.0
-0.5
-1.0

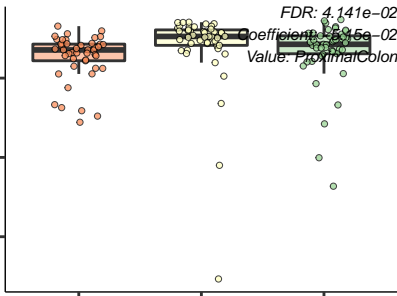
Cecum (n=47)

DistalColon (n=47)

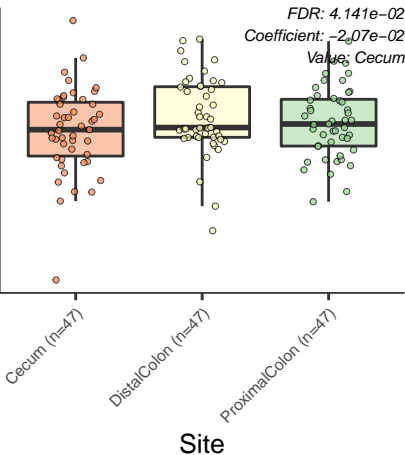
ProximalColon (n=47)

Site

FDR: 4.141e-02
Coefficient: -5.315e-02
Value: ProximalColon



PWY.6123



PWY.7219

FDR: 4.141e-02
Coefficient: -1.82e-02
Value: Cecum

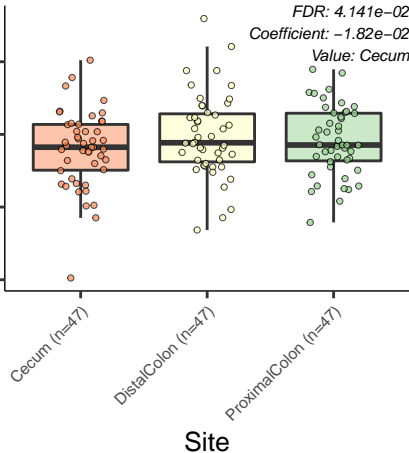
Cecum (n=47)

DistalColon (n=47)

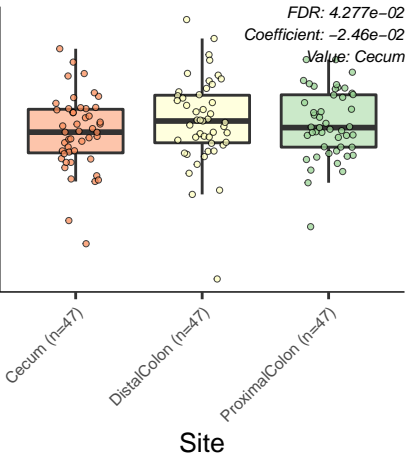
ProximalColon (n=47)

Site

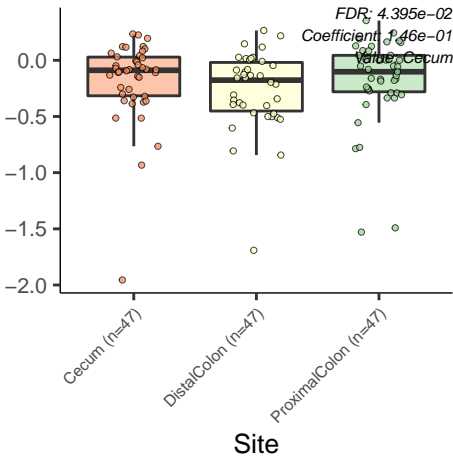
0.3
0.4
0.5
0.6



UDPNAGSYN.PWY



MET.SAM.PWY



ARGSYNBSUB.PWY

0.4
0.3
0.2

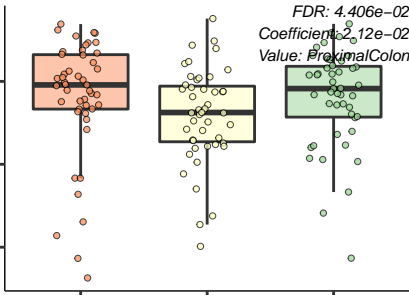
Cecum (n=47)

DistalColon (n=47)

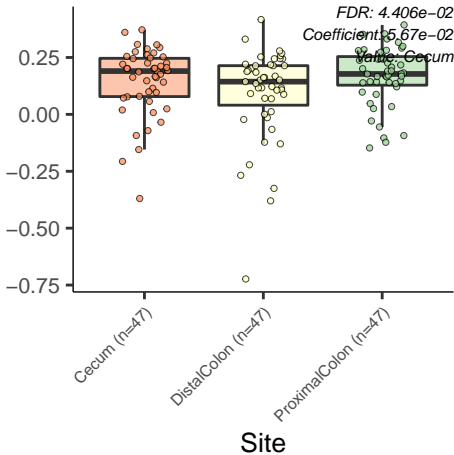
ProximalColon (n=47)

Site

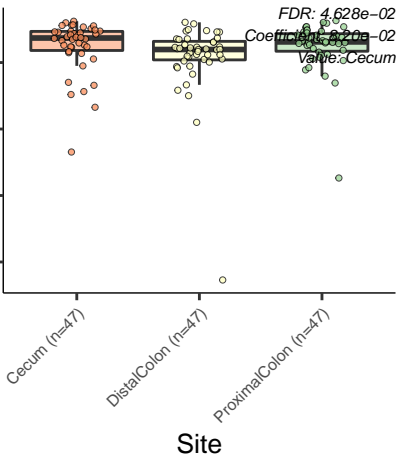
FDR: 4.406e-02
Coefficient: 2.12e-02
Value: ProximalColon



P4.PWY

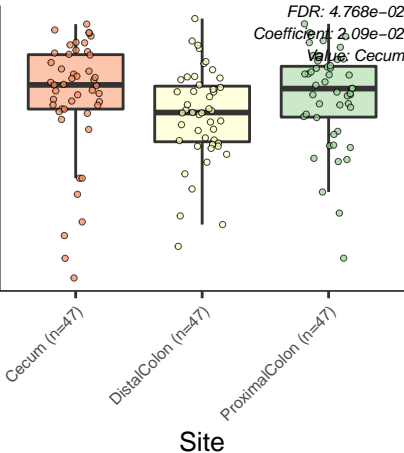


PWY.7003

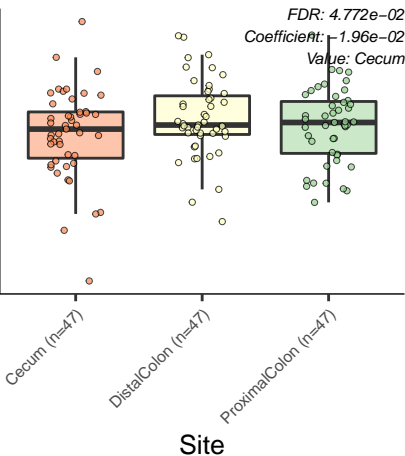


ARGSYNBSUB.PWY

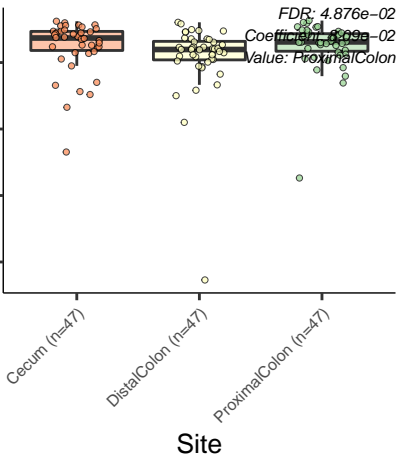
FDR: 4.768e-02
Coefficient: 2.09e-02
value: Cecum



THRESYN.PWY



PWY.7003



PWY.5686

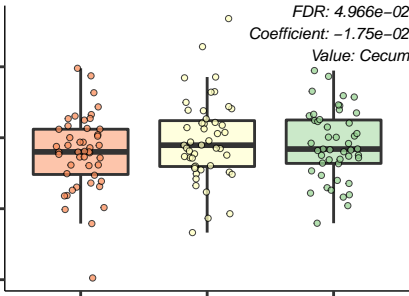
FDR: 4.966e-02
Coefficient: -1.75e-02
Value: Cecum

Cecum (n=47)

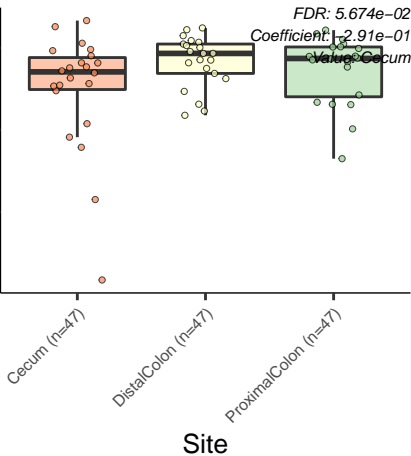
DistalColon (n=47)

ProximalColon (n=47)

Site



GOLPDL CAT.PWY



THISYN.PWY

FDR: 5.750e-02

Coefficient: 0.381e-02

Value: Cecum

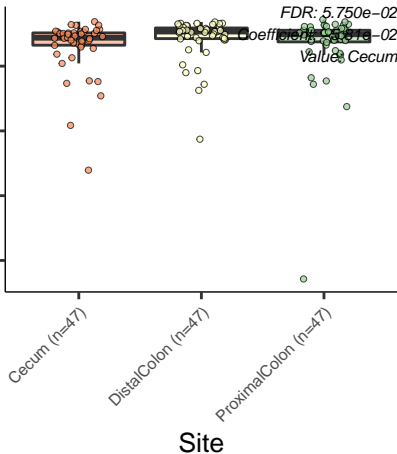
0.0
-0.5
-1.0
-1.5

Cecum (n=47)

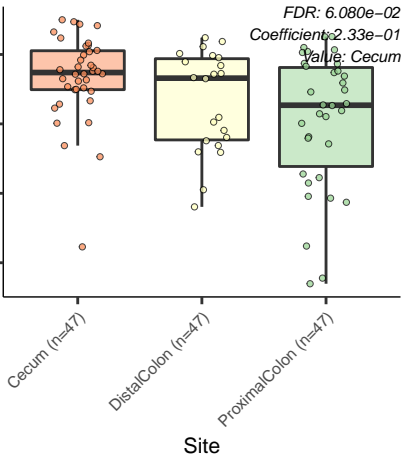
DistalColon (n=47)

ProximalColon (n=47)

Site



NAD.BIOSYNTHESIS.II



PWY.2942

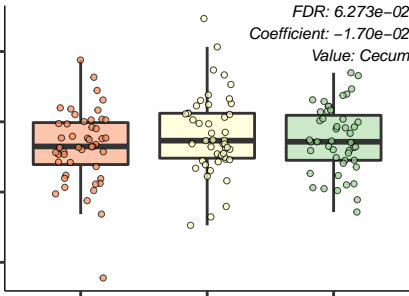
FDR: 6.273e-02
Coefficient: -1.70e-02
Value: Cecum

Cecum (n=47)

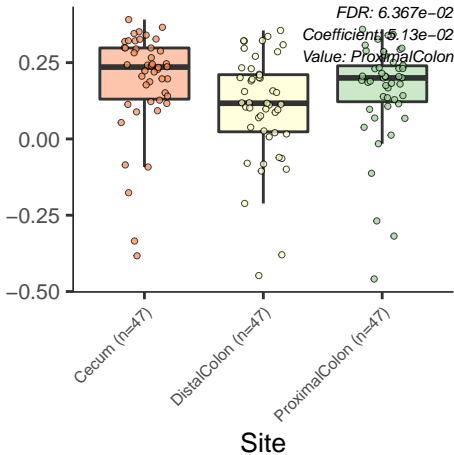
DistalColon (n=47)

ProximalColon (n=47)

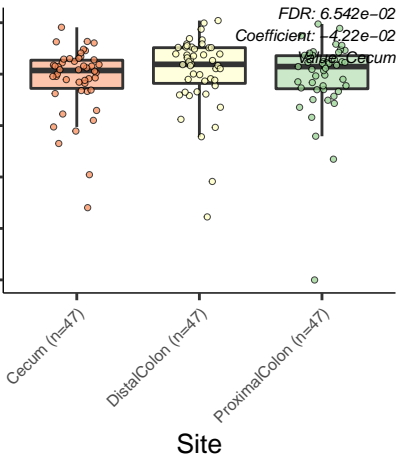
Site



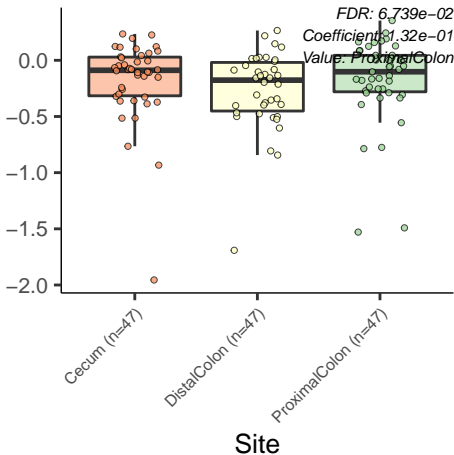
PWY.6353



PRPP.PWY



MET.SAM.PWY



PWY.5097

FDR: 7.426e-02
Coefficient: -1.64e-02
Value: Cecum

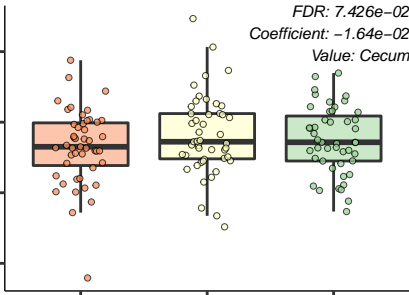
Cecum (n=47)

DistalColon (n=47)

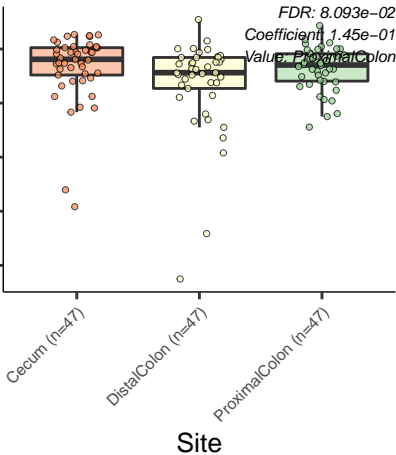
ProximalColon (n=47)

Site

0.3
0.4
0.5
0.6



SULFATE.CYS.PWY



DAPLYSINESYN.PWY

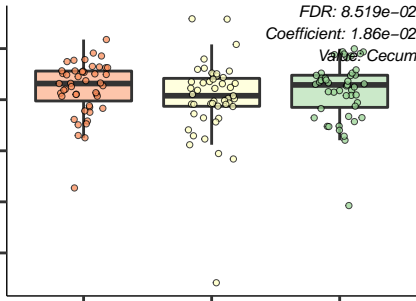
FDR: $8.519e-02$
Coefficient: $1.86e-02$
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site



PWY.5100

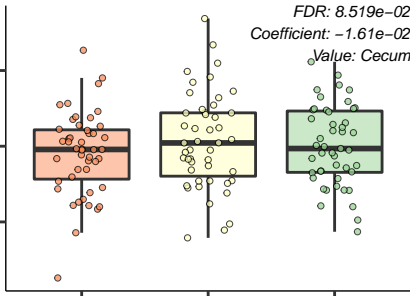
FDR: 8.519e-02
Coefficient: -1.61e-02
Value: Cecum

Cecum (n=47)

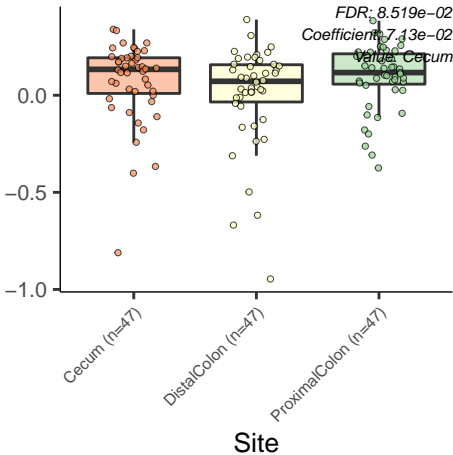
DistalColon (n=47)

ProximalColon (n=47)

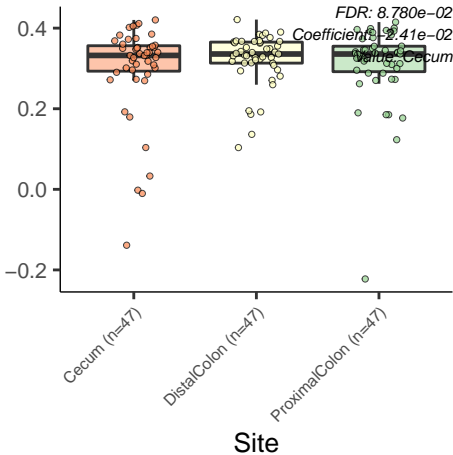
Site



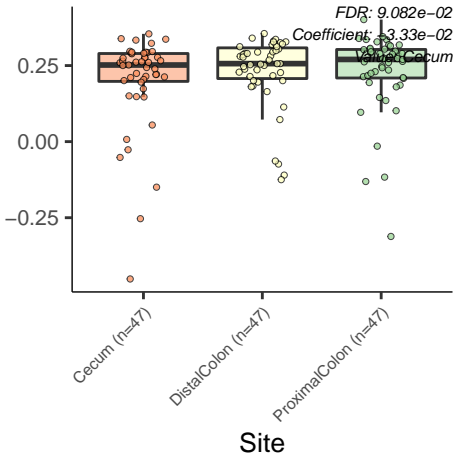
PWY0.781



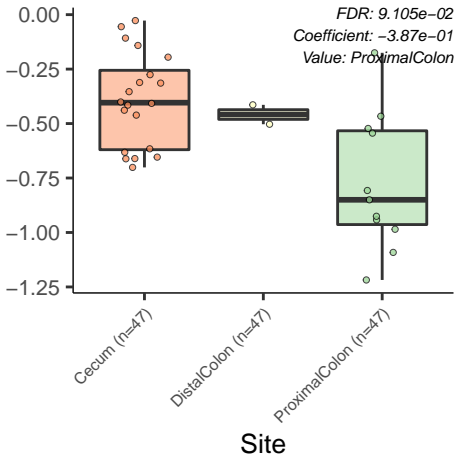
PYRIDNUCSYN.PWY



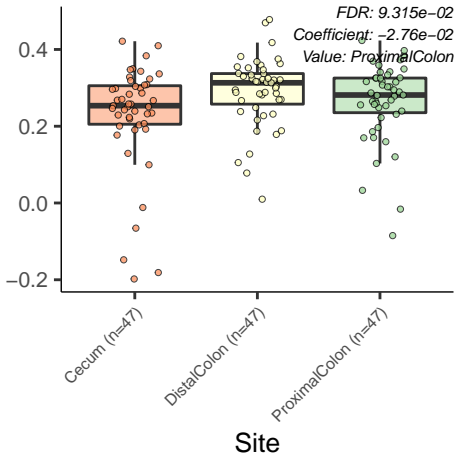
PWY.6969



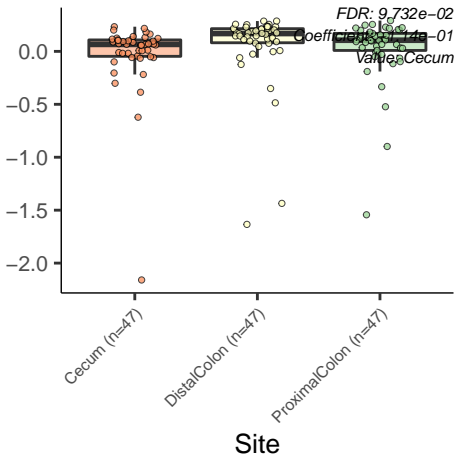
PWY.5304



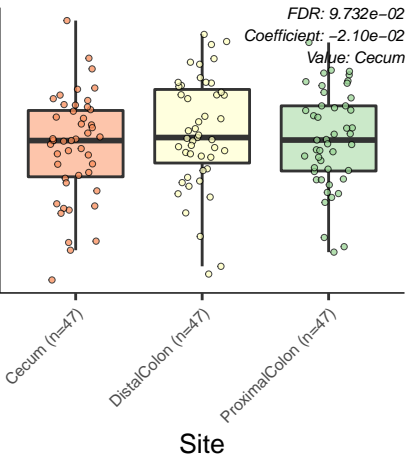
PWY.6700



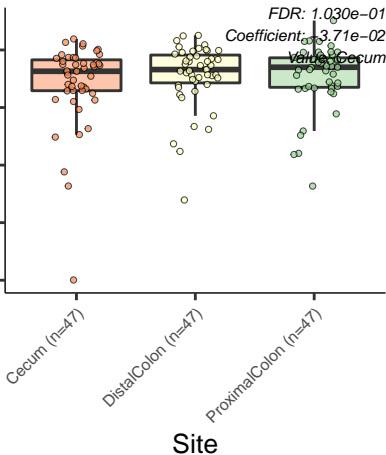
NAGLIPASYN.PWY



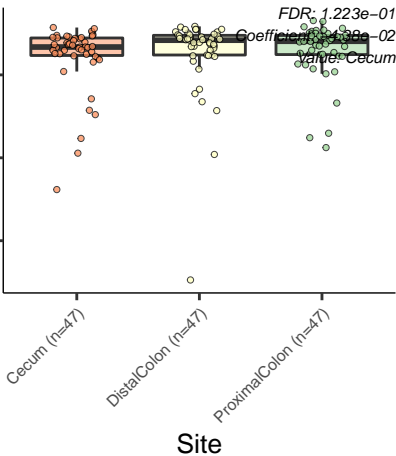
PWY0.1297



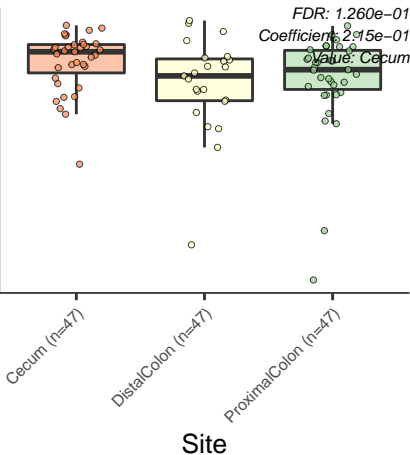
TCA



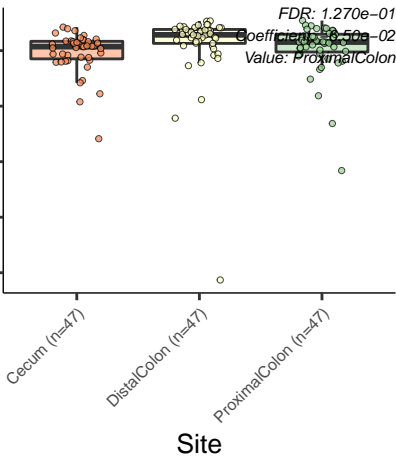
PWY.6703



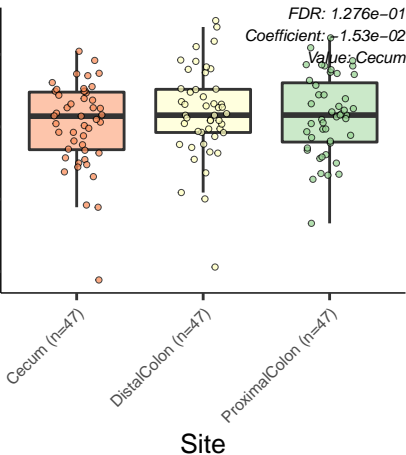
PWY.5022



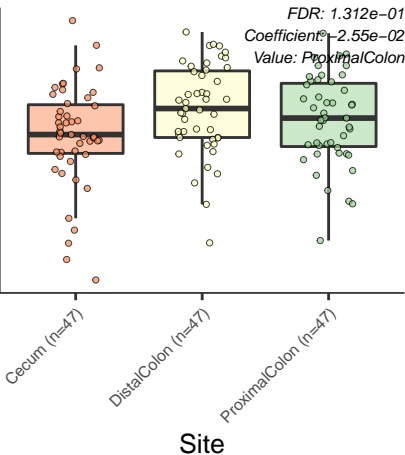
PWY.6467



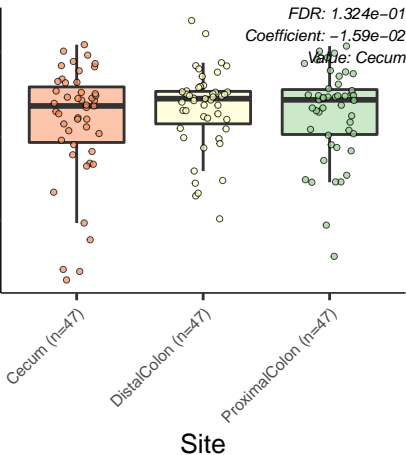
OANTIGEN.PWY



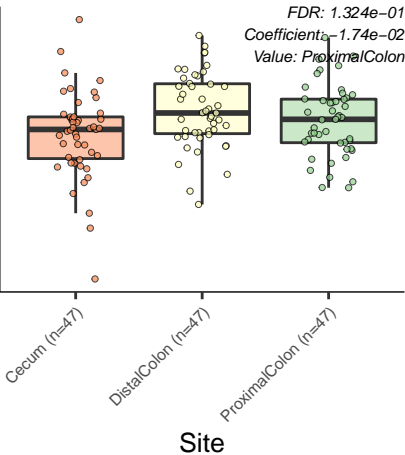
PWY.7228



ASPASN.PWY



FASYN.ELONG.PWY



PWY.5667

FDR: 1.324e-01
Coefficient: -1.42e-02
Value: Cecum

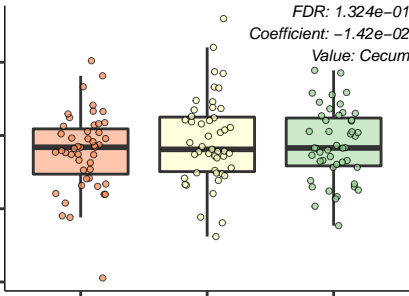
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

0.3
0.4
0.5
0.6



PWY0.1319

FDR: 1.324e-01
Coefficient: -1.42e-02
Value: Cecum

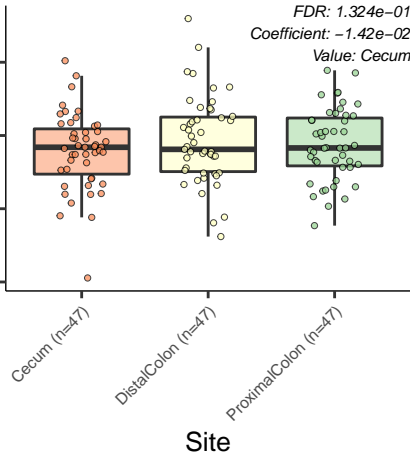
Cecum (n=47)

DistalColon (n=47)

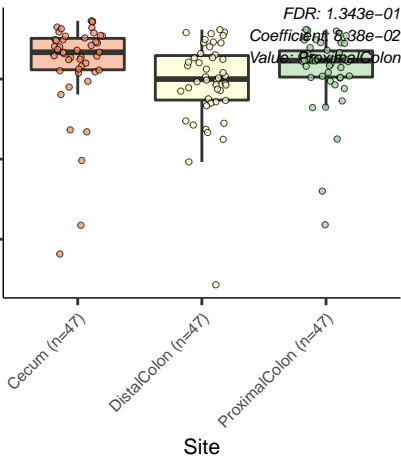
ProximalColon (n=47)

Site

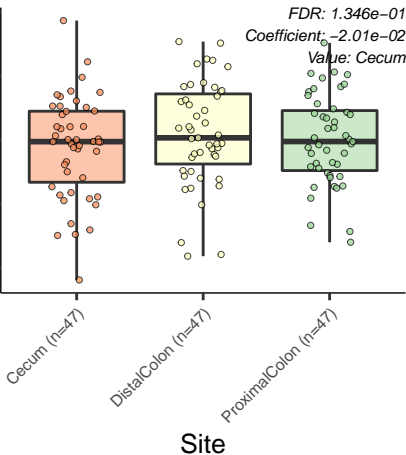
0.3
0.4
0.5
0.6



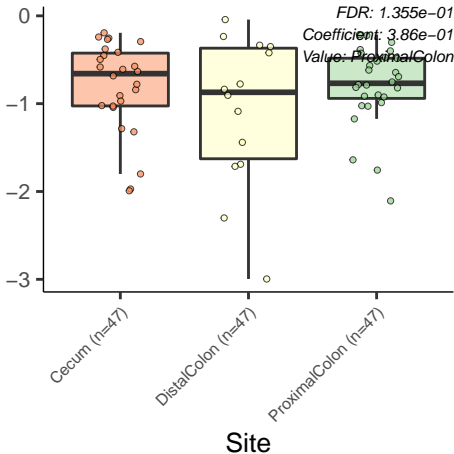
SALVADEHYPOX.PWY



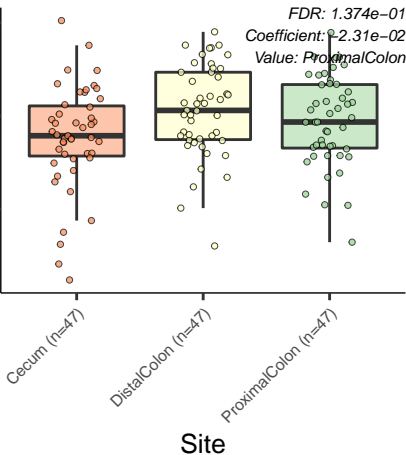
PWY0.1298



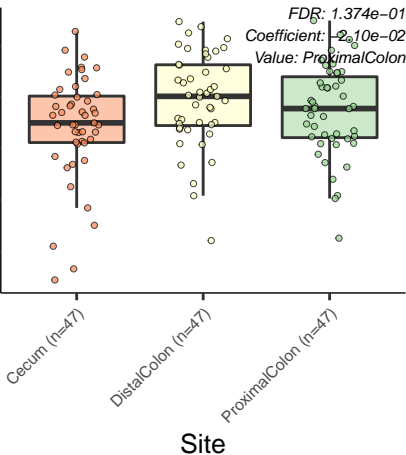
POLYAMSYN.PWY



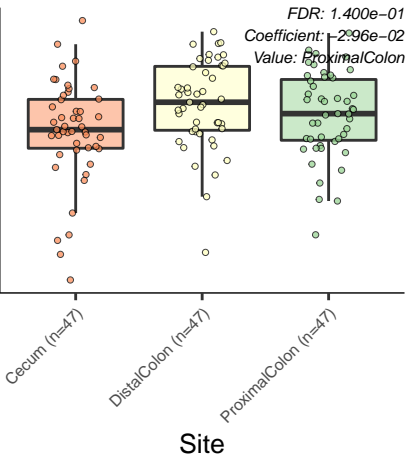
PWY.6125



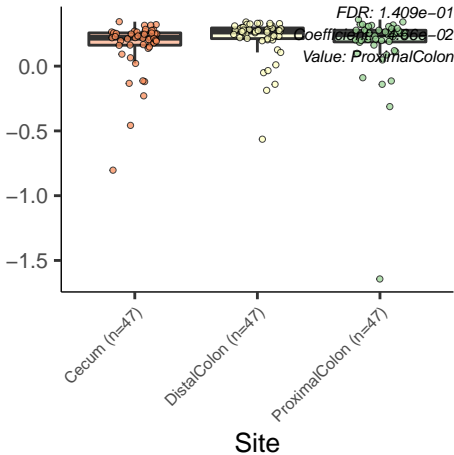
PWY.7196



PWY.7184



THISYN.PWY



ARGSYN.PWY

0.4
0.3
0.2

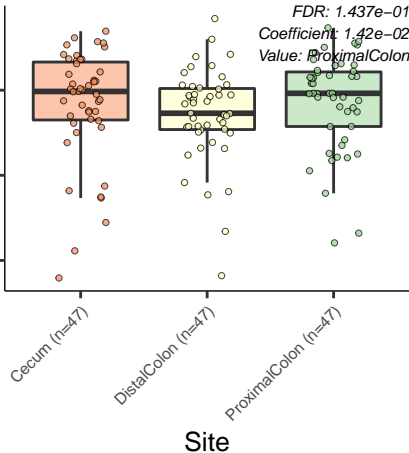
Cecum (n=47)

DistalColon (n=47)

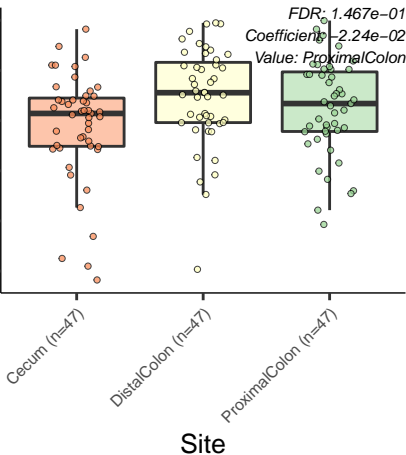
ProximalColon (n=47)

Site

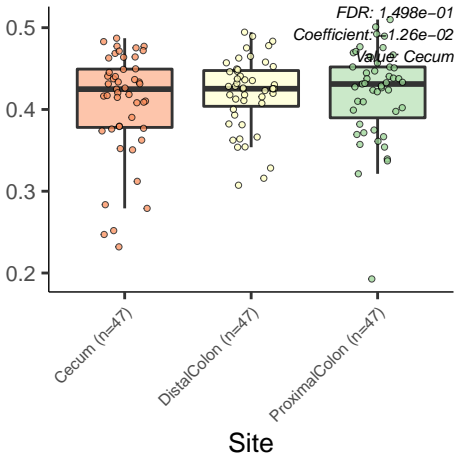
FDR: 1.437e-01
Coefficient: 1.42e-02
Value: ProximalColon



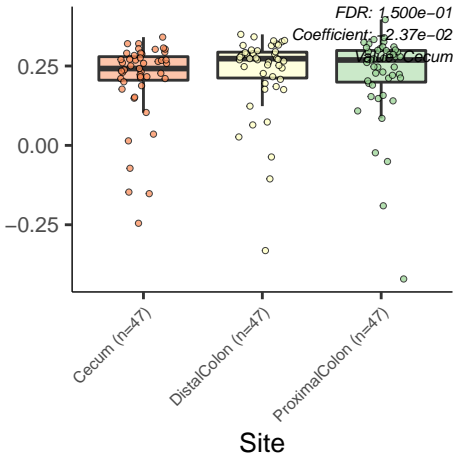
PWY.7200



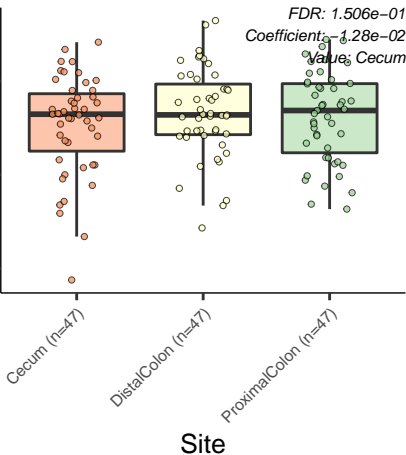
X1CMET2.PWY



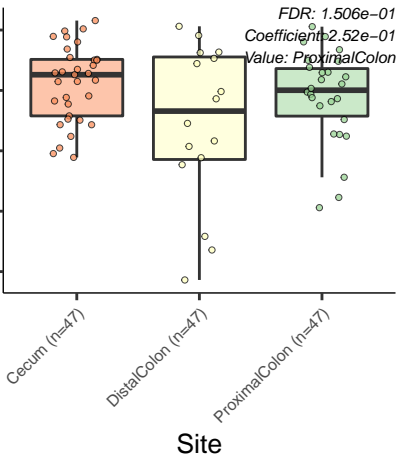
PANTO.PWY



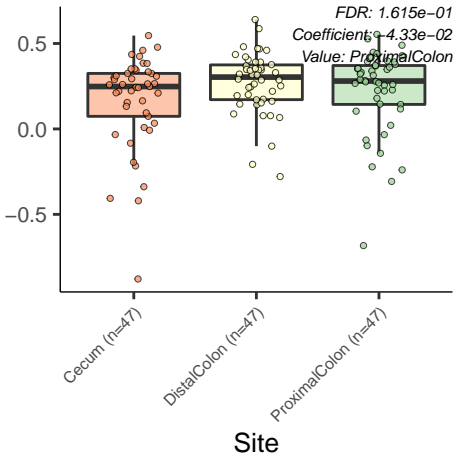
PWY.5484



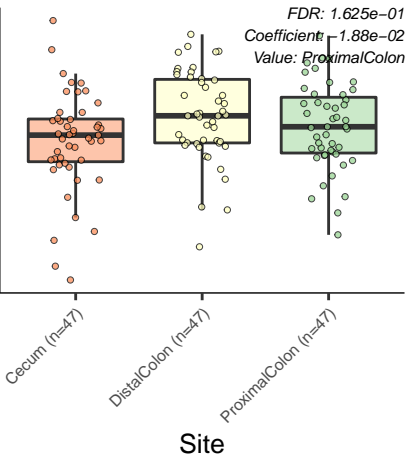
PWY.6478

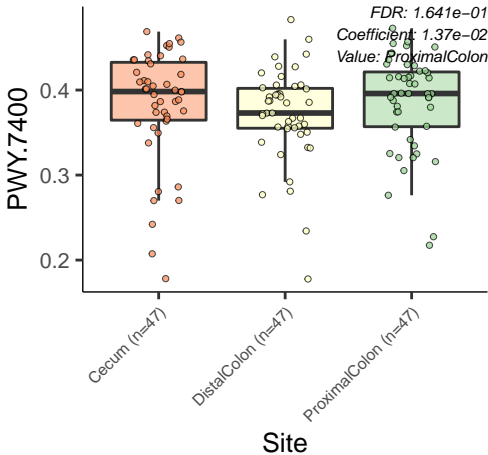


PWY.922

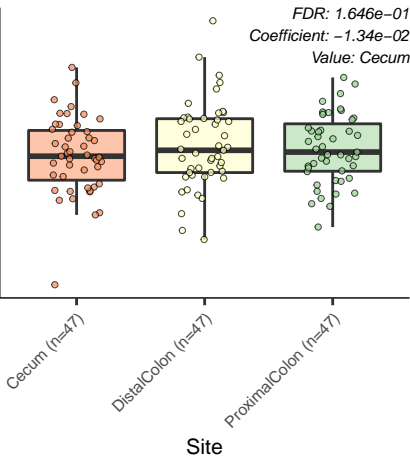


PWY.841

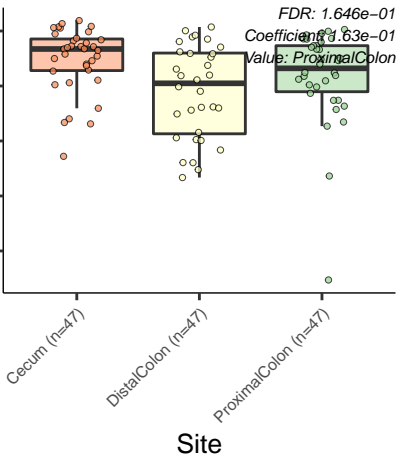




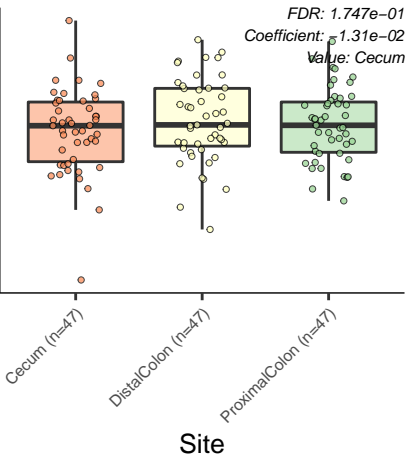
GLYCOGENSYNTH.PWY



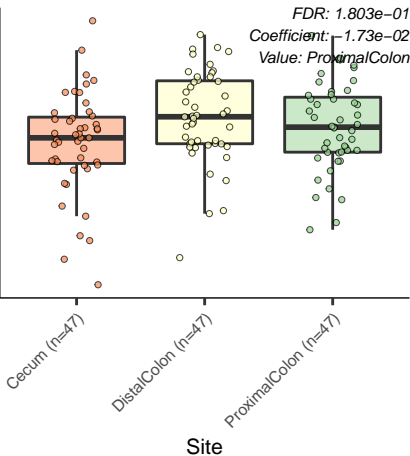
PWY.6263



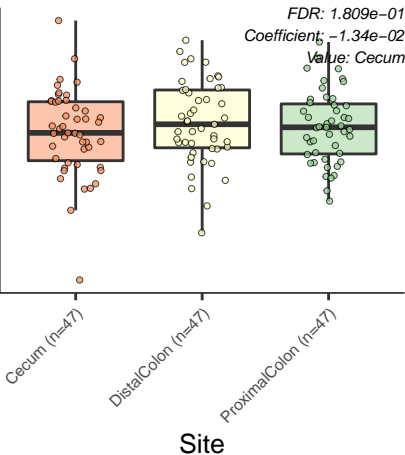
PWY.7663



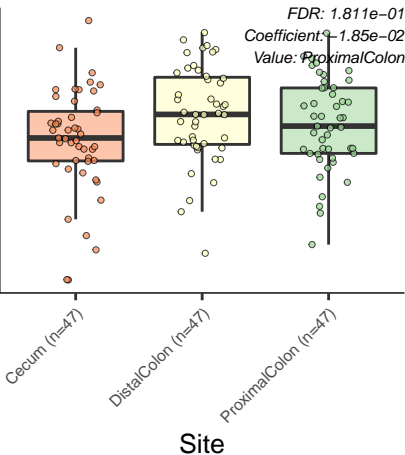
DENOVOPURINE2.PWY



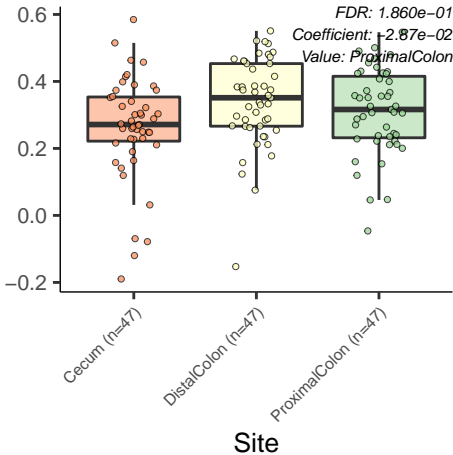
PWY.5973



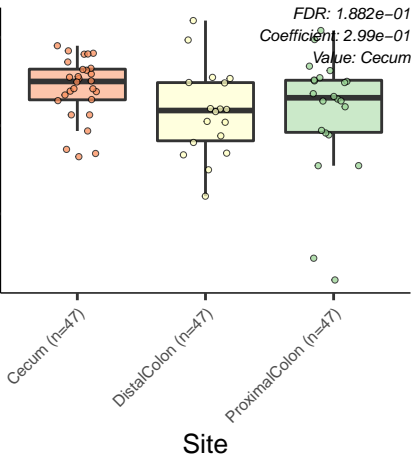
PWY0.162



PWY.7197



SO4ASSIM.PWY



P562.PWY

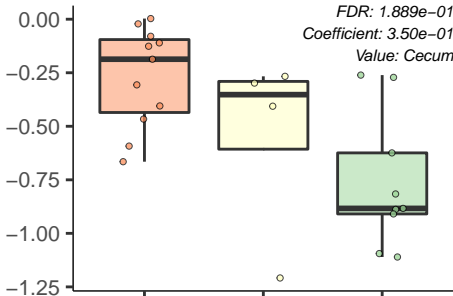
FDR: 1.889e-01
Coefficient: 3.50e-01
Value: Cecum

Cecum (n=47)

DistalColon (n=47)

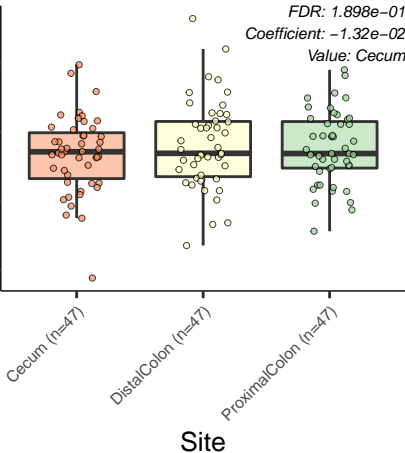
ProximalColon (n=47)

Site



PHOSLIPSYN.PWY

FDR: 1.898e-01
Coefficient: -1.32e-02
Value: Cecum



PWY.6609

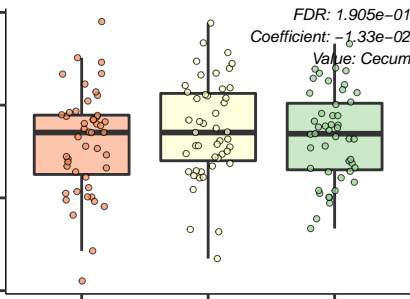
FDR: 1.905e-01
Coefficient: -1.33e-02
Value: Cecum

Cecum (n=47)

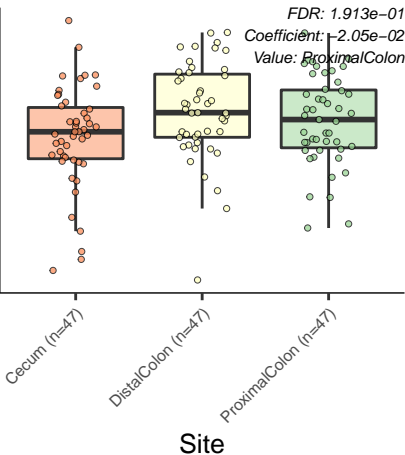
DistalColon (n=47)

ProximalColon (n=47)

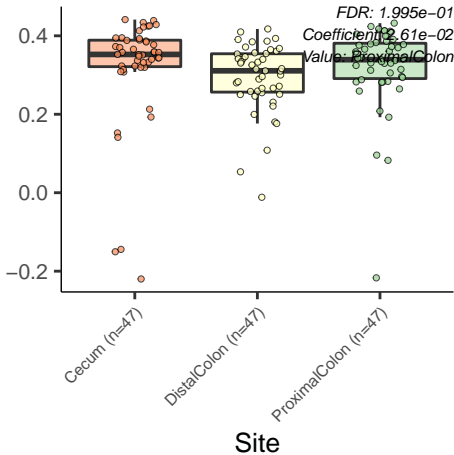
Site



PWY0.166

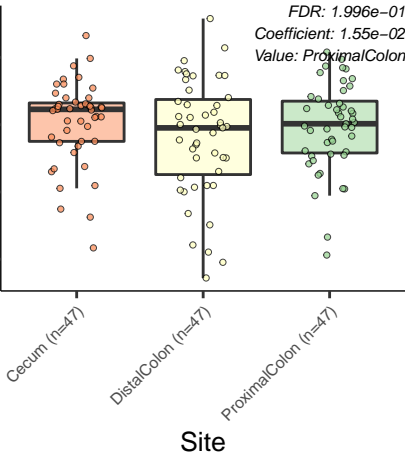


GLUTORN.PWY

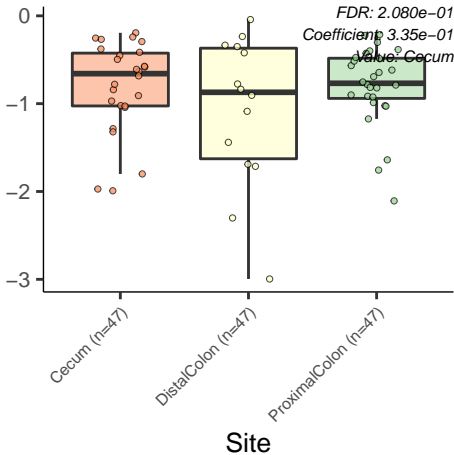


P441.PWY

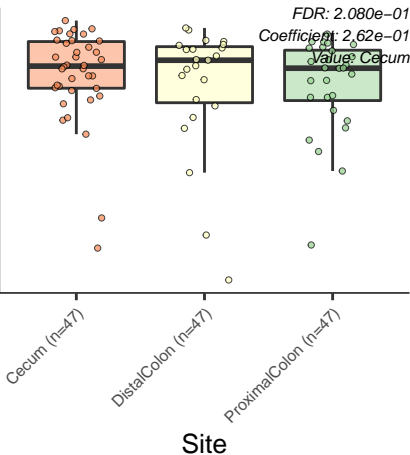
FDR: 1.996e-01
Coefficient: 1.55e-02
Value: ProximalColon



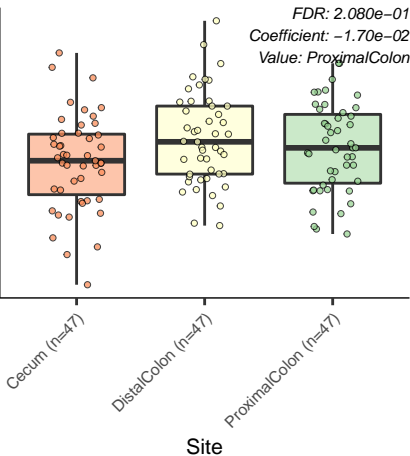
POLYAMSYN.PWY



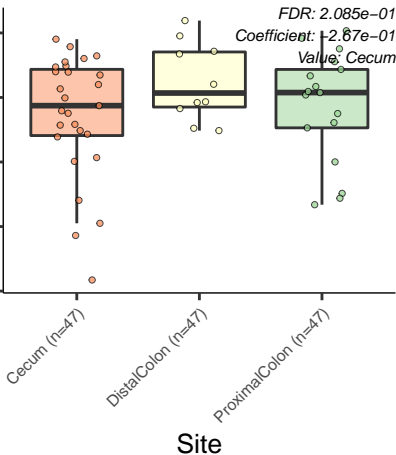
FUCCAT.PWY



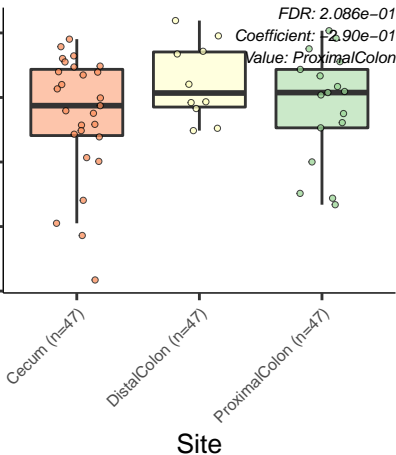
POLYISOPRENSYN.PWY



PWY.6895



PWY.6895



PWY.7187

0.6

0.4

0.2

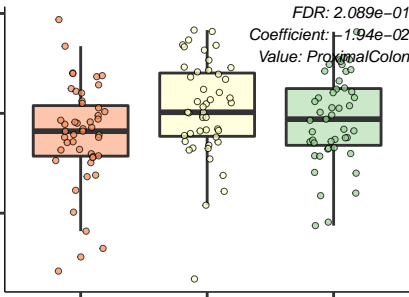
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

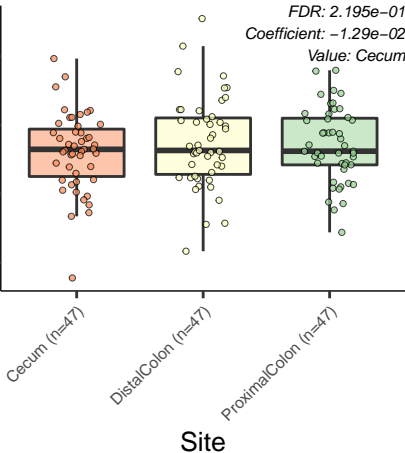
Site

FDR: 2.089e-01
Coefficient: -1.94e-02
Value: ProximalColon



PWY4FS.7

FDR: 2.195e-01
Coefficient: -1.29e-02
Value: Cecum



PWY4FS.8

FDR: 2.195e-01
Coefficient: -1.29e-02
Value: Cecum

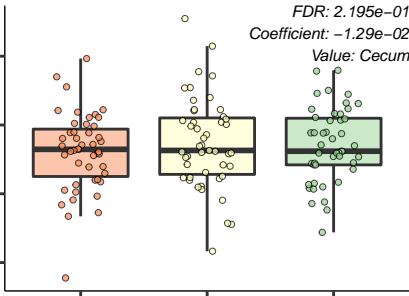
Cecum (n=47)

DistalColon (n=47)

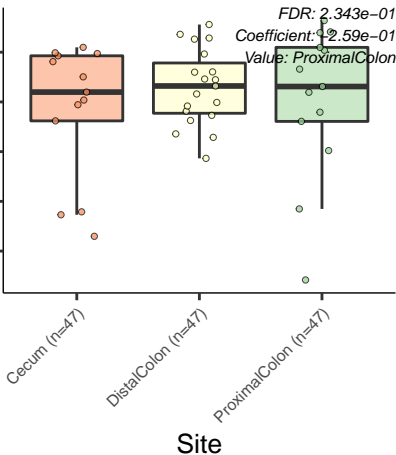
ProximalColon (n=47)

Site

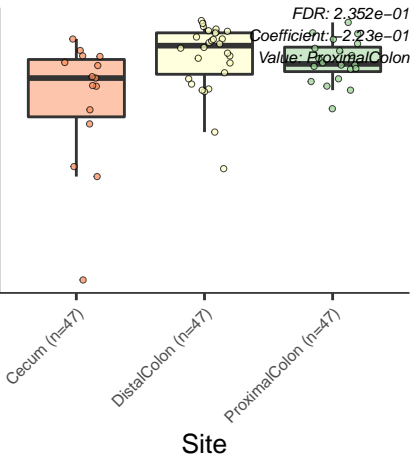
0.3
0.4
0.5
0.6



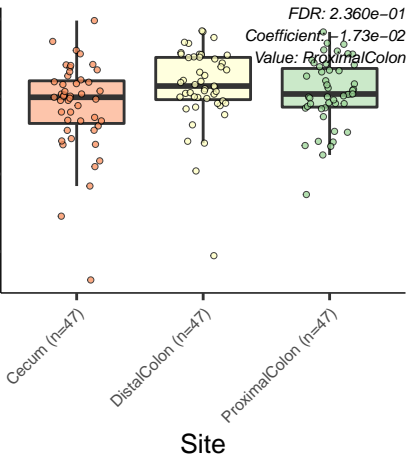
PWY0.1061



PWY.7456



PWY.7234



ARGSYN.PWY

FDR: 2.377e-01
Coefficient: 1.19e-02
Value: Cecum

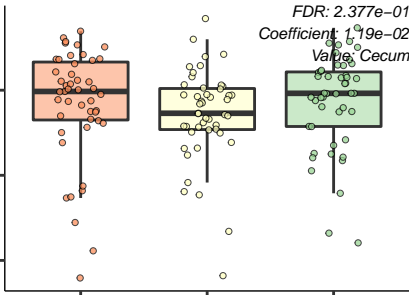
Cecum (n=47)

DistalColon (n=47)

ProximalColon (n=47)

Site

0.2
0.3
0.4



GLCMANNNAUT.PWY

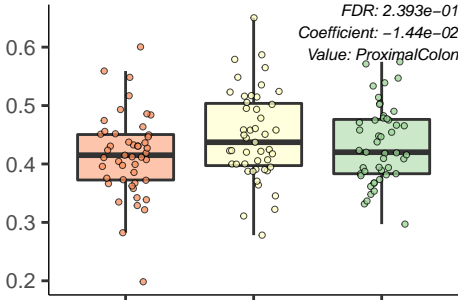
FDR: 2.393e-01
Coefficient: -1.44e-02
Value: ProximalColon

Cecum (n=47)

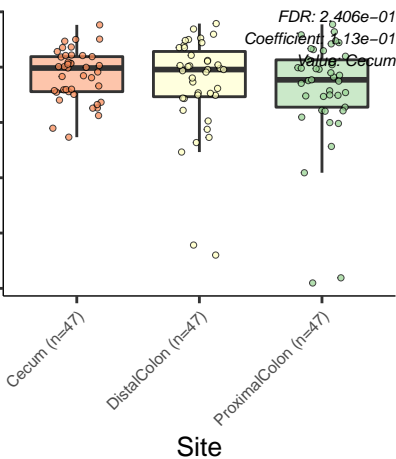
DistalColon (n=47)

ProximalColon (n=47)

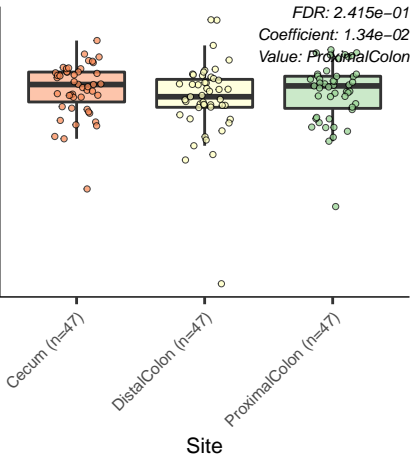
Site



PWY490.3



DAPLYSINESYN.PWY



GLUTORN.PWY

