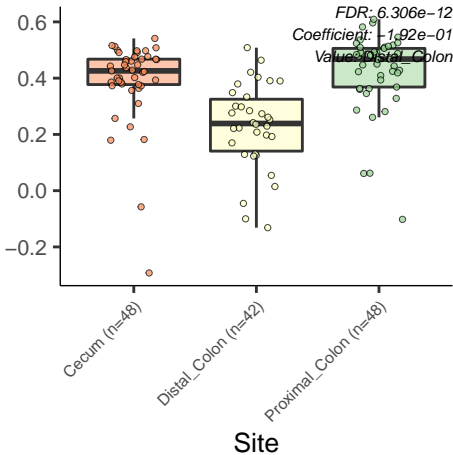
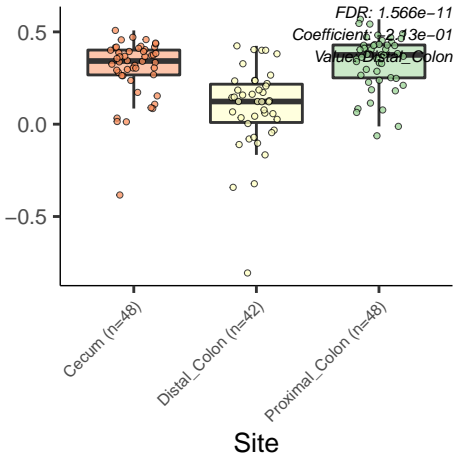


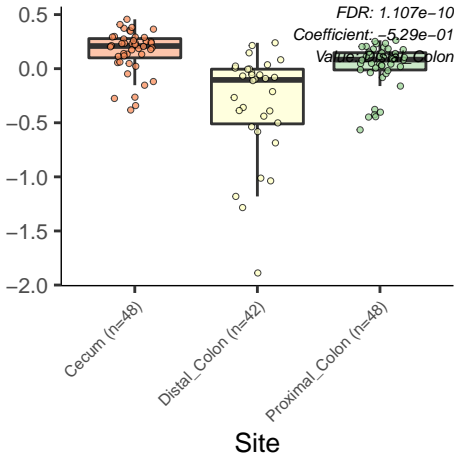
PWY.5505



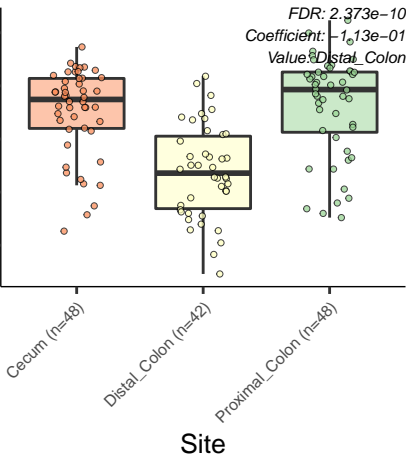
PWY.6269



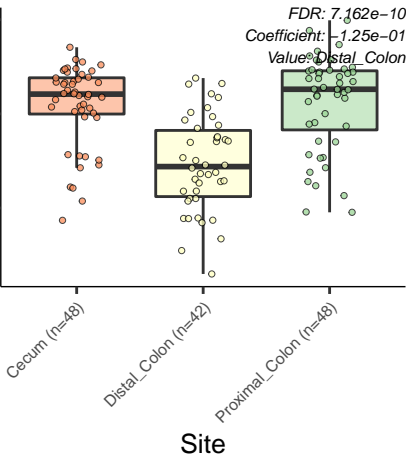
PWY.6545



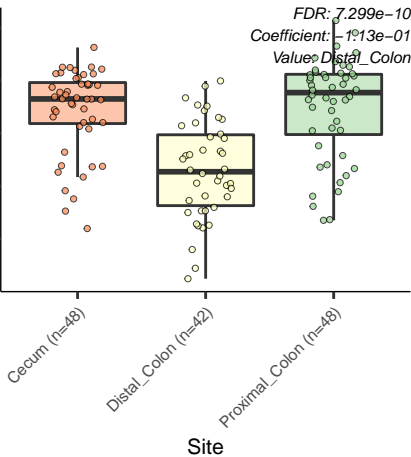
PWY.5104



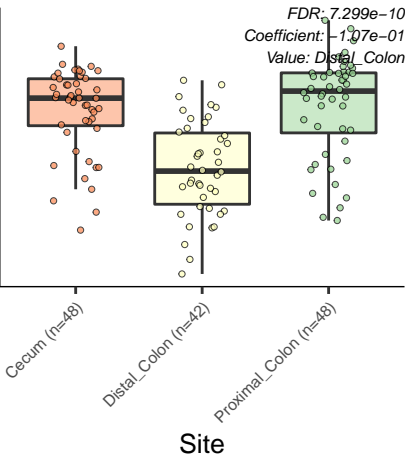
ARGSYNBSUB.PWY



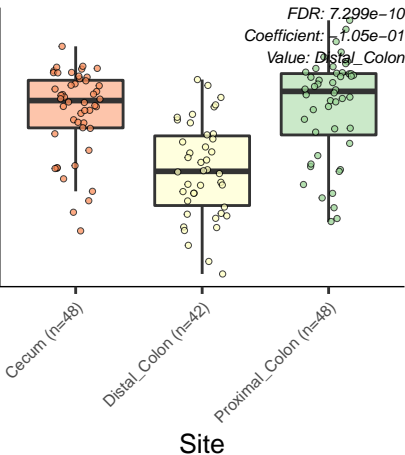
BRANCHED.CHAIN.AA.SYN.PW



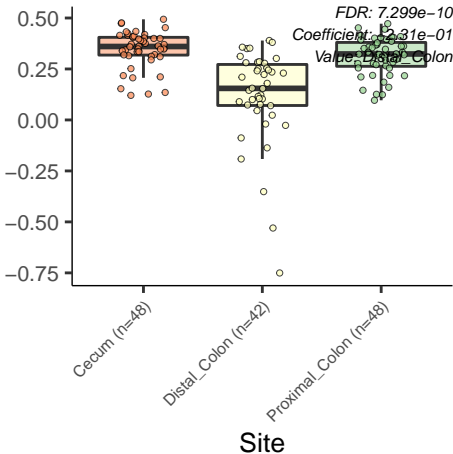
ILEUSYN.PWY



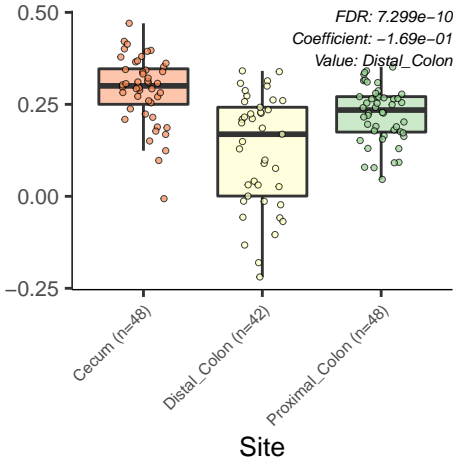
PWY.5101



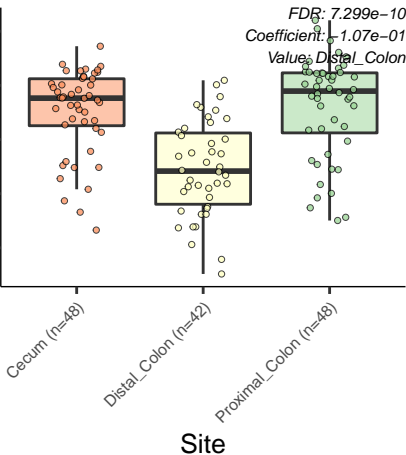
PWY.6892



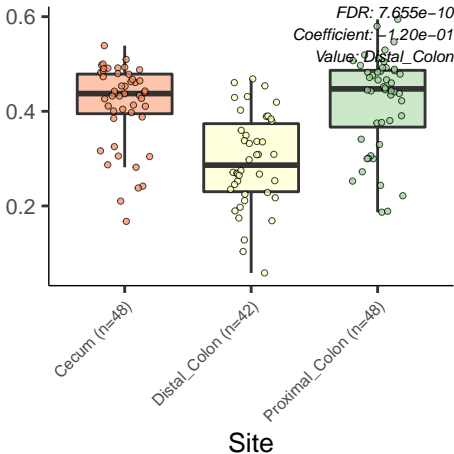
THISYN.PWY



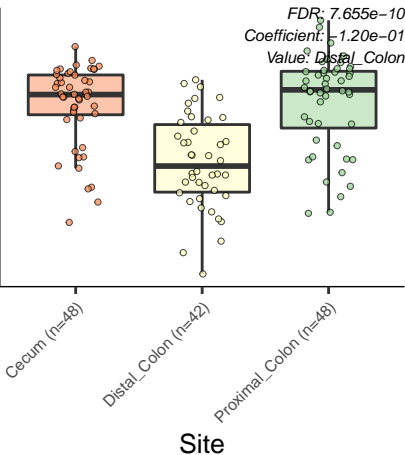
VALSYN.PWY



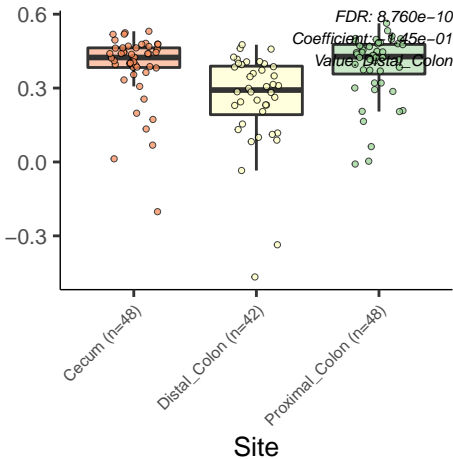
ARGSYN.PWY



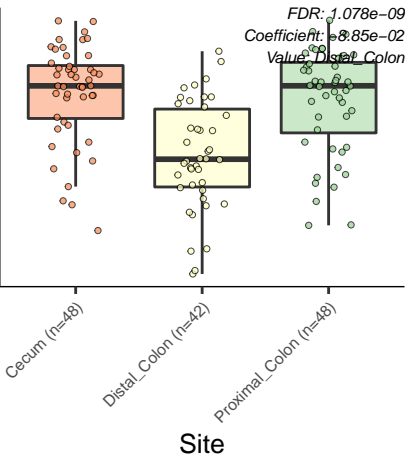
PWY.7400



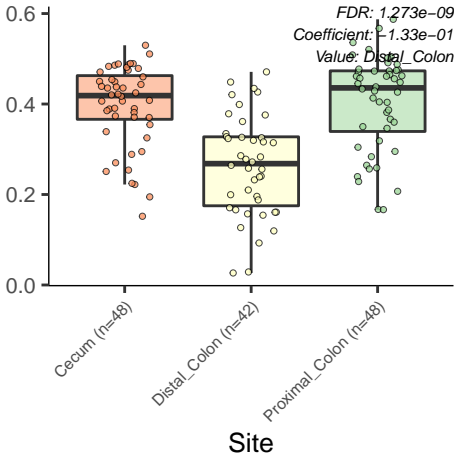
OANTIGEN.PWY



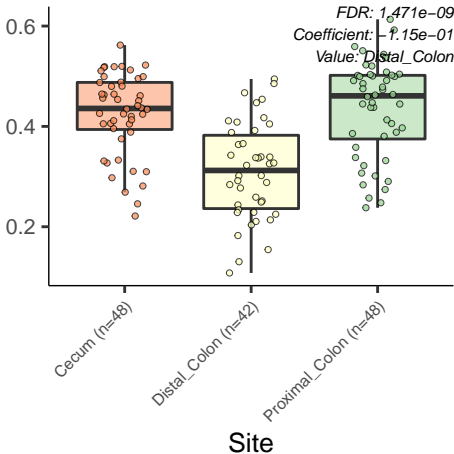
GLYCOLYSIS

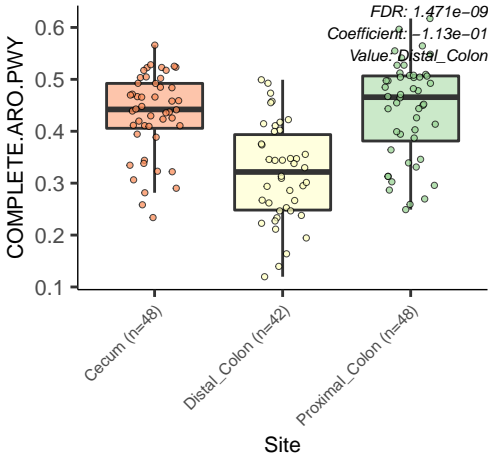


HISTSYN.PWY

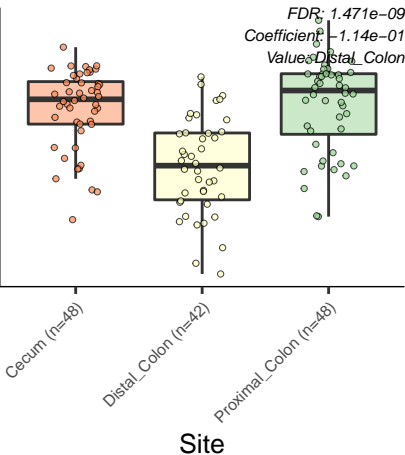


ARO.PWY

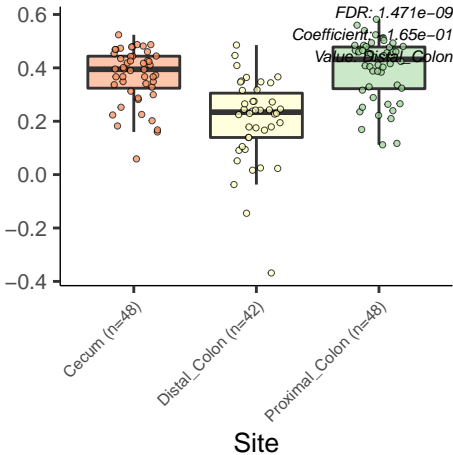




PWY.5103



PYRIDNUCSAL.PWY



CALVIN.PWY

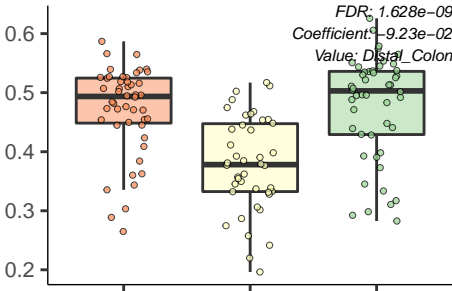
FDR: 1.628e-09
Coefficient: -9.23e-02
Value: Distal_Colon

Cecum (n=48)

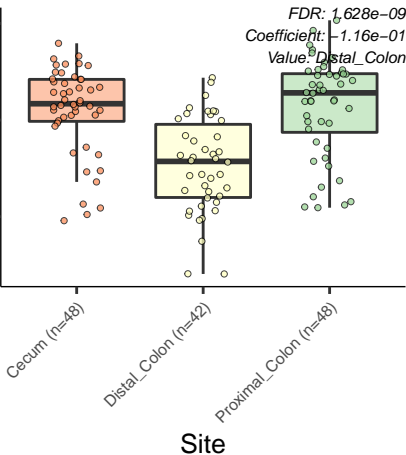
Distal_Colon (n=42)

Proximal_Colon (n=48)

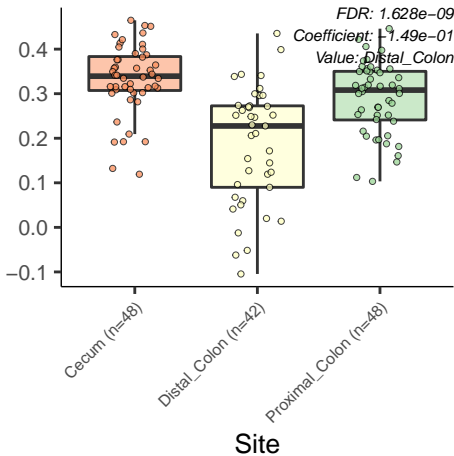
Site



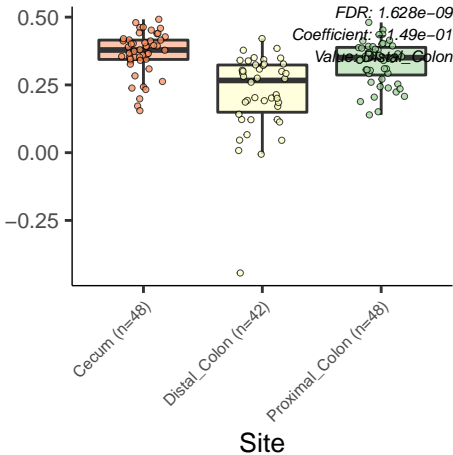
NONMEVIP.PWY



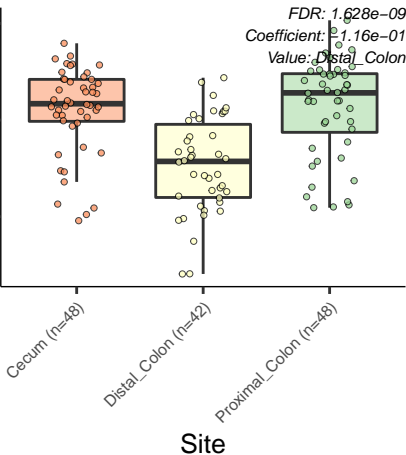
PANTO.PWY



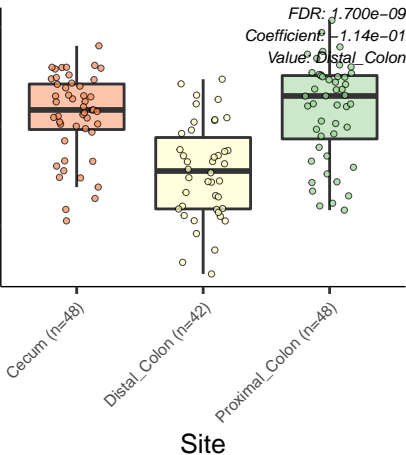
PANTOSYN.PWY



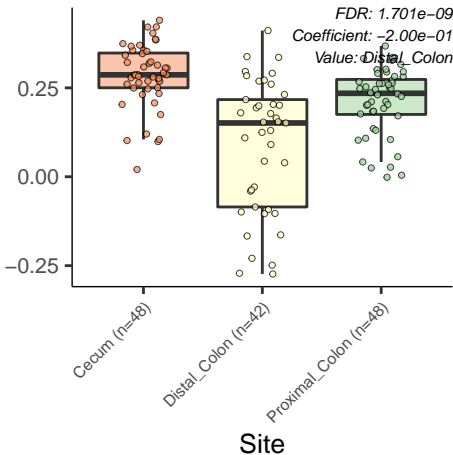
PWY.7560



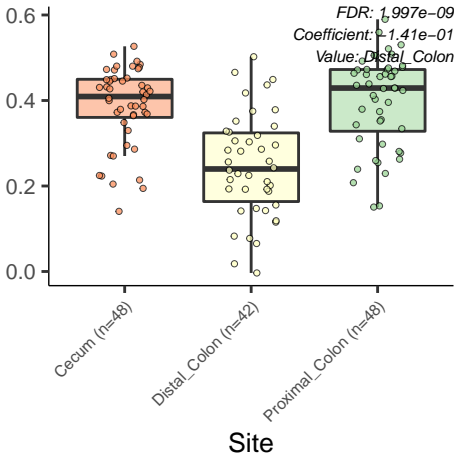
PWY.6163



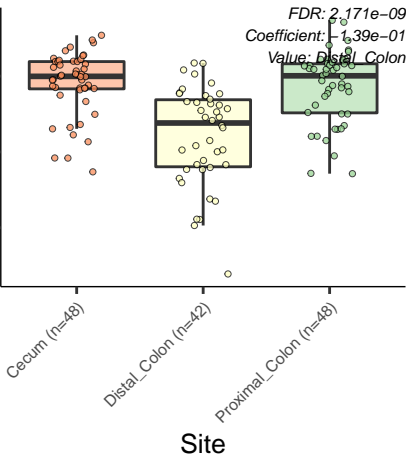
PWY.6703



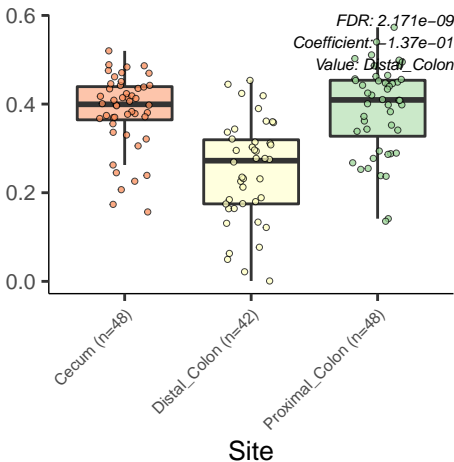
GLUTORN.PWY



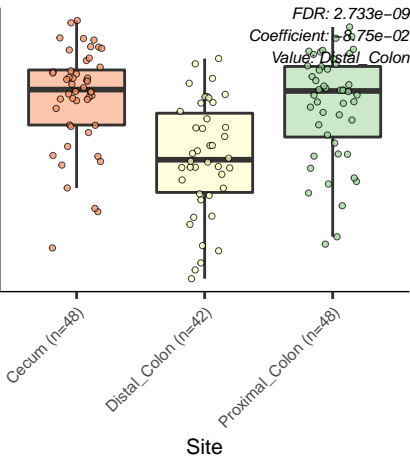
RIBOSYN2.PWY



TRPSYN.PWY



ANAEROFRUCAT.PWY



COBALSYN.PWY

0.6
0.4
0.2
0.0

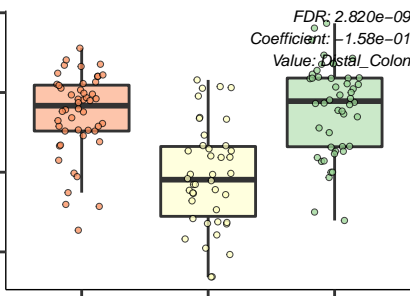
Cecum (n=48)

Distal_Colon (n=42)

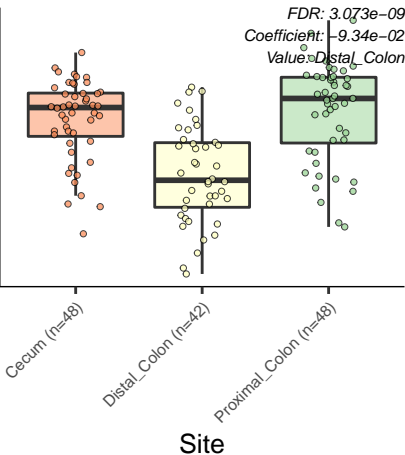
Proximal_Colon (n=48)

Site

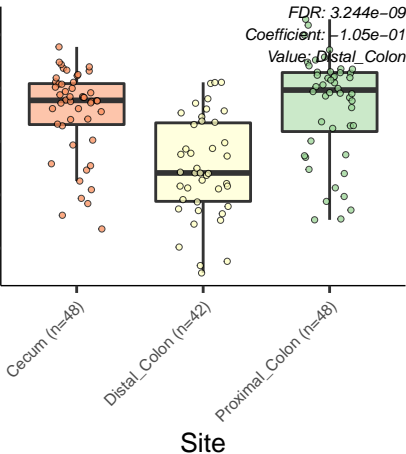
FDR: 2.820e-09
Coefficient: -1.58e-01
Value: Distal_Colon



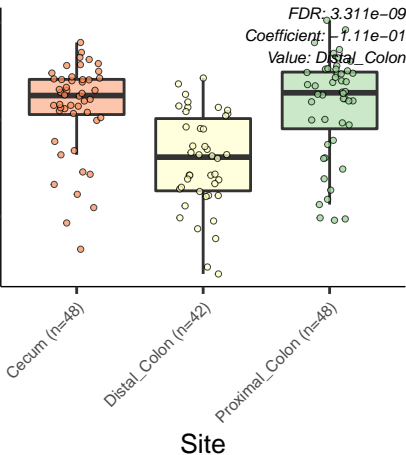
PWY.71111

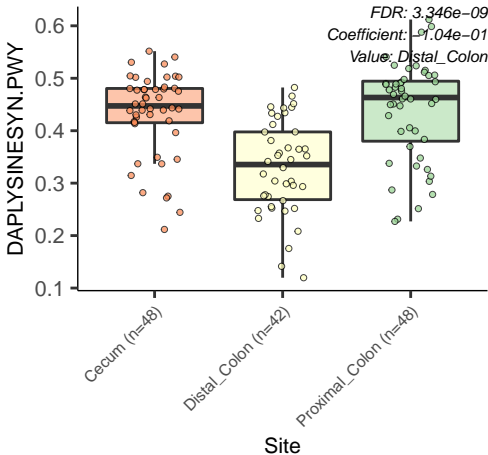


GLYCOCAT.PWY

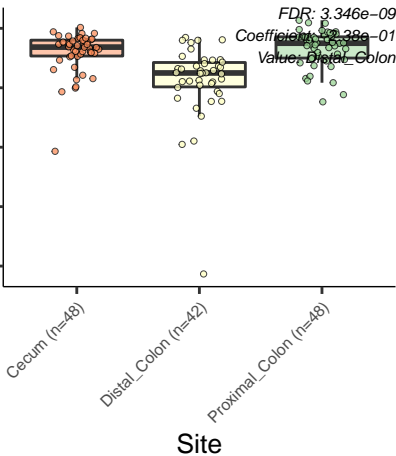


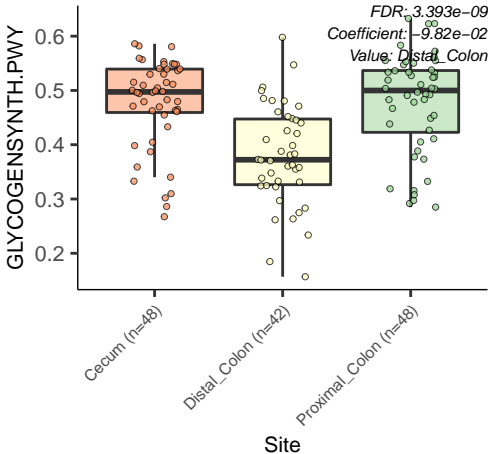
PWY.5121



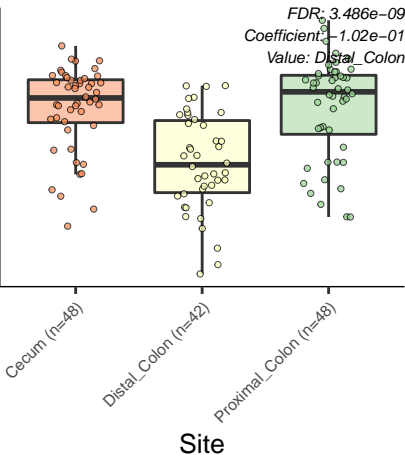


PWY.5509

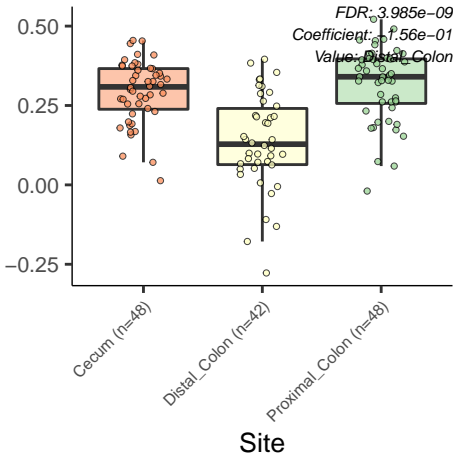


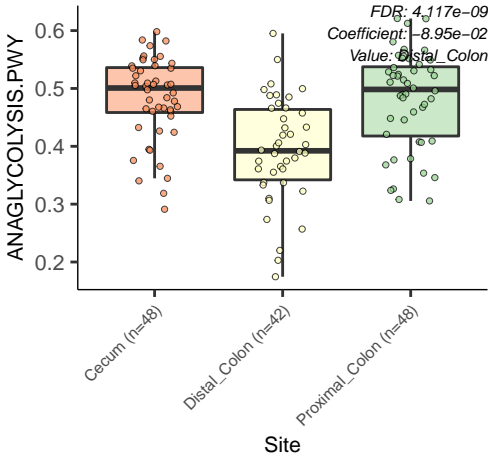


PWY.3001

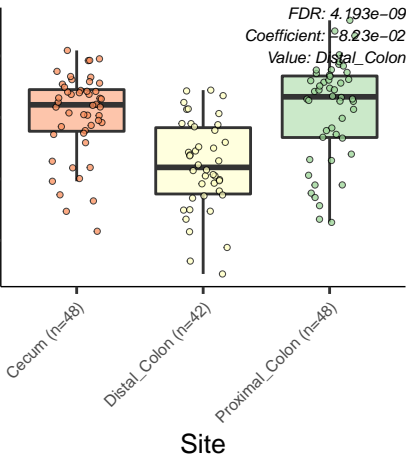


PWY.5188

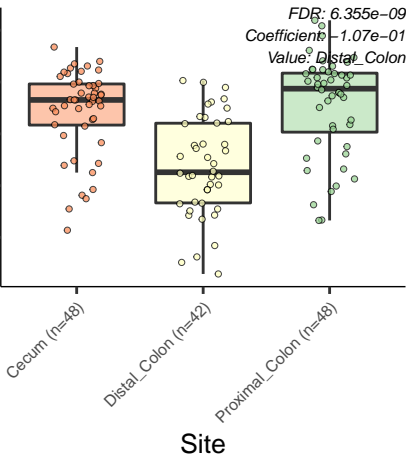




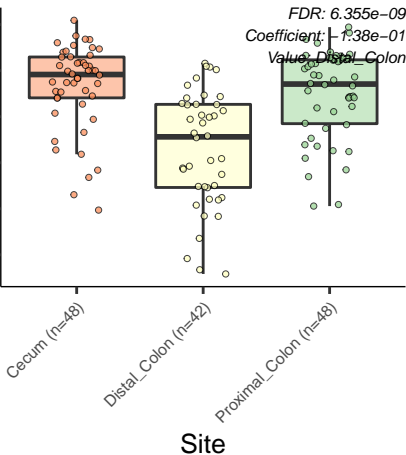
NONOXIPENT.PWY



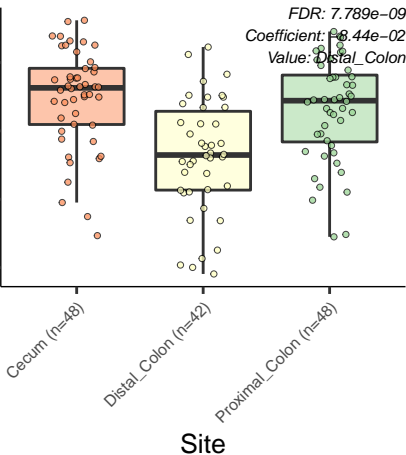
PWY.6737



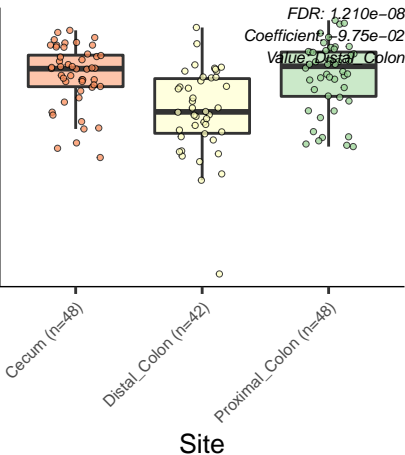
PYRIDNUCSYN.PWY

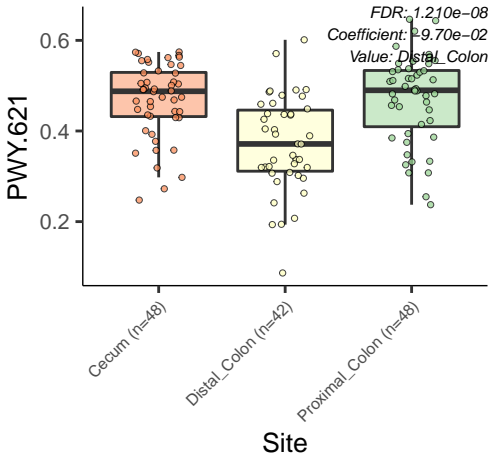


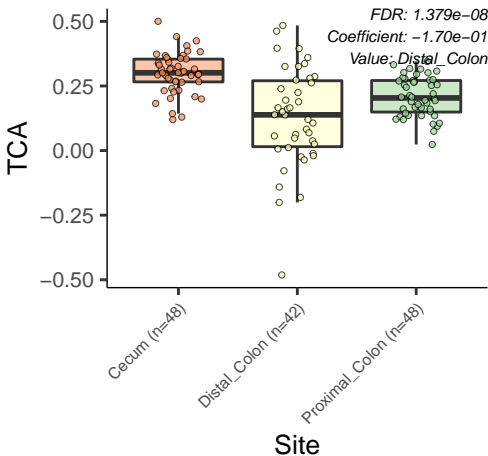
PWY.5484



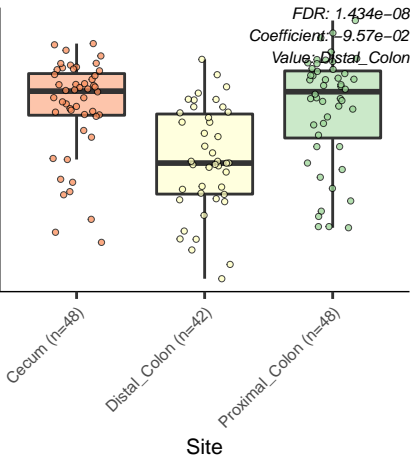
PWY.5100



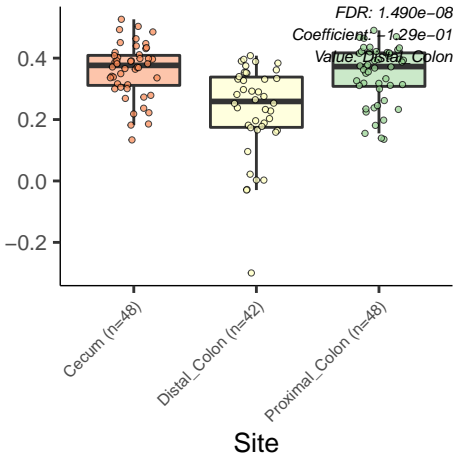




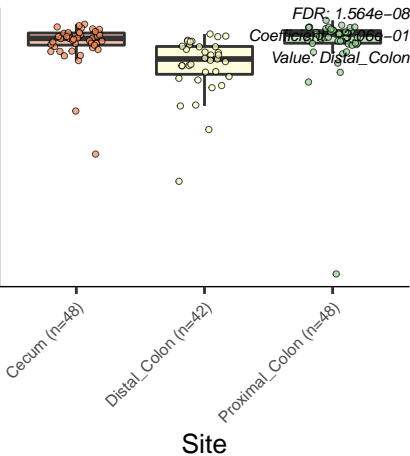
TRNA.CHARGING.PWY



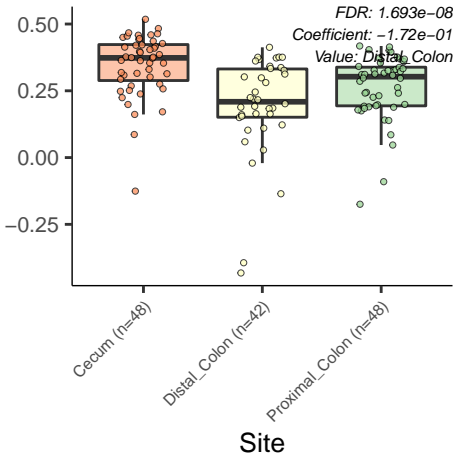
PWY.7199



PWY.1861



P42.PWY



PWY.6263

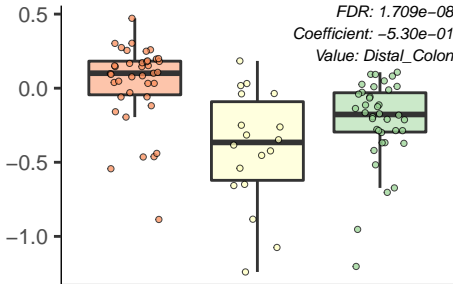
FDR: 1.709e-08
Coefficient: -5.30e-01
Value: Distal_Colon

Cecum (n=48)

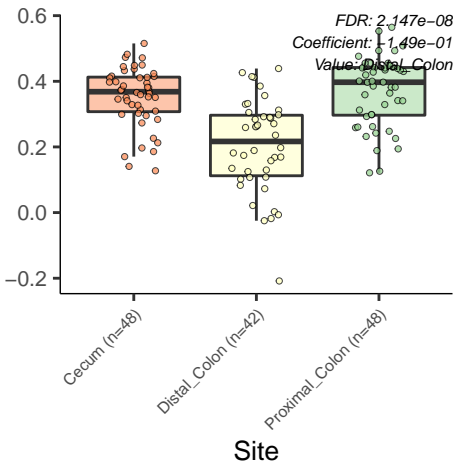
Distal_Colon (n=42)

Proximal_Colon (n=48)

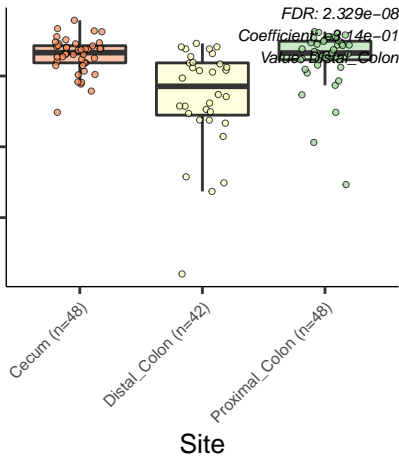
Site



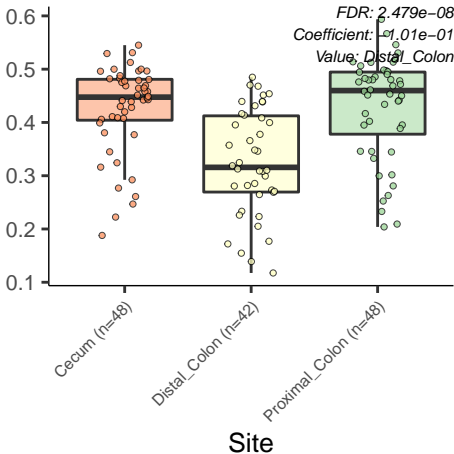
PWY.6897



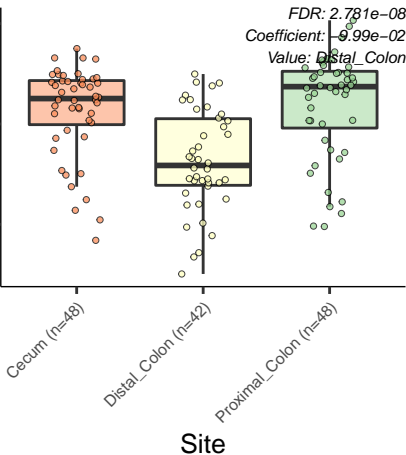
RUMP.PWY



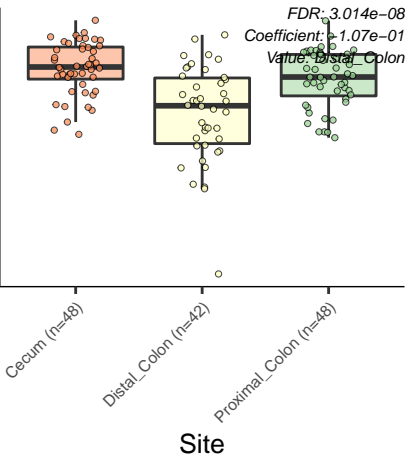
X1CMET2.PWY



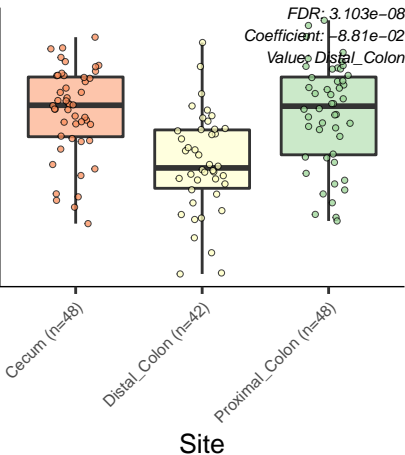
SER.GLYSYN.PWY



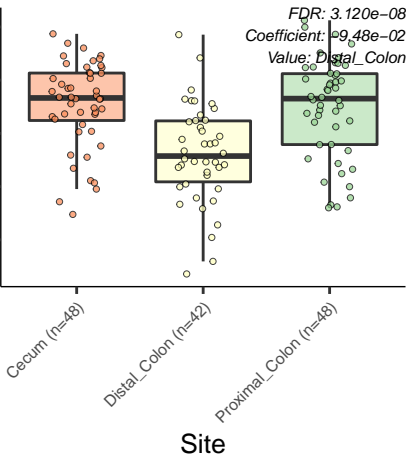
FOLSYN.PWY



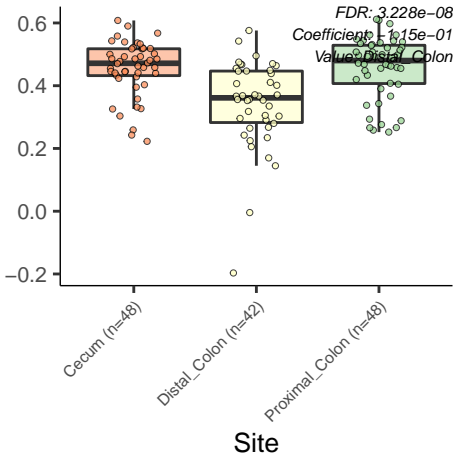
PWY.5973



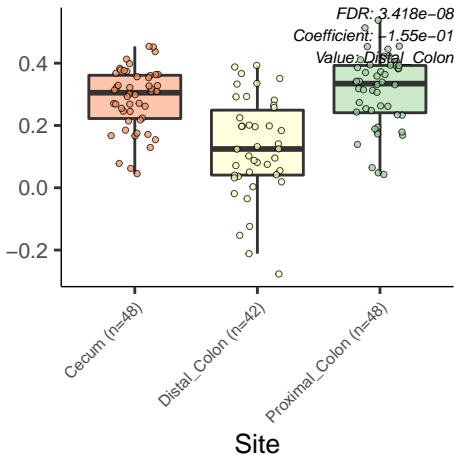
PWY.6123



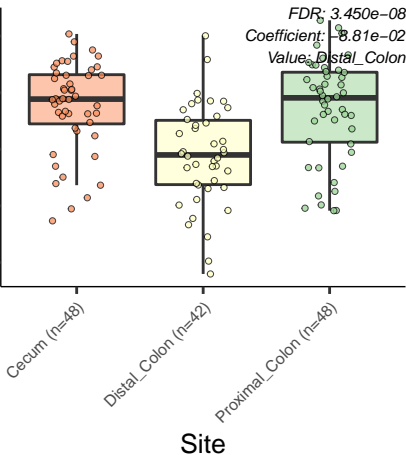
PWY.6609



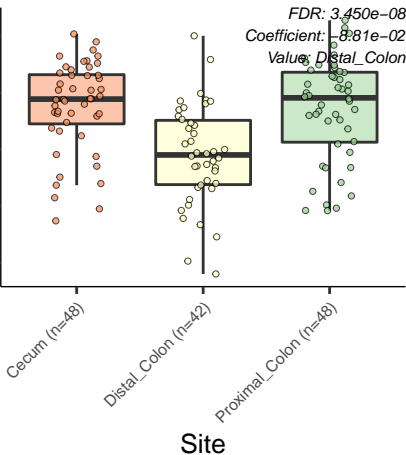
PWY.5189



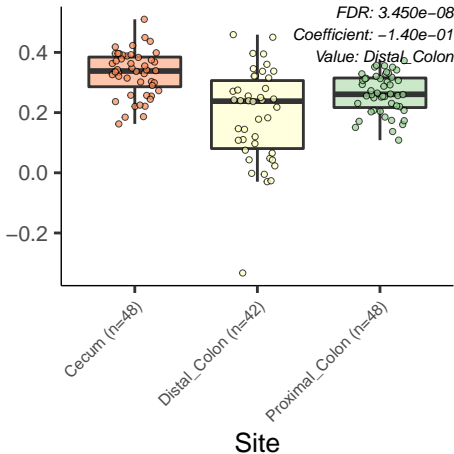
PWY.6122



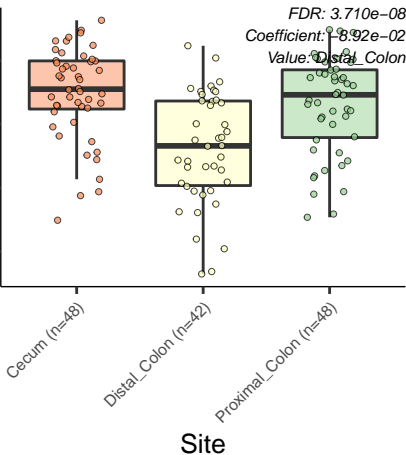
PWY.6277



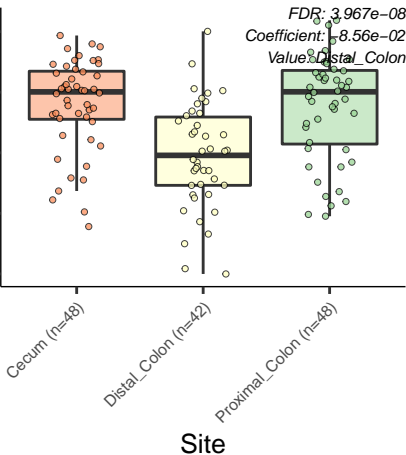
PWY.6969



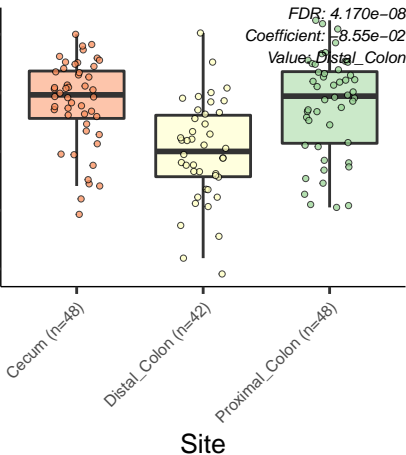
GLUCONEO.PWY



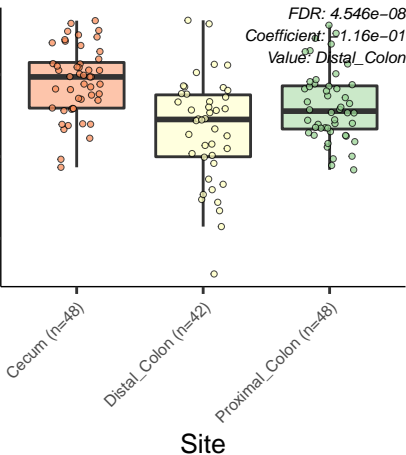
PWY.5686



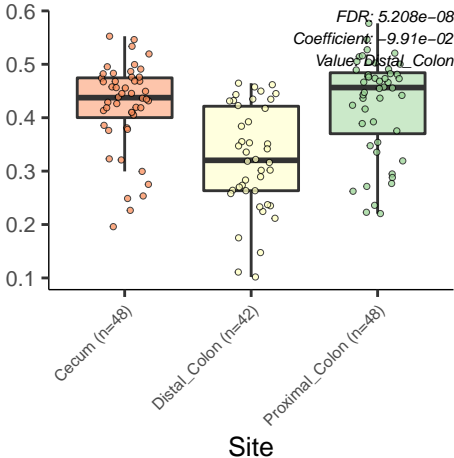
PWY.7219



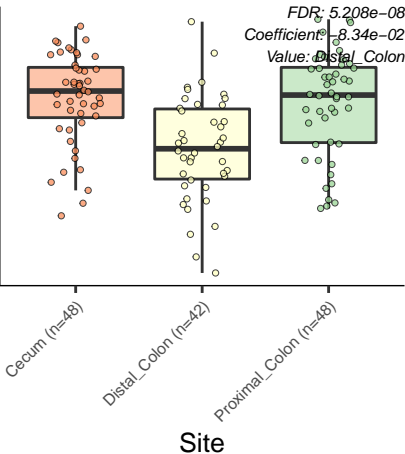
PWY.7196



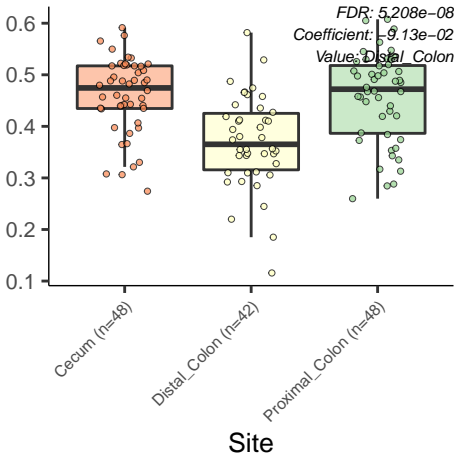
ASPASN.PWY



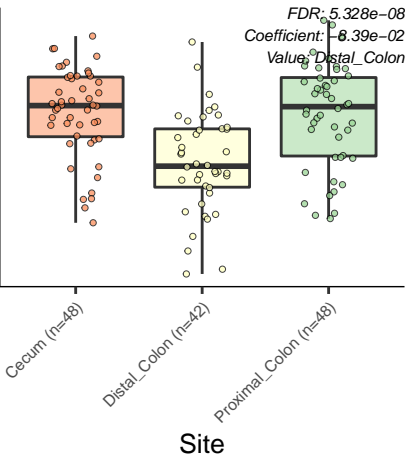
PWY.7208



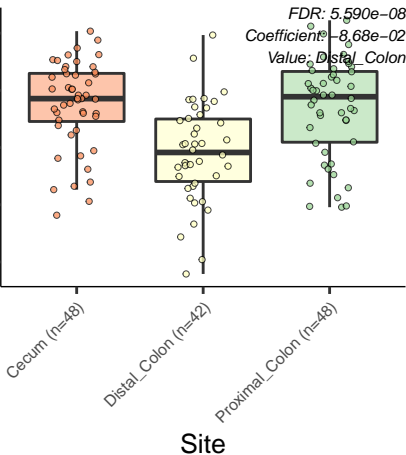
THRESYN.PWY



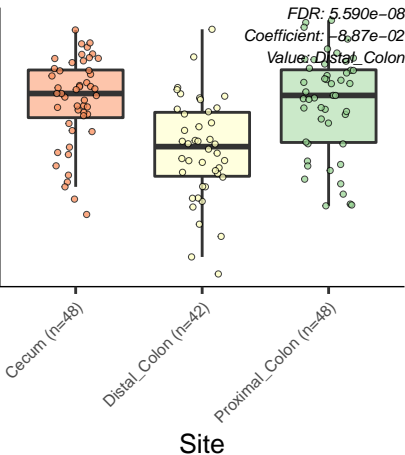
PWY.7663



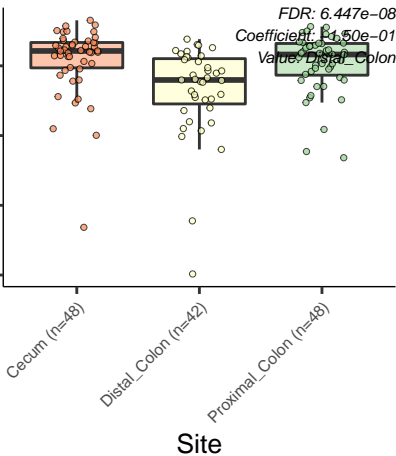
PWY.6121



PWY.6386



PWY.7392



PWY.6895

FDR: 6.574e-08

Coefficient: -4.35e-01

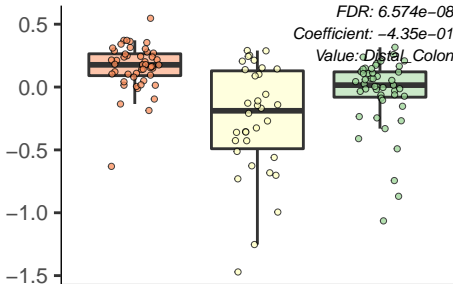
Value: Distal_Colon

Cecum (n=48)

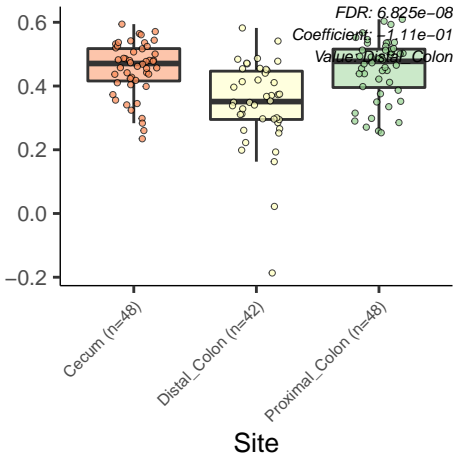
Distal_Colon (n=42)

Proximal_Colon (n=48)

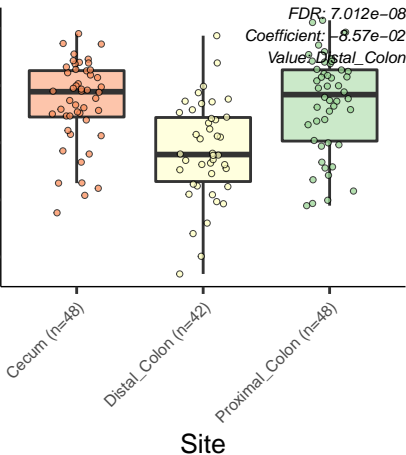
Site



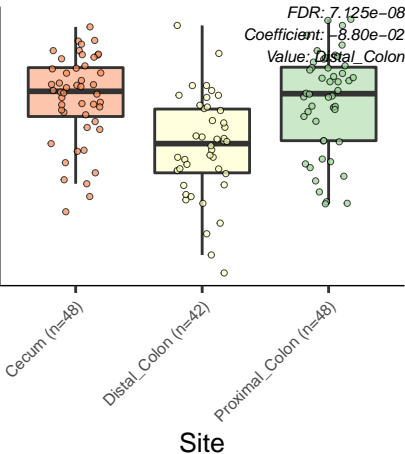
PWY.6317

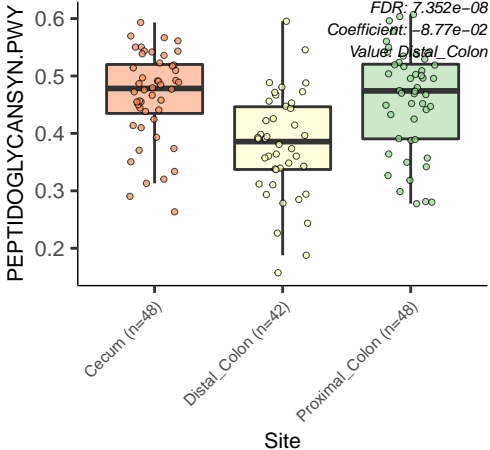


PWY.5097

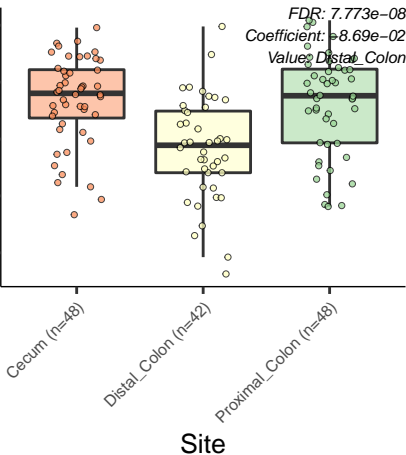


PWY.6385

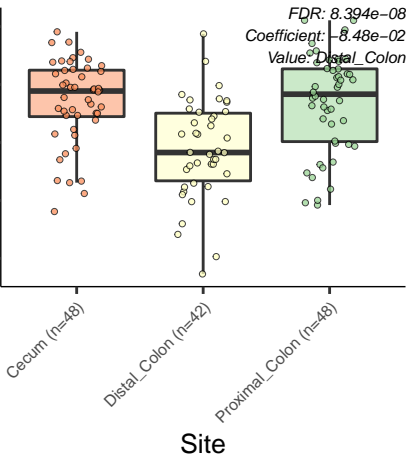




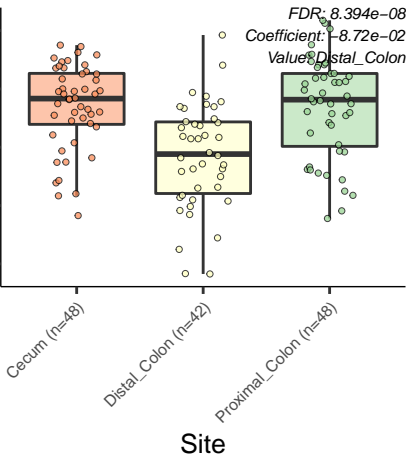
PWY.6387



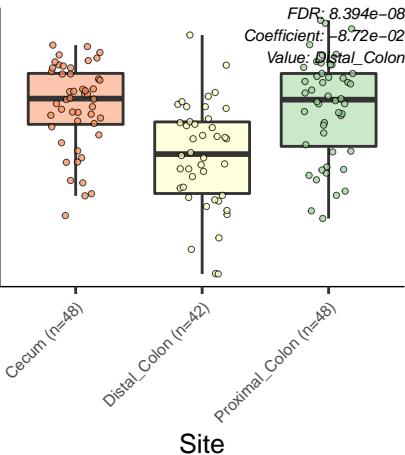
PWY.2942



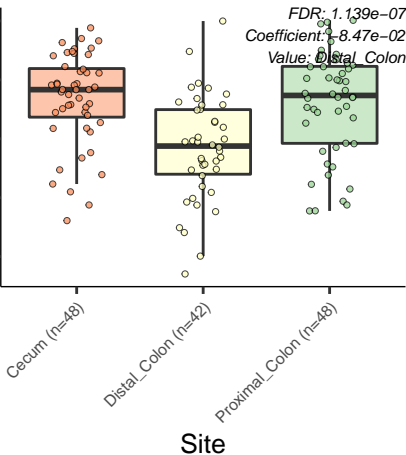
PWY4FS.7



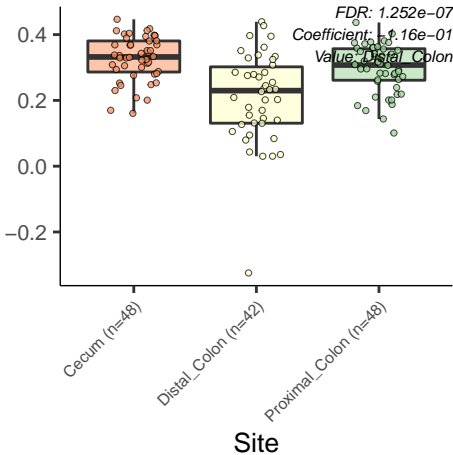
PWY4FS.8



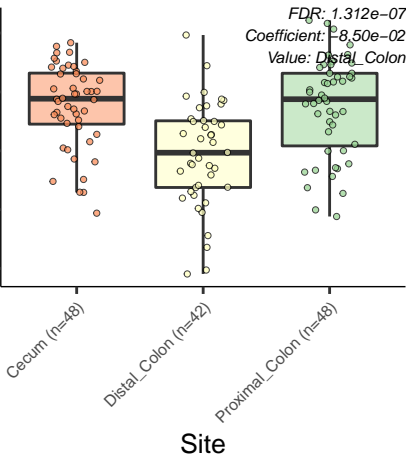
PWY.7221



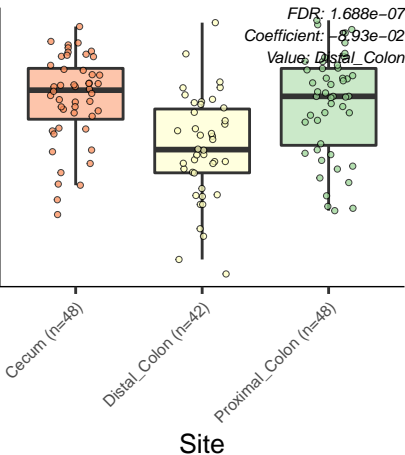
PWY.6612



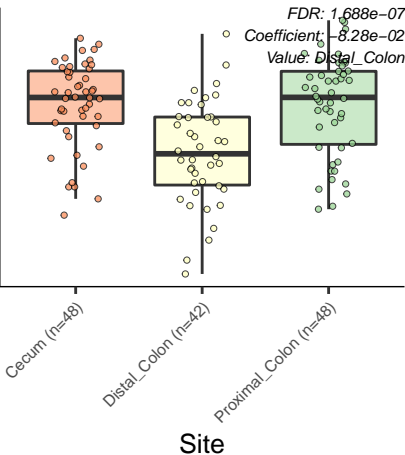
PHOSLIPSYN.PWY



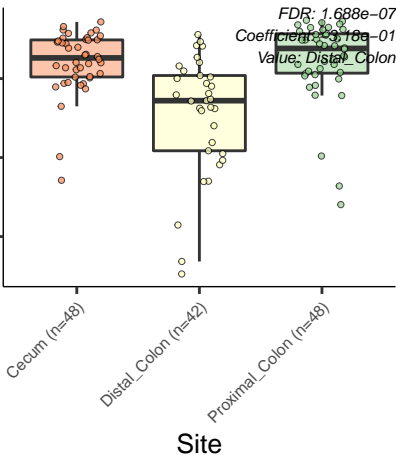
COA.PWY



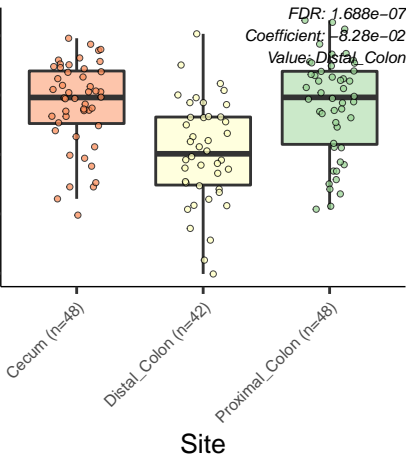
PWY.5667



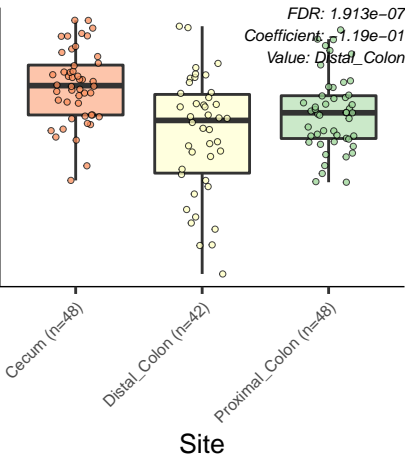
PWY.7003



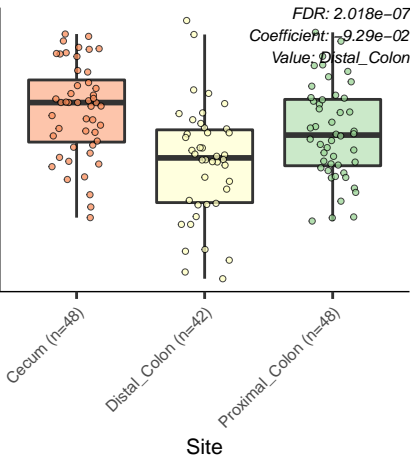
PWY0.1319



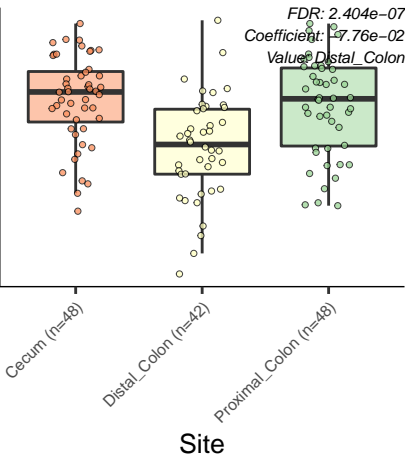
PWY.7200



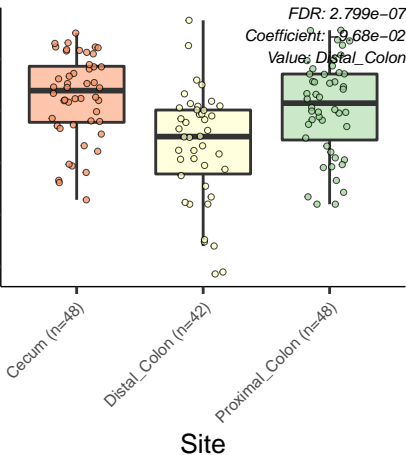
DENOVO PURINE2.PWY



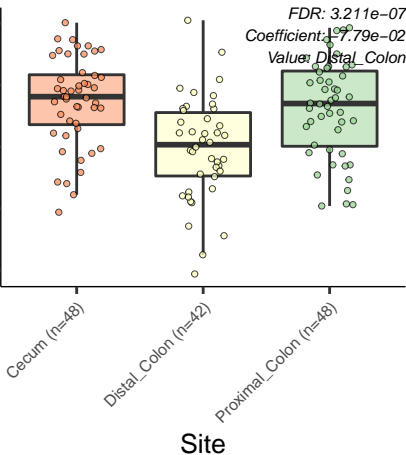
PWY.7229



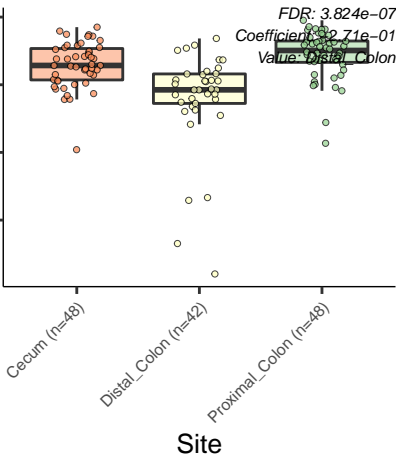
UDPNAGSYN.PWY



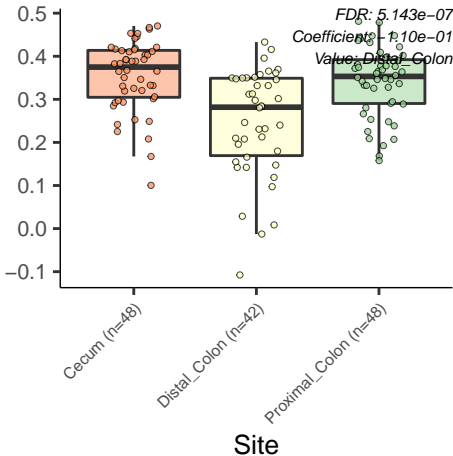
PWY.6126



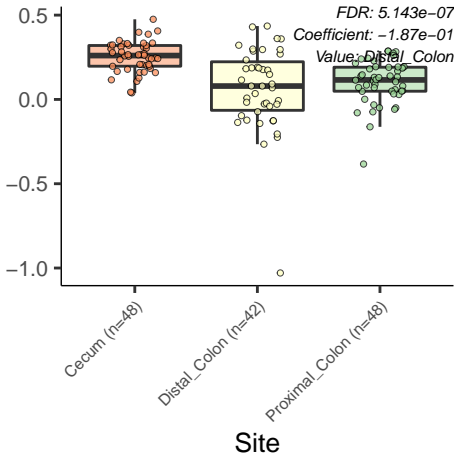
P164.PWY



PWY.5659



PWY.5913

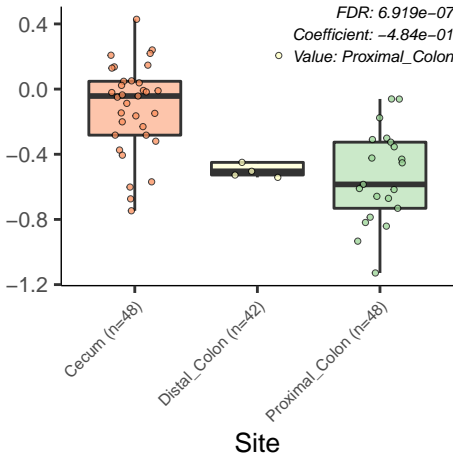


PWY.7371

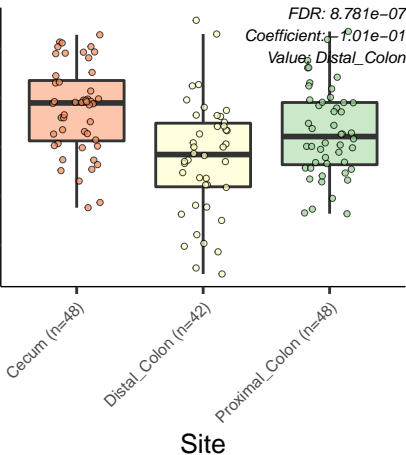
FDR: 6.919e-07

Coefficient: -4.84e-01

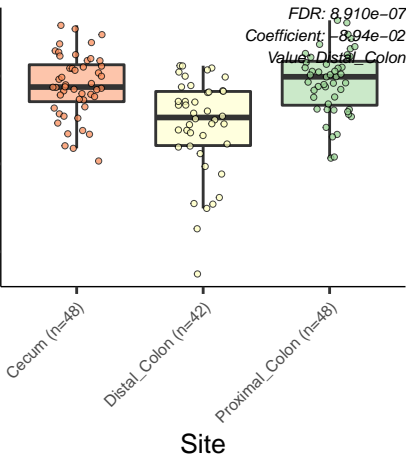
○ Value: Proximal_Colon



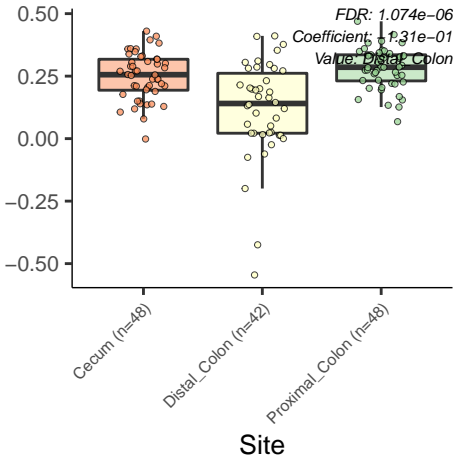
PWY.7187



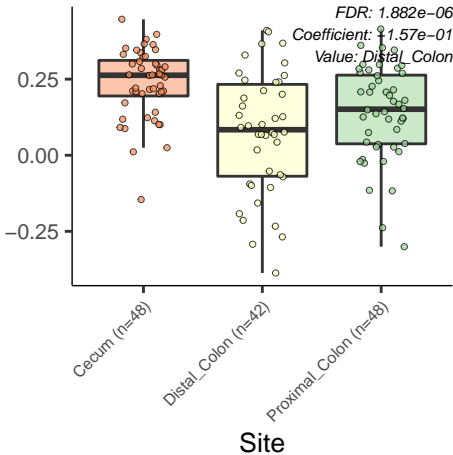
P441.PWY



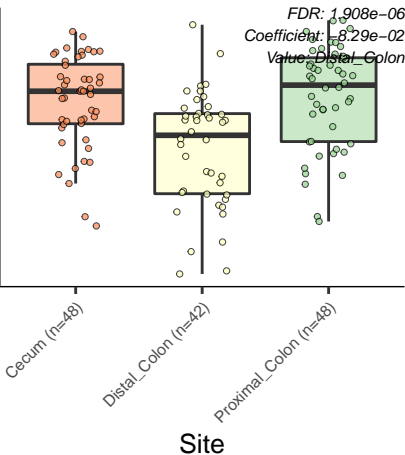
PWY.6353



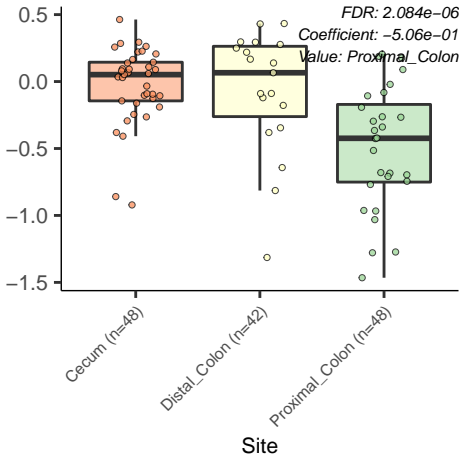
HEMESYN2.PWY



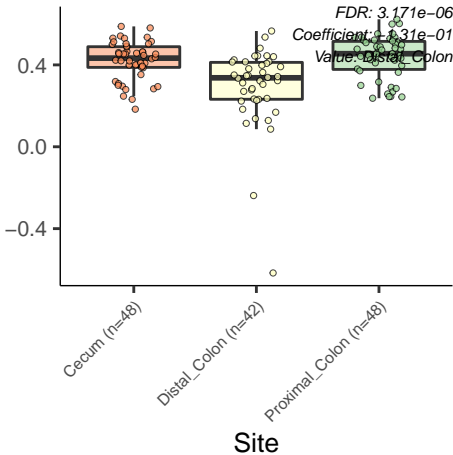
PWY0.1586



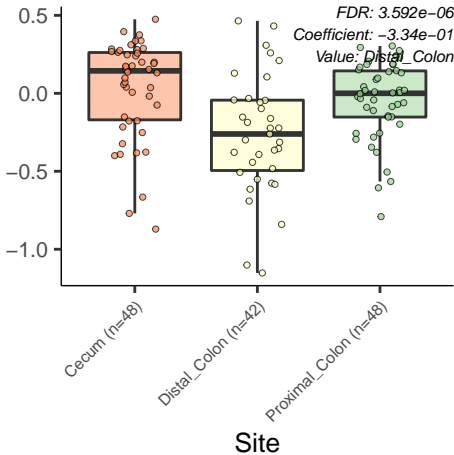
HEME.BIOSYNTHESIS.II



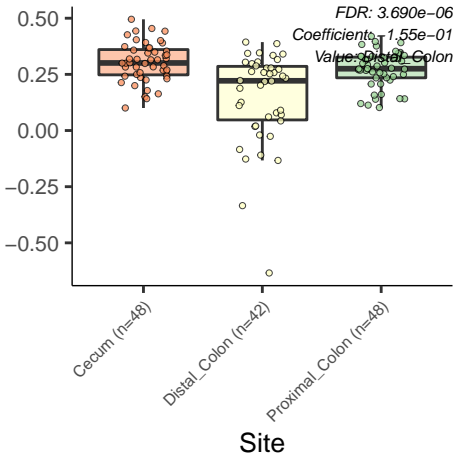
PWY0.1296



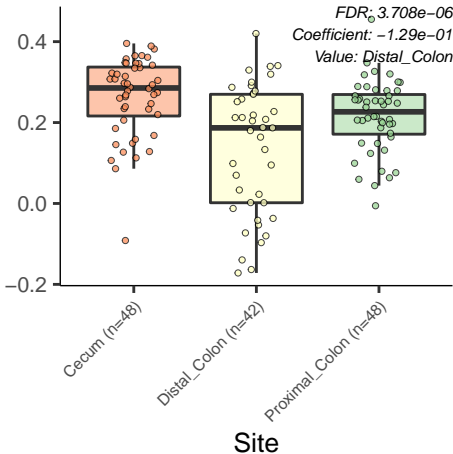
HSERMETANA.PWY



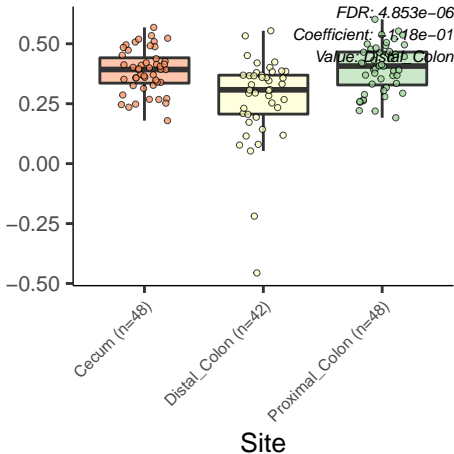
PWY.6700



PWY.7323



PWY0.1298



PWY0.162

Cecum (n=48)

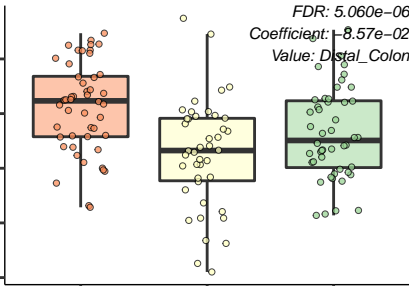
Distal_Colon (n=42)

Proximal_Colon (n=48)

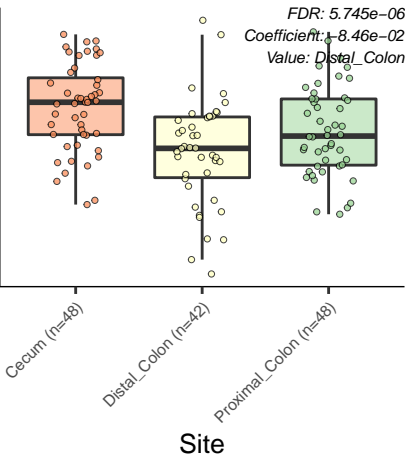
Site

FDR: 5.060e-06
Coefficient: 8.57e-02
Value: Distal_Colon

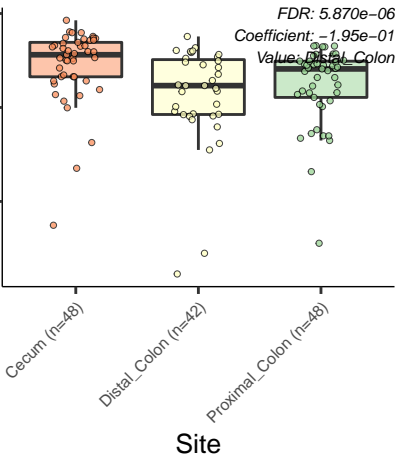
0.5
0.4
0.3
0.2
0.1



PWY.841



P108.PWY



PWY.7374

FDR: 5.997e-06

Coefficient: -5.67e-01

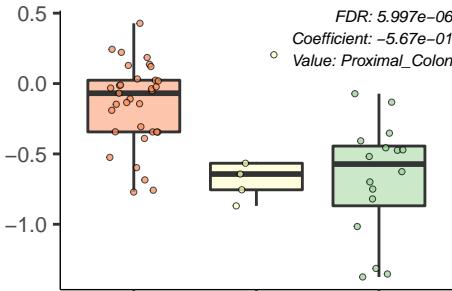
Value: Proximal_Colon

Cecum (n=48)

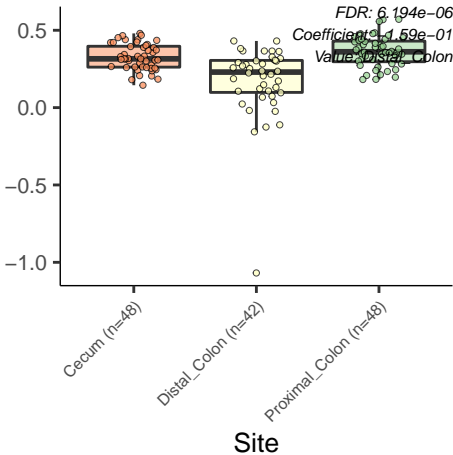
Distal_Colon (n=42)

Proximal_Colon (n=48)

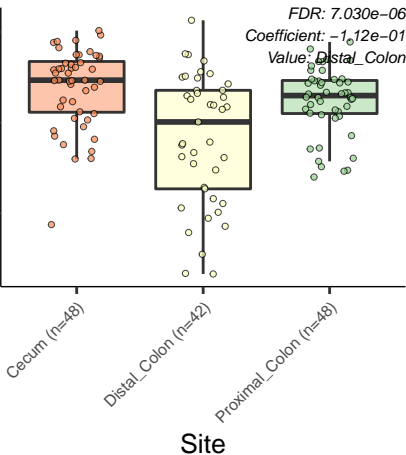
Site



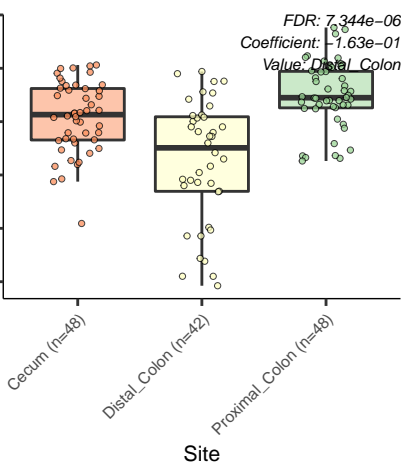
PWY.7242



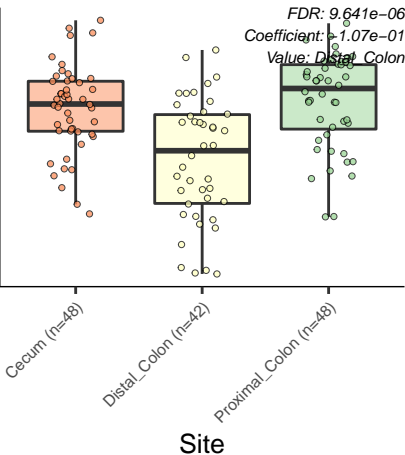
COLANSYN.PWY



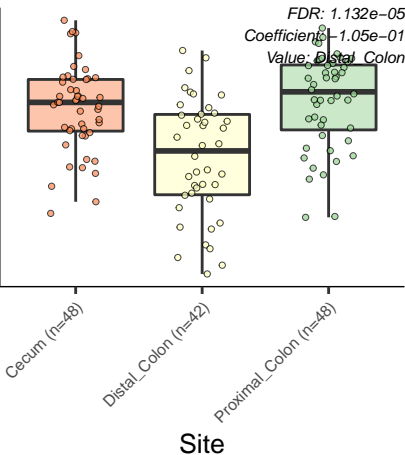
GALACT.GLUCUROCAT.PWY



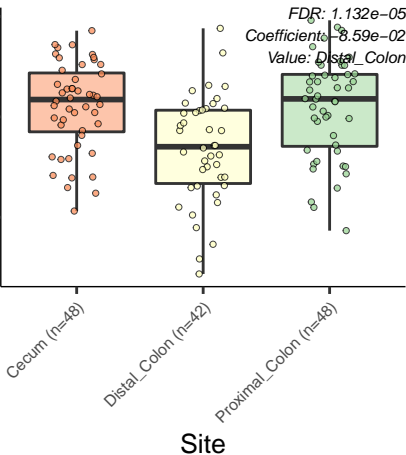
PWY.7539



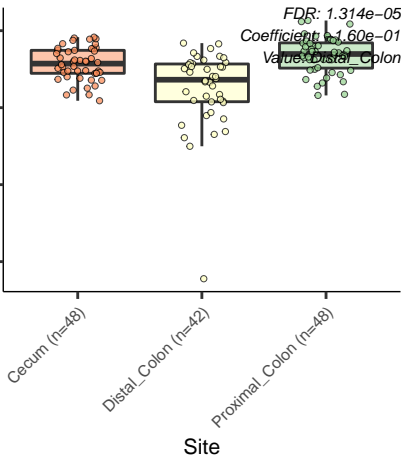
PWY.6147



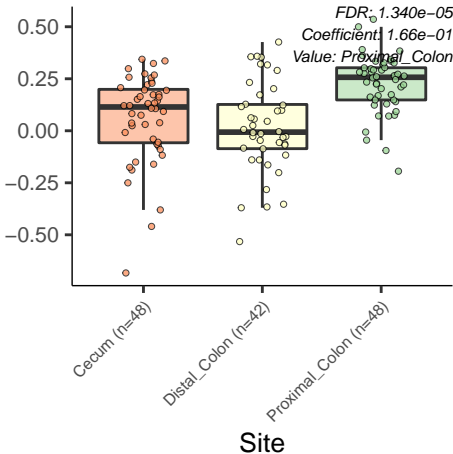
PWY.6151



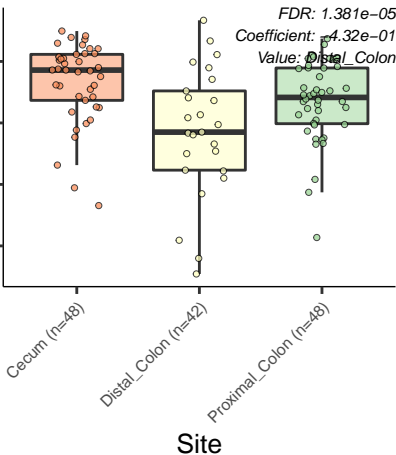
GALACTUROCAT.PWY

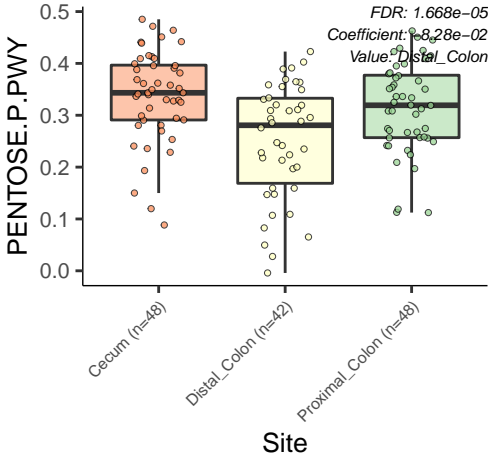


PWY.5347

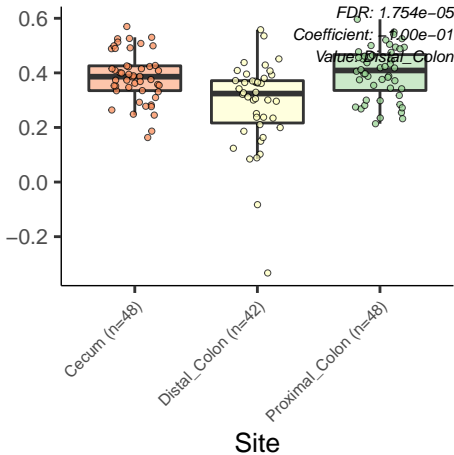


PWY.5022

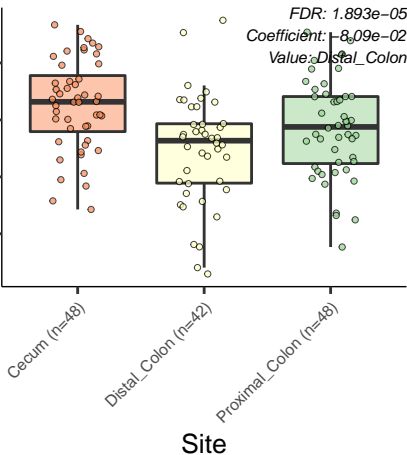




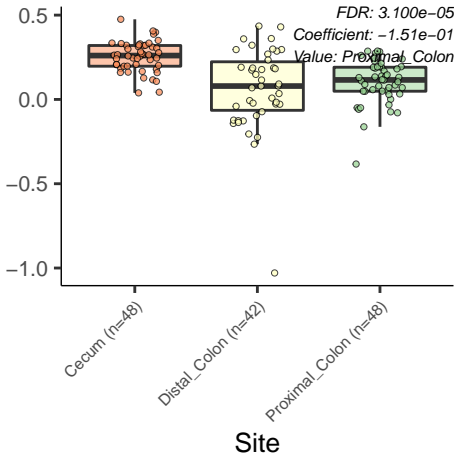
PWY0.1297



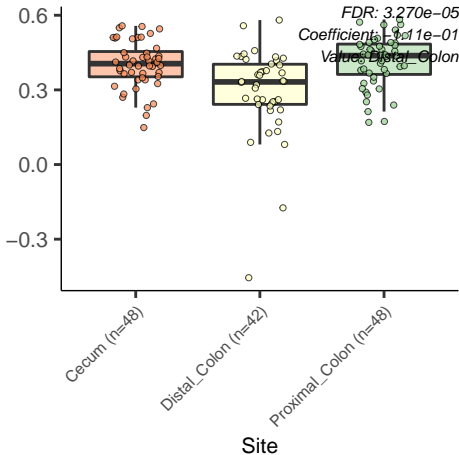
FASYN.ELONG.PWY



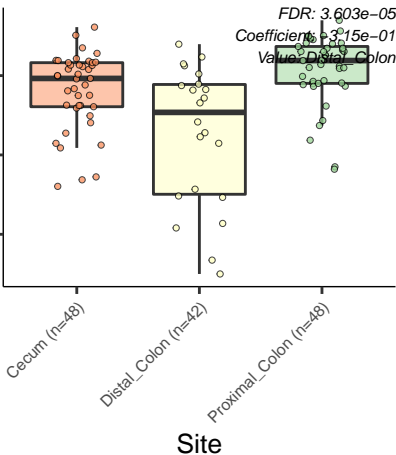
PWY.5913



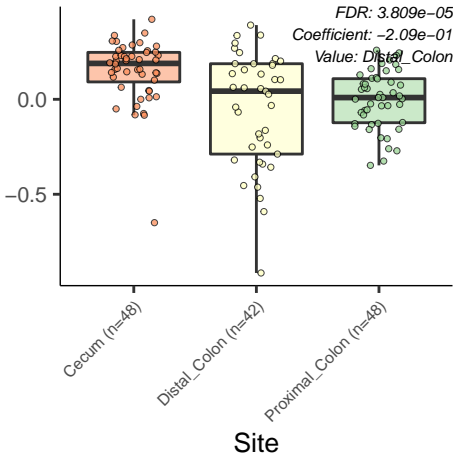
GLCMANNAUT.PWY



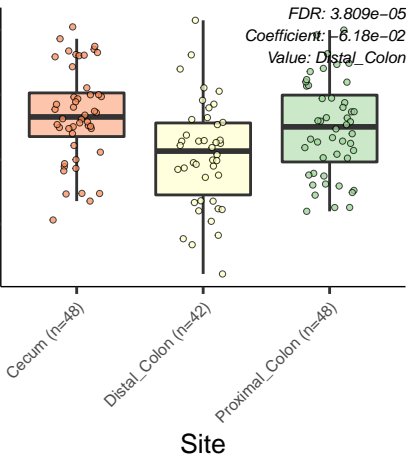
PWY490.3



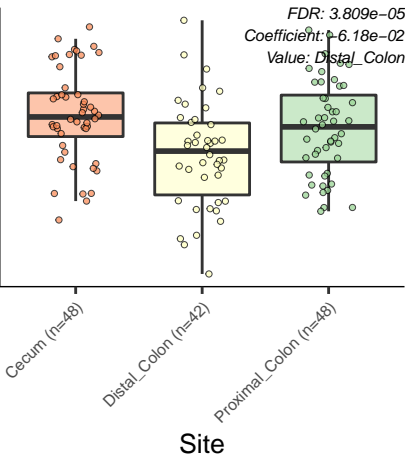
NAGLIPASYN.PWY



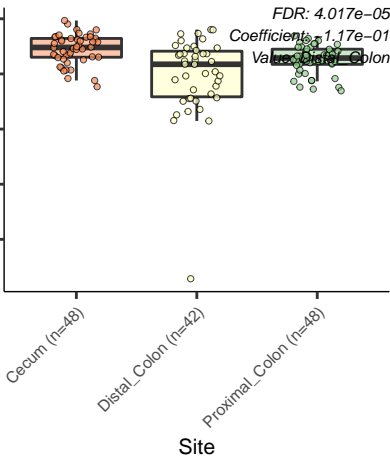
PWY.7220



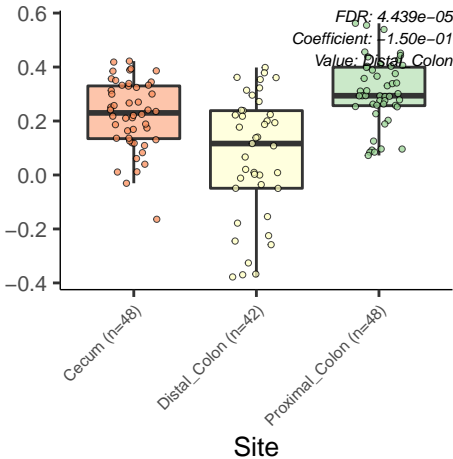
PWY.7222



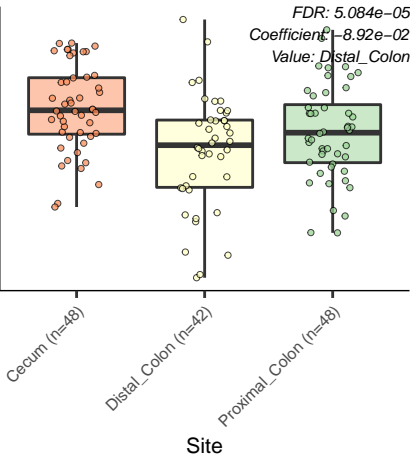
FERMENTATION.PWY



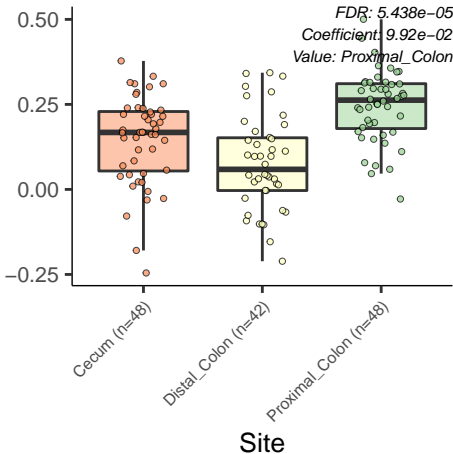
GLUCUROCAT.PWY



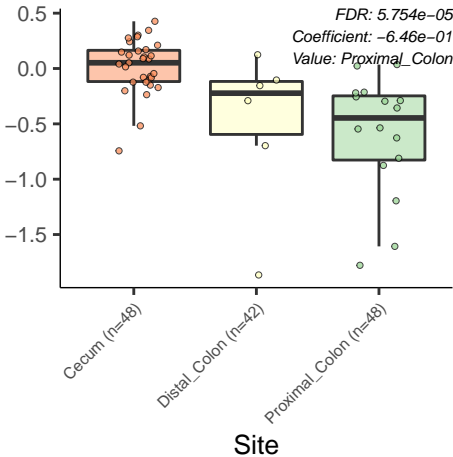
POLYISOPRENSYN.PWY



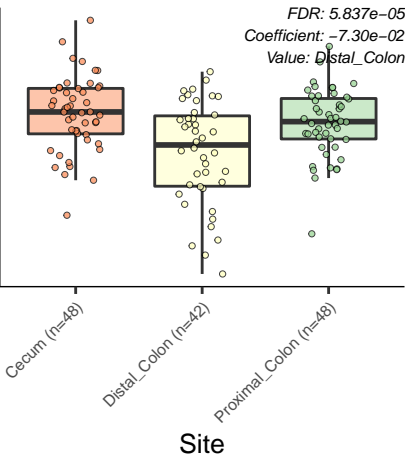
PWY0.781



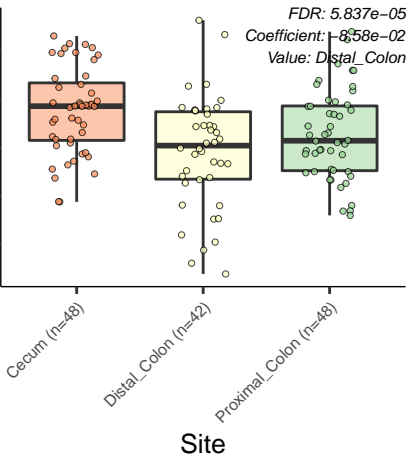
CODH.PWY



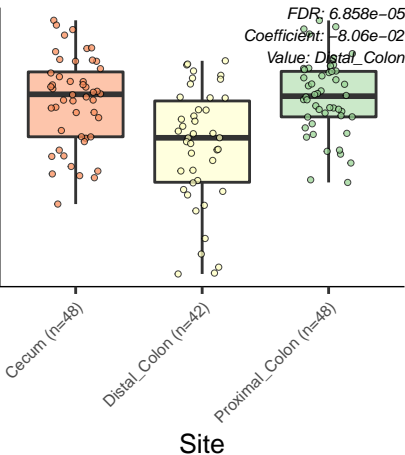
PWY.5695



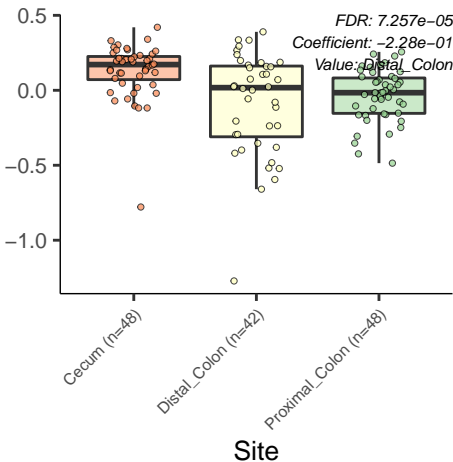
PWY0.166



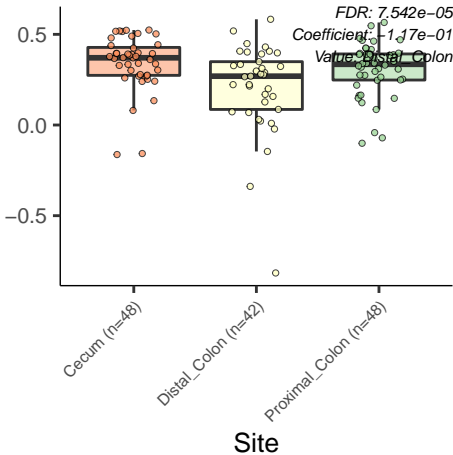
GLYCOLYSIS.E.D



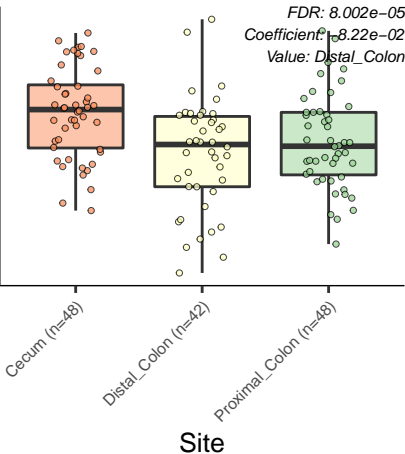
PWY.6467



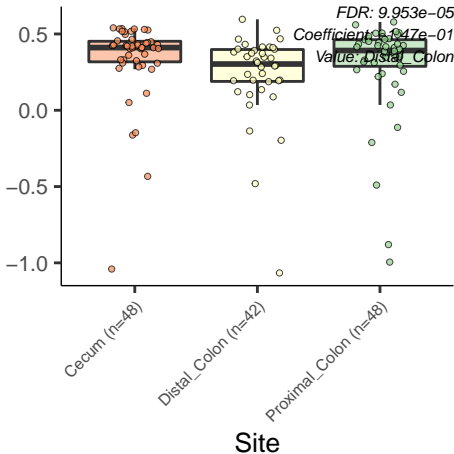
PWY.2941



PWY.6125



PWY.6471



PWY.6263

FDR: 1.098e-04

Coefficient: -2.69e-01

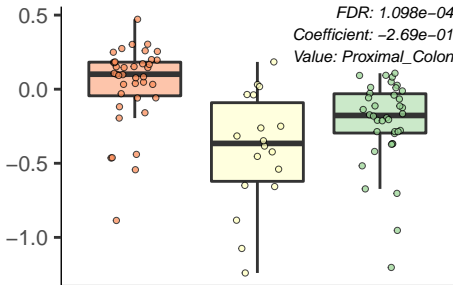
Value: Proximal_Colon

Cecum (n=48)

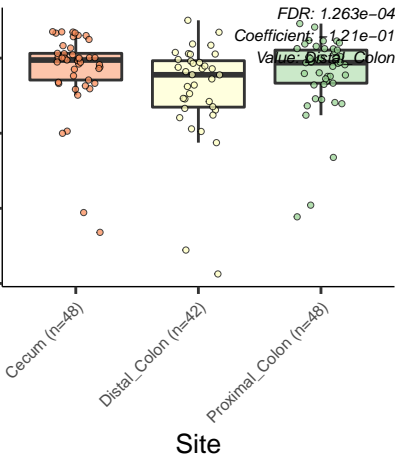
Distal_Colon (n=42)

Proximal_Colon (n=48)

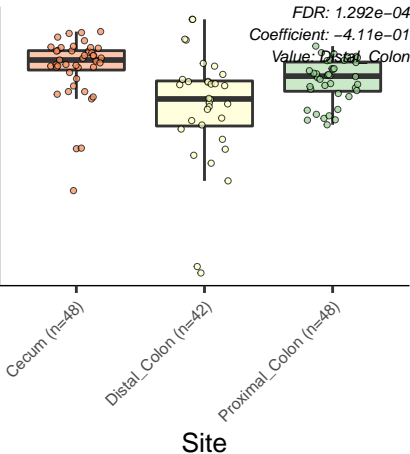
Site



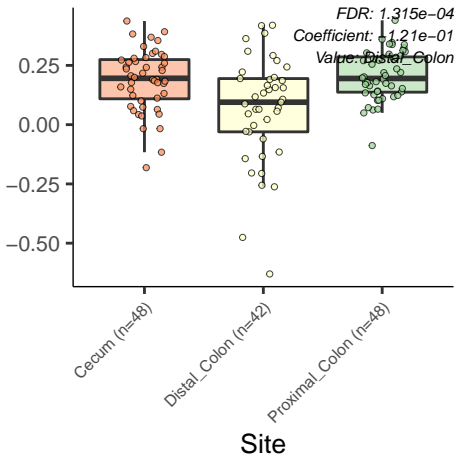
P124.PWY



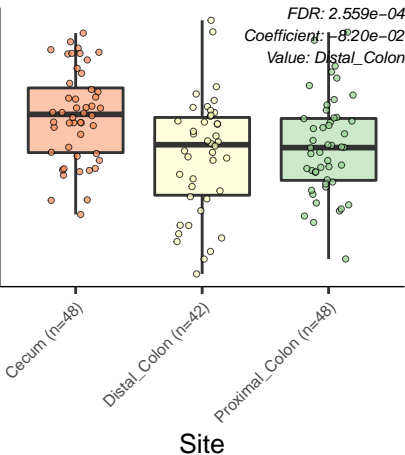
PWY.3781



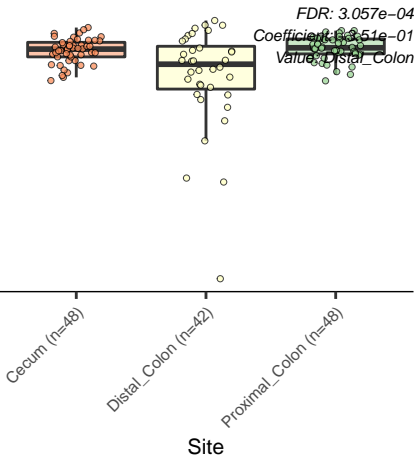
P461.PWY



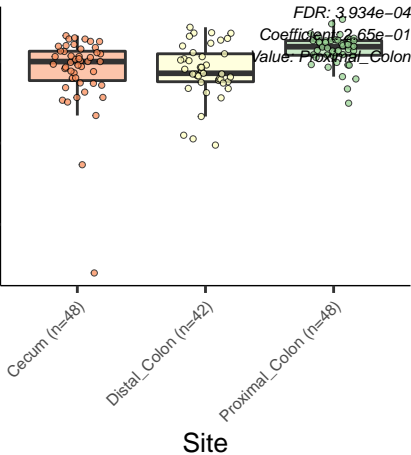
PWY.7228



ARG.POLYAMINE.SYN



MET.SAM.PWY



P4.PWY

0.4
0.2
0.0

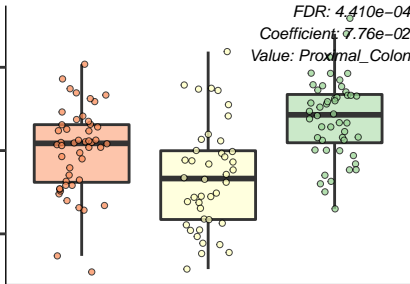
Cecum (n=48)

Distal_Colon (n=42)

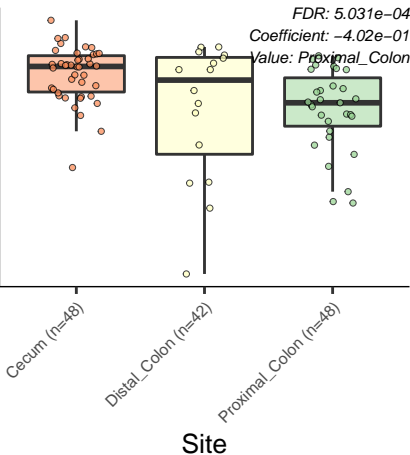
Proximal_Colon (n=48)

Site

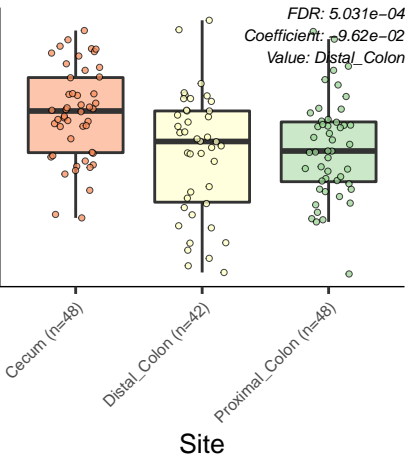
FDR: $4.410e-04$
Coefficient: $7.76e-02$
Value: Proximal_Colon



PWY.6891



PWY.7197



PWY.6901

FDR: 5.342e-04

Coefficient: 1.26e-01

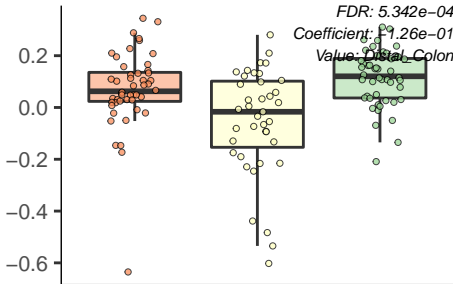
Value: Distal_Colon

Cecum (n=48)

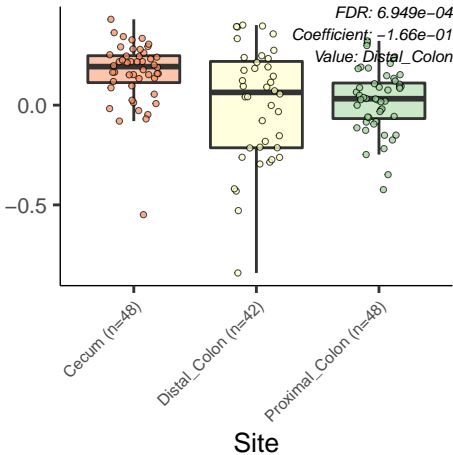
Distal_Colon (n=42)

Proximal_Colon (n=48)

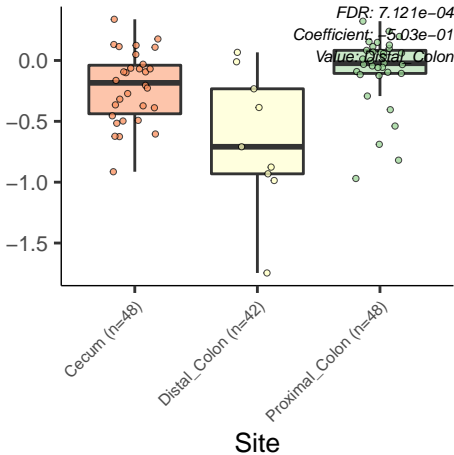
Site



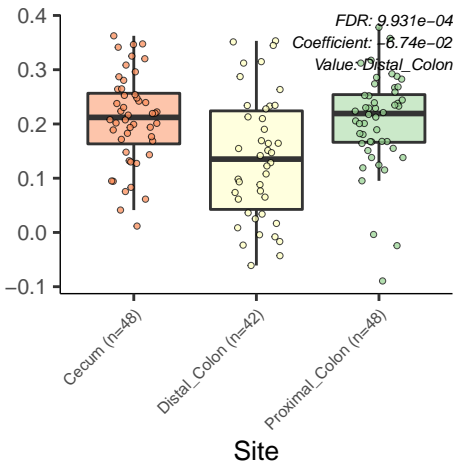
PWY.1269



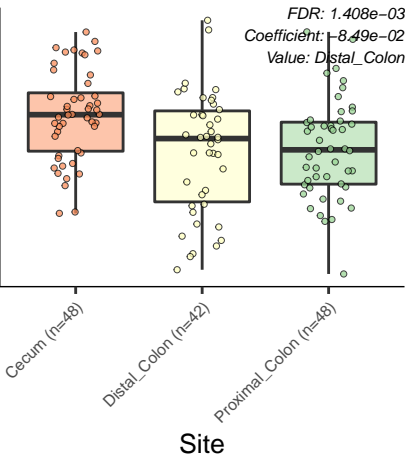
P341.PWY



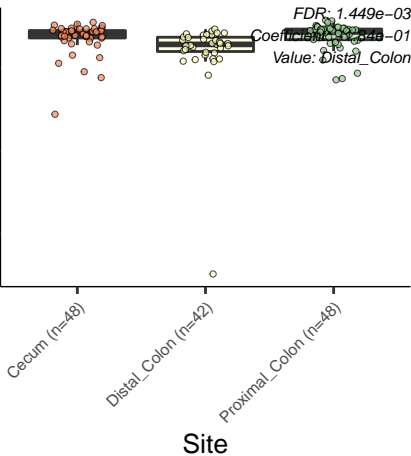
PRPP.PWY

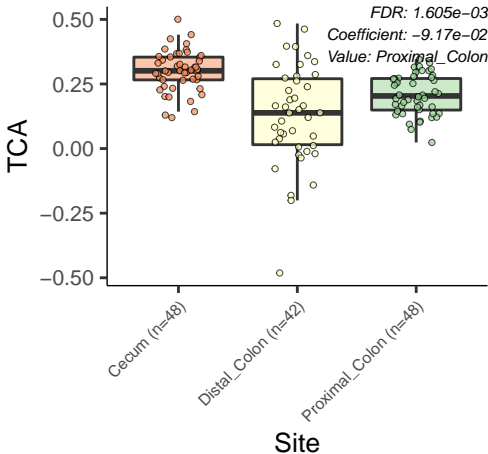


PWY.7184

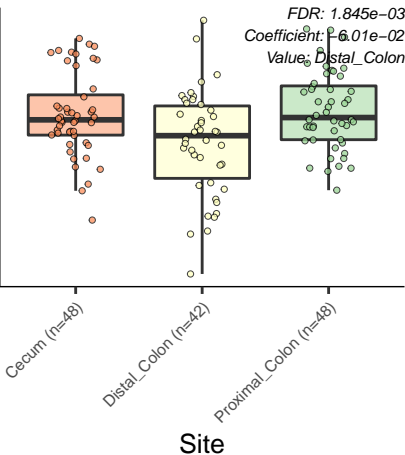


DTDPRHAMSYN.PWY

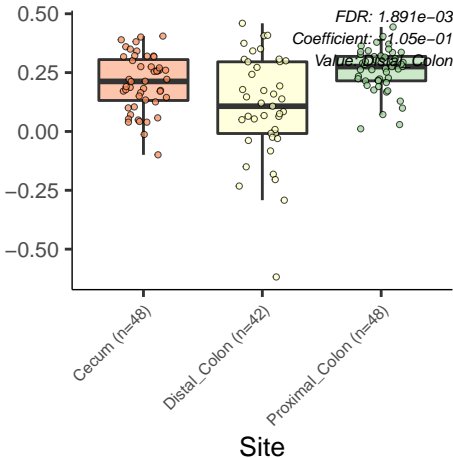




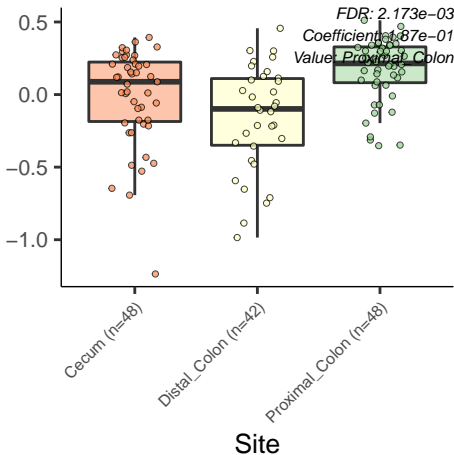
P161.PWY



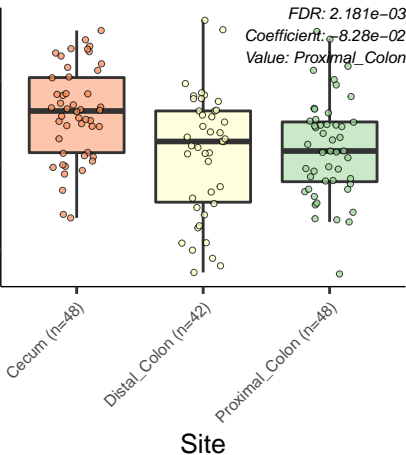
PWY.6608



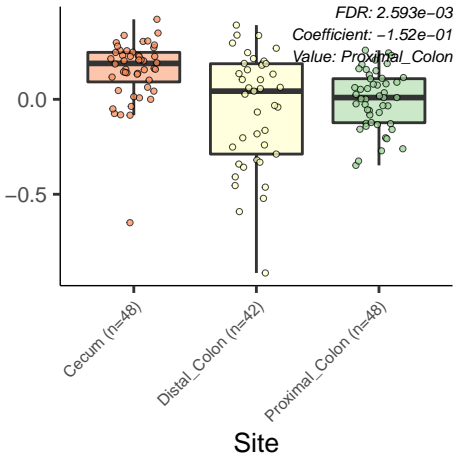
PWY.7315



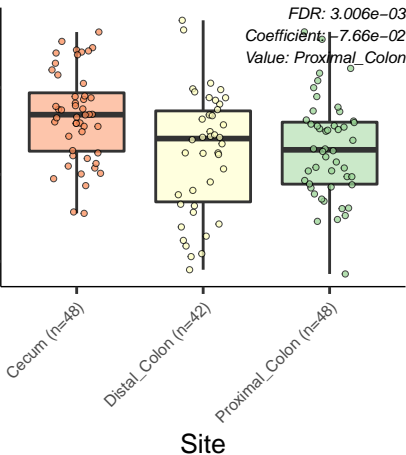
PWY.7197



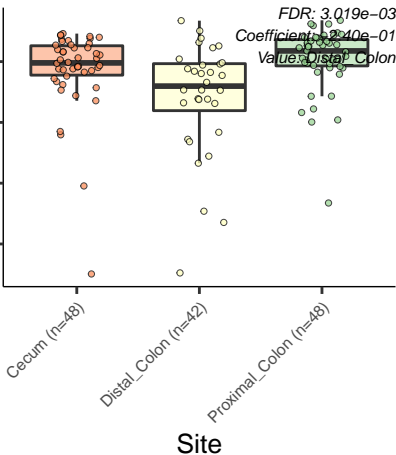
NAGLIPASYN.PWY



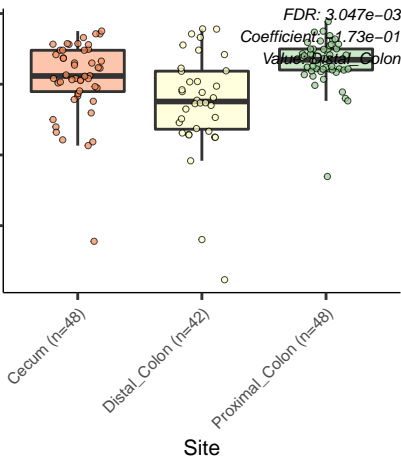
PWY.7184



PWY.7328



HEXITOLDEGSUPER.PWY



PWY.1269

FDR: 3.047e-03

Coefficient: -1.40e-01

Value: Proximal_Colon

0.0

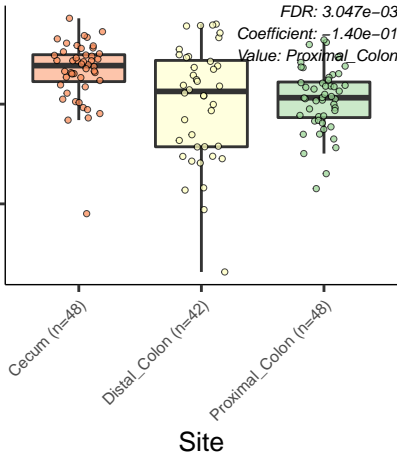
-0.5

Cecum (n=48)

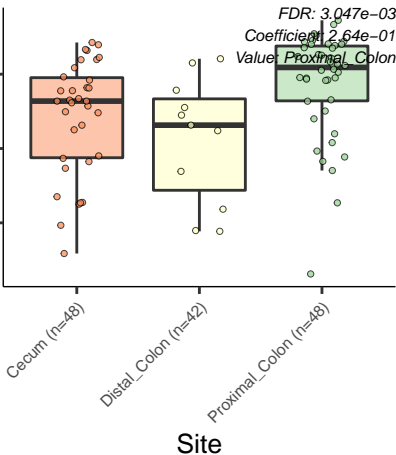
Distal_Colon (n=42)

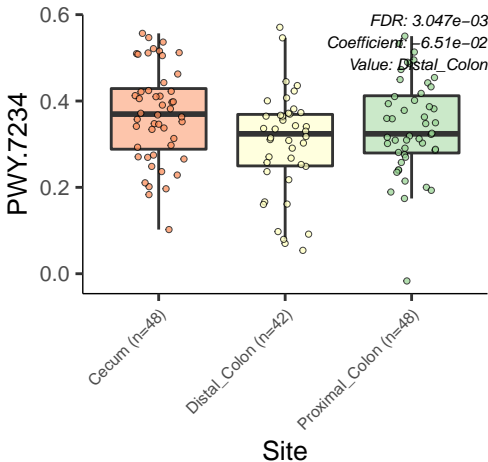
Proximal_Colon (n=48)

Site

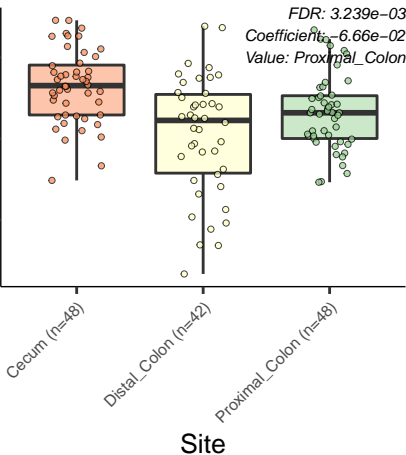


PWY.6478

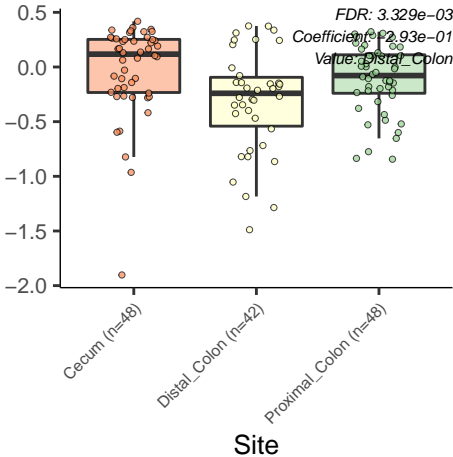




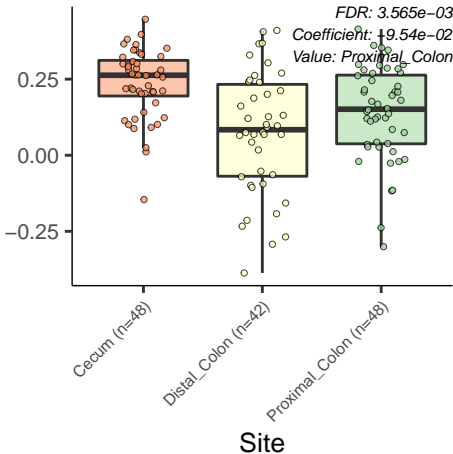
PWY.7200



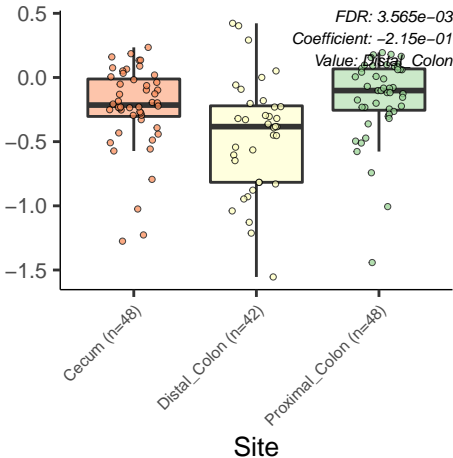
PWY.5384



HEMESYN2.PWY



PWY.5345



TEICHOICACID.PWY

0.0
-0.5

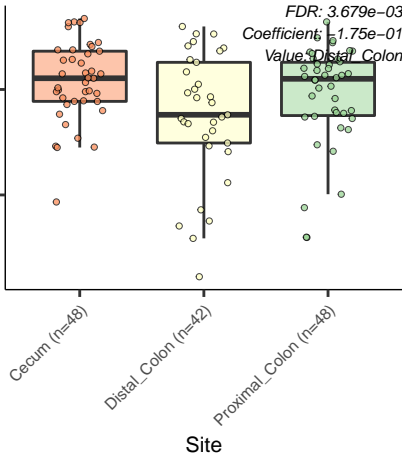
Cecum (n=48)

Distal_Colon (n=42)

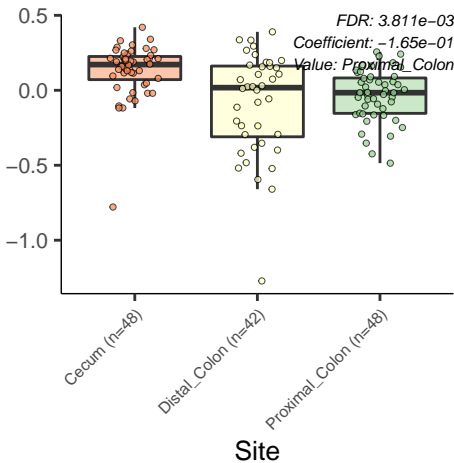
Proximal_Colon (n=48)

Site

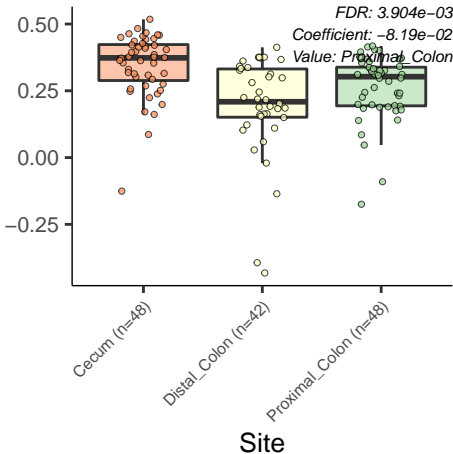
FDR: 3.679e-03
Coefficient: -1.75e-01
Value: Distal_Colon



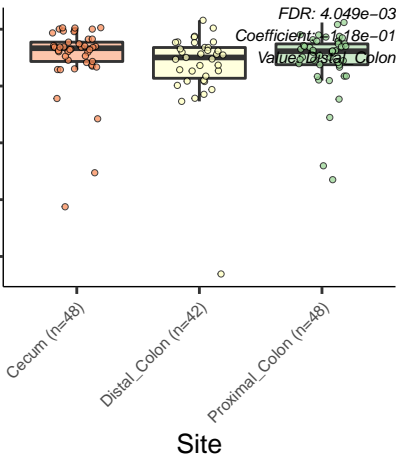
PWY.6467



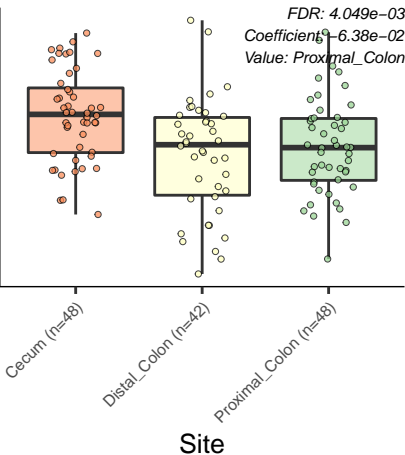
P42.PWY



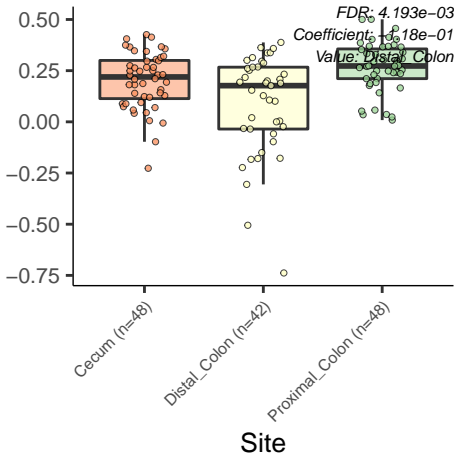
P122.PWY



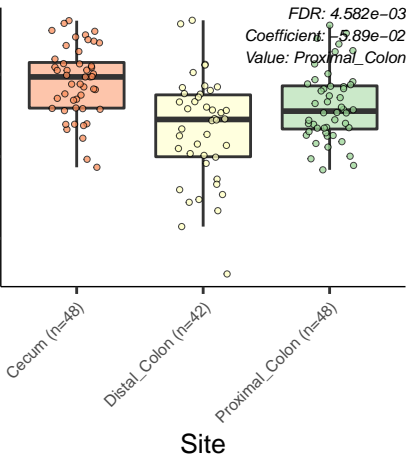
PWY.7228



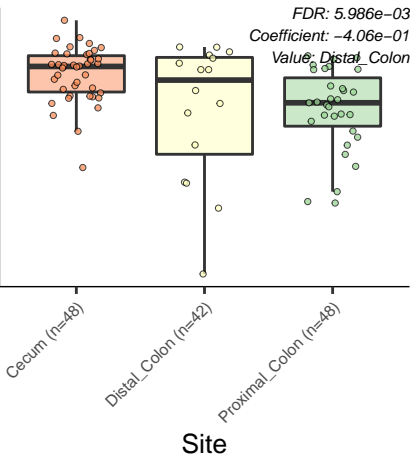
PWY.6507



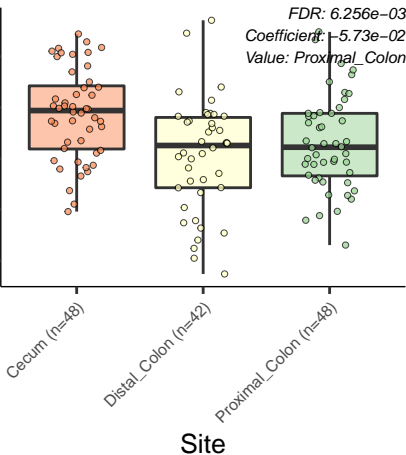
PWY.7196



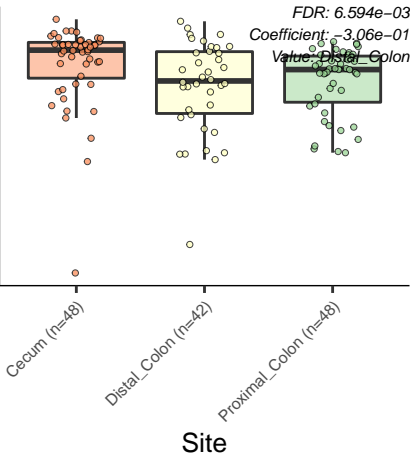
PWY.6891



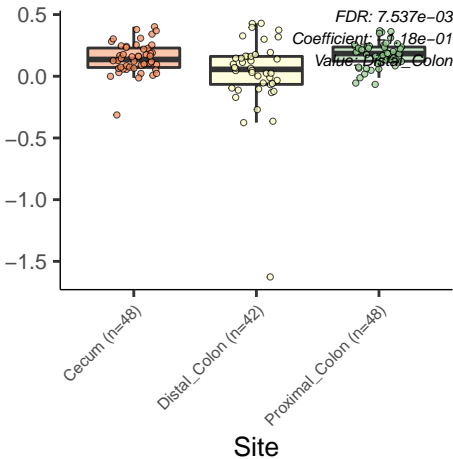
PWY.6125



PWY.5918



PWY0.1261



PWY.6895

FDR: 8.023e-03

Coefficient: -2.02e-01

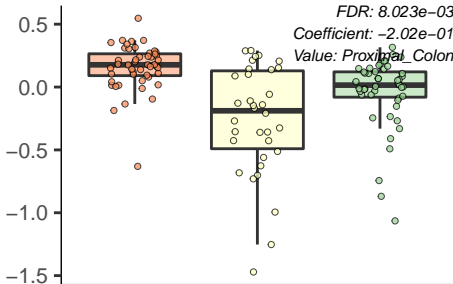
Value: Proximal_Colon

Cecum (n=48)

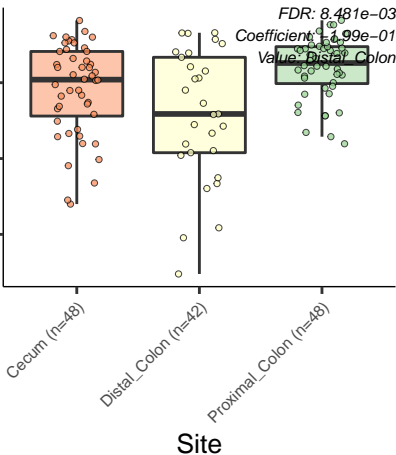
Distal_Colon (n=42)

Proximal_Colon (n=48)

Site



PWY.6588



P4.PWY

FDR: $8.949e-03$
Coefficient: $-6.29e-02$
Value: Distal_Colon

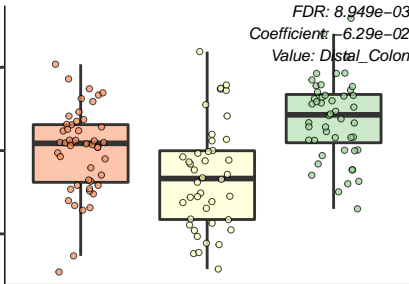
Cecum (n=48)

Distal_Colon (n=42)

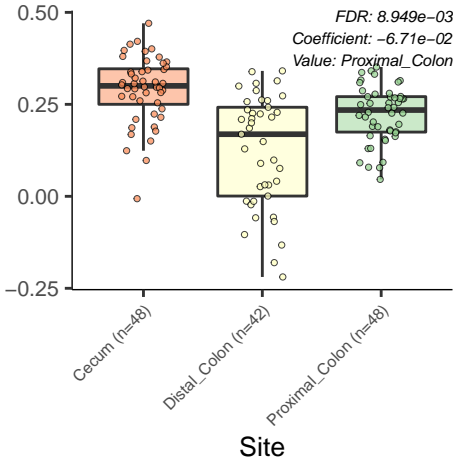
Proximal_Colon (n=48)

Site

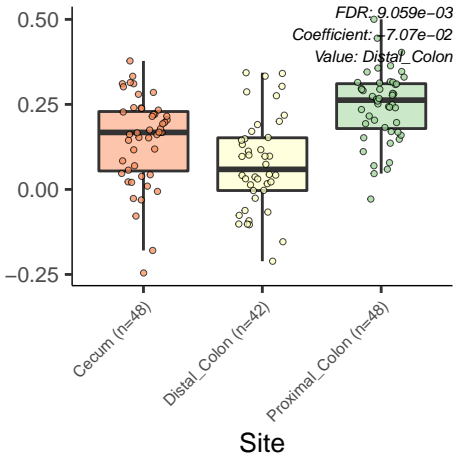
0.4
0.2
0.0



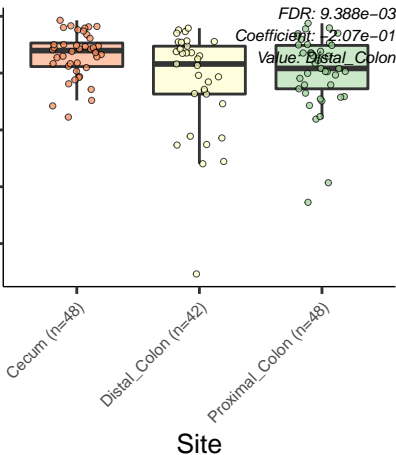
THISYN.PWY



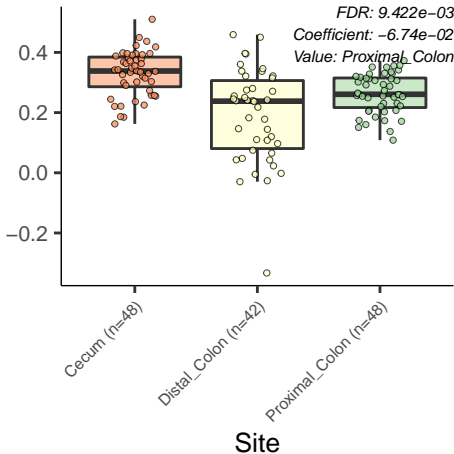
PWY0.781



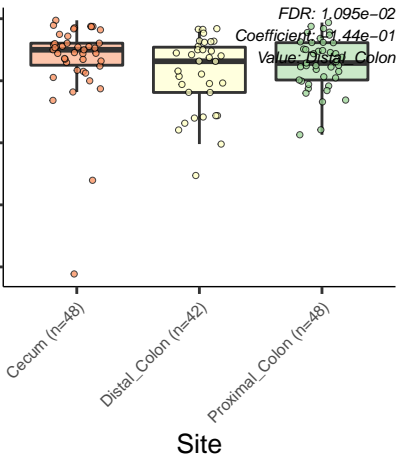
PWY.922



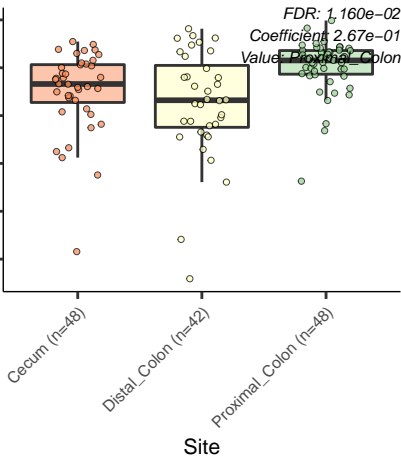
PWY.6969



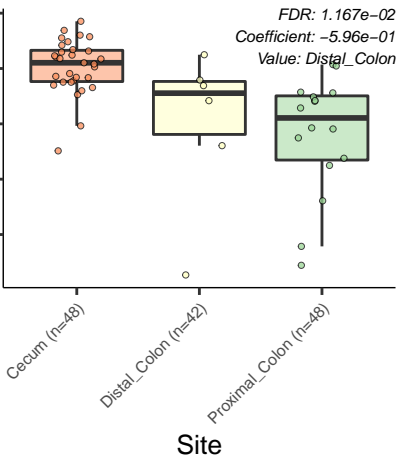
PWY.5910



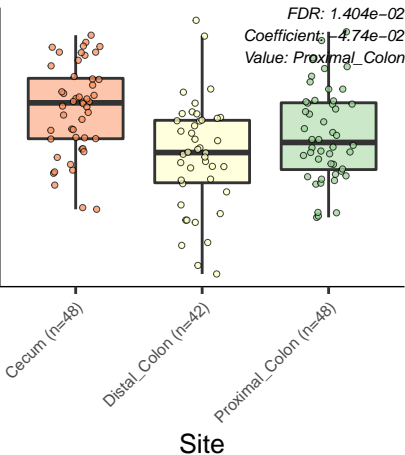
HOMOSER.METSYN.PWY



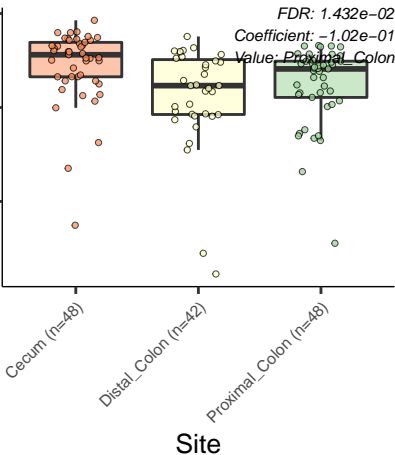
CODH.PWY



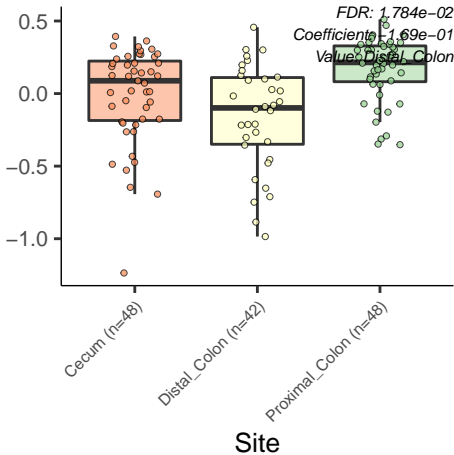
PWY0.162



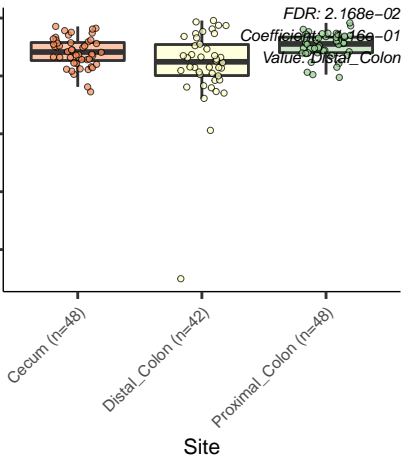
P108.PWY



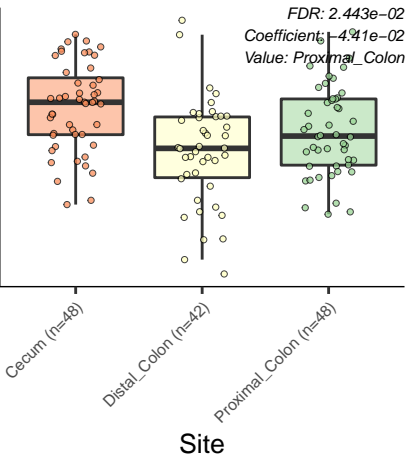
PWY.7315



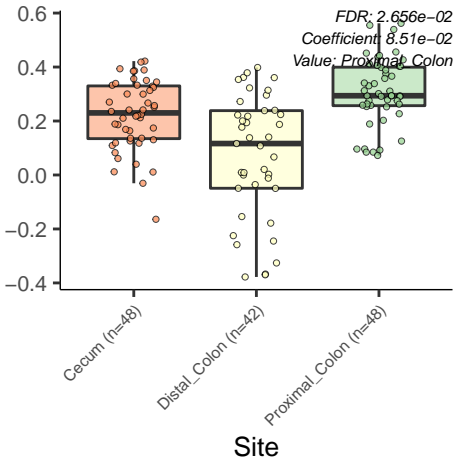
SALVADEHYPOX.PWY



PWY.841



GLUCUROCAT.PWY



PWY.7374

FDR: 2.756e-02

Coefficient: -4.42e-01

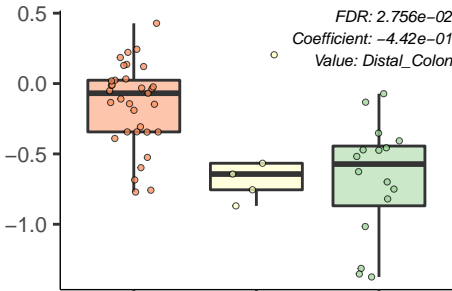
Value: Distal_Colon

Cecum (n=48)

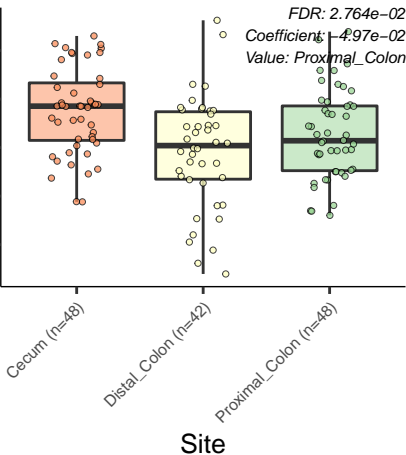
Distal_Colon (n=42)

Proximal_Colon (n=48)

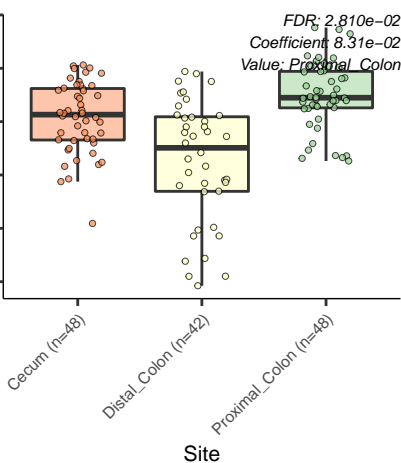
Site



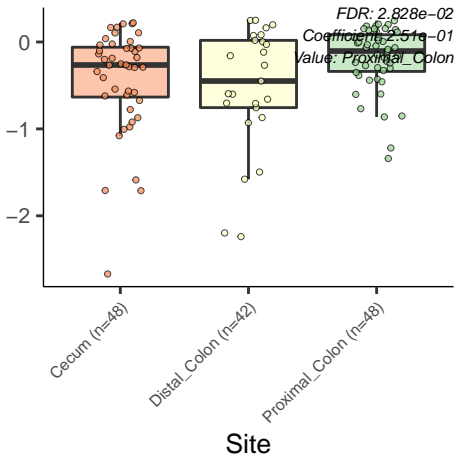
PWY0.166



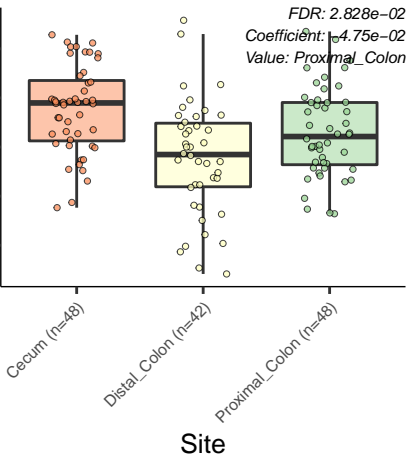
GALACT.GLUCUROCAT.PWY



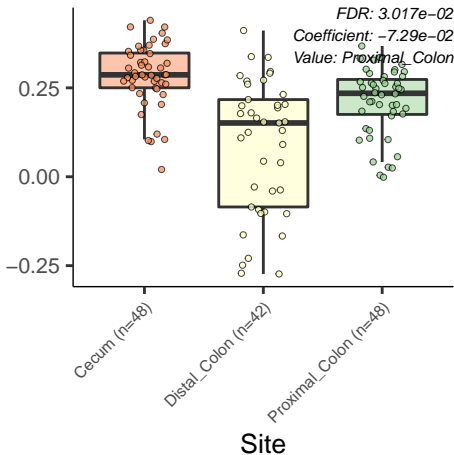
FUC.RHAMCAT.PWY



PWY.7187



PWY.6703



PWY.6588

0.0
-0.5
-1.0

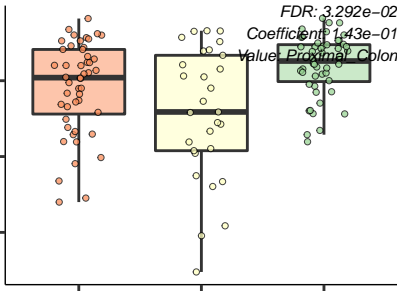
Cecum (n=48)

Distal_Colon (n=42)

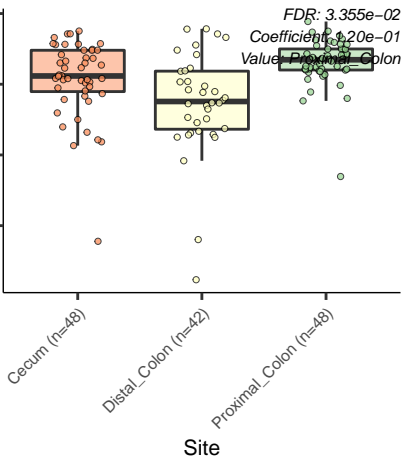
Proximal_Colon (n=48)

Site

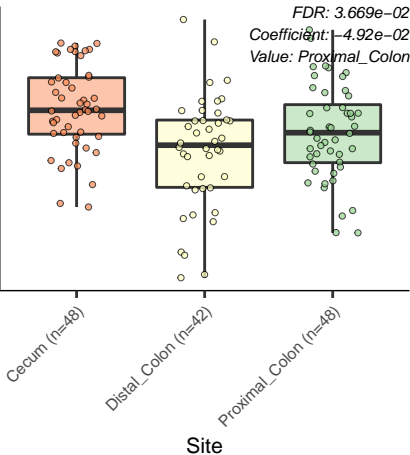
FDR: 3.292e-02
Coefficient: 1.43e-01
Value: Proximal_Colon



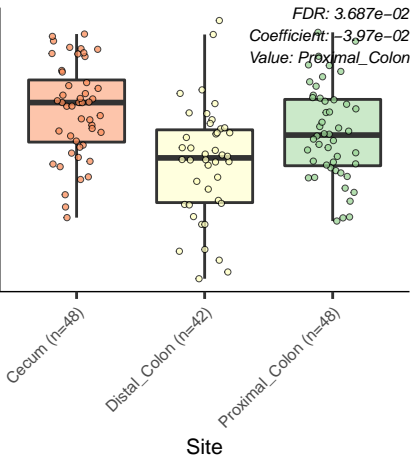
HEXITOLDEGSUPER.PWY



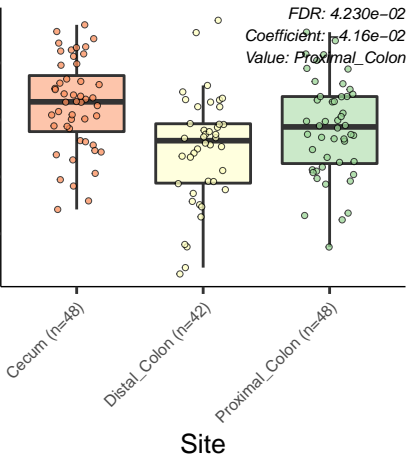
POLYISOPRENSYN.PWY



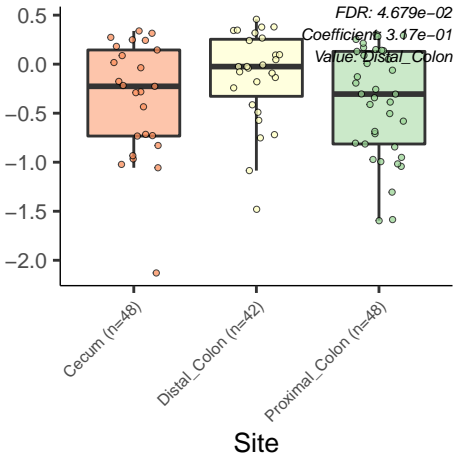
DENOVOPURINE2.PWY



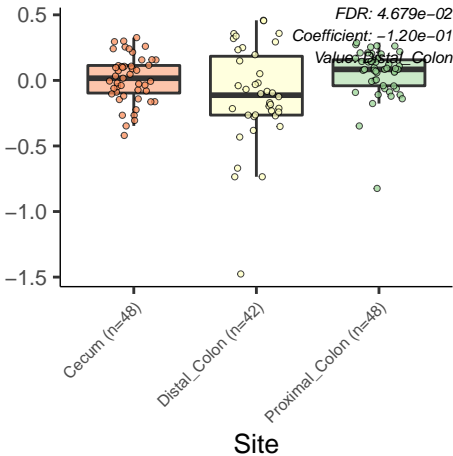
FASYN.ELONG.PWY



PWY0.1061

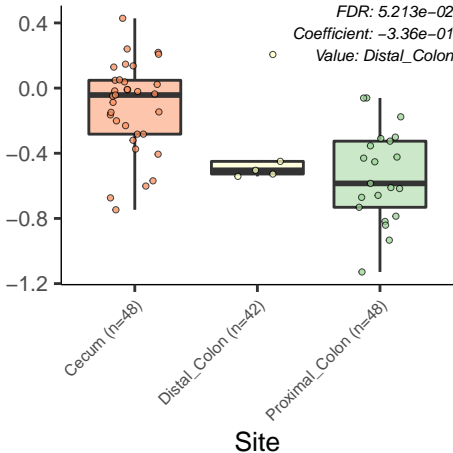


SULFATE.CYS.PWY



PWY.7371

FDR: 5.213e-02
Coefficient: -3.36e-01
Value: Distal_Colon



PWY.5265

FDR: 5.619e-02

Coefficient: -7.46e-01

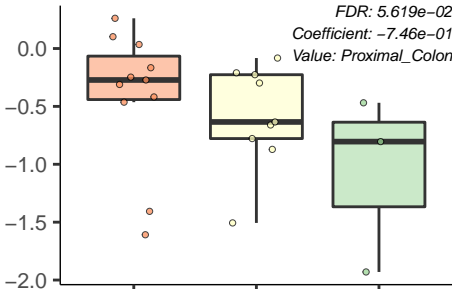
Value: Proximal_Colon

Cecum (n=48)

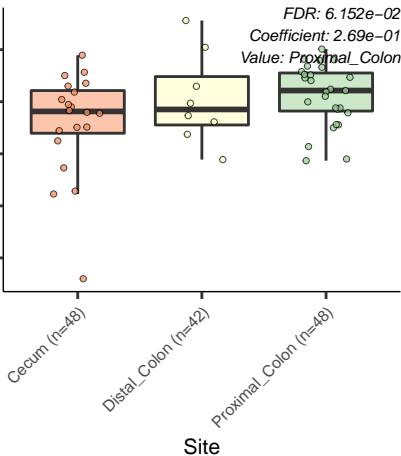
Distal_Colon (n=42)

Proximal_Colon (n=48)

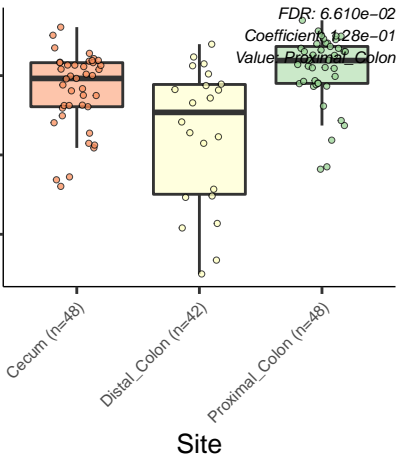
Site



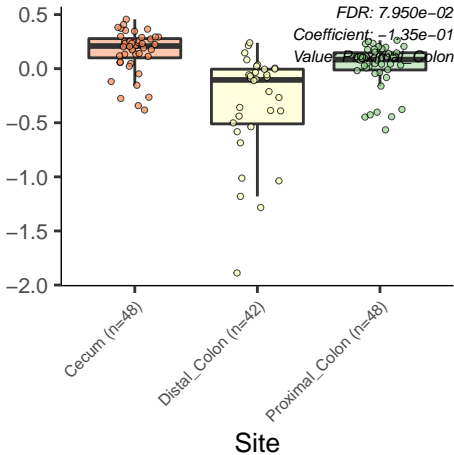
POLYAMINSYN3.PWY



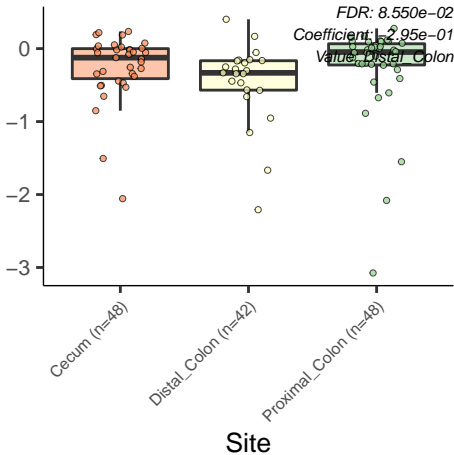
PWY490.3



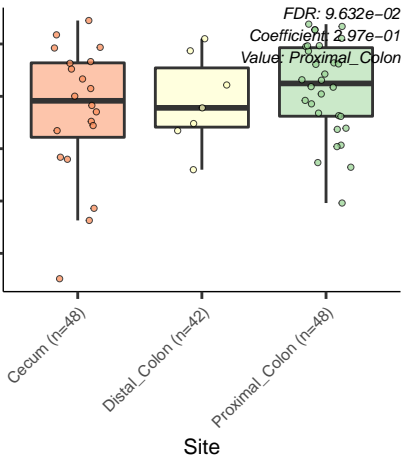
PWY.6545



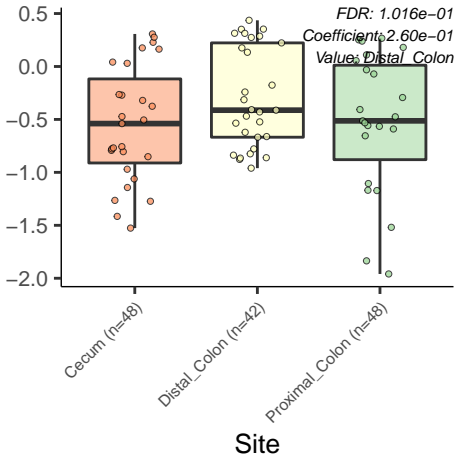
ARGORNPROST.PWY



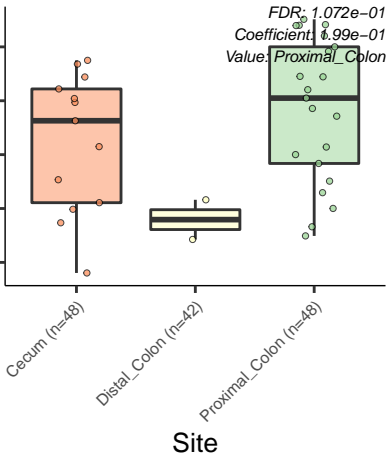
METH.ACETATE.PWY



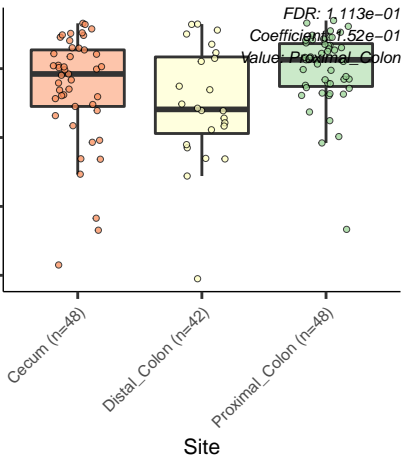
PWY0.845



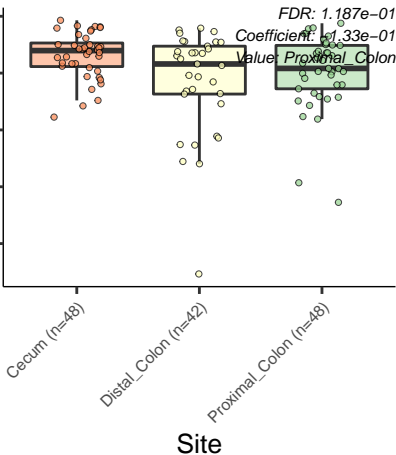
P562.PWY



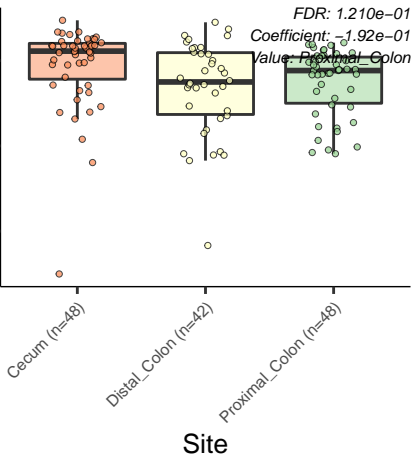
NAD.BIOSYNTHESIS.II



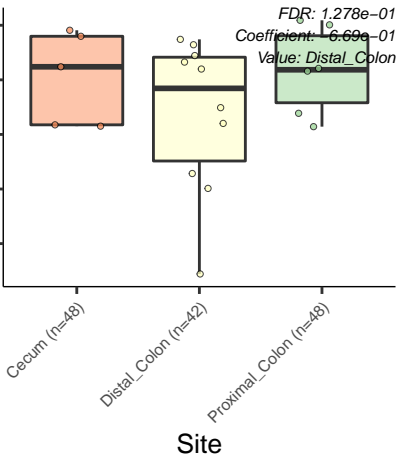
PWY.922



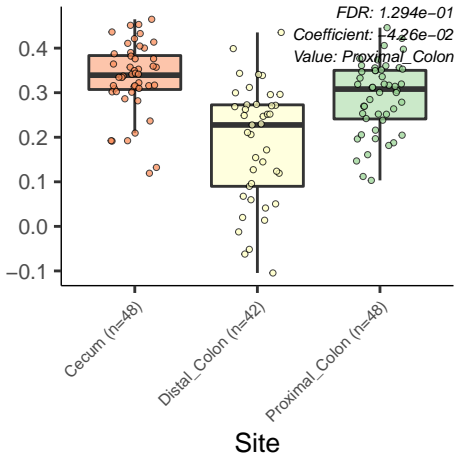
PWY.5918



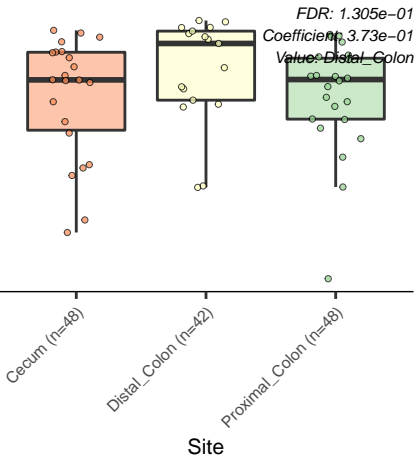
PWY.6590



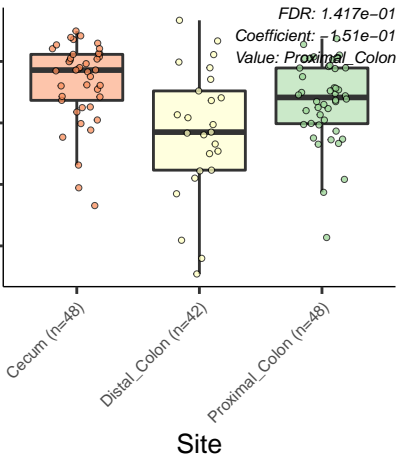
PANTO.PWY



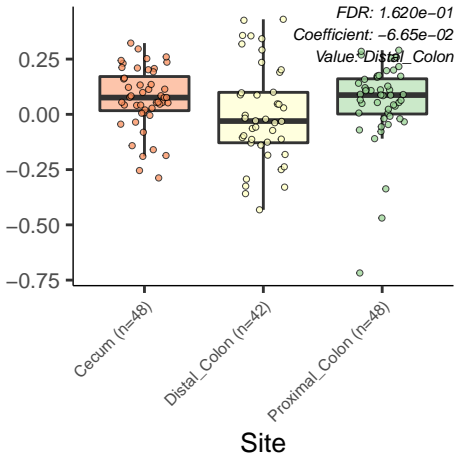
GLYOXYLATE.BYPASS



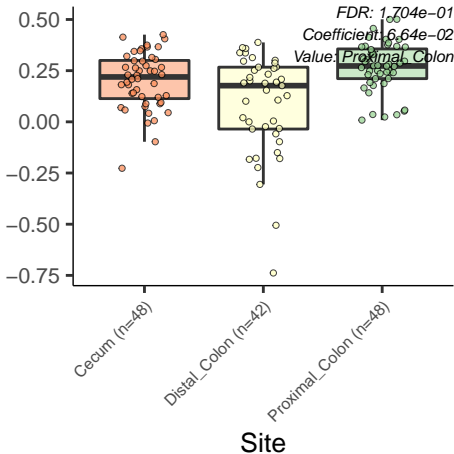
PWY.5022



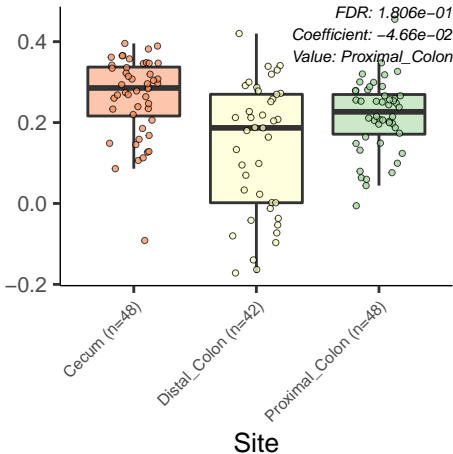
PWY.7211



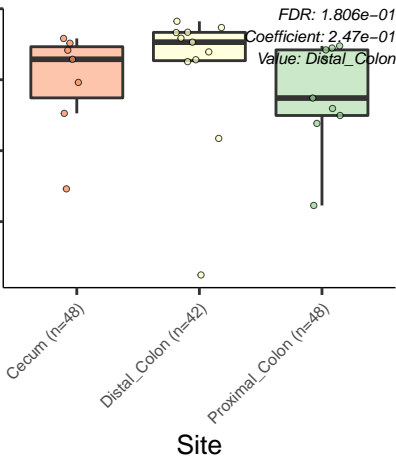
PWY.6507



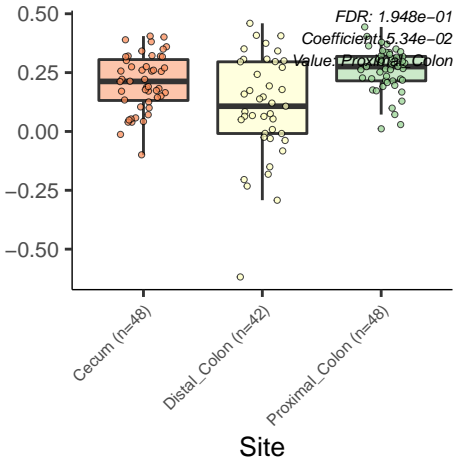
PWY.7323



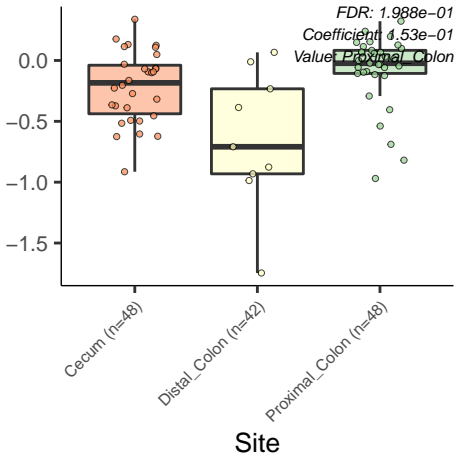
UBISYN.PWY



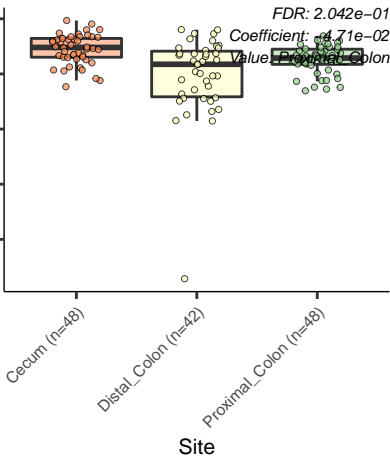
PWY.6608



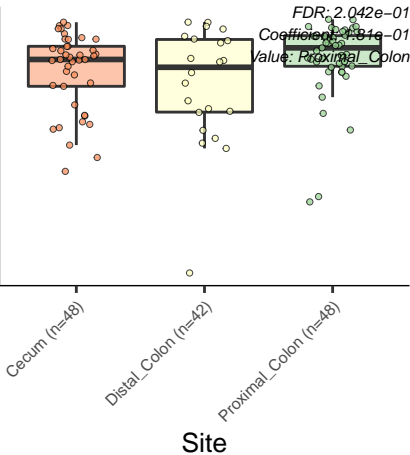
P341.PWY



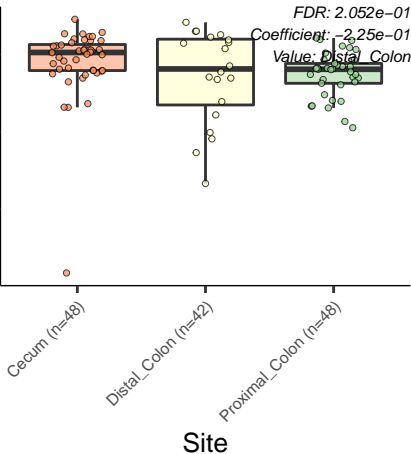
FERMENTATION.PWY



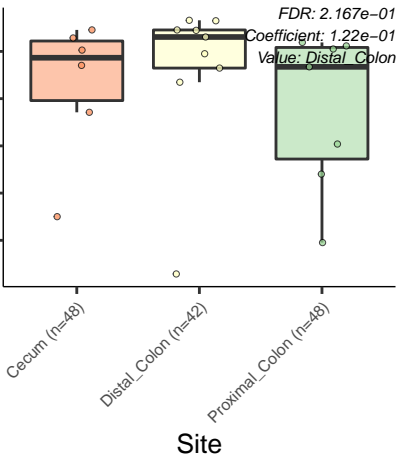
FUCCAT.PWY



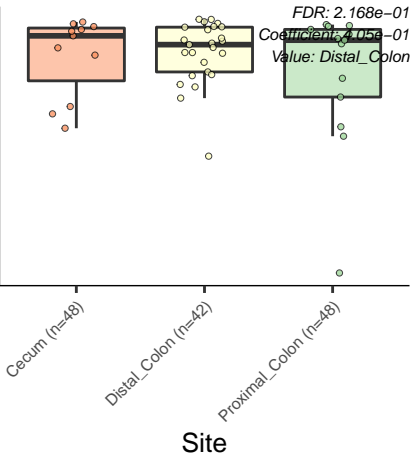
PWY0.1241



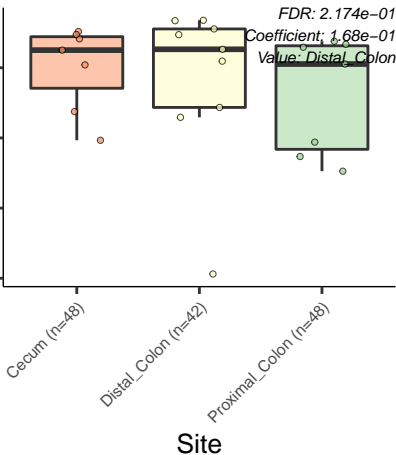
AST.PWY



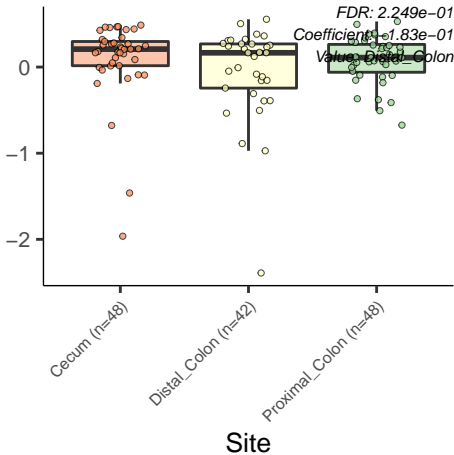
P105.PWY



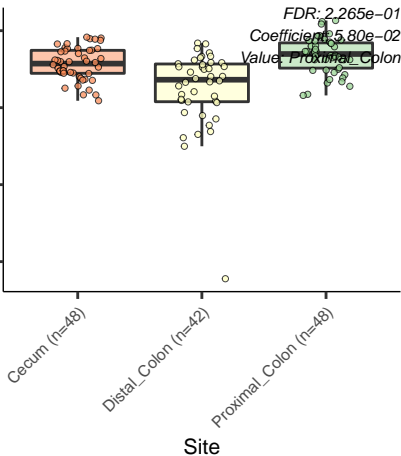
PWY.5837



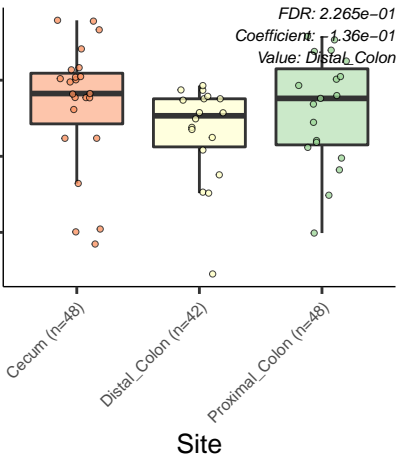
LACTOSECAT.PWY



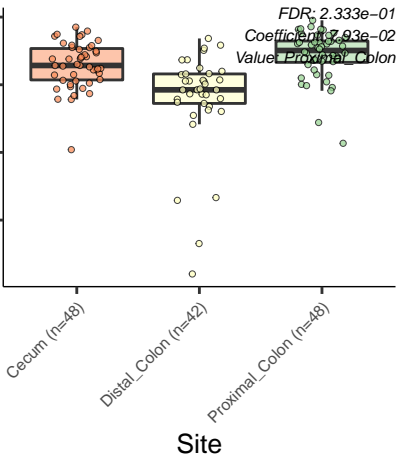
GALACTUROCAT.PWY



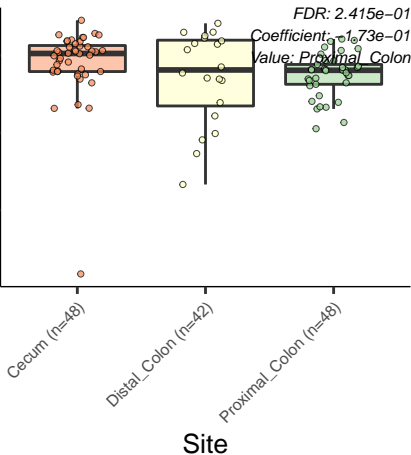
PWY.7377



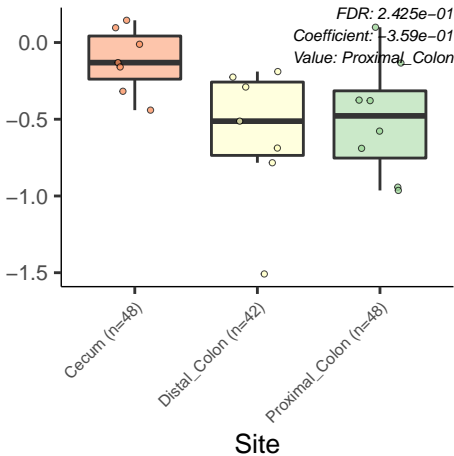
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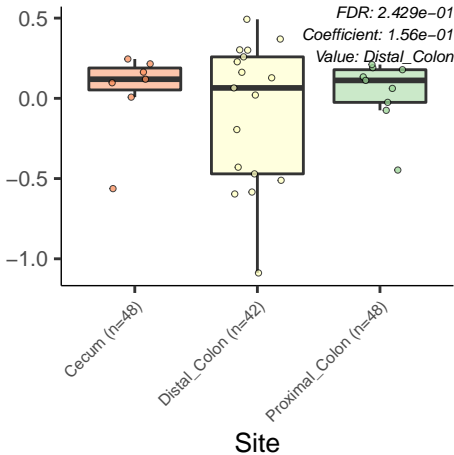
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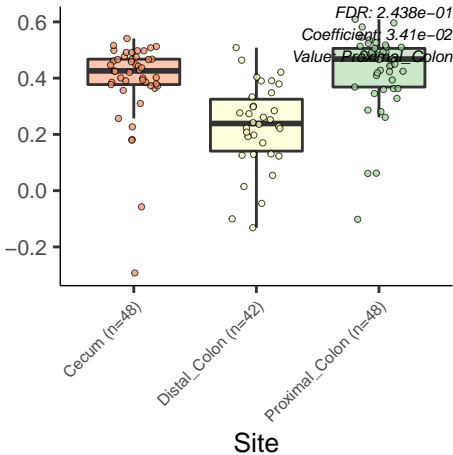
GOLPDLAT.PWY



PWY.5989



PWY.5505



P23.PWY

