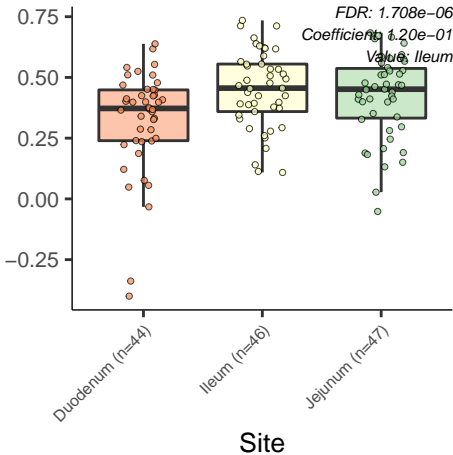


LACTOSECAT.PWY



GLYCOGENSYNTH.PWY

*FDR: 1.626e-04*  
*Coefficient: 4.21e-02*  
*Value: Ileum*

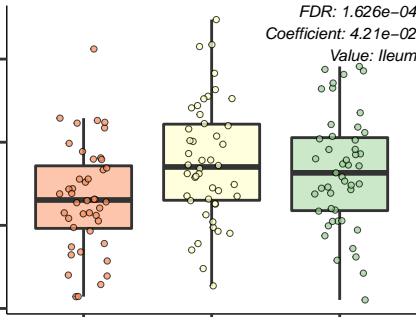
Duodenum (n=44)

Ileum (n=46)

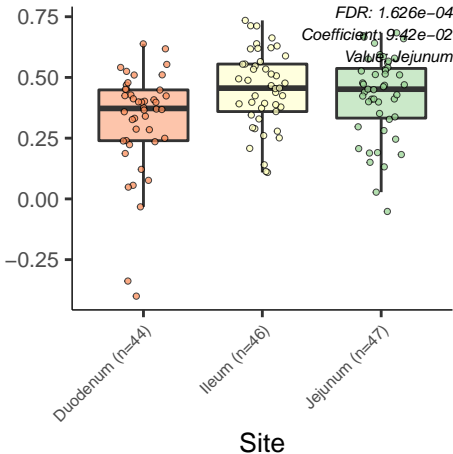
Jejunum (n=47)

Site

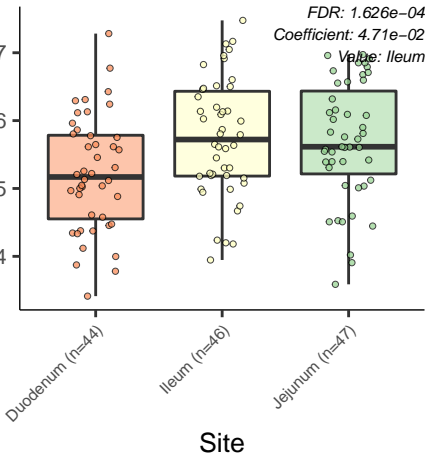
0.4  
0.5  
0.6  
0.7

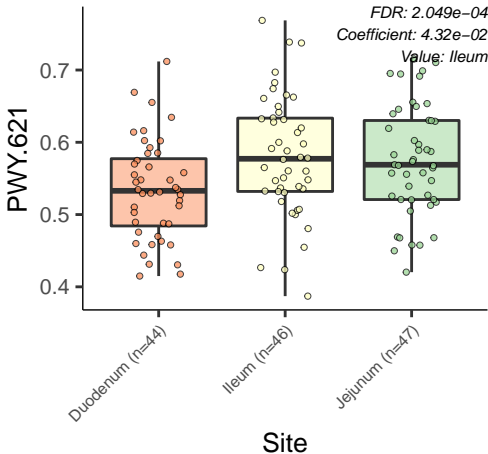


LACTOSECAT.PWY



PWY0.1586





ANAGLYCOLYSIS.PWY

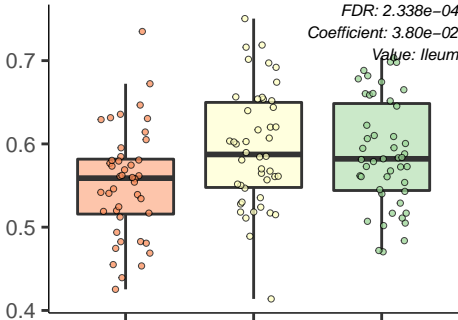
*FDR: 2.338e-04*  
*Coefficient: 3.80e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



COA.PWY

FDR: 2.338e-04  
Coefficient: 4.06e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7

0.6

0.5

0.4

GLCMANNNAUT.PWY

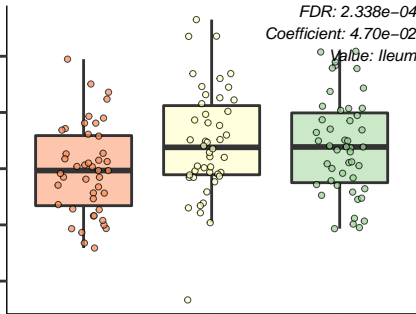
FDR: 2.338e-04  
Coefficient: 4.70e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PEPTIDOGLYCANSYN.PWY

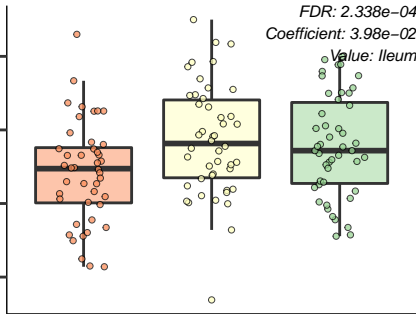
*FDR: 2.338e-04*  
*Coefficient: 3.98e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PHOSLIPSYN.PWY

FDR: 2.338e-04  
Coefficient: 4.12e-02  
Value: Ileum

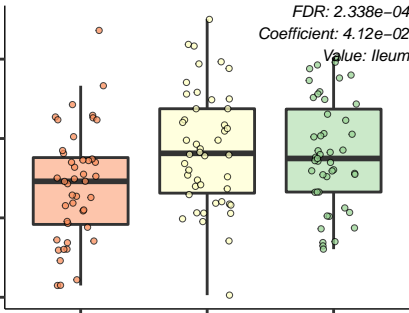
Duodenum (n=44)

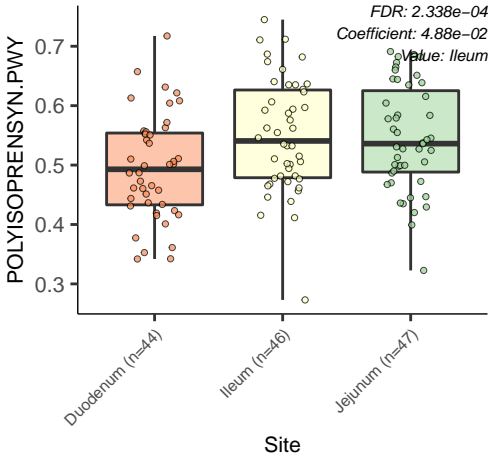
Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7





PWY.5100

*FDR: 2.338e-04*  
*Coefficient: 3.89e-02*  
*Value: Ileum*

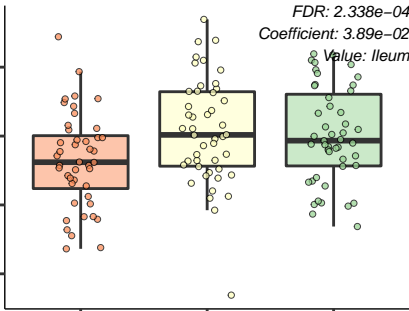
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.5667

*FDR: 2.338e-04*  
*Coefficient: 3.97e-02*  
*Value: Ileum*

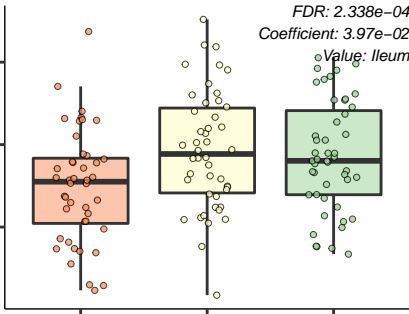
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5



PWY.5686

*FDR: 2.338e-04*  
*Coefficient: 3.80e-02*  
*Value: Ileum*

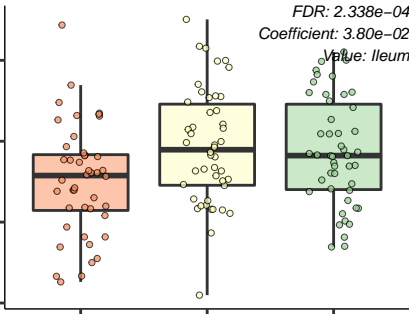
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.6151

*FDR: 2.338e-04*  
*Coefficient: 4.33e-02*  
*Value: Ileum*

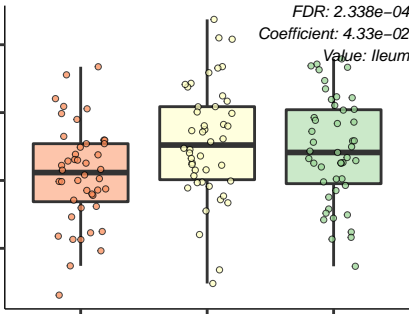
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.6317

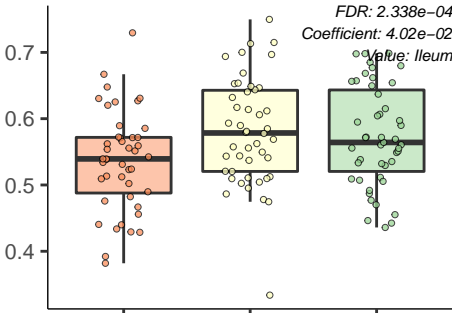
FDR: 2.338e-04  
Coefficient: 4.02e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY.6387

*FDR: 2.338e-04*  
*Coefficient: 3.97e-02*  
*Value: Ileum*

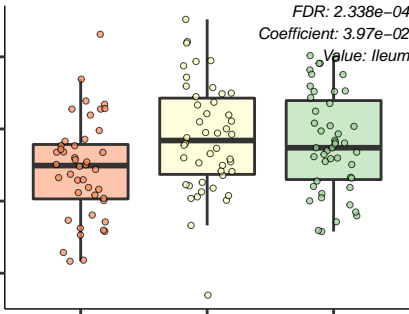
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.7219

*FDR: 2.338e-04*  
*Coefficient: 3.86e-02*  
*Value: Ileum*

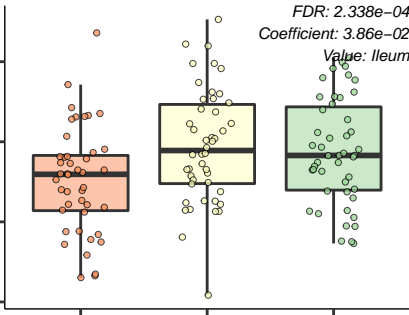
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.7221

FDR:  $2.338 \times 10^{-4}$   
Coefficient:  $4.00 \times 10^{-2}$   
Value: Ileum

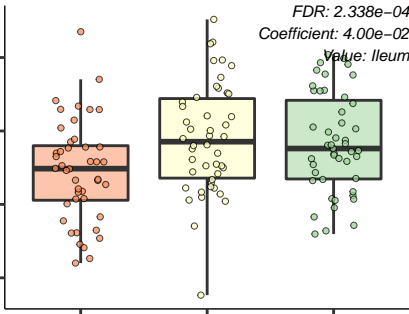
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY0.1297

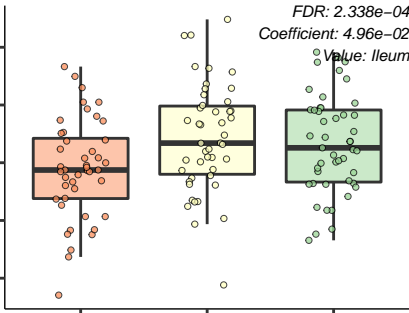
*FDR: 2.338e-04*  
*Coefficient: 4.96e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY0.1319

*FDR: 2.338e-04*  
*Coefficient: 3.97e-02*  
*Value: Ileum*

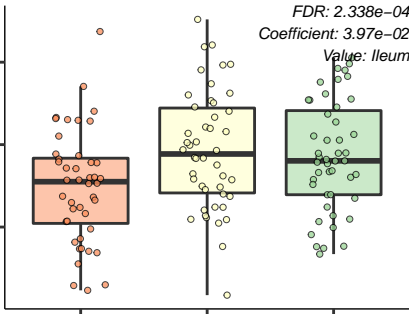
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5



PWY0.1586

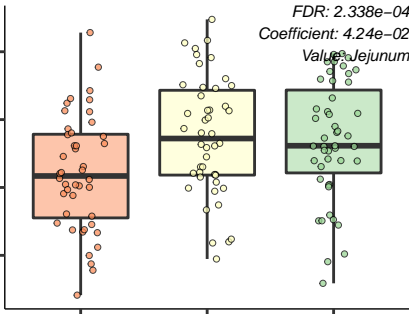
*FDR: 2.338e-04*  
*Coefficient: 4.24e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY4FS.7

*FDR: 2.338e-04*  
*Coefficient: 4.28e-02*  
*Value: Ileum*

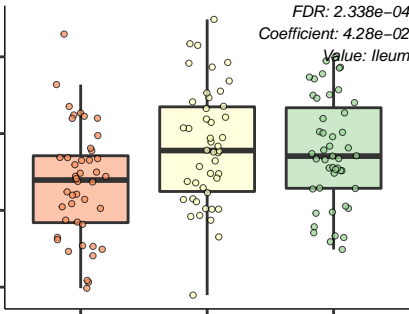
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY4FS.8

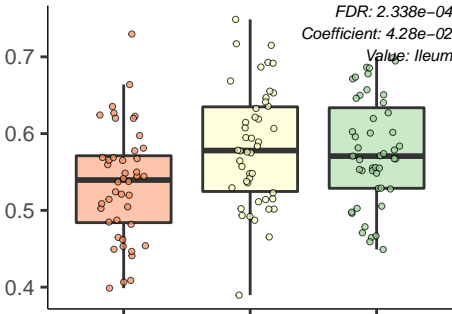
FDR: 2.338e-04  
Coefficient: 4.28e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





UDPNAGSYN.PWY

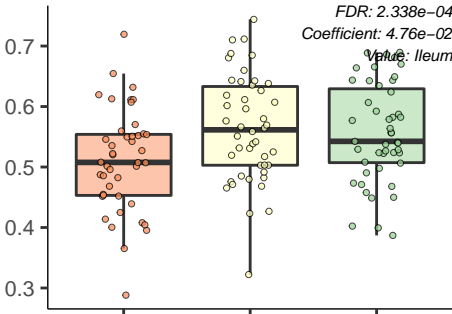
FDR: 2.338e-04  
Coefficient: 4.76e-02  
Value: Ileum

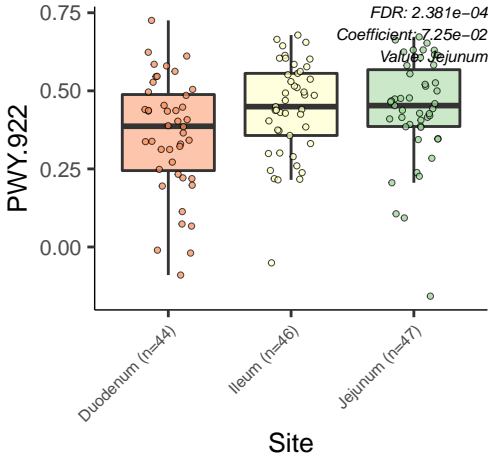
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY.6386

*FDR: 2.387e-04*  
*Coefficient: 3.97e-02*  
*Value: Ileum*

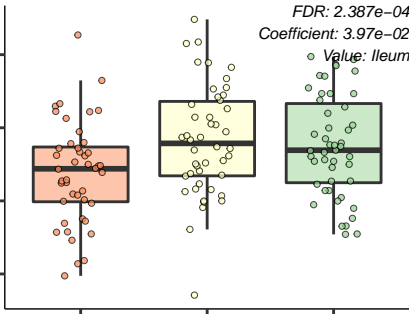
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.2942

FDR: 2.421e-04  
Coefficient: 3.78e-02  
Value: Ileum

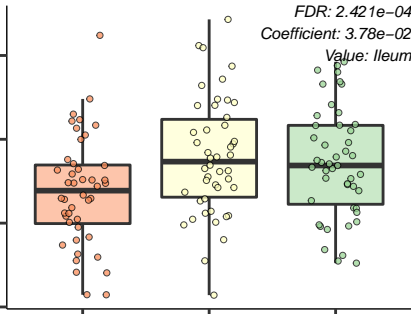
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.5097

*FDR: 2.421e-04*  
*Coefficient: 3.79e-02*  
*Value: Ileum*

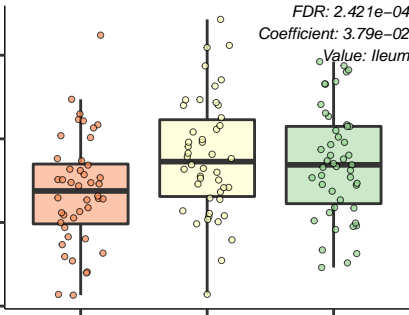
Duodenum (n=44)

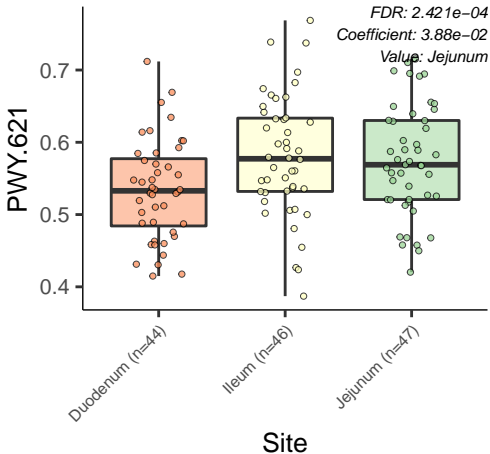
Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7





PWY.6385

*FDR: 2.421e-04*  
*Coefficient: 3.97e-02*  
*Value: Ileum*

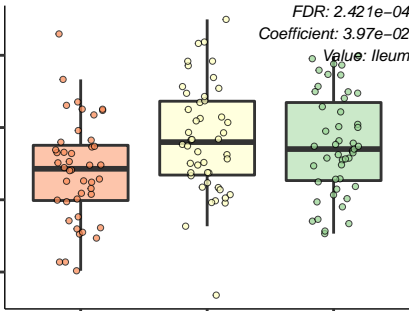
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.7208

FDR: 2.421e-04  
Coefficient: 3.81e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7

0.6

0.5

0.4



PWY0.1296

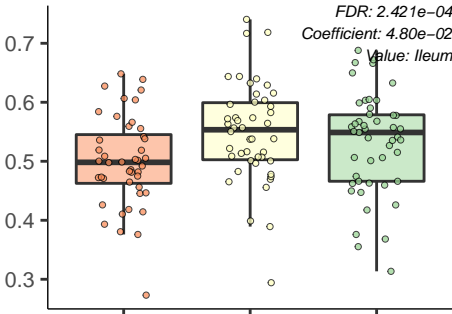
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

FDR:  $2.421 \times 10^{-4}$   
Coefficient:  $4.80 \times 10^{-2}$   
Value: Ileum



THRESYN.PWY

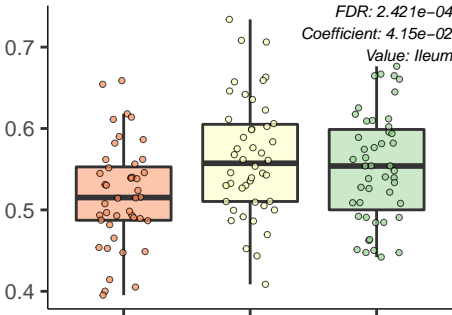
*FDR: 2.421e-04*  
*Coefficient: 4.15e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.6609

*FDR: 2.717e-04*  
*Coefficient: 4.21e-02*  
*Value: Ileum*

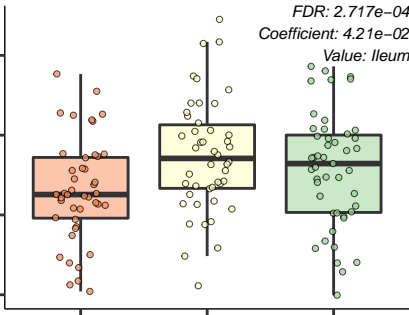
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.6123

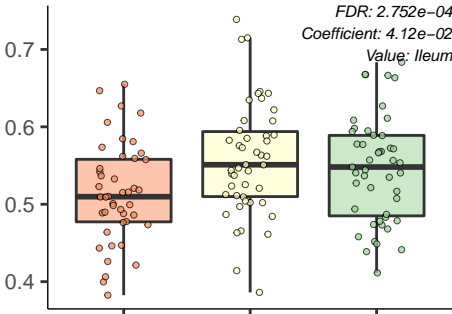
FDR: 2.752e-04  
Coefficient: 4.12e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.7229

*FDR: 2.752e-04*  
*Coefficient: 3.72e-02*  
*Value: Ileum*

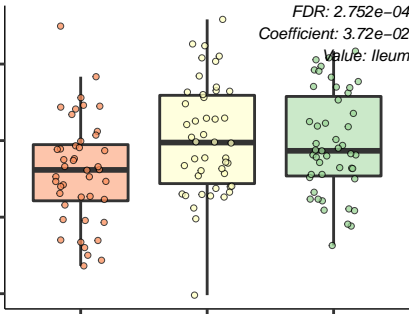
Duodenum (n=44)

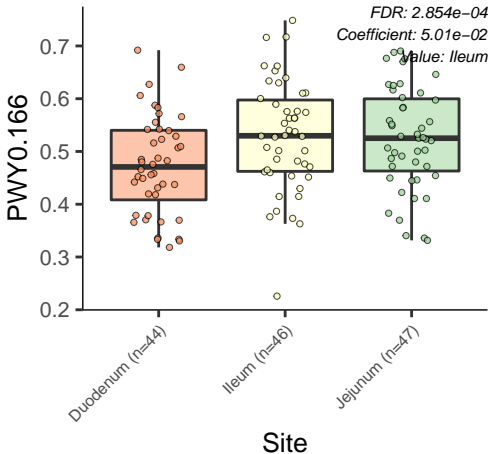
Ileum (n=46)

Jejunum (n=47)

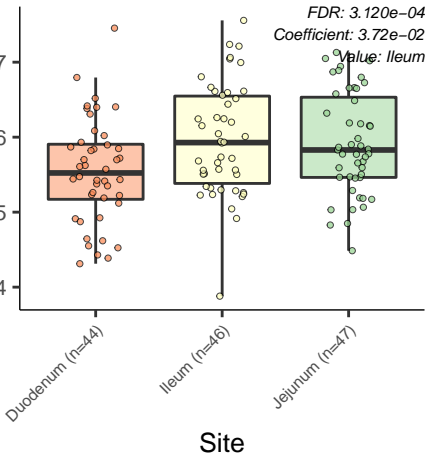
Site

0.7  
0.6  
0.5  
0.4





PWY.6126



PWY.7187

FDR: 3.326e-04  
Coefficient: 4.95e-02  
Value: Ileum

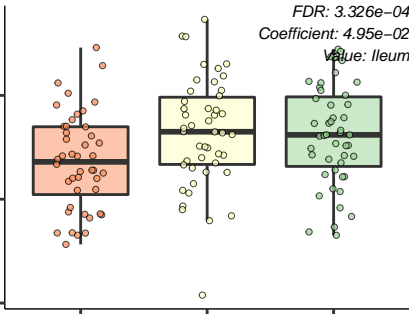
Duodenum (n=44)

Ileum (n=46)

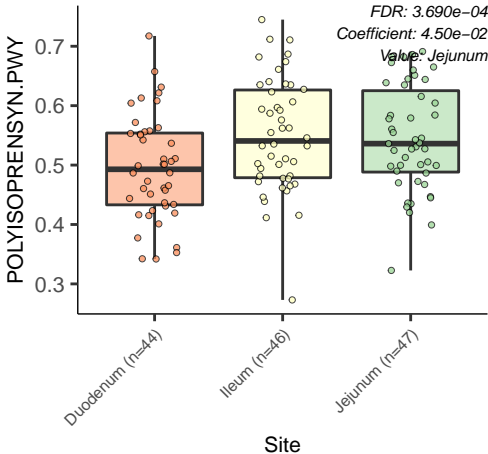
Jejunum (n=47)

Site

0.2  
0.4  
0.6







P161.PWY

Duodenum (n=44)

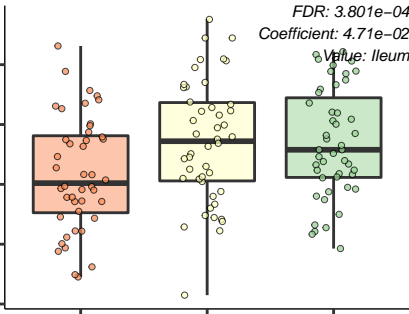
Ileum (n=46)

Jejunum (n=47)

Site

FDR: 3.801e-04  
Coefficient: 4.71e-02  
Value: Ileum

0.3  
0.4  
0.5  
0.6  
0.7



UDPNAGSYN.PWY

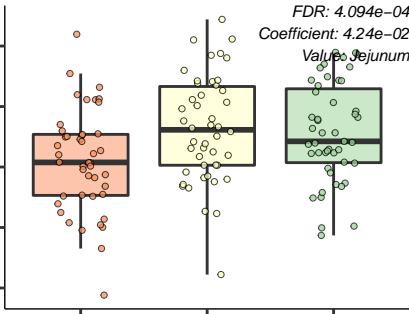
FDR:  $4.094e-04$   
Coefficient:  $4.24e-02$   
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



GLCMANNNAUT.PWY

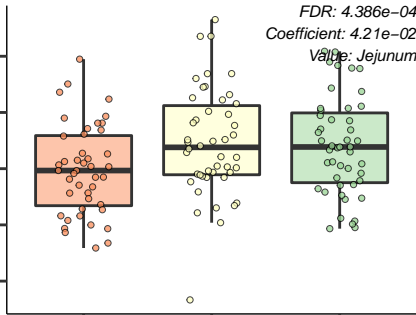
FDR:  $4.386e-04$   
Coefficient:  $4.21e-02$   
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.6122

*FDR: 4.386e-04*  
*Coefficient: 3.76e-02*  
*Value: Ileum*

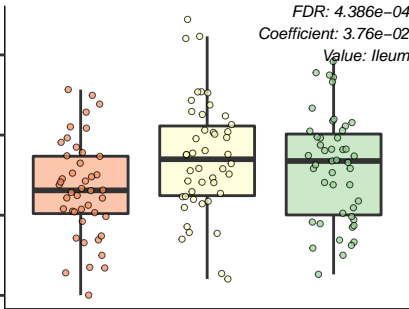
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.6277

*FDR: 4.386e-04*  
*Coefficient: 3.76e-02*  
*Value: Ileum*

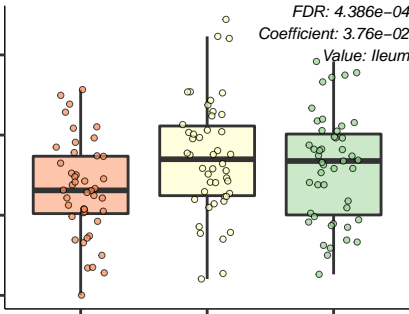
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY4FS.7

FDR: 4.386e-04  
Coefficient: 3.82e-02  
Value: Jejunum

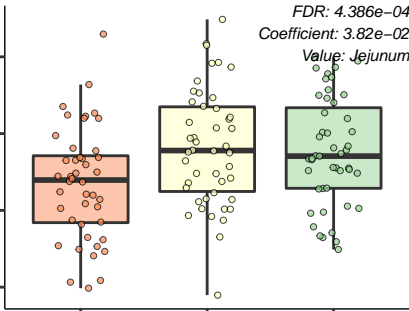
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY4FS.8

*FDR: 4.386e-04*  
*Coefficient: 3.82e-02*  
*Value: Jejunum*

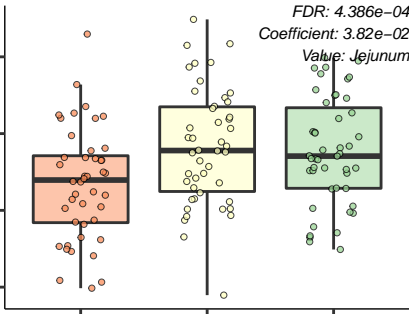
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

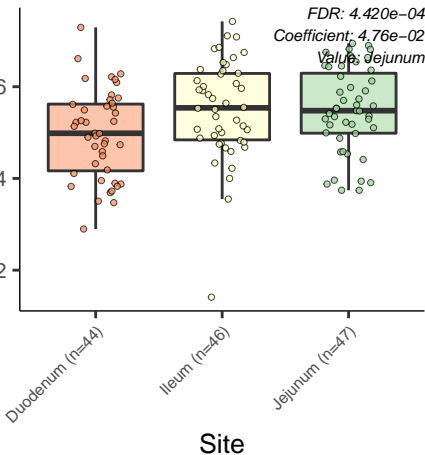
Site

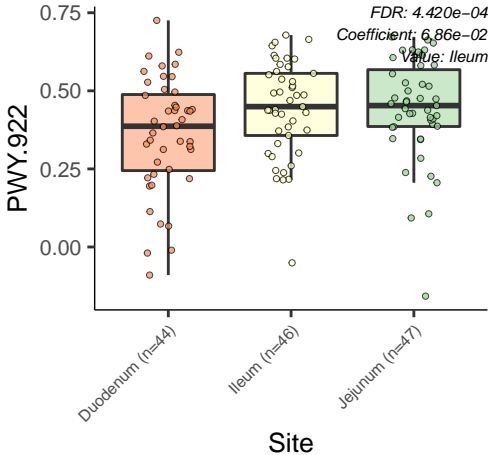
0.7  
0.6  
0.5  
0.4



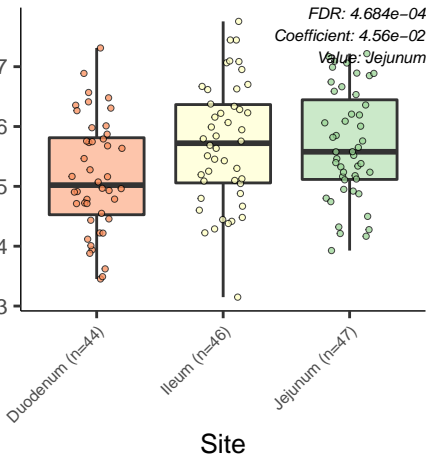


PWY.6471





P161.PWY



PWY.841

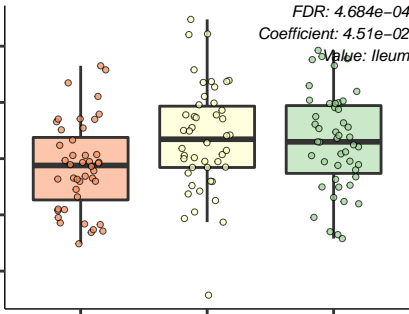
FDR: 4.684e-04  
Coefficient: 4.51e-02  
Value: Ileum

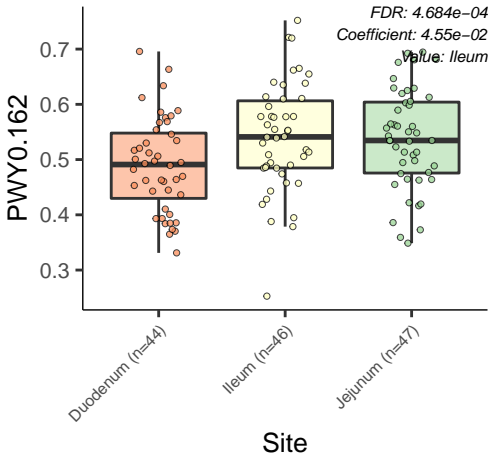
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY0.1298

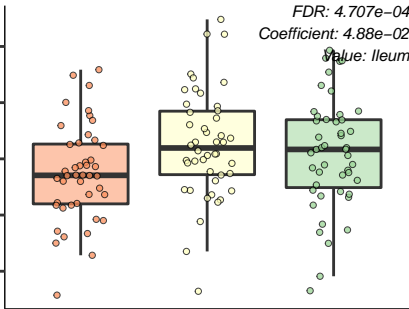
*FDR: 4.707e-04*  
*Coefficient: 4.88e-02*  
*Value: Ileum*

Duodenum (n=44)

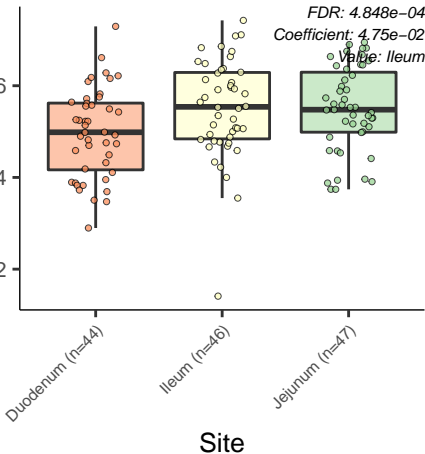
Ileum (n=46)

Jejunum (n=47)

Site



PWY.6471



DENOVOPURINE2.PWY

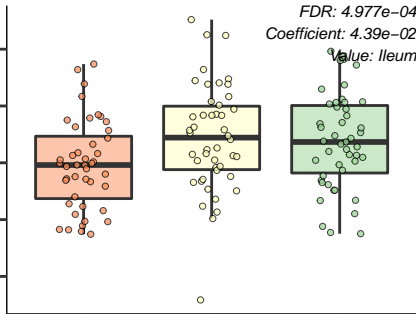
FDR:  $4.977\text{e-}04$   
Coefficient:  $4.39\text{e-}02$   
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PHOSLIPSYN.PWY

FDR: 5.676e-04  
Coefficient: 3.63e-02  
Value: Jejunum

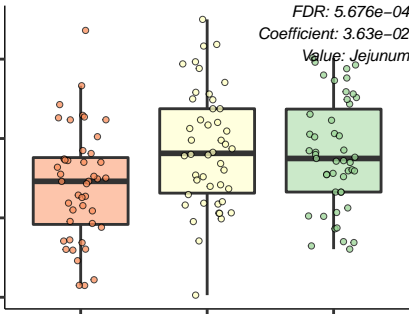
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.7196

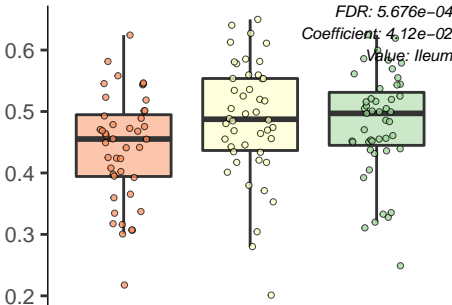
*FDR: 5.676e-04*  
*Coefficient: 4.12e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY0.166

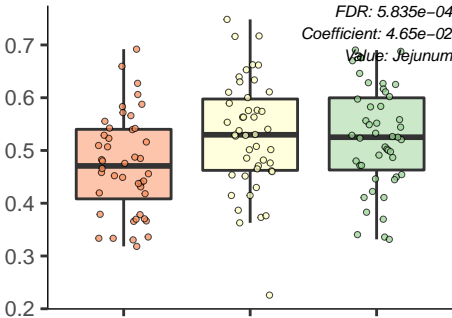
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

FDR: 5.835e-04  
Coefficient: 4.65e-02  
Value: Jejunum



PWY.6121

*FDR: 5.874e-04*  
*Coefficient: 3.63e-02*  
*Value: Ileum*

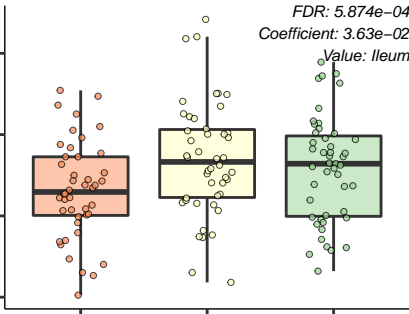
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.7187

FDR:  $6.621 \times 10^{-4}$   
Coefficient:  $4.61 \times 10^{-2}$   
Value: Jejunum

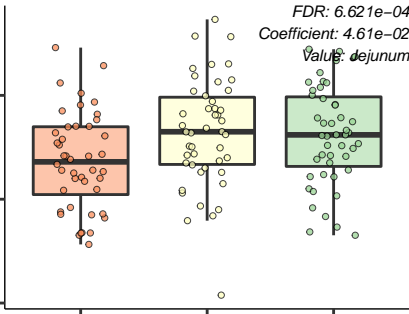
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6



PWY.6125

FDR: 6.850e-04  
Coefficient: 4.77e-02  
Value: Ileum

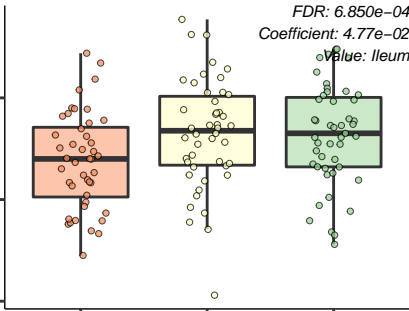
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6



PWY.7221

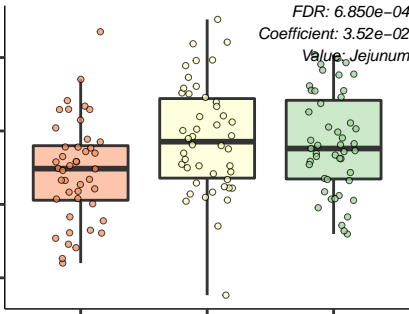
*FDR: 6.850e-04*  
*Coefficient: 3.52e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



ANAGLYCOLYSIS.PWY

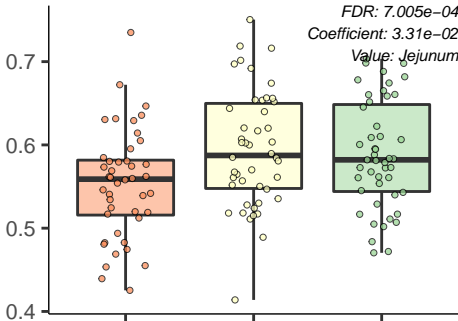
FDR: 7.005e-04  
Coefficient: 3.31e-02  
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY.5973

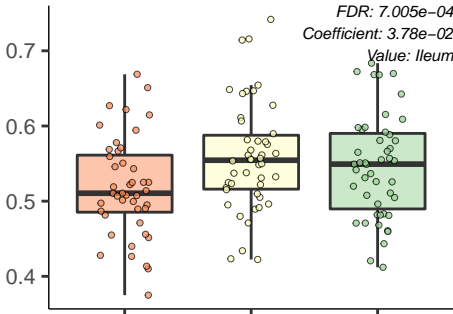
*FDR: 7.005e-04*  
*Coefficient: 3.78e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.5686

*FDR: 7.131e-04*  
*Coefficient: 3.35e-02*  
*Value: Jejunum*

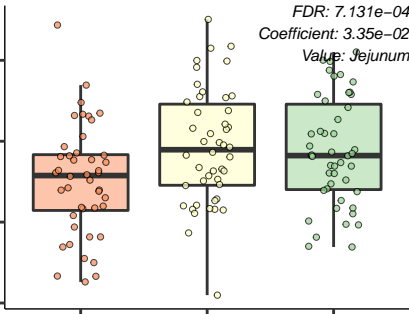
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



COA.PWY

*FDR: 7.407e-04*  
*Coefficient: 3.56e-02*  
*Value: Jejunum*

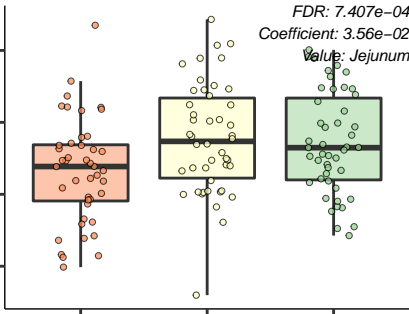
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.5100

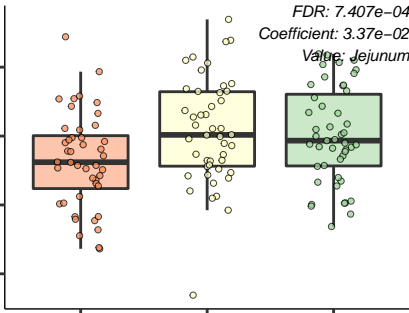
FDR:  $7.407e-04$   
Coefficient:  $3.37e-02$   
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.5667

FDR:  $7.407e-04$   
Coefficient:  $3.41e-02$   
Value: Jejunum

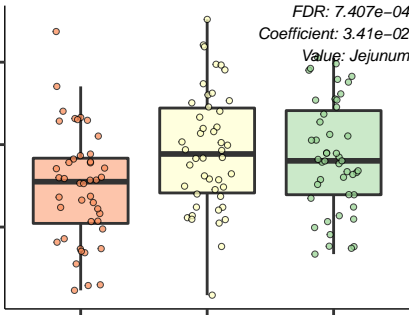
Duodenum (n=44)

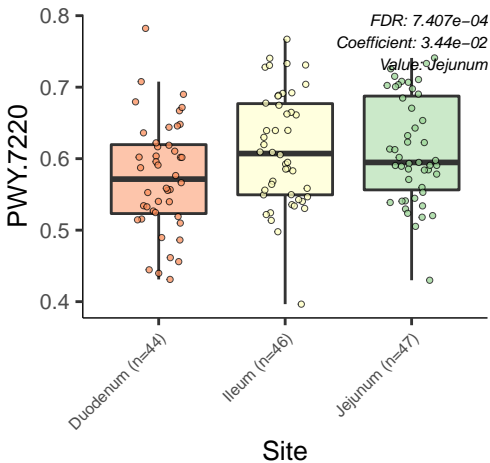
Ileum (n=46)

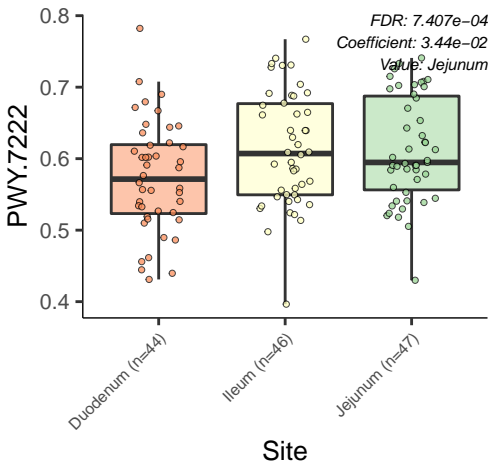
Jejunum (n=47)

Site

0.7  
0.6  
0.5







PWY.7228

*FDR: 7.407e-04*  
*Coefficient: 4.96e-02*  
*Value: Ileum*

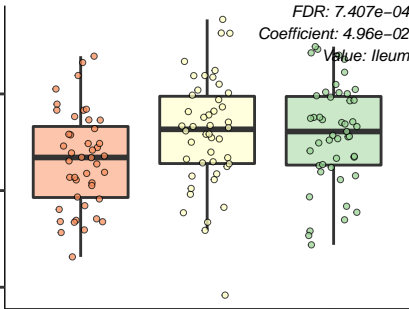
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6





PWY0.1319

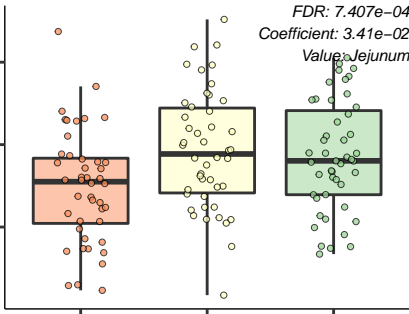
FDR:  $7.407e-04$   
Coefficient:  $3.41e-02$   
Value: Jejunum

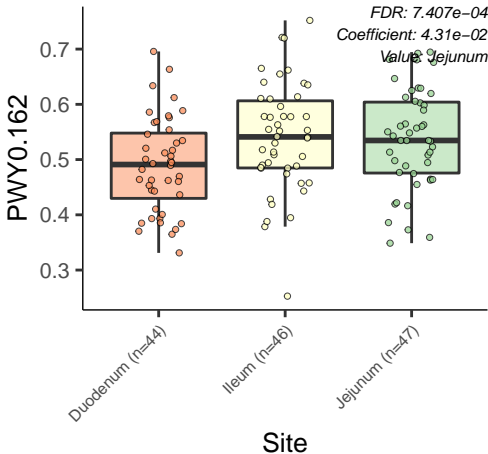
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY.7229

*FDR: 7.872e-04*  
*Coefficient: 3.33e-02*  
*Value: Jejunum*

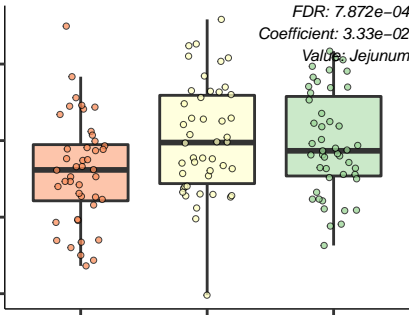
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.6125

FDR:  $7.933\text{e-}04$   
Coefficient:  $4.64\text{e-}02$   
Value: Jejunum

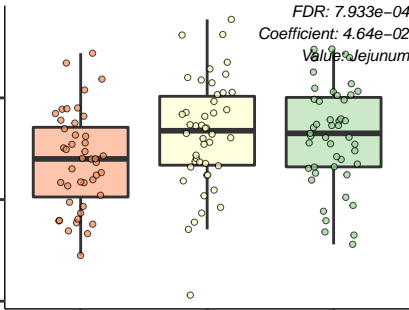
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6



PWY.7208

FDR:  $7.933\text{e-}04$   
Coefficient:  $3.34\text{e-}02$   
Value: Jejunum

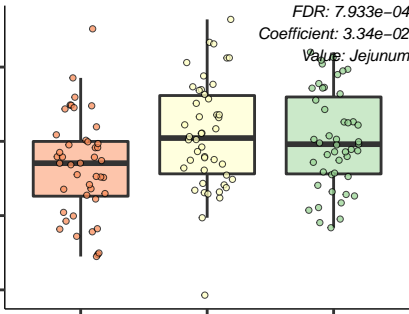
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.7184

*FDR: 7.953e-04*  
*Coefficient: 5.45e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.6

0.4

0.2

PWY.6126

*FDR: 8.373e-04*  
*Coefficient: 3.34e-02*  
*Value: Jejunum*

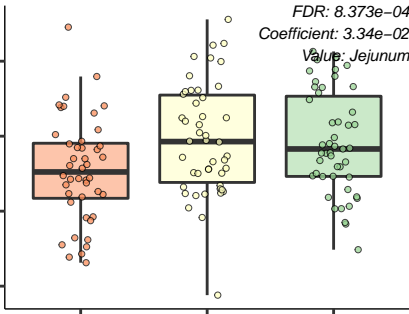
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.7228

FDR:  $8.423e-04$   
Coefficient:  $4.84e-02$   
Value: Jejunum

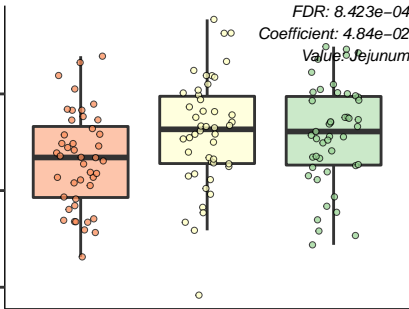
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6





FASYN.ELONG.PWY

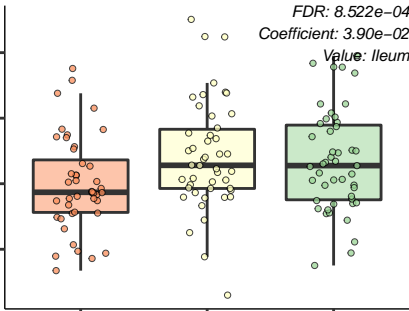
*FDR: 8.522e-04*  
*Coefficient: 3.90e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.7197

*FDR: 8.628e-04*  
*Coefficient: 5.62e-02*  
*Value: Ileum*

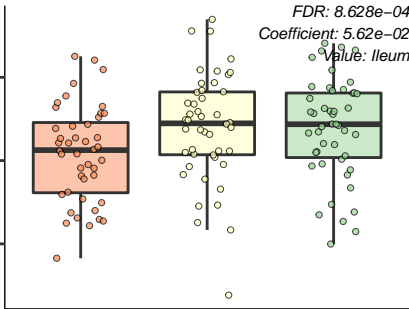
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6



PWY.7663

*FDR: 8.628e-04*  
*Coefficient: 3.57e-02*  
*Value: Ileum*

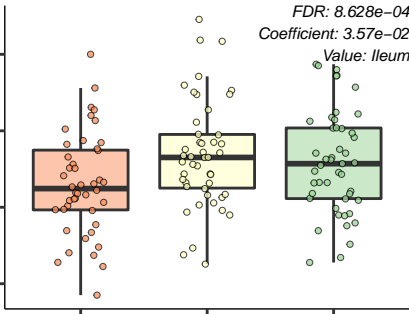
Duodenum (n=44)

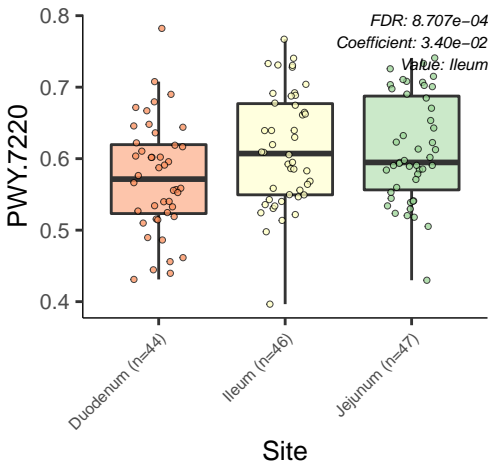
Ileum (n=46)

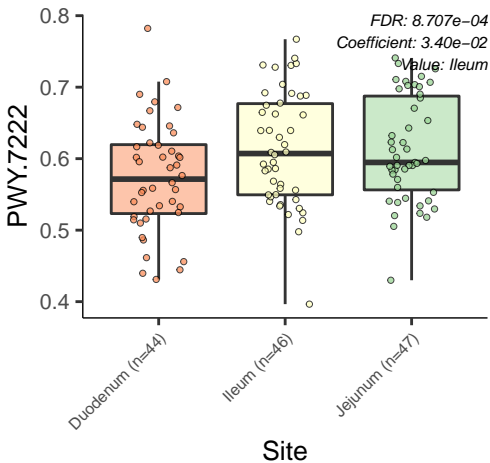
Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4







PWY.7184

*FDR: 8.885e-04*  
*Coefficient: 5.34e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.6

0.4

0.2

PWY.7219

FDR:  $8.885e-04$   
Coefficient:  $3.27e-02$   
Value: Jejunum

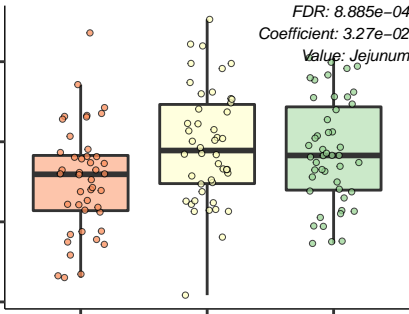
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.4  
0.5  
0.6  
0.7



PWY.7197

*FDR: 9.103e-04*  
*Coefficient: 5.54e-02*  
*Value: Jejunum*

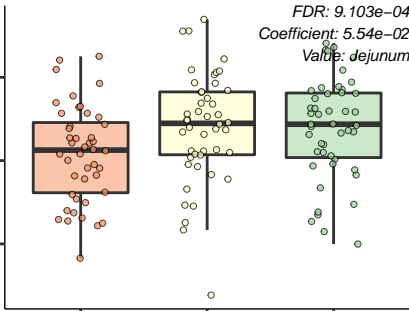
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.4  
0.6





PEPTIDOGLYCANSYN.PWY

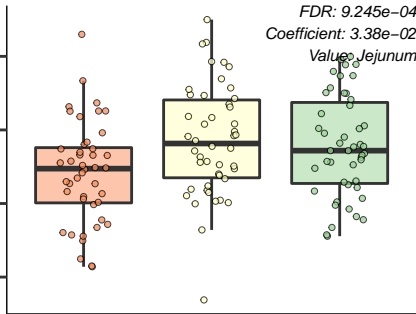
*FDR: 9.245e-04*  
*Coefficient: 3.38e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



TRNA.CHARGING.PWY

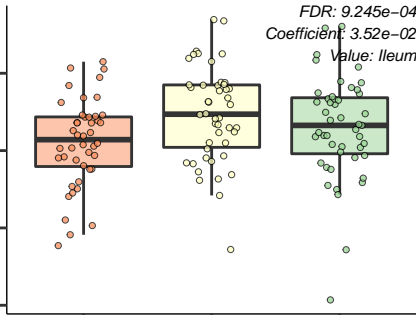
*FDR: 9.245e-04*  
*Coefficient: 3.52e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.6387

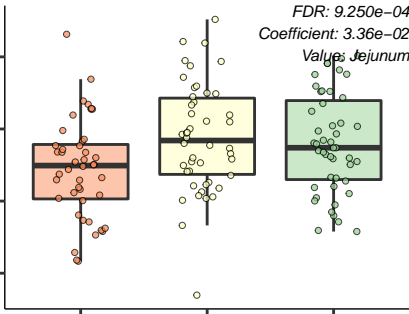
FDR:  $9.250e-04$   
Coefficient:  $3.36e-02$   
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.6385

FDR: 1.031e-03  
Coefficient: 3.39e-02  
Value: Jejunum

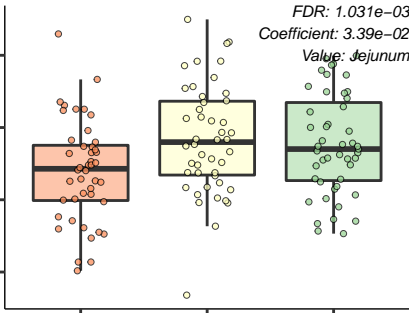
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



PWY.6386

FDR: 1.074e-03  
Coefficient: 3.35e-02  
Value: Jejunum

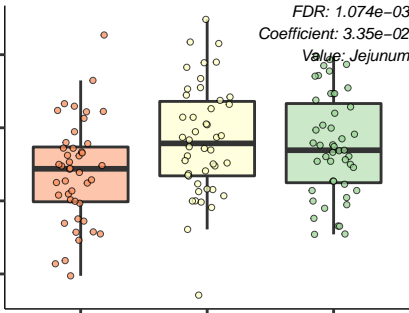
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



GLYCOGENSYNTH.PWY

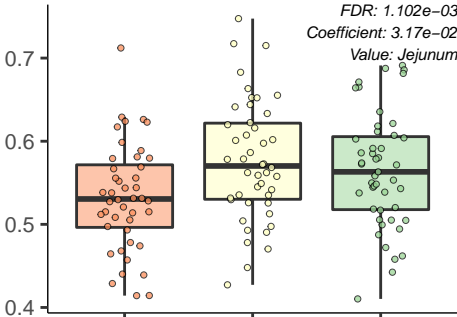
*FDR: 1.102e-03*  
*Coefficient: 3.17e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.841

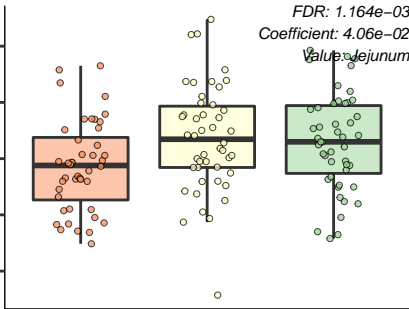
FDR: 1.164e-03  
Coefficient: 4.06e-02  
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.2942

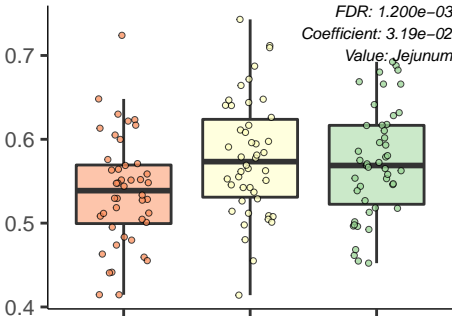
*FDR: 1.200e-03*  
*Coefficient: 3.19e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





PWY0.1297

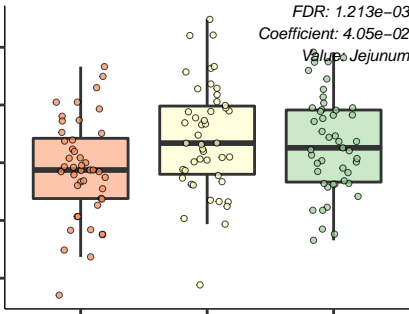
FDR: 1.213e-03  
Coefficient: 4.05e-02  
Value Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.5097

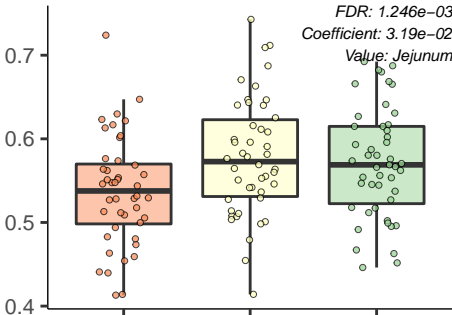
*FDR: 1.246e-03*  
*Coefficient: 3.19e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.6317

*FDR: 1.297e-03*  
*Coefficient: 3.28e-02*  
*Value: Jejunum*

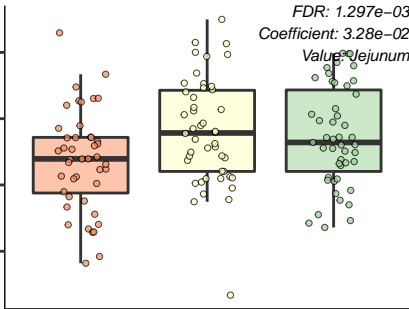
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



DENOVO PURINE2.PWY

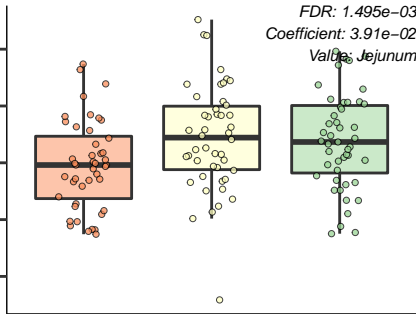
FDR: 1.495e-03  
Coefficient: 3.91e-02  
Value: Jejunum

Duodenum (n=44)

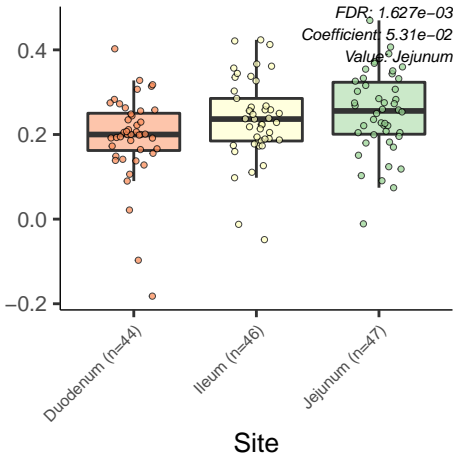
Ileum (n=46)

Jejunum (n=47)

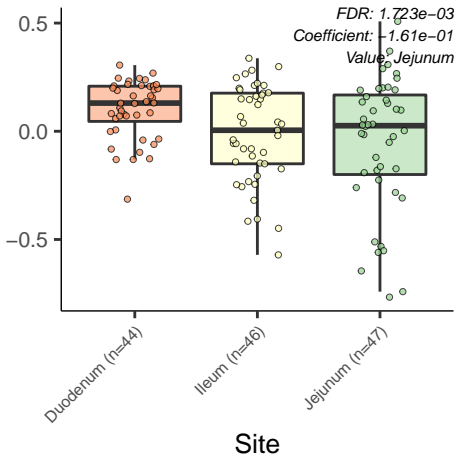
Site



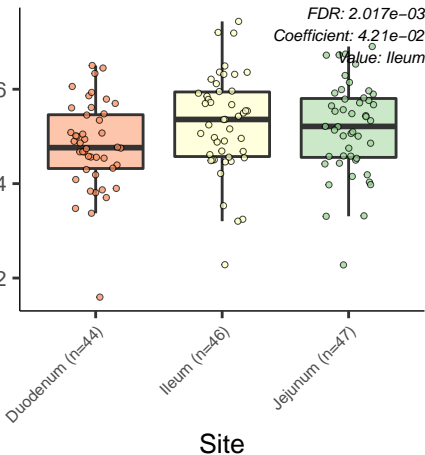
P4.PWY



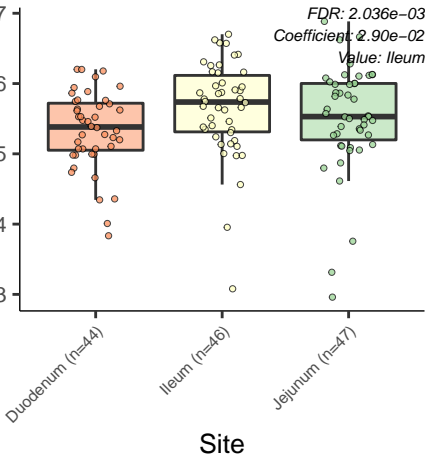
PWY.7211



PWY.7234

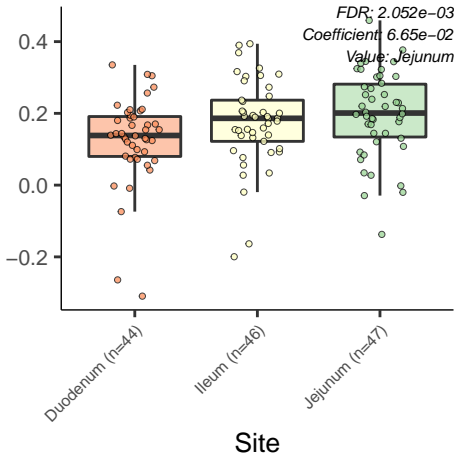


NONOXIPENT.PWY

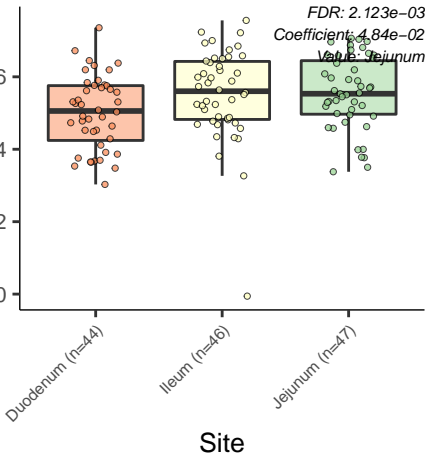




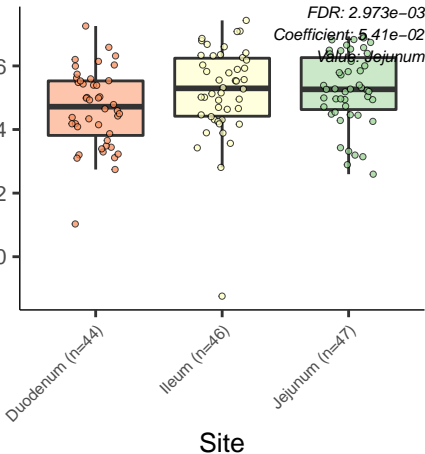
PWY0.781



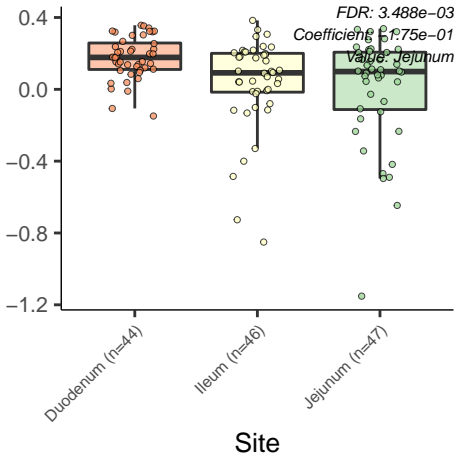
P124.PWY

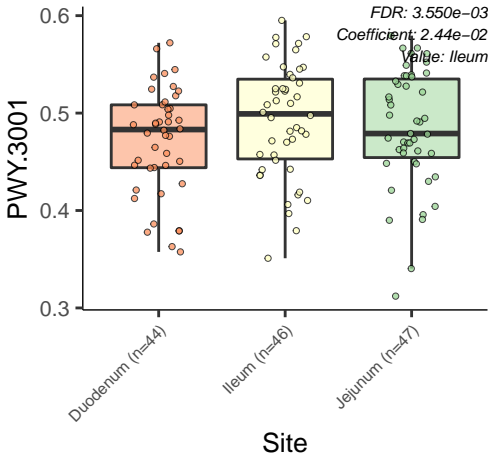


P122.PWY

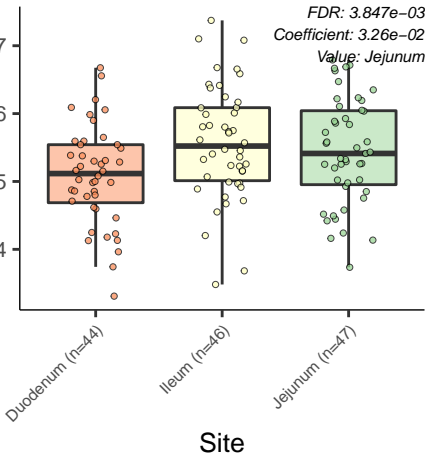


PWY0.1261

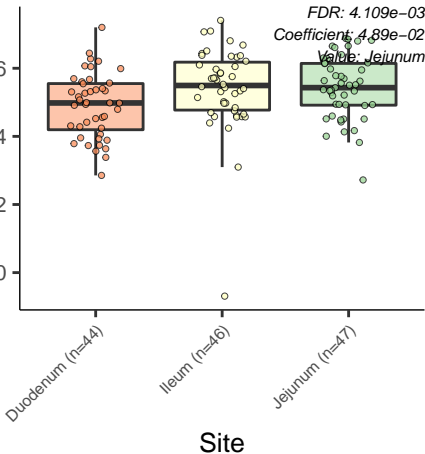




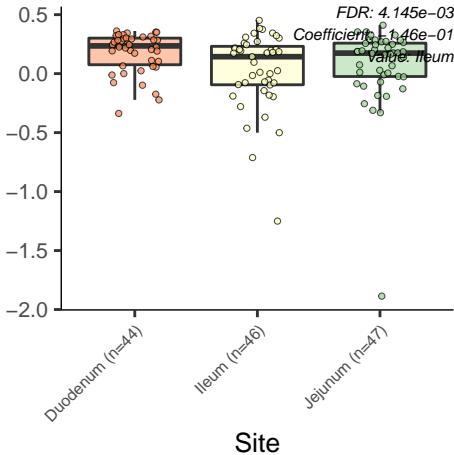
PWY.6151



PWY.2941



NAGLIPASYN.PWY





THRESYN.PWY

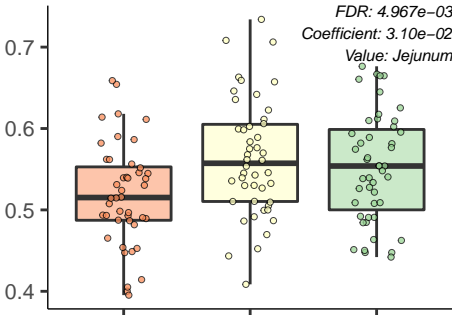
*FDR: 4.967e-03*  
*Coefficient: 3.10e-02*  
*Value: Jejunum*

Duodenum (n=44)

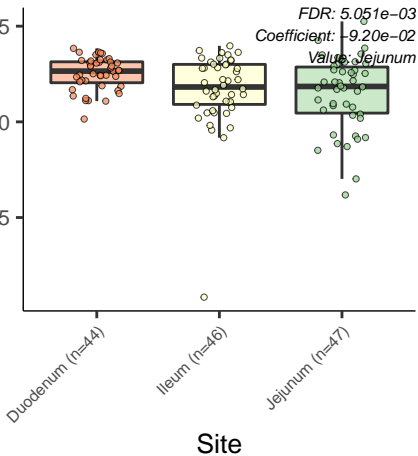
Ileum (n=46)

Jejunum (n=47)

Site



PRPP.PWY



PWY.7196

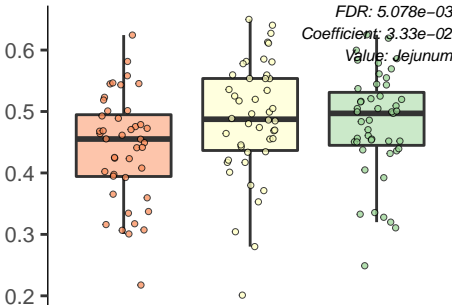
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

FDR:  $5.078 \times 10^{-3}$   
Coefficient:  $3.33 \times 10^{-2}$   
Value: Jejunum



FASYN.ELONG.PWY

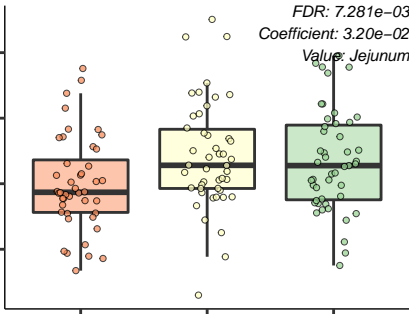
FDR: 7.281e-03  
Coefficient: 3.20e-02  
Value: Jejunum

Duodenum (n=44)

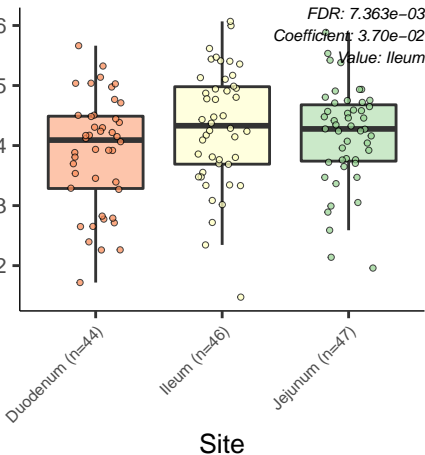
Ileum (n=46)

Jejunum (n=47)

Site



PWY.7200



P124.PWY

Duodenum (n=44)

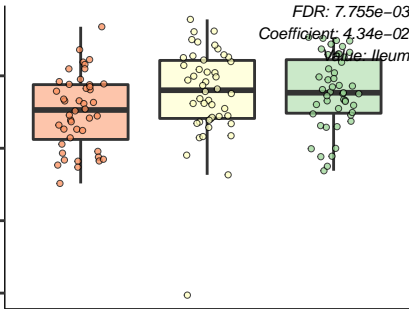
Ileum (n=46)

Jejunum (n=47)

Site

FDR:  $7.755e-03$   
Coefficient:  $4.34e-02$   
value: Ileum

0.6  
0.4  
0.2  
0.0



PWY.6123

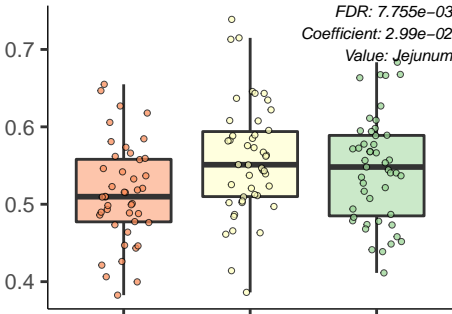
*FDR: 7.755e-03*  
*Coefficient: 2.99e-02*  
*Value: Jejunum*

Duodenum (n=44)

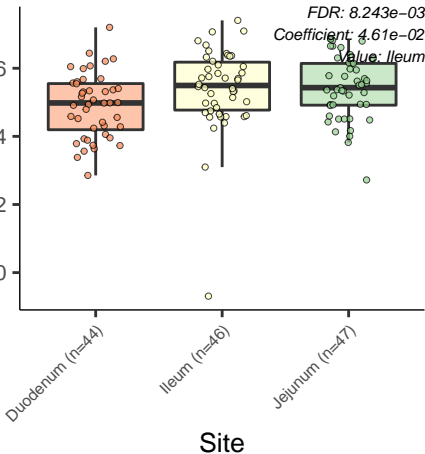
Ileum (n=46)

Jejunum (n=47)

Site

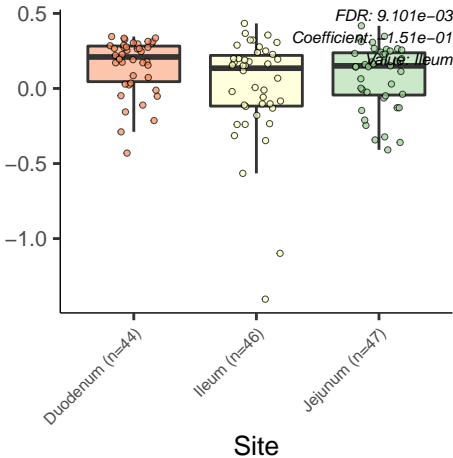


PWY.2941





PWY.6467



PWY.5484

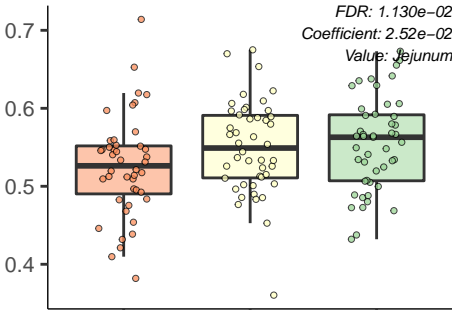
FDR:  $1.130 \times 10^{-2}$   
Coefficient:  $2.52 \times 10^{-2}$   
Value: Jejunum

Duodenum (n=44)

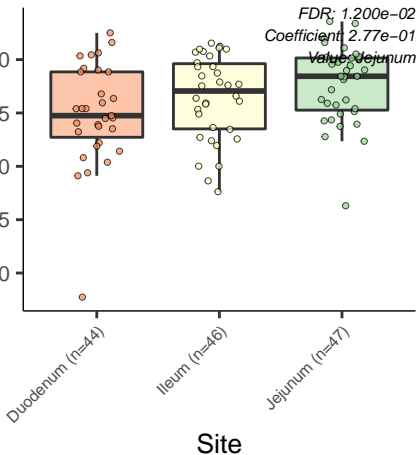
Ileum (n=46)

Jejunum (n=47)

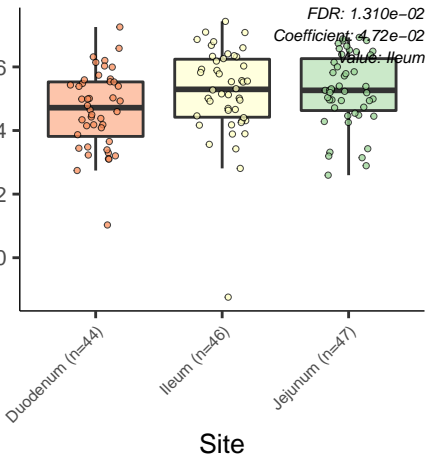
Site



HSERMETANA.PWY



P122.PWY



PWY.6122

Duodenum (n=44)

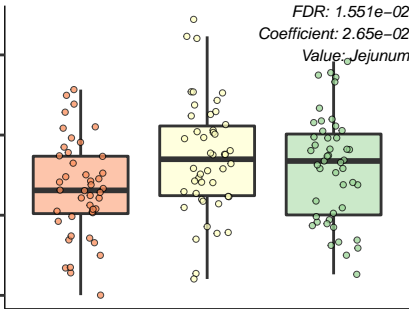
Ileum (n=46)

Jejunum (n=47)

Site

FDR: 1.551e-02  
Coefficient: 2.65e-02  
Value: Jejunum

0.7  
0.6  
0.5  
0.4



PWY.6277

FDR: 1.551e-02  
Coefficient: 2.65e-02  
Value: Jejunum

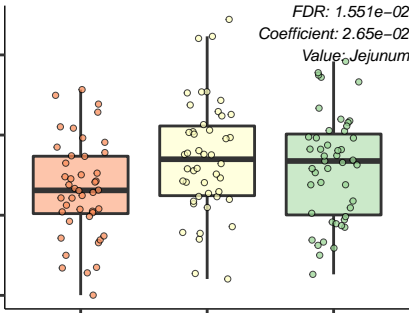
Duodenum (n=44)

Ileum (n=46)

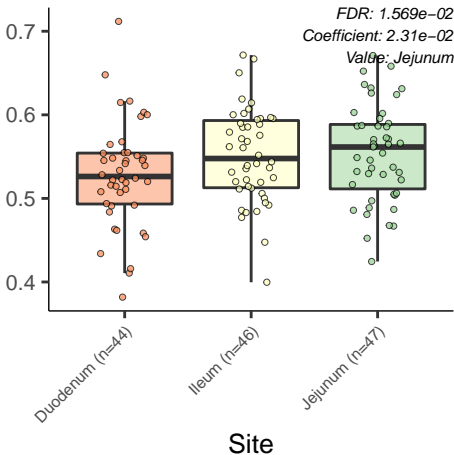
Jejunum (n=47)

Site

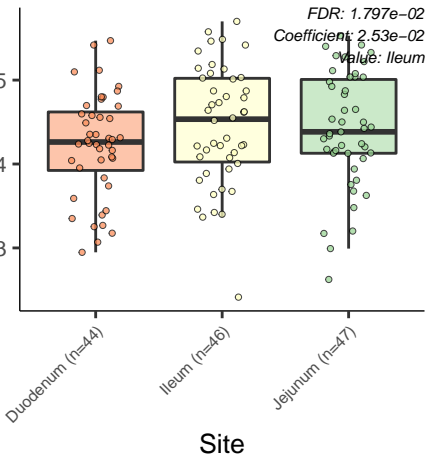
0.7  
0.6  
0.5  
0.4



GLYCOLYSIS



ARGSYN.PWY





PWY.7663

*FDR: 1.797e-02*  
*Coefficient: 2.67e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

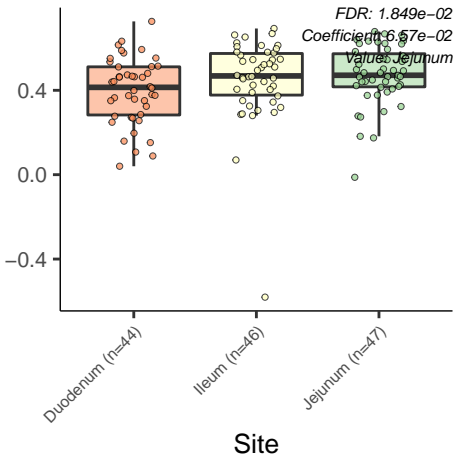
0.7

0.6

0.5

0.4

PWY.5910



PWY.6121

*FDR: 1.894e-02*  
*Coefficient: 2.57e-02*  
*Value: Jejunum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7

0.6

0.5

0.4

PWY.7234

FDR:  $1.952e-02$   
Coefficient:  $3.34e-02$   
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

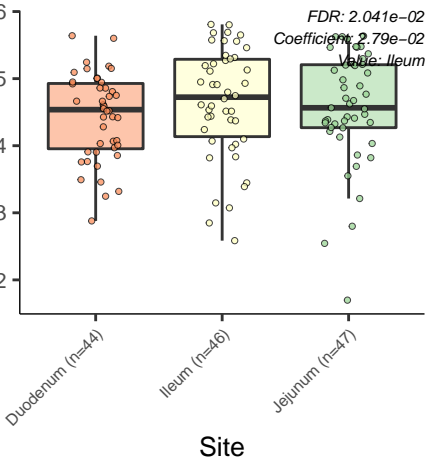
Site

0.6

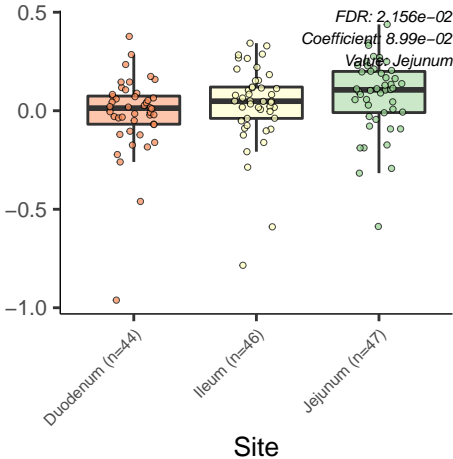
0.4

0.2

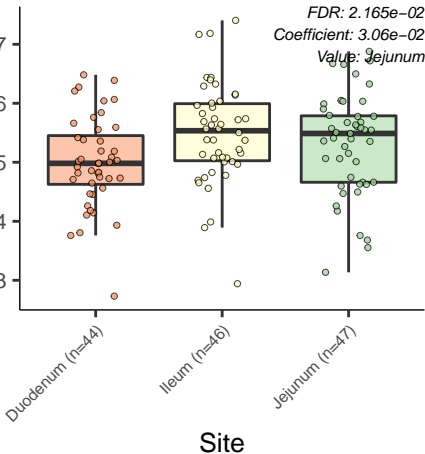
SER.GLYSYN.PWY



PWY.5347



PWY0.1296



PWY.7400

*FDR: 2.195e-02*  
*Coefficient: 2.49e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.3  
0.4  
0.5



GLUCONEO.PWY

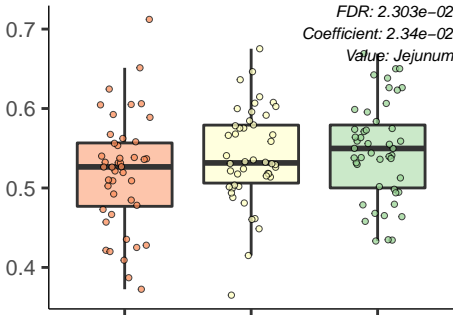
FDR: 2.303e-02  
Coefficient: 2.34e-02  
Value: Jejunum

Duodenum (n=44)

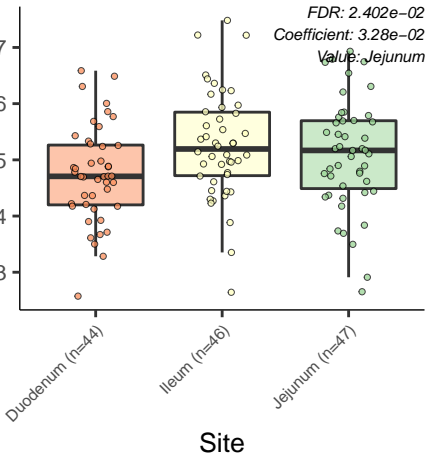
Ileum (n=46)

Jejunum (n=47)

Site



PWY0.1298



ARGSYNBSUB.PWY

FDR: 2.495e-02  
Coefficient: 2.58e-02  
Value: Ileum

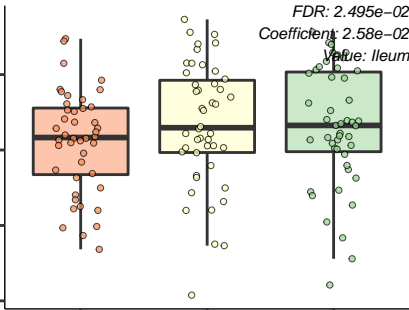
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.2  
0.3  
0.4  
0.5



PWY.5973

*FDR: 2.495e-02*  
*Coefficient: 2.62e-02*  
*Value: Jejunum*

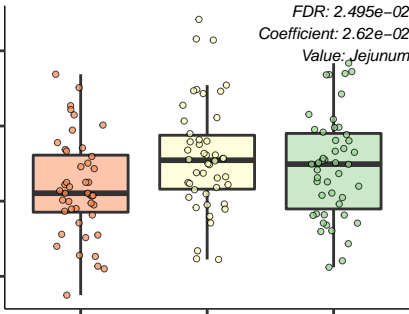
Duodenum (n=44)

Ileum (n=46)

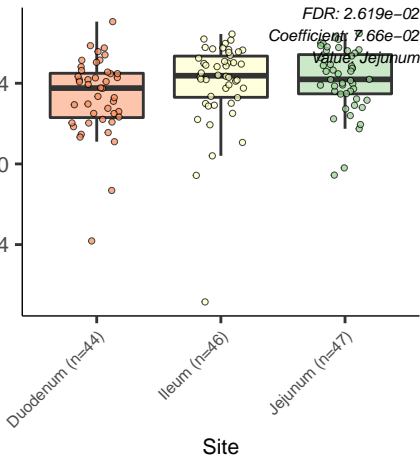
Jejunum (n=47)

Site

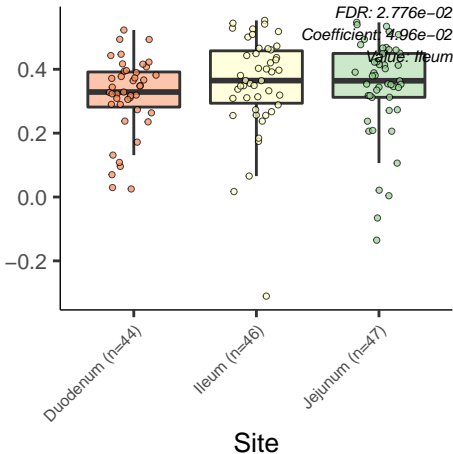
0.7  
0.6  
0.5  
0.4



TEICHOICACID.PWY



PWY.1861



FOLSYN.PWY

*FDR: 2.782e-02*  
*Coefficient: 2.83e-02*  
*Value: Jejunum*

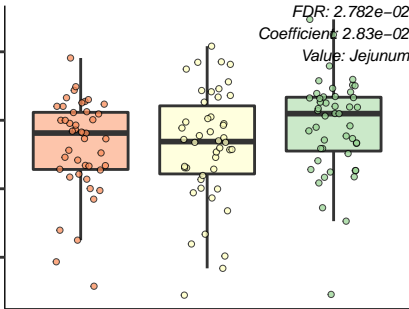
Duodenum (n=44)

Ileum (n=46)

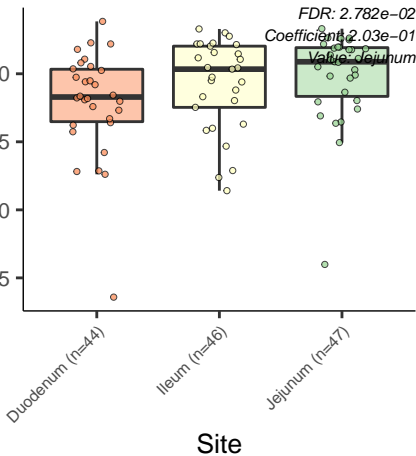
Jejunum (n=47)

Site

0.5  
0.4  
0.3  
0.2



P341.PWY





PWY.6609

*FDR: 2.835e-02*  
*Coefficient: 2.61e-02*  
*Value: Jejunum*

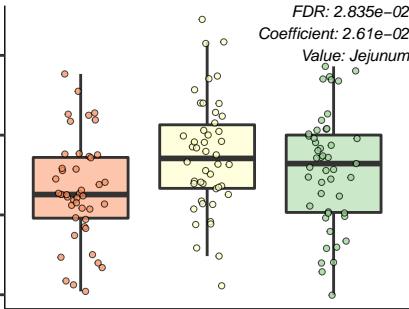
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.7  
0.6  
0.5  
0.4



ANAEROFRUCAT.PWY

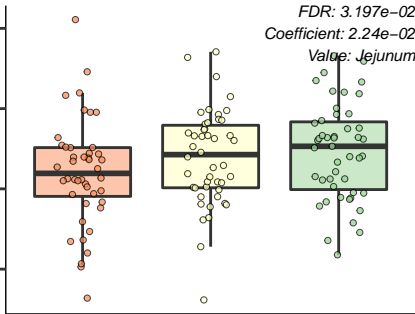
FDR: 3.197e-02  
Coefficient: 2.24e-02  
Value: Jejunum

Duodenum (n=44)

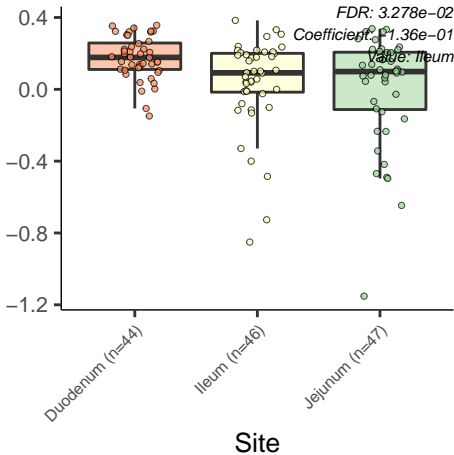
Ileum (n=46)

Jejunum (n=47)

Site



PWY0.1261



OANTIGEN.PWY

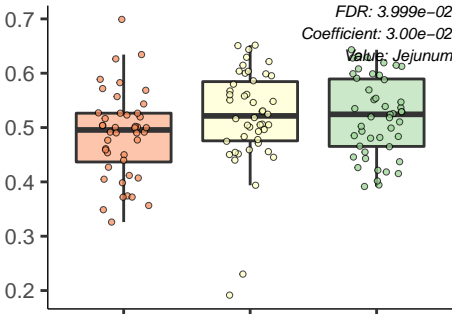
FDR: 3.999e-02  
Coefficient: 3.00e-02  
Value: Jejunum

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



ARGSYNBSUB.PWY

0.5  
0.4  
0.3  
0.2

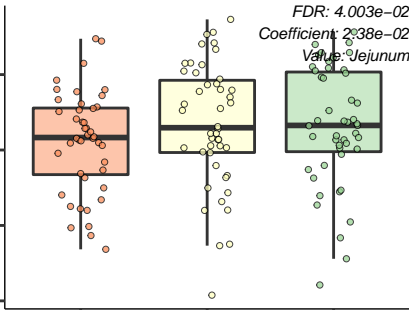
Duodenum (n=44)

Ileum (n=46)

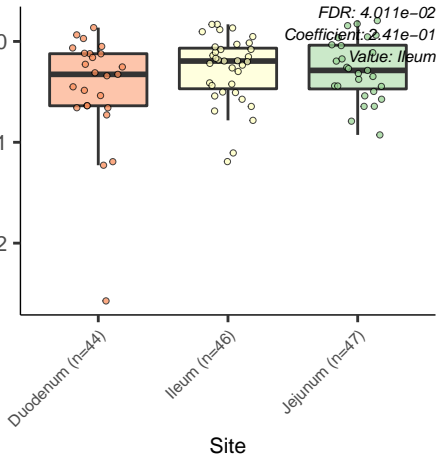
Jejunum (n=47)

Site

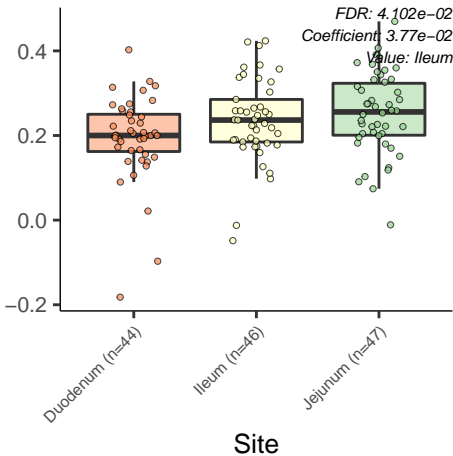
FDR:  $4.003e-02$   
Coefficient:  $2.38e-02$   
Value: Jejunum



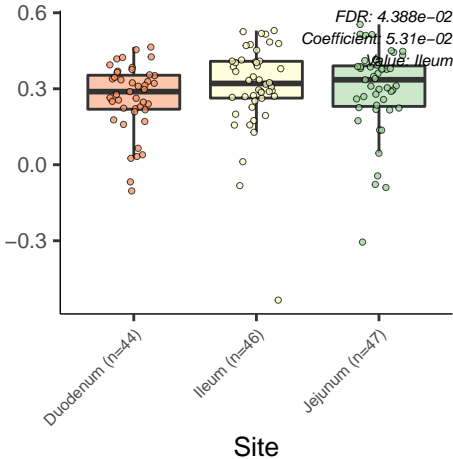
ARG.POLYAMINE.SYN



P4.PWY

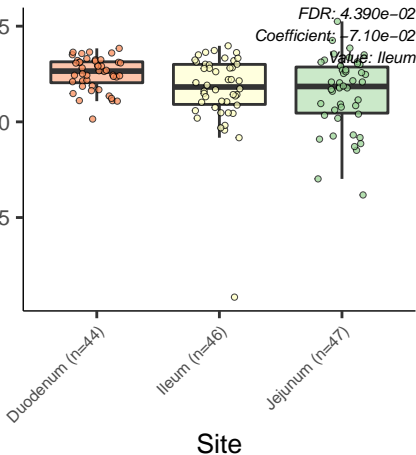


RUMP.PWY

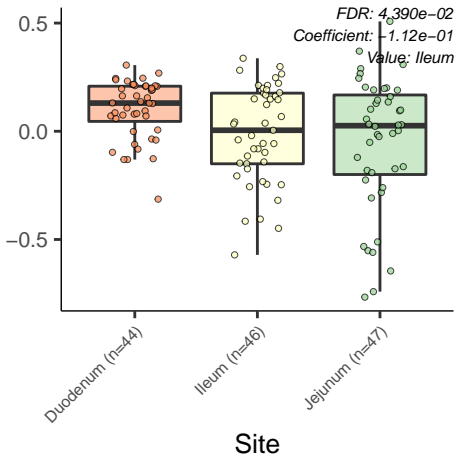




PRPP.PWY



PWY.7211



DAPLYSINESYN.PWY

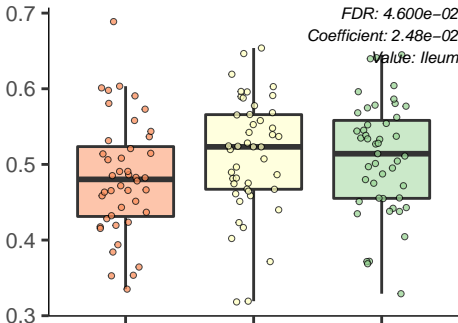
FDR: 4.600e-02  
Coefficient: 2.48e-02  
Value: Ileum

Duodenum (n=44)

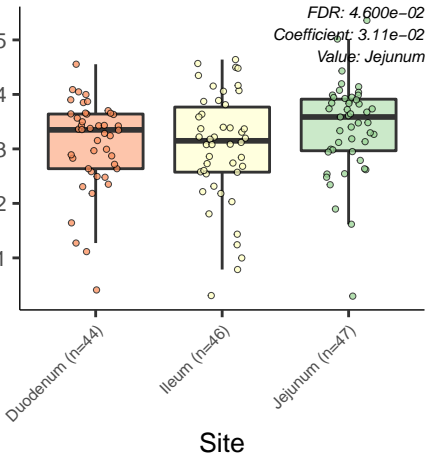
Ileum (n=46)

Jejunum (n=47)

Site



PWY.6612



PWY.5121

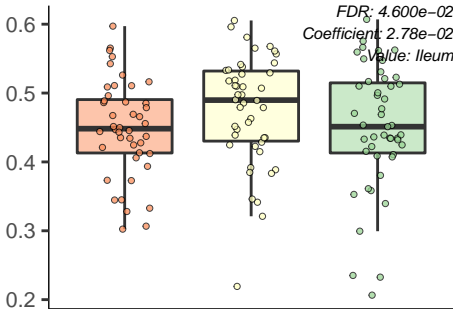
FDR: 4.600e-02  
Coefficient: 2.78e-02  
Value: Ileum

Duodenum (n=44)

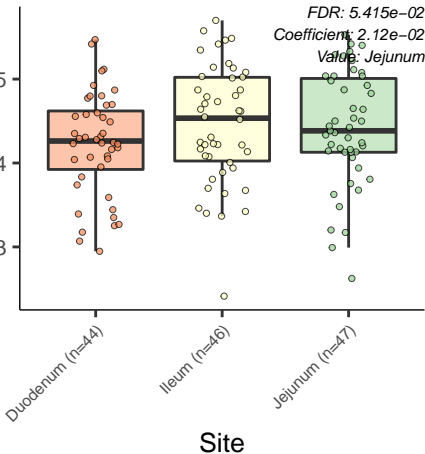
Ileum (n=46)

Jejunum (n=47)

Site



ARGSYN.PWY



GLYCOLYSIS

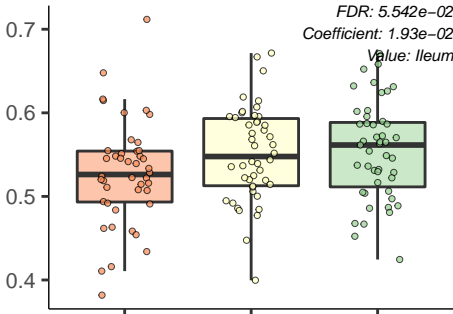
*FDR: 5.542e-02*  
*Coefficient: 1.93e-02*  
*Value: Ileum*

Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site



PWY.5484

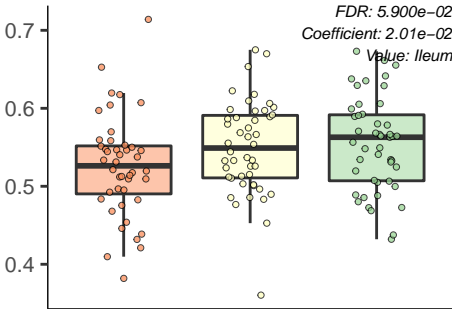
FDR: 5.900e-02  
Coefficient: 2.01e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

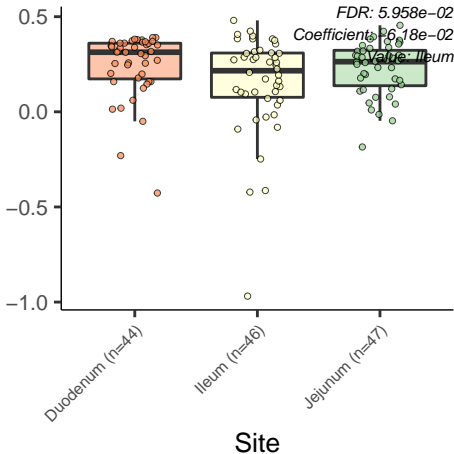
Jejunum (n=47)

Site

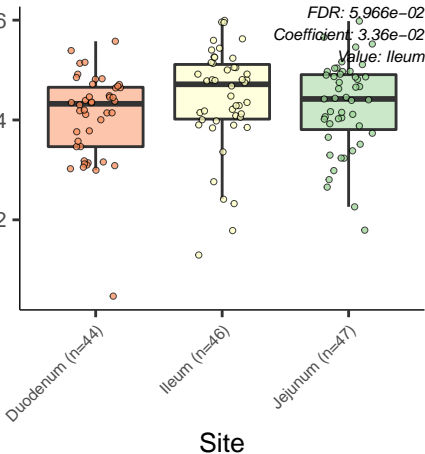




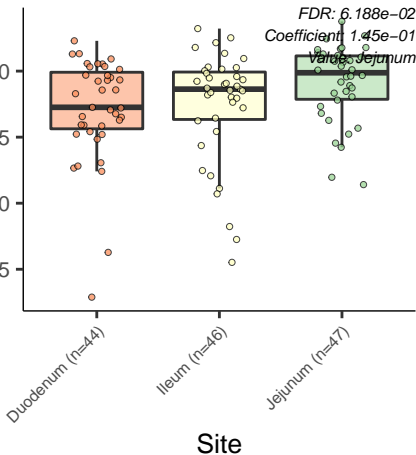
PWY.7323



PWY.7392



PWY.5022



OANTIGEN.PWY

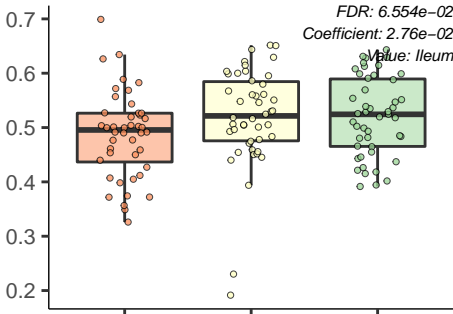
FDR: 6.554e-02  
Coefficient: 2.76e-02  
Value: Ileum

Duodenum (n=44)

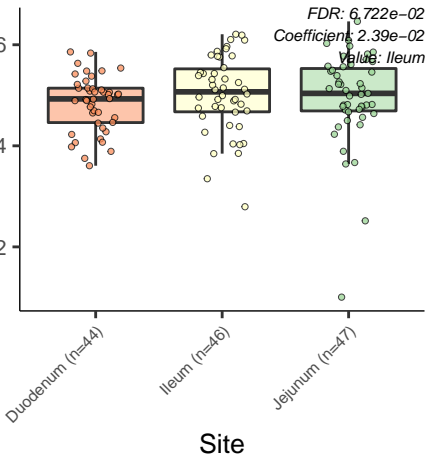
Ileum (n=46)

Jejunum (n=47)

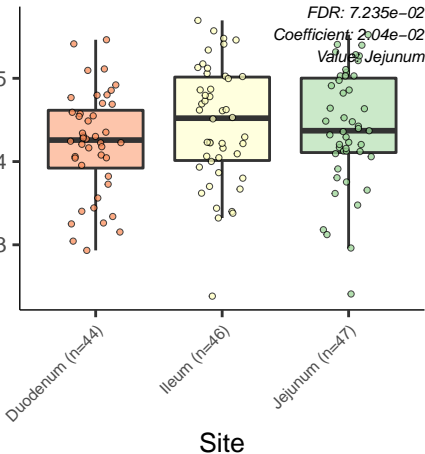
Site



GLYCOCAT.PWY



PWY.7400



DAPLYSINESYN.PWY

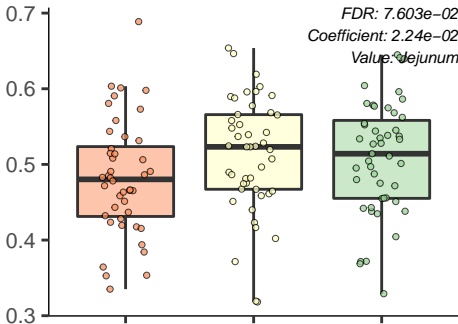
FDR: 7.603e-02  
Coefficient: 2.24e-02  
Value: Jejunum

Duodenum (n=44)

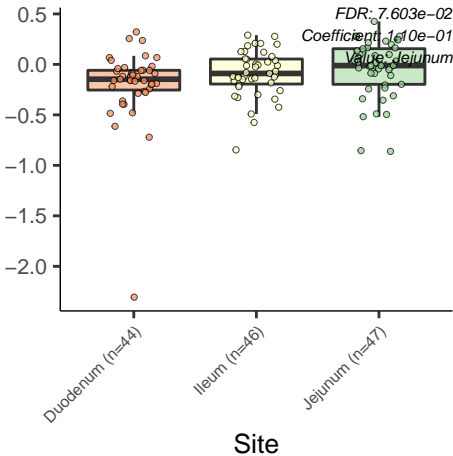
Ileum (n=46)

Jejunum (n=47)

Site

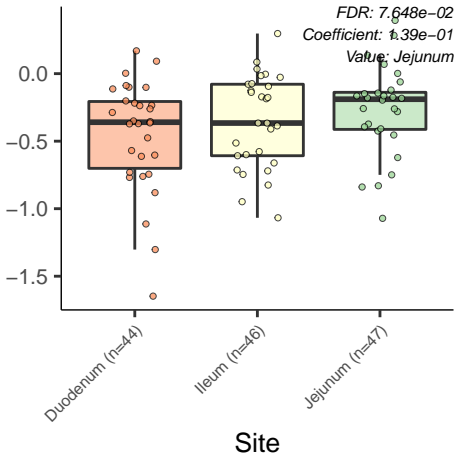


MET.SAM.PWY

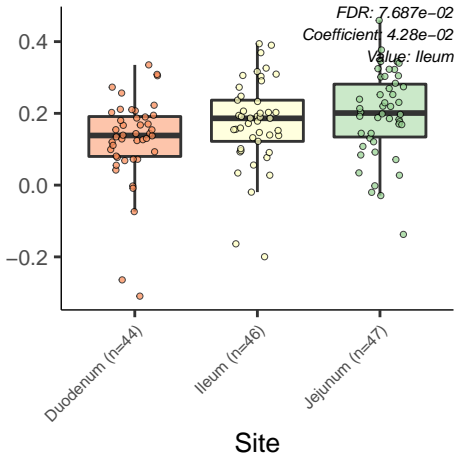




PWY.5345



PWY0.781



HEME.BIOSYNTHESIS.II

*FDR: 8.023e-02*  
*Coefficient: 5.14e-01*  
*Value: Jejunum*

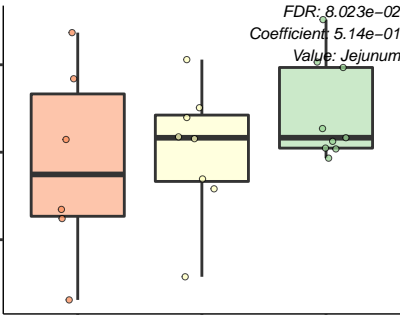
Duodenum (n=44)

Ileum (n=46)

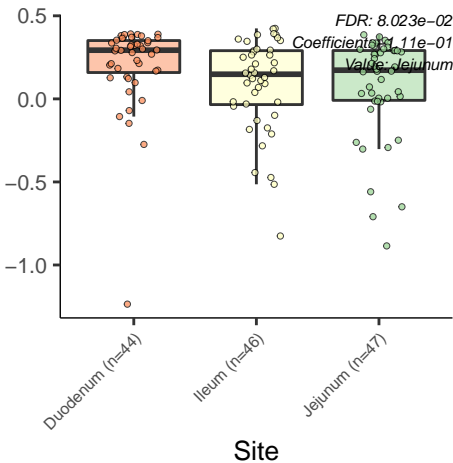
Jejunum (n=47)

Site

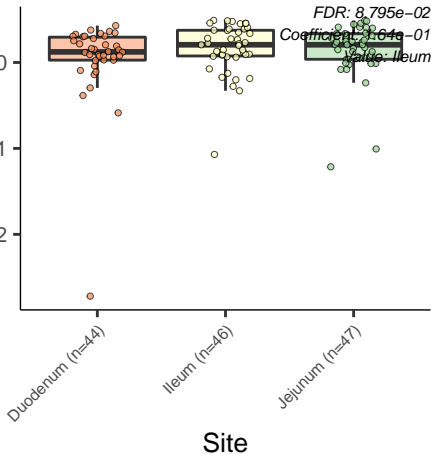
0.0  
-0.5  
-1.0

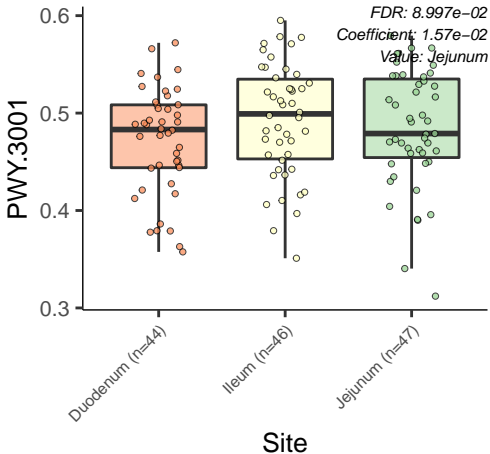


PWY.5154

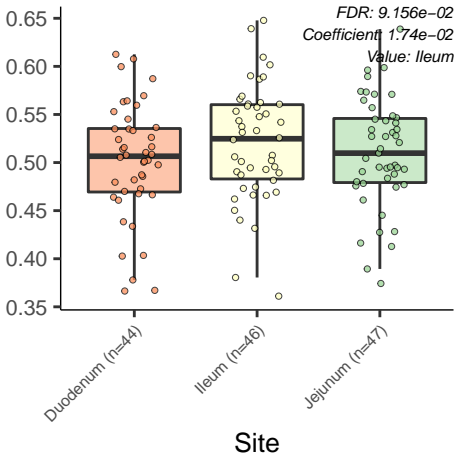


PWY490.3

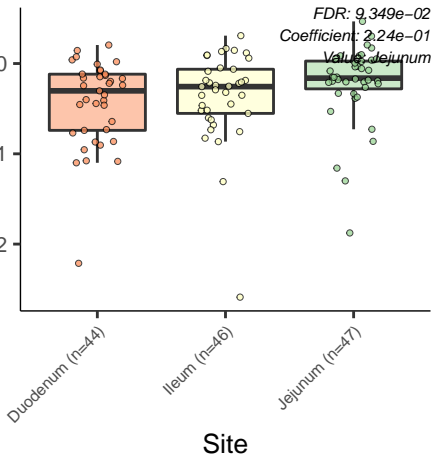




CALVIN.PWY

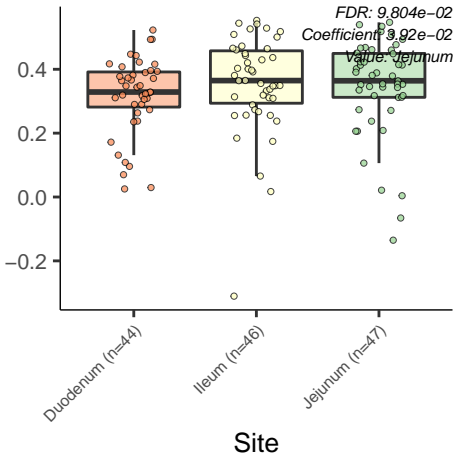


SO4ASSIM.PWY

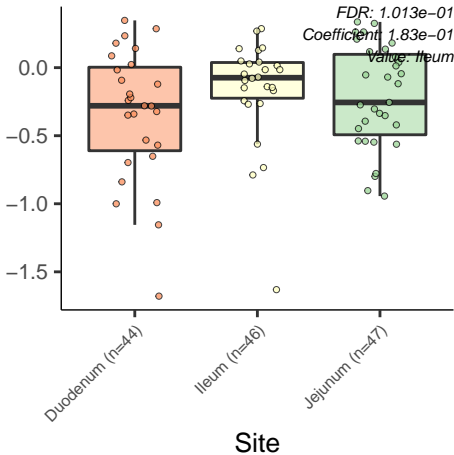




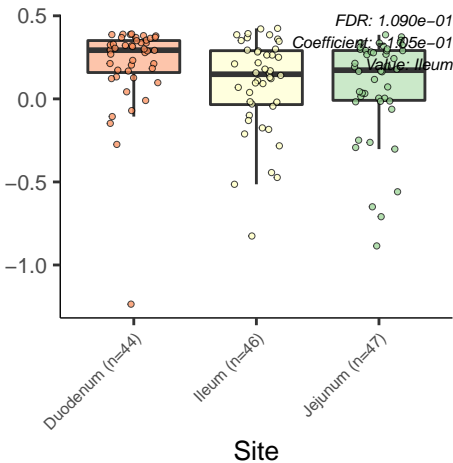
PWY.1861



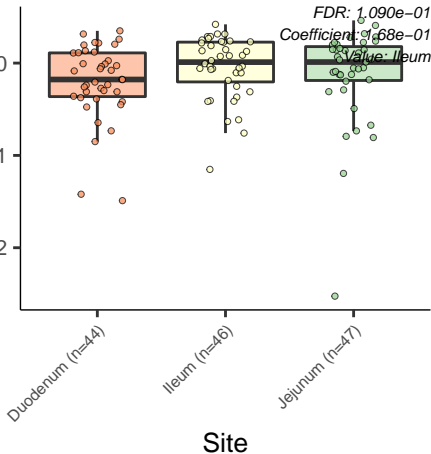
FUCCAT.PWY



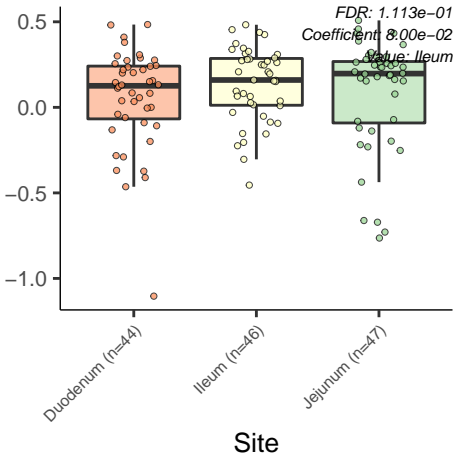
PWY.5154



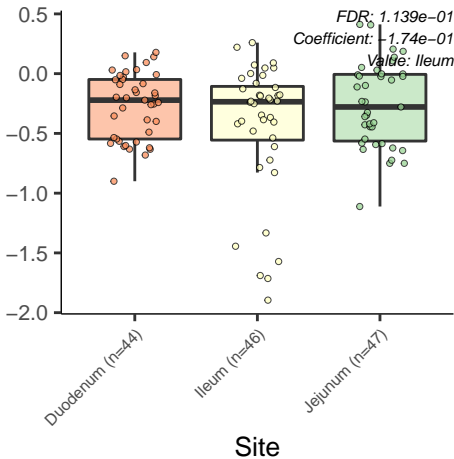
PWY.6901



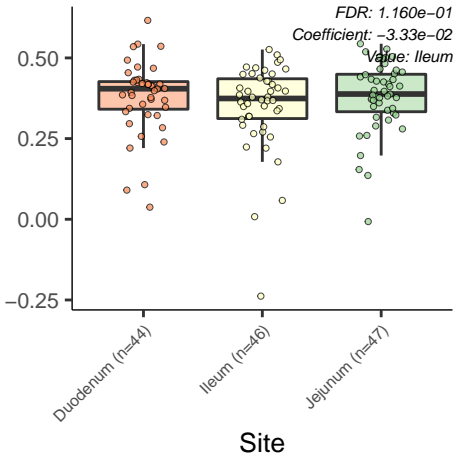
P164.PWY



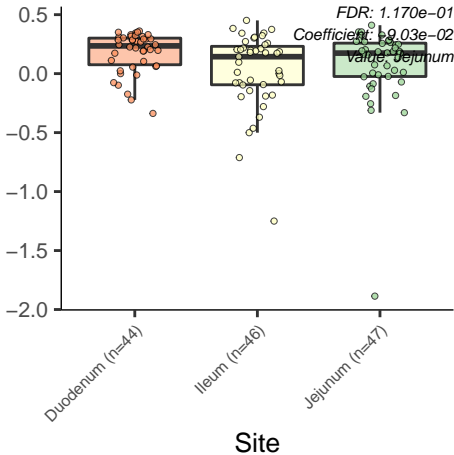
PWY0.1479



PWY.6147

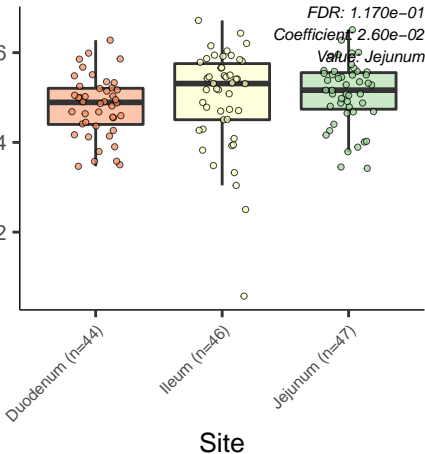


NAGLIPASYN.PWY

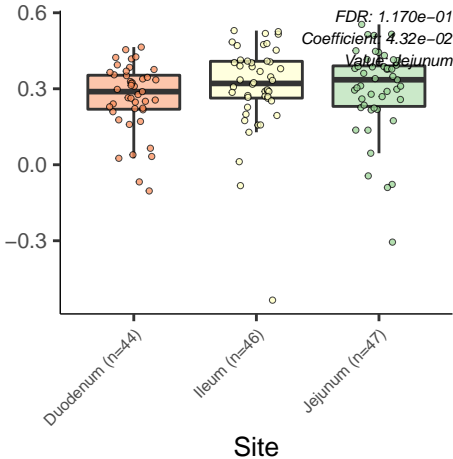




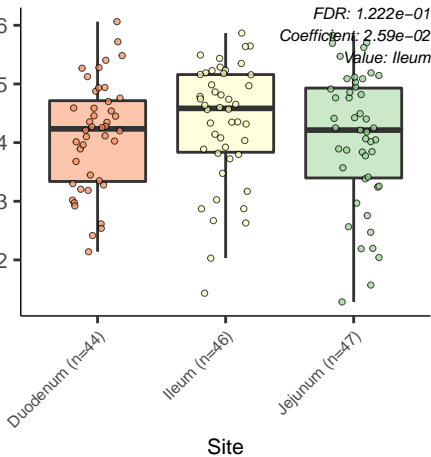
P441.PWY



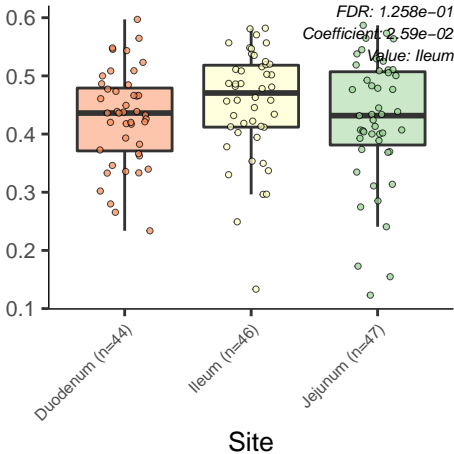
RUMP.PWY



COMPLETE.ARO.PWY



NONMEVIP.PWY



PWY.7560

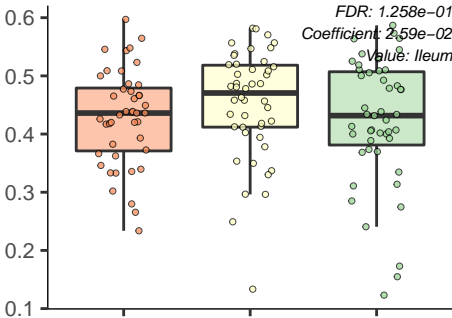
Duodenum (n=44)

Ileum (n=46)

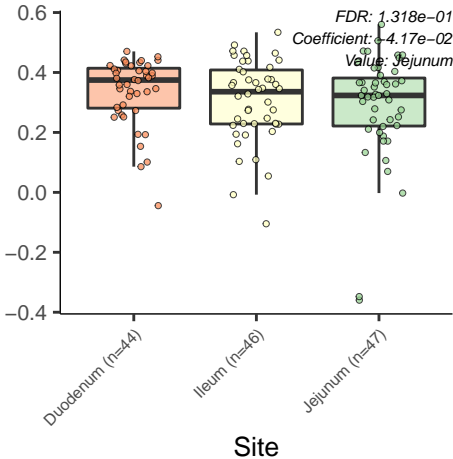
Jejunum (n=47)

Site

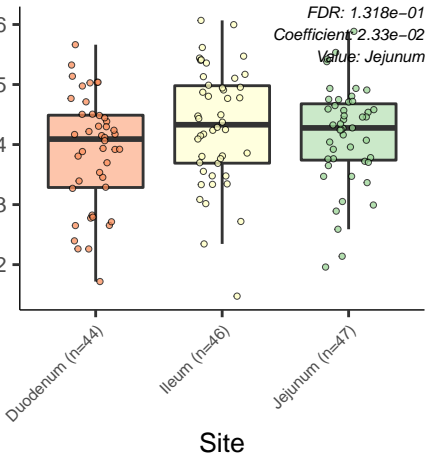
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*Coefficient: 2.59e-02*  
*Value: Ileum*



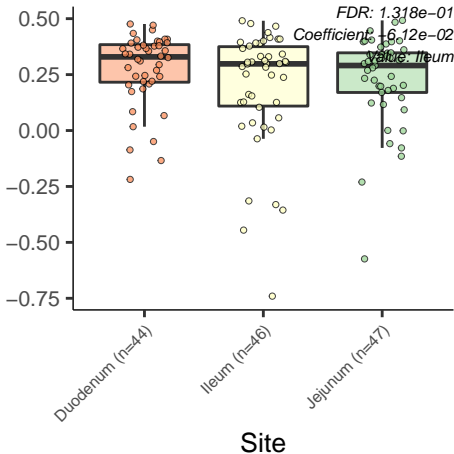
PWY.5659



PWY.7200

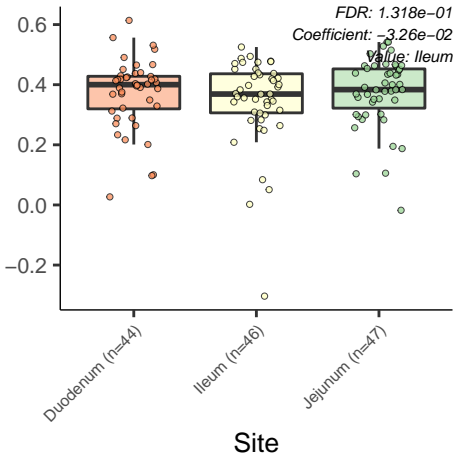


PWY.7242

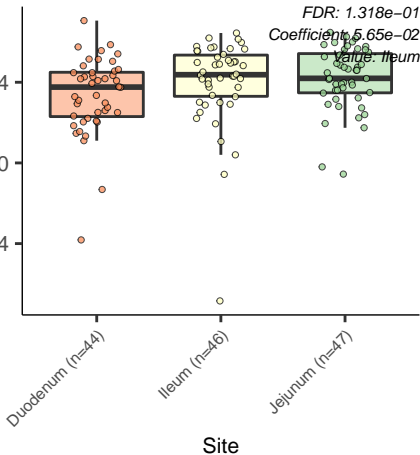




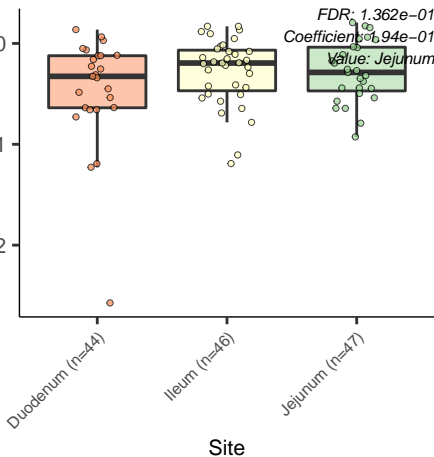
PWY.7539



TEICHOICACID.PWY



ARG.POLYAMINE.SYN



TRNA.CHARGING.PWY

FDR: 1.379e-01  
Coefficient: 1.83e-02  
Value: Jejunum

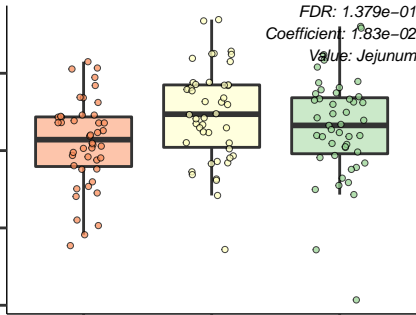
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site

0.3  
0.4  
0.5  
0.6



FUCCAT.PWY

0.0  
-0.5  
-1.0  
-1.5

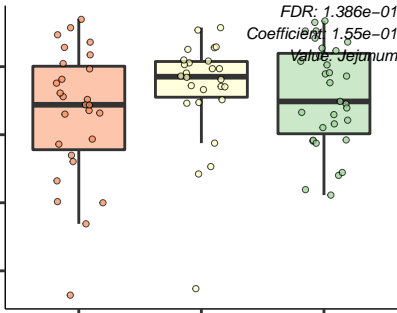
Duodenum (n=44)

Ileum (n=46)

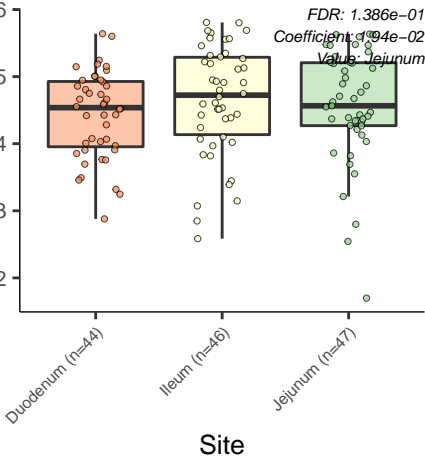
Jejunum (n=47)

Site

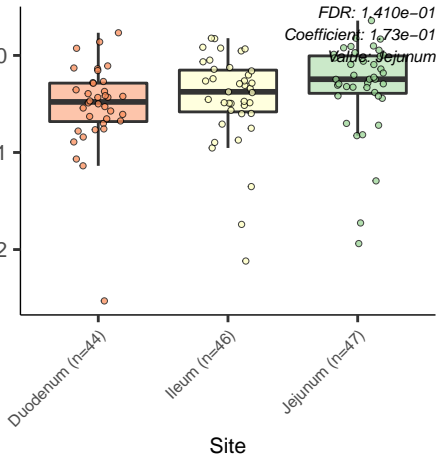
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*Coefficient: 1.55e-01*  
*Value: Jejunum*



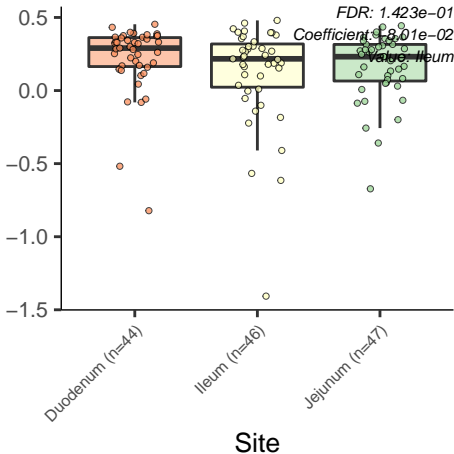
SER.GLYSYN.PWY



HOMOSER.METSYN.PWY

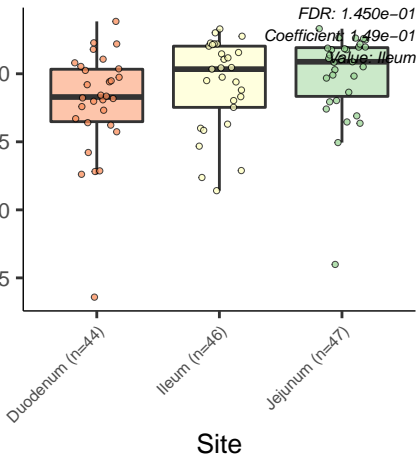


PWY.6507

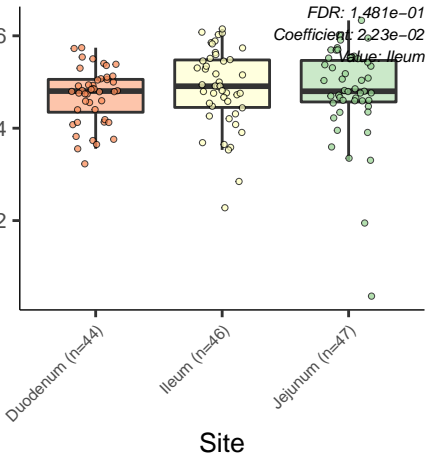




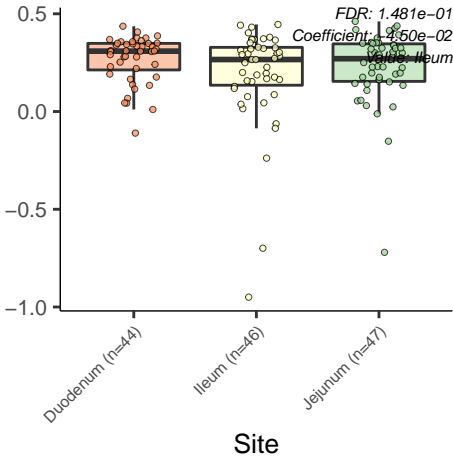
P341.PWY



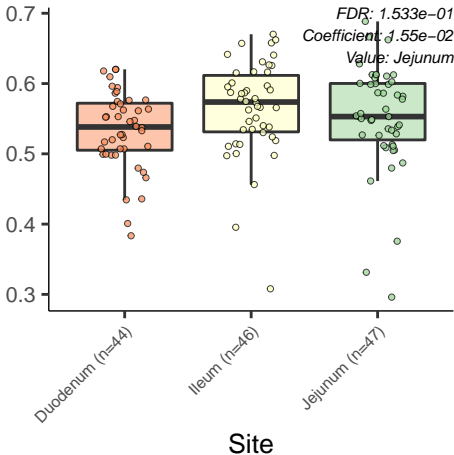
PWY.6737



PWY.6969



NONOXIPENT.PWY



PWY0.1061

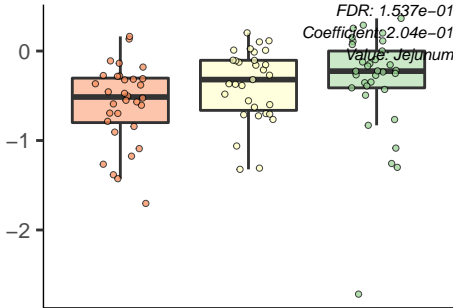
Duodenum (n=44)

Ileum (n=46)

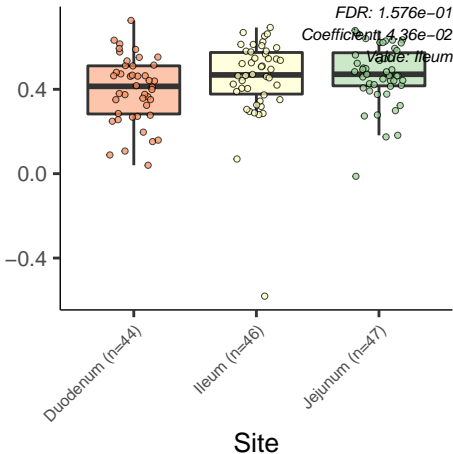
Jejunum (n=47)

Site

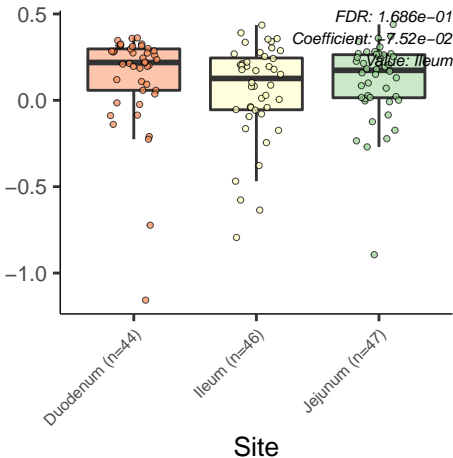
FDR:  $1.537e-01$   
Coefficient:  $2.04e-01$   
Value: Jejunum



PWY.5910



PWY.1269



GLUCONEO.PWY

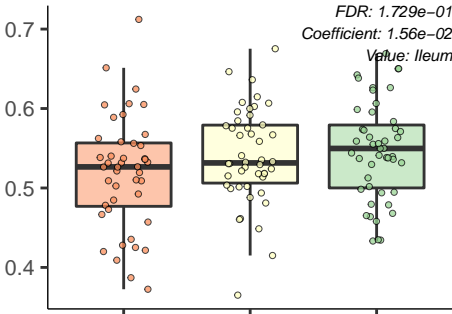
FDR: 1.729e-01  
Coefficient: 1.56e-02  
Value: Ileum

Duodenum (n=44)

Ileum (n=46)

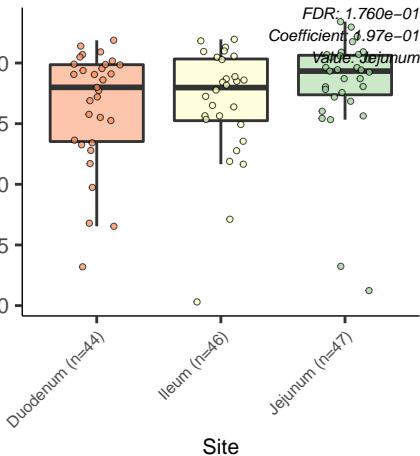
Jejunum (n=47)

Site

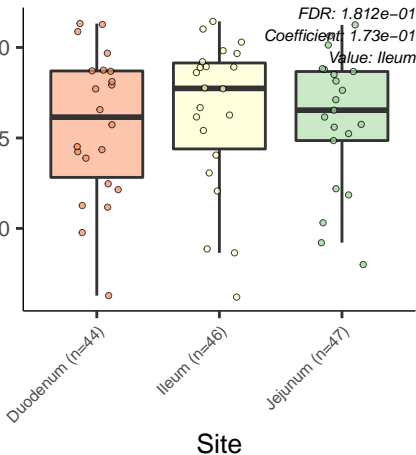




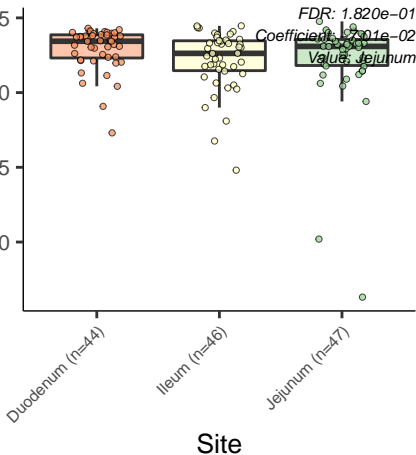
GLYOXYLATE.BYPASS



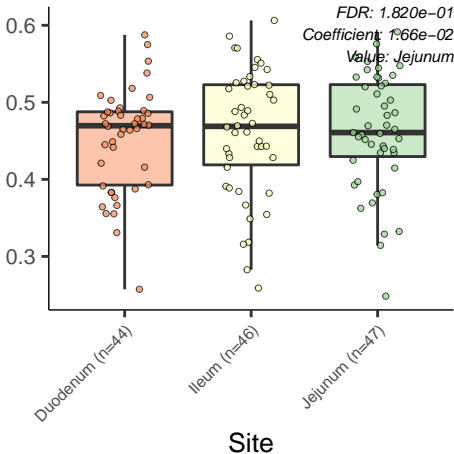
PWY.6895



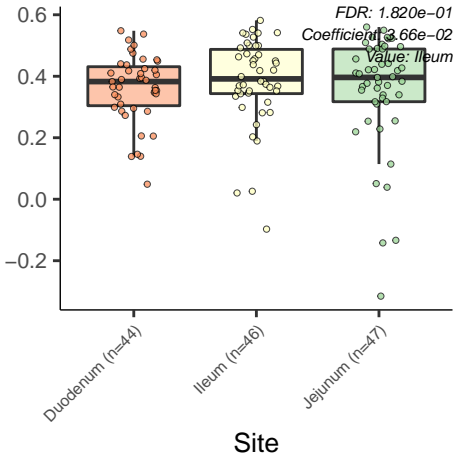
COLANSYN.PWY



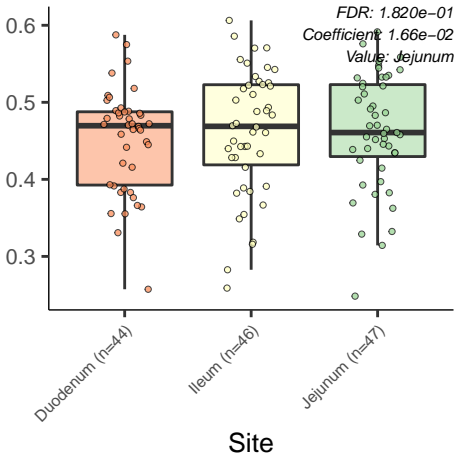
ILEUSYN.PWY



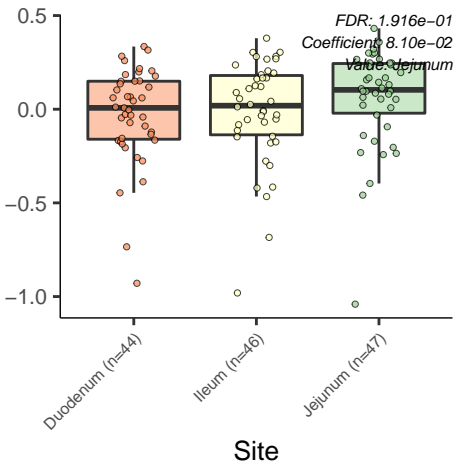
PWY.5505

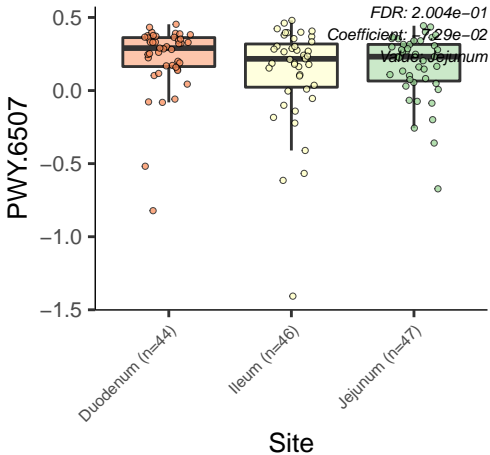


VALSYN.PWY



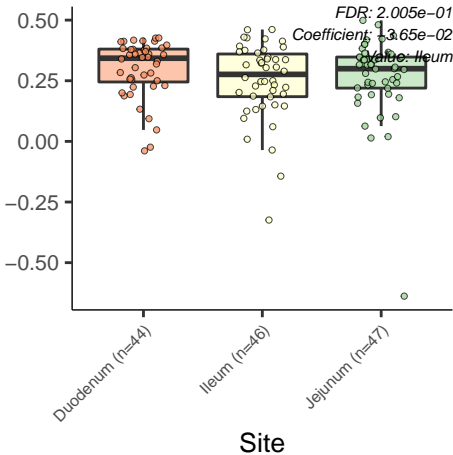
PWY.7328







PANTO.PWY



ILEUSYN.PWY

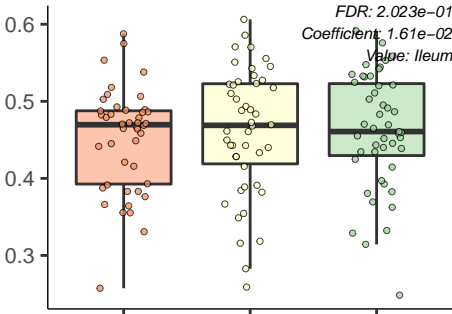
FDR: 2.023e-01  
Coefficient: 1.61e-02  
Value: Ileum

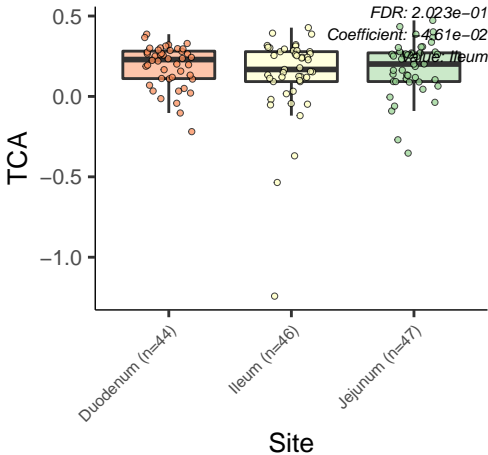
Duodenum (n=44)

Ileum (n=46)

Jejunum (n=47)

Site





VALSYN.PWY

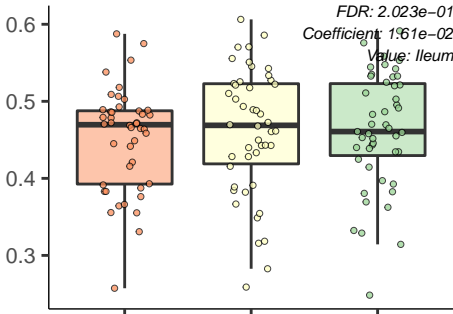
FDR: 2.023e-01  
Coefficient: 1.61e-02  
Value: Ileum

Duodenum (n=44)

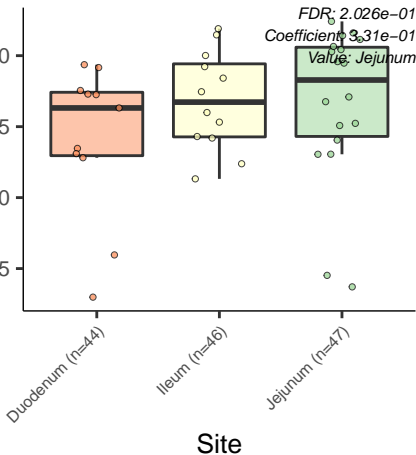
Ileum (n=46)

Jejunum (n=47)

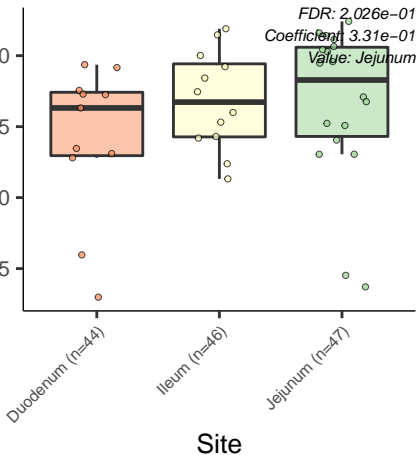
Site



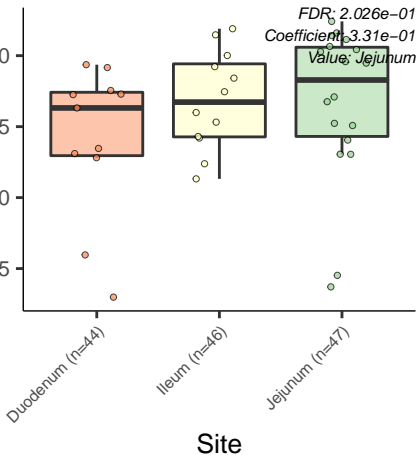
PWY.5897



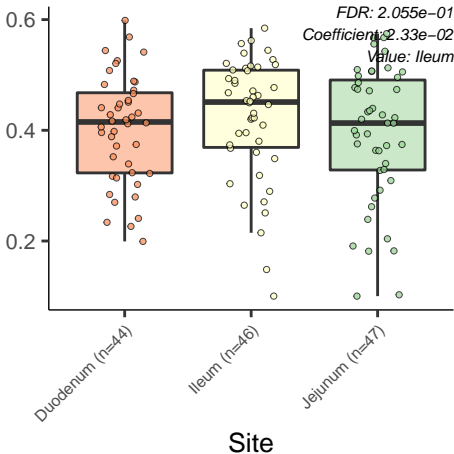
PWY.5898



PWY.5899



ARO.PWY





HEME.BIOSYNTHESIS.II

*FDR: 2.075e-01*  
*Coefficient: 2.98e-01*  
*Value: Ileum*

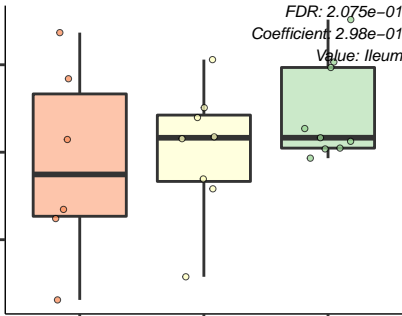
Duodenum (n=44)

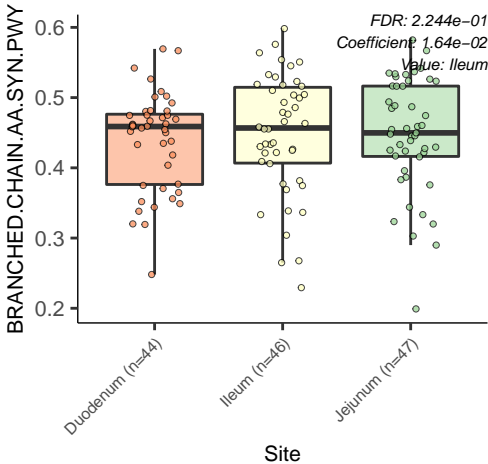
Ileum (n=46)

Jejunum (n=47)

Site

0.0  
-0.5  
-1.0





ANAEROFRUCAT.PWY

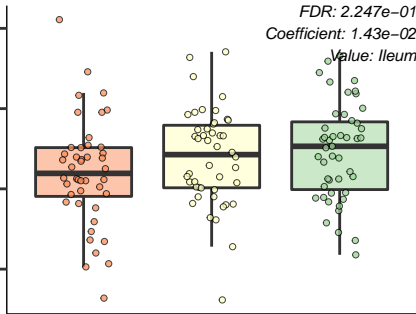
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Coefficient: 1.43e-02  
Value: Ileum

Duodenum (n=44)

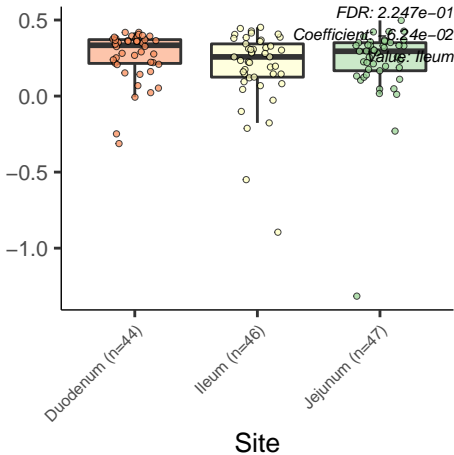
Ileum (n=46)

Jejunum (n=47)

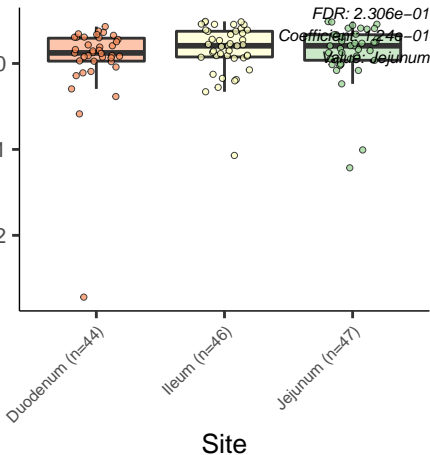
Site



THISYN.PWY



PWY490.3



TRPSYN.PWY

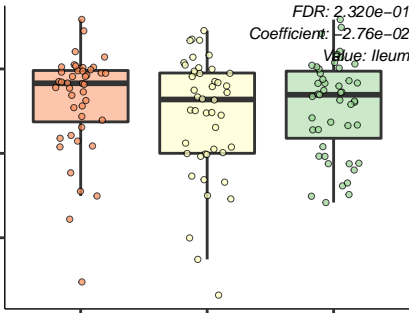
FDR: 2.320e-01  
Coefficient: -2.76e-02  
Value: Ileum

Duodenum (n=44)

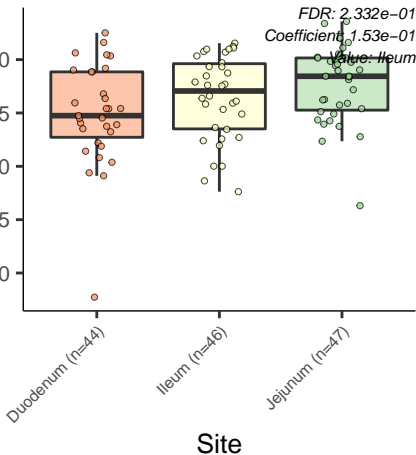
Ileum (n=46)

Jejunum (n=47)

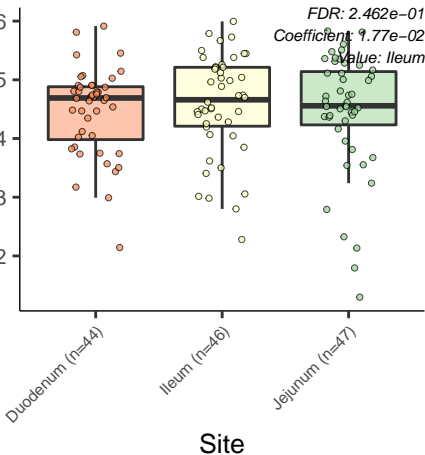
Site



HSERMETANA.PWY

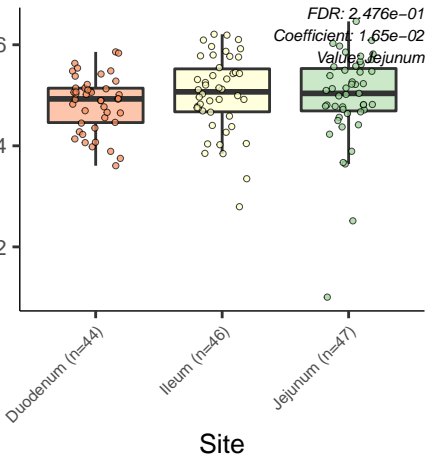


PWY.5104





GLYCOCAT.PWY



PWY.6703

