

OANTIGEN.PWY

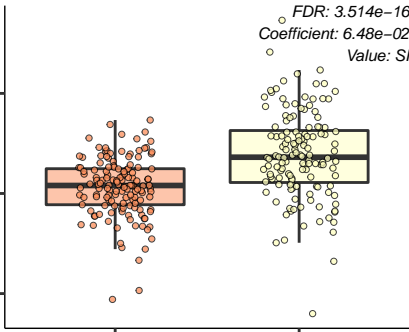
FDR: 3.514e-16
Coefficient: 6.48e-02
Value: SI

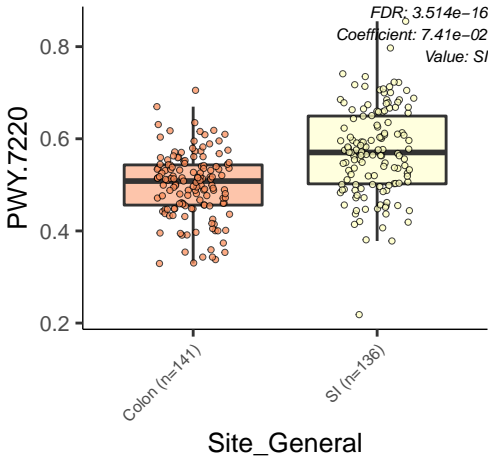
0.6
0.4
0.2

Colon (n=141)

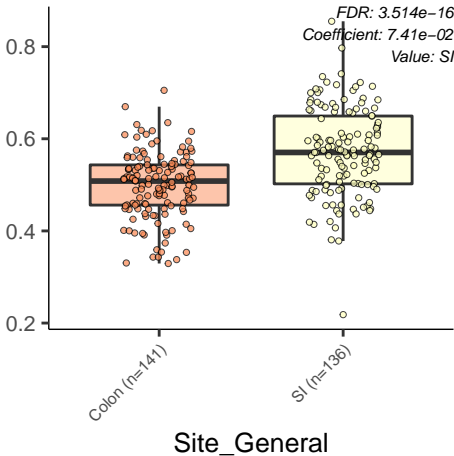
SI (n=136)

Site_General





PWY.7222



PWY0.1297

0.6

0.4

0.2

Colon (n=141)

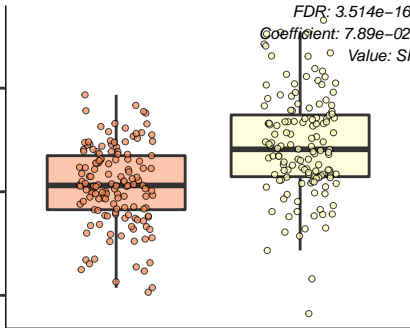
SI (n=136)

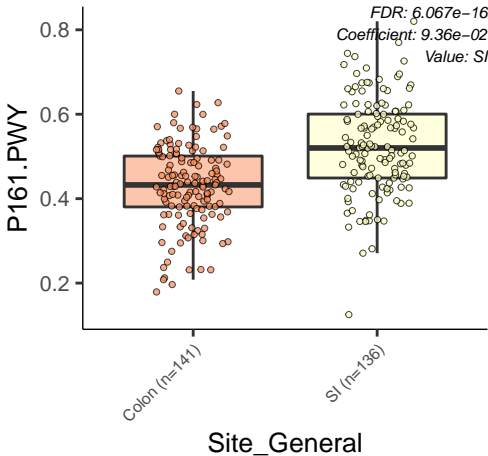
Site_General

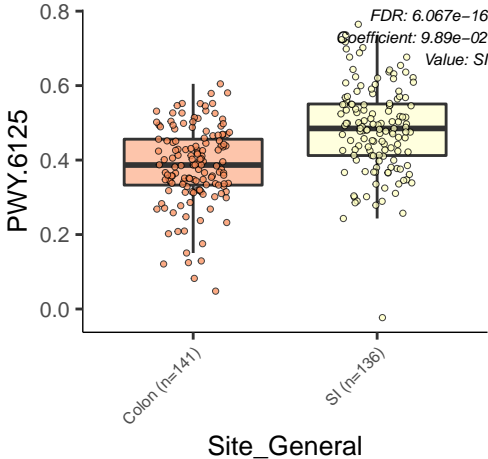
FDR: $3.514e-16$

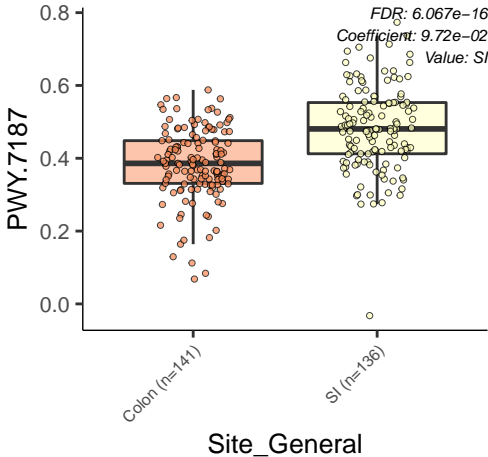
Coefficient: $7.89e-02$

Value: SI

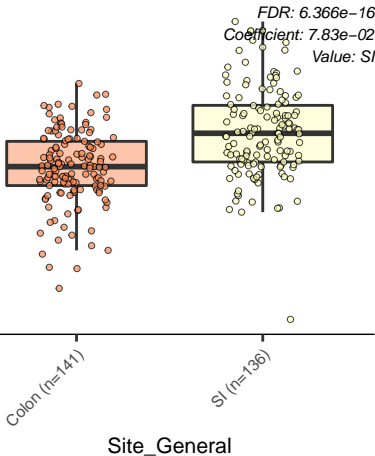


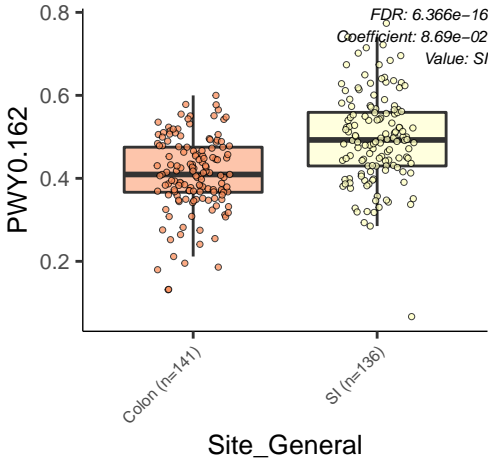


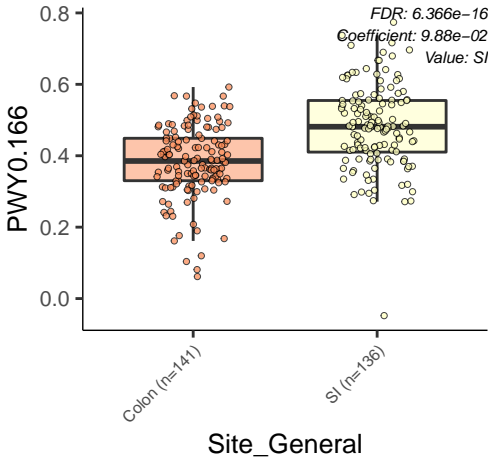




DENOVOPURINE2.PWY







PWY.7228

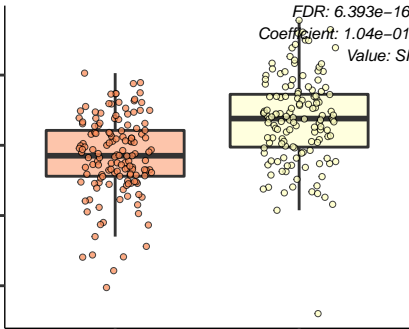
Colon (n=141)

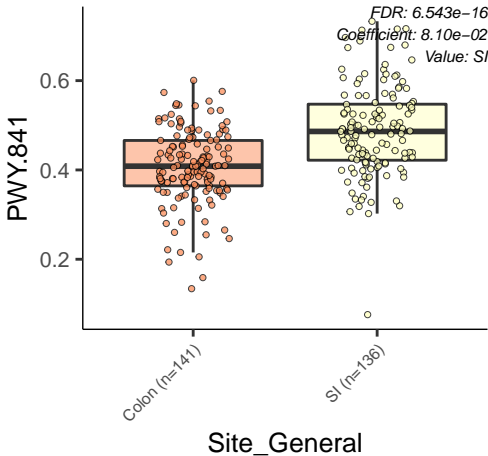
SI (n=136)

Site_General

FDR: $6.393e-16$
Coefficient: $1.04e-01$
Value: SI

0.6
0.4
0.2
0.0





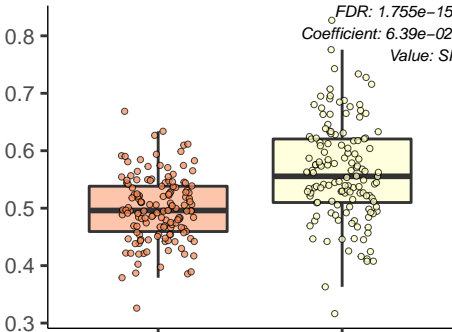
PWY.5100

FDR: 1.755e-15
Coefficient: 6.39e-02
Value: SI

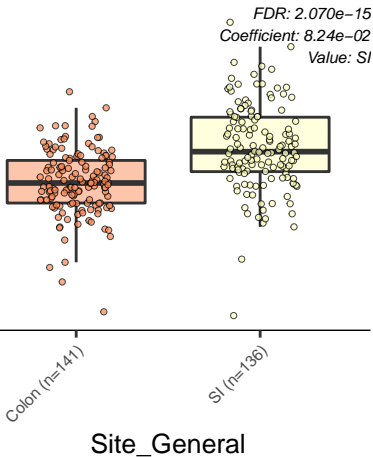
Colon (n=141)

SI (n=136)

Site_General



UDPNAGSYN.PWY



GLYCOLYSIS.E.D

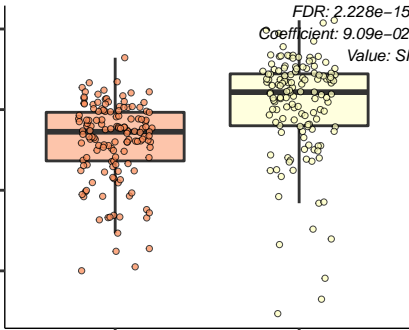
0.6
0.4
0.2
0.0

Colon (n=141)

SI (n=136)

Site_General

FDR: 2.228×10^{-15}
Coefficient: 9.09×10^{-2}
Value: SI



TEICHOICACID.PWY

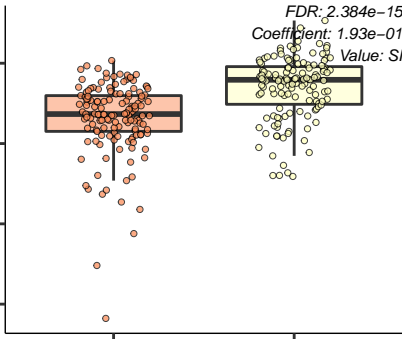
0.5
0.0
-0.5
-1.0

Colon (n=141)

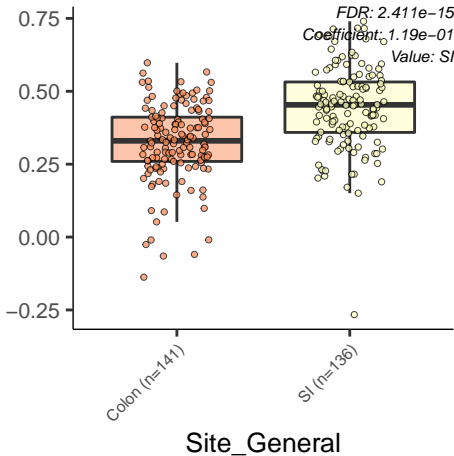
SI (n=136)

Site_General

FDR: 2.384e-15
Coefficient: 1.93e-01
Value: SI



PWY.7184



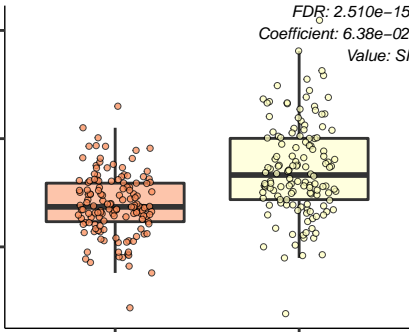
PWY.7221

FDR: 2.510e-15
Coefficient: 6.38e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



POLYISOPRENSYN.PWY

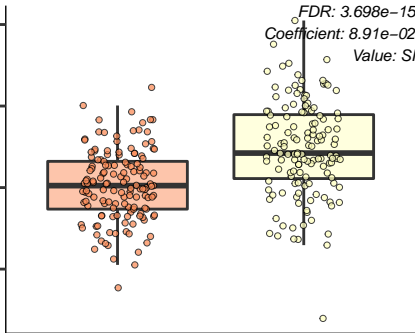
0.8
0.6
0.4
0.2

Colon (n=141)

SI (n=136)

Site_General

FDR: $3.698e-15$
Coefficient: $8.91e-02$
Value: SI



PWY.7229

0.8

0.6

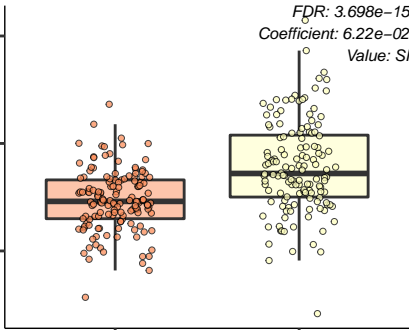
0.4

Colon (n=141)

SI (n=136)

Site_General

FDR: $3.698e-15$
Coefficient: $6.22e-02$
Value: SI



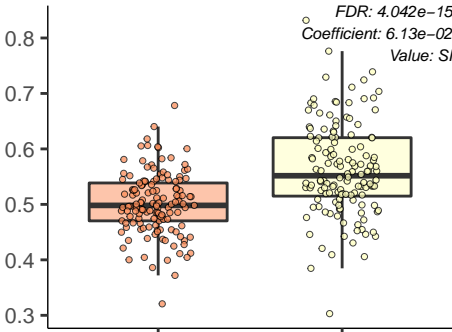
PWY.7208

FDR: 4.042e-15
Coefficient: 6.13e-02
Value: SI

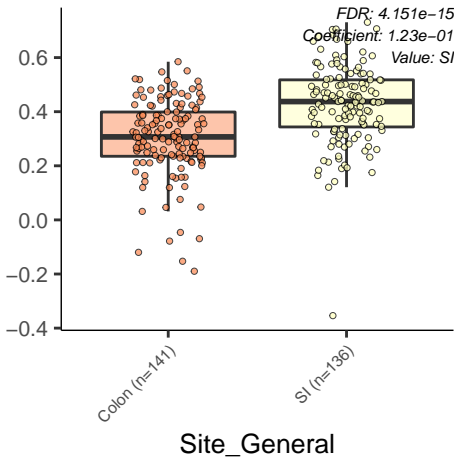
Colon (n=141)

SI (n=136)

Site_General



PWY.7197



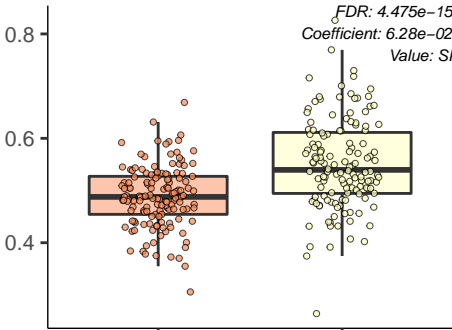
PWY.6126

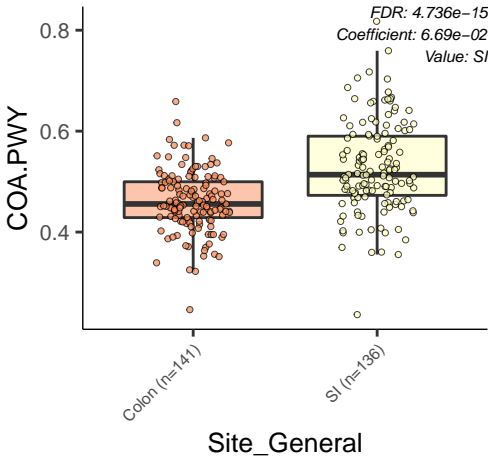
Colon (n=141)

SI (n=136)

Site_General

FDR: $4.475e-15$
Coefficient: $6.28e-02$
Value: SI





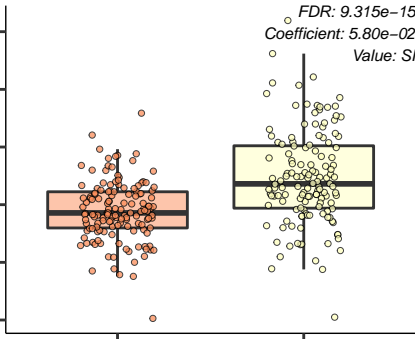
ANAGLYCOLYSIS.PWY

FDR: 9.315e-15
Coefficient: 5.80e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



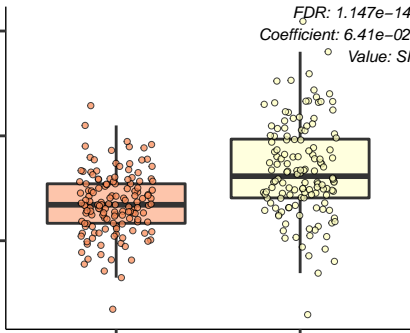
PWY.6317

FDR: 1.147e-14
Coefficient: 6.41e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



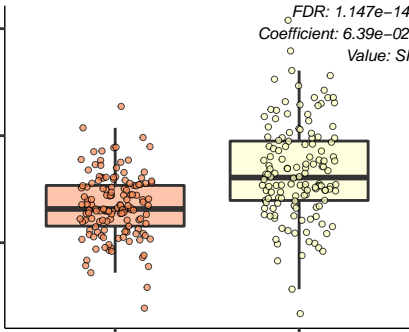
PWY4FS.7

FDR: 1.147e-14
Coefficient: 6.39e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



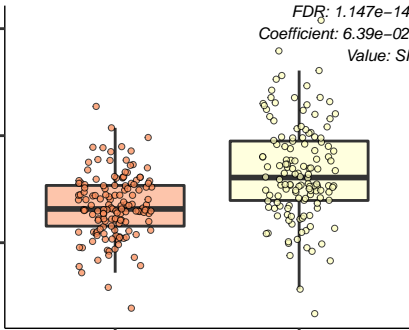
PWY4FS.8

FDR: 1.147e-14
Coefficient: 6.39e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



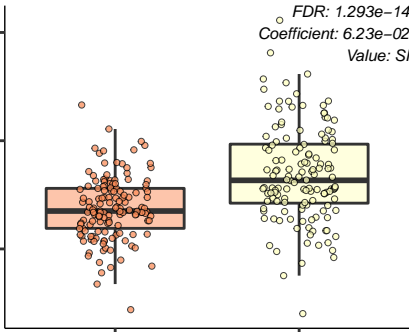
PHOSLIPSYN.PWY

FDR: 1.293e-14
Coefficient: 6.23e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



PWY.6151

0.6

0.4

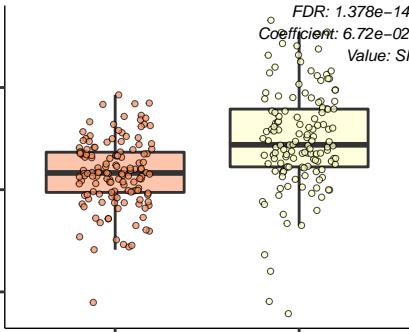
0.2

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.378×10^{-14}
Coefficient: 6.72×10^{-2}
Value: SI



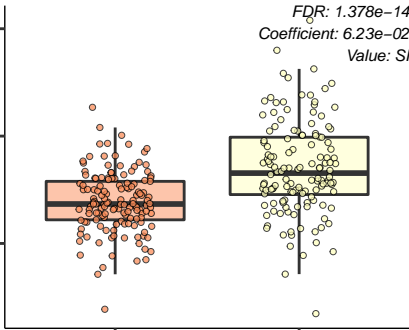
PWY.6387

FDR: 1.378e-14
Coefficient: 6.23e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



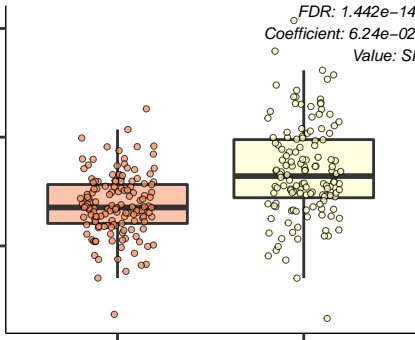
PEPTIDOGLYCANSYN.PWY

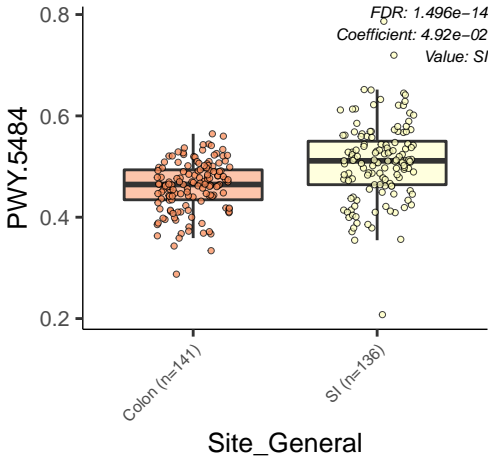
FDR: $1.442e-14$
Coefficient: $6.24e-02$
Value: SI

Colon (n=141)

SI (n=136)

Site_General





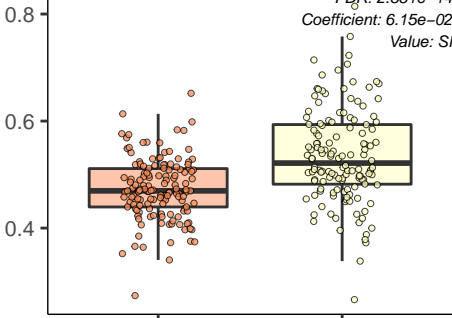
PWY.6385

Colon (n=141)

SI (n=136)

Site_General

FDR: $2.881e-14$
Coefficient: $6.15e-02$
Value: SI



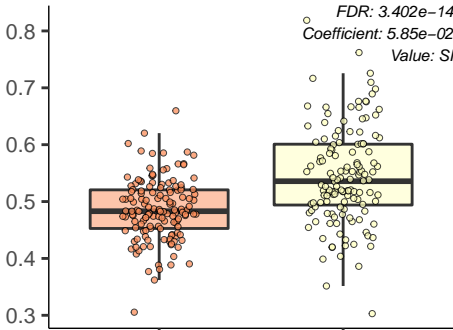
PWY.5667

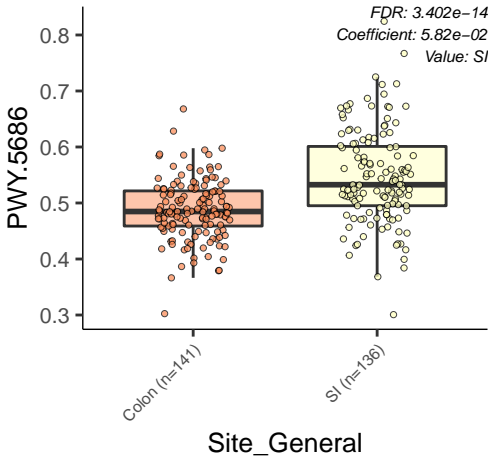
FDR: 3.402e-14
Coefficient: 5.85e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General





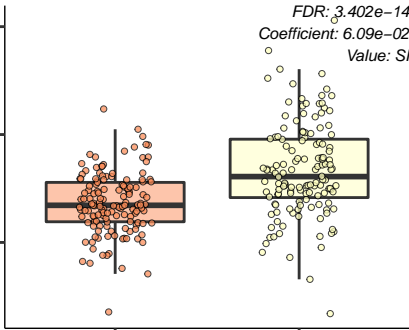
PWY.6386

FDR: 3.402e-14
Coefficient: 6.09e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



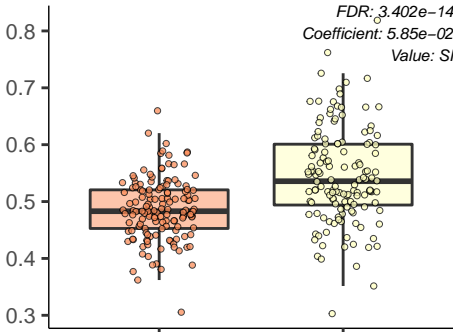
PWY0.1319

FDR: 3.402e-14
Coefficient: 5.85e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



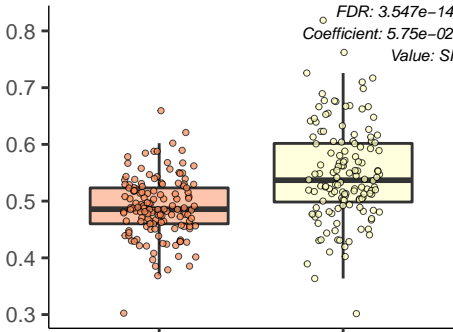
PWY.7219

FDR: 3.547e-14
Coefficient: 5.75e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



FASYN.ELONG.PWY

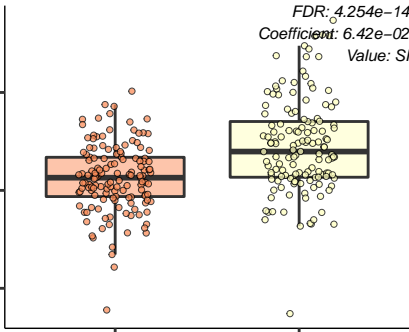
0.6
0.4
0.2

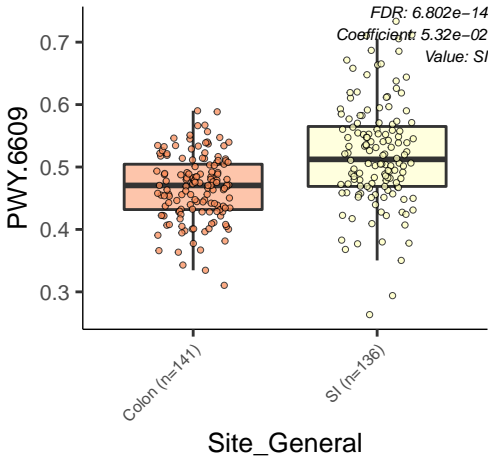
Colon (n=141)

SI (n=136)

Site_General

FDR: $4.254e-14$
Coefficient: $6.42e-02$
Value: SI





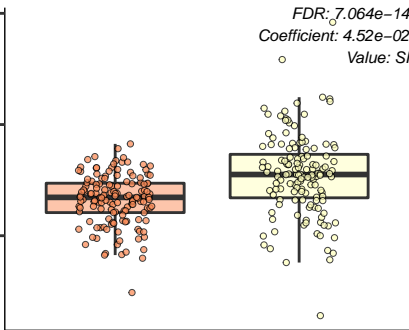
GLYCOLYSIS

FDR: 7.064e-14
Coefficient: 4.52e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



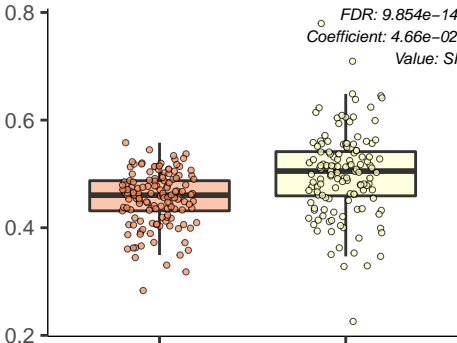
ANAEROFRUCAT.PWY

FDR: 9.854e-14
Coefficient: 4.66e-02
Value: SI

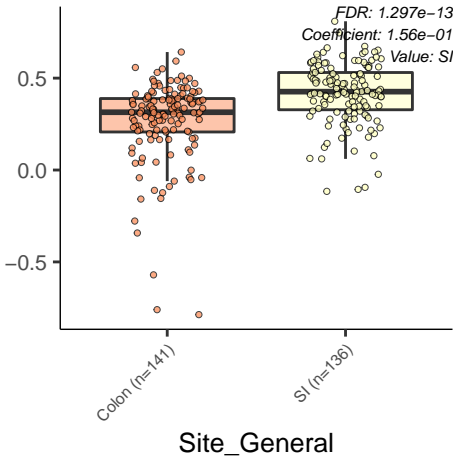
Colon (n=141)

SI (n=136)

Site_General



PWY.5910



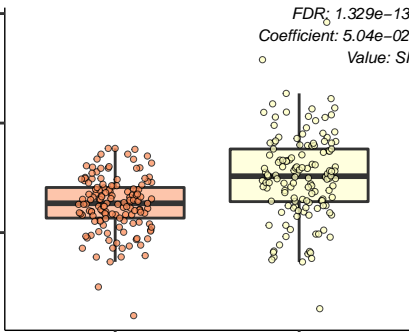
GLUCONEO.PWY

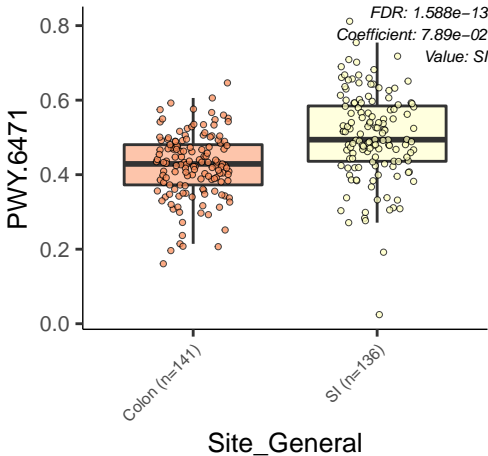
FDR: 1.329e-13
Coefficient: 5.04e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General





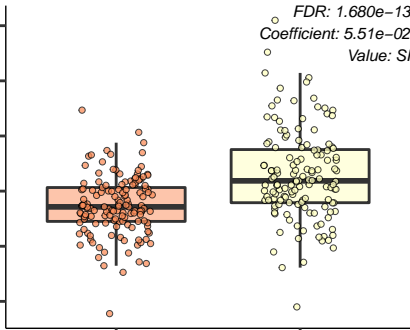
PWY.2942

FDR: 1.680e-13
Coefficient: 5.51e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



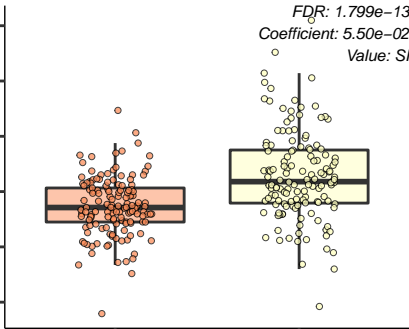
PWY.5097

FDR: 1.799e-13
Coefficient: 5.50e-02
Value: SI

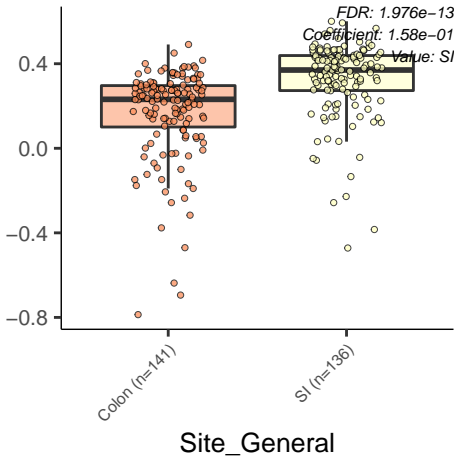
Colon (n=141)

SI (n=136)

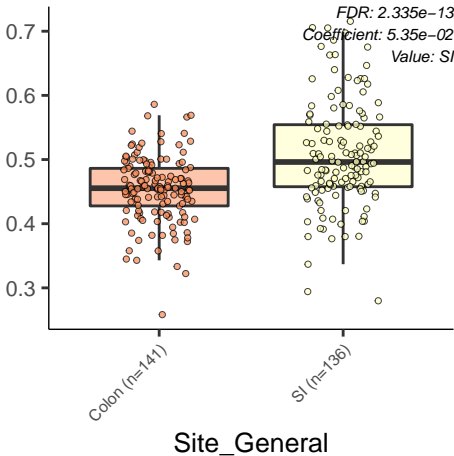
Site_General



P461.PWY



THRESYN.PWY



PWY.6123

FDR: 2.434e-13

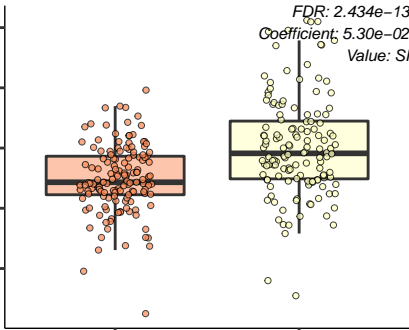
Coefficient: 5.30e-02

Value: SI

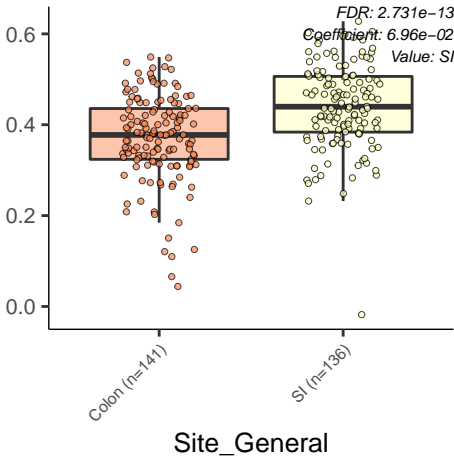
Colon (n=141)

SI (n=136)

Site_General



PWY.7196



PWY0.1296

Colon (n=141)

SI (n=136)

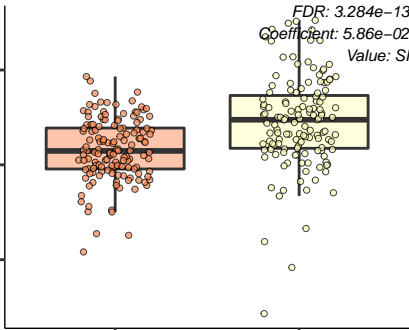
Site_General

FDR: $3.284e-13$
Coefficient: $5.86e-02$
Value: SI

0.6

0.4

0.2



PWY0.1298

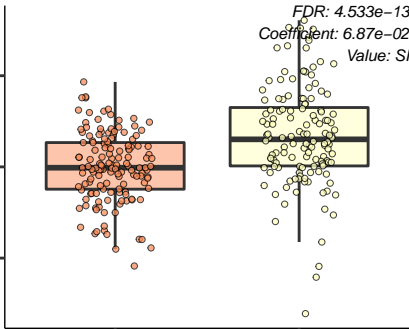
0.6
0.4
0.2

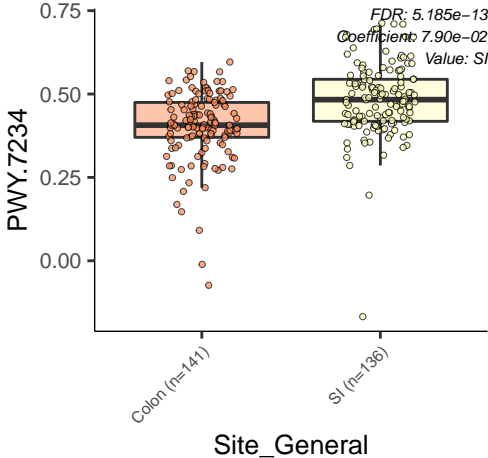
Colon (n=141)

SI (n=136)

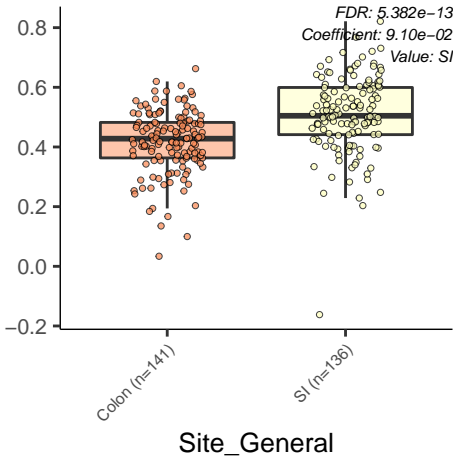
Site_General

FDR: $4.533e-13$
Coefficient: $6.87e-02$
Value: SI





P124.PWY



PWY.7663

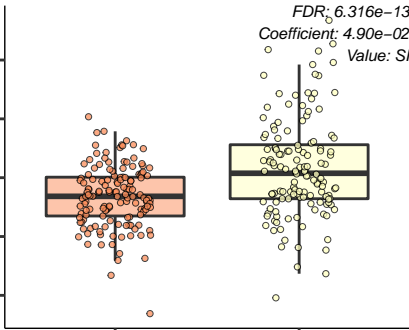
Colon (n=141)

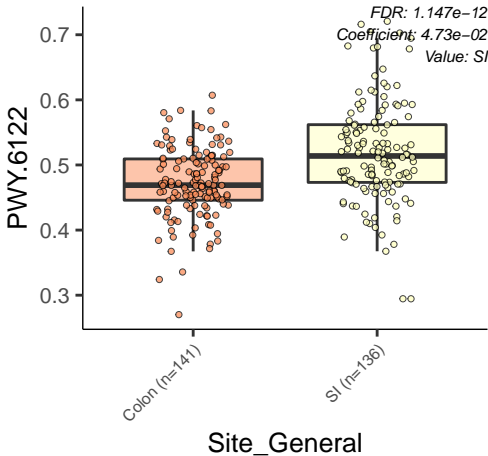
SI (n=136)

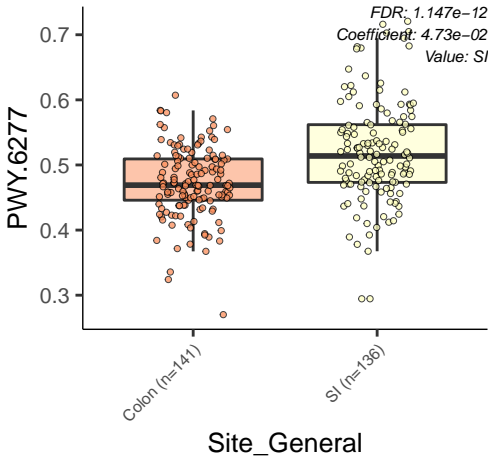
Site_General

FDR: 6.316×10^{-13}
Coefficient: 4.90×10^{-2}
Value: SI

0.7
0.6
0.5
0.4
0.3







PWY.922

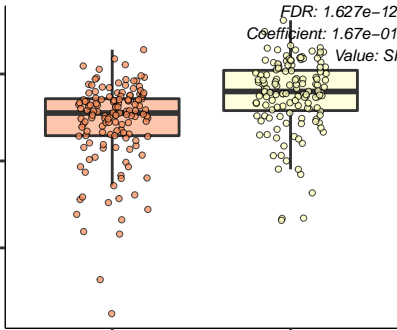
0.5
0.0
-0.5

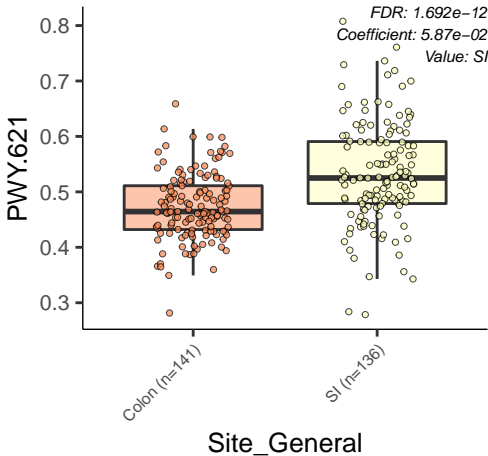
Colon (n=141)

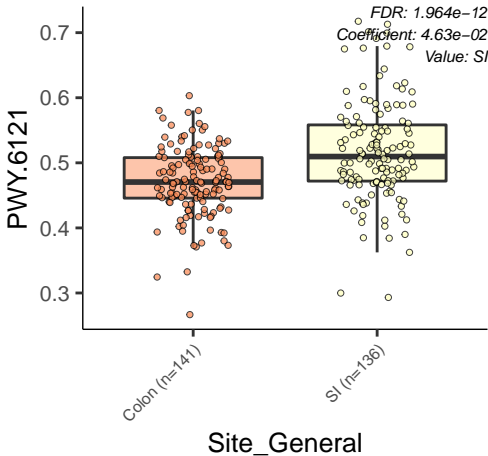
SI (n=136)

Site_General

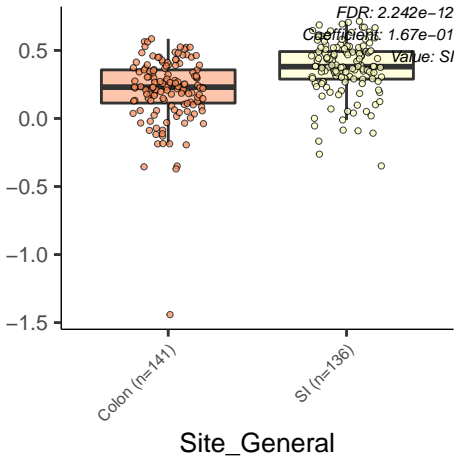
FDR: 1.627×10^{-12}
Coefficient: 1.67×10^{-01}
Value: SI

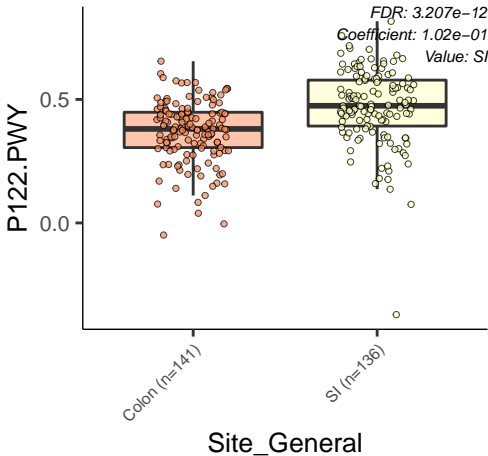




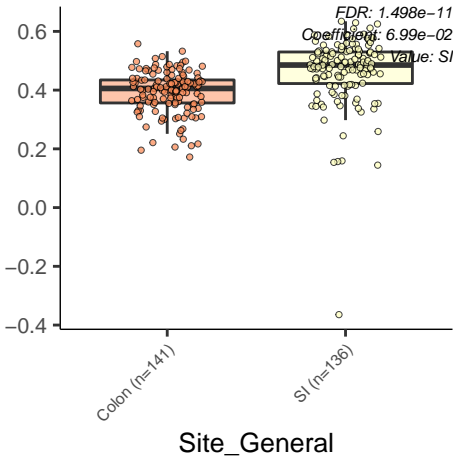


LACTOSECAT.PWY





P441.PWY



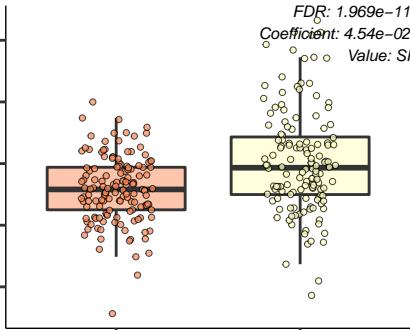
PWY.5973

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.969e-11
Coefficient: 4.54e-02
Value: SI



GLCMANNAUT.PWY

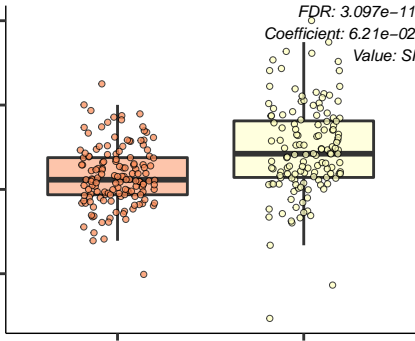
0.8
0.6
0.4
0.2

Colon (n=141)

SI (n=136)

Site_General

FDR: $3.097e-11$
Coefficient: $6.21e-02$
Value: SI



PWY.7377

FDR: $4.671e-11$

Coefficient: $3.62e-01$

Value: SI

0

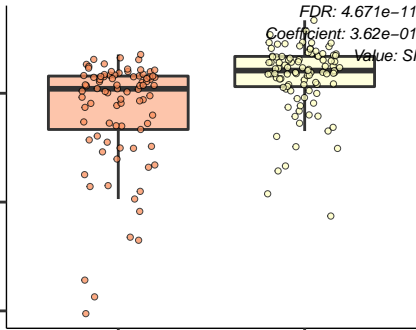
-1

-2

Colon (n=141)

SI (n=136)

Site_General



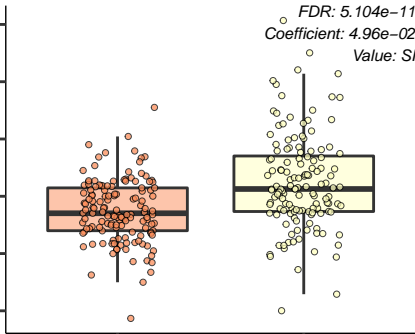
GLYCOGENSYNTH.PWY

FDR: 5.104e-11
Coefficient: 4.96e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



PWY0.1586

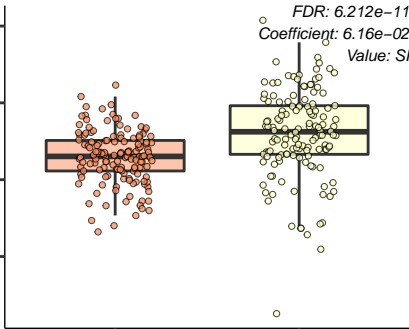
0.8
0.6
0.4
0.2

Colon (n=141)

SI (n=136)

Site_General

FDR: 6.212×10^{-11}
Coefficient: 6.16×10^{-2}
Value: SI



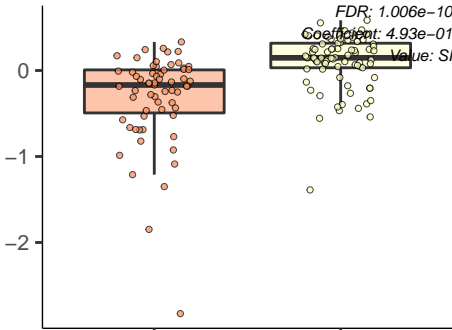
GOLPDL CAT.PWY

Colon (n=141)

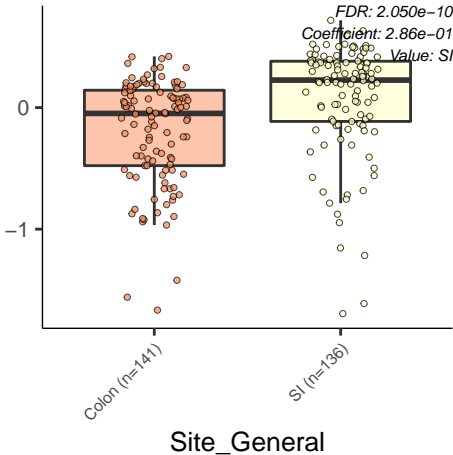
SI (n=136)

Site_General

FDR: $1.006e-10$
Coefficient: $4.93e-01$
Value: SI



PWY.5384



TRNA.CHARGING.PWY

0.6
0.5
0.4
0.3

Colon (n=141)

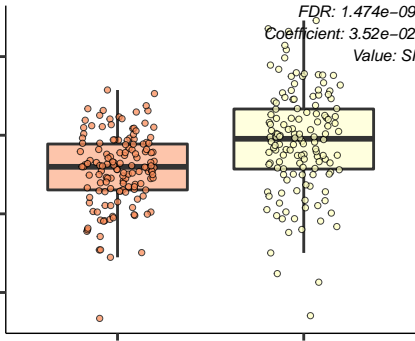
SI (n=136)

Site_General

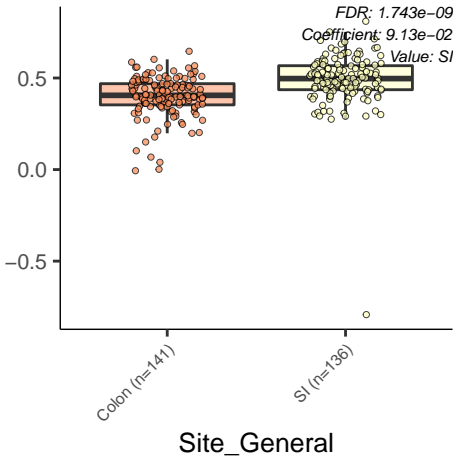
FDR: 1.474e-09

Coefficient: 3.52e-02

Value: SI



PWY.2941



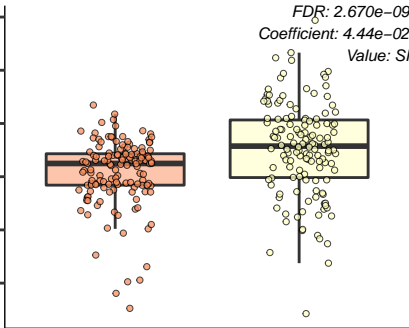
DTDPRHMSYN.PWY

FDR: 2.670e-09
Coefficient: 4.44e-02
Value: SI

Colon (n=141)

SI (n=136)

Site_General



PWY.7013

FDR: 1.295e-08

Coefficient: 2.92e-01

Value: SI

0

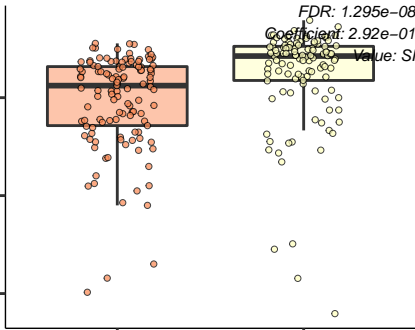
-1

-2

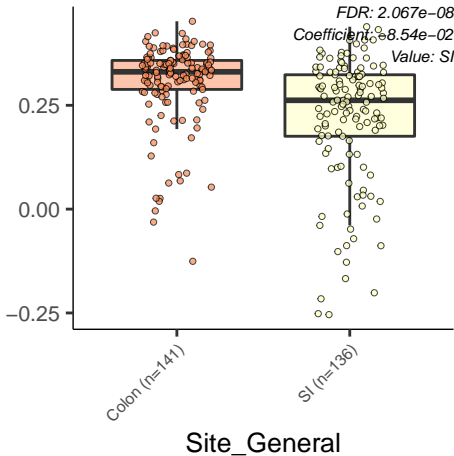
Colon (n=141)

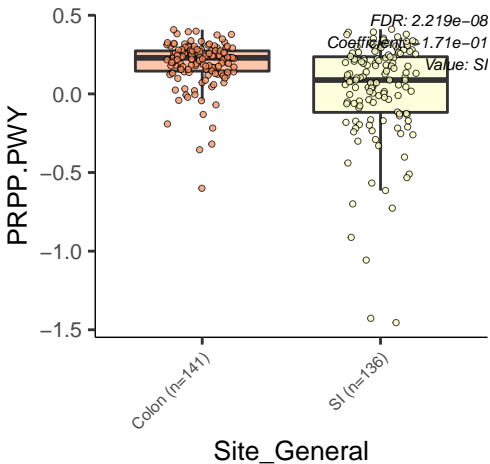
SI (n=136)

Site_General



PWY.5659





ARG.POLYAMINE.SYN

FDR: $3.212e-08$

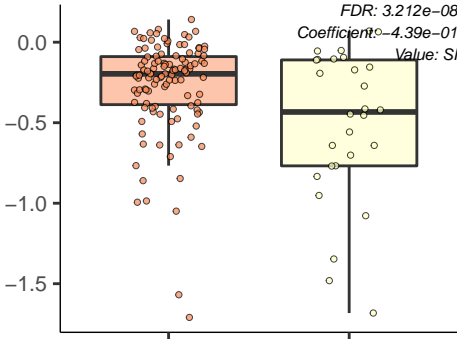
Coefficient: $-4.39e-01$

Value: SI

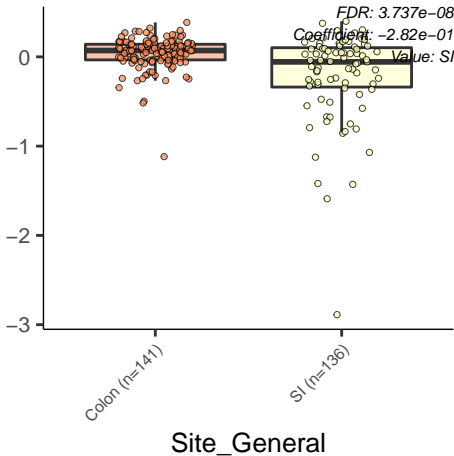
Colon (n=141)

SI (n=136)

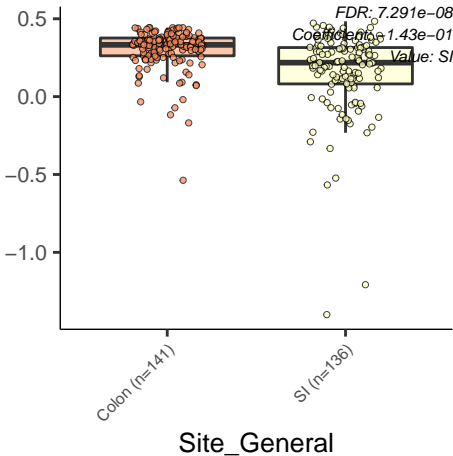
Site_General



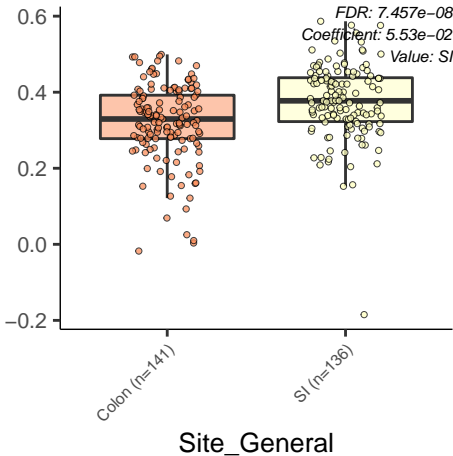
PWY.6901



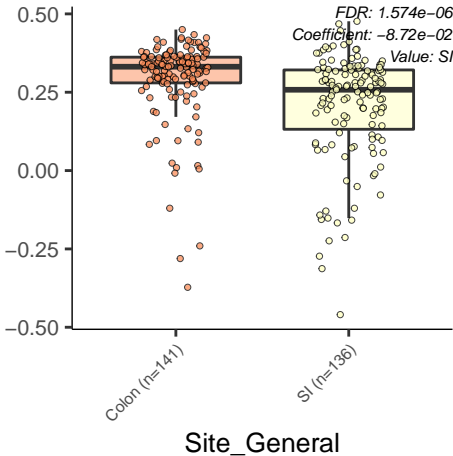
PYRIDNUCSAL.PWY



PWY.7200



TRPSYN.PWY



PWY.6969

0.0

-0.5

-1.0

Colon (n=141)

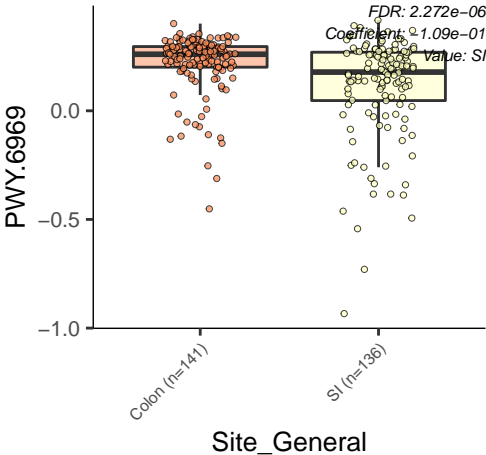
SI (n=136)

Site_General

FDR: 2.272e-06

Coefficient: -1.09e-01

Value: SI



PWY.5695

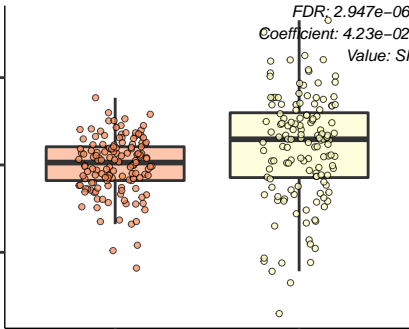
Colon (n=141)

SI (n=136)

Site_General

FDR: 2.947×10^{-6}
Coefficient: 4.23×10^{-2}
Value: SI

0.6
0.4
0.2



DAPLYSINESYN.PWY

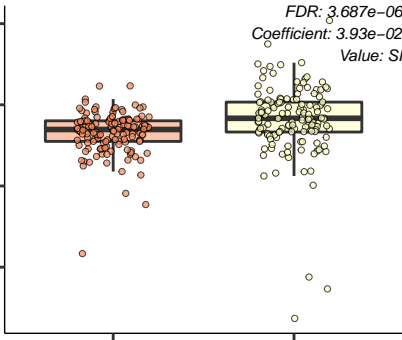
0.75
0.50
0.25
0.00

Colon (n=141)

SI (n=136)

Site_General

FDR: 3.687e-06
Coefficient: 3.93e-02
Value: SI



PWY.6263

Colon (n=141)

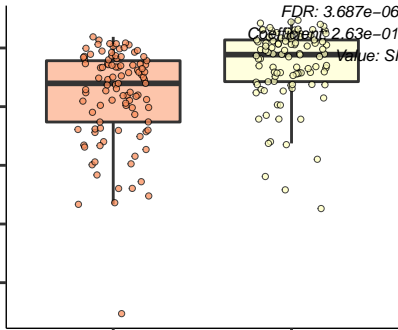
SI (n=136)

Site_General

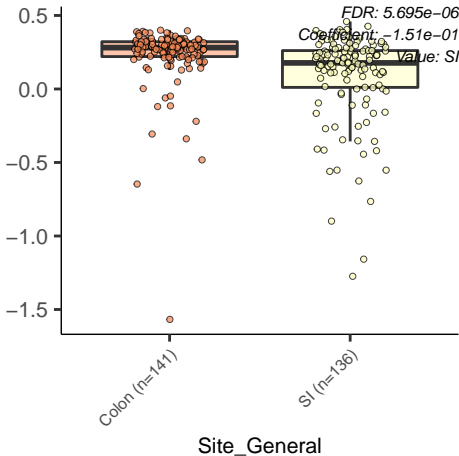
FDR: 3.687e-06

Coefficient: 2.63e-01

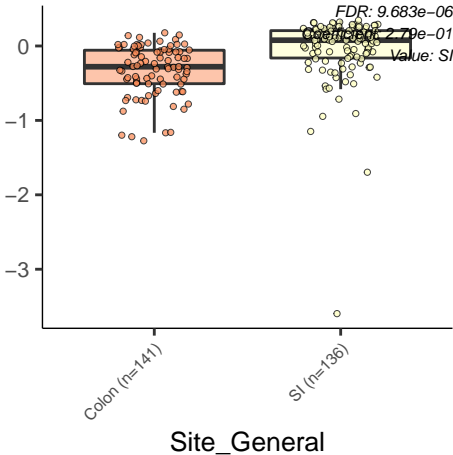
Value: SI



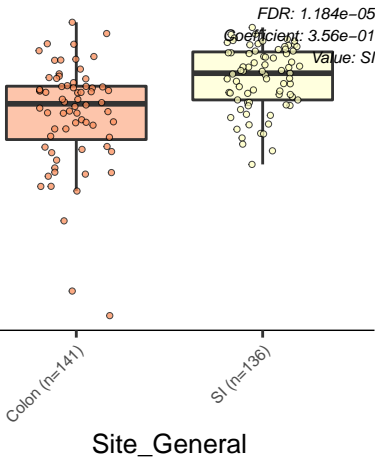
GALACTUROCAT.PWY



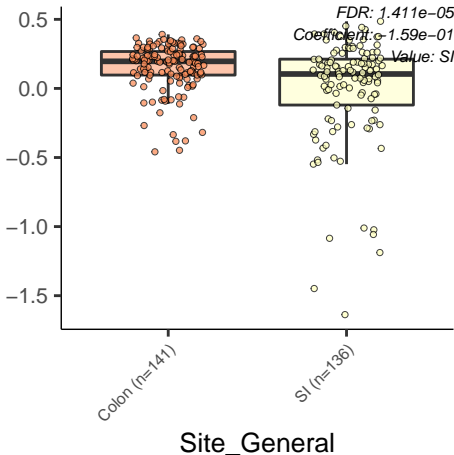
PWY.3781



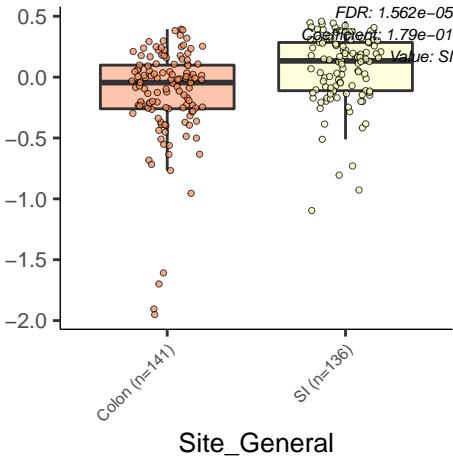
SO4ASSIM.PWY



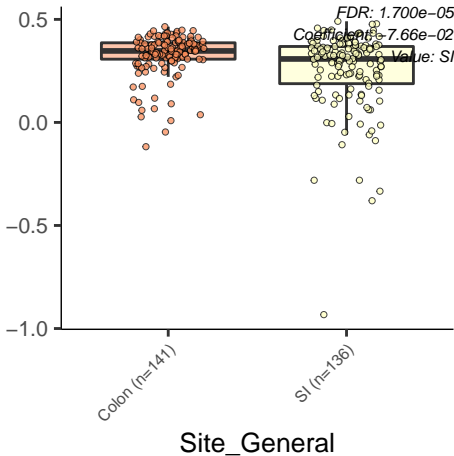
PWY.6353



PWY490.3



P42.PWY



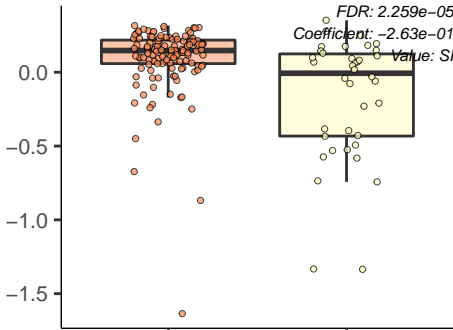
PWY.7003

Colon (n=141)

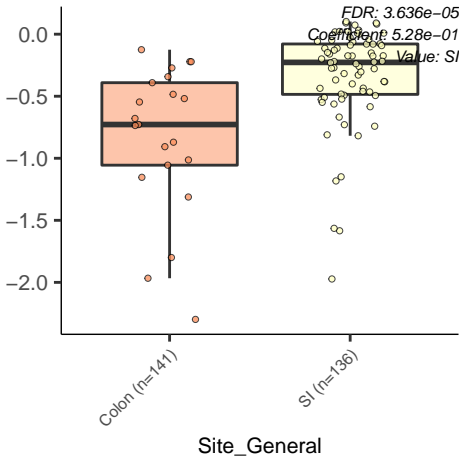
SI (n=136)

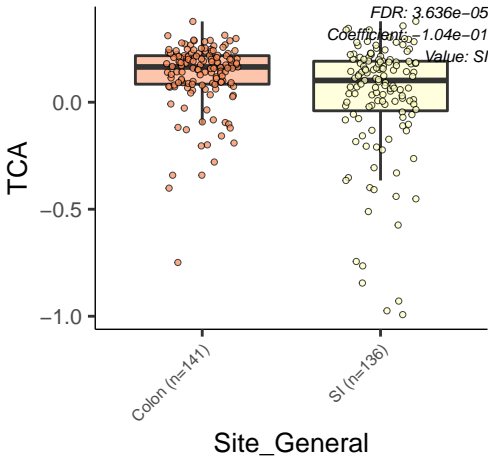
Site_General

FDR: 2.259e-05
Coefficient: -2.63e-01
Value: SI



GLYOXYLATE.BYPASS





PWY.7211

FDR: $8.729e-05$

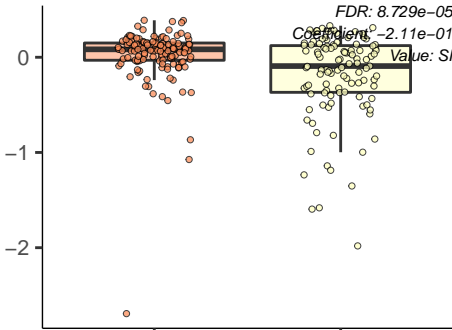
Coefficient: $-2.11e-01$

Value: SI

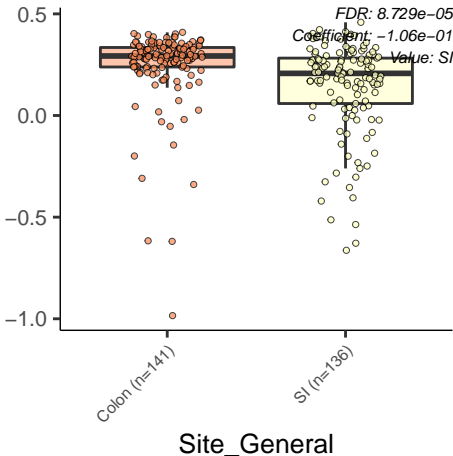
Colon (n=141)

SI (n=136)

Site_General



PWY.7242



PWY.6897

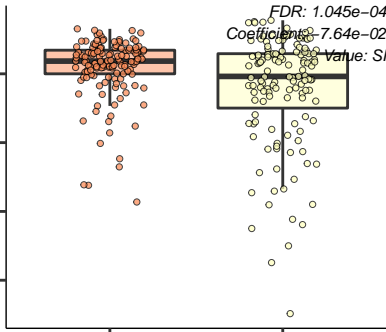
0.25
0.00
-0.25
-0.50

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.045×10^{-4}
Coefficient: -7.64×10^{-2}
Value: SI



NONOXIPENT.PWY

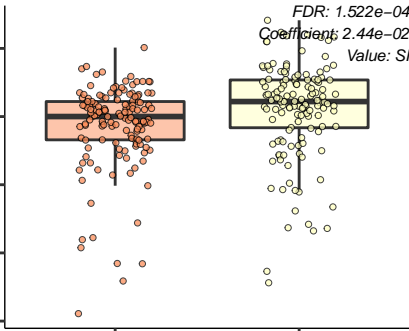
0.6
0.5
0.4
0.3
0.2

Colon (n=141)

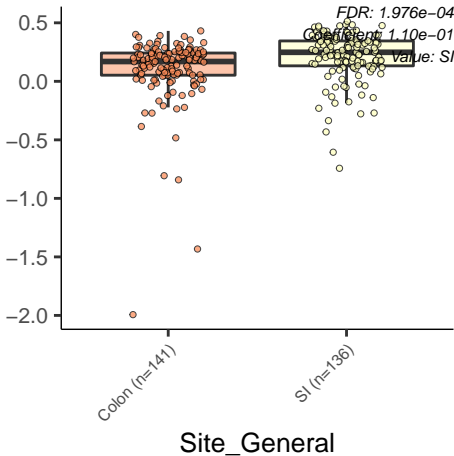
SI (n=136)

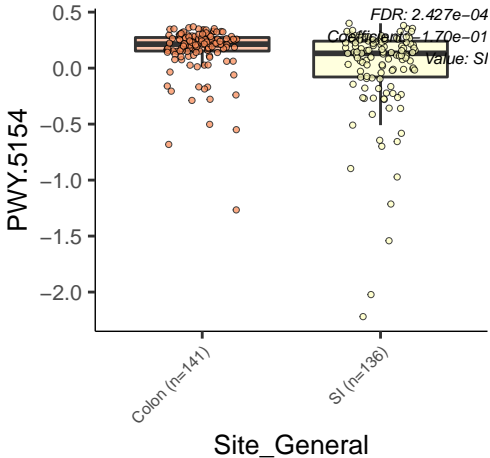
Site_General

FDR: 1.522e-04
Coefficient: 2.44e-02
Value: SI



RUMP.PWY





HEXITOLDEGSUPER.PWY

FDR: 2.512e-04

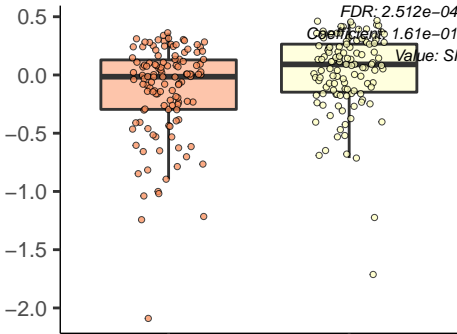
Coefficient: 1.61e-01

Value: SI

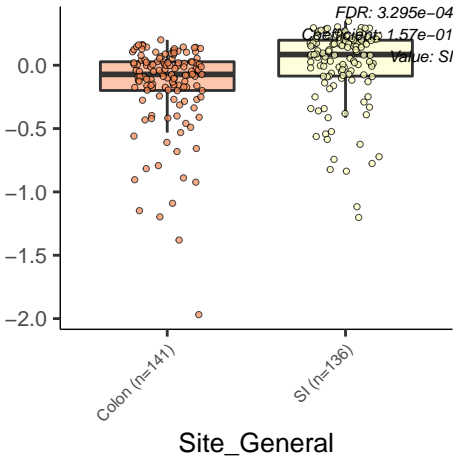
Colon (n=141)

SI (n=136)

Site_General



PWY.6545



PWY0.1261

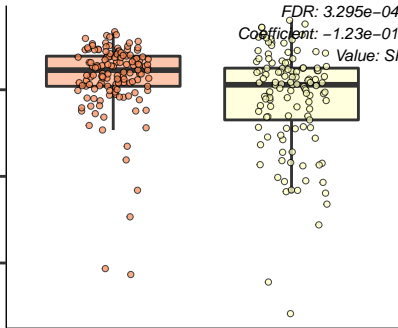
0.0
-0.5
-1.0

Colon (n=141)

SI (n=136)

Site_General

FDR: 3.295e-04
Coefficient: -1.23e-01
Value: SI



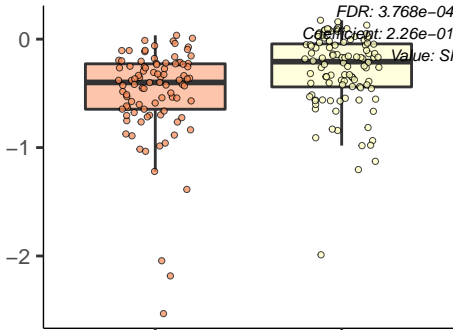
PWY.5022

Colon (n=141)

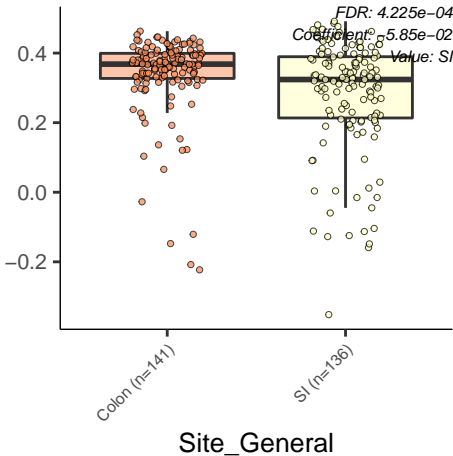
SI (n=136)

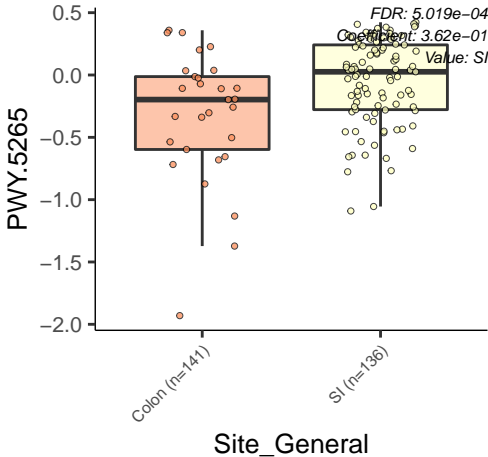
Site_General

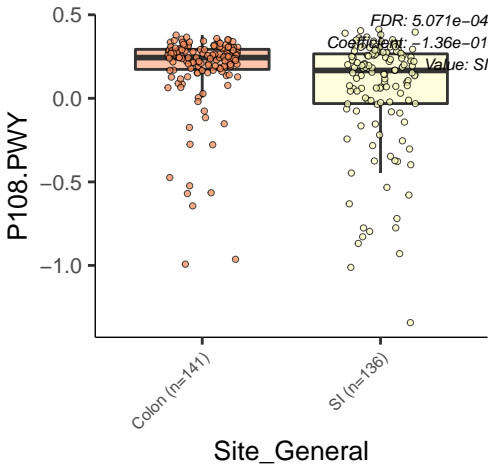
FDR: $3.768e-04$
Coefficient: $2.26e-01$
Value: SI

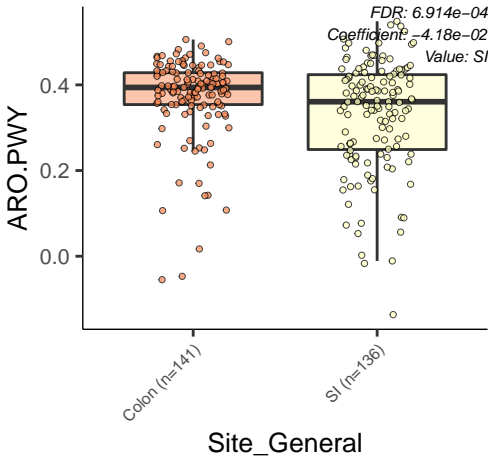


HISTSYN.PWY









SALVADEHYPOX.PWY

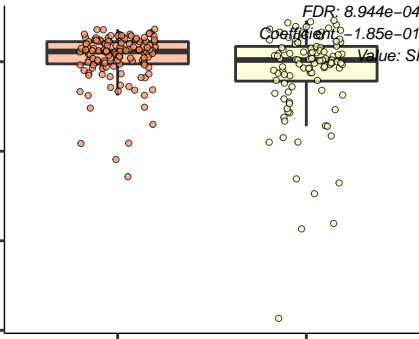
0
-1
-2
-3

Colon (n=141)

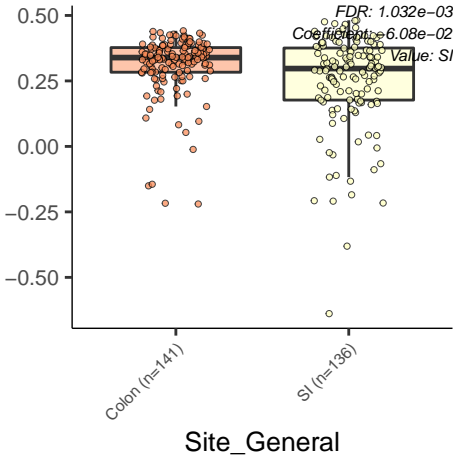
SI (n=136)

Site_General

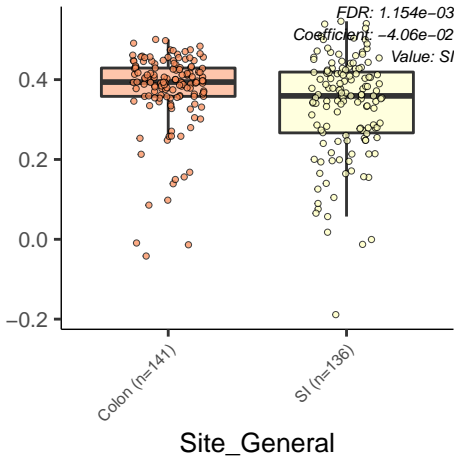
FDR: $8.944e-04$
Coefficient: $-1.85e-01$
Value: SI



GLUTORN.PWY



PWY.6163



COMPLETE.ARO.PWY

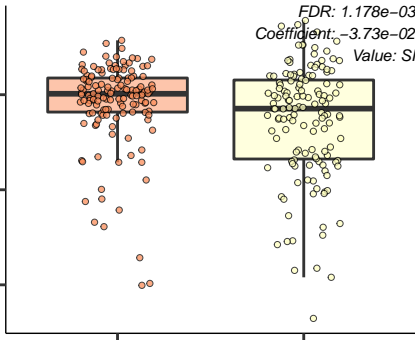
0.4
0.2
0.0

Colon (n=141)

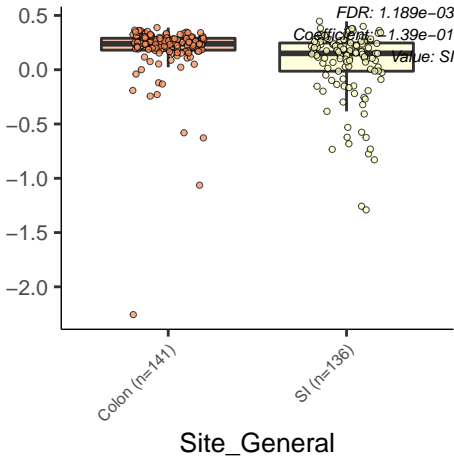
SI (n=136)

Site_General

FDR: 1.178×10^{-3}
Coefficient: -3.73×10^{-2}
Value: SI



PWY.6507



PWY.4984

FDR: 1.465e-03

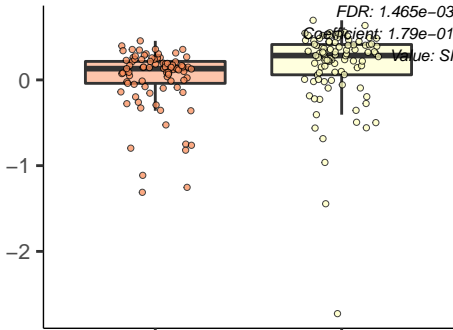
Coefficient: 1.79e-01

Value: SI

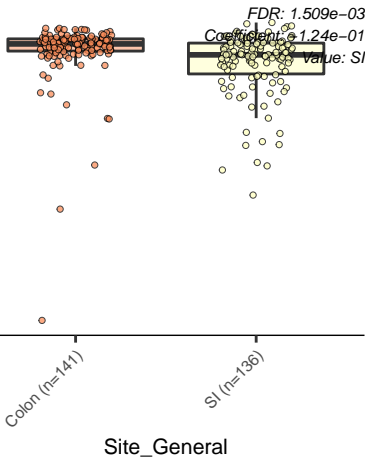
Colon (n=141)

SI (n=136)

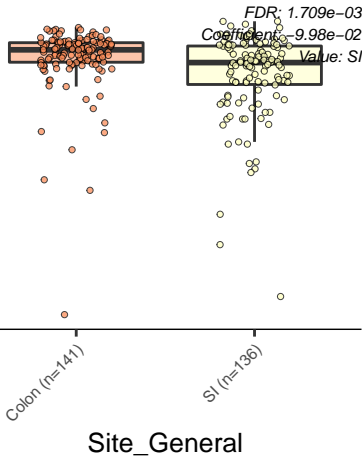
Site_General

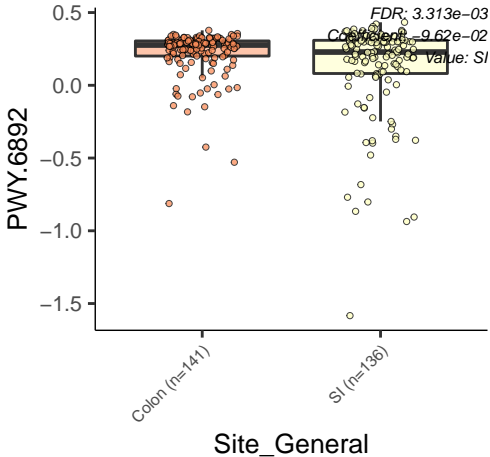


GALACT.GLUCUROCAT.PWY

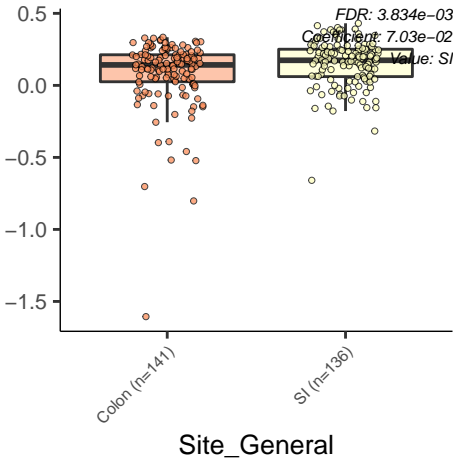


GLUCUROCAT.PWY





HEMESYN2.PWY



P341.PWY

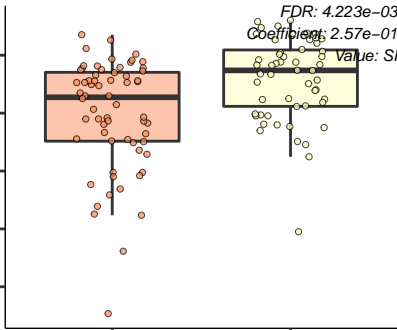
0.0
-0.5
-1.0
-1.5
-2.0

Colon (n=141)

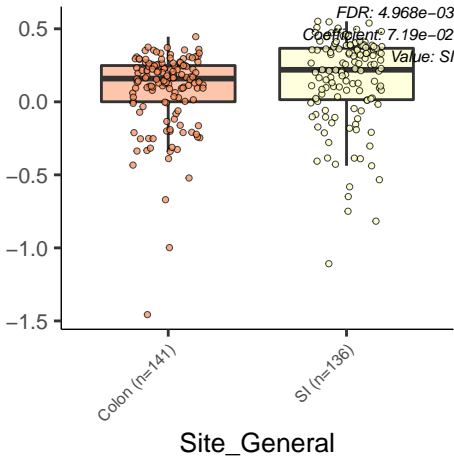
SI (n=136)

Site_General

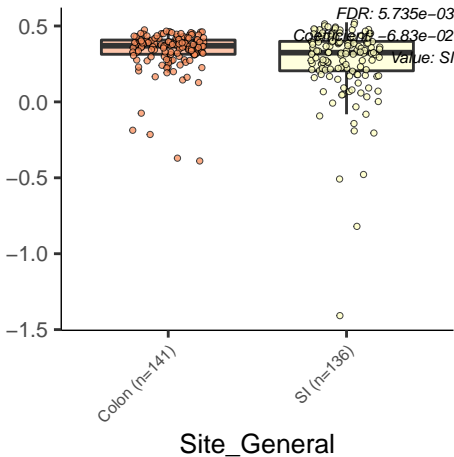
FDR: $4.223e-03$
Coefficient: $2.57e-01$
Value: SI



PWY.5913



PWY.5505



P562.PWY

0.0

-0.4

-0.8

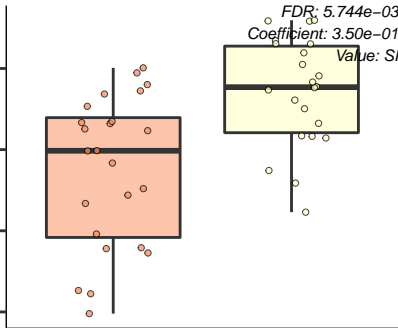
-1.2

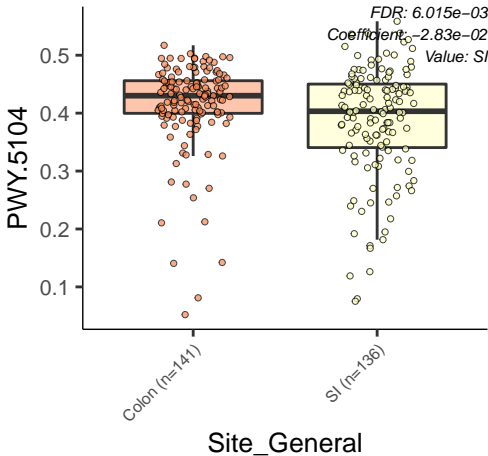
Colon (n=141)

SI (n=136)

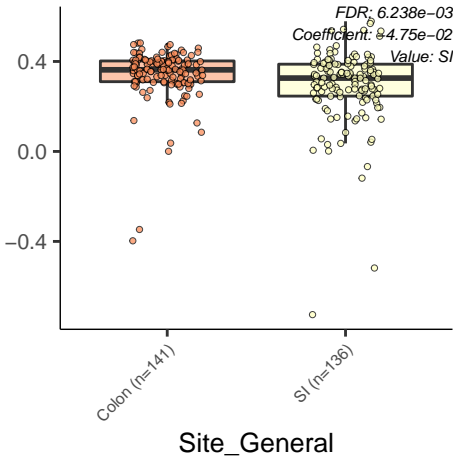
Site_General

FDR: 5.744e-03
Coefficient: 3.50e-01
Value: SI





PWY.7199



PANTO.PWY

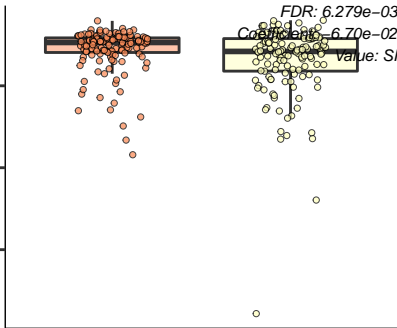
0.0
-0.5
-1.0

Colon (n=141)

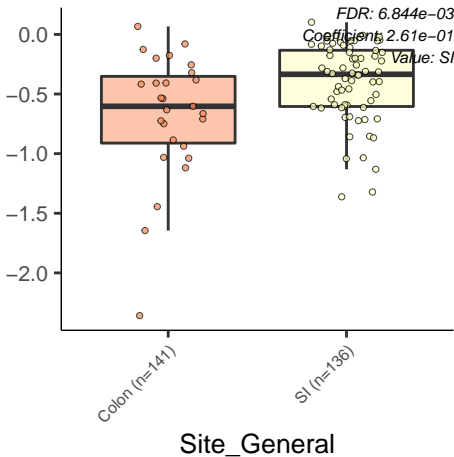
SI (n=136)

Site_General

FDR: 6.279e-03
Coefficient: -6.70e-02
value: SI



PWY0.1241



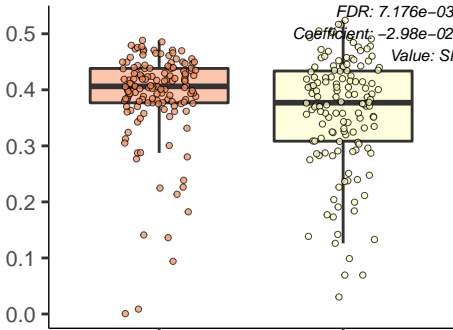
PWY.5103

Colon (n=141)

SI (n=136)

Site_General

FDR: $7.176e-03$
Coefficient: $-2.98e-02$
Value: SI

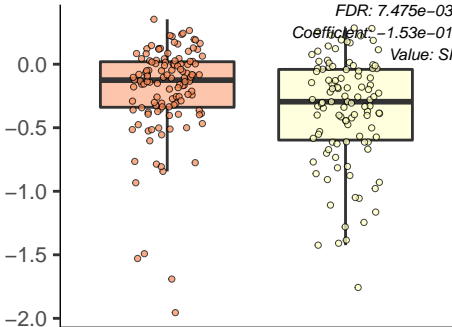


MET.SAM.PWY

FDR: $7.475e-03$

Coefficient: $-1.53e-01$

Value: SI

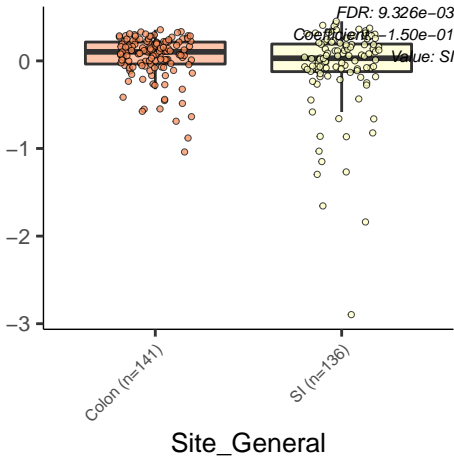


Colon (n=141)

SI (n=136)

Site_General

PWY.6608



PWY.7323

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.017e-02

Coefficient: -8.99e-02

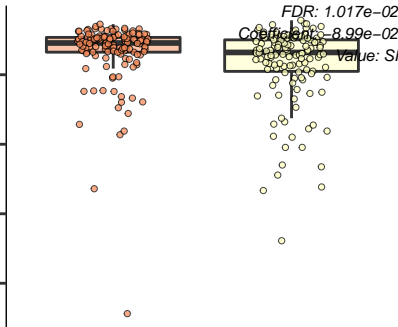
Value: SI

0.0

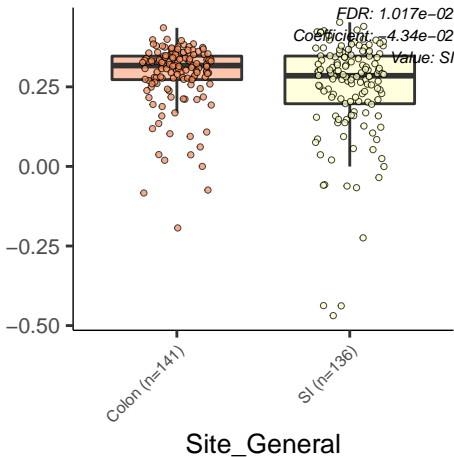
-0.5

-1.0

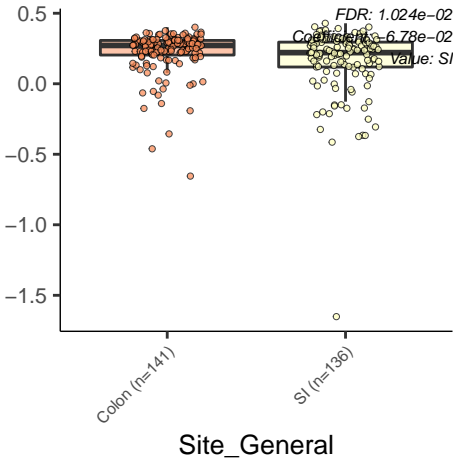
-1.5



PANTOSYN.PWY



COLANSYN.PWY



PWY.5304

Colon (n=141)

SI (n=136)

Site_General

0.0

-0.5

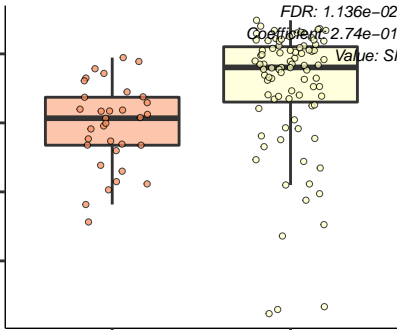
-1.0

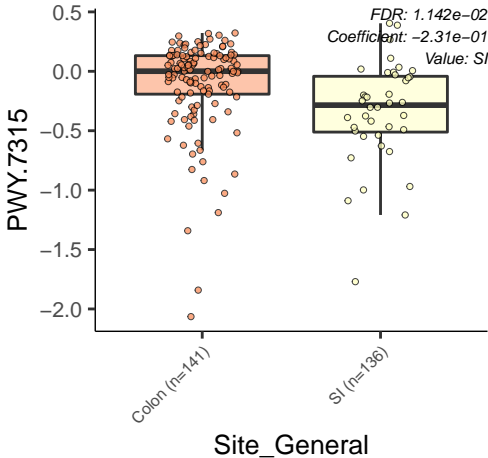
-1.5

FDR: $1.136e-02$

Coefficient: $2.74e-01$

Value: SI





PWY.6703

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.760e-02

Coefficient: -9.59e-02

Value: SI

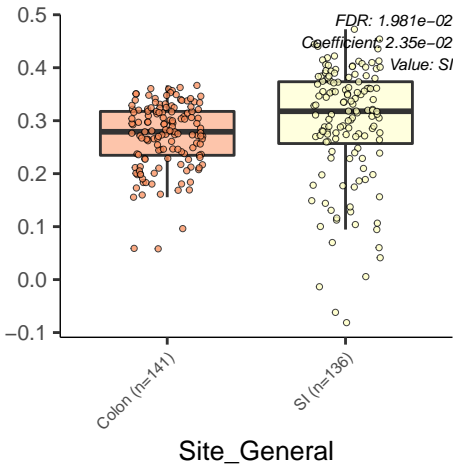
0.0

-0.5

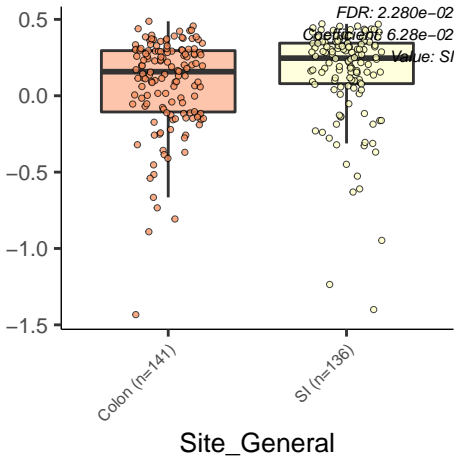
-1.0

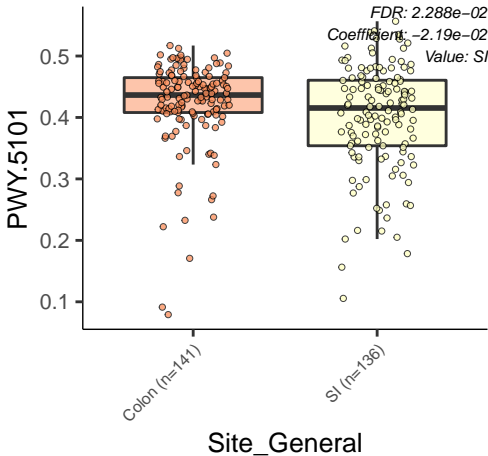
-1.5

FOLSYN.PWY

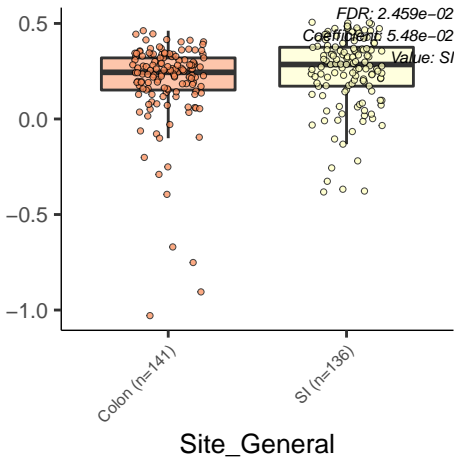


PWY.6628

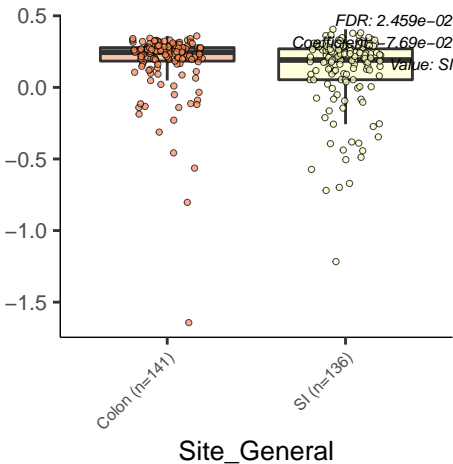




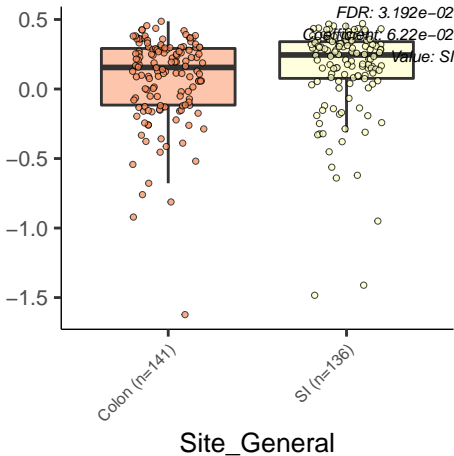
PWY.1861



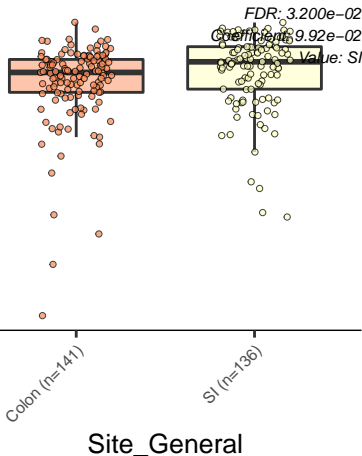
THISYN.PWY



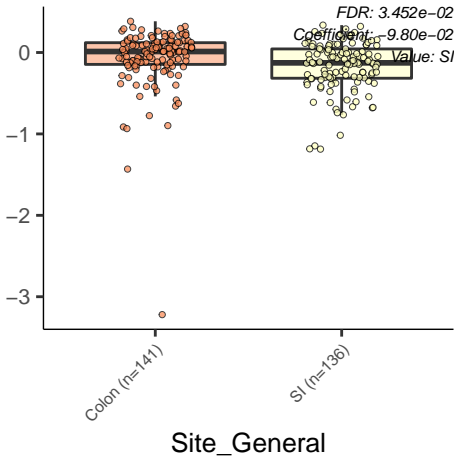
PWY.6630



SULFATE.CYS.PWY



PWY.5347



BRANCHED.CHAIN.AA.SYN.PWY

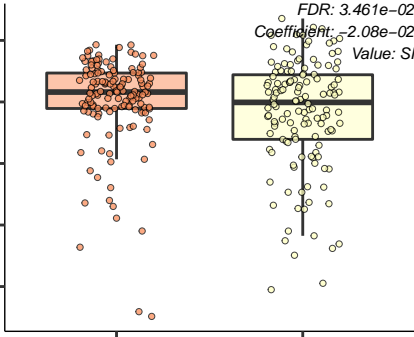
0.5
0.4
0.3
0.2
0.1

Colon (n=141)

SI (n=136)

Site_General

FDR: $3.461e-02$
Coefficient: $-2.08e-02$
Value: SI



PWY.6700

0

-1

-2

Colon (n=141)

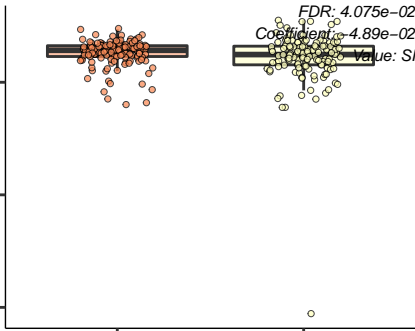
SI (n=136)

Site_General

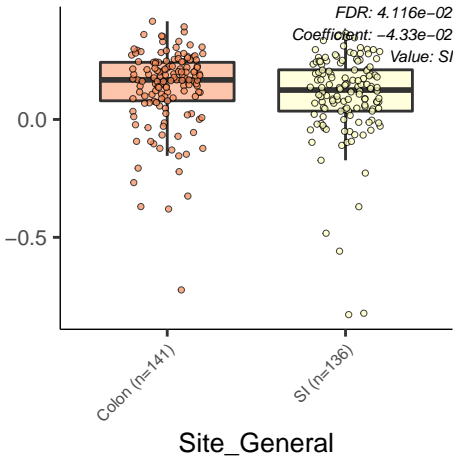
FDR: $4.075e-02$

Coefficient: $-4.89e-02$

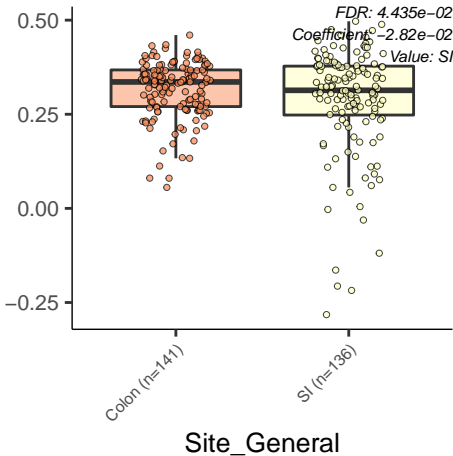
Value: SI



P4.PWY



PENTOSE.P.PWY

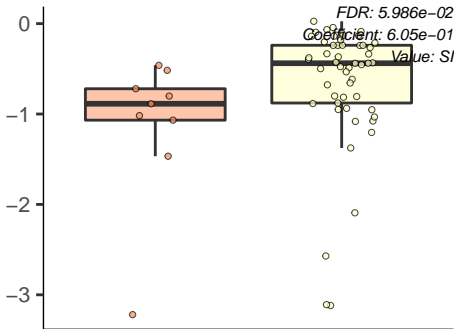


PWY.7374

Colon (n=141)

SI (n=136)

Site_General



ILEUSYN.PWY

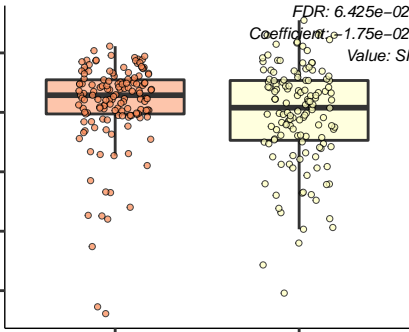
Colon (n=141)

SI (n=136)

Site_General

FDR: $6.425e-02$
Coefficient: $-1.75e-02$
Value: SI

0.5
0.4
0.3
0.2
0.1



VALSYN.PWY

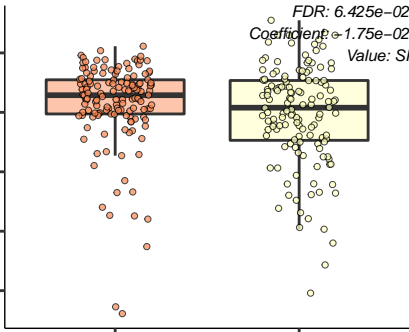
0.5
0.4
0.3
0.2
0.1

Colon (n=141)

SI (n=136)

Site_General

FDR: $6.425e-02$
Coefficient: $-1.75e-02$
Value: SI



PWY.6467

0.0

-0.5

-1.0

-1.5

-2.0

Colon (n=141)

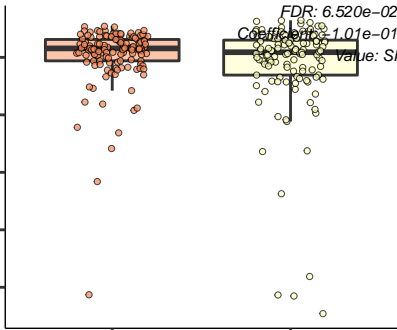
SI (n=136)

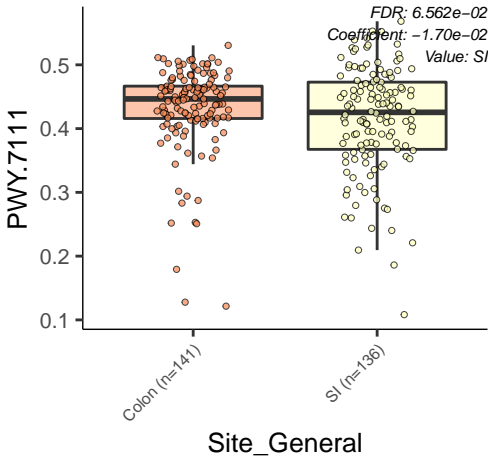
Site_General

FDR: 6.520e-02

Coefficient: -1.01e-01

Value: SI





PWY.5861

Colon (n=141)

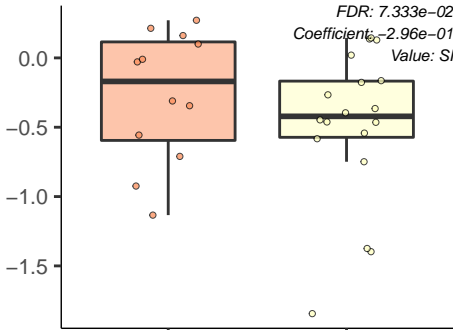
SI (n=136)

Site_General

FDR: $7.333e-02$

Coefficient: $-2.96e-01$

Value: SI



P164.PWY

0

-1

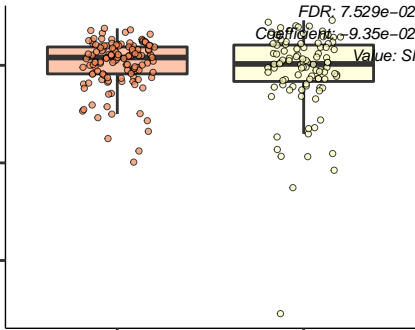
-2

Colon (n=141)

SI (n=136)

Site_General

FDR: $7.529e-02$
Coefficient: $-9.35e-02$
Value: SI



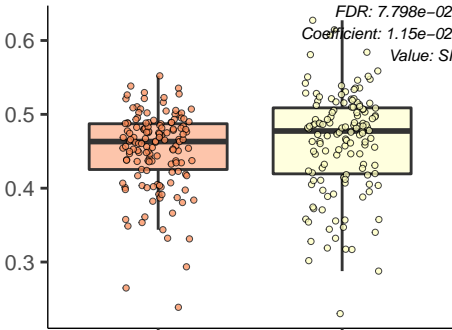
CALVIN.PWY

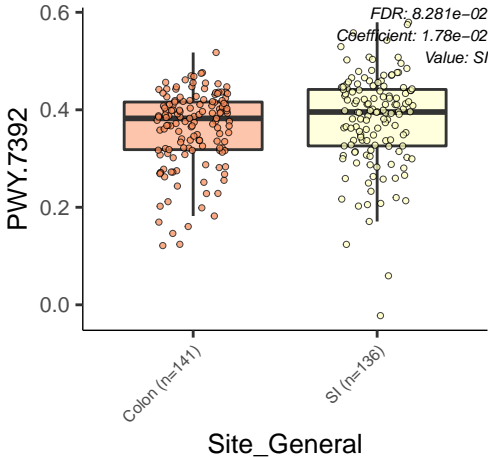
Colon (n=141)

SI (n=136)

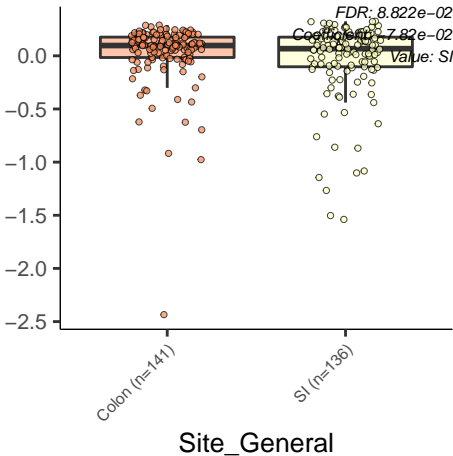
Site_General

FDR: $7.798e-02$
Coefficient: $1.15e-02$
Value: SI

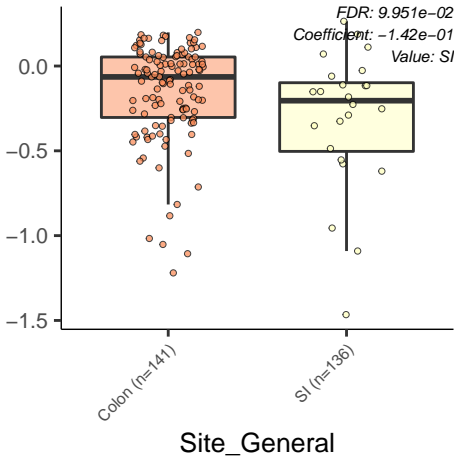




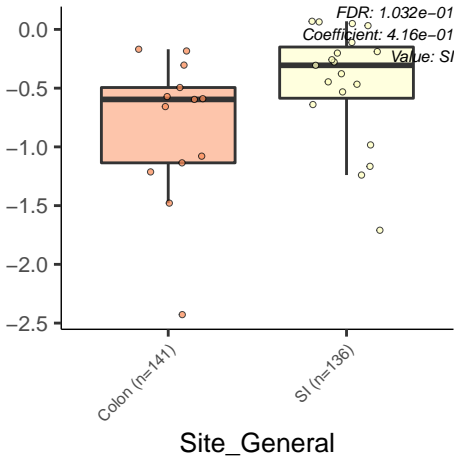
PWY.1269



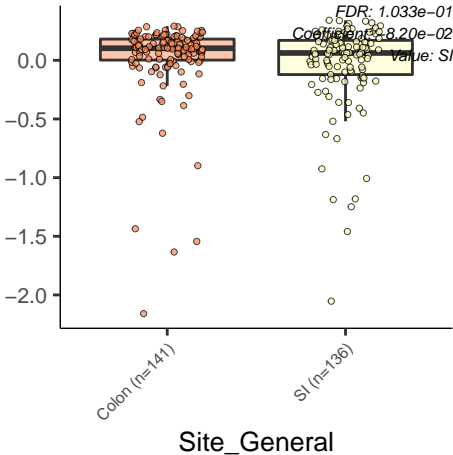
PWY.6588



PWY.7332



NAGLIPASYN.PWY



NONMEVIP.PWY

0.4

0.2

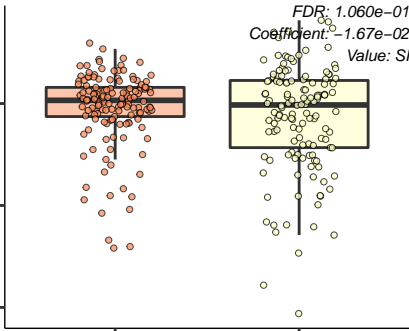
0.0

Colon (n=141)

SI (n=136)

Site_General

FDR: 1.060e-01
Coefficient: -1.67e-02
Value: SI



PWY.7560

Colon (n=141)

SI (n=136)

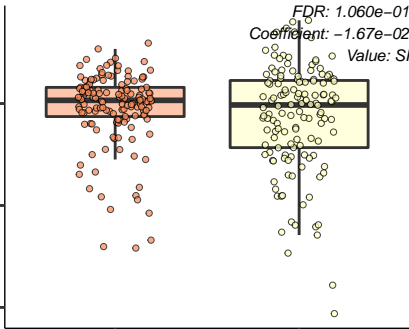
Site_General

FDR: 1.060e-01
Coefficient: -1.67e-02
Value: SI

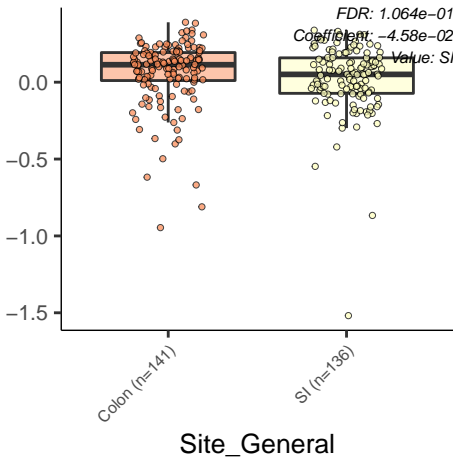
0.4

0.2

0.0



PWY0.781



SER.GLYSYN.PWY

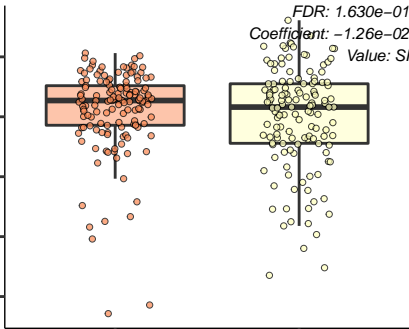
Colon (n=141)

SI (n=136)

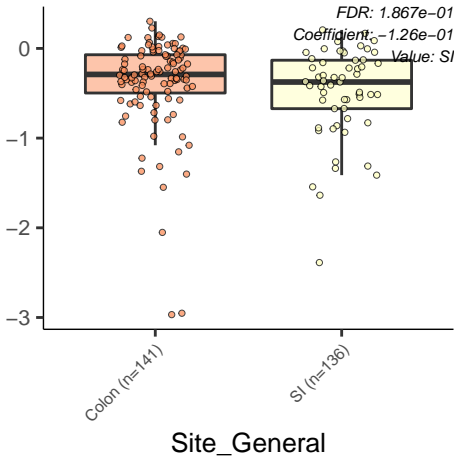
Site_General

FDR: $1.630e-01$
Coefficient: $-1.26e-02$
Value: SI

0.5
0.4
0.3
0.2
0.1



HSERMETANA.PWY



PWY.6612

