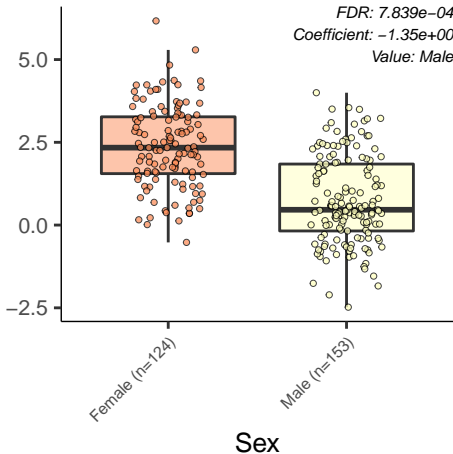
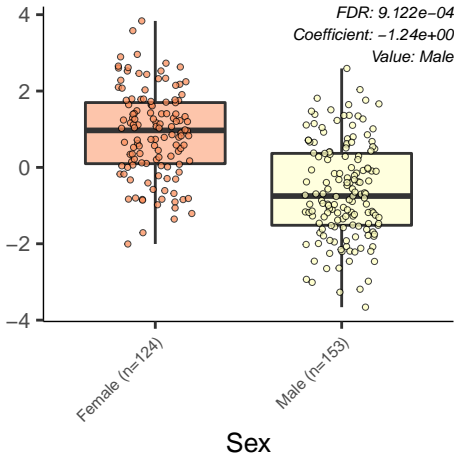


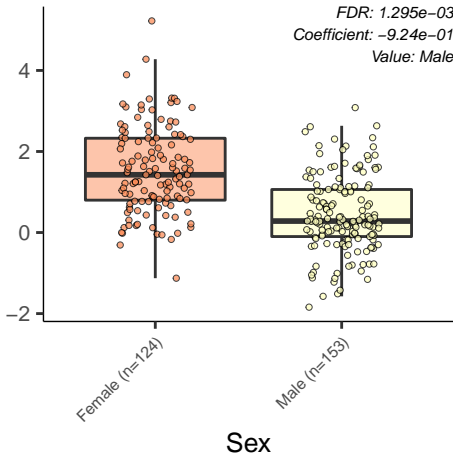
PWY.7013



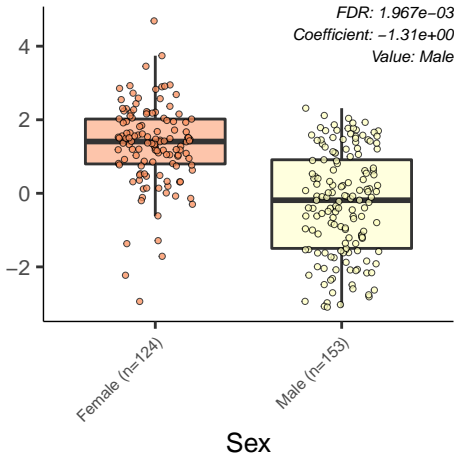
GOLPDL CAT.PWY



PWY.5384



PWY.7377



PWY.5189

FDR: 6.651e-03

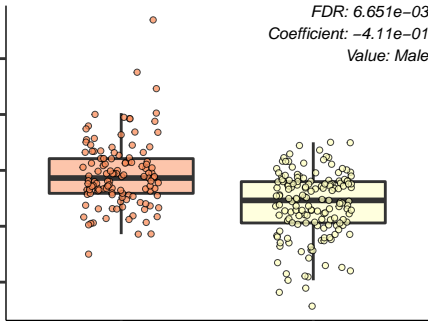
Coefficient: -4.11e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.5695

FDR: 9.688e-03

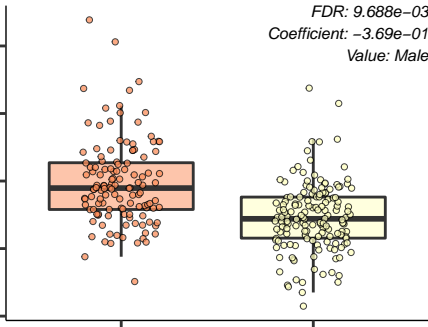
Coefficient: -3.69e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.5188

FDR: 1.006e-02

Coefficient: -3.74e-01

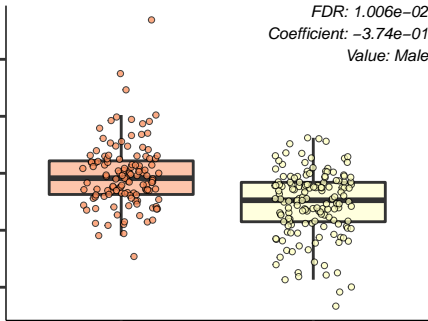
Value: Male

Female (n=124)

Male (n=153)

Sex

4
3
2
1
0



TEICHOICACID.PWY

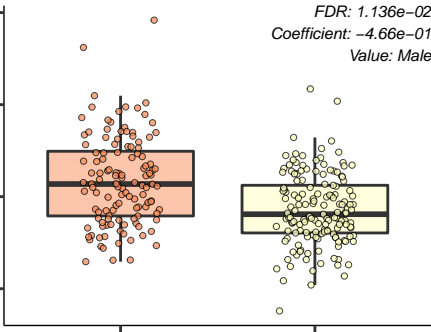
6
4
2
0

Female (n=124)

Male (n=153)

Sex

FDR: 1.136e-02
Coefficient: -4.66e-01
Value: Male



PWY.7539

FDR: 1.519e-02

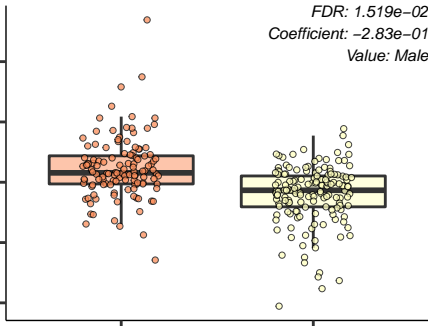
Coefficient: -2.83e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



OANTIGEN.PWY

FDR: 1.842e-02

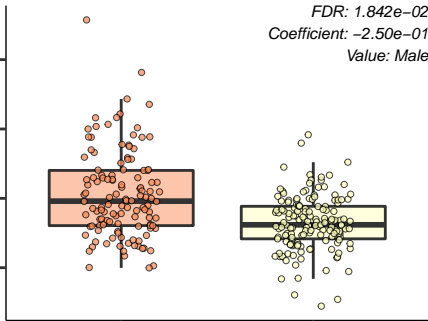
Coefficient: -2.50e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.922

FDR: 2.069e-02

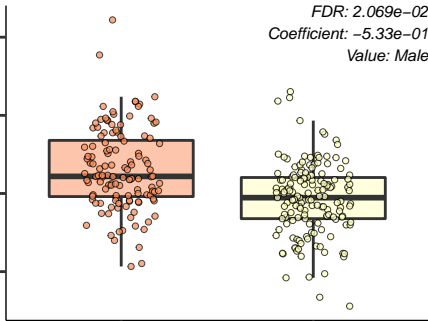
Coefficient: -5.33e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



ILEUSYN.PWY

3

2

Female (n=124)

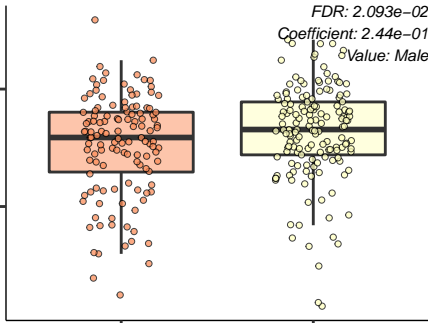
Male (n=153)

Sex

FDR: 2.093e-02

Coefficient: 2.44e-01

Value: Male



VALSYN.PWY

FDR: $2.093e-02$

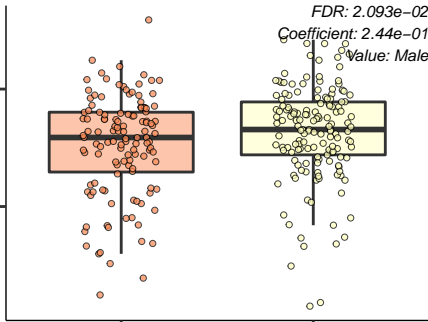
Coefficient: $2.44e-01$

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.5101

Female (n=124)

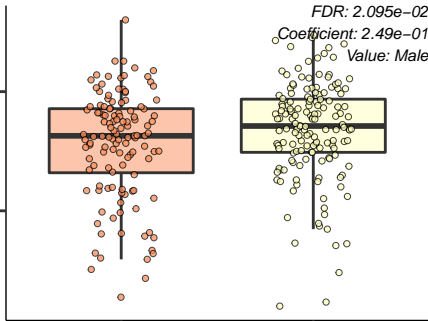
Male (n=153)

Sex

FDR: 2.095e-02

Coefficient: 2.49e-01

Value: Male



PWY.5913

FDR: 2.518e-02

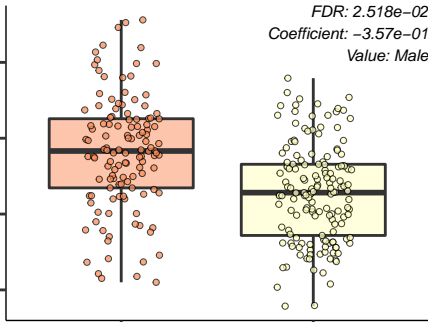
Coefficient: -3.57e-01

Value: Male

Female (n=124)

Male (n=153)

Sex

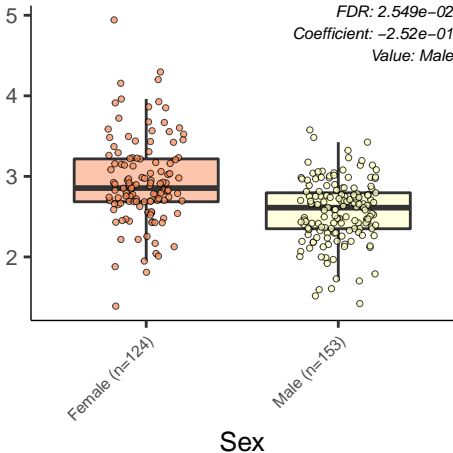


DTDPRHAMSYN.PWY

FDR: 2.549e-02

Coefficient: -2.52e-01

Value: Male



PWY.5104

Female (n=124)

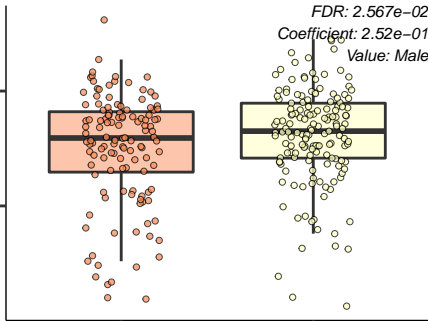
Male (n=153)

Sex

FDR: 2.567e-02

Coefficient: 2.52e-01

Value: Male



PWY.5910

FDR: 2.619e-02

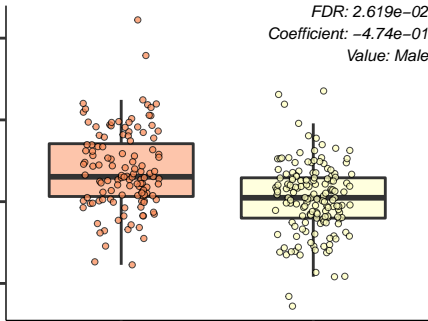
Coefficient: -4.74e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.7111

Female (n=124)

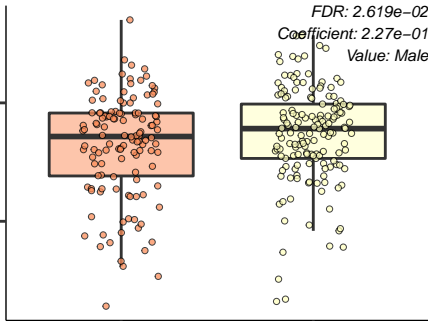
Male (n=153)

Sex

FDR: 2.619e-02

Coefficient: 2.27e-01

Value: Male



COBALSYN.PWY

FDR: 2.637e-02

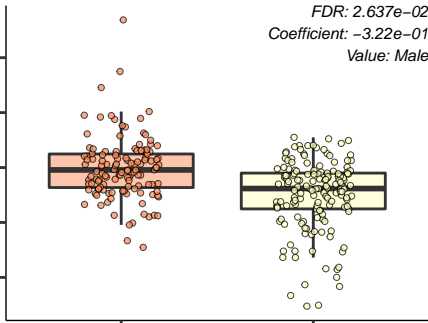
Coefficient: -3.22e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.5103

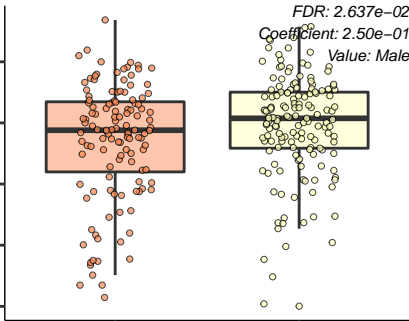
3.0
2.5
2.0
1.5
1.0

Female (n=124)

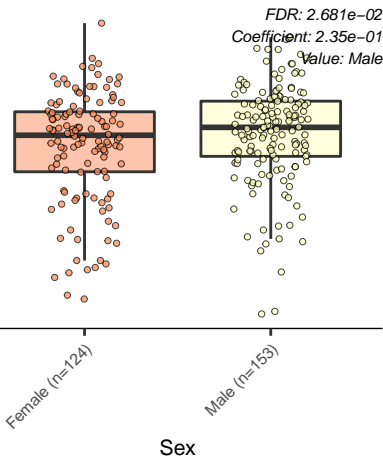
Male (n=153)

Sex

FDR: 2.637e-02
Coefficient: 2.50e-01
Value: Male

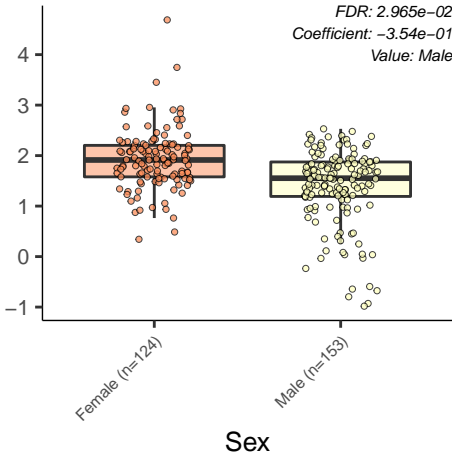


BRANCHED.CHAIN.AA.SYN.PWY



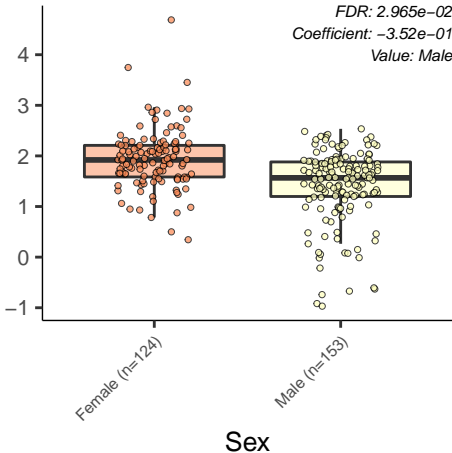
PWY.5509

FDR: 2.965e-02
Coefficient: -3.54e-01
Value: Male

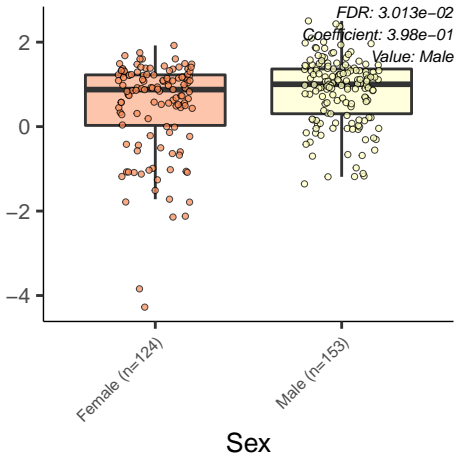


PWY.6269

FDR: 2.965e-02
Coefficient: -3.52e-01
Value: Male



PWY.6901



SER.GLYSYN.PWY

FDR: 3.526e-02

Coefficient: 2.14e-01

Value: Male

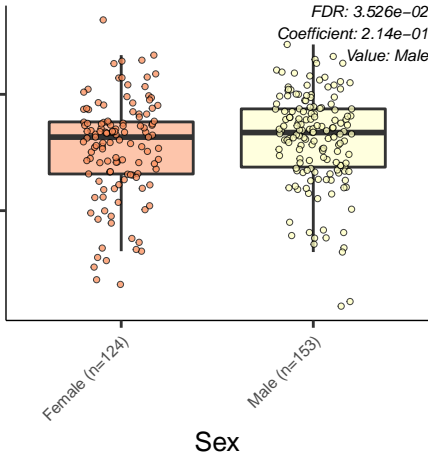
3

2

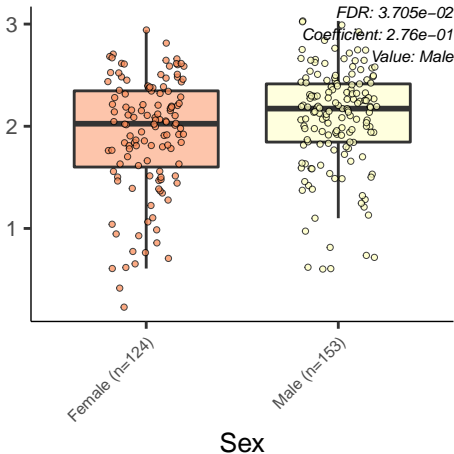
Female (n=124)

Male (n=153)

Sex



GLUTORN.PWY



GLYCOCAT.PWY

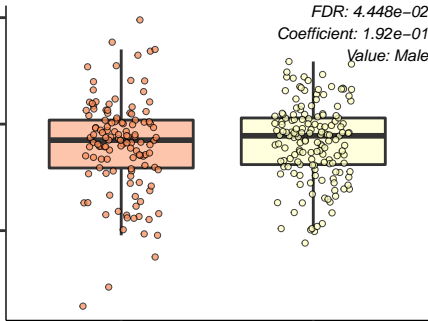
4
3
2

Female (n=124)

Male (n=153)

Sex

FDR: 4.448e-02
Coefficient: 1.92e-01
Value: Male



PWY.7220

FDR: 4.705e-02

Coefficient: -3.11e-01

Value: Male

6

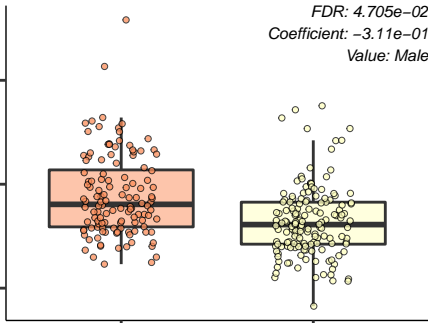
4

2

Female (n=124)

Male (n=153)

Sex



PWY.7222

FDR: 4.705e-02

Coefficient: -3.11e-01

Value: Male

6

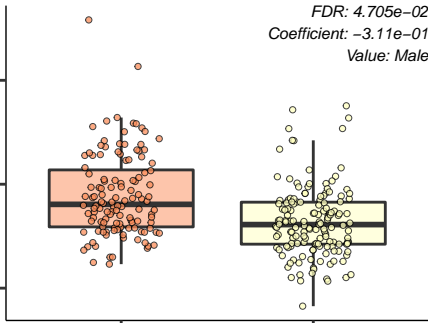
4

2

Female (n=124)

Male (n=153)

Sex



PWY.6737

FDR: 4.864e-02

Coefficient: 2.08e-01

Value: Male

3

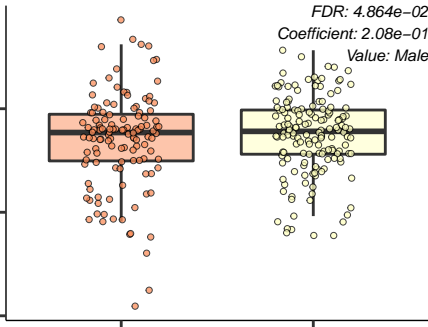
2

1

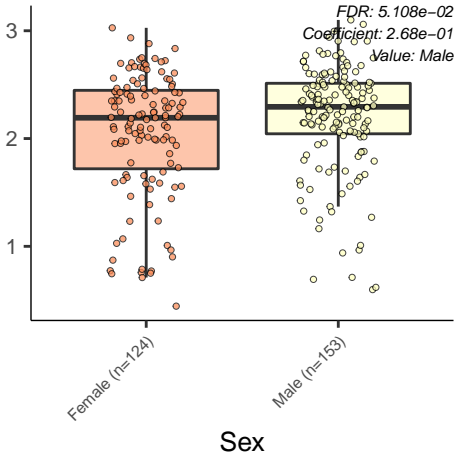
Female (n=124)

Male (n=153)

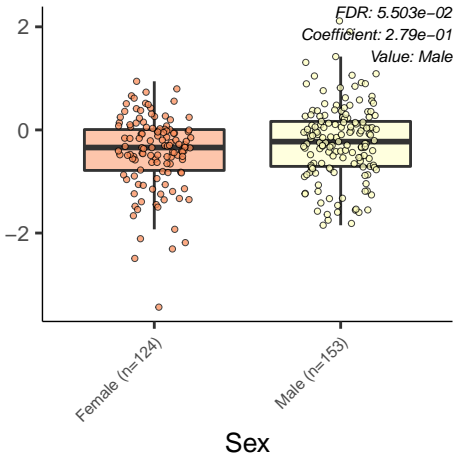
Sex



HISTSYN.PWY



RHAMCAT.PWY



ANAEROFRUCAT.PWY

FDR: 5.939e-02

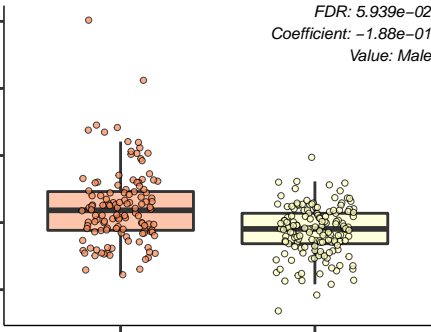
Coefficient: -1.88e-01

Value: Male

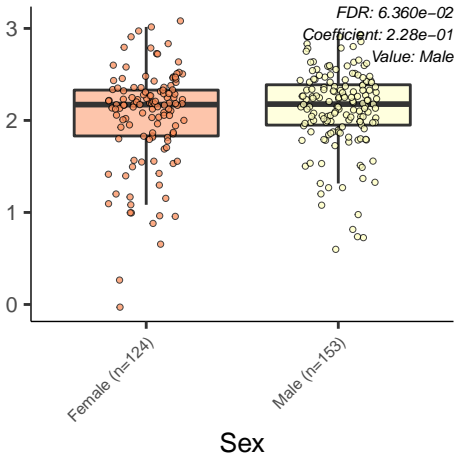
Female (n=124)

Male (n=153)

Sex



PYRIDNUCSYN.PWY



PWY.6147

FDR: 6.592e-02

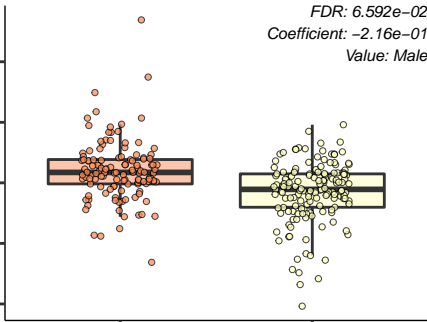
Coefficient: -2.16e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



GLYCOLYSIS.E.D

FDR: 7.022e-02

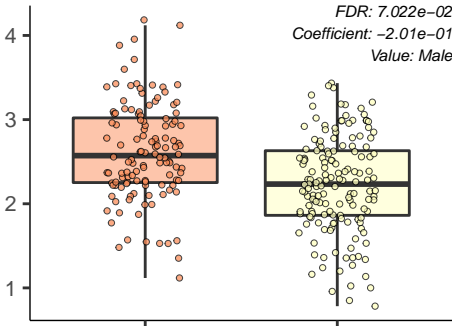
Coefficient: -2.01e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



FERMENTATION.PWY

FDR: 7.029e-02

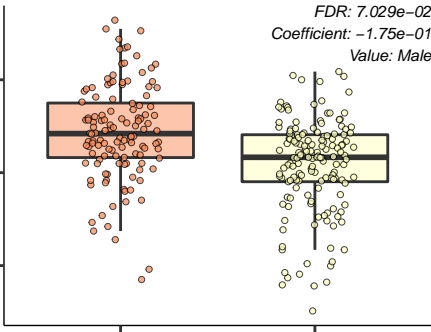
Coefficient: -1.75e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.5484

FDR: 7.367e-02

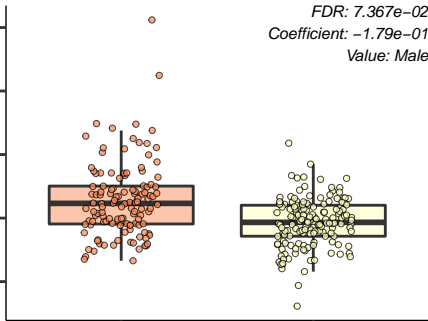
Coefficient: -1.79e-01

Value: Male

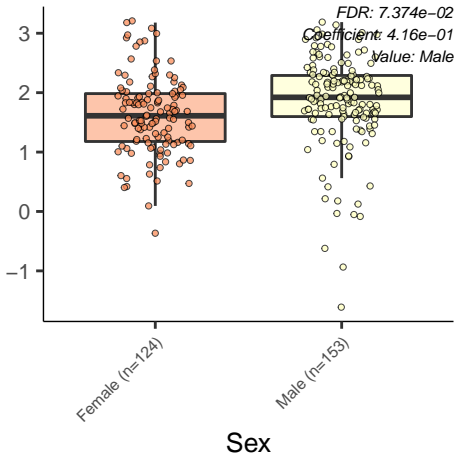
Female (n=124)

Male (n=153)

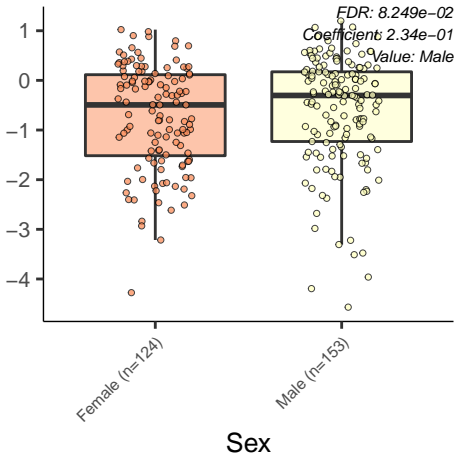
Sex



PWY.1861



PWY.6478



ARG.POLYAMINE.SYN

FDR: $8.391e-02$

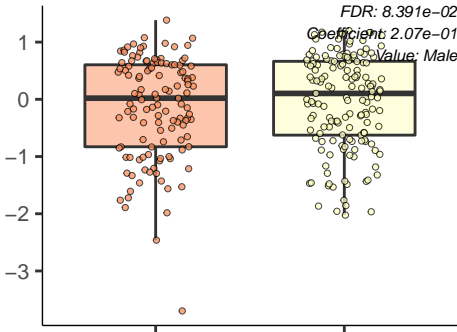
Coefficient: $2.07e-01$

Value: Male

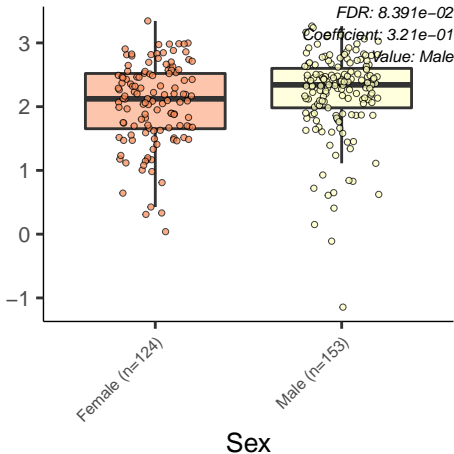
Female (n=124)

Male (n=153)

Sex



PWY.5505



GLUCONEO.PWY

FDR: 9.123e-02

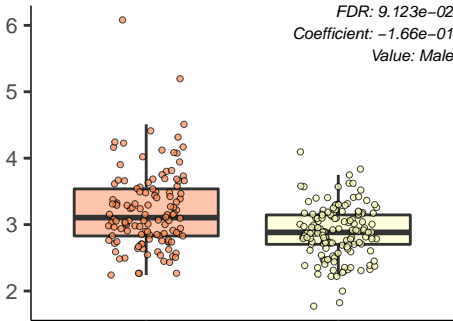
Coefficient: -1.66e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



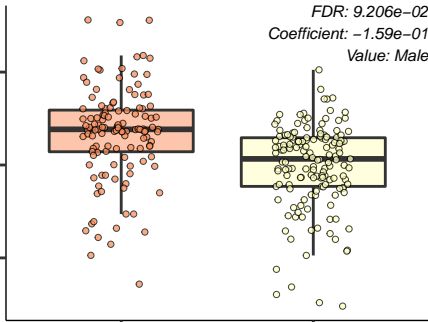
RIBOSYN2.PWY

Female (n=124)

Male (n=153)

Sex

FDR: $9.206e-02$
Coefficient: $-1.59e-01$
Value: Male



GLYCOLYSIS

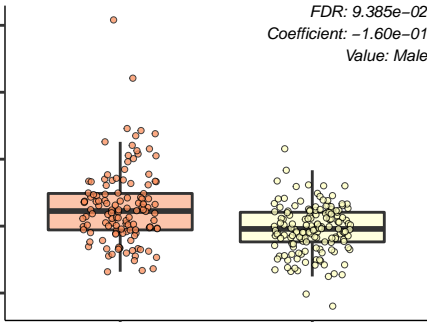
6
5
4
3
2

Female (n=124)

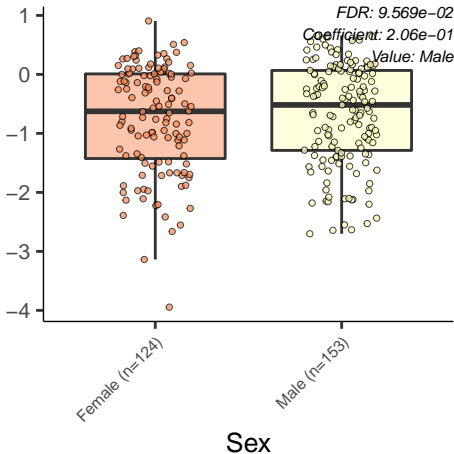
Male (n=153)

Sex

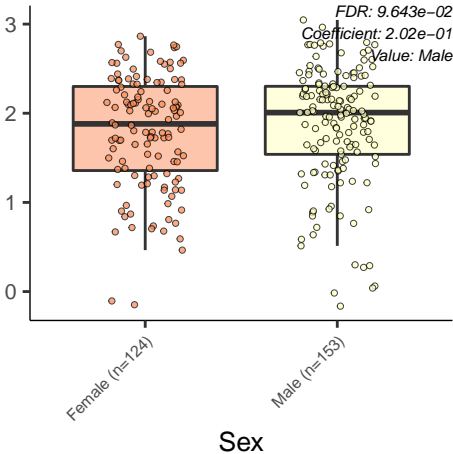
FDR: 9.385e-02
Coefficient: -1.60e-01
Value: Male



POLYAMSYN.PWY



PYRIDNUCSAL.PWY



P441.PWY

FDR: 1.029e-01

Coefficient: -1.66e-01

○ Value: Male

4

3

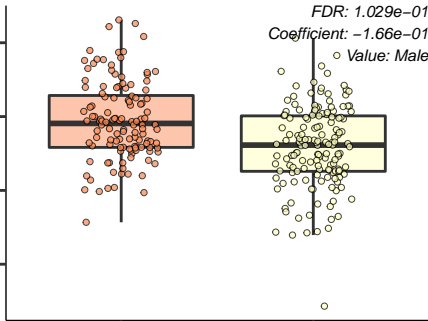
2

1

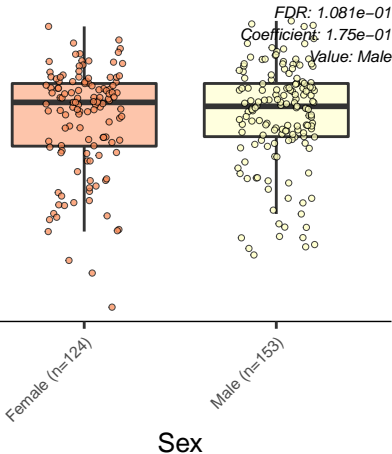
Female (n=124)

Male (n=153)

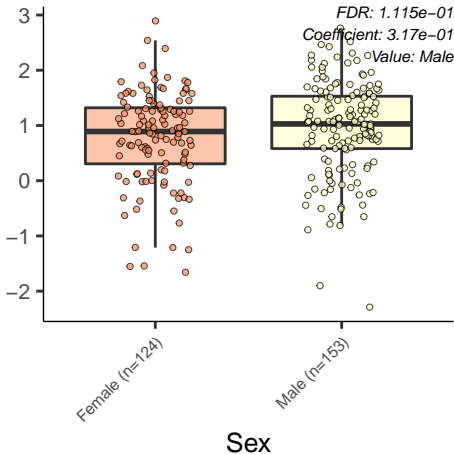
Sex



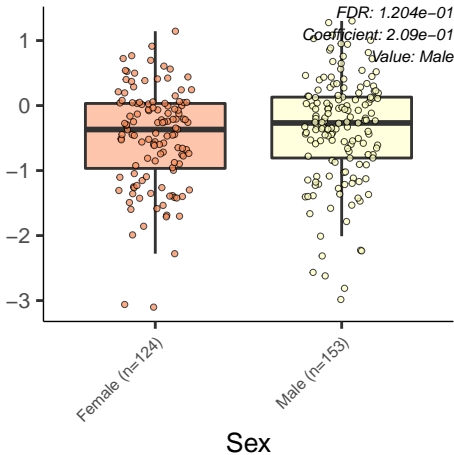
PWY.6897



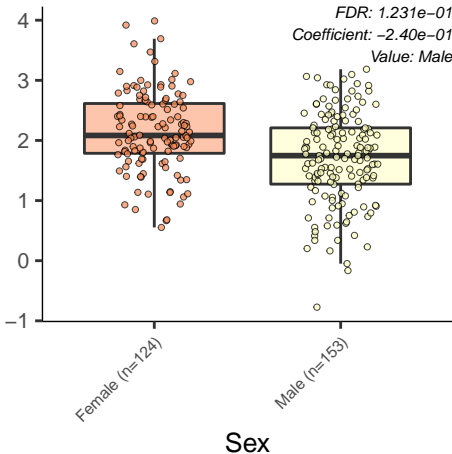
P164.PWY



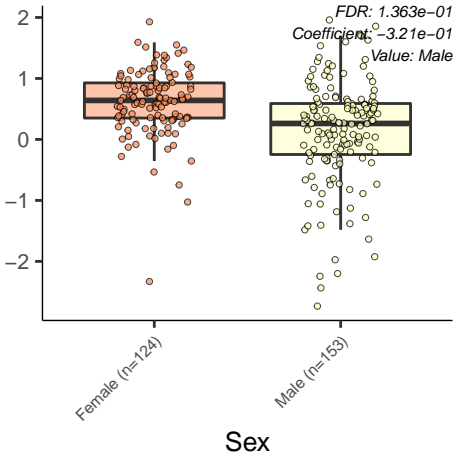
FUC.RHAMCAT.PWY



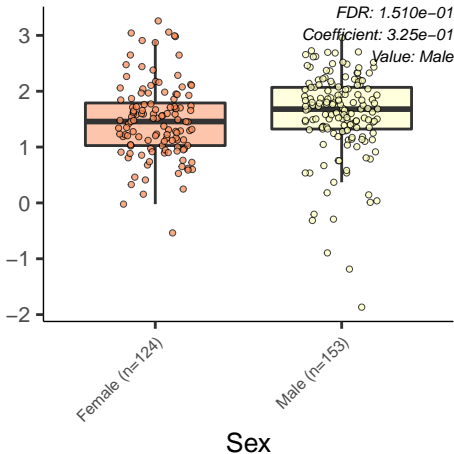
P461.PWY

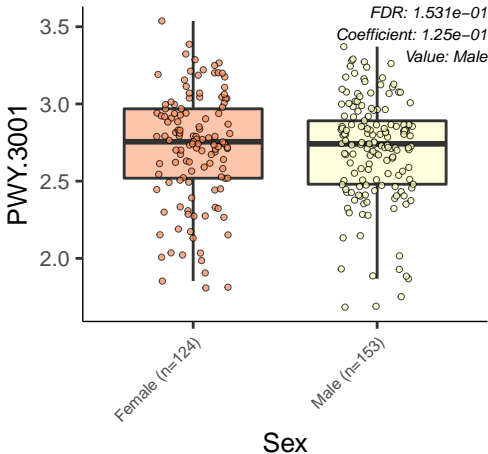


ARGORNPST.PWY



RUMP.PWY





P161.PWY

FDR: 1.534e-01

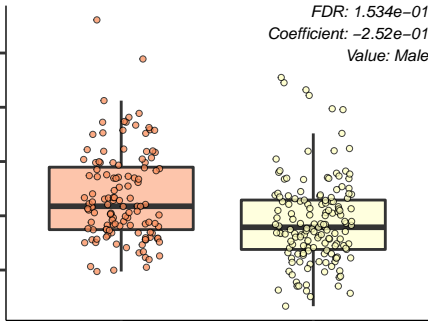
Coefficient: -2.52e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



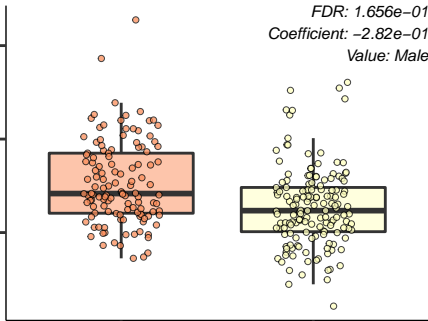
P122.PWY

FDR: 1.656e-01
Coefficient: -2.82e-01
Value: Male

Female (n=124)

Male (n=153)

Sex



TRPSYN.PWY

3
2
1
0

Female (n=124)

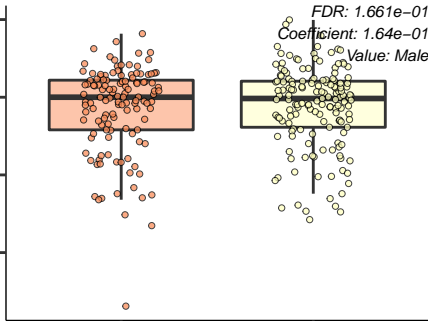
Male (n=153)

Sex

FDR: 1.661e-01

Coefficient: 1.64e-01

Value: Male



PWY0.1586

FDR: 1.747e-01

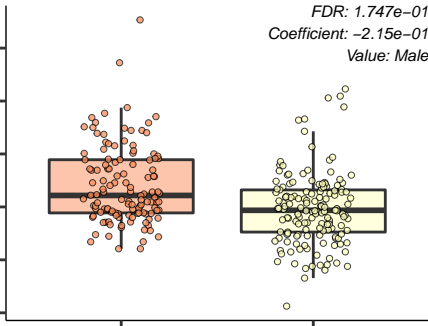
Coefficient: -2.15e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



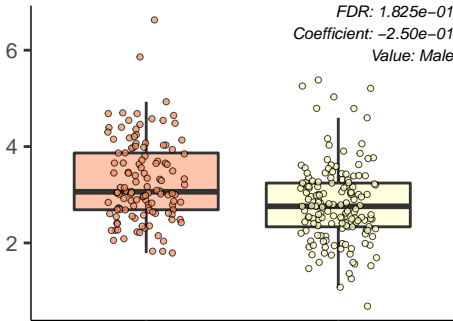
P124.PWY

FDR: 1.825e-01
Coefficient: -2.50e-01
Value: Male

Female (n=124)

Male (n=153)

Sex



POLYAMINSYN3.PWY

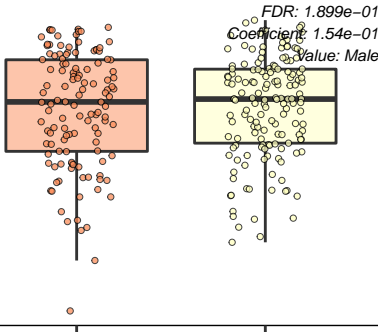
0
-1
-2
-3
-4

Female (n=124)

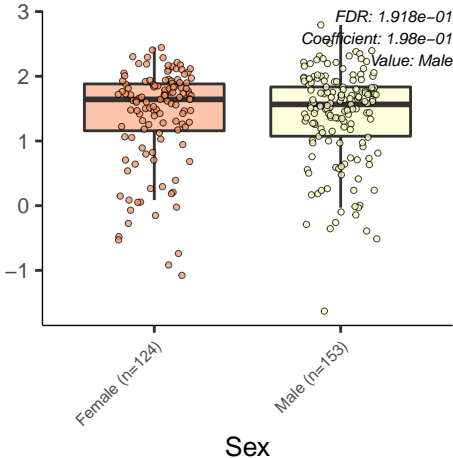
Male (n=153)

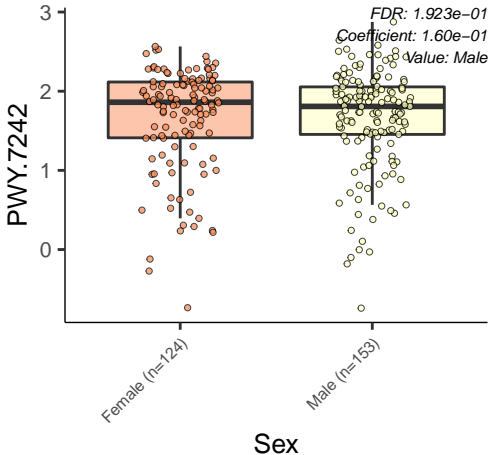
Sex

FDR: 1.899e-01
Coefficient: 1.54e-01
Value: Male



PWY.6507





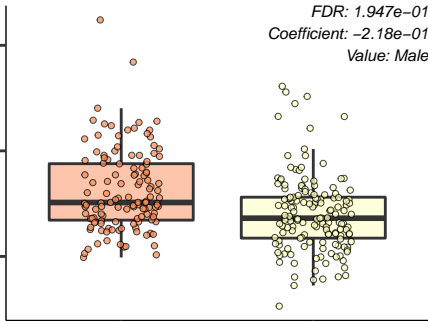
PWY.6471

FDR: 1.947e-01
Coefficient: -2.18e-01
Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.7229

FDR: 2.009e-01

Coefficient: -1.71e-01

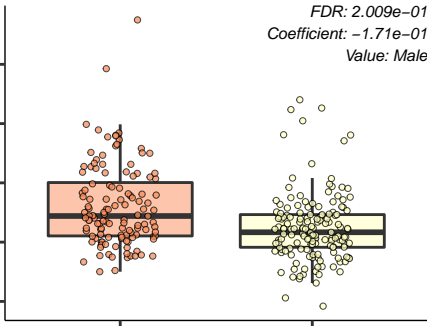
Value: Male

Female (n=124)

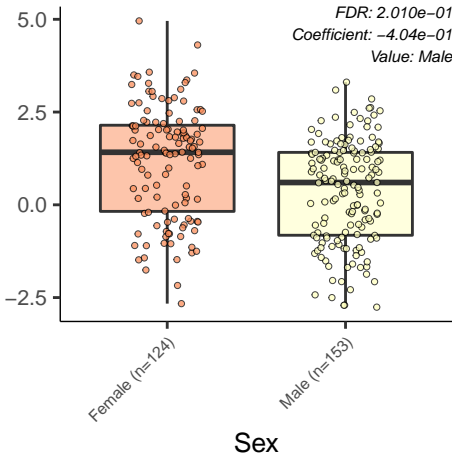
Male (n=153)

Sex

2
3
4
5
6



PWY.4984



POLYISOPRENSYN.PWY

FDR: 2.036e-01

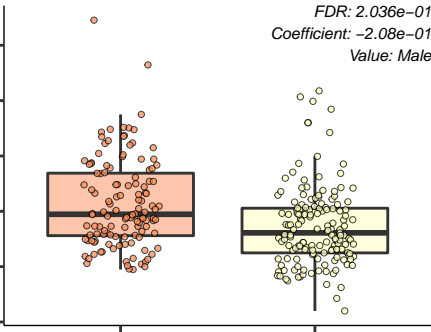
Coefficient: -2.08e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



PWY.6126

FDR: 2.040e-01

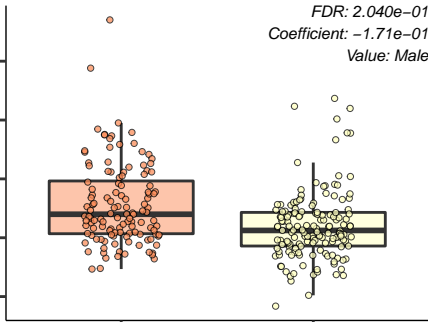
Coefficient: -1.71e-01

Value: Male

Female (n=124)

Male (n=153)

Sex



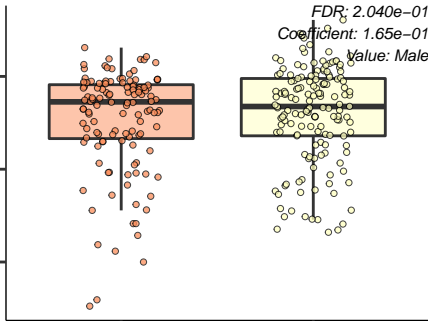
PWY.6969

Female (n=124)

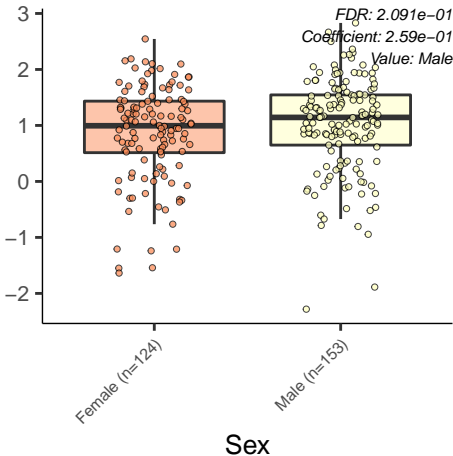
Male (n=153)

Sex

FDR: 2.040e-01
Coefficient: 1.65e-01
Value: Male



PWY.6608



COMPLETE.ARO.PWY

3

2

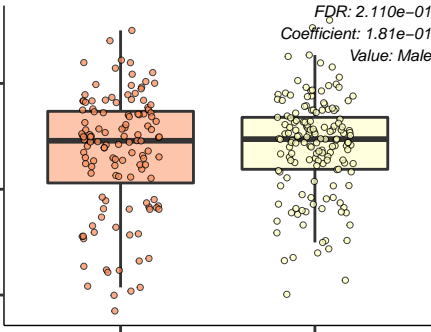
1

Female (n=124)

Male (n=153)

Sex

FDR: 2.110e-01
Coefficient: 1.81e-01
Value: Male



ARO.PWY

3

2

1

Female (n=124)

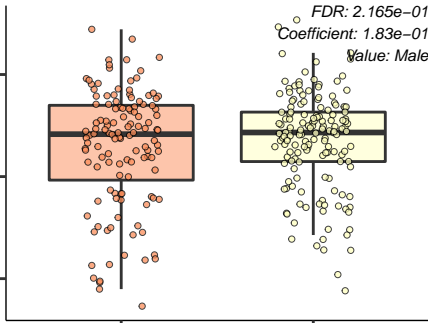
Male (n=153)

Sex

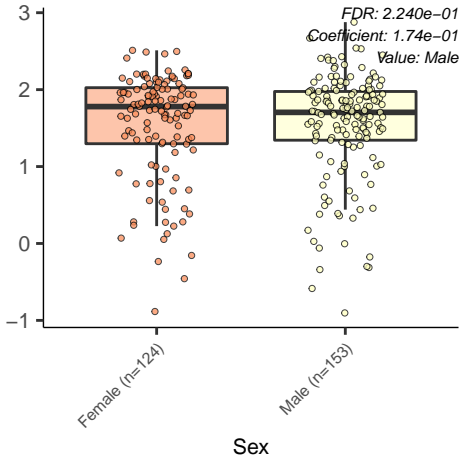
FDR: 2.165e-01

Coefficient: 1.83e-01

Value: Male



GALACTUROCAT.PWY



UDPNAGSYN.PWY

FDR: 2.250e-01

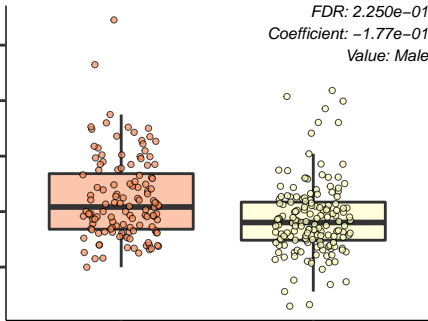
Coefficient: -1.77e-01

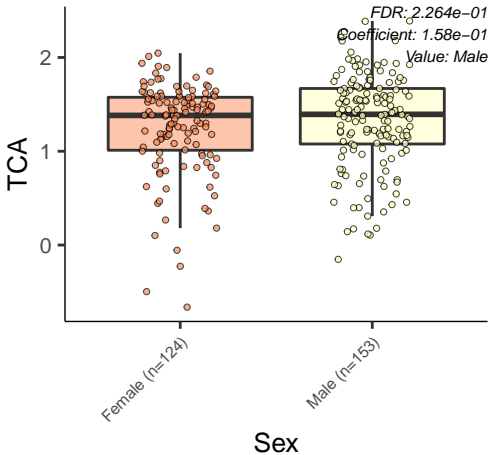
Value: Male

Female (n=124)

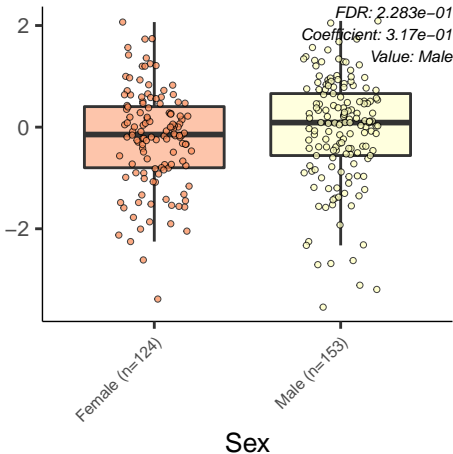
Male (n=153)

Sex





FUCCAT.PWY



X1CMET2.PWY

3

2

1

Female (n=124)

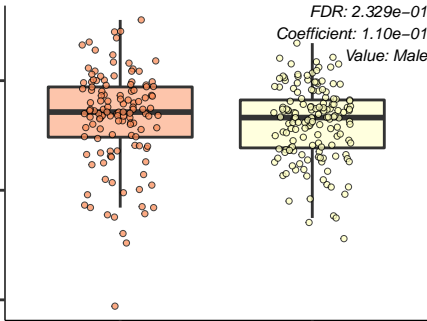
Male (n=153)

Sex

FDR: 2.329e-01

Coefficient: 1.10e-01

Value: Male



THISYN.PWY

2

1

0

Female (n=124)

Male (n=153)

Sex

FDR: 2.469e-01

Coefficient: 1.66e-01

Value: Male

