

GLUTORN.PWY

2

1

0

Female (n=27)

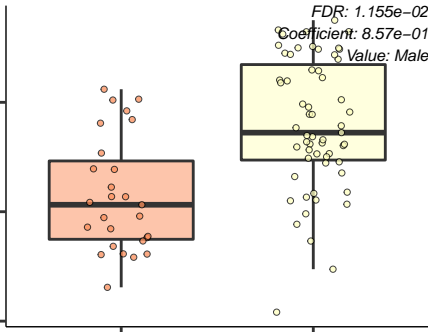
Male (n=59)

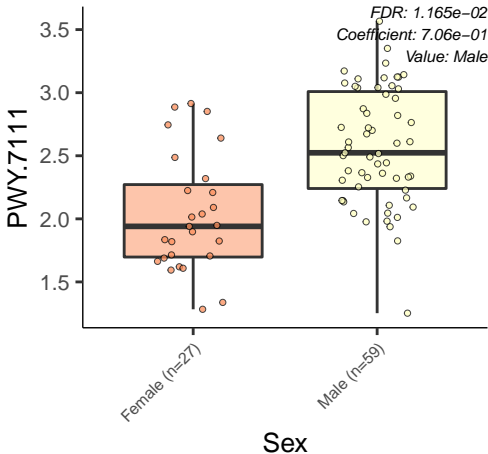
Sex

FDR:  $1.155e-02$

Coefficient:  $8.57e-01$

Value: Male





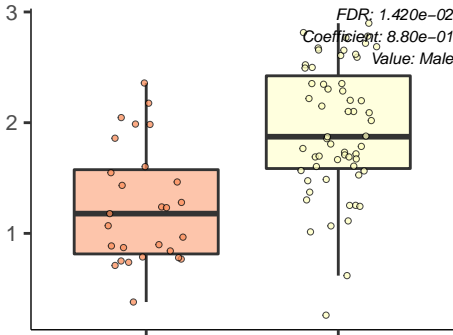
HISTSYN.PWY

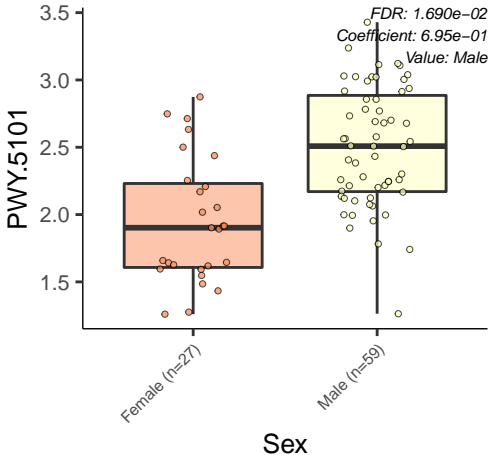
Female (n=27)

Male (n=59)

Sex

FDR:  $1.420e-02$   
Coefficient:  $8.80e-01$   
Value: Male





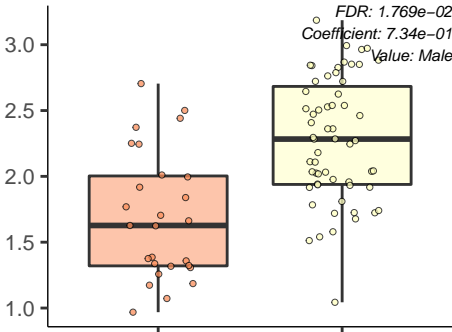
PWY.5103

Female (n=27)

Male (n=59)

Sex

FDR:  $1.769 \times 10^{-2}$   
Coefficient:  $7.34 \times 10^{-1}$   
Value: Male



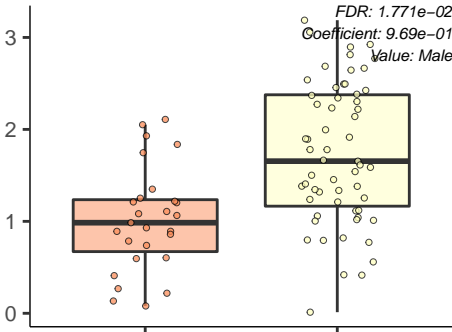
PWY.1861

Female (n=27)

Male (n=59)

Sex

FDR: 1.771e-02  
Coefficient: 9.69e-01  
Value: Male



ILEUSYN.PWY

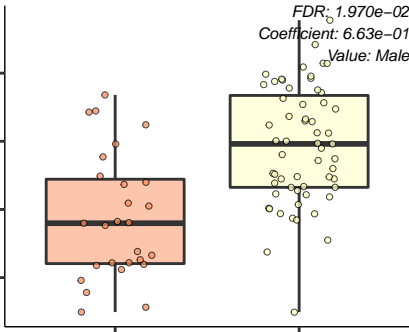
3.0  
2.5  
2.0  
1.5

Female (n=27)

Male (n=59)

Sex

FDR: 1.970e-02  
Coefficient: 6.63e-01  
Value: Male



VALSYN.PWY

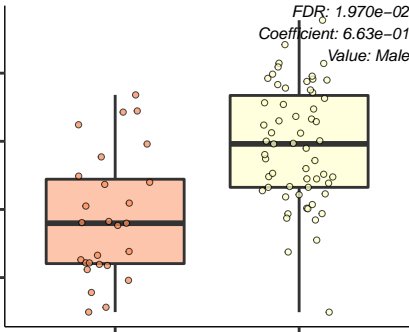
3.0  
2.5  
2.0  
1.5

Female (n=27)

Male (n=59)

Sex

FDR:  $1.970e-02$   
Coefficient:  $6.63e-01$   
Value: Male





PYRIDNUCSYN.PWY

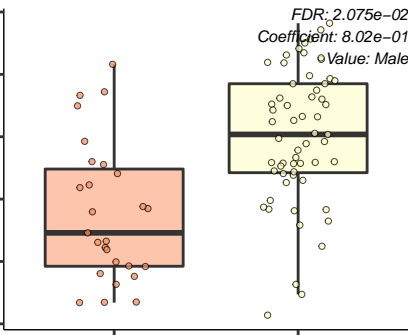
3.0  
2.5  
2.0  
1.5  
1.0  
0.5

Female (n=27)

Male (n=59)

Sex

FDR:  $2.075 \times 10^{-2}$   
Coefficient:  $8.02 \times 10^{-1}$   
Value: Male



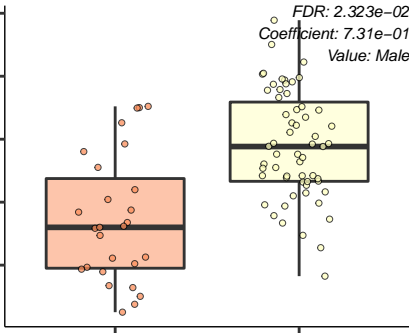
PWY.5104

Female (n=27)

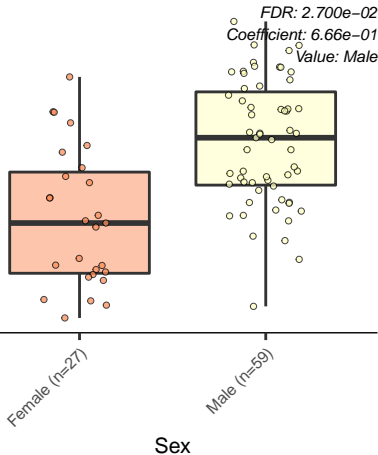
Male (n=59)

Sex

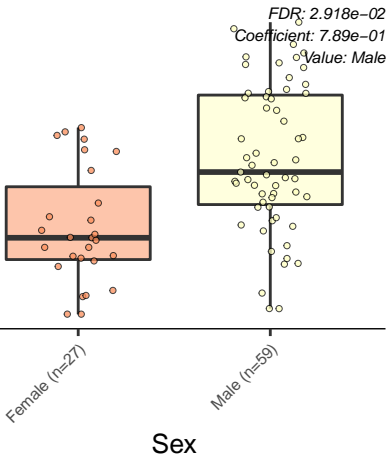
FDR: 2.323e-02  
Coefficient: 7.31e-01  
Value: Male



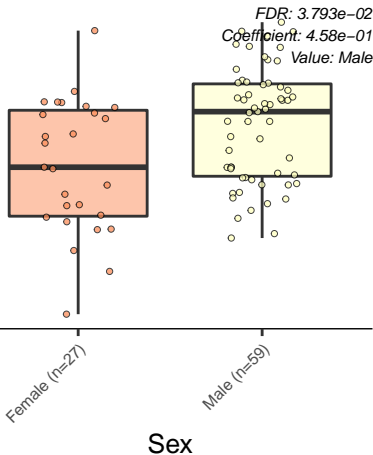
BRANCHED.CHAIN.AA.SYN.PWY



PWY.5505



NONOXIPENT.PWY



RUMP.PWY

3  
2  
1  
0

Female (n=27)

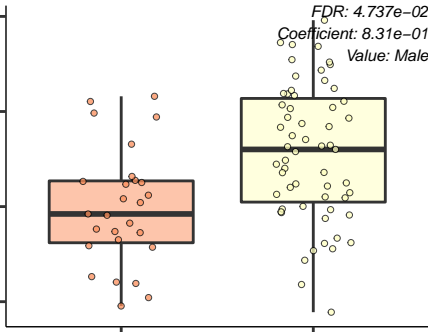
Male (n=59)

Sex

FDR:  $4.737e-02$

Coefficient:  $8.31e-01$

Value: Male



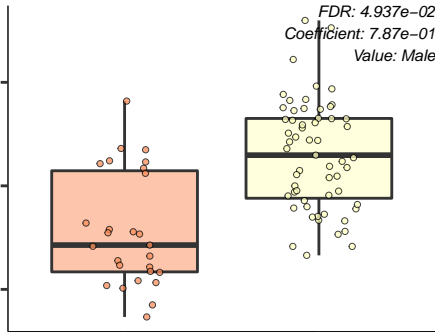
COMPLETE.ARO.PWY

FDR:  $4.937e-02$   
Coefficient:  $7.87e-01$   
Value: Male

Female (n=27)

Male (n=59)

Sex



ARO.PWY

3

2

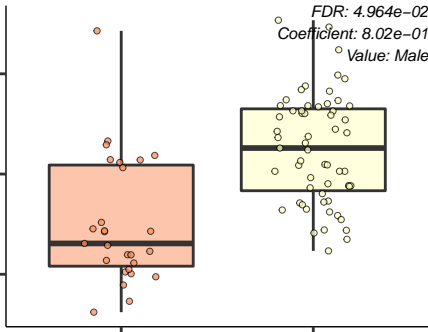
1

Female (n=27)

Male (n=59)

Sex

FDR:  $4.964e-02$   
Coefficient:  $8.02e-01$   
Value: Male





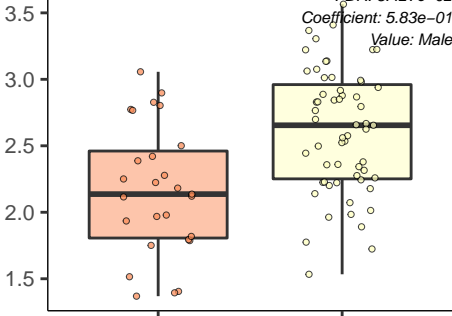
PWY.6737

Female (n=27)

Male (n=59)

Sex

FDR:  $5.427e-02$   
Coefficient:  $5.83e-01$   
Value: Male



PWY.6163

3

2

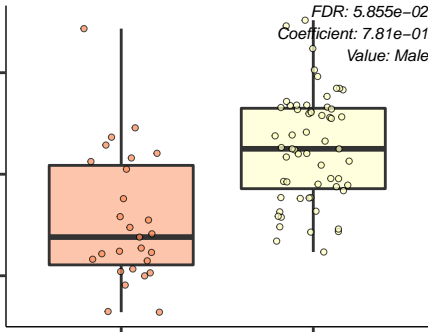
1

Female (n=27)

Male (n=59)

Sex

FDR:  $5.855e-02$   
Coefficient:  $7.81e-01$   
Value: Male



ASPASN.PWY

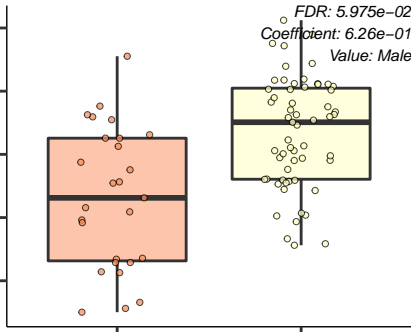
3.5  
3.0  
2.5  
2.0  
1.5

Female (n=27)

Male (n=59)

Sex

FDR:  $5.975e-02$   
Coefficient:  $6.26e-01$   
Value: Male



PWY0.1261

Female (n=27)

Male (n=59)

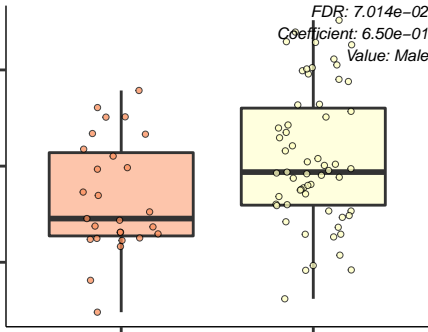
Sex

FDR:  $7.014 \times 10^{-2}$   
Coefficient:  $6.50 \times 10^{-1}$   
Value: Male

2

1

0



PWY.7392

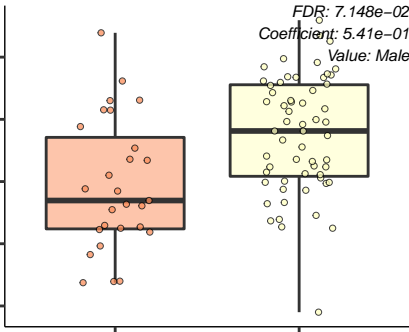
Female (n=27)

Male (n=59)

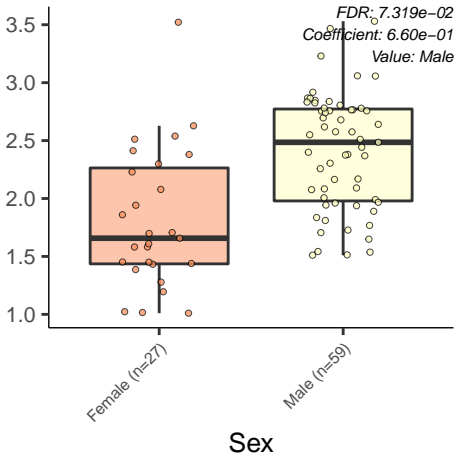
Sex

FDR:  $7.148 \times 10^{-2}$   
Coefficient:  $5.41 \times 10^{-1}$   
Value: Male

3.0  
2.5  
2.0  
1.5  
1.0



NONMEVIPP.PWY



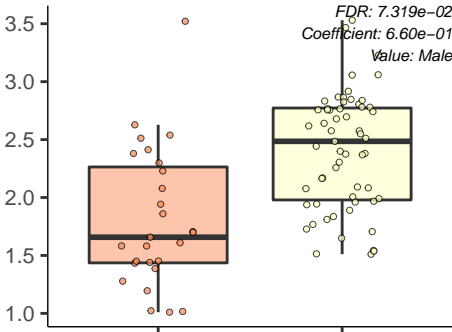
PWY.7560

Female (n=27)

Male (n=59)

Sex

FDR:  $7.319 \times 10^{-2}$   
Coefficient:  $6.60 \times 10^{-1}$   
Value: Male



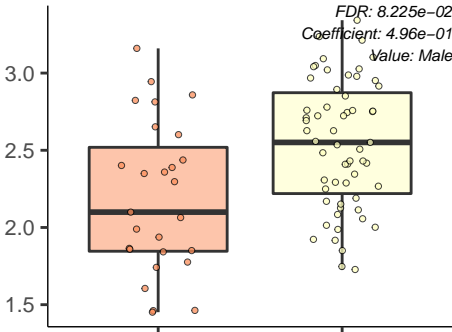
X1CMET2.PWY

Female (n=27)

Male (n=59)

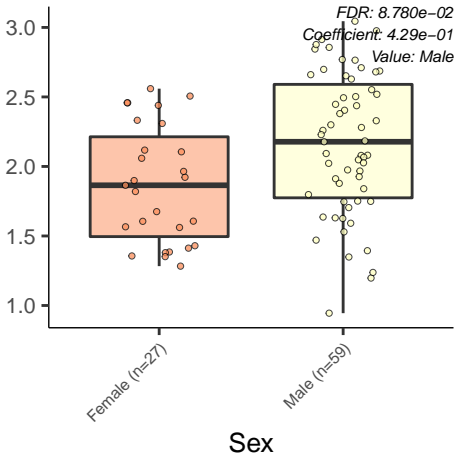
Sex

FDR:  $8.225e-02$   
Coefficient:  $4.96e-01$   
Value: Male

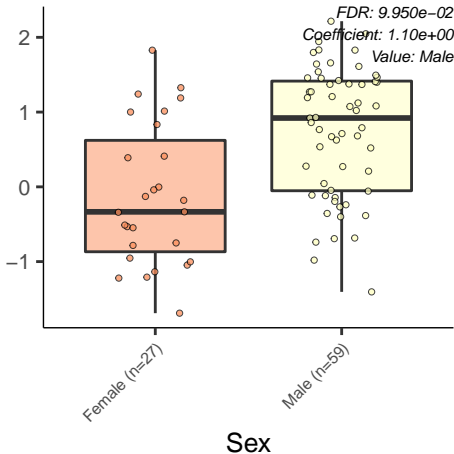




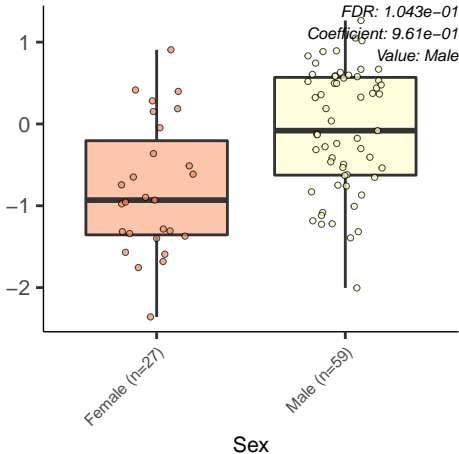
ARGSYNBSUB.PWY



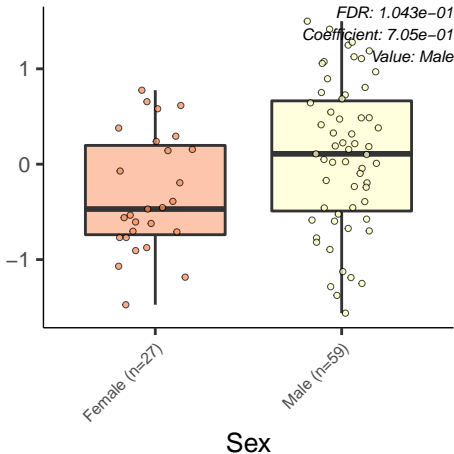
PWY.3781



GLYOXYLATE.BYPASS



PWY0.1479



SER.GLYSYN.PWY

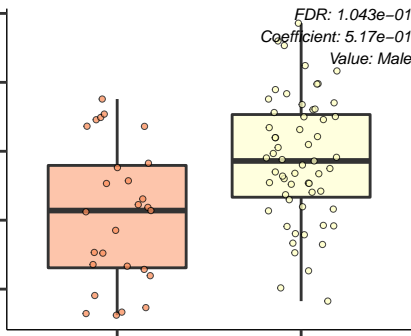
3.5  
3.0  
2.5  
2.0  
1.5

Female (n=27)

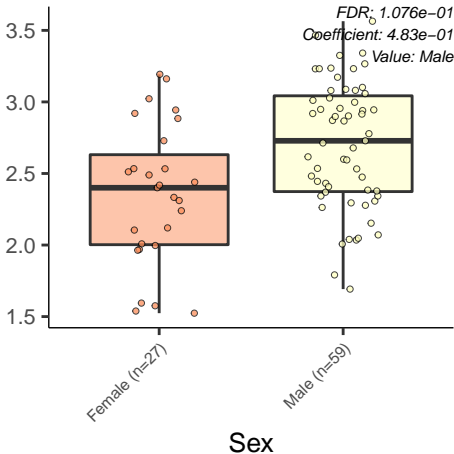
Male (n=59)

Sex

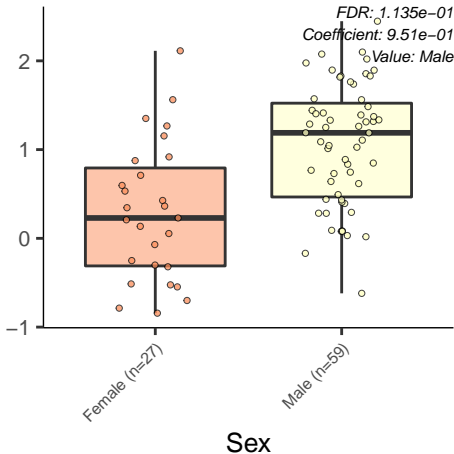
FDR: 1.043e-01  
Coefficient: 5.17e-01  
Value: Male



GLYCAT.PWY



PWY.1269



PWY.3001

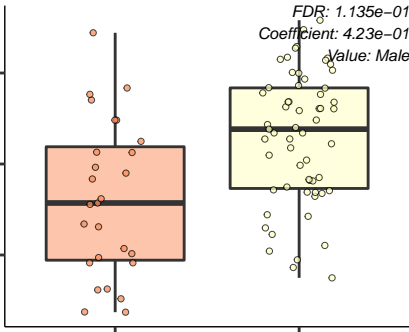
Female (n=27)

Male (n=59)

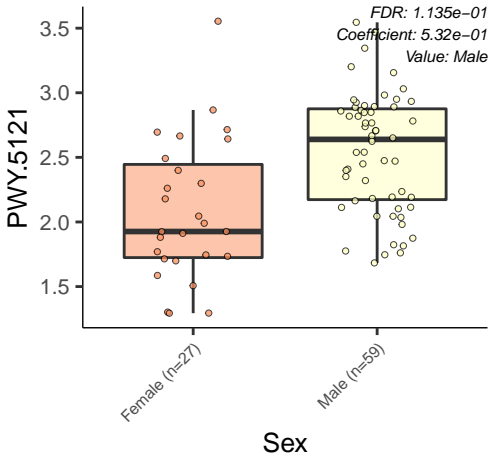
Sex

FDR: 1.135e-01  
Coefficient: 4.23e-01  
Value: Male

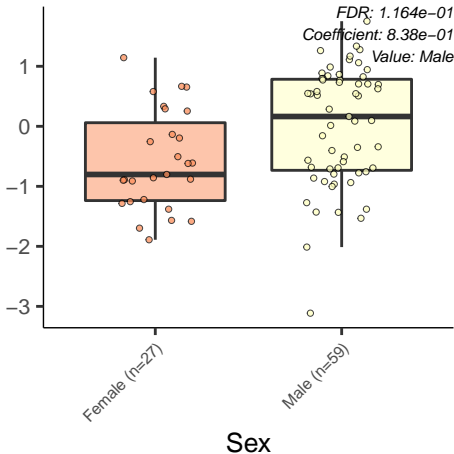
3.0  
2.5  
2.0







PWY.5304



PWY.6897

Female (n=27)

Male (n=59)

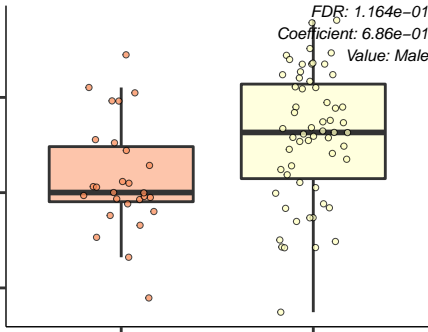
Sex

FDR: 1.164e-01  
Coefficient: 6.86e-01  
Value: Male

2

1

0



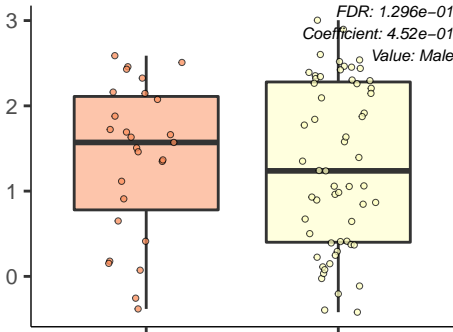
PWY.5913

Female (n=27)

Male (n=59)

Sex

FDR: 1.296e-01  
Coefficient: 4.52e-01  
Value: Male



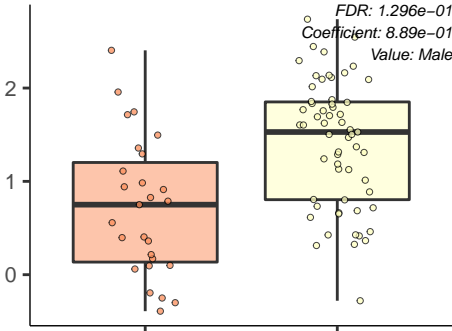
THISYN.PWY

Female (n=27)

Male (n=59)

Sex

FDR: 1.296e-01  
Coefficient: 8.89e-01  
Value: Male



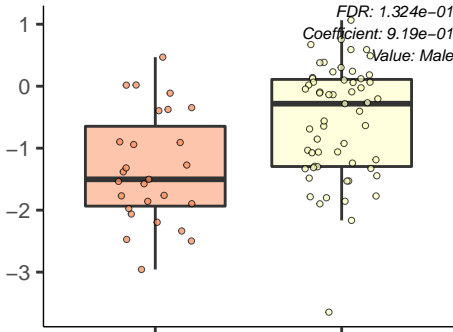
PWY.7371

Female (n=27)

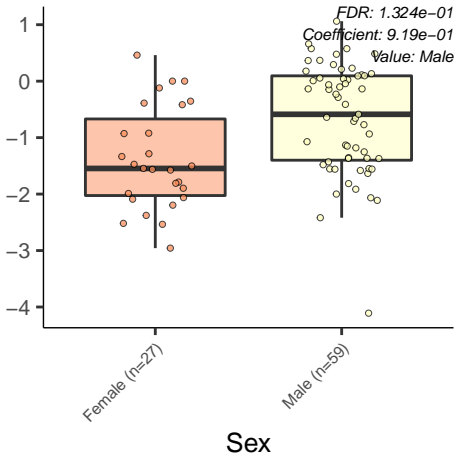
Male (n=59)

Sex

FDR: 1.324e-01  
Coefficient: 9.19e-01  
Value: Male



PWY.7374



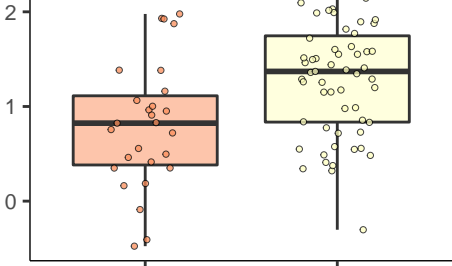
PWY.6969

Female (n=27)

Male (n=59)

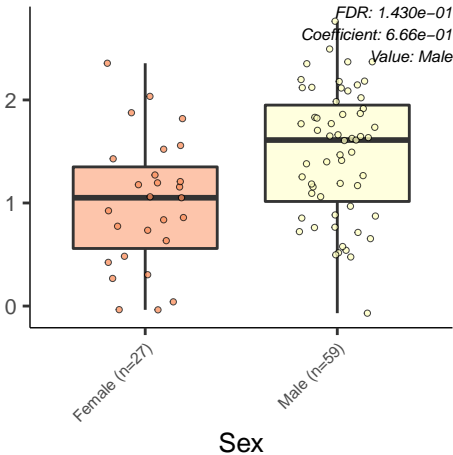
Sex

FDR: 1.413e-01  
Coefficient: 7.48e-01  
Value: Male

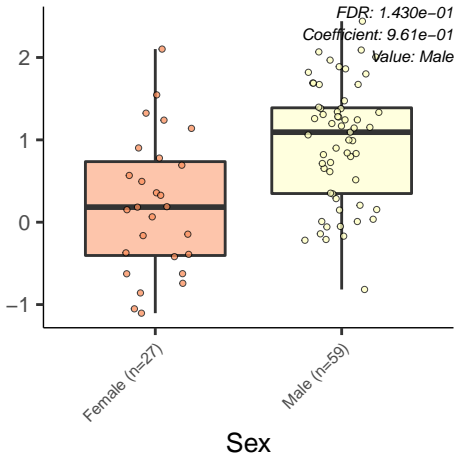




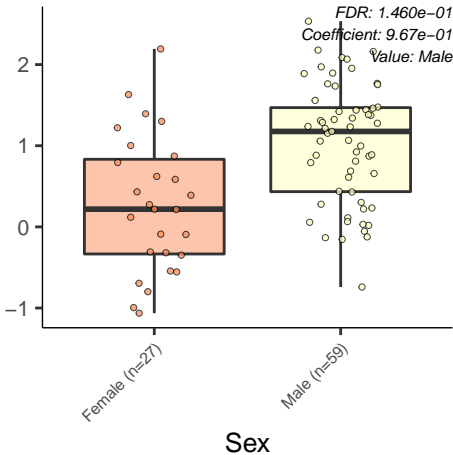
PANTO.PWY



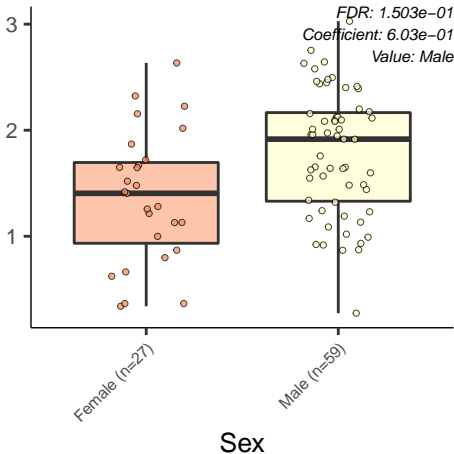
PWY.6467



NAGLIPASYN.PWY



PANTOSYN.PWY



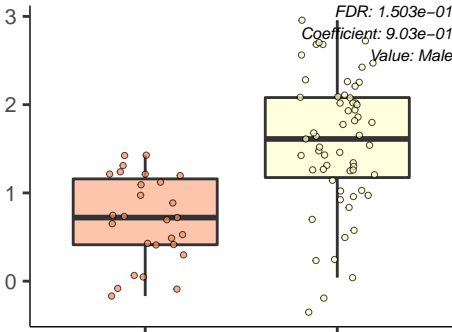
PWY.6628

Female (n=27)

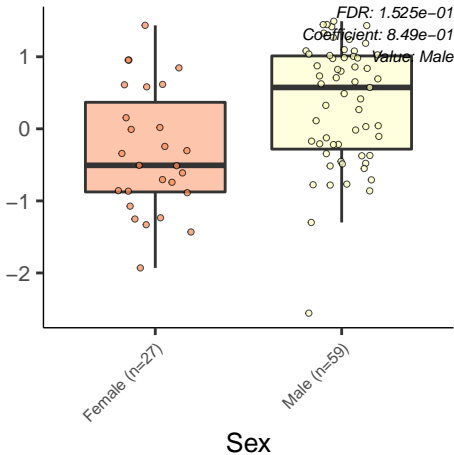
Male (n=59)

Sex

FDR: 1.503e-01  
Coefficient: 9.03e-01  
Value: Male



PWY.6263



PWY.6630

3  
2  
1  
0

Female (n=27)

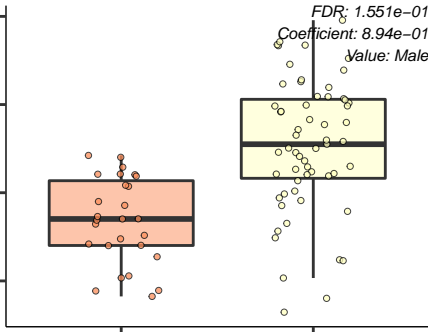
Male (n=59)

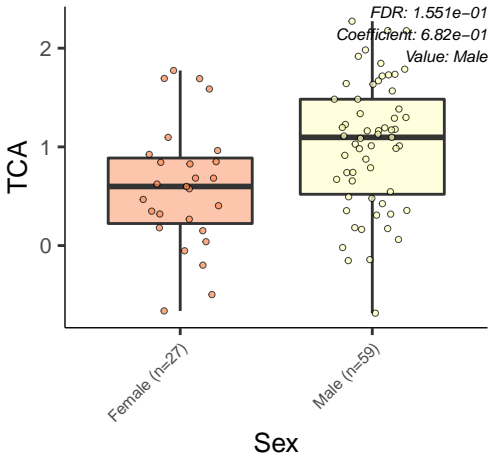
Sex

FDR: 1.551e-01

Coefficient: 8.94e-01

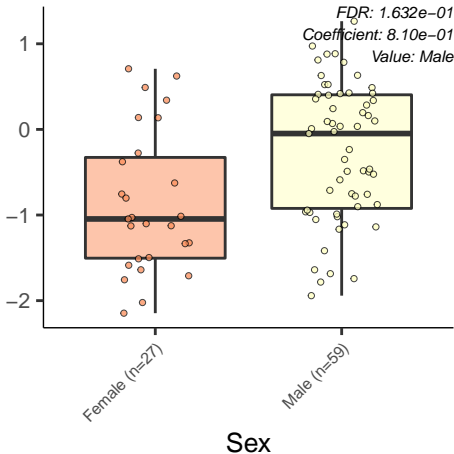
Value: Male



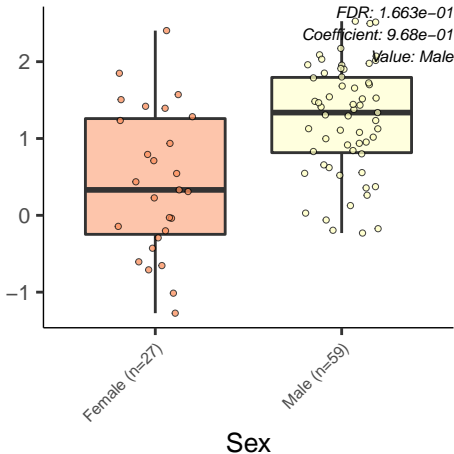




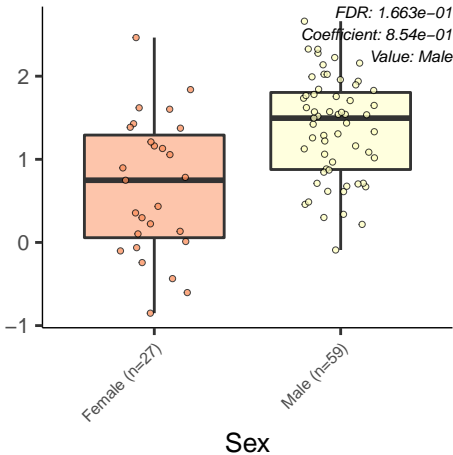
PWY0.1241



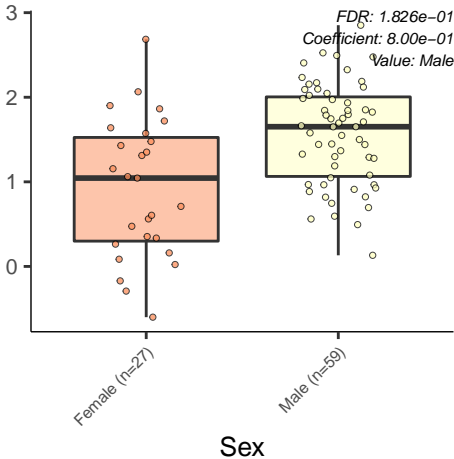
PWY.5154



PWY.7323



COLANSYN.PWY



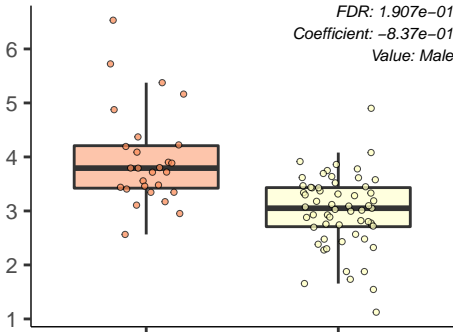
PWY0.1586

*FDR: 1.907e-01*  
*Coefficient: -8.37e-01*  
*Value: Male*

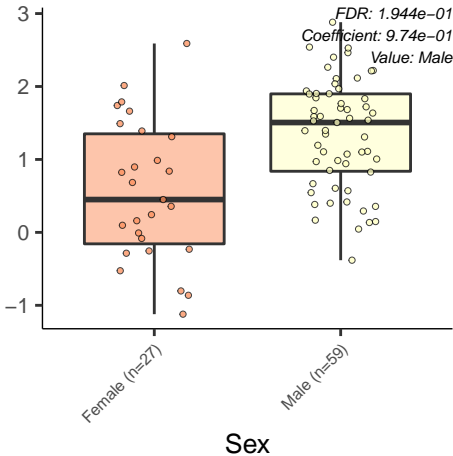
Female (n=27)

Male (n=59)

Sex



P108.PWY



P161.PWY

FDR: 1.944e-01

Coefficient: -9.03e-01

Value: Male

Female (n=27)

Male (n=59)

Sex

6

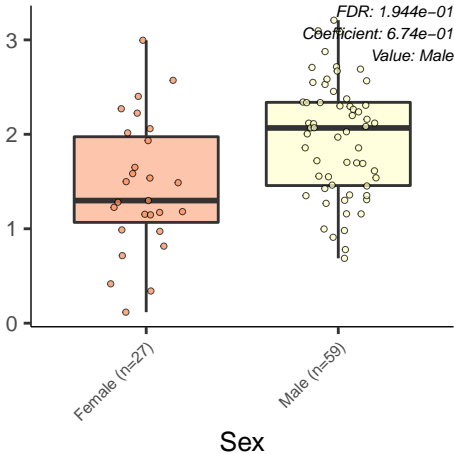
5

4

3

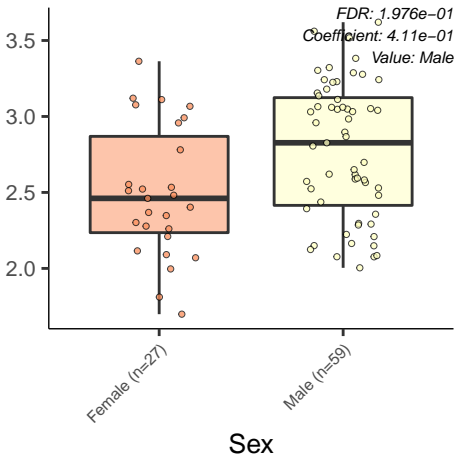
2

P42.PWY





CALVIN.PWY



PWY.6892

Female (n=27)

Male (n=59)

Sex

FDR: 1.976e-01

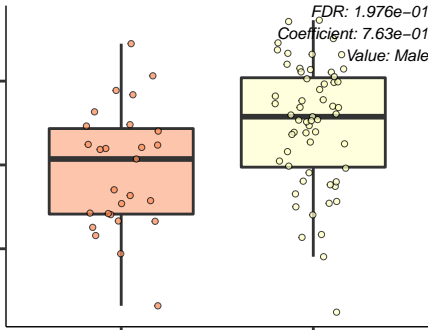
Coefficient: 7.63e-01

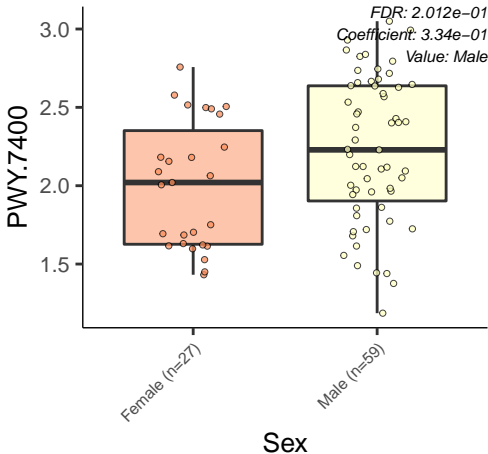
Value: Male

2

1

0





PWY.6700

*FDR: 2.112e-01*  
*Coefficient: 8.28e-01*  
*Value: Male*

Female (n=27)

Male (n=59)

Sex

3

2

1

0

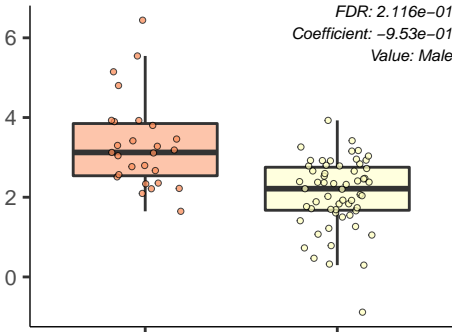
PWY.922

Female (n=27)

Male (n=59)

Sex

*FDR: 2.116e-01*  
*Coefficient: -9.53e-01*  
*Value: Male*



ARGSYN.PWY

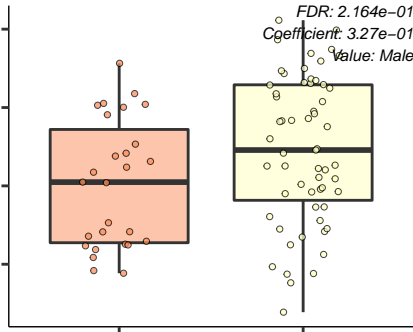
3.0  
2.5  
2.0  
1.5

Female (n=27)

Male (n=59)

Sex

FDR: 2.164e-01  
Coefficient: 3.27e-01  
Value: Male



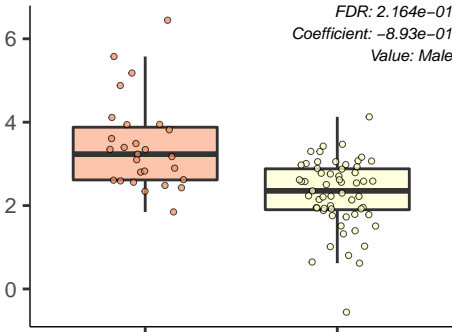
PWY.5910

Female (n=27)

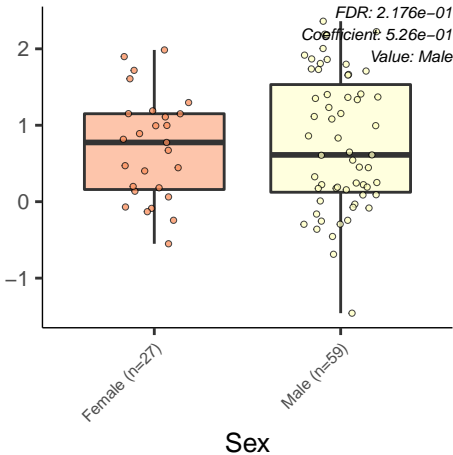
Male (n=59)

Sex

*FDR: 2.164e-01*  
*Coefficient: -8.93e-01*  
*Value: Male*



P23.PWY





PWY.5659

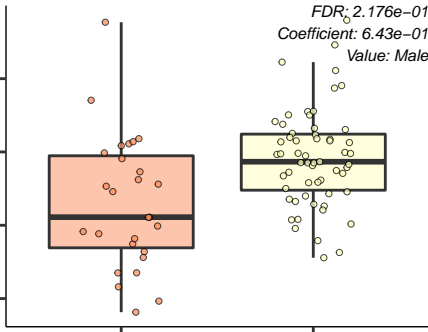
Female (n=27)

Male (n=59)

Sex

FDR:  $2.176e-01$   
Coefficient:  $6.43e-01$   
Value: Male

3  
2  
1  
0



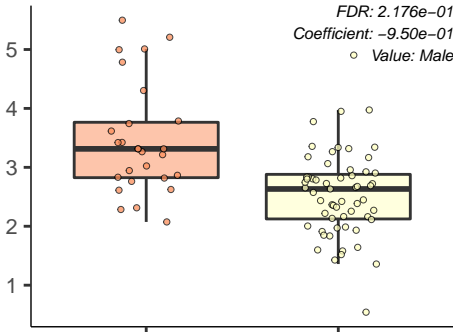
PWY.7184

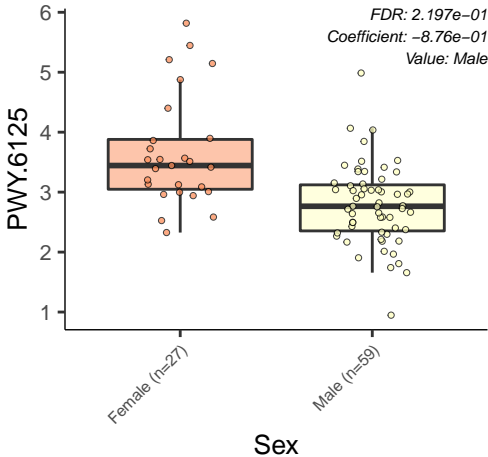
Female (n=27)

Male (n=59)

Sex

FDR:  $2.176e-01$   
Coefficient:  $-9.50e-01$   
○ Value: Male





PWY.7228

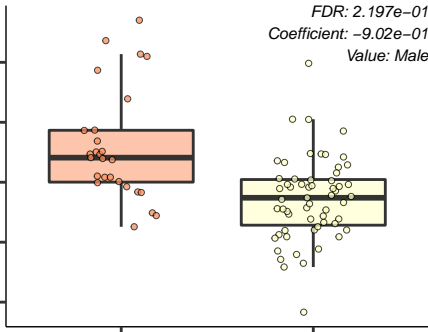
Female (n=27)

Male (n=59)

Sex

FDR: 2.197e-01  
Coefficient: -9.02e-01  
Value: Male

5  
4  
3  
2  
1



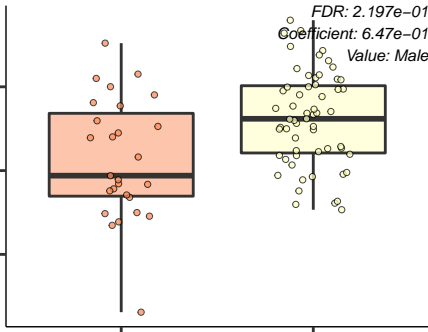
TRPSYN.PWY

Female (n=27)

Male (n=59)

Sex

FDR: 2.197e-01  
Coefficient: 6.47e-01  
Value: Male



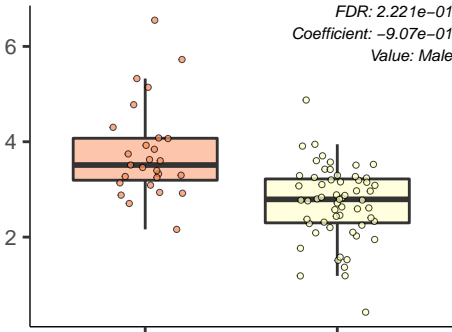
P122.PWY

Female (n=27)

Male (n=59)

Sex

FDR: 2.221e-01  
Coefficient: -9.07e-01  
Value: Male



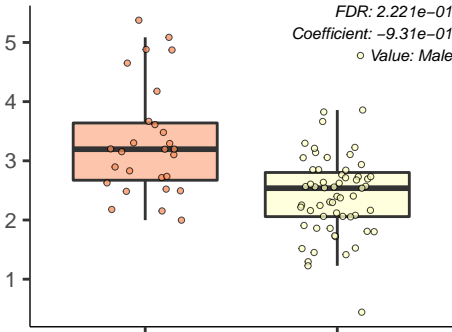
PWY.7197

Female (n=27)

Male (n=59)

Sex

FDR: 2.221e-01  
Coefficient: -9.31e-01  
○ Value: Male



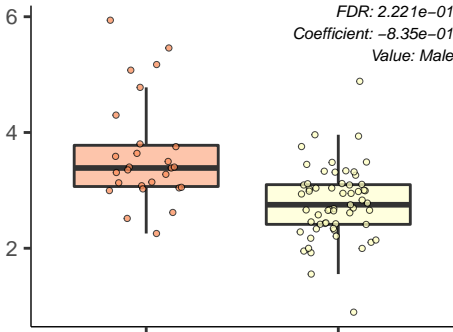
PWY0.166

FDR: 2.221e-01  
Coefficient: -8.35e-01  
Value: Male

Female (n=27)

Male (n=59)

Sex



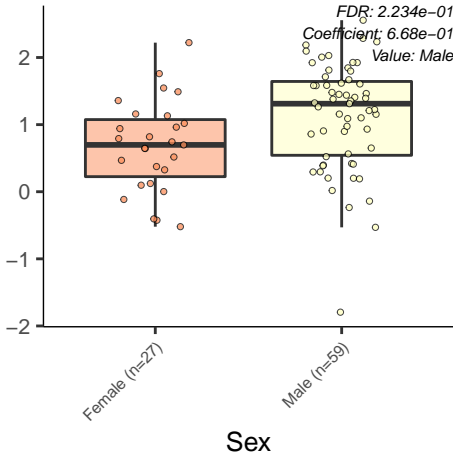


PWY.6703

FDR: 2.234e-01

Coefficient: 6.68e-01

Value: Male



PWY.7187

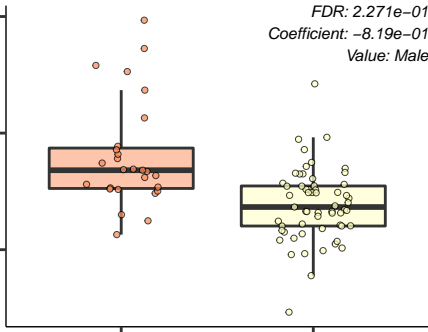
6  
4  
2

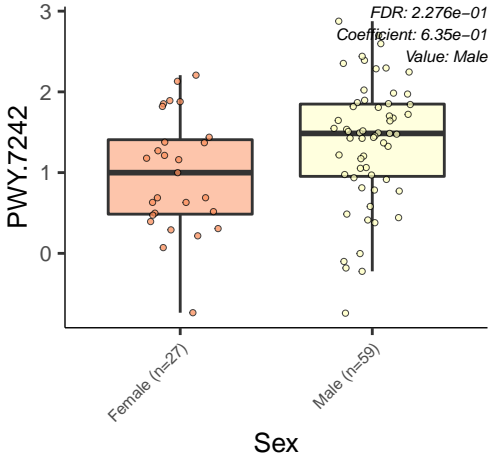
Female (n=27)

Male (n=59)

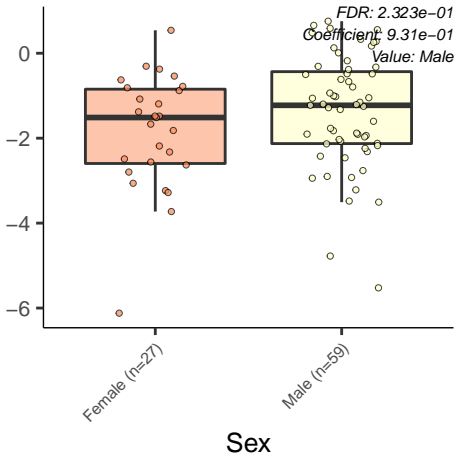
Sex

*FDR: 2.271e-01*  
*Coefficient: -8.19e-01*  
*Value: Male*





CODH.PWY



POLYISOPRENSYN.PWY

FDR: 2.331e-01

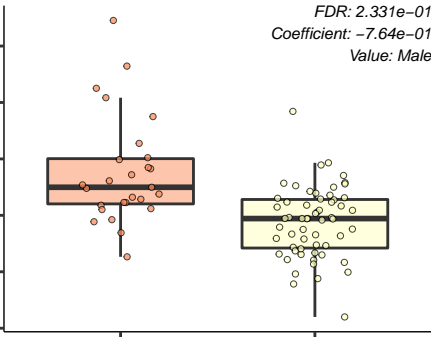
Coefficient: -7.64e-01

Value: Male

Female (n=27)

Male (n=59)

Sex



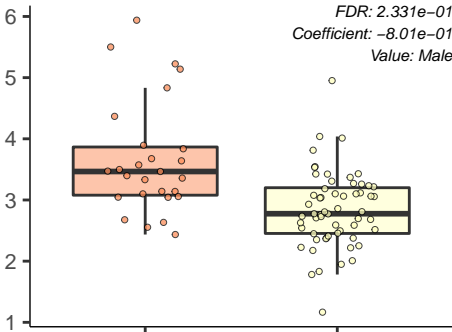
PWY0.162

*FDR: 2.331e-01*  
*Coefficient: -8.01e-01*  
*Value: Male*

Female (n=27)

Male (n=59)

Sex



PWY.6471

*FDR: 2.372e-01*

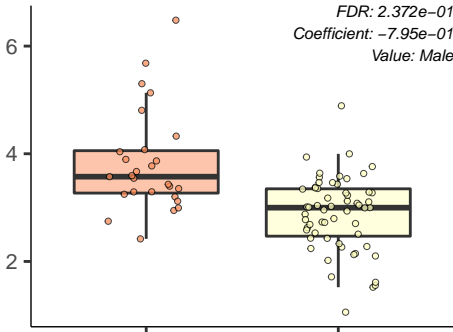
*Coefficient: -7.95e-01*

*Value: Male*

Female (n=27)

Male (n=59)

Sex



P124.PWY

*FDR: 2.389e-01*

*Coefficient: -8.39e-01*

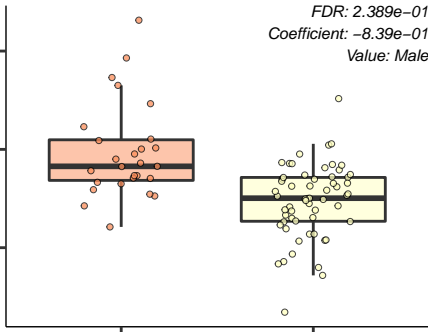
*Value: Male*

Female (n=27)

Male (n=59)

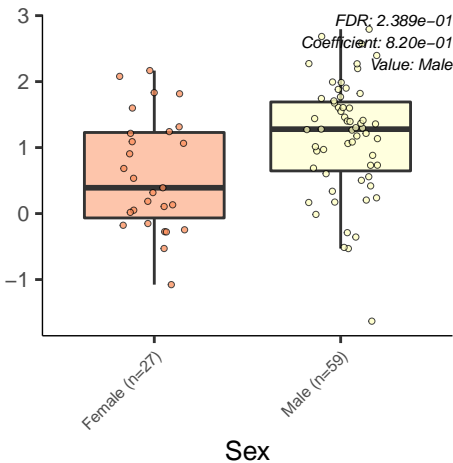
Sex

6  
4  
2

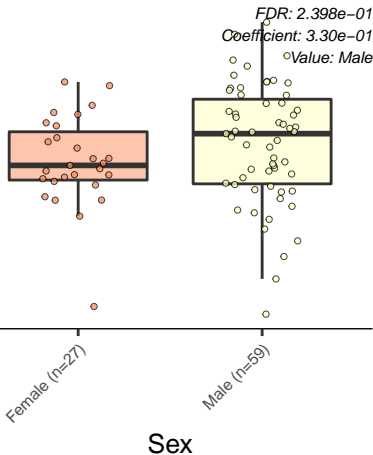




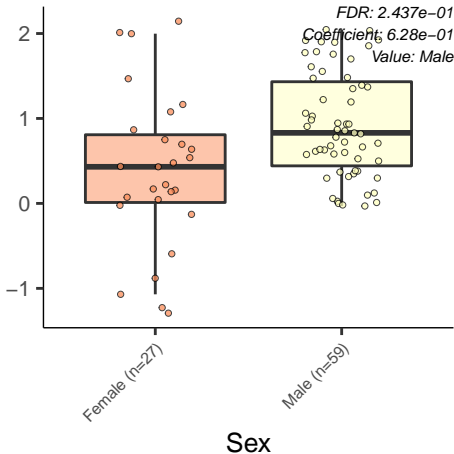
PWY.6507



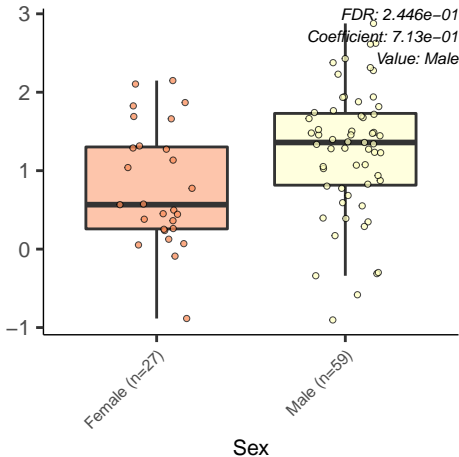
HEMESYN2.PWY



PWY.7211



GALACTUROCAT.PWY



PWY.5100

*FDR: 2.478e-01*

*Coefficient: -6.85e-01*

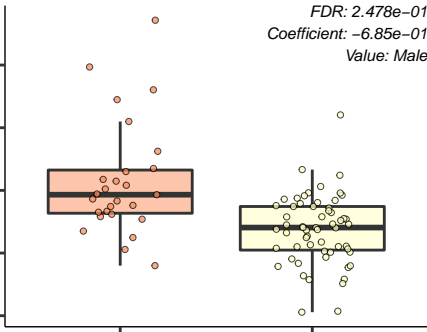
*Value: Male*

Female (n=27)

Male (n=59)

Sex

6  
5  
4  
3  
2



PWY.7199

Female (n=27)

Male (n=59)

Sex

*FDR: 2.478e-01*

*Coefficient: 5.66e-01*

*Value: Male*

3

2

1

PWY.7220

*FDR: 2.478e-01*

*Coefficient: -6.82e-01*

*Value: Male*

6

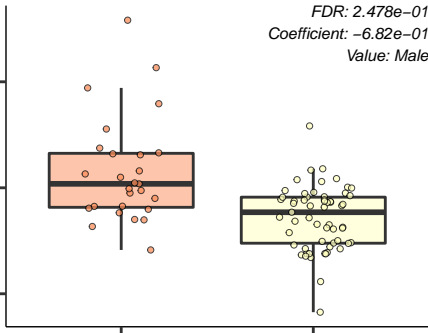
4

2

Female (n=27)

Male (n=59)

Sex



PWY.7222

*FDR: 2.478e-01*

*Coefficient: -6.82e-01*

*Value: Male*

Female (n=27)

Male (n=59)

Sex

6

4

2



PWY4FS.7

*FDR: 2.478e-01*

*Coefficient: -6.92e-01*

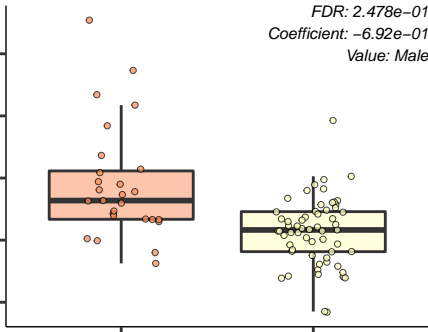
*Value: Male*

Female (n=27)

Male (n=59)

Sex

6  
5  
4  
3  
2



PWY4FS.8

*FDR: 2.478e-01*

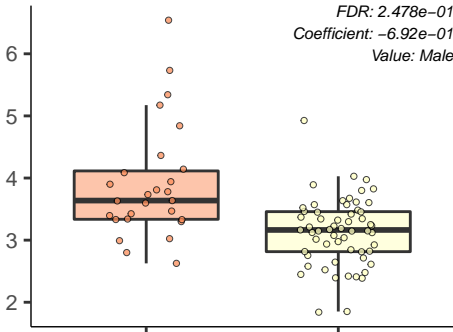
*Coefficient: -6.92e-01*

*Value: Male*

Female (n=27)

Male (n=59)

Sex



PWY.6545

