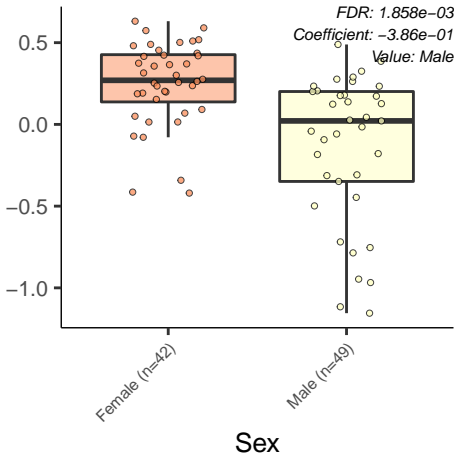


PWY.5384



TEICHOICACID.PWY

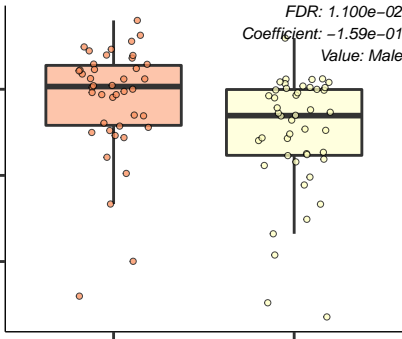
0.4  
0.0  
-0.4

Female (n=42)

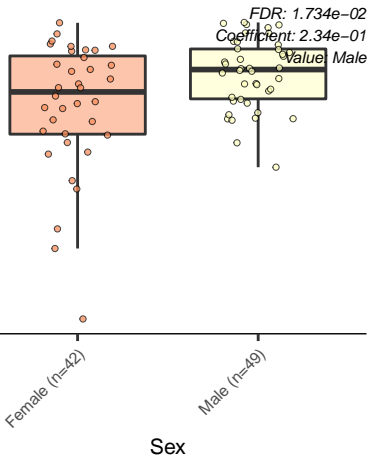
Male (n=49)

Sex

FDR:  $1.100\text{e-}02$   
Coefficient:  $-1.59\text{e-}01$   
Value: Male



HEXITOLDEGSUPER.PWY



PWY.5101

Female (n=42)

Male (n=49)

Sex

FDR: 1.982e-02

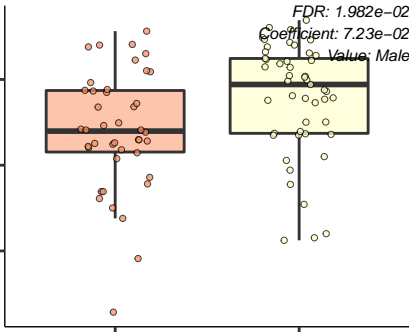
Coefficient: 7.23e-02

Value: Male

0.4

0.2

0.0



ILEUSYN.PWY

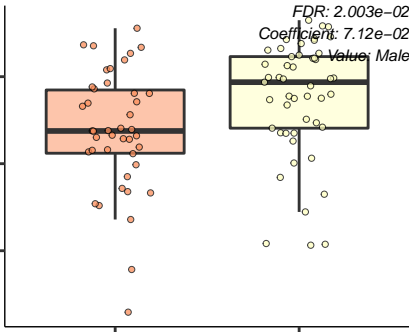
0.4  
0.2  
0.0

Female (n=42)

Male (n=49)

Sex

FDR:  $2.003e-02$   
Coefficient:  $7.12e-02$   
Value: Male



VALSYN.PWY

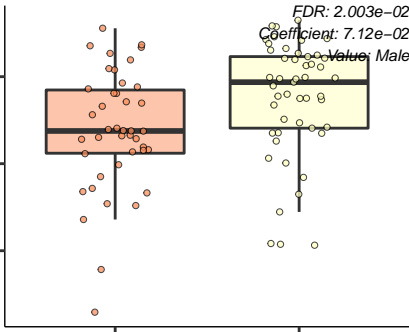
0.4  
0.2  
0.0

Female (n=42)

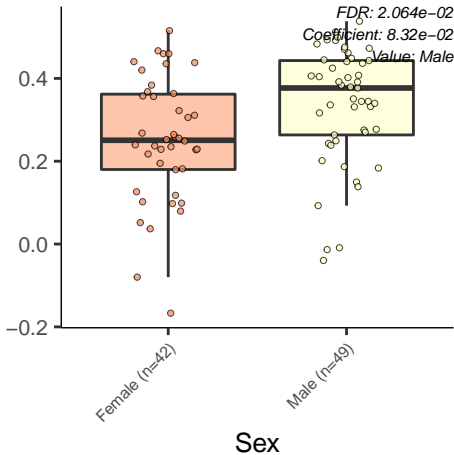
Male (n=49)

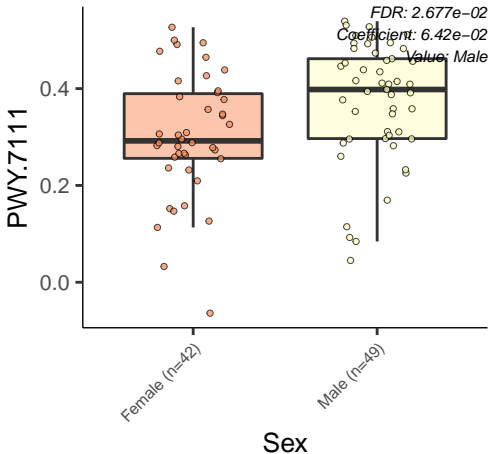
Sex

FDR:  $2.003e-02$   
Coefficient:  $7.12e-02$   
Value: Male



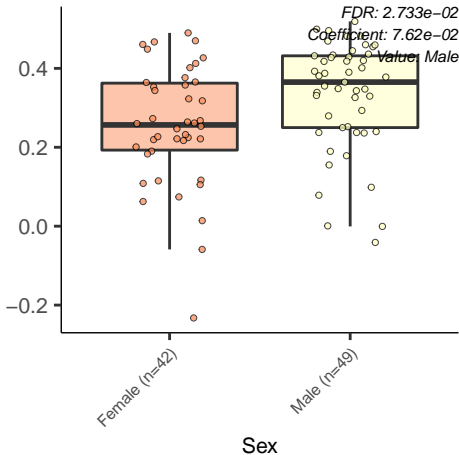
PWY.5104







BRANCHED.CHAIN.AA.SYN.PWY



PWY.7211

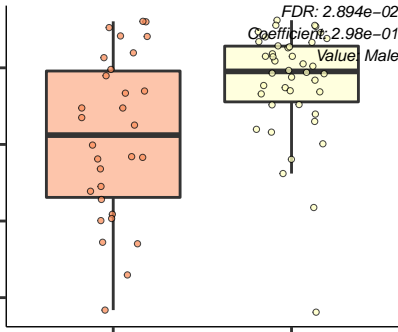
0.0  
-0.5  
-1.0  
-1.5

Female (n=42)

Male (n=49)

Sex

FDR:  $2.894e-02$   
Coefficient:  $2.98e-01$   
Value: Male



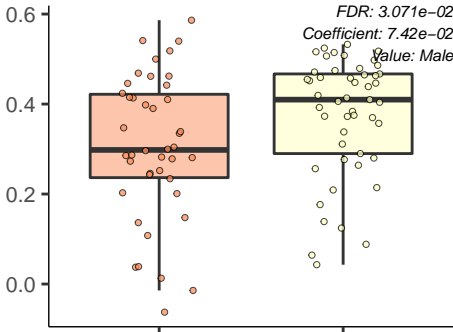
PWY.6737

Female (n=42)

Male (n=49)

Sex

FDR: 3.071e-02  
Coefficient: 7.42e-02  
Value: Male



COMPLETE.ARO.PWY

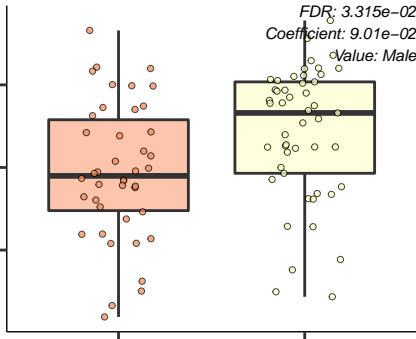
0.4  
0.2  
0.0

Female (n=42)

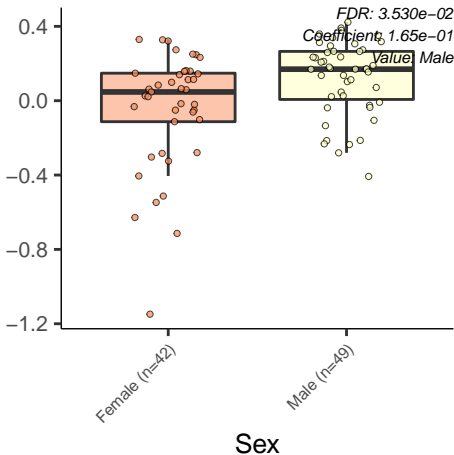
Male (n=49)

Sex

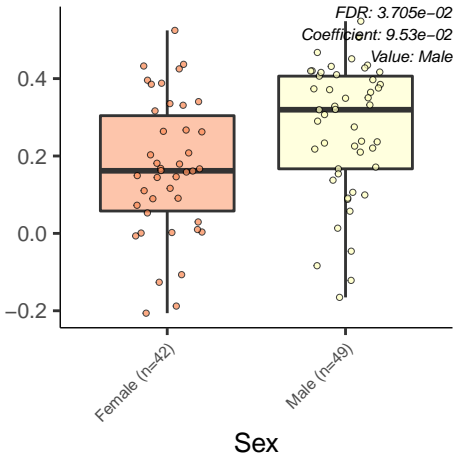
FDR:  $3.315e-02$   
Coefficient:  $9.01e-02$   
Value: Male



PWY.7242



ARO.PWY



GLYCOCAT.PWY

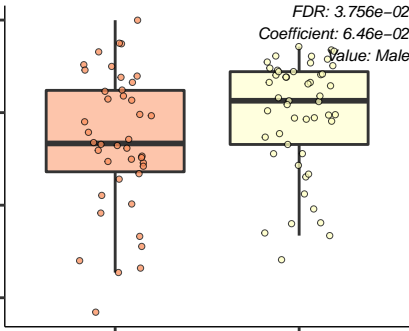
0.6  
0.4  
0.2  
0.0

Female (n=42)

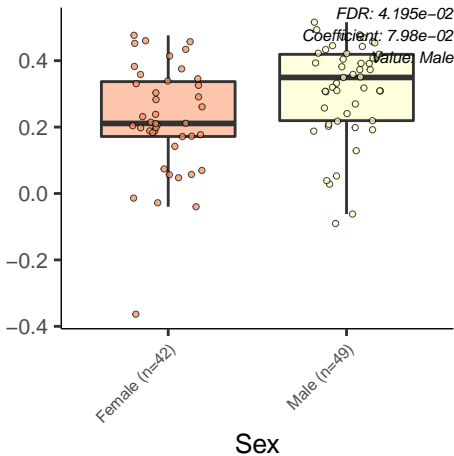
Male (n=49)

Sex

*FDR: 3.756e-02*  
*Coefficient: 6.46e-02*  
*Value: Male*

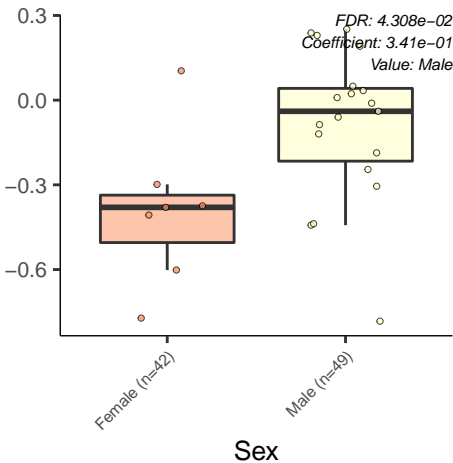


PWY.5103





P341.PWY



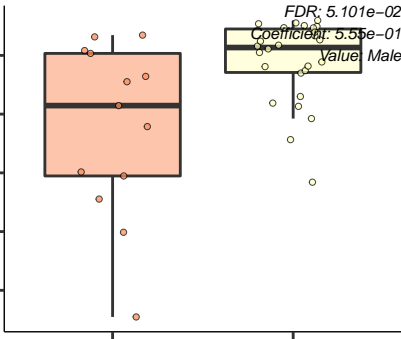
NAD.BIOSYNTHESIS.II

Female (n=42)

Male (n=49)

Sex

FDR: 5.101e-02  
Coefficient: 5.55e-01  
Value Male



PWY.7013

Female (n=42)

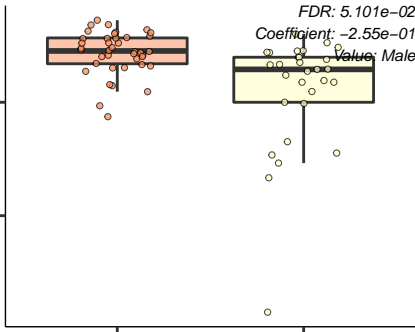
Male (n=49)

Sex

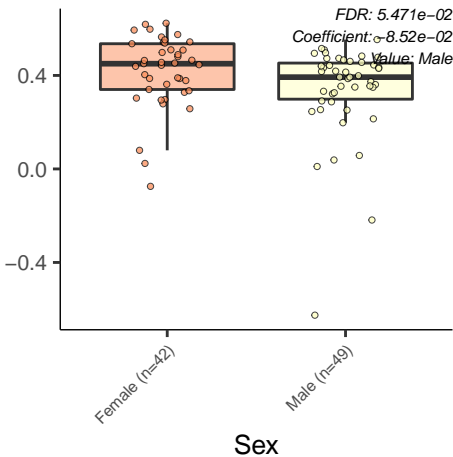
*FDR: 5.101e-02*

*Coefficient: -2.55e-01*

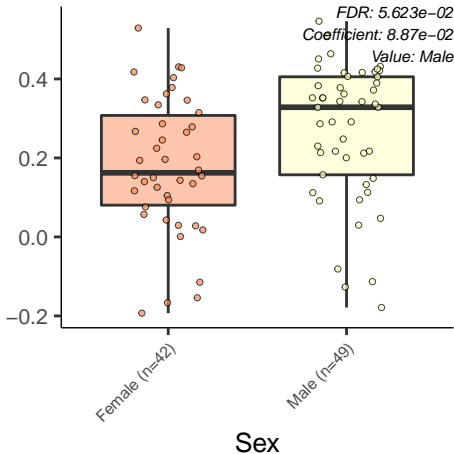
*Value: Male*



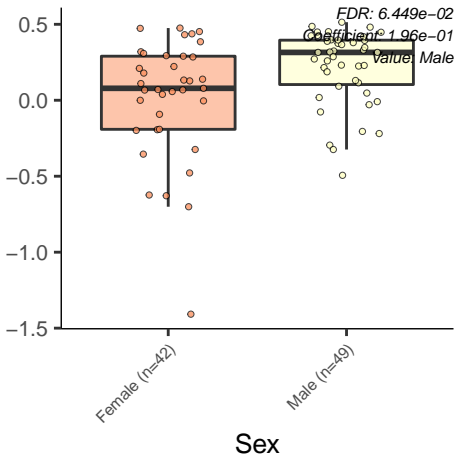
DTDPRHAMSYN.PWY



PWY.6163



PWY.5505



X1CMET2.PWY

0.4

0.2

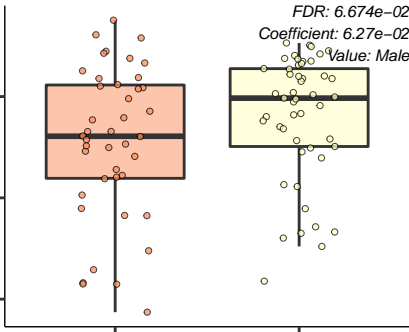
0.0

Female (n=42)

Male (n=49)

Sex

FDR:  $6.674e-02$   
Coefficient:  $6.27e-02$   
Value: Male



SER.GLYSYN.PWY

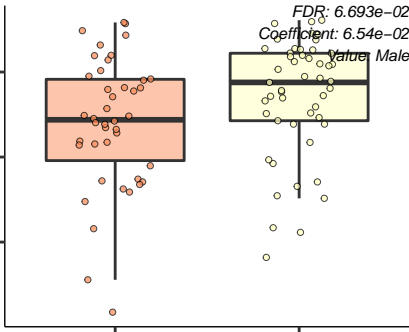
Female (n=42)

Male (n=49)

Sex

0.0  
0.2  
0.4

FDR:  $6.693e-02$   
Coefficient:  $6.54e-02$   
Value Male





PWY.5188

Female (n=42)

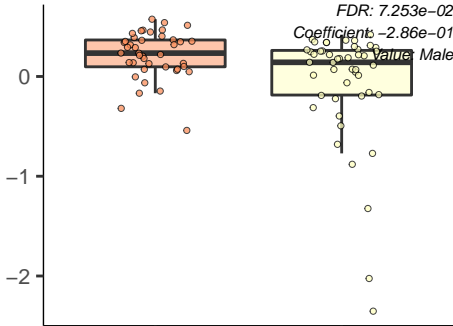
Male (n=49)

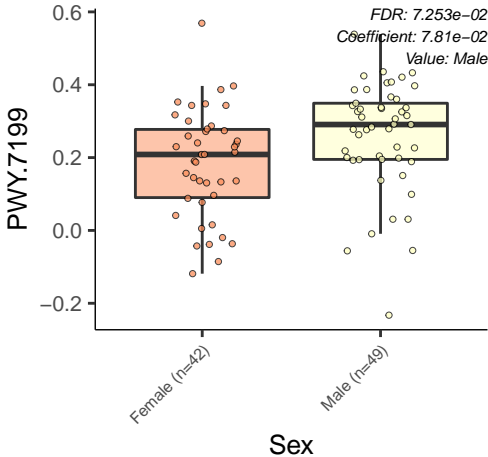
Sex

*FDR: 7.253e-02*

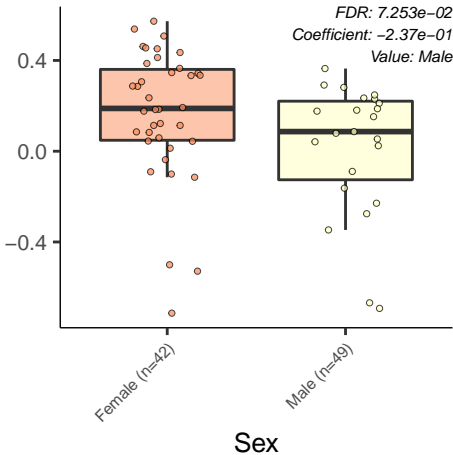
*Coefficient: -2.86e-01*

*Value: Male*

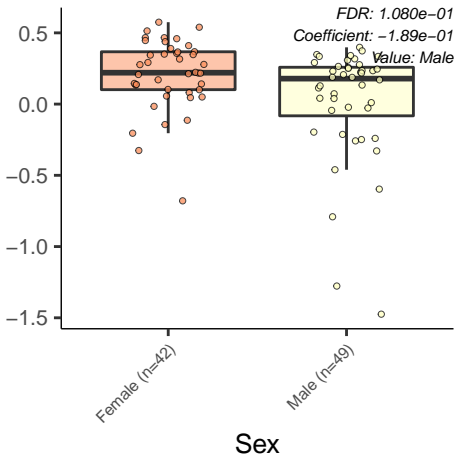




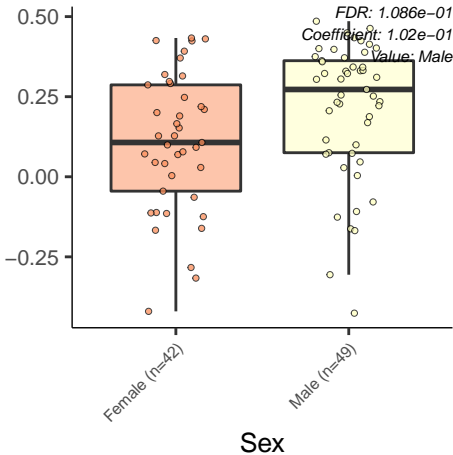
PWY.7377

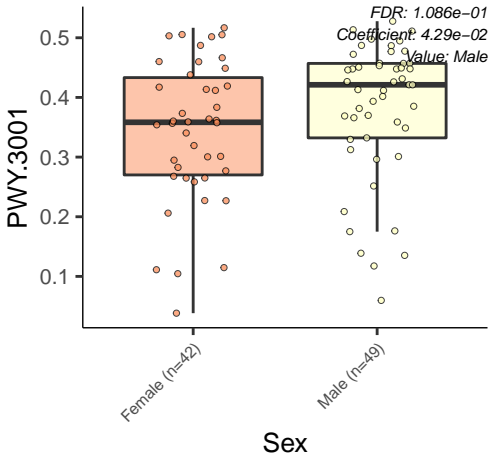


PWY.5189

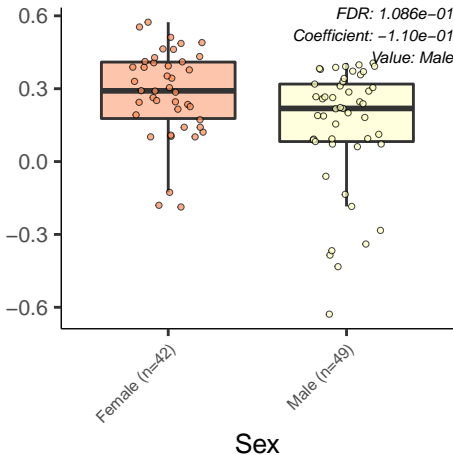


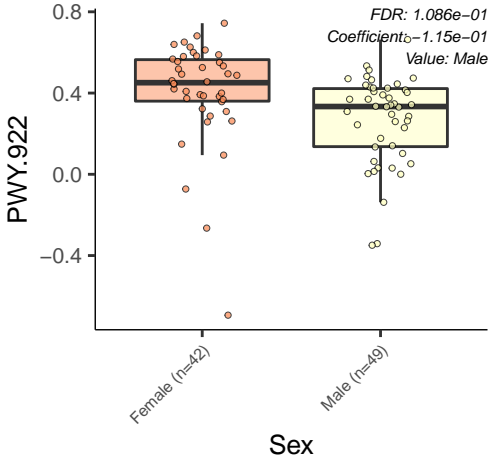
HISTSYN.PWY





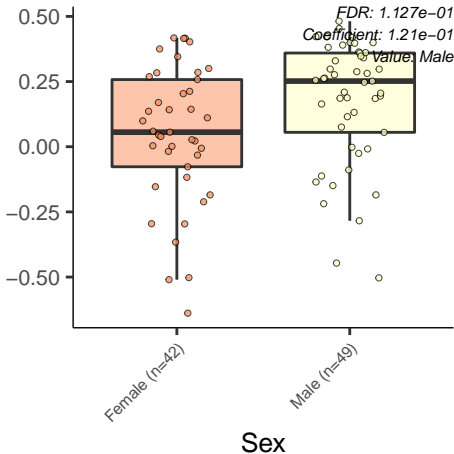
PWY.7539



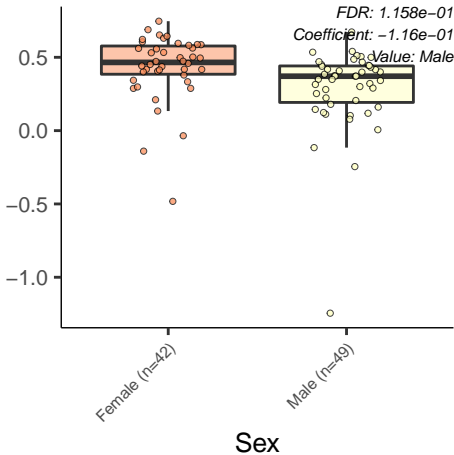




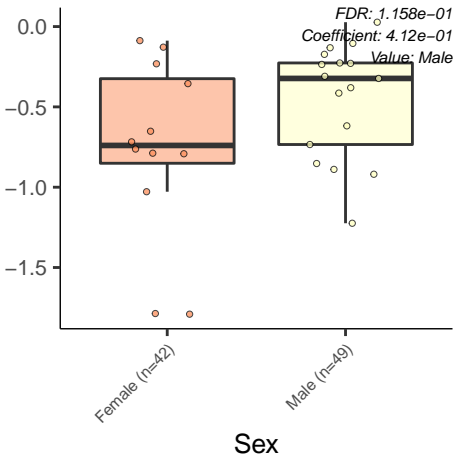
GLUTORN.PWY



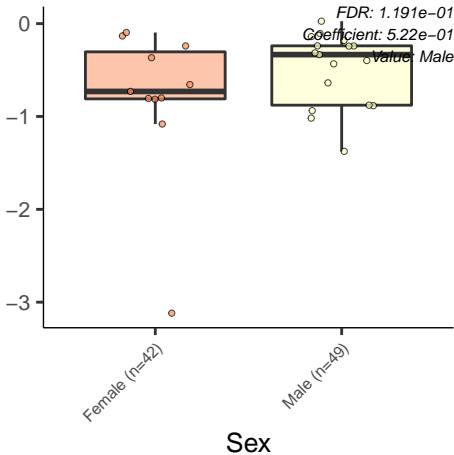
PWY.5910



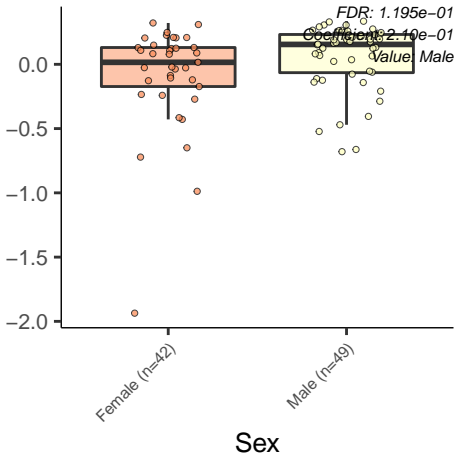
PWY.7371



PWY.7374



PWY.7323



ASPASN.PWY

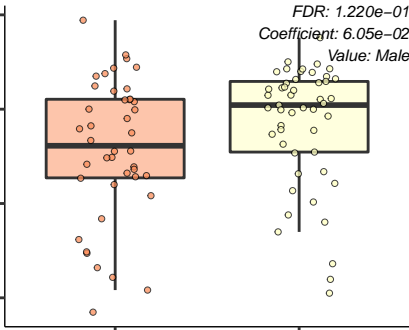
0.6  
0.4  
0.2  
0.0

Female (n=42)

Male (n=49)

Sex

FDR: 1.220e-01  
Coefficient: 6.05e-02  
Value: Male



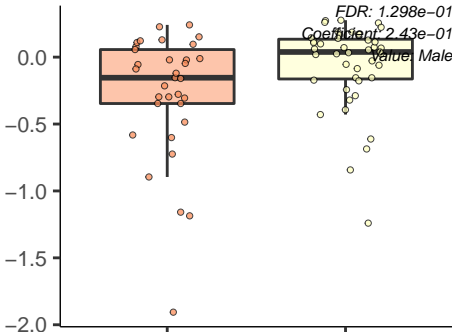
PWY.6467

Female (n=42)

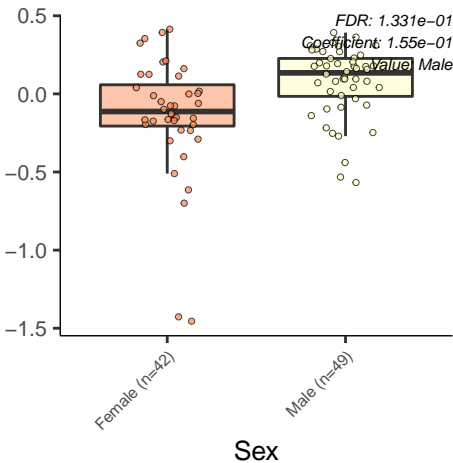
Male (n=49)

Sex

FDR: 1.298e-01  
Coefficient: 2.43e-01  
Value: Male



PRPP.PWY





PWY.5695

Female (n=42)

Male (n=49)

Sex

FDR: 1.332e-01  
Coefficient: -5.54e-02  
Value: Male

0.6

0.4

0.2

NONMEVIP.PWY

0.4

0.2

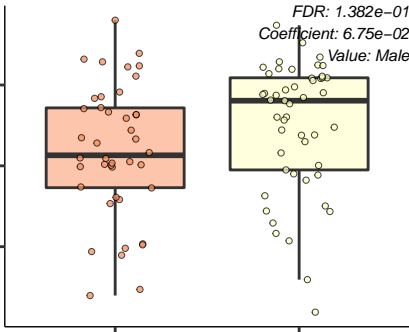
0.0

Female (n=42)

Male (n=49)

Sex

FDR: 1.382e-01  
Coefficient: 6.75e-02  
Value: Male



OANTIGEN.PWY

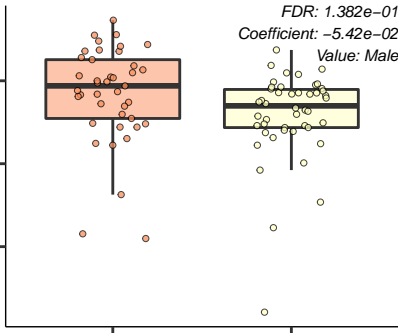
0.50  
0.25  
0.00

Female (n=42)

Male (n=49)

Sex

FDR:  $1.382 \times 10^{-1}$   
Coefficient:  $-5.42 \times 10^{-2}$   
Value: Male



PWY.7560

Female (n=42)

Male (n=49)

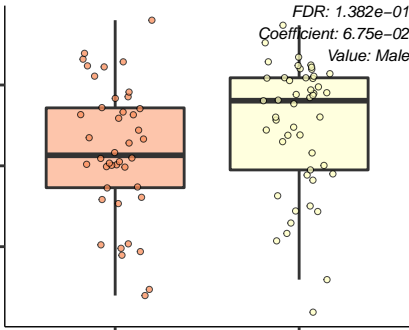
Sex

FDR: 1.382e-01  
Coefficient: 6.75e-02  
Value: Male

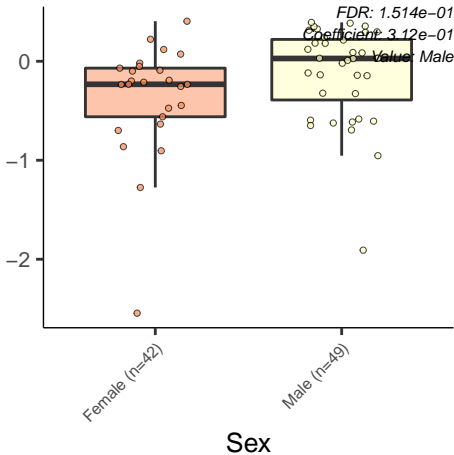
0.4

0.2

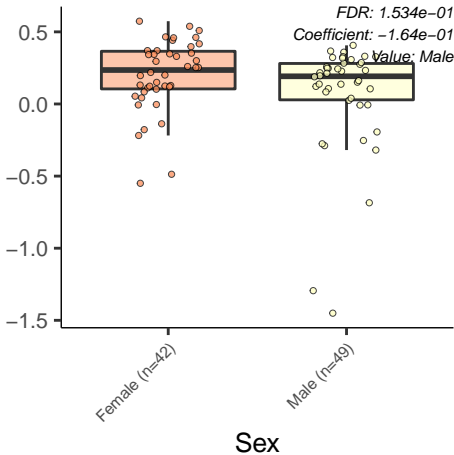
0.0



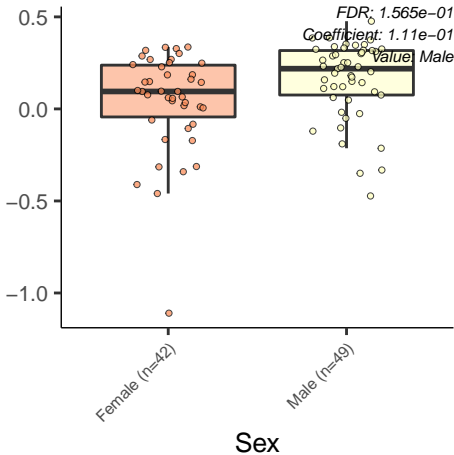
P164.PWY



COBALSYN.PWY



TRPSYN.PWY



THISYN.PWY

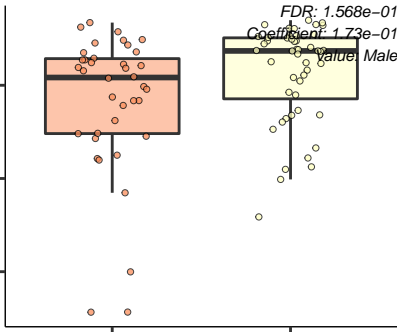
0.0  
-0.5  
-1.0

Female (n=42)

Male (n=49)

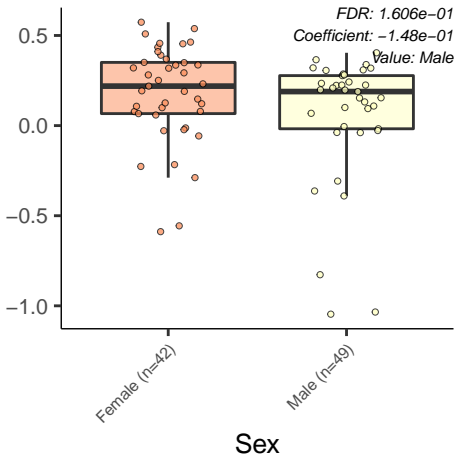
Sex

FDR: 1.568e-01  
Coefficient: 1.73e-01  
Value: Male





PWY.6269



PWY.5304

Female (n=42)

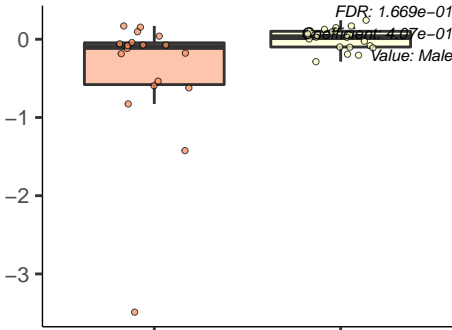
Male (n=49)

Sex

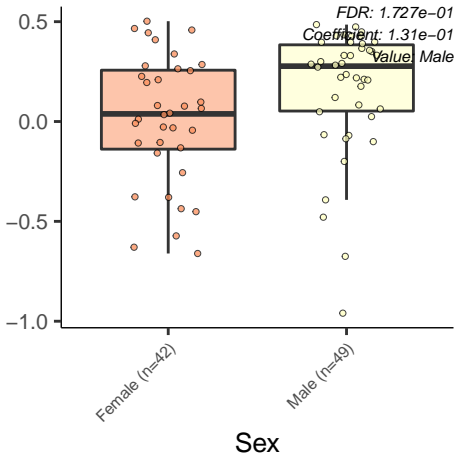
FDR: 1.669e-01

Coefficient: 4.07e-01

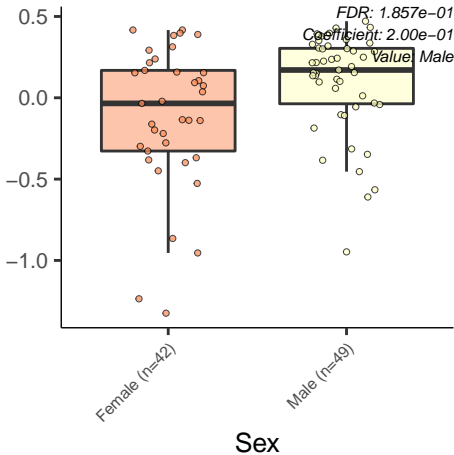
Value: Male



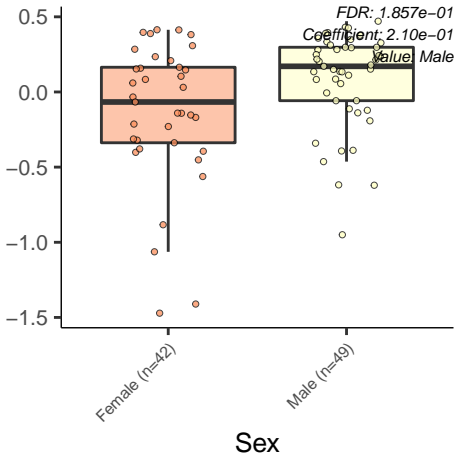
PWY.1861

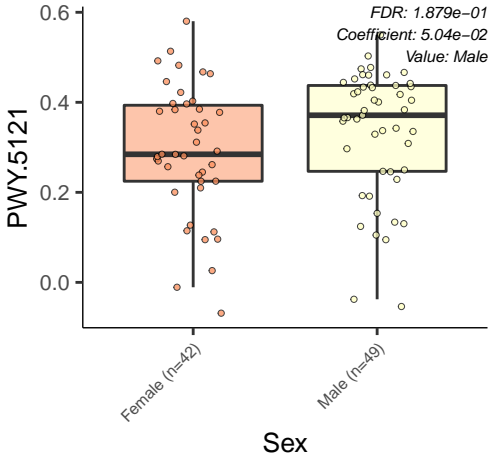


PWY.6628

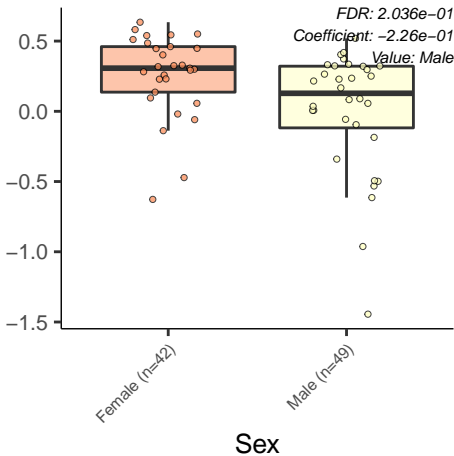


PWY.6630





PWY.4984



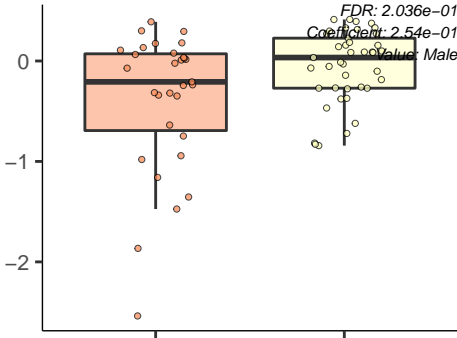
SALVADEHYPOX.PWY

Female (n=42)

Male (n=49)

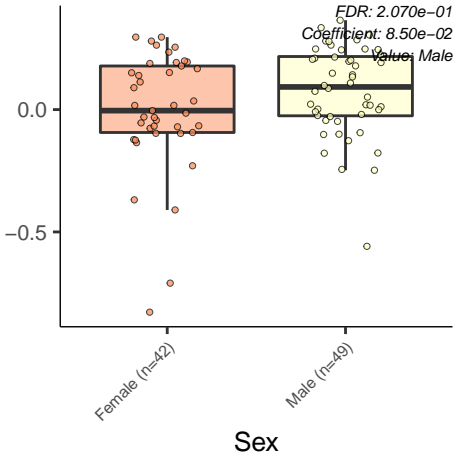
Sex

FDR: 2.036e-01  
Coefficient: 2.54e-01  
Value: Male

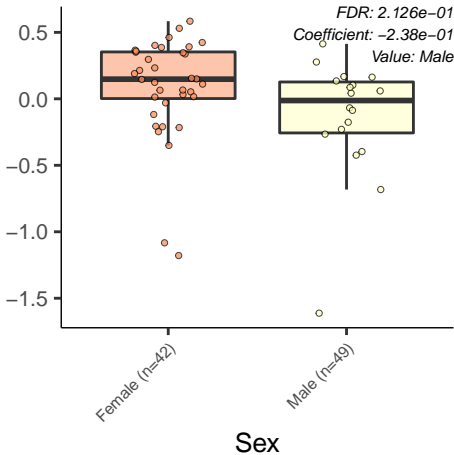




P4.PWY



GOLPDL CAT.PWY



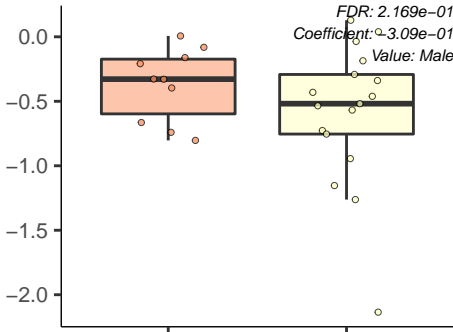
PWY.5345

Female (n=42)

Male (n=49)

Sex

FDR:  $2.169 \times 10^{-1}$   
Coefficient:  $-3.09 \times 10^{-1}$   
Value: Male



PWY.6703

Female (n=42)

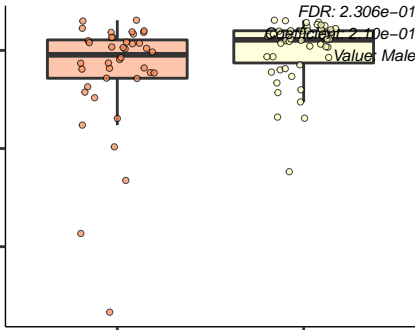
Male (n=49)

Sex

FDR: 2.306e-01

Coefficient: 2.10e-01

Value Male



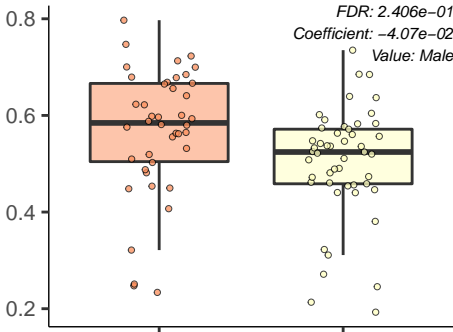
PWY.7220

Female (n=42)

Male (n=49)

Sex

FDR: 2.406e-01  
Coefficient: -4.07e-02  
Value: Male



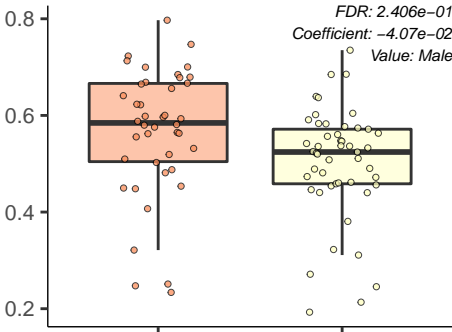
PWY.7222

Female (n=42)

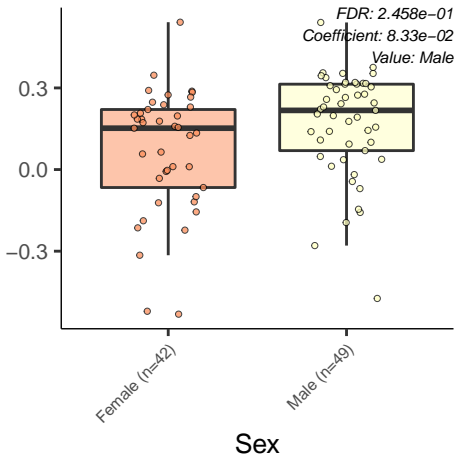
Male (n=49)

Sex

FDR: 2.406e-01  
Coefficient: -4.07e-02  
Value: Male



PWY.6700



PWY.6147

