

Sarcosine\_90.1

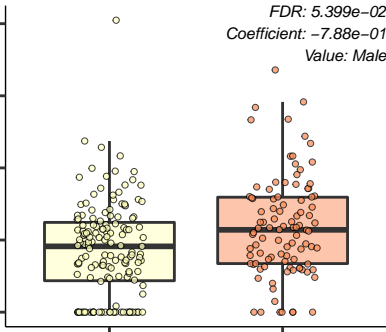
0.008  
0.006  
0.004  
0.002  
0.000

Male (n=151)

Female (n=98)

Gender

*FDR: 5.399e-02*  
*Coefficient: -7.88e-01*  
*Value: Male*



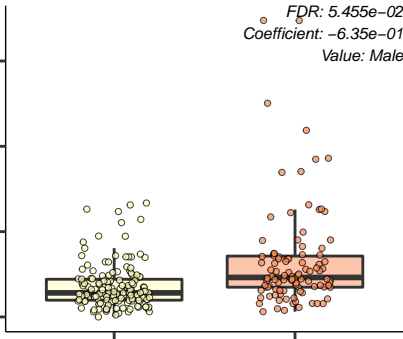
N.Acetylmethionine\_192.1

FDR:  $5.455e-02$   
Coefficient:  $-6.35e-01$   
Value: Male

Male (n=151)

Female (n=98)

Gender



Cytosine\_112.1

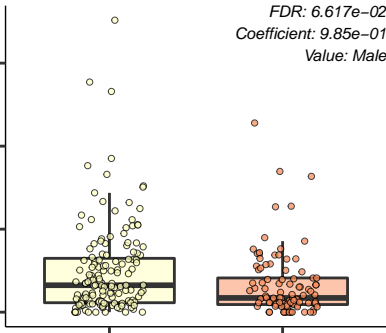
*FDR: 6.617e-02*  
*Coefficient: 9.85e-01*  
*Value: Male*

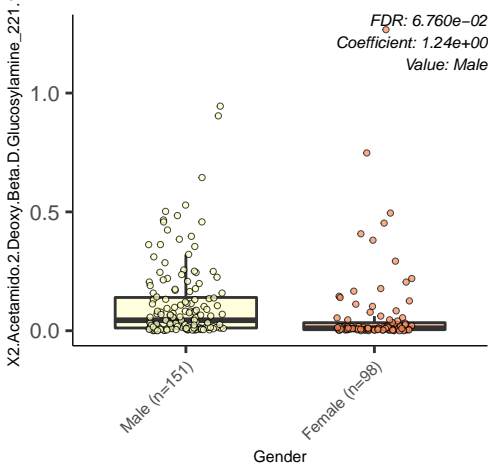
0.075  
0.050  
0.025  
0.000

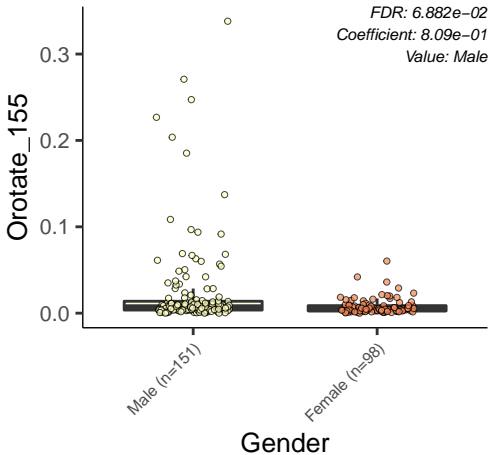
Male (n=151)

Female (n=98)

Gender







Propionyl.carnitine\_218.1

FDR:  $7.002e-02$

Coefficient:  $-6.84e-01$

Value: Male

0.2

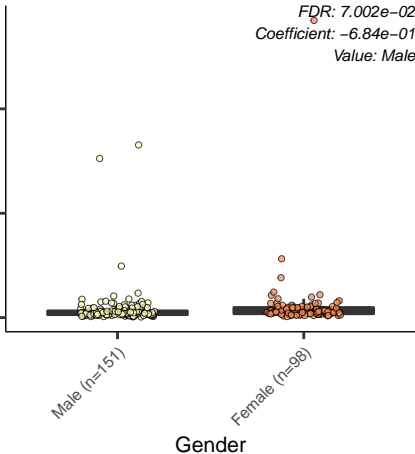
0.1

0.0

Male (n=151)

Female (n=98)

Gender



Dehydroascorbate\_173

0.006

0.004

0.002

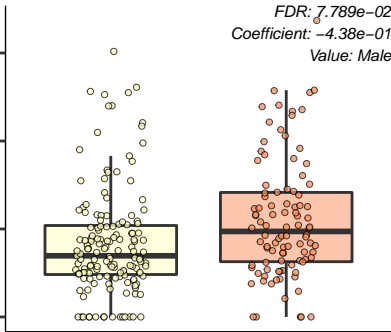
0.000

Male (n=151)

Female (n=98)

Gender

FDR:  $7.789 \times 10^{-2}$   
Coefficient:  $-4.38 \times 10^{-1}$   
Value: Male



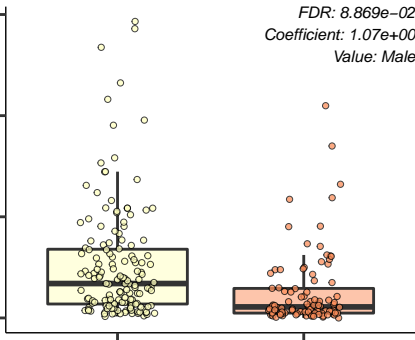
Dimethylarginine\_203.2

*FDR: 8.869e-02*  
*Coefficient: 1.07e+00*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender





Salicylate\_137

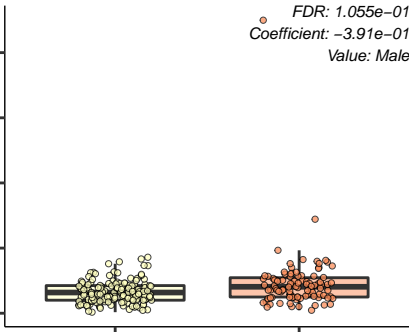
*FDR: 1.055e-01*  
*Coefficient: -3.91e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender

0.4  
0.3  
0.2  
0.1  
0.0



Quinolate\_166

*FDR: 1.060e-01*

*Coefficient: -5.72e-01*

*Value: Male*

0.015

0.010

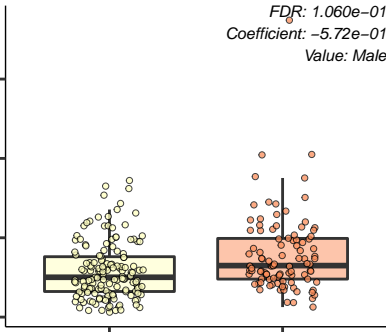
0.005

0.000

Male (n=151)

Female (n=98)

Gender



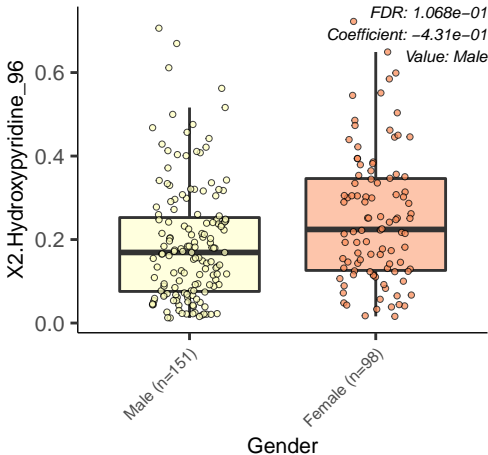
X2.Hydroxypyridine\_96

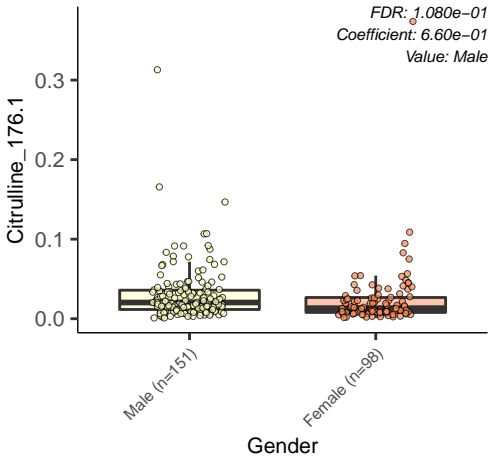
FDR: 1.068e-01  
Coefficient: -4.31e-01  
Value: Male

Male (n=151)

Female (n=98)

Gender





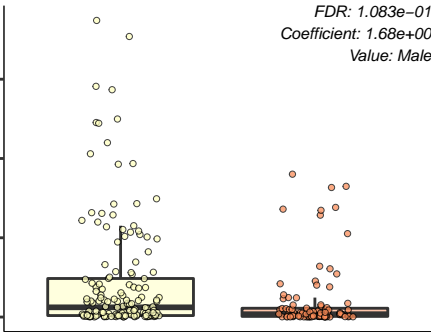
N.Acetylputrescine\_131.1

FDR: 1.083e-01  
Coefficient: 1.68e+00  
Value: Male

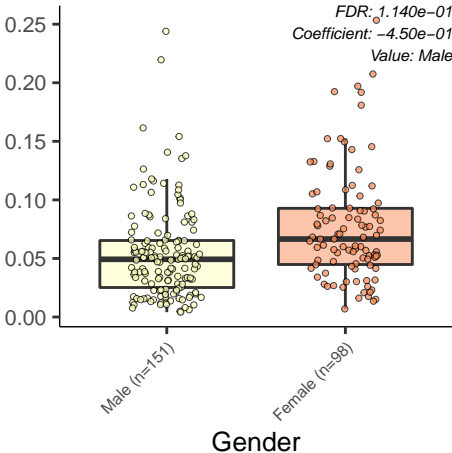
Male (n=151)

Female (n=98)

Gender



Pyridoxal\_168.1



Methylmalonate\_117

0.006

0.004

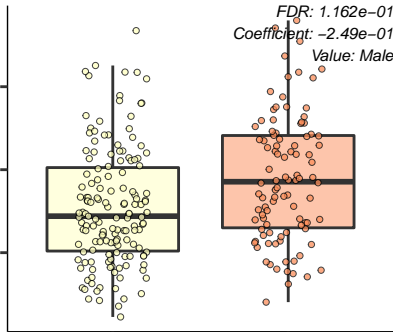
0.002

Male (n=151)

Female (n=98)

Gender

FDR: 1.162e-01  
Coefficient: -2.49e-01  
Value: Male



Hypotaurnine\_110

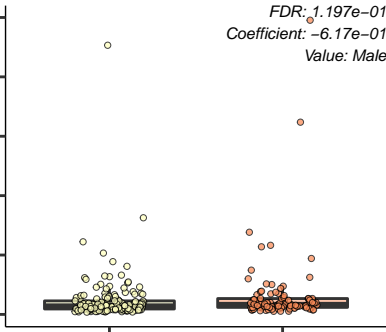
0.025  
0.020  
0.015  
0.010  
0.005  
0.000

*FDR: 1.197e-01*  
*Coefficient: -6.17e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender





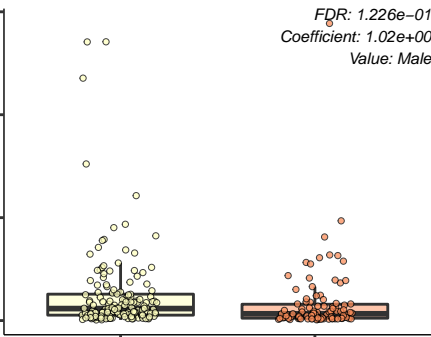
Trigonelline\_138.1

*FDR: 1.226e-01*  
*Coefficient: 1.02e+00*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender



X3.hydroxybutyric.acid\_103

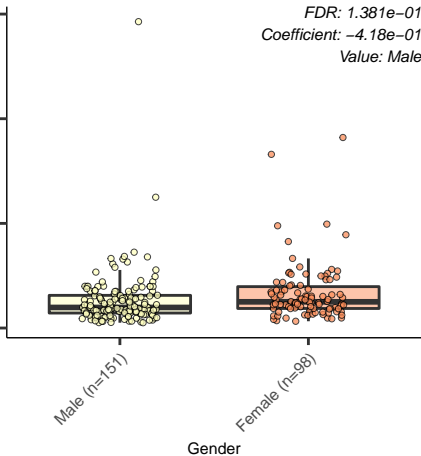
0.3  
0.2  
0.1  
0.0

*FDR: 1.381e-01*  
*Coefficient: -4.18e-01*  
*Value: Male*

Male (n=151)

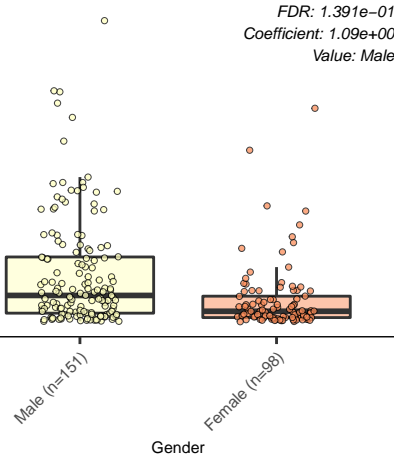
Female (n=98)

Gender



Bis.2.Ethylhexyl.Phthalate\_391.3

FDR: 1.391e-01  
Coefficient: 1.09e+00  
Value: Male



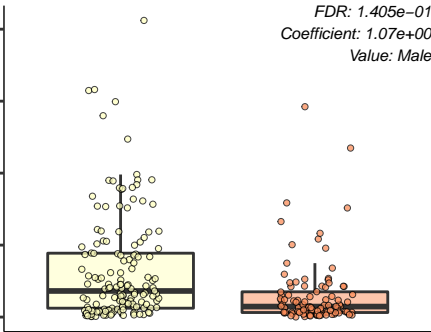
Deoxycholate\_391.3

FDR: 1.405e-01  
Coefficient: 1.07e+00  
Value: Male

Male (n=151)

Female (n=98)

Gender



Dodecanoic.acid\_199.2

*FDR: 1.509e-01*

*Coefficient: -5.08e-01*

*Value: Male*

10

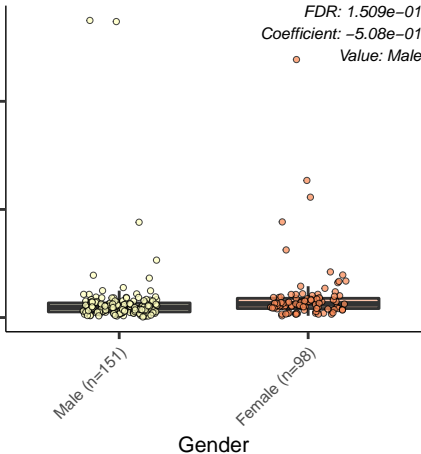
5

0

Male (n=151)

Female (n=98)

Gender



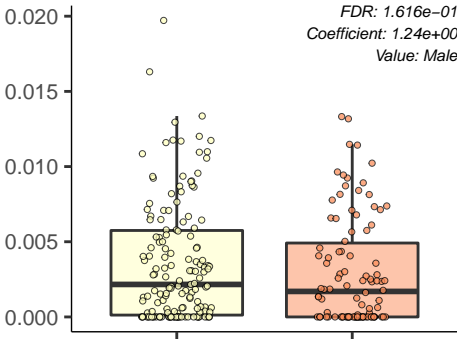
Xanthosine\_285.1

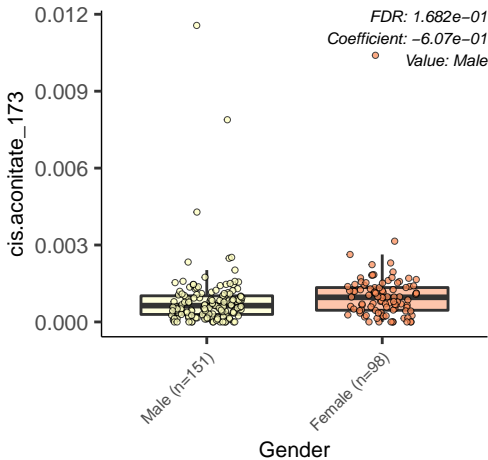
*FDR: 1.616e-01*  
*Coefficient: 1.24e+00*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender





Epinephrine\_184.1

*FDR: 1.775e-01*

*Coefficient: -5.16e-01*

*Value: Male*

0.004

0.003

0.002

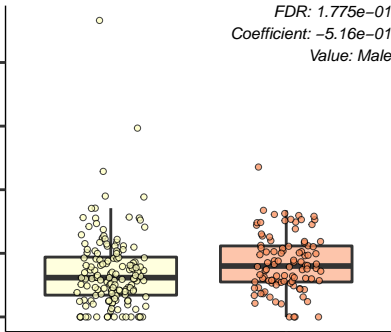
0.001

0.000

Male (n=151)

Female (n=98)

Gender





Methyl.4.Aminobutyrate\_118.1

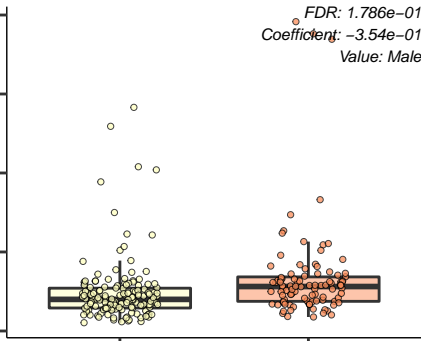
0.8  
0.6  
0.4  
0.2  
0.0

Male (n=151)

Female (n=98)

Gender

FDR: 1.786e-01  
Coefficient: -3.54e-01  
Value: Male



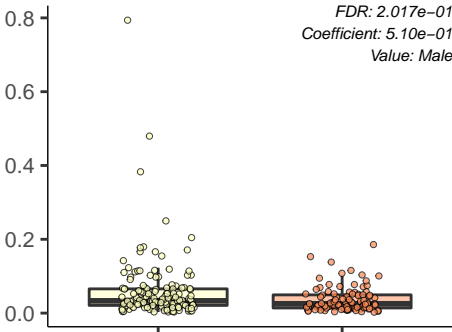
Uracil\_111

*FDR: 2.017e-01*  
*Coefficient: 5.10e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender



P.Octopamine\_154.1

0.008

0.006

0.004

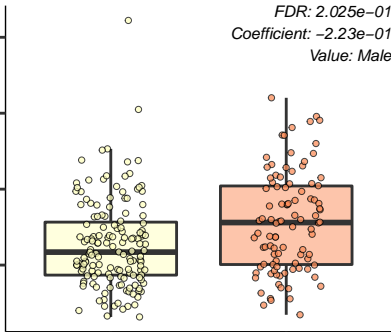
0.002

Male (n=151)

Female (n=98)

Gender

*FDR: 2.025e-01*  
*Coefficient: -2.23e-01*  
*Value: Male*



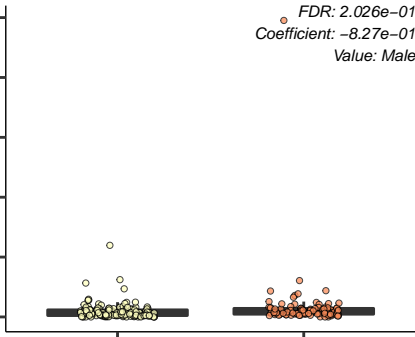
Xanthurenate\_206

*FDR: 2.026e-01*  
*Coefficient: -8.27e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender



Cortisone\_359.2

0.10

0.05

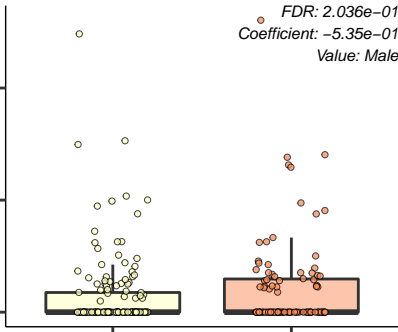
0.00

Male (n=151)

Female (n=98)

Gender

*FDR: 2.036e-01*  
*Coefficient: -5.35e-01*  
*Value: Male*



Sn.Glycero.3.Phosphocholine\_258.1

FDR: 2.082e-01  
Coefficient: -4.97e-01  
Value: Male

0.6

0.4

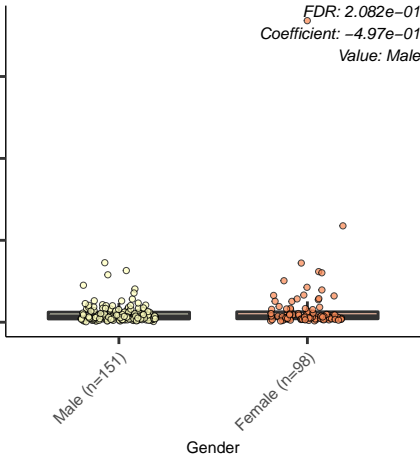
0.2

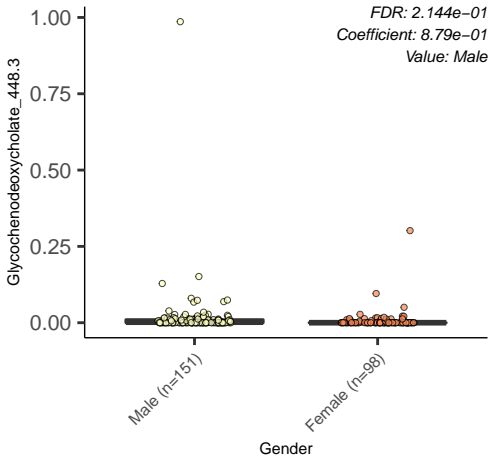
0.0

Male (n=151)

Female (n=98)

Gender





N.Acetylanine\_130.1

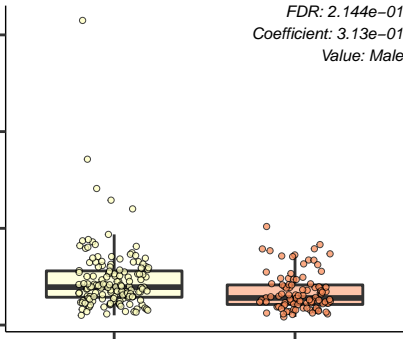
0.06  
0.04  
0.02  
0.00

*FDR: 2.144e-01*  
*Coefficient: 3.13e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender





Guaiaicol\_123

FDR: 2.397e-01

Coefficient: -2.62e-01

Value: Male

0.0100

0.0075

0.0050

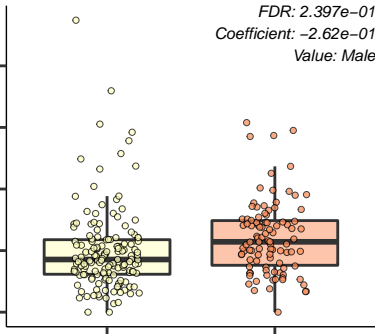
0.0025

0.0000

Male (n=151)

Female (n=98)

Gender



Kynurenine\_209.1

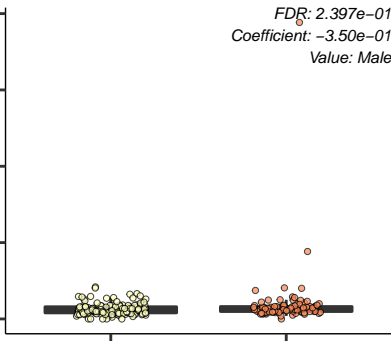
0.100  
0.075  
0.050  
0.025  
0.000

*FDR: 2.397e-01*  
*Coefficient: -3.50e-01*  
*Value: Male*

Male (n=151)

Female (n=98)

Gender



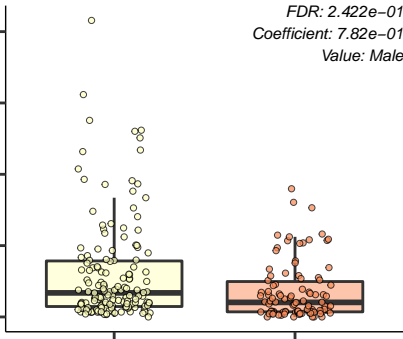
methyI.lysine\_161.1

FDR: 2.422e-01  
Coefficient: 7.82e-01  
Value: Male

Male (n=151)

Female (n=98)

Gender



Oleic.acid\_281.2

30

20

10

0

Male (n=151)

Female (n=98)

Gender

FDR: 2.431e-01  
Coefficient: -5.32e-01  
Value: Male

