

Proline_116.1

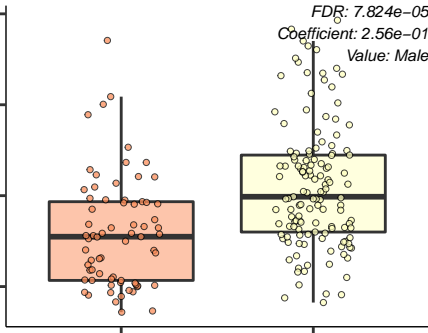
5
4
3
2

Female (n=69)

Male (n=133)

Gender

FDR: $7.824e-05$
Coefficient: $2.56e-01$
Value: Male



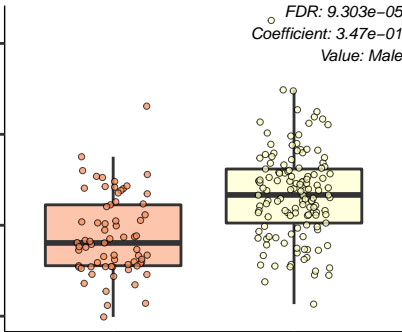
Deoxycarnitine_146.1

FDR: 9.303e-05
Coefficient: 3.47e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



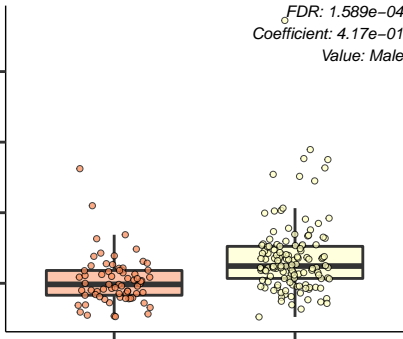
Trimethyllysine_189.2

FDR: 1.589e-04
Coefficient: 4.17e-01
Value: Male

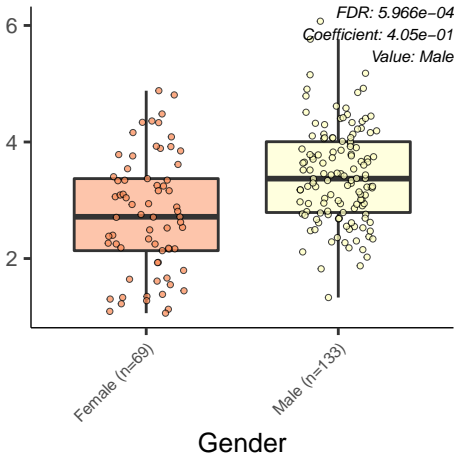
Female (n=69)

Male (n=133)

Gender



Betaine_118.1



Xanthine_153

FDR: 6.376e-04

Coefficient: -5.94e-01

Value: Male

0.003

0.002

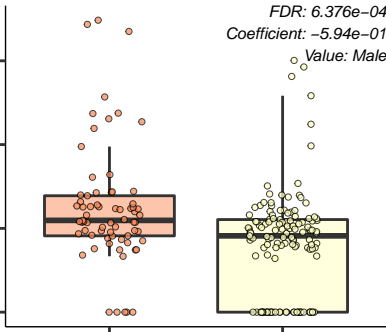
0.001

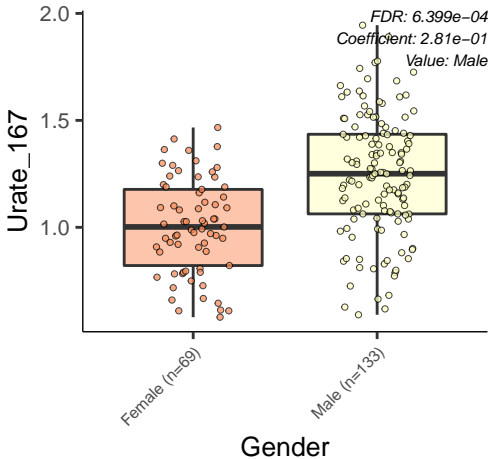
0.000

Female (n=69)

Male (n=133)

Gender





Norvaline_118.1

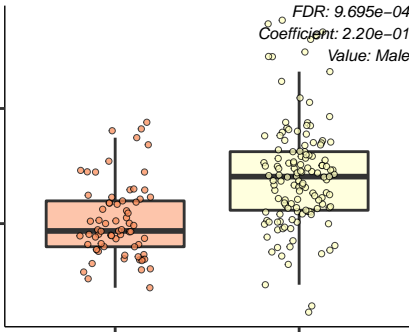
Female (n=69)

Male (n=133)

Gender

FDR: 9.695×10^{-4}
Coefficient: 2.20×10^{-1}
Value: Male

1.5
1.0



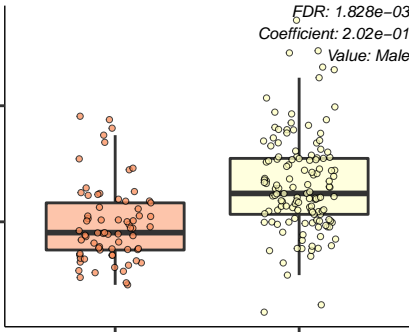
Valine_118.1

Female (n=69)

Male (n=133)

Gender

FDR: 1.828e-03
Coefficient: 2.02e-01
Value: Male



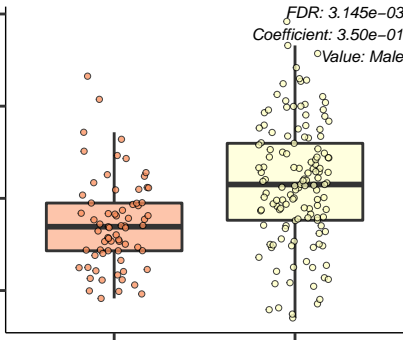
Guanidinoacetate_118.1

Female (n=69)

Male (n=133)

Gender

FDR: 3.145×10^{-3}
Coefficient: 3.50×10^{-1}
Value: Male



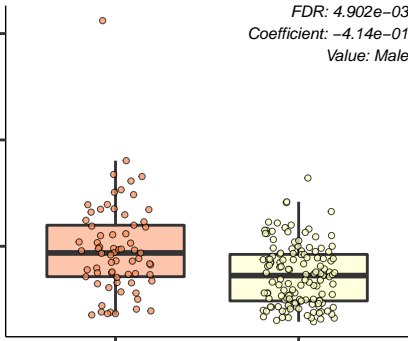
X3.Hydroxyoctanoic.acid_159.1

FDR: $4.902e-03$
Coefficient: $-4.14e-01$
Value: Male

Female (n=69)

Male (n=133)

Gender



Leucine_132.1

4

3

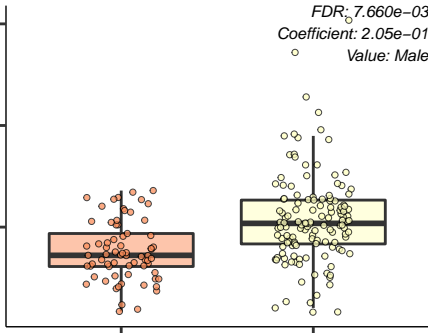
2

Female (n=69)

Male (n=133)

Gender

FDR: 7.660×10^{-3}
Coefficient: 2.05×10^{-1}
Value: Male



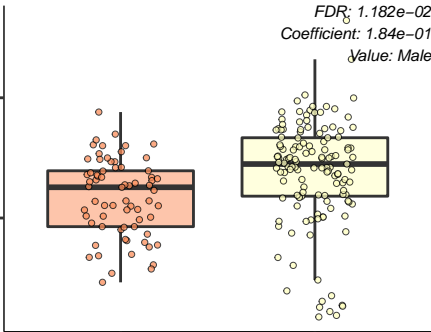
Creatinine_114.1

FDR: 1.182×10^{-2}
Coefficient: 1.84×10^{-1}
Value: Male

Female (n=69)

Male (n=133)

Gender



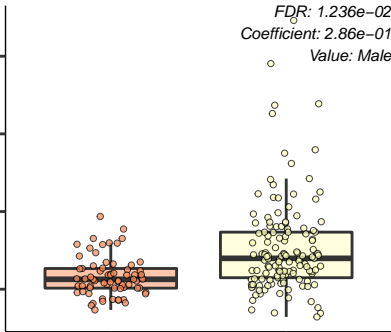
aminoadipate_162.1

FDR: 1.236e-02
Coefficient: 2.86e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



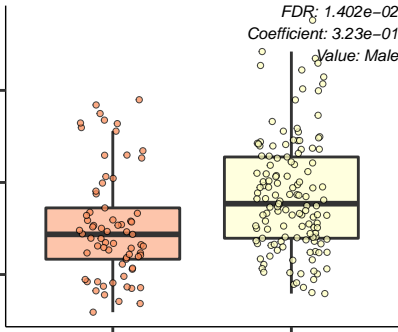
Ornithine_133.1

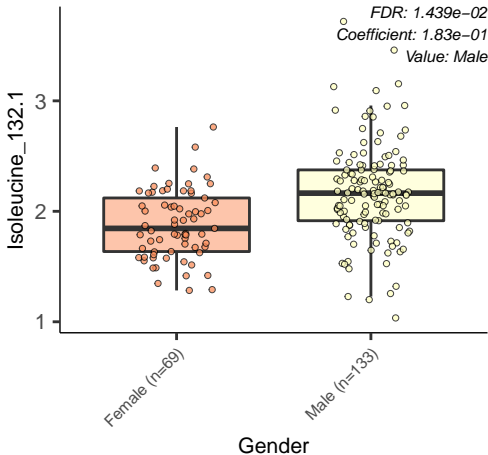
FDR: 1.402e-02
Coefficient: 3.23e-01
Value: Male

Female (n=69)

Male (n=133)

Gender





Nicotinate_124

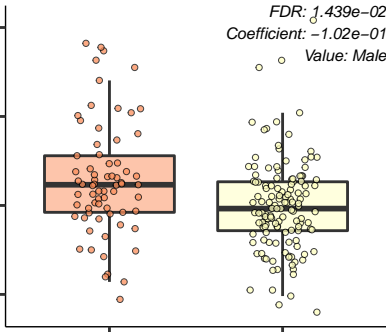
0.006
0.005
0.004
0.003

Female (n=69)

Male (n=133)

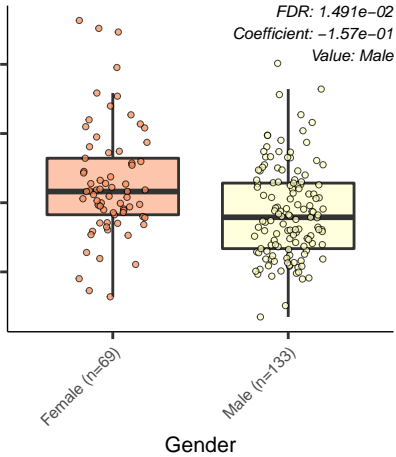
Gender

FDR: $1.439\text{e-}02$
Coefficient: $-1.02\text{e-}01$
Value: Male



acetyl.lysine_189.1

FDR: 1.491e-02
Coefficient: -1.57e-01
Value: Male



N.Acetylputrescine_131.1

FDR: 1.675e-02

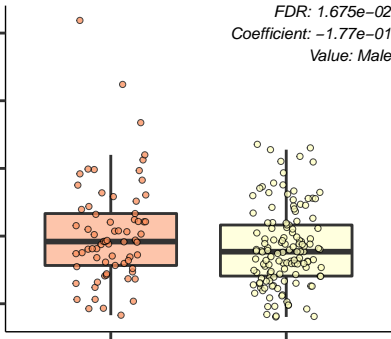
Coefficient: -1.77e-01

Value: Male

Female (n=69)

Male (n=133)

Gender



Palmitoleic.acid_253.2

FDR: 1.839e-02

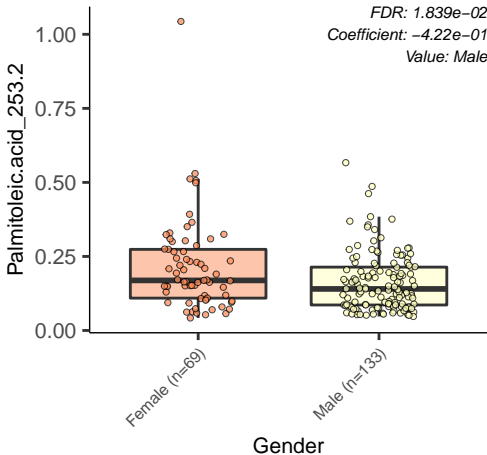
Coefficient: -4.22e-01

Value: Male

Female (n=69)

Male (n=133)

Gender



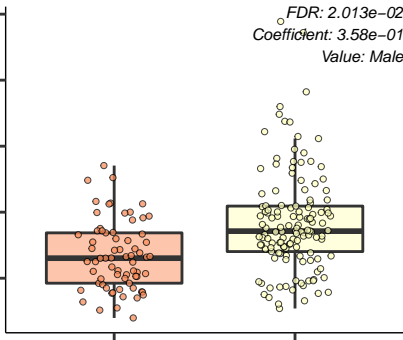
Propionyl.carnitine_218.1

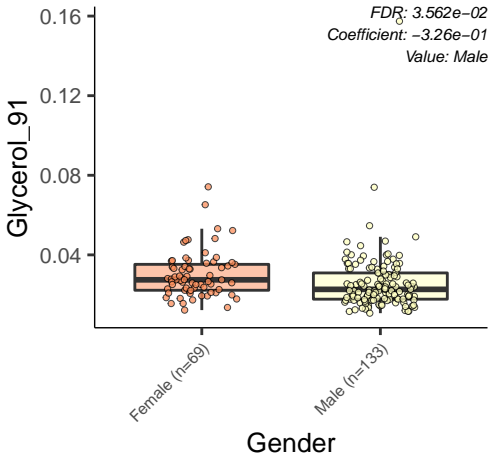
FDR: 2.013e-02
Coefficient: 3.58e-01
Value: Male

Female (n=69)

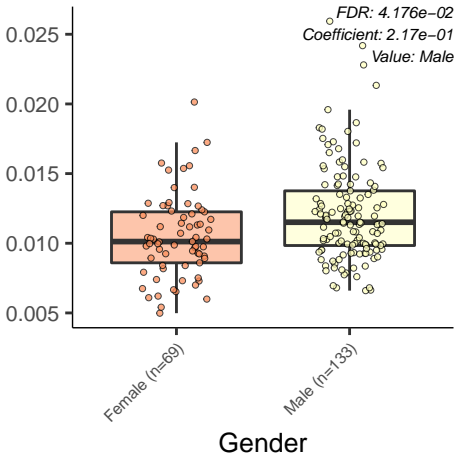
Male (n=133)

Gender

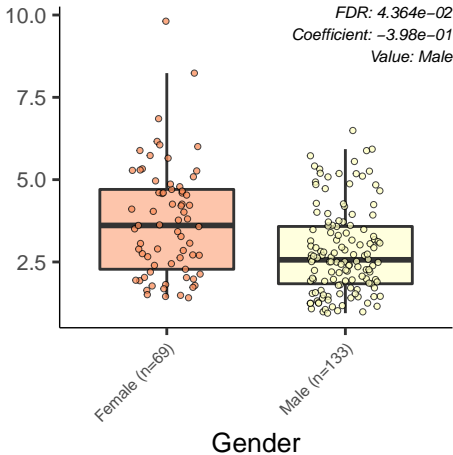


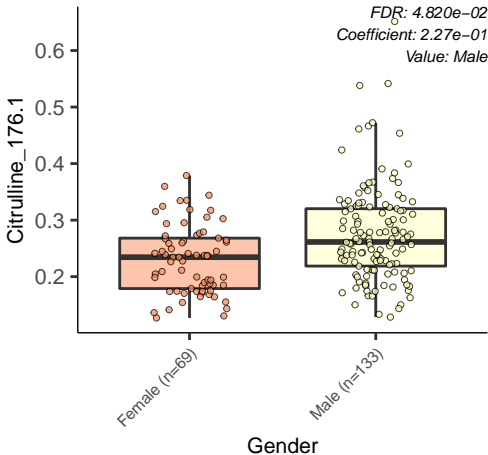


Sarcosine_90.1



Creatine_132.1





Gulonolactone_177

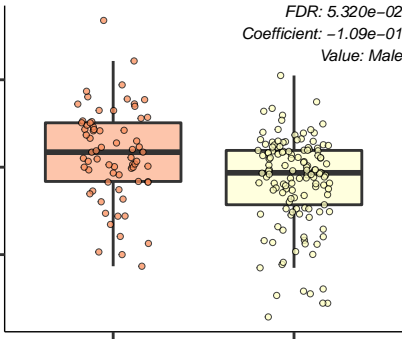
0.20
0.16
0.12

Female (n=69)

Male (n=133)

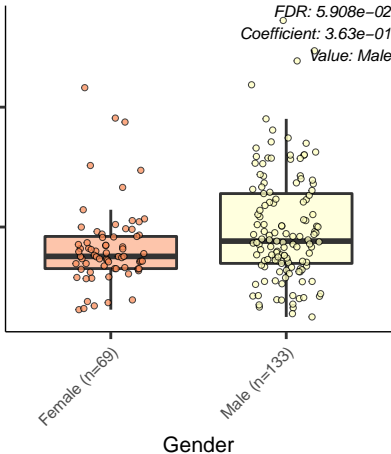
Gender

FDR: 5.320e-02
Coefficient: -1.09e-01
Value: Male



Glutaryl carnitine_276.1

FDR: 5.908×10^{-2}
Coefficient: 3.63×10^{-1}
Value: Male



Myristoleic.acid_225.2

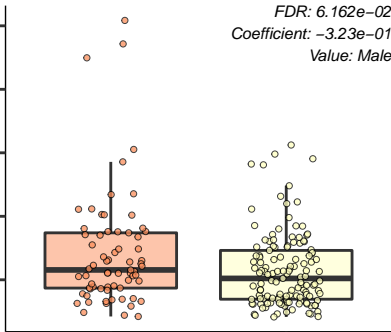
0.125
0.100
0.075
0.050
0.025

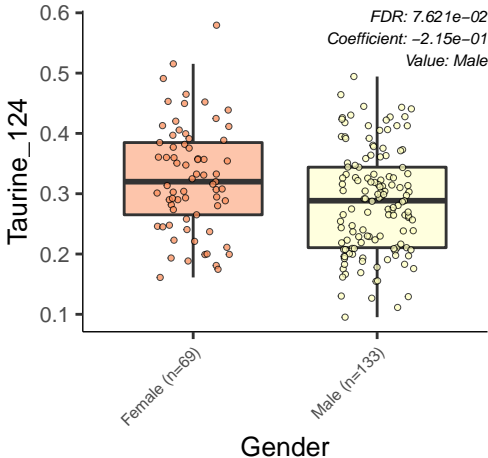
FDR: 6.162e-02
Coefficient: -3.23e-01
Value: Male

Female (n=69)

Male (n=133)

Gender





Dimethylglycine_104.1

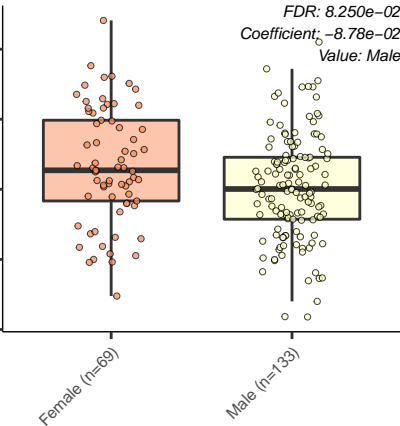
0.08
0.07
0.06
0.05
0.04

Female (n=69)

Male (n=133)

Gender

FDR: 8.250e-02
Coefficient: -8.78e-02
Value: Male



Xanthine_151

FDR: 9.022e-02

Coefficient: -2.25e-01

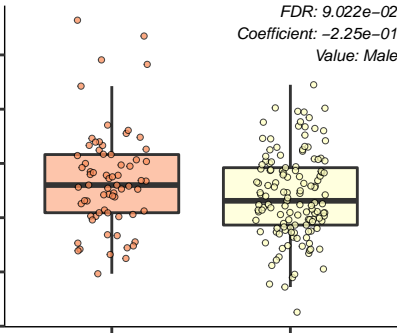
Value: Male

Female (n=69)

Male (n=133)

Gender

0.05
0.04
0.03
0.02
0.01
0.00



cis.5.Dodecenoic.acid_197.2

FDR: 9.087e-02
Coefficient: -4.50e-01
Value: Male

0.04

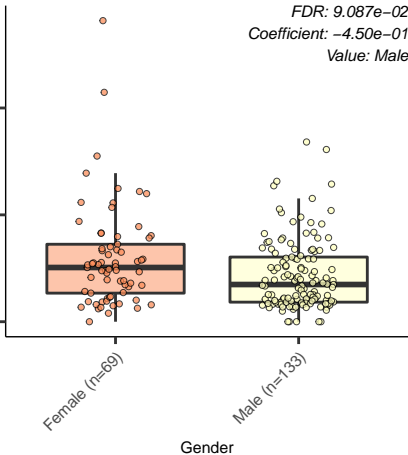
0.02

0.00

Female (n=69)

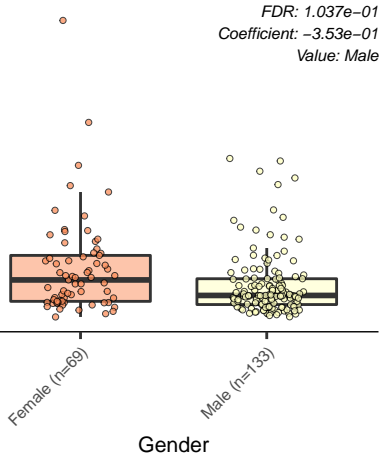
Male (n=133)

Gender



Dodecanoic.acid_199.2

FDR: 1.037e-01
Coefficient: -3.53e-01
Value: Male



Caffeine_195.1

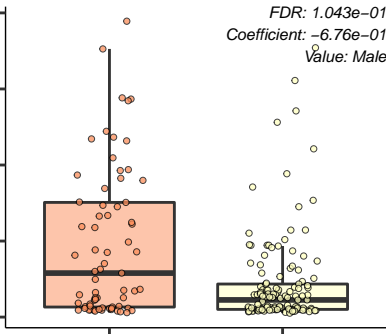
0.100
0.075
0.050
0.025
0.000

Female (n=69)

Male (n=133)

Gender

FDR: 1.043e-01
Coefficient: -6.76e-01
Value: Male



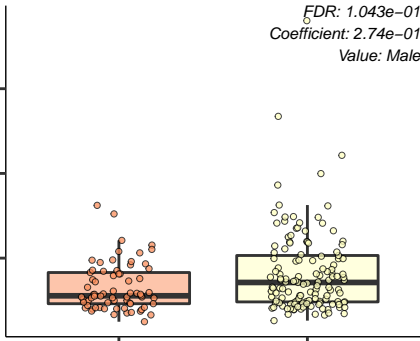
Cis.4.Hydroxy.D.Proline_132.1

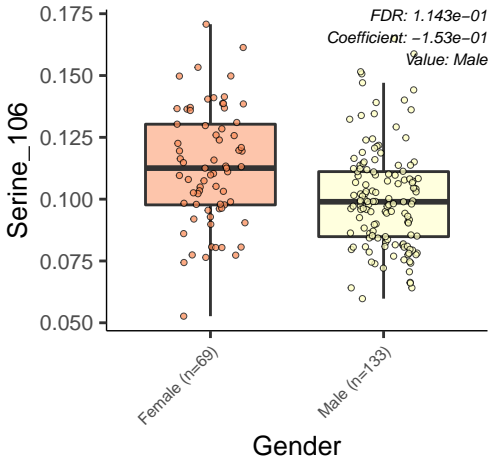
FDR: 1.043e-01
Coefficient: 2.74e-01
Value: Male

Female (n=69)

Male (n=133)

Gender





Allothreonine_120.1

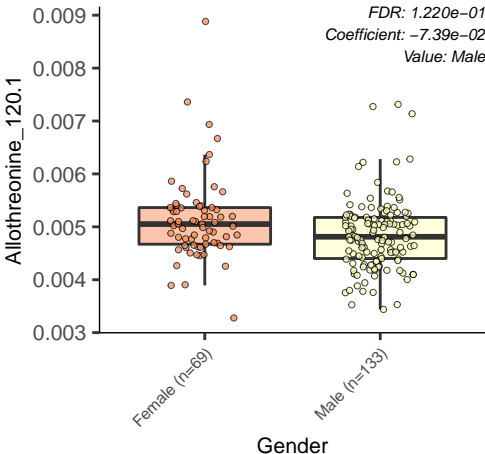
0.009
0.008
0.007
0.006
0.005
0.004
0.003

FDR: 1.220e-01
Coefficient: -7.39e-02
Value: Male

Female (n=69)

Male (n=133)

Gender



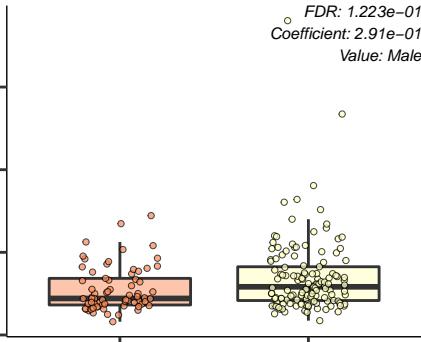
Trans.4.Hydroxy.L.Proline_132.1

FDR: 1.223e-01
Coefficient: 2.91e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



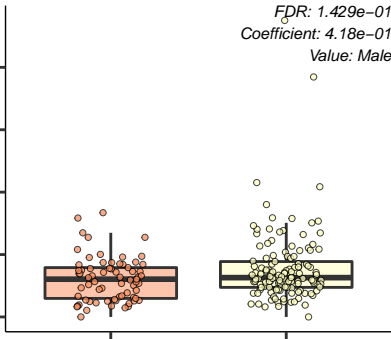
Indole.3.Acetate_174.1

FDR: 1.429e-01
Coefficient: 4.18e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



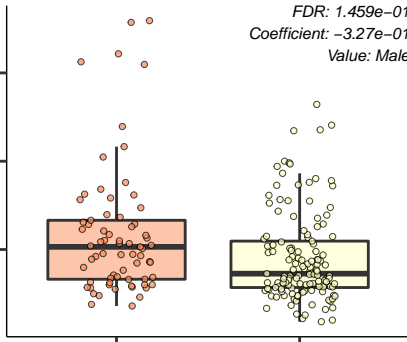
Docosahexaenoic.acid_327.2

FDR: 1.459e-01
Coefficient: -3.27e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



N.Methylaspartate_148.1

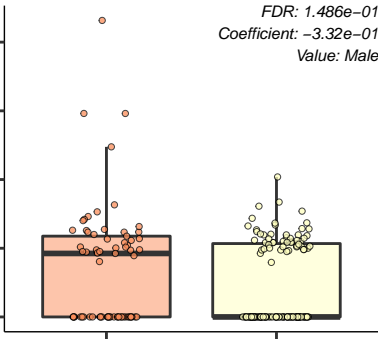
0.0020
0.0015
0.0010
0.0005
0.0000

FDR: 1.486e-01
Coefficient: -3.32e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



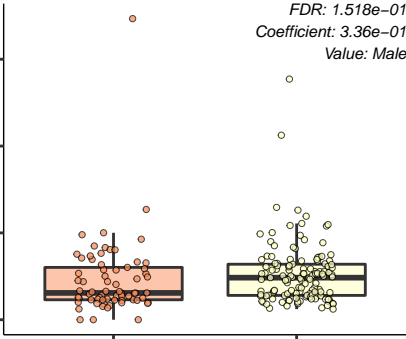
X4.Guanidinobutanoate_146.1

FDR: 1.518e-01
Coefficient: 3.36e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



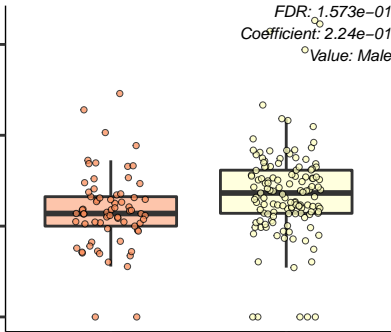
Normetanephrine_184.1

FDR: 1.573e-01
Coefficient: 2.24e-01
Value: Male

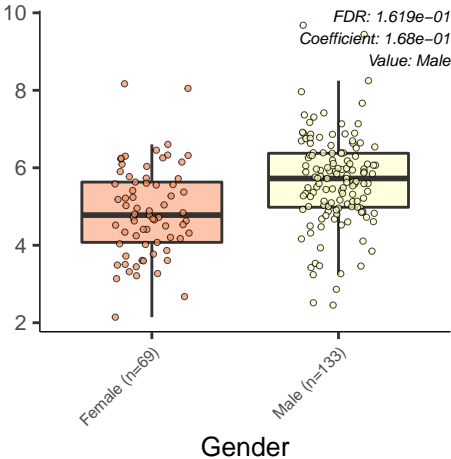
Female (n=69)

Male (n=133)

Gender



Carnitine_162.1



X2.Aminoisobutyrate_104.1

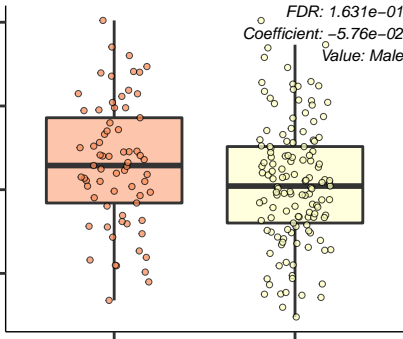
0.18
0.16
0.14
0.12

Female (n=69)

Male (n=133)

Gender

FDR: 1.631e-01
Coefficient: -5.76e-02
Value: Male



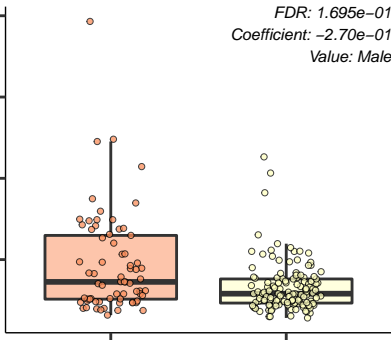
Homocysteine_136

Female (n=69)

Male (n=133)

Gender

FDR: 1.695e-01
Coefficient: -2.70e-01
Value: Male



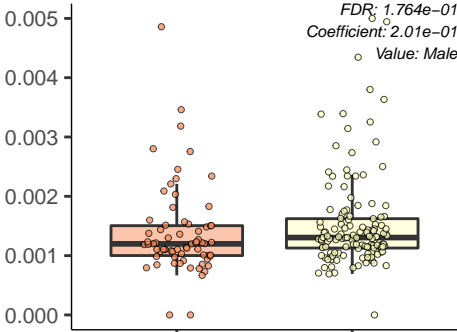
X4.Imidazoleacetate_127.1

FDR: 1.764e-01
Coefficient: 2.01e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



Indole.3.Methyl.Acetate_190.1

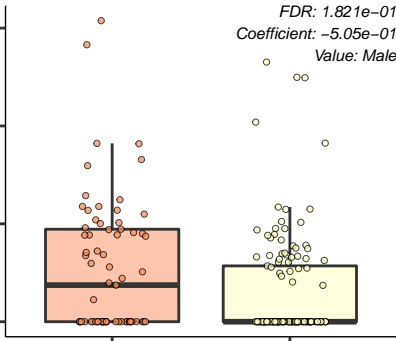
0.006
0.004
0.002
0.000

Female (n=69)

Male (n=133)

Gender

FDR: 1.821e-01
Coefficient: -5.05e-01
Value: Male



trans.trans.Muconic.acid_141

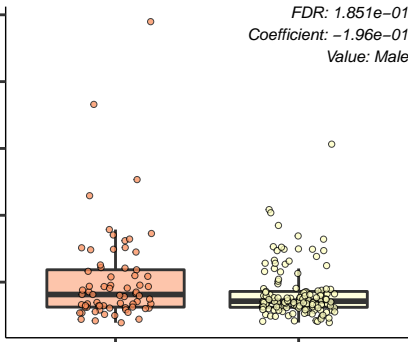
0.05
0.04
0.03
0.02
0.01

FDR: 1.851e-01
Coefficient: -1.96e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



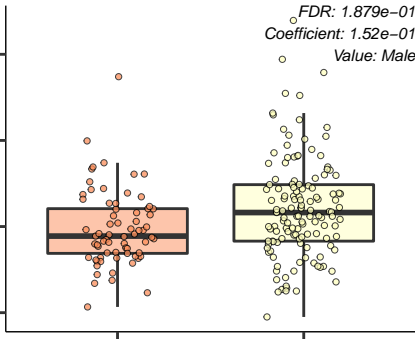
Methionine_150.1

FDR: 1.879e-01
Coefficient: 1.52e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



Glycolate_75

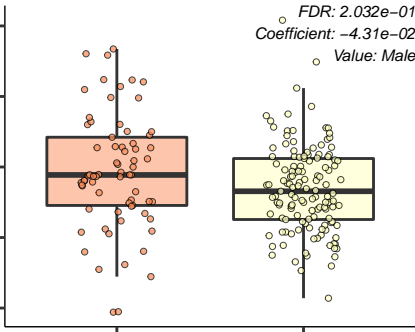
50
45
40
35
30

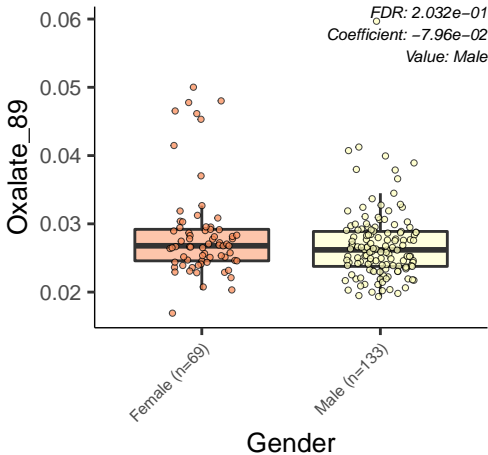
Female (n=69)

Male (n=133)

Gender

FDR: 2.032e-01
Coefficient: -4.31e-02
Value: Male





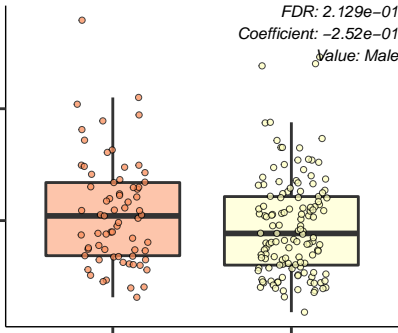
Aspartate_132

FDR: 2.129e-01
Coefficient: -2.52e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



X2.Methylmaleate_129

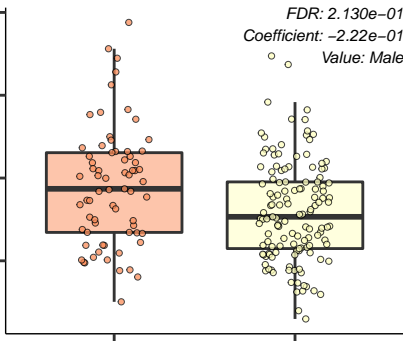
0.08
0.06
0.04
0.02

Female (n=69)

Male (n=133)

Gender

FDR: 2.130e-01
Coefficient: -2.22e-01
Value: Male



N.Acetyl.L.Aspartic.Acid_174

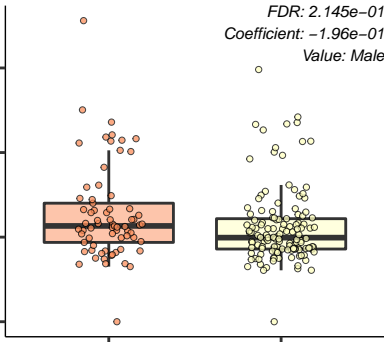
0.0075
0.0050
0.0025
0.0000

Female (n=69)

Male (n=133)

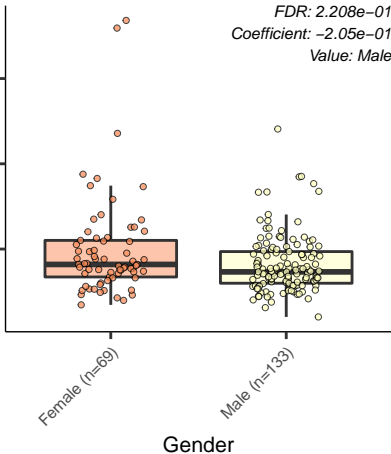
Gender

FDR: 2.145e-01
Coefficient: -1.96e-01
Value: Male



X9.Decenoic.acid_169.1

FDR: 2.208e-01
Coefficient: -2.05e-01
Value: Male



X10.Hydroxydecanoic.acid_187.1

0.06

0.04

0.02

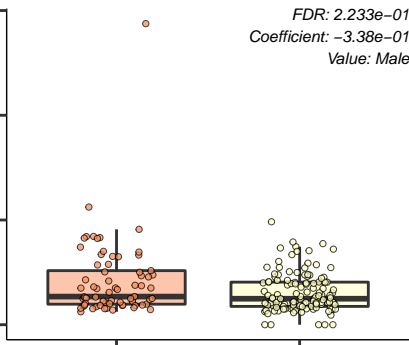
0.00

Female (n=69)

Male (n=133)

Gender

FDR: 2.233e-01
Coefficient: -3.38e-01
Value: Male



Adenine_136.1

FDR: 2.301e-01

Coefficient: -2.52e-01

Value: Male

0.020

0.015

0.010

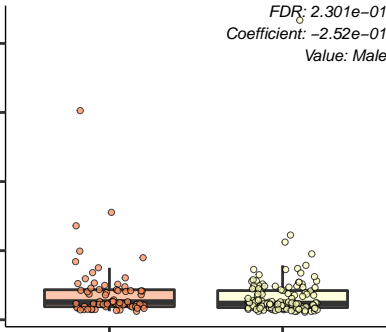
0.005

0.000

Female (n=69)

Male (n=133)

Gender



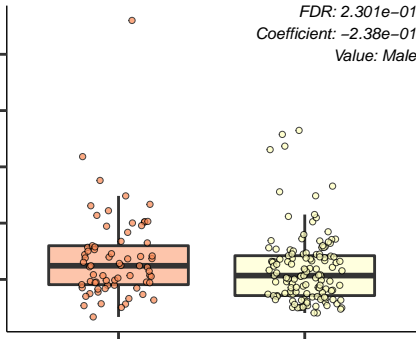
Myristic.acid_227.2

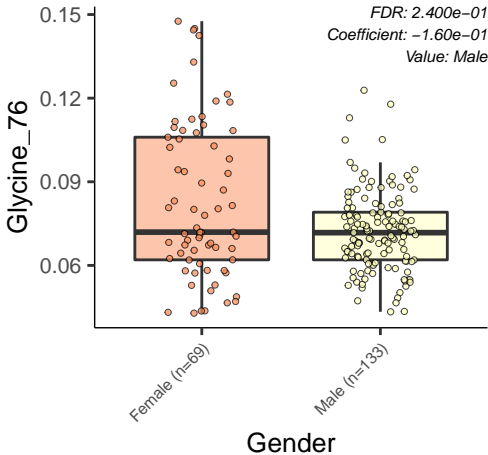
FDR: 2.301e-01
Coefficient: -2.38e-01
Value: Male

Female (n=69)

Male (n=133)

Gender





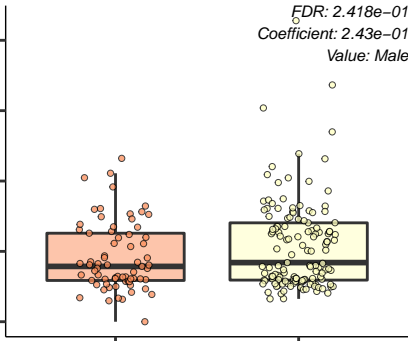
X3.4.Hydroxyphenyl.Pyruvate_179

FDR: 2.418e-01
Coefficient: 2.43e-01
Value: Male

Female (n=69)

Male (n=133)

Gender



Pyruvate_87

Female (n=69)

Male (n=133)

Gender

FDR: $2.492e-01$
Coefficient: $-2.54e-01$
Value: Male

