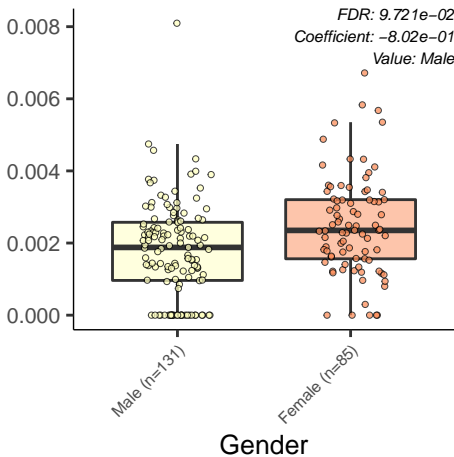


Sarcosine_90.1



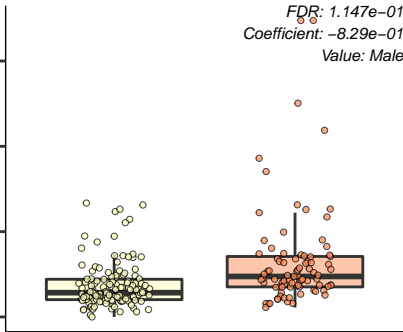
N.Acetylmethionine_192.1

FDR: $1.147e-01$
Coefficient: $-8.29e-01$
Value: Male

Male (n=131)

Female (n=85)

Gender



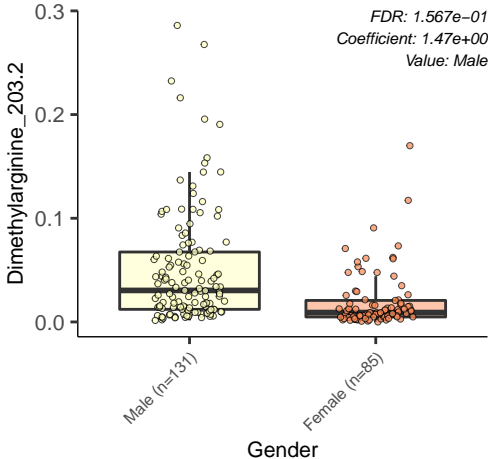
Dimethylarginine_203.2

FDR: 1.567e-01
Coefficient: 1.47e+00
Value: Male

Male (n=131)

Female (n=85)

Gender



Methylmalonate_117

0.006

0.004

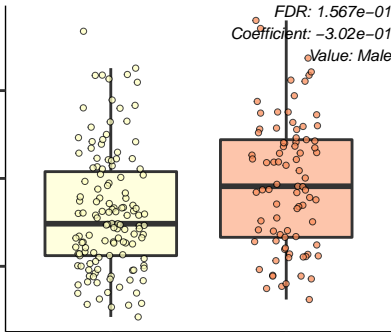
0.002

Male (n=131)

Female (n=85)

Gender

FDR: 1.567e-01
Coefficient: -3.02e-01
Value: Male



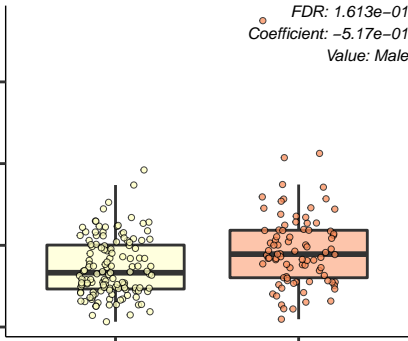
X3.Hydroxybenzyl.Alcohol_123

FDR: 1.613e-01
Coefficient: -5.17e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



Allothreonine_120.1

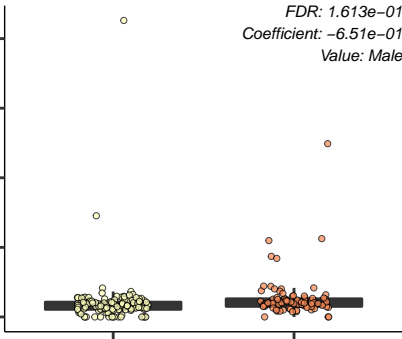
0.04
0.03
0.02
0.01
0.00

Male (n=131)

Female (n=85)

Gender

FDR: 1.613e-01
Coefficient: -6.51e-01
Value: Male



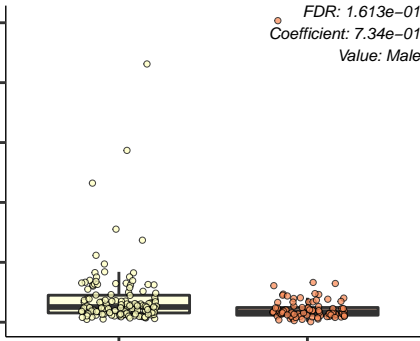
Cis.4.Hydroxy.D.Proline_132.1

FDR: 1.613e-01
Coefficient: 7.34e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



Epinephrine_184.1

0.004

0.003

0.002

0.001

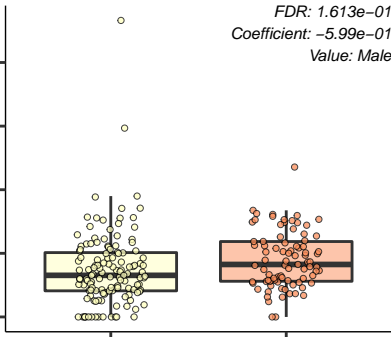
0.000

Male (n=131)

Female (n=85)

Gender

FDR: 1.613e-01
Coefficient: -5.99e-01
Value: Male



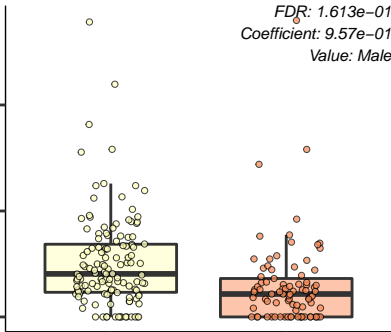
Methylarginine_189.1

FDR: 1.613e-01
Coefficient: 9.57e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



N.Acetylglucine_116

0.02

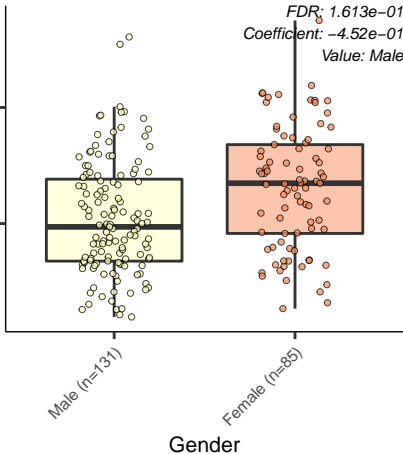
0.01

Male (n=131)

Female (n=85)

Gender

FDR: 1.613e-01
Coefficient: -4.52e-01
Value: Male



P.Octopamine_154.1

0.008

0.006

0.004

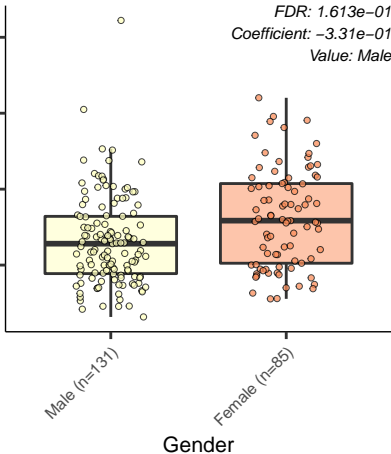
0.002

Male (n=131)

Female (n=85)

Gender

FDR: 1.613e-01
Coefficient: -3.31e-01
Value: Male



Thymine_125

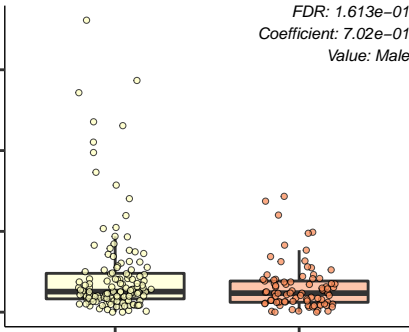
FDR: 1.613e-01
Coefficient: 7.02e-01
Value: Male

0.6
0.4
0.2
0.0

Male (n=131)

Female (n=85)

Gender



Trimethyllysine_189.2

0.6

0.4

0.2

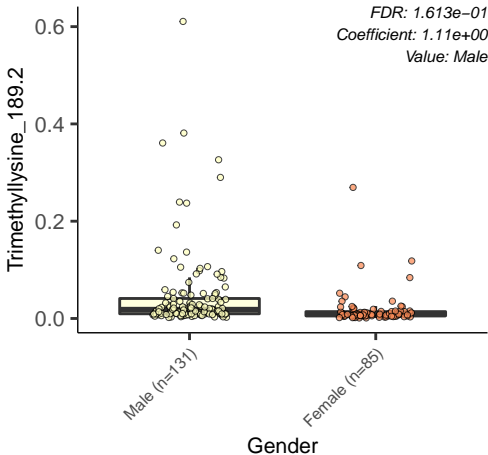
0.0

Male (n=131)

Female (n=85)

Gender

FDR: 1.613e-01
Coefficient: 1.11e+00
Value: Male



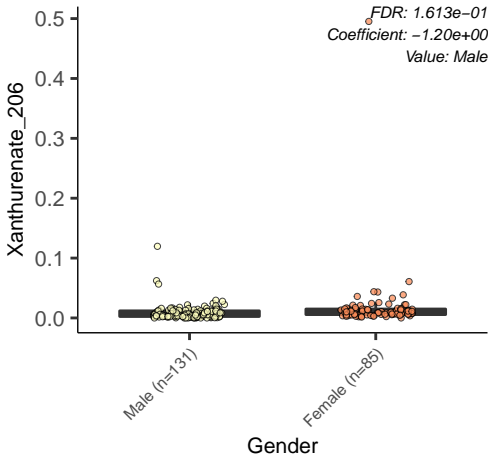
Xanthurenate_206

FDR: 1.613e-01
Coefficient: -1.20e+00
Value: Male

Male (n=131)

Female (n=85)

Gender



Pyridoxine_170.1

FDR: 1.623e-01
Coefficient: -6.06e-01
Value: Male

1.5

1.0

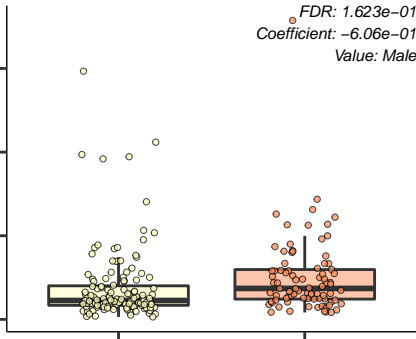
0.5

0.0

Male (n=131)

Female (n=85)

Gender



Pyridoxal_168.1

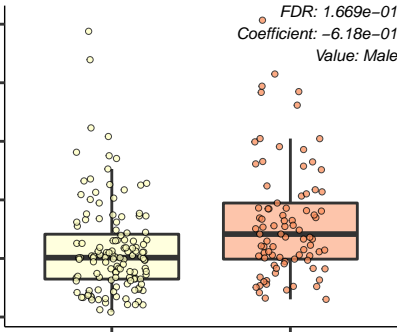
0.25
0.20
0.15
0.10
0.05
0.00

Male (n=131)

Female (n=85)

Gender

FDR: 1.669e-01
Coefficient: -6.18e-01
Value: Male



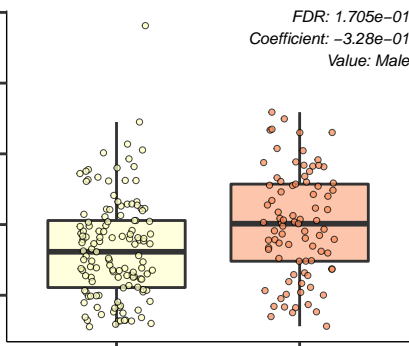
X4.Hydroxybenzaldehyde_121

FDR: 1.705e-01
Coefficient: -3.28e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



cis.10.Nonadecenoic.acid_295.3

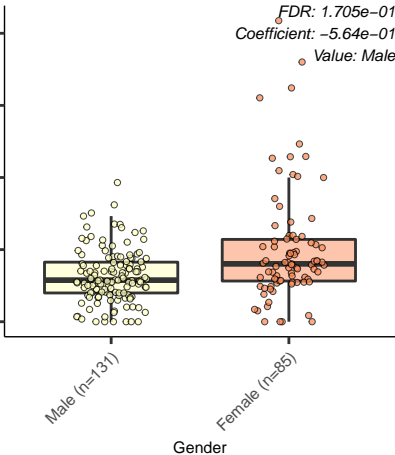
0.100
0.075
0.050
0.025
0.000

FDR: 1.705e-01
Coefficient: -5.64e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



Guaiacol_123

FDR: 1.705e-01
Coefficient: -3.23e-01
Value: Male

0.0100

0.0075

0.0050

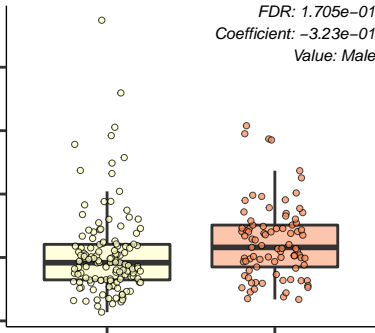
0.0025

0.0000

Male (n=131)

Female (n=85)

Gender



N.Acetylalanine_130.1

FDR: 1.705e-01
Coefficient: 4.61e-01
Value: Male

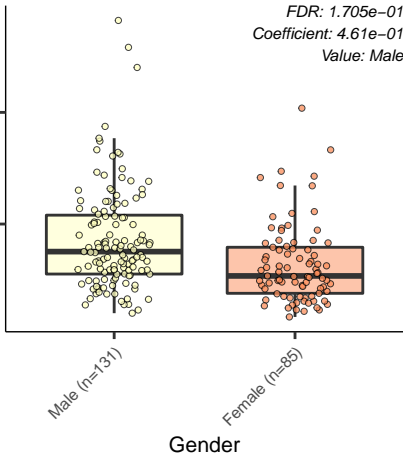
0.02

0.01

Male (n=131)

Female (n=85)

Gender



N.Methylaspartate_148.1

FDR: 1.705e-01
Coefficient: -8.78e-01
Value: Male

0.010

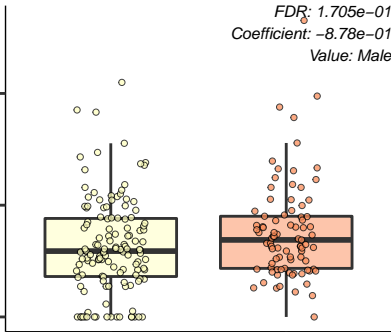
0.005

0.000

Male (n=131)

Female (n=85)

Gender



trans.trans.Muconic.acid_141

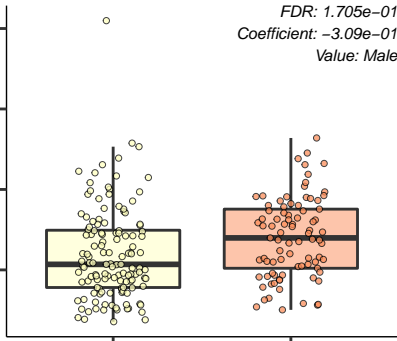
0.008
0.006
0.004
0.002

FDR: 1.705e-01
Coefficient: -3.09e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



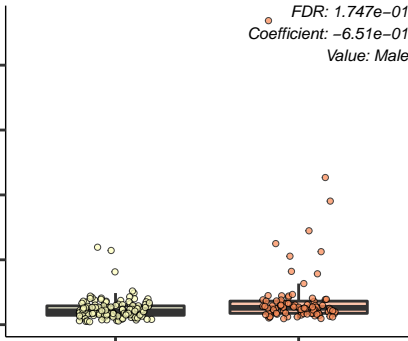
X3.Amino.5.Hydroxybenzoate_152

FDR: 1.747e-01
Coefficient: -6.51e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



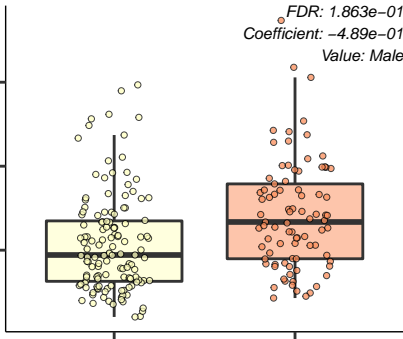
X3.Methoxytyrosine_210.1

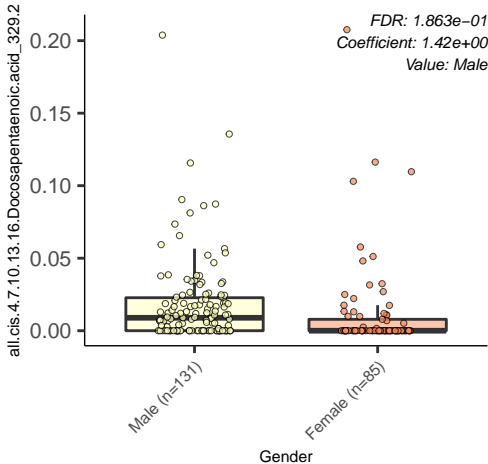
FDR: 1.863e-01
Coefficient: -4.89e-01
Value: Male

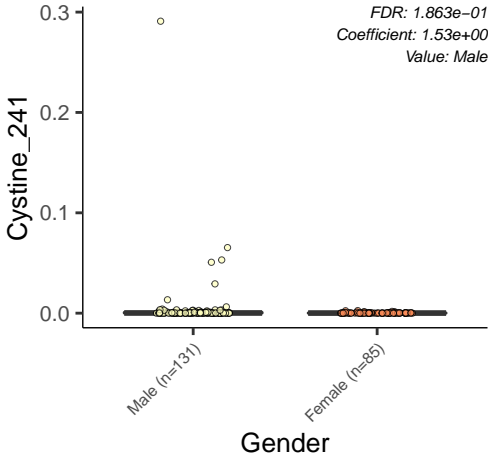
Male (n=131)

Female (n=85)

Gender







Dehydroascorbate_173

FDR: 1.863e-01
Coefficient: -5.56e-01
Value: Male

Male (n=131)

Female (n=85)

Gender

0.006

0.004

0.002

0.000

Diethanolamine_106.1

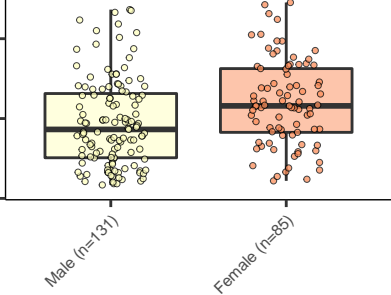
0.020
0.015
0.010
0.005
0.000

Male (n=131)

Female (n=85)

Gender

FDR: 1.863e-01
Coefficient: -5.02e-01
Value: Male



Dodecanoic.acid_199.2

FDR: 1.863e-01

Coefficient: -5.71e-01

Value: Male

10

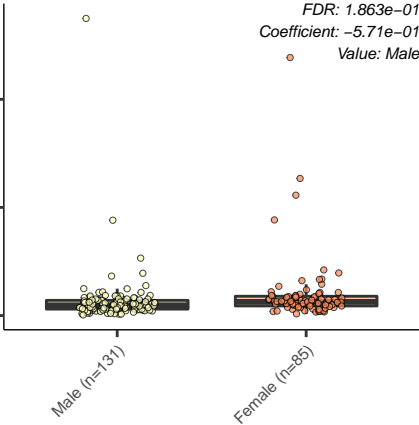
5

0

Male (n=131)

Female (n=85)

Gender



Glycolate_75

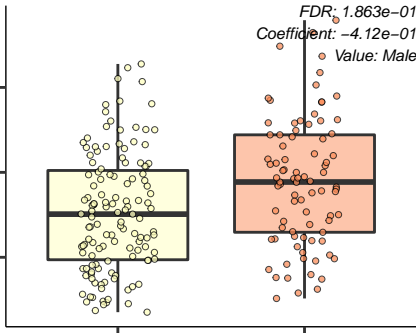
12
8
4

Male (n=131)

Female (n=85)

Gender

FDR: 1.863e-01
Coefficient: -4.12e-01
Value: Male



Mesoxalate_117

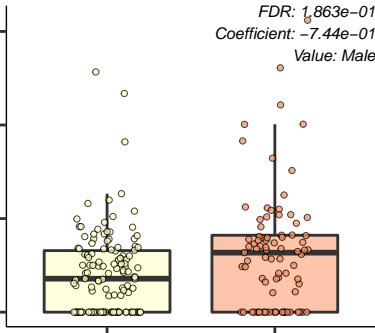
0.0015
0.0010
0.0005
0.0000

Male (n=131)

Female (n=85)

Gender

FDR: $1.863e-01$
Coefficient: $-7.44e-01$
Value: Male



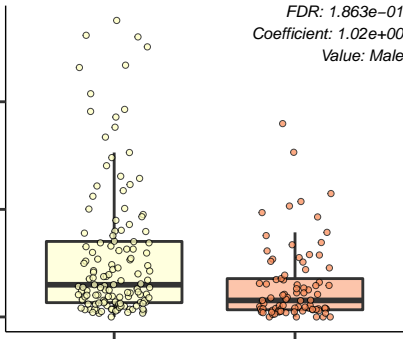
methyI.lysine_161.1

FDR: 1.863e-01
Coefficient: 1.02e+00
Value: Male

Male (n=131)

Female (n=85)

Gender



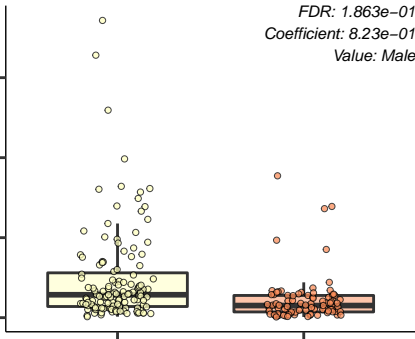
N.Acetylneuramate_310.1

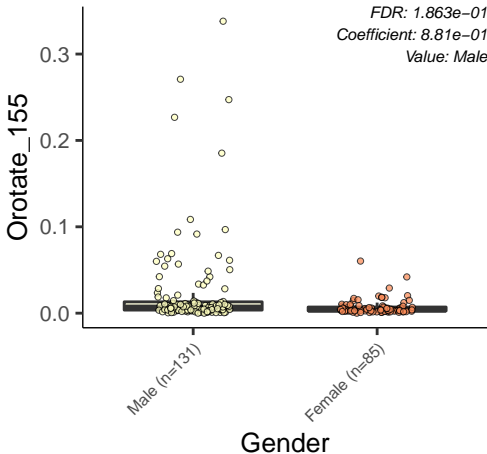
FDR: 1.863e-01
Coefficient: 8.23e-01
Value: Male

Male (n=131)

Female (n=85)

Gender





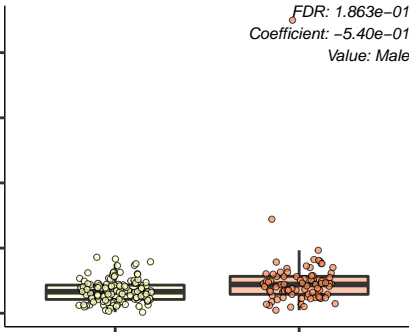
Salicylate_137

FDR: $1.863e-01$
Coefficient: $-5.40e-01$
Value: Male

Male (n=131)

Female (n=85)

Gender



Tryptophan_205.1

FDR: 1.884e-01

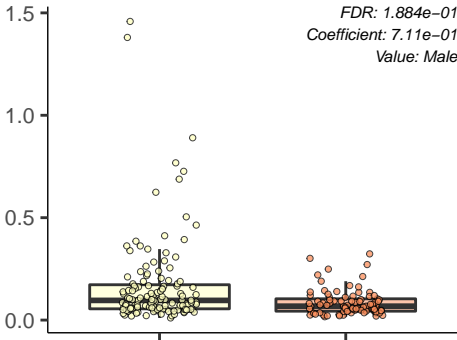
Coefficient: 7.11e-01

Value: Male

Male (n=131)

Female (n=85)

Gender



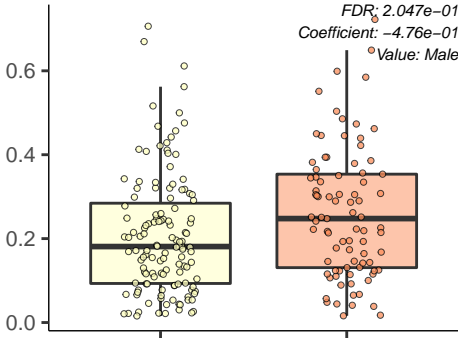
X2.Hydroxypyridine_96

Male (n=131)

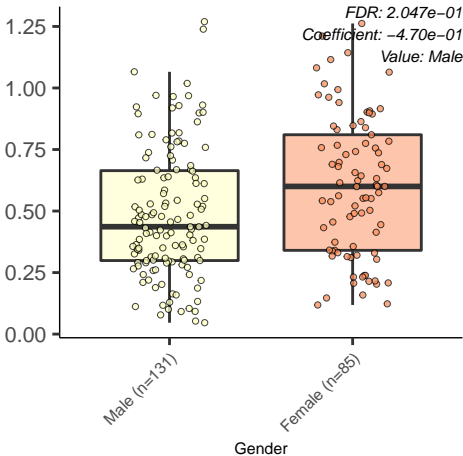
Female (n=85)

Gender

FDR: 2.047e-01
Coefficient: -4.76e-01
Value: Male



X3.4.Hydroxyphenyl.Pyruvate_179



X3.Amino.4.Hydroxybenzoate_152

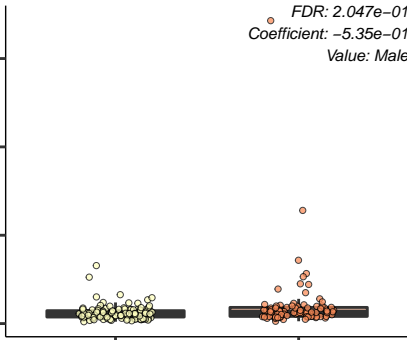
FDR: 2.047e-01
Coefficient: -5.35e-01
Value: Male

0.06
0.04
0.02
0.00

Male (n=131)

Female (n=85)

Gender



X3.Methyl.L.Histidine_170.1

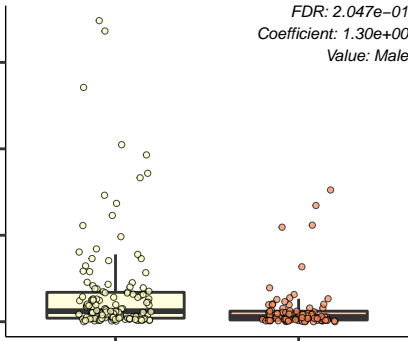
FDR: 2.047e-01
Coefficient: 1.30e+00
Value: Male

0.75
0.50
0.25
0.00

Male (n=131)

Female (n=85)

Gender



X3.Sulfinoalanine_154

FDR: 2.047e-01

Coefficient: -3.75e-01

Value: Male

0.0015

0.0010

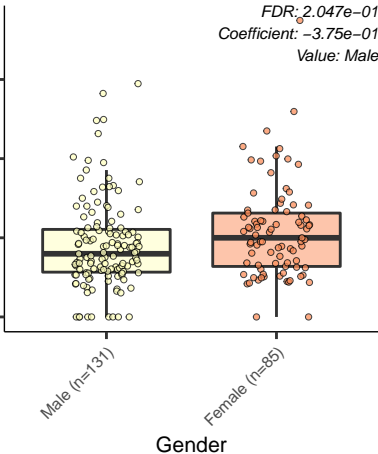
0.0005

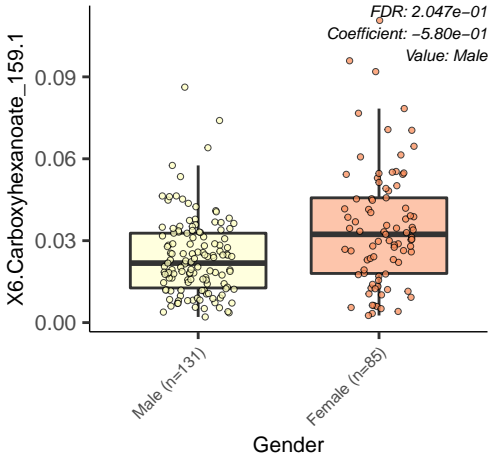
0.0000

Male (n=131)

Female (n=85)

Gender





Benzyl.Alcohol_107.1

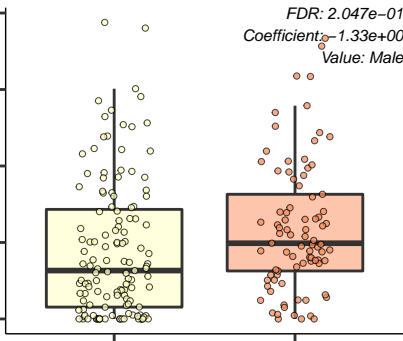
0.12
0.09
0.06
0.03
0.00

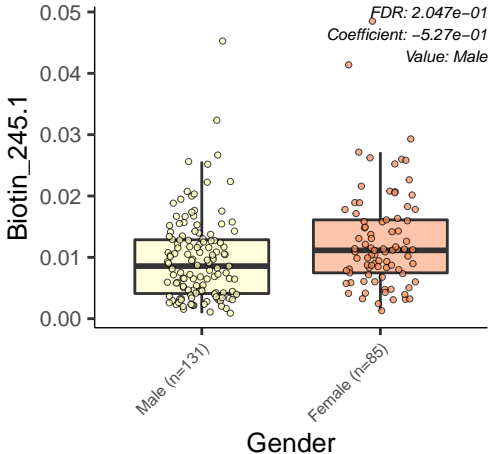
Male (n=131)

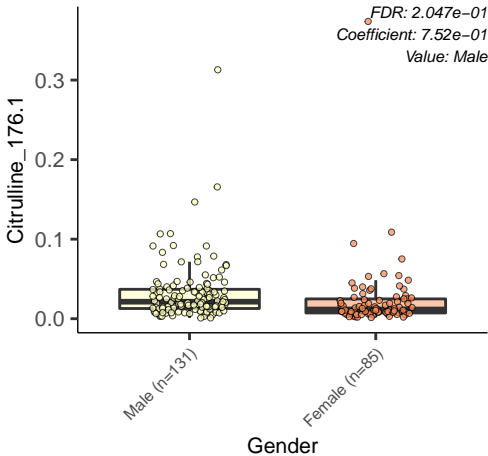
Female (n=85)

Gender

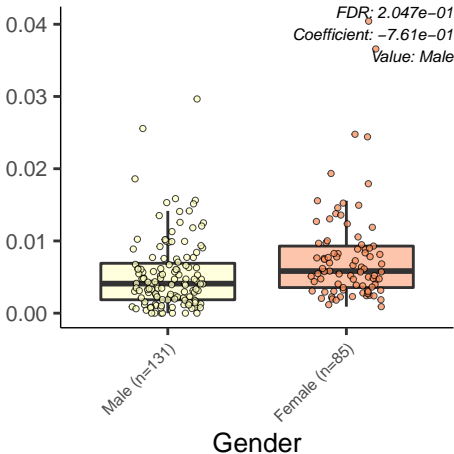
FDR: 2.047e-01
Coefficient: -1.33e+00
Value: Male







Kynurenate_188



Methyl.4.Aminobutyrate_118.1

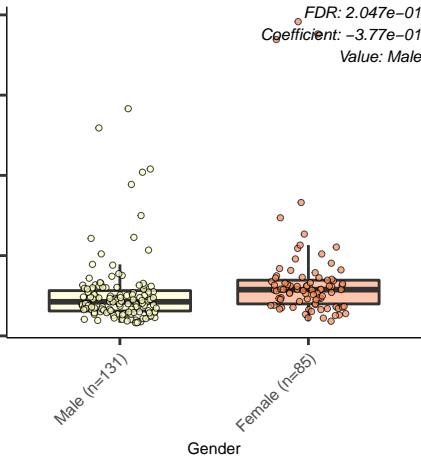
0.8
0.6
0.4
0.2
0.0

Male (n=131)

Female (n=85)

Gender

FDR: 2.047e-01
Coefficient: -3.77e-01
Value: Male



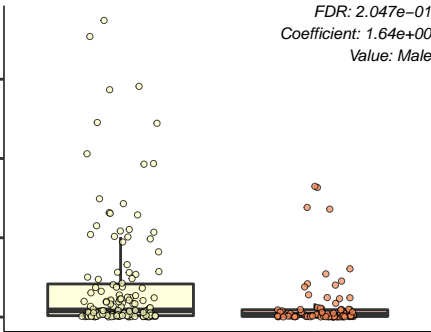
N.Acetylputrescine_131.1

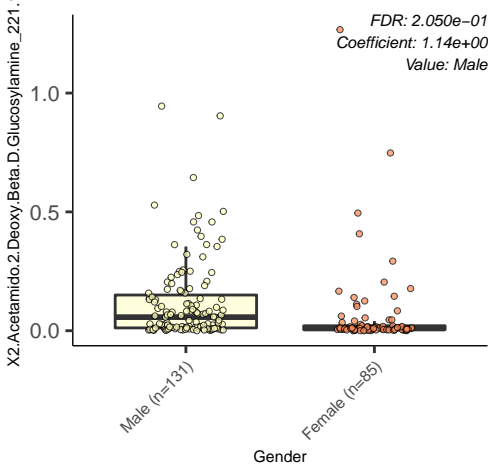
FDR: 2.047e-01
Coefficient: 1.64e+00
Value: Male

Male (n=131)

Female (n=85)

Gender





Aspartate_132

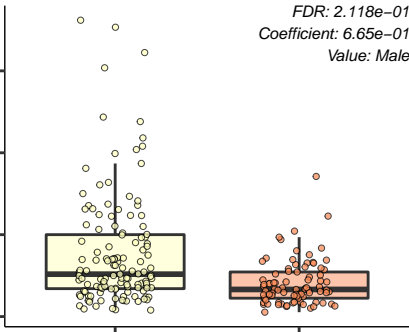
FDR: 2.118e-01
Coefficient: 6.65e-01
Value: Male

Male (n=131)

Female (n=85)

Gender

0.0
0.2
0.4
0.6



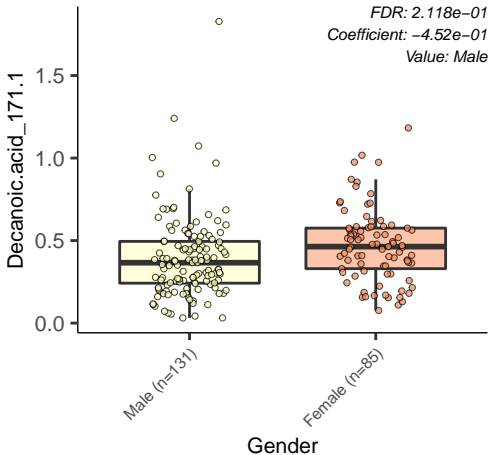
Decanoic.acid_171.1

FDR: 2.118e-01
Coefficient: -4.52e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



Oleic.acid_281.2

FDR: 2.118e-01

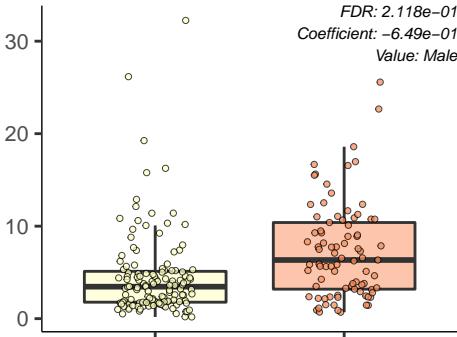
Coefficient: -6.49e-01

Value: Male

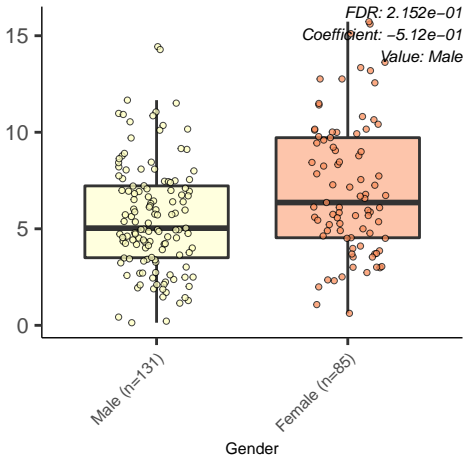
Male (n=131)

Female (n=85)

Gender



X3.Hydroxybenzaldehyde_121



X3.hydroxybutyric.acid_103

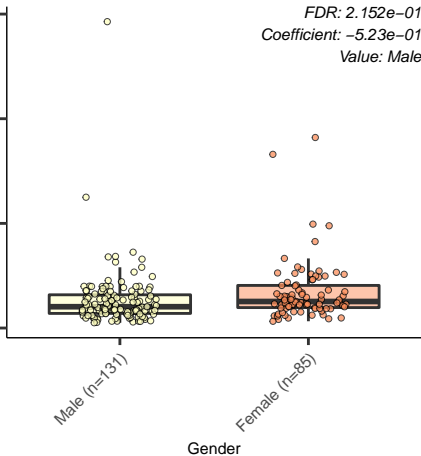
0.3
0.2
0.1
0.0

FDR: 2.152e-01
Coefficient: -5.23e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



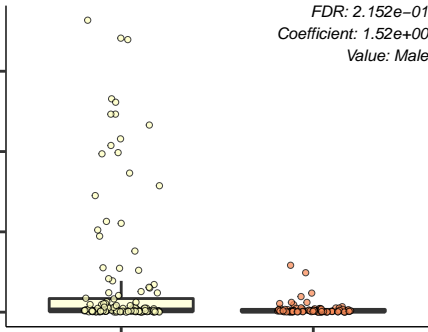
Cholate_407.3

FDR: 2.152e-01
Coefficient: 1.52e+00
Value: Male

Male (n=131)

Female (n=85)

Gender



Dimethylglycine_104.1

FDR: 2.152e-01

Coefficient: -2.66e-01

Value: Male

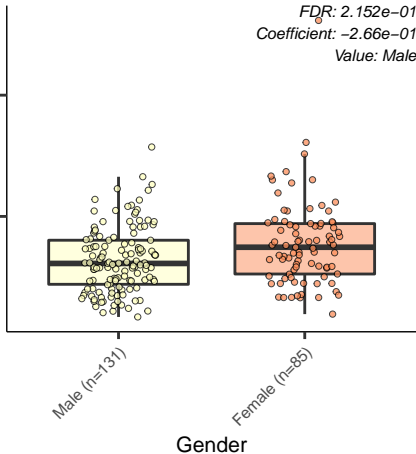
0.2

0.1

Male (n=131)

Female (n=85)

Gender



N.Formylglycine_102

0.04

0.02

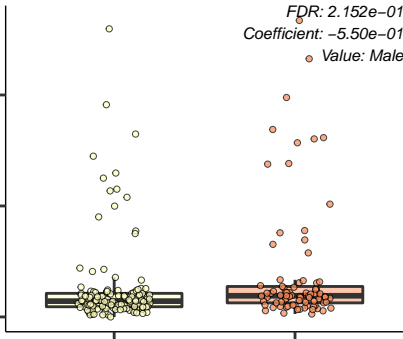
0.00

Male (n=131)

Female (n=85)

Gender

FDR: 2.152e-01
Coefficient: -5.50e-01
Value: Male



Stearic.acid_283.3

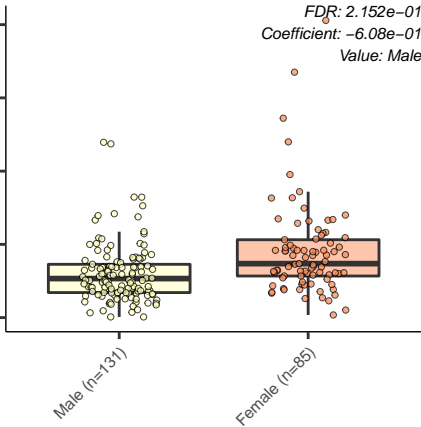
40
30
20
10
0

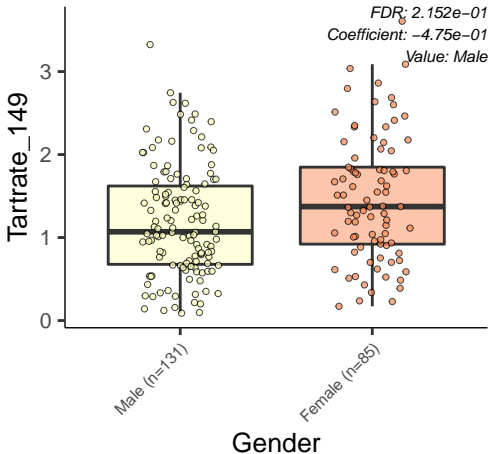
FDR: 2.152e-01
Coefficient: -6.08e-01
Value: Male

Male (n=131)

Female (n=85)

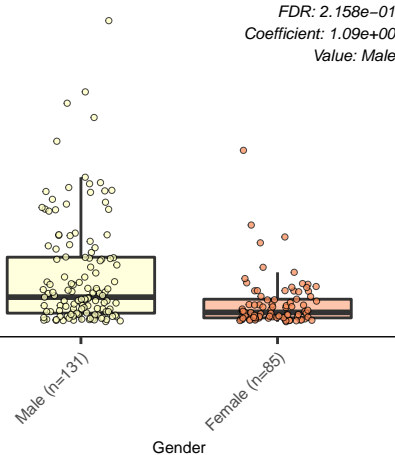
Gender





Bis.2.Ethylhexyl.Phthalate_391.3

FDR: 2.158e-01
Coefficient: 1.09e+00
Value: Male



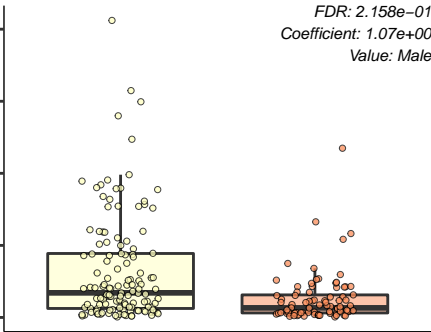
Deoxycholate_391.3

FDR: 2.158e-01
Coefficient: 1.07e+00
Value: Male

Male (n=131)

Female (n=85)

Gender



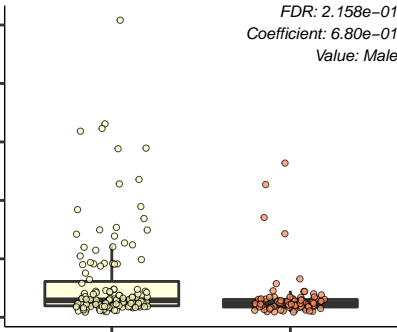
Fructose_179.1

FDR: 2.158e-01
Coefficient: 6.80e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



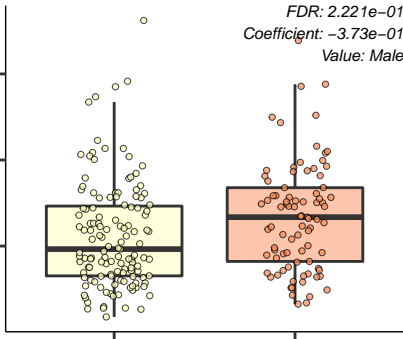
Acetoacetate_101

FDR: 2.221e-01
Coefficient: -3.73e-01
Value: Male

Male (n=131)

Female (n=85)

Gender



X6.Hydroxynicotine_138

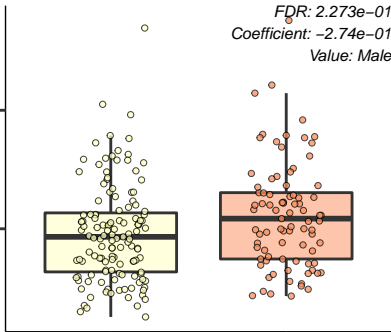
FDR: 2.273e-01
Coefficient: -2.74e-01
Value: Male

0.010
0.005

Male (n=131)

Female (n=85)

Gender



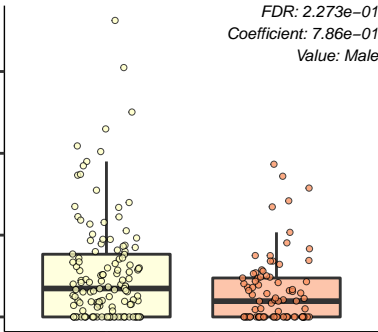
Methylguanidine_74.1

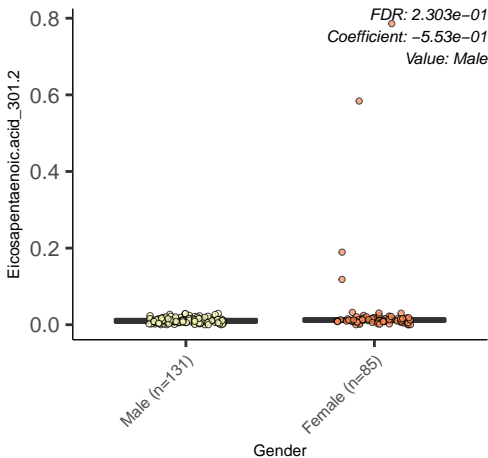
FDR: 2.273e-01
Coefficient: 7.86e-01
Value: Male

Male (n=131)

Female (n=85)

Gender





Trigonelline_138.1

FDR: 2.350e-01
Coefficient: 1.03e+00
Value: Male

2

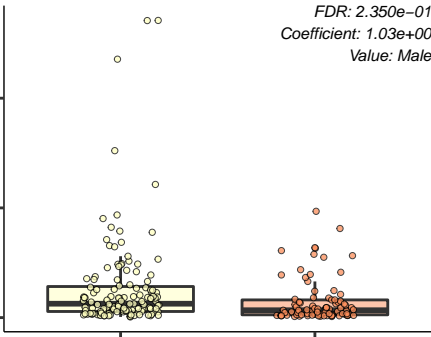
1

0

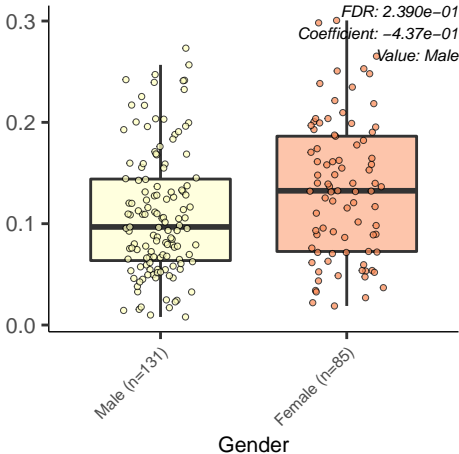
Male (n=131)

Female (n=85)

Gender



Phenylpyruvate_163



Octanoic.acid_143.1

FDR: 2.394e-01

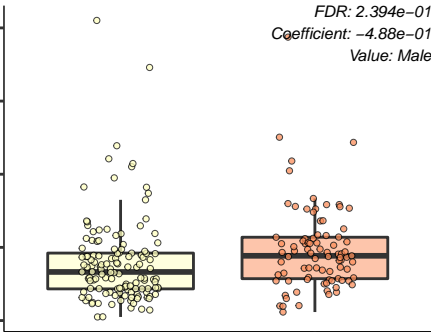
Coefficient: -4.88e-01

Value: Male

Male (n=131)

Female (n=85)

Gender



X3.Methylglutaconate_143

FDR: 2.401e-01
Coefficient: -4.29e-01
Value: Male

0.10

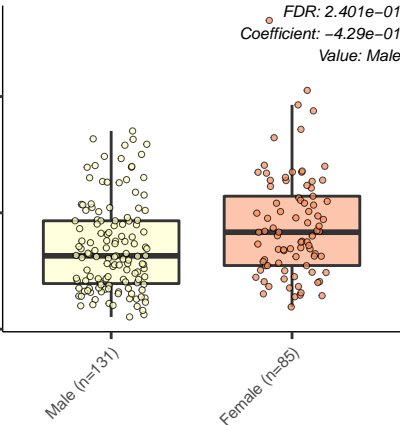
0.05

0.00

Male (n=131)

Female (n=85)

Gender



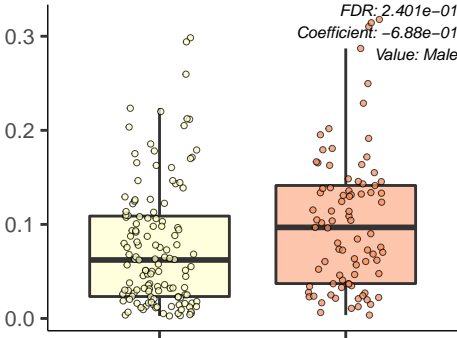
Glucuronolactone_175

Male (n=131)

Female (n=85)

Gender

FDR: $2.401e-01$
Coefficient: $-6.88e-01$
Value: Male



Methyl.Vanillate_181.1

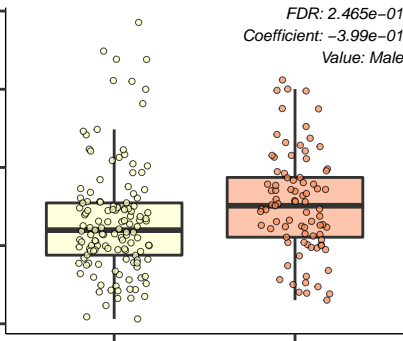
0.12
0.09
0.06
0.03
0.00

Male (n=131)

Female (n=85)

Gender

FDR: 2.465e-01
Coefficient: -3.99e-01
Value: Male



trans.3.Hexenoic.acid_113.1

