

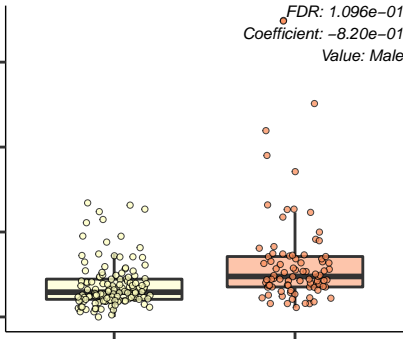
N.Acetyl methionine

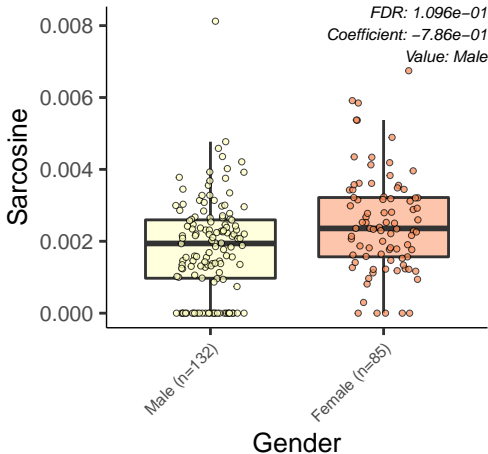
FDR: 1.096e-01
Coefficient: -8.20e-01
Value: Male

Male (n=132)

Female (n=85)

Gender





Allothreonine

FDR: 1.461e-01

Coefficient: -6.35e-01

Value: Male

0.04

0.03

0.02

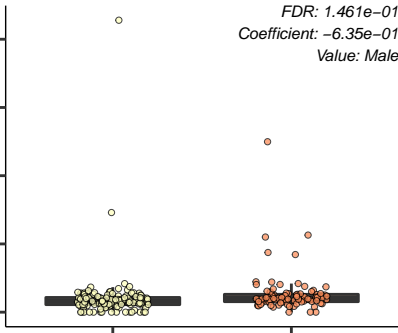
0.01

0.00

Male (n=132)

Female (n=85)

Gender



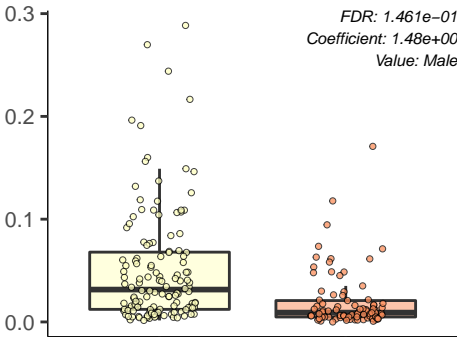
Dimethylarginine

FDR: 1.461e-01
Coefficient: 1.48e+00
Value: Male

Male (n=132)

Female (n=85)

Gender



X3.Hydroxybenzyl.Alcohol

FDR: $1.515e-01$
Coefficient: $-5.17e-01$
Value: Male

0.15

0.10

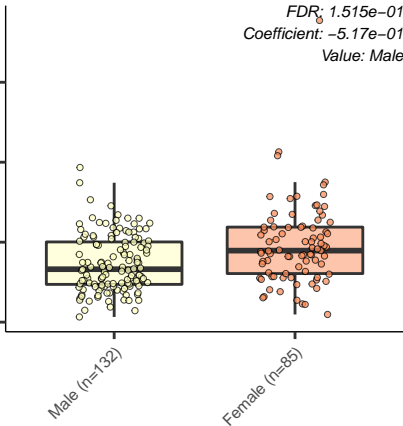
0.05

0.00

Male (n=132)

Female (n=85)

Gender



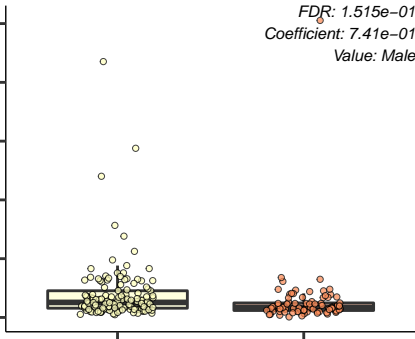
Cis.4.Hydroxy.D.Proline

FDR: 1.515e-01
Coefficient: 7.41e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



Epinephrine

FDR: 1.515e-01

Coefficient: -6.23e-01

Value: Male

0.004

0.003

0.002

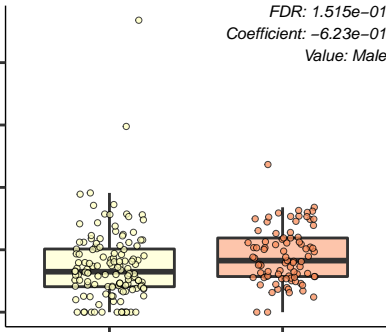
0.001

0.000

Male (n=132)

Female (n=85)

Gender



Methylarginine

FDR: 1.515e-01
Coefficient: 9.58e-01
Value: Male

0.010

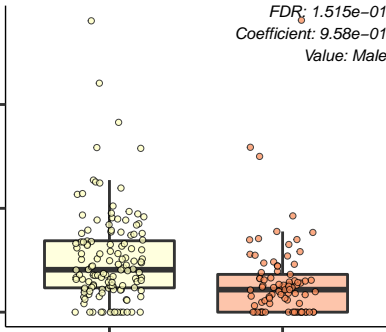
0.005

0.000

Male (n=132)

Female (n=85)

Gender



Methylmalonate

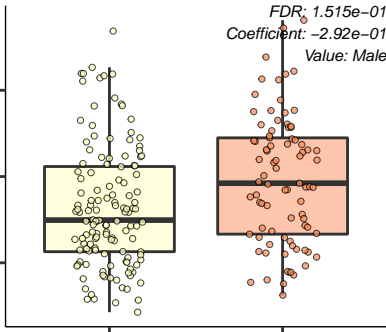
0.006
0.004
0.002

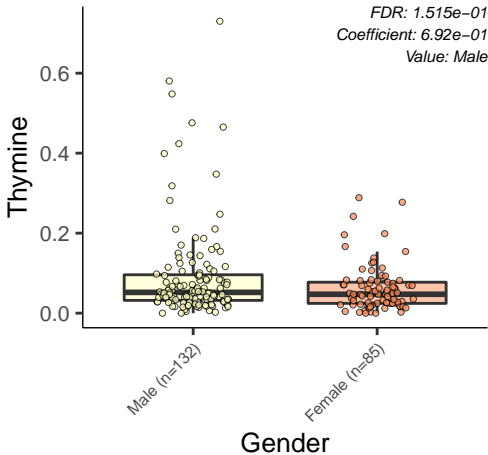
Male (n=132)

Female (n=85)

Gender

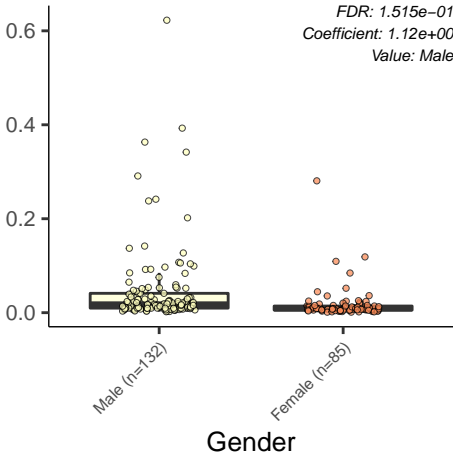
FDR: 1.515e-01
Coefficient: -2.92e-01
Value: Male





Trimethyllysine

FDR: 1.515e-01
Coefficient: 1.12e+00
Value: Male



N.Acetylanaline

FDR: 1.597e-01
Coefficient: 4.65e-01
Value: Male

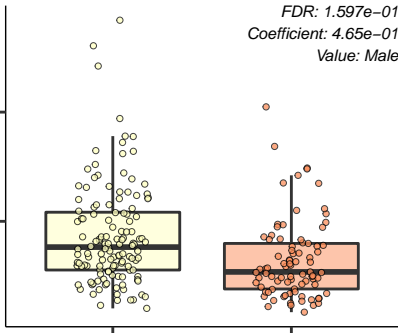
0.02

0.01

Male (n=132)

Female (n=85)

Gender



N.Acetylglycine

0.02

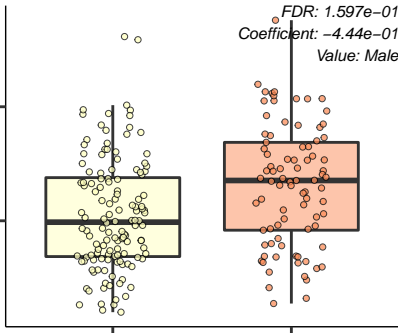
0.01

Male (n=132)

Female (n=85)

Gender

FDR: 1.597e-01
Coefficient: -4.44e-01
Value: Male



P.Octopamine

FDR: 1.597e-01

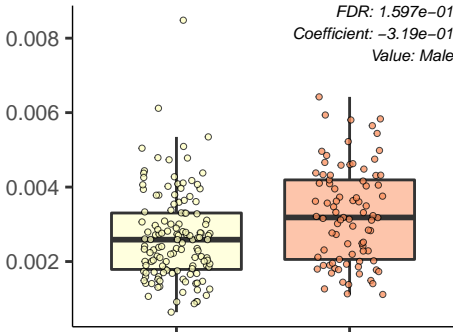
Coefficient: -3.19e-01

Value: Male

Male (n=132)

Female (n=85)

Gender



Pyridoxine

FDR: 1.597e-01
Coefficient: -5.92e-01
Value: Male

1.5

1.0

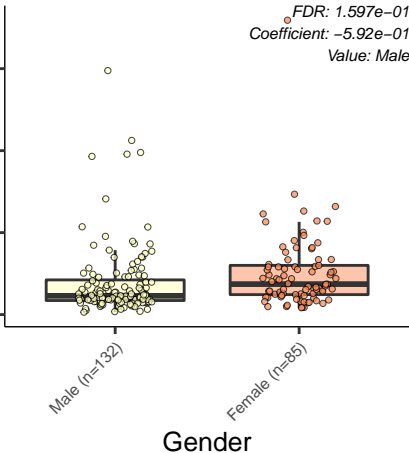
0.5

0.0

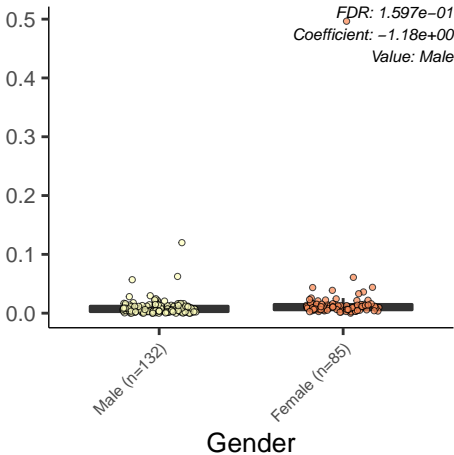
Male (n=132)

Female (n=85)

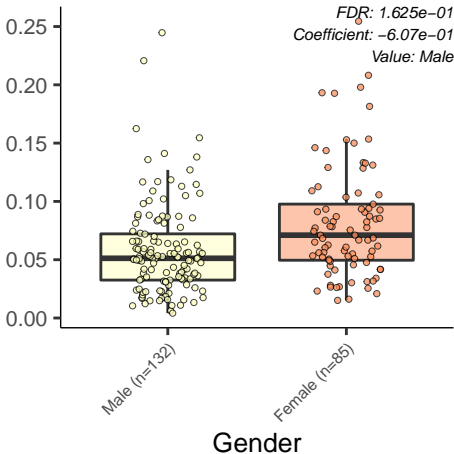
Gender



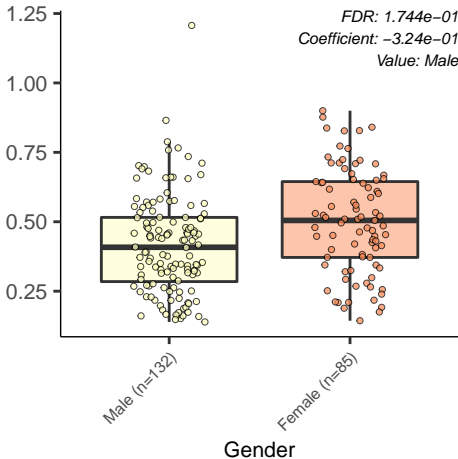
Xanthurenate



Pyridoxal



X4.Hydroxybenzaldehyde



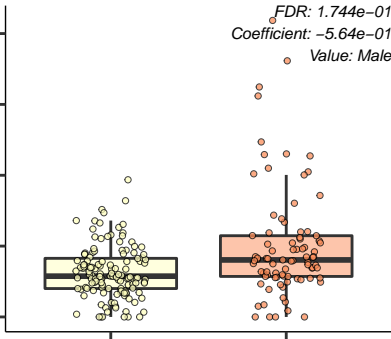
cis.10.Nonadecenoic.acid

FDR: 1.744e-01
Coefficient: -5.64e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



N.Methylaspartate

FDR: 1.787e-01
Coefficient: -8.73e-01
Value: Male

0.010

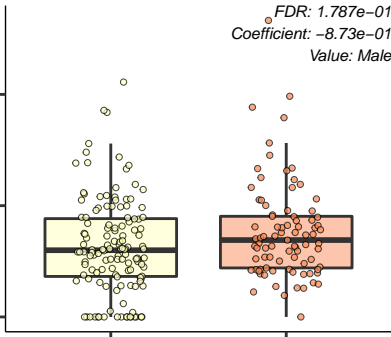
0.005

0.000

Male (n=132)

Female (n=85)

Gender



X3.Amino.5.Hydroxybenzoate

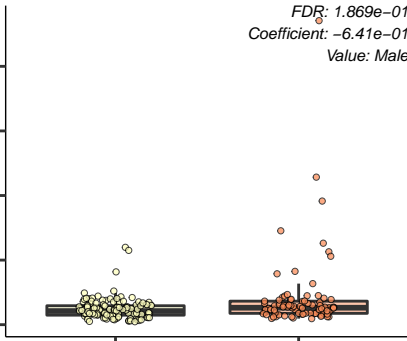
FDR: 1.869e-01
Coefficient: -6.41e-01
Value: Male

0.04
0.03
0.02
0.01
0.00

Male (n=132)

Female (n=85)

Gender



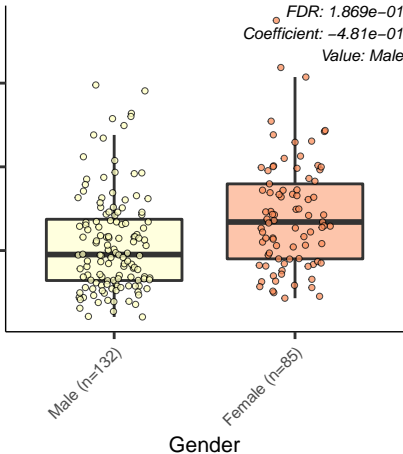
X3.Methoxytyrosine

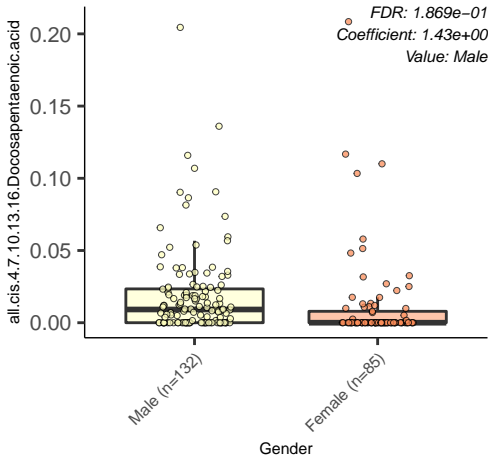
FDR: 1.869e-01
Coefficient: -4.81e-01
Value: Male

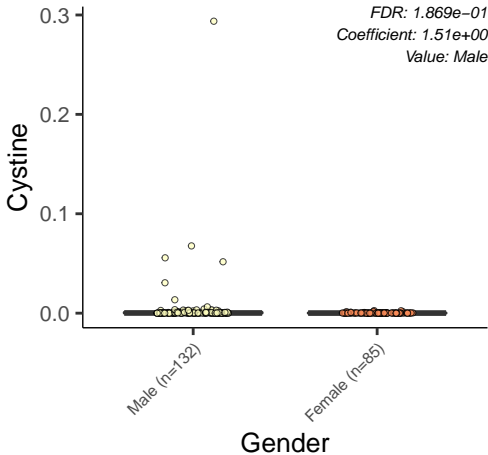
Male (n=132)

Female (n=85)

Gender







Dehydroascorbate

FDR: 1.869e-01
Coefficient: -5.50e-01
Value: Male

0.006

0.004

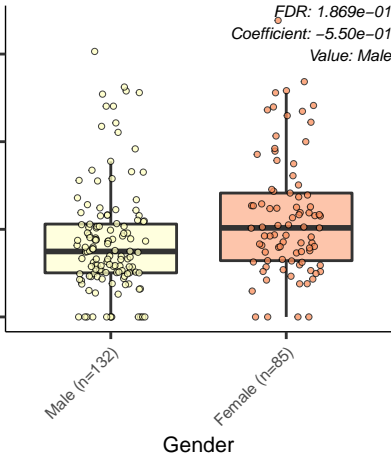
0.002

0.000

Male (n=132)

Female (n=85)

Gender



Dodecanoic.acid

10

5

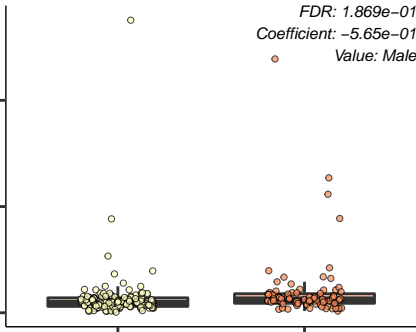
0

Male (n=132)

Female (n=85)

Gender

FDR: 1.869e-01
Coefficient: -5.65e-01
Value: Male



Glycolate

12

8

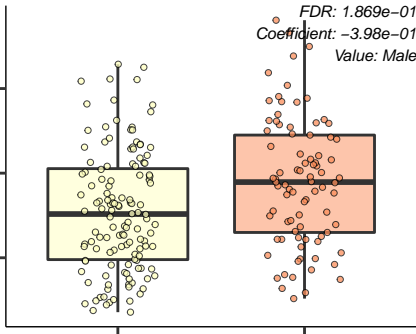
4

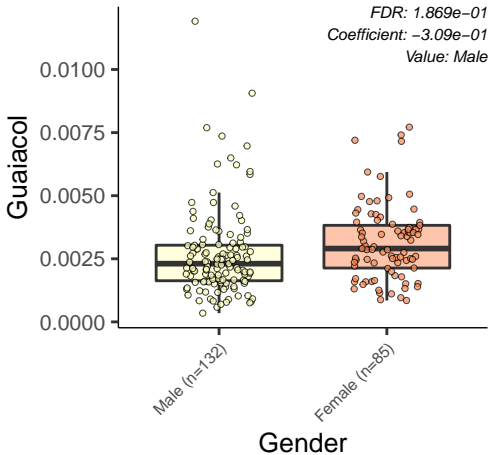
Male (n=132)

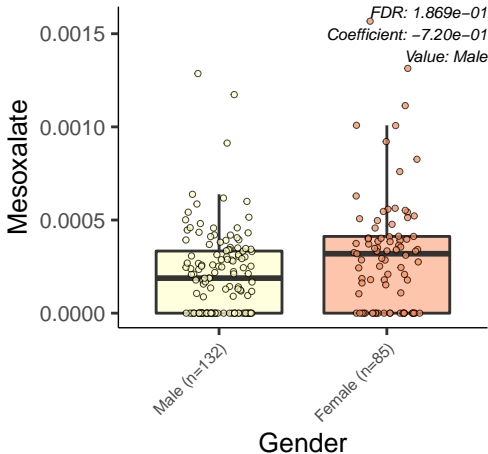
Female (n=85)

Gender

FDR: 1.869e-01
Coefficient: -3.98e-01
Value: Male







methyl.lysine

FDR: 1.869e-01
Coefficient: 1.03e+00
Value: Male

0.04

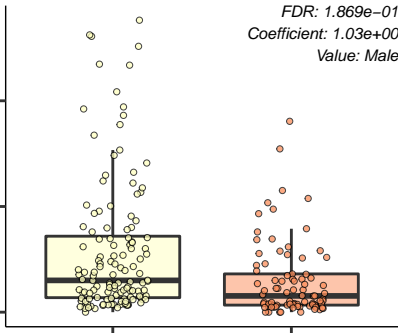
0.02

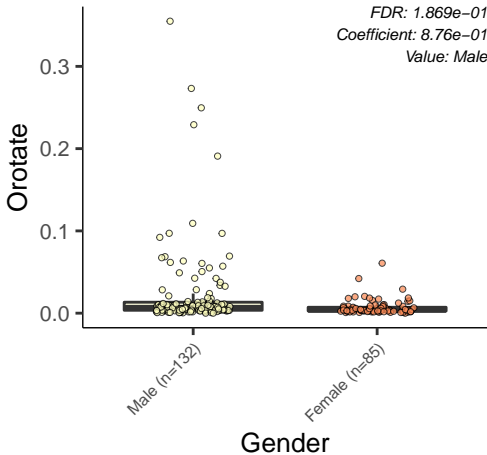
0.00

Male (n=132)

Female (n=85)

Gender





Salicylate

0.4

0.3

0.2

0.1

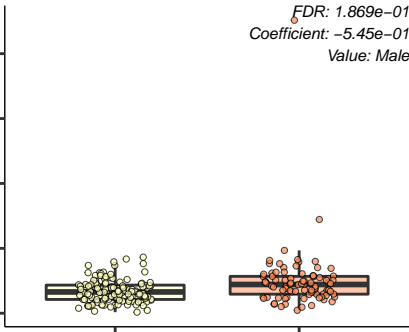
0.0

Male (n=132)

Female (n=85)

Gender

FDR: $1.869e-01$
Coefficient: $-5.45e-01$
Value: Male



trans.trans.Muconic.acid

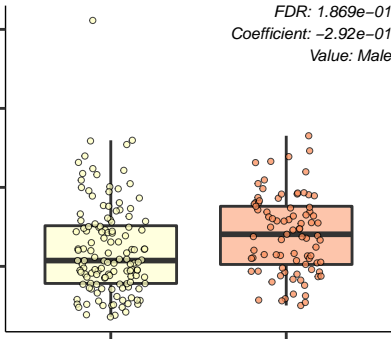
0.008
0.006
0.004
0.002

Male (n=132)

Female (n=85)

Gender

FDR: 1.869e-01
Coefficient: -2.92e-01
Value: Male



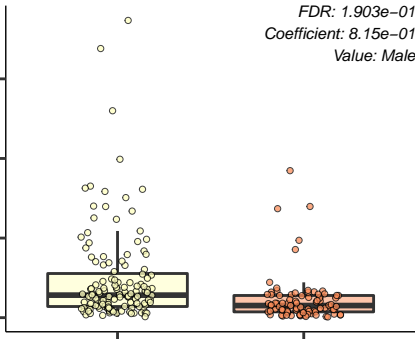
N.Acetylneuraminate

FDR: 1.903e-01
Coefficient: 8.15e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



Diethanolamine

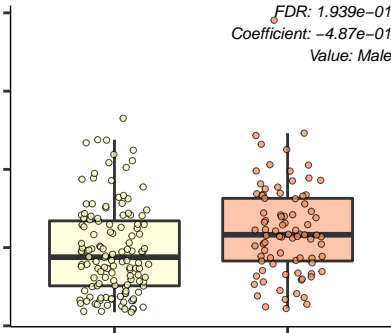
0.020
0.015
0.010
0.005
0.000

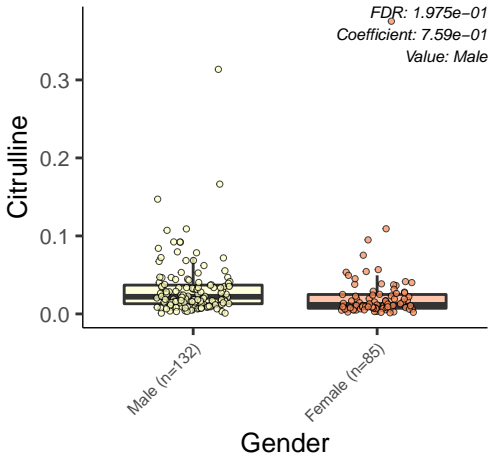
Male (n=132)

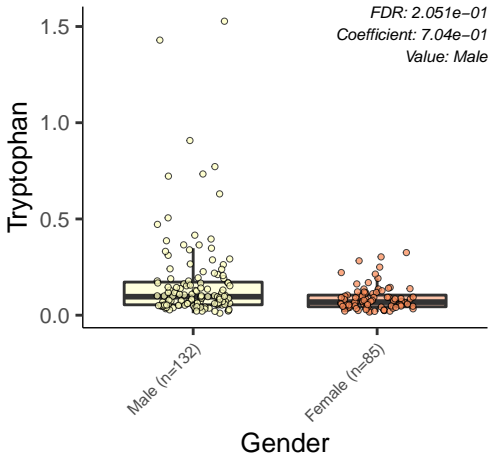
Female (n=85)

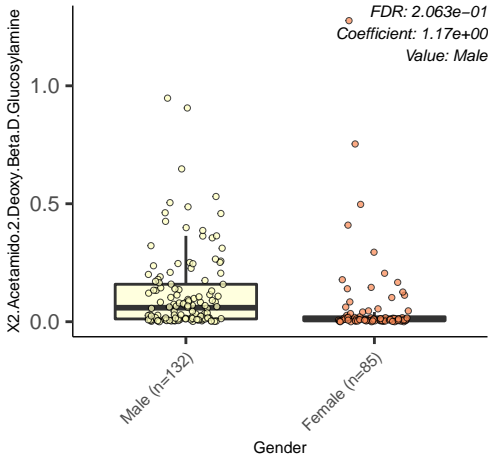
Gender

FDR: 1.939e-01
Coefficient: -4.87e-01
Value: Male









X3..4.Hydroxyphenyl.Pyruvate

1.0

0.5

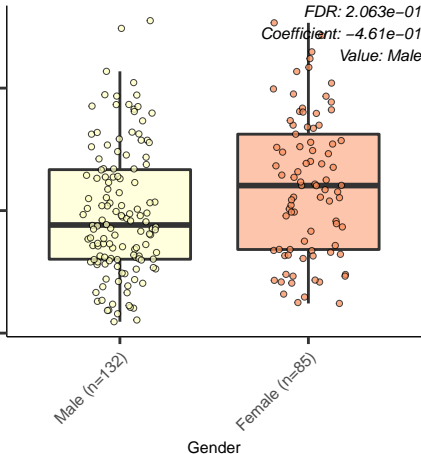
0.0

Male (n=132)

Female (n=85)

Gender

FDR: 2.063e-01
Coefficient: -4.61e-01
Value: Male



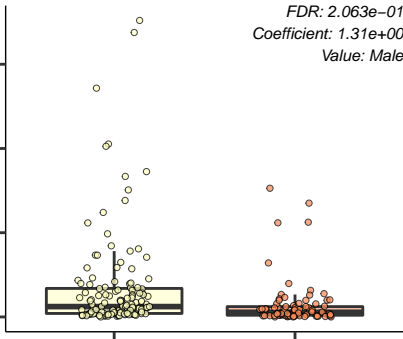
X3.Methyl.L.Histidine

FDR: 2.063e-01
Coefficient: 1.31e+00
Value: Male

Male (n=132)

Female (n=85)

Gender



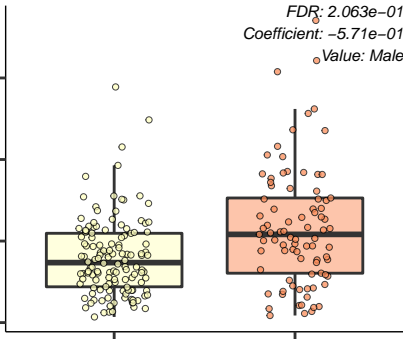
X6.Carboxyhexanoate

FDR: 2.063e-01
Coefficient: -5.71e-01
Value: Male

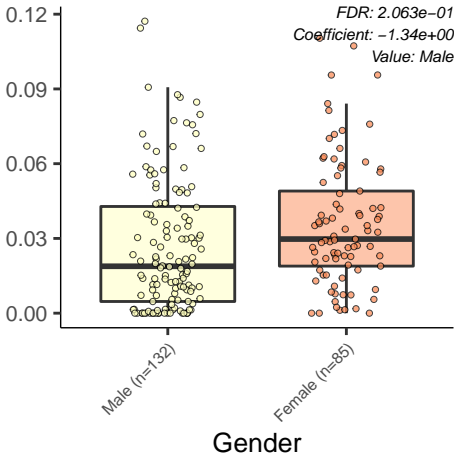
Male (n=132)

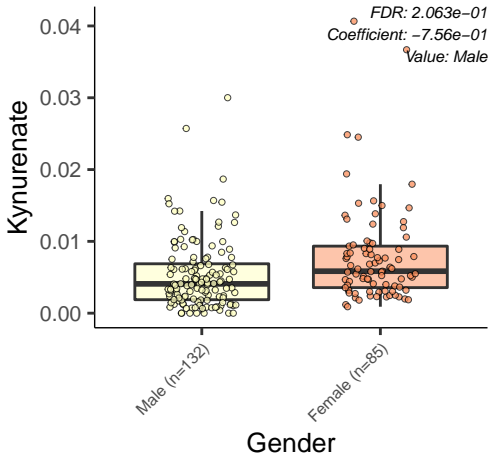
Female (n=85)

Gender



Benzyl.Alcohol





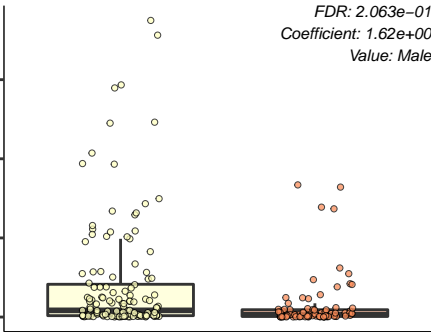
N.Acetylputrescine

FDR: 2.063e-01
Coefficient: 1.62e+00
Value: Male

Male (n=132)

Female (n=85)

Gender



X3.Amino.4.Hydroxybenzoate

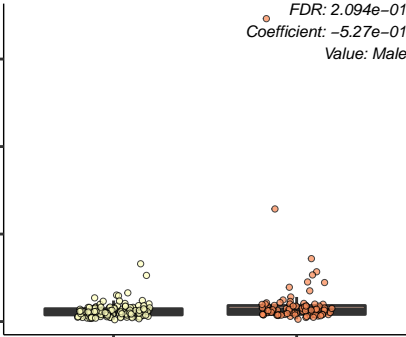
FDR: 2.094e-01
Coefficient: -5.27e-01
Value: Male

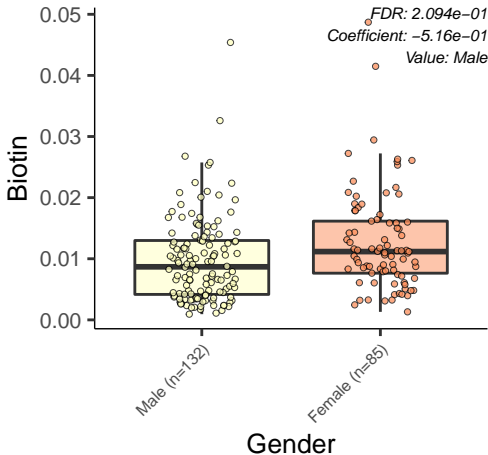
0.06
0.04
0.02
0.00

Male (n=132)

Female (n=85)

Gender





Methyl.4.Aminobutyrate

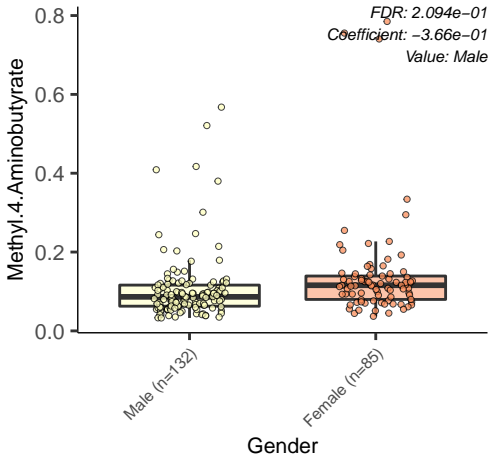
0.8
0.6
0.4
0.2
0.0

Male (n=132)

Female (n=85)

Gender

FDR: 2.094e-01
Coefficient: -3.66e-01
Value: Male



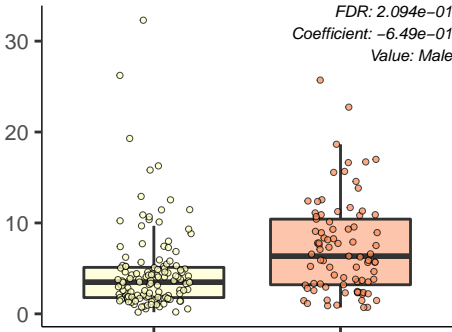
Oleic.acid

FDR: 2.094e-01
Coefficient: -6.49e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



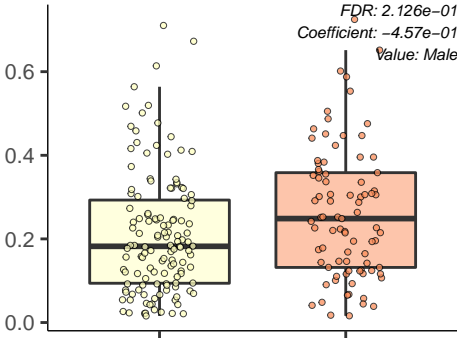
X2.Hydroxypyridine

Male (n=132)

Female (n=85)

Gender

FDR: 2.126e-01
Coefficient: -4.57e-01
Value: Male



X3.hydroxybutyric.acid

FDR: 2.126e-01

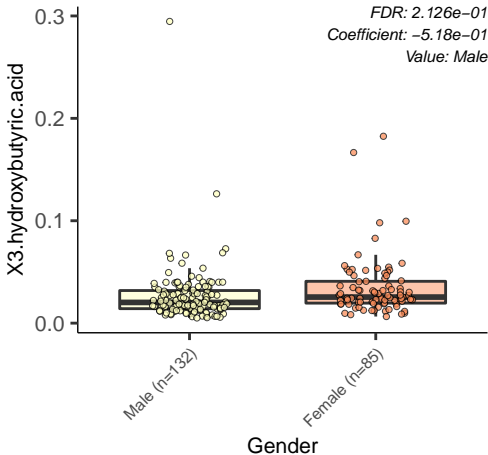
Coefficient: -5.18e-01

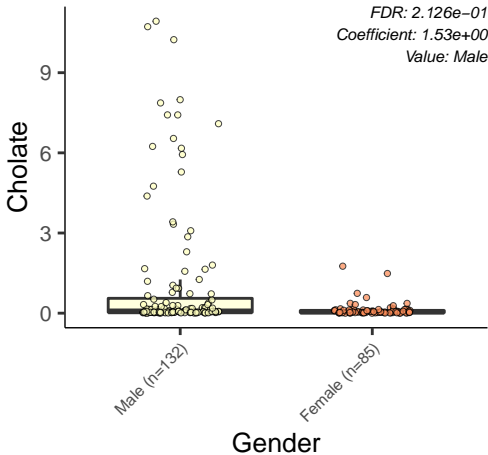
Value: Male

Male (n=132)

Female (n=85)

Gender





Decanoic.acid

FDR: 2.126e-01

Coefficient: -4.43e-01

Value: Male

1.5

1.0

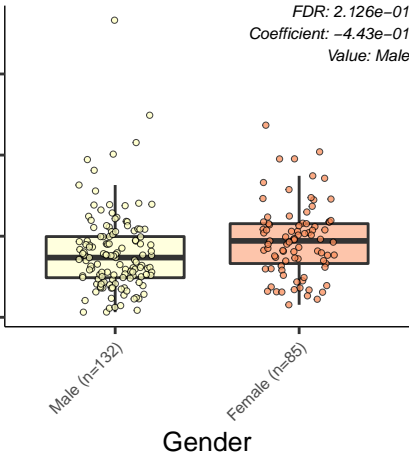
0.5

0.0

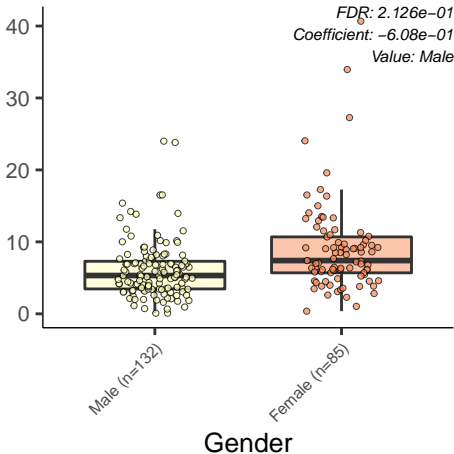
Male (n=132)

Female (n=85)

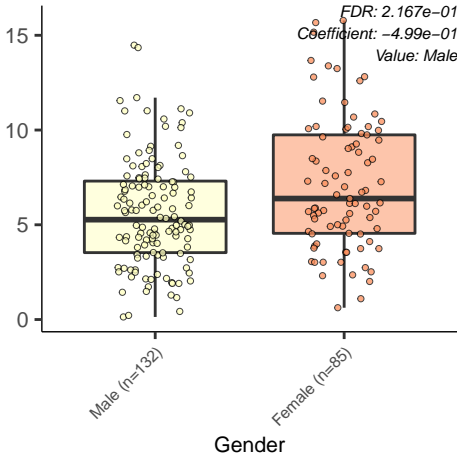
Gender



Stearic.acid



X3.Hydroxybenzaldehyde



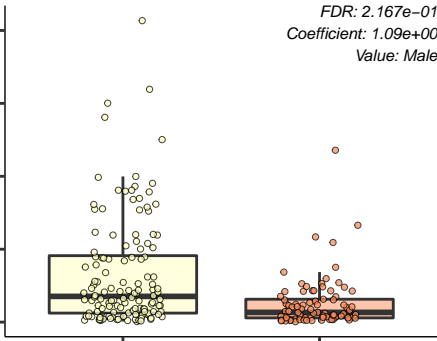
Bis.2.Ethylhexyl.Phthalate

FDR: 2.167e-01
Coefficient: 1.09e+00
Value: Male

Male (n=132)

Female (n=85)

Gender



Deoxycholate

FDR: 2.167e-01

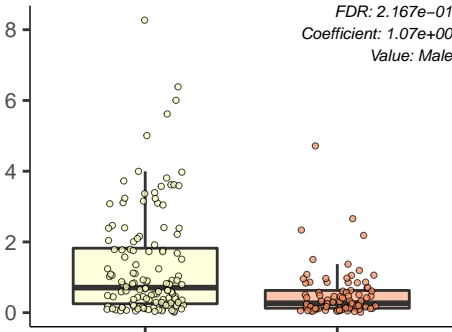
Coefficient: 1.07e+00

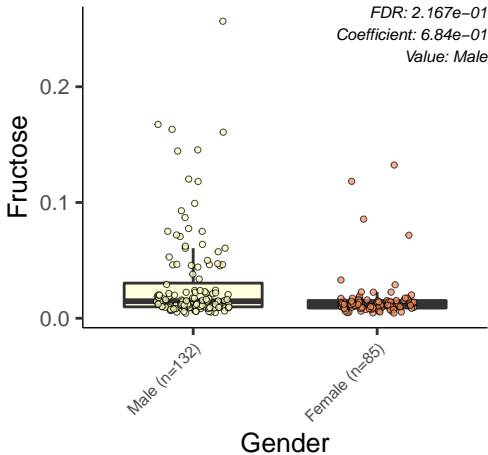
Value: Male

Male (n=132)

Female (n=85)

Gender





N-Formylglycine

FDR: 2.167e-01
Coefficient: -5.47e-01
Value: Male

0.04

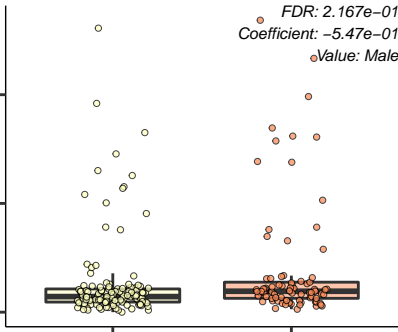
0.02

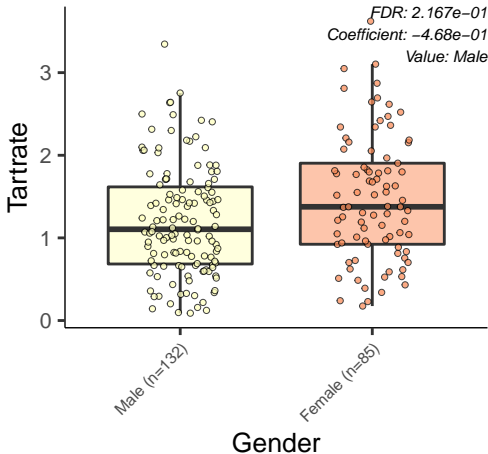
0.00

Male (n=132)

Female (n=85)

Gender





X3.Sulfinoalanine

FDR: 2.205e-01
Coefficient: -3.60e-01
Value: Male

0.0015

0.0010

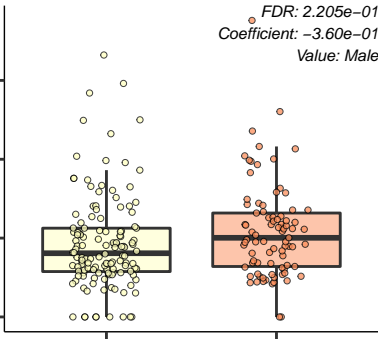
0.0005

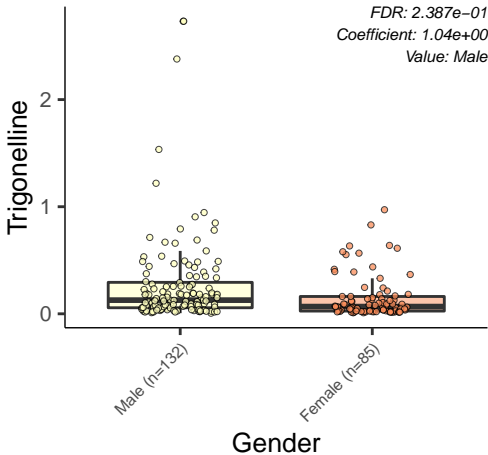
0.0000

Male (n=132)

Female (n=85)

Gender





Acetoacetate

FDR: 2.390e-01

Coefficient: -3.62e-01

Value: Male

0.06

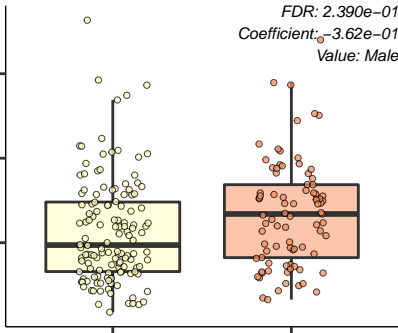
0.04

0.02

Male (n=132)

Female (n=85)

Gender



Dimethylglycine

0.2

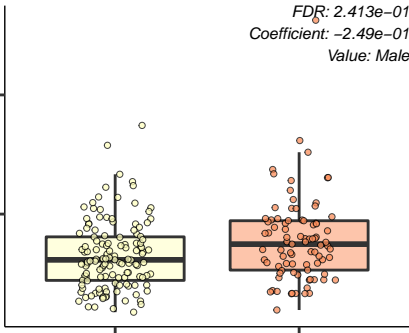
0.1

Male (n=132)

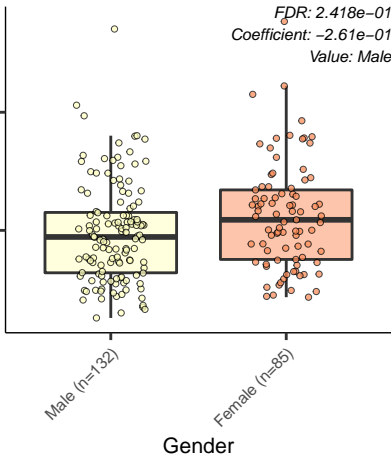
Female (n=85)

Gender

FDR: $2.413e-01$
Coefficient: $-2.49e-01$
Value: Male



X6.Hydroxynicotinate



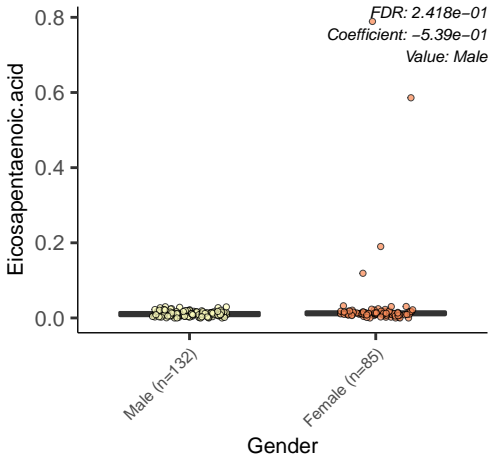
Eicosapentaenoic.acid

FDR: 2.418e-01
Coefficient: -5.39e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



Glucuronolactone

0.3

0.2

0.1

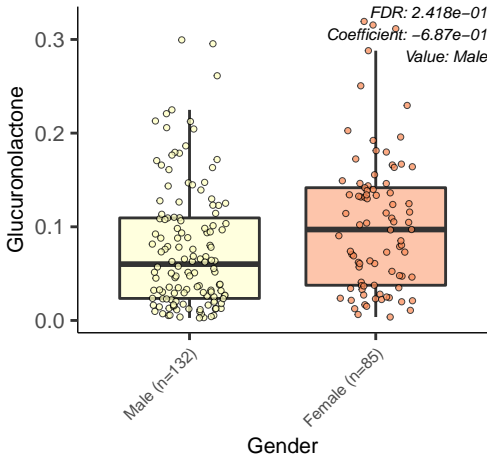
0.0

Male (n=132)

Female (n=85)

Gender

FDR: 2.418e-01
Coefficient: -6.87e-01
Value: Male



Octanoic.acid

FDR: 2.435e-01

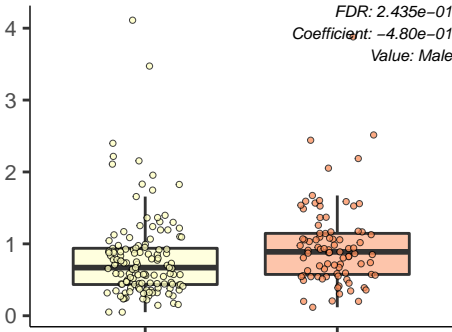
Coefficient: -4.80e-01

Value: Male

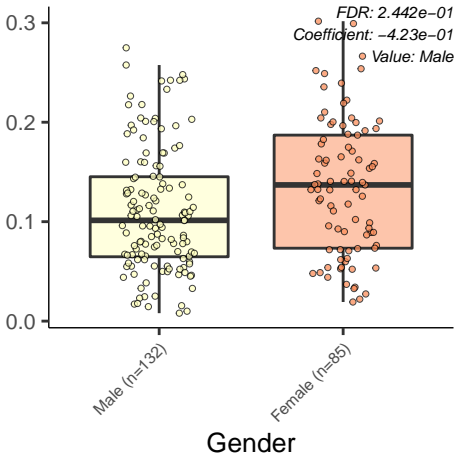
Male (n=132)

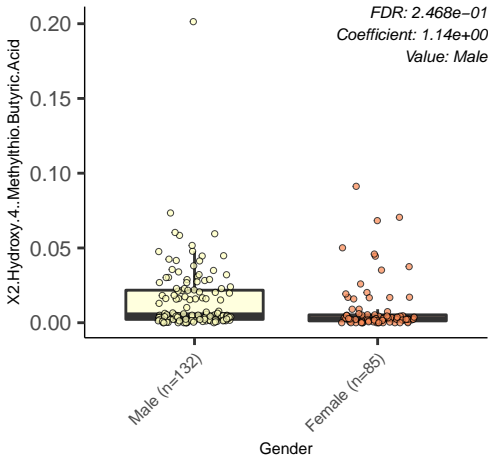
Female (n=85)

Gender



Phenylpyruvate





X3.Methylglutaconate

FDR: 2.468e-01
Coefficient: -4.18e-01
Value: Male

0.10

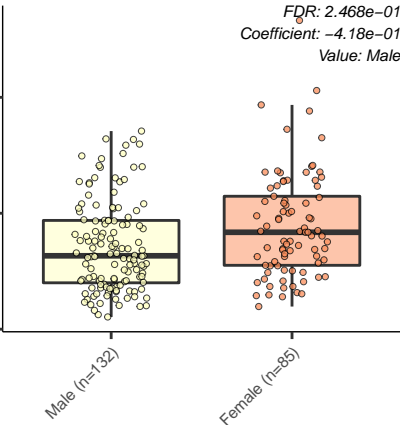
0.05

0.00

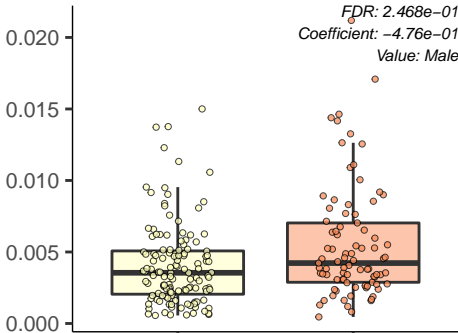
Male (n=132)

Female (n=85)

Gender



X4.Aminobenzoate



Crotonic.acid

0.3

0.2

0.1

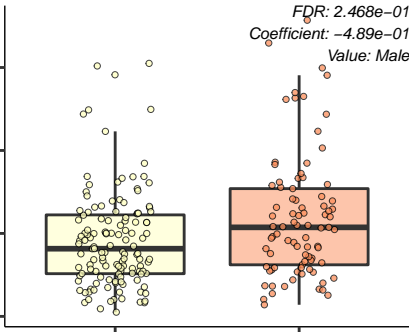
0.0

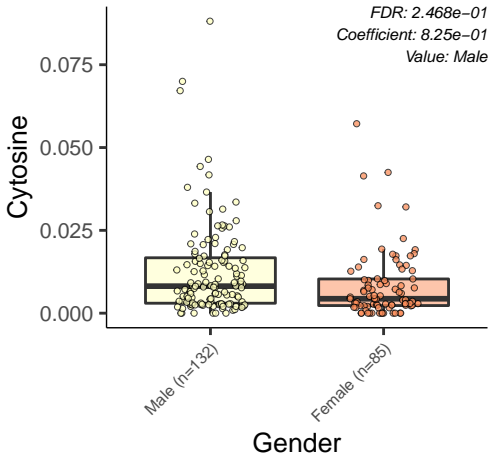
Male (n=132)

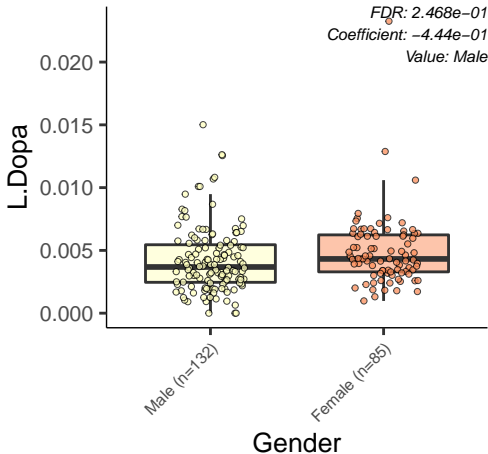
Female (n=85)

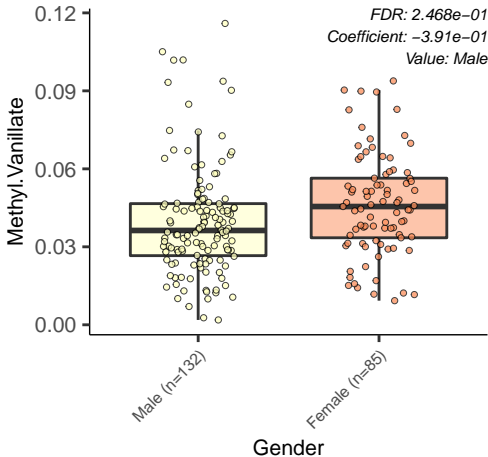
Gender

FDR: $2.468e-01$
Coefficient: $-4.89e-01$
Value: Male









Methylguanidine

FDR: 2.468e-01
Coefficient: 7.61e-01
Value: Male

0.0075

0.0050

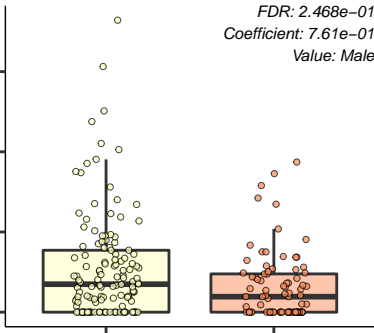
0.0025

0.0000

Male (n=132)

Female (n=85)

Gender



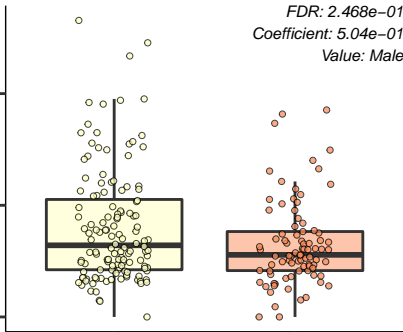
N.Acetyltryptophan

FDR: 2.468e-01
Coefficient: 5.04e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



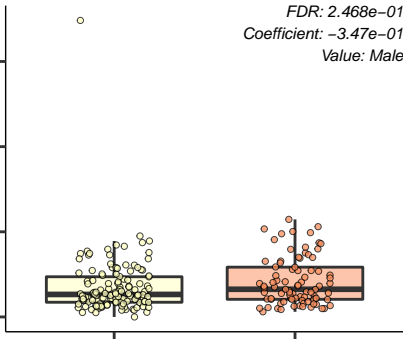
Phenylethanolamine

FDR: 2.468e-01
Coefficient: -3.47e-01
Value: Male

Male (n=132)

Female (n=85)

Gender



trans.3.Hexenoic.acid

