

Proline_116.1

FDR: 8.600e-05

Coefficient: 3.11e-01

Value: Male

4

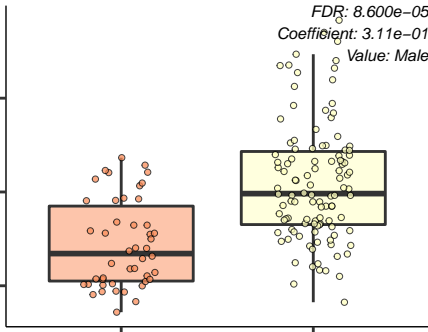
3

2

Female (n=46)

Male (n=110)

Gender



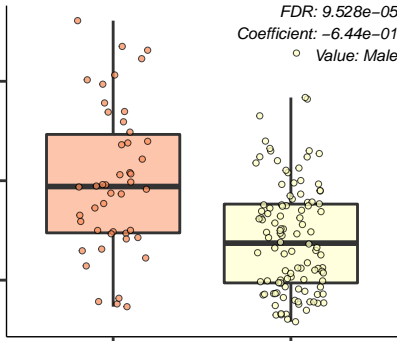
X3.Hydroxyoctanoic.acid_159.1

FDR: $9.528e-05$
Coefficient: $-6.44e-01$
Value: Male

Female (n=46)

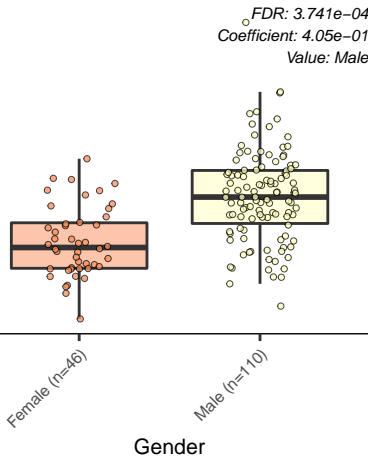
Male (n=110)

Gender

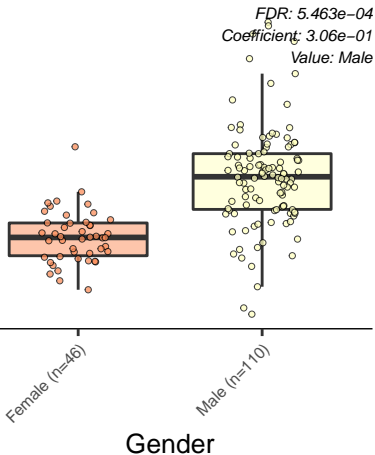


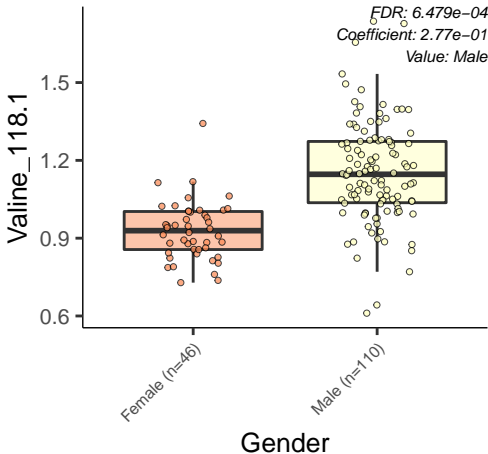
Deoxycarnitine_146.1

FDR: 3.741e-04
Coefficient: 4.05e-01
Value: Male



Norvaline_118.1





Xanthine_153

FDR: 1.982e-03

Coefficient: -7.62e-01

Value: Male

0.003

0.002

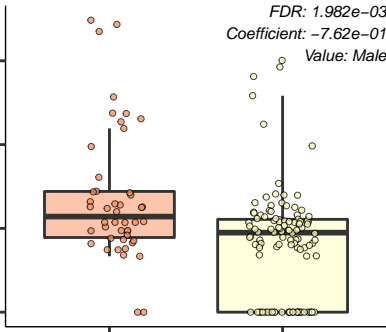
0.001

0.000

Female (n=46)

Male (n=110)

Gender



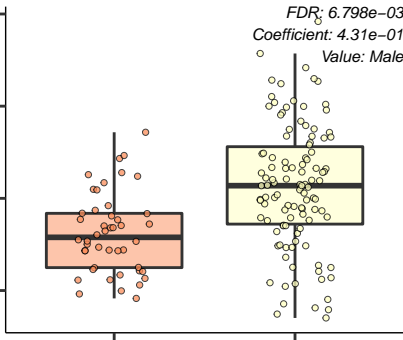
Guanidinoacetate_118.1

FDR: 6.798e-03
Coefficient: 4.31e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Palmitoleic.acid_253.2

FDR: 7.916e-03

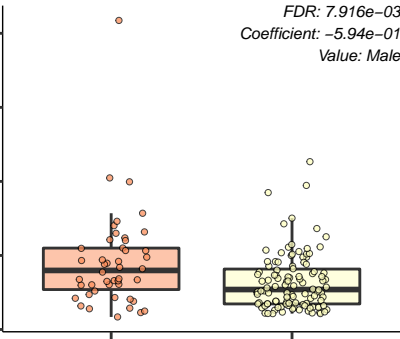
Coefficient: -5.94e-01

Value: Male

Female (n=46)

Male (n=110)

Gender



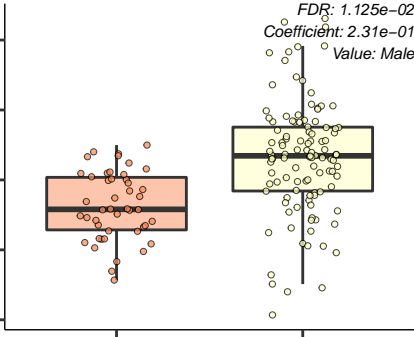
Isoleucine_132.1

Female (n=46)

Male (n=110)

Gender

FDR: 1.125e-02
Coefficient: 2.31e-01
Value: Male



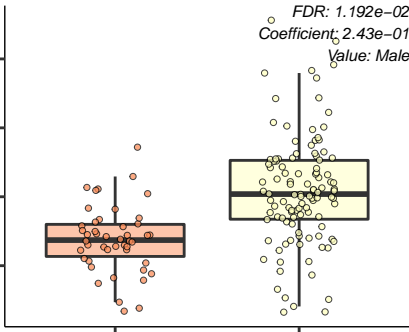
Leucine_132.1

FDR: 1.192×10^{-2}
Coefficient: 2.43×10^{-1}
Value: Male

Female (n=46)

Male (n=110)

Gender



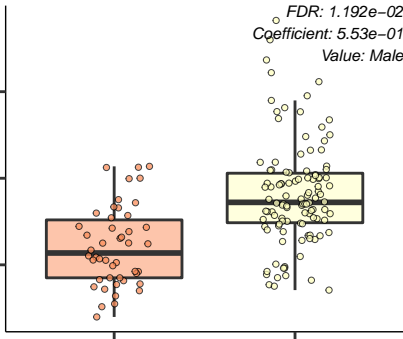
Propionyl.carnitine_218.1

FDR: 1.192e-02
Coefficient: 5.53e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



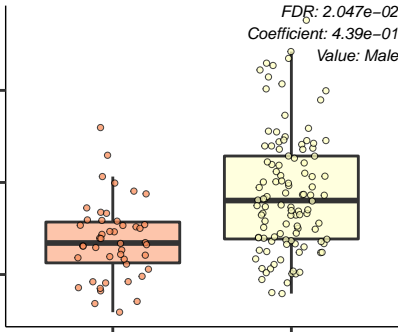
Ornithine_133.1

FDR: 2.047e-02
Coefficient: 4.39e-01
Value: Male

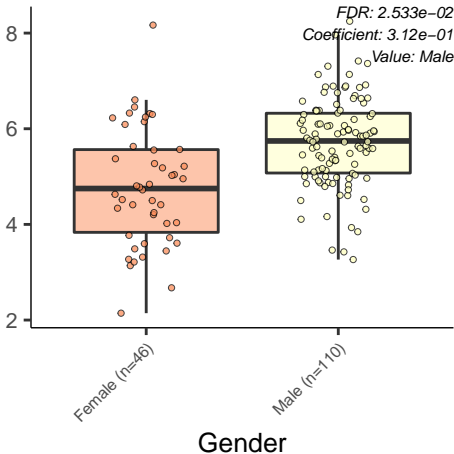
Female (n=46)

Male (n=110)

Gender



Carnitine_162.1



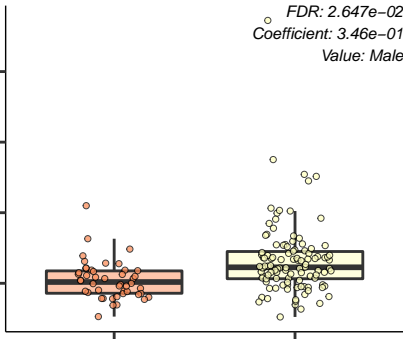
Trimethyllysine_189.2

FDR: 2.647e-02
Coefficient: 3.46e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Linoleic.acid_279.2

2

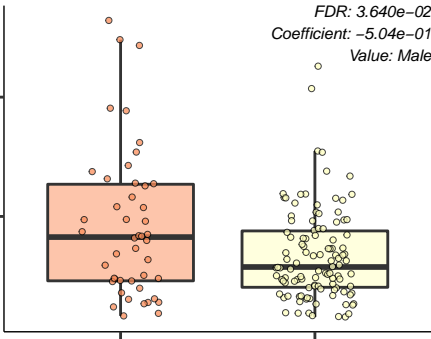
1

Female (n=46)

Male (n=110)

Gender

FDR: 3.640×10^{-2}
Coefficient: -5.04×10^{-1}
Value: Male



Myristoleic.acid_225.2

0.125

0.100

0.075

0.050

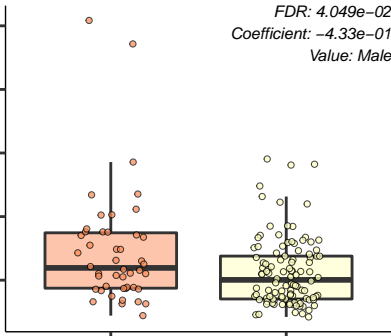
0.025

Female (n=46)

Male (n=110)

Gender

FDR: 4.049×10^{-2}
Coefficient: -4.33×10^{-1}
Value: Male



Betaine_118.1

FDR: 4.745e-02

Coefficient: 3.67e-01

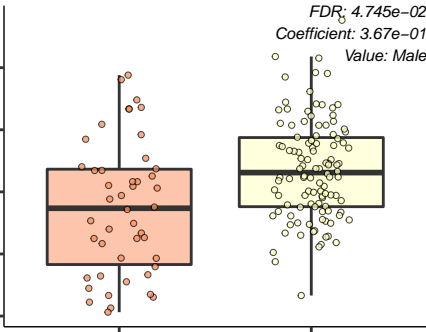
Value: Male

Female (n=46)

Male (n=110)

Gender

5
4
3
2
1



Methyl.Galactoside_193.1

FDR: 4.883e-02

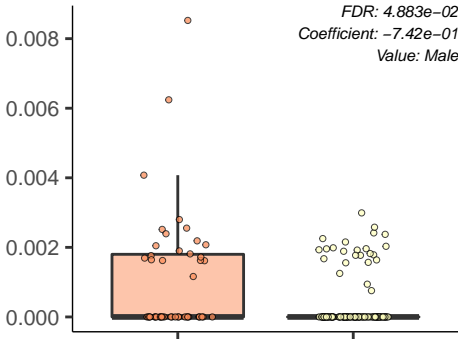
Coefficient: -7.42e-01

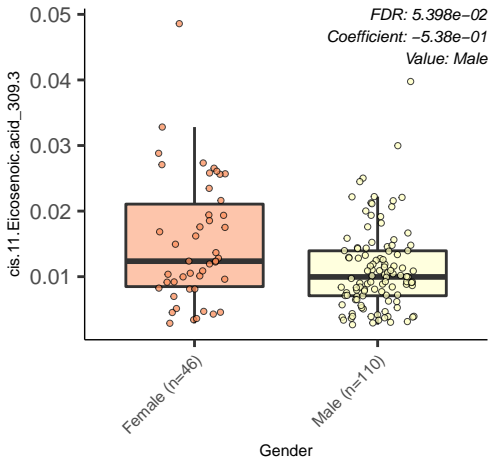
Value: Male

Female (n=46)

Male (n=110)

Gender





Oleic.acid_281.2

FDR: 5.880e-02

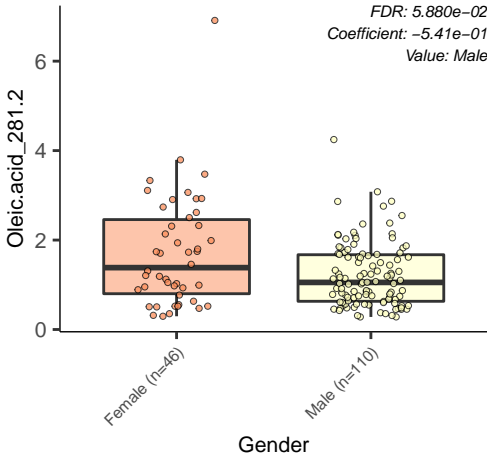
Coefficient: -5.41e-01

Value: Male

Female (n=46)

Male (n=110)

Gender



acetyl.lysine_189.1

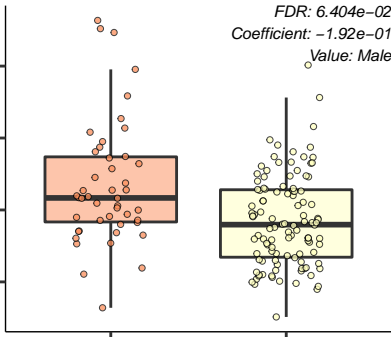
0.012
0.010
0.008
0.006

Female (n=46)

Male (n=110)

Gender

FDR: $6.404e-02$
Coefficient: $-1.92e-01$
Value: Male



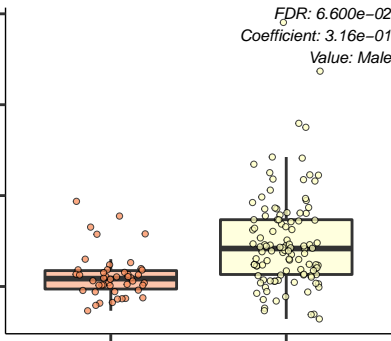
aminoadipate_162.1

FDR: 6.600e-02
Coefficient: 3.16e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Palmitic.acid_255.2

FDR: 6.889e-02

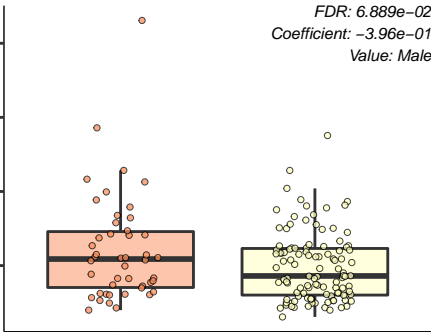
Coefficient: -3.96e-01

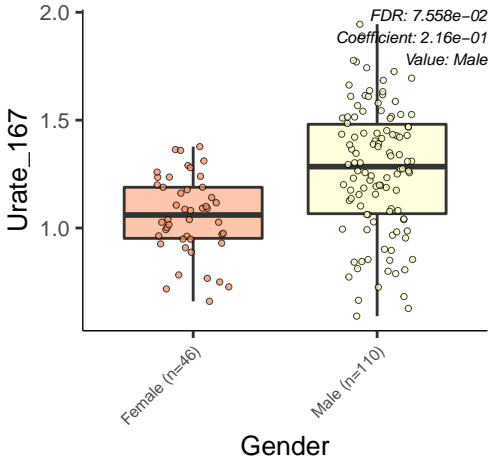
Value: Male

Female (n=46)

Male (n=110)

Gender





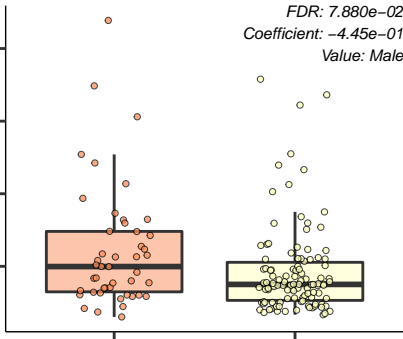
Dodecanoic.acid_199.2

FDR: 7.880e-02
Coefficient: -4.45e-01
Value: Male

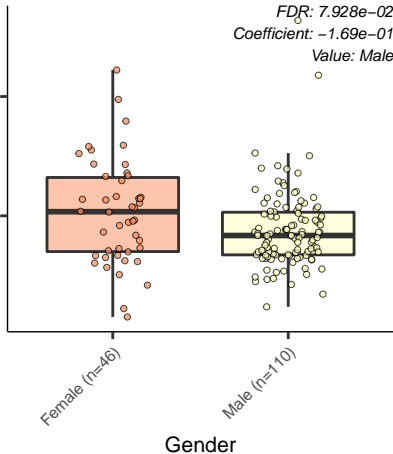
Female (n=46)

Male (n=110)

Gender



X1.Methyladenosine_282.1



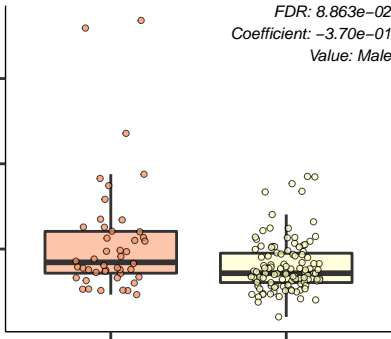
X9.Decenoic.acid_169.1

FDR: 8.863e-02
Coefficient: -3.70e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Creatinine_114.1

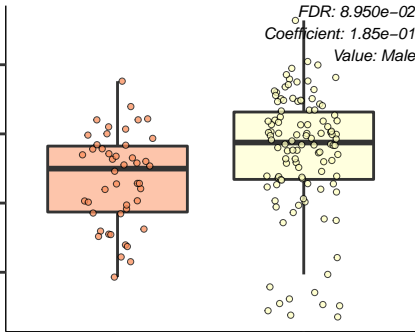
3.0
2.5
2.0
1.5

Female (n=46)

Male (n=110)

Gender

FDR: $8.950e-02$
Coefficient: $1.85e-01$
Value: Male



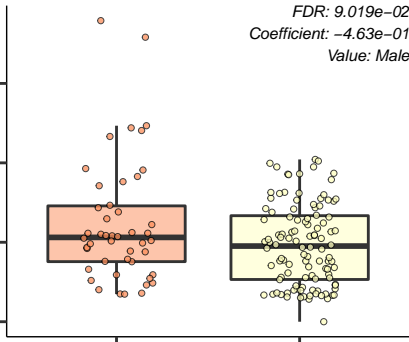
X5.Z..8.Z..11.Z..Eicosatrienoic.Acid_305.2

FDR: $9.019\text{e-}02$
Coefficient: $-4.63\text{e-}01$
Value: Male

Female (n=46)

Male (n=110)

Gender



X10.HAD_185.1

FDR: 9.726e-02

Coefficient: -5.29e-01

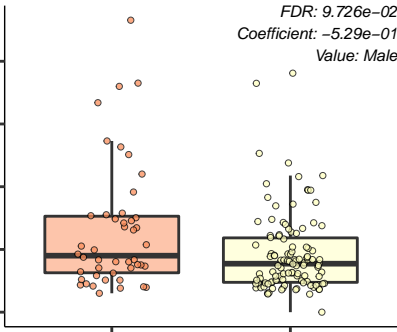
Value: Male

Female (n=46)

Male (n=110)

Gender

0.04
0.03
0.02
0.01
0.00



Ximeninic.Acid_277.2

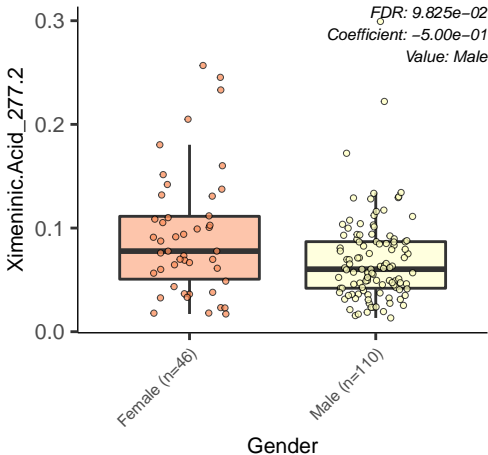
0.3
0.2
0.1
0.0

Female (n=46)

Male (n=110)

Gender

FDR: $9.825e-02$
Coefficient: $-5.00e-01$
Value: Male



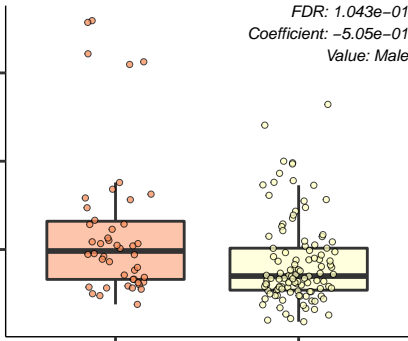
Docosahexaenoic.acid_327.2

FDR: 1.043e-01
Coefficient: -5.05e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Indole.3.Methyl.Acetate_190.1

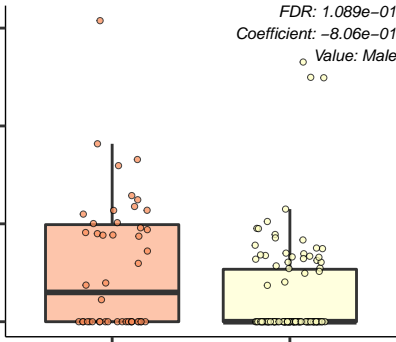
0.006
0.004
0.002
0.000

Female (n=46)

Male (n=110)

Gender

FDR: 1.089e-01
Coefficient: -8.06e-01
Value: Male



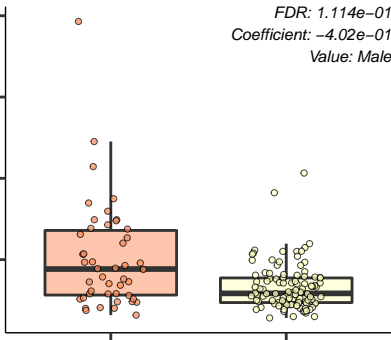
Homocysteine_136

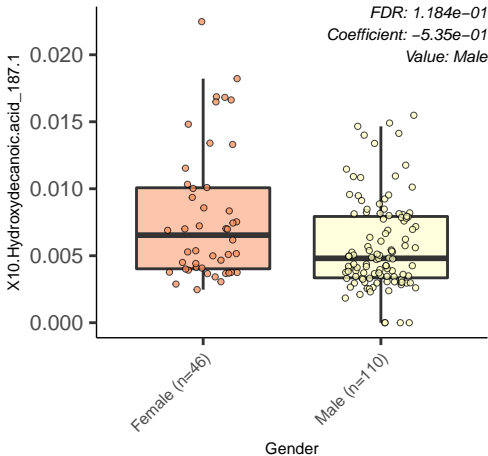
Female (n=46)

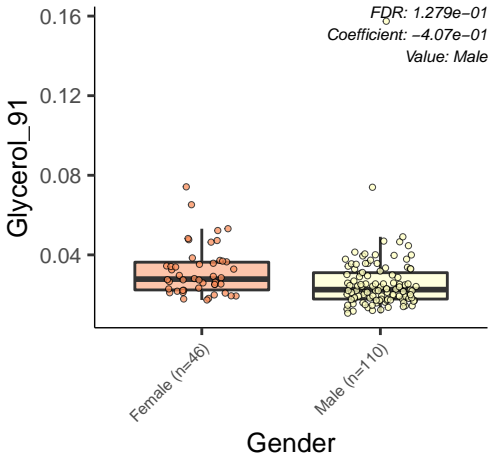
Male (n=110)

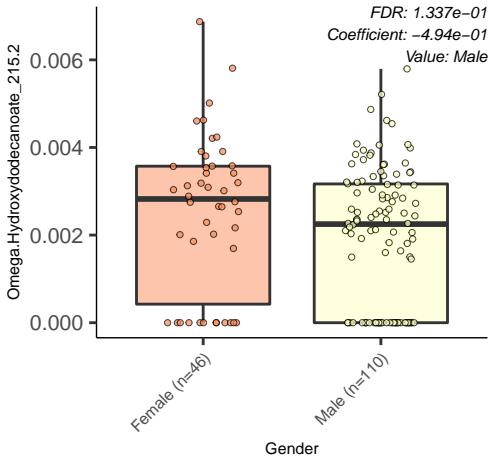
Gender

FDR: $1.114e-01$
Coefficient: $-4.02e-01$
Value: Male









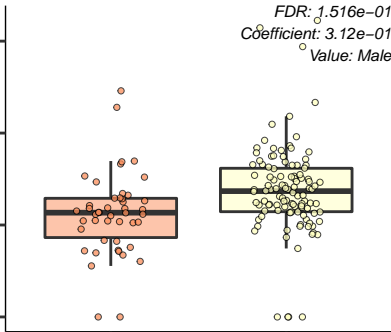
Normetanephrine_184.1

FDR: 1.516e-01
Coefficient: 3.12e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



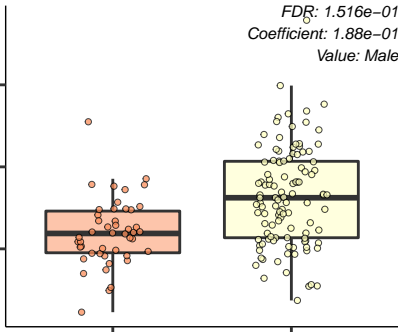
Tyrosine_182.1

FDR: 1.516e-01
Coefficient: 1.88e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



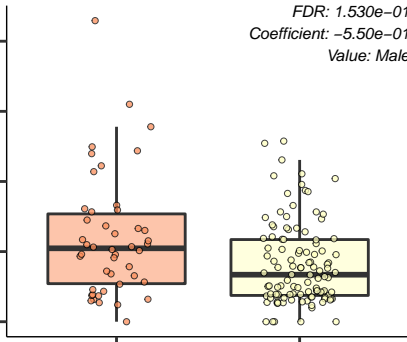
cis.5.Dodecenoic.acid_197.2

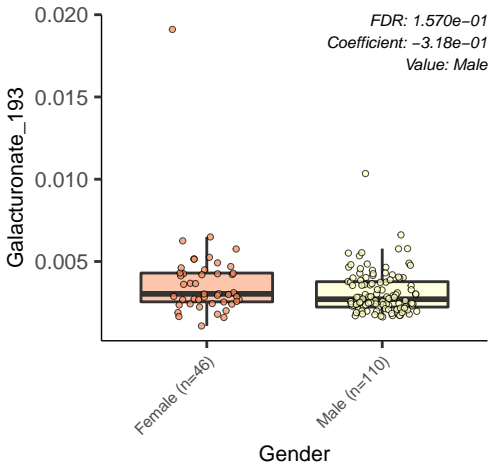
FDR: 1.530e-01
Coefficient: -5.50e-01
Value: Male

Female (n=46)

Male (n=110)

Gender





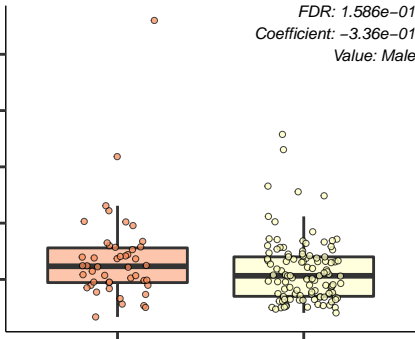
Myristic.acid_227.2

Female (n=46)

Male (n=110)

Gender

FDR: 1.586e-01
Coefficient: -3.36e-01
Value: Male



cis.10.Nonadecenoic.acid_295.3

FDR: 1.652e-01
Coefficient: -5.34e-01
Value: Male

0.010

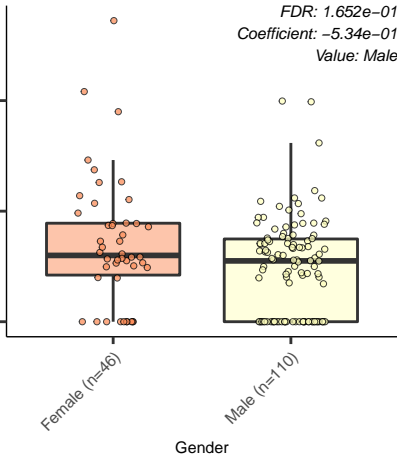
0.005

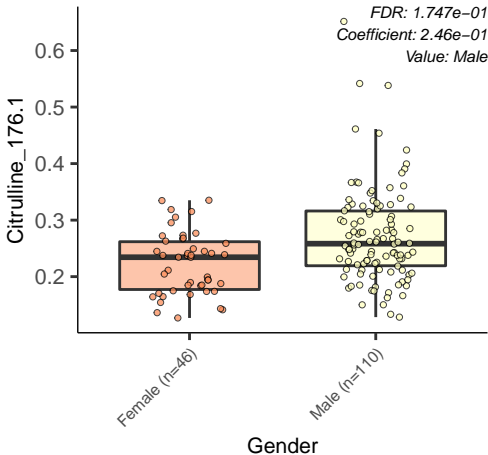
0.000

Female (n=46)

Male (n=110)

Gender





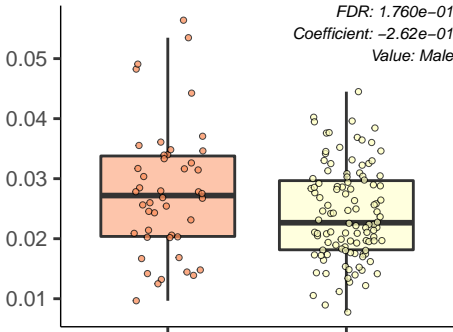
Xanthine_151

FDR: 1.760e-01
Coefficient: -2.62e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



Pentadecanoic.acid_241.2

FDR: 1.874e-01

Coefficient: -1.63e-01

Value: Male

0.08

0.06

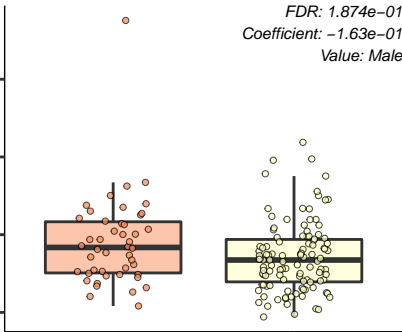
0.04

0.02

Female (n=46)

Male (n=110)

Gender



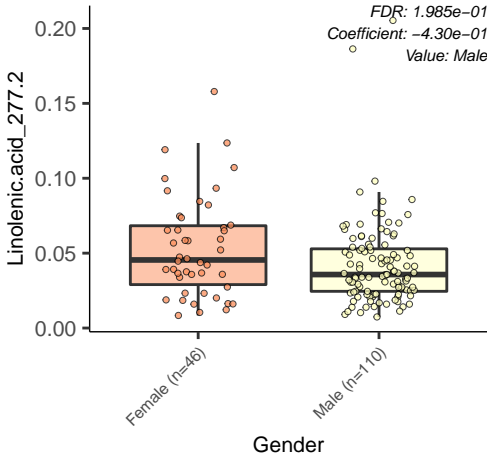
Linolenic.acid_277.2

FDR: $1.985e-01$
Coefficient: $-4.30e-01$
Value: Male

Female (n=46)

Male (n=110)

Gender



Glutaryl carnitine_276.1

FDR: 2.070e-01
Coefficient: 4.04e-01
Value: Male

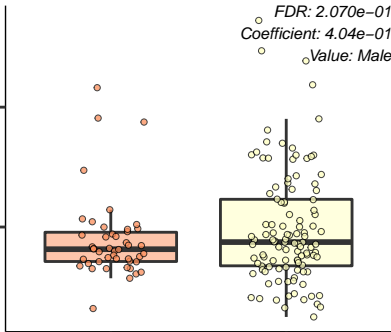
0.010

0.005

Female (n=46)

Male (n=110)

Gender



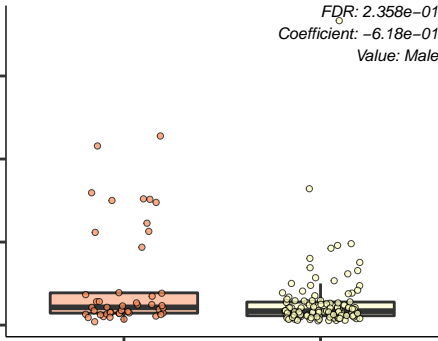
X3.hydroxybutyric.acid_103

FDR: 2.358e-01
Coefficient: -6.18e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



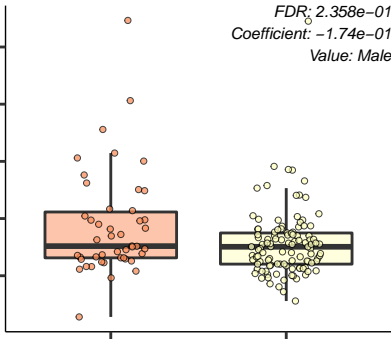
D.Mannosamine_180.1

FDR: 2.358e-01
Coefficient: -1.74e-01
Value: Male

Female (n=46)

Male (n=110)

Gender



N.Acetylputrescine_131.1

FDR: 2.358e-01

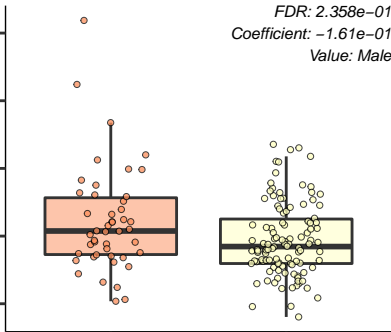
Coefficient: -1.61e-01

Value: Male

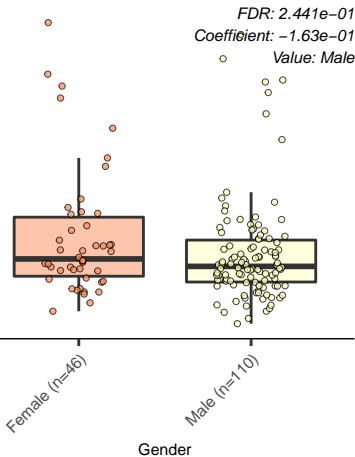
Female (n=46)

Male (n=110)

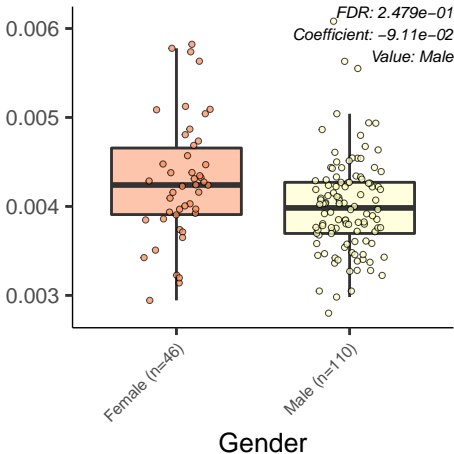
Gender



X2.Acetamido.2.Deoxy.Beta.D.Glucosylamine_221.



Nicotinate_124



Caffeine_195.1

FDR: 2.494e-01

Coefficient: -6.73e-01

Value: Male

0.075

0.050

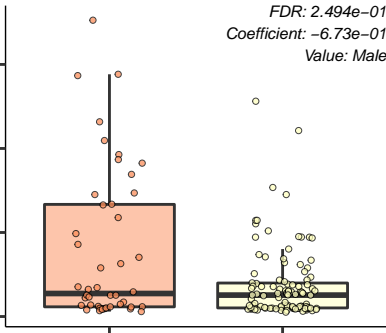
0.025

0.000

Female (n=46)

Male (n=110)

Gender



Salicylate_137

0.3
0.2
0.1
0.0

Female (n=46)

Male (n=110)

Gender

FDR: 2.494e-01
Coefficient: -6.83e-01
Value: Male

