

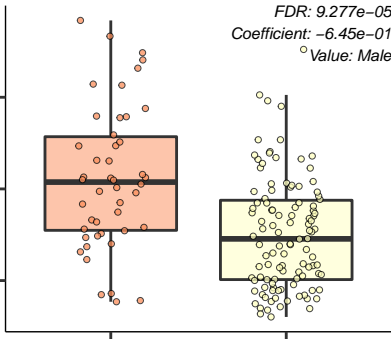
X3.Hydroxyoctanoic.acid

FDR:  $9.277e-05$   
Coefficient:  $-6.45e-01$   
Value: Male

Female (n=46)

Male (n=110)

Gender



Deoxycarnitine

*FDR: 3.642e-04*  
*Coefficient: 4.05e-01*  
*Value: Male*

0.20

0.15

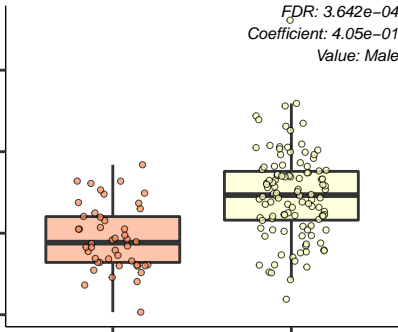
0.10

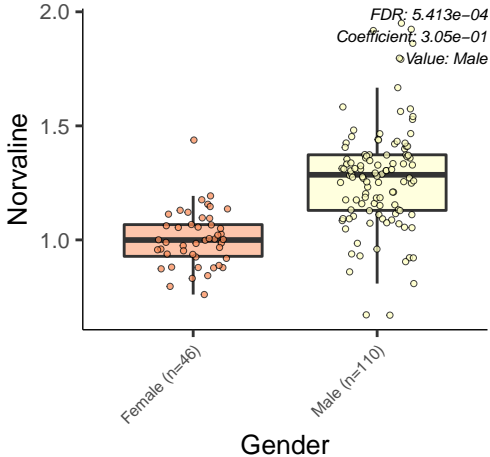
0.05

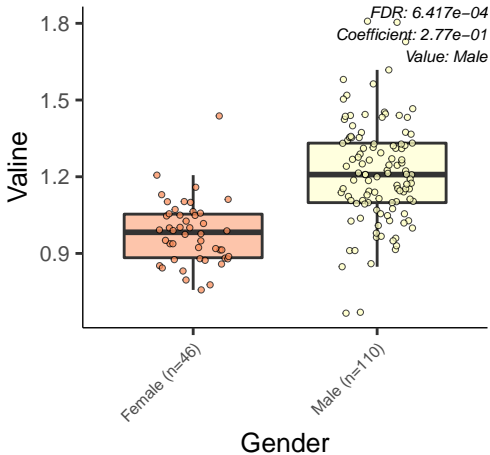
Female (n=46)

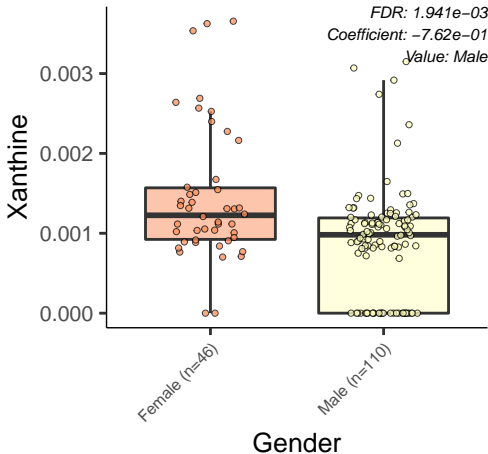
Male (n=110)

Gender









Guanidinoacetate

0.08

0.06

0.04

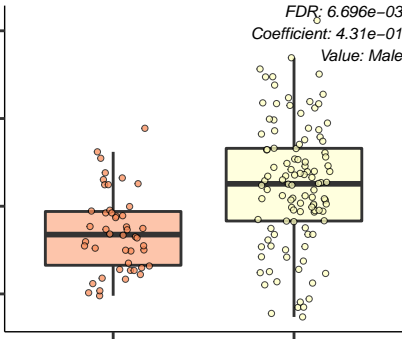
0.02

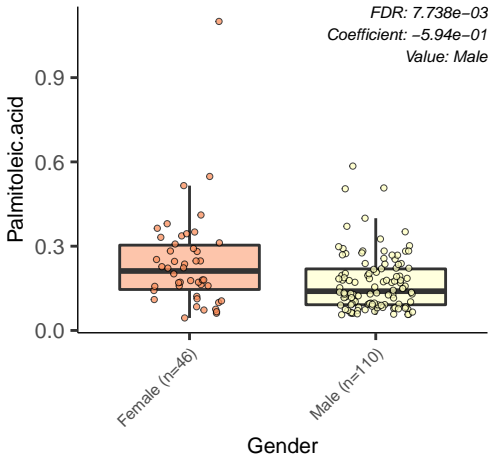
Female (n=46)

Male (n=110)

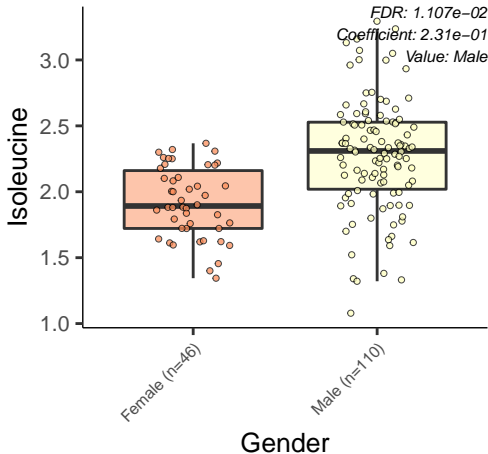
Gender

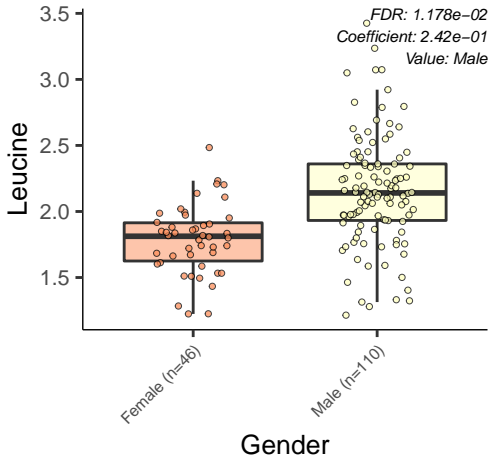
FDR:  $6.696 \times 10^{-3}$   
Coefficient:  $4.31 \times 10^{-1}$   
Value: Male











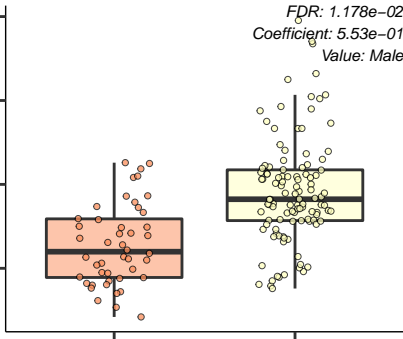
Propionyl.carnitine

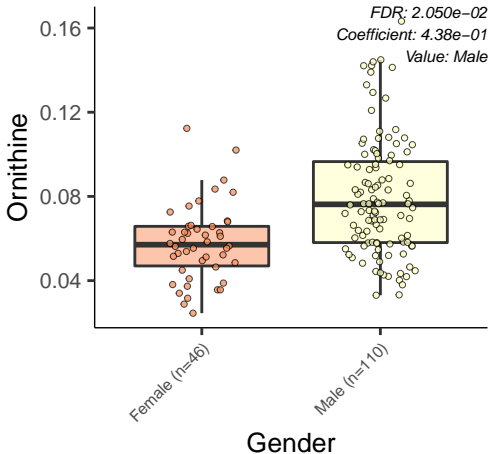
*FDR: 1.178e-02*  
*Coefficient: 5.53e-01*  
*Value: Male*

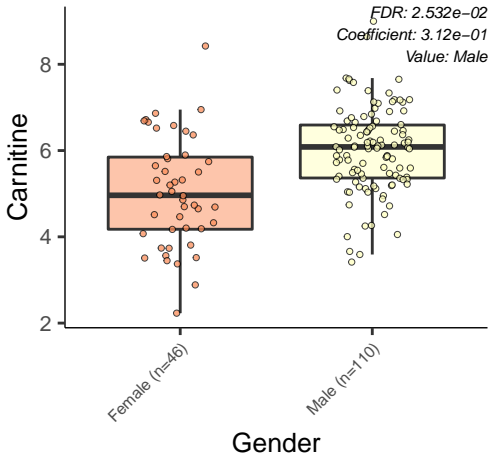
Female (n=46)

Male (n=110)

Gender







Trimethyllysine

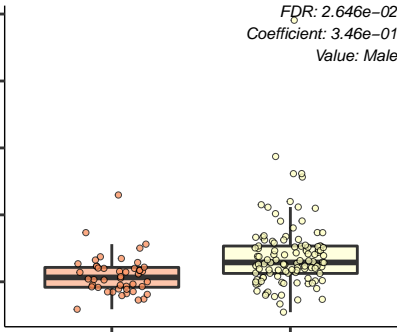
0.05  
0.04  
0.03  
0.02  
0.01

Female (n=46)

Male (n=110)

Gender

*FDR: 2.646e-02*  
*Coefficient: 3.46e-01*  
*Value: Male*



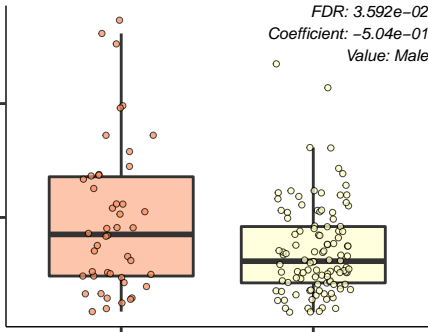
Linoleic.acid

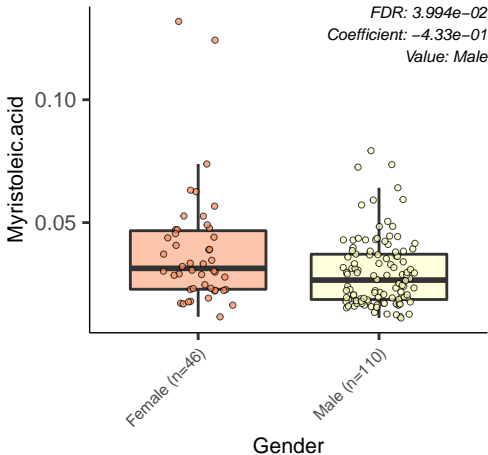
Female (n=46)

Male (n=110)

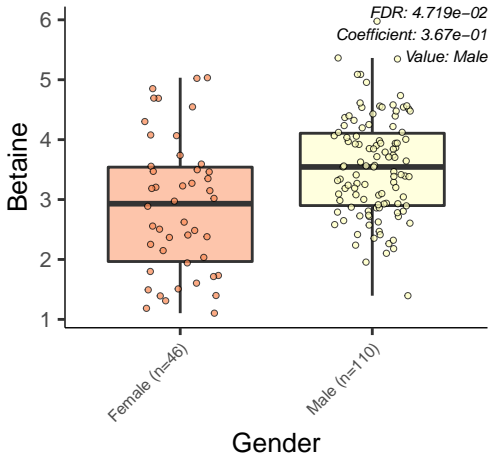
Gender

FDR:  $3.592e-02$   
Coefficient:  $-5.04e-01$   
Value: Male









Methyl.Galactoside

*FDR: 4.838e-02*

*Coefficient: -7.43e-01*

*Value: Male*

0.0075

0.0050

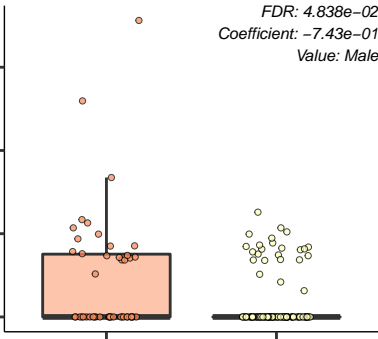
0.0025

0.0000

Female (n=46)

Male (n=110)

Gender



cis.11.Eicosenoic.acid

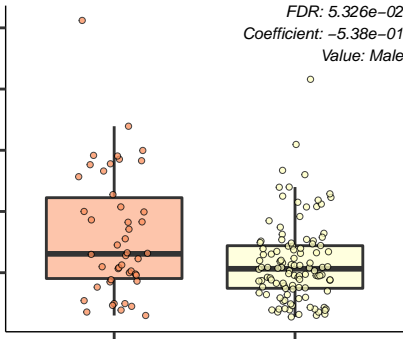
0.05  
0.04  
0.03  
0.02  
0.01

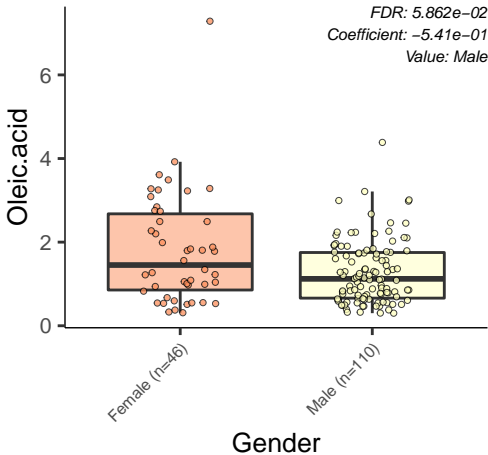
Female (n=46)

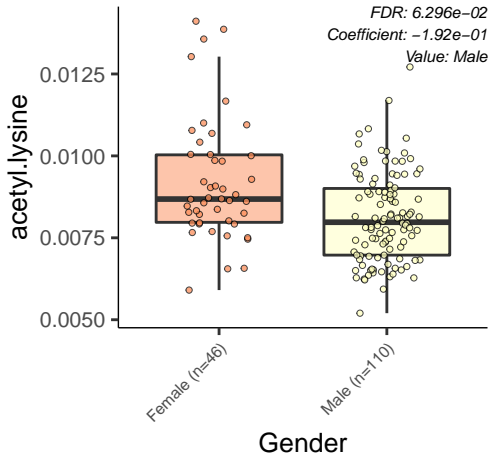
Male (n=110)

Gender

*FDR: 5.326e-02*  
*Coefficient: -5.38e-01*  
*Value: Male*







aminoadipate

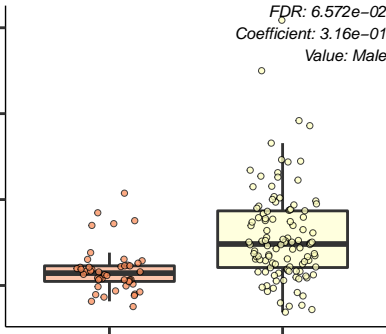
0.020  
0.015  
0.010  
0.005

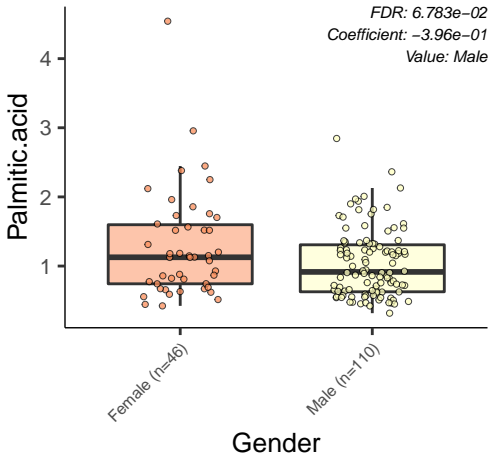
Female (n=46)

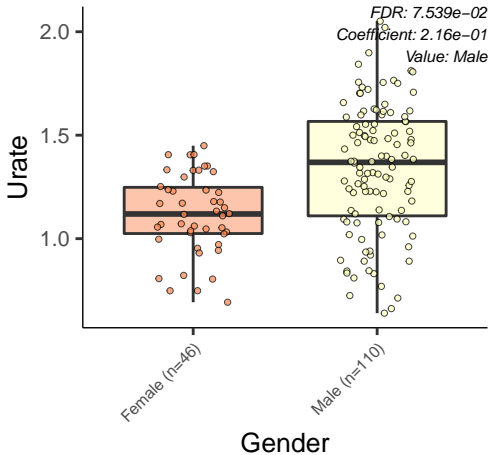
Male (n=110)

Gender

FDR:  $6.572e-02$   
Coefficient:  $3.16e-01$   
Value: Male









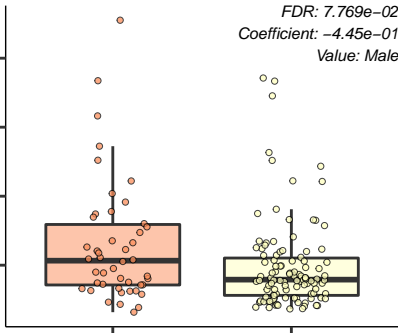
Dodecanoic.acid

Female (n=46)

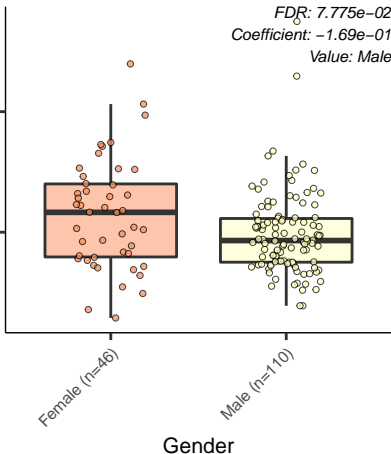
Male (n=110)

Gender

FDR:  $7.769e-02$   
Coefficient:  $-4.45e-01$   
Value: Male



X1.Methyladenosine



X9.Decenoic.acid

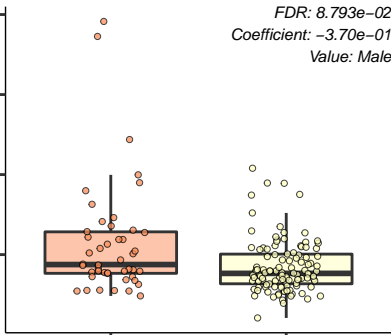
0.100  
0.075  
0.050  
0.025

Female (n=46)

Male (n=110)

Gender

*FDR: 8.793e-02*  
*Coefficient: -3.70e-01*  
*Value: Male*



X5.Z..8.Z..11.Z..Eicosatrienoic.Acid

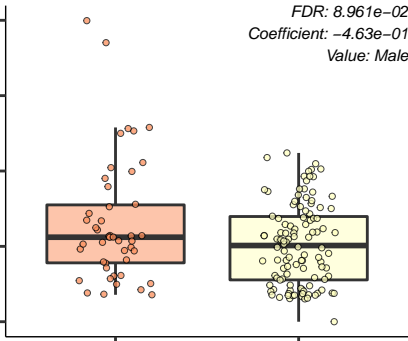
0.04  
0.03  
0.02  
0.01  
0.00

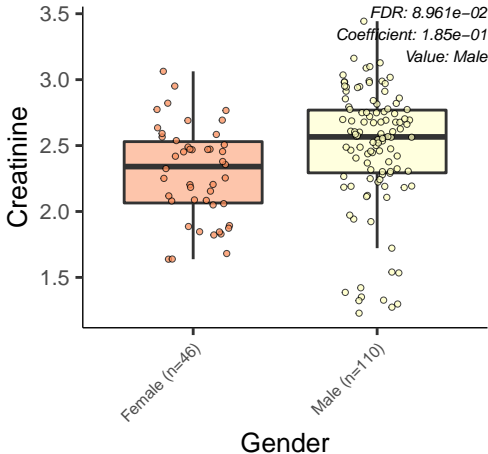
Female (n=46)

Male (n=110)

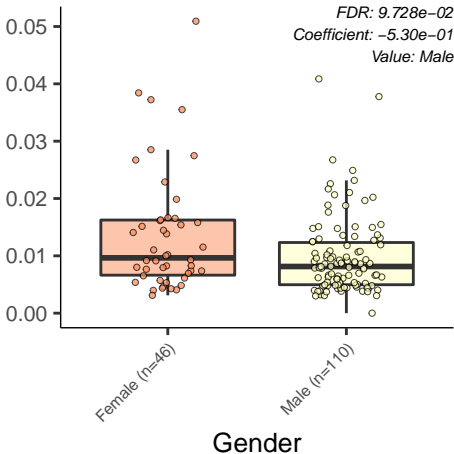
Gender

FDR:  $8.961e-02$   
Coefficient:  $-4.63e-01$   
Value: Male

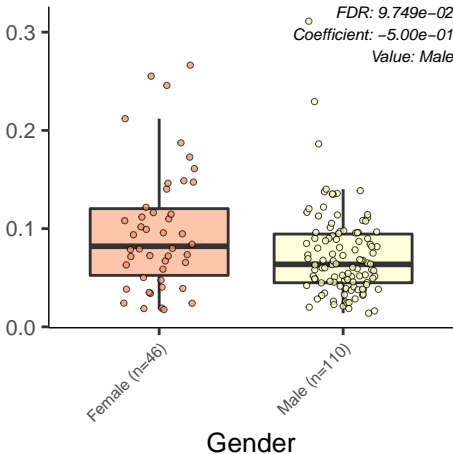




X10.HAD



Ximeninic.Acid



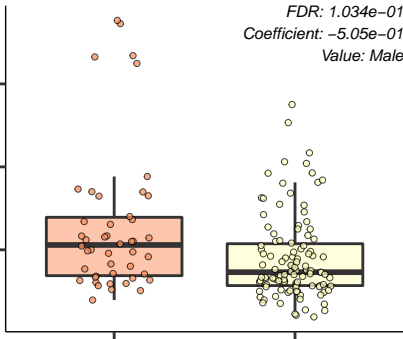
Docosahexaenoic.acid

*FDR: 1.034e-01*  
*Coefficient: -5.05e-01*  
*Value: Male*

Female (n=46)

Male (n=110)

Gender





Indole.3.Methyl.Acetate

0.006

0.004

0.002

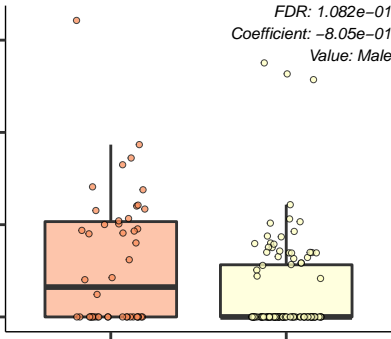
0.000

Female (n=46)

Male (n=110)

Gender

*FDR: 1.082e-01*  
*Coefficient: -8.05e-01*  
*Value: Male*



Homocysteine

0.100

0.075

0.050

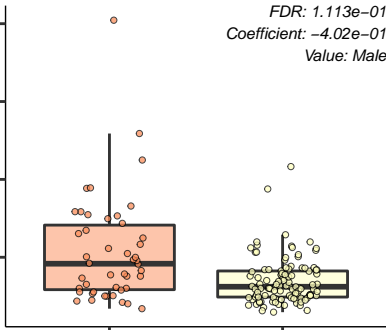
0.025

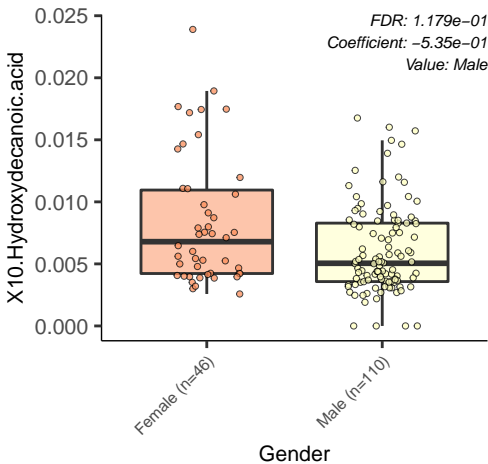
Female (n=46)

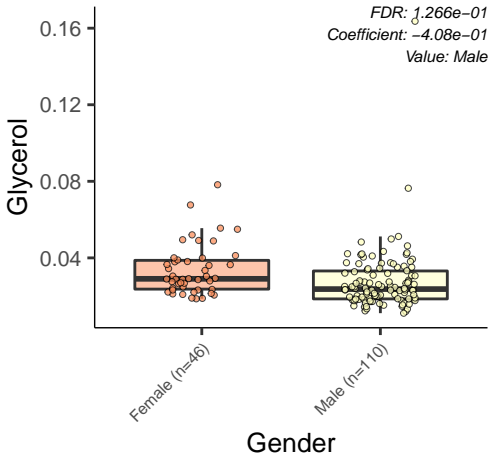
Male (n=110)

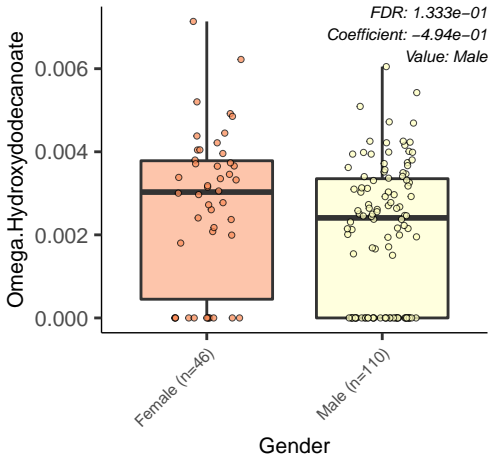
Gender

*FDR: 1.113e-01*  
*Coefficient: -4.02e-01*  
*Value: Male*









Normetanephrine

0.003

0.002

0.001

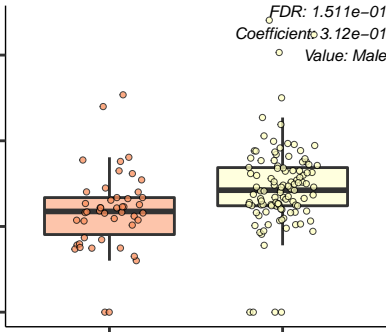
0.000

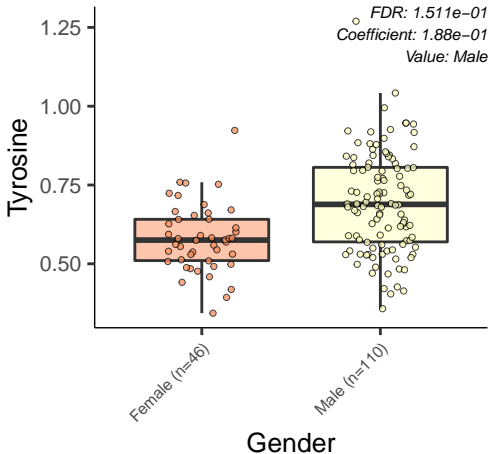
Female (n=46)

Male (n=110)

Gender

FDR: 1.511e-01  
Coefficient: 3.12e-01  
Value: Male





cis.5.Dodecenoic.acid

FDR: 1.514e-01

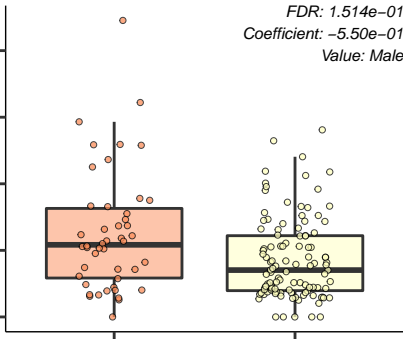
Coefficient: -5.50e-01

Value: Male

Female (n=46)

Male (n=110)

Gender





Galacturonate

0.020

0.015

0.010

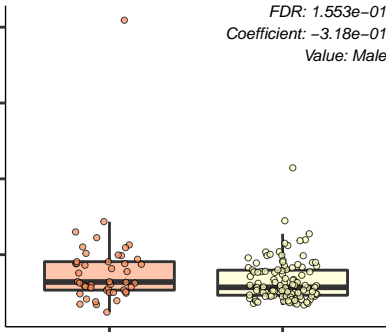
0.005

Female (n=46)

Male (n=110)

Gender

*FDR: 1.553e-01*  
*Coefficient: -3.18e-01*  
*Value: Male*



Myristic.acid

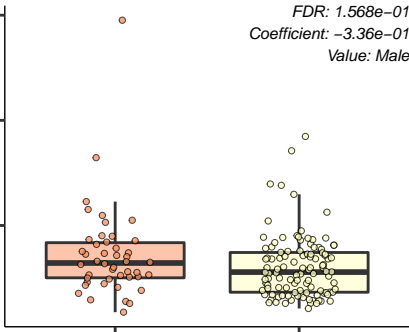
0.6  
0.4  
0.2

Female (n=46)

Male (n=110)

Gender

FDR: 1.568e-01  
Coefficient: -3.36e-01  
Value: Male



cis.10.Nonadecenoic.acid

0.015

0.010

0.005

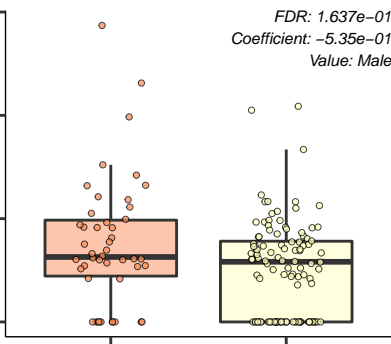
0.000

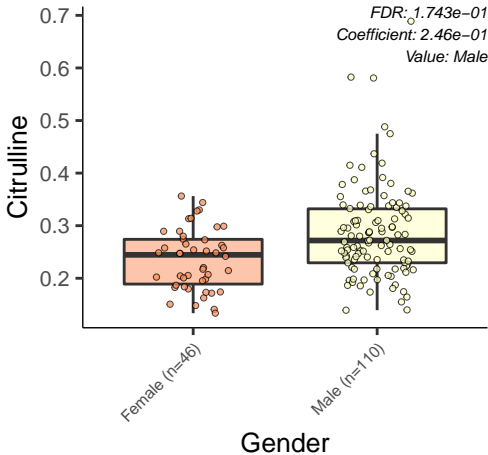
Female (n=46)

Male (n=110)

Gender

*FDR: 1.637e-01*  
*Coefficient: -5.35e-01*  
*Value: Male*





Pentadecanoic.acid

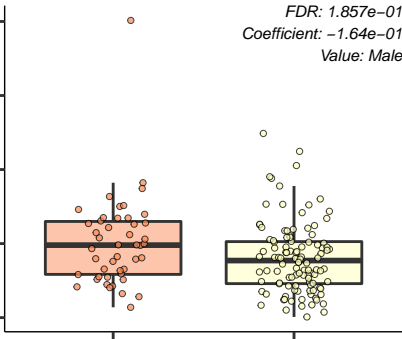
0.10  
0.08  
0.06  
0.04  
0.02

Female (n=46)

Male (n=110)

Gender

FDR: 1.857e-01  
Coefficient: -1.64e-01  
Value: Male



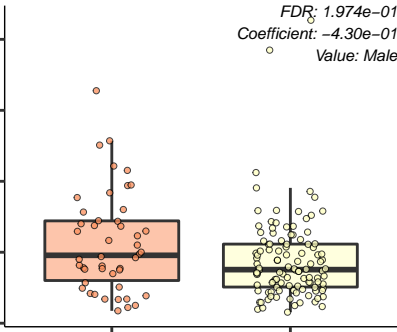
Linolenic.acid

*FDR: 1.974e-01*  
*Coefficient: -4.30e-01*  
*Value: Male*

Female (n=46)

Male (n=110)

Gender



Glutaryl/carnitine

*FDR: 2.060e-01*  
*Coefficient: 4.04e-01*  
*Value: Male*

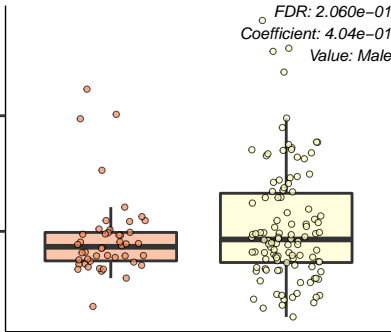
0.010

0.005

Female (n=46)

Male (n=110)

Gender



D.Mannosamine

*FDR: 2.356e-01*  
*Coefficient: -1.75e-01*  
*Value: Male*

Female (n=46)

Male (n=110)

Gender

0.030

0.025

0.020

0.015

0.010



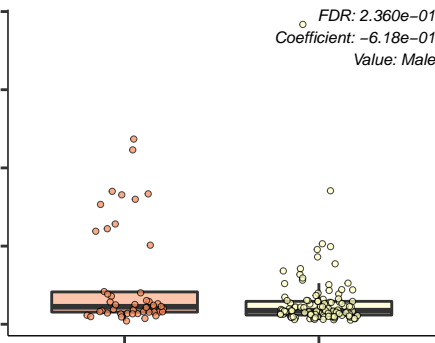
X3.hydroxybutyric.acid

FDR: 2.360e-01  
Coefficient: -6.18e-01  
Value: Male

Female (n=46)

Male (n=110)

Gender



N.Acetylputrescine

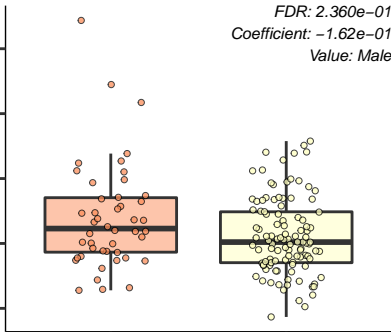
0.006  
0.005  
0.004  
0.003  
0.002

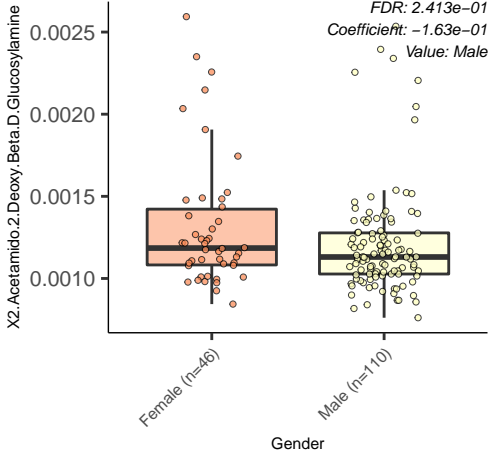
Female (n=46)

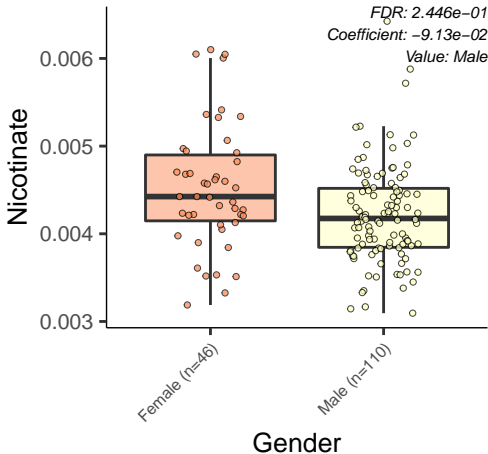
Male (n=110)

Gender

*FDR: 2.360e-01*  
*Coefficient: -1.62e-01*  
*Value: Male*







Caffeine

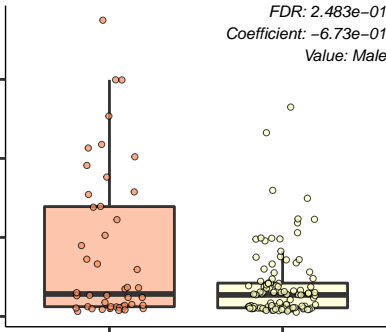
0.075  
0.050  
0.025  
0.000

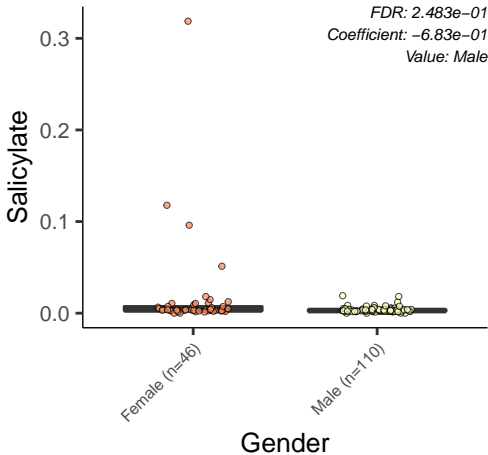
Female (n=46)

Male (n=110)

Gender

*FDR: 2.483e-01*  
*Coefficient: -6.73e-01*  
*Value: Male*





X4.Guanidinobutanoate

*FDR: 2.494e-01*  
*Coefficient: 4.06e-01*  
*Value: Male*

Female (n=46)

Male (n=110)

Gender

