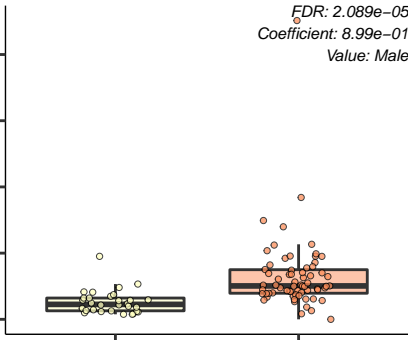


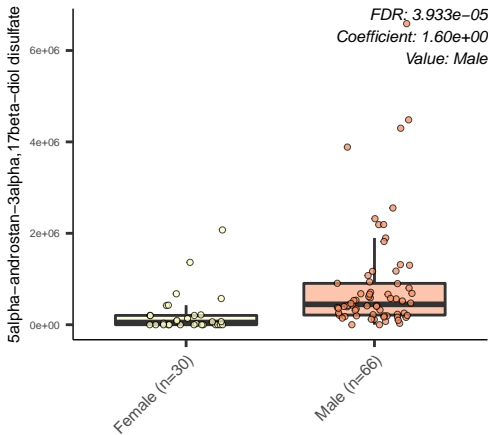
N-acetylcarnosine

FDR: 2.089e-05
Coefficient: 8.99e-01
Value: Male

Female (n=30)

Male (n=66)



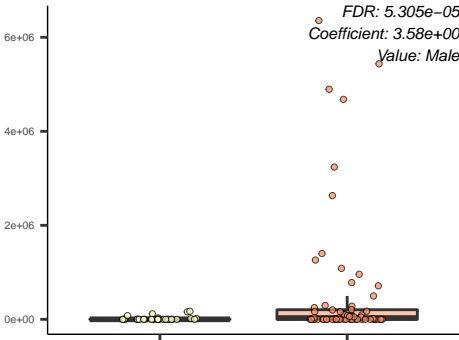


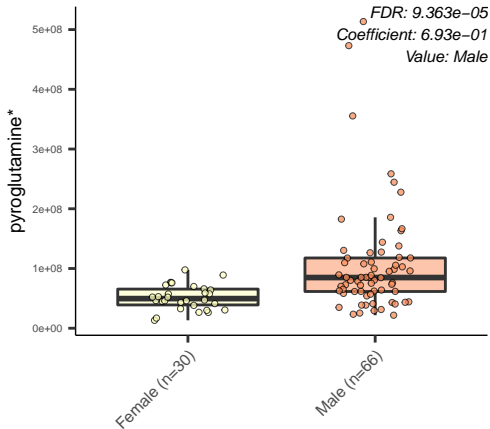
4-vinylcatechol sulfate

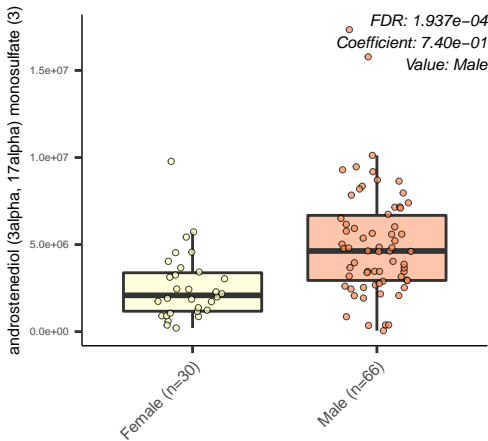
FDR: 5.305e-05
Coefficient: 3.58e+00
Value: Male

Female (n=30)

Male (n=66)







2S,3R-dihydroxybutyrate

FDR: 3.513e-04
Coefficient: 5.68e-01
Value: Male

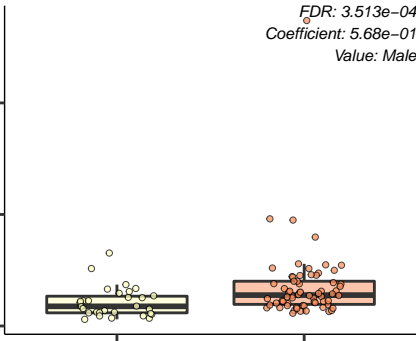
2e+08

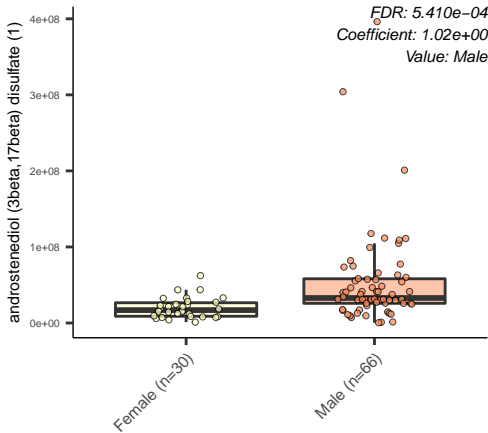
1e+08

0e+00

Female (n=30)

Male (n=66)





creatinine

FDR: 9.263e-04
Coefficient: 2.62e-01
Value: Male

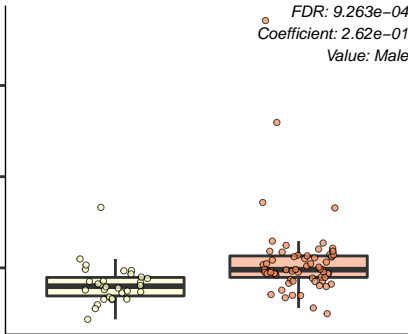
1.5e+09

1.0e+09

5.0e+08

Female (n=30)

Male (n=66)



androstenediol (3beta,17beta) disulfate (2)

FDR: 1.028e-03
Coefficient: 4.81e-01
Value: Male

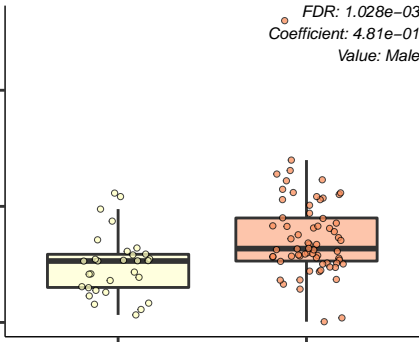
2e+07

1e+07

0e+00

Female (n=30)

Male (n=66)



5alpha-pregnan-3beta,20alpha-diol monosulfate (2

FDR: 1.560e-03
Coefficient: -1.05e+00
Value: Male

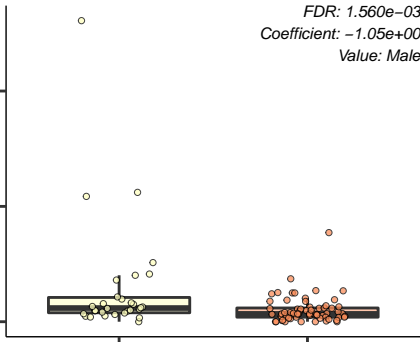
1e+07

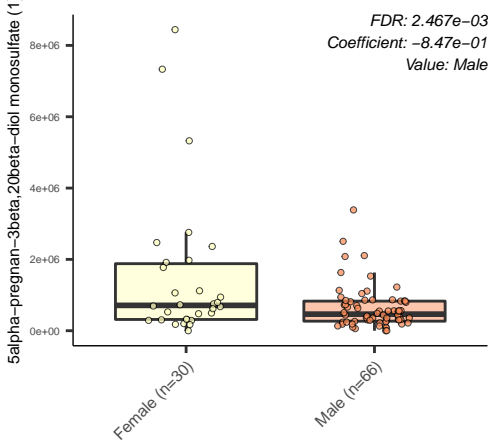
5e+06

0e+00

Female (n=30)

Male (n=66)





5alpha-pregnan-3beta,20alpha-diol disulfate

FDR: 4.134e-03
Coefficient: -7.49e-01
Value: Male

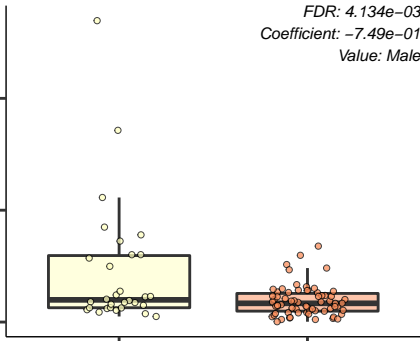
2e+07

1e+07

0e+00

Female (n=30)

Male (n=66)



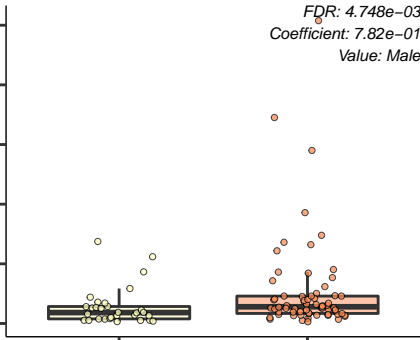
glycochenodeoxycholate 3-sulfate

FDR: 4.748e-03
Coefficient: 7.82e-01
Value: Male

5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

Female (n=30)

Male (n=66)



pregnen-diol disulfate*

FDR: 4.960e-03
Coefficient: 4.74e-01
Value: Male

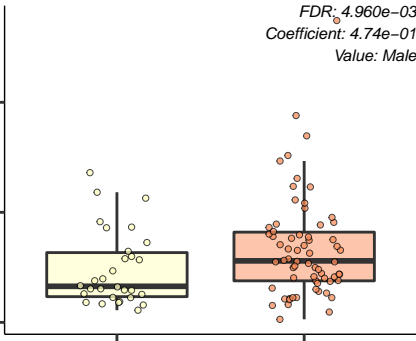
1e+08

5e+07

0e+00

Female (n=30)

Male (n=66)



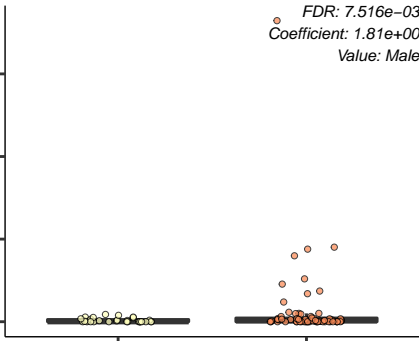
3-methyl catechol sulfate (1)

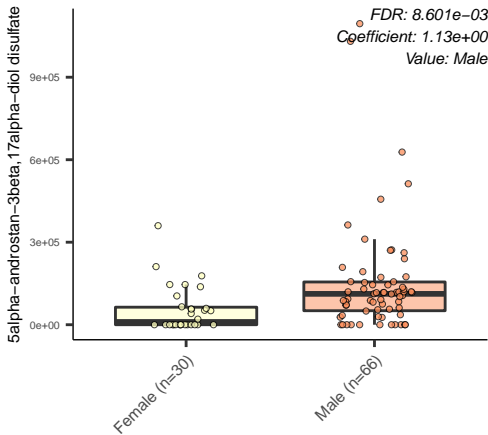
FDR: 7.516e-03
Coefficient: 1.81e+00
Value: Male

9e+06
6e+06
3e+06
0e+00

Female (n=30)

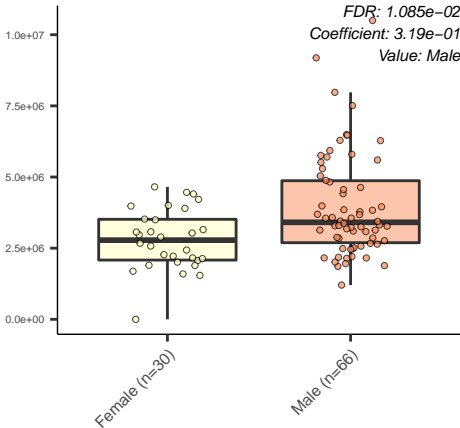
Male (n=66)





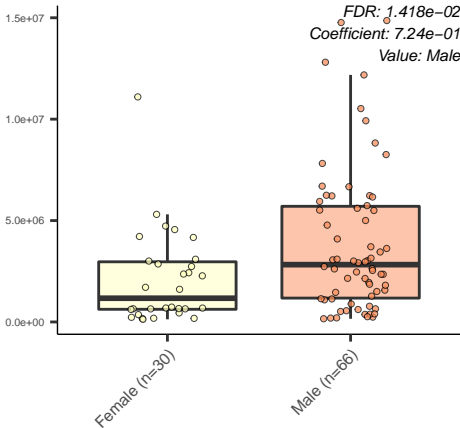
cholesterol sulfate

FDR: 1.085e-02
Coefficient: 3.19e-01
Value: Male



4-vinylphenol sulfate

FDR: 1.418e-02
Coefficient: 7.24e-01
Value: Male

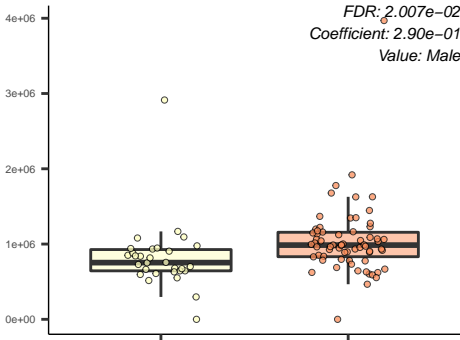


5-methylthioribose

FDR: 2.007e-02
Coefficient: 2.90e-01
Value: Male

Female (n=30)

Male (n=66)



3-(4-hydroxyphenyl)lactate (HPLA)

FDR: 2.285e-02
Coefficient: 2.90e-01
Value: Male

7.5e+07

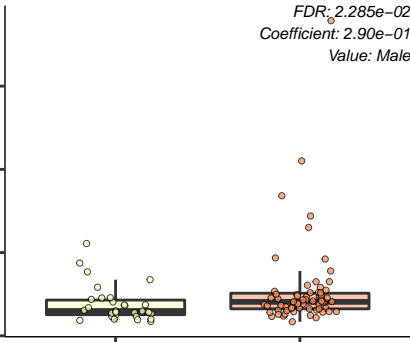
5.0e+07

2.5e+07

0.0e+00

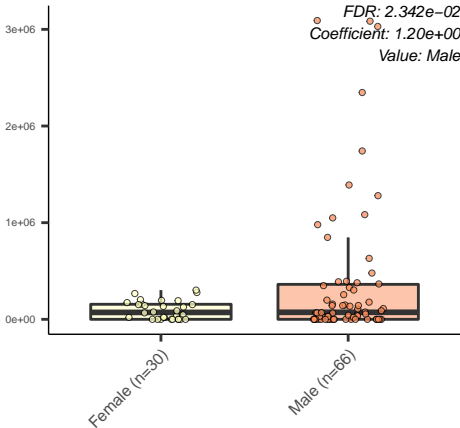
Female (n=30)

Male (n=66)



4-allylcatechol sulfate

FDR: 2.342e-02
Coefficient: 1.20e+00
Value: Male



pregnanolone/allopregnanolone sulfate

FDR: 2.402e-02
Coefficient: -1.00e+00
Value: Male

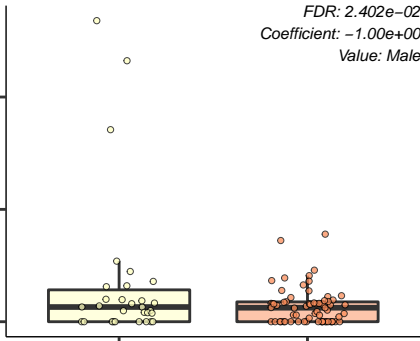
2e+06

1e+06

0e+00

Female (n=30)

Male (n=66)



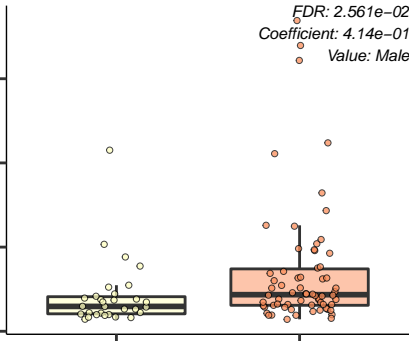
alpha-hydroxyisovalerate

FDR: 2.561e-02
Coefficient: 4.14e-01
Value: Male

Female (n=30)

Male (n=66)

1.5e+08
1.0e+08
5.0e+07
0.0e+00



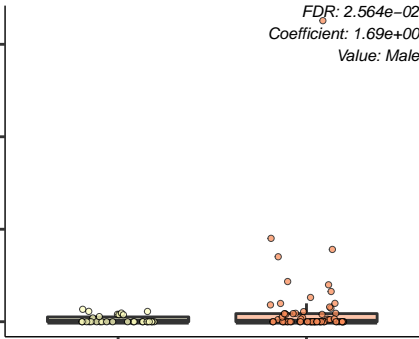
(2,4 or 2,5)-dimethylphenol sulfate

FDR: 2.564e-02
Coefficient: 1.69e+00
Value: Male

3e+06
2e+06
1e+06
0e+00

Female (n=30)

Male (n=66)



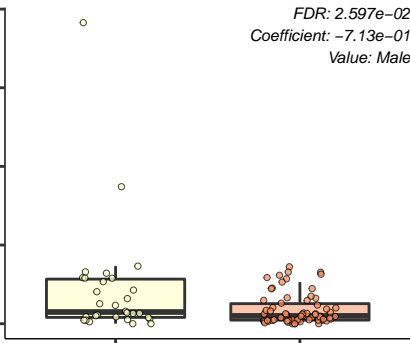
5alpha-pregnan-diol disulfate

1.0e+07
7.5e+06
5.0e+06
2.5e+06
0.0e+00

Female (n=30)

Male (n=66)

FDR: 2.597e-02
Coefficient: -7.13e-01
Value: Male

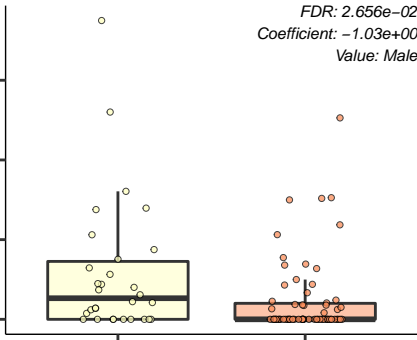


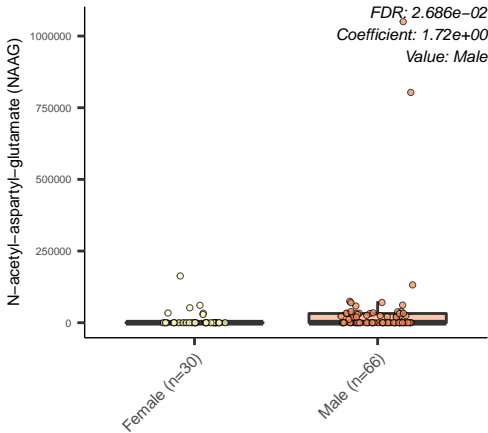
glyco-beta-muricholate

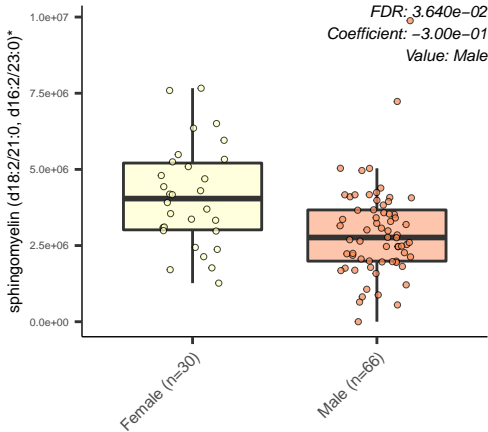
FDR: 2.656e-02
Coefficient: -1.03e+00
Value: Male

Female (n=30)

Male (n=66)





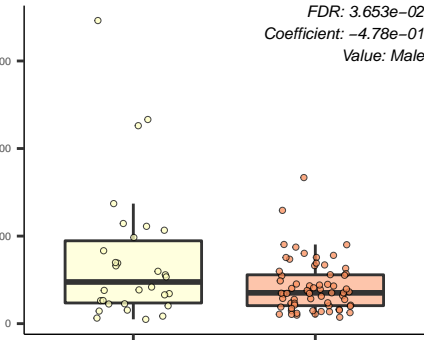


homostachydrine*

FDR: 3.653e-02
Coefficient: -4.78e-01
Value: Male

Female (n=30)

Male (n=66)



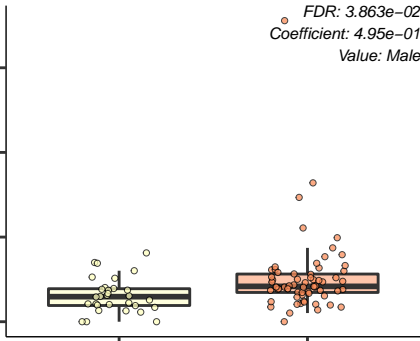
2,3-dihydroxy-2-methylbutyrate

FDR: 3.863e-02
Coefficient: 4.95e-01
Value: Male

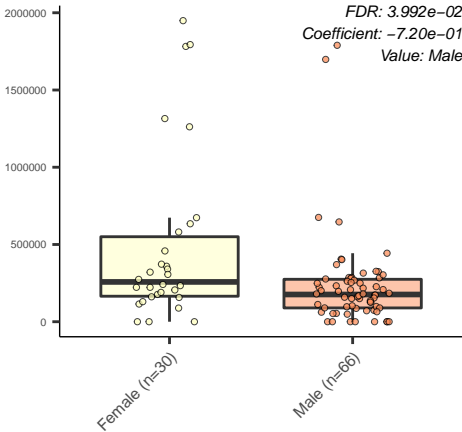
3e+06
2e+06
1e+06
0e+00

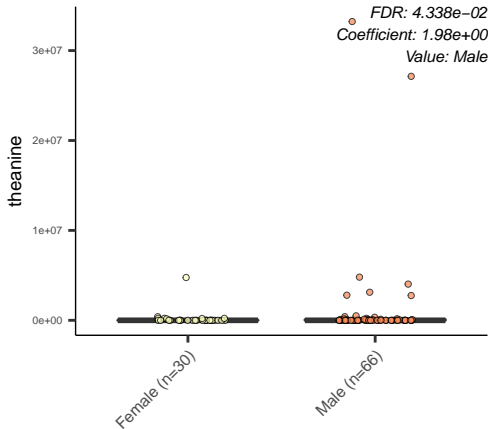
Female (n=30)

Male (n=66)



pregnenediol-3-glucuronide





leukotriene B4

FDR: 4.995e-02
Coefficient: 4.69e-01
Value: Male

3e+06

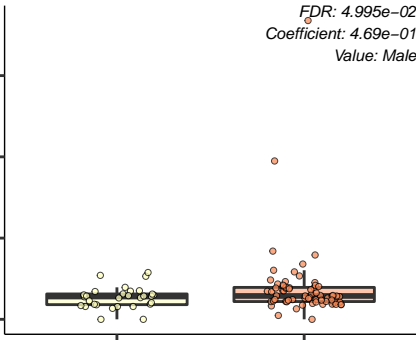
2e+06

1e+06

0e+00

Female (n=30)

Male (n=66)



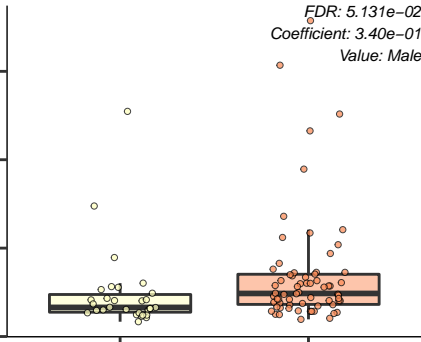
2-hydroxy-3-methylvalerate

FDR: 5.131e-02
Coefficient: 3.40e-01
Value: Male

9e+06
6e+06
3e+06
0e+00

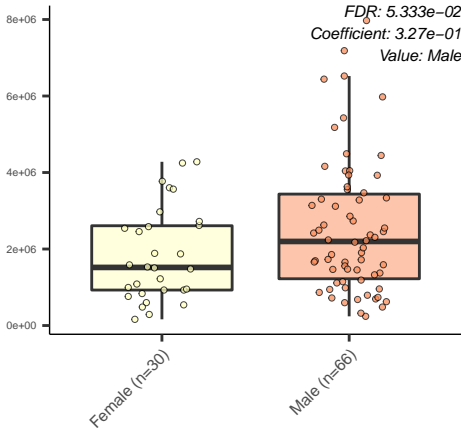
Female (n=30)

Male (n=66)



retinol (Vitamin A)

FDR: 5.333e-02
Coefficient: 3.27e-01
Value: Male



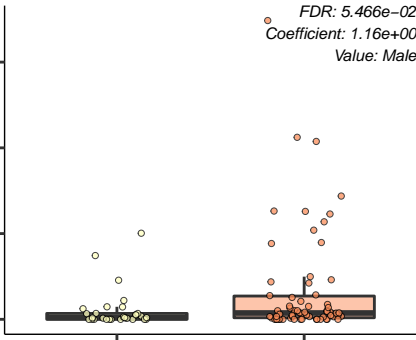
3-hydroxypyridine sulfate

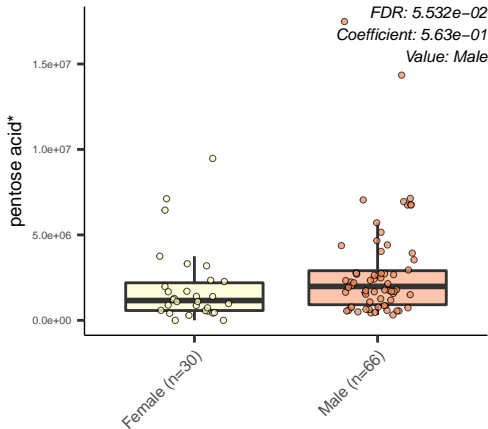
FDR: 5.466e-02
Coefficient: 1.16e+00
Value: Male

6e+06
4e+06
2e+06
0e+00

Female (n=30)

Male (n=66)



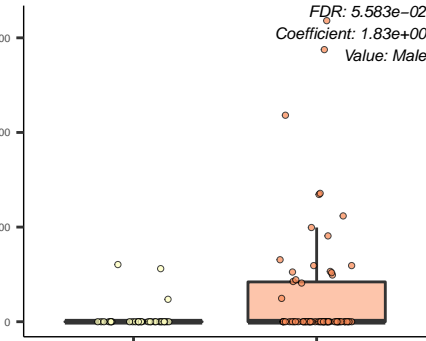


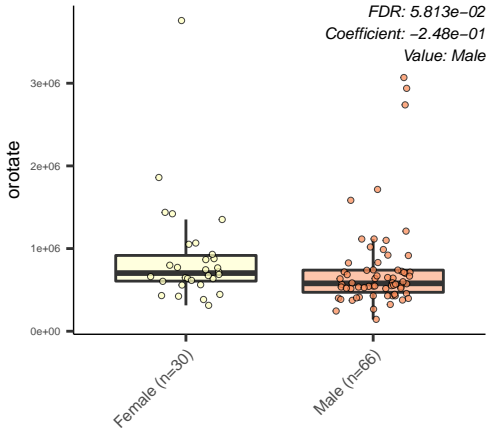
3-hydroxy-2-methylpyridine sulfate

FDR: 5.583e-02
Coefficient: 1.83e+00
Value: Male

Female (n=30)

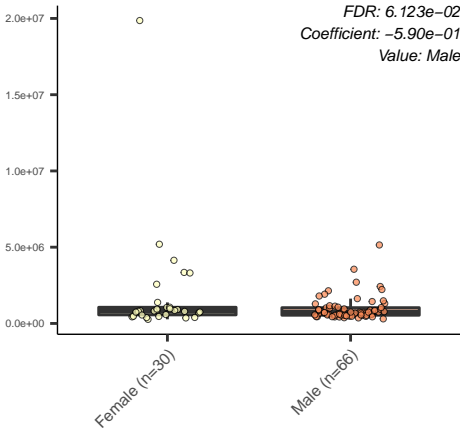
Male (n=66)





phytate

FDR: 6.123e-02
Coefficient: -5.90e-01
Value: Male



cinnamoylglycine

FDR: 6.162e-02
Coefficient: -1.02e+00
Value: Male

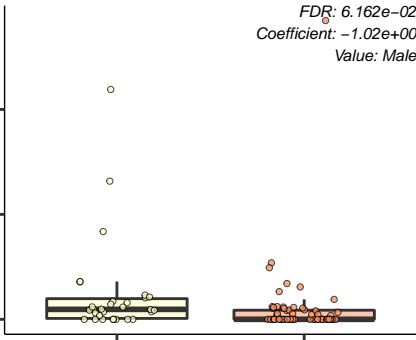
1e+06

5e+05

0e+00

Female (n=30)

Male (n=66)



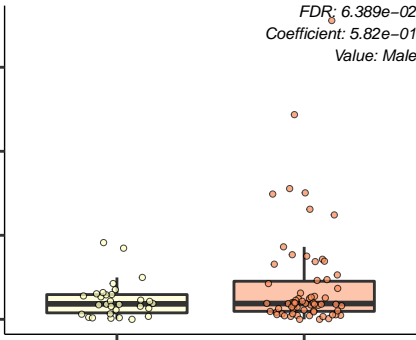
DSGEGDFAEGGV*

FDR: 6.389e-02
Coefficient: 5.82e-01
Value: Male

9e+06
6e+06
3e+06
0e+00

Female (n=30)

Male (n=66)



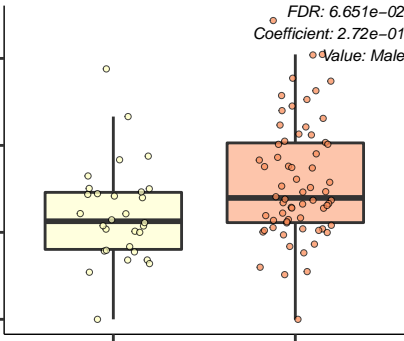
gamma-glutamylalanine

FDR: 6.651e-02
Coefficient: 2.72e-01
Value: Male

7500000
5000000
2500000
0

Female (n=30)

Male (n=66)



metabolonic lactone sulfate

FDR: 6.657e-02
Coefficient: 3.84e-01
Value: Male

4e+06

3e+06

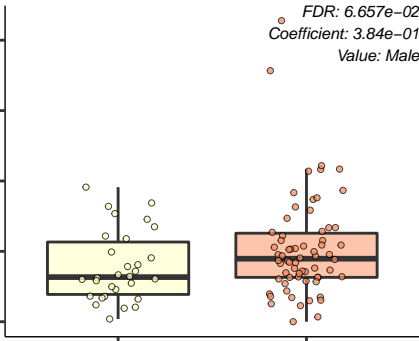
2e+06

1e+06

0e+00

Female (n=30)

Male (n=66)

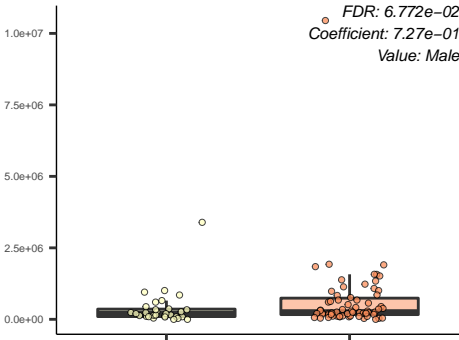


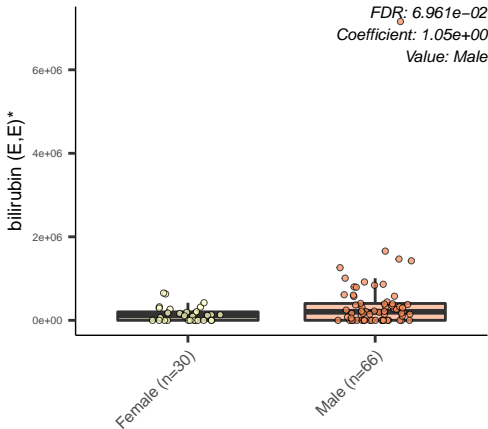
4-methoxyphenol sulfate

FDR: 6.772e-02
Coefficient: 7.27e-01
Value: Male

Female (n=30)

Male (n=66)





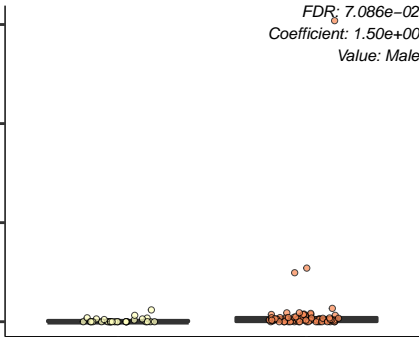
1-methyl-5-imidazolelactate

6e+06
4e+06
2e+06
0e+00

Female (n=30)

Male (n=66)

FDR: 7.086e-02
Coefficient: 1.50e+00
Value: Male



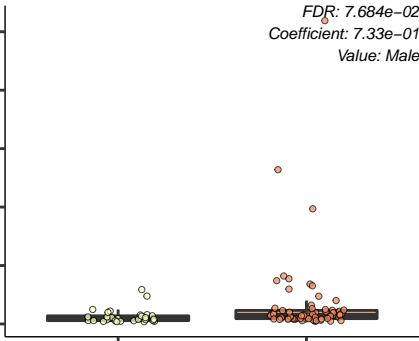
1-methyl-5-imidazoleacetate

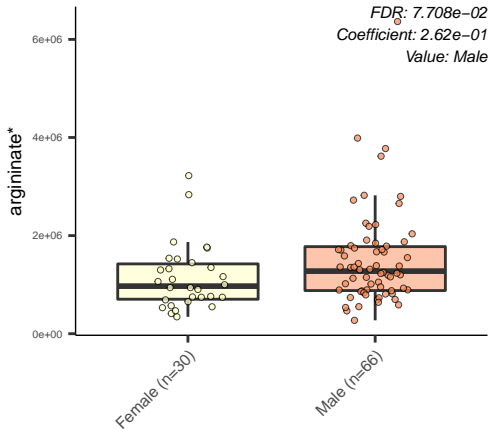
FDR: 7.684e-02
Coefficient: 7.33e-01
Value: Male

5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

Female (n=30)

Male (n=66)





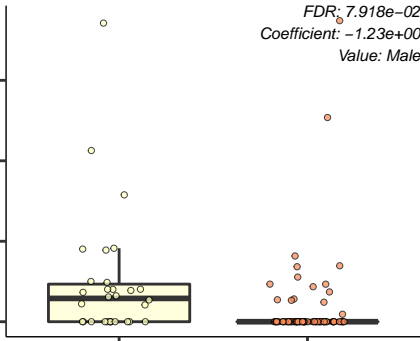
isoursoeoxcholate sulfate (2)

FDR: $7.918e-02$
Coefficient: $-1.23e+00$
Value: Male

6e+05
4e+05
2e+05
0e+00

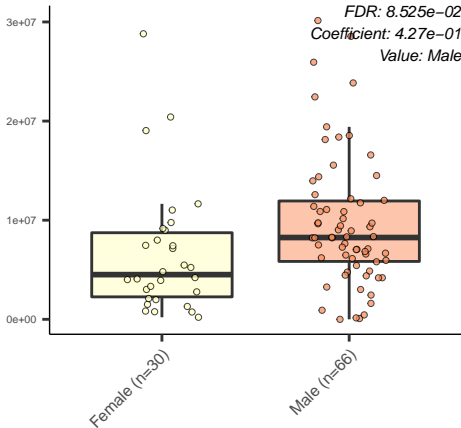
Female (n=30)

Male (n=66)



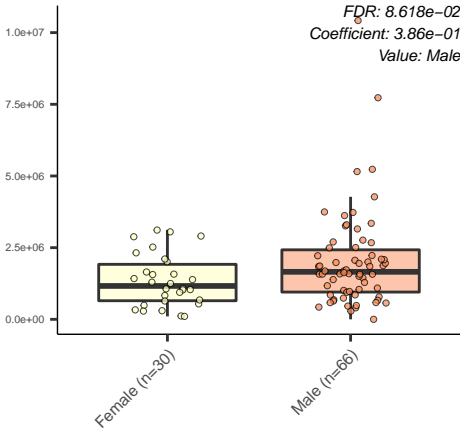
epiandrosterone sulfate

FDR: 8.525e-02
Coefficient: 4.27e-01
Value: Male



pregnenolone sulfate

FDR: 8.618e-02
Coefficient: 3.86e-01
Value: Male



isoursoeoxcholate sulfate (1)

FDR: 8.776e-02
Coefficient: 7.68e-01
Value: Male

3e+06

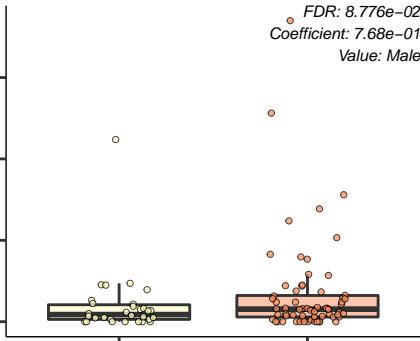
2e+06

1e+06

0e+00

Female (n=30)

Male (n=66)



glutamine

1.2e+09

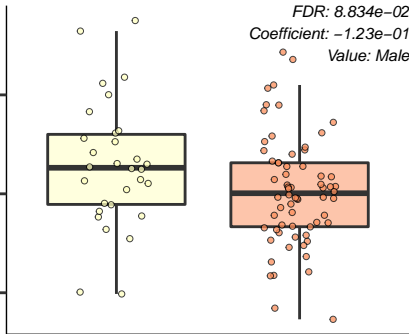
8.0e+08

4.0e+08

Female (n=30)

Male (n=66)

FDR: $8.834e-02$
Coefficient: $-1.23e-01$
Value: Male



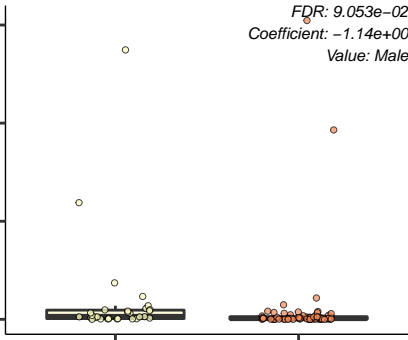
indolepropionate

FDR: 9.053e-02
Coefficient: -1.14e+00
Value: Male

Female (n=30)

Male (n=66)

1.5e+08
1.0e+08
5.0e+07
0.0e+00

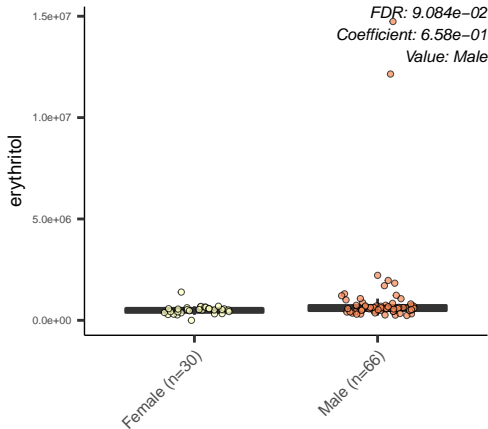


Value: Male



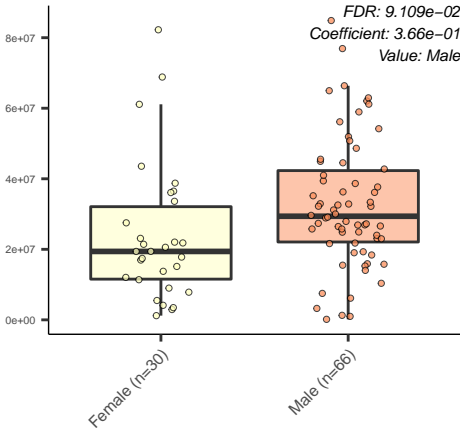
Female (n=30)

Male (n=66)



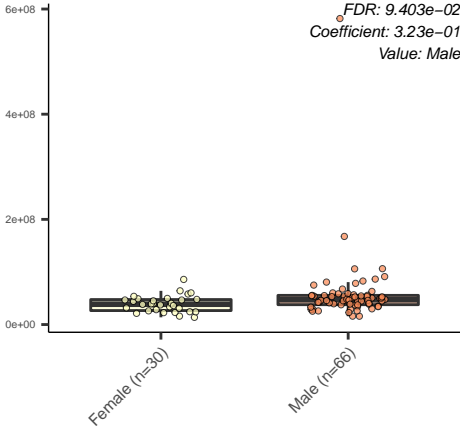
androstosterone sulfate

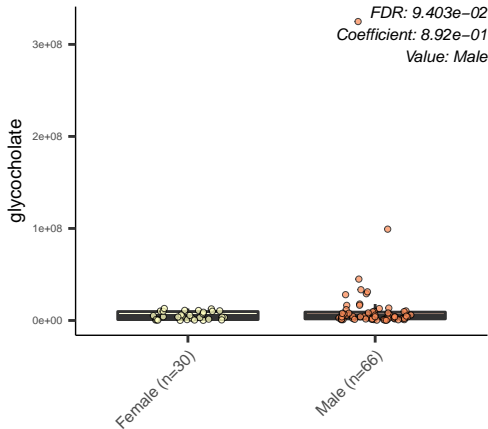
FDR: 9.109e-02
Coefficient: 3.66e-01
Value: Male



1-methylhistidine

FDR: 9.403e-02
Coefficient: 3.23e-01
Value: Male





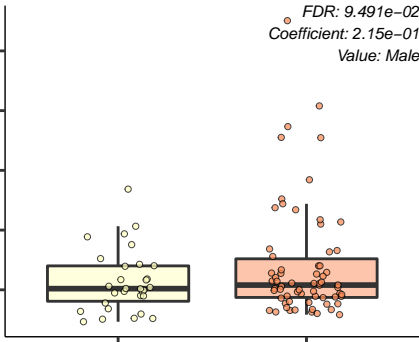
gamma-glutamylphenylalanine

FDR: 9.491e-02
Coefficient: 2.15e-01
Value: Male

5e+06
4e+06
3e+06
2e+06
1e+06

Female (n=30)

Male (n=66)



3-methylhistidine

FDR: 9.638e-02
Coefficient: 8.46e-01
Value: Male

3e+06

2e+06

1e+06

0e+00

Female (n=30)

Male (n=66)

