

Glycochenodeoxycholate

0.06

0.04

0.02

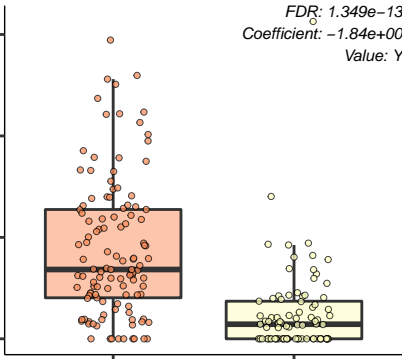
0.00

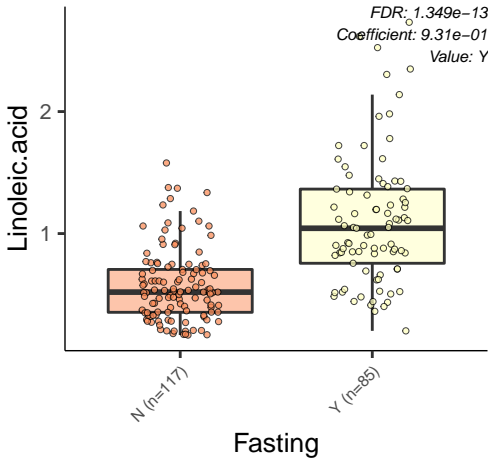
N (n=117)

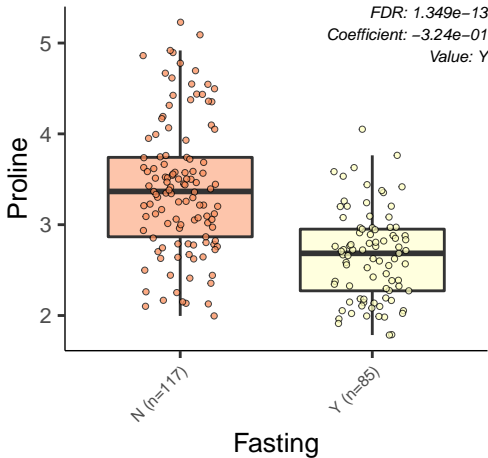
Y (n=85)

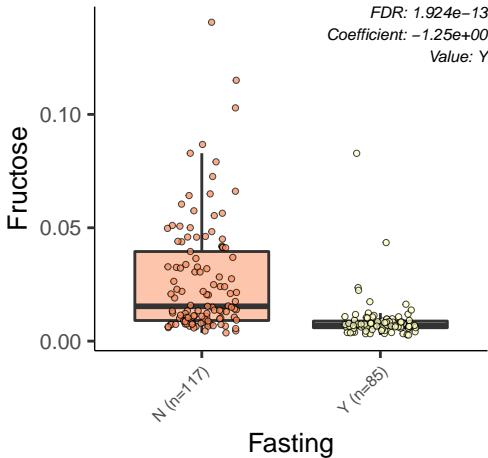
Fasting

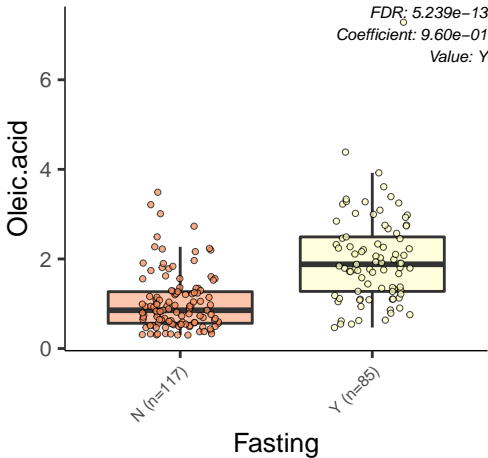
FDR: $1.349\text{e-}13$
Coefficient: $-1.84\text{e}+00$
Value: Y











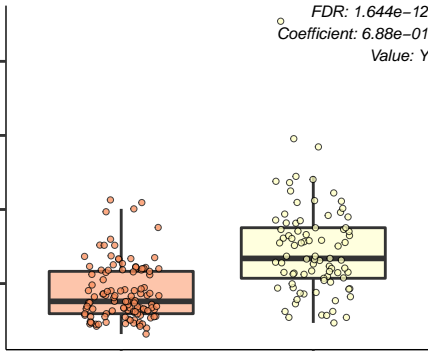
Palmitic.acid

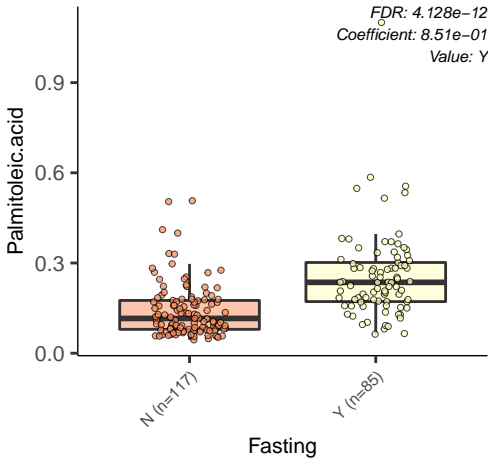
FDR: 1.644e-12
Coefficient: 6.88e-01
Value: Y

N (n=117)

Y (n=85)

Fasting





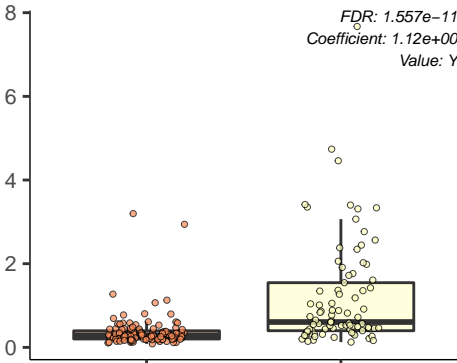
X3.hydroxybutyric.acid

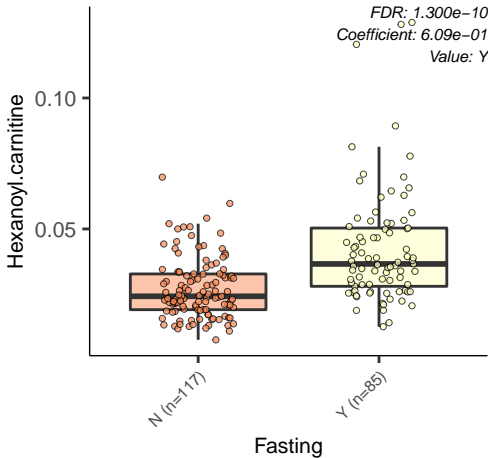
FDR: $1.557e-11$
Coefficient: $1.12e+00$
Value: Y

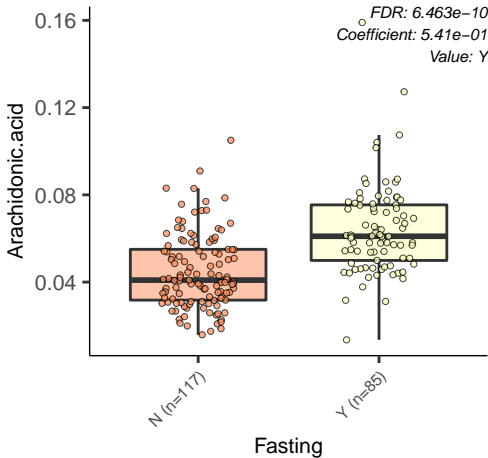
N (n=117)

Y (n=85)

Fasting







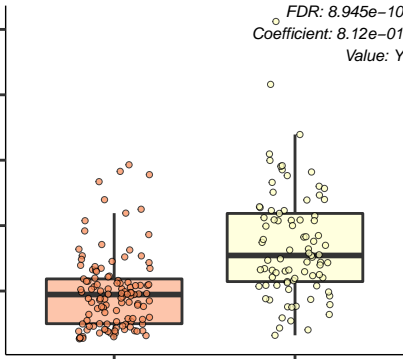
cis.11.Eicosenoic.acid

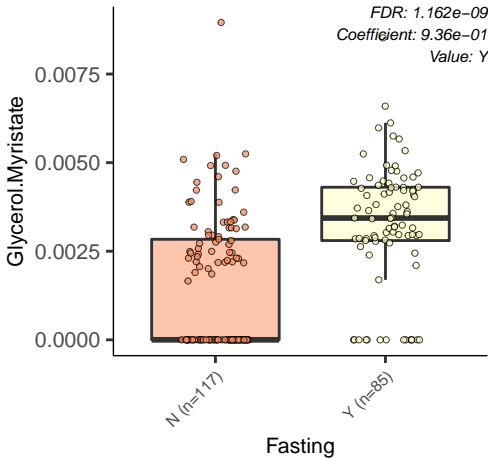
FDR: 8.945e-10
Coefficient: 8.12e-01
Value: Y

N (n=117)

Y (n=85)

Fasting





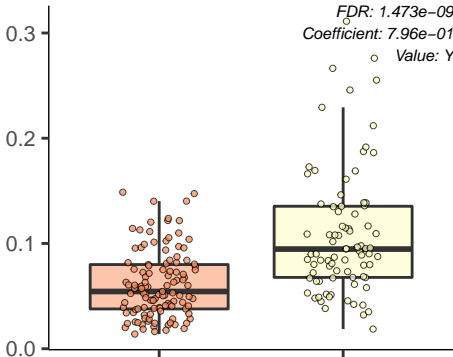
Ximeninic.Acid

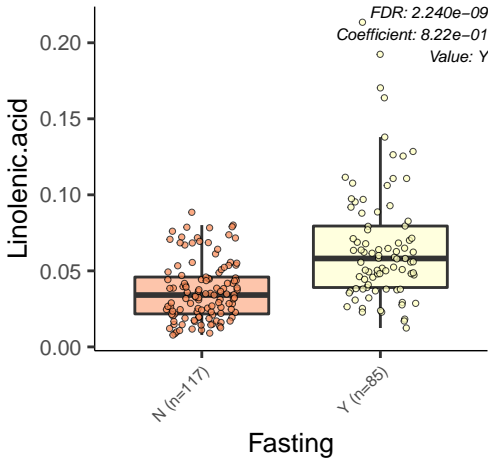
FDR: $1.473e-09$
Coefficient: $7.96e-01$
Value: Y

N (n=117)

Y (n=85)

Fasting





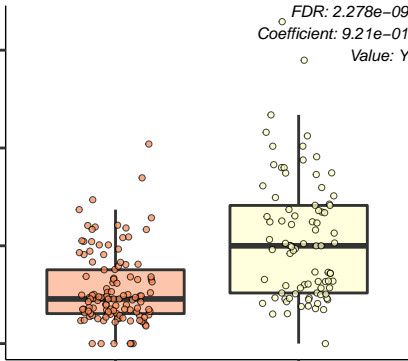
all.cis.4.7.10.13.16.Docosapentaenoic.acid

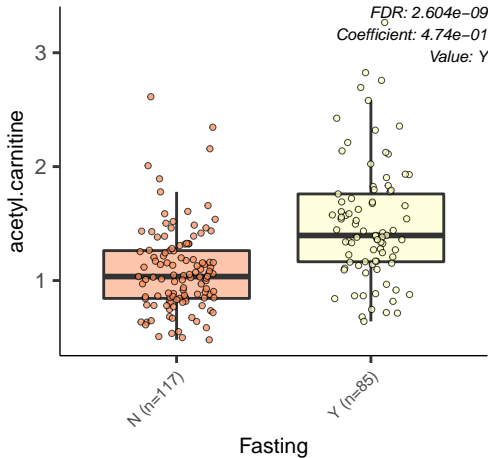
FDR: 2.278e-09
Coefficient: 9.21e-01
Value: Y

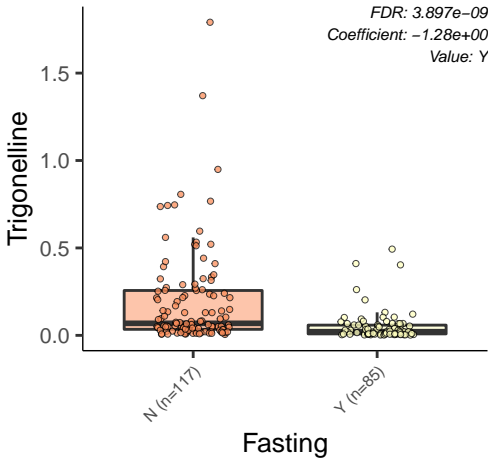
N (n=117)

Y (n=85)

Fasting







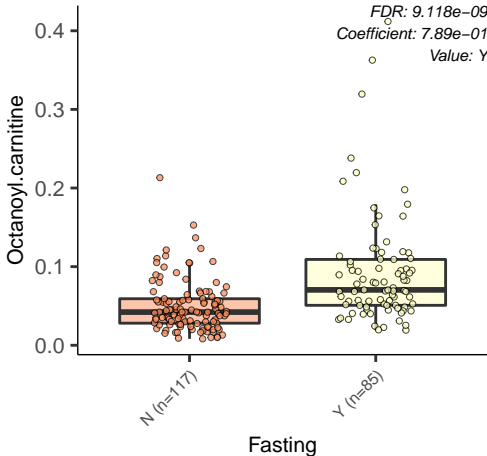
Octanoyl.carnitine

FDR: 9.118e-09
Coefficient: 7.89e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



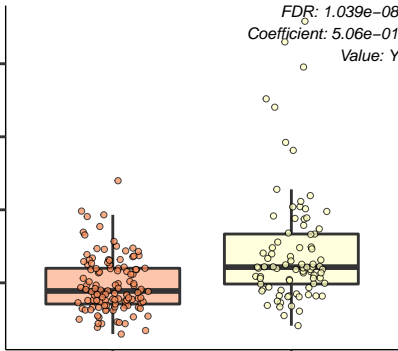
N.Acetylglycine

FDR: 1.039e-08
Coefficient: 5.06e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



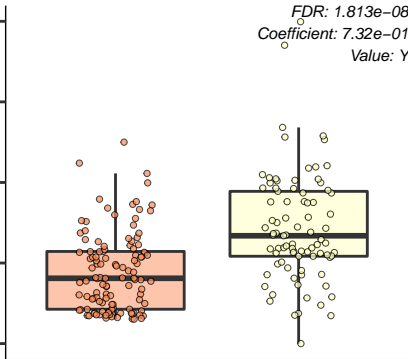
X5.Z...8.Z...11.Z...Eicosatrienoic.Acid

FDR: 1.813e-08
Coefficient: 7.32e-01
Value: Y

N (n=117)

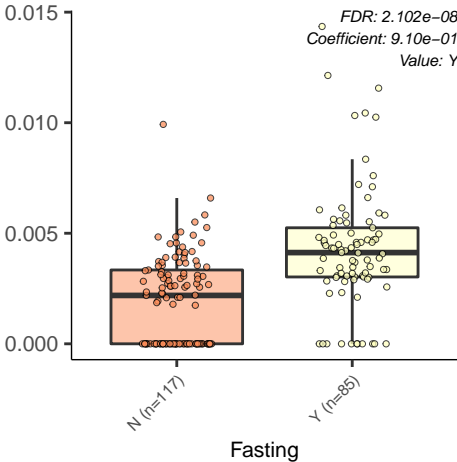
Y (n=85)

Fasting



cis.10.Nonadecenoic.acid

FDR: 2.102e-08
Coefficient: 9.10e-01
Value: Y



X14.Methylhexadecanoic.acid

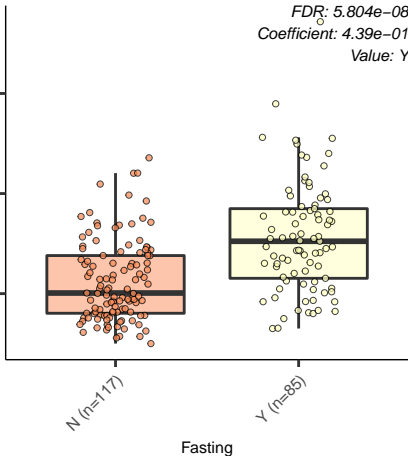
FDR: 5.804e-08
Coefficient: 4.39e-01
Value: Y

0.06
0.04
0.02

N (n=117)

Y (n=85)

Fasting



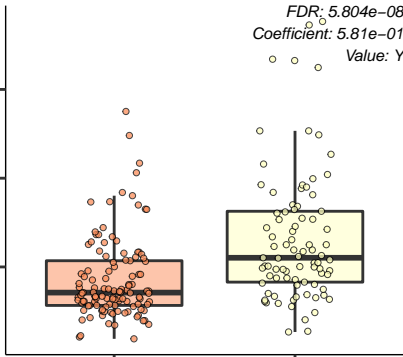
Docosahexaenoic.acid

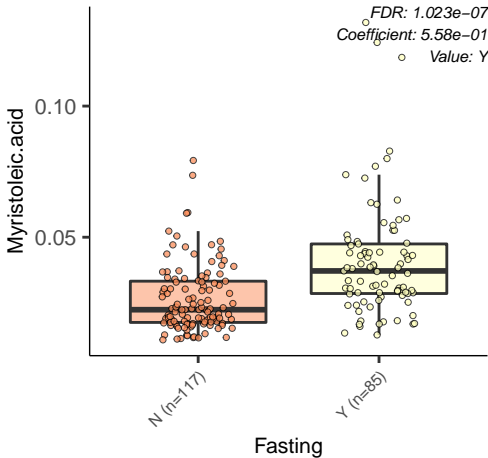
FDR: 5.804e-08
Coefficient: 5.81e-01
Value: Y

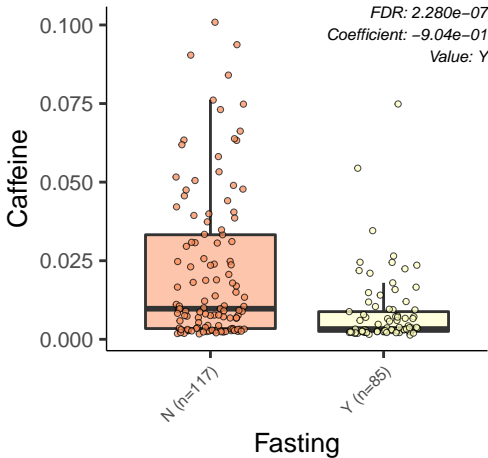
N (n=117)

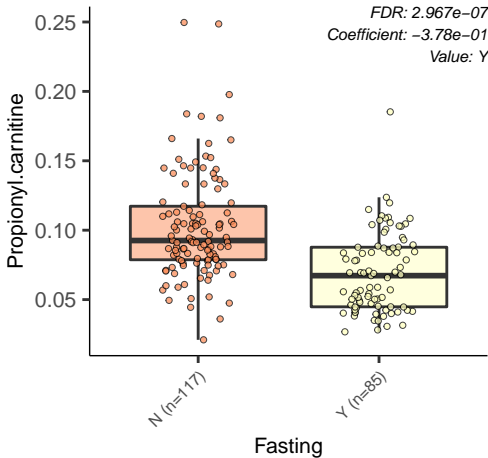
Y (n=85)

Fasting









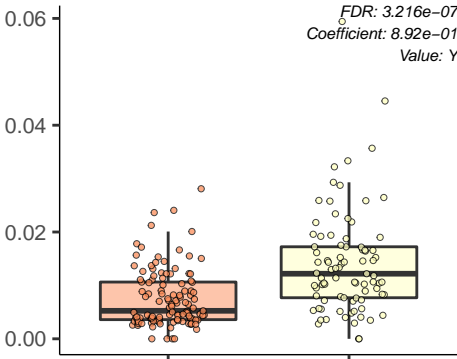
cis.5.Dodecenoic.acid

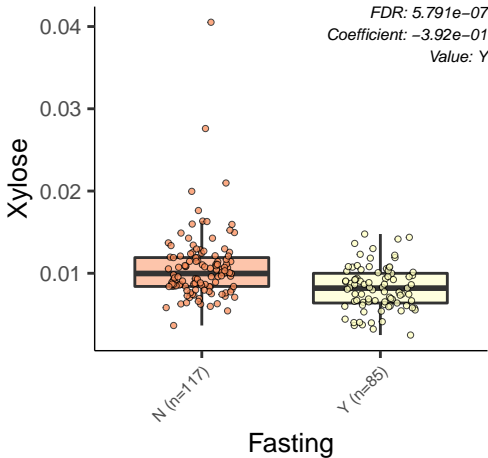
FDR: $3.216e-07$
Coefficient: $8.92e-01$
Value: Y

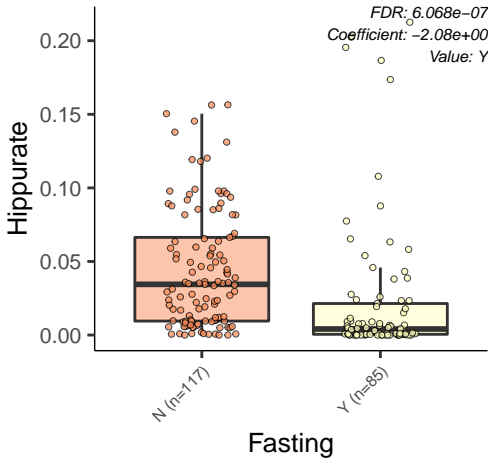
N (n=117)

Y (n=85)

Fasting







X3..4.Hydroxyphenyl.Pyruvate

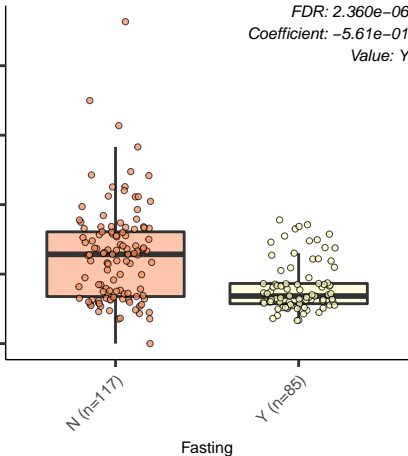
0.04
0.03
0.02
0.01
0.00

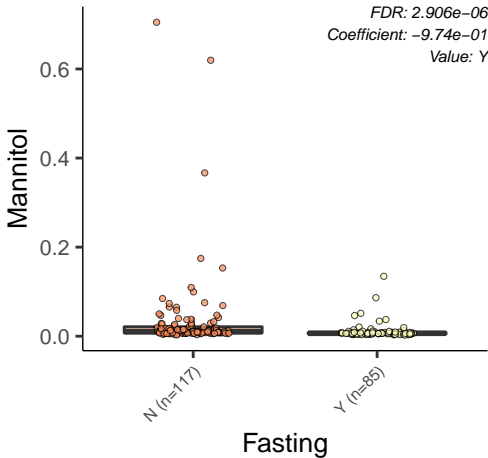
N (n=117)

Y (n=85)

Fasting

FDR: 2.360e-06
Coefficient: -5.61e-01
Value: Y





X4.Guanidinobutanoate

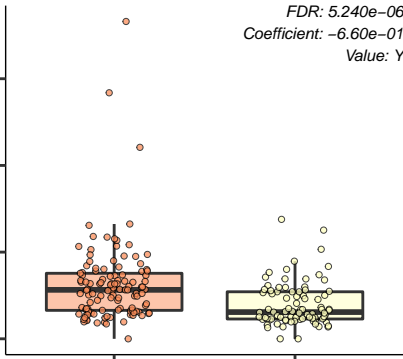
FDR: 5.240e-06
Coefficient: -6.60e-01
Value: Y

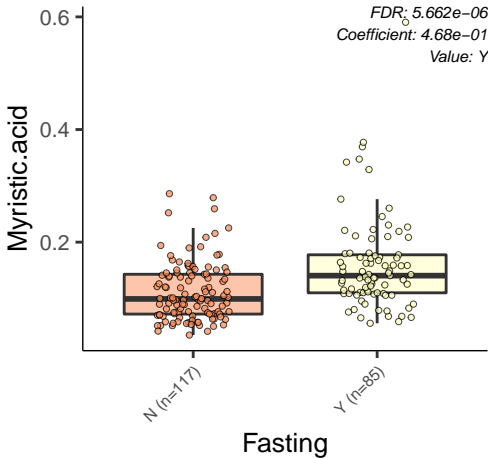
0.03
0.02
0.01
0.00

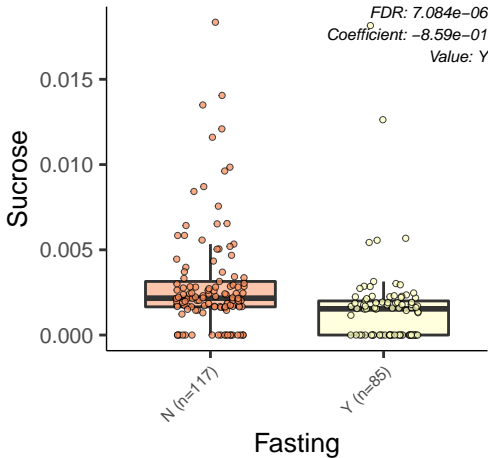
N (n=117)

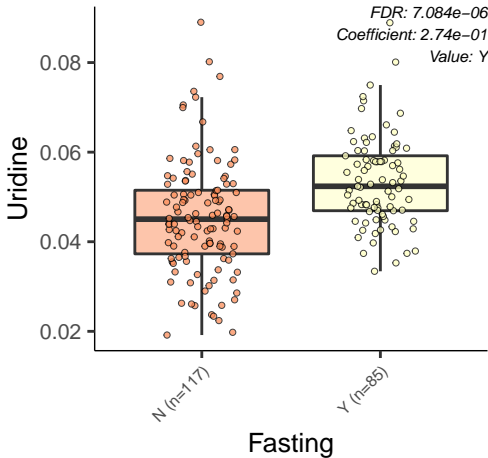
Y (n=85)

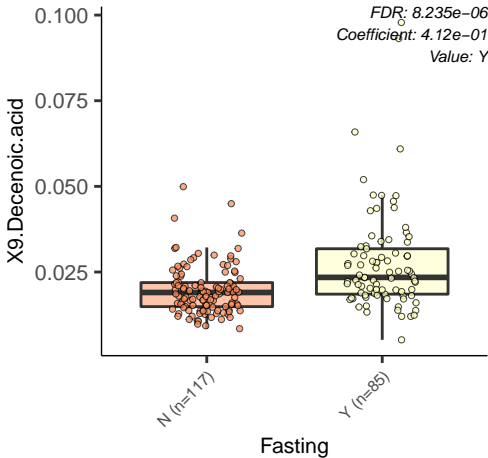
Fasting

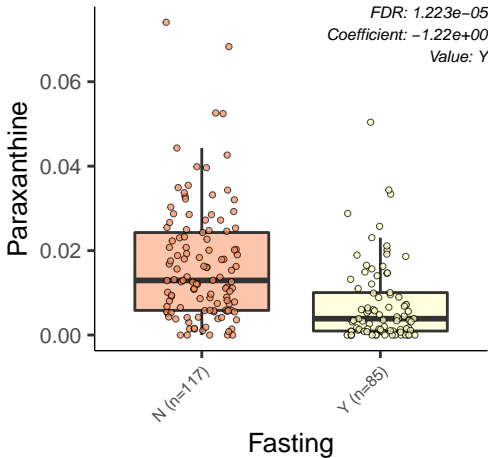


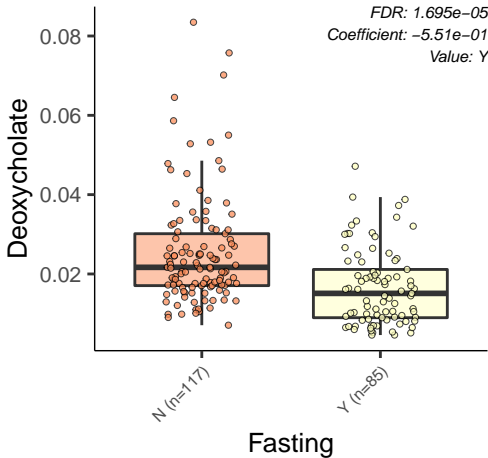












Glycocholate

FDR: 2.454e-05

Coefficient: -1.08e+00

Value: Y

0.020

0.015

0.010

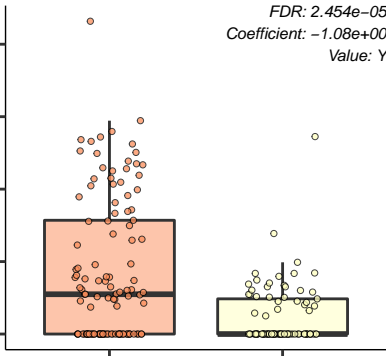
0.005

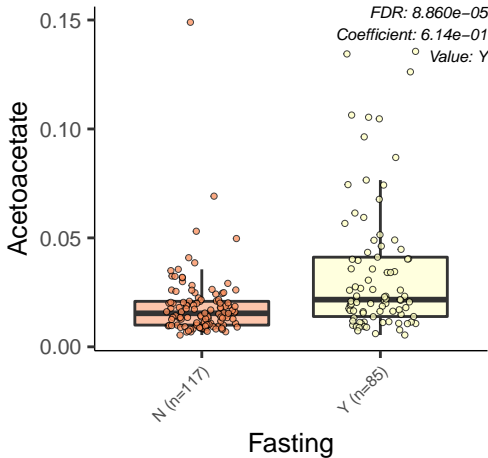
0.000

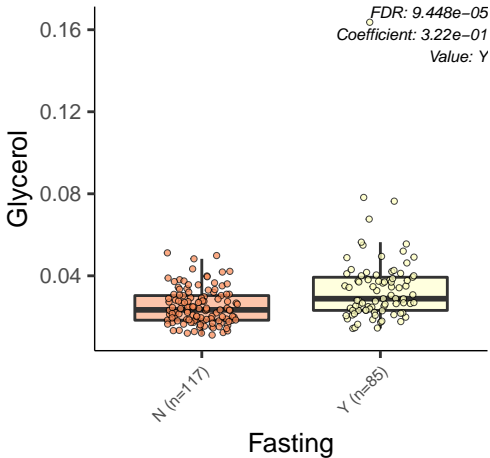
N (n=117)

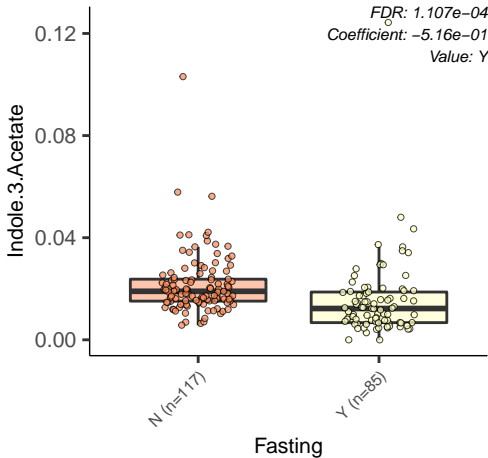
Y (n=85)

Fasting









Indole.3.Methyl.Acetate

FDR: 1.319e-04
Coefficient: -8.70e-01
Value: Y

0.006

0.004

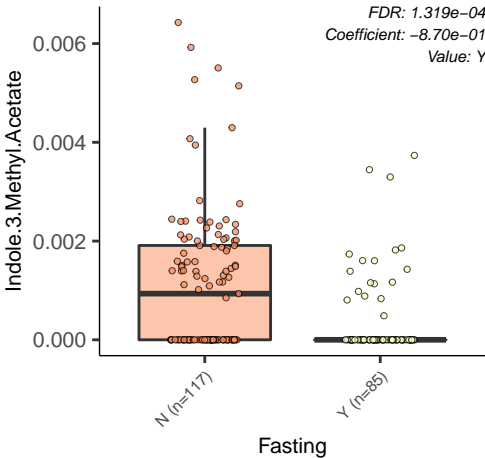
0.002

0.000

N (n=117)

Y (n=85)

Fasting



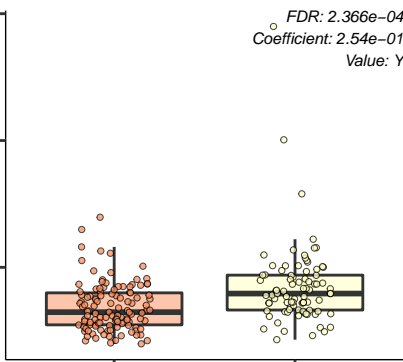
Pentadecanoic.acid

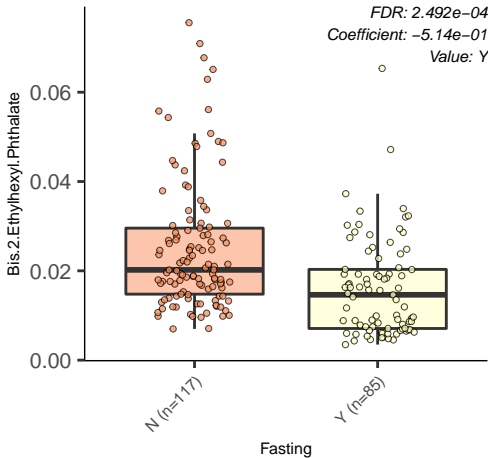
FDR: 2.366e-04
Coefficient: 2.54e-01
Value: Y

N (n=117)

Y (n=85)

Fasting





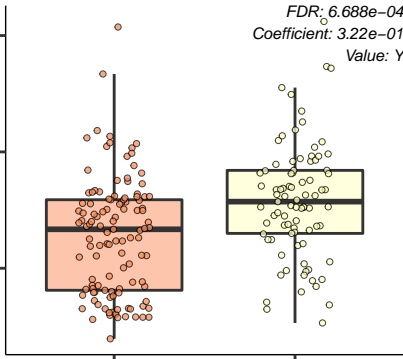
Palmitoyl.carnitine

FDR: 6.688e-04
Coefficient: 3.22e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



X2.Methylmaleate

0.08

0.06

0.04

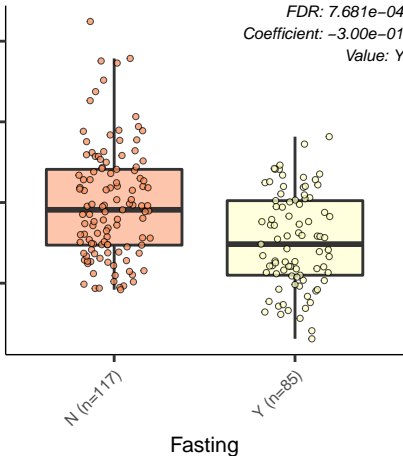
0.02

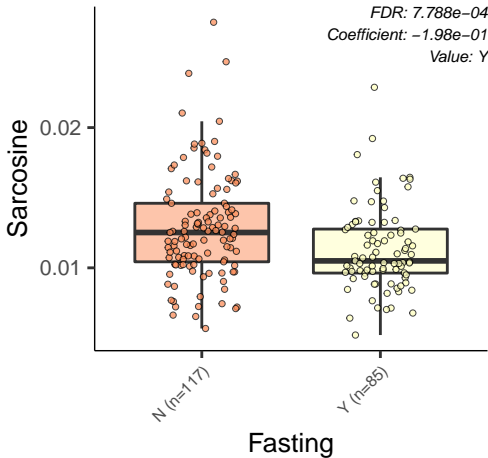
N (n=117)

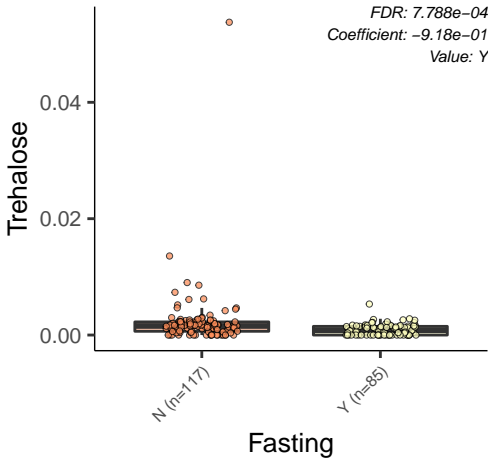
Y (n=85)

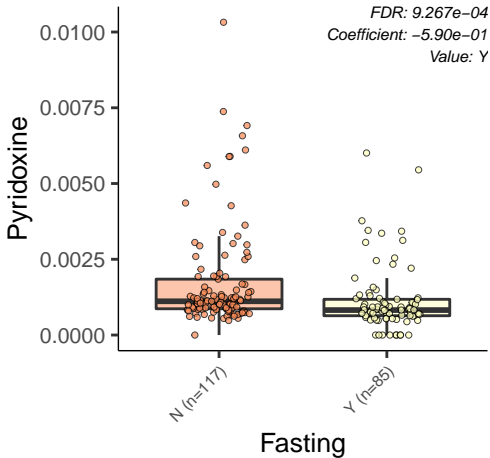
Fasting

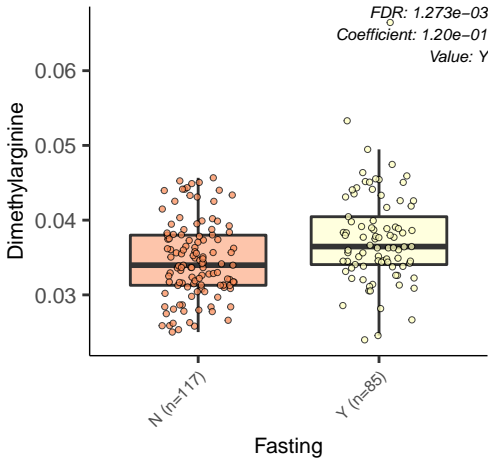
FDR: $7.681e-04$
Coefficient: $-3.00e-01$
Value: Y











Phenylpyruvate

FDR: 1.328e-03

Coefficient: -5.85e-01

Value: Y

0.0075

0.0050

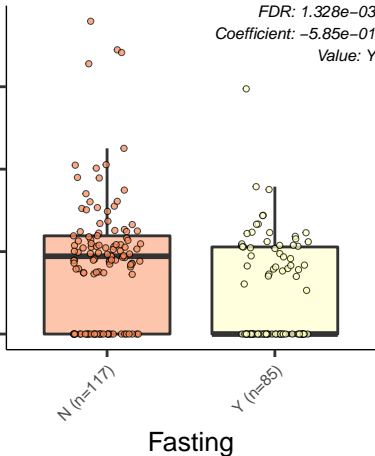
0.0025

0.0000

N (n=117)

Y (n=85)

Fasting



X2.3.Dihydroxybenzoate

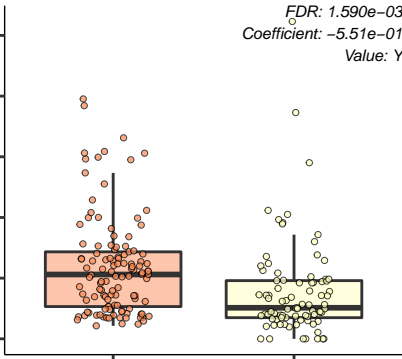
0.05
0.04
0.03
0.02
0.01
0.00

FDR: 1.590e-03
Coefficient: -5.51e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



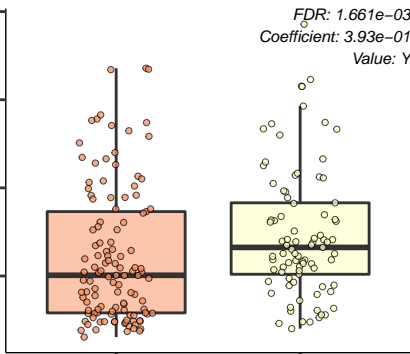
N.Acetylalanine

FDR: 1.661e-03
Coefficient: 3.93e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



Trans.4.Hydroxy.L.Proline

FDR: 2.386e-03

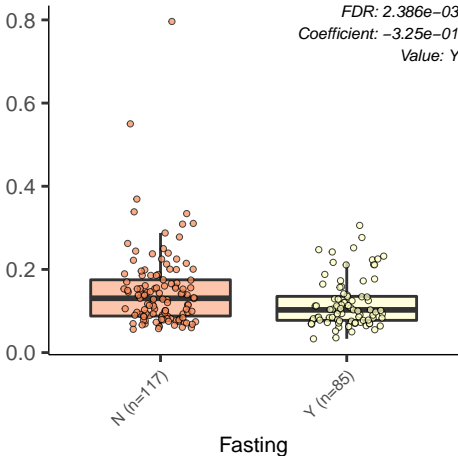
Coefficient: -3.25e-01

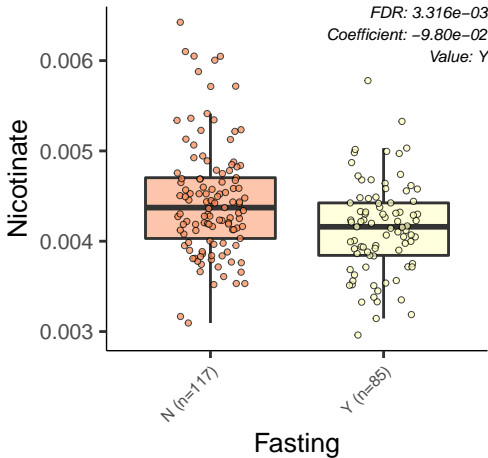
Value: Y

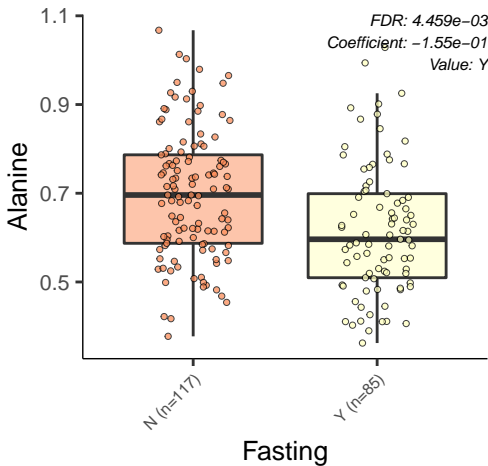
N (n=117)

Y (n=85)

Fasting

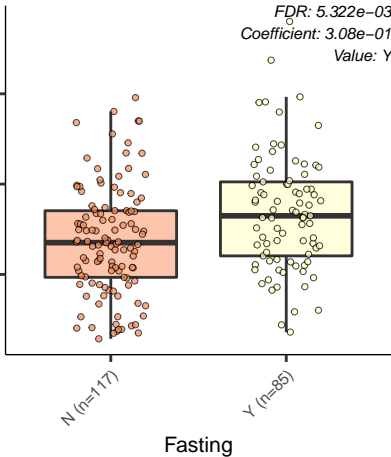




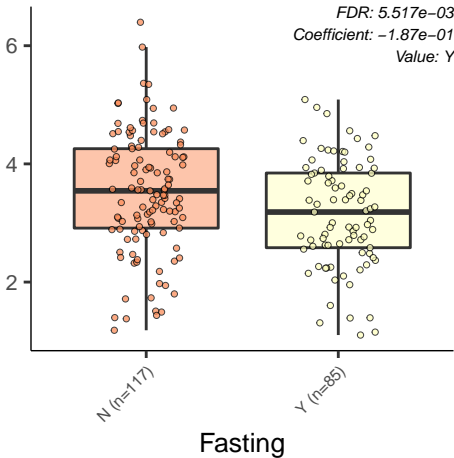


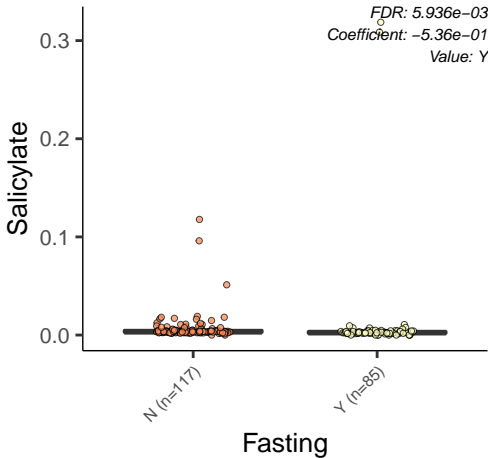
N.Acetyl.L.glutamine

FDR: 5.322e-03
Coefficient: 3.08e-01
Value: Y



Betaine





Cis.4.Hydroxy.D.Proline

FDR: 6.958e-03

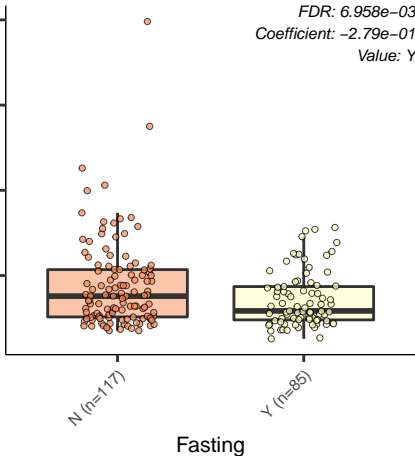
Coefficient: -2.79e-01

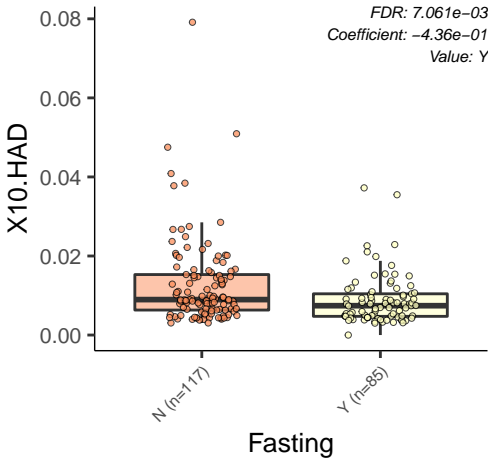
Value: Y

N (n=117)

Y (n=85)

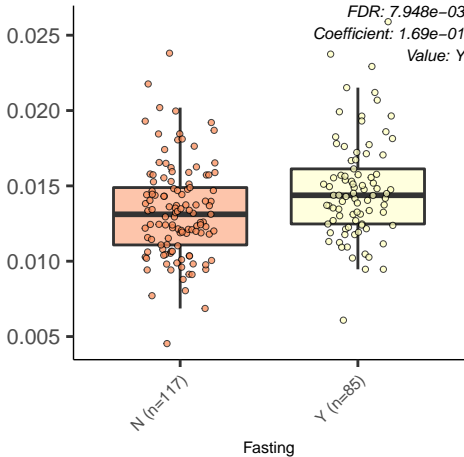
Fasting





X2.Hydroxyhexadecanoic.acid

FDR: 7.948e-03
Coefficient: 1.69e-01
Value: Y



Tetradecanoylcarnitine

FDR: $8.667e-03$
Coefficient: $8.52e-01$
Value: Y

0.010

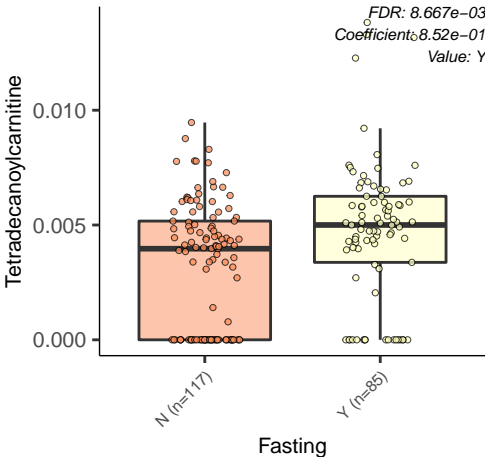
0.005

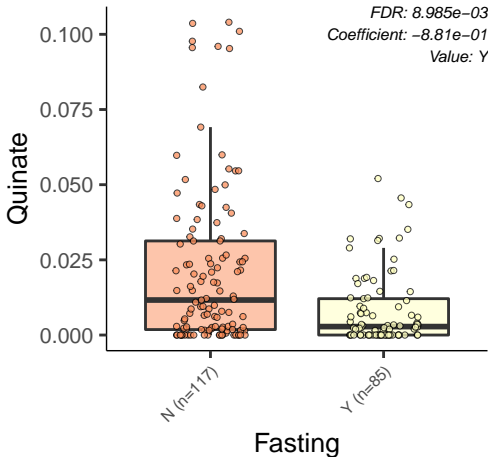
0.000

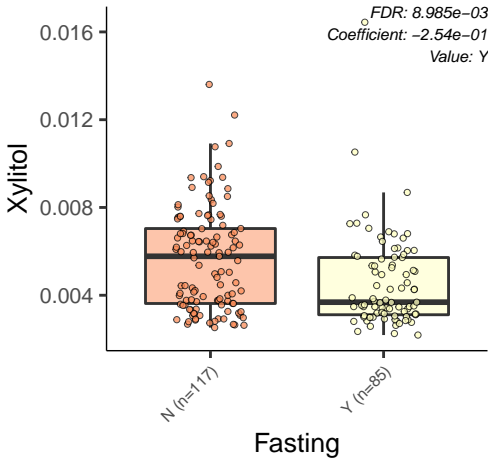
N (n=117)

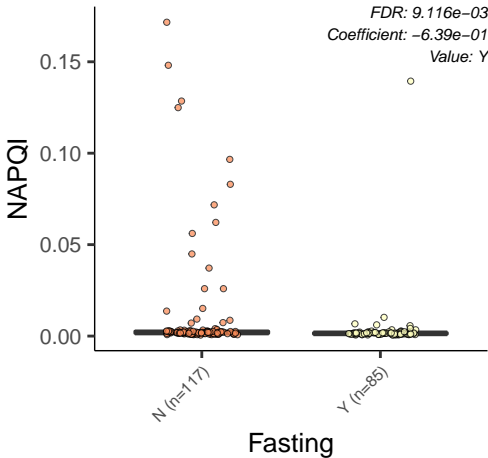
Y (n=85)

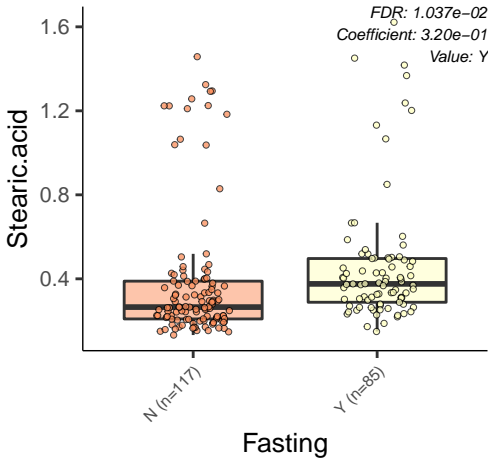
Fasting

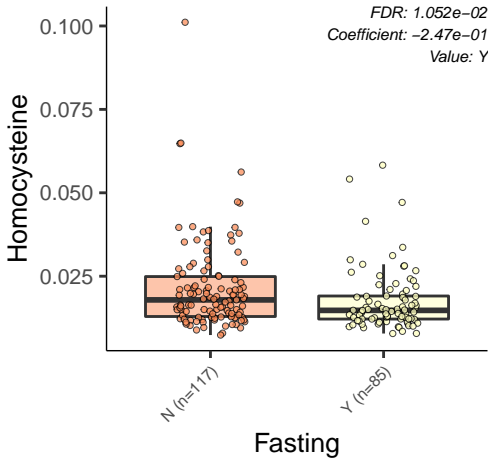


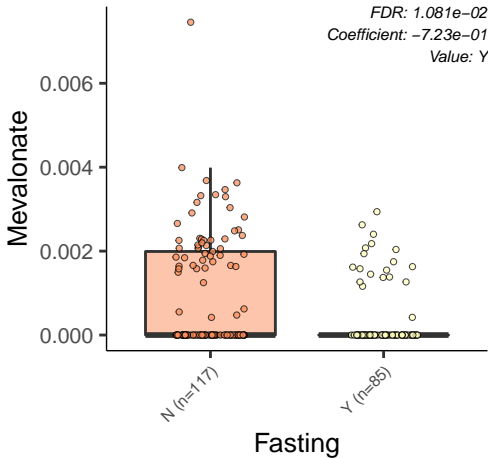


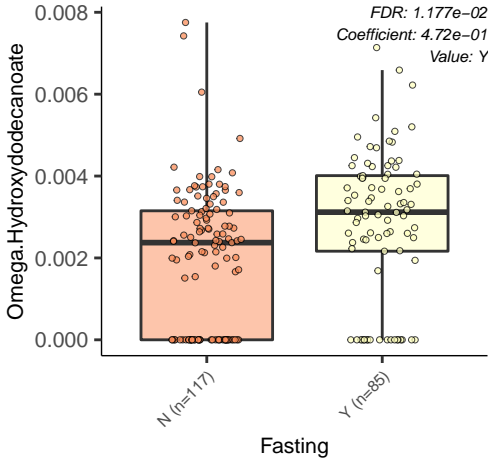












N.Acetylserine

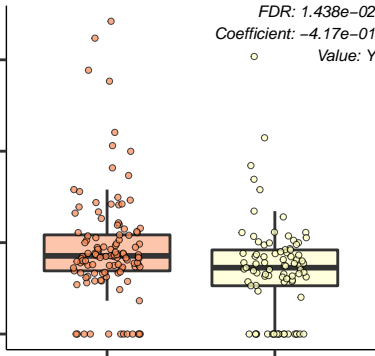
0.0075
0.0050
0.0025
0.0000

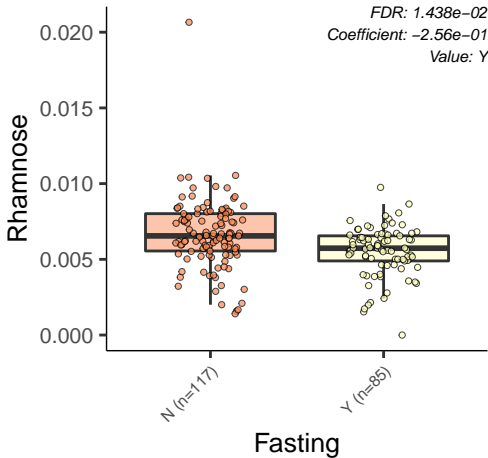
FDR: 1.438e-02
Coefficient: -4.17e-01
Value: Y

N (n=117)

Y (n=85)

Fasting





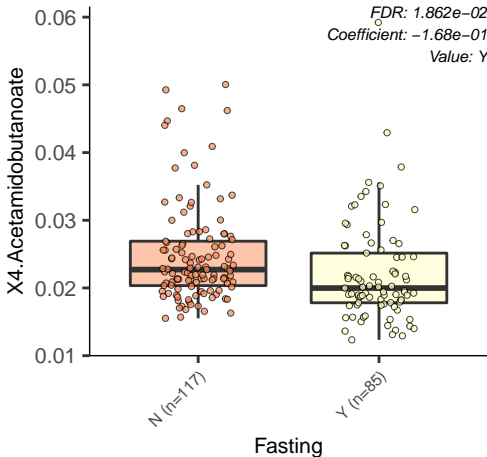
X4.Acetamidobutanoate

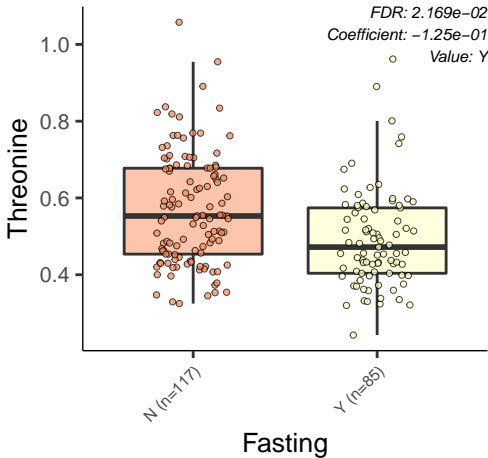
FDR: 1.862e-02
Coefficient: -1.68e-01
Value: Y

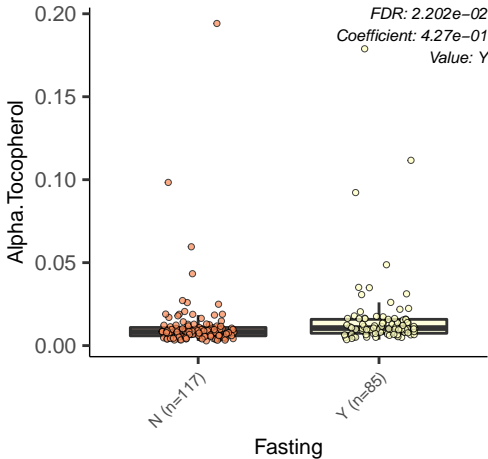
N (n=117)

Y (n=85)

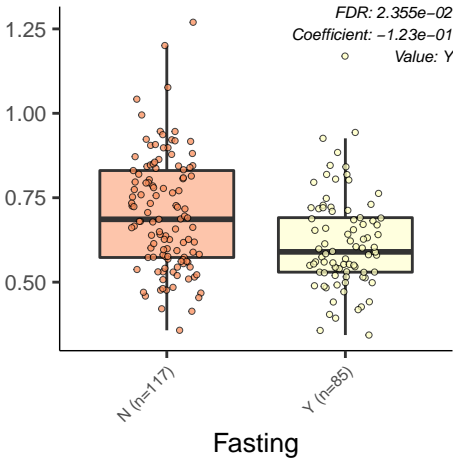
Fasting

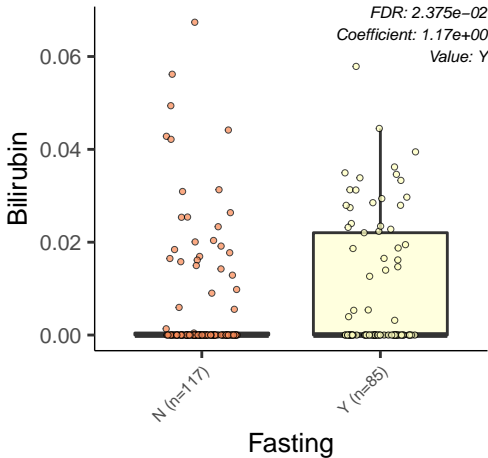






Tyrosine





X3.Methyl.2.Oxovalerate

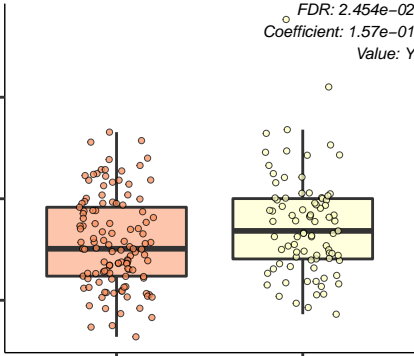
FDR: $2.454e-02$
Coefficient: $1.57e-01$
Value: Y

N (n=117)

Y (n=85)

Fasting

1.5
1.0
0.5



Thiopurine.S.Methylether

FDR: 2.454e-02
Coefficient: -1.01e+00
Value: Y

0.006

0.004

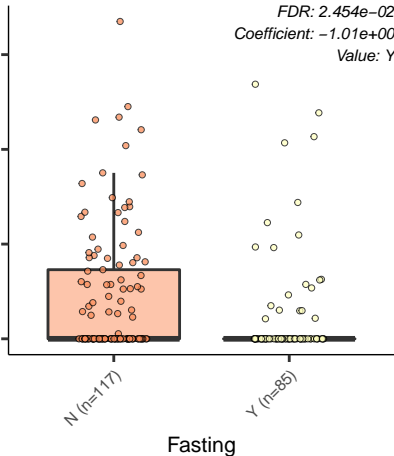
0.002

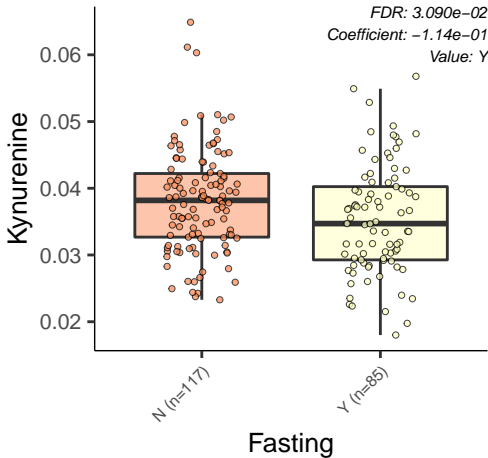
0.000

N (n=117)

Y (n=85)

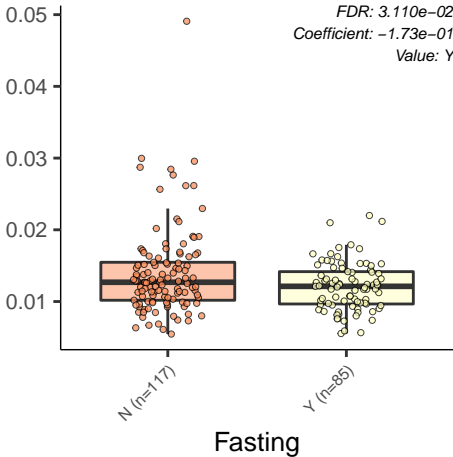
Fasting

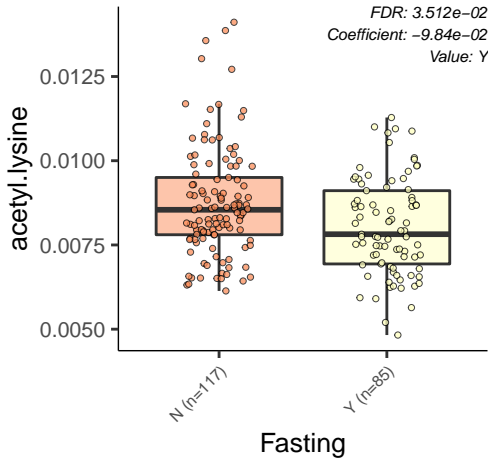




Trimethyllysine

FDR: 3.110e-02
Coefficient: -1.73e-01
Value: Y





X2.6.Dihydroxypyridine

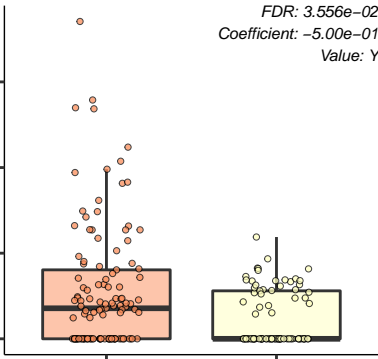
FDR: $3.556\text{e-}02$
Coefficient: $-5.00\text{e-}01$
Value: Y

0.0075
0.0050
0.0025
0.0000

N (n=117)

Y (n=85)

Fasting



Indole.3.Acetamide

FDR: 3.606e-02
Coefficient: -3.38e-01
Value: Y

0.06

0.04

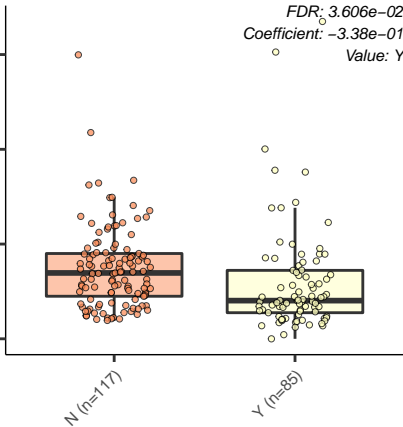
0.02

0.00

N (n=117)

Y (n=85)

Fasting



O.Acetylserine

FDR: 4.398e-02

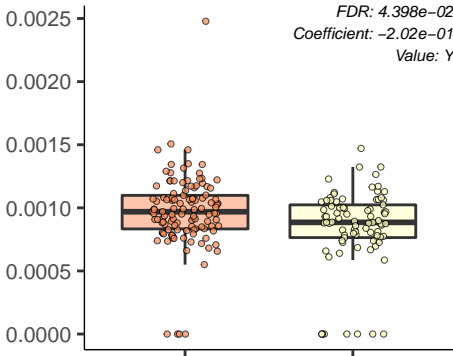
Coefficient: -2.02e-01

Value: Y

N (n=117)

Y (n=85)

Fasting



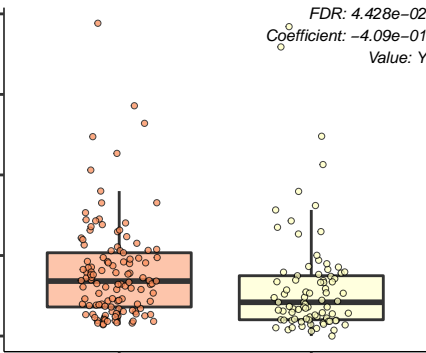
Indoxyl.Sulfate

FDR: $4.428e-02$
Coefficient: $-4.09e-01$
Value: Y

N (n=117)

Y (n=85)

Fasting



X2.Hydroxytetradecanoic.acid

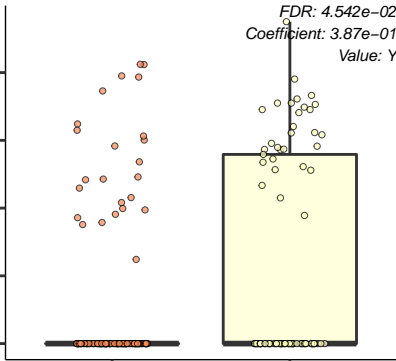
FDR: 4.542e-02
Coefficient: 3.87e-01
Value: Y

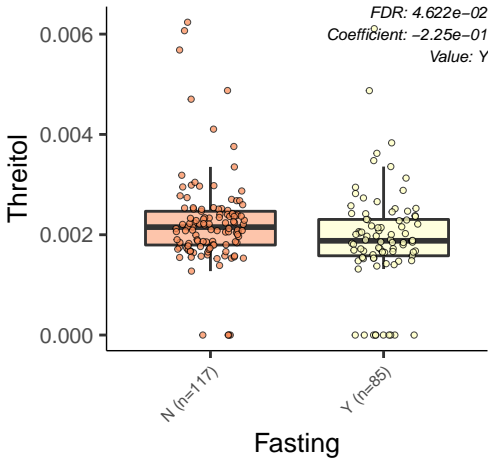
0.004
0.003
0.002
0.001
0.000

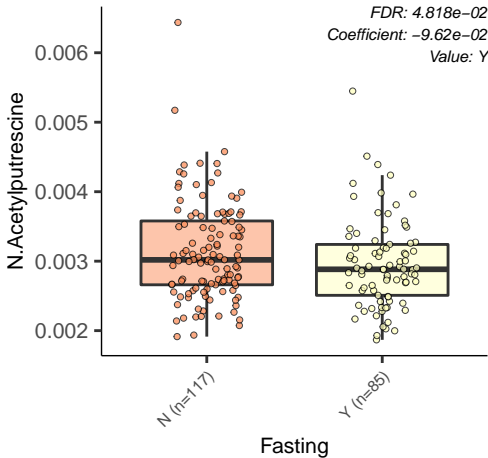
N (n=117)

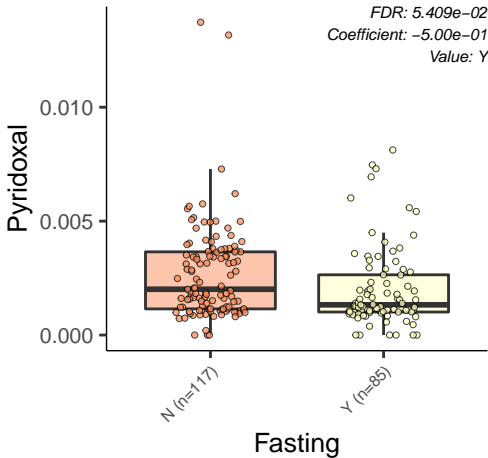
Y (n=85)

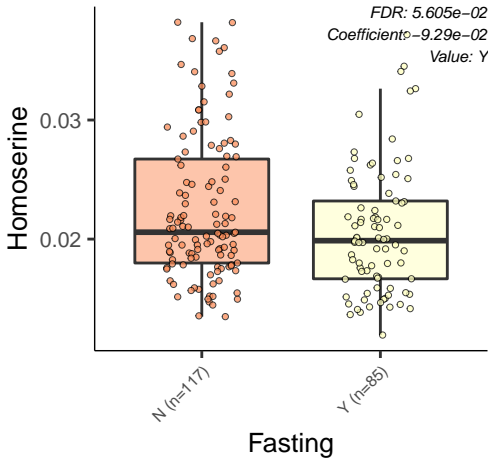
Fasting











Lignoceric.acid

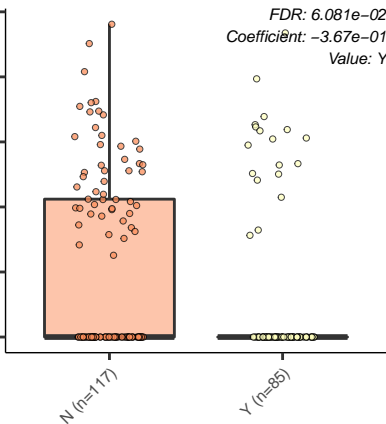
0.005
0.004
0.003
0.002
0.001
0.000

N (n=117)

Y (n=85)

Fasting

FDR: 6.081e-02
Coefficient: -3.67e-01
Value: Y



Biliverdin

FDR: 6.400e-02
Coefficient: 3.89e-01
Value: Y

0.015

0.010

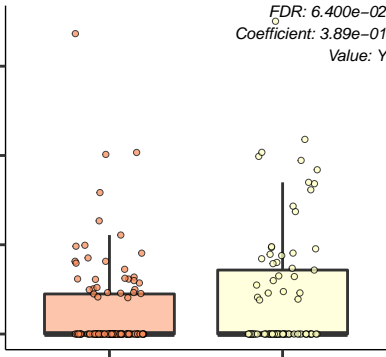
0.005

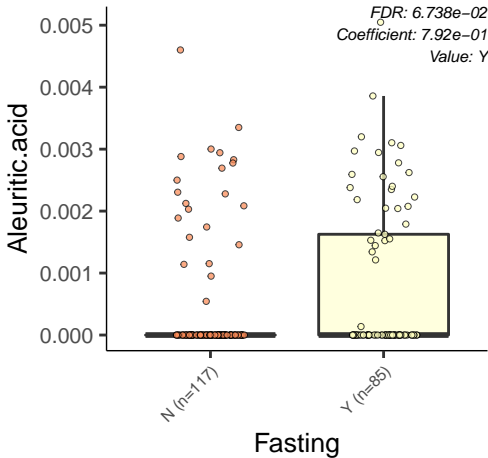
0.000

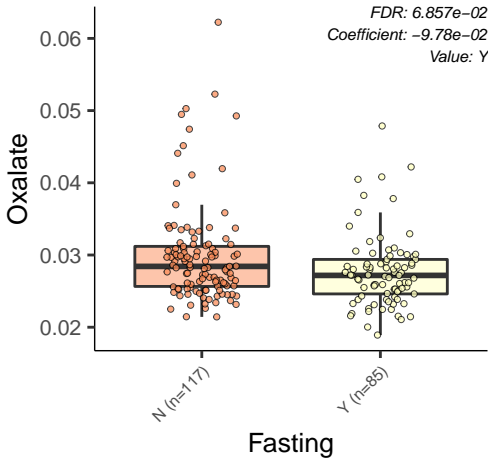
N (n=117)

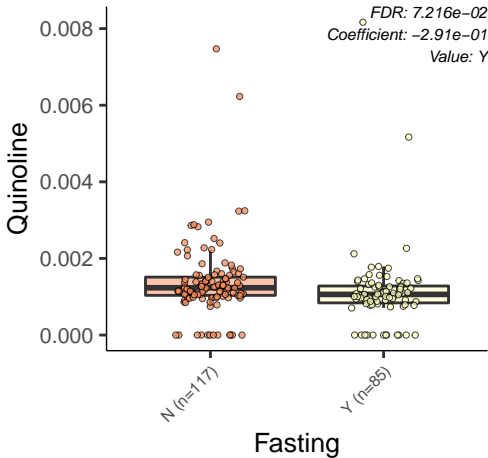
Y (n=85)

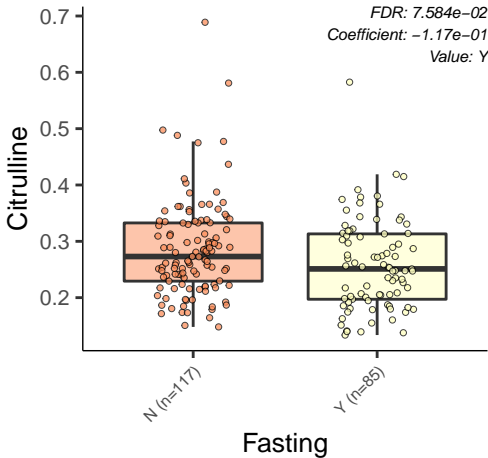
Fasting











D.Sedoheptulose

FDR: 7.594e-02
Coefficient: 7.85e-01
Value: Y

0.0075

0.0050

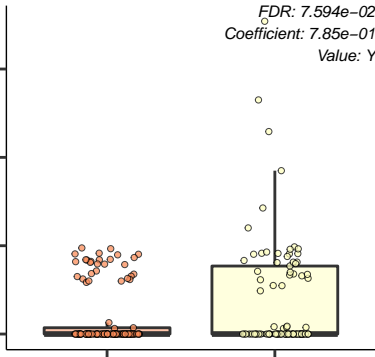
0.0025

0.0000

N (n=117)

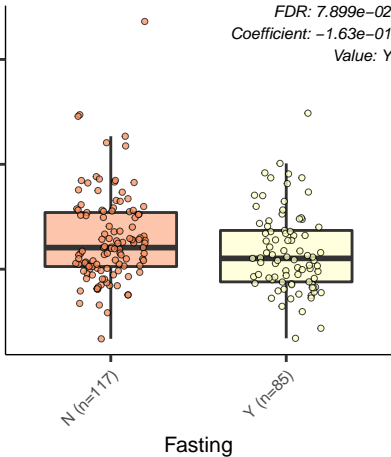
Y (n=85)

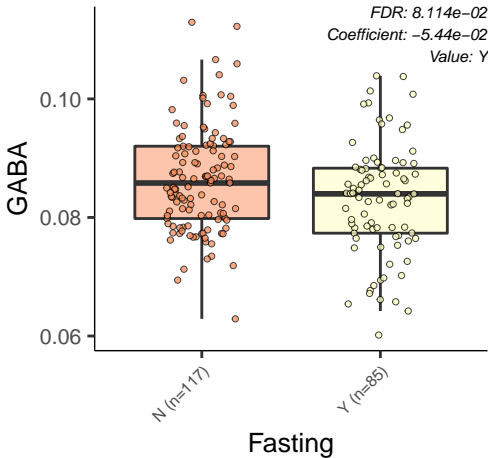
Fasting

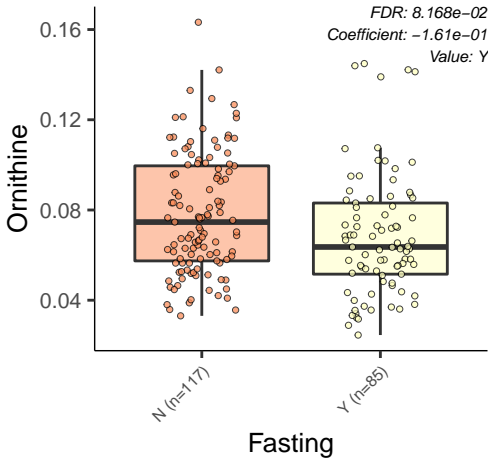


Methionine.Sulfoximine

FDR: 7.899e-02
Coefficient: -1.63e-01
Value: Y







N.Acetyltrypophan

0.0075

0.0050

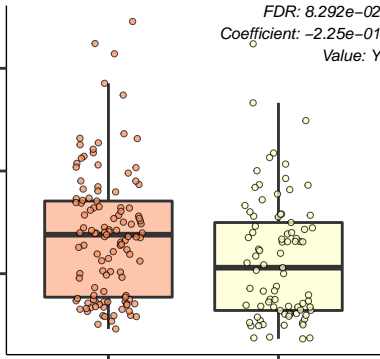
0.0025

N (n=117)

Y (n=85)

Fasting

FDR: $8.292e-02$
Coefficient: $-2.25e-01$
Value: Y



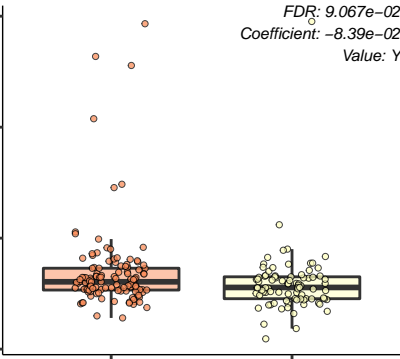
X5.Aminopentanoate

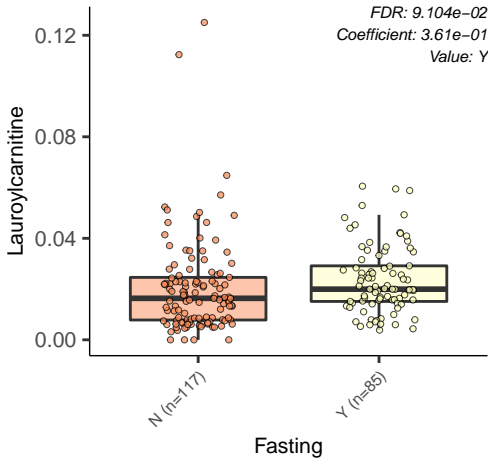
FDR: 9.067e-02
Coefficient: -8.39e-02
Value: Y

N (n=117)

Y (n=85)

Fasting





X3..2.Hydroxyphenyl.I.Propanoate

FDR: 1.039e-01
Coefficient: -2.60e-01
Value: Y

0.02

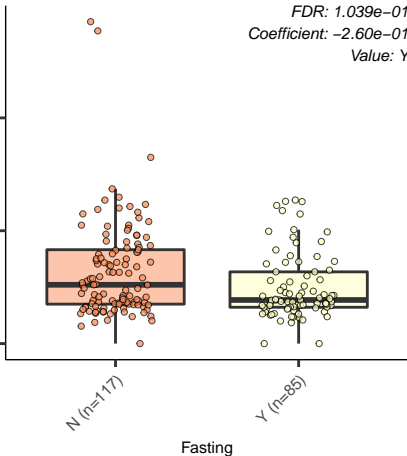
0.01

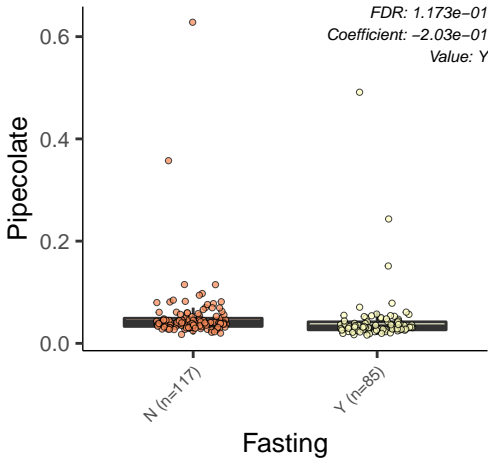
0.00

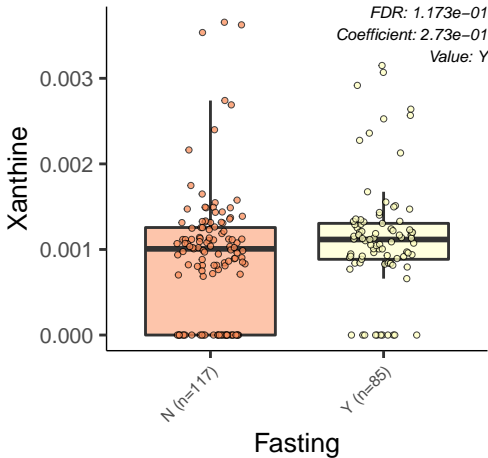
N (n=117)

Y (n=85)

Fasting







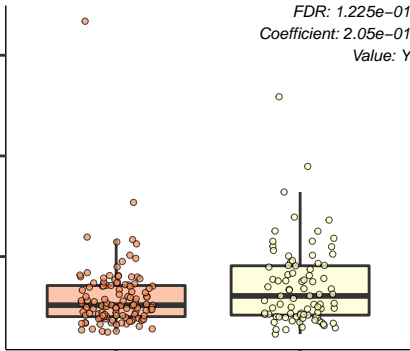
Octanoic.acid

FDR: 1.225e-01
Coefficient: 2.05e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



X3.4.Dihydroxymandelate

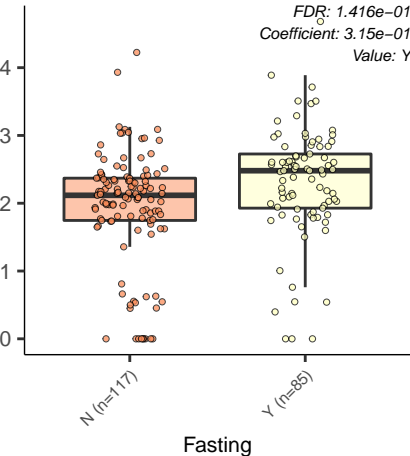
FDR: 1.416e-01
Coefficient: 3.15e-01
Value: Y

N (n=117)

Y (n=85)

Fasting

0.004
0.003
0.002
0.001
0.000



Dodecanoic.acid

FDR: 1.447e-01
Coefficient: 2.53e-01
Value: Y

N (n=117)

Y (n=85)

Fasting

0.3

0.2

0.1

0.0

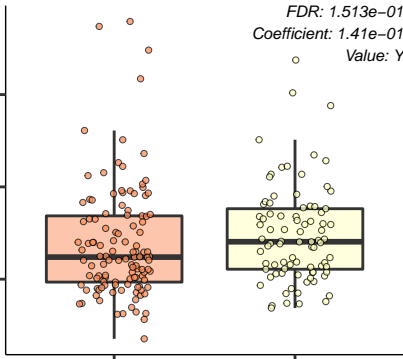
Beta.hydroxyvaleric.Acid

FDR: 1.513e-01
Coefficient: 1.41e-01
Value: Y

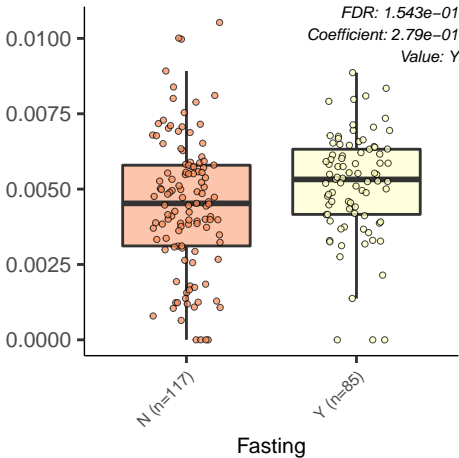
N (n=117)

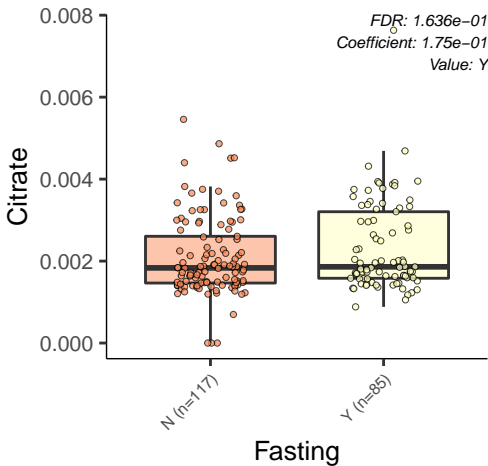
Y (n=85)

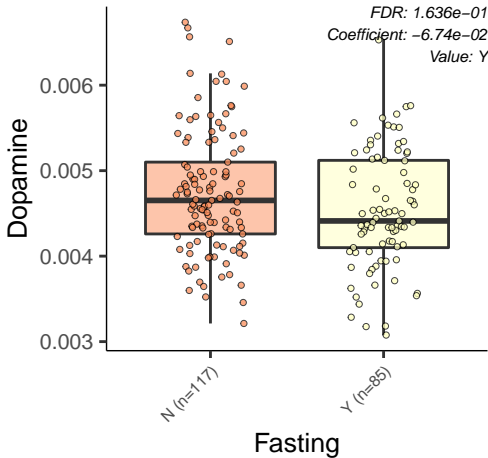
Fasting



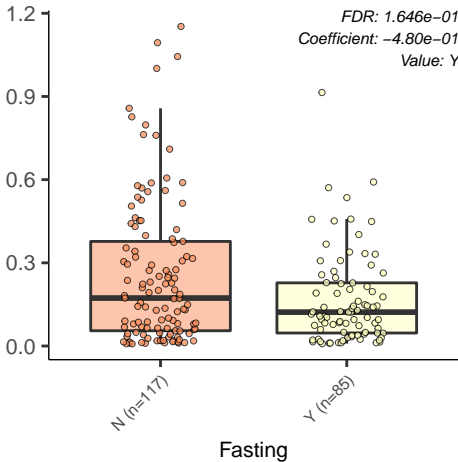
Methylthioadenosine







X3.Methyl.L.Histidine



X2.Hydroxyisocaproic.acid

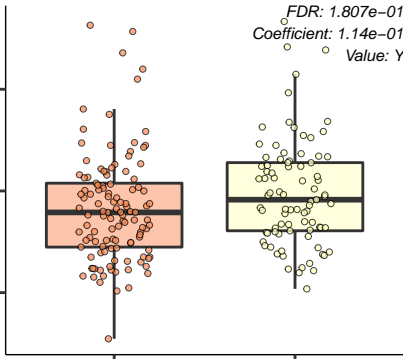
FDR: 1.807e-01
Coefficient: 1.14e-01
Value: Y

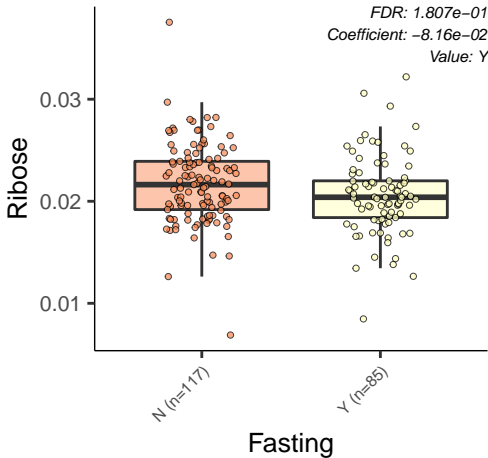
0.03
0.02
0.01

N (n=117)

Y (n=85)

Fasting





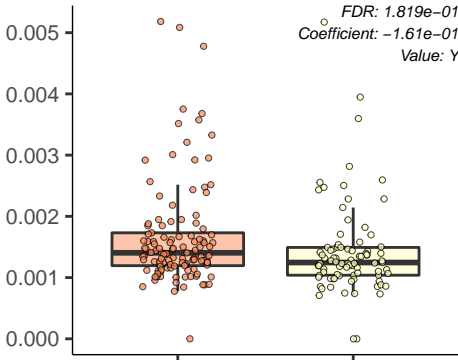
X4.Imidazoleacetate

FDR: 1.819e-01
Coefficient: -1.61e-01
Value: Y

N (n=117)

Y (n=85)

Fasting



Myo.Inositol

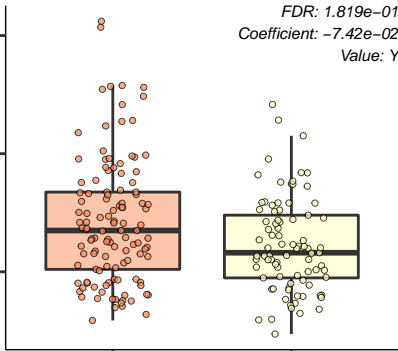
0.04
0.03
0.02

FDR: 1.819e-01
Coefficient: -7.42e-02
Value: Y

N (n=117)

Y (n=85)

Fasting



N.Acetylleucine

0.0100

0.0075

0.0050

0.0025

0.0000

FDR: 2.024e-01

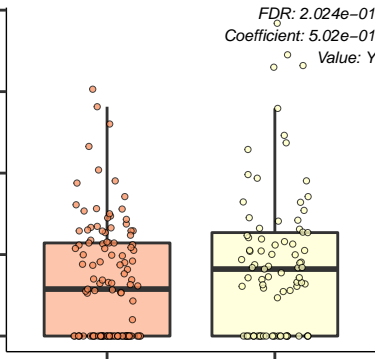
Coefficient: 5.02e-01

Value: Y

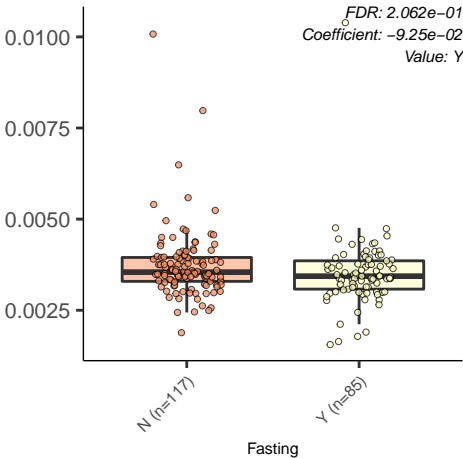
N (n=117)

Y (n=85)

Fasting



X5.6.Dimethylbenzimidazole



cis.7.10.13.16.Docosatetraenoic.acid

FDR: 2.062e-01
Coefficient: 3.80e-01
Value: Y

0.04

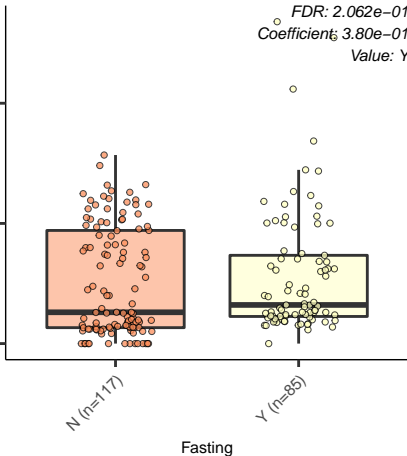
0.02

0.00

N (n=117)

Y (n=85)

Fasting



Phenylalanine

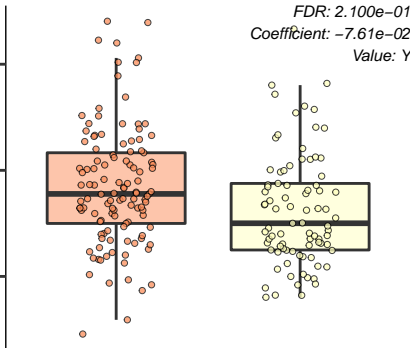
2.0
1.5
1.0

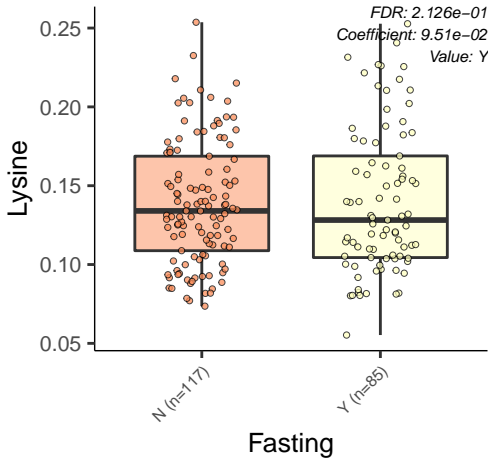
N (n=117)

Y (n=85)

Fasting

FDR: 2.100e-01
Coefficient: -7.61e-02
Value: Y





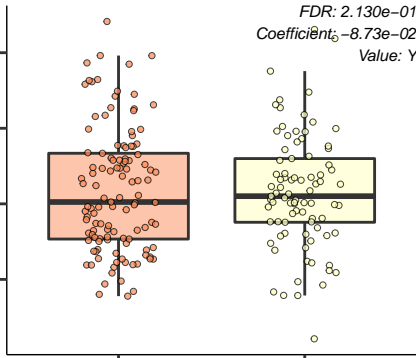
X2.Deoxy.D.Glucose

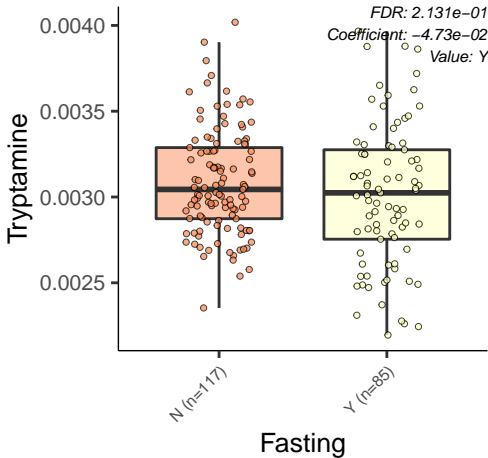
FDR: $2.130e-01$
Coefficient: $-8.73e-02$
Value: Y

N (n=117)

Y (n=85)

Fasting





X1.Aminocyclopropanecarboxylate

FDR: 2.154e-01
Coefficient: -1.02e-01
Value: Y

0.006

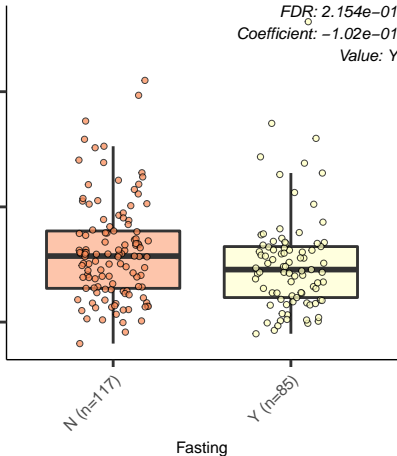
0.004

0.002

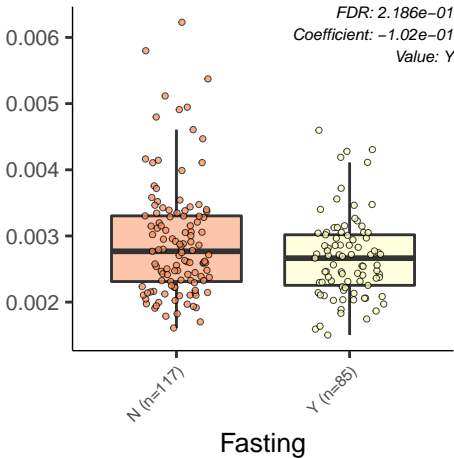
N (n=117)

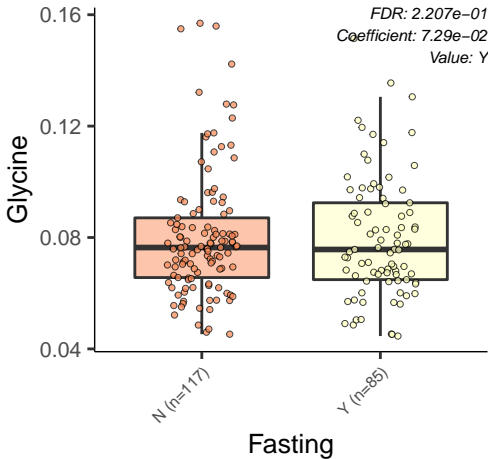
Y (n=85)

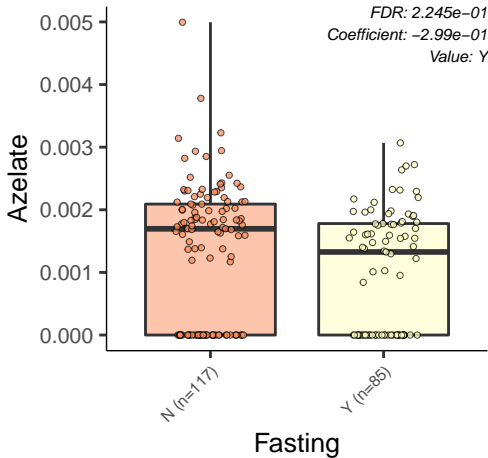
Fasting

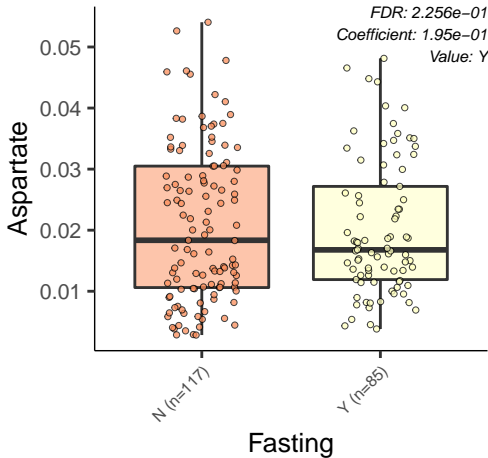


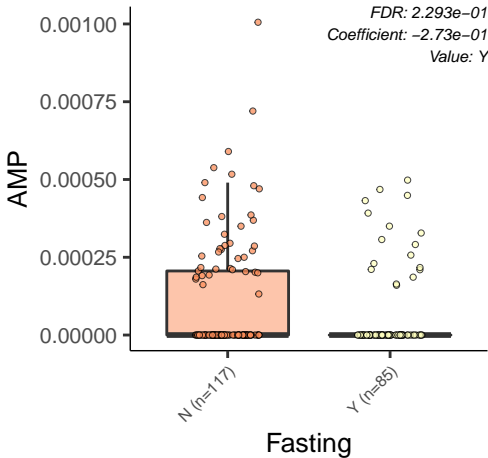
Methylglutarate











Methylmalonate

0.02

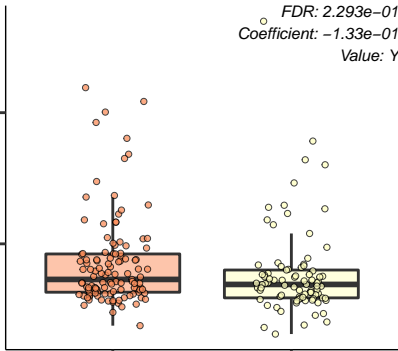
0.01

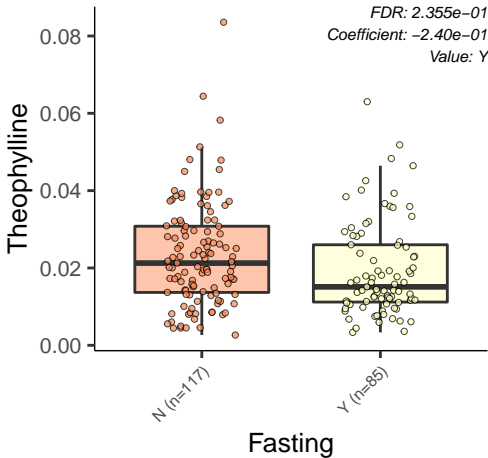
FDR: 2.293e-01
Coefficient: -1.33e-01
Value: Y

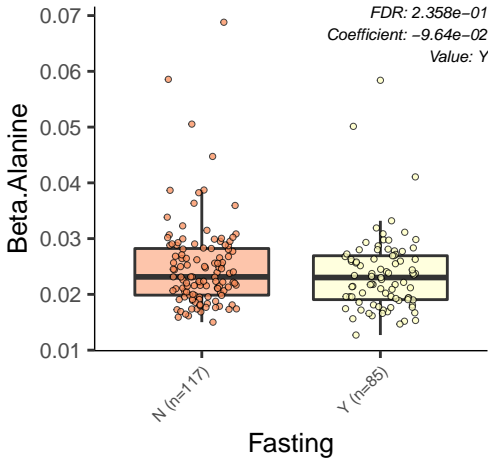
N (n=117)

Y (n=85)

Fasting







Butyryl.carnitine

FDR: 2.362e-01
Coefficient: -1.38e-01
Value: Y

N (n=117)

Y (n=85)

Fasting

