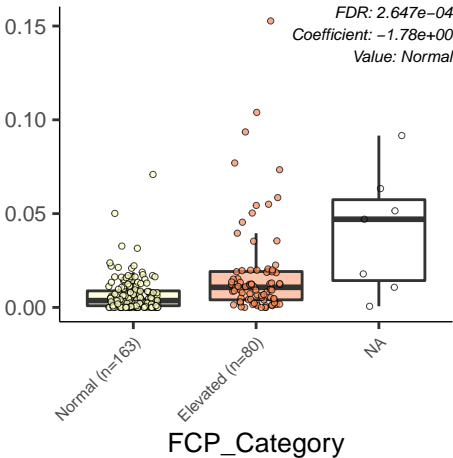
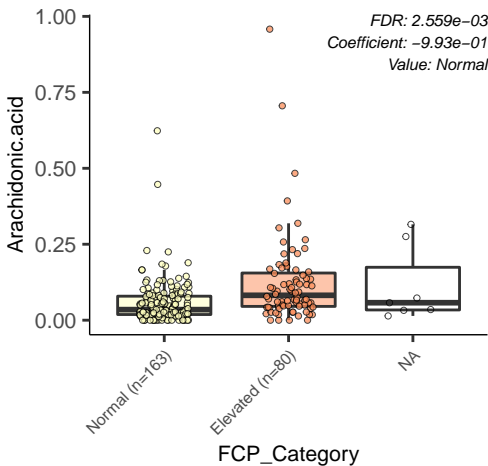


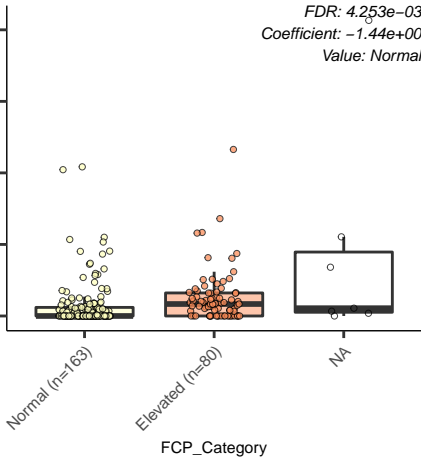
Nervonic.acid

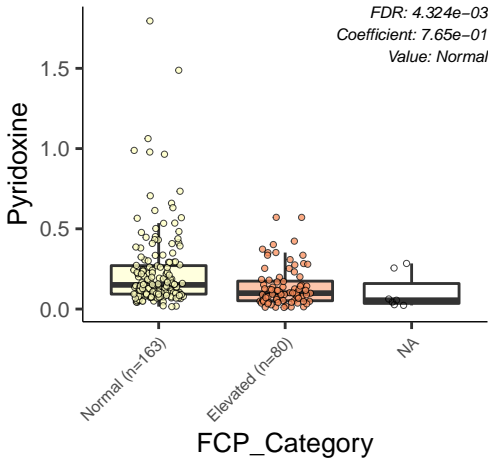




all.cis.4.7.10.13.16.Docosapentaenoic.acid

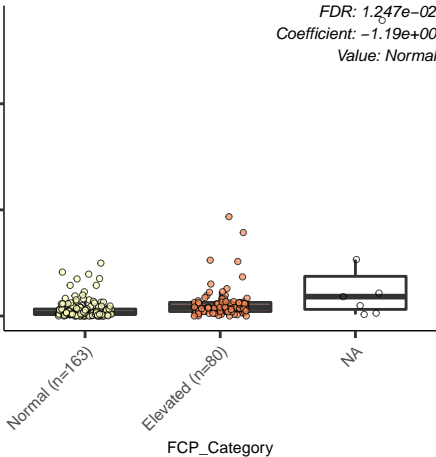
FDR:  $4.253e-03$   
Coefficient:  $-1.44e+00$   
Value: Normal





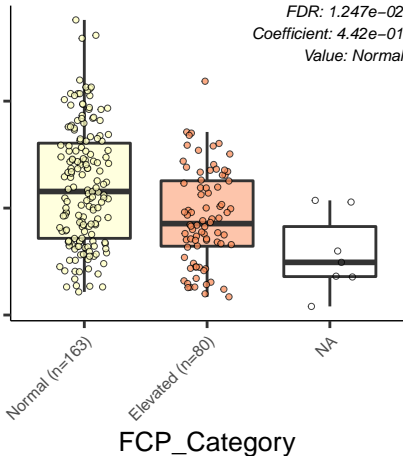
X5.Z.8.Z..11.Z..Eicosatrienoic.Acid

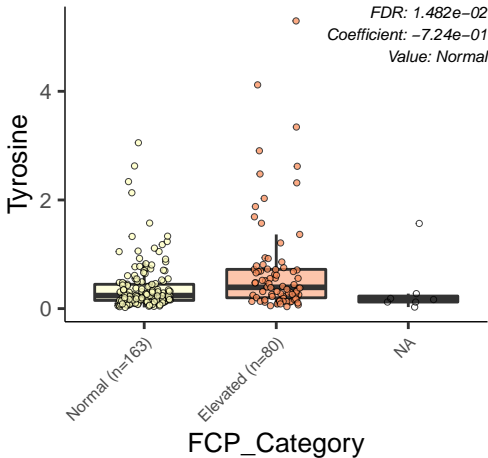
FDR:  $1.247e-02$   
Coefficient:  $-1.19e+00$   
Value: Normal



N.Acetylglycine

*FDR: 1.247e-02*  
*Coefficient: 4.42e-01*  
*Value: Normal*

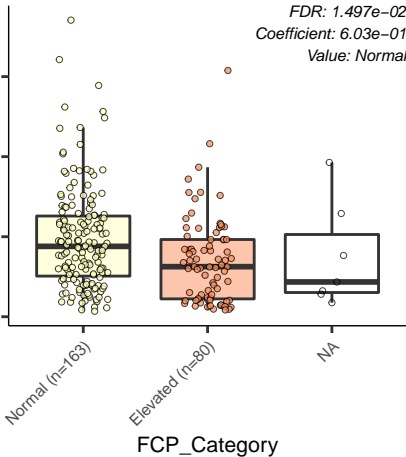






X6.Carboxyhexanoate

*FDR: 1.497e-02*  
*Coefficient: 6.03e-01*  
*Value: Normal*



Glucosamine

*FDR: 1.827e-02*  
*Coefficient: 7.98e-01*  
*Value: Normal*

0.006

0.004

0.002

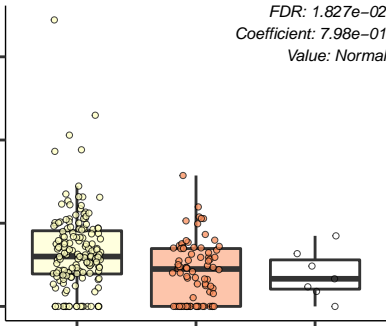
0.000

Normal (n=163)

Elevated (n=80)

NA

FCP\_Category



Methylarginine

*FDR: 3.251e-02*

*Coefficient: -9.92e-01*

*Value: Normal*

0.015

0.010

0.005

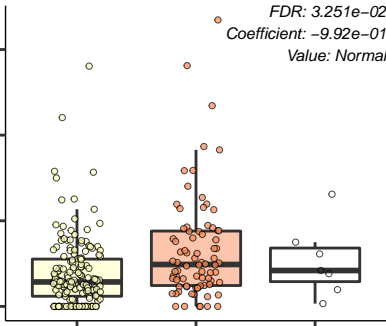
0.000

Normal (n=163)

Elevated (n=80)

NA

FCP\_Category

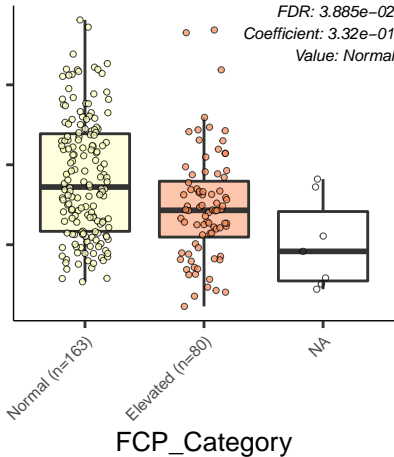


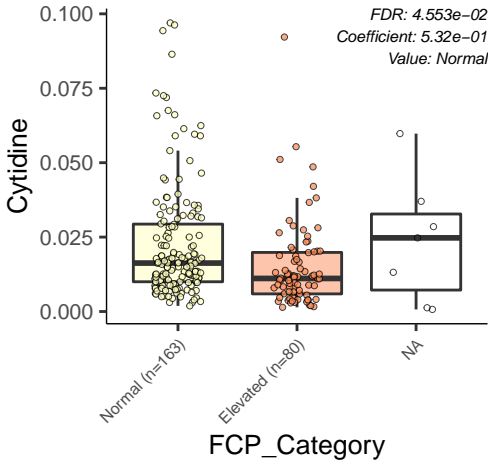
Methylmalonate

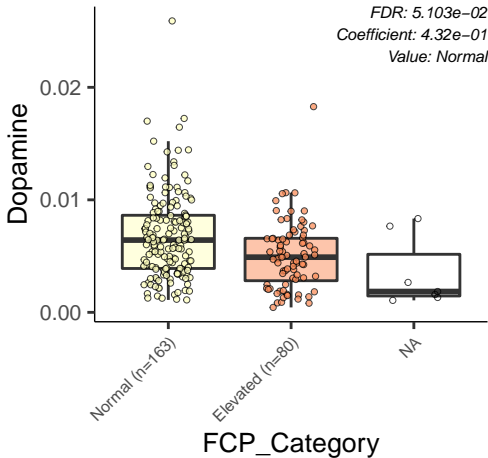
*FDR: 3.885e-02*

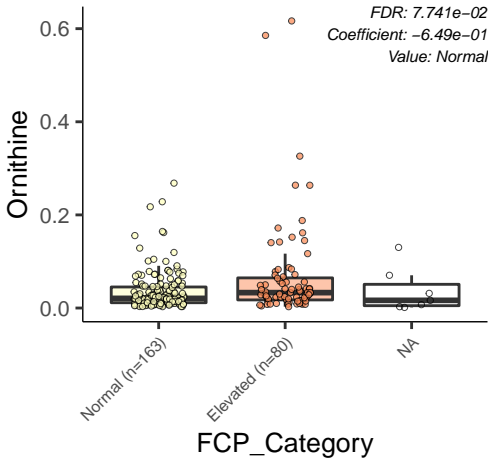
*Coefficient: 3.32e-01*

*Value: Normal*



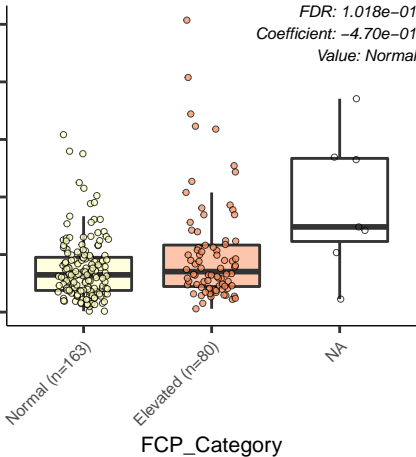




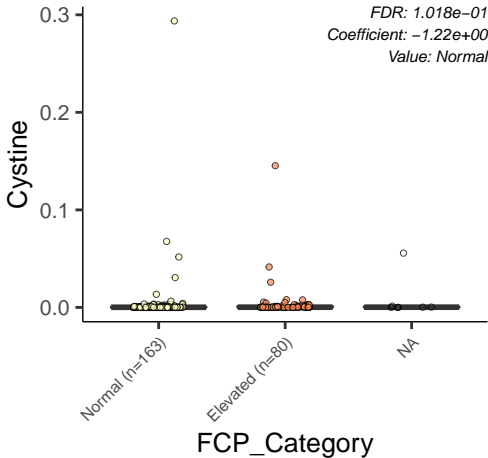


cis.11.Eicosenoic.acid

FDR: 1.018e-01  
Coefficient: -4.70e-01  
Value: Normal

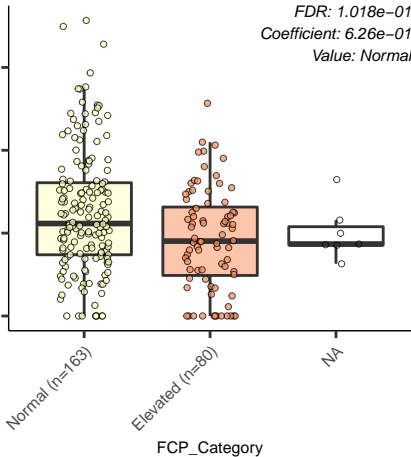






Didecanoyl.Glycerophosphocholine

*FDR: 1.018e-01*  
*Coefficient: 6.26e-01*  
*Value: Normal*



Glycolate

*FDR: 1.018e-01*  
*Coefficient: 3.29e-01*  
*Value: Normal*

12

8

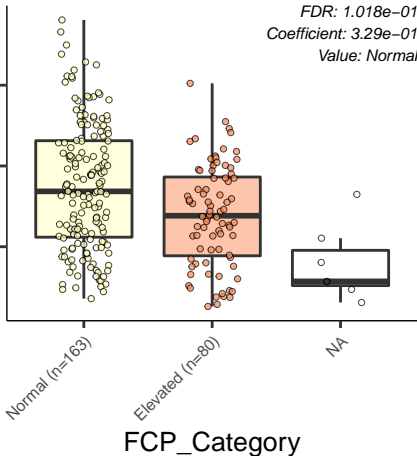
4

Normal (n=163)

Elevated (n=80)

NA

FCP\_Category



N.Acetylleucine

*FDR: 1.018e-01*  
*Coefficient: -5.08e-01*  
*Value: Normal*

0.2

0.1

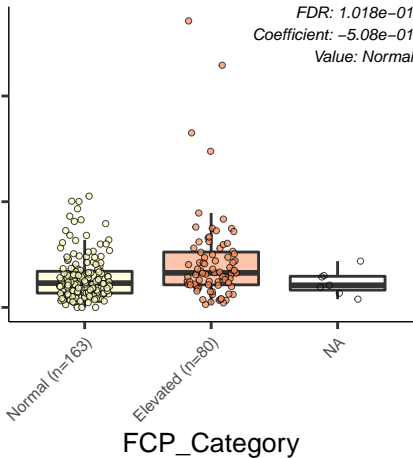
0.0

Normal (n=163)

Elevated (n=80)

NA

FCP\_Category



Phenylalanine

*FDR: 1.018e-01*  
*Coefficient: -6.70e-01*  
*Value: Normal*

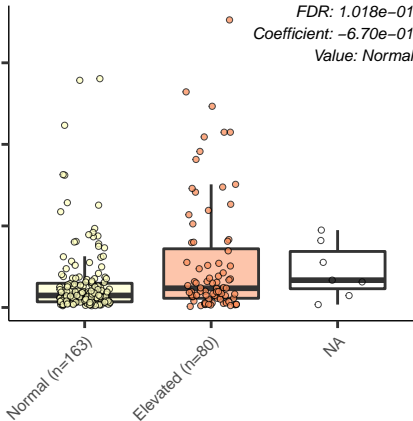
7.5  
5.0  
2.5  
0.0

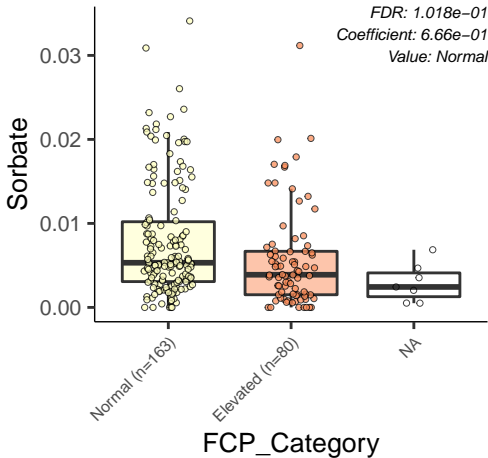
Normal (n=163)

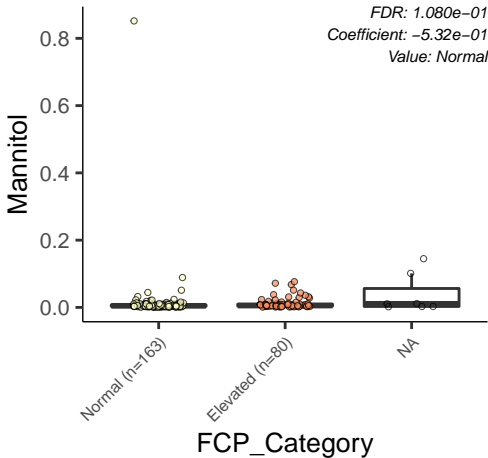
Elevated (n=80)

NA

FCP\_Category







X3..4.Hydroxyphenyl.Pyruvate

*FDR: 1.228e-01*  
*Coefficient: 4.18e-01*  
*Value: Normal*

1.0

0.5

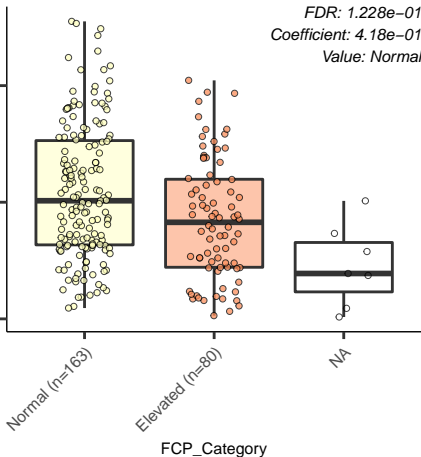
0.0

Normal (n=163)

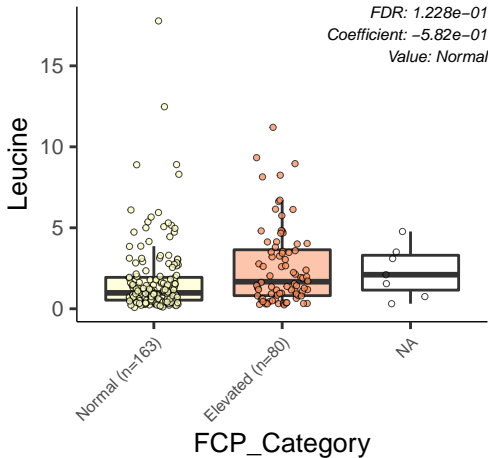
Elevated (n=80)

NA

FCP\_Category





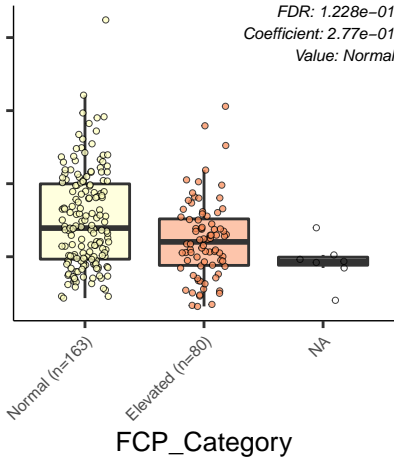


P.Octopamine

*FDR: 1.228e-01*

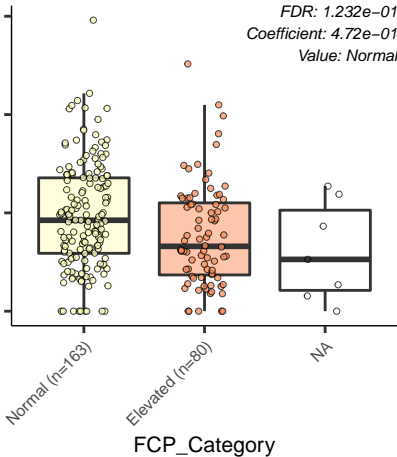
*Coefficient: 2.77e-01*

*Value: Normal*



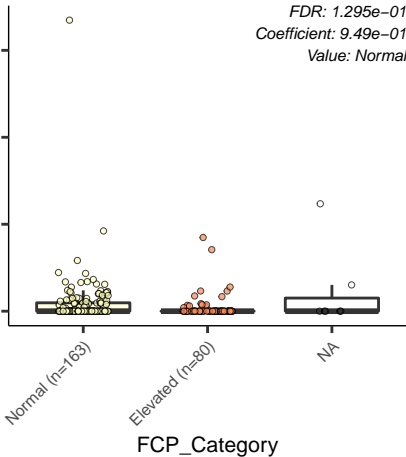
X2.4.Dihydroxypteridine

FDR: 1.232e-01  
Coefficient: 4.72e-01  
Value: Normal



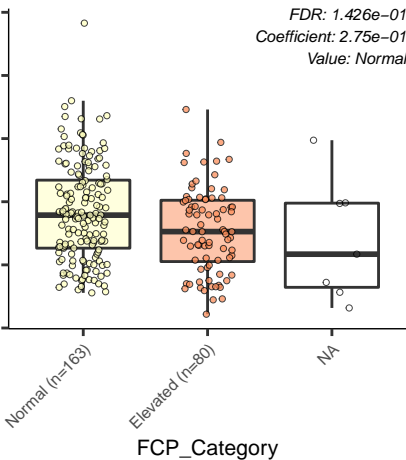
N.Carbamoyl.L.aspartate

*FDR: 1.295e-01*  
*Coefficient: 9.49e-01*  
*Value: Normal*



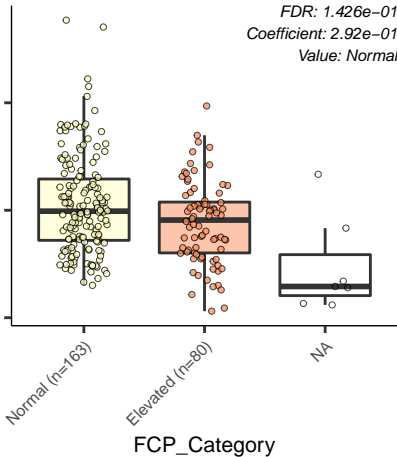
X4.Hydroxybenzaldehyde

*FDR: 1.426e-01*  
*Coefficient: 2.75e-01*  
*Value: Normal*



X6.Hydroxynicotinate

*FDR: 1.426e-01*  
*Coefficient: 2.92e-01*  
*Value: Normal*



Docosahexaenoic.acid

*FDR: 1.426e-01*  
*Coefficient: -1.02e+00*  
*Value: Normal*

0.4

0.2

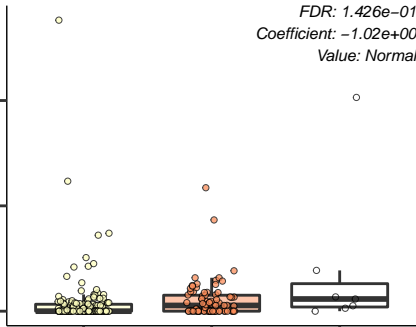
0.0

Normal (n=163)

Elevated (n=80)

NA

FCP\_Category



Glucosamine.6.Phosphate

0.009  
0.006  
0.003  
0.000

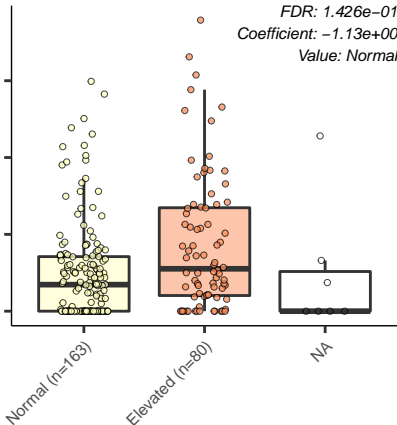
Normal (n=163)

Elevated (n=80)

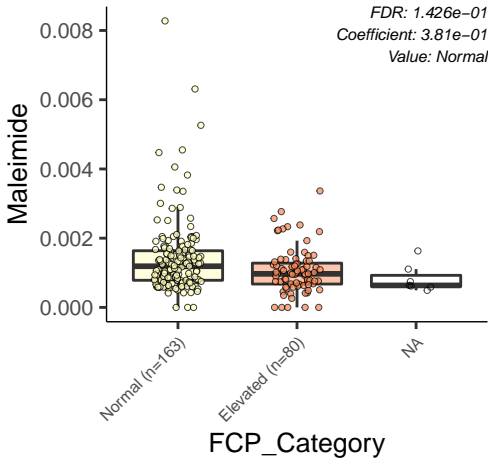
NA

FCP\_Category

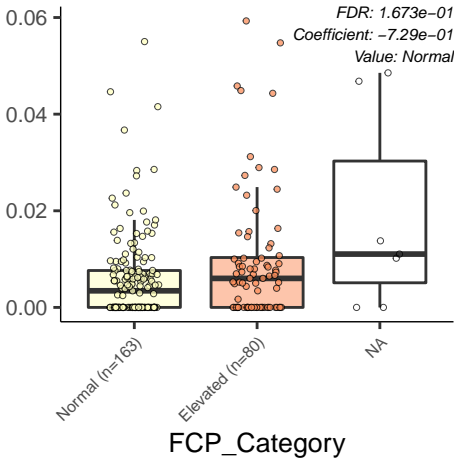
*FDR: 1.426e-01*  
*Coefficient: -1.13e+00*  
*Value: Normal*

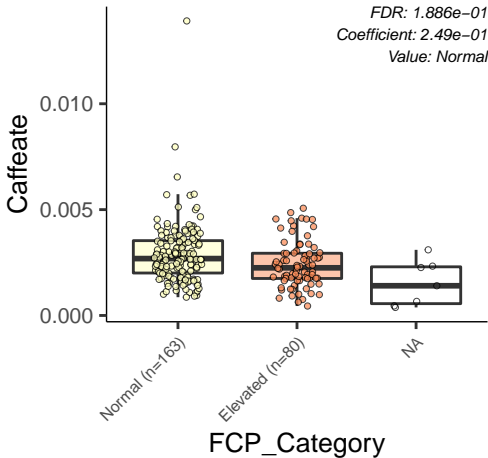


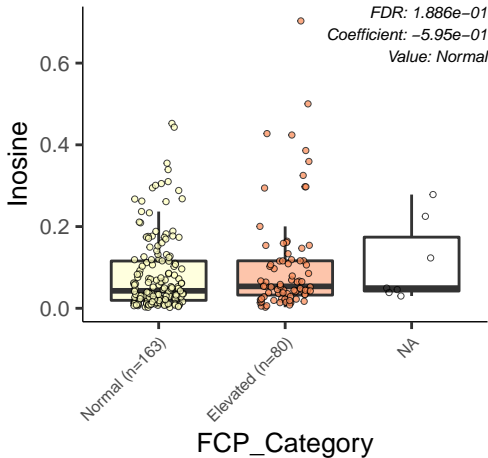


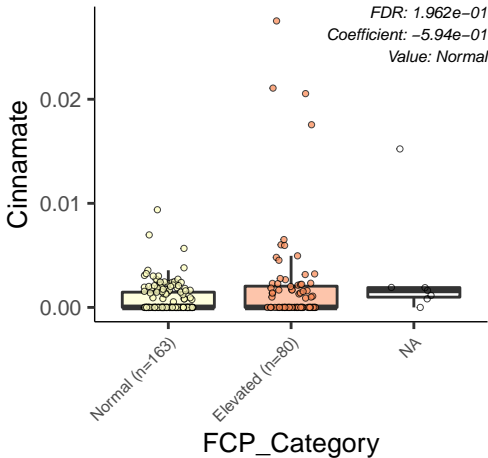


Dethiobiotin



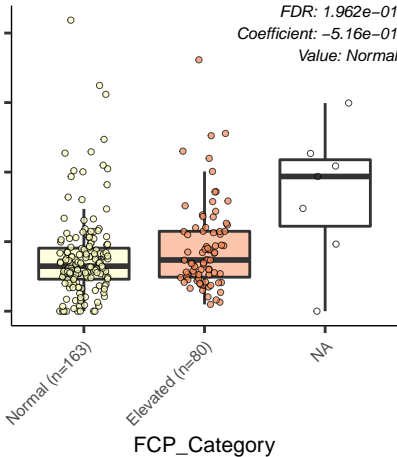






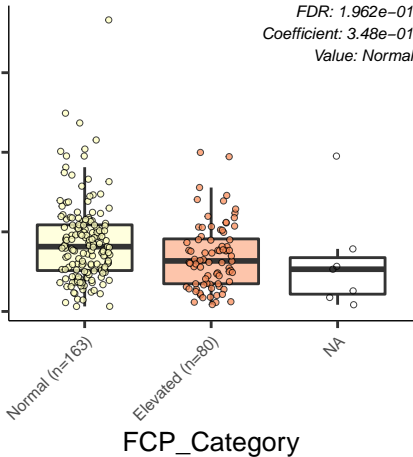
cis.10.Nonadecenoic.acid

FDR: 1.962e-01  
Coefficient: -5.16e-01  
Value: Normal



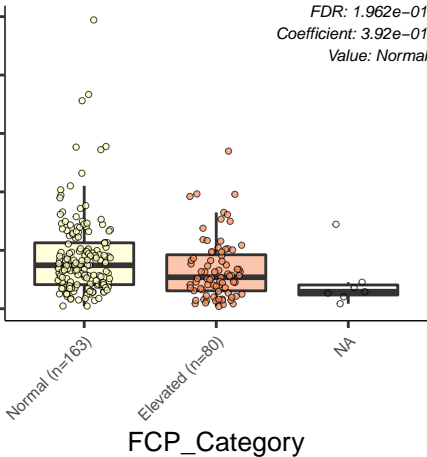
Decanoic.acid

*FDR: 1.962e-01*  
*Coefficient: 3.48e-01*  
*Value: Normal*



Heptanoic.acid

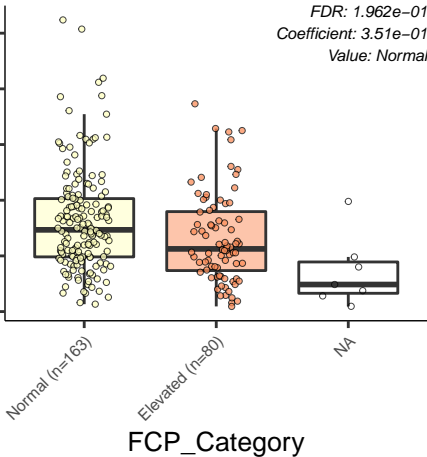
FDR: 1.962e-01  
Coefficient: 3.92e-01  
Value: Normal

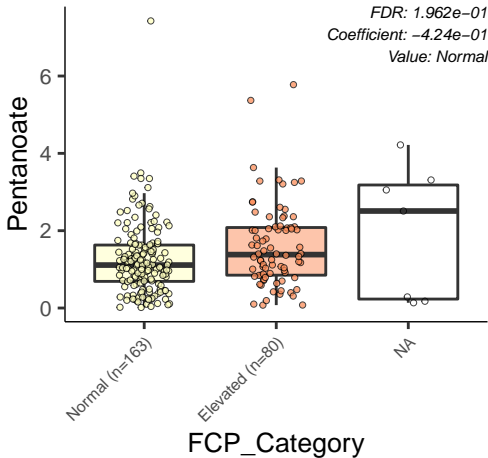




Nonanoic.acid

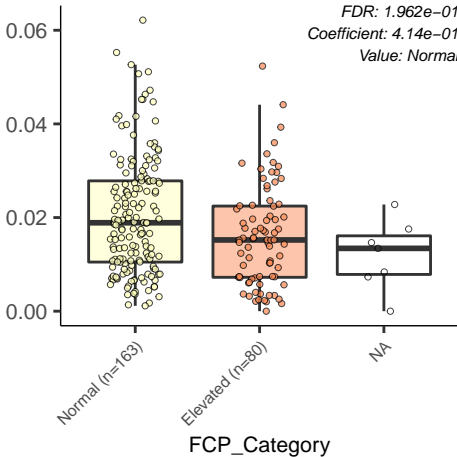
*FDR: 1.962e-01*  
*Coefficient: 3.51e-01*  
*Value: Normal*

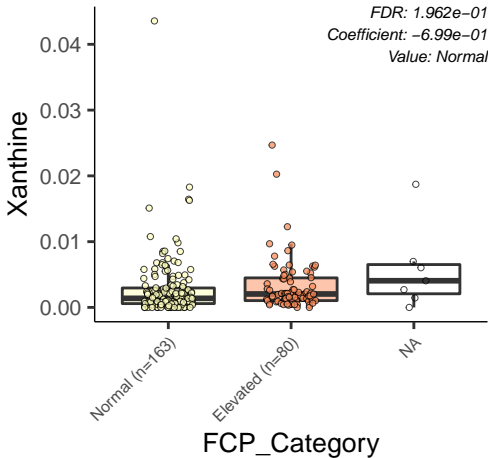


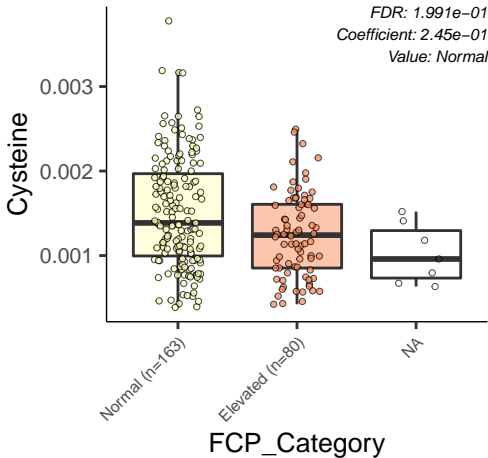


trans.3.Hexenoic.acid

*FDR: 1.962e-01*  
*Coefficient: 4.14e-01*  
*Value: Normal*

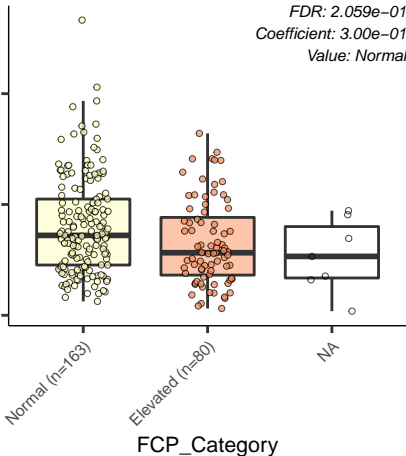






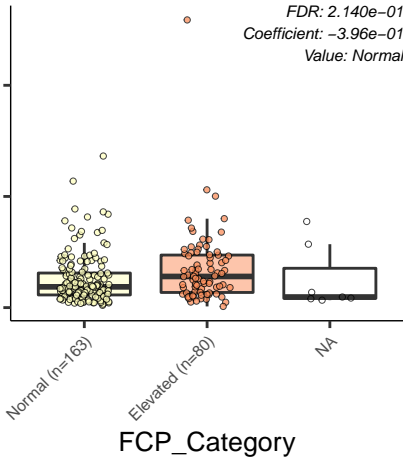
X3.Methylglutaconate

*FDR: 2.059e-01*  
*Coefficient: 3.00e-01*  
*Value: Normal*



Galactosamine

*FDR: 2.140e-01*  
*Coefficient: -3.96e-01*  
*Value: Normal*



Methyl.Galactoside

*FDR: 2.143e-01*  
*Coefficient: 2.25e-01*  
*Value: Normal*

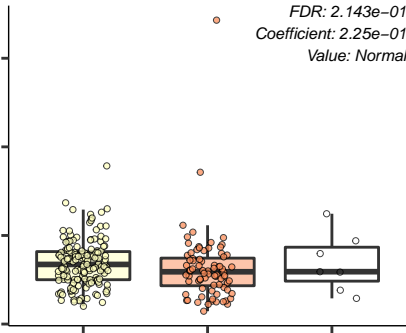
Normal (n=163)

Elevated (n=80)

NA

FCP\_Category

0.00  
0.01  
0.02  
0.03





trans.trans.Muconic.acid

0.008

0.006

0.004

0.002

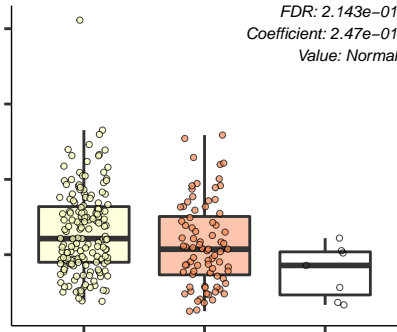
Normal (n=163)

Elevated (n=80)

NA

FCP\_Category

FDR: 2.143e-01  
Coefficient: 2.47e-01  
Value: Normal

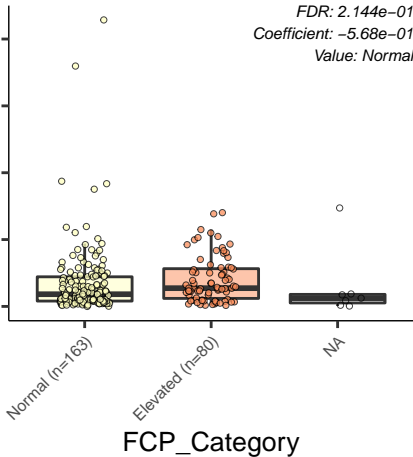


Sphinganine

*FDR: 2.144e-01*

*Coefficient: -5.68e-01*

*Value: Normal*



X3.Hydroxybenzyl.Alcohol

*FDR: 2.185e-01*  
*Coefficient: 3.02e-01*  
*Value: Normal*

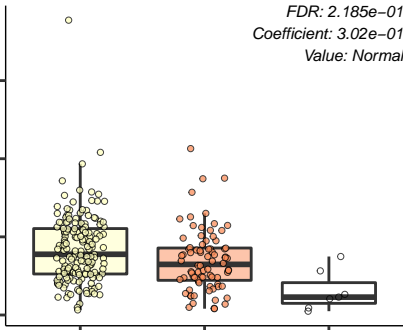
0.15  
0.10  
0.05  
0.00

Normal (n=163)

Elevated (n=80)

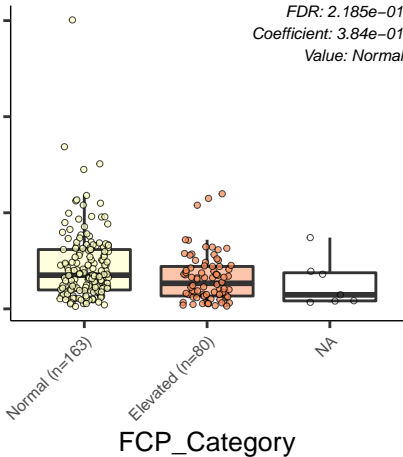
NA

FCP\_Category



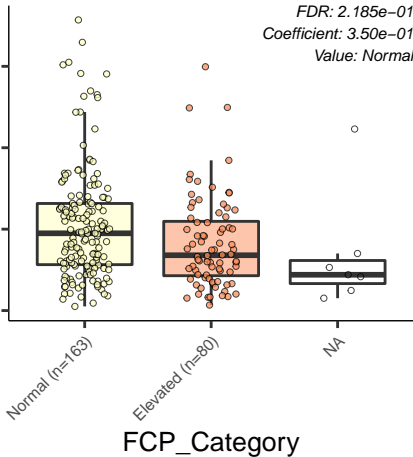
X4.Pyridoxate

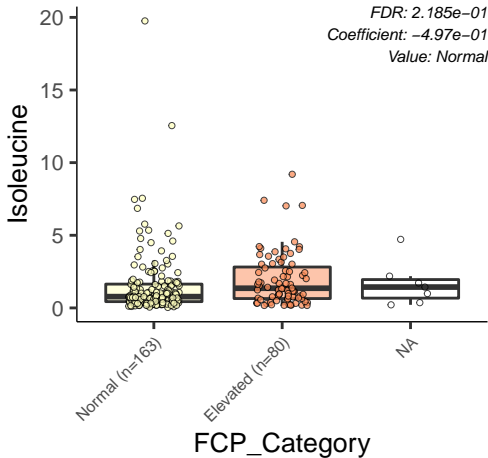
*FDR: 2.185e-01*  
*Coefficient: 3.84e-01*  
*Value: Normal*



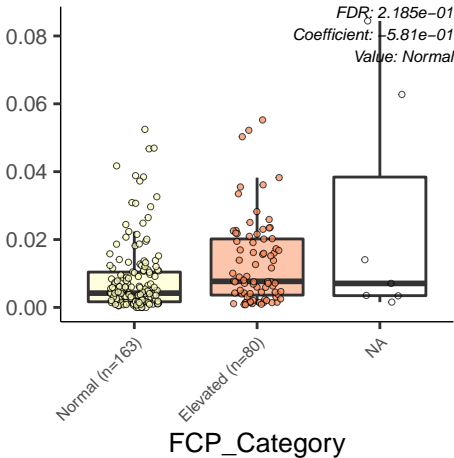
Crotonic.acid

*FDR: 2.185e-01*  
*Coefficient: 3.50e-01*  
*Value: Normal*



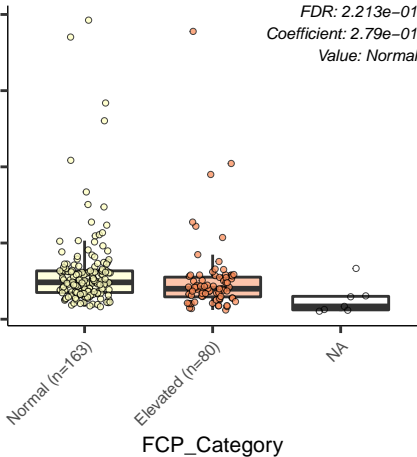


methyI.lysine

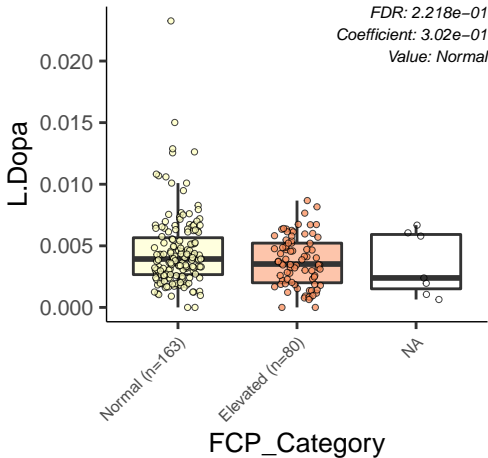


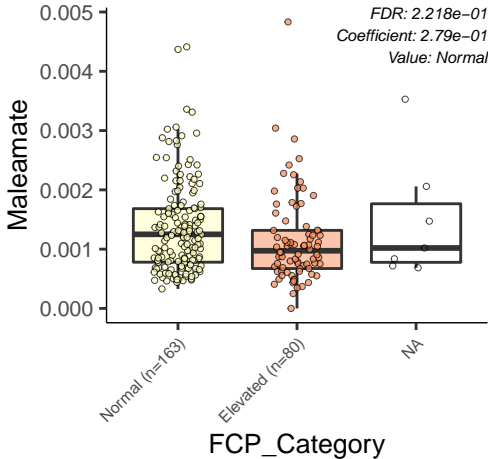
Methyl.4.Aminobutyrate

*FDR: 2.213e-01*  
*Coefficient: 2.79e-01*  
*Value: Normal*









Octanoic.acid

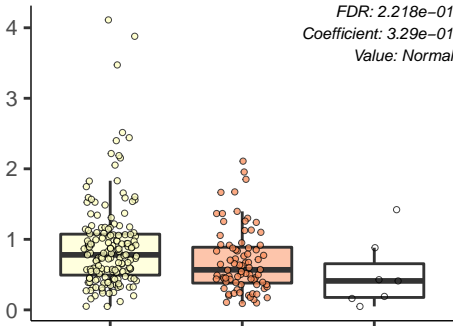
*FDR: 2.218e-01*  
*Coefficient: 3.29e-01*  
*Value: Normal*

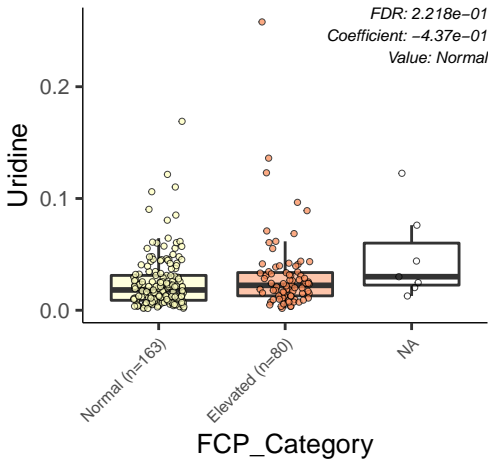
Normal (n=163)

Elevated (n=80)

NA

FCP\_Category





Dimethylglycine

*FDR: 2.241e-01*  
*Coefficient: 2.36e-01*  
*Value: Normal*

0.2

0.1

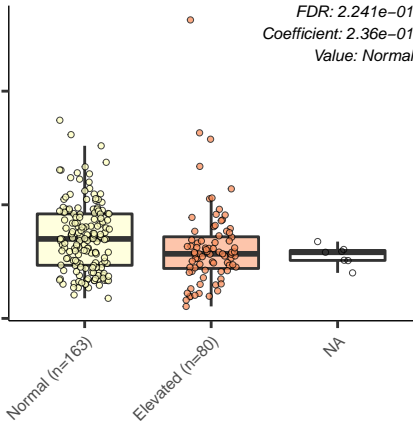
0.0

Normal (n=163)

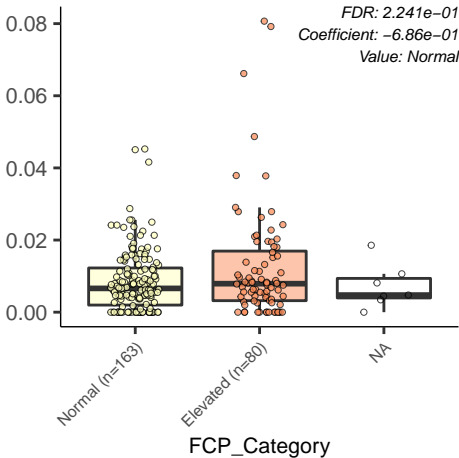
Elevated (n=80)

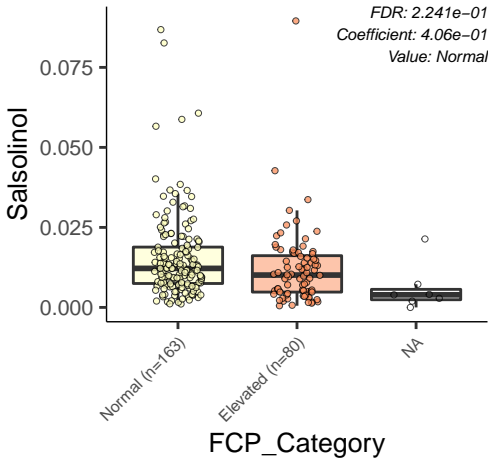
NA

FCP\_Category



N.Acetylphenylalanine



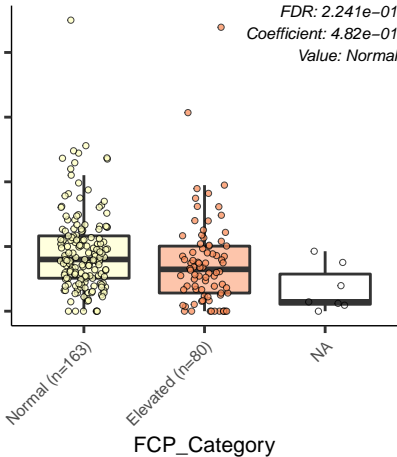


Indoxyl.Glucoside

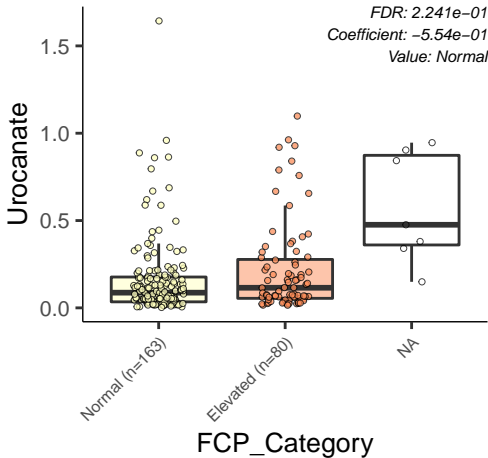
*FDR: 2.241e-01*

*Coefficient: 4.82e-01*

*Value: Normal*

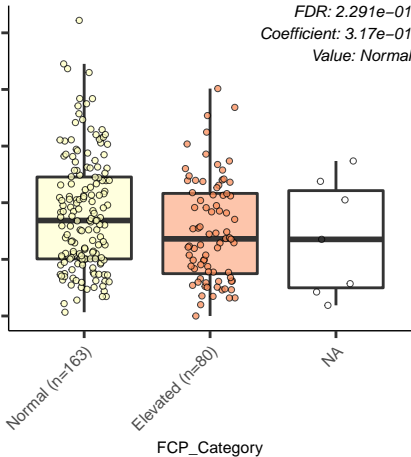






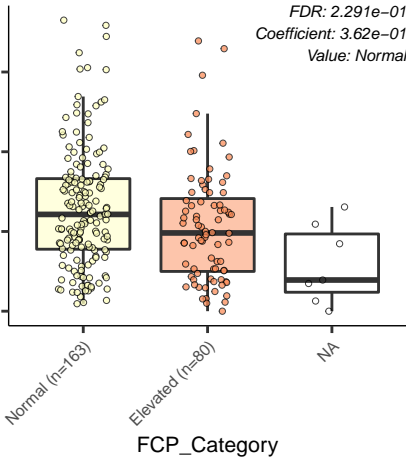
X3.Methoxy.4.Hydroxymandelate

*FDR: 2.291e-01*  
*Coefficient: 3.17e-01*  
*Value: Normal*



X9.Decenoic.acid

*FDR: 2.291e-01*  
*Coefficient: 3.62e-01*  
*Value: Normal*

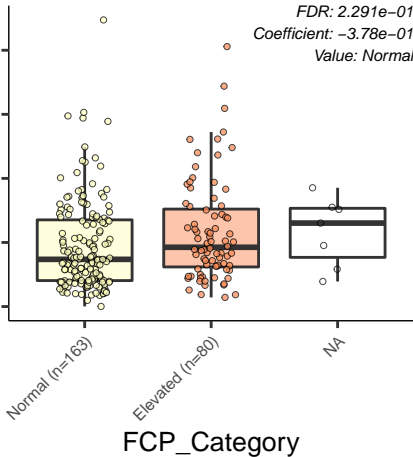


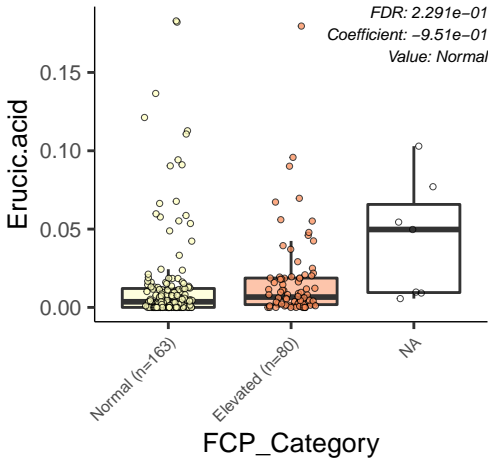
Beta.Alanine

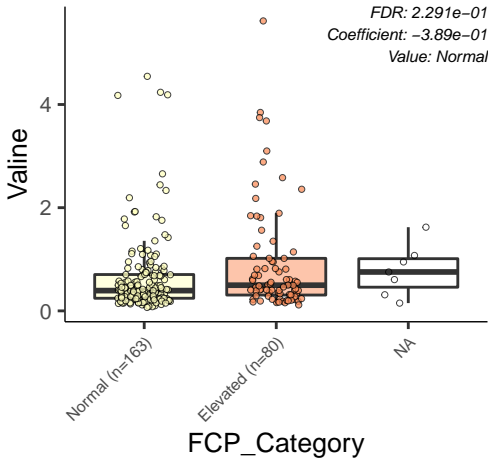
*FDR: 2.291e-01*

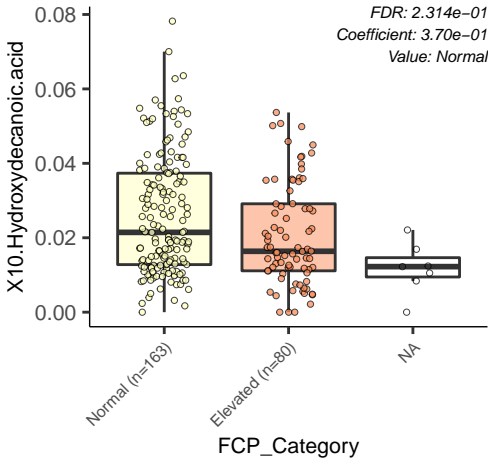
*Coefficient: -3.78e-01*

*Value: Normal*



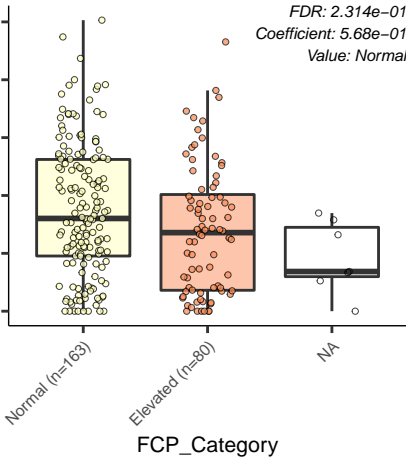






cis.5.Dodecenoic.acid

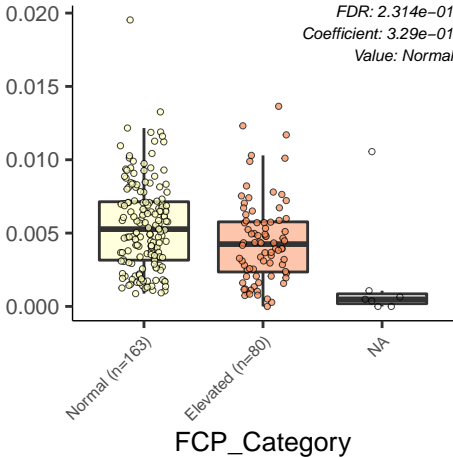
FDR: 2.314e-01  
Coefficient: 5.68e-01  
Value: Normal





Diethanolamine

*FDR: 2.314e-01*  
*Coefficient: 3.29e-01*  
*Value: Normal*



Glucuronolactone

*FDR: 2.314e-01*  
*Coefficient: 4.98e-01*  
*Value: Normal*

