

Thymidine

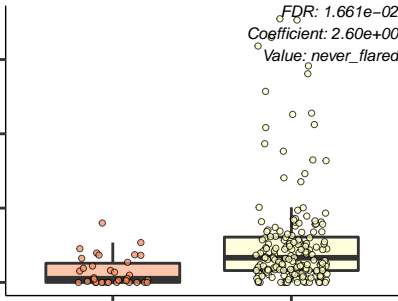
0.09  
0.06  
0.03  
0.00

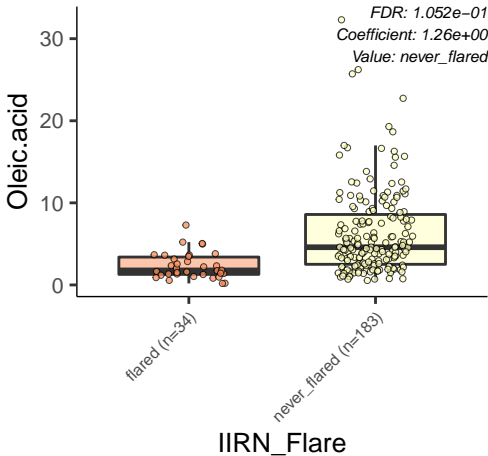
flared (n=34)

never\_flared (n=183)

IIRN\_Flare

FDR: 1.661e-02  
Coefficient: 2.60e+00  
Value: never\_flared





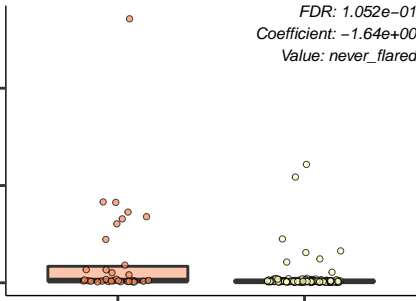
Succinic.Acid

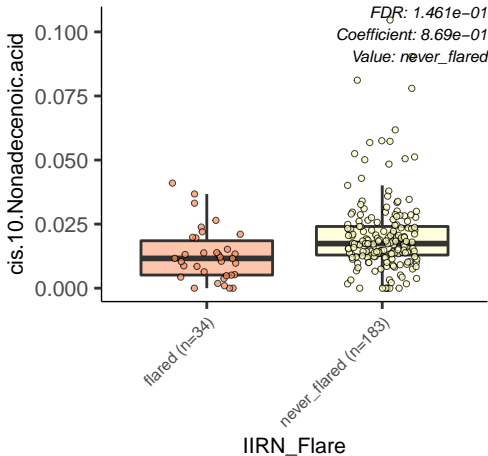
*FDR: 1.052e-01*  
*Coefficient: -1.64e+00*  
*Value: never\_flared*

flared (n=34)

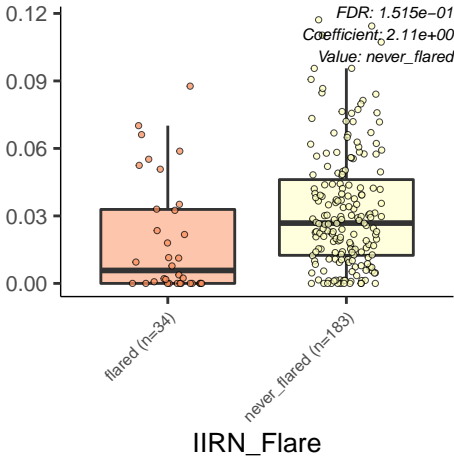
never\_flared (n=183)

IIRN\_Flare





Benzyl.Alcohol



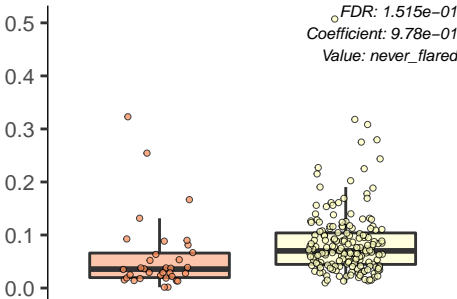
cis.11.Eicosenoic.acid

FDR: 1.515e-01  
Coefficient: 9.78e-01  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Methylguanidine

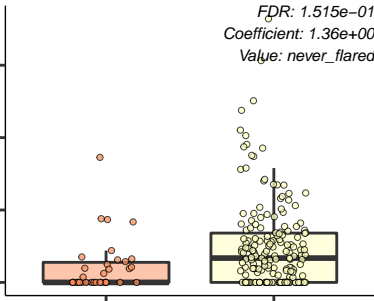
0.0075  
0.0050  
0.0025  
0.0000

flared (n=34)

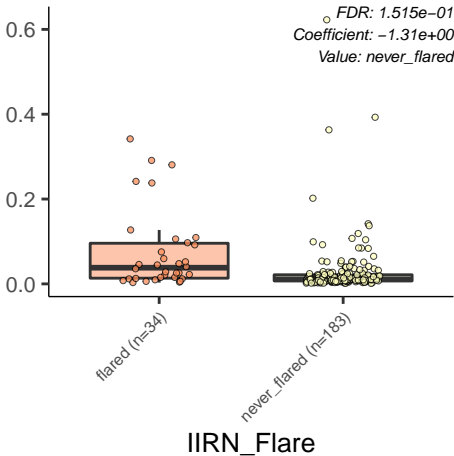
never\_flared (n=183)

IIRN\_Flare

FDR: 1.515e-01  
Coefficient: 1.36e+00  
Value: never\_flared



Trimethyllysine





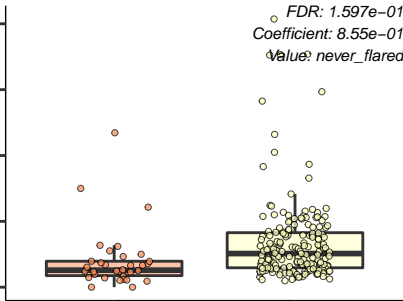
X5.Deoxyadenosine

FDR: 1.597e-01  
Coefficient: 8.55e-01  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



D.Sedoheptulose

FDR:  $1.597e-01$

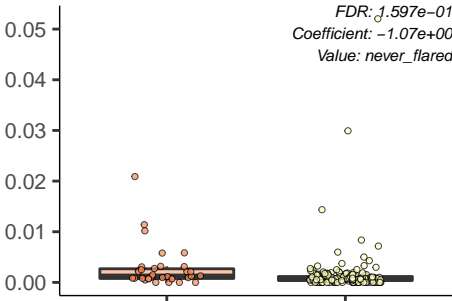
Coefficient:  $-1.07e+00$

Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Malonate

*FDR: 1.597e-01*

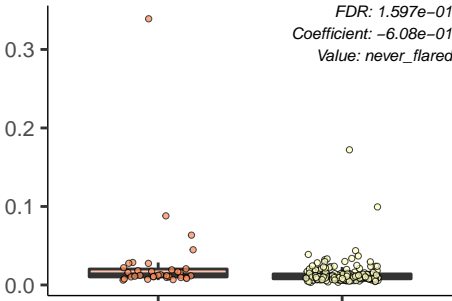
*Coefficient: -6.08e-01*

*Value: never\_flared*

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Pentadecanoic.acid

FDR: 1.597e-01

Coefficient: 1.00e+00

Value: never\_flared

2

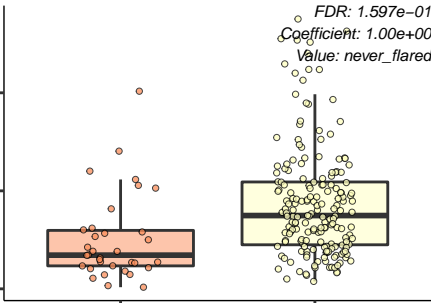
1

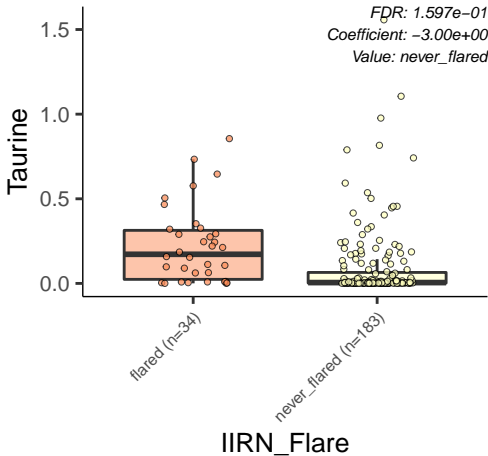
0

flared (n=34)

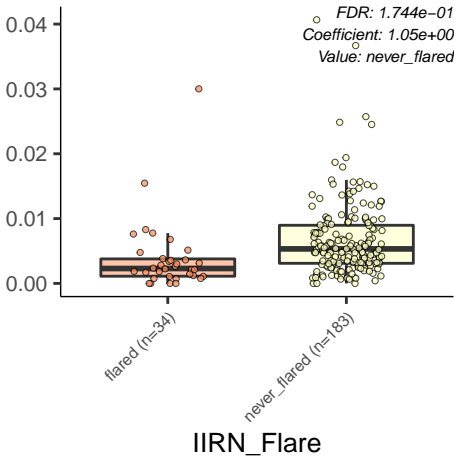
never\_flared (n=183)

IIRN\_Flare

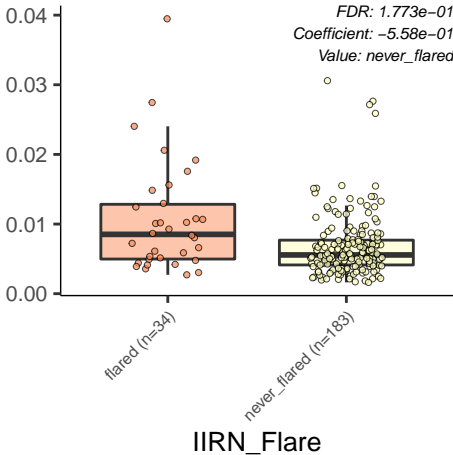




Kynurenate



Mesaconic.acid



X14.Methylhexadecanoic.acid

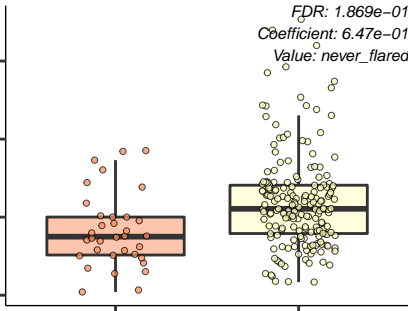
FDR: 1.869e-01  
Coefficient: 6.47e-01  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

0.00  
0.25  
0.50  
0.75





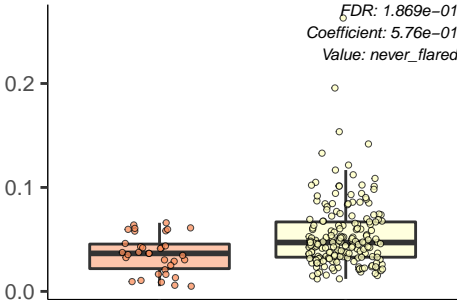
X4.Acetamidobutanoate

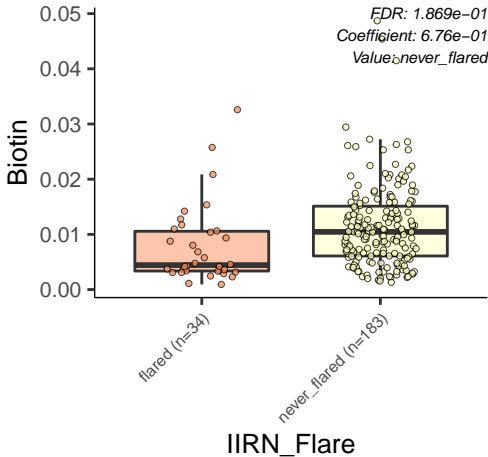
FDR: 1.869e-01  
Coefficient: 5.76e-01  
Value: never\_flared

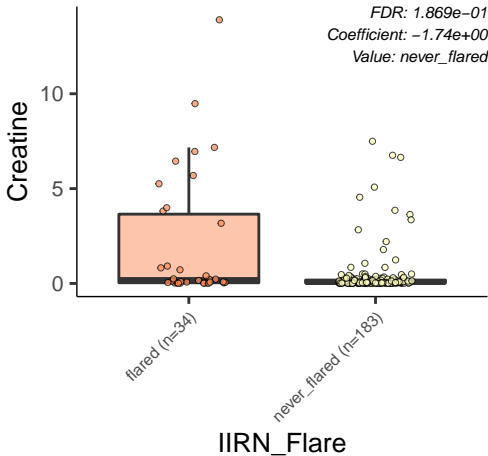
flared (n=34)

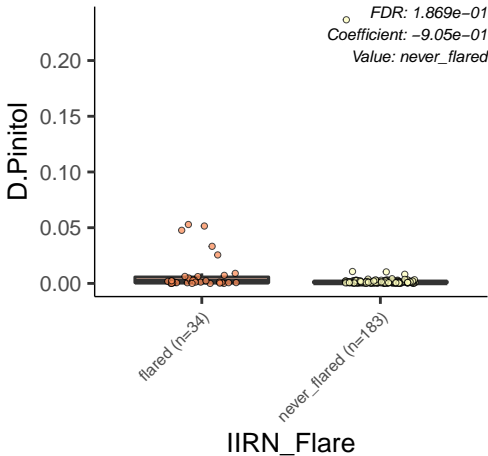
never\_flared (n=183)

IIRN\_Flare









Palmitoleic.acid

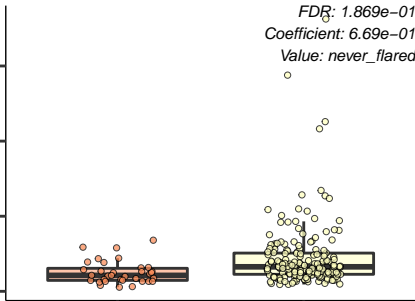
*FDR: 1.869e-01*  
*Coefficient: 6.69e-01*  
*Value: never\_flared*

1.5  
1.0  
0.5  
0.0

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Pentanoate

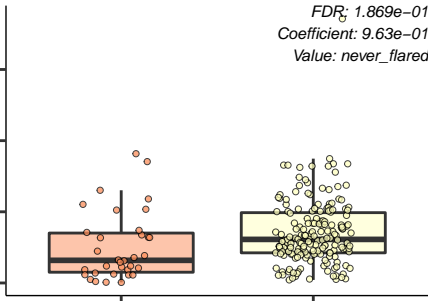
*FDR: 1.869e-01*  
*Coefficient: 9.63e-01*  
*Value: never\_flared*

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

6  
4  
2  
0



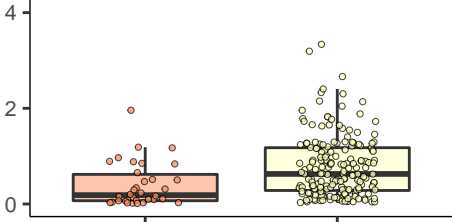
Pipecolate

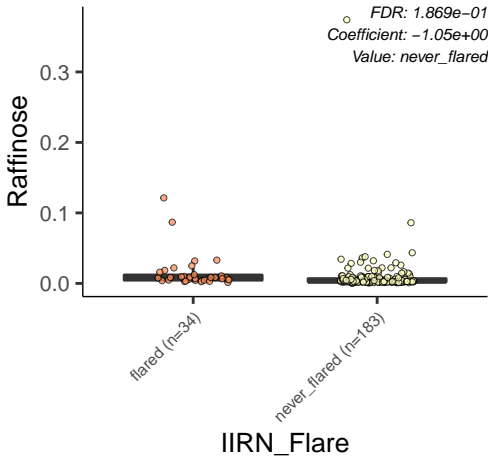
*FDR: 1.869e-01*  
*Coefficient: 1.35e+00*  
*Value: never\_flared*

flared (n=34)

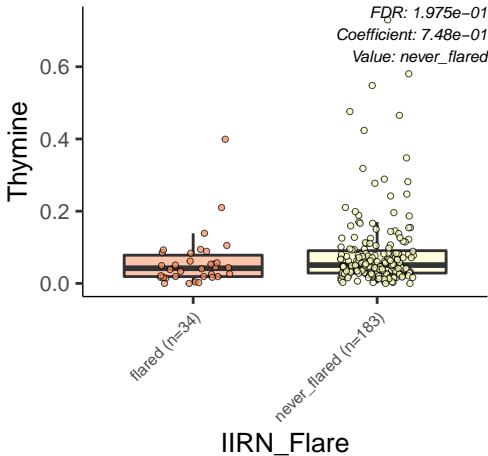
never\_flared (n=183)

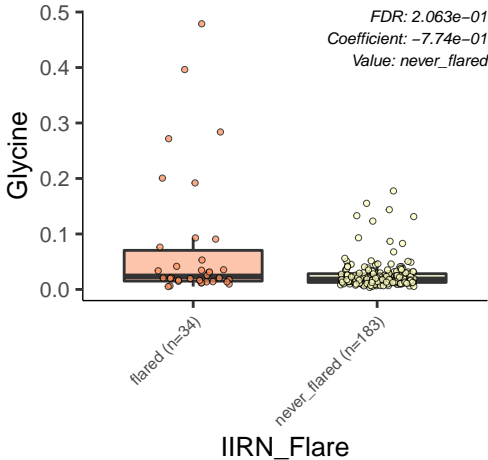
IIRN\_Flare











Myo.Inositol

0.10

0.05

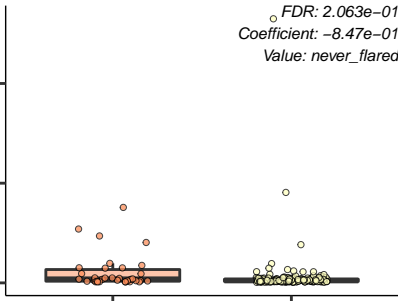
0.00

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

FDR: 2.063e-01  
Coefficient: -8.47e-01  
Value: never\_flared



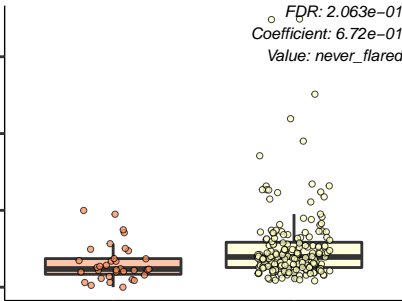
N.Acetylmethionine

*FDR: 2.063e-01*  
*Coefficient: 6.72e-01*  
*Value: never\_flared*

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Quinolinate

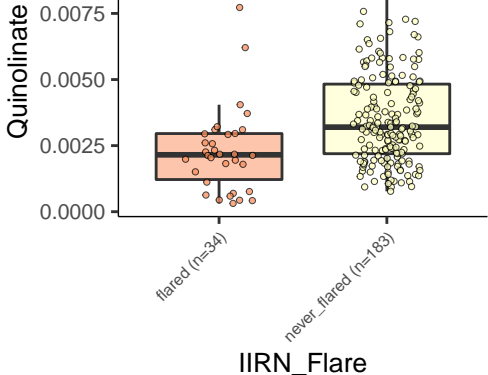
0.0100  
0.0075  
0.0050  
0.0025  
0.0000

flared (n=34)

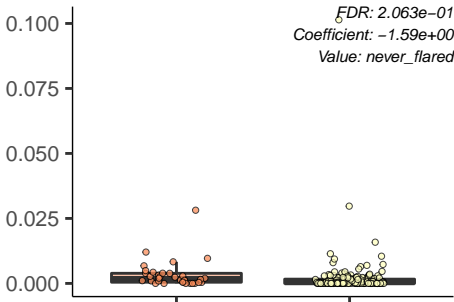
never\_flared (n=183)

IIRN\_Flare

FDR:  $2.063 \times 10^{-1}$   
Coefficient:  $6.61 \times 10^{-1}$   
Value: never\_flared



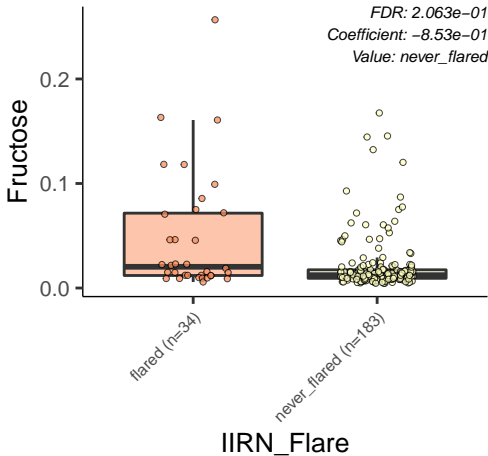
Stachyose



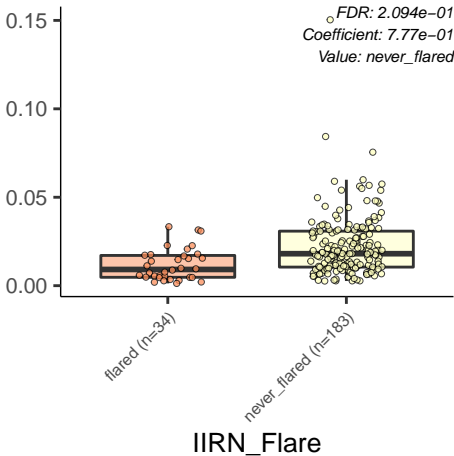
flared (n=34)

never\_flared (n=183)

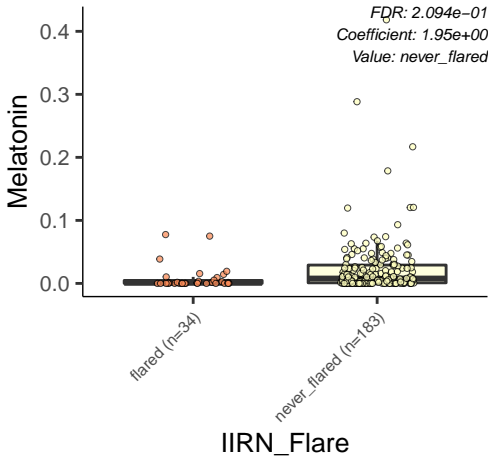
IIRN\_Flare



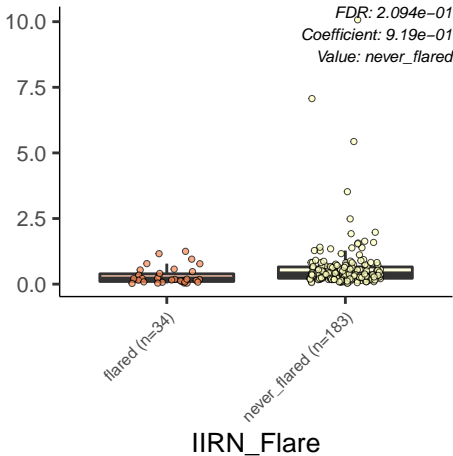
X4.Pyridoxate







Stachydrine



Ascorbic.acid

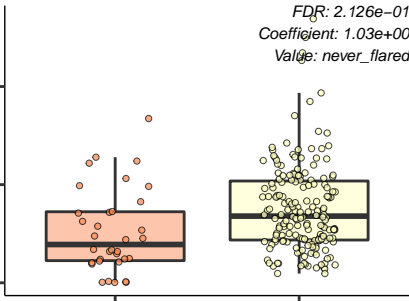
FDR: 2.126e-01  
Coefficient: 1.03e+00  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

1.0  
0.5  
0.0



Oxoglutarate

0.4

0.2

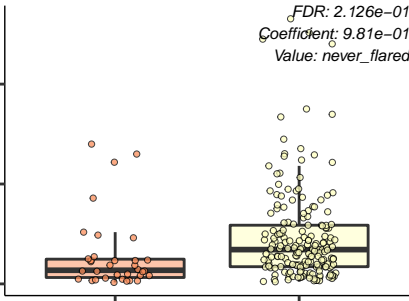
0.0

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

FDR:  $2.126 \times 10^{-1}$   
Coefficient:  $9.81 \times 10^{-1}$   
Value: never\_flared



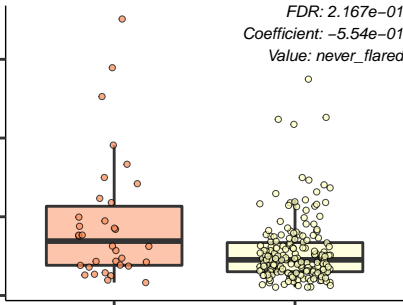
X2.hydroxyglutarate

*FDR: 2.167e-01*  
*Coefficient: -5.54e-01*  
*Value: never\_flared*

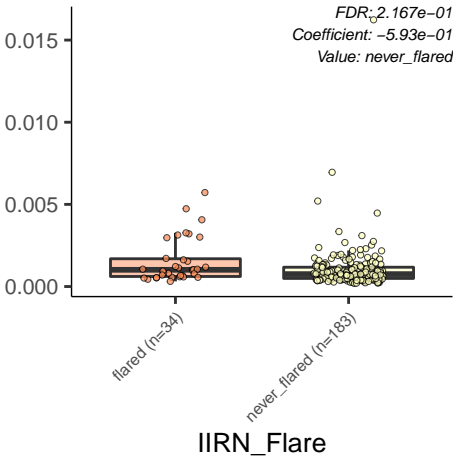
flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Hypotaaurine



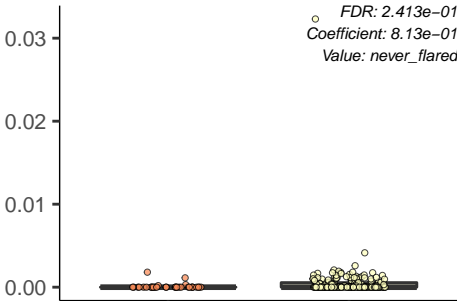
X3.Methoxytyramine

FDR:  $2.413 \times 10^{-1}$   
Coefficient:  $8.13 \times 10^{-1}$   
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



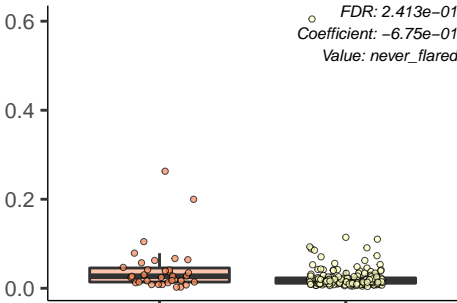
X4.Hydroxybenzoate

*FDR: 2.413e-01*  
*Coefficient: -6.75e-01*  
*Value: never\_flared*

flared (n=34)

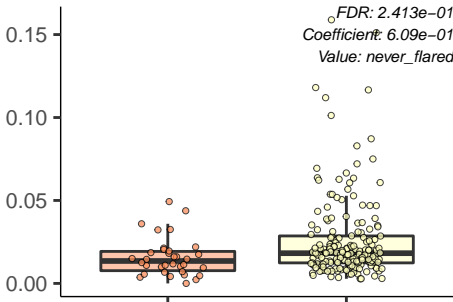
never\_flared (n=183)

IIRN\_Flare





Deoxyguanosine



flared (n=34)

never\_flared (n=183)

IIRN\_Flare

Erucic.acid

FDR: 2.413e-01  
Coefficient: 1.53e+00  
Value: never\_flared

0.15

0.10

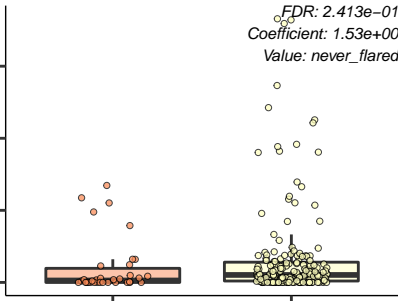
0.05

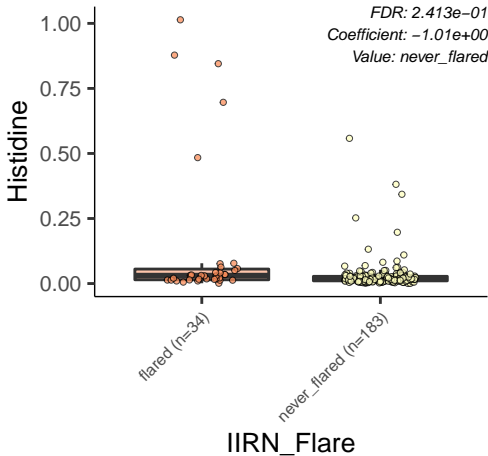
0.00

flared (n=34)

never\_flared (n=183)

IIRN\_Flare





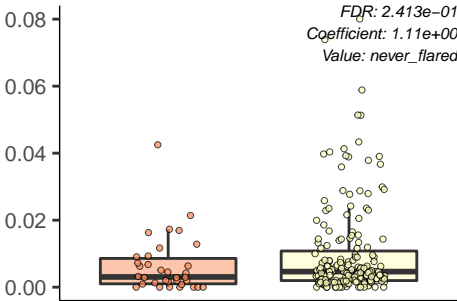
N.Formyl.L.Methionine

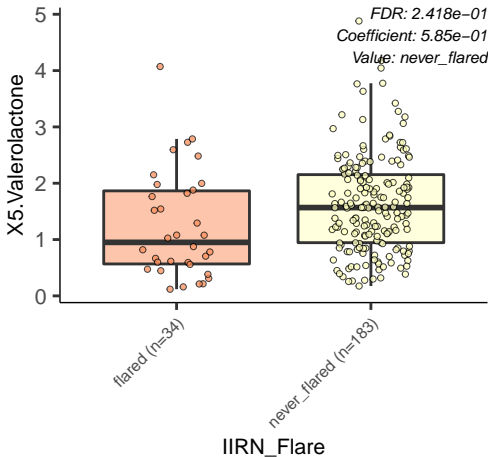
*FDR: 2.413e-01*  
*Coefficient: 1.11e+00*  
*Value: never\_flared*

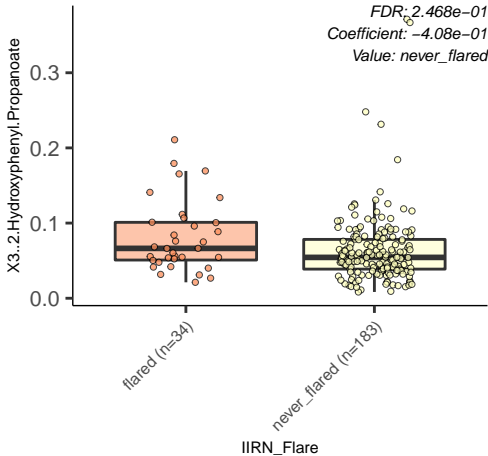
flared (n=34)

never\_flared (n=183)

IIRN\_Flare







X5.Methylcytosine

*FDR: 2.468e-01*

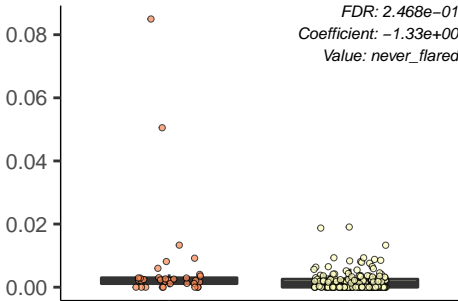
*Coefficient: -1.33e+00*

*Value: never\_flared*

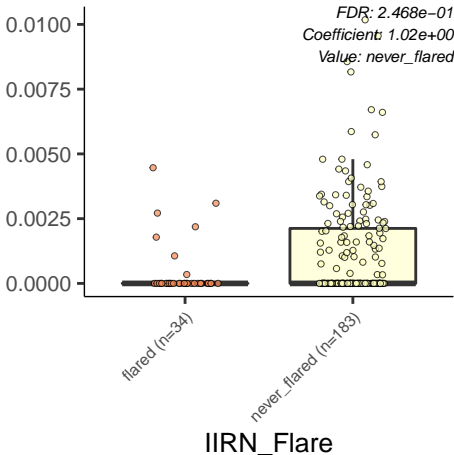
flared (n=34)

never\_flared (n=183)

IIRN\_Flare



Dihydrouracil





Guanidinoacetate

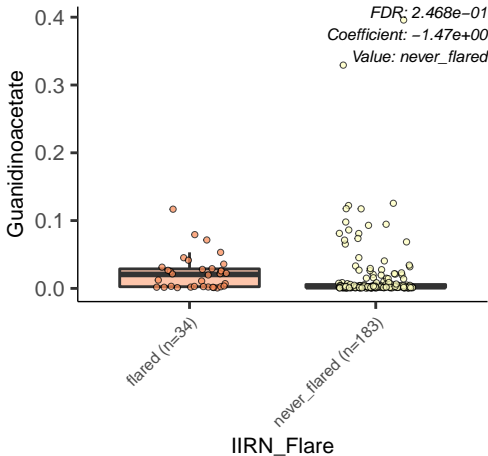
0.4  
0.3  
0.2  
0.1  
0.0

*FDR: 2.468e-01*  
*Coefficient: -1.47e+00*  
*Value: never\_flared*

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



N.Acetylasparagine

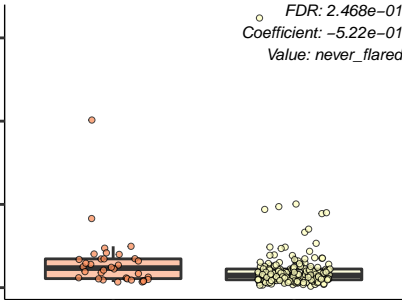
FDR: 2.468e-01  
Coefficient: -5.22e-01  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

0.15  
0.10  
0.05  
0.00



N.Acetylglutamate

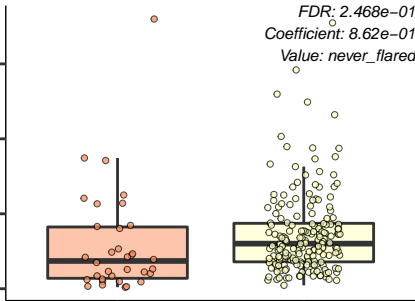
*FDR: 2.468e-01*  
*Coefficient: 8.62e-01*  
*Value: never\_flared*

flared (n=34)

never\_flared (n=183)

IIRN\_Flare

0.0  
0.3  
0.6  
0.9



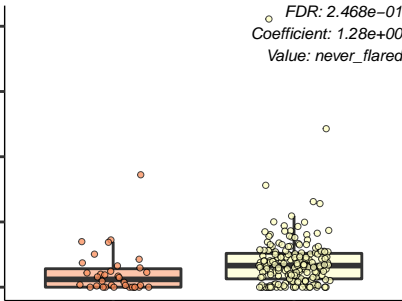
N.Acetylserotonin

FDR: 2.468e-01  
Coefficient: 1.28e+00  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare



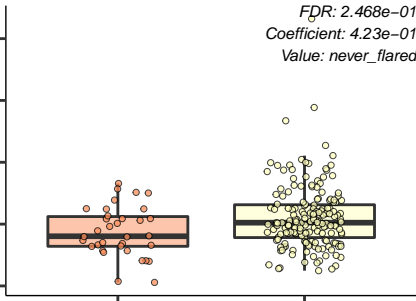
Palmitic.acid

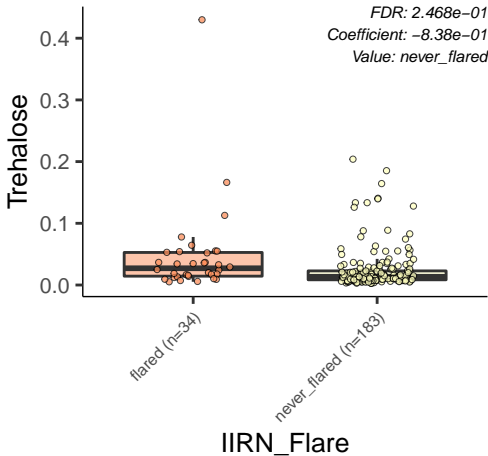
FDR: 2.468e-01  
Coefficient: 4.23e-01  
Value: never\_flared

flared (n=34)

never\_flared (n=183)

IIRN\_Flare





Urocanate

