

PYRIDOXSYN.PWY..pyridoxal.5..phosphate.biosynthesis

FDR: 1.958e-02  
Coefficient: 1.54e+00  
Value: DY

100

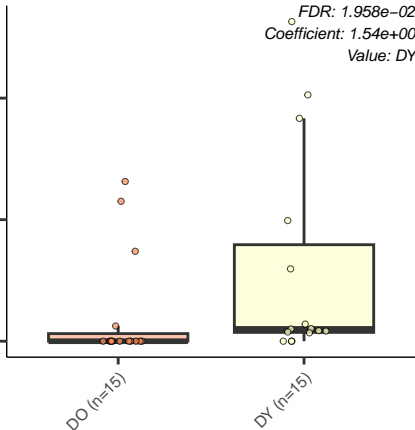
50

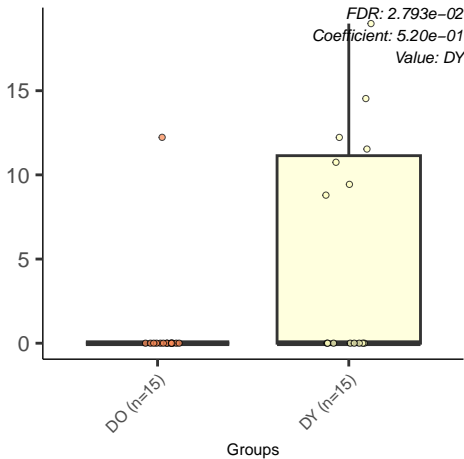
0

DO (n=15)

DY (n=15)

Groups





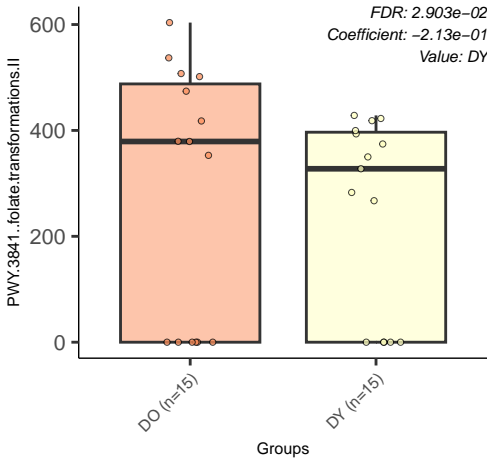
PWY.3841..folate.transformations.II

*FDR: 2.903e-02*  
*Coefficient: -2.13e-01*  
*Value: DY*

DO (n=15)

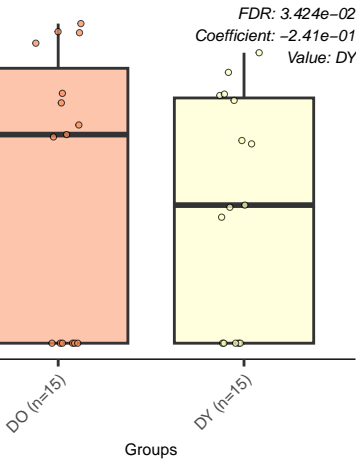
DY (n=15)

Groups

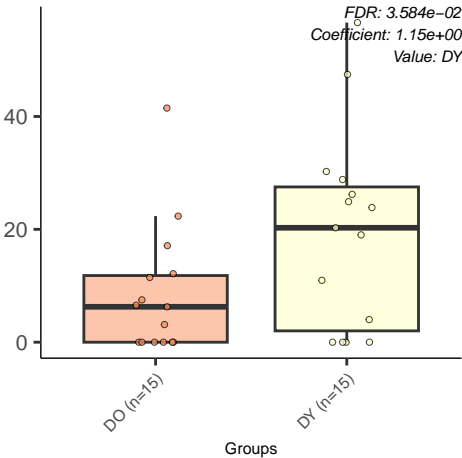




X1CMET2.PWY.\_N10.formyl.tetrahydrofolate.biosynthes



PWY.7117..C4.photosynthetic.carbon.assimilation.cycle..PEP



PYRIDNUCSYN.PWY..NAD.biosynthesis.l...from.asparta

*FDR: 3.698e-02*  
*Coefficient: -2.58e-01*  
*Value: DY*

200

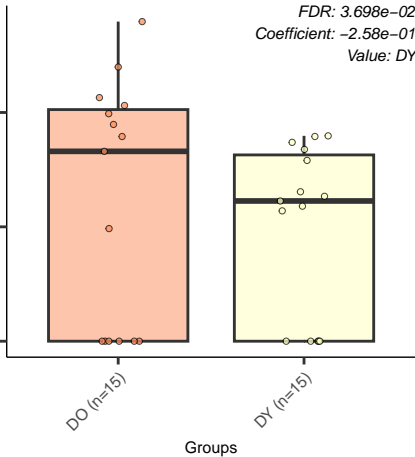
100

0

DO (n=15)

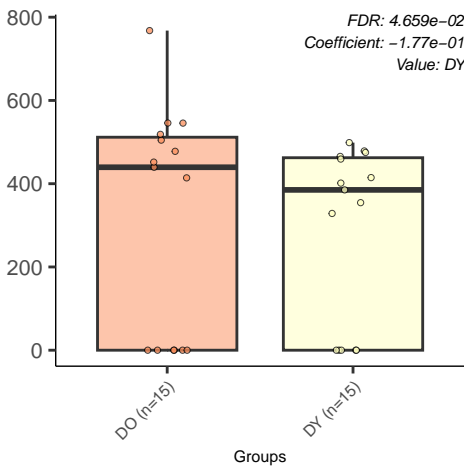
DY (n=15)

Groups

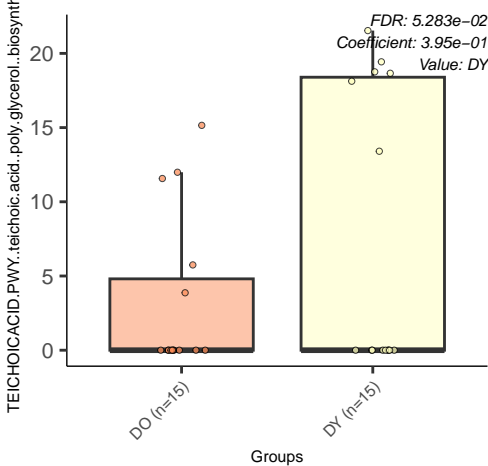


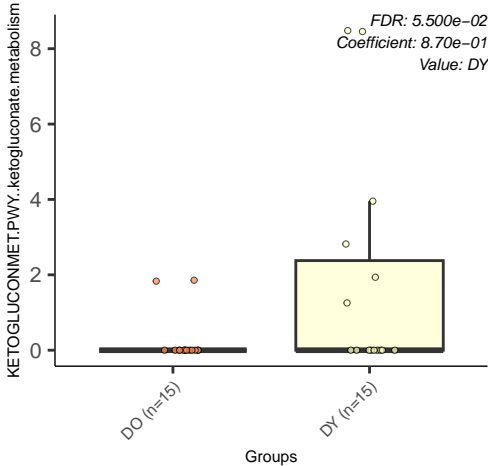
DTDPRHAMSYN.PWY..dTDP.L.rhamnose.biosynthesis

FDR:  $4.659e-02$   
Coefficient:  $-1.77e-01$   
Value: DY









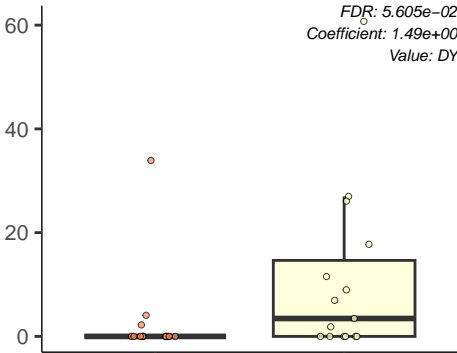
PWY.5723..Rubisco.shunt

FDR:  $5.605e-02$   
Coefficient:  $1.49e+00$   
Value: DY

DO (n=15)

DY (n=15)

Groups



COBALSYN.PWY.adenosylcobalamin.salvage.from.cobina

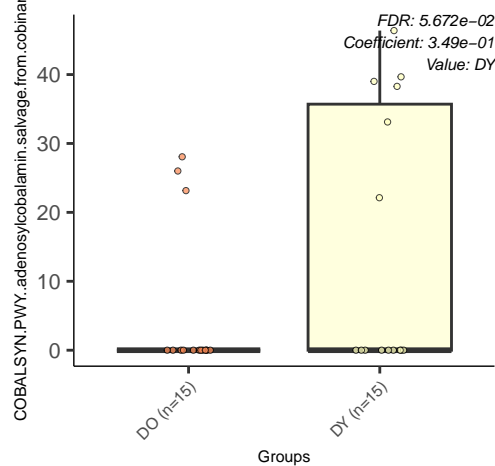
FDR:  $5.672e-02$   
Coefficient:  $3.49e-01$   
Value: DY

DO (n=15)

DY (n=15)

Groups

40  
30  
20  
10  
0



PWY.8004..Entner.Doudoroff.pathway.I

FDR: 5.770e-02  
Coefficient: 7.41e-01  
Value: DY

40

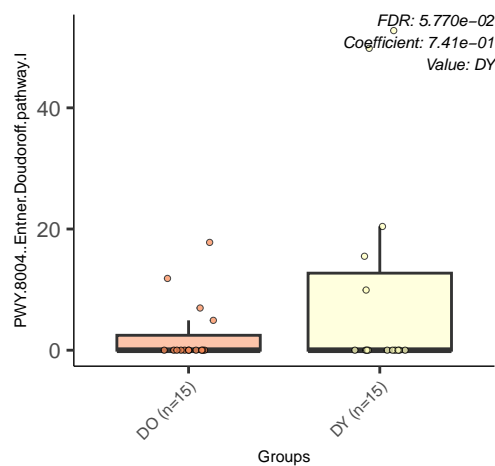
20

0

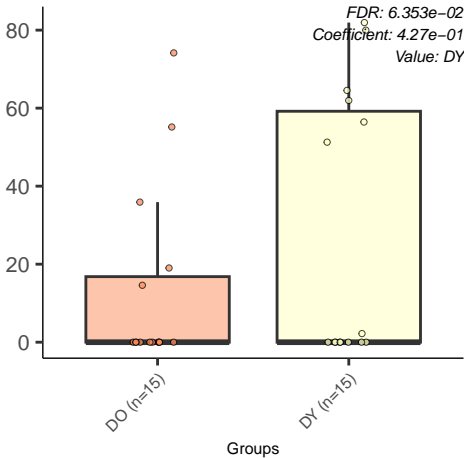
DO (n=15)

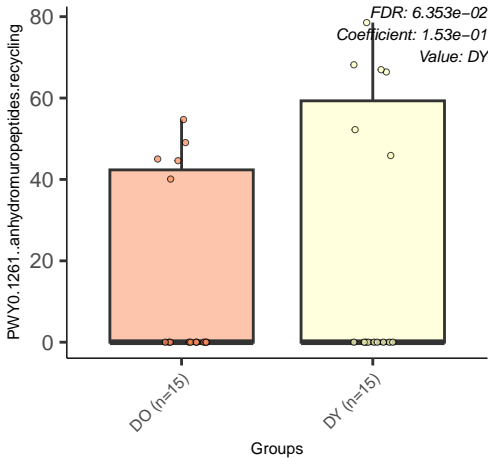
DY (n=15)

Groups

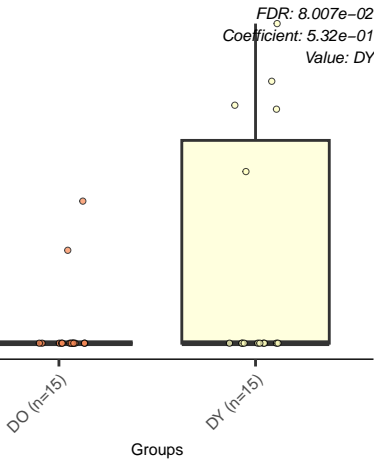


PHOSLIPSYN.PWY..superpathway.of.phospholipid.biosynthesis.





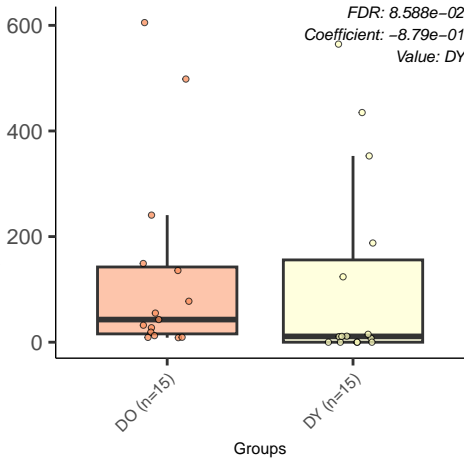
PWY.5083..NAD.NADH.phosphorylation.and.dephosphorylation





PWY0.1241 ..ADP.L.glycero..beta..D.manno.heptose.biosyn

FDR:  $8.588e-02$   
Coefficient:  $-8.79e-01$   
Value: DY



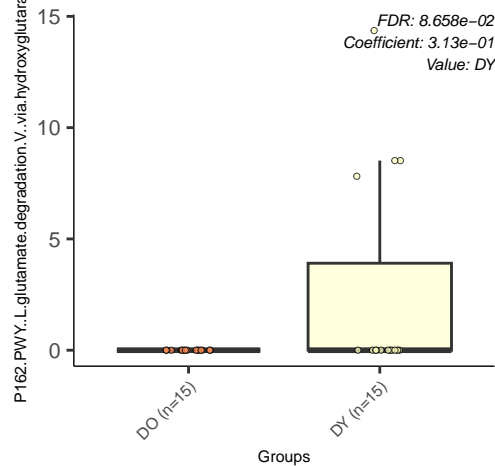
P162.PWY..L:glutamate.degradation.V..via.hydroxyglutara

FDR:  $8.658 \times 10^{-2}$   
Coefficient:  $3.13 \times 10^{-1}$   
Value: DY

DO (n=15)

DY (n=15)

Groups





PWY4FS.7..phosphatidylglycerol.biosynthesis.l.plastid

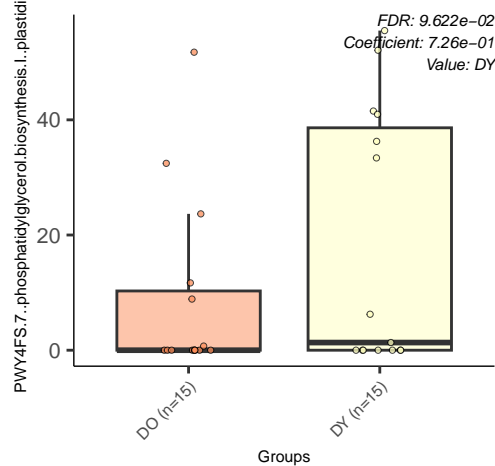
FDR:  $9.622e-02$   
Coefficient:  $7.26e-01$   
Value: DY

40  
20  
0

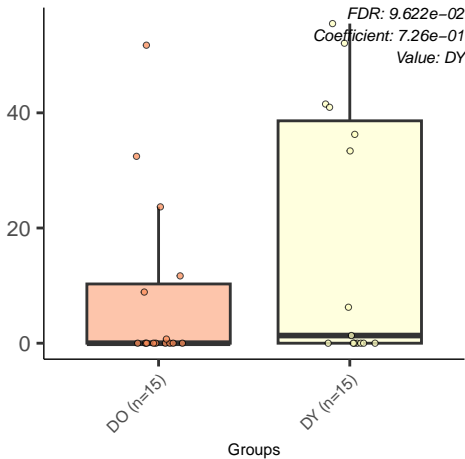
DO (n=15)

DY (n=15)

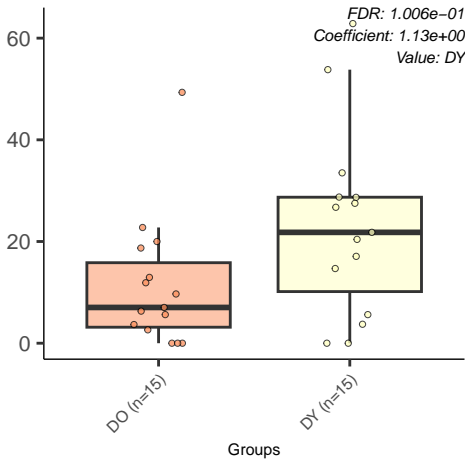
Groups

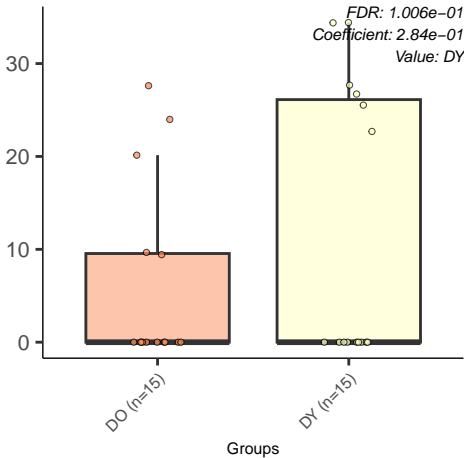


PWY4FS.8..phosphatidylglycerol.biosynthesis.II..non.plas



PWY.241..C4.photosynthetic.carbon.assimilation.cycle..NADP





PWY.6470..peptidoglycan.biosynthesis.V...beta..lactam.resis

*FDR: 1.006e-01*  
*Coefficient: 8.06e-01*  
*Value: DY*

20

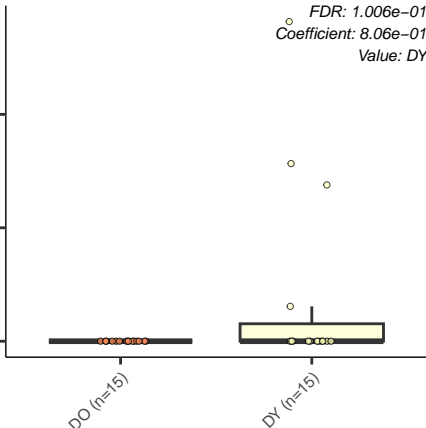
10

0

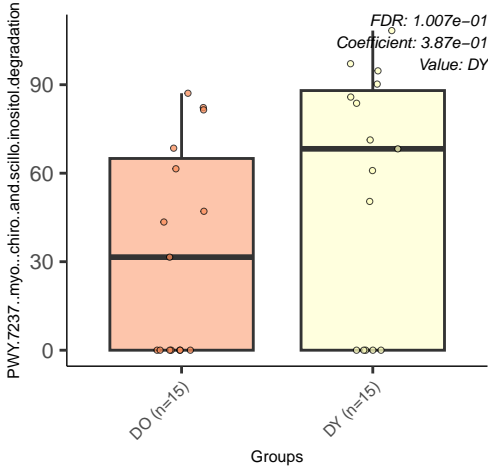
DO (n=15)

DY (n=15)

Groups







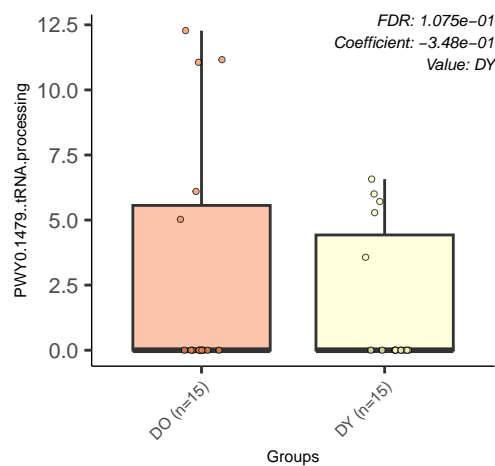
PWY0.1479..tRNA.processing

FDR: 1.075e-01  
Coefficient: -3.48e-01  
Value: DY

DO (n=15)

DY (n=15)

Groups



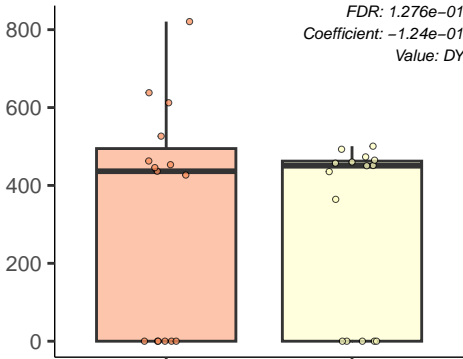
PWY.7219..adenosine.ribonucleotides.de.novo.biosynthe

FDR: 1.276e-01  
Coefficient: -1.24e-01  
Value: DY

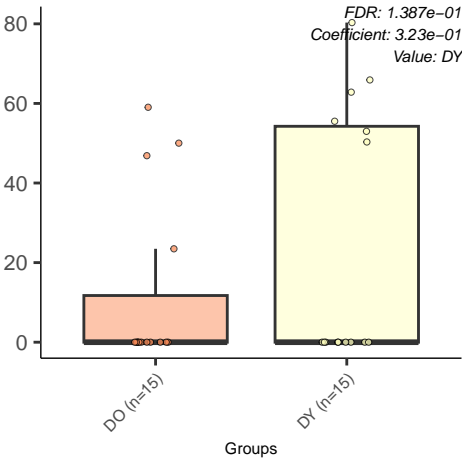
DO (n=15)

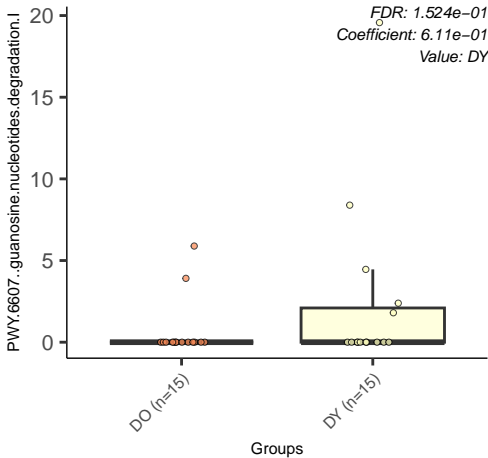
DY (n=15)

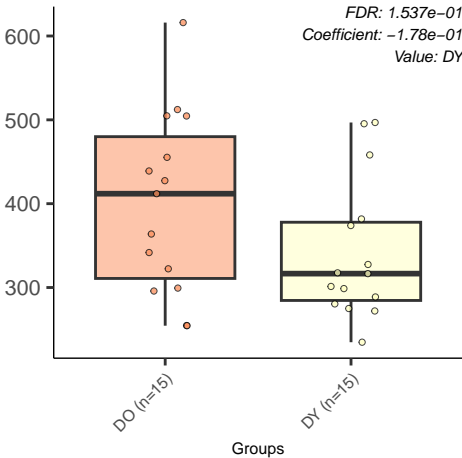
Groups



GLYCOLYSIS.E.D..superpathway.of.glycolysis.and.Entner.Do







NAGLIPASYN.PWY..lipid.IVA.biosynthesis

FDR: 1.604e-01  
Coefficient: 4.61e-01  
Value: DY

60

40

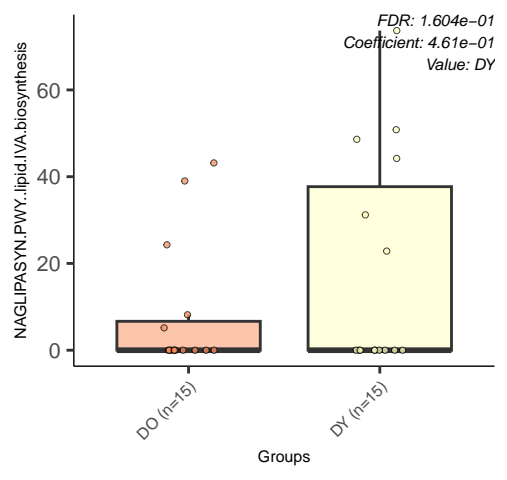
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0

DO (n=15)

DY (n=15)

Groups



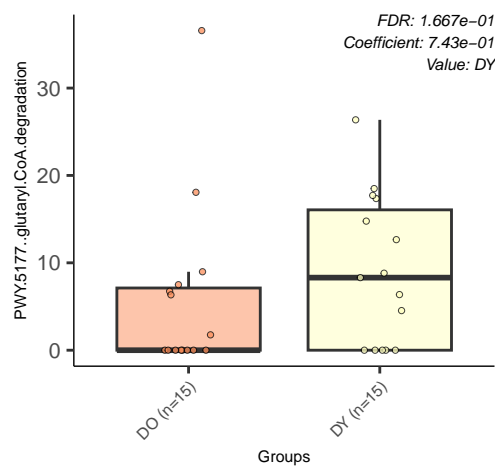
PWY.5177.:glutaryl.CoA.degradation

FDR: 1.667e-01  
Coefficient: 7.43e-01  
Value: DY

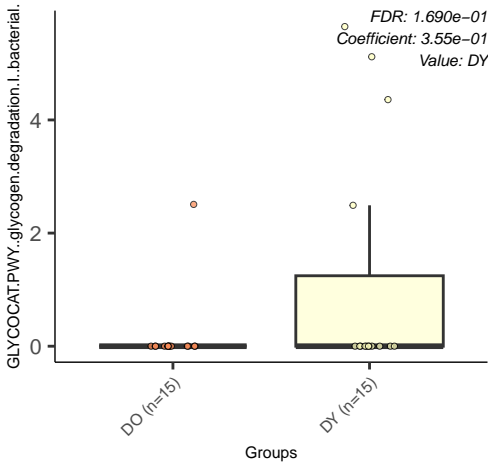
DO (n=15)

DY (n=15)

Groups







PWY.2723..trehalose.degradation.V

FDR: 1.738e-01  
Coefficient: 3.53e-01  
Value: DY

2

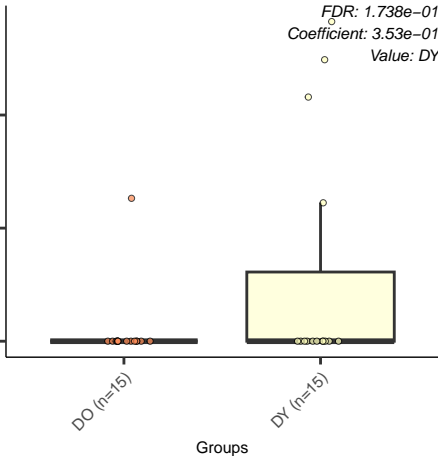
1

0

DO (n=15)

DY (n=15)

Groups



WY.821...superpathway.of.sulfur.amino.acid.biosynthesis..Saccharom

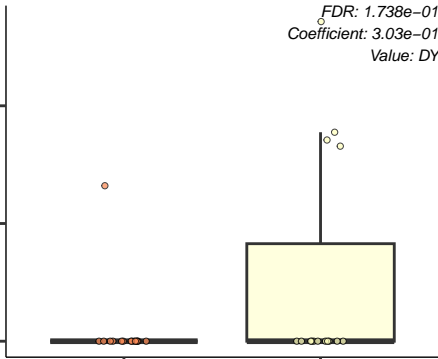
FDR: 1.738e-01  
Coefficient: 3.03e-01  
Value: DY

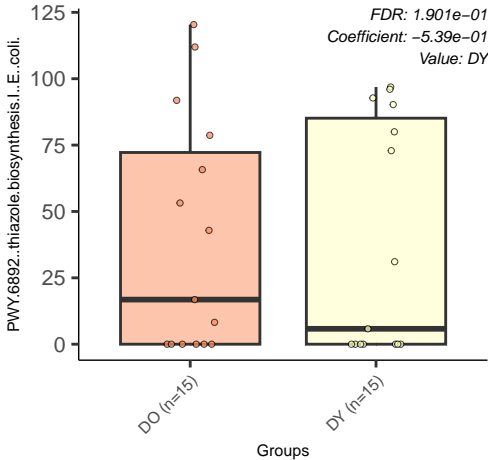
4  
2  
0

DO (n=15)

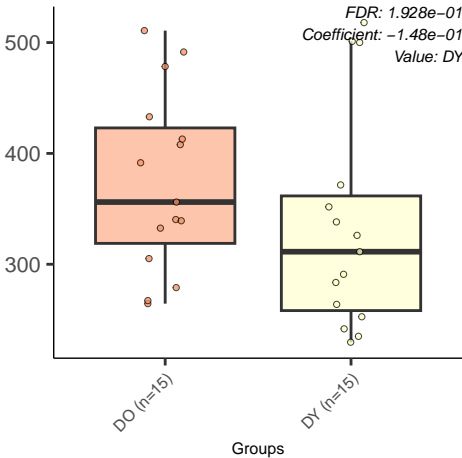
DY (n=15)

Groups

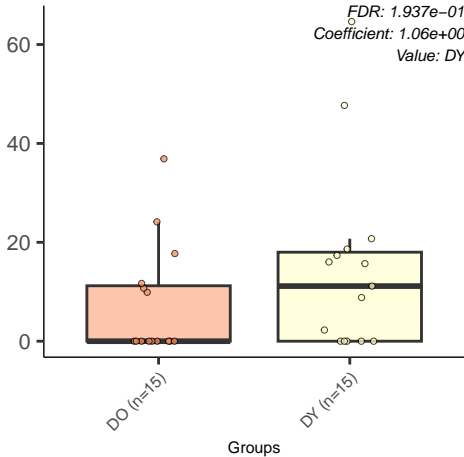


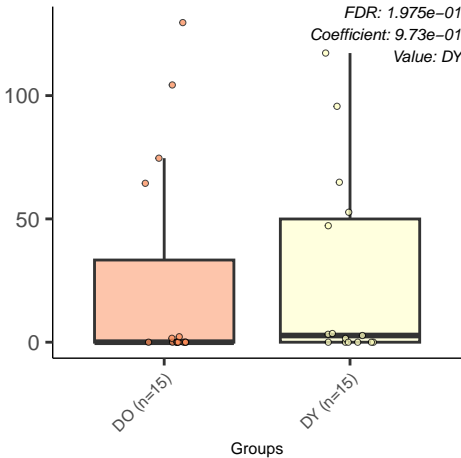


PWY.6385..peptidoglycan.biosynthesis.III...mycobacteria



FDR: 1.937e-01  
Coefficient: 1.06e+00  
Value: DY





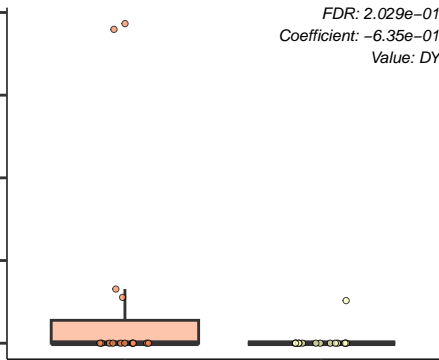
PWY66.389..phytol.degradation

*FDR: 2.029e-01*  
*Coefficient: -6.35e-01*  
*Value: DY*

DO (n=15)

DY (n=15)

Groups





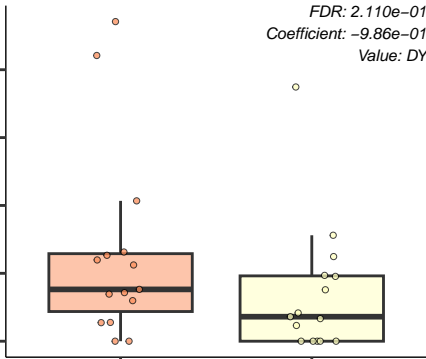
DAPLYSINESYN.PWY..L.lysine.biosynthesis.I

FDR: 2.110e-01  
Coefficient: -9.86e-01  
Value: DY

DO (n=15)

DY (n=15)

Groups



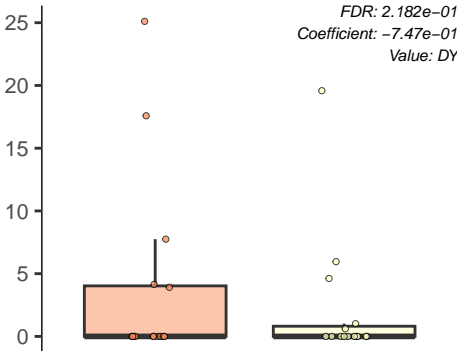
GLUDEG.I.PWY..GABA.shunt

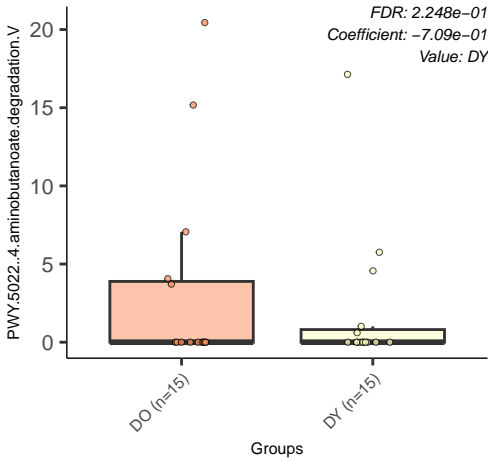
FDR: 2.182e-01  
Coefficient: -7.47e-01  
Value: DY

DO (n=15)

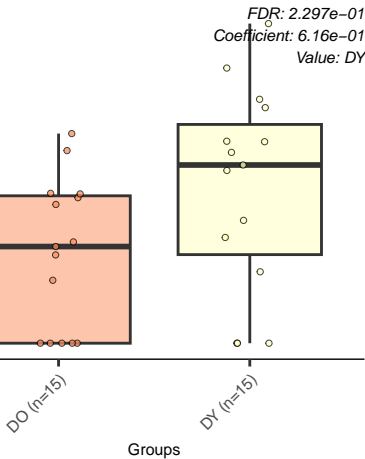
DY (n=15)

Groups





PWY.6901..superpathway.of.glucose.and.xylose.degrada



PWY.5686..UMP.biosynthesis

*FDR: 2.403e-01*  
*Coefficient: -8.79e-02*  
*Value: DY*

DO (n=15)

DY (n=15)

Groups

PWY.5686..UMP.biosynthesis

*FDR: 2.403e-01*  
*Coefficient: -8.79e-02*  
*Value: DY*

DO (n=15)

DY (n=15)

Groups

PWY.5686..UMP.biosynthesis

*FDR: 2.403e-01*  
*Coefficient: -8.79e-02*  
*Value: DY*

DO (n=15)

DY (n=15)

Groups

