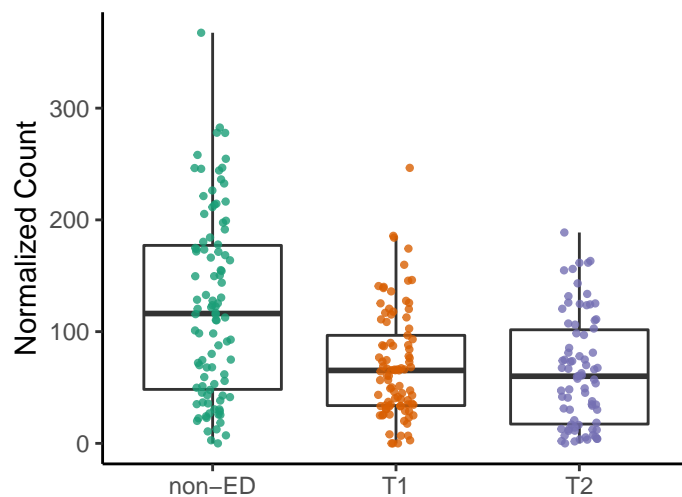


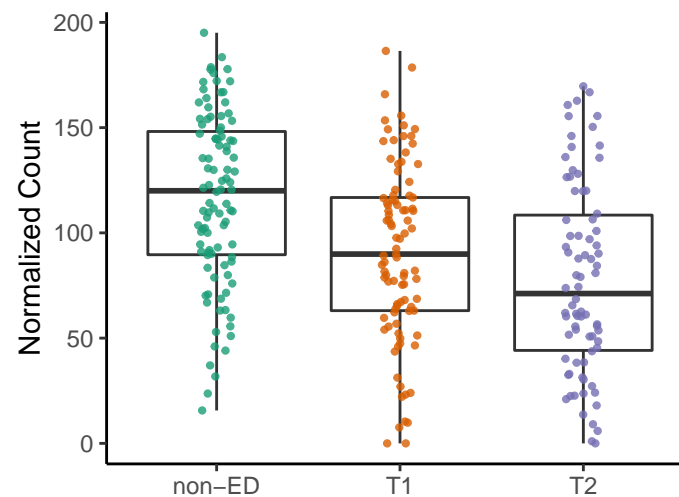
P4-PWY: superpathway of L-lysine, L-

non-ED vs. T1 adjusted $p = 3.1\text{e-}06$
non-ED vs. T2 adjusted $p = 3.9\text{e-}06$
T1 vs. T2 adjusted $p = 0.59$



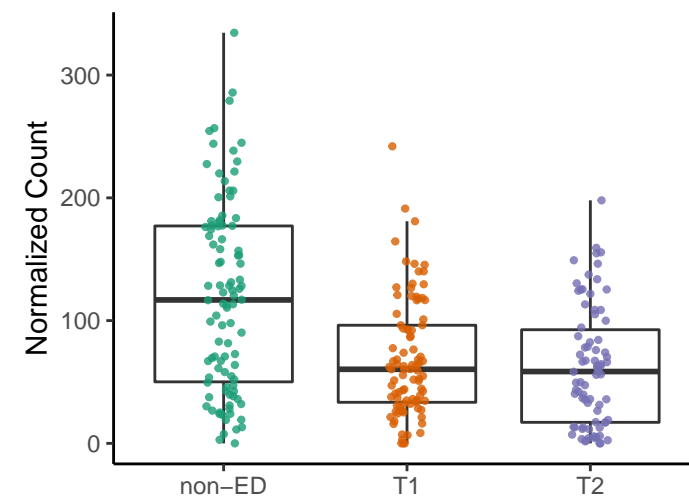
PRPP-PWY: superpathway of histidine

non-ED vs. T1 adjusted $p = 0.00022$
non-ED vs. T2 adjusted $p = 3.9\text{e-}06$
T1 vs. T2 adjusted $p = 0.029$



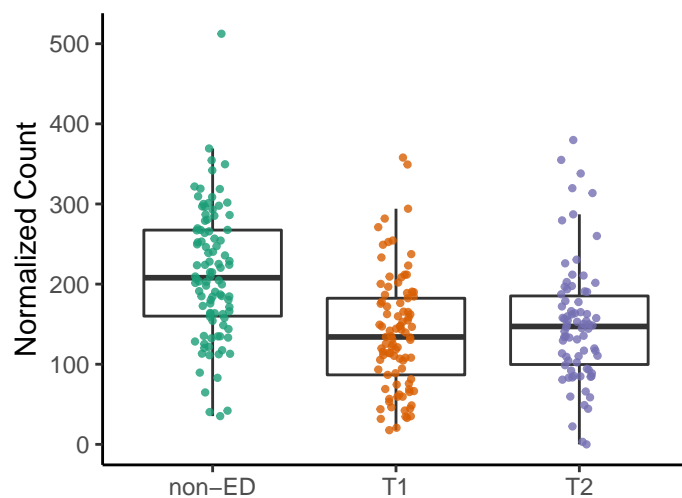
PWY0-781: aspartate superpathway

non-ED vs. T1 adjusted $p = 1.8\text{e-}06$
non-ED vs. T2 adjusted $p = 3.9\text{e-}06$
T1 vs. T2 adjusted $p = 0.6$



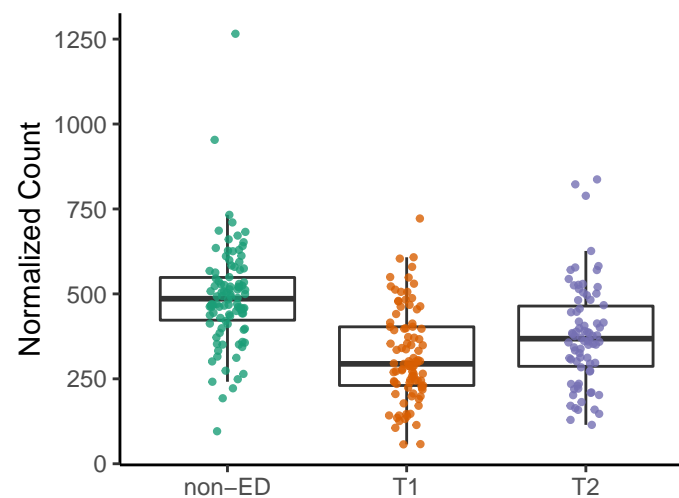
PWY-5347: superpathway of L-methio

non-ED vs. T1 adjusted $p = 9.2\text{e-}09$
non-ED vs. T2 adjusted $p = 4.5\text{e-}05$
T1 vs. T2 adjusted $p = 0.24$



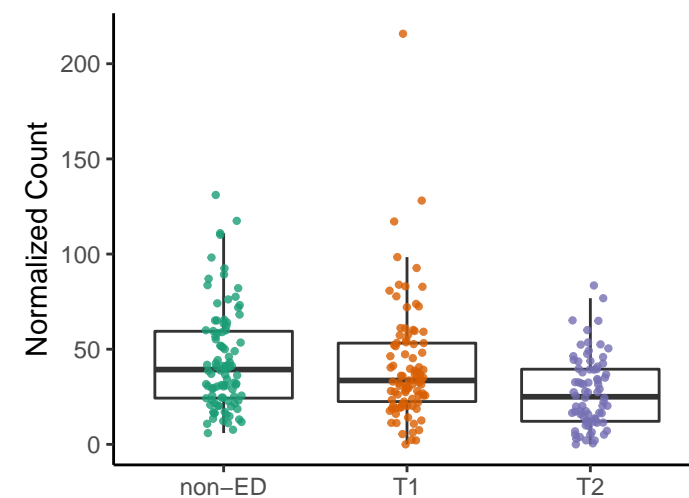
DTDP RHAMSYN-PWY: dTDP-L-rha

non-ED vs. T1 adjusted $p = 6.6\text{e-}12$
non-ED vs. T2 adjusted $p = 0.00014$
T1 vs. T2 adjusted $p = 0.011$



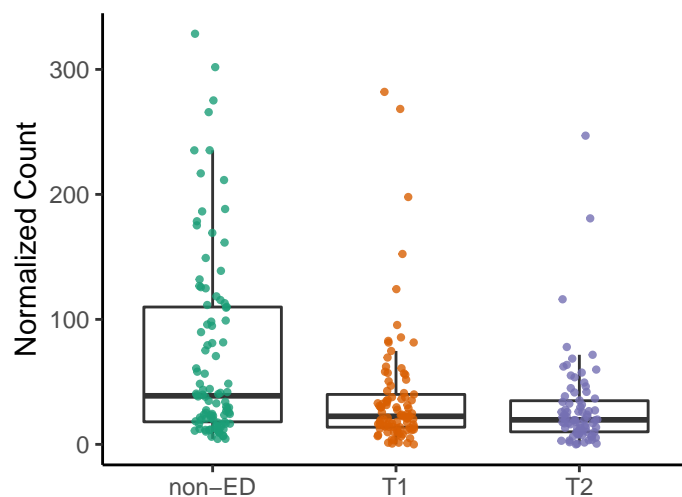
TCA: TCA cycle I (prokaryotic)

non-ED vs. T1 adjusted $p = 0.6$
non-ED vs. T2 adjusted $p = 0.00014$
T1 vs. T2 adjusted $p = 0.0069$



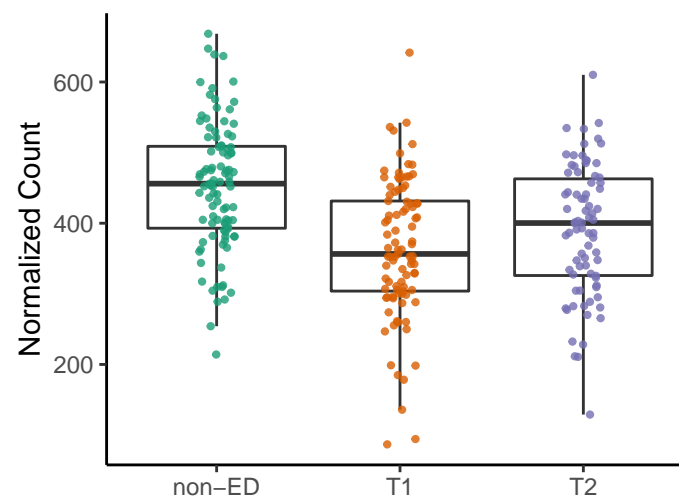
PENTOSE-P-PWY: pentose phosphat

non-ED vs. T1 adjusted $p = 0.0011$
non-ED vs. T2 adjusted $p = 0.00017$
T1 vs. T2 adjusted $p = 0.29$



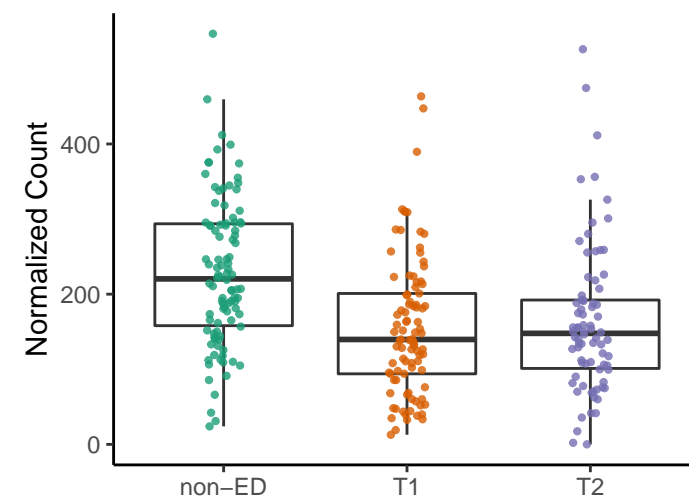
TRNA-CHARGING-PWY: tRNA chargi

non-ED vs. T1 adjusted $p = 1.9\text{e-}08$
non-ED vs. T2 adjusted $p = 0.00067$
T1 vs. T2 adjusted $p = 0.078$



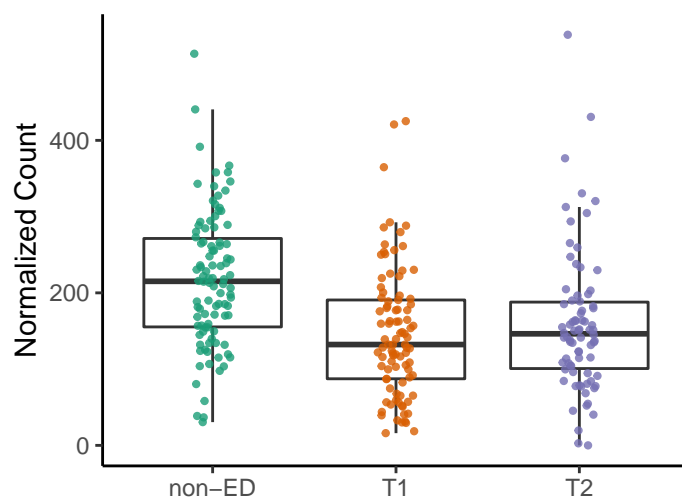
MET-SAM-PWY: superpathway of S-a

non-ED vs. T1 adjusted $p = 3.5\text{e-}06$
non-ED vs. T2 adjusted $p = 0.00095$
T1 vs. T2 adjusted $p = 0.49$



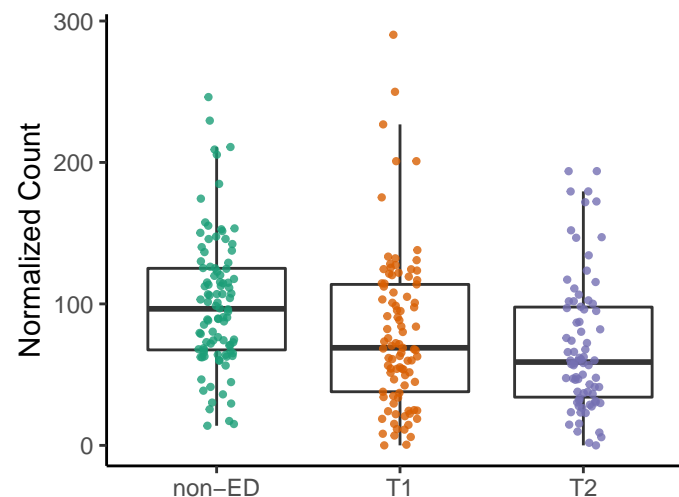
METSYN-PWY: L-homoserine and L-

non-ED vs. T1 adjusted $p = 9.3e-07$
non-ED vs. T2 adjusted $p = 0.00095$
T1 vs. T2 adjusted $p = 0.32$



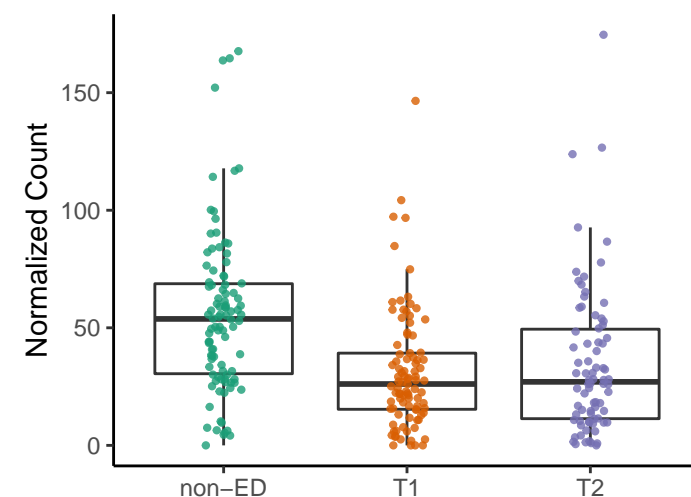
HSERMETANA-PWY: L-methionine bi

non-ED vs. T1 adjusted $p = 0.014$
non-ED vs. T2 adjusted $p = 0.0013$
T1 vs. T2 adjusted $p = 0.55$



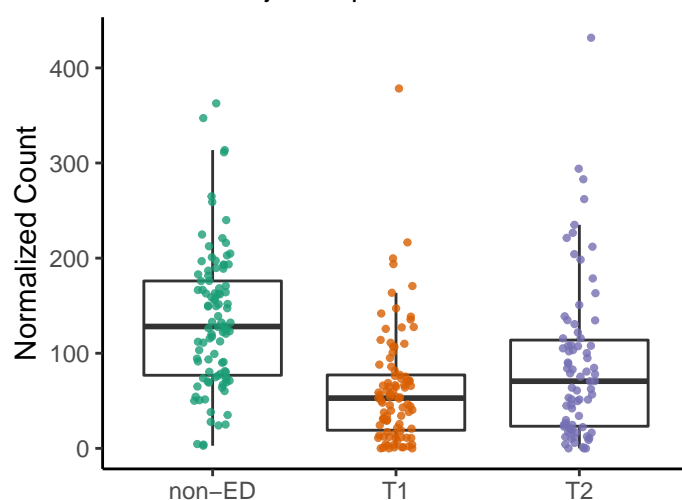
POLYAMSYN-PWY: superpathway of p

non-ED vs. T1 adjusted $p = 1.1e-06$
non-ED vs. T2 adjusted $p = 0.0013$
T1 vs. T2 adjusted $p = 0.43$



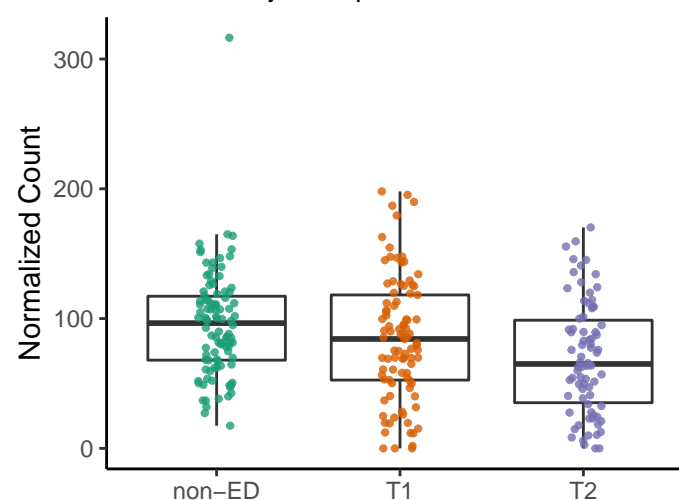
PWY-5177: glutaryl-CoA degradation

non-ED vs. T1 adjusted $p = 1.8e-10$
non-ED vs. T2 adjusted $p = 0.0023$
T1 vs. T2 adjusted $p = 0.019$



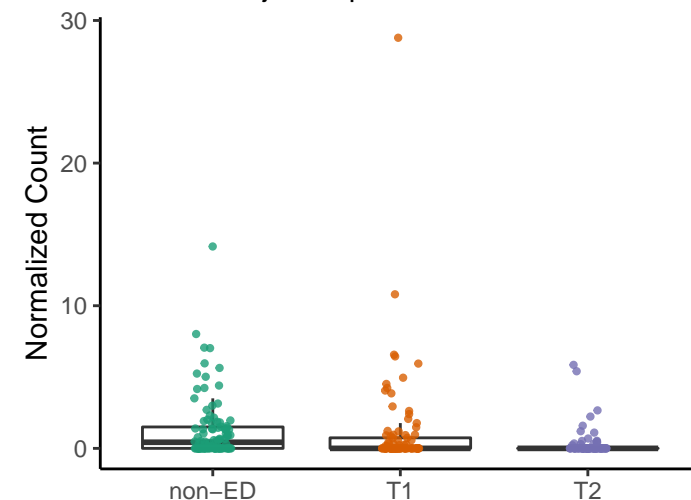
PWY-7211: superpathway of pyrimidin

non-ED vs. T1 adjusted $p = 0.17$
non-ED vs. T2 adjusted $p = 0.0023$
T1 vs. T2 adjusted $p = 0.018$



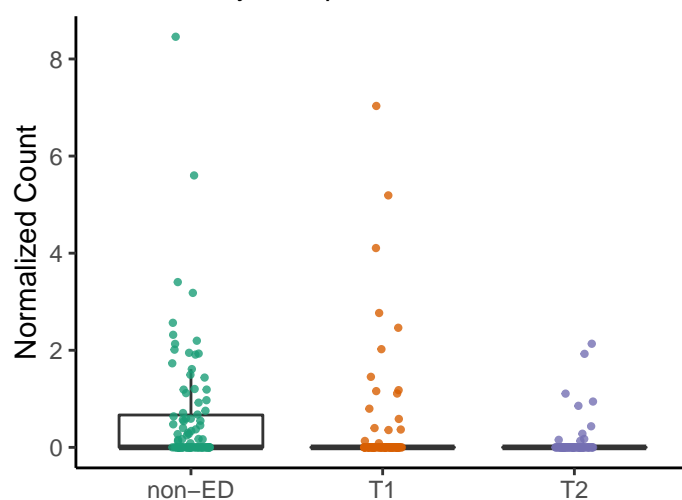
PWY490-3: nitrate reduction VI (assimil

non-ED vs. T1 adjusted $p = 0.78$
non-ED vs. T2 adjusted $p = 0.0027$
T1 vs. T2 adjusted $p = 0.14$



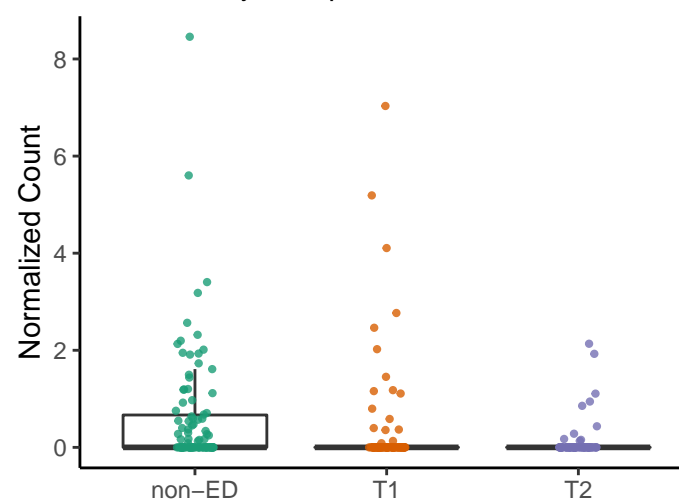
PWY-5692: allantoin degradation to glyo

non-ED vs. T1 adjusted $p = 0.18$
non-ED vs. T2 adjusted $p = 0.0032$
T1 vs. T2 adjusted $p = 0.074$



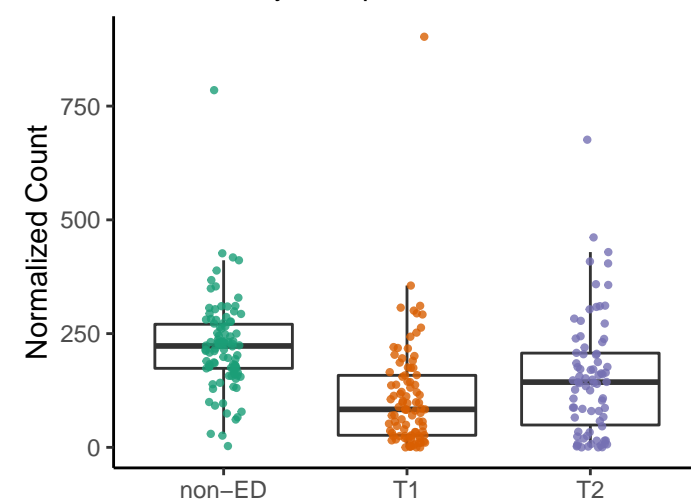
URDEGR-PWY: superpathway of allanto

non-ED vs. T1 adjusted $p = 0.18$
non-ED vs. T2 adjusted $p = 0.0032$
T1 vs. T2 adjusted $p = 0.074$



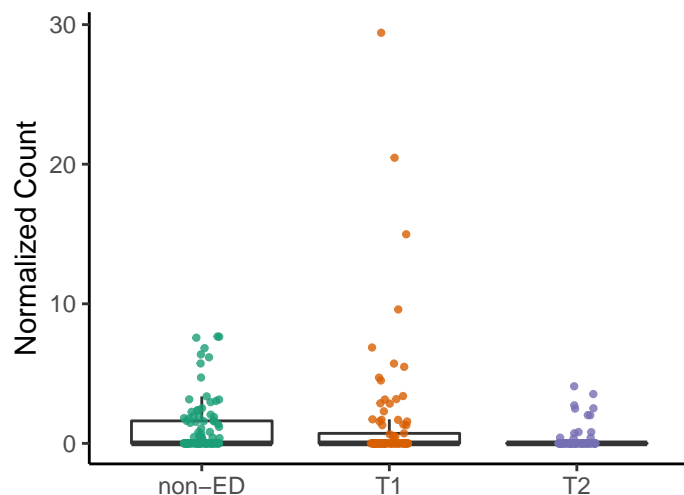
COBALSYN-PWY: adenosylcobalamin

non-ED vs. T1 adjusted $p = 4.3e-09$
non-ED vs. T2 adjusted $p = 0.0041$
T1 vs. T2 adjusted $p = 0.0069$



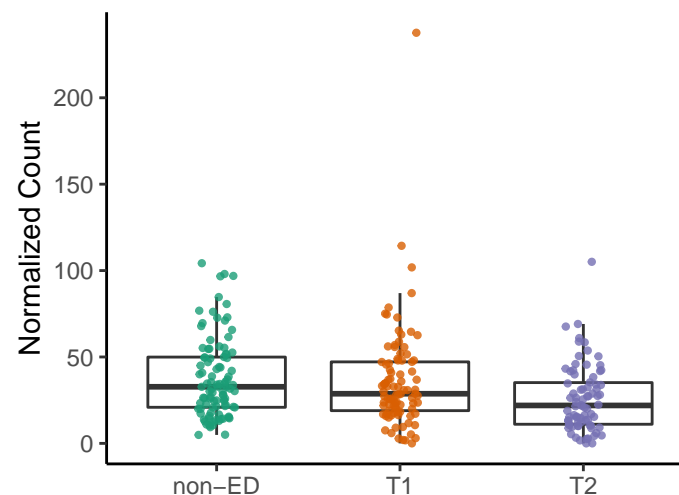
PWY-6263: superpathway of menaquinone

non-ED vs. T1 adjusted p = 0.57
non-ED vs. T2 adjusted p = 0.0041
T1 vs. T2 adjusted p = 0.056



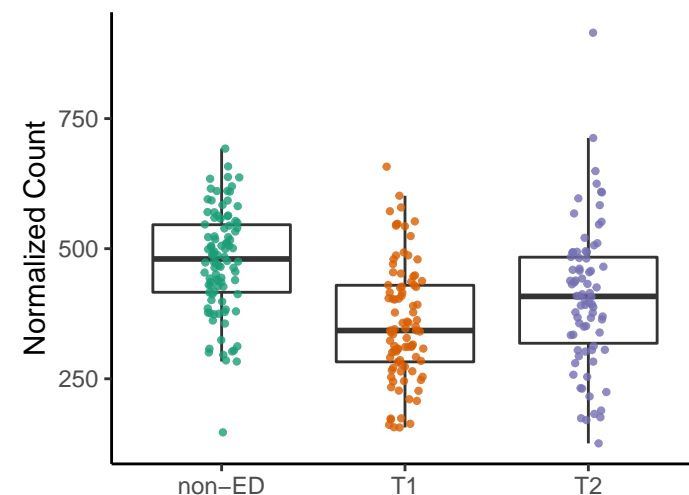
PWY-6969: TCA cycle V (2-oxoglutarate)

non-ED vs. T1 adjusted p = 0.79
non-ED vs. T2 adjusted p = 0.0041
T1 vs. T2 adjusted p = 0.019



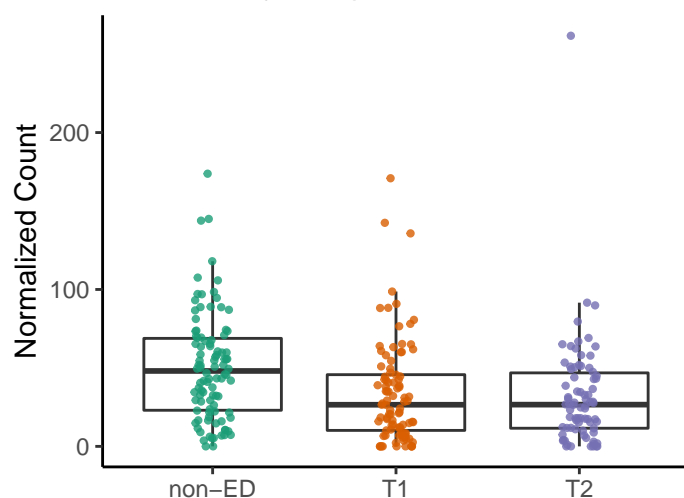
CALVIN-PWY: Calvin-Benson-Bassham

non-ED vs. T1 adjusted p = 1.5e-10
non-ED vs. T2 adjusted p = 0.0048
T1 vs. T2 adjusted p = 0.018



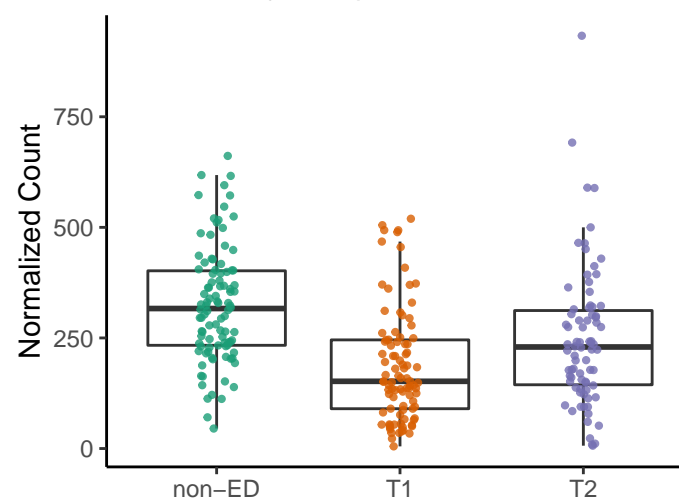
ARG+POLYAMINE-SYN: superpathway of arginine

non-ED vs. T1 adjusted p = 0.0033
non-ED vs. T2 adjusted p = 0.0099
T1 vs. T2 adjusted p = 0.81



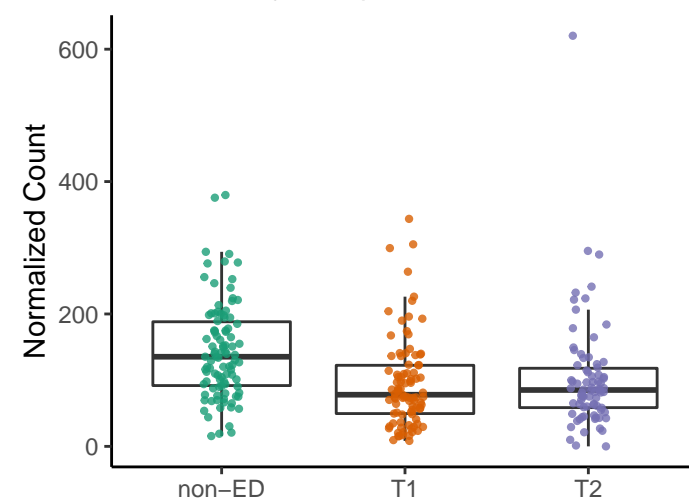
PWY-621: sucrose degradation III (sucrose)

non-ED vs. T1 adjusted p = 1.8e-10
non-ED vs. T2 adjusted p = 0.0099
T1 vs. T2 adjusted p = 0.018



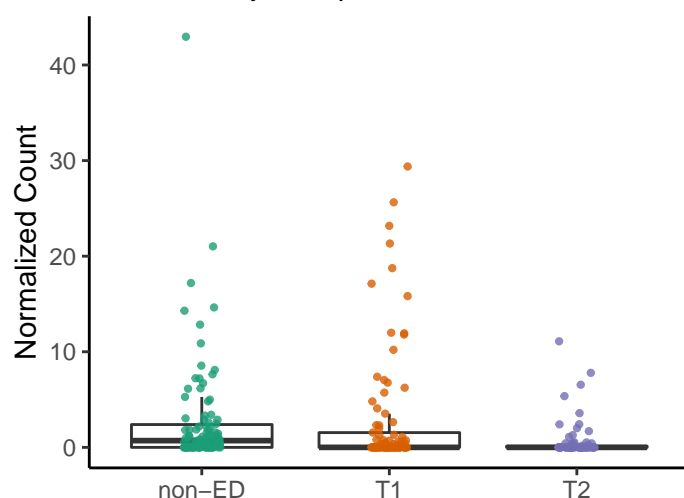
HOMOSER-METSYN-PWY: L-methionine

non-ED vs. T1 adjusted p = 1.9e-05
non-ED vs. T2 adjusted p = 0.01
T1 vs. T2 adjusted p = 0.32



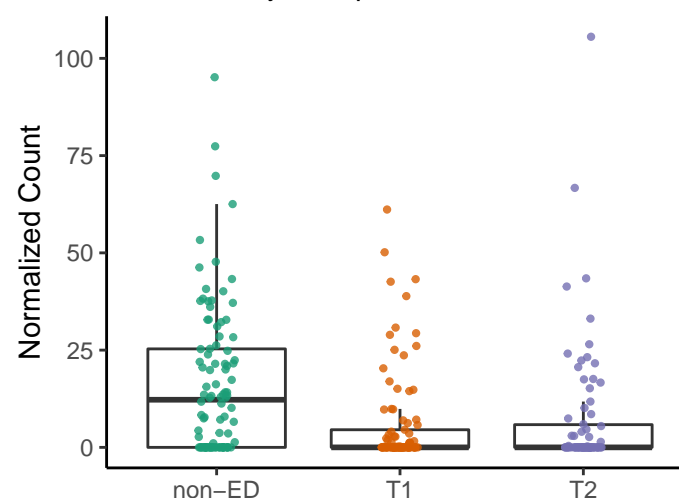
KETOGLUCONMET-PWY: ketogluconate

non-ED vs. T1 adjusted p = 0.91
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.018



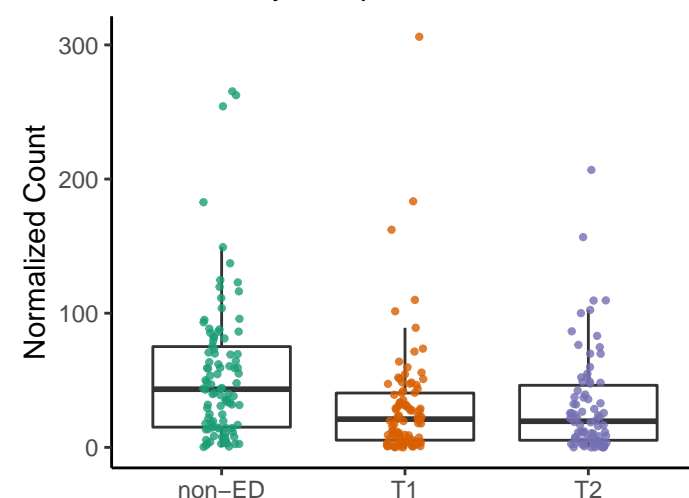
PWY-7209: superpathway of pyrimidine

non-ED vs. T1 adjusted p = 0.00014
non-ED vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.57



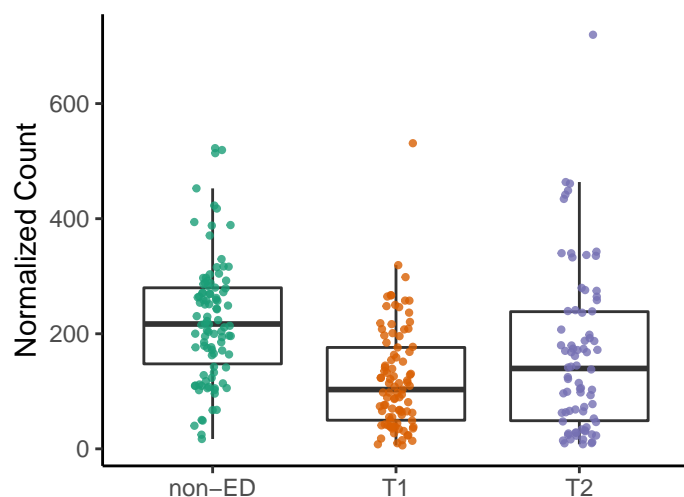
LACTOSECAT-PWY: lactose and galactose

non-ED vs. T1 adjusted p = 0.0029
non-ED vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.54



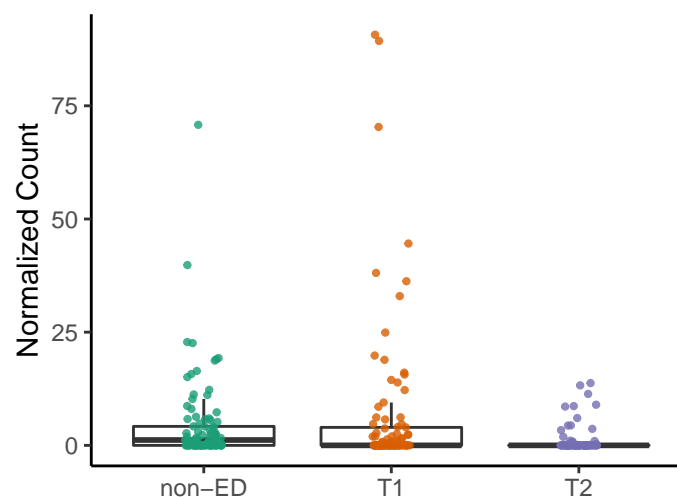
PWY-7242: D-fructuronate degradation

non-ED vs. T1 adjusted $p = 9.7\text{e-}10$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.027$



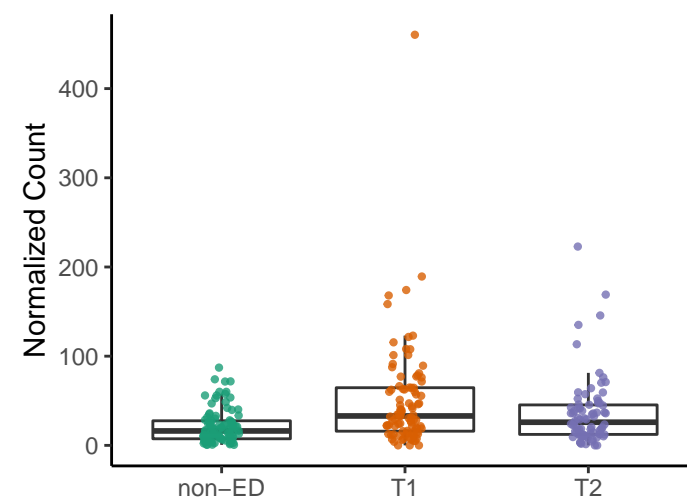
PWY-7204: pyridoxal 5'-phosphate salvage

non-ED vs. T1 adjusted $p = 0.39$
non-ED vs. T2 adjusted $p = 0.019$
T1 vs. T2 adjusted $p = 0.023$



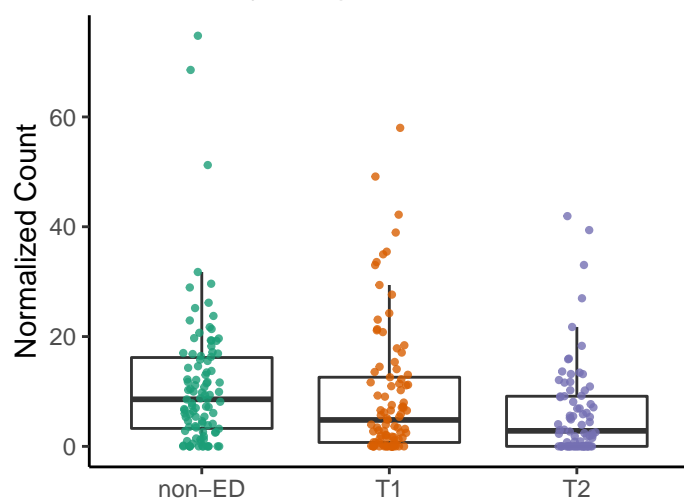
CITRULBIO-PWY: L-citrulline biosynthesis

non-ED vs. T1 adjusted $p = 9.4\text{e-}05$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.11$



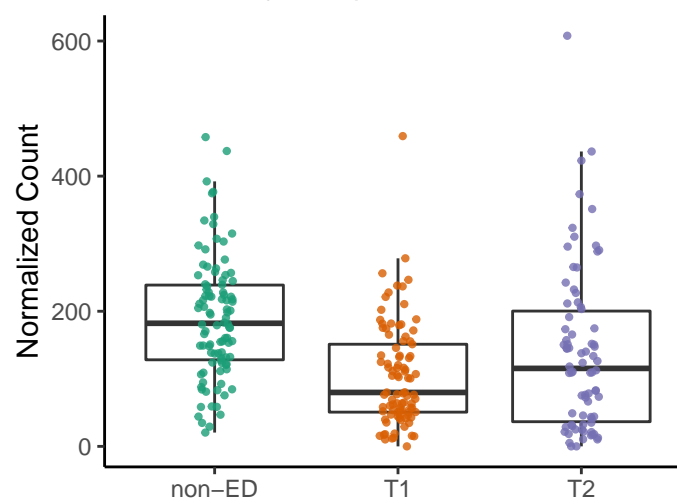
FAO-PWY: fatty acid & beta;-oxidation I

non-ED vs. T1 adjusted $p = 0.42$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.065$



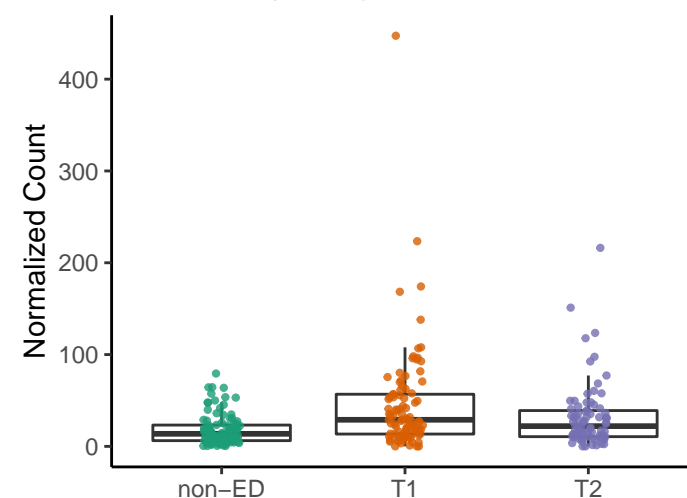
GLUCUROCAT-PWY: superpathway of glucuronidation

non-ED vs. T1 adjusted $p = 2.4\text{e-}09$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.033$



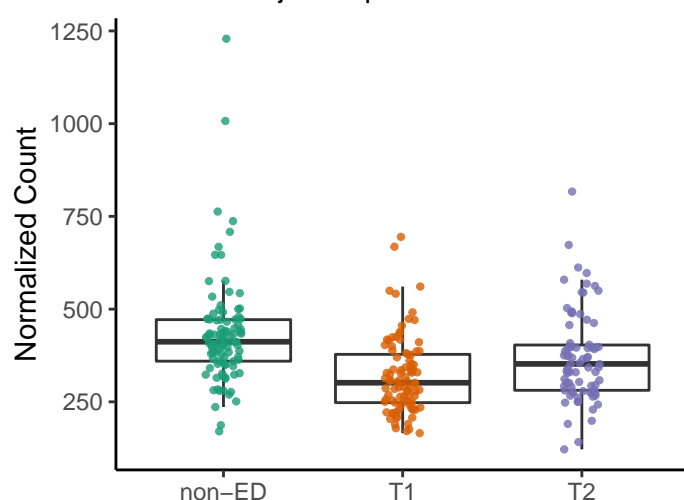
PWY-4984: urea cycle

non-ED vs. T1 adjusted $p = 0.00019$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.12$



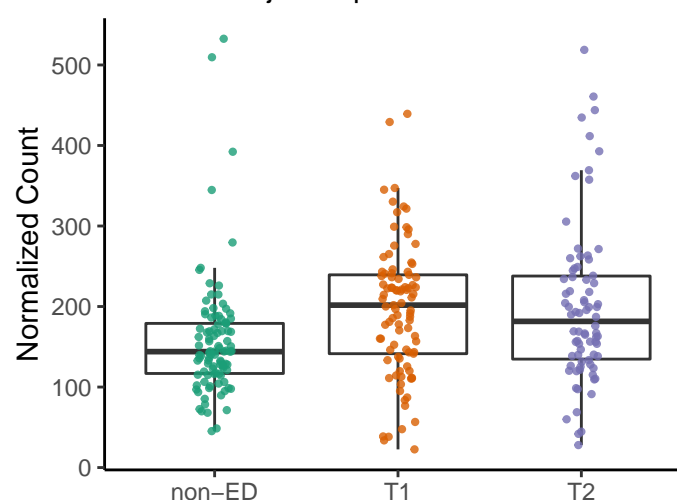
PWY-3001: superpathway of L-isoleucine

non-ED vs. T1 adjusted $p = 8.9\text{e-}08$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.0069$



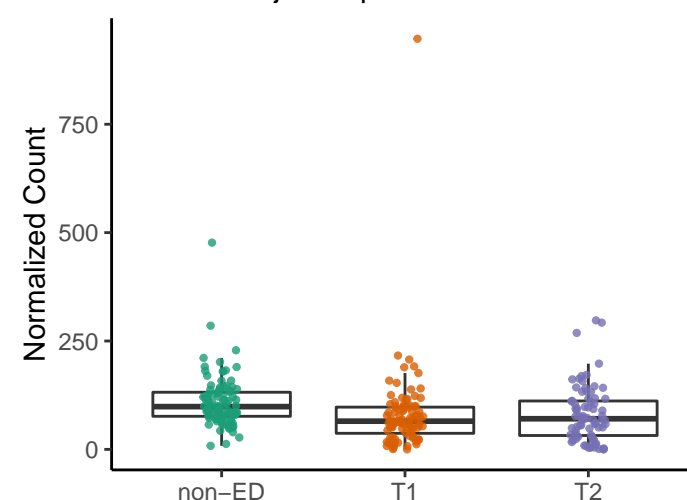
PWY-7208: superpathway of pyrimidine

non-ED vs. T1 adjusted $p = 0.0033$
non-ED vs. T2 adjusted $p = 0.021$
T1 vs. T2 adjusted $p = 0.88$



PWY-6305: putrescine biosynthesis IV

non-ED vs. T1 adjusted $p = 0.046$
non-ED vs. T2 adjusted $p = 0.024$
T1 vs. T2 adjusted $p = 0.12$

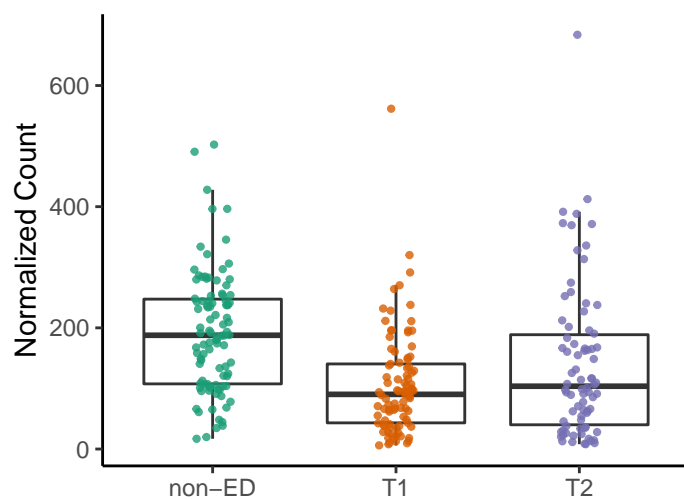


PWY-6507: 4-deoxy-L-threo-hex-4-

non-ED vs. T1 adjusted $p = 1.8e-08$

non-ED vs. T2 adjusted $p = 0.024$

T1 vs. T2 adjusted $p = 0.042$

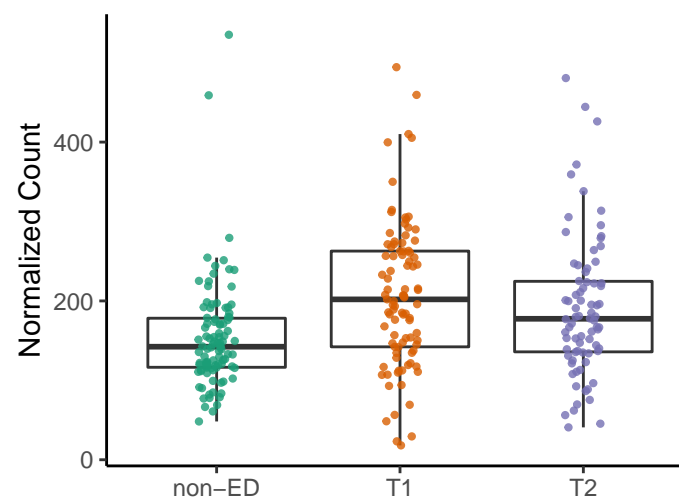


PWY-7228: superpathway of guanosin

non-ED vs. T1 adjusted $p = 0.00011$

non-ED vs. T2 adjusted $p = 0.025$

T1 vs. T2 adjusted $p = 0.15$

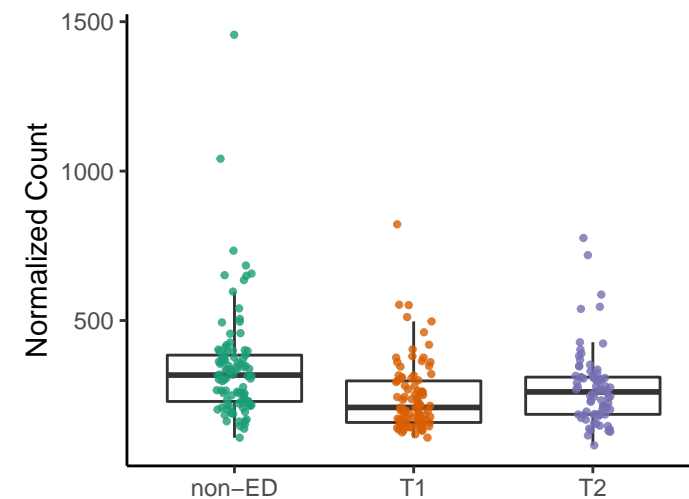


HISTSYN-PWY: L-histidine biosynthe

non-ED vs. T1 adjusted $p = 0.00011$

non-ED vs. T2 adjusted $p = 0.025$

T1 vs. T2 adjusted $p = 0.027$

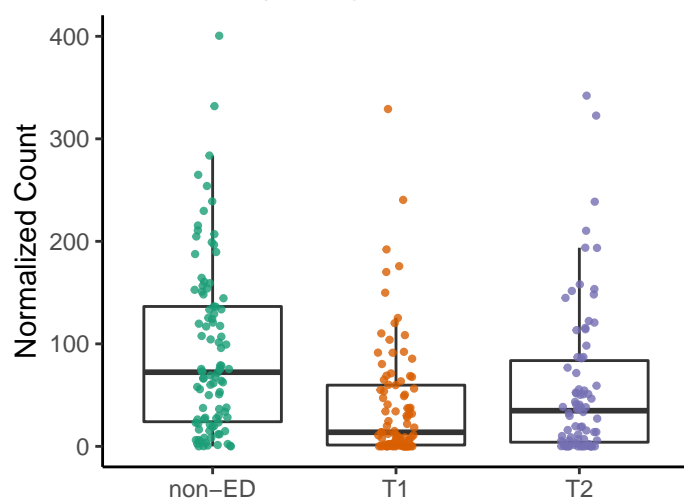


PWY-5367: petroselinic acid biosynthesis

non-ED vs. T1 adjusted $p = 9.1e-06$

non-ED vs. T2 adjusted $p = 0.025$

T1 vs. T2 adjusted $p = 0.29$

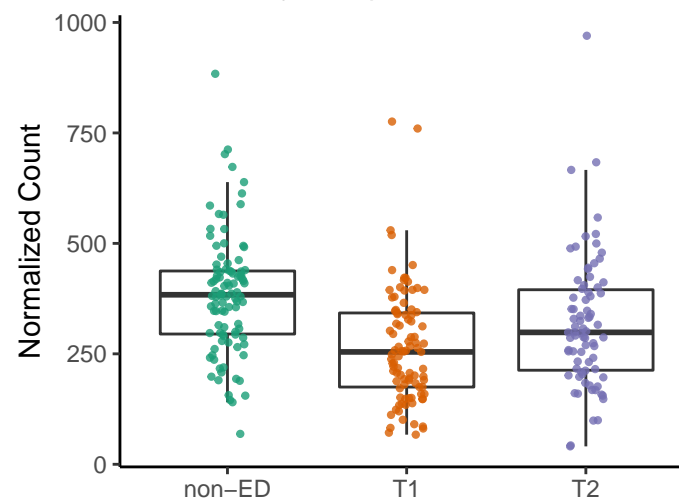


PWY-7357: thiamin formation from py

non-ED vs. T1 adjusted $p = 9.8e-08$

non-ED vs. T2 adjusted $p = 0.025$

T1 vs. T2 adjusted $p = 0.011$

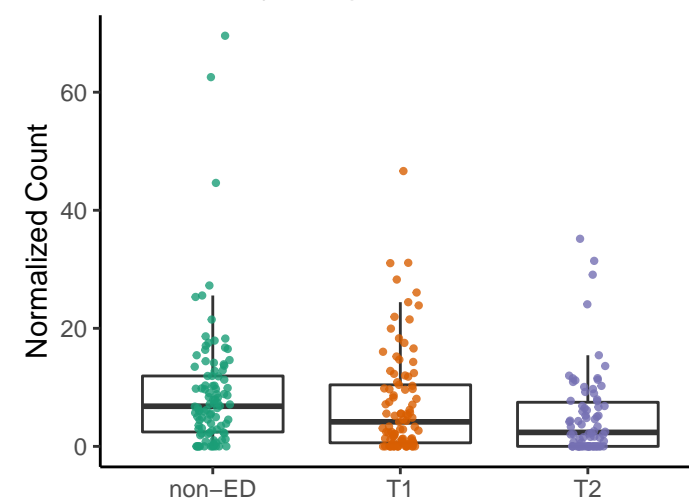


PWY-5136: fatty acid & beta;-oxidation

non-ED vs. T1 adjusted $p = 0.29$

non-ED vs. T2 adjusted $p = 0.027$

T1 vs. T2 adjusted $p = 0.096$

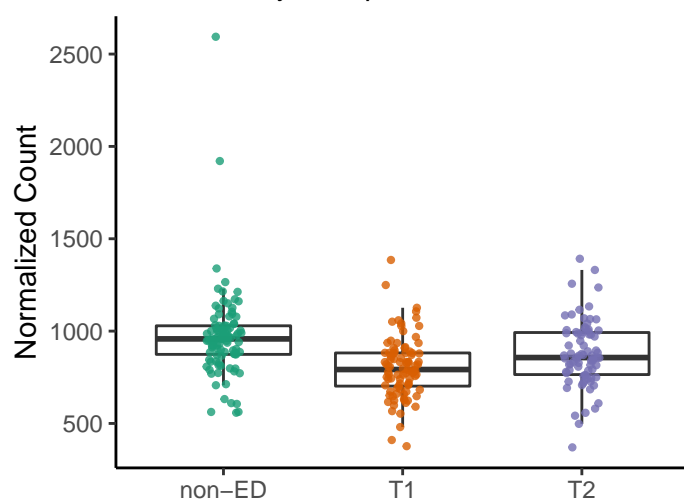


PWY-7219: adenosine ribonucleotide:

non-ED vs. T1 adjusted $p = 1.1e-06$

non-ED vs. T2 adjusted $p = 0.028$

T1 vs. T2 adjusted $p = 0.02$

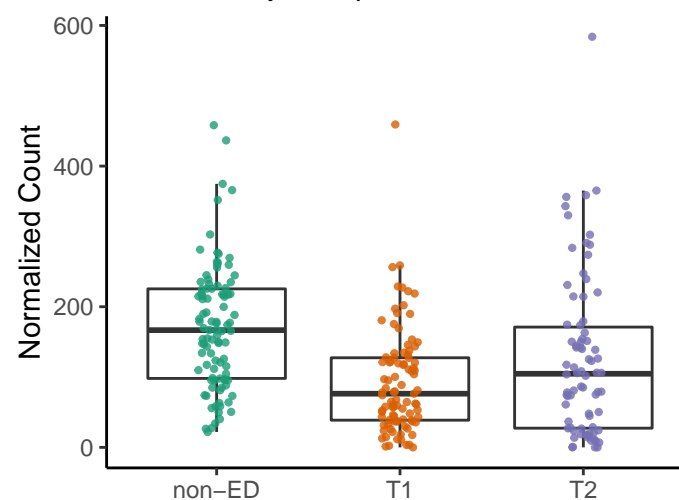


GALACT-GLUCUROCAT-PWY: super

non-ED vs. T1 adjusted $p = 9.2e-09$

non-ED vs. T2 adjusted $p = 0.028$

T1 vs. T2 adjusted $p = 0.033$

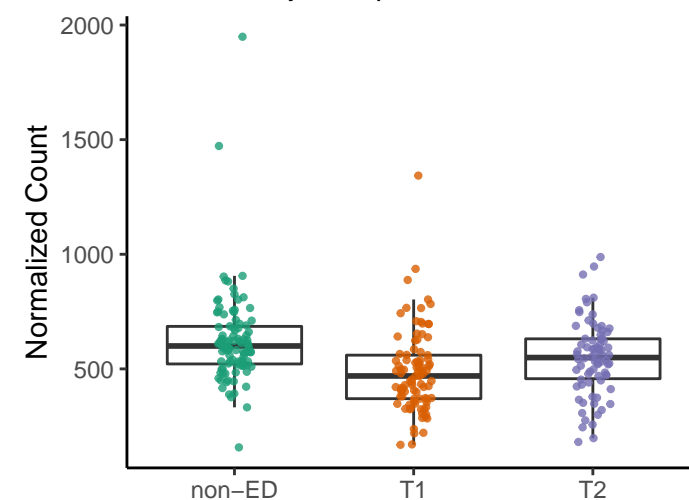


PWY-6151: S-adenosyl-L-methionin

non-ED vs. T1 adjusted $p = 1.5e-05$

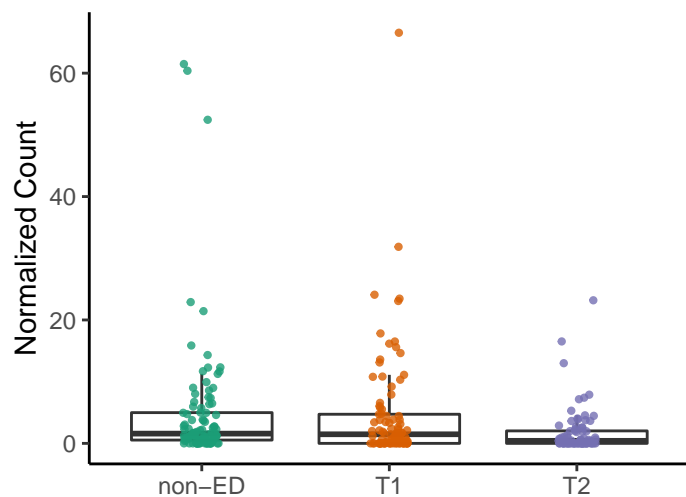
non-ED vs. T2 adjusted $p = 0.033$

T1 vs. T2 adjusted $p = 0.011$



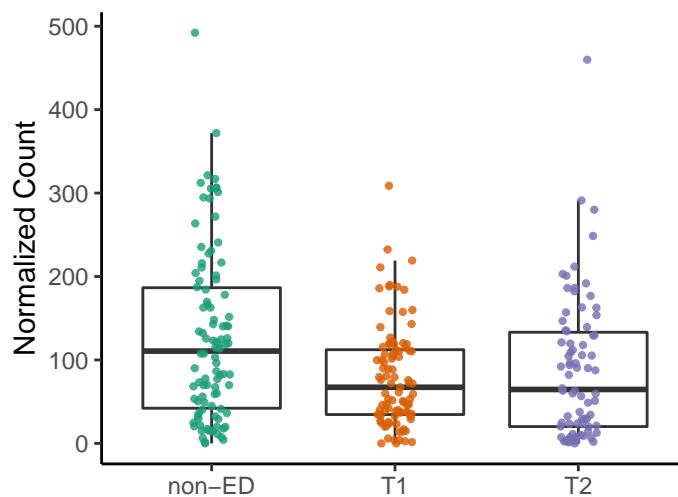
REDCITCYC: TCA cycle VIII (helicobact

non-ED vs. T1 adjusted $p = 0.87$
non-ED vs. T2 adjusted $p = 0.037$
T1 vs. T2 adjusted $p = 0.019$



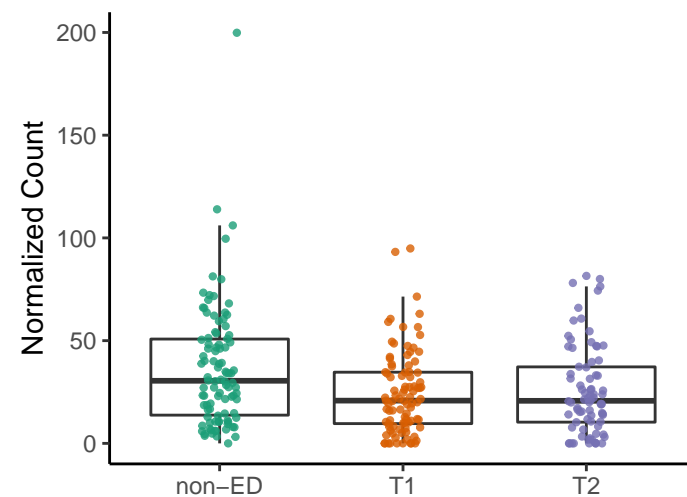
DAPLYSINESYN-PWY: L-lysine biosyn

non-ED vs. T1 adjusted $p = 0.00074$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.37$



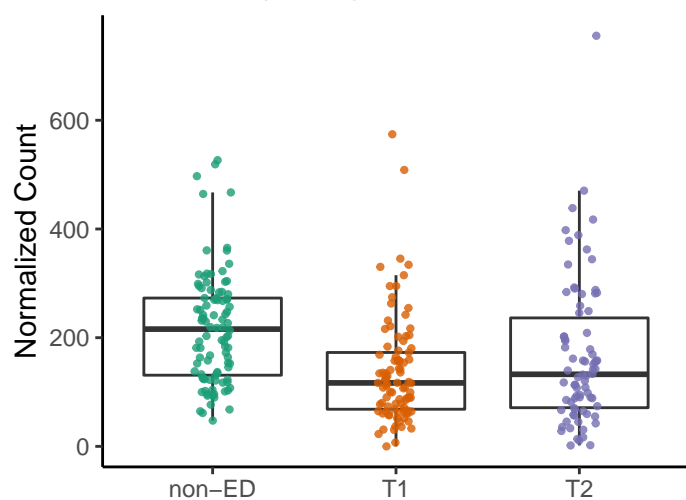
FOLSYN-PWY: superpathway of tetrah

non-ED vs. T1 adjusted $p = 0.0048$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.54$



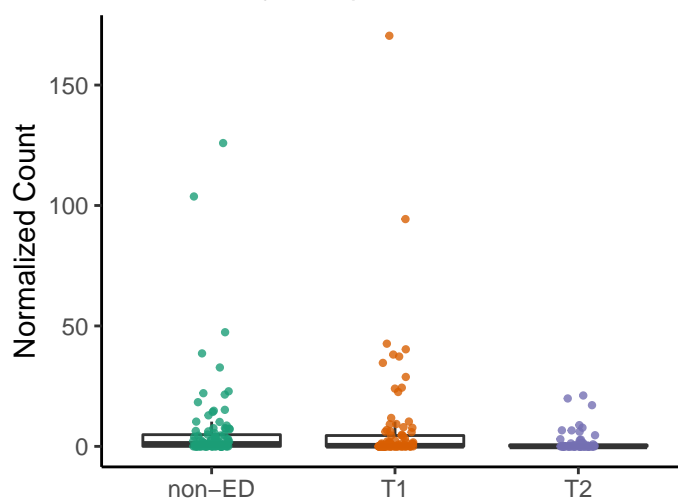
GLCMANNANAUT-PWY: superpathwa

non-ED vs. T1 adjusted $p = 2.8e-06$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.071$



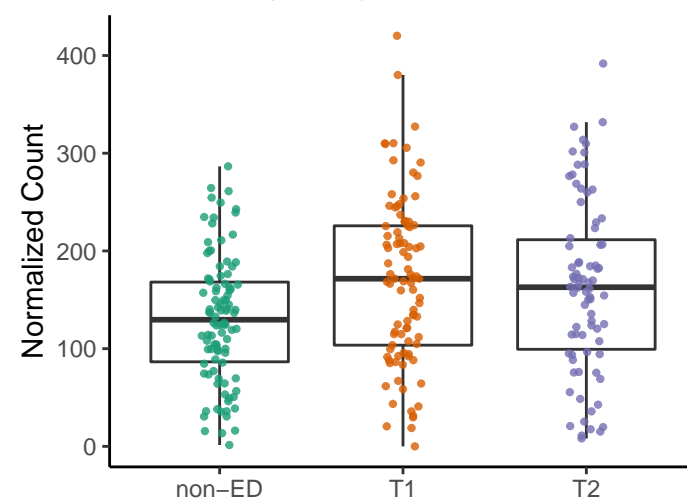
GLUCOSE1PMETAB-PWY: glucose ar

non-ED vs. T1 adjusted $p = 0.86$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.029$



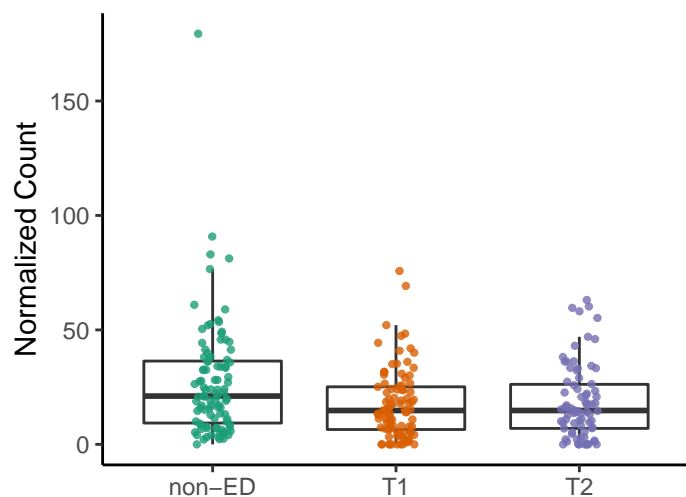
PWY-6168: flavin biosynthesis III (fung

non-ED vs. T1 adjusted $p = 0.0021$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.36$



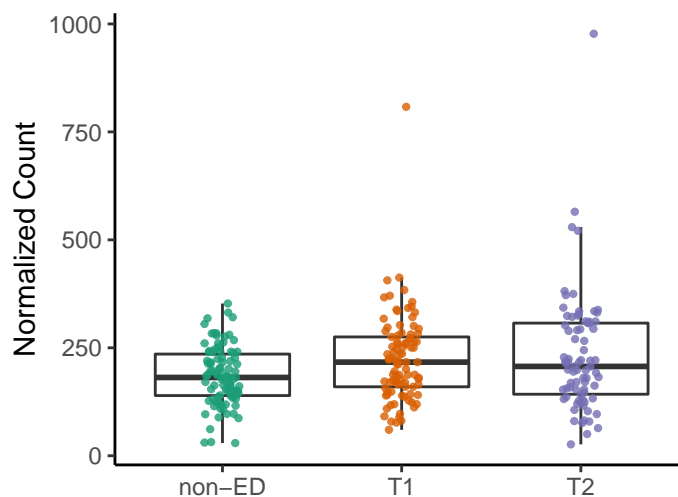
PWY-6612: superpathway of tetrahydr

non-ED vs. T1 adjusted $p = 0.0063$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.53$



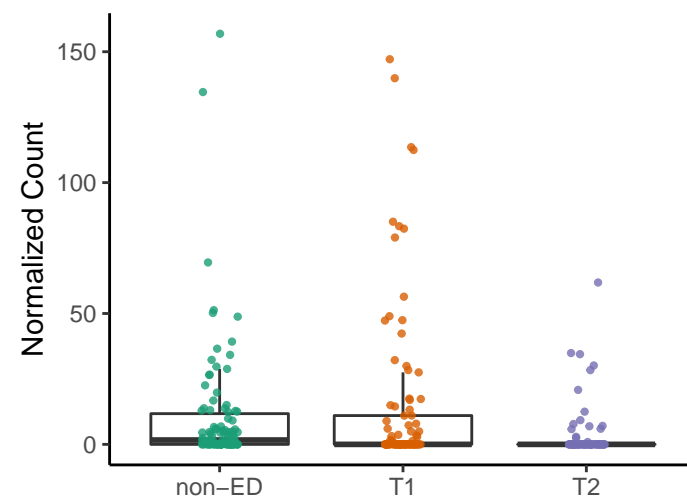
PWY-6703: preQ0 biosynthesis

non-ED vs. T1 adjusted $p = 0.0069$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.99$



PWY-6895: superpathway of thiamin d

non-ED vs. T1 adjusted $p = 0.46$
non-ED vs. T2 adjusted $p = 0.041$
T1 vs. T2 adjusted $p = 0.018$

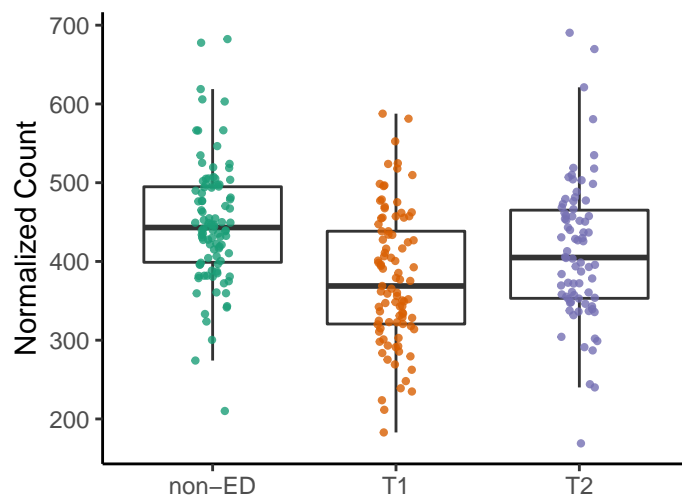


PWY-724: superpathway of L-lysine, L

non-ED vs. T1 adjusted $p = 2.6e-07$

non-ED vs. T2 adjusted $p = 0.041$

T1 vs. T2 adjusted $p = 0.024$

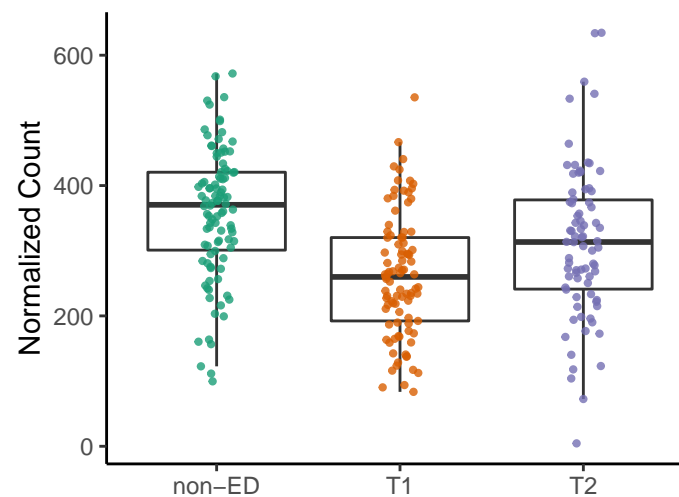


PWY66-422: D-galactose degradation

non-ED vs. T1 adjusted $p = 5.3e-09$

non-ED vs. T2 adjusted $p = 0.041$

T1 vs. T2 adjusted $p = 0.008$

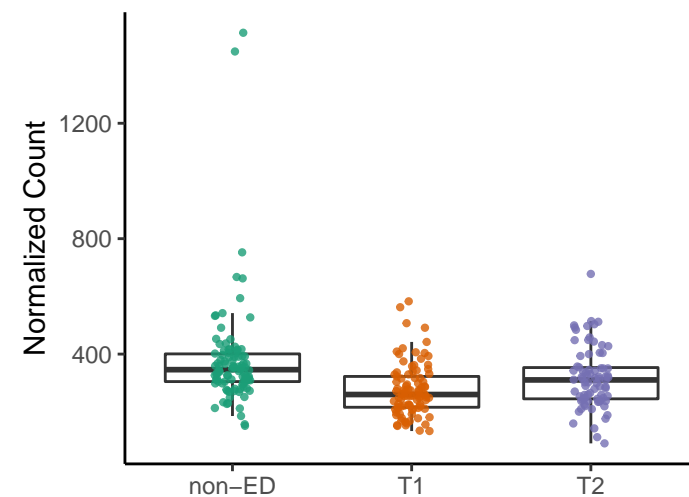


THRESYN-PWY: superpathway of L-

non-ED vs. T1 adjusted $p = 2.8e-05$

non-ED vs. T2 adjusted $p = 0.041$

T1 vs. T2 adjusted $p = 0.016$

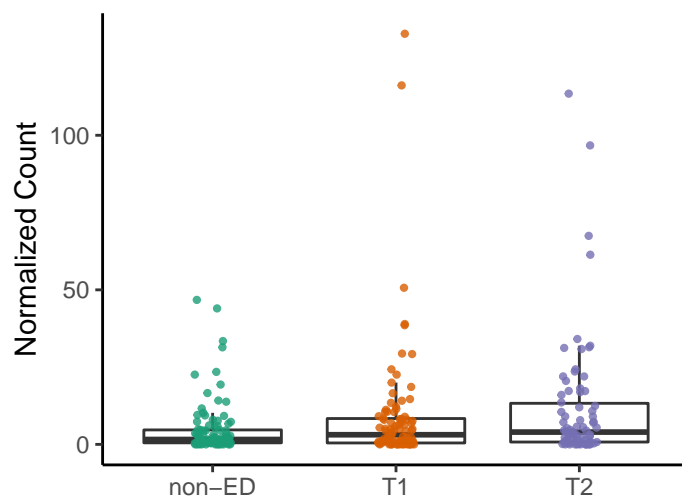


PWY-5384: sucrose degradation IV (su

non-ED vs. T1 adjusted $p = 0.13$

non-ED vs. T2 adjusted $p = 0.042$

T1 vs. T2 adjusted $p = 0.34$

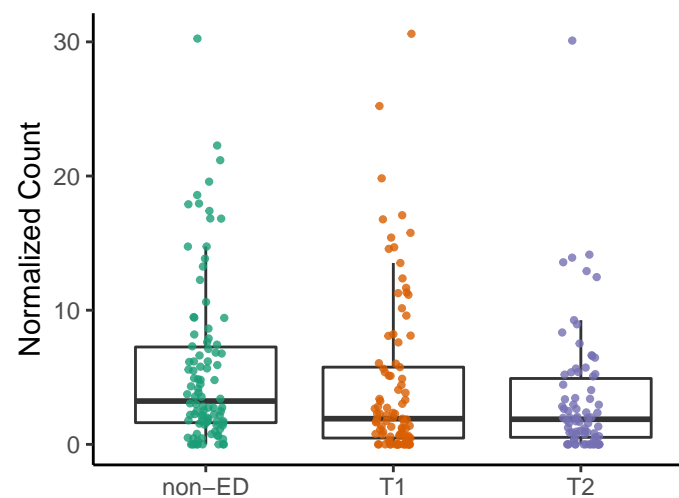


PWY-7115: C4 photosynthetic carbon a

non-ED vs. T1 adjusted $p = 0.32$

non-ED vs. T2 adjusted $p = 0.042$

T1 vs. T2 adjusted $p = 0.2$

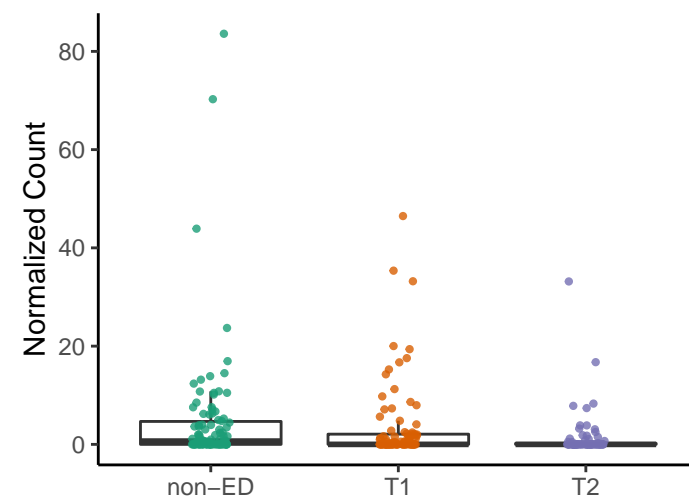


PWY-561: superpathway of glyoxylate c

non-ED vs. T1 adjusted $p = 0.47$

non-ED vs. T2 adjusted $p = 0.043$

T1 vs. T2 adjusted $p = 0.058$

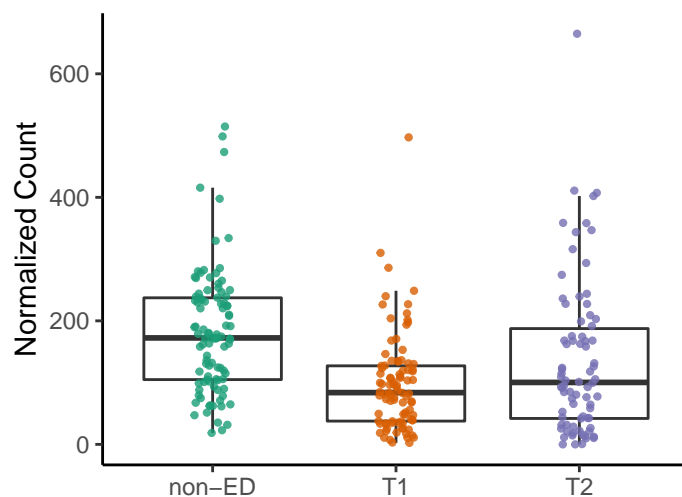


GALACTUROCAT-PWY: D-galacturon

non-ED vs. T1 adjusted $p = 1.9e-08$

non-ED vs. T2 adjusted $p = 0.045$

T1 vs. T2 adjusted $p = 0.029$

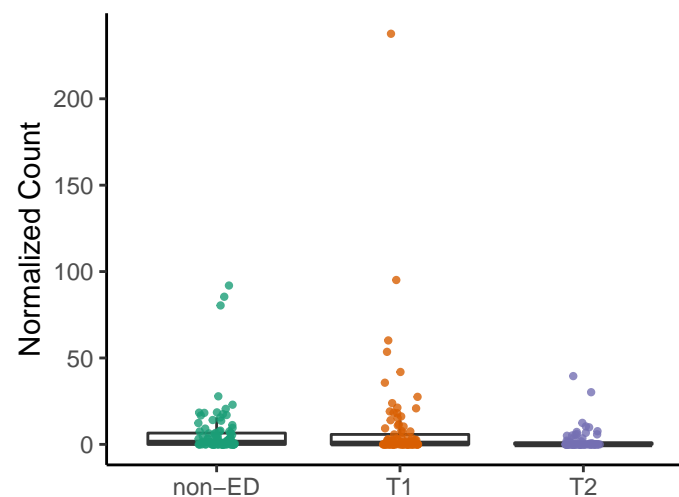


P105-PWY: TCA cycle IV (2-oxoglutar

non-ED vs. T1 adjusted $p = 0.58$

non-ED vs. T2 adjusted $p = 0.047$

T1 vs. T2 adjusted $p = 0.029$

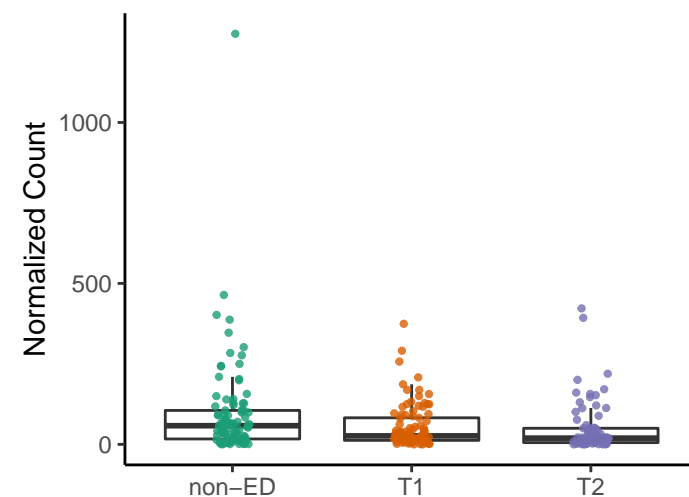


PWY-6147: 6-hydroxymethyl-dihydro

non-ED vs. T1 adjusted $p = 0.048$

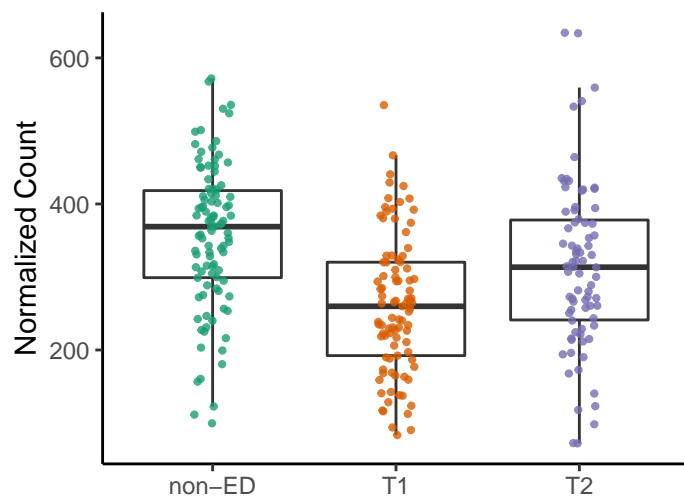
non-ED vs. T2 adjusted $p = 0.047$

T1 vs. T2 adjusted $p = 0.82$



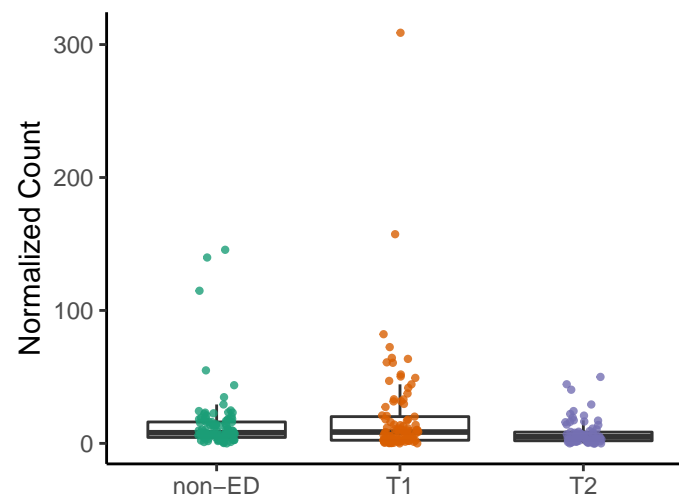
PWY-6317: galactose degradation I (L

non-ED vs. T1 adjusted $p = 6e-09$
non-ED vs. T2 adjusted $p = 0.048$
T1 vs. T2 adjusted $p = 0.0069$



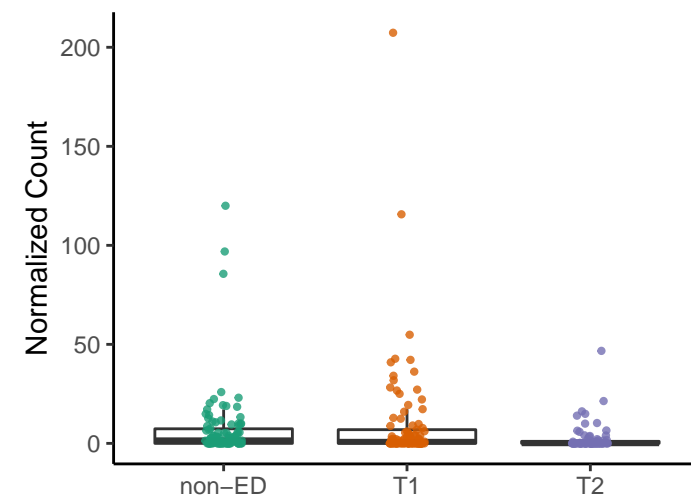
PWY0-1061: superpathway of L-alanin

non-ED vs. T1 adjusted $p = 0.4$
non-ED vs. T2 adjusted $p = 0.049$
T1 vs. T2 adjusted $p = 0.018$



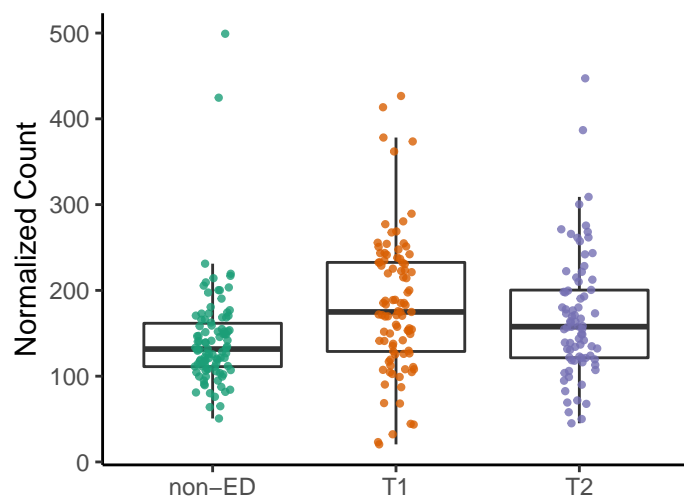
GLYCOLYSIS-TCA-GLYOX-BYPASS:

non-ED vs. T1 adjusted $p = 0.55$
non-ED vs. T2 adjusted $p = 0.049$
T1 vs. T2 adjusted $p = 0.019$



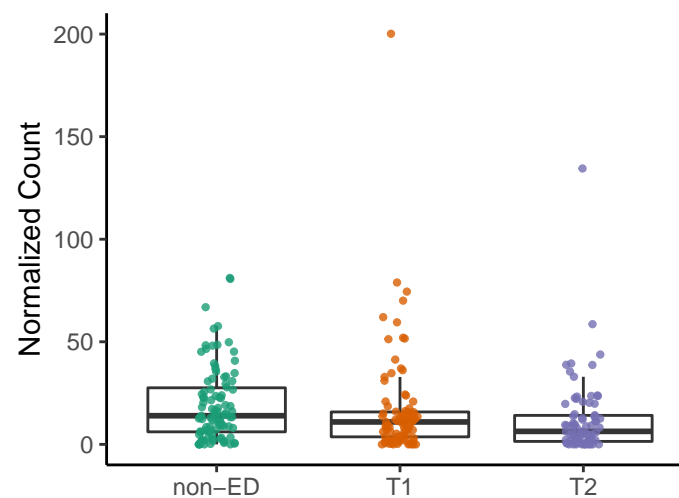
PWY-6125: superpathway of guanosin

non-ED vs. T1 adjusted $p = 0.00052$
non-ED vs. T2 adjusted $p = 0.049$
T1 vs. T2 adjusted $p = 0.12$



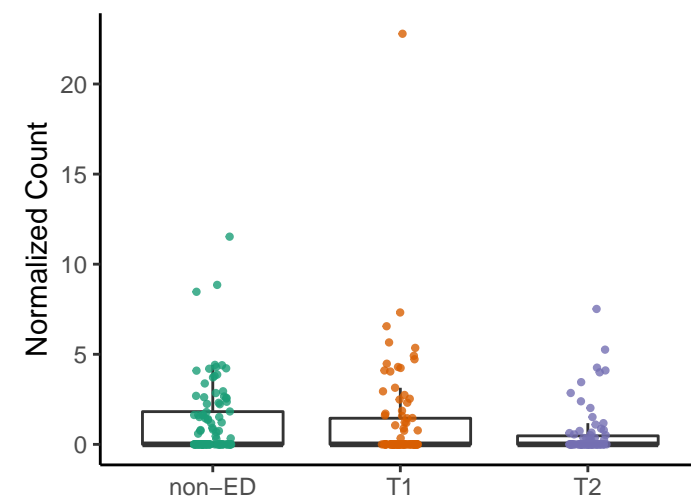
FUCCAT-PWY: fucose degradation

non-ED vs. T1 adjusted $p = 0.56$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.3$



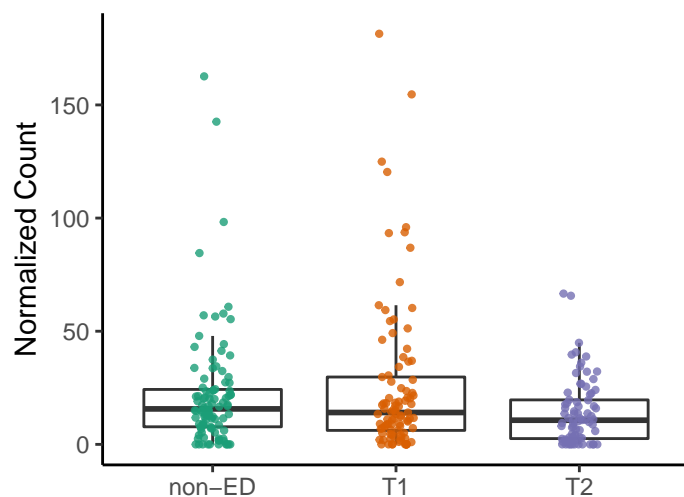
RUMP-PWY: formaldehyde oxidation I

non-ED vs. T1 adjusted $p = 0.89$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.2$



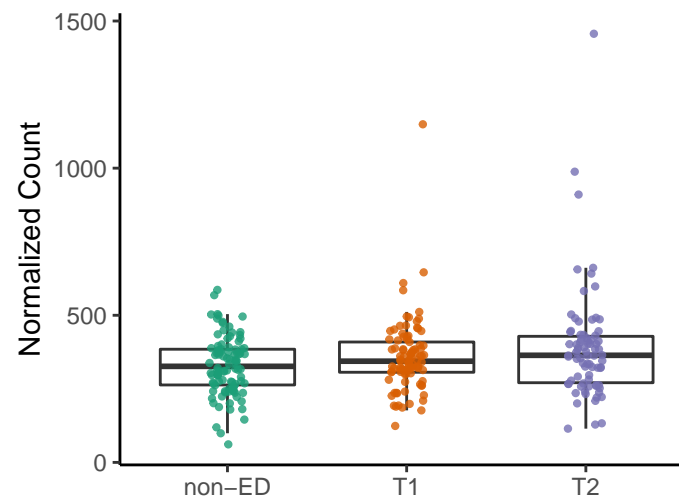
THISYN-PWY: superpathway of thiami

non-ED vs. T1 adjusted $p = 0.5$
non-ED vs. T2 adjusted $p = 0.052$
T1 vs. T2 adjusted $p = 0.019$



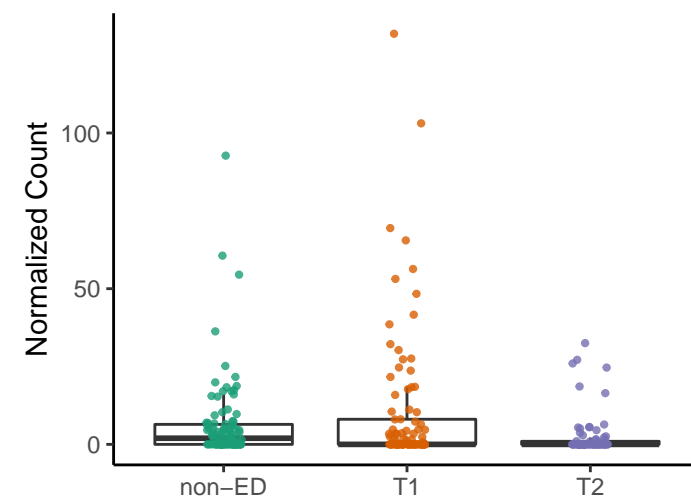
PANTO-PWY: phosphopantothenate b

non-ED vs. T1 adjusted $p = 0.14$
non-ED vs. T2 adjusted $p = 0.054$
T1 vs. T2 adjusted $p = 0.5$



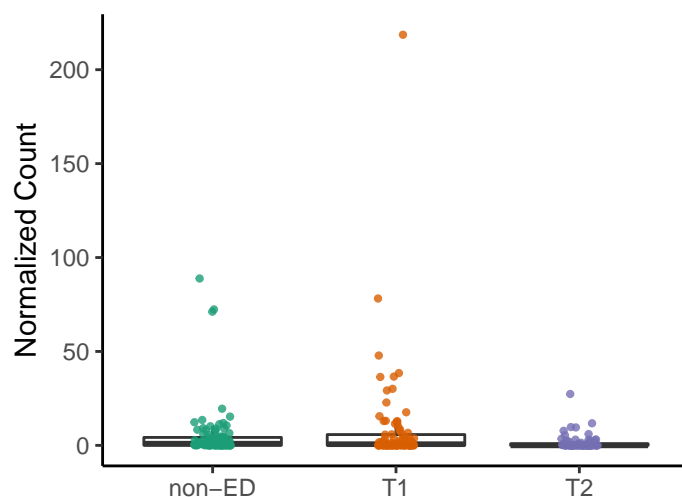
PWY-5838: superpathway of menaquin

non-ED vs. T1 adjusted $p = 0.23$
non-ED vs. T2 adjusted $p = 0.054$
T1 vs. T2 adjusted $p = 0.016$



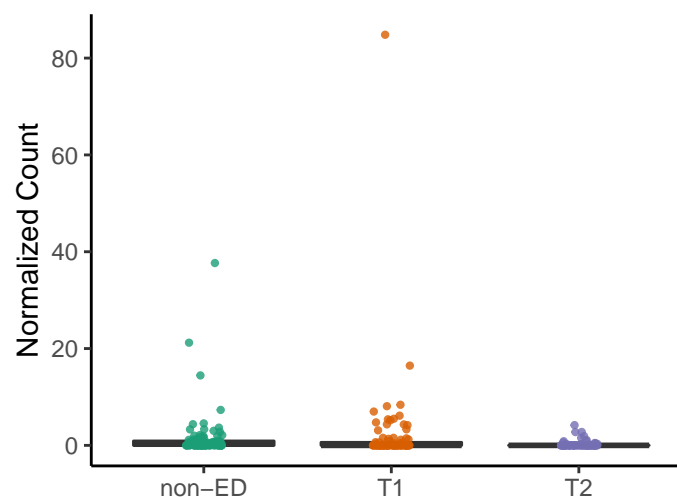
GLYOXYLATE-BYPASS: glyoxylate cyc

non-ED vs. T1 adjusted $p = 0.45$
non-ED vs. T2 adjusted $p = 0.056$
T1 vs. T2 adjusted $p = 0.018$



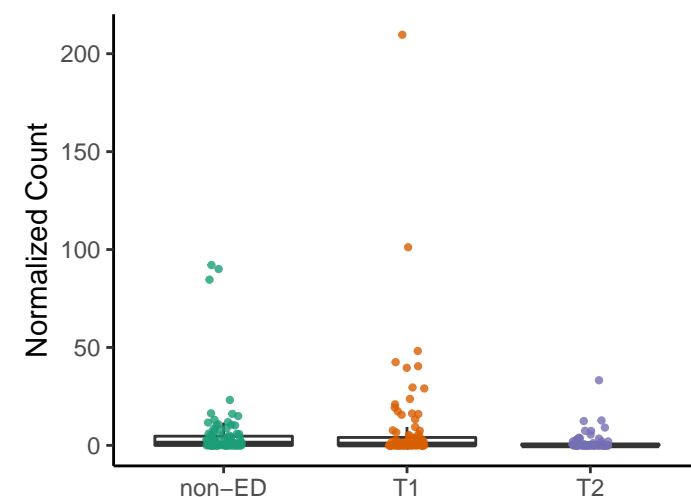
PWY-5705: allantoin degradation to gly

non-ED vs. T1 adjusted $p = 0.69$
non-ED vs. T2 adjusted $p = 0.057$
T1 vs. T2 adjusted $p = 0.023$



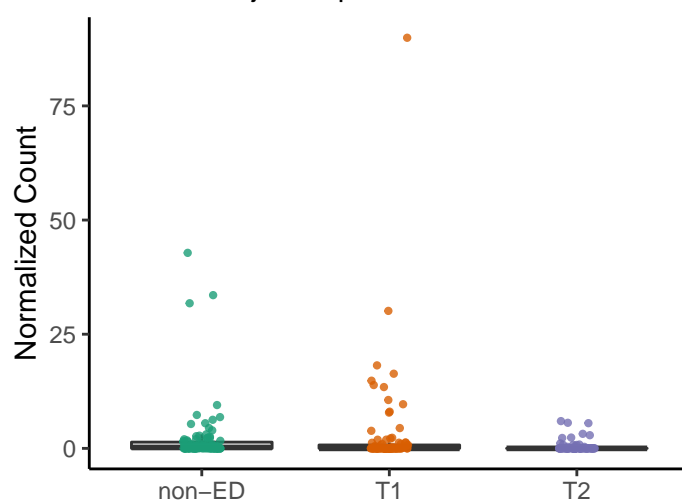
TCA-GLYOX-BYPASS: superpathway

non-ED vs. T1 adjusted $p = 0.5$
non-ED vs. T2 adjusted $p = 0.06$
T1 vs. T2 adjusted $p = 0.021$



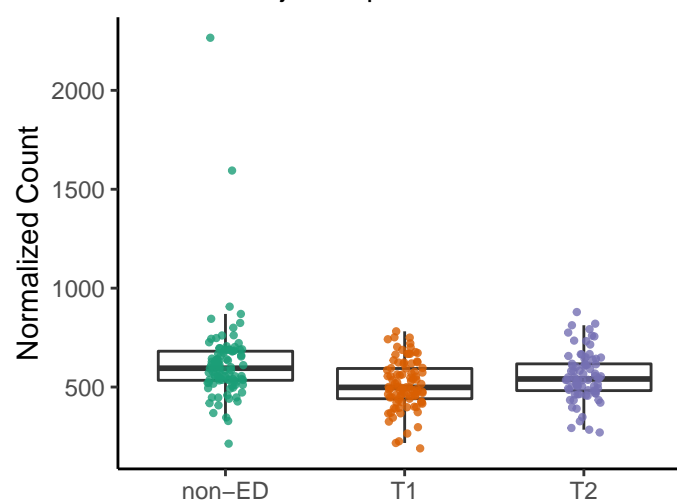
PWY-2723: trehalose degradation V

non-ED vs. T1 adjusted $p = 0.65$
non-ED vs. T2 adjusted $p = 0.064$
T1 vs. T2 adjusted $p = 0.027$



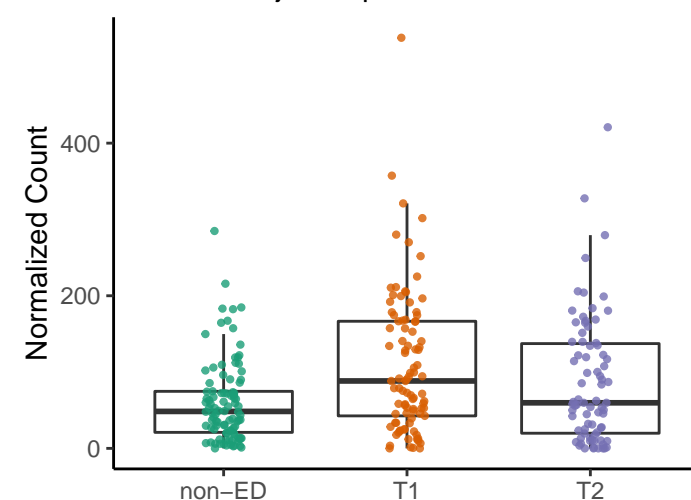
NONMEVIPP-PWY: methylerythritol p

non-ED vs. T1 adjusted $p = 0.00025$
non-ED vs. T2 adjusted $p = 0.065$
T1 vs. T2 adjusted $p = 0.047$



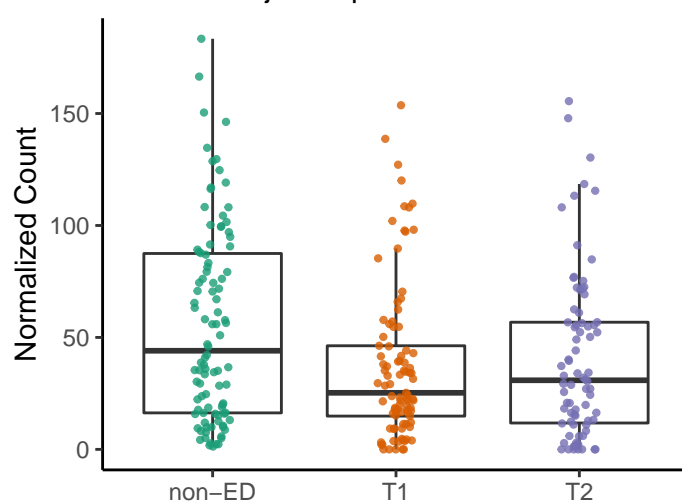
PYRIDOXSYN-PWY: pyridoxal 5'-phos

non-ED vs. T1 adjusted $p = 0.00011$
non-ED vs. T2 adjusted $p = 0.067$
T1 vs. T2 adjusted $p = 0.042$



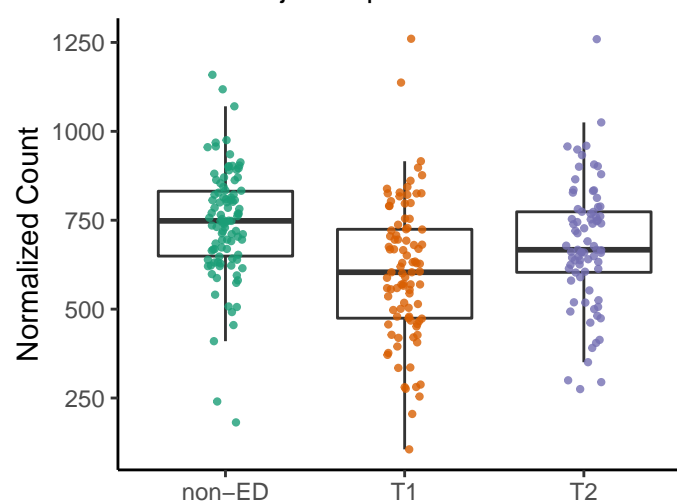
PYRIDNUCSAL-PWY: NAD salvage pa

non-ED vs. T1 adjusted $p = 0.0067$
non-ED vs. T2 adjusted $p = 0.068$
T1 vs. T2 adjusted $p = 0.5$



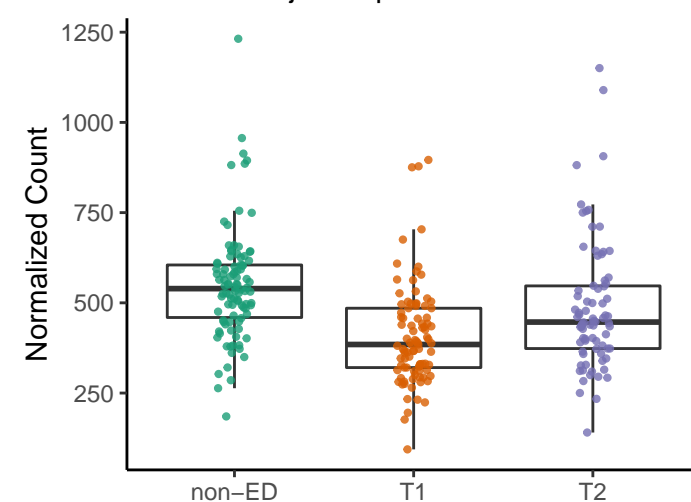
PWY-6737: starch degradation V

non-ED vs. T1 adjusted $p = 3.7e-06$
non-ED vs. T2 adjusted $p = 0.073$
T1 vs. T2 adjusted $p = 0.019$



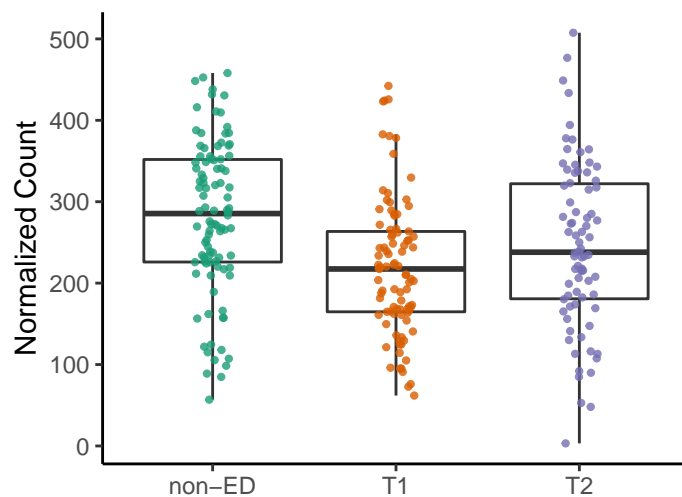
BRANCHED-CHAIN-AA-SYN-PWY:

non-ED vs. T1 adjusted $p = 9.2e-09$
non-ED vs. T2 adjusted $p = 0.075$
T1 vs. T2 adjusted $p = 0.0045$



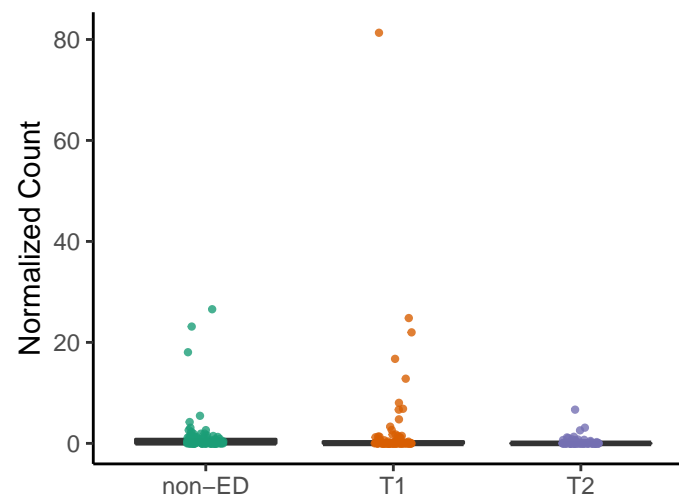
PWY-6527: stachyose degradation

non-ED vs. T1 adjusted $p = 2.8e-05$
non-ED vs. T2 adjusted $p = 0.076$
T1 vs. T2 adjusted $p = 0.13$



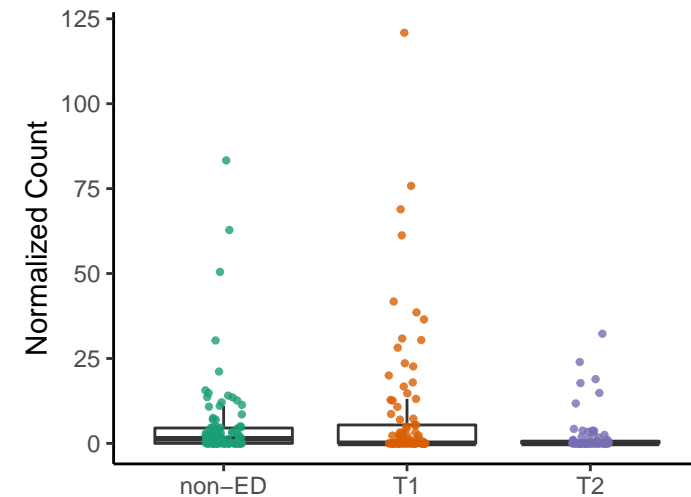
METHGLYUT-PWY: superpathway of m

non-ED vs. T1 adjusted $p = 0.47$
non-ED vs. T2 adjusted $p = 0.079$
T1 vs. T2 adjusted $p = 0.05$



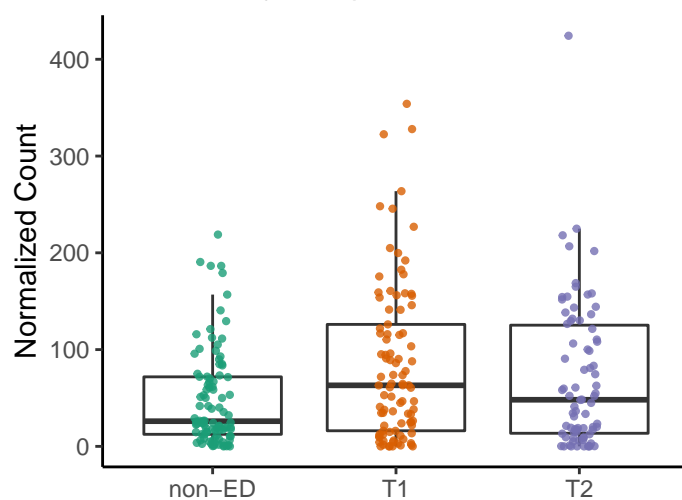
PWY-5861: superpathway of demethyl

non-ED vs. T1 adjusted $p = 0.29$
non-ED vs. T2 adjusted $p = 0.086$
T1 vs. T2 adjusted $p = 0.018$



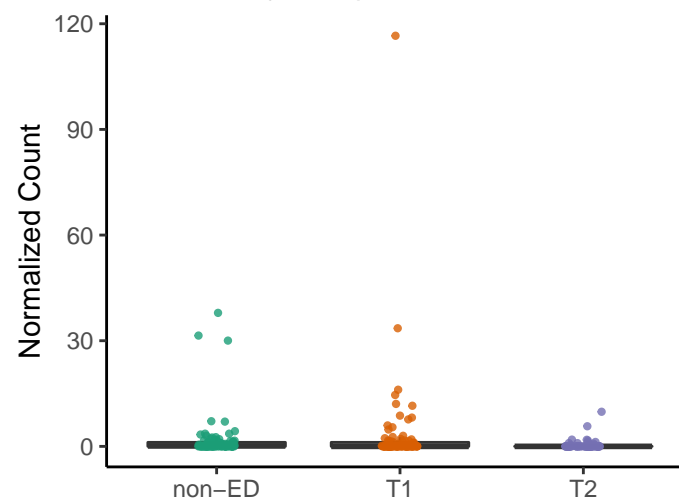
ARGININE-SYN4-PWY: L-ornithine d

non-ED vs. T1 adjusted $p = 0.0015$
non-ED vs. T2 adjusted $p = 0.089$
T1 vs. T2 adjusted $p = 0.12$



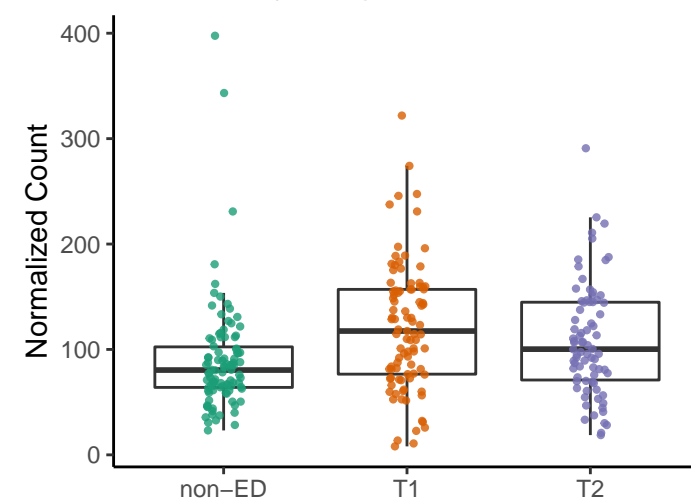
GLYCOL-GLYOXDEG-PWY: superpat

non-ED vs. T1 adjusted $p = 0.53$
non-ED vs. T2 adjusted $p = 0.089$
T1 vs. T2 adjusted $p = 0.03$



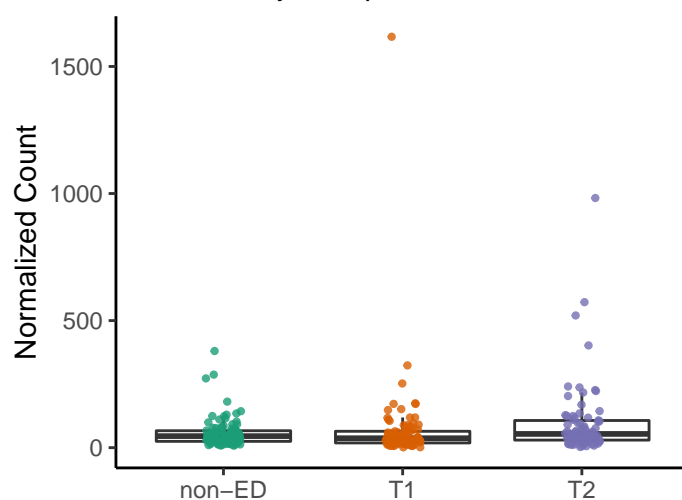
PWY-7197: pyrimidine deoxyribonucle

non-ED vs. T1 adjusted $p = 0.0011$
non-ED vs. T2 adjusted $p = 0.089$
T1 vs. T2 adjusted $p = 0.15$



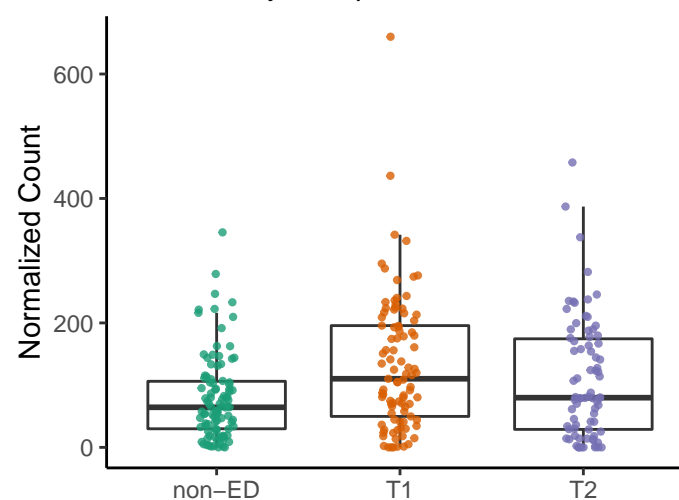
PWY-7237: myo-, chiro- and scillo-ir

non-ED vs. T1 adjusted $p = 0.68$
non-ED vs. T2 adjusted $p = 0.089$
T1 vs. T2 adjusted $p = 0.38$



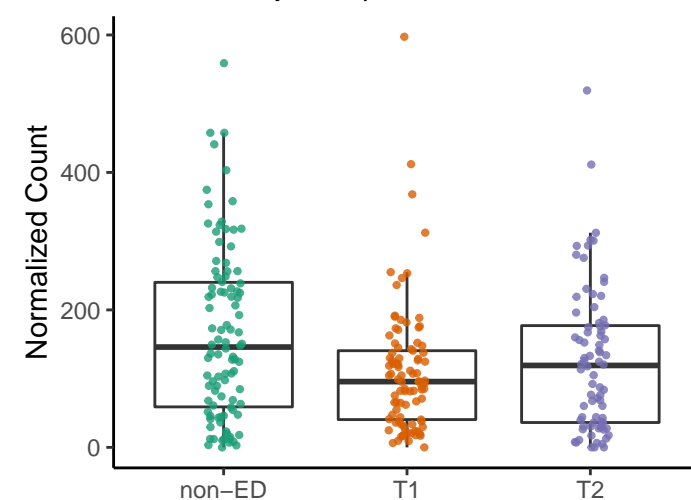
PWY0-845: superpathway of pyridoxal

non-ED vs. T1 adjusted $p = 0.00046$
non-ED vs. T2 adjusted $p = 0.09$
T1 vs. T2 adjusted $p = 0.063$



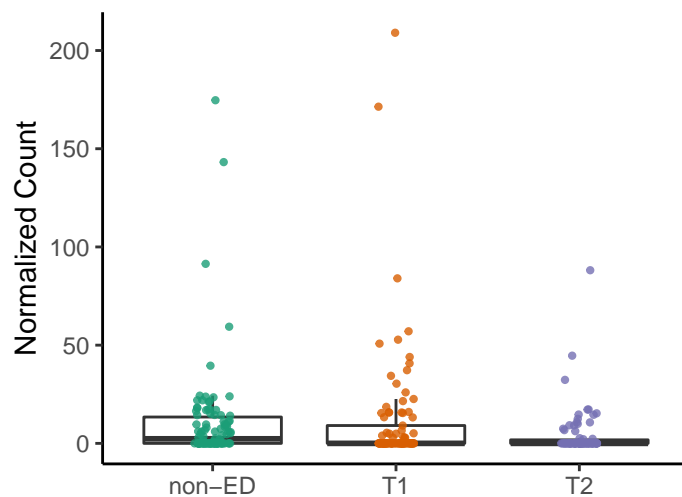
OANTIGEN-PWY: O-antigen building

non-ED vs. T1 adjusted $p = 0.0026$
non-ED vs. T2 adjusted $p = 0.091$
T1 vs. T2 adjusted $p = 0.14$



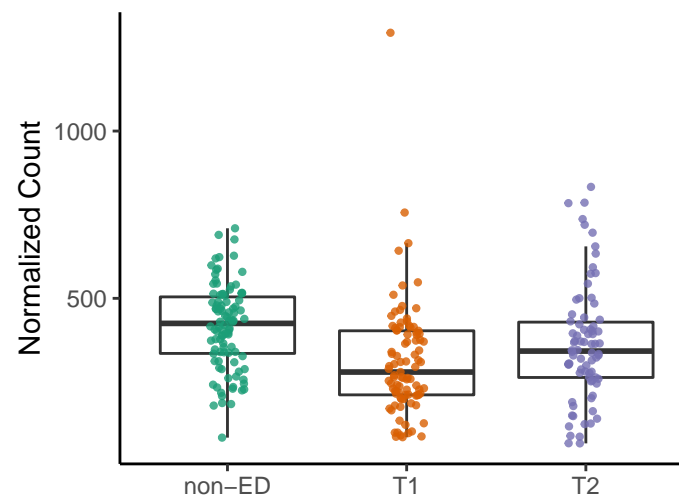
ENTBACSYN-PWY: enterobactin biosy

non-ED vs. T1 adjusted $p = 0.89$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.1$



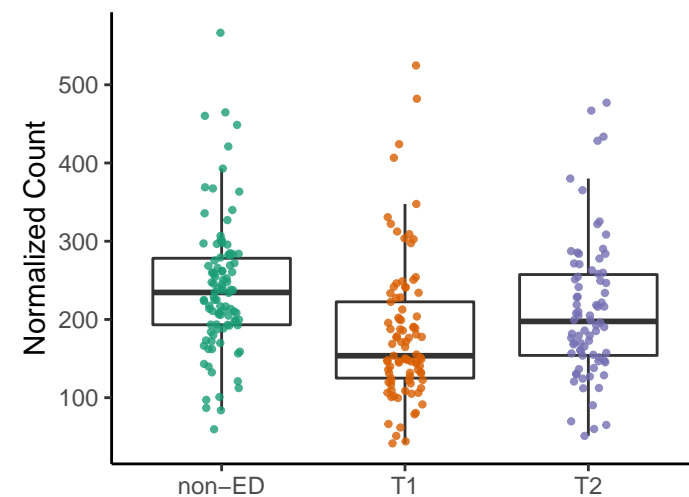
NONOXIPENT-PWY: pentose phosph

non-ED vs. T1 adjusted $p = 3.5e-05$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.022$



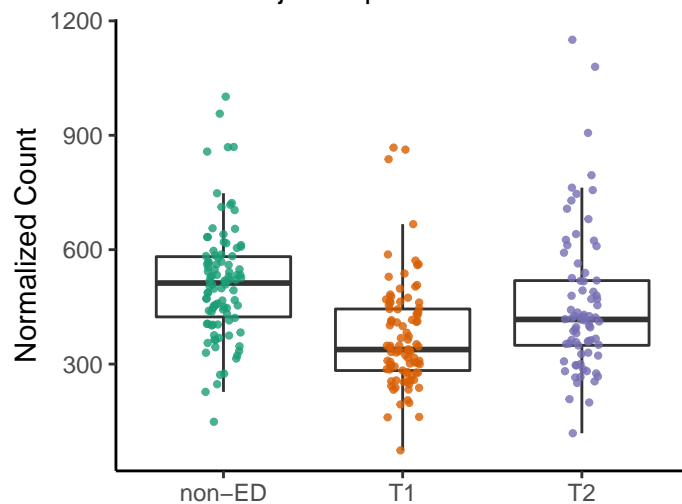
PWY-5100: pyruvate fermentation to a

non-ED vs. T1 adjusted $p = 4.7e-05$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.05$



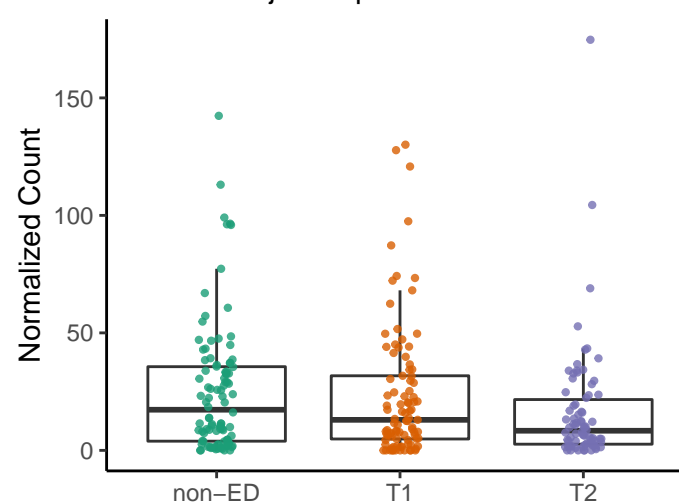
PWY-5103: L-isoleucine biosynthesis

non-ED vs. T1 adjusted $p = 5.5e-09$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.0045$



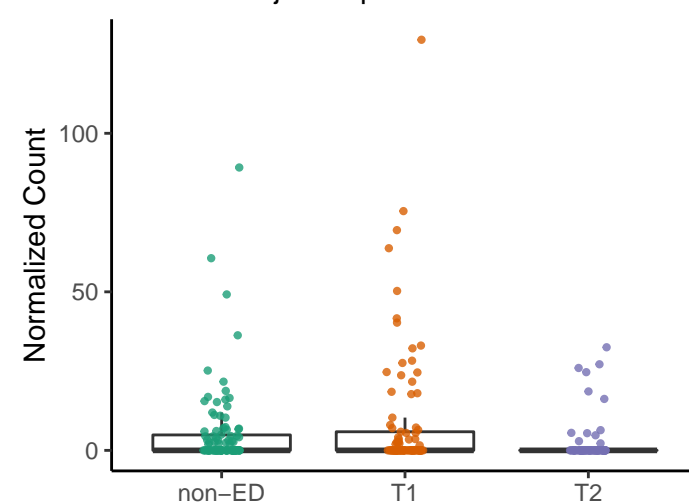
PWY-5345: superpathway of L-methio

non-ED vs. T1 adjusted $p = 0.77$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.17$



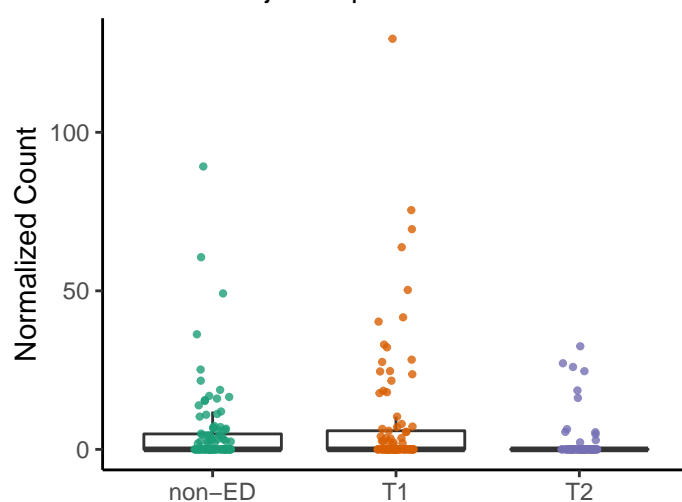
PWY-5845: superpathway of menaquin

non-ED vs. T1 adjusted $p = 0.3$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.018$



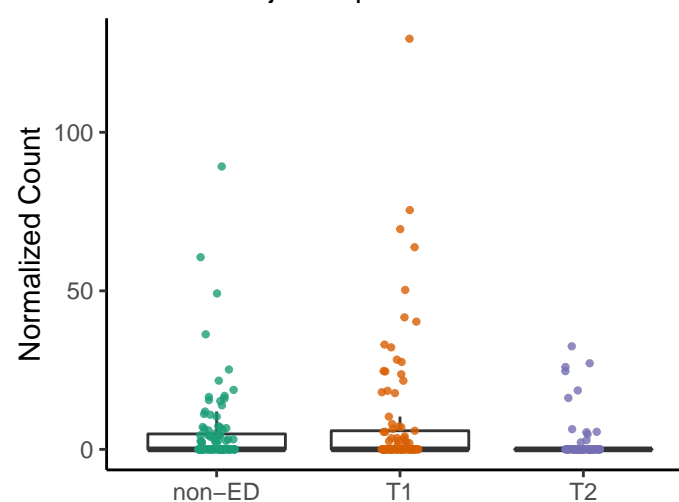
PWY-5850: superpathway of menaquir

non-ED vs. T1 adjusted $p = 0.3$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.018$



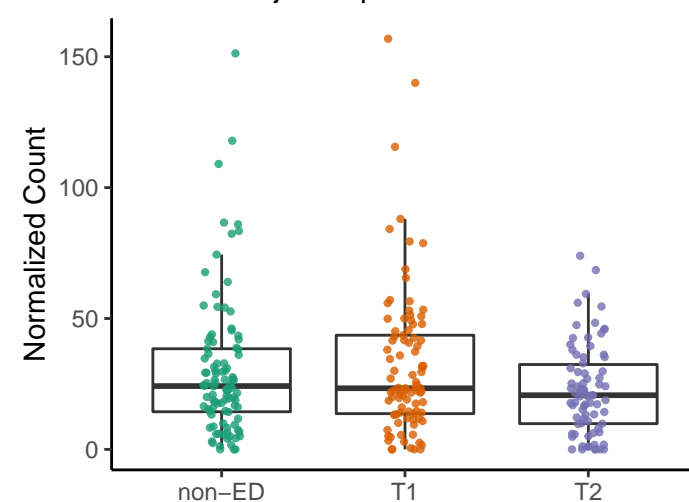
PWY-5896: superpathway of menaquir

non-ED vs. T1 adjusted $p = 0.3$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.018$



PWY-6901: superpathway of glucose a

non-ED vs. T1 adjusted $p = 0.68$
non-ED vs. T2 adjusted $p = 0.093$
T1 vs. T2 adjusted $p = 0.021$

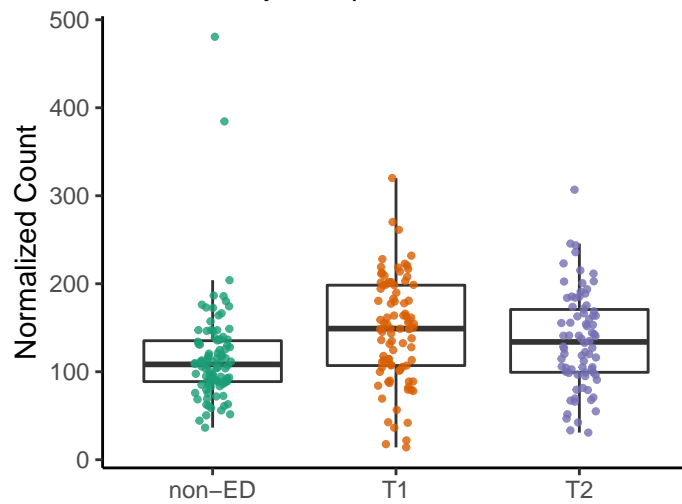


PWY-7184: pyrimidine deoxyribonucle

non-ED vs. T1 adjusted $p = 0.0017$

non-ED vs. T2 adjusted $p = 0.093$

T1 vs. T2 adjusted $p = 0.14$

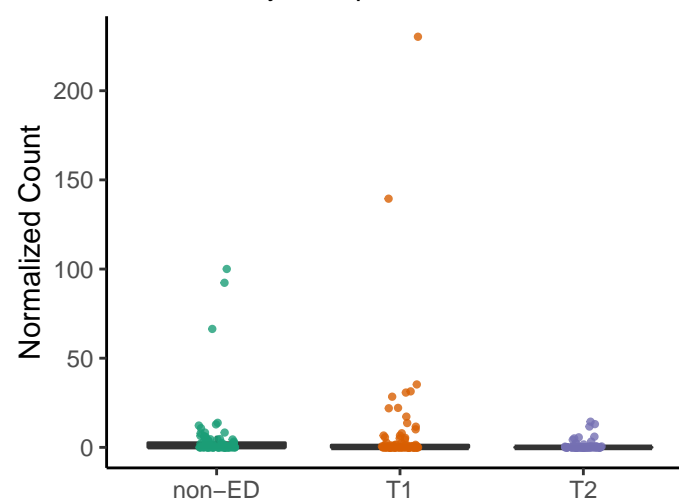


PWY-7315: dTDP-N-acetylthomosam

non-ED vs. T1 adjusted $p = 0.54$

non-ED vs. T2 adjusted $p = 0.093$

T1 vs. T2 adjusted $p = 0.08$

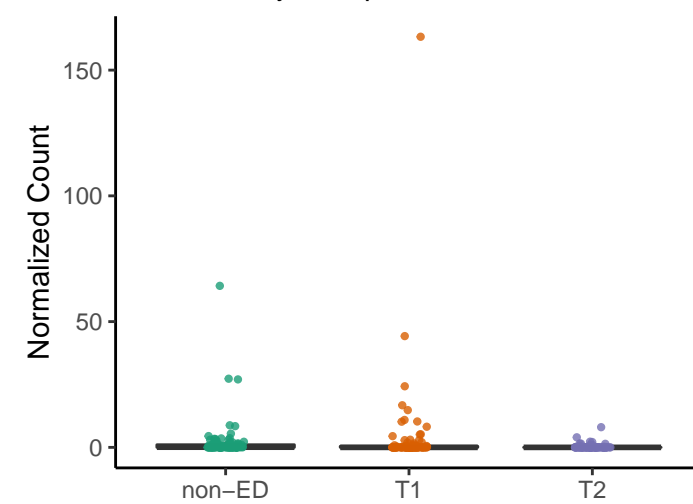


PWY-7409: phospholipid remodeling (p

non-ED vs. T1 adjusted $p = 0.53$

non-ED vs. T2 adjusted $p = 0.093$

T1 vs. T2 adjusted $p = 0.044$

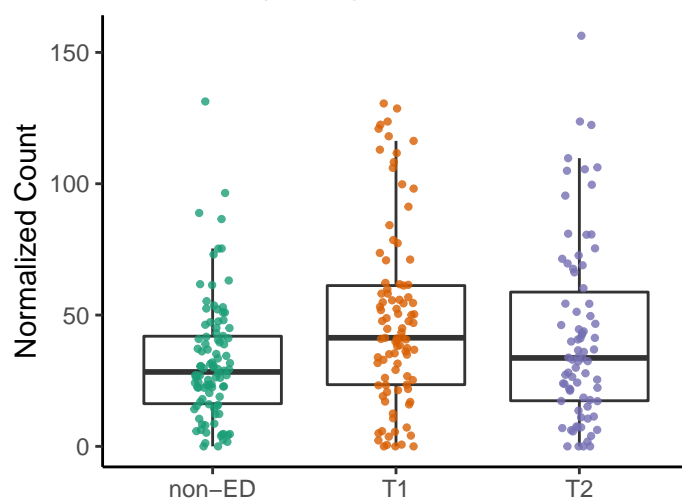


PWY66-399: gluconeogenesis III

non-ED vs. T1 adjusted $p = 0.00074$

non-ED vs. T2 adjusted $p = 0.093$

T1 vs. T2 adjusted $p = 0.11$

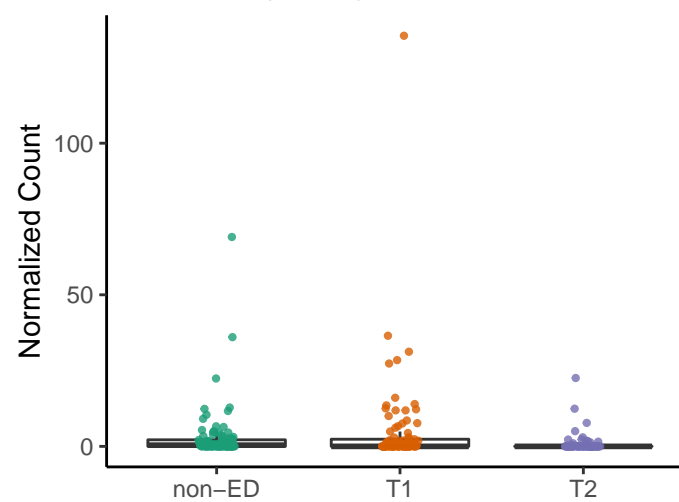


PWY-6803: phosphatidylcholine acyl e

non-ED vs. T1 adjusted $p = 0.44$

non-ED vs. T2 adjusted $p = 0.095$

T1 vs. T2 adjusted $p = 0.019$

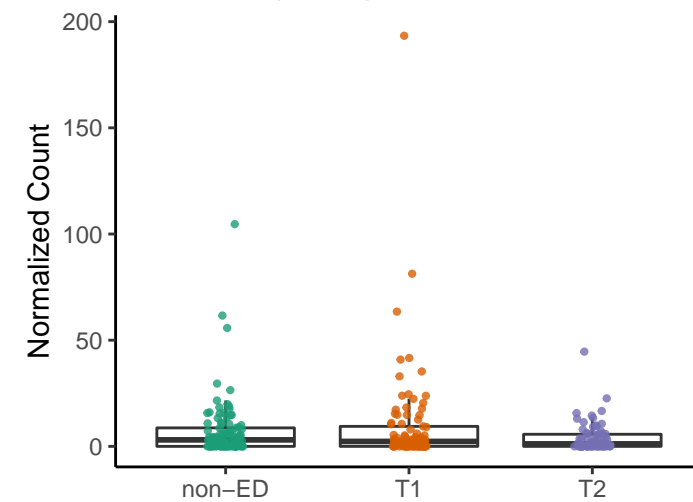


FUC-RHAMCAT-PWY: superpathway

non-ED vs. T1 adjusted $p = 0.55$

non-ED vs. T2 adjusted $p = 0.096$

T1 vs. T2 adjusted $p = 0.042$

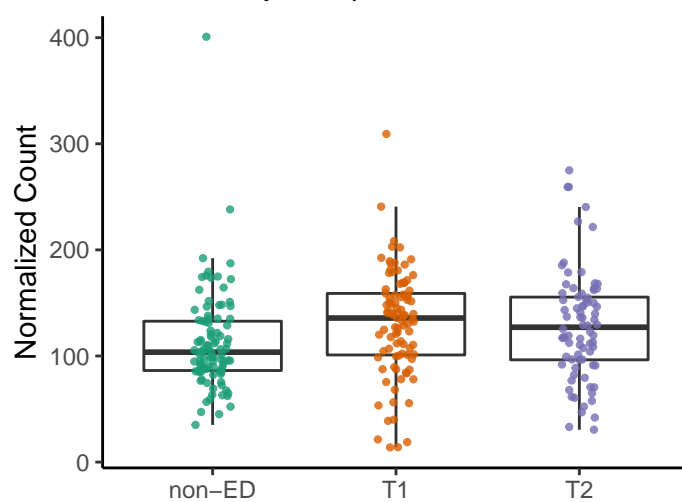


PWY-6545: pyrimidine deoxyribonucle

non-ED vs. T1 adjusted $p = 0.028$

non-ED vs. T2 adjusted $p = 0.096$

T1 vs. T2 adjusted $p = 0.61$

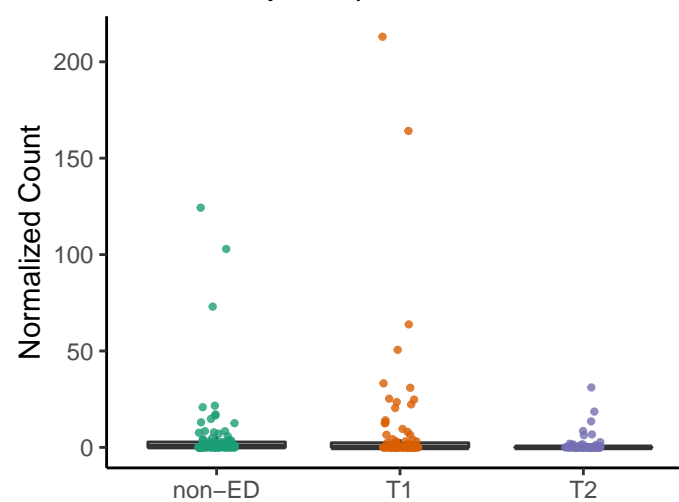


PWY-6891: thiazole biosynthesis II (Bæ

non-ED vs. T1 adjusted $p = 0.51$

non-ED vs. T2 adjusted $p = 0.096$

T1 vs. T2 adjusted $p = 0.063$

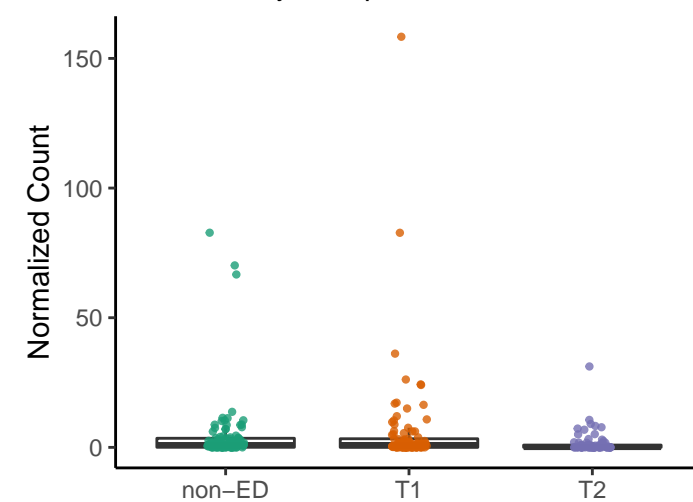


PWY-7254: TCA cycle VII (acetate-pro

non-ED vs. T1 adjusted $p = 0.6$

non-ED vs. T2 adjusted $p = 0.096$

T1 vs. T2 adjusted $p = 0.05$

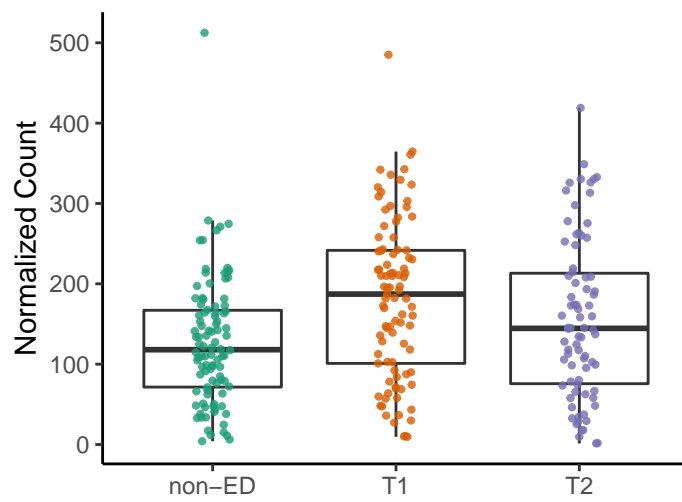


PWY-7663: gondoate biosynthesis (an

non-ED vs. T1 adjusted $p = 0.00022$

non-ED vs. T2 adjusted $p = 0.096$

T1 vs. T2 adjusted $p = 0.021$



P161-PWY: acetylene degradation

non-ED vs. T1 adjusted $p = 0.0098$

non-ED vs. T2 adjusted $p = 0.1$

T1 vs. T2 adjusted $p = 0.45$

