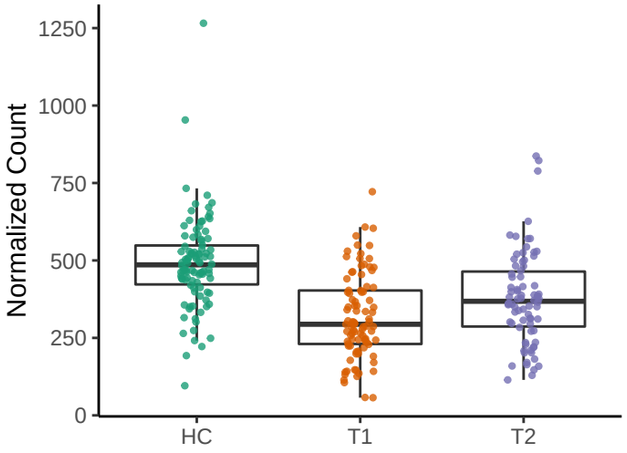
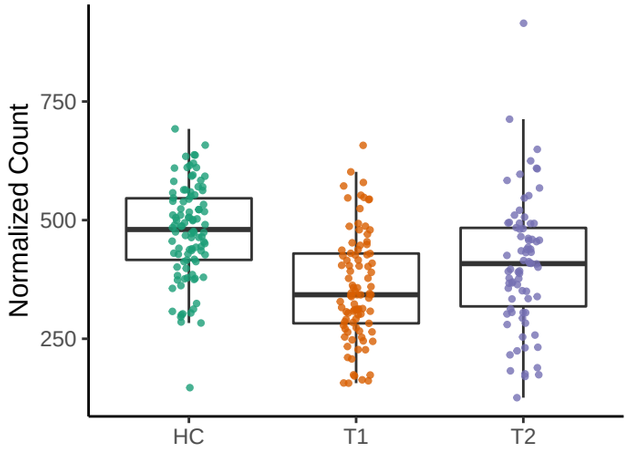
DTDPRHAMSYN−PWY: dTDP−L−rha

HC vs. T1 adjusted p = 6.6e−12
HC vs. T2 adjusted p = 0.00014
T1 vs. T2 adjusted p = 0.011



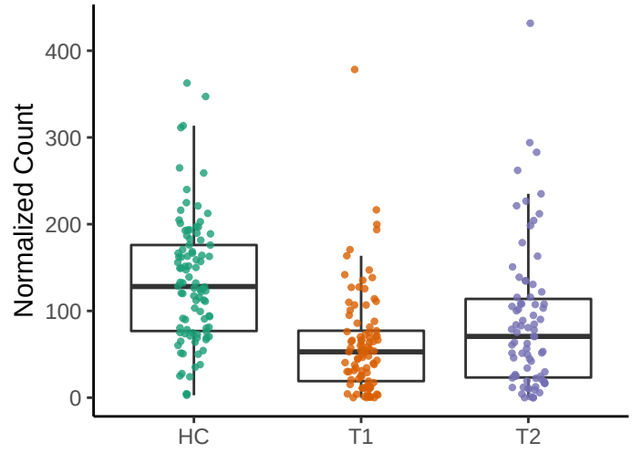
CALVIN−PWY: Calvin−Benson−Bassha

HC vs. T1 adjusted p = 1.5e−10
HC vs. T2 adjusted p = 0.0048
T1 vs. T2 adjusted p = 0.018



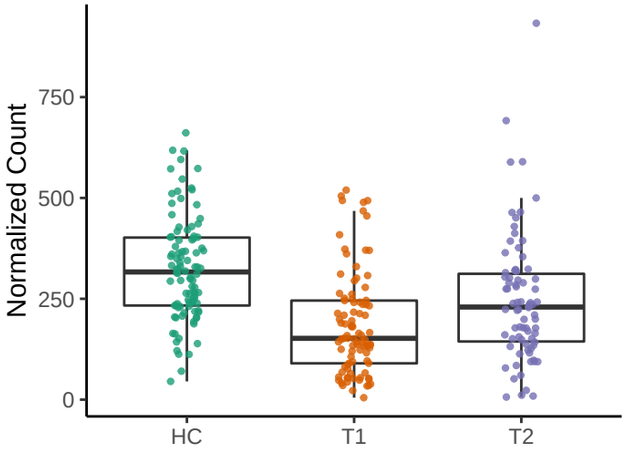
PWY−5177: glutaryl−CoA degradation

HC vs. T1 adjusted p = 1.8e−10
HC vs. T2 adjusted p = 0.0023
T1 vs. T2 adjusted p = 0.019



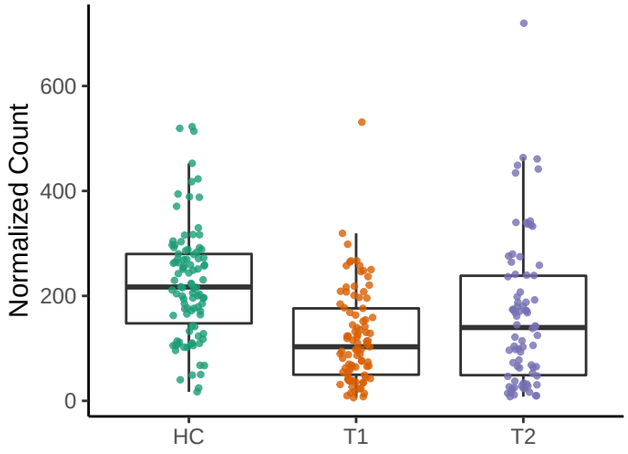
PWY−621: sucrose degradation III (suc

HC vs. T1 adjusted p = 1.8e−10
HC vs. T2 adjusted p = 0.0099
T1 vs. T2 adjusted p = 0.018



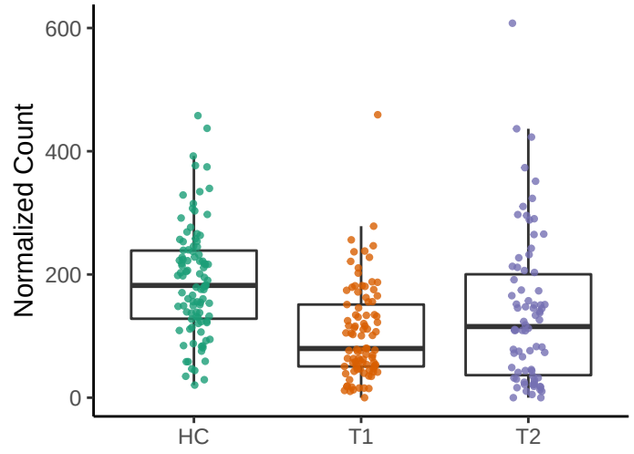
PWY−7242: D−fructuronate degradatio

HC vs. T1 adjusted p = 9.7e−10
HC vs. T2 adjusted p = 0.019
T1 vs. T2 adjusted p = 0.027



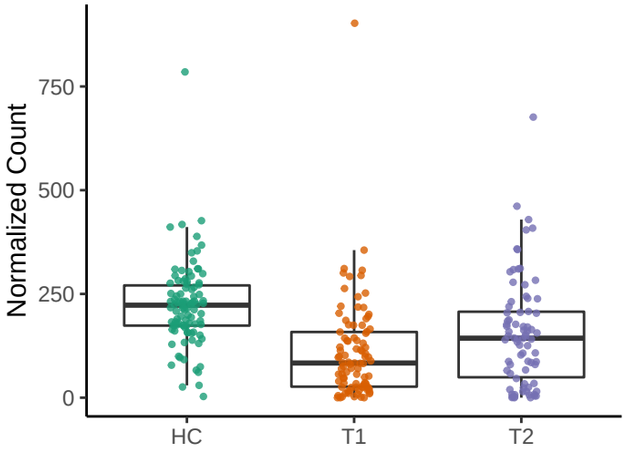
GLUCUROCAT−PWY: superpathway of

HC vs. T1 adjusted p = 2.4e−09
HC vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.033



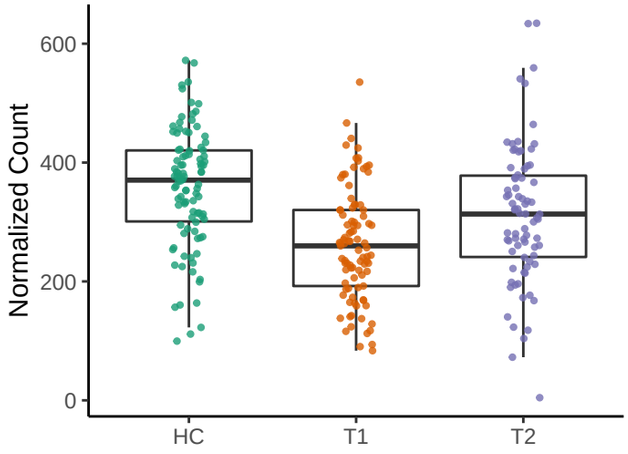
COBALSYN−PWY: adenosylcobalamin

HC vs. T1 adjusted p = 4.3e−09
HC vs. T2 adjusted p = 0.0041
T1 vs. T2 adjusted p = 0.0069



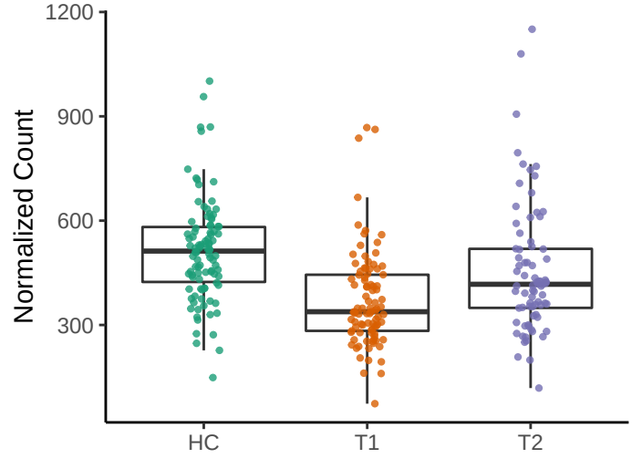
PWY66−422: D−galactose degradation

HC vs. T1 adjusted p = 5.3e−09
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.008



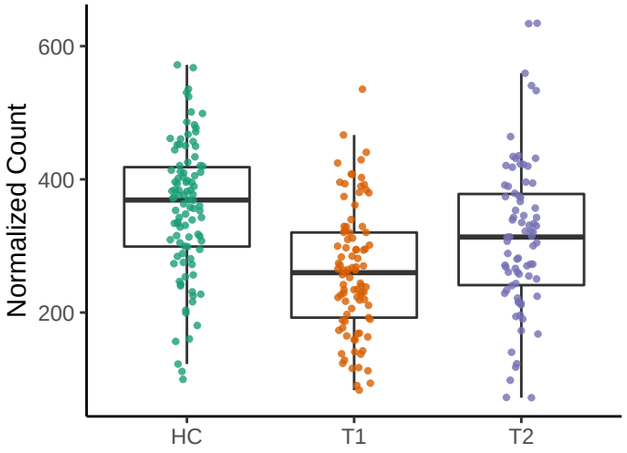
PWY−5103: L−isoleucine biosynthesis

HC vs. T1 adjusted p = 5.5e−09
HC vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.0045



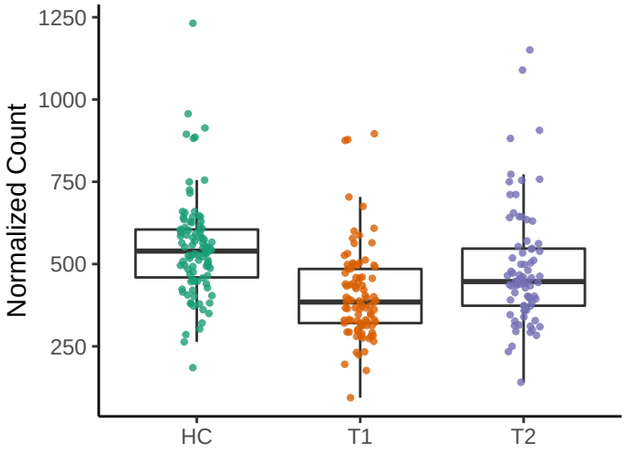
PWY−6317: galactose degradation I (L

HC vs. T1 adjusted p = 6e−09
HC vs. T2 adjusted p = 0.048
T1 vs. T2 adjusted p = 0.0069



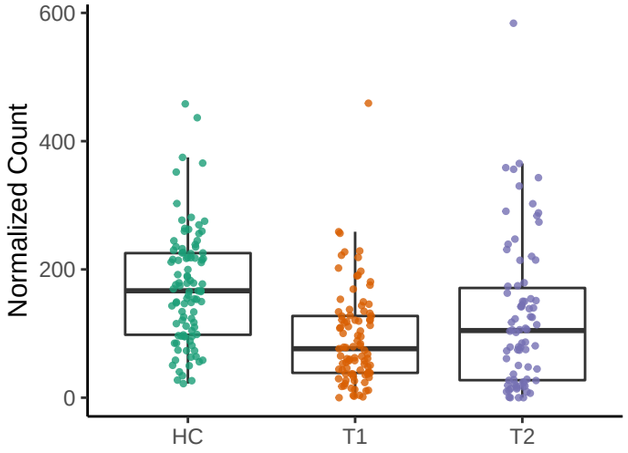
BRANCHED−CHAIN−AA−SYN−PWY:

HC vs. T1 adjusted p = 9.2e−09
HC vs. T2 adjusted p = 0.075
T1 vs. T2 adjusted p = 0.0045



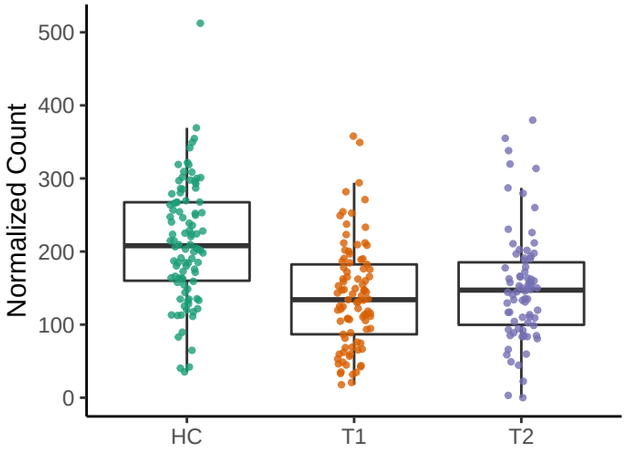
GALACT−GLUCUROCAT−PWY: super

HC vs. T1 adjusted p = 9.2e−09
HC vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.033



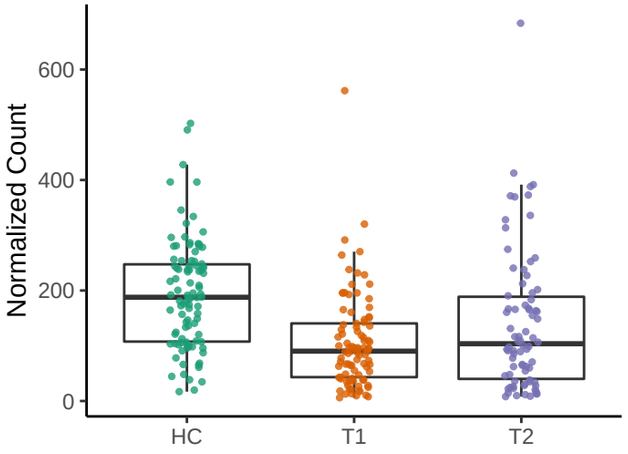
PWY−5347: superpathway of L−methio

HC vs. T1 adjusted p = 9.2e−09
HC vs. T2 adjusted p = 4.5e−05
T1 vs. T2 adjusted p = 0.24



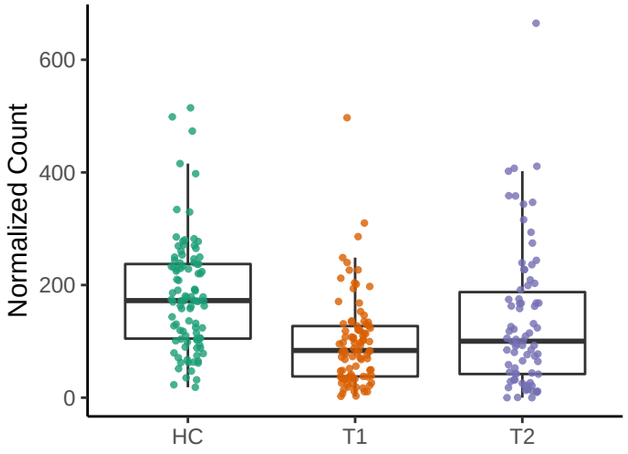
PWY−6507: 4−deoxy−L−threo−hex−4−

HC vs. T1 adjusted p = 1.8e−08
HC vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.042



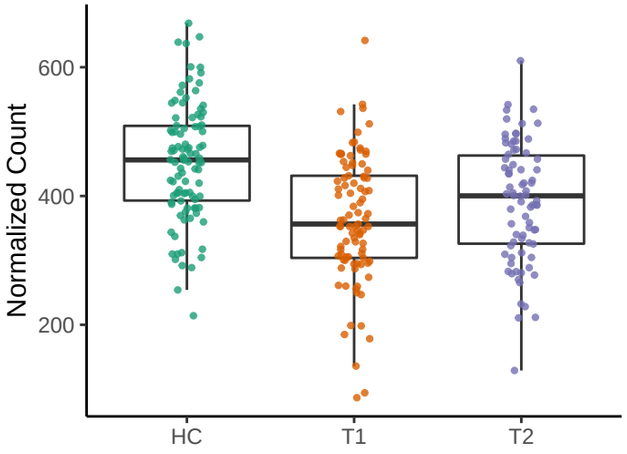
GALACTUROCAT−PWY: D−galacturon

HC vs. T1 adjusted p = 1.9e−08
HC vs. T2 adjusted p = 0.045
T1 vs. T2 adjusted p = 0.029



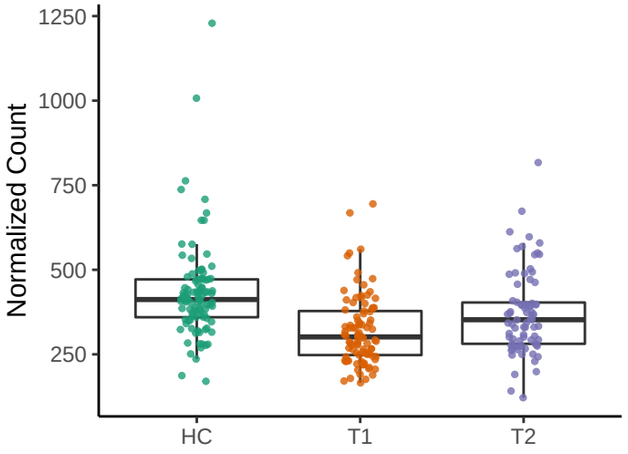
TRNA−CHARGING−PWY: tRNA chargi

HC vs. T1 adjusted p = 1.9e−08
HC vs. T2 adjusted p = 0.00067
T1 vs. T2 adjusted p = 0.078



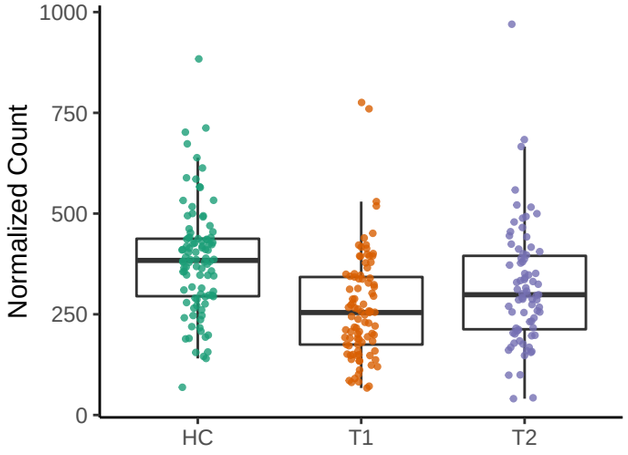
PWY−3001: superpathway of L−isoleu

HC vs. T1 adjusted p = 8.9e−08
HC vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.0069



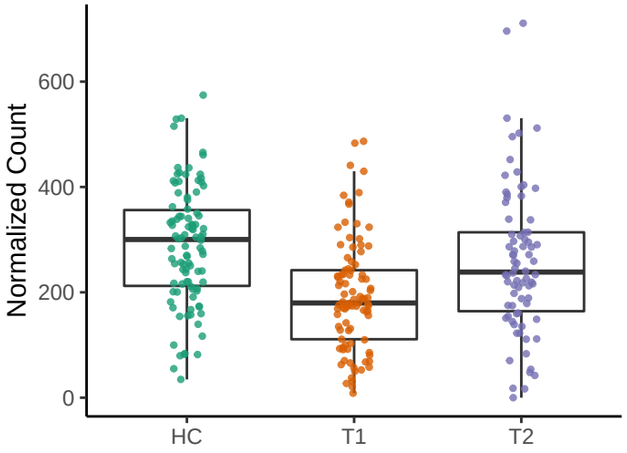
PWY−7357: thiamin formation from py

HC vs. T1 adjusted p = 9.8e−08
HC vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.011



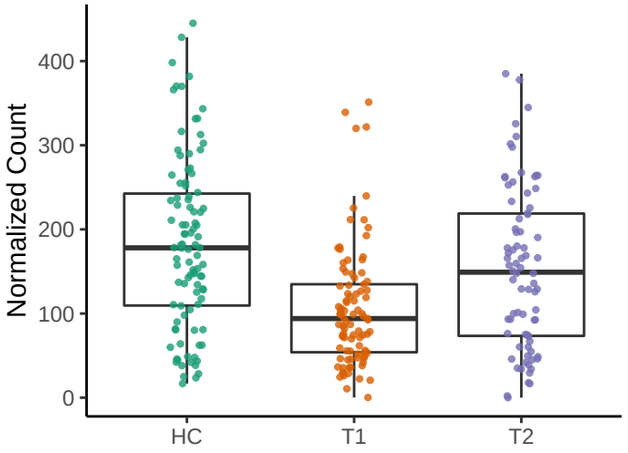
SER−GLYSYN−PWY: superpathway of

HC vs. T1 adjusted p = 1.3e−07
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.0045



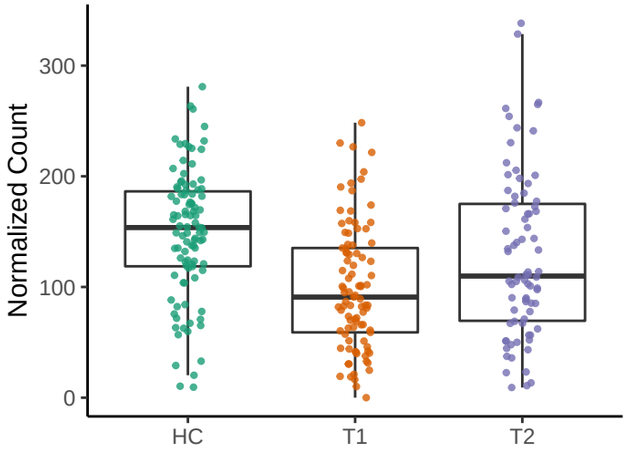
GLYCOGENSYNTH−PWY: glycogen bi

HC vs. T1 adjusted p = 1.7e−07
HC vs. T2 adjusted p = 0.12
T1 vs. T2 adjusted p = 0.016



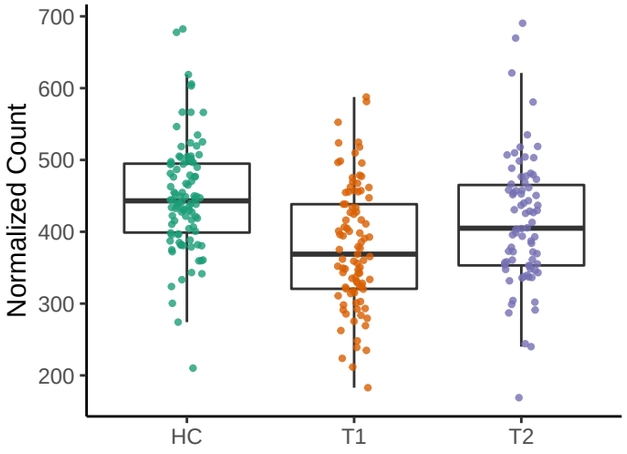
PWY−7199: pyrimidine deoxyribonucleo

HC vs. T1 adjusted p = 1.8e−07
HC vs. T2 adjusted p = 0.11
T1 vs. T2 adjusted p = 0.022



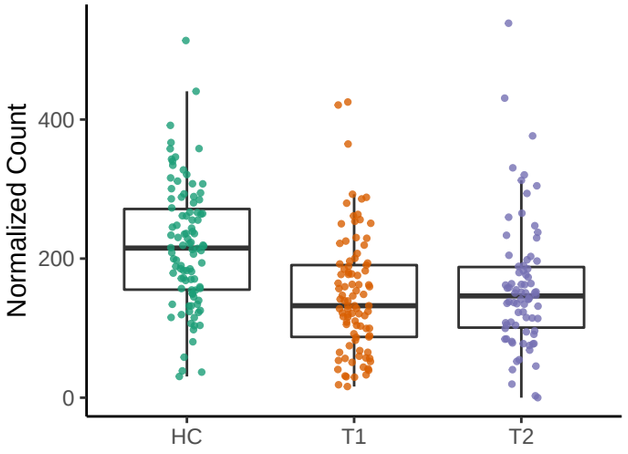
PWY−724: superpathway of L−lysine, L

HC vs. T1 adjusted p = 2.6e−07
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.024



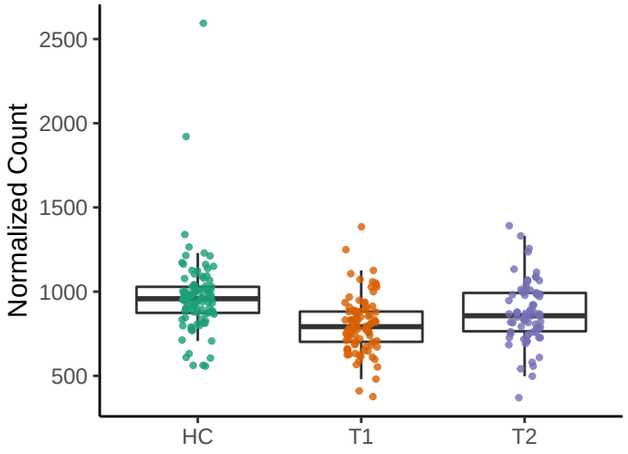
METSYN−PWY: L−homoserine and L−

HC vs. T1 adjusted p = 9.3e−07
HC vs. T2 adjusted p = 0.00095
T1 vs. T2 adjusted p = 0.32



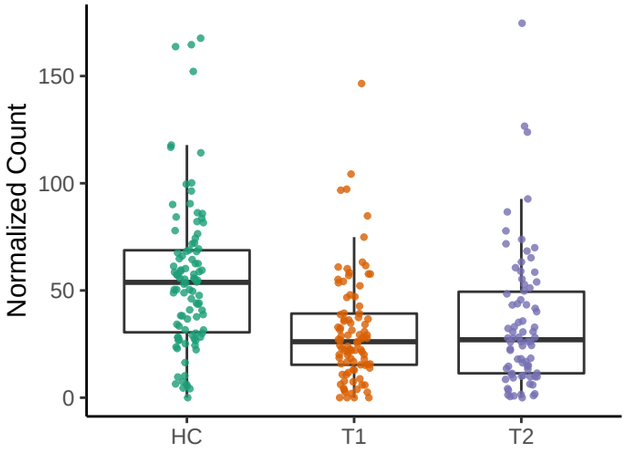
PWY−7219: adenosine ribonucleotides

HC vs. T1 adjusted p = 1.1e−06
HC vs. T2 adjusted p = 0.028
T1 vs. T2 adjusted p = 0.02



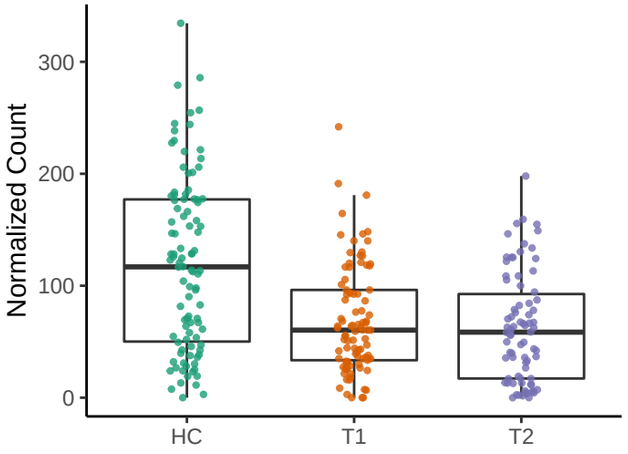
POLYAMSYN−PWY: superpathway of p

HC vs. T1 adjusted p = 1.1e−06
HC vs. T2 adjusted p = 0.0013
T1 vs. T2 adjusted p = 0.43



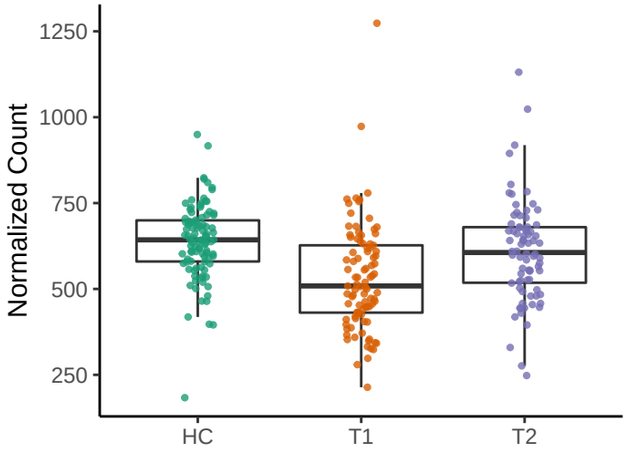
PWY0−781: aspartate superpathway

HC vs. T1 adjusted p = 1.8e−06
HC vs. T2 adjusted p = 3.9e−06
T1 vs. T2 adjusted p = 0.6



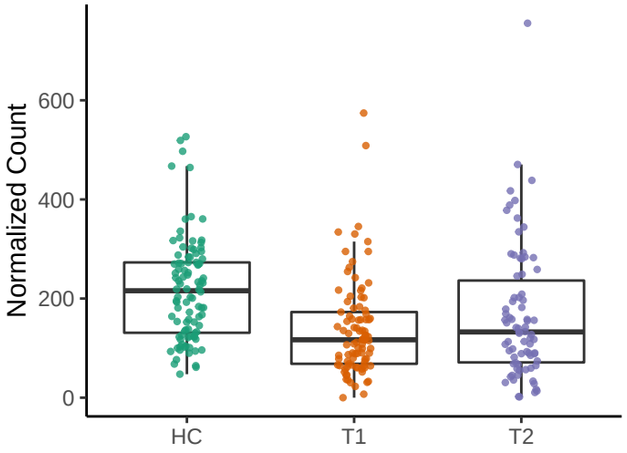
ARO−PWY: chorismate biosynthesis I

HC vs. T1 adjusted p = 2.6e−06
HC vs. T2 adjusted p = 0.24
T1 vs. T2 adjusted p = 0.0058



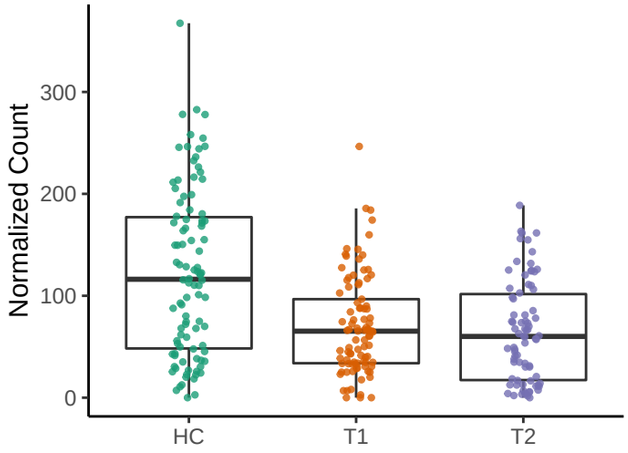
GLCMANNANAUT−PWY: superpathwa

HC vs. T1 adjusted p = 2.8e−06
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.071



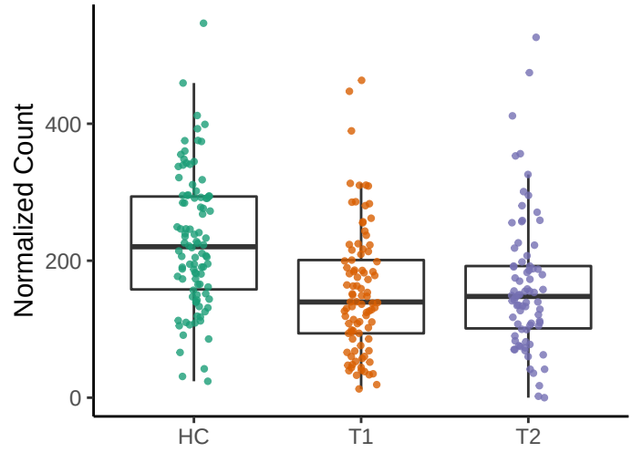
P4−PWY: superpathway of L−lysine, L-

HC vs. T1 adjusted p = 3.1e−06
HC vs. T2 adjusted p = 3.9e−06
T1 vs. T2 adjusted p = 0.59



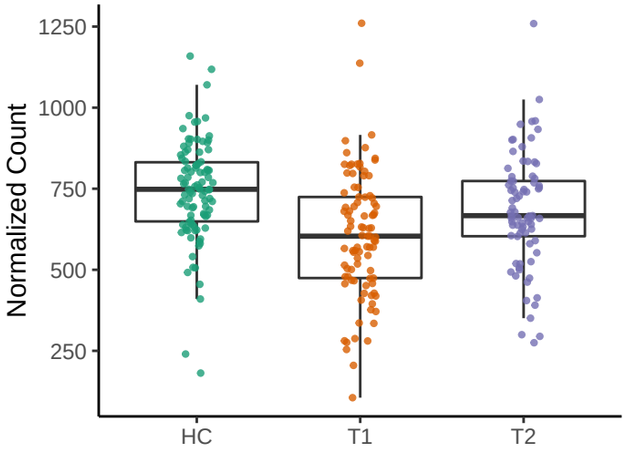
MET−SAM−PWY: superpathway of S−a

HC vs. T1 adjusted p = 3.5e−06
HC vs. T2 adjusted p = 0.00095
T1 vs. T2 adjusted p = 0.49



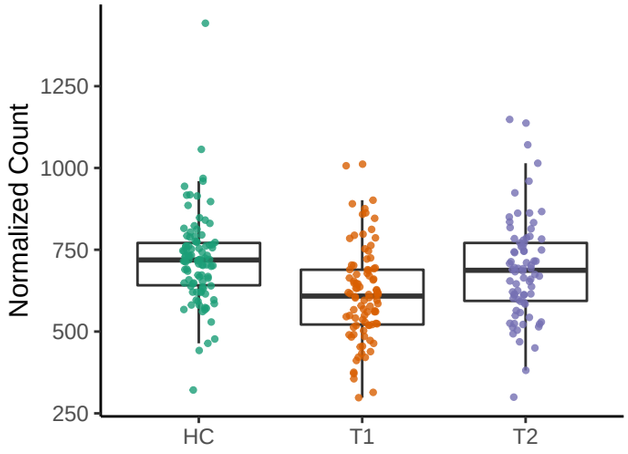
PWY−6737: starch degradation V

HC vs. T1 adjusted p = 3.7e−06
HC vs. T2 adjusted p = 0.073
T1 vs. T2 adjusted p = 0.019



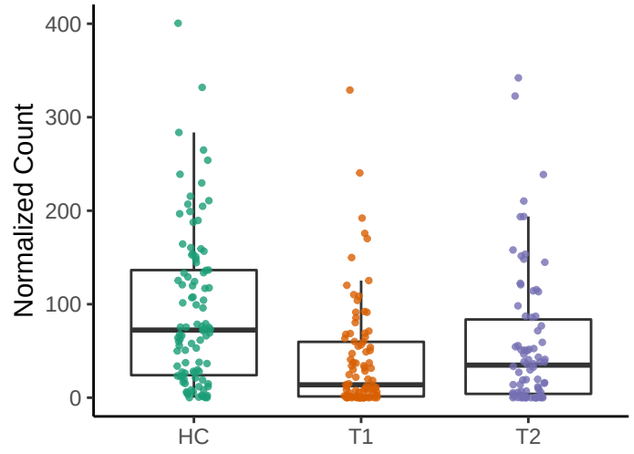
PWY−5686: UMP biosynthesis

HC vs. T1 adjusted p = 4.7e−06
HC vs. T2 adjusted p = 0.31
T1 vs. T2 adjusted p = 0.011



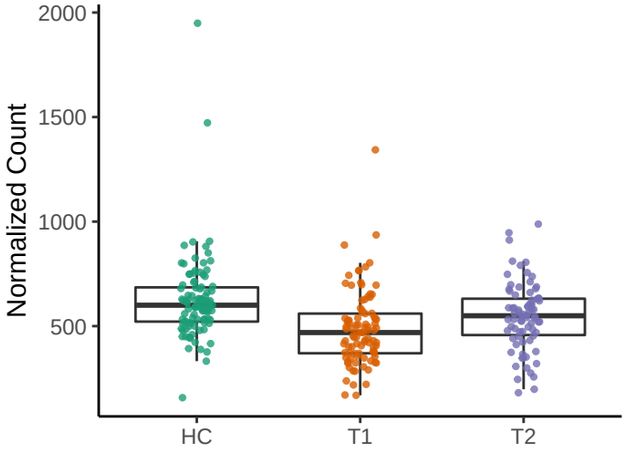
PWY−5367: petroselinate biosynthesis

HC vs. T1 adjusted p = 9.1e−06
HC vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.29



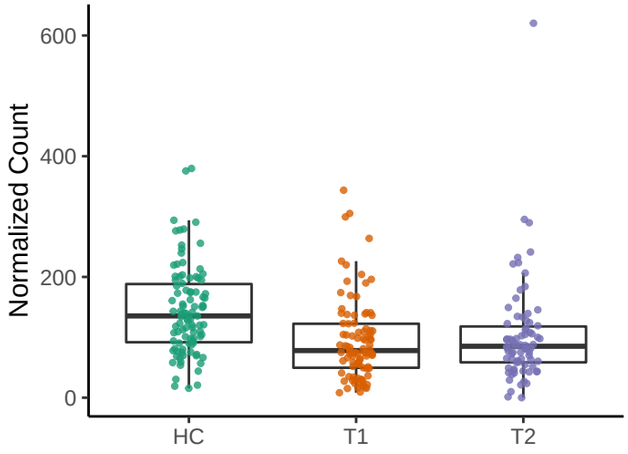
PWY−6151: S−adenosyl−L−methionin

HC vs. T1 adjusted p = 1.5e−05
HC vs. T2 adjusted p = 0.033
T1 vs. T2 adjusted p = 0.011



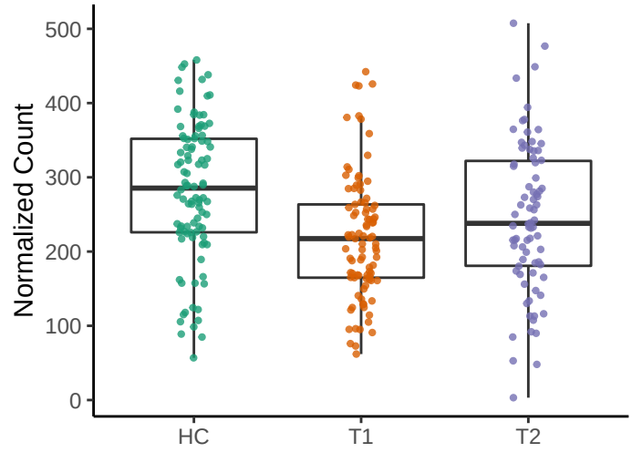
HOMOSER−METSYN−PWY: L−methio

HC vs. T1 adjusted p = 1.9e−05
HC vs. T2 adjusted p = 0.01
T1 vs. T2 adjusted p = 0.32



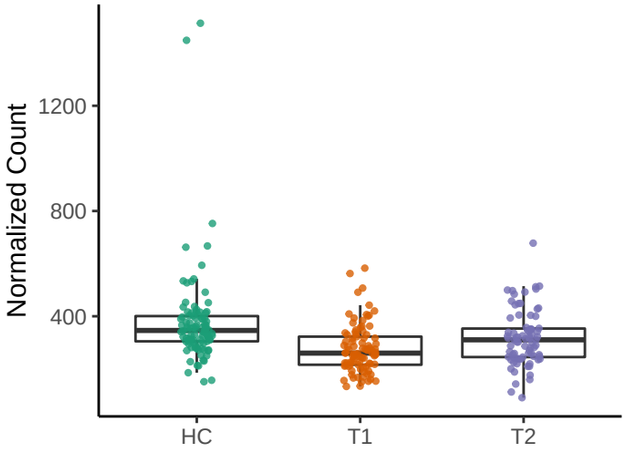
PWY−6527: stachyose degradation

HC vs. T1 adjusted p = 2.8e−05
HC vs. T2 adjusted p = 0.076
T1 vs. T2 adjusted p = 0.13



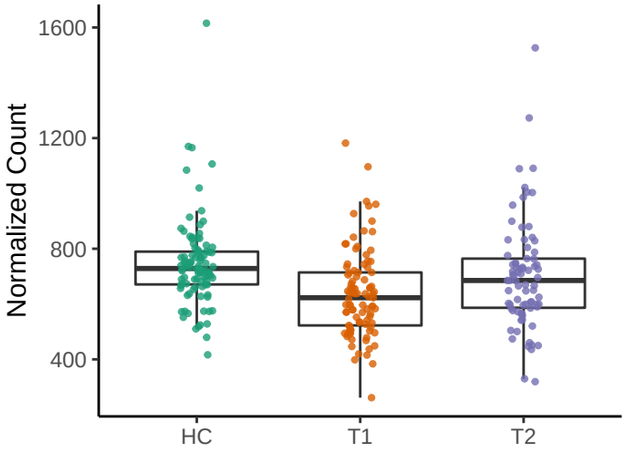
THRESYN−PWY: superpathway of L−

HC vs. T1 adjusted p = 2.8e−05
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.016



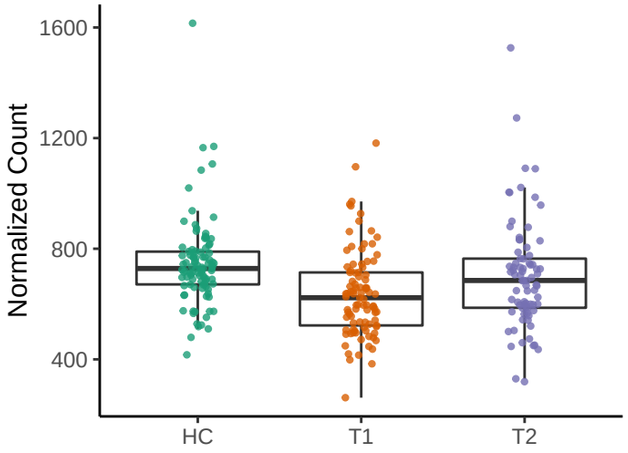
ILEUSYN−PWY: L−isoleucine biosynth

HC vs. T1 adjusted p = 3.4e−05
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.027



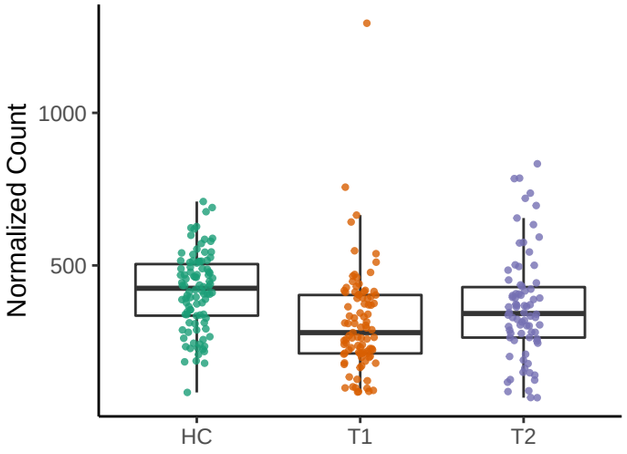
VALSYN−PWY: L−valine biosynthesis

HC vs. T1 adjusted p = 3.4e−05
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.027



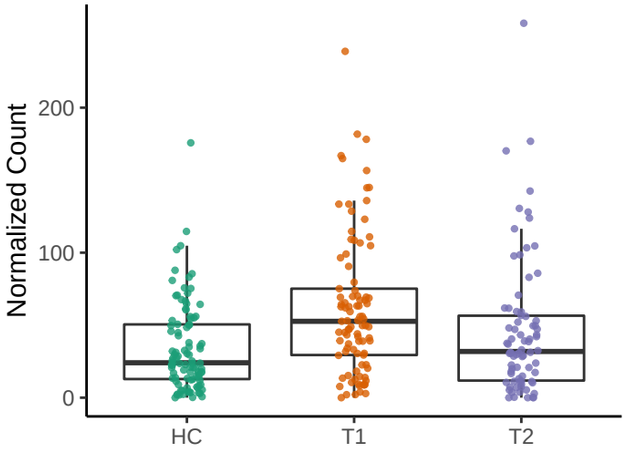
NONOXIPENT−PWY: pentose phosph

HC vs. T1 adjusted p = 3.5e−05
HC vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.022



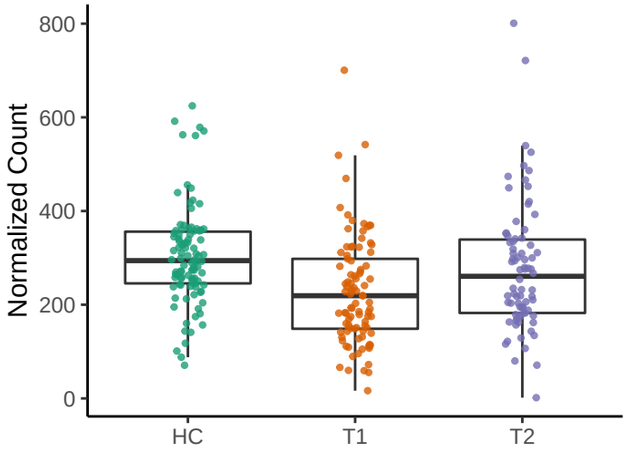
PWY−1269: CMP−3−deoxy−D−manno

HC vs. T1 adjusted p = 4e−05
HC vs. T2 adjusted p = 0.14
T1 vs. T2 adjusted p = 0.025



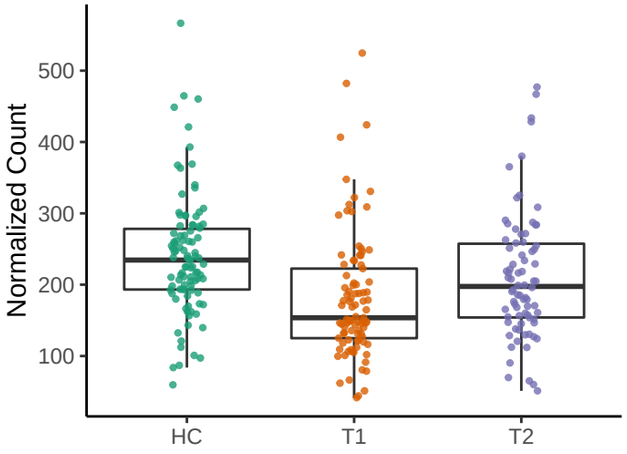
PWY−6123: inosine−5'−phosphate bios

HC vs. T1 adjusted p = 4e−05
HC vs. T2 adjusted p = 0.27
T1 vs. T2 adjusted p = 0.017



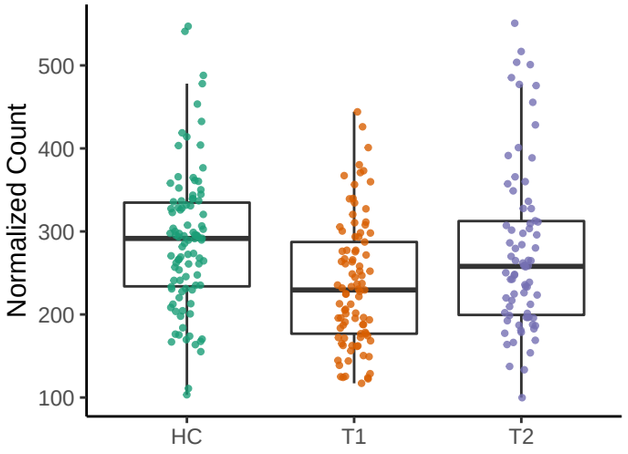
PWY−5100: pyruvate fermentation to a

HC vs. T1 adjusted p = 4.7e−05
HC vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.05



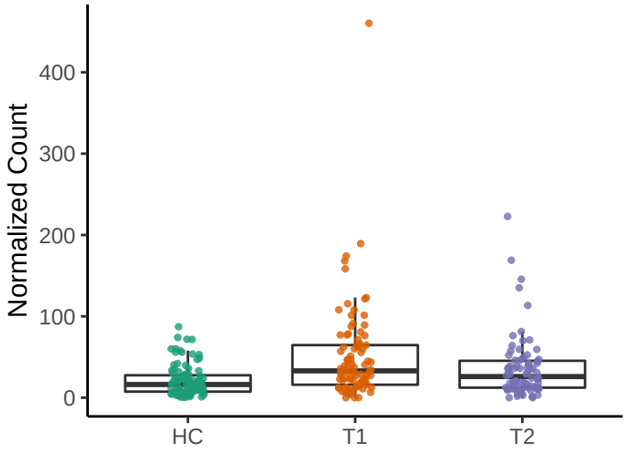
PWY−6609: adenine and adenosine sa

HC vs. T1 adjusted p = 8.6e−05
HC vs. T2 adjusted p = 0.49
T1 vs. T2 adjusted p = 0.022

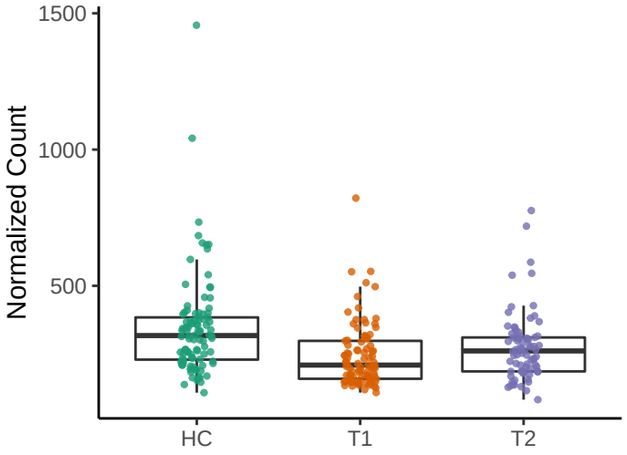


CITRULBIO−PWY: L−citrulline biosynth

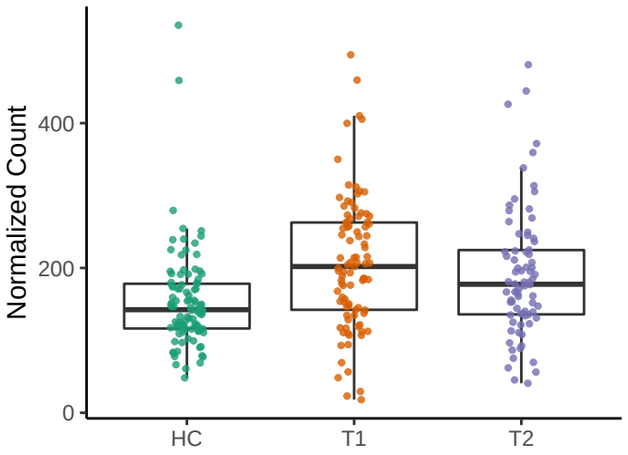
HC vs. T1 adjusted p = 9.4e−05
HC vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.11



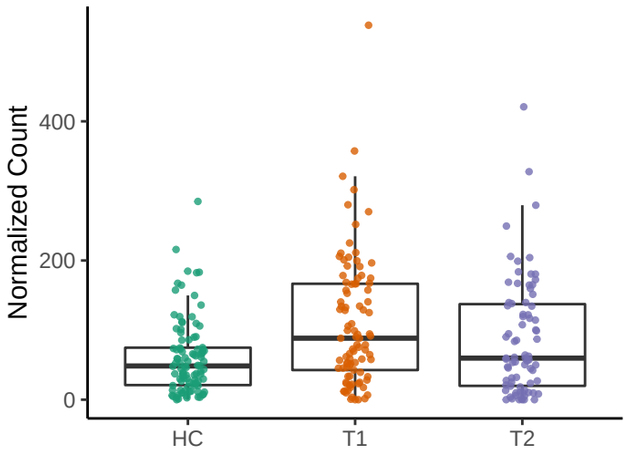
HISTSYN−PWY: L−histidine biosynthe
HC vs. T1 adjusted p = 0.00011
HC vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.027



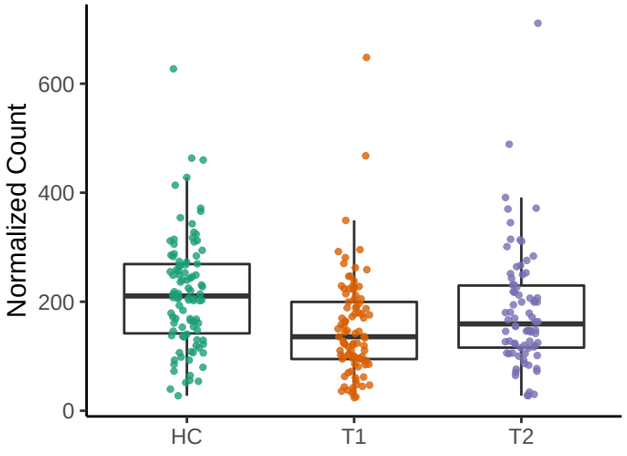
PWY−7228: superpathway of guanosin
HC vs. T1 adjusted p = 0.00011
HC vs. T2 adjusted p = 0.025
T1 vs. T2 adjusted p = 0.15



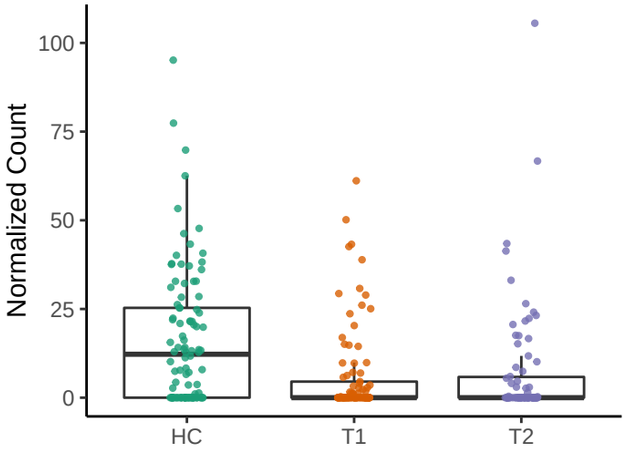
PYRIDOXSYN−PWY: pyridoxal 5'−phos
HC vs. T1 adjusted p = 0.00011
HC vs. T2 adjusted p = 0.067
T1 vs. T2 adjusted p = 0.042



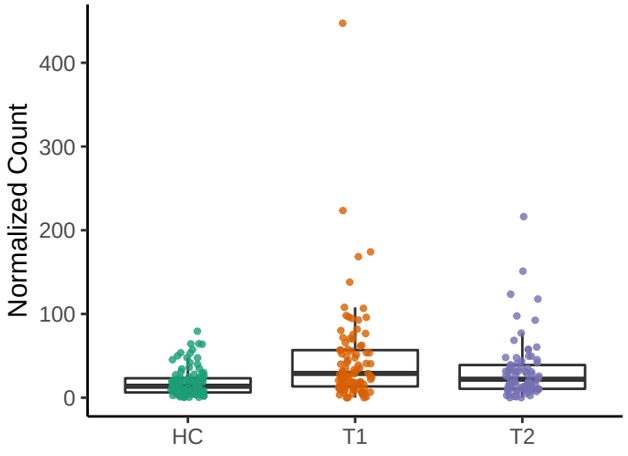
THISYNARA−PWY: superpathway of th
HC vs. T1 adjusted p = 0.00011
HC vs. T2 adjusted p = 0.13
T1 vs. T2 adjusted p = 0.018



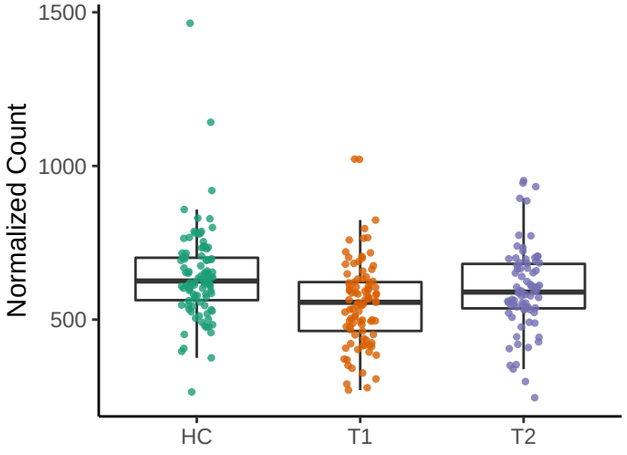
PWY−7209: superpathway of pyrimidin
HC vs. T1 adjusted p = 0.00014
HC vs. T2 adjusted p = 0.011
T1 vs. T2 adjusted p = 0.57



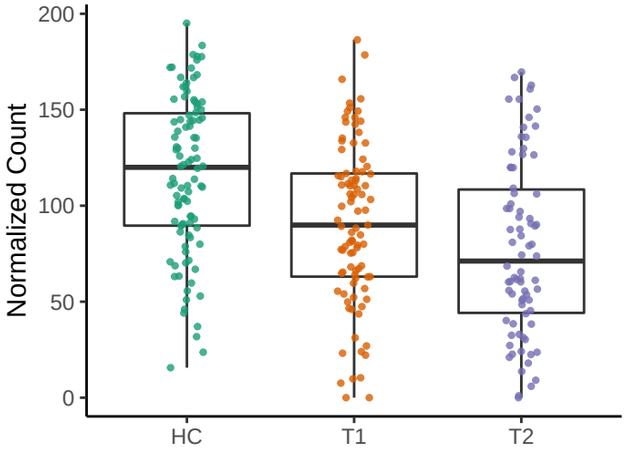
PWY−4984: urea cycle
HC vs. T1 adjusted p = 0.00019
HC vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.12



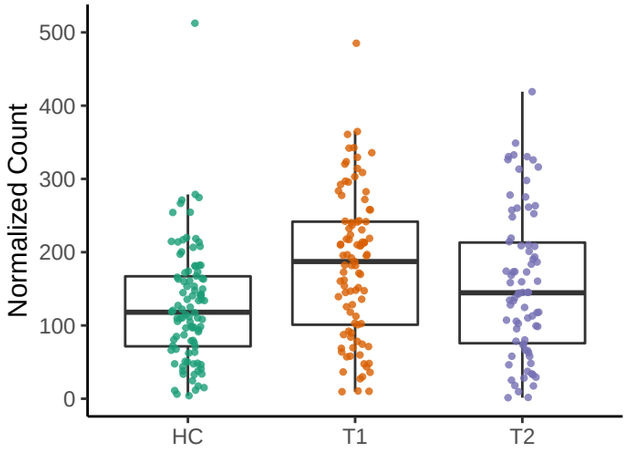
COA−PWY−1: coenzyme A biosynthes
HC vs. T1 adjusted p = 0.00022
HC vs. T2 adjusted p = 0.13
T1 vs. T2 adjusted p = 0.033



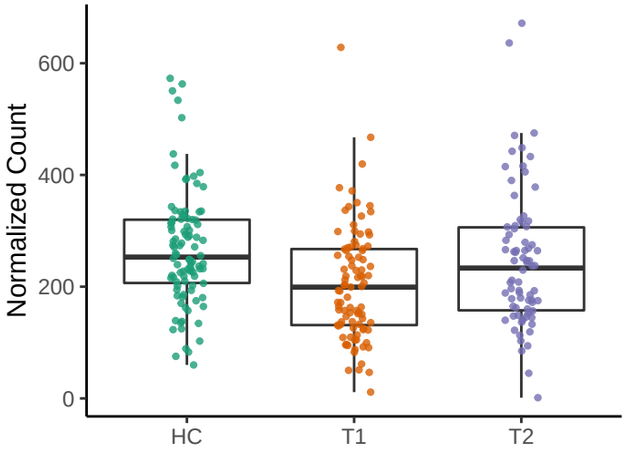
PRPP−PWY: superpathway of histidine
HC vs. T1 adjusted p = 0.00022
HC vs. T2 adjusted p = 3.9e−06
T1 vs. T2 adjusted p = 0.029



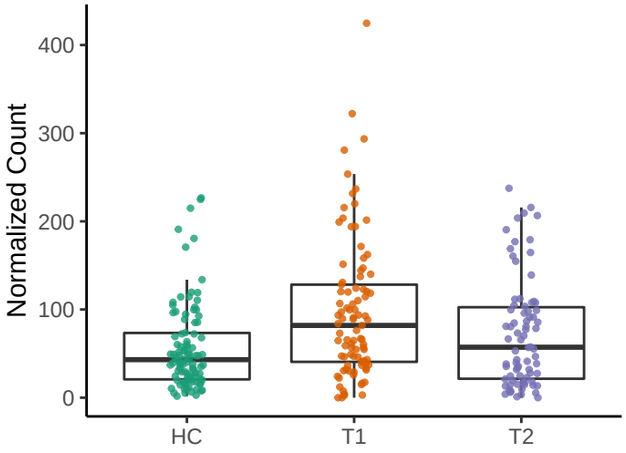
PWY−7663: gondoate biosynthesis (an
HC vs. T1 adjusted p = 0.00022
HC vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.021



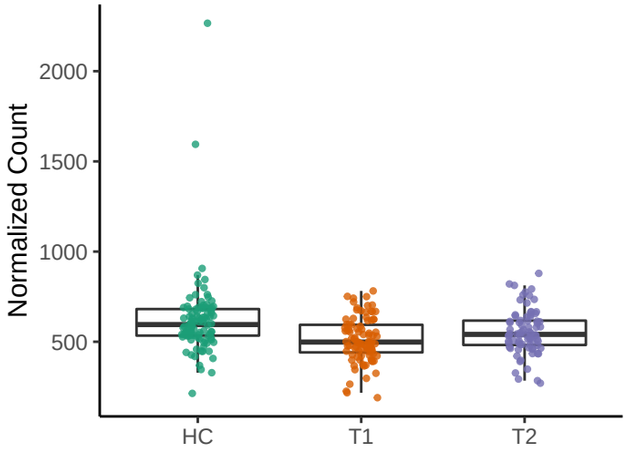
PWY−6124: inosine−5'−phosphate bios
HC vs. T1 adjusted p = 0.00022
HC vs. T2 adjusted p = 0.34
T1 vs. T2 adjusted p = 0.018



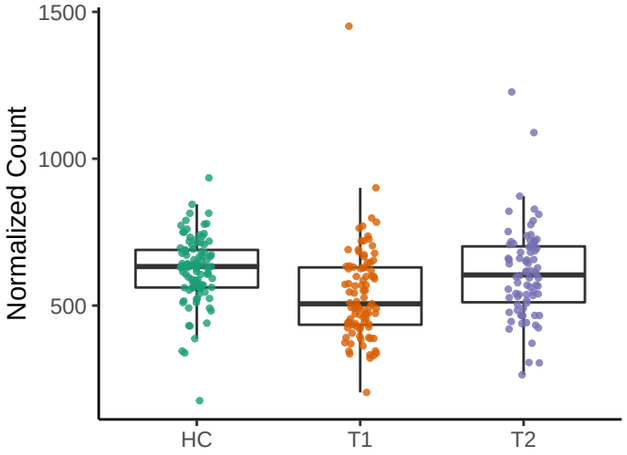
PWY−5484: glycolysis II (from fructose
HC vs. T1 adjusted p = 0.00023
HC vs. T2 adjusted p = 0.15
T1 vs. T2 adjusted p = 0.063



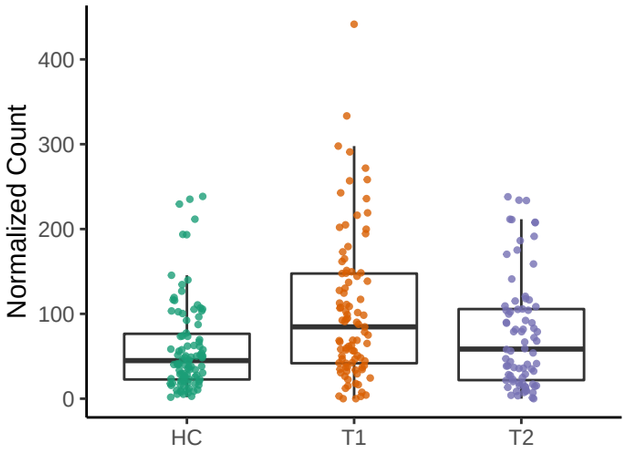
NONMEVIPP−PWY: methylerythritol p
HC vs. T1 adjusted p = 0.00025
HC vs. T2 adjusted p = 0.065
T1 vs. T2 adjusted p = 0.047



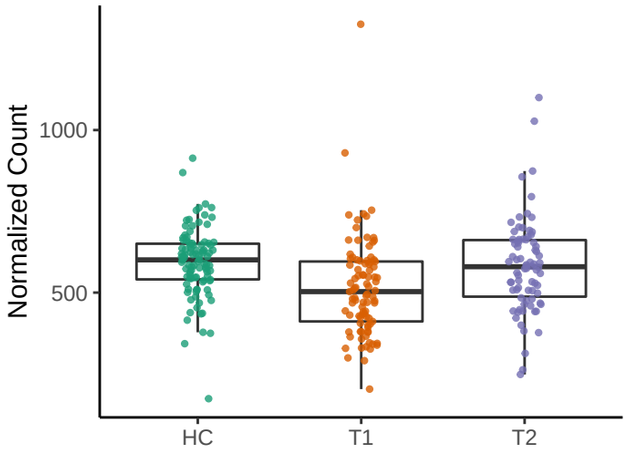
PWY−6163: chorismate biosynthesis f
HC vs. T1 adjusted p = 0.00026
HC vs. T2 adjusted p = 0.6
T1 vs. T2 adjusted p = 0.0099



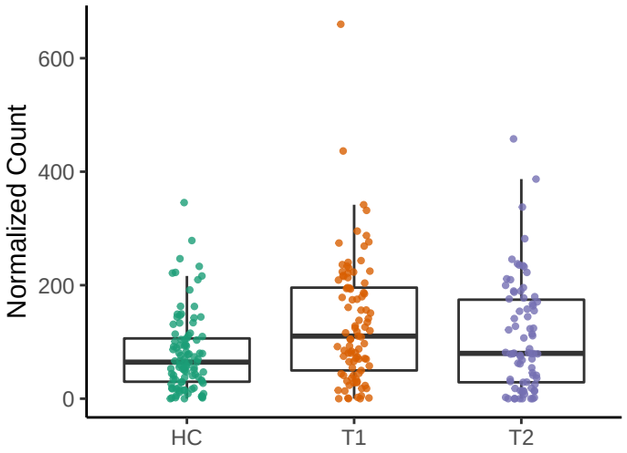
GLYCOLYSIS: glycolysis I (from glucos
HC vs. T1 adjusted p = 0.00026
HC vs. T2 adjusted p = 0.17
T1 vs. T2 adjusted p = 0.064



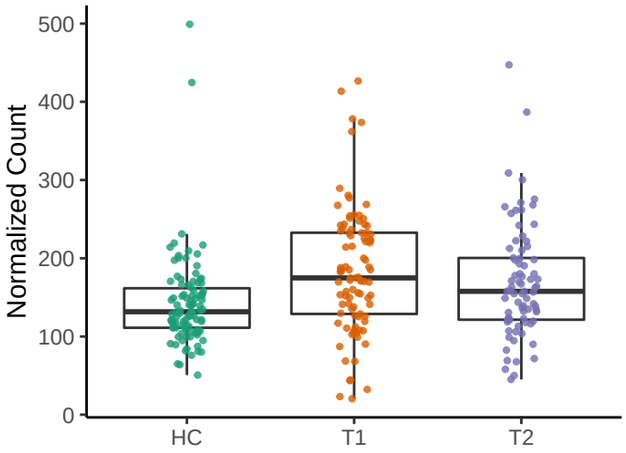
COMPLETE−ARO−PWY: superpathwa
HC vs. T1 adjusted p = 0.00029
HC vs. T2 adjusted p = 0.64
T1 vs. T2 adjusted p = 0.0069



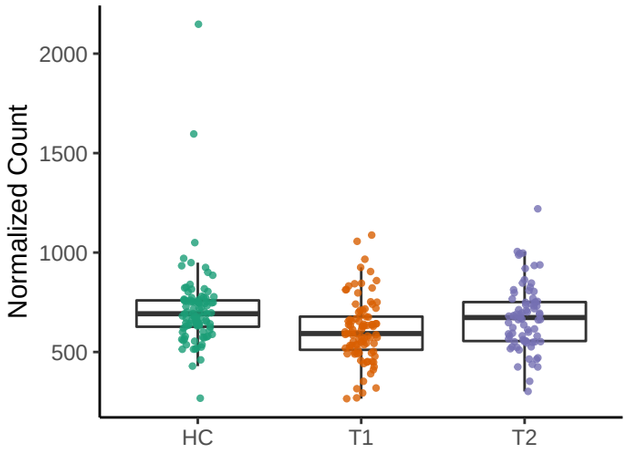
PWY0−845: superpathway of pyridoxal
HC vs. T1 adjusted p = 0.00046
HC vs. T2 adjusted p = 0.09
T1 vs. T2 adjusted p = 0.063



PWY−6125: superpathway of guanosin
HC vs. T1 adjusted p = 0.00052
HC vs. T2 adjusted p = 0.049
T1 vs. T2 adjusted p = 0.12

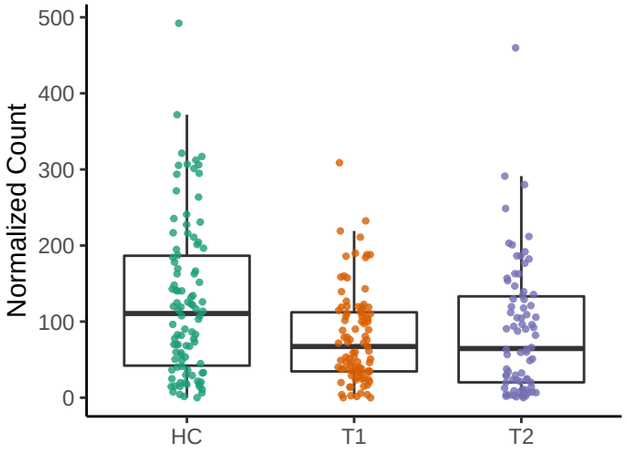


PWY−6387: UDP−N−acetylmuramoyl−
HC vs. T1 adjusted p = 0.00065
HC vs. T2 adjusted p = 0.28
T1 vs. T2 adjusted p = 0.021



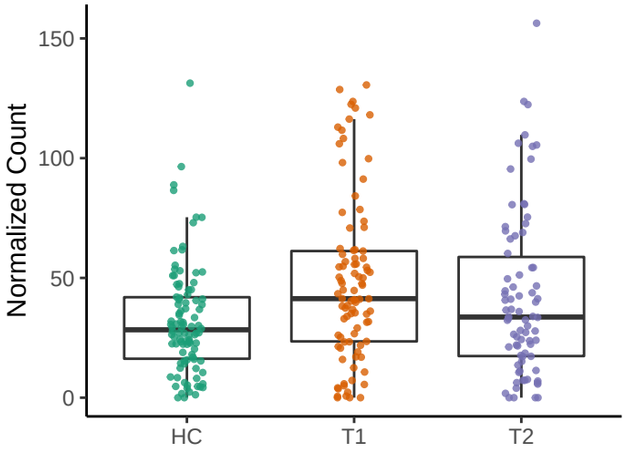
DAPLYSINESYN−PWY: L−lysine biosyr

HC vs. T1 adjusted p = 0.00074
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.37



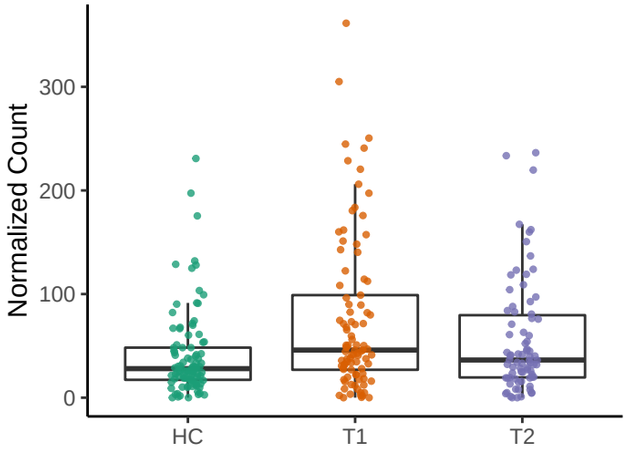
PWY66−399: gluconeogenesis III

HC vs. T1 adjusted p = 0.00074
HC vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.11



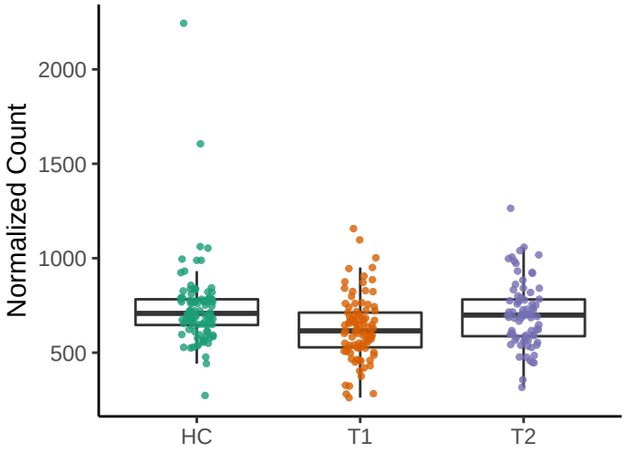
PWY66−400: glycolysis VI (metazoan)

HC vs. T1 adjusted p = 0.00082
HC vs. T2 adjusted p = 0.12
T1 vs. T2 adjusted p = 0.065



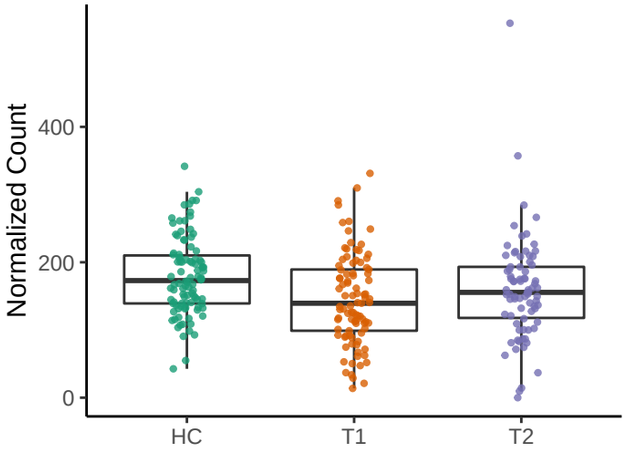
PWY−6386: UDP−N−acetylmuramoyl-

HC vs. T1 adjusted p = 0.00091
HC vs. T2 adjusted p = 0.39
T1 vs. T2 adjusted p = 0.018



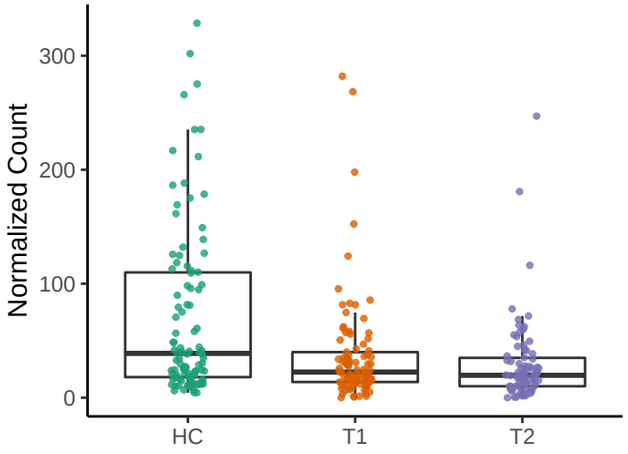
PYRIDNUCSYN−PWY: NAD biosynthe

HC vs. T1 adjusted p = 0.00092
HC vs. T2 adjusted p = 0.14
T1 vs. T2 adjusted p = 0.19



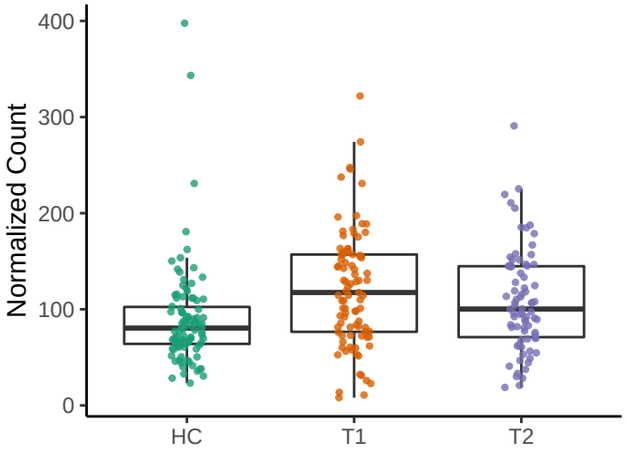
PENTOSE−P−PWY: pentose phosphat

HC vs. T1 adjusted p = 0.0011
HC vs. T2 adjusted p = 0.00017
T1 vs. T2 adjusted p = 0.29



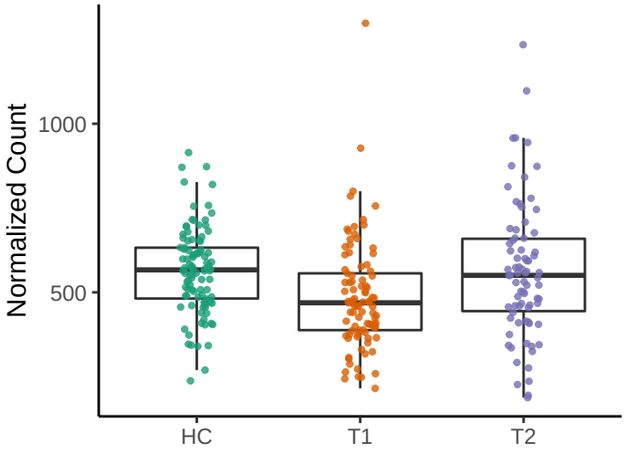
PWY−7197: pyrimidine deoxyribonucle

HC vs. T1 adjusted p = 0.0011
HC vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.15



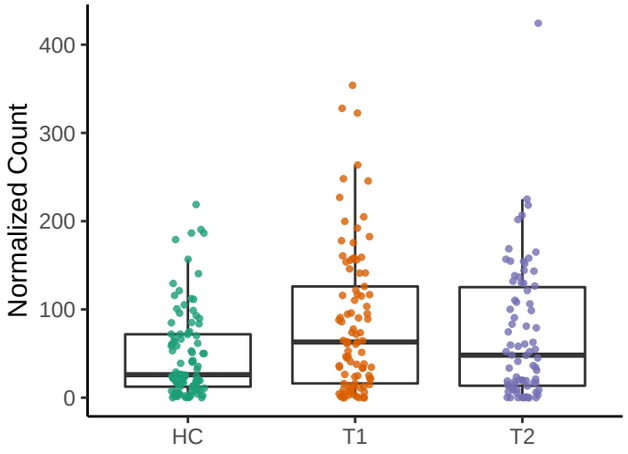
PWY−1042: glycolysis IV (plant cytosc

HC vs. T1 adjusted p = 0.0013
HC vs. T2 adjusted p = 0.96
T1 vs. T2 adjusted p = 0.027



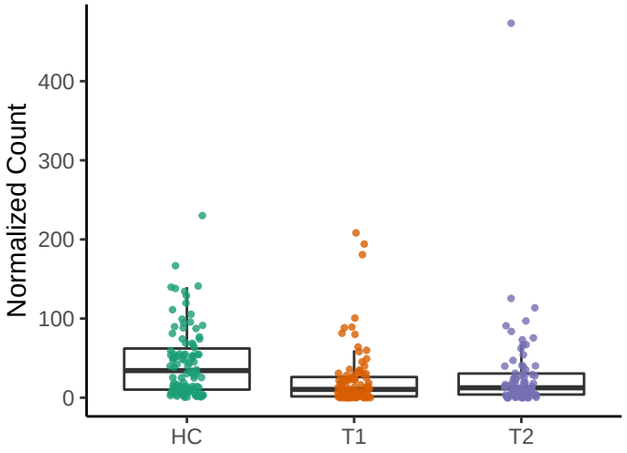
ARGININE−SYN4−PWY: L−ornithine de

HC vs. T1 adjusted p = 0.0015
HC vs. T2 adjusted p = 0.089
T1 vs. T2 adjusted p = 0.12



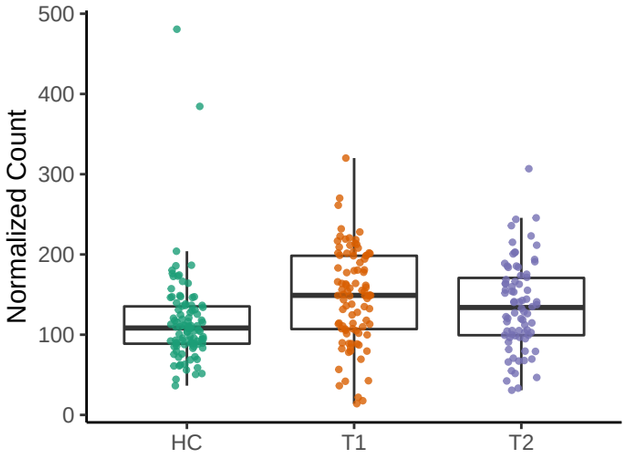
PWY−5304: superpathway of sulfur oxi

HC vs. T1 adjusted p = 0.0016
HC vs. T2 adjusted p = 0.12
T1 vs. T2 adjusted p = 0.36



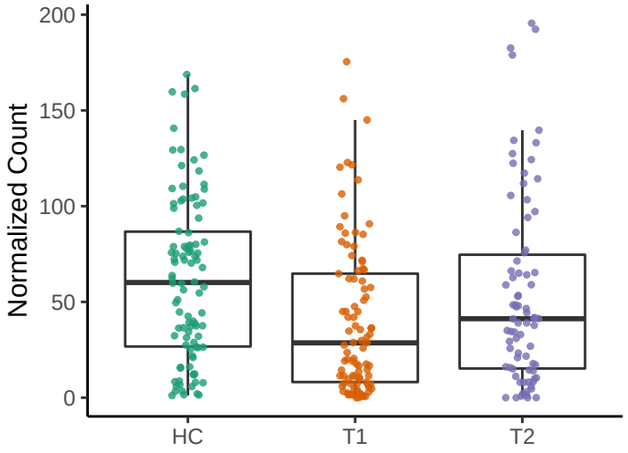
PWY−7184: pyrimidine deoxyribonucle

HC vs. T1 adjusted p = 0.0017
HC vs. T2 adjusted p = 0.093
T1 vs. T2 adjusted p = 0.14



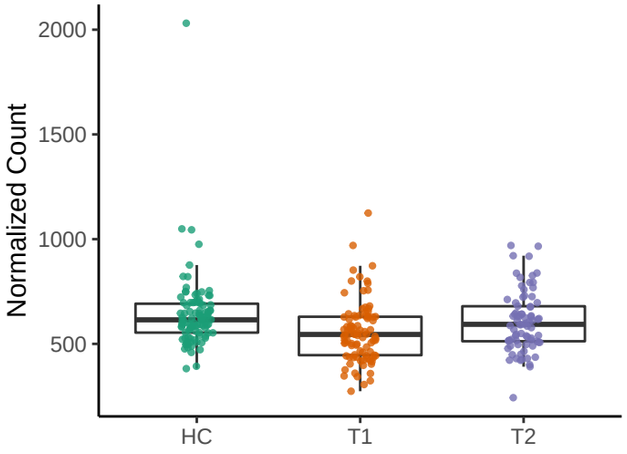
PWY−5989: stearate biosynthesis II (ba

HC vs. T1 adjusted p = 0.0018
HC vs. T2 adjusted p = 0.39
T1 vs. T2 adjusted p = 0.17



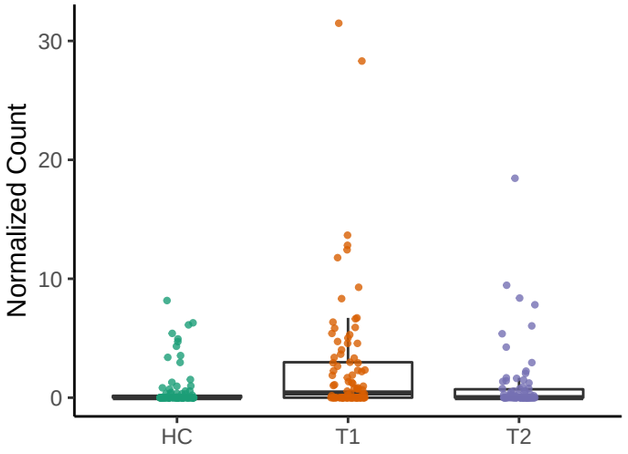
PWY−6121: 5−aminoimidazole ribonuc

HC vs. T1 adjusted p = 0.0019
HC vs. T2 adjusted p = 0.27
T1 vs. T2 adjusted p = 0.019



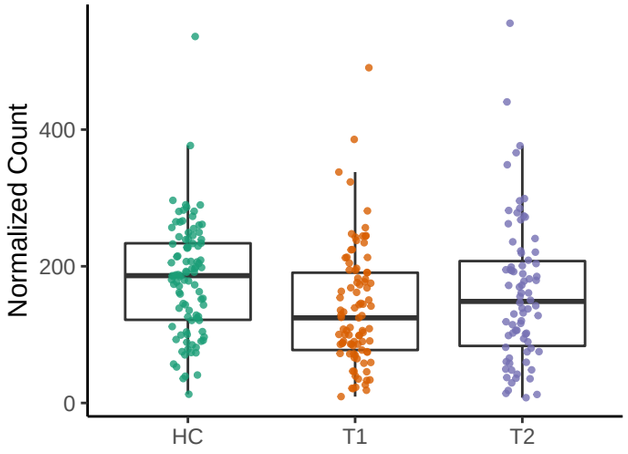
7ALPHADEHYDROX−PWY: cholate deg

HC vs. T1 adjusted p = 0.0021
HC vs. T2 adjusted p = 0.33
T1 vs. T2 adjusted p = 0.03



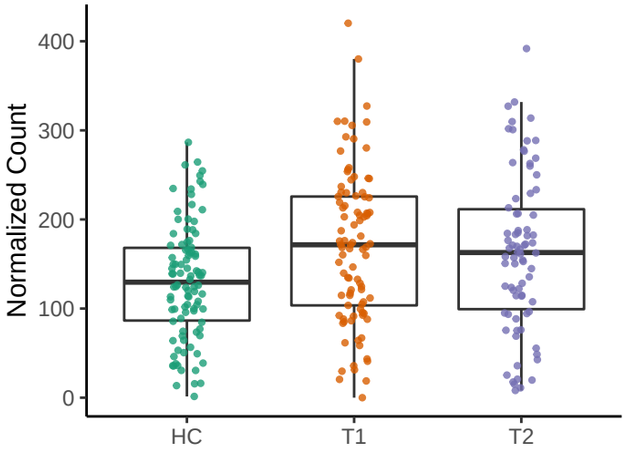
ASPASN−PWY: superpathway of L−asp

HC vs. T1 adjusted p = 0.0021
HC vs. T2 adjusted p = 0.28
T1 vs. T2 adjusted p = 0.074



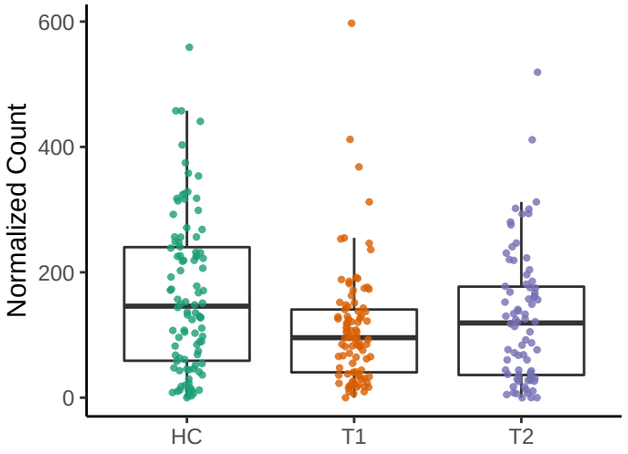
PWY−6168: flavin biosynthesis III (fung

HC vs. T1 adjusted p = 0.0021
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.36



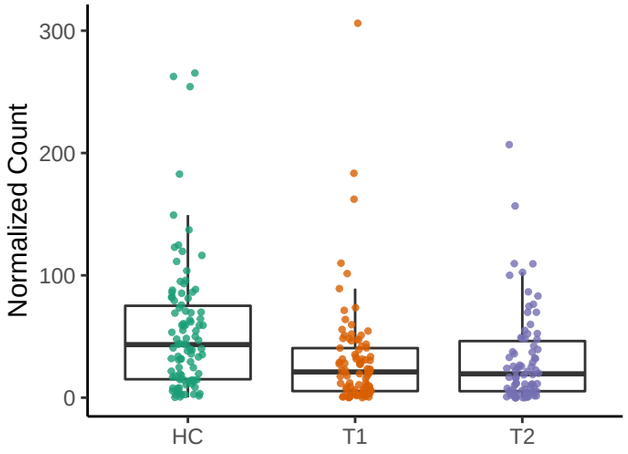
OANTIGEN−PWY: O−antigen building b

HC vs. T1 adjusted p = 0.0026
HC vs. T2 adjusted p = 0.091
T1 vs. T2 adjusted p = 0.14



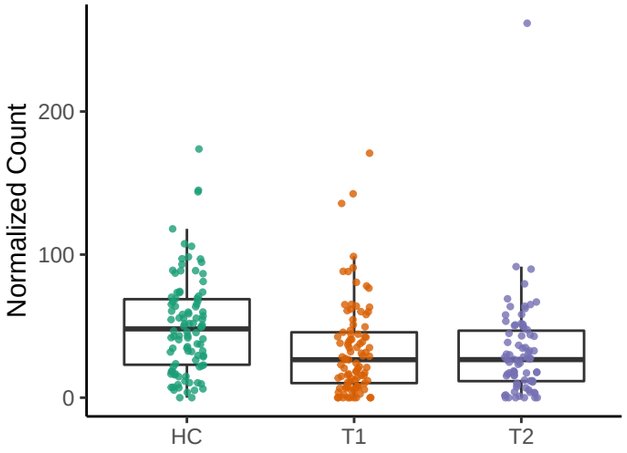
LACTOSECAT−PWY: lactose and galac

HC vs. T1 adjusted p = 0.0029
HC vs. T2 adjusted p = 0.012
T1 vs. T2 adjusted p = 0.54



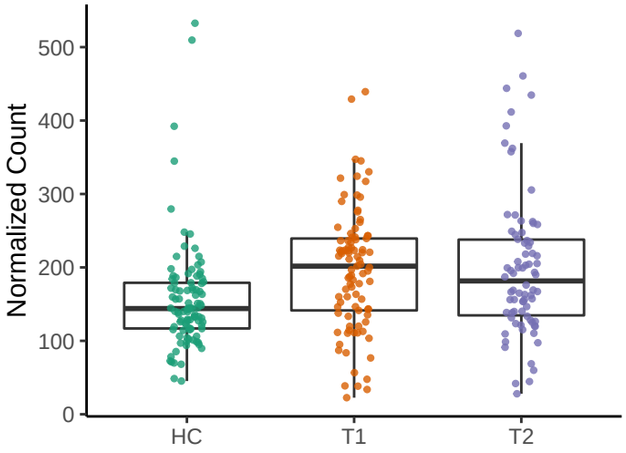
ARG+POLYAMINE−SYN: superpathwa

HC vs. T1 adjusted p = 0.0033
HC vs. T2 adjusted p = 0.0099
T1 vs. T2 adjusted p = 0.81



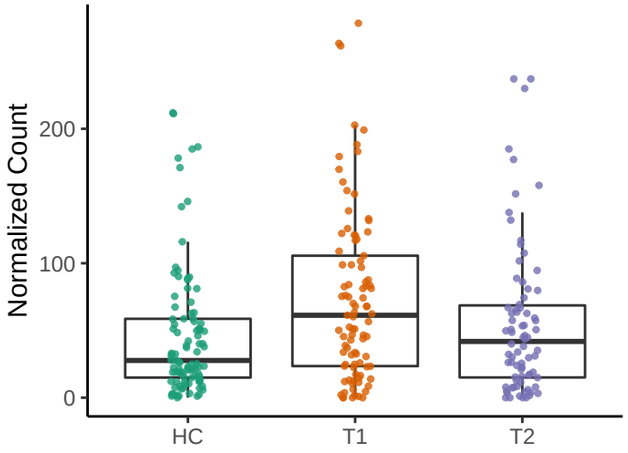
PWY−7208: superpathway of pyrimidin

HC vs. T1 adjusted p = 0.0033
HC vs. T2 adjusted p = 0.021
T1 vs. T2 adjusted p = 0.88



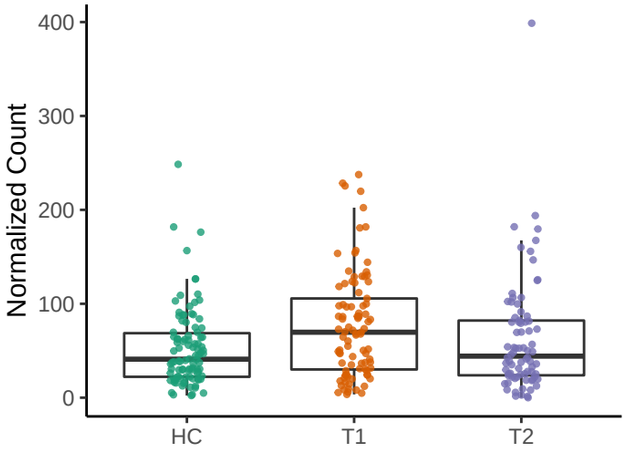
PHOSLIPSYN−PWY: superpathway of

HC vs. T1 adjusted p = 0.0043
HC vs. T2 adjusted p = 0.39
T1 vs. T2 adjusted p = 0.056



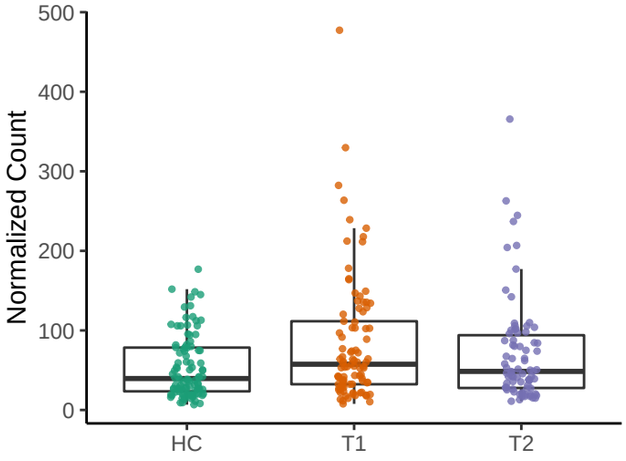
PWY−5154: L−arginine biosynthesis III

HC vs. T1 adjusted p = 0.0046
HC vs. T2 adjusted p = 0.34
T1 vs. T2 adjusted p = 0.15



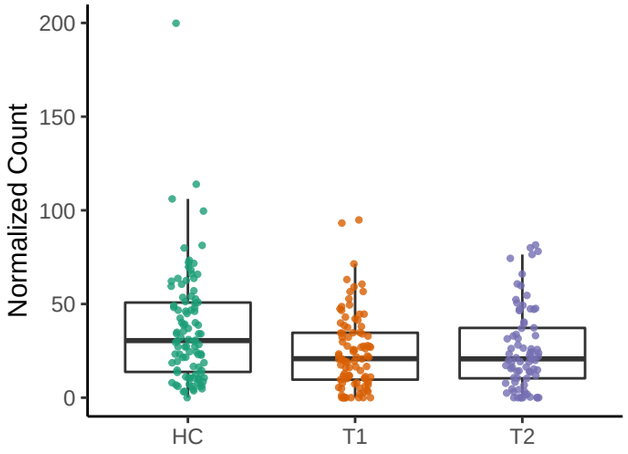
PWY0−1297: superpathway of purine d

HC vs. T1 adjusted p = 0.0047
HC vs. T2 adjusted p = 0.12
T1 vs. T2 adjusted p = 0.19



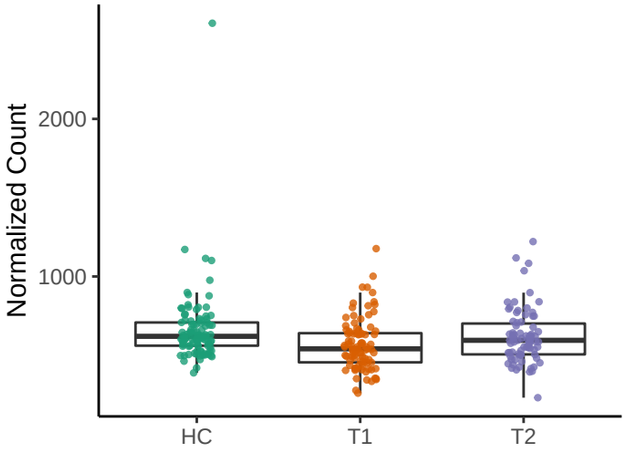
FOLSYN−PWY: superpathway of tetrah

HC vs. T1 adjusted p = 0.0048
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.54



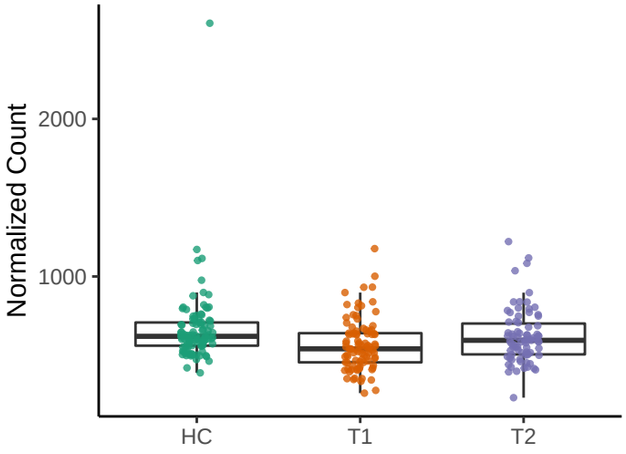
PWY−6122: 5−aminoimidazole ribonuc

HC vs. T1 adjusted p = 0.0055
HC vs. T2 adjusted p = 0.26
T1 vs. T2 adjusted p = 0.021



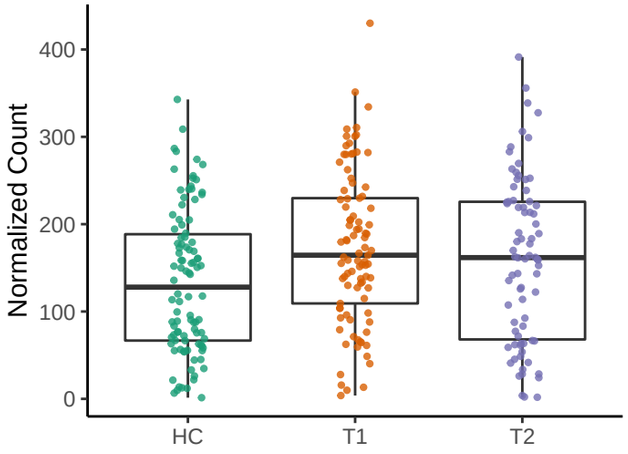
PWY−6277: superpathway of 5−aminc

HC vs. T1 adjusted p = 0.0055
HC vs. T2 adjusted p = 0.26
T1 vs. T2 adjusted p = 0.021



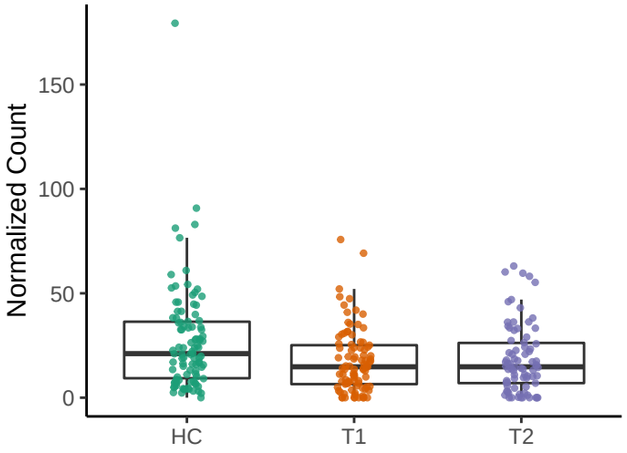
PWY−6897: thiamin salvage II

HC vs. T1 adjusted p = 0.0063
HC vs. T2 adjusted p = 0.14
T1 vs. T2 adjusted p = 0.31



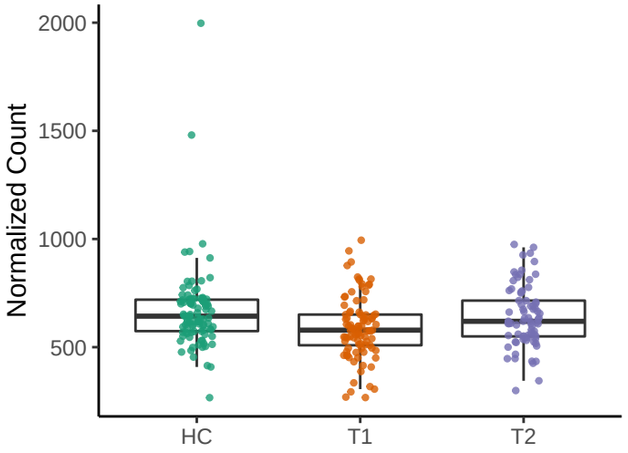
PWY−6612: superpathway of tetrahydr

HC vs. T1 adjusted p = 0.0063
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.53



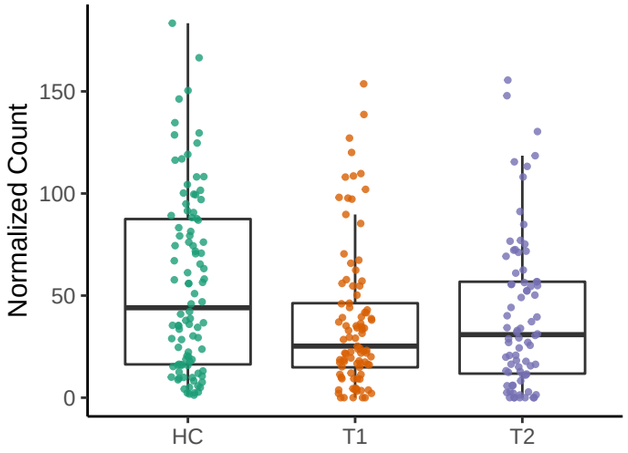
PEPTIDOGLYCANSYN−PWY: peptido

HC vs. T1 adjusted p = 0.0067
HC vs. T2 adjusted p = 0.43
T1 vs. T2 adjusted p = 0.029



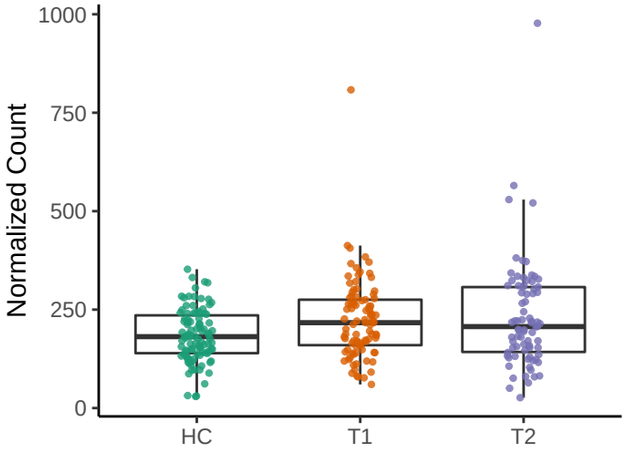
PYRIDNUCSAL−PWY: NAD salvage pa

HC vs. T1 adjusted p = 0.0067
HC vs. T2 adjusted p = 0.068
T1 vs. T2 adjusted p = 0.5



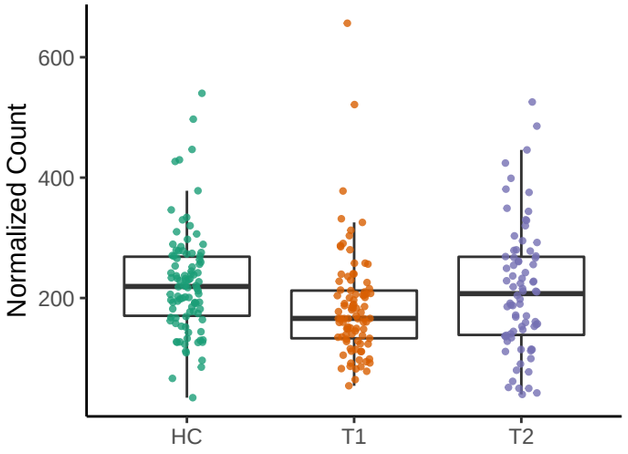
PWY−6703: preQ0 biosynthesis

HC vs. T1 adjusted p = 0.0069
HC vs. T2 adjusted p = 0.041
T1 vs. T2 adjusted p = 0.99



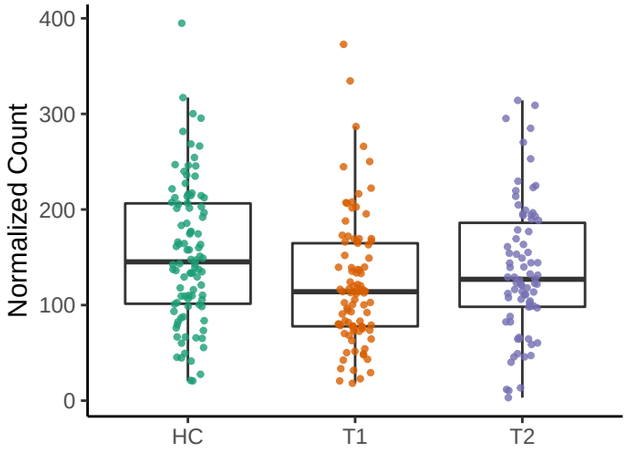
COA−PWY: coenzyme A biosynthesis I

HC vs. T1 adjusted p = 0.0084
HC vs. T2 adjusted p = 0.56
T1 vs. T2 adjusted p = 0.033



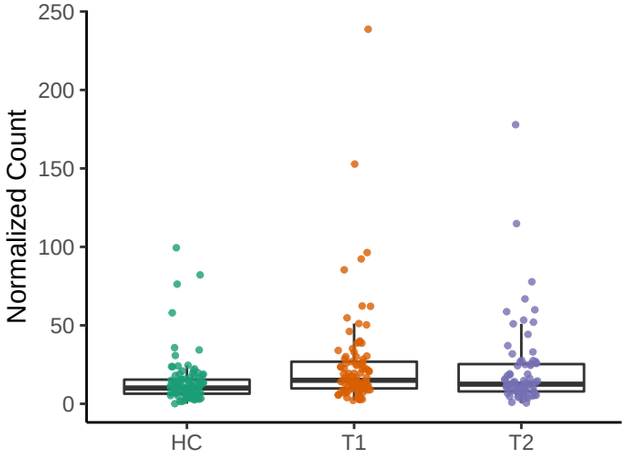
PWY−5659: GDP−mannose biosynthes

HC vs. T1 adjusted p = 0.0094
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.37



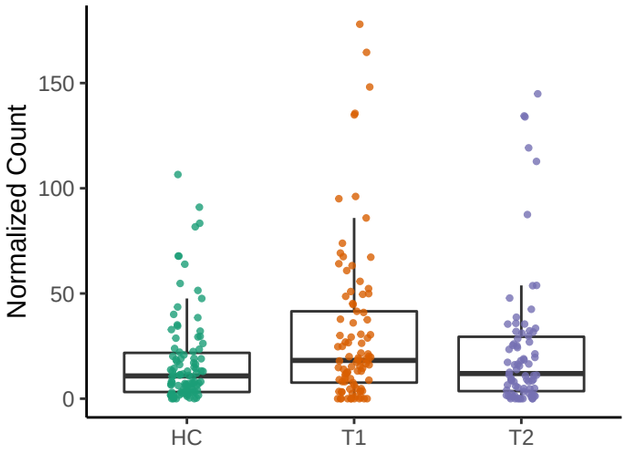
P161−PWY: acetylene degradation

HC vs. T1 adjusted p = 0.0098
HC vs. T2 adjusted p = 0.1
T1 vs. T2 adjusted p = 0.45



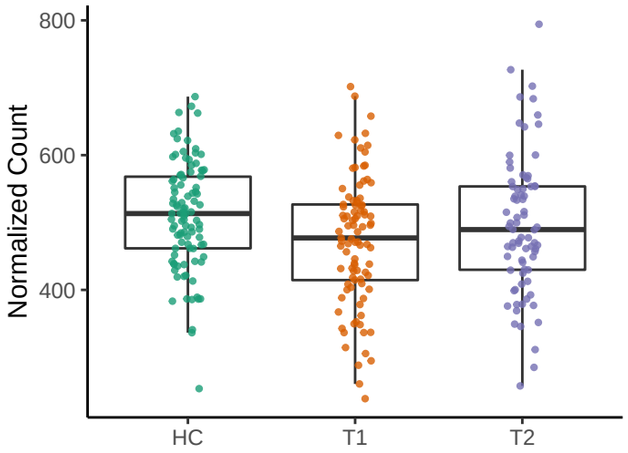
PWY−7323: superpathway of GDP−ma

HC vs. T1 adjusted p = 0.01
HC vs. T2 adjusted p = 0.31
T1 vs. T2 adjusted p = 0.15

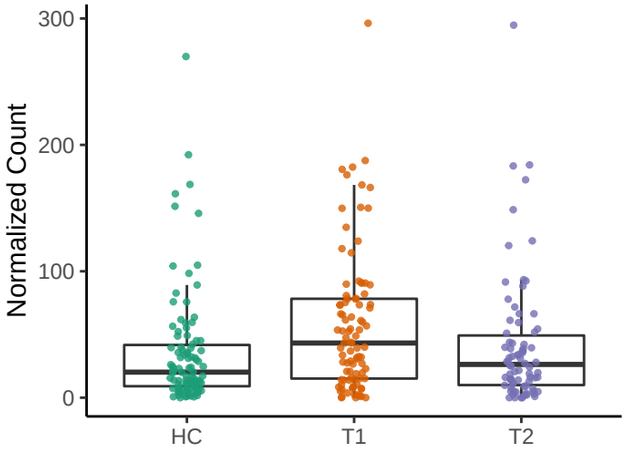


PWY−5097: L−lysine biosynthesis VI

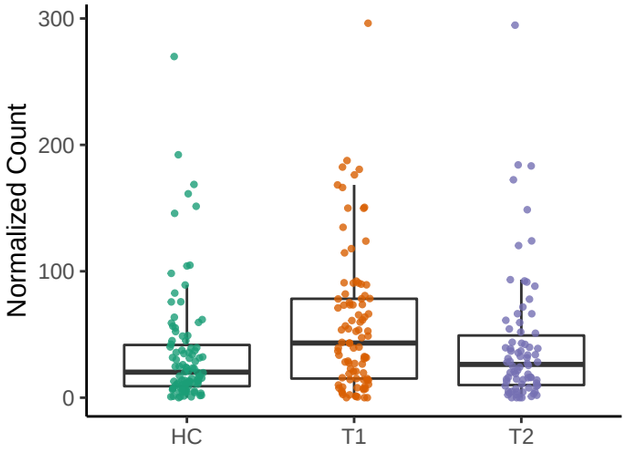
HC vs. T1 adjusted p = 0.012
HC vs. T2 adjusted p = 0.43
T1 vs. T2 adjusted p = 0.37



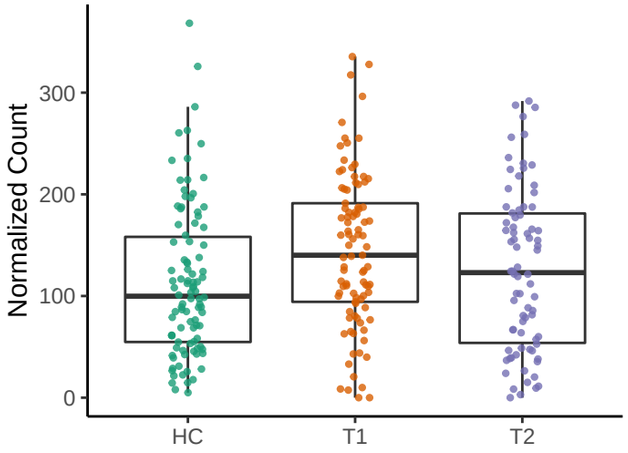
PWY4FS−7: phosphatidylglycerol biosy
HC vs. T1 adjusted p = 0.012
HC vs. T2 adjusted p = 0.58
T1 vs. T2 adjusted p = 0.039



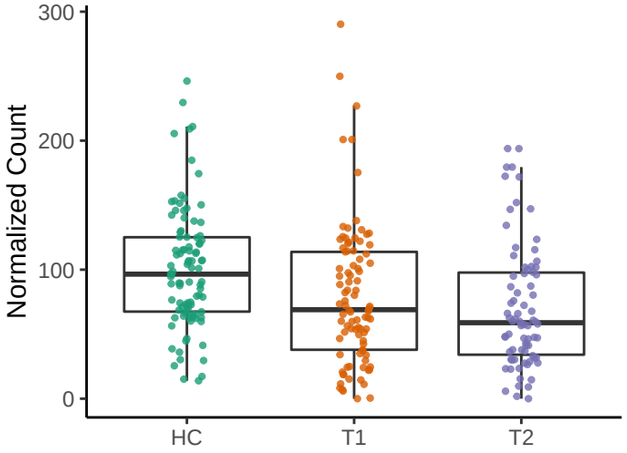
PWY4FS−8: phosphatidylglycerol biosy
HC vs. T1 adjusted p = 0.012
HC vs. T2 adjusted p = 0.58
T1 vs. T2 adjusted p = 0.039



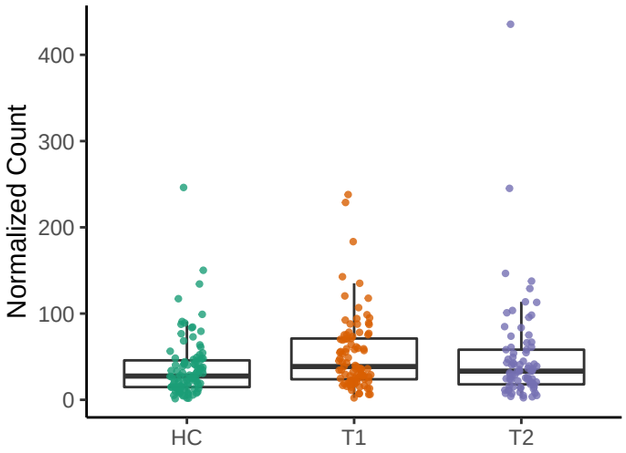
ANAEROFRUCAT−PWY: homolactic fe
HC vs. T1 adjusted p = 0.014
HC vs. T2 adjusted p = 0.43
T1 vs. T2 adjusted p = 0.14



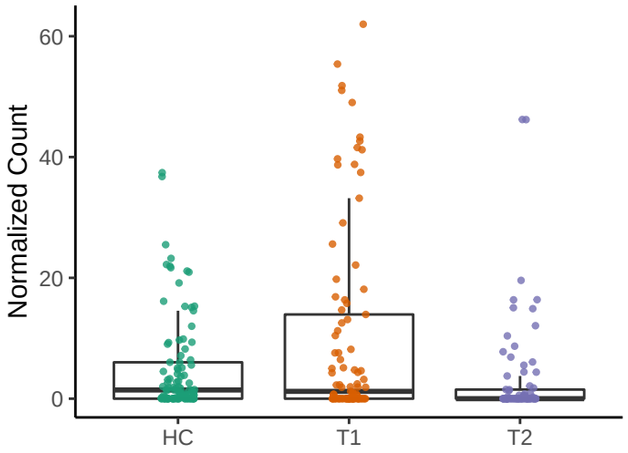
HSERMETANA−PWY: L−methionine bi
HC vs. T1 adjusted p = 0.014
HC vs. T2 adjusted p = 0.0013
T1 vs. T2 adjusted p = 0.55



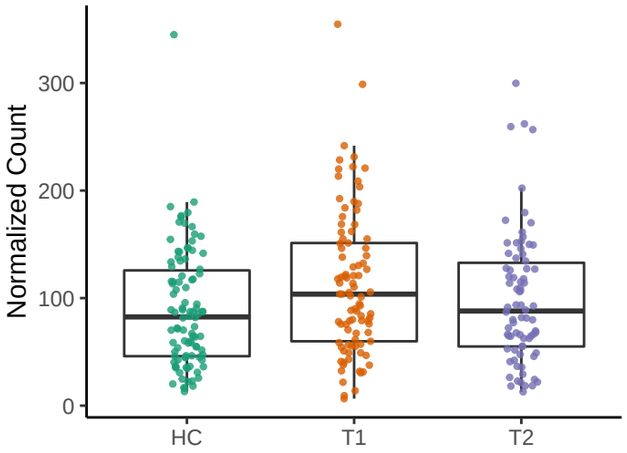
HISDEG−PWY: L−histidine degradatior
HC vs. T1 adjusted p = 0.023
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.7



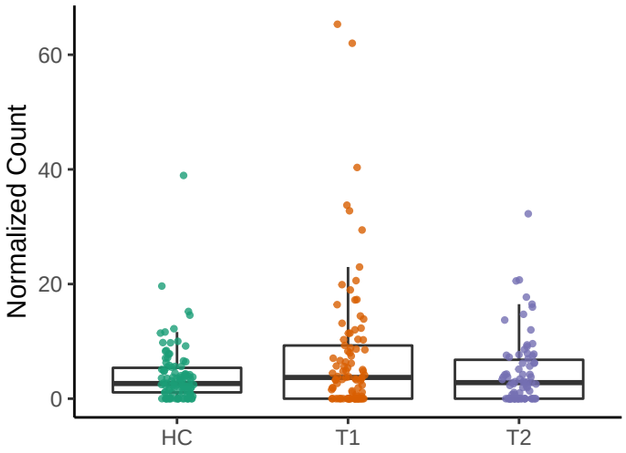
PWY−5505: L−glutamate and L−glutami
HC vs. T1 adjusted p = 0.023
HC vs. T2 adjusted p = 0.26
T1 vs. T2 adjusted p = 0.0045



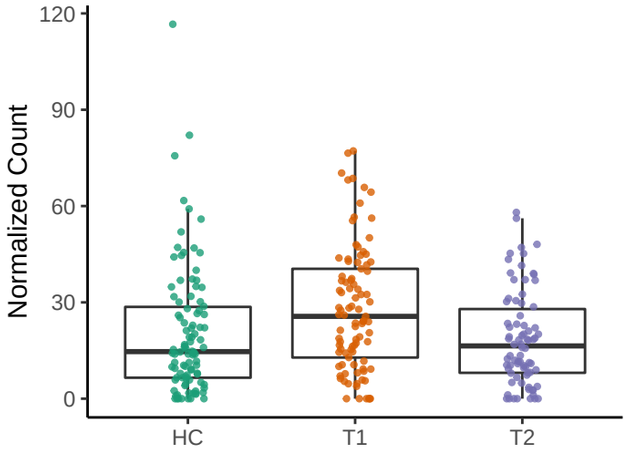
PWY66−409: superpathway of purine n
HC vs. T1 adjusted p = 0.026
HC vs. T2 adjusted p = 0.42
T1 vs. T2 adjusted p = 0.074



PWY−5464: superpathway of cytosolic g
HC vs. T1 adjusted p = 0.028
HC vs. T2 adjusted p = 0.68
T1 vs. T2 adjusted p = 0.14

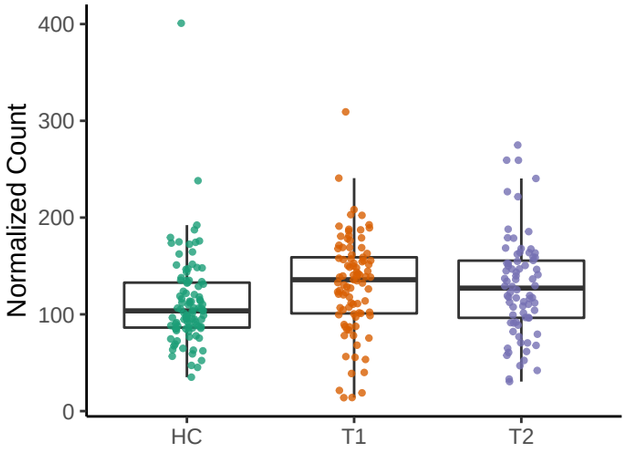


PWY−5676: acetyl−CoA fermentation to
HC vs. T1 adjusted p = 0.028
HC vs. T2 adjusted p = 0.61
T1 vs. T2 adjusted p = 0.0045



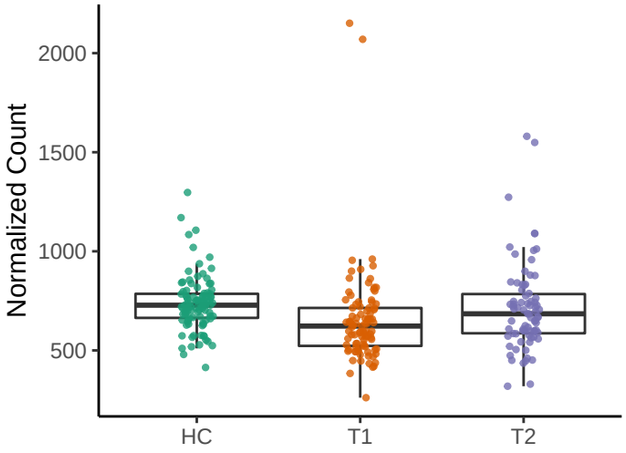
PWY−6545: pyrimidine deoxyribonucle(

HC vs. T1 adjusted p = 0.028
HC vs. T2 adjusted p = 0.096
T1 vs. T2 adjusted p = 0.61



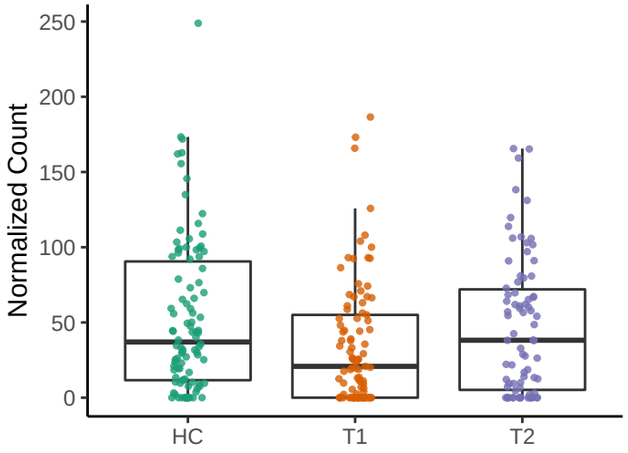
PWY−7111: pyruvate fermentation to i

HC vs. T1 adjusted p = 0.028
HC vs. T2 adjusted p = 0.58
T1 vs. T2 adjusted p = 0.031



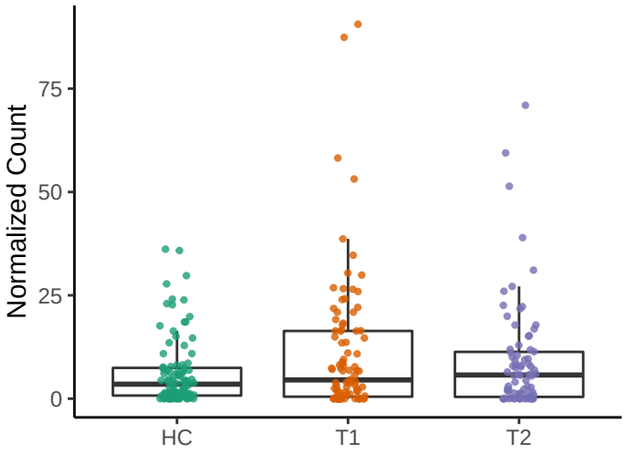
PWY−7456: mannan degradation

HC vs. T1 adjusted p = 0.029
HC vs. T2 adjusted p = 0.59
T1 vs. T2 adjusted p = 0.078



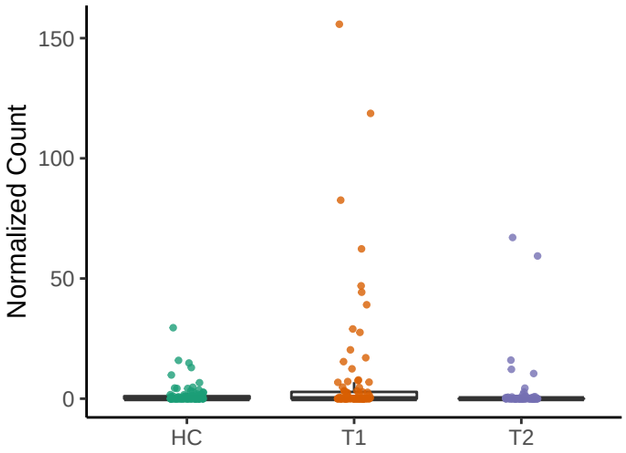
PWY−6531: mannitol cycle

HC vs. T1 adjusted p = 0.03
HC vs. T2 adjusted p = 0.17
T1 vs. T2 adjusted p = 0.26



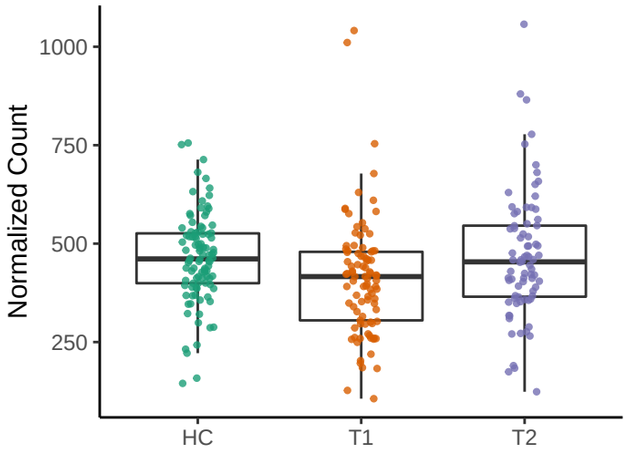
PWY−7013: L−1,2−propanediol degrad

HC vs. T1 adjusted p = 0.03
HC vs. T2 adjusted p = 0.63
T1 vs. T2 adjusted p = 0.056



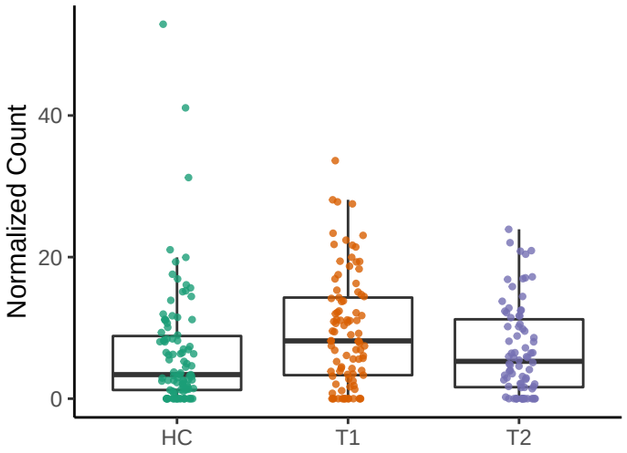
PWY0−1296: purine ribonucleosides d

HC vs. T1 adjusted p = 0.032
HC vs. T2 adjusted p = 0.91
T1 vs. T2 adjusted p = 0.05



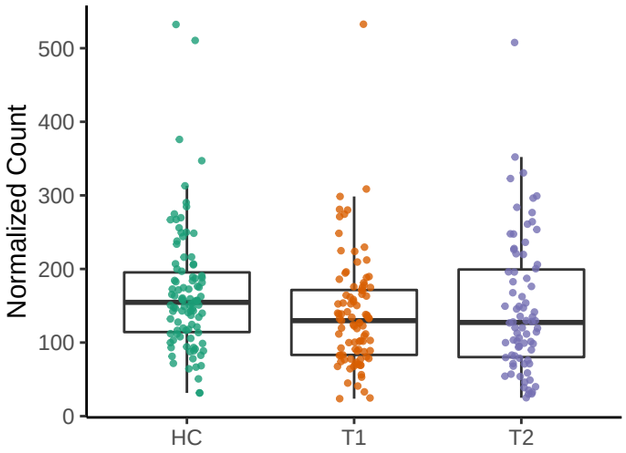
P162−PWY: L−glutamate degradation V

HC vs. T1 adjusted p = 0.032
HC vs. T2 adjusted p = 0.9
T1 vs. T2 adjusted p = 0.021



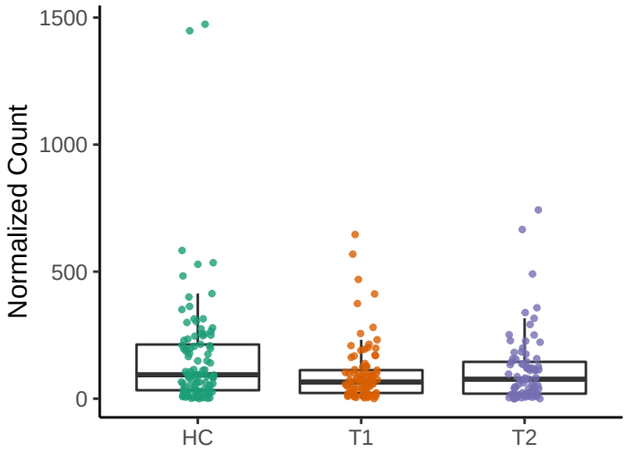
PWY−4242: pantothenate and coenzyn

HC vs. T1 adjusted p = 0.033
HC vs. T2 adjusted p = 0.23
T1 vs. T2 adjusted p = 0.41



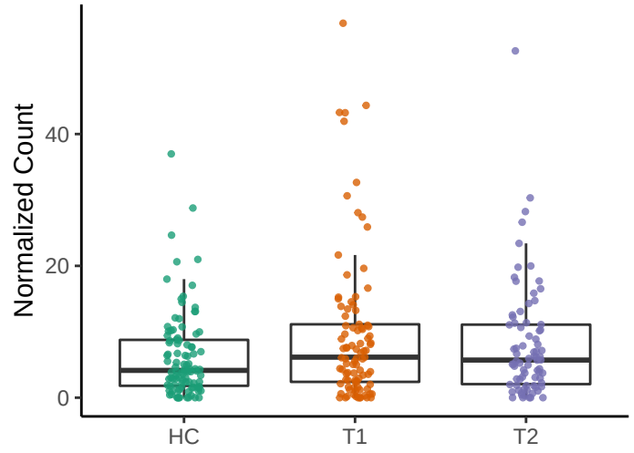
UDPNAGSYN−PWY: UDP−N−acetyl−

HC vs. T1 adjusted p = 0.033
HC vs. T2 adjusted p = 0.15
T1 vs. T2 adjusted p = 0.26



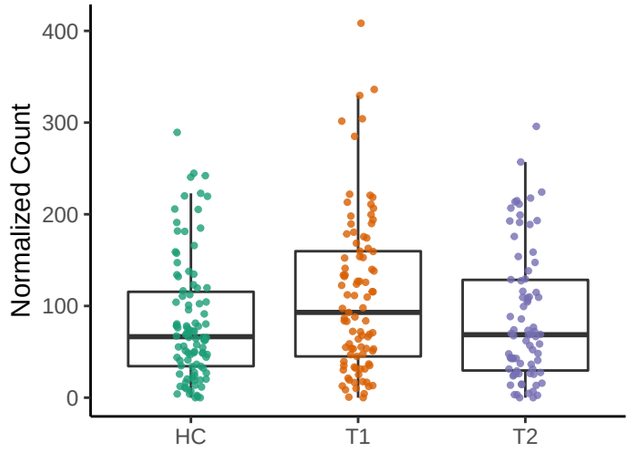
HEME−BIOSYNTHESIS−II: heme biosy

HC vs. T1 adjusted p = 0.037
HC vs. T2 adjusted p = 0.24
T1 vs. T2 adjusted p = 0.22



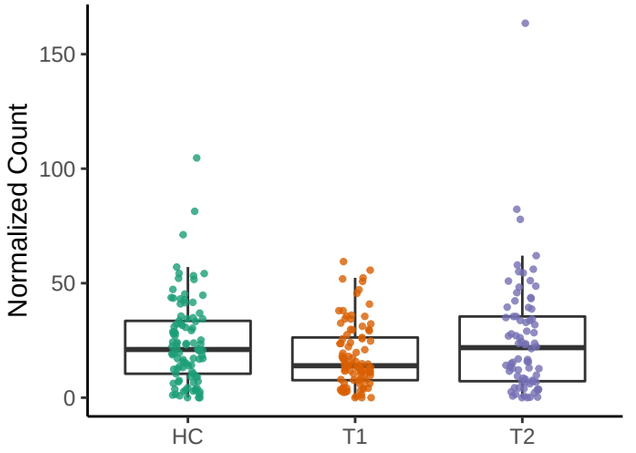
PWY−7560: methylerythritol phosphate

HC vs. T1 adjusted p = 0.038
HC vs. T2 adjusted p = 0.76
T1 vs. T2 adjusted p = 0.096



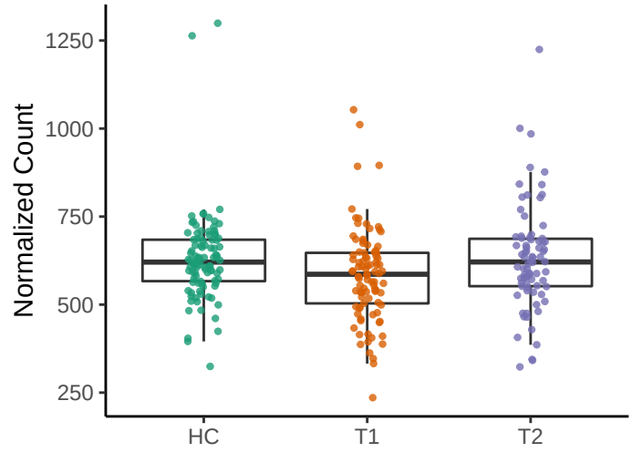
PWY−6595: superpathway of guanosin

HC vs. T1 adjusted p = 0.039
HC vs. T2 adjusted p = 0.78
T1 vs. T2 adjusted p = 0.058



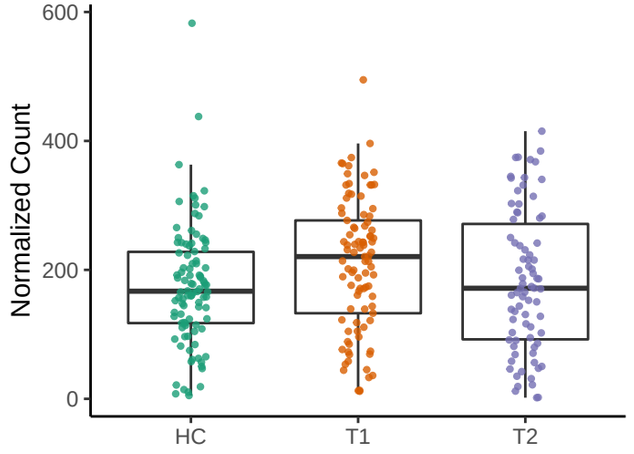
PWY−7221: guanosine ribonucleotides

HC vs. T1 adjusted p = 0.039
HC vs. T2 adjusted p = 0.97
T1 vs. T2 adjusted p = 0.059



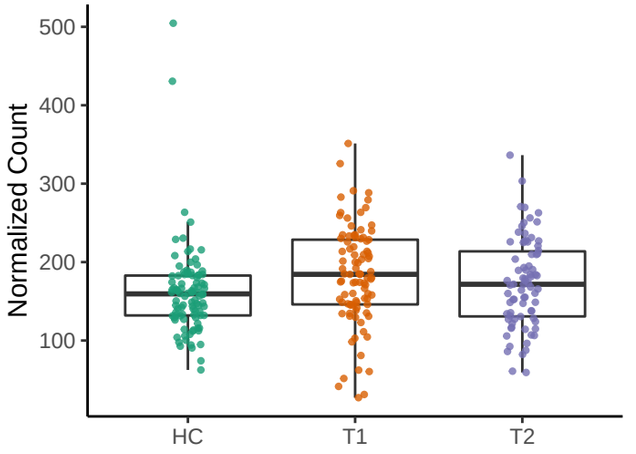
PWY−5973: cis−vaccenate biosynthesis

HC vs. T1 adjusted p = 0.041
HC vs. T2 adjusted p = 0.71
T1 vs. T2 adjusted p = 0.019



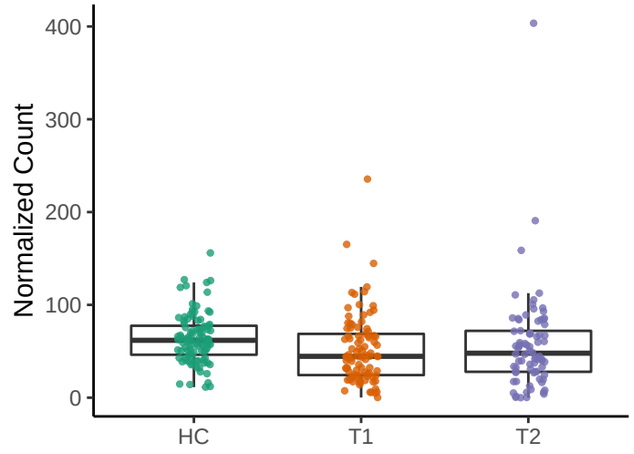
PWY0−166: superpathway of pyrimidine

HC vs. T1 adjusted p = 0.041
HC vs. T2 adjusted p = 0.29
T1 vs. T2 adjusted p = 0.26



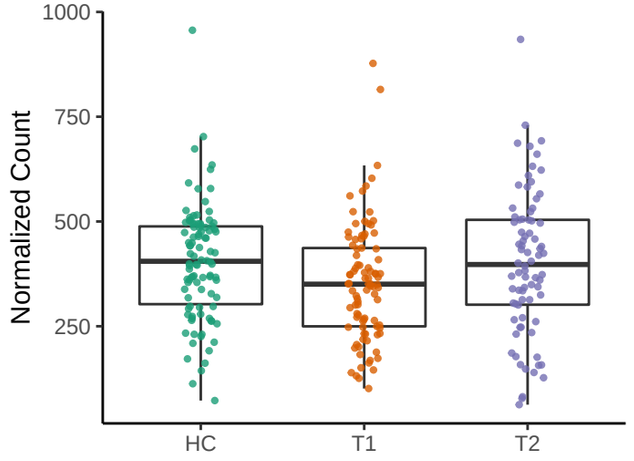
SALVADEHYPOX−PWY: adenosine nuc

HC vs. T1 adjusted p = 0.042
HC vs. T2 adjusted p = 0.41
T1 vs. T2 adjusted p = 0.44



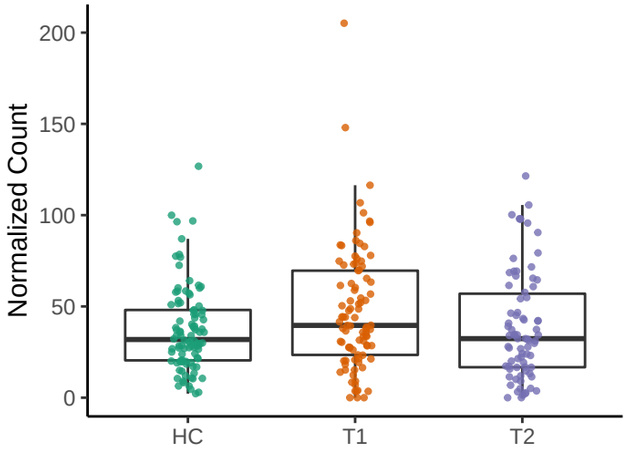
PWY−6385: peptidoglycan biosynthesi

HC vs. T1 adjusted p = 0.042
HC vs. T2 adjusted p = 0.95
T1 vs. T2 adjusted p = 0.045

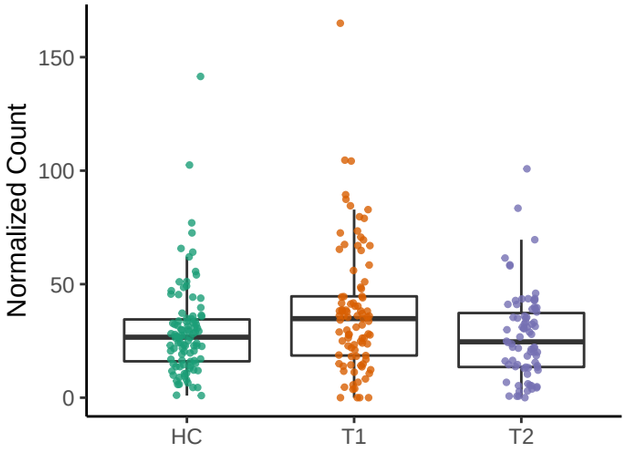


HEXITOLDEGSUPER−PWY: superpath

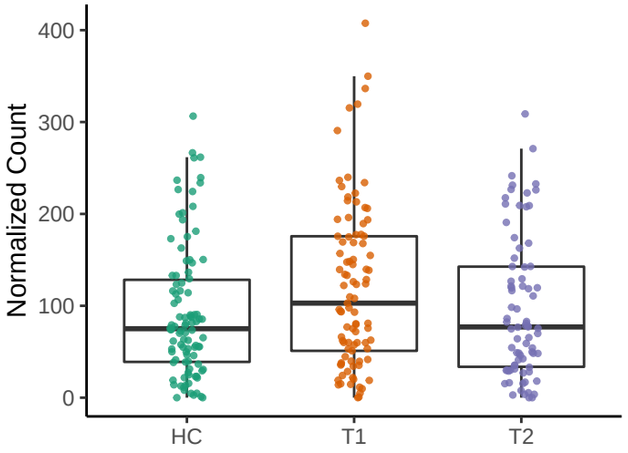
HC vs. T1 adjusted p = 0.045
HC vs. T2 adjusted p = 0.77
T1 vs. T2 adjusted p = 0.056



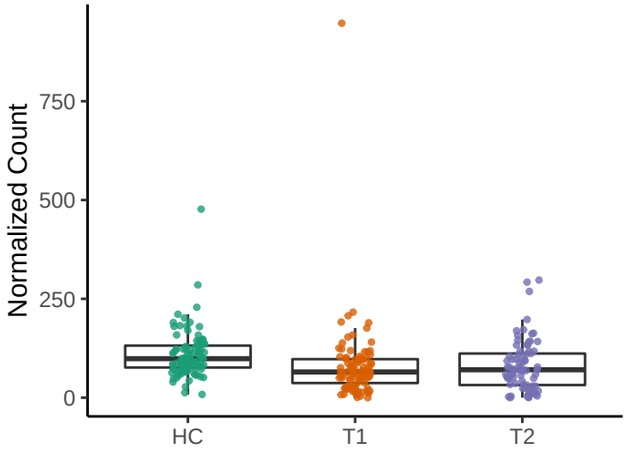
P441−PWY: superpathway of N−acetyl
HC vs. T1 adjusted p = 0.046
HC vs. T2 adjusted p = 0.57
T1 vs. T2 adjusted p = 0.011



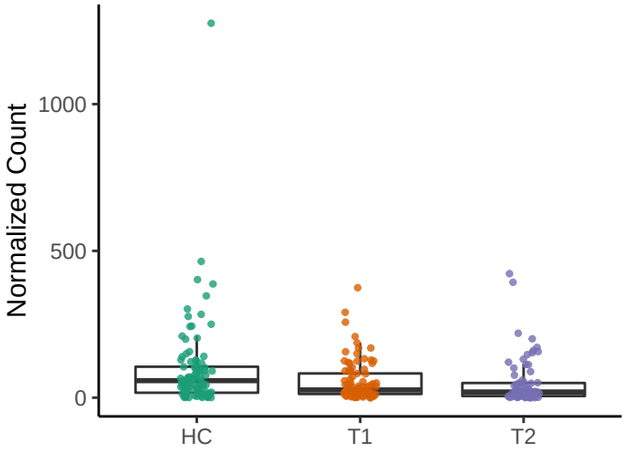
PWY−6270: isoprene biosynthesis I
HC vs. T1 adjusted p = 0.046
HC vs. T2 adjusted p = 0.77
T1 vs. T2 adjusted p = 0.1



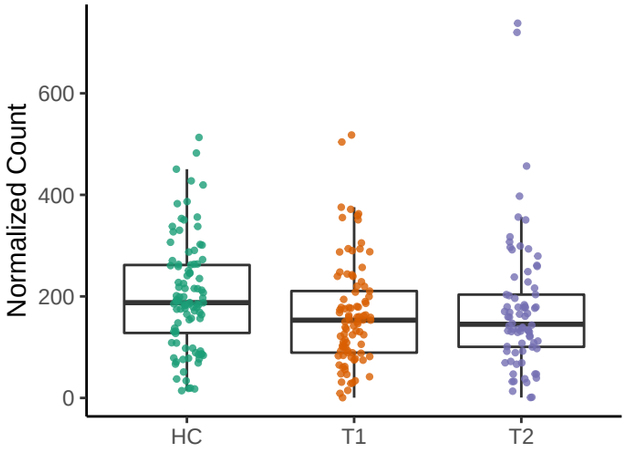
PWY−6305: putrescine biosynthesis IV
HC vs. T1 adjusted p = 0.046
HC vs. T2 adjusted p = 0.024
T1 vs. T2 adjusted p = 0.12



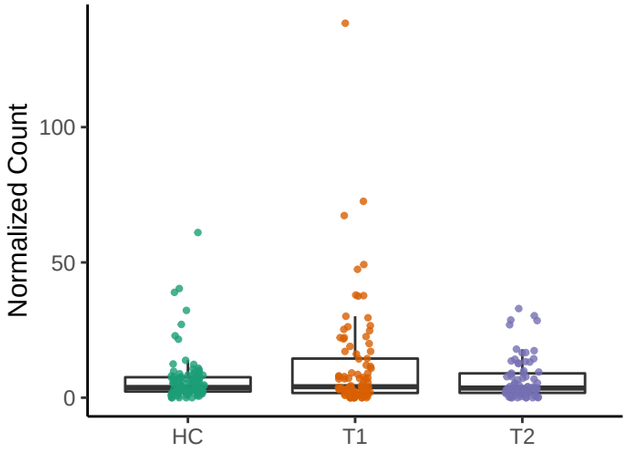
PWY−6147: 6−hydroxymethyl−dihydro
HC vs. T1 adjusted p = 0.048
HC vs. T2 adjusted p = 0.047
T1 vs. T2 adjusted p = 0.82



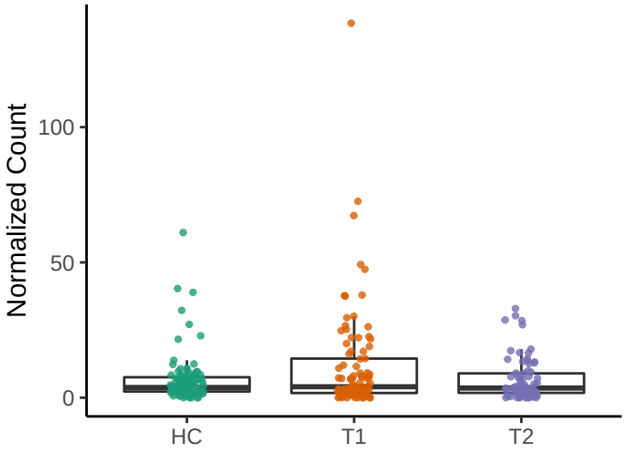
TRPSYN−PWY: L−tryptophan biosynth
HC vs. T1 adjusted p = 0.052
HC vs. T2 adjusted p = 0.28
T1 vs. T2 adjusted p = 0.53



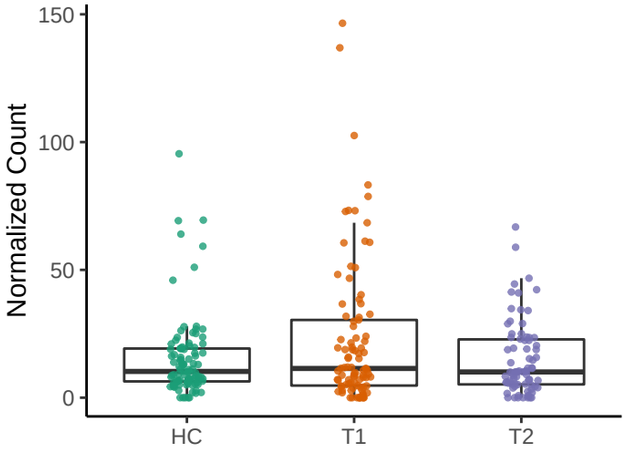
PWY−5791: 1,4−dihydroxy−2−naphthoa
HC vs. T1 adjusted p = 0.055
HC vs. T2 adjusted p = 0.97
T1 vs. T2 adjusted p = 0.037



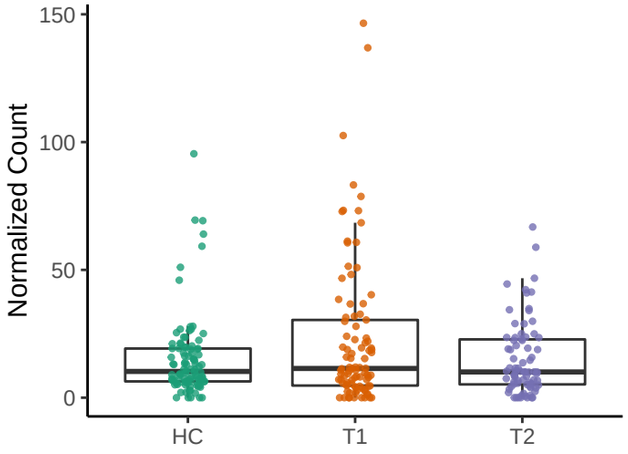
PWY−5837: 1,4−dihydroxy−2−naphthoa
HC vs. T1 adjusted p = 0.055
HC vs. T2 adjusted p = 0.97
T1 vs. T2 adjusted p = 0.037



PWY−5897: superpathway of menaquin
HC vs. T1 adjusted p = 0.056
HC vs. T2 adjusted p = 0.93
T1 vs. T2 adjusted p = 0.042

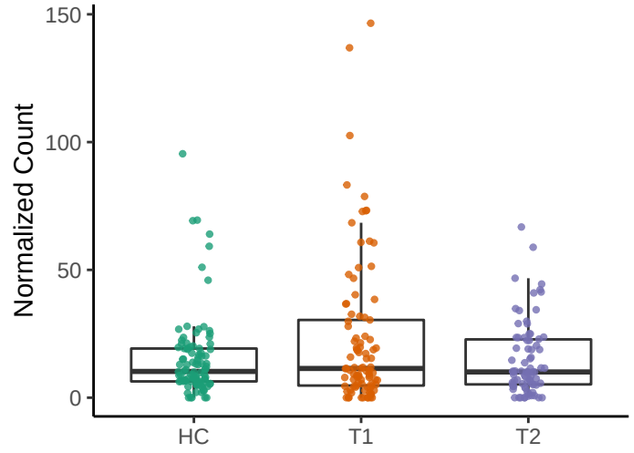


PWY−5898: superpathway of menaquin
HC vs. T1 adjusted p = 0.056
HC vs. T2 adjusted p = 0.93
T1 vs. T2 adjusted p = 0.042



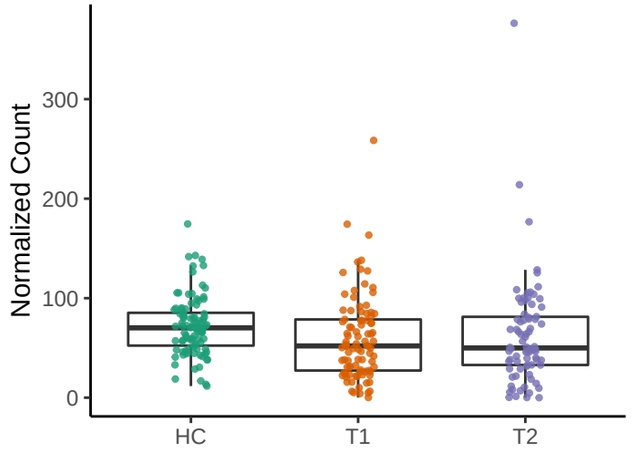
PWY−5899: superpathway of menaquir

HC vs. T1 adjusted p = 0.056
HC vs. T2 adjusted p = 0.93
T1 vs. T2 adjusted p = 0.042



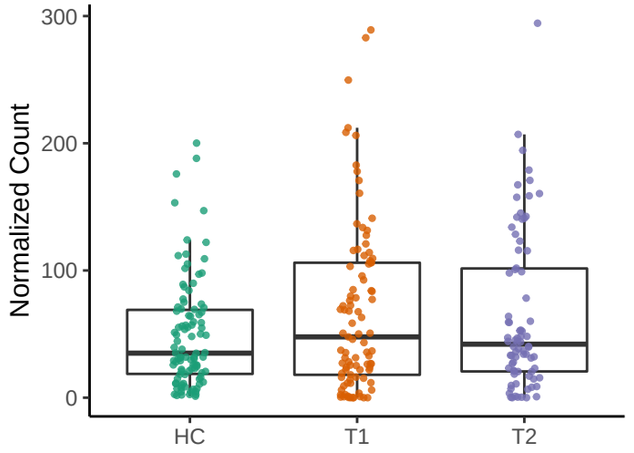
PWY−6608: guanosine nucleotides deg

HC vs. T1 adjusted p = 0.056
HC vs. T2 adjusted p = 0.28
T1 vs. T2 adjusted p = 0.6



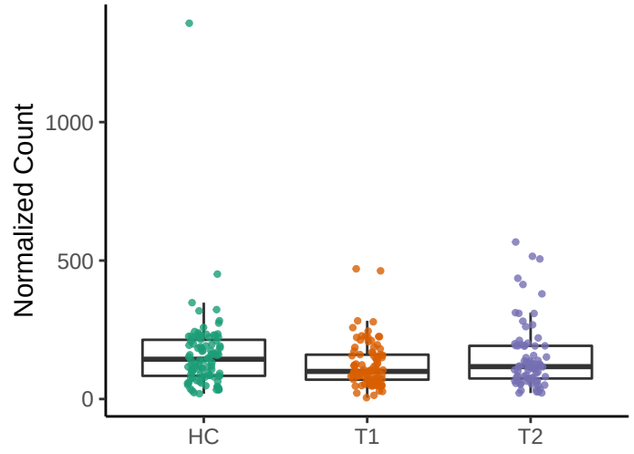
PWY−5101: L−isoleucine biosynthesis

HC vs. T1 adjusted p = 0.057
HC vs. T2 adjusted p = 0.15
T1 vs. T2 adjusted p = 0.7



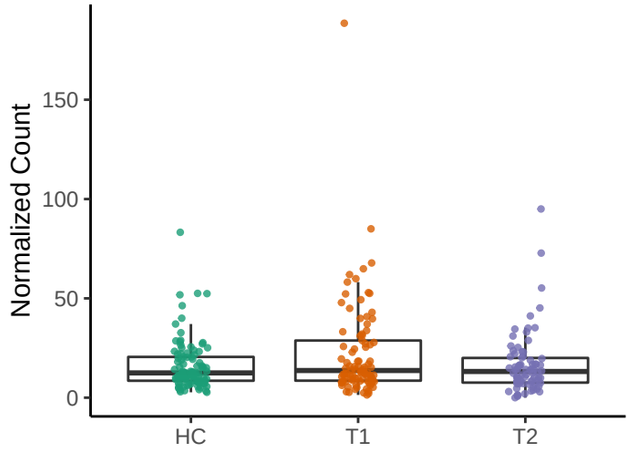
PWY0−1586: peptidoglycan maturatio

HC vs. T1 adjusted p = 0.069
HC vs. T2 adjusted p = 0.7
T1 vs. T2 adjusted p = 0.027



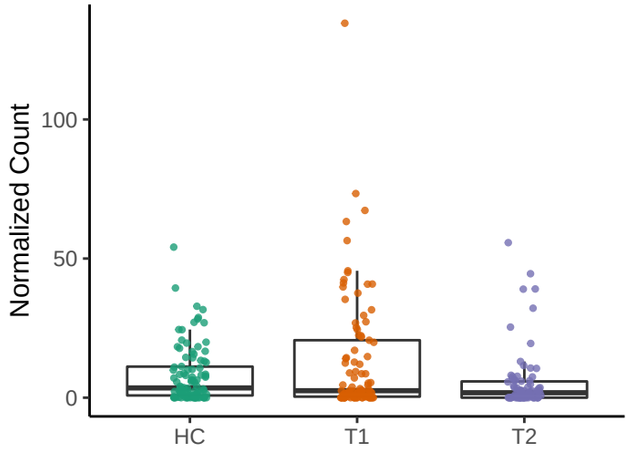
HEMESYN2−PWY: heme biosynthesis

HC vs. T1 adjusted p = 0.07
HC vs. T2 adjusted p = 0.94
T1 vs. T2 adjusted p = 0.2



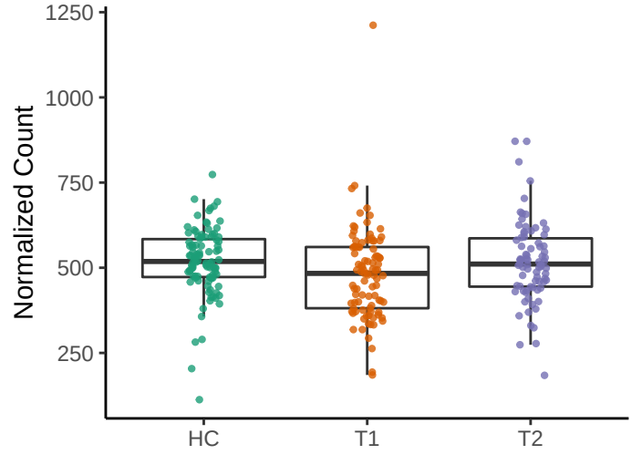
P108−PWY: pyruvate fermentation to p

HC vs. T1 adjusted p = 0.07
HC vs. T2 adjusted p = 0.24
T1 vs. T2 adjusted p = 0.018



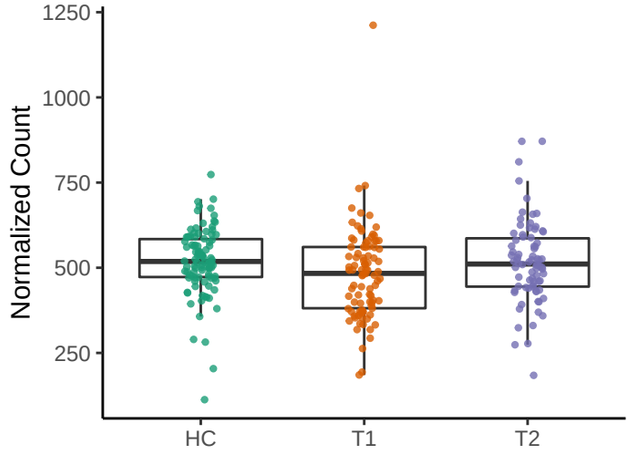
PWY−5667: CDP−diacylglycerol biosy

HC vs. T1 adjusted p = 0.07
HC vs. T2 adjusted p = 0.95
T1 vs. T2 adjusted p = 0.21



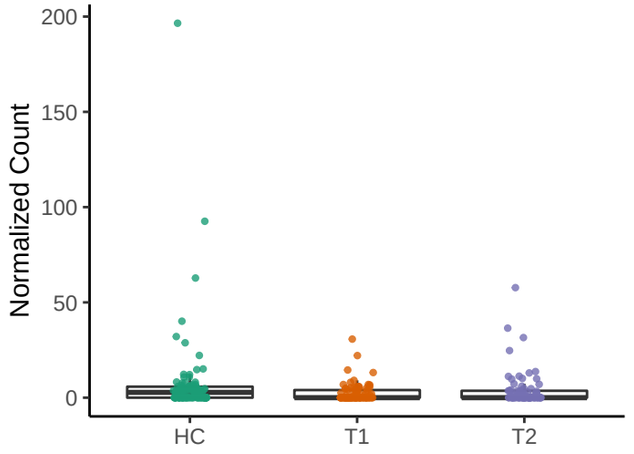
PWY0−1319: CDP−diacylglycerol bios

HC vs. T1 adjusted p = 0.07
HC vs. T2 adjusted p = 0.95
T1 vs. T2 adjusted p = 0.21



P124−PWY: Bifidobacterium shunt

HC vs. T1 adjusted p = 0.077
HC vs. T2 adjusted p = 0.28
T1 vs. T2 adjusted p = 0.24



PWY−7187: pyrimidine deoxyribonucleotides de novo biosynthesis II

HC vs. T1 adjusted p = 0.081
HC vs. T2 adjusted p = 0.18
T1 vs. T2 adjusted p = 0.59