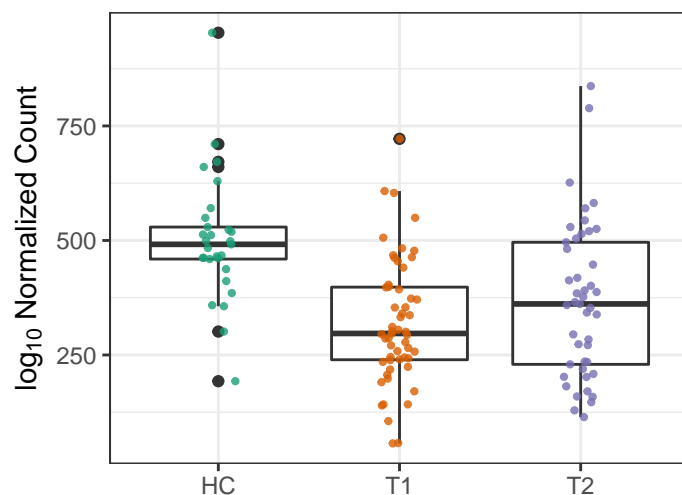


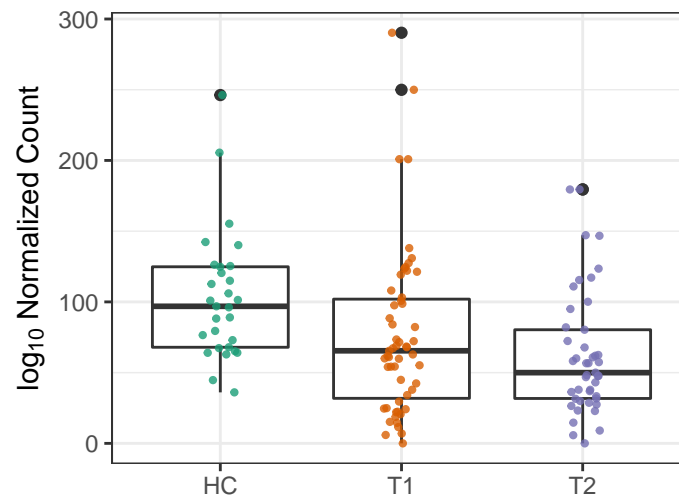
DTDPRHAMSYN-PWY: dTDP-L-rhar

HC vs. T1 $p = 3.1e-05$
 HC vs. T2 $p = 0.03$
 T1 vs. T2 $p = 0.16$



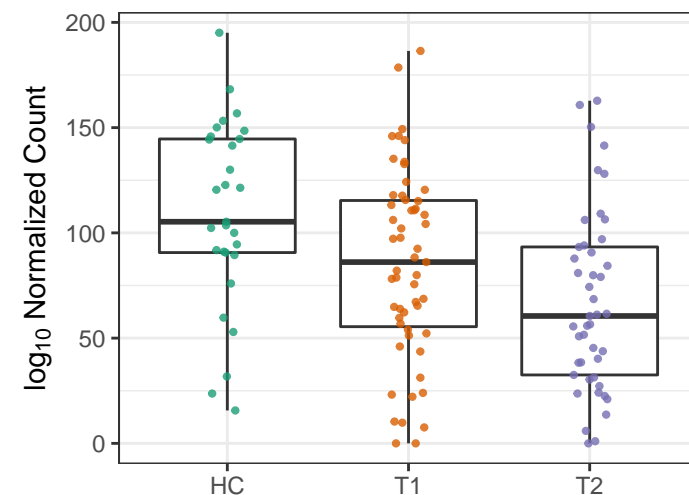
HSERMETANA-PWY: L-methionine bi

HC vs. T1 $p = 0.081$
 HC vs. T2 $p = 0.03$
 T1 vs. T2 $p = 0.49$



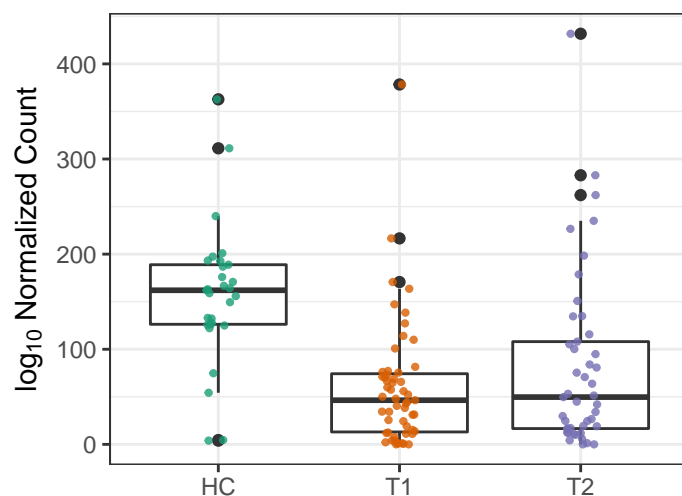
PRPP-PWY: superpathway of histidine

HC vs. T1 $p = 0.074$
 HC vs. T2 $p = 0.03$
 T1 vs. T2 $p = 0.17$



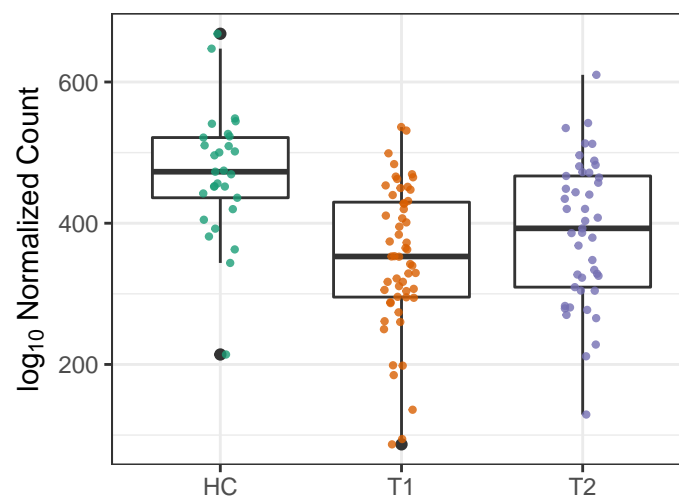
PWY-5177: glutaryl-CoA degradation

HC vs. T1 $p = 2.1e-05$
 HC vs. T2 $p = 0.03$
 T1 vs. T2 $p = 0.17$



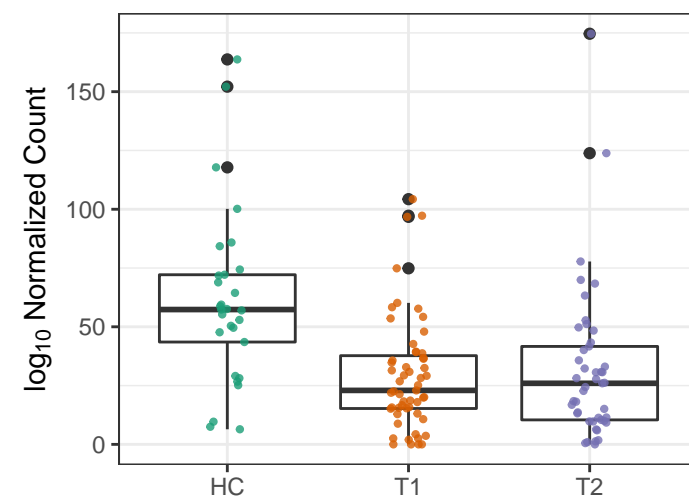
TRNA-CHARGING-PWY: tRNA charg

HC vs. T1 $p = 3.1e-05$
 HC vs. T2 $p = 0.03$
 T1 vs. T2 $p = 0.17$



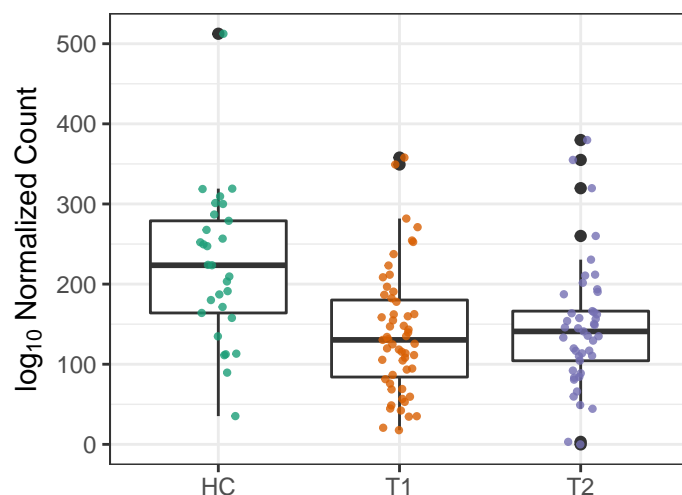
POLYAMSYN-PWY: superpathway of p

HC vs. T1 $p = 0.0018$
 HC vs. T2 $p = 0.037$
 T1 vs. T2 $p = 0.64$



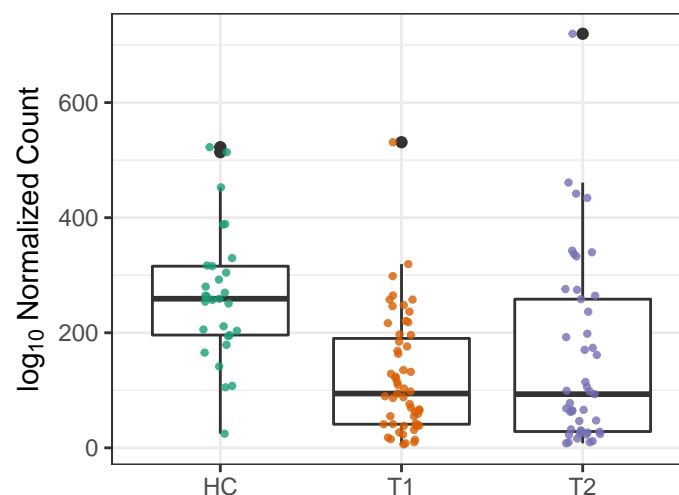
PWY-5347: superpathway of L-methic

HC vs. T1 $p = 0.002$
 HC vs. T2 $p = 0.037$
 T1 vs. T2 $p = 0.59$



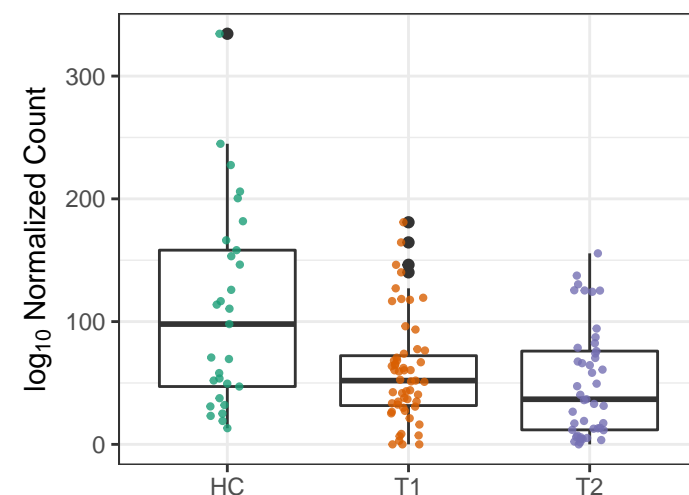
PWY-7242: D-fructuronate degradatic

HC vs. T1 $p = 5.2e-05$
 HC vs. T2 $p = 0.037$
 T1 vs. T2 $p = 0.23$



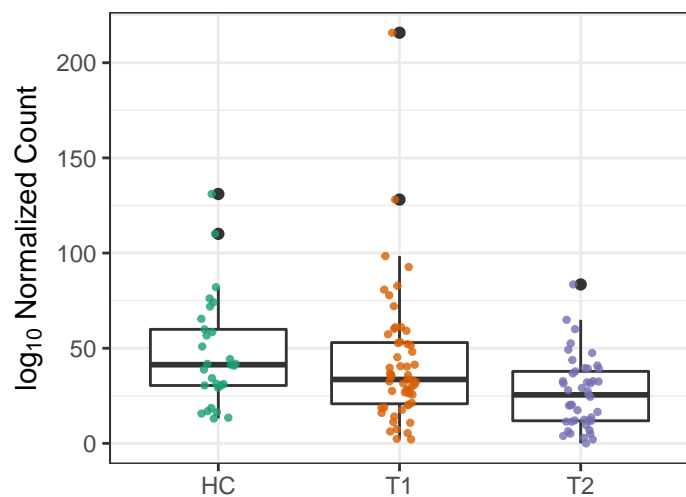
PWY0-781: aspartate superpathway

HC vs. T1 $p = 0.024$
 HC vs. T2 $p = 0.037$
 T1 vs. T2 $p = 0.79$



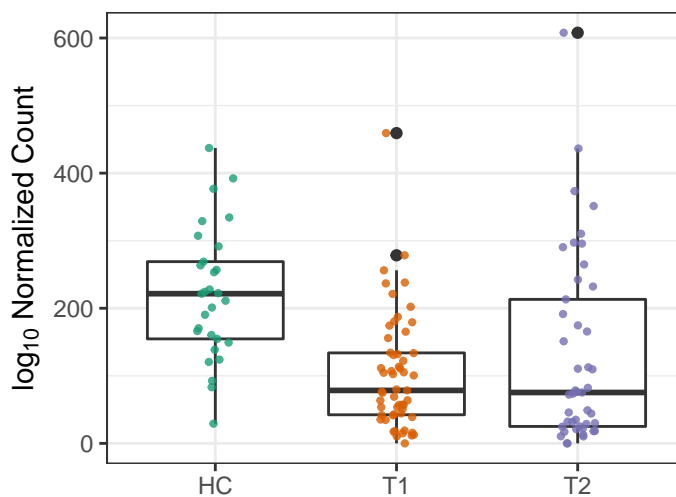
TCA: TCA cycle I (prokaryotic)

HC vs. T1 $p = 0.61$
 HC vs. T2 $p = 0.037$
 T1 vs. T2 $p = 0.16$



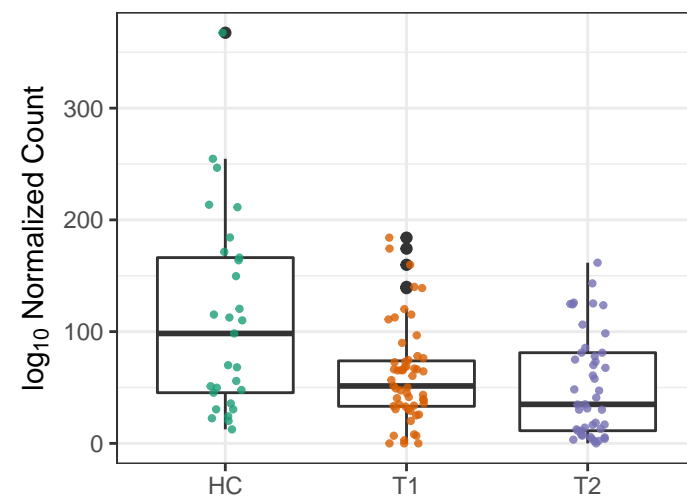
GLUCUROCAT-PWY: superpathway of

HC vs. T1 $p = 5.8e-05$
 HC vs. T2 $p = 0.042$
 T1 vs. T2 $p = 0.23$



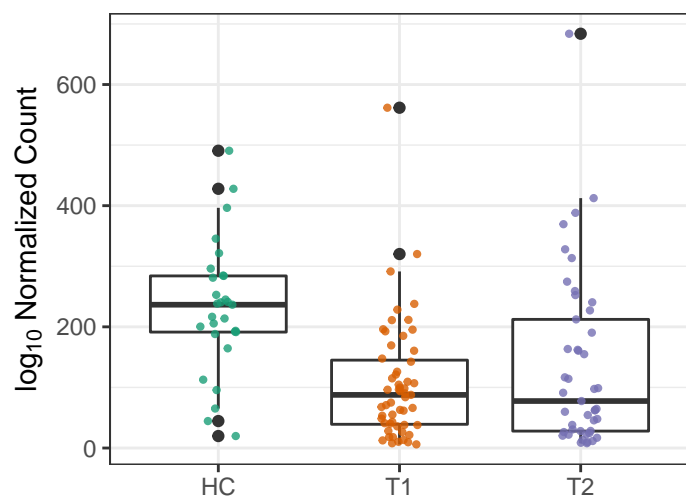
P4-PWY: superpathway of L-lysine, L-

HC vs. T1 $p = 0.028$
 HC vs. T2 $p = 0.042$
 T1 vs. T2 $p = 0.78$



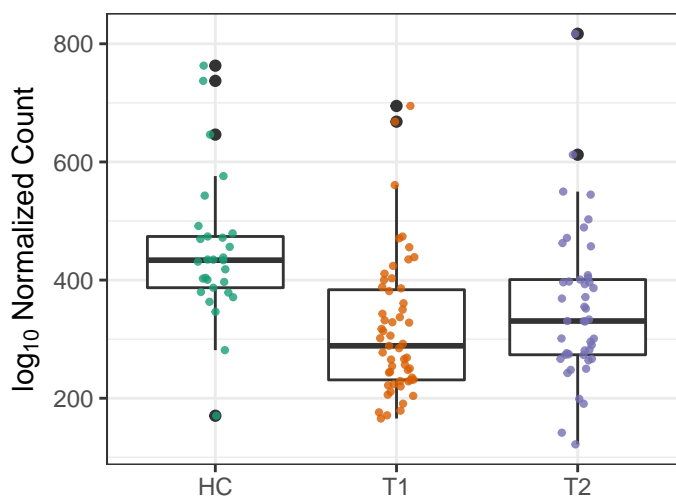
PWY-6507: 4-deoxy-L-threo-hex-4-

HC vs. T1 $p = 0.00012$
 HC vs. T2 $p = 0.042$
 T1 vs. T2 $p = 0.23$



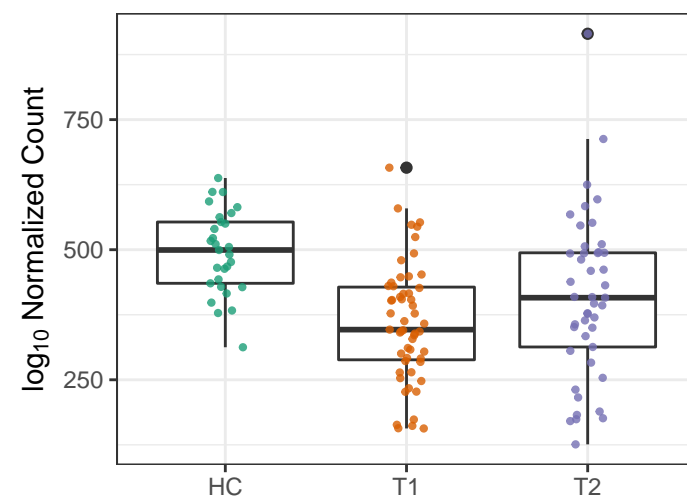
PWY-3001: superpathway of L-isoleu

HC vs. T1 $p = 0.00023$
 HC vs. T2 $p = 0.047$
 T1 vs. T2 $p = 0.16$



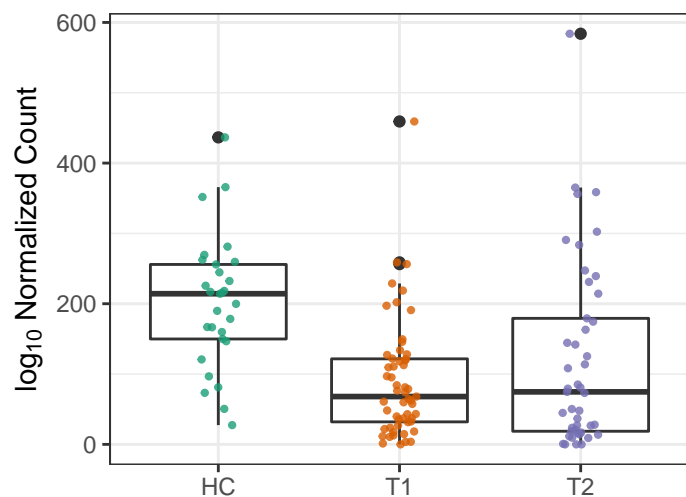
CALVIN-PWY: Calvin-Benson-Bassha

HC vs. T1 $p = 2.4e-06$
 HC vs. T2 $p = 0.055$
 T1 vs. T2 $p = 0.17$



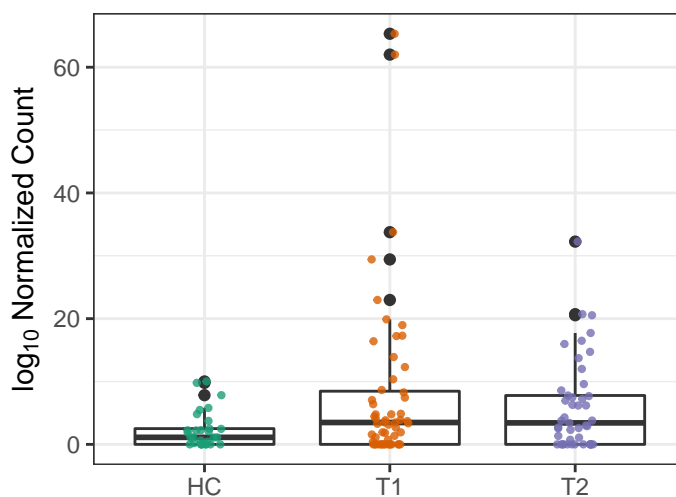
GALACT-GLUCUROCAT-PWY: super

HC vs. T1 $p = 7.1e-05$
 HC vs. T2 $p = 0.055$
 T1 vs. T2 $p = 0.19$



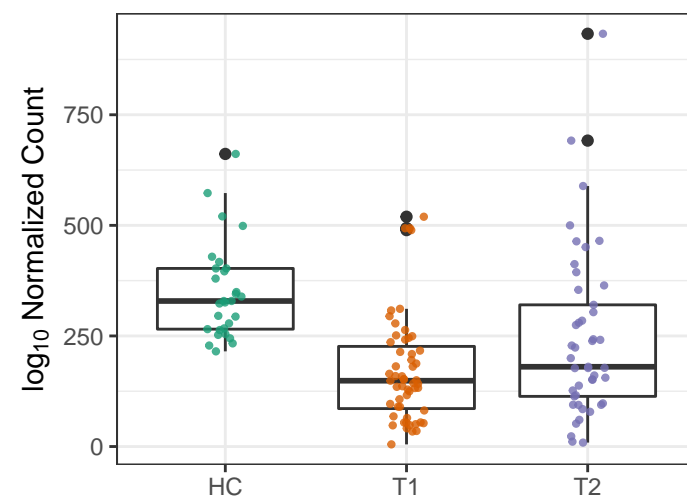
PWY-5464: superpathway of cytosolic

HC vs. T1 $p = 0.024$
 HC vs. T2 $p = 0.062$
 T1 vs. T2 $p = 0.73$



PWY-621: sucrose degradation III (suc

HC vs. T1 $p = 1.2e-06$
 HC vs. T2 $p = 0.063$
 T1 vs. T2 $p = 0.16$

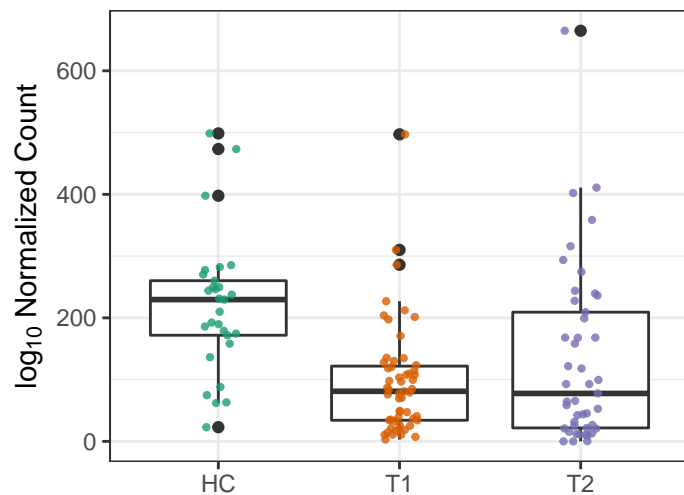


GALACTUROCAT–PWY: D–galacturonic acid

HC vs. T1 $p = 0.00017$

HC vs. T2 $p = 0.068$

T1 vs. T2 $p = 0.17$

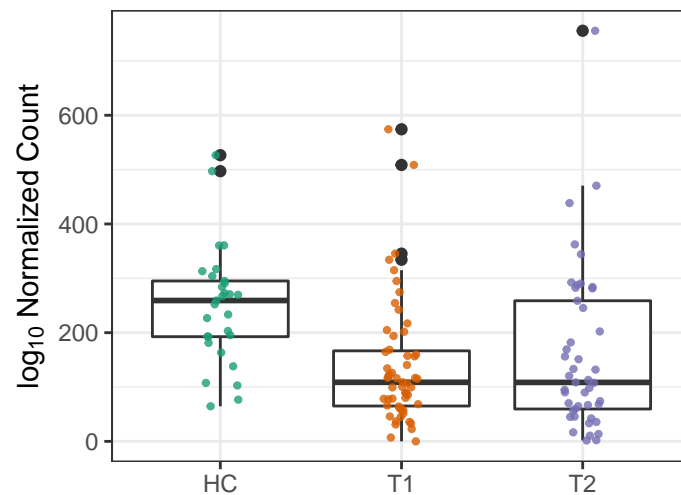


GLCMANNANAUT–PWY: superpathway of mannose

HC vs. T1 $p = 0.00076$

HC vs. T2 $p = 0.068$

T1 vs. T2 $p = 0.24$

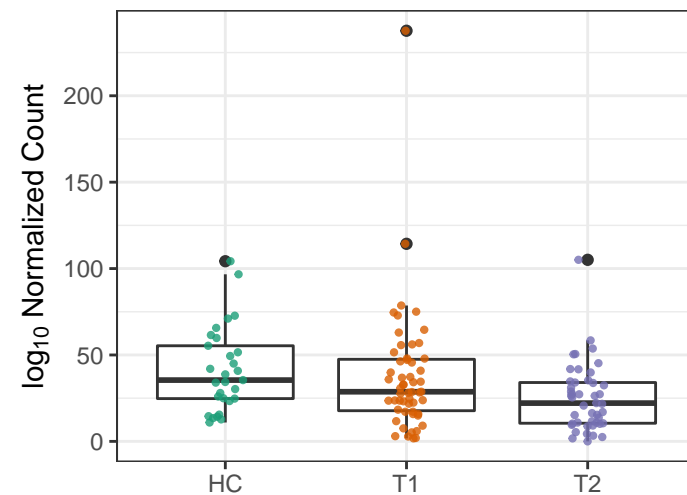


PWY–6969: TCA cycle V (2–oxoglutarate) biosynthesis

HC vs. T1 $p = 0.67$

HC vs. T2 $p = 0.068$

T1 vs. T2 $p = 0.17$

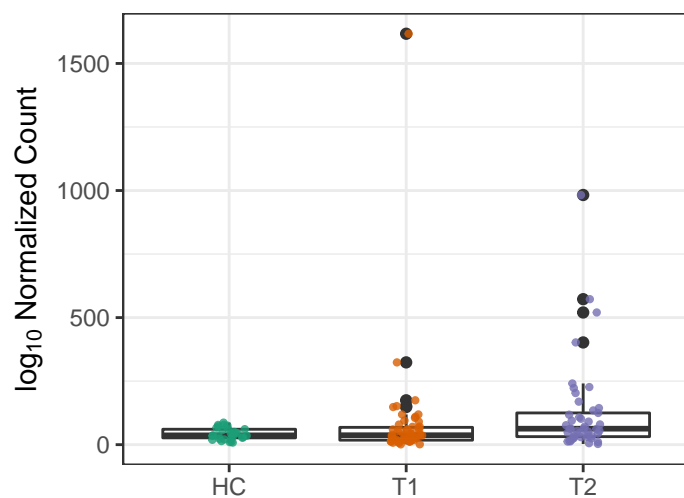


PWY–7237: myo–, chiro– and scillo–inositol

HC vs. T1 $p = 0.34$

HC vs. T2 $p = 0.068$

T1 vs. T2 $p = 0.59$

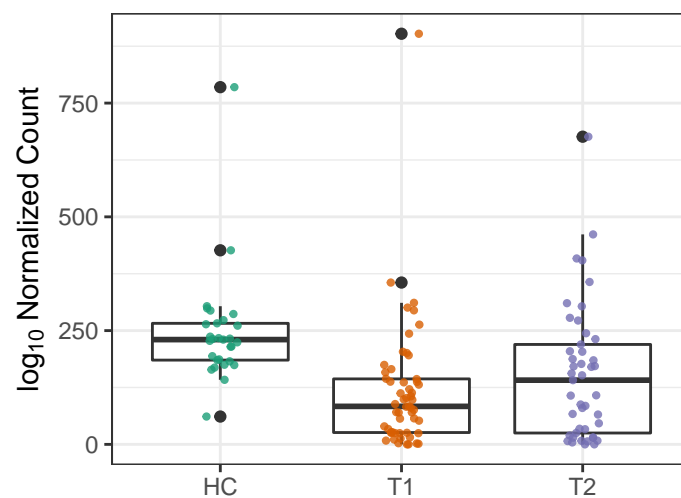


COBALSYN–PWY: adenosylcobalamin

HC vs. T1 $p = 7e-04$

HC vs. T2 $p = 0.069$

T1 vs. T2 $p = 0.16$

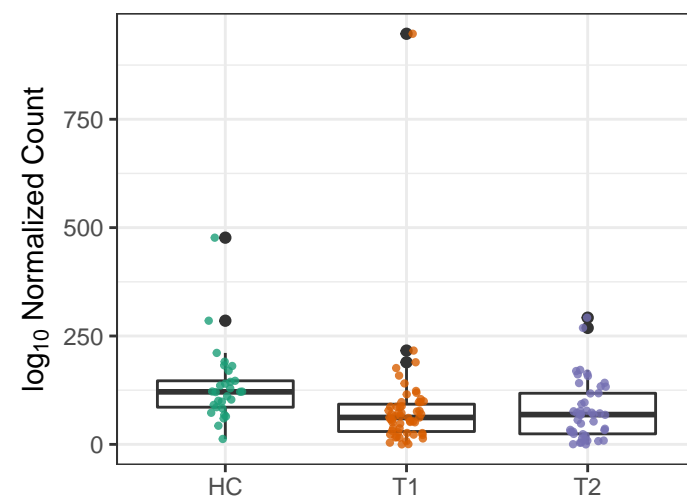


PWY–6305: putrescine biosynthesis IV

HC vs. T1 $p = 0.12$

HC vs. T2 $p = 0.071$

T1 vs. T2 $p = 0.29$

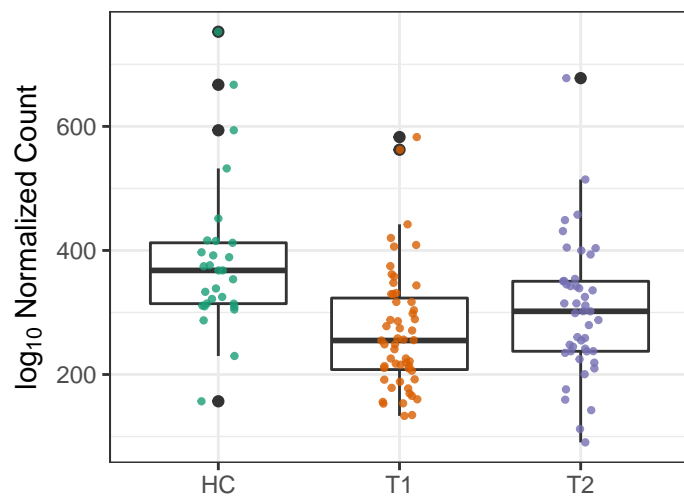


THRESYN–PWY: superpathway of L–threonine

HC vs. T1 $p = 0.00099$

HC vs. T2 $p = 0.071$

T1 vs. T2 $p = 0.16$

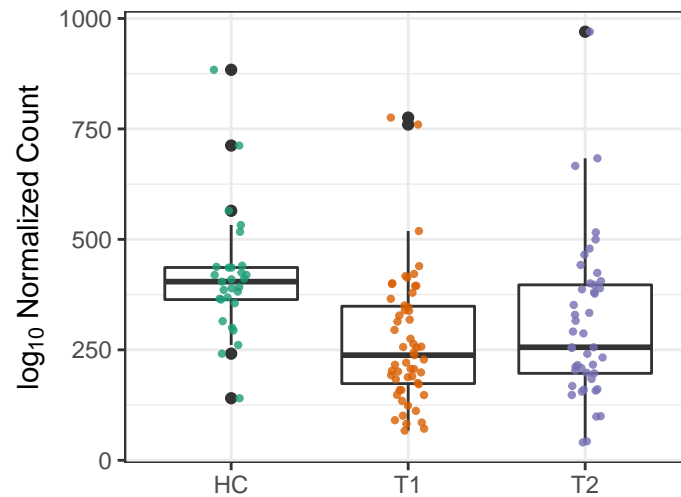


PWY–7357: thiamin formation from pyruvate

HC vs. T1 $p = 0.00057$

HC vs. T2 $p = 0.074$

T1 vs. T2 $p = 0.16$

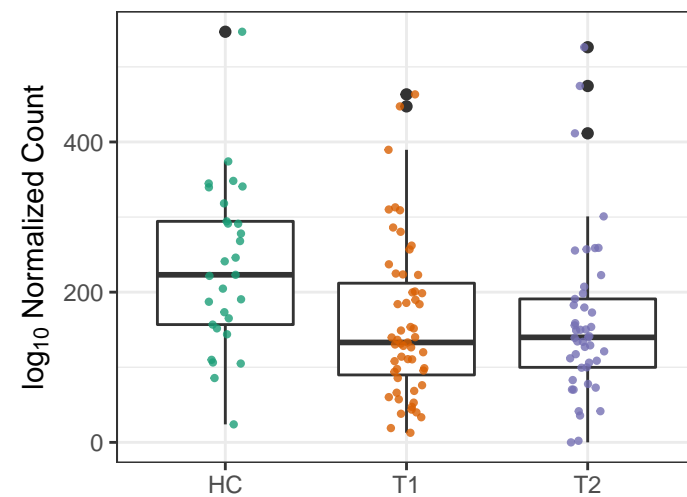


MET–SAM–PWY: superpathway of S–adenosylmethionine

HC vs. T1 $p = 0.024$

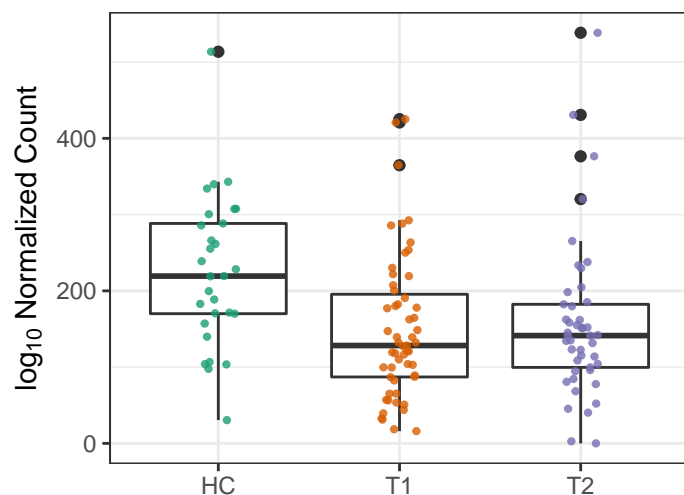
HC vs. T2 $p = 0.075$

T1 vs. T2 $p = 0.86$



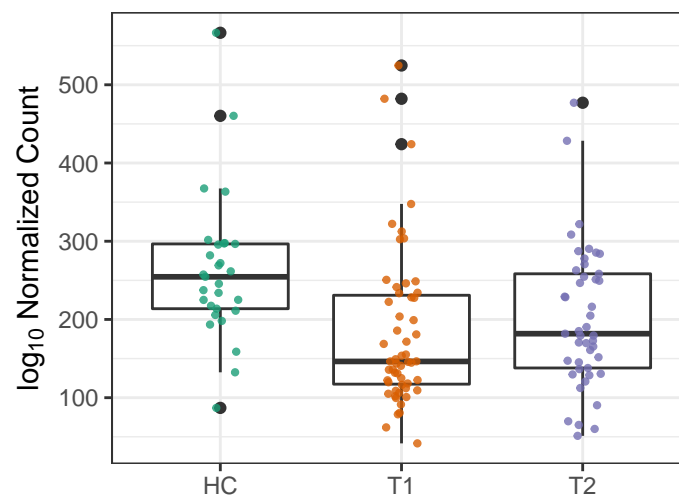
METSYN-PWY: L-homoserine and L-

HC vs. T1 $p = 0.012$
HC vs. T2 $p = 0.075$
T1 vs. T2 $p = 0.67$



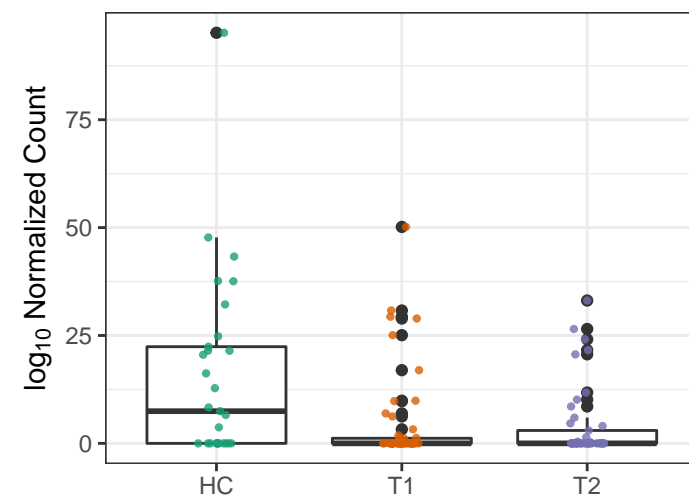
PWY-5100: pyruvate fermentation to a

HC vs. T1 $p = 0.0049$
HC vs. T2 $p = 0.075$
T1 vs. T2 $p = 0.35$



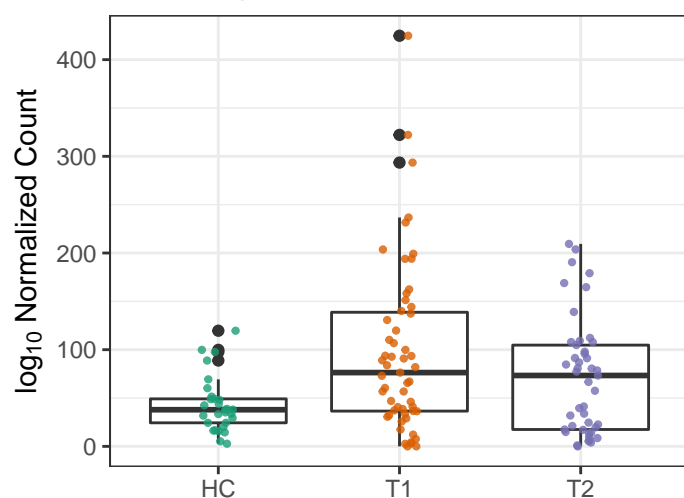
PWY-7209: superpathway of pyrimidine

HC vs. T1 $p = 0.039$
HC vs. T2 $p = 0.078$
T1 vs. T2 $p = 0.92$



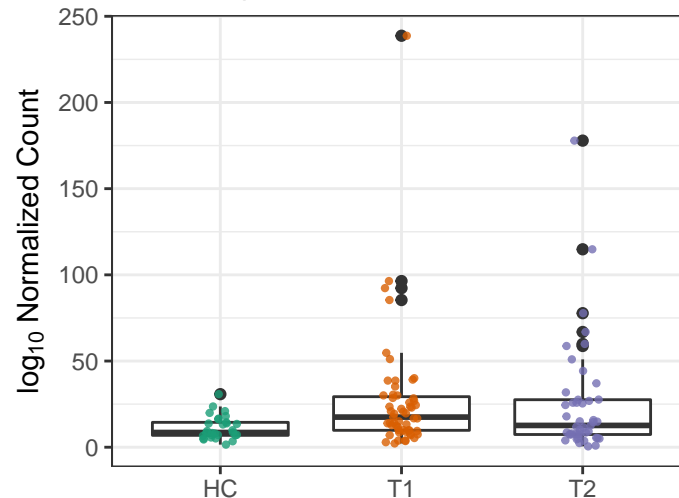
PWY-5484: glycolysis II (from fructose

HC vs. T1 $p = 0.00094$
HC vs. T2 $p = 0.079$
T1 vs. T2 $p = 0.25$



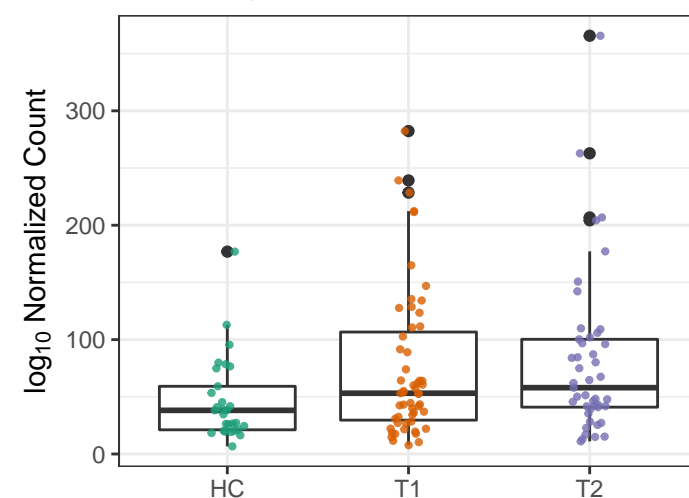
P161-PWY: acetylene degradation

HC vs. T1 $p = 0.018$
HC vs. T2 $p = 0.082$
T1 vs. T2 $p = 0.89$



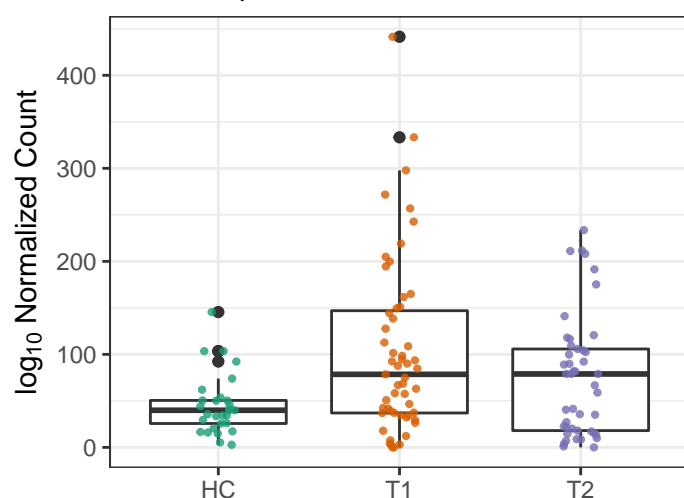
PWY0-1297: superpathway of purine c

HC vs. T1 $p = 0.054$
HC vs. T2 $p = 0.082$
T1 vs. T2 $p = 0.77$



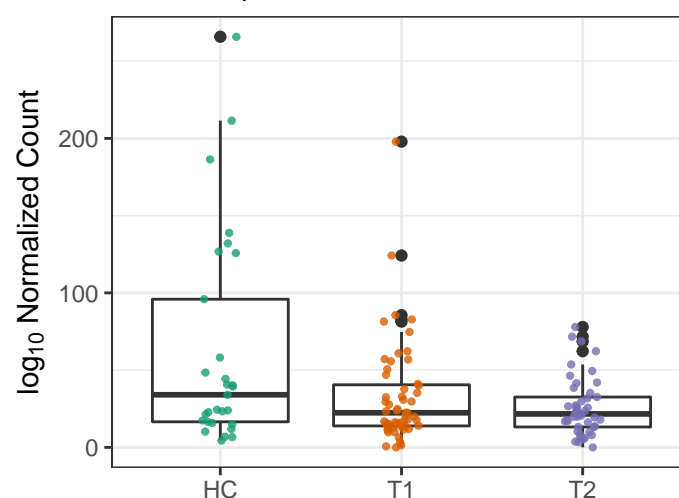
GLYCOLYSIS: glycolysis I (from glucos

HC vs. T1 $p = 0.0012$
HC vs. T2 $p = 0.084$
T1 vs. T2 $p = 0.26$



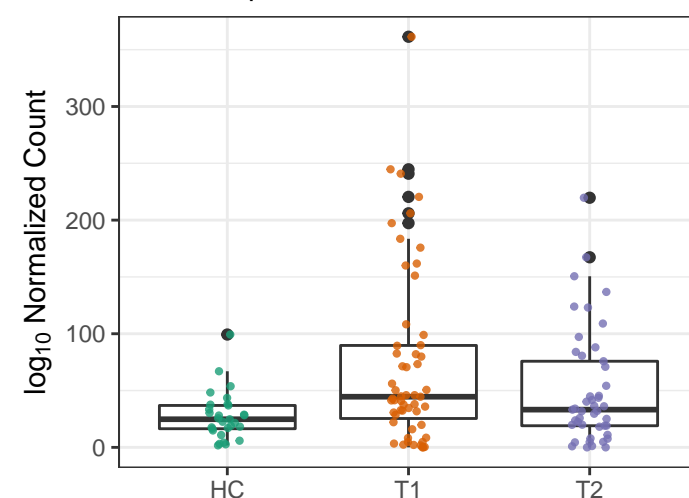
PENTOSE-P-PWY: pentose phosphat

HC vs. T1 $p = 0.12$
HC vs. T2 $p = 0.084$
T1 vs. T2 $p = 0.58$



PWY66-400: glycolysis VI (metazoan)

HC vs. T1 $p = 0.0013$
HC vs. T2 $p = 0.084$
T1 vs. T2 $p = 0.22$



HEME-BIOSYNTHESIS-II: heme biosynthesis I (aerobic)

HC vs. T1 p = 0.024

HC vs. T2 p = 0.085

T1 vs. T2 p = 0.48

