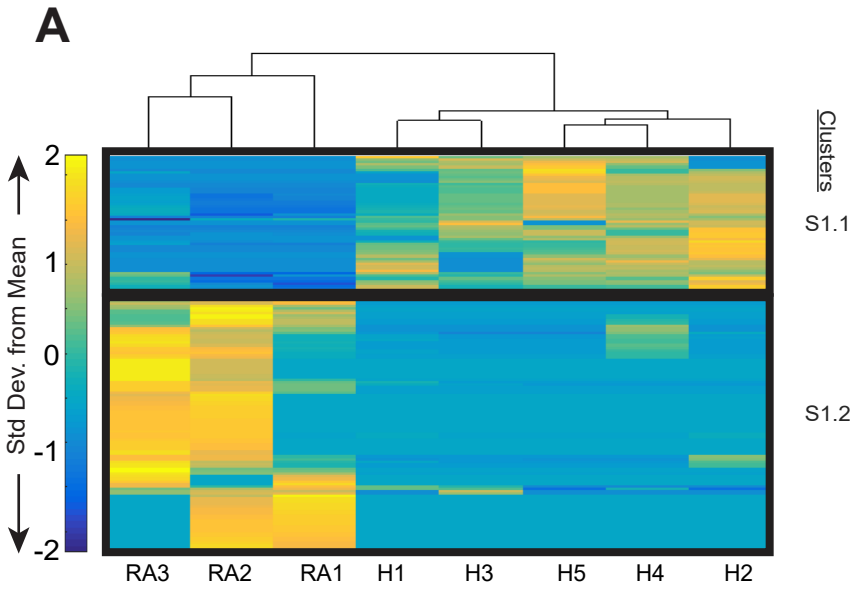
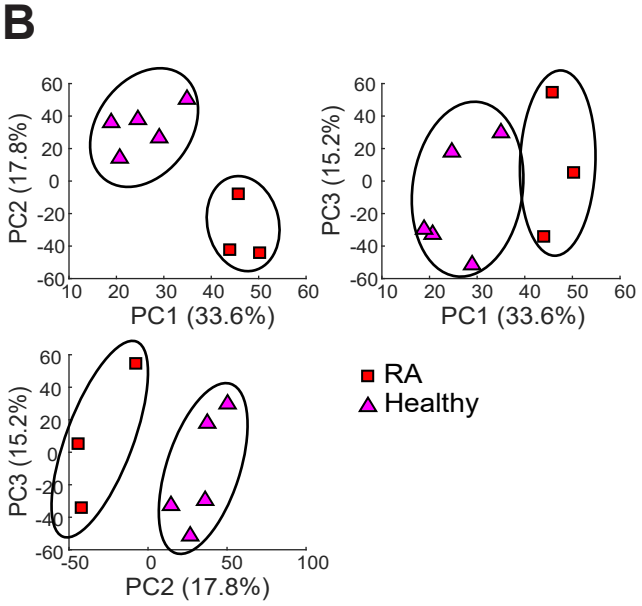
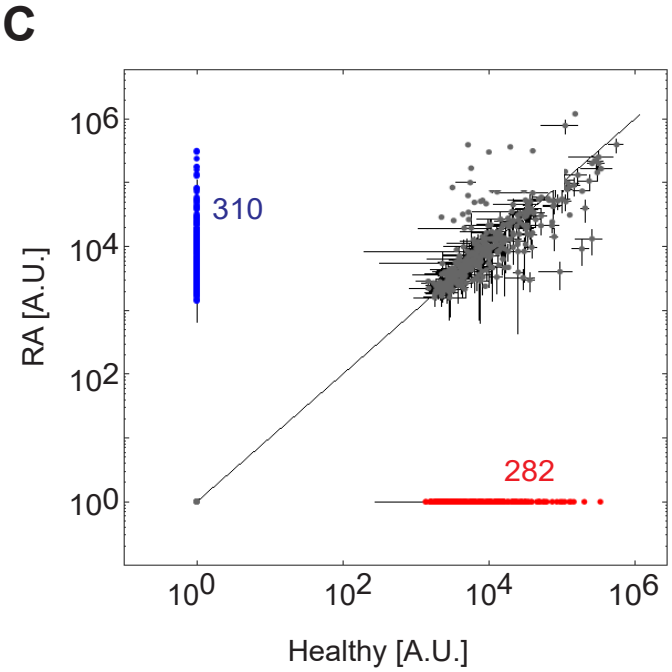
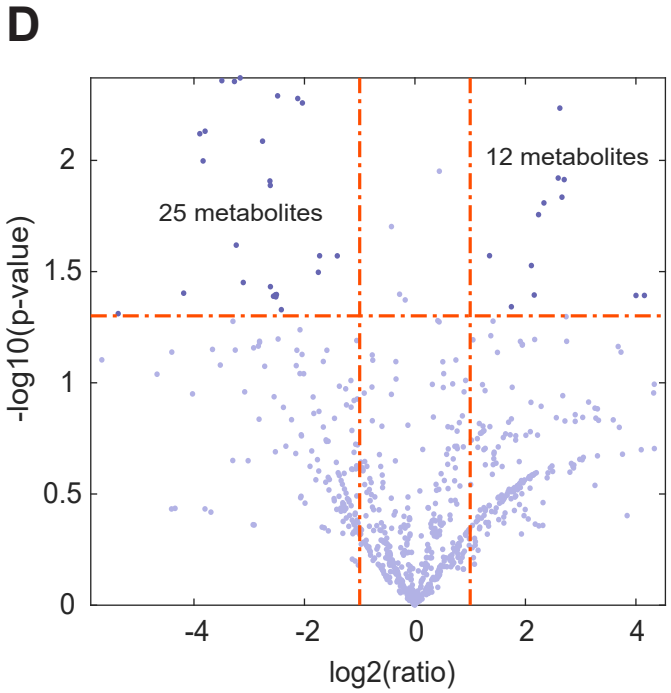

A
Std Dev. from Mean
2
1
0
-1
-2
RA3
RA2
RA1
H1
H3
H5
H4
H2
Clusters
S1.1
S1.2


B
PC2 (17.8%)
PC1 (33.6%)
PC3 (15.2%)
PC1 (33.6%)
PC3 (15.2%)
PC2 (17.8%)
RA
Healthy


C
310
282
RA [A.U.]
Healthy [A.U.]


D
25 metabolites
12 metabolites
-log10(p-value)
log2(ratio)