

Beyond glucose: Metabolic shifts in responses to the effects of the oral glucose tolerance test and the high-fructose diet in rats

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Figure S1.

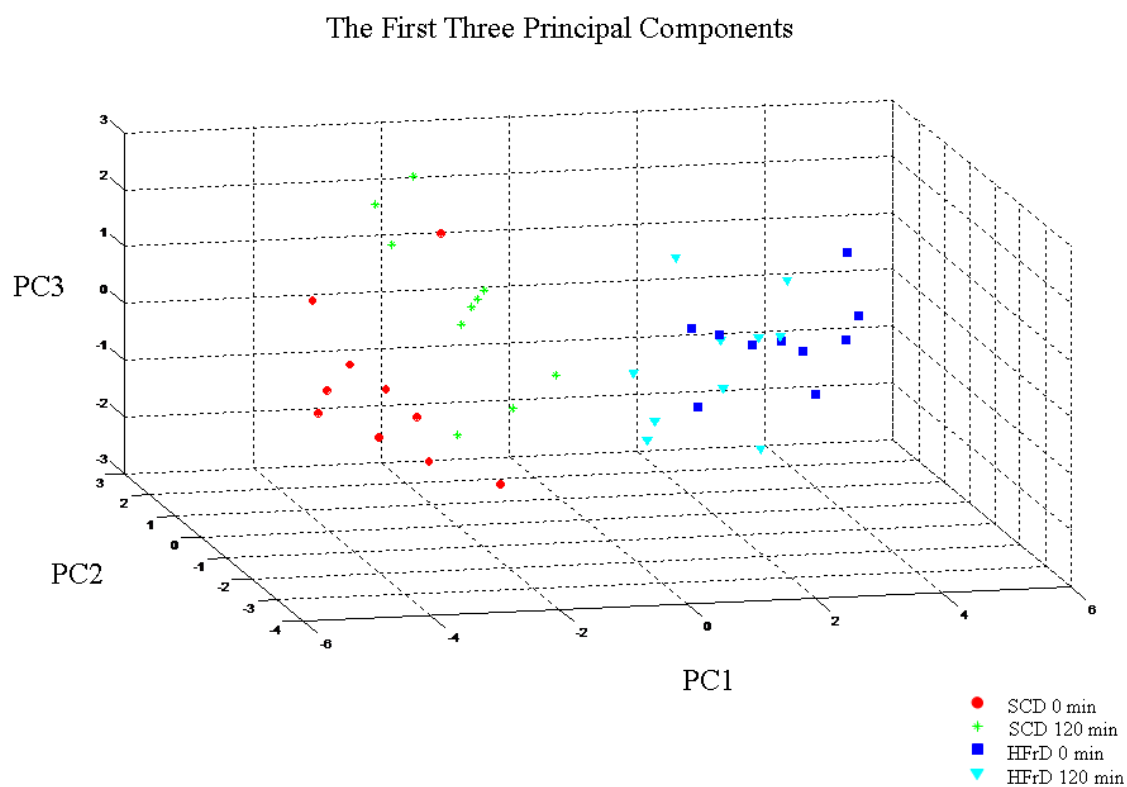


Figure S1. Linear PCA clustering results of the four groups: SCD at 0 min, SCD at 120 min, HFrD at 0 min and HFrD at 120 min by the oGTT.

Figure S2.

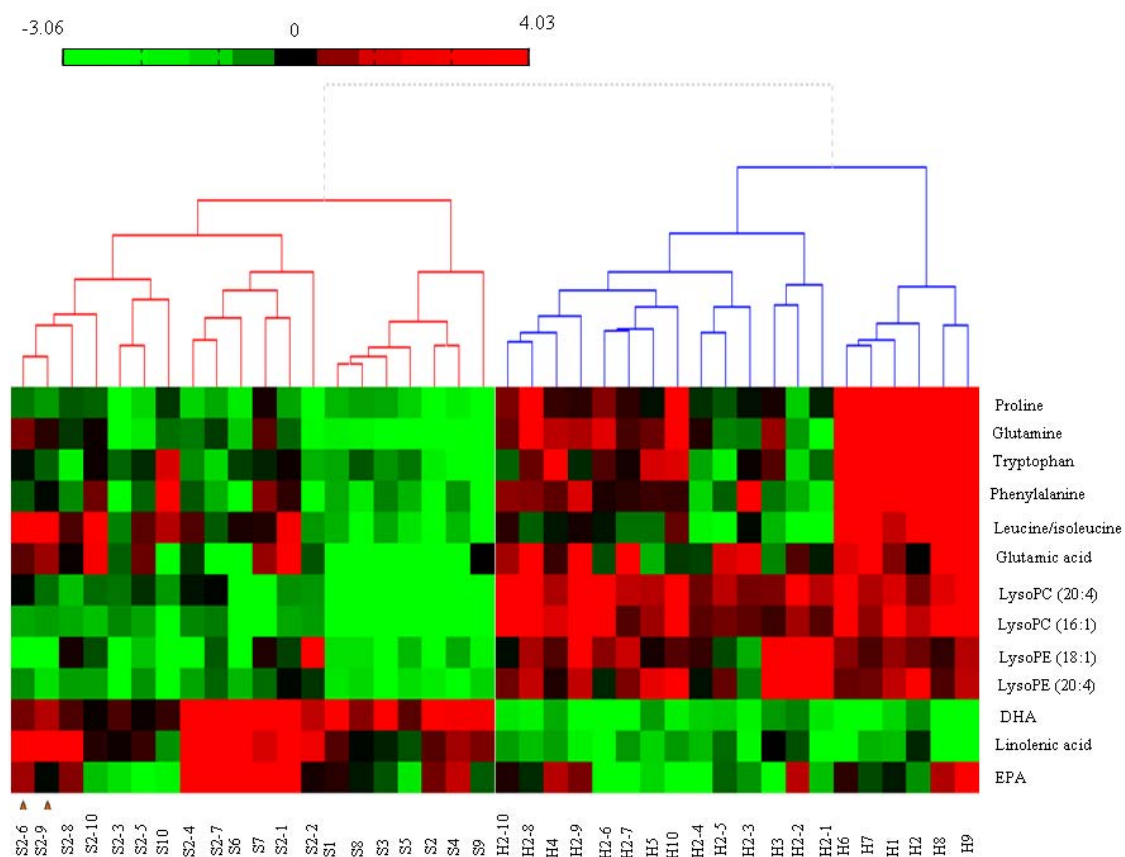


Figure S2. Cluster heat map for four groups (S: SCD at 0 min; S2: SCD at 120 min; H: HFrD at 0 min; H2: HFrD at 120 min) (fold-change range: -3.06 to 4.03).

Figure S3.

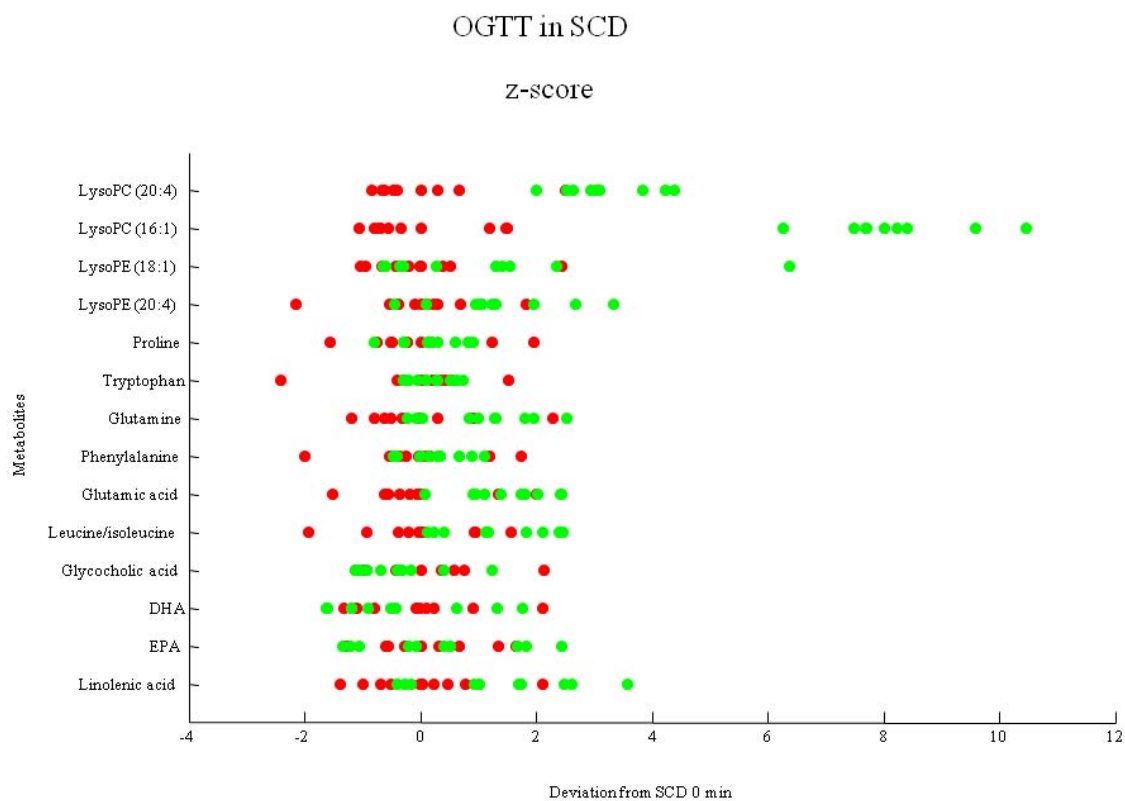


Figure S3. Z-score plot for the oGTT effect in SCD group (z-score range: -4 to 12).

Figure S4.

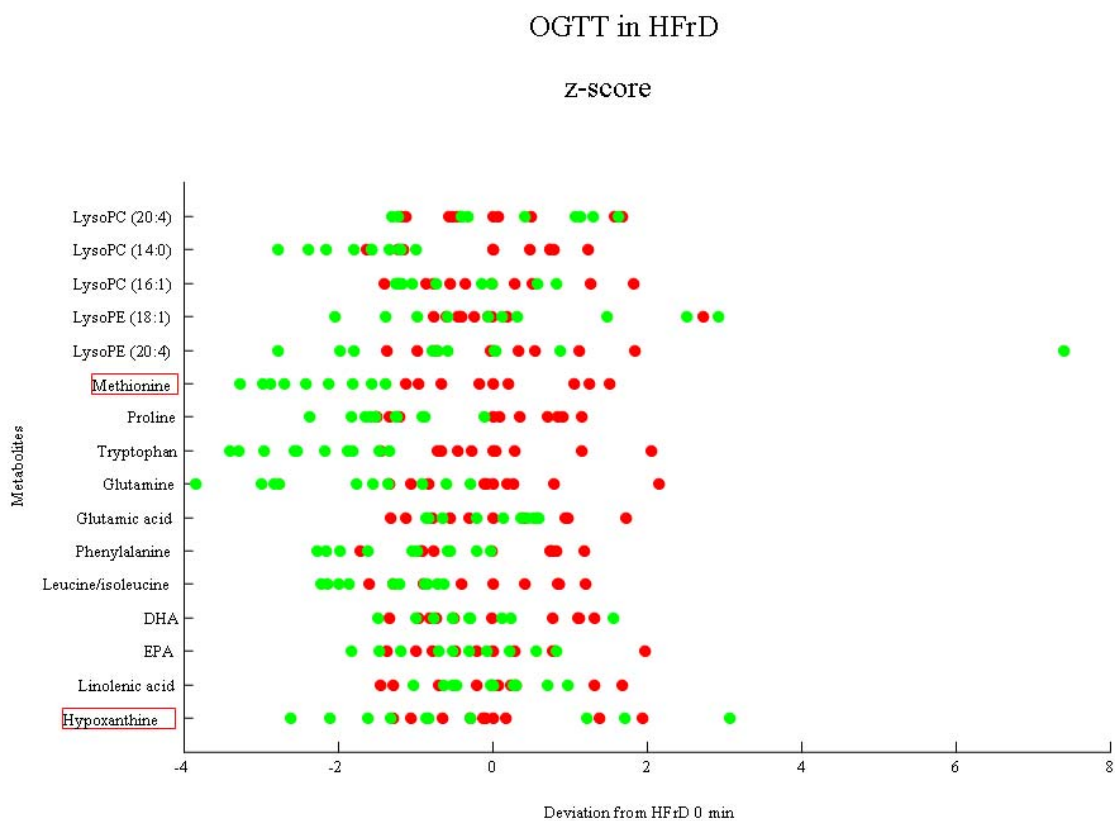


Figure S4. Z-score plot for the oGTT effect in HFrD group (z-score range: -4 to 8).

Figure S5.

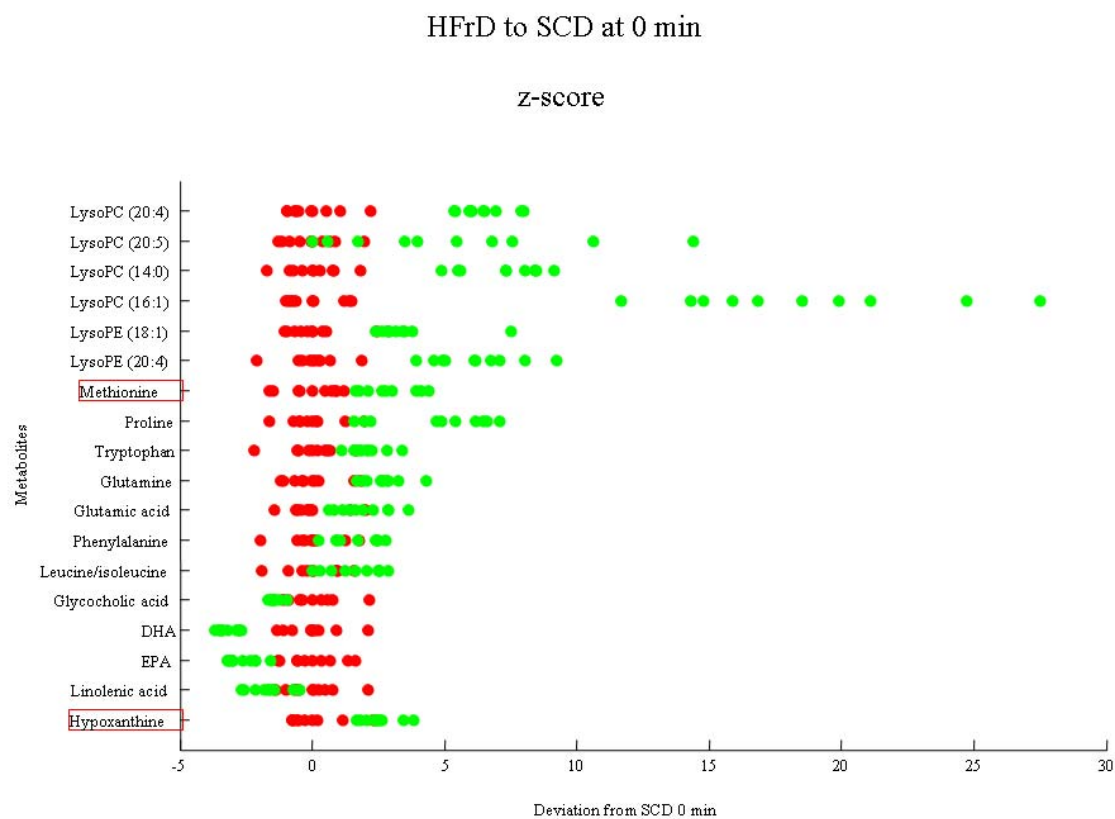


Figure S5. Z-score plot for HFrD versus SCD before glucose ingestion (z-score range: -5 to 30).

Figure S6.

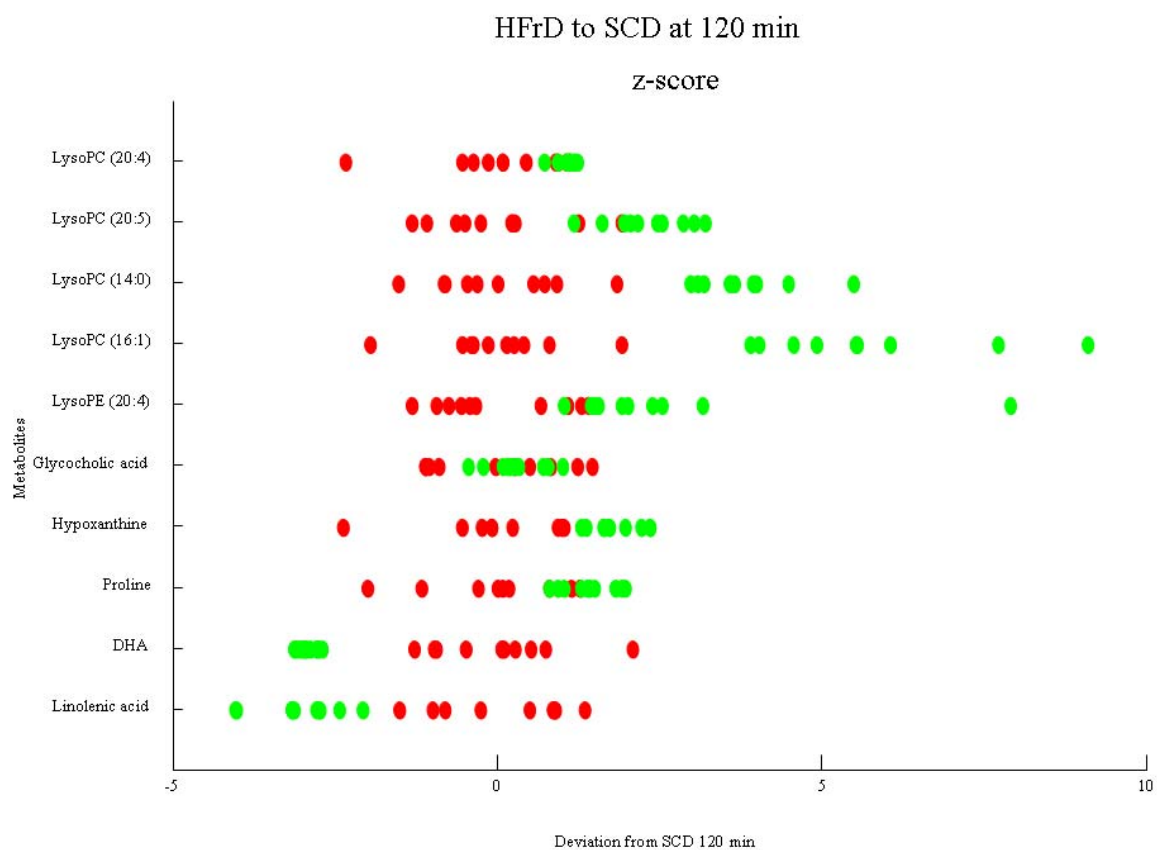


Figure S6. Z-score plot for HFrD versus SCD at 120 min after glucose ingestion (z-score range: -5 to 10)

Figure S7.

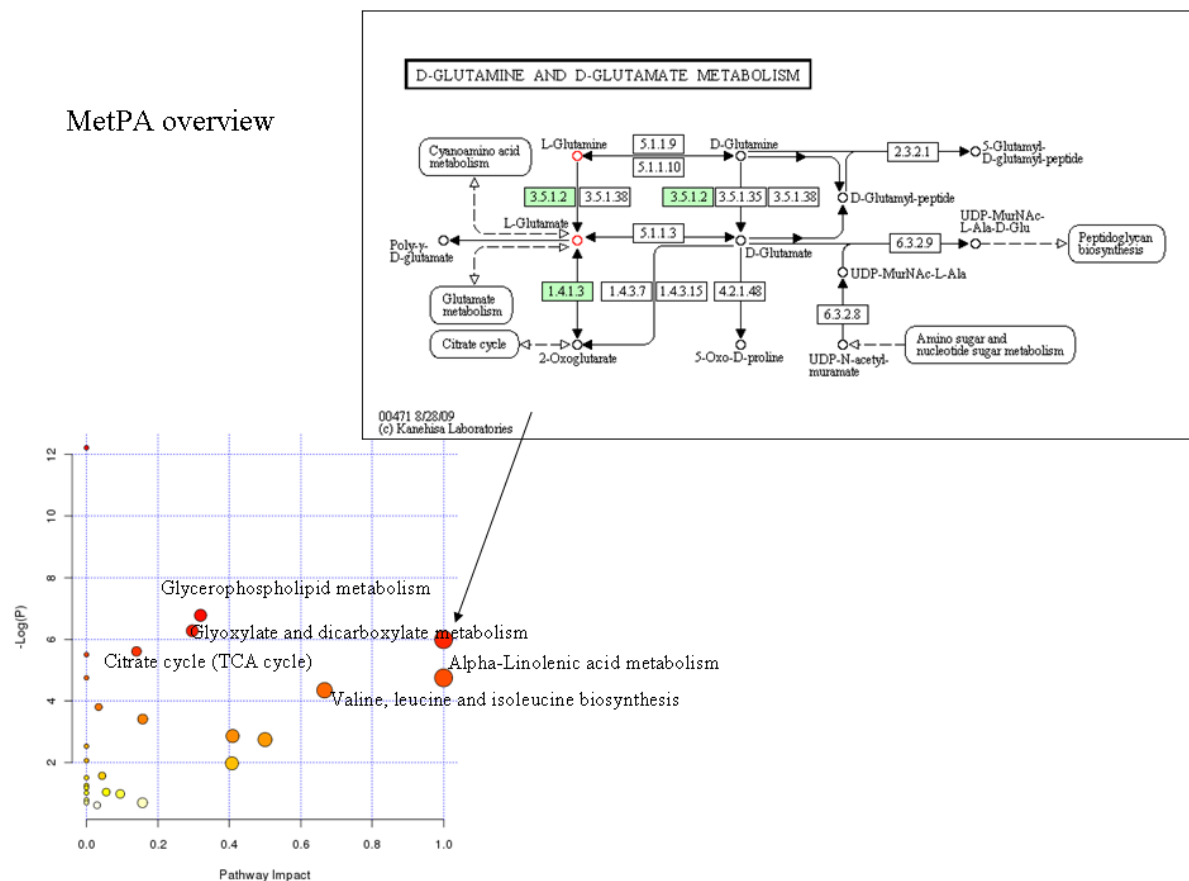


Figure S7. Proposed pathway library construction and visualization for the metabolites of interest of plasma and tissues disturbed by high fructose intake using MetPA web tool. D-glutamine and D-glutamate metabolism was selected as the example.