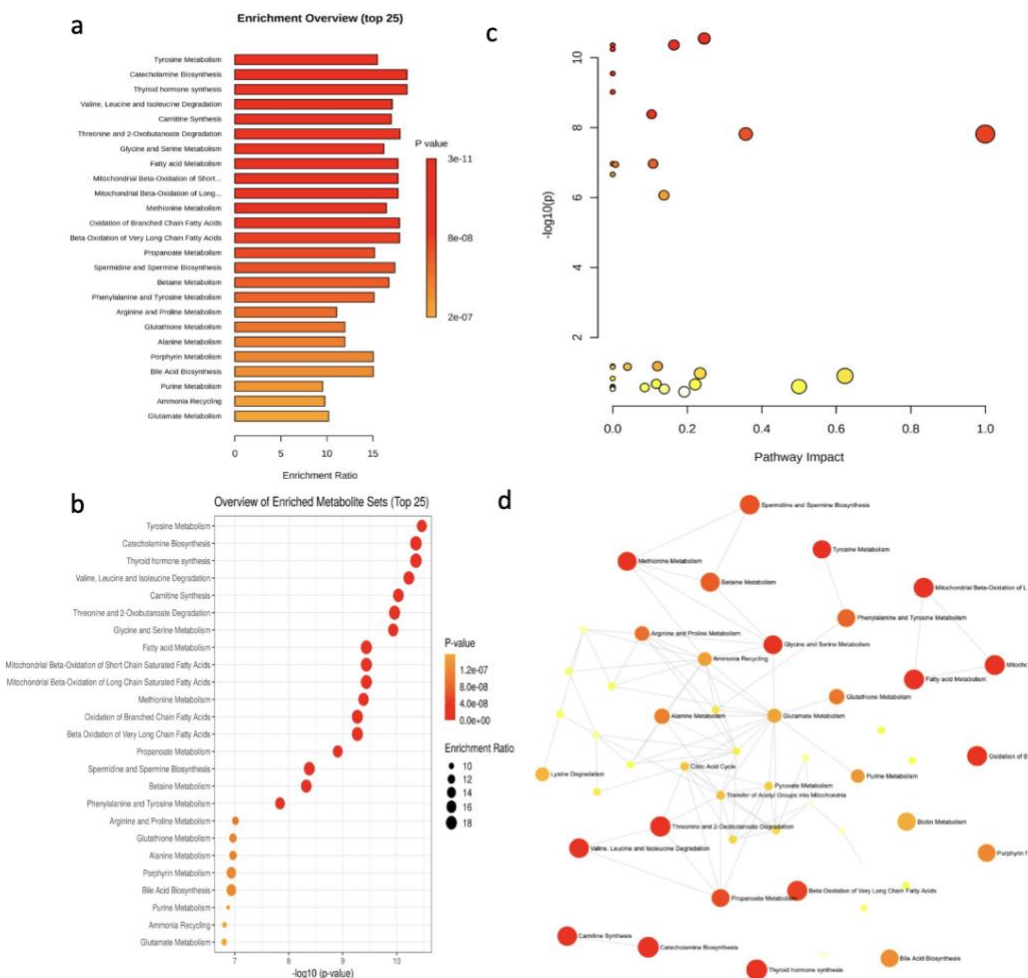




Supplemental Figure 5. Metabolic pathways showed various metabolism changes when comparing CPUO and HC. **(a, b)** Enriched metabolic associations are demonstrated, with darker red circles indicating a more significant (lower) q -value (FDR-adjusted p -value). In figure b, the larger circles indicate a larger enrichment ratio, or the ratio of expected to actual hits in the pathway, **(c)** The pathway view shows matched pathways arranged by p -values from pathway enrichment analysis (Y-axis) and pathway impact values from pathway topology analysis (X-axis), **(d)** Visualization of pathway relationships. Node color and radius are based on the p -value and pathway impact value respectively.