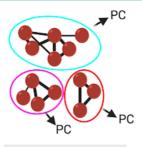
Analysis pipeline



1019 metabolites following quality control Group metabolites into modules of highly coexpressed metabolites using weighted gene coexpression network analysis (WGCNA). Derive the first principal component (PC) of each module to be used for association analyses



WGCNA modules

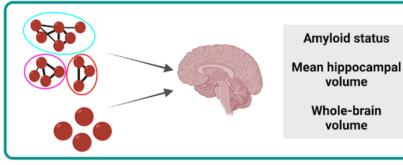
 Identify metabolites highly correlated to the module that are likely to be driving module expression



Hub metabolites



Are modules and hub metabolites associated with imaging measures? N=437





Are key modules and hub metabolites additionally associated with polygenic risk scores (PRS) for Alzheimer's disease?

N=1638

