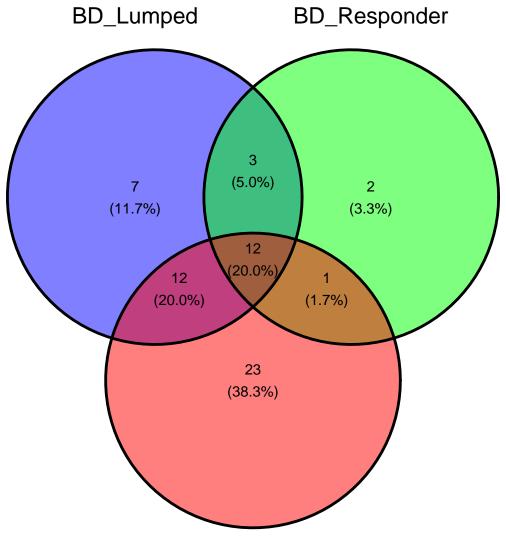


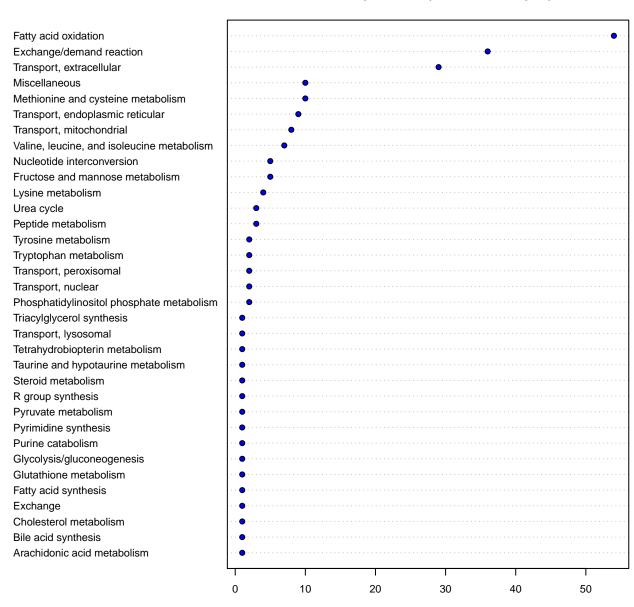
BD_NonResponder



BD_NonResponder

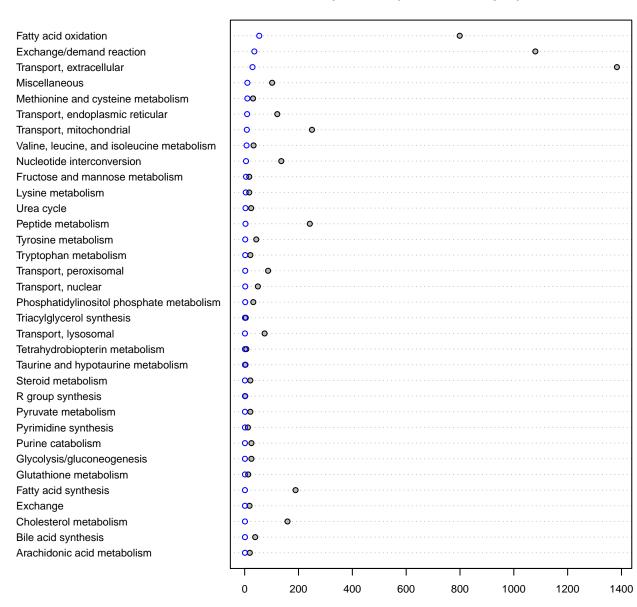
of disrupted rxns (n=209, bd_lumped)

of rxns



of disrupted rxns (n=209, bd_lumped) vs all rxns

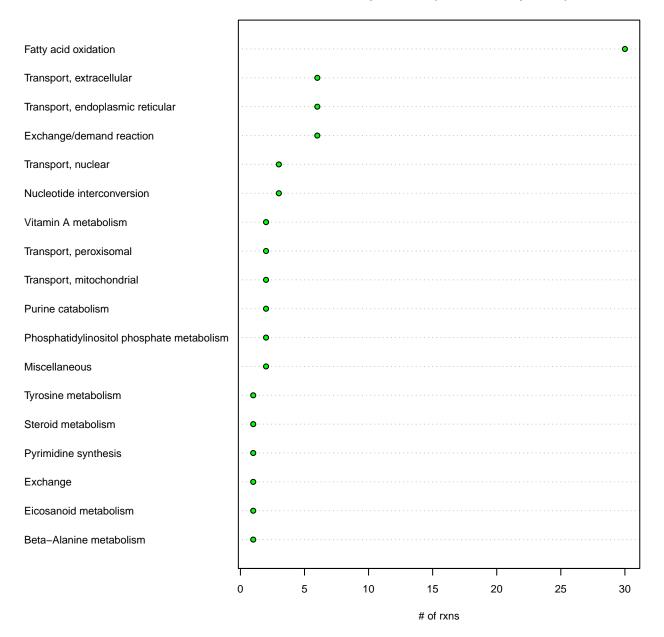
of rxns



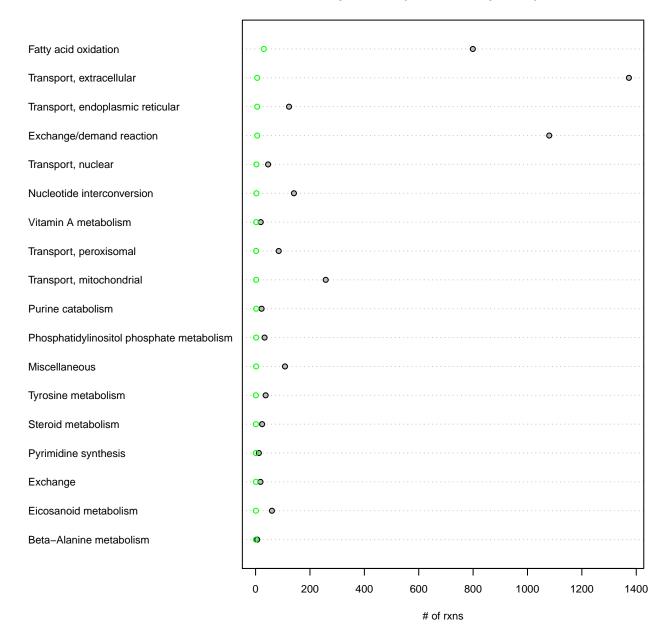
Methionine and cysteine metabolism Fatty acid oxidation Valine, leucine, and isoleucine metabolism Fructose and mannose metabolism Miscellaneous Lysine metabolism Transport, endoplasmic reticular · Urea cycle · R group synthesis Taurine and hypotaurine metabolism Triacylglycerol synthesis Tryptophan metabolism Tetrahydrobiopterin metabolism Phosphatidylinositol phosphate metabolism · Exchange/demand reaction · subSystem Nucleotide interconversion · Tyrosine metabolism · Transport, nuclear · Steroid metabolism Pyruvate metabolism Pyrimidine synthesis Purine catabolism Glycolysis/gluconeogenesis Glutathione metabolism Exchange Arachidonic acid metabolism Transport, mitochondrial · Bile acid synthesis Transport, peroxisomal · Transport, extracellular · Peptide metabolism Transport, lysosomal · Fatty acid synthesis · Cholesterol metabolism · 0.00 0.25 0.50 0.75 1.00 hypergeometric significance (fdr.adj.p.value)

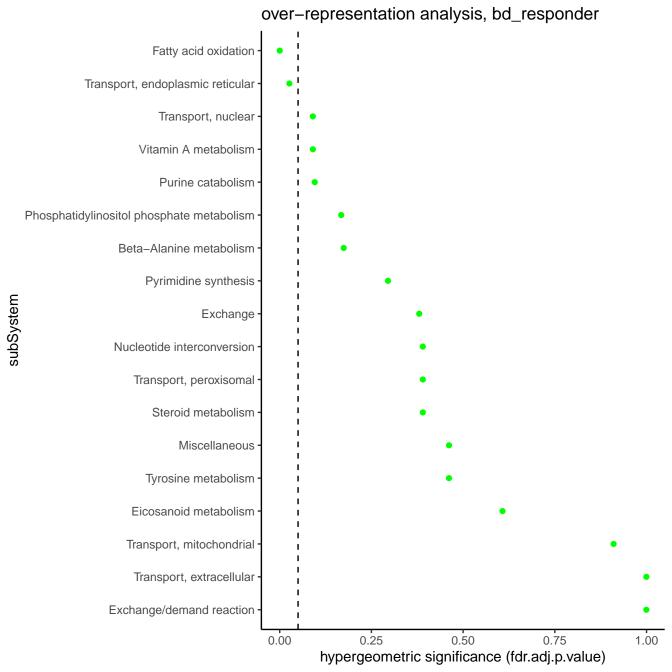
over-representation analysis, bd_lumped

of disrupted rxns (n=72, bd_responder)



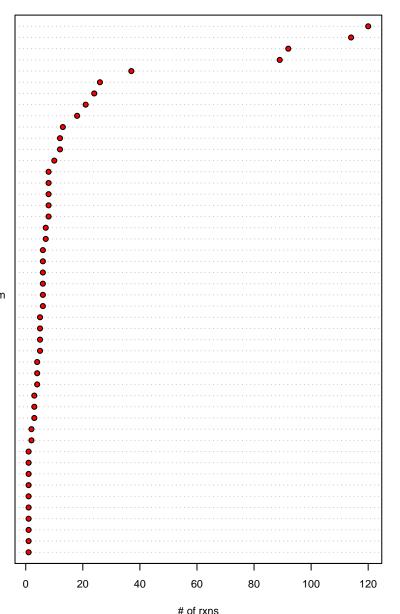
of disrupted rxns (n=72, bd_responder) vs all rxns



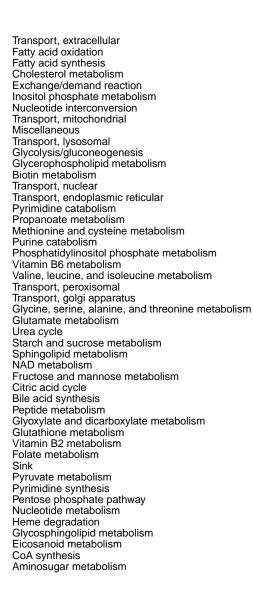


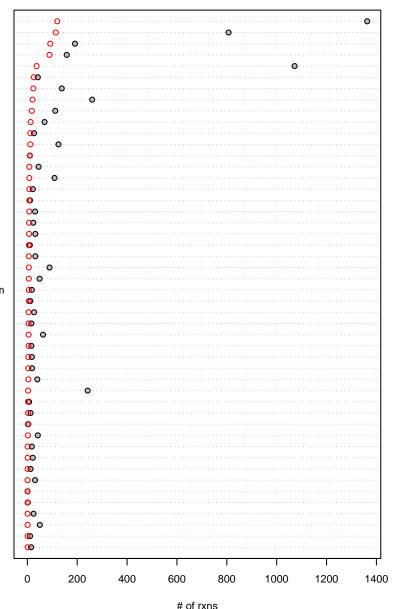
of disrupted rxns (n=733, bd_nonresponder)



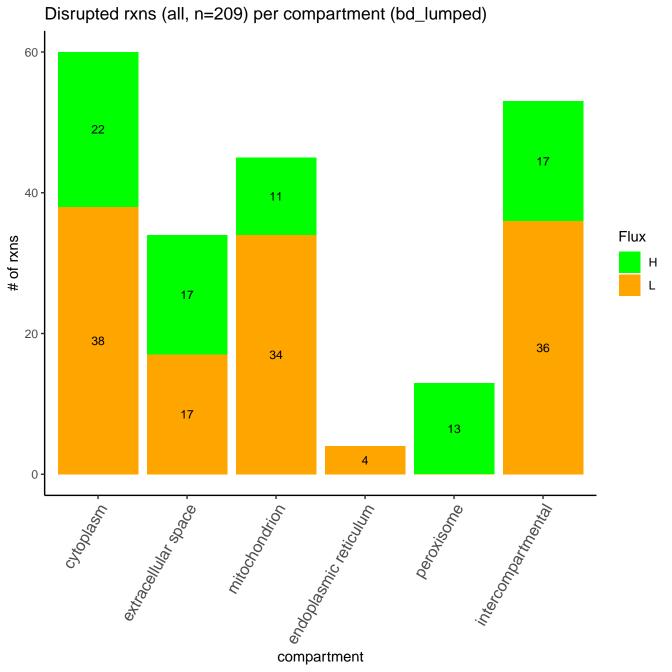


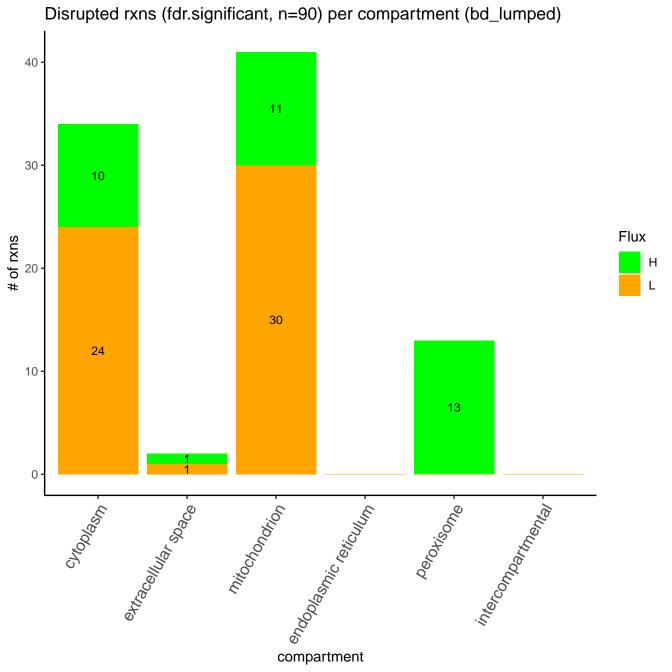
of disrupted rxns (n=733, bd_nonresponder) vs all rxns

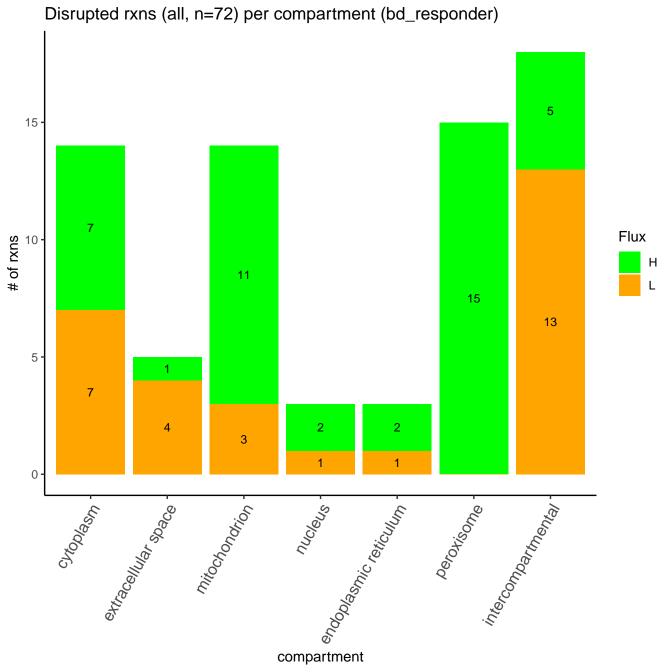


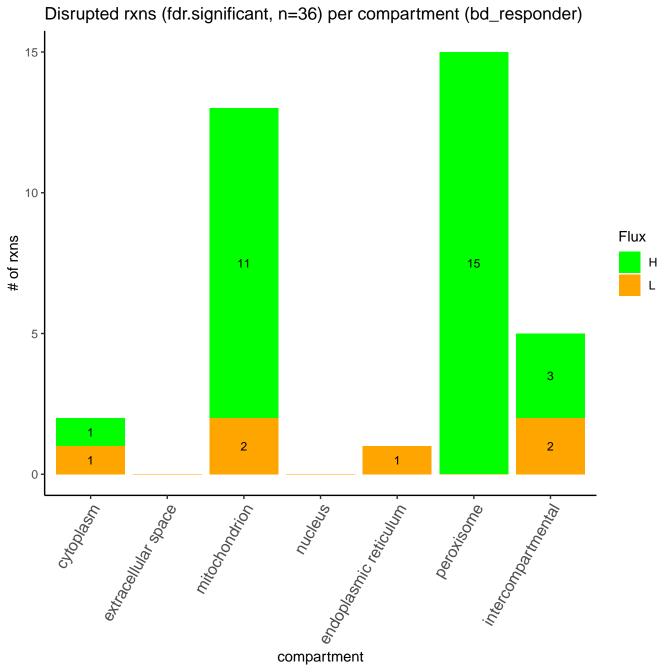


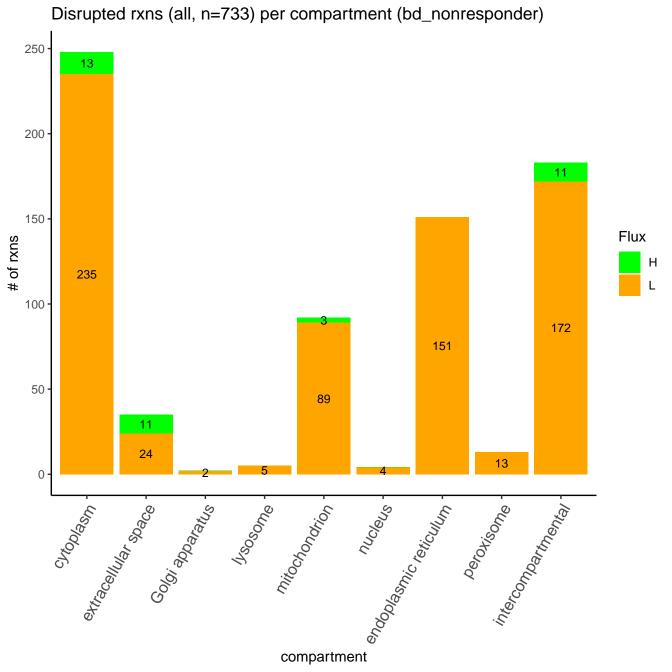
over-representation analysis, bd_nonresponder Cholesterol metabolism -Fatty acid synthesis Inositol phosphate metabolism Biotin metabolism Propanoate metabolism Glycolysis/gluconeogenesis Vitamin B6 metabolism Glutamate metabolism Pyrimidine catabolism Glycine, serine, alanine, and threonine metabolism Purine catabolism Fatty acid oxidation Methionine and cysteine metabolism Nucleotide interconversion Starch and sucrose metabolism NAD metabolism Glyoxylate and dicarboxylate metabolism Transport, lysosomal Vitamin B2 metabolism Phosphatidylinositol phosphate metabolism Miscellaneous subSystem Nucleotide metabolism Transport, nuclear Fructose and mannose metabolism Valine, leucine, and isoleucine metabolism Citric acid cycle Glutathione metabolism Urea cycle Heme degradation Transport, golgi apparatus Transport, extracellular Exchange/demand reaction Transport, mitochondrial Glycerophospholipid metabolism Transport, endoplasmic reticular Transport, peroxisomal Sphingolipid metabolism Bile acid synthesis Peptide metabolism Folate metabolism Sink Pyruvate metabolism Pyrimidine synthesis Pentose phosphate pathway Glycosphingolipid metabolism Eicosanoid metabolism CoA synthesis Aminosugar metabolism 0.00 0.25 0.50 0.75 1.00 hypergeometric significance (fdr.adj.p.value)

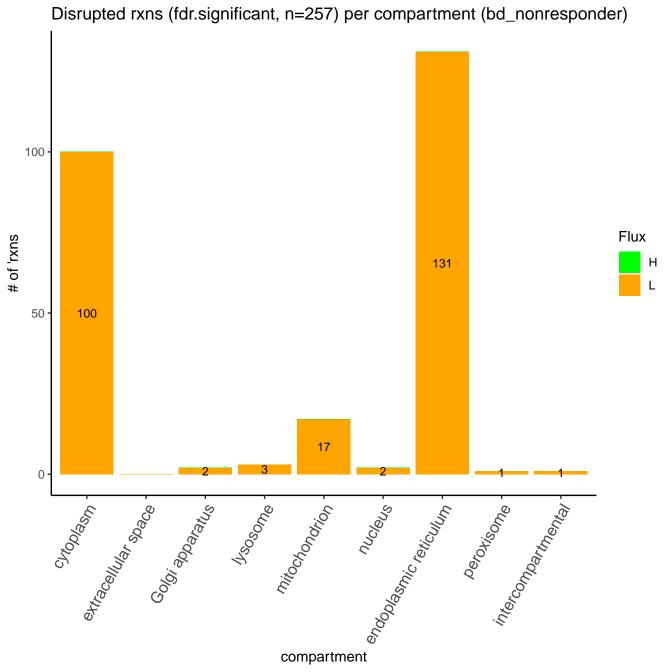


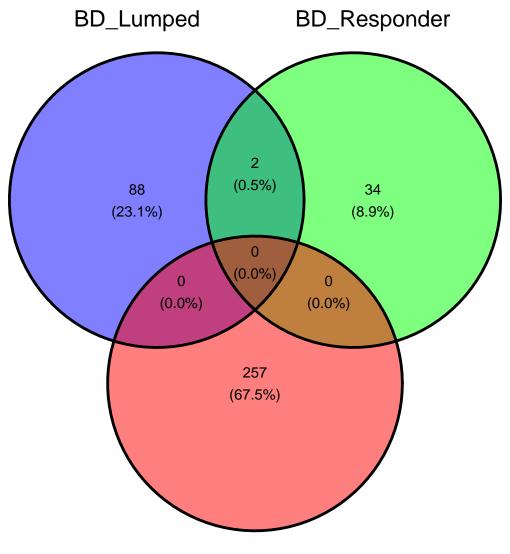




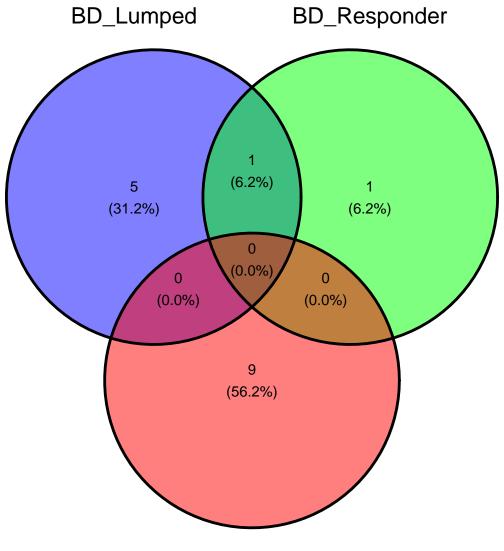








BD_NonResponder



BD_NonResponder