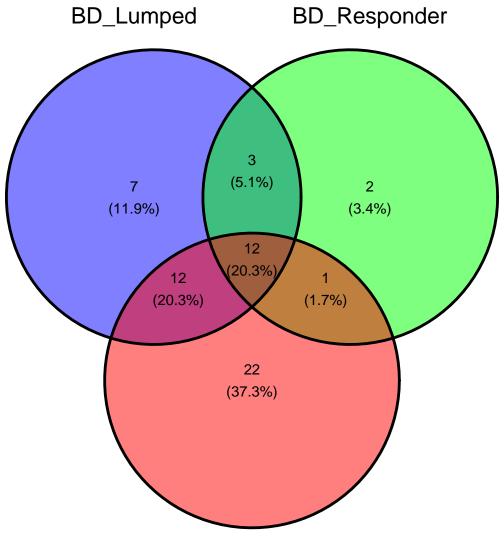


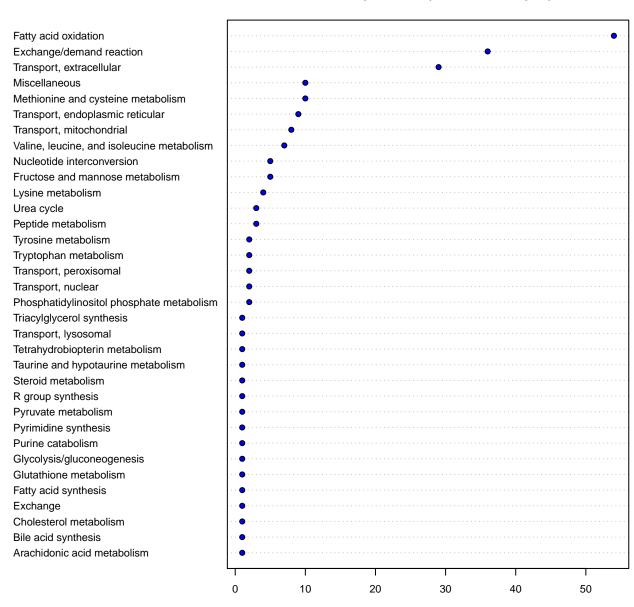
BD_NonResponder



BD_NonResponder

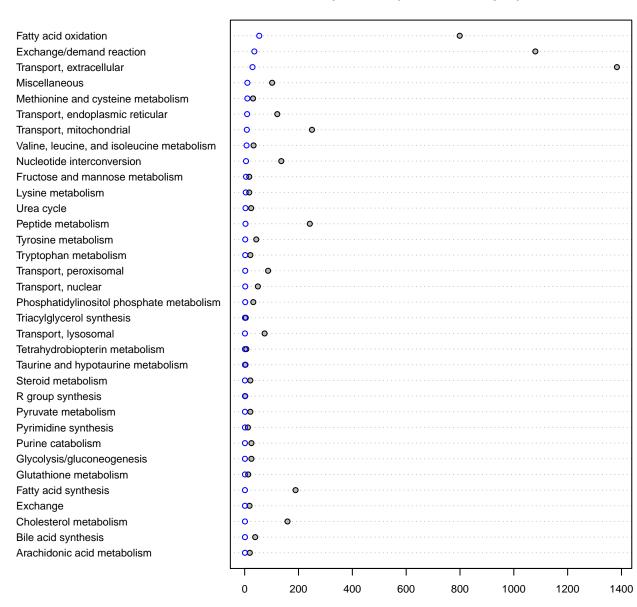
of disrupted rxns (n=209, bd_lumped)

of rxns



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

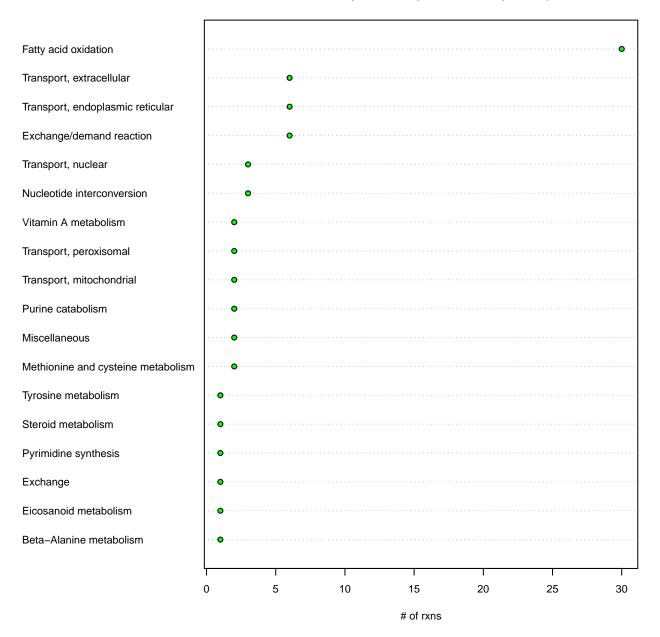
of rxns



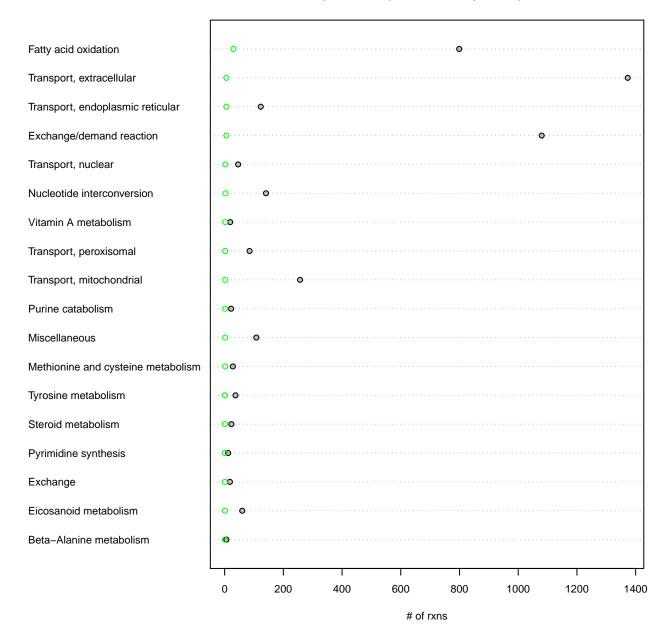
Methionine and cysteine metabolism Fatty acid oxidation Valine, leucine, and isoleucine metabolism Fructose and mannose metabolism Miscellaneous Lysine metabolism Transport, endoplasmic reticular · Urea cycle · R group synthesis Taurine and hypotaurine metabolism Triacylglycerol synthesis Tryptophan 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)

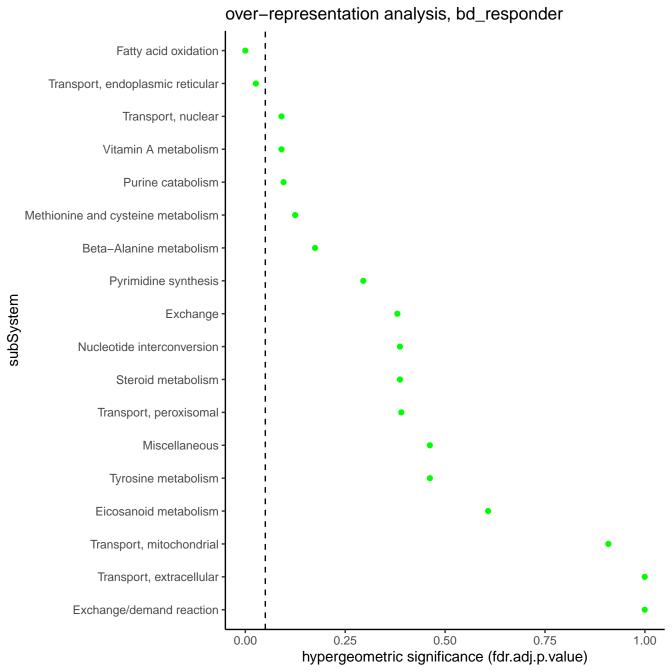
over-representation analysis, bd_lumped

of disrupted rxns (n=72, bd_responder)

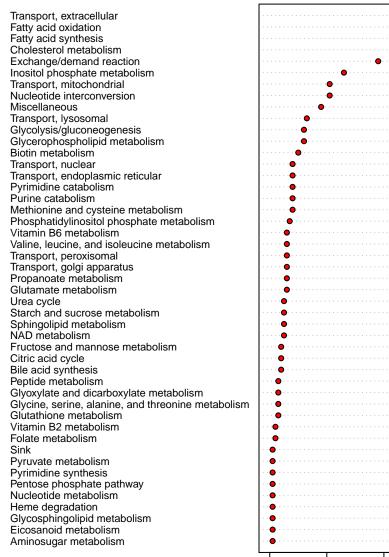


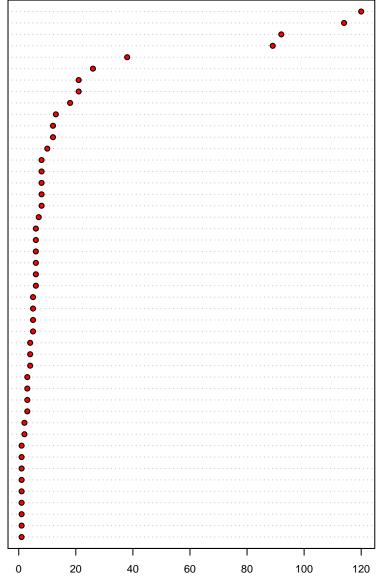
of disrupted rxns (n=72, bd_responder) vs all rxns





of disrupted rxns (n=726, bd_nonresponder)

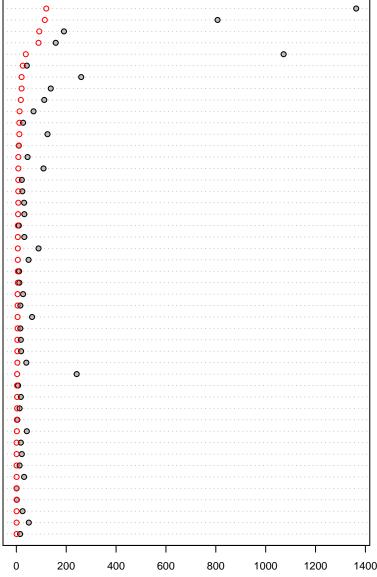




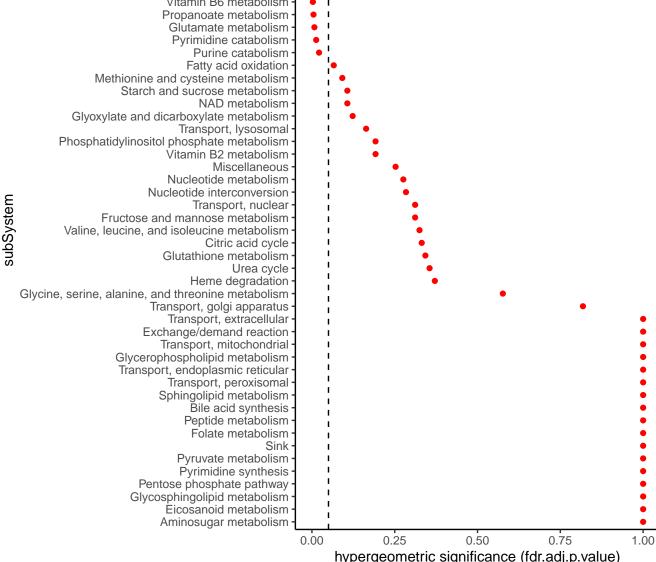
of rxns

of disrupted rxns (n=726, bd_nonresponder) vs all rxns

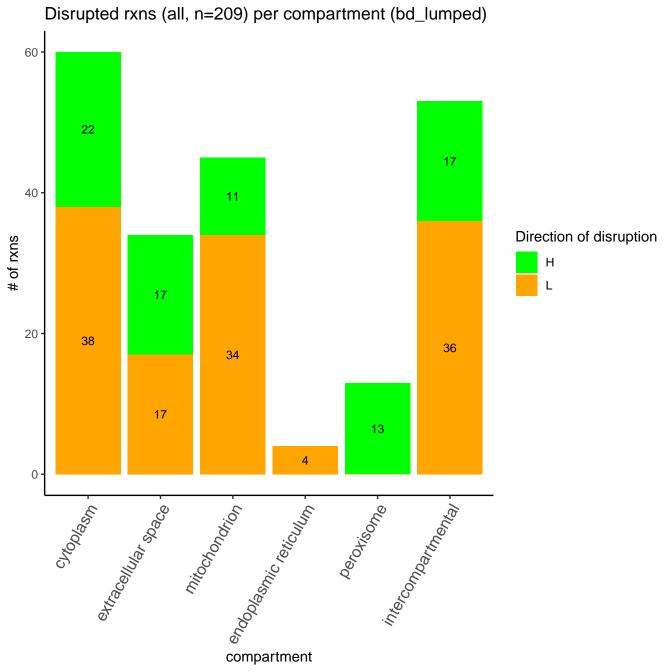


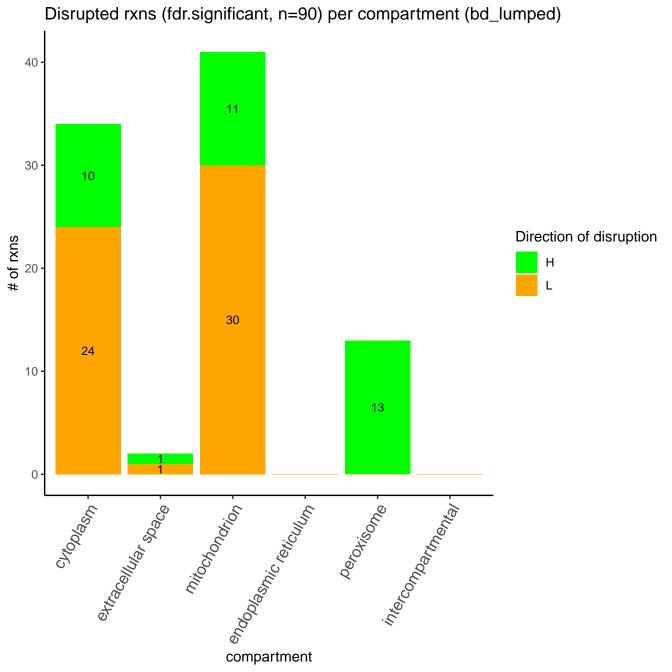


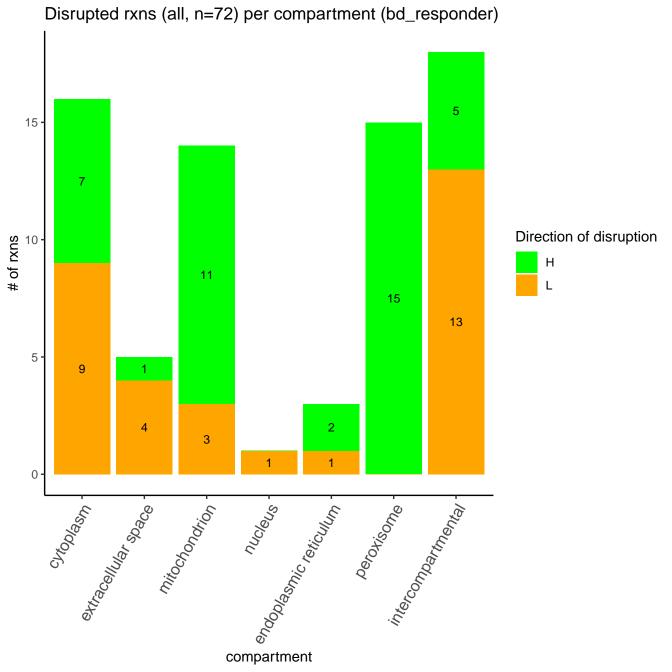
over-representation analysis, bd_nonresponder Cholesterol metabolism -Fatty acid synthesis Inositol phosphate metabolism Biotin metabolism Glycolysis/gluconeogenesis Vitamin B6 metabolism Propanoate metabolism Glutamate metabolism Pyrimidine catabolism Purine catabolism Fatty acid oxidation Methionine and cysteine metabolism Starch and sucrose metabolism NAD metabolism

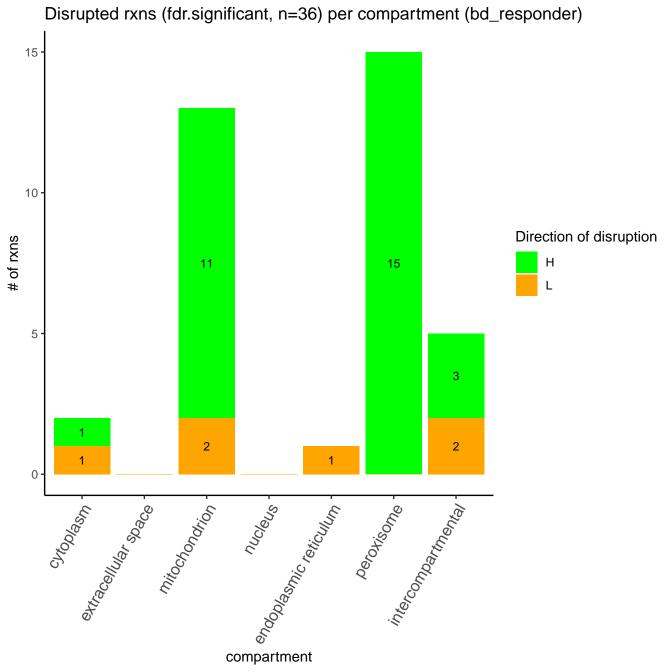


hypergeometric significance (fdr.adj.p.value)

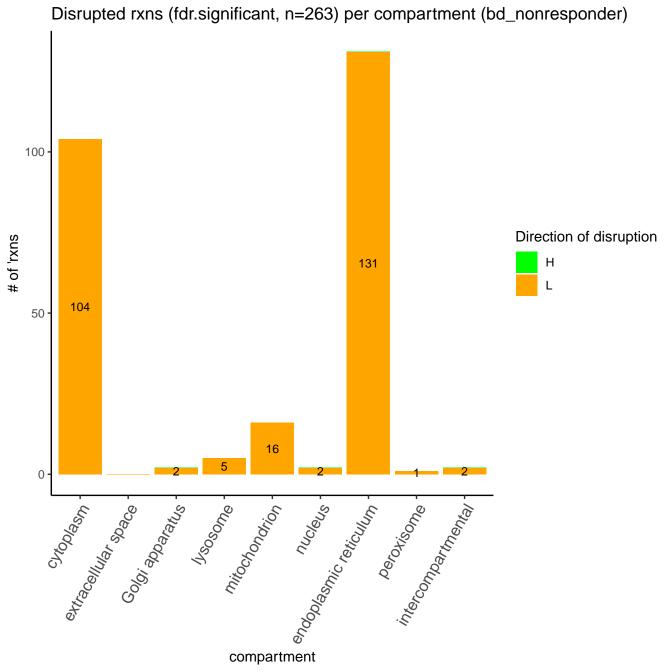


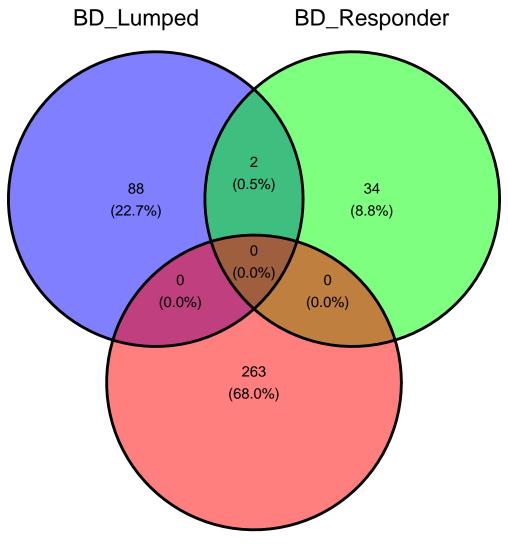




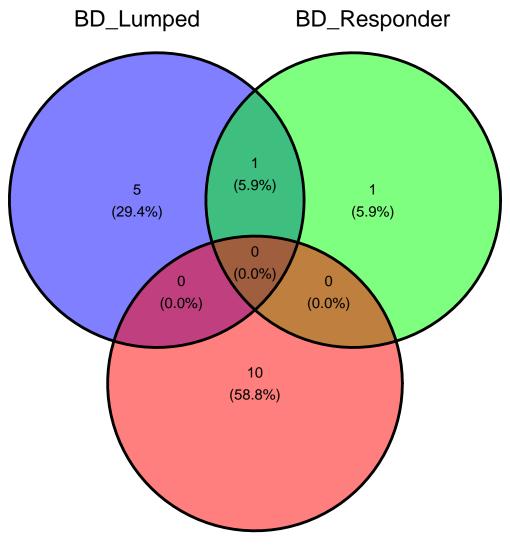


Disrupted rxns (all, n=726) per compartment (bd_nonresponder) 250 -Direction of disruption # of rxns Н Shops of the state compartment





BD_NonResponder



BD_NonResponder