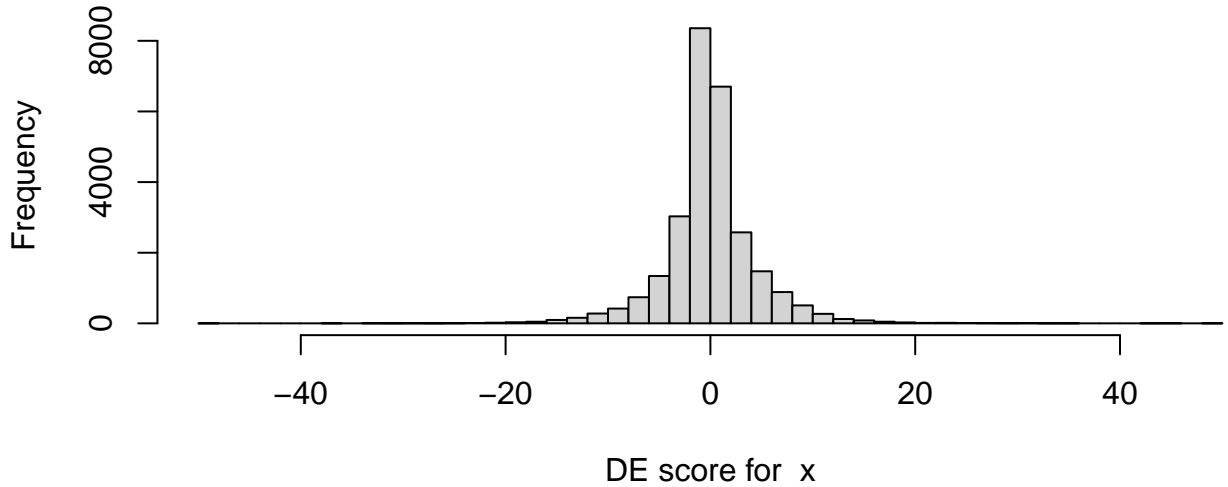
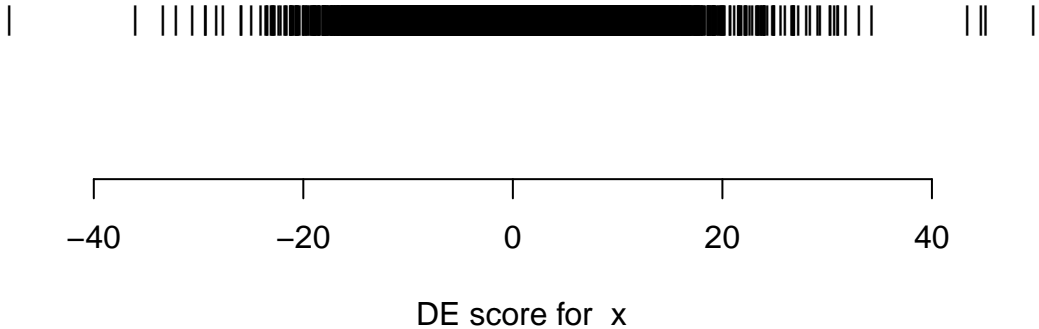


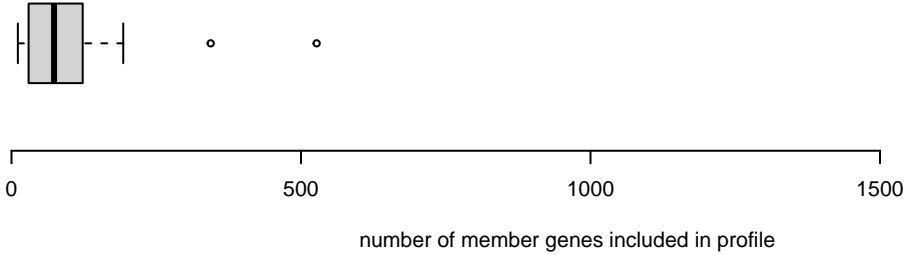
# Distribution of DE scores



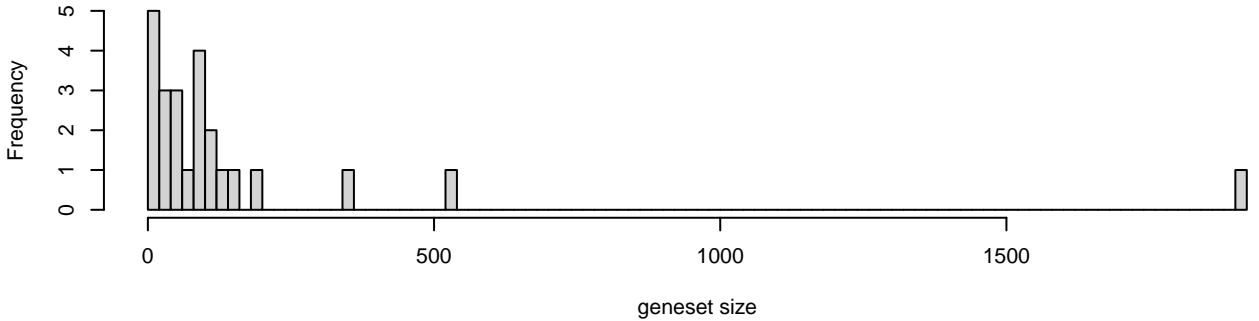
27278 genes in total, 12750 trending up-regulated, 14528 trending down-regulated



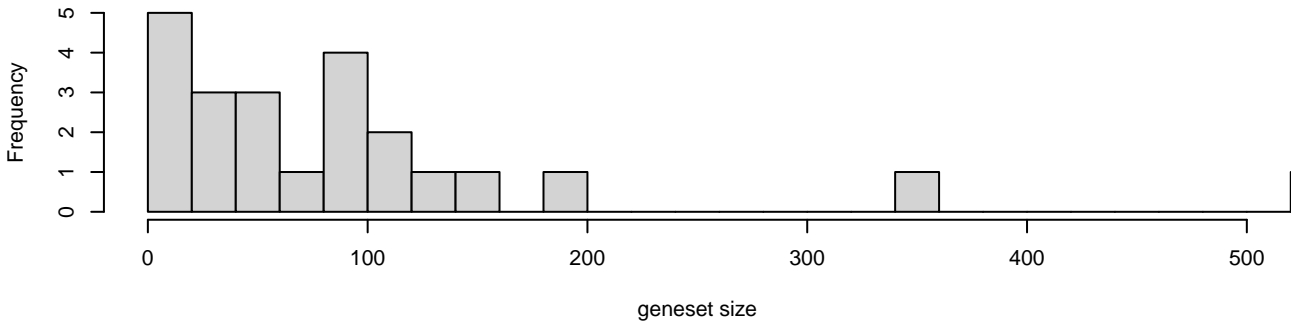
### Gene set size



### Histogram of geneset size

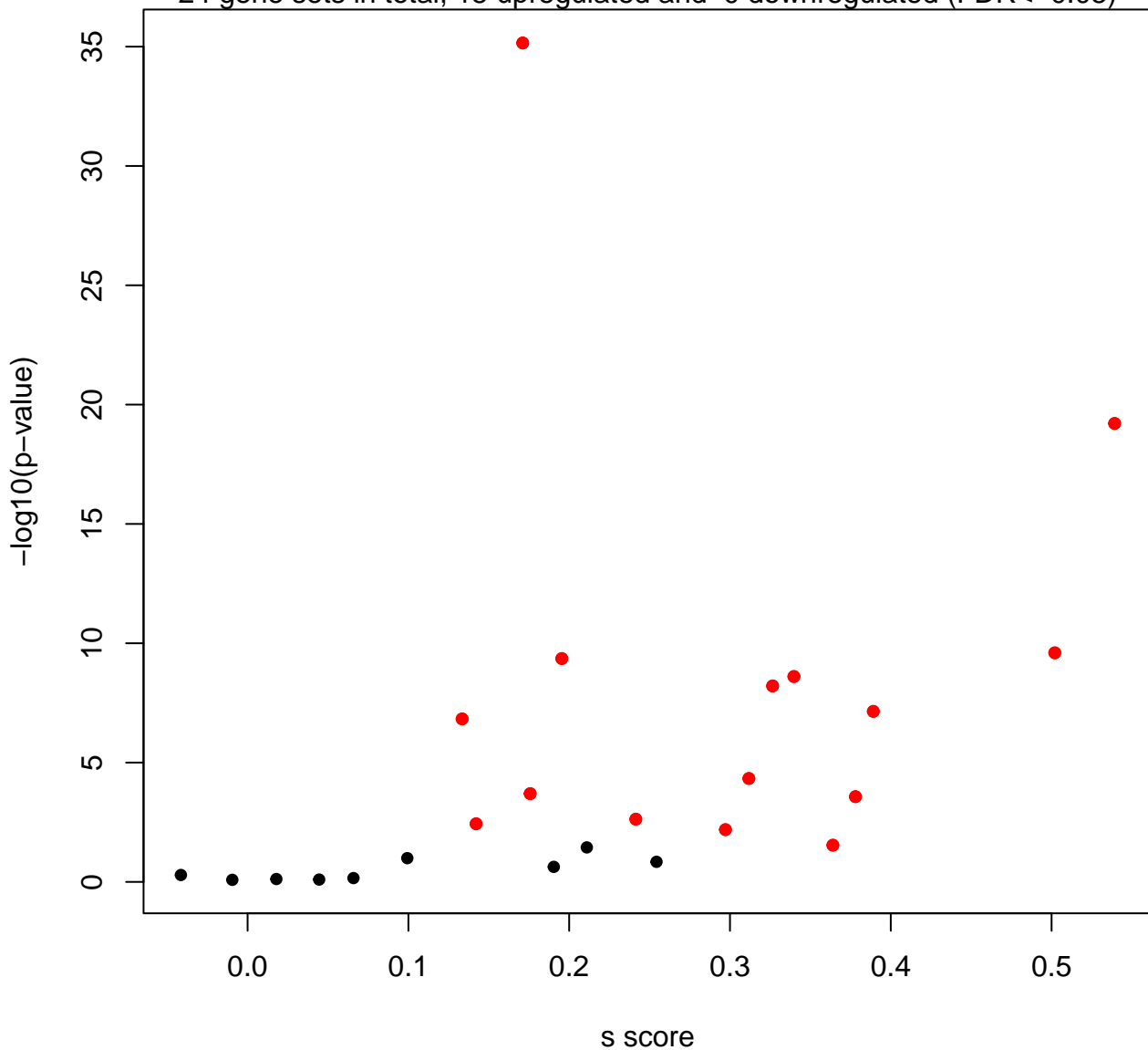


### Trimmed histogram of geneset size



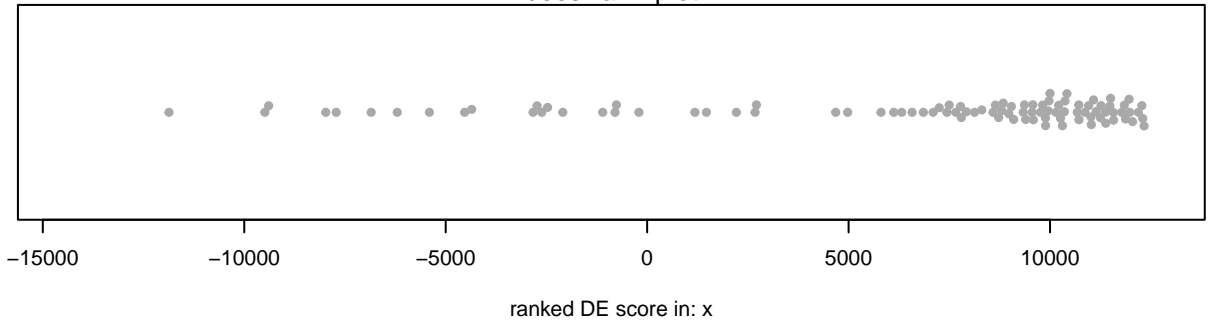
# volcano plot of gene set enrichments

24 gene sets in total, 15 upregulated and 0 downregulated (FDR<=0.05)

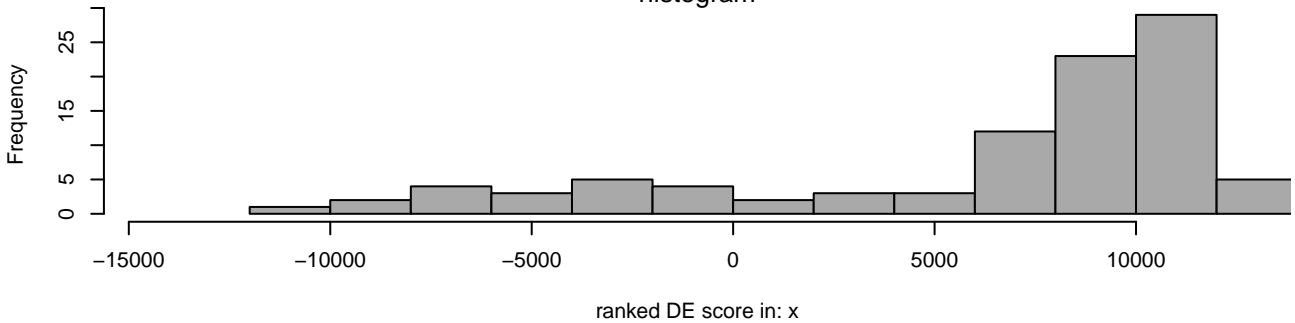


# Mitochondrial translation

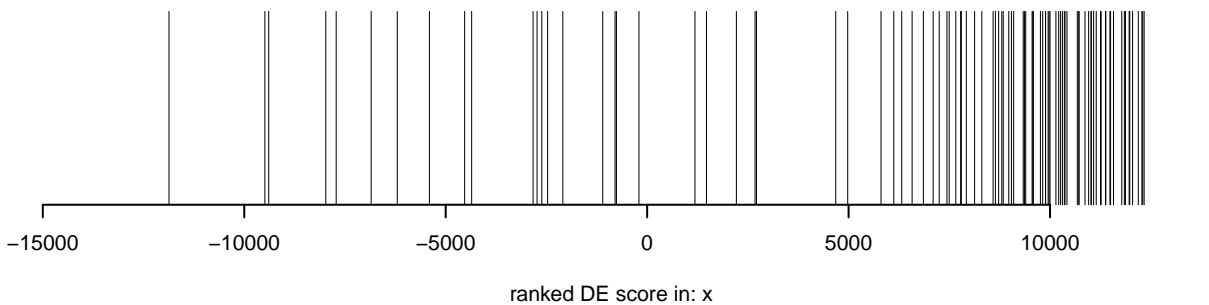
beeswarm plot



histogram

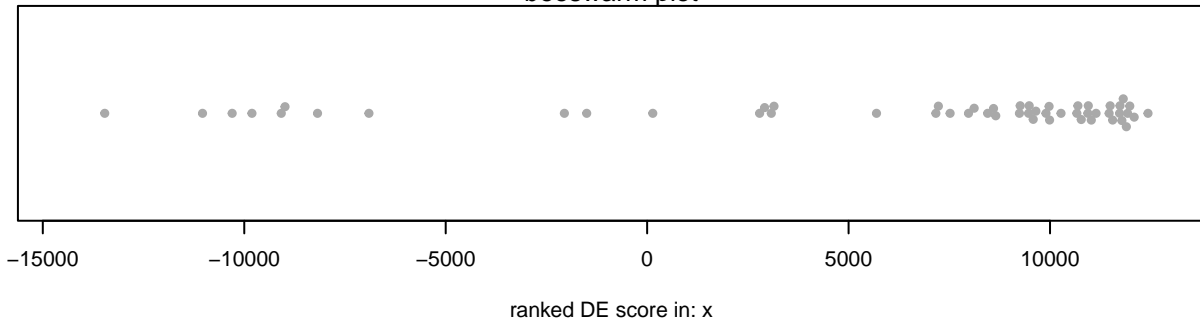


rugplot

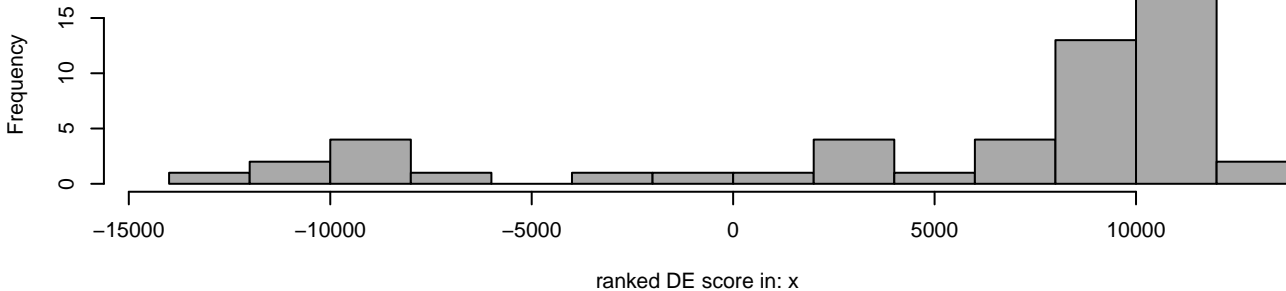


# Stabilization of p53

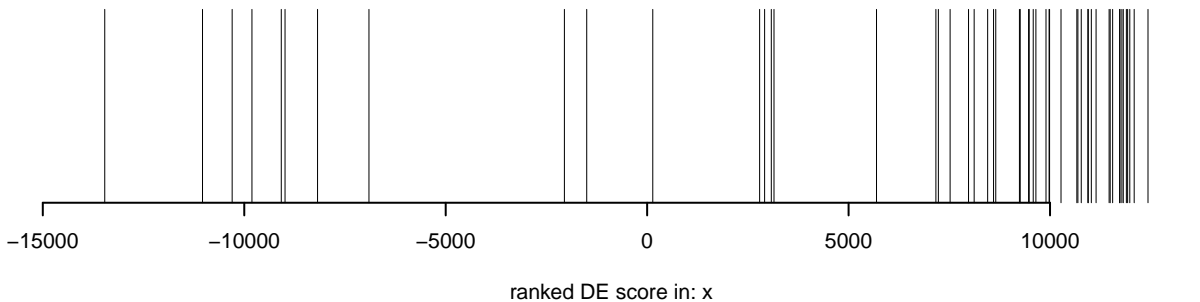
beeswarm plot



histogram

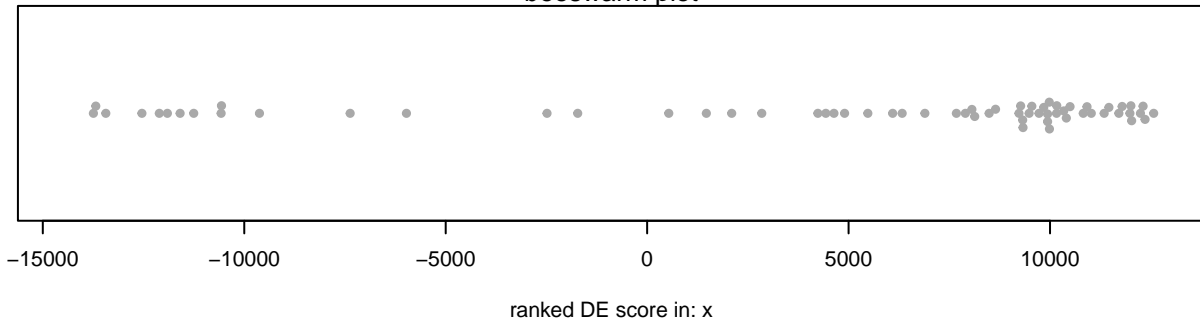


rugplot

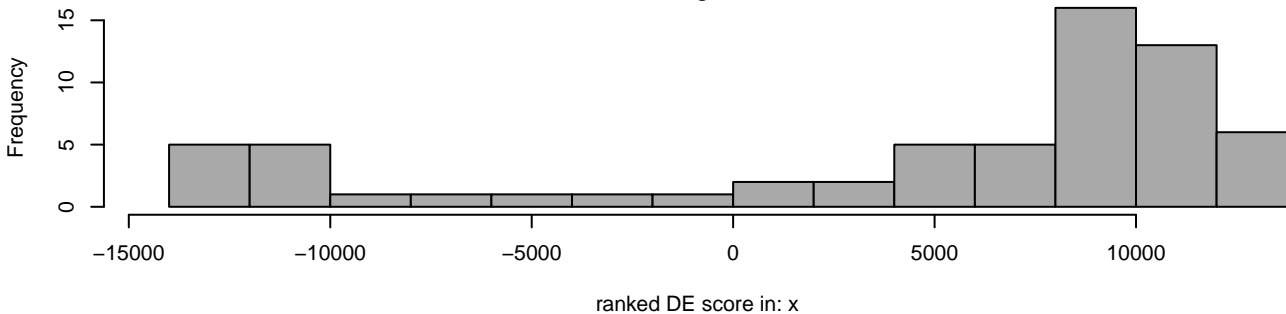


# Mitochondrial protein import

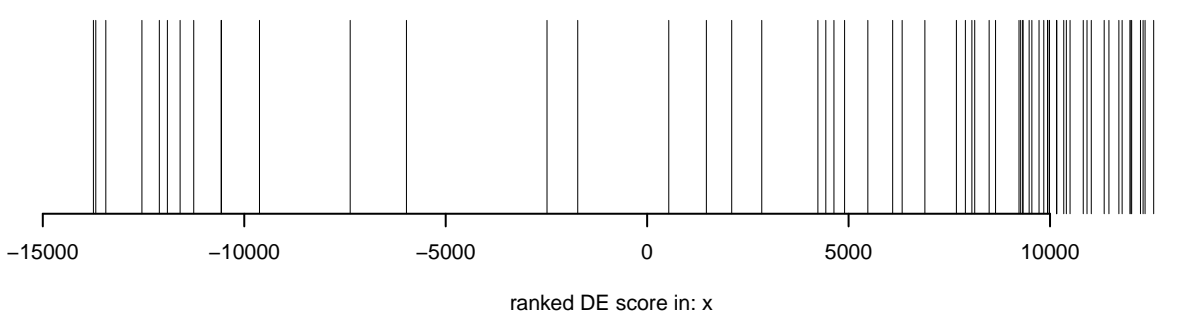
beeswarm plot



histogram



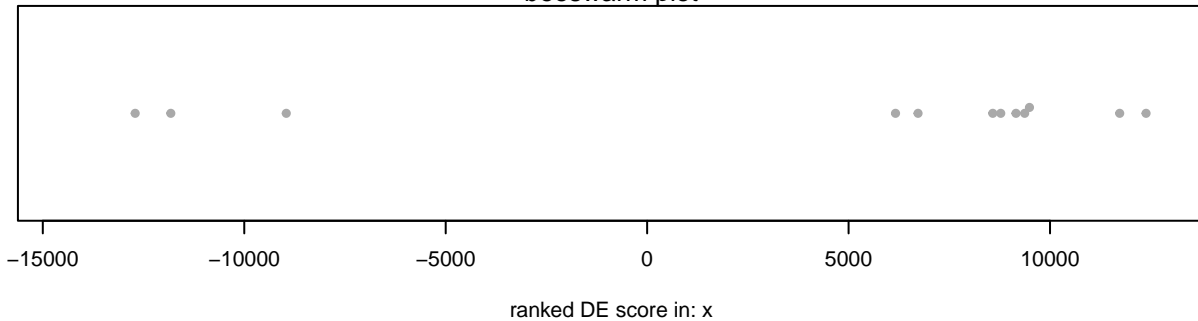
rugplot



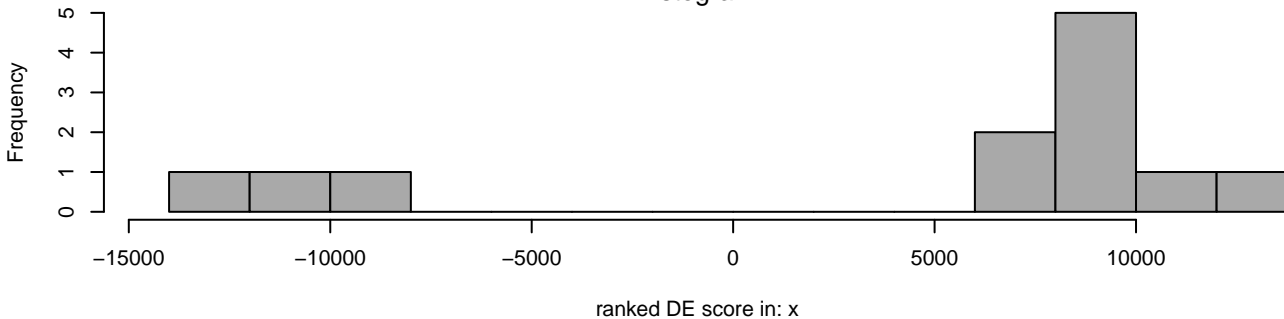


# Reduction of cytosolic Ca<sup>++</sup> levels

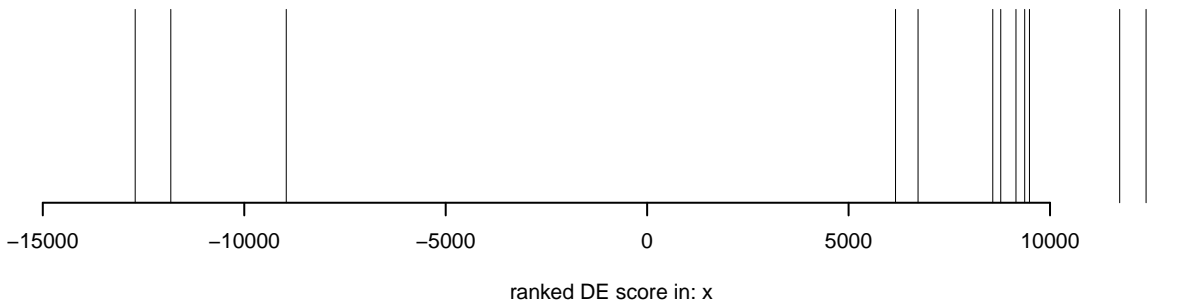
beeswarm plot



histogram



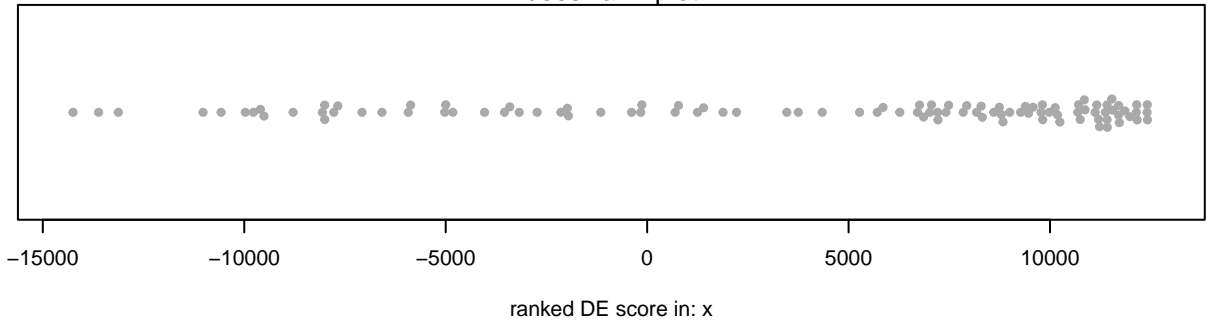
rugplot



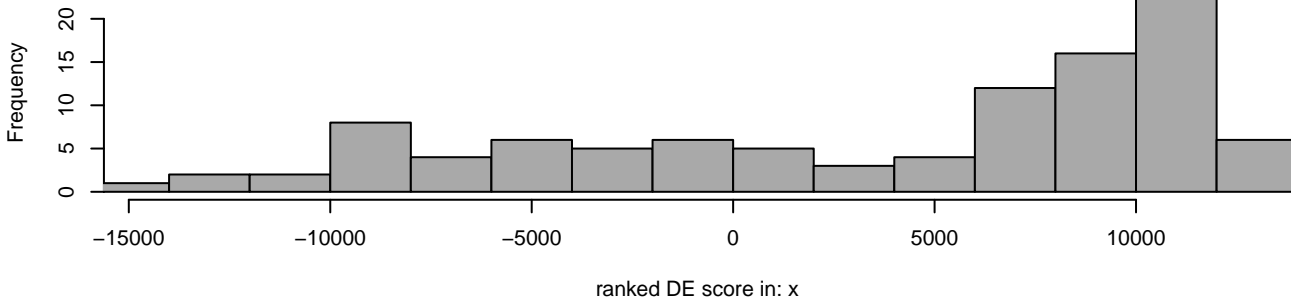


# Respiratory electron transport

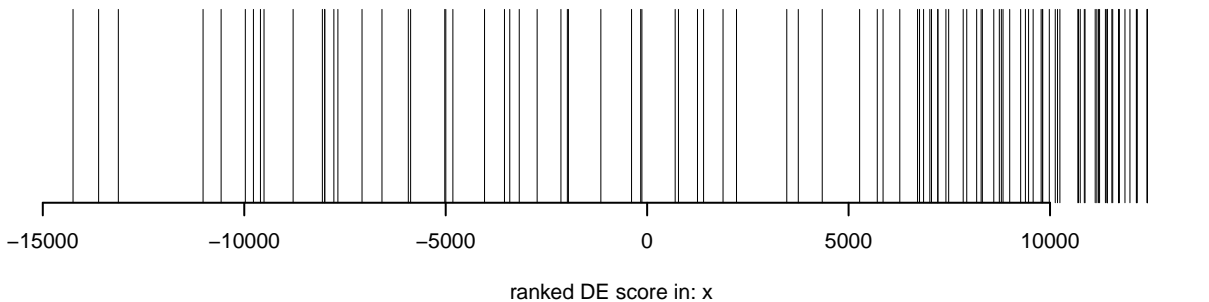
beeswarm plot



histogram

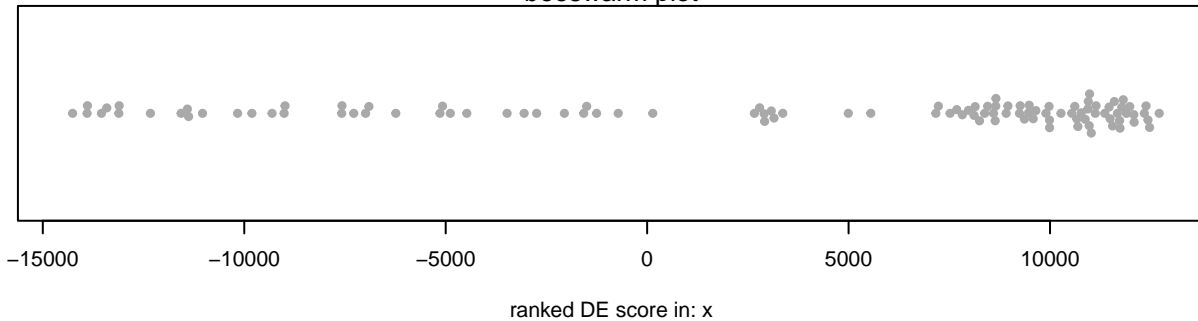


rugplot

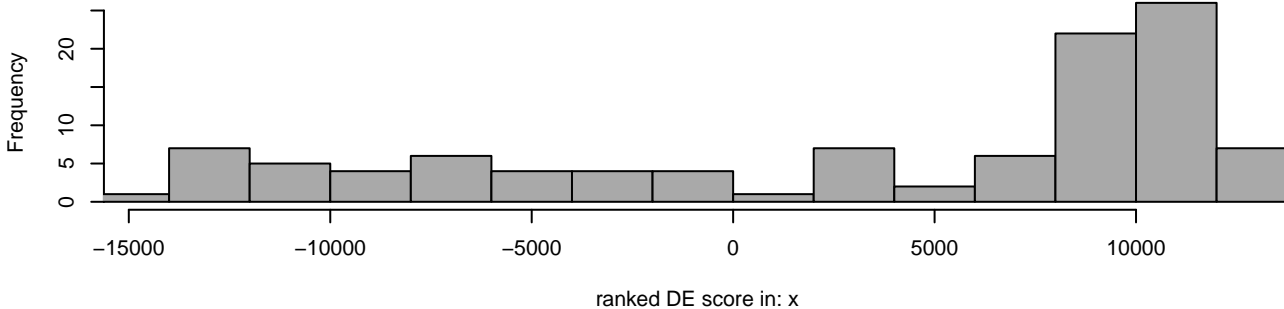


# Signaling by the B Cell Receptor (BCR)

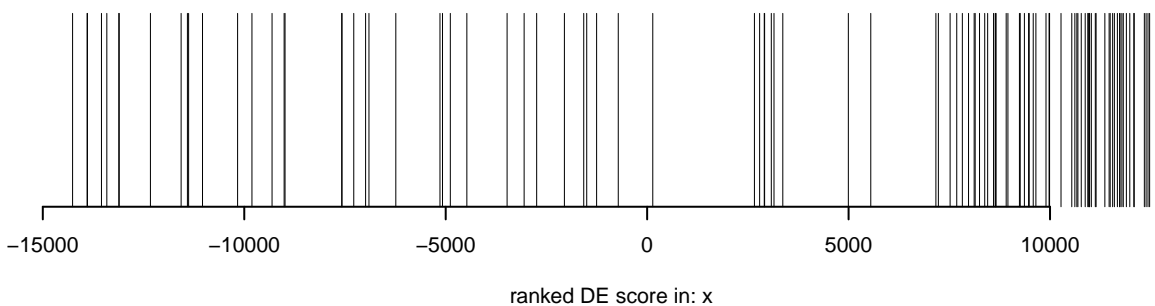
beeswarm plot



histogram

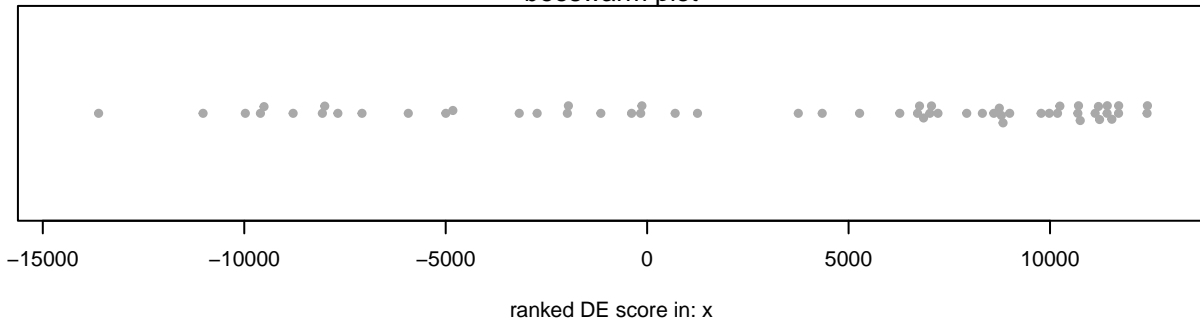


rugplot

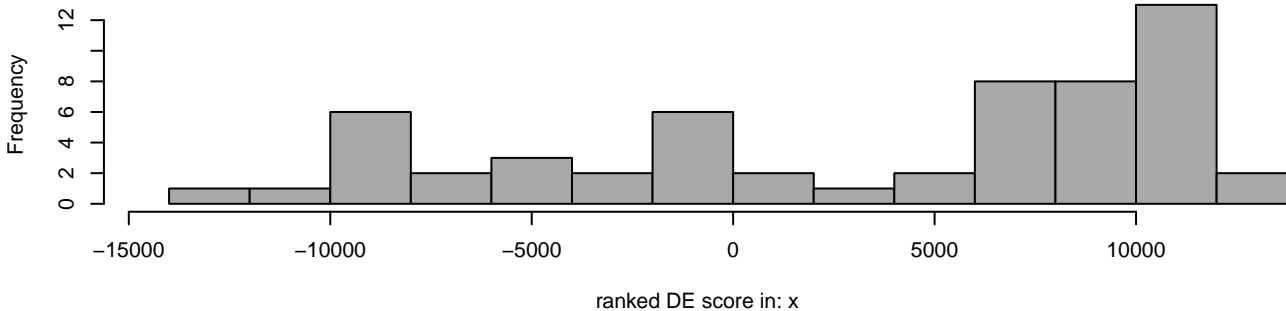


# Complex I biogenesis

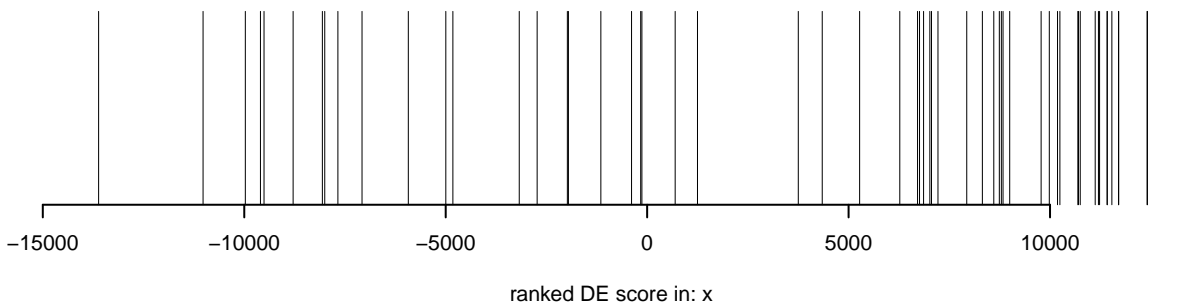
beeswarm plot



histogram

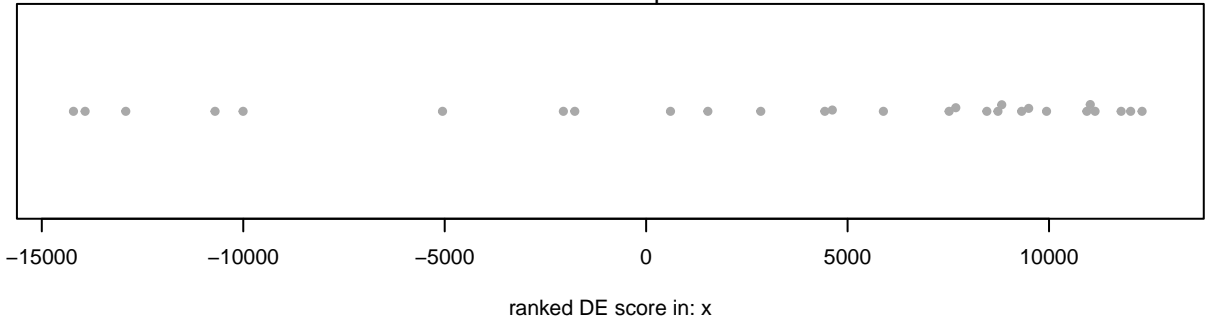


rugplot

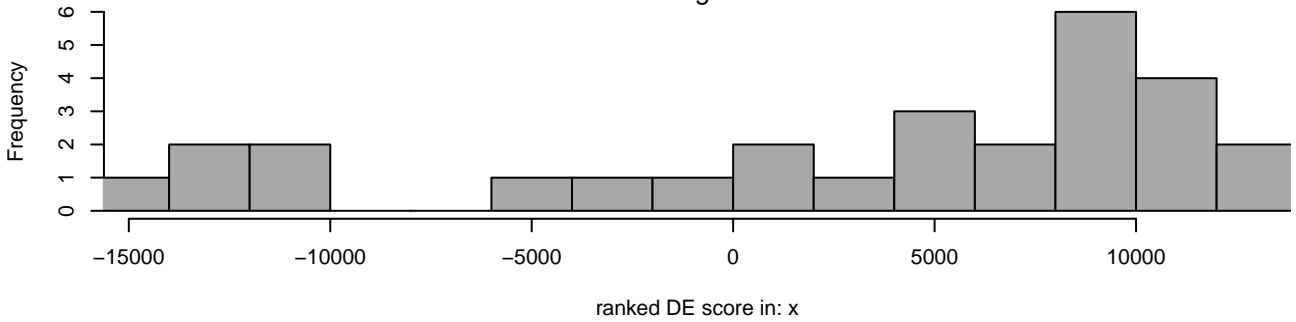


# Mitophagy

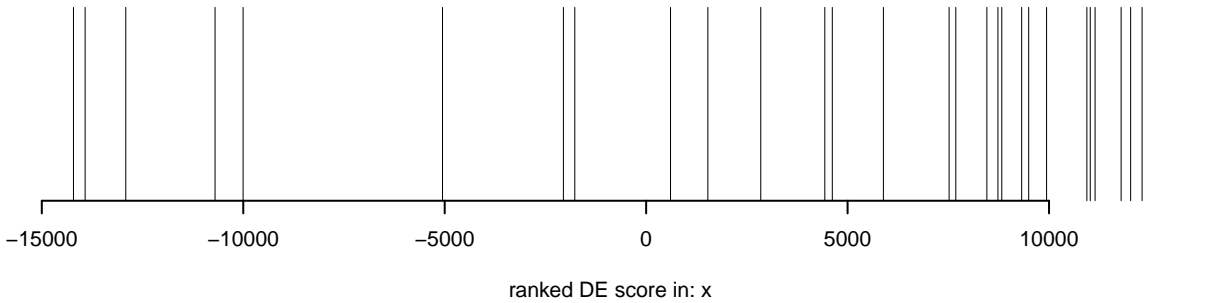
beeswarm plot



## histogram

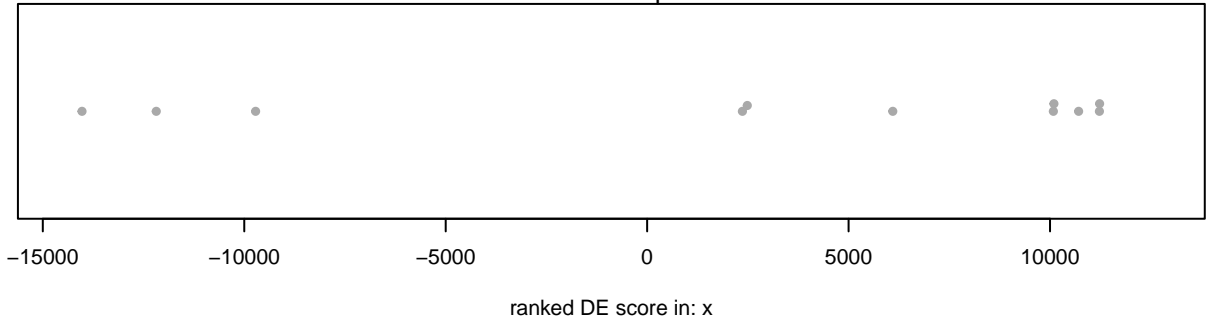


## rugplot

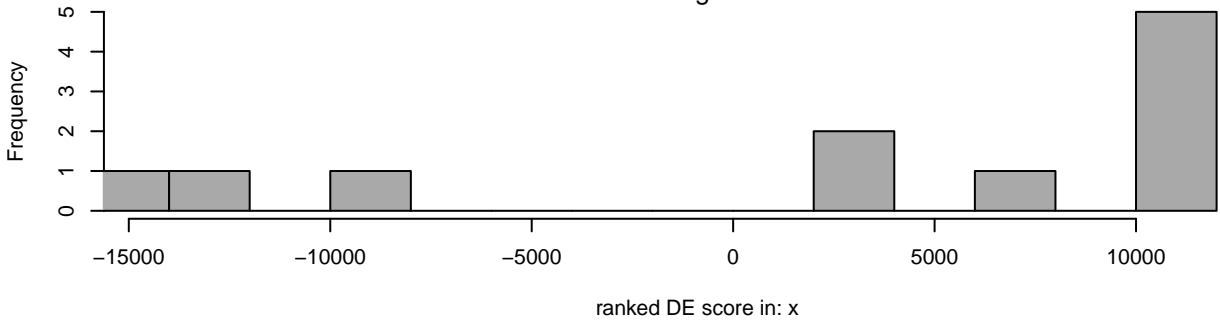


# Mucopolysaccharidoses

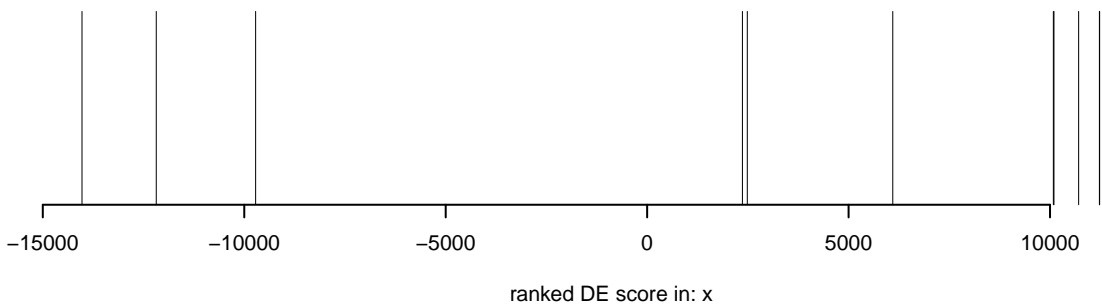
beeswarm plot



histogram

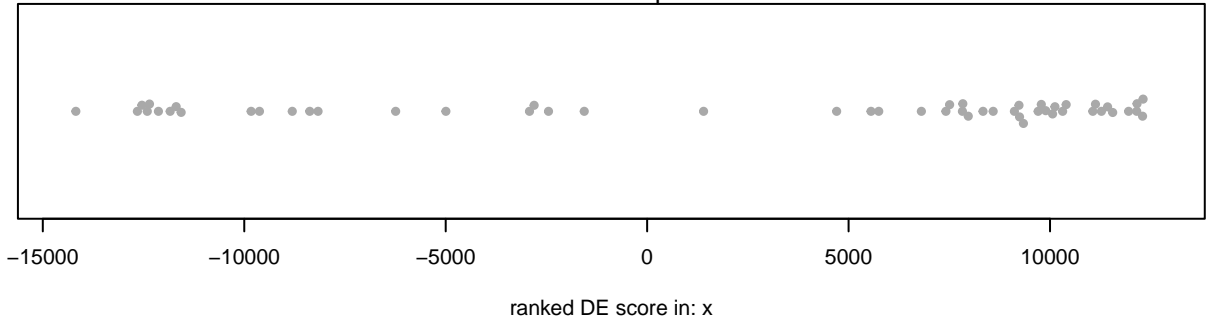


rugplot

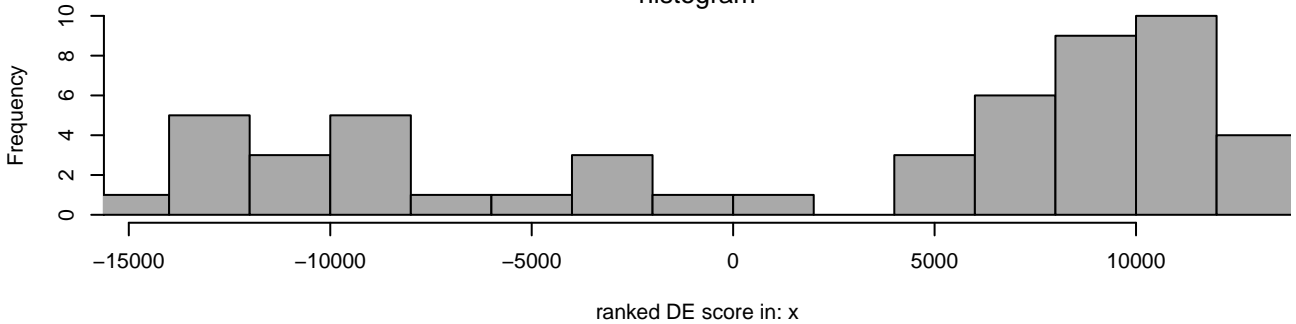


# Pyruvate metabolism and Citric Acid (TCA) cycle

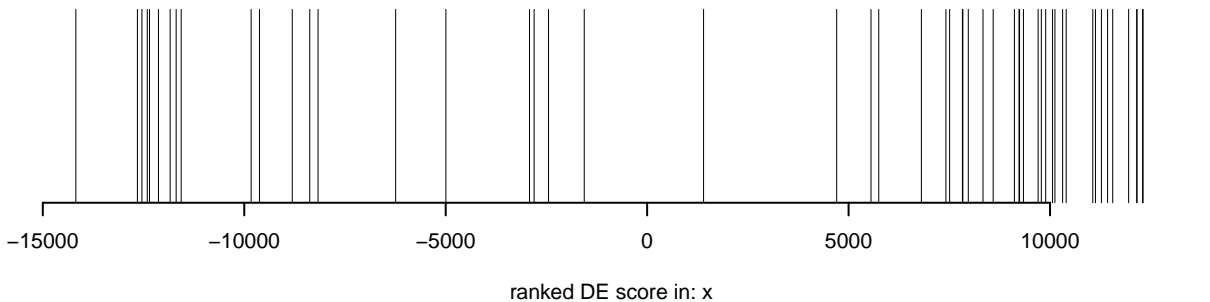
beeswarm plot



histogram

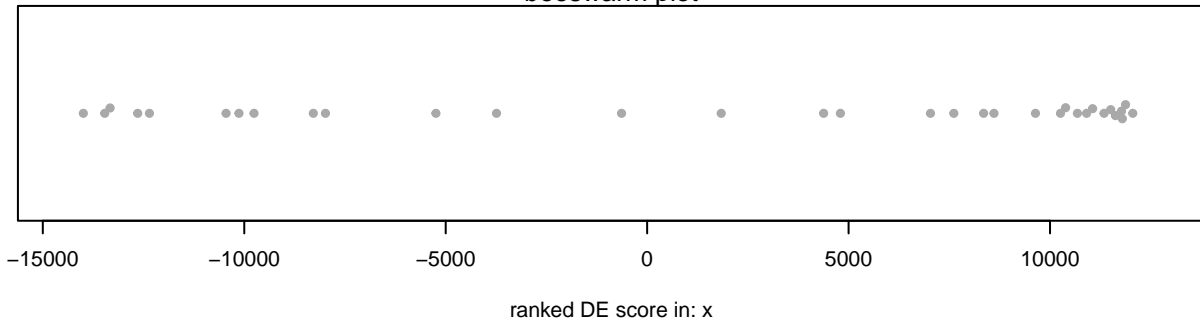


rugplot

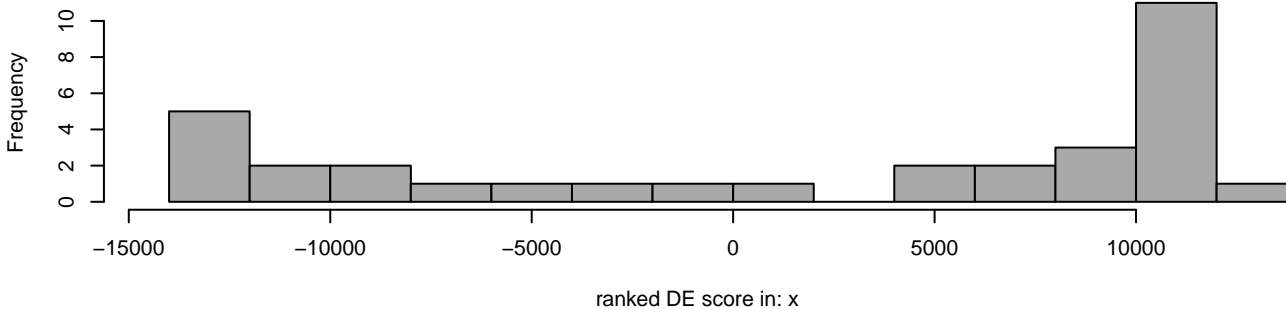


# Resolution of D-Loop Structures

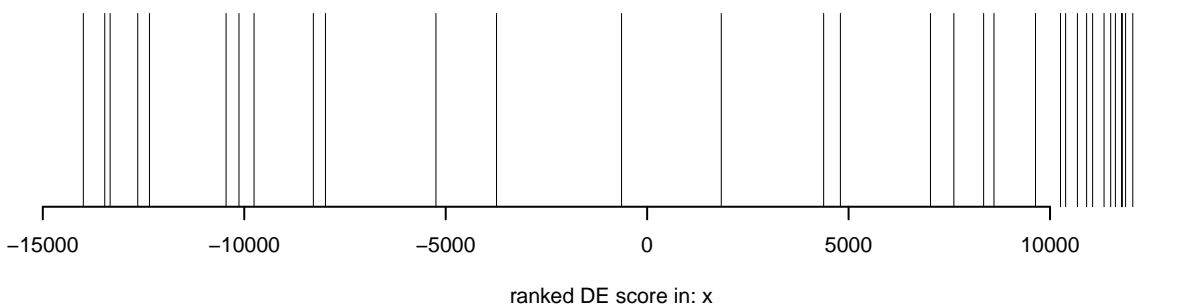
beeswarm plot



histogram

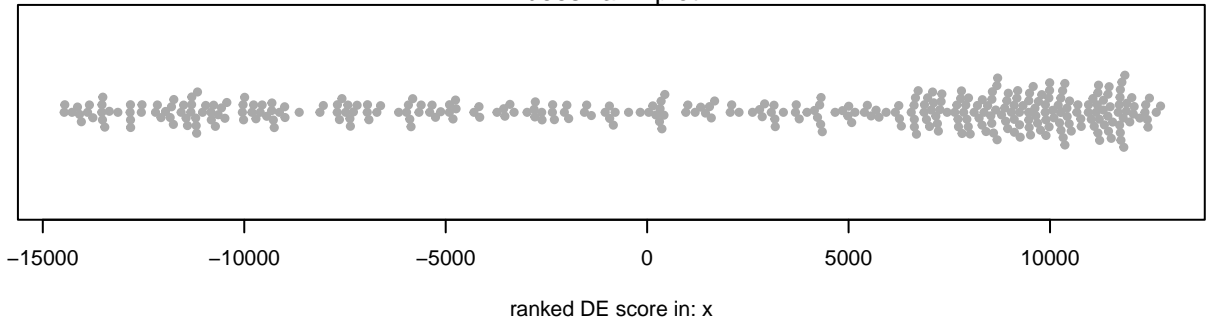


rugplot

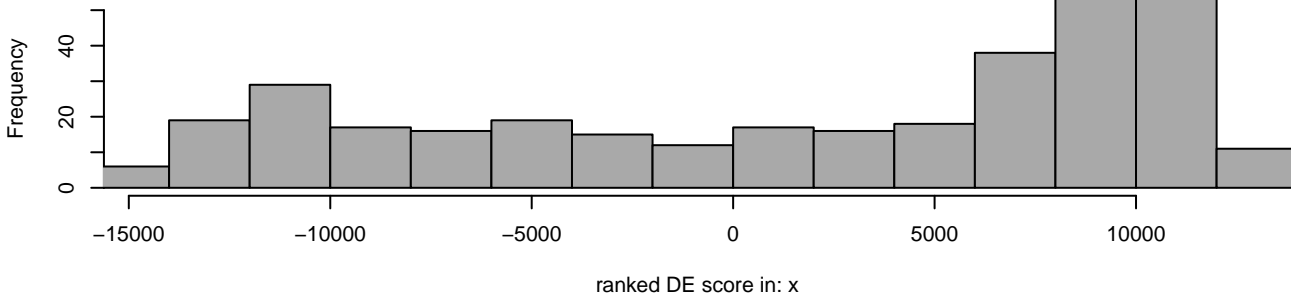


# Metabolism of amino acids and derivatives

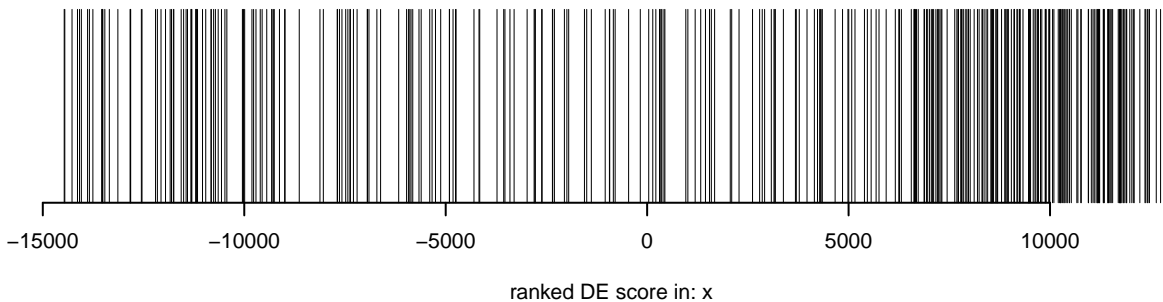
beeswarm plot



histogram



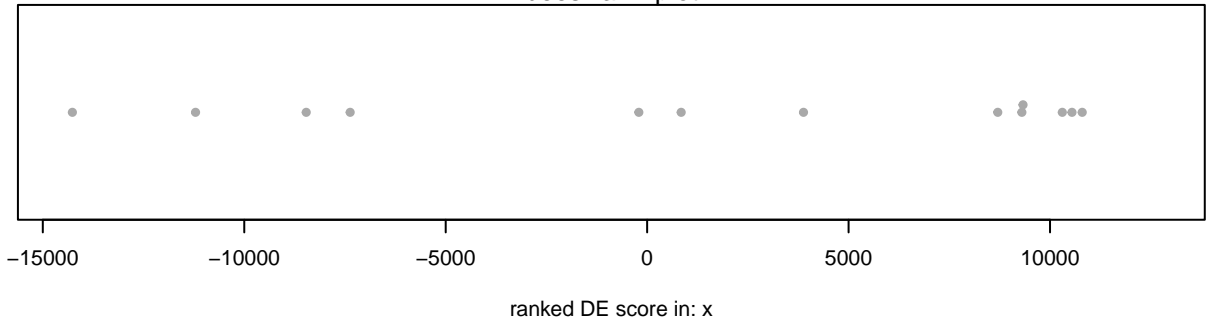
rugplot



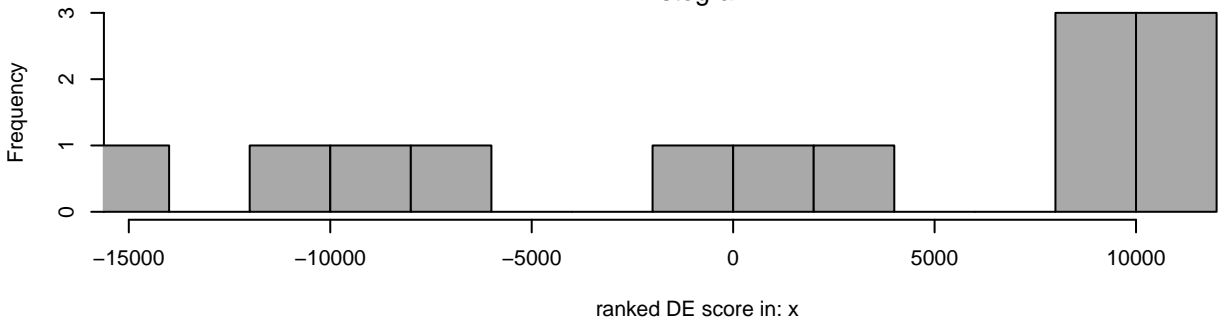


# Mitochondrial iron-sulfur cluster biogenesis

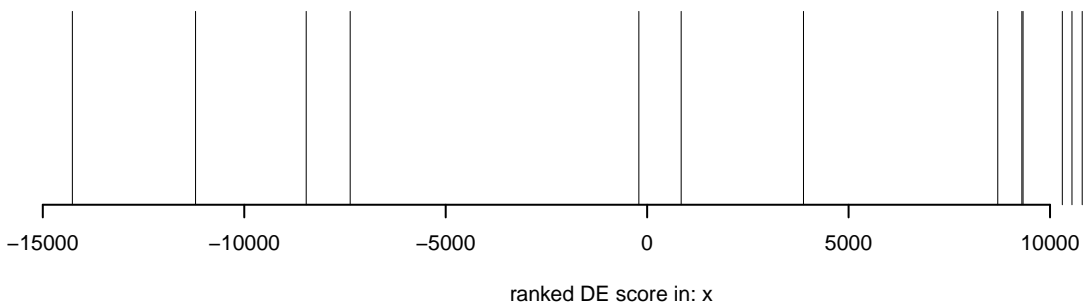
beeswarm plot



histogram

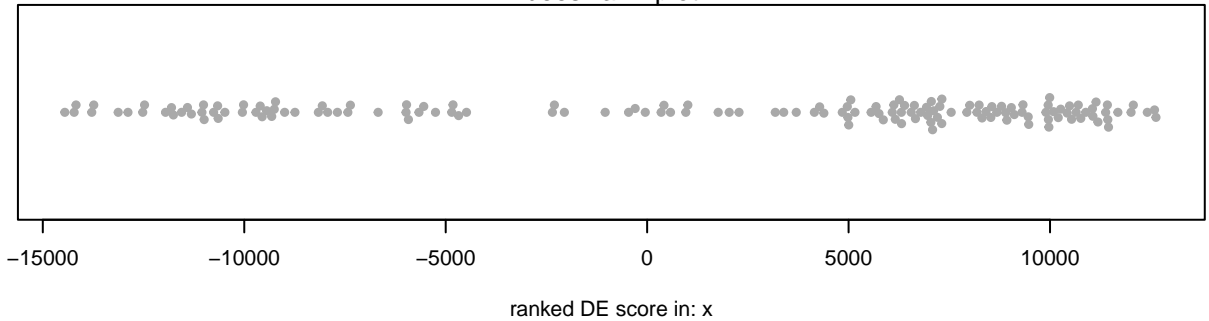


rugplot

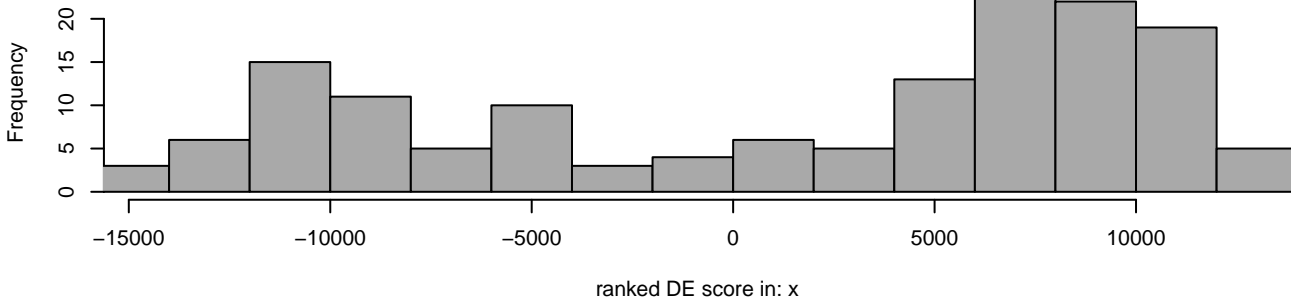


# Cellular response to starvation

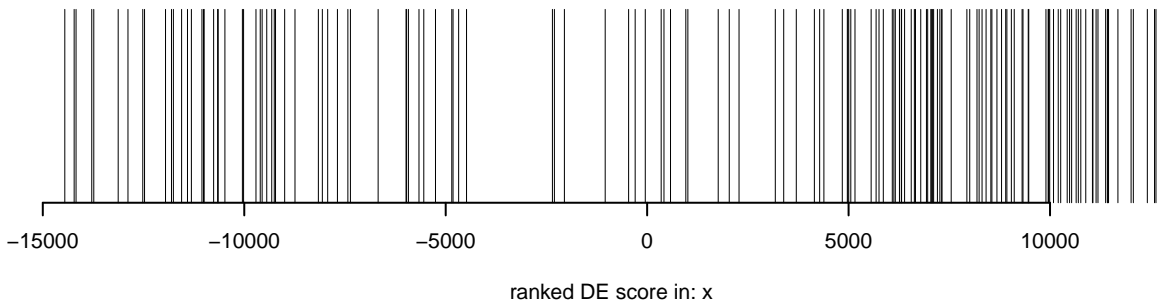
beeswarm plot



histogram

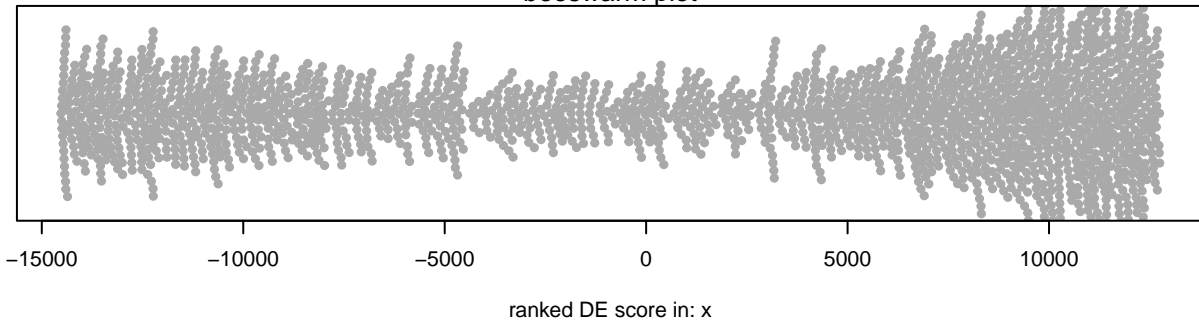


rugplot

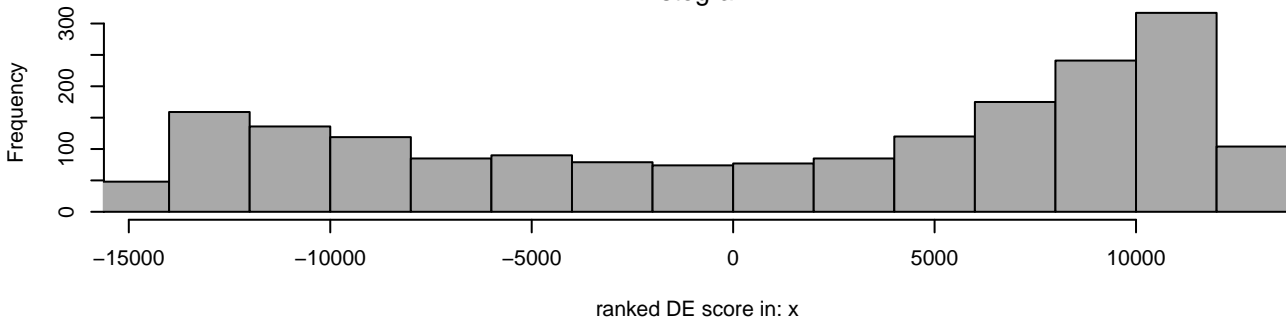


# Metabolism

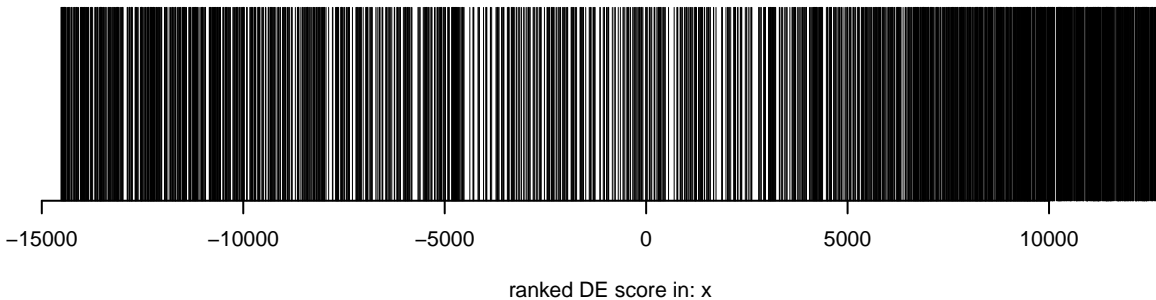
beeswarm plot



histogram

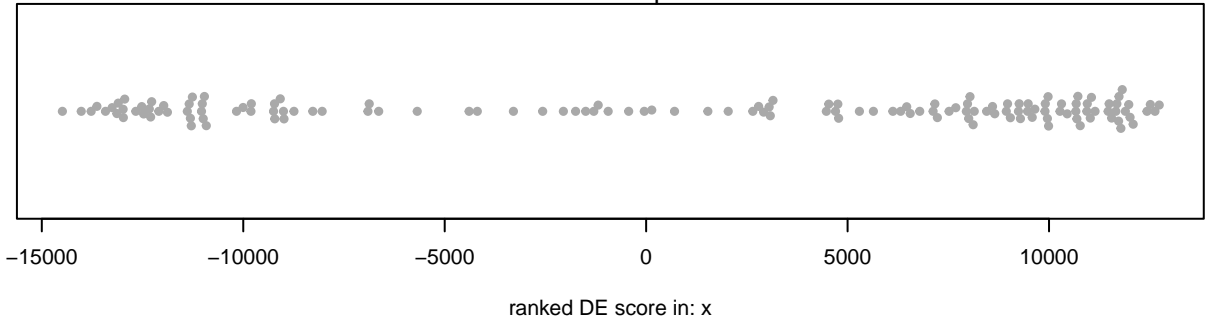


rugplot

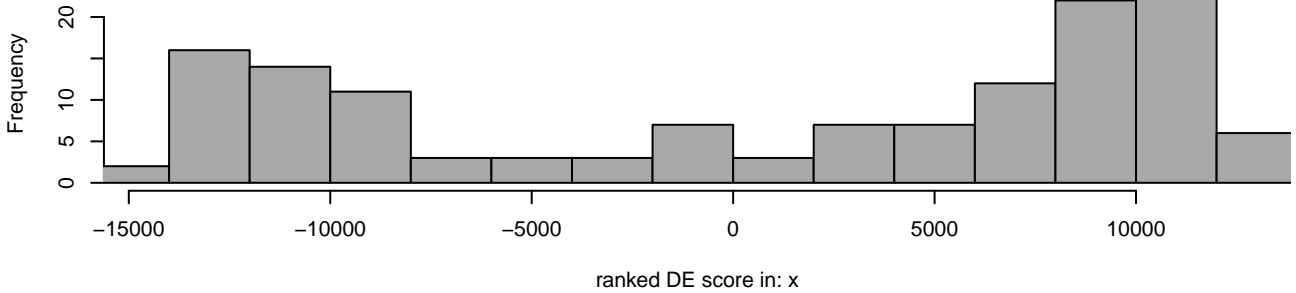


# PTEN Regulation

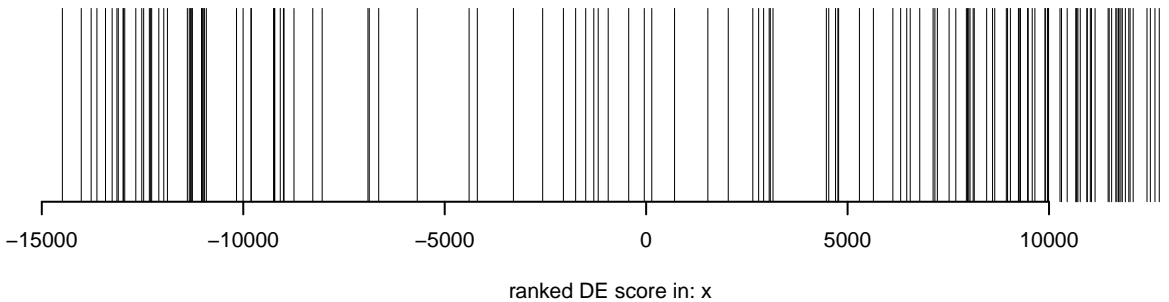
beeswarm plot



histogram

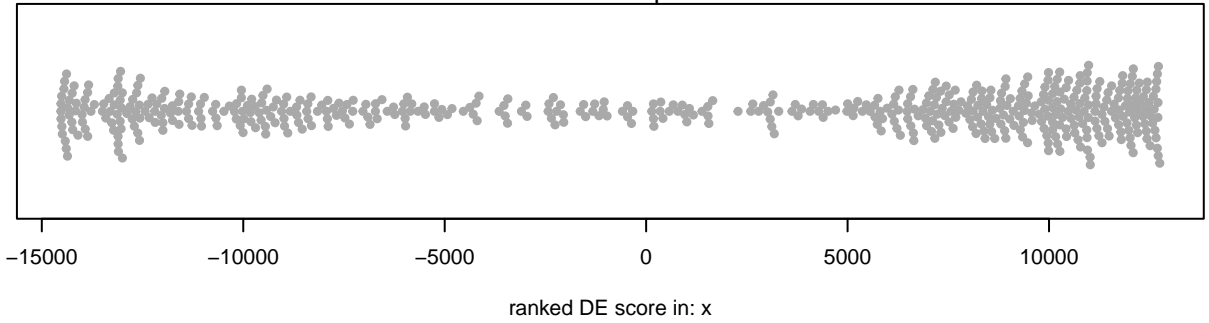


rugplot

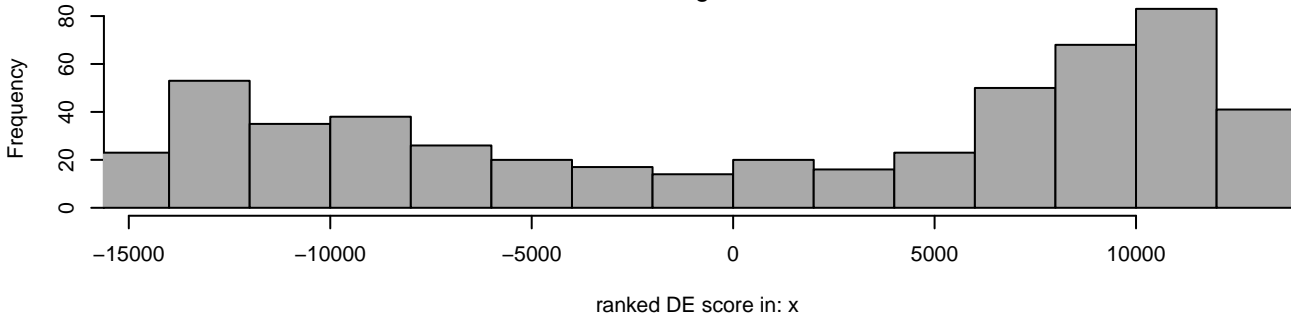


# Nervous system development

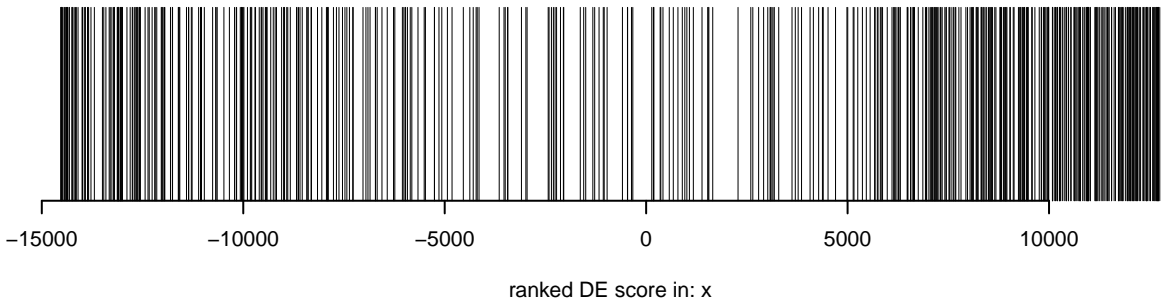
beeswarm plot



histogram

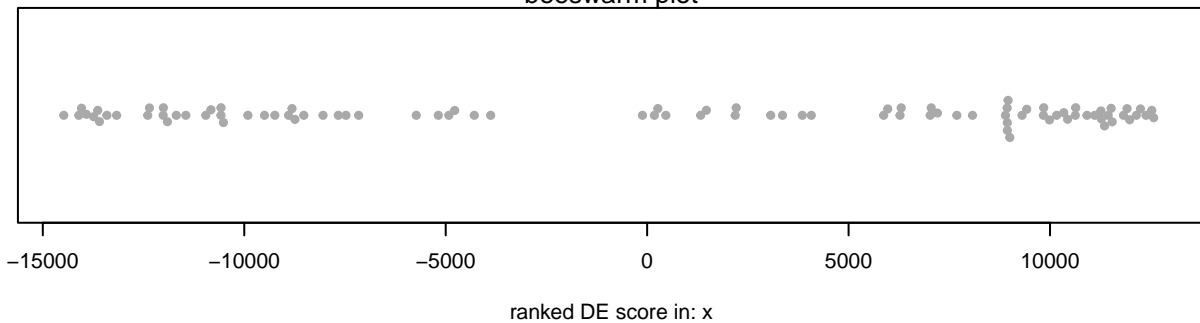


rugplot

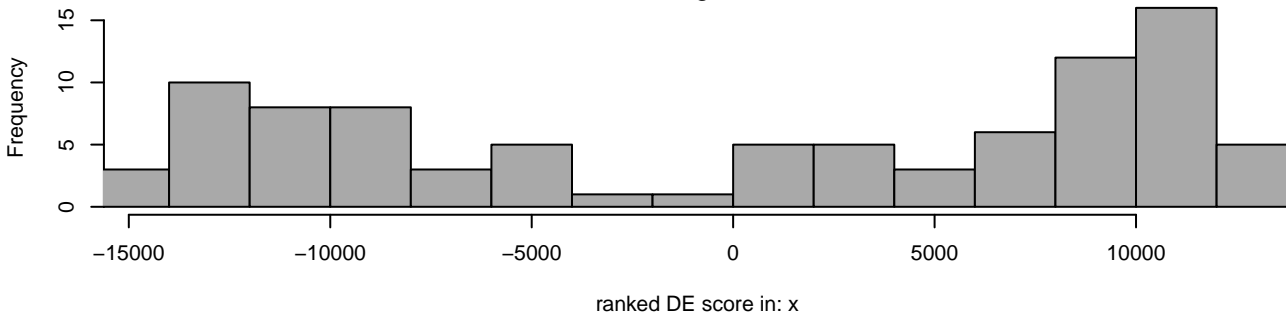


# Mitochondrial biogenesis

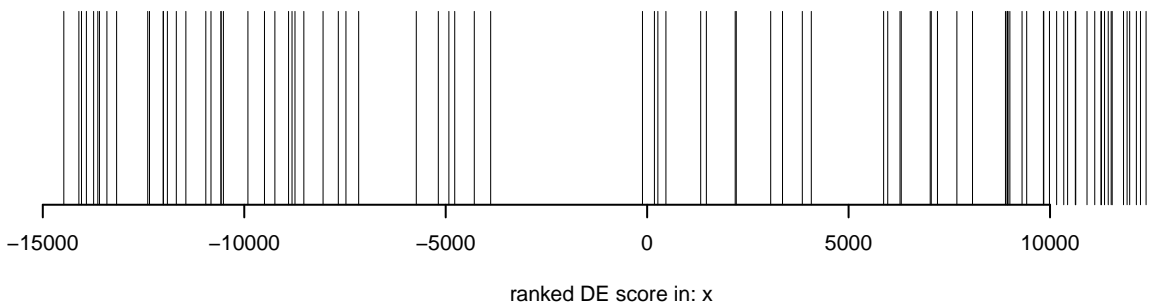
beeswarm plot



histogram

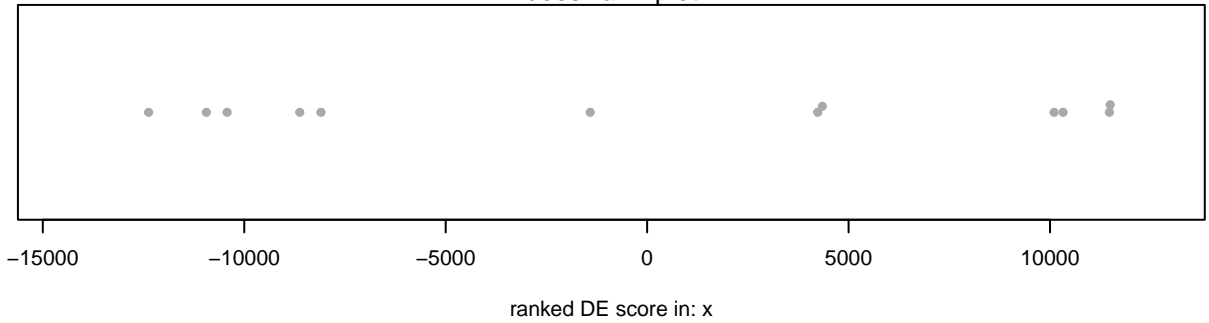


rugplot

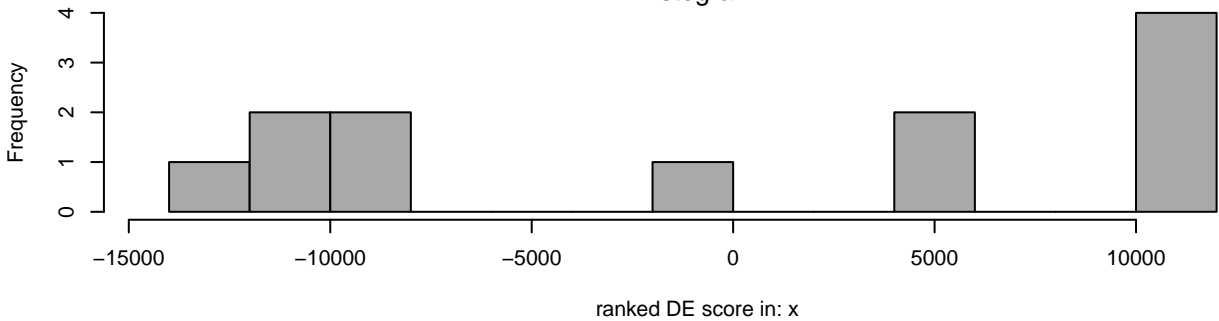


# Nucleotide biosynthesis

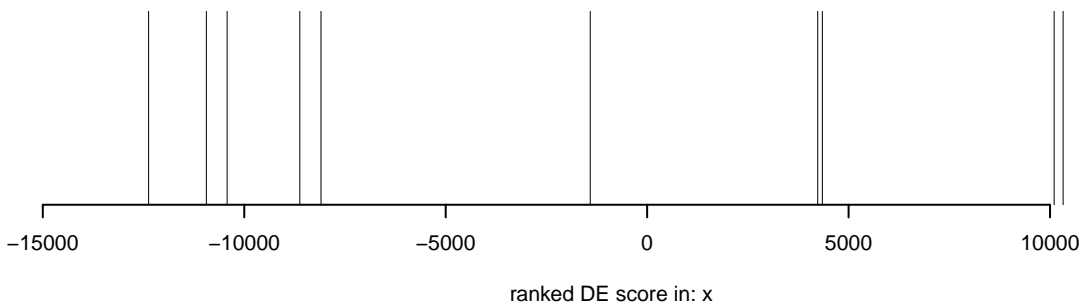
beeswarm plot



histogram

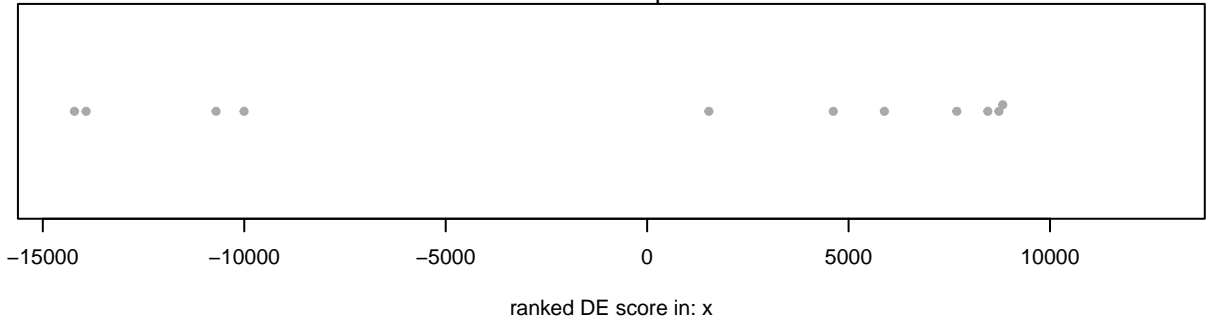


rugplot

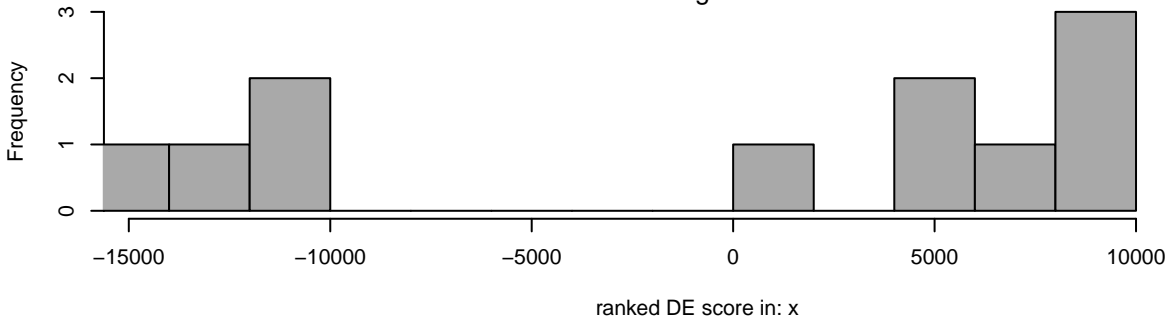


# Receptor Mediated Mitophagy

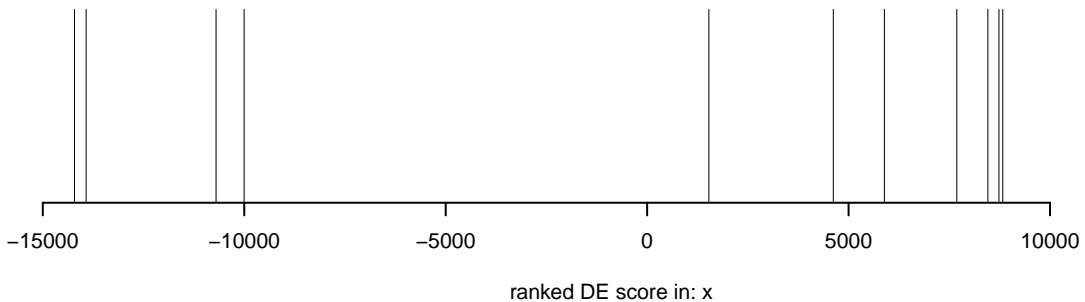
beeswarm plot



histogram



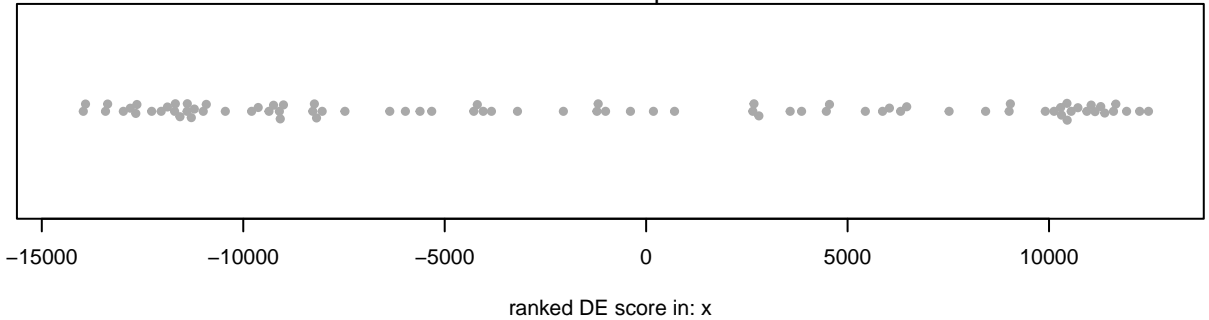
rugplot



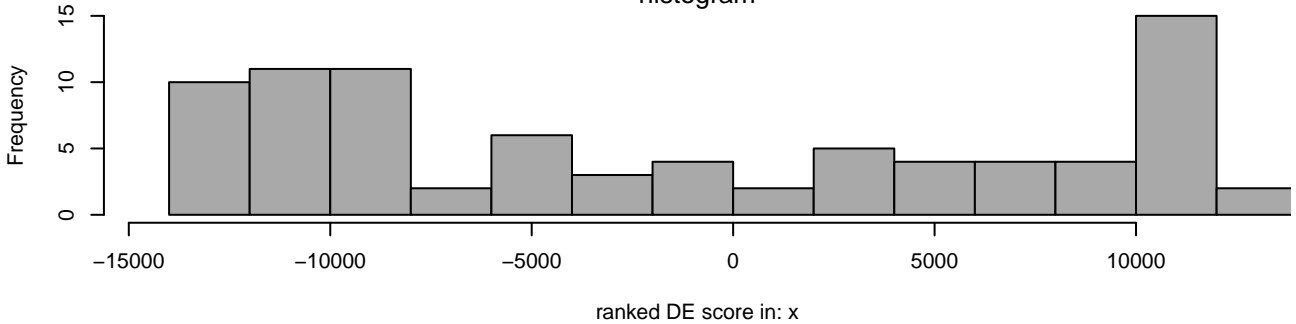


# Oxidative Stress Induced Senescence

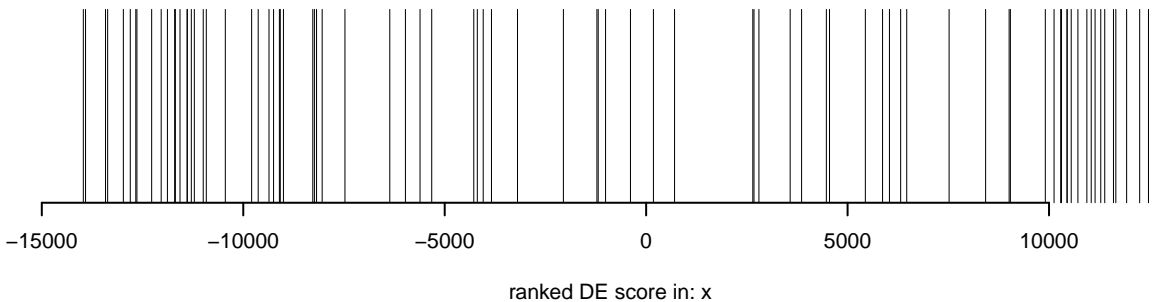
beeswarm plot



histogram

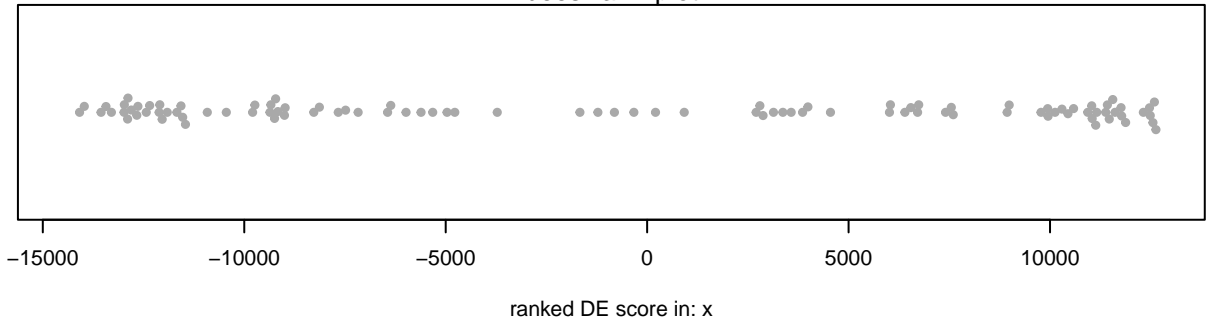


rugplot

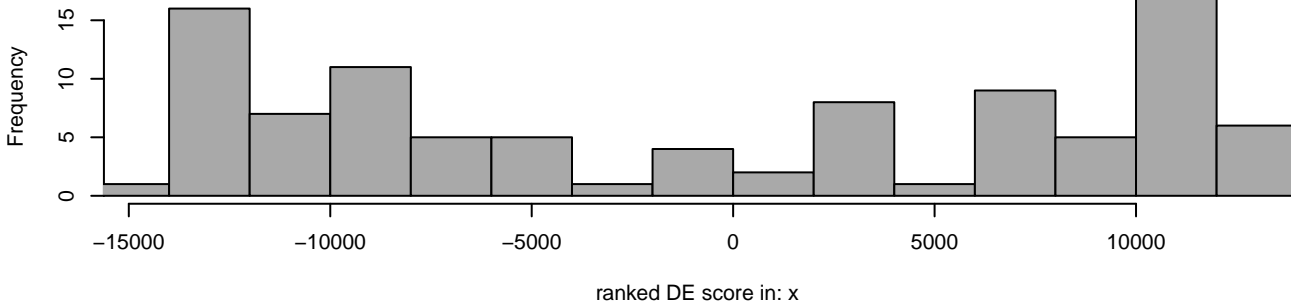


# Gene Silencing by RNA

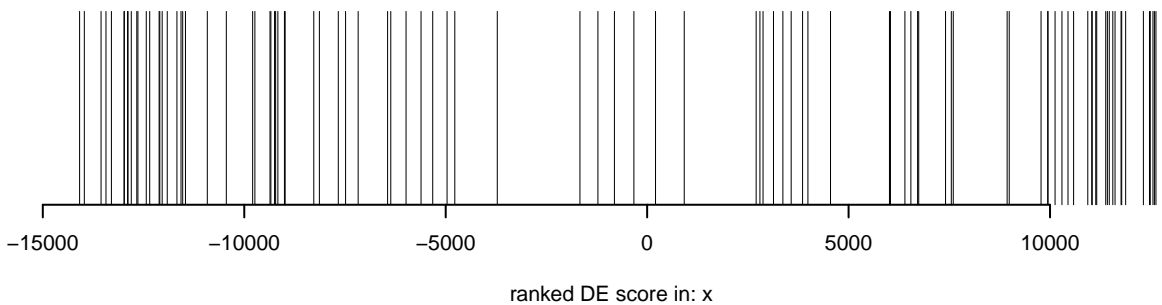
beeswarm plot



histogram

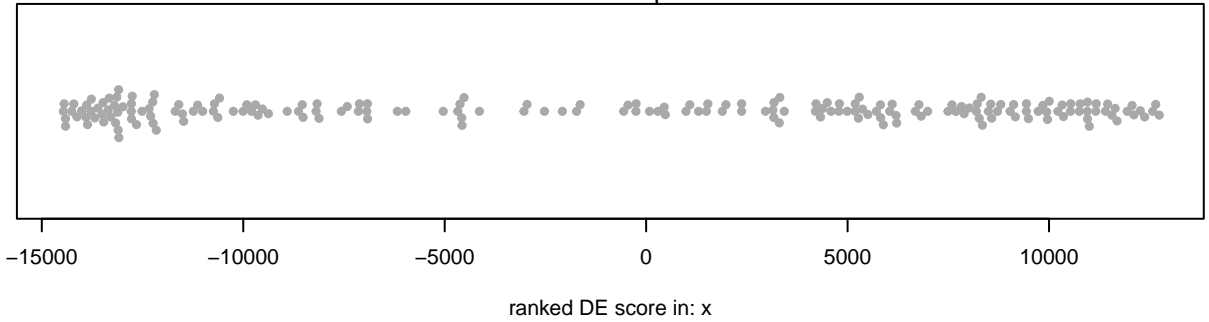


rugplot

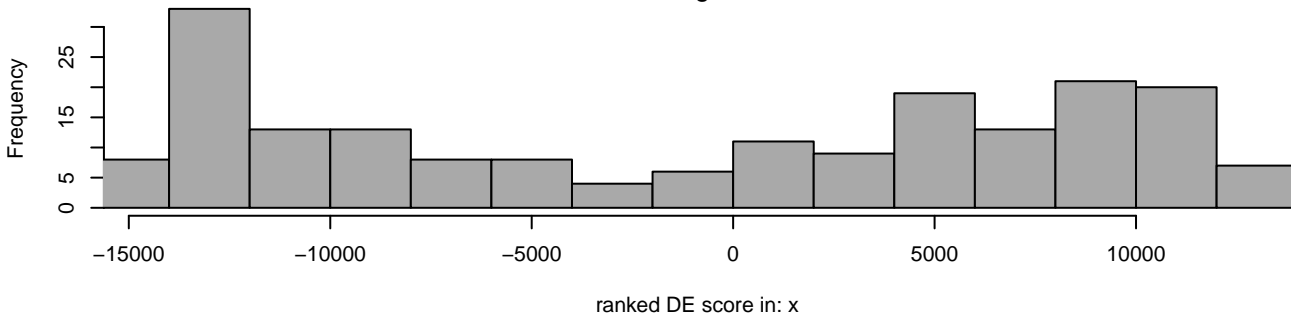


# Phospholipid metabolism

beeswarm plot



histogram



rugplot

