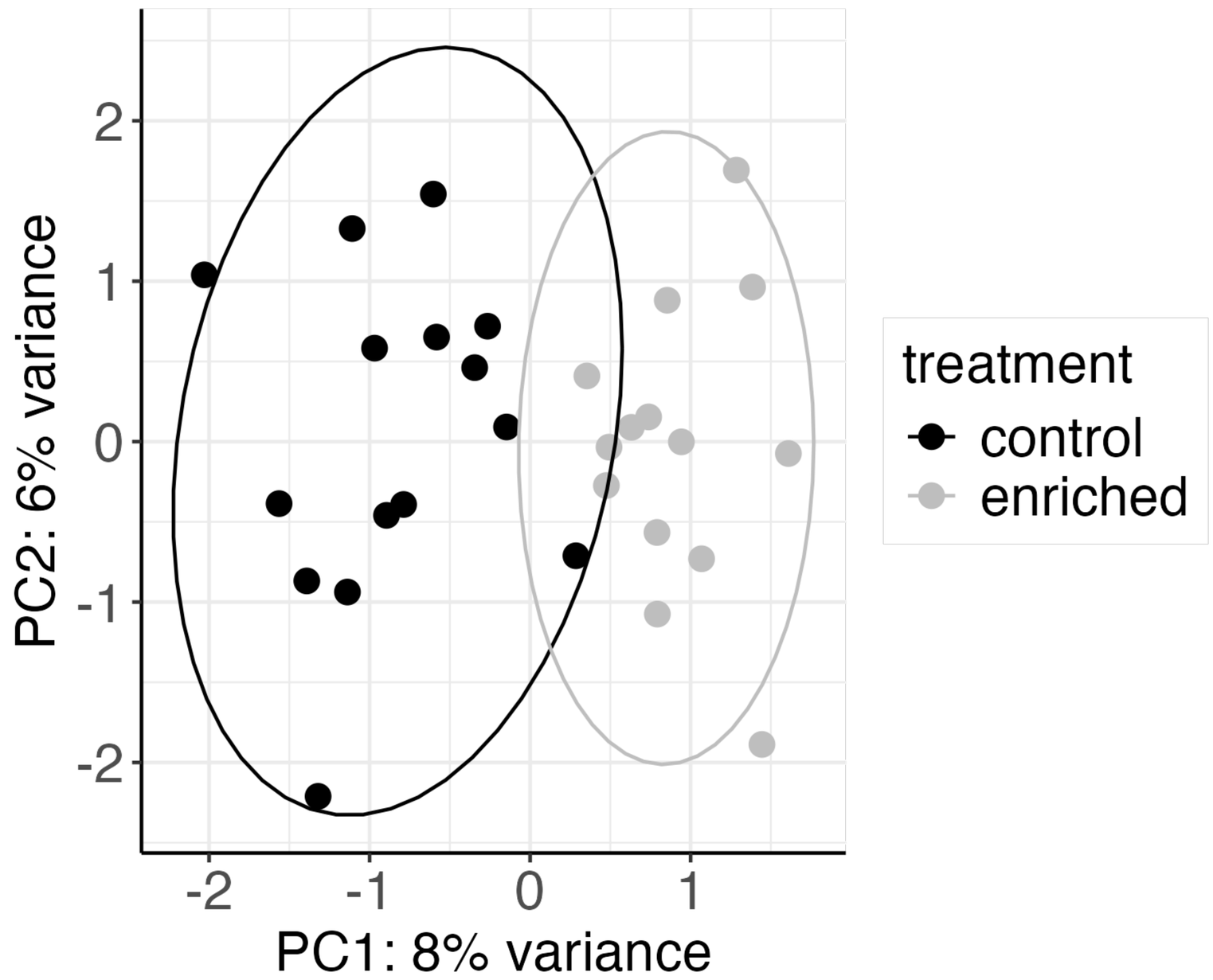
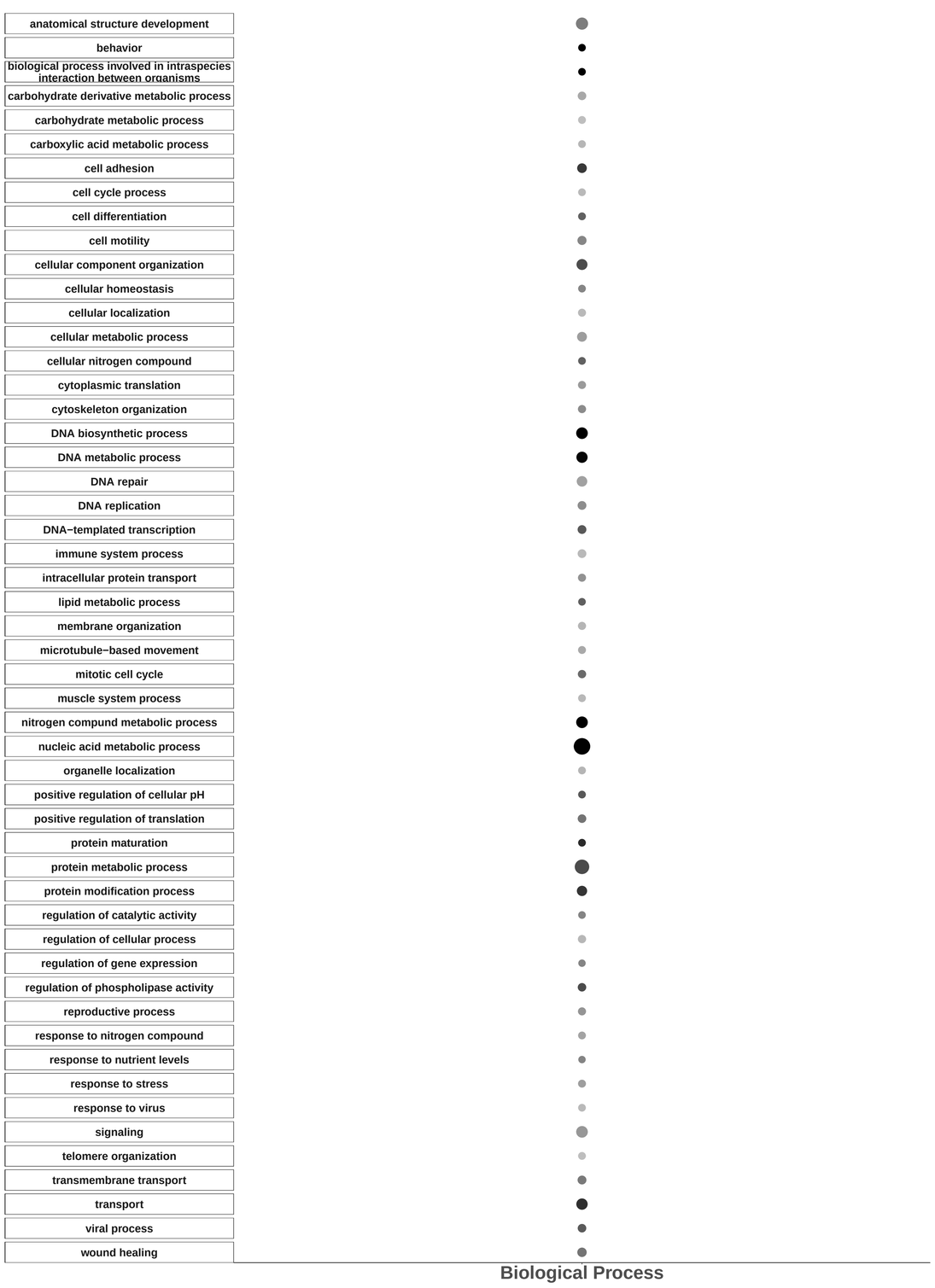
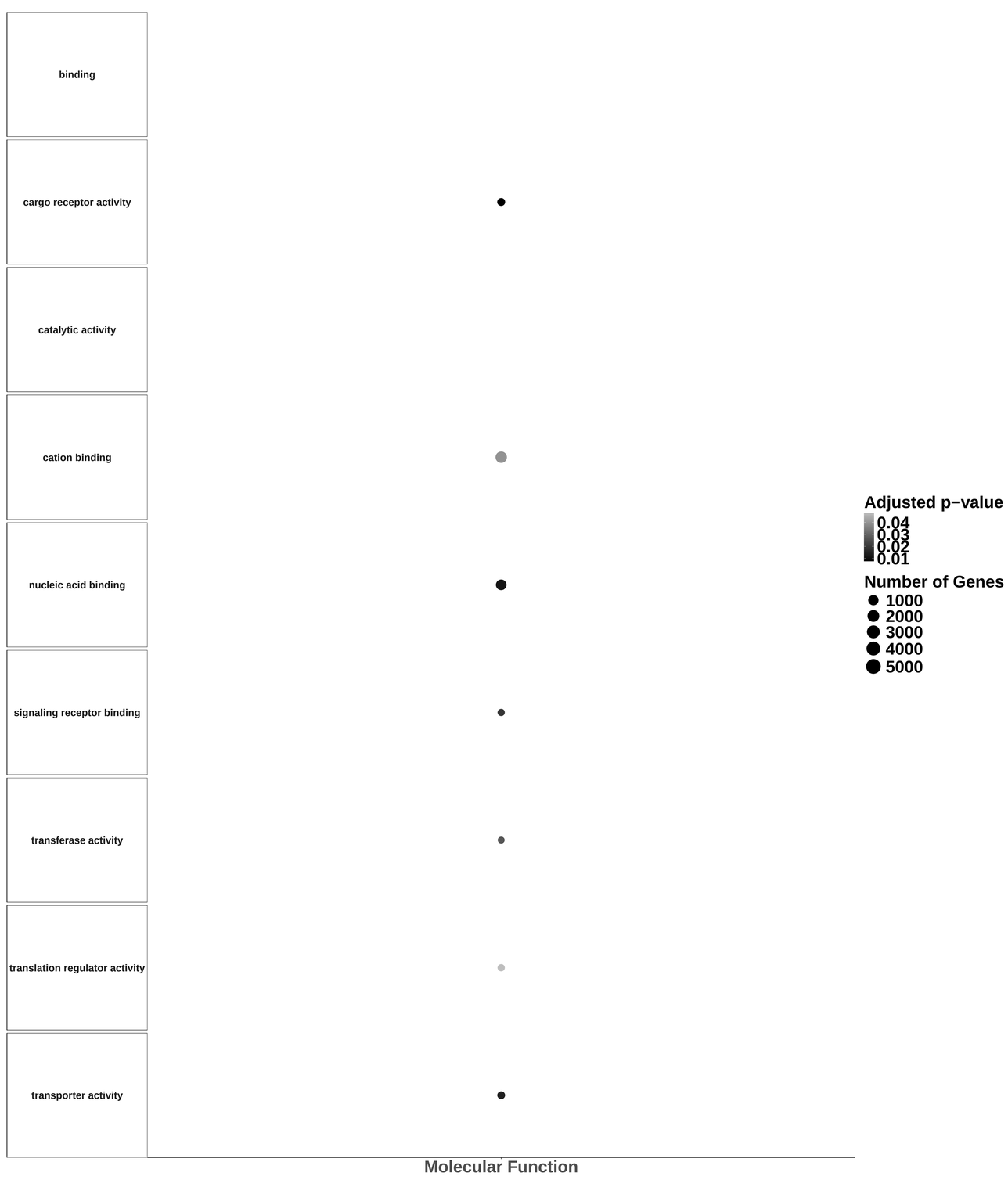
A


PC2: 6% variance
PC1: 8% variance
2
1
0
-1
-2
-2
-1
0
1
treatment
control
enriched


anatomical structure development
behavior
biological process involved in intraspecies interaction between organisms
carbohydrate derivative metabolic process
carbohydrate metabolic process
carboxylic acid metabolic process
cell adhesion
cell cycle process
cell differentiation
cell motility
cellular component organization
cellular homeostasis
cellular localization
cellular metabolic process
cellular nitrogen compound
cytoplasmic translation
cytoskeleton organization
DNA biosynthetic process
DNA metabolic process
DNA repair
DNA replication
DNA−templated transcription
immune system process
intracellular protein transport
lipid metabolic process
membrane organization
microtubule−based movement
mitotic cell cycle
muscle system process
nitrogen compund metabolic process
nucleic acid metabolic process
organelle localization
positive regulation of cellular pH
positive regulation of translation
protein maturation
protein metabolic process
protein modification process
regulation of catalytic activity
regulation of cellular process
regulation of gene expression
regulation of phospholipase activity
reproductive process
response to nitrogen compound
response to nutrient levels
response to stress
response to virus
signaling
telomere organization
transmembrane transport
transport
viral process
wound healing
Biological Process
Adjusted p−value
0.04
0.03
0.02
0.01
Number of Genes
500
1000
1500


binding
cargo receptor activity
catalytic activity
cation binding
nucleic acid binding
signaling receptor binding
transferase activity
translation regulator activity
transporter activity
Molecular Function
Adjusted p−value
0.04
0.03
0.02
0.01
Number of Genes
1000
2000
3000
4000
5000