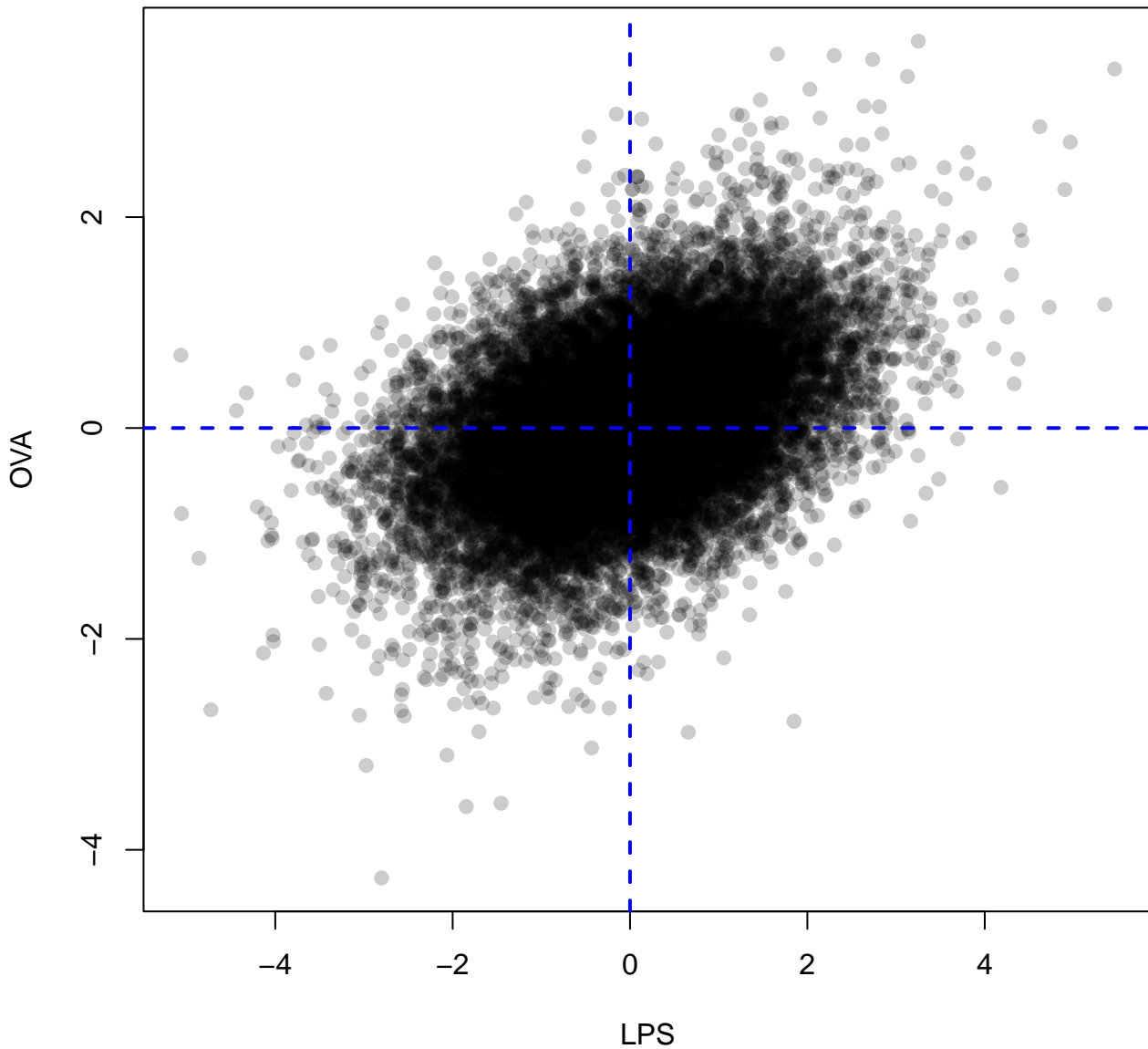
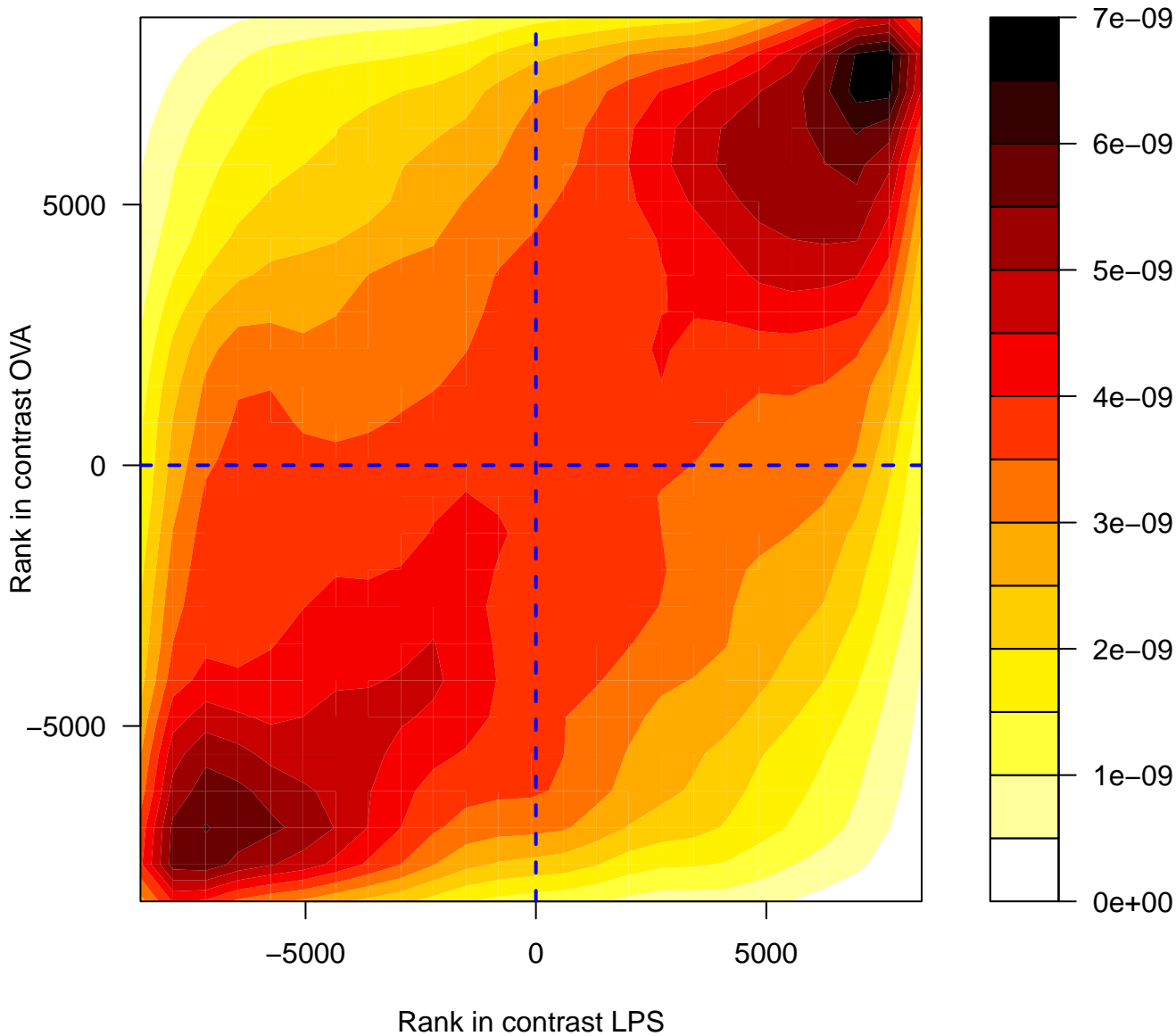


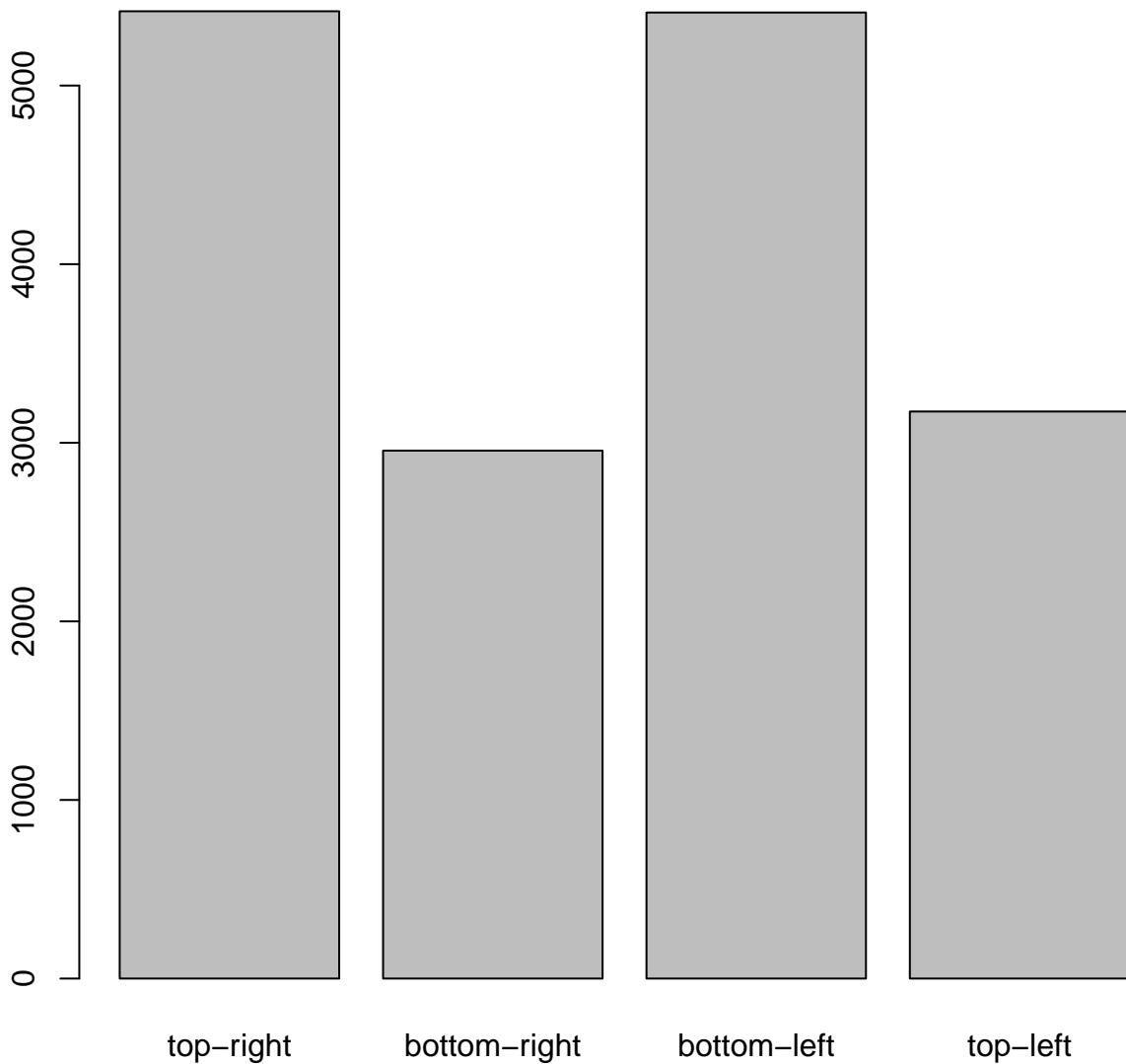
Scatterplot of all genes



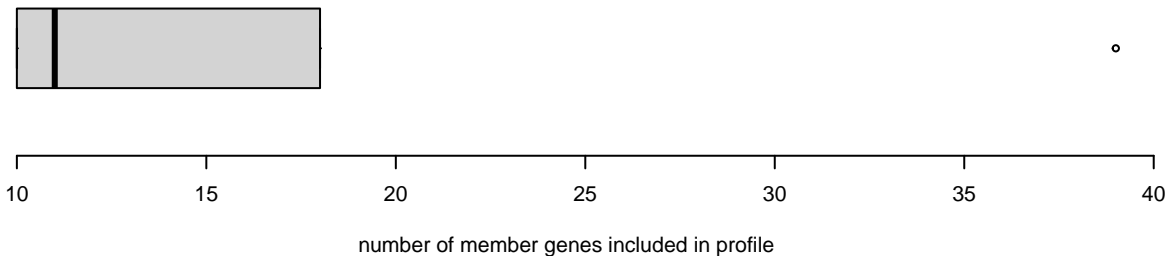
# Rank-rank plot of all genes



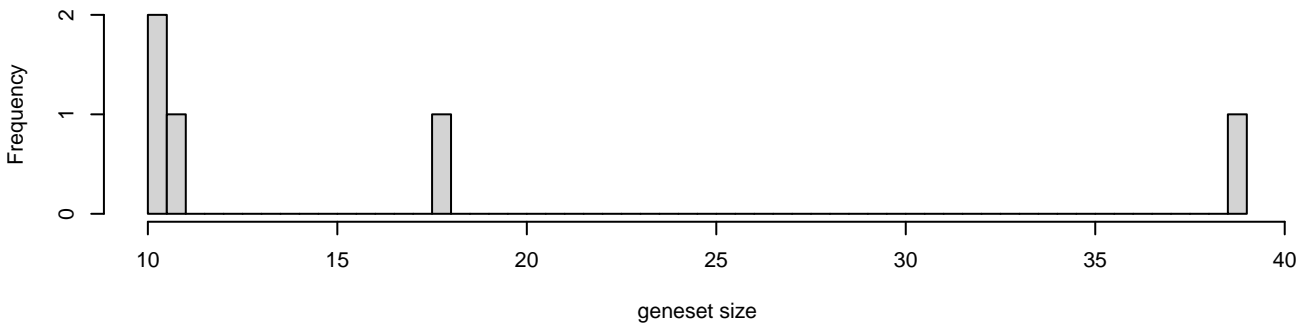
## number of genes in each quadrant



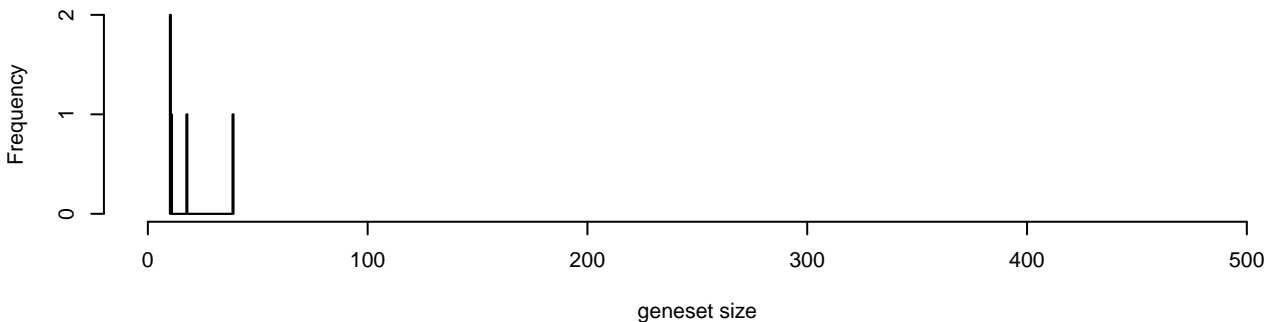
### Gene set size



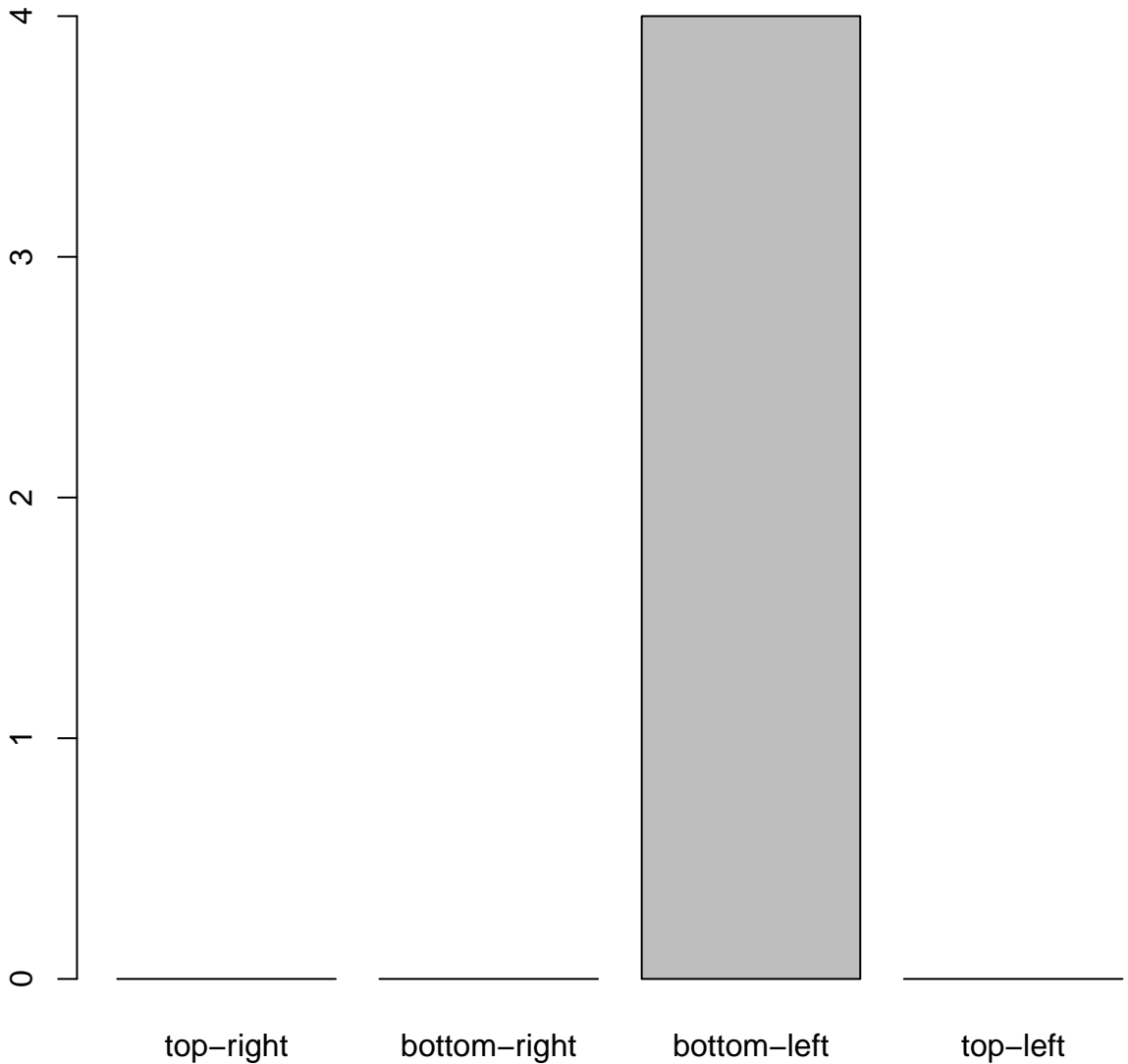
### Histogram of geneset size



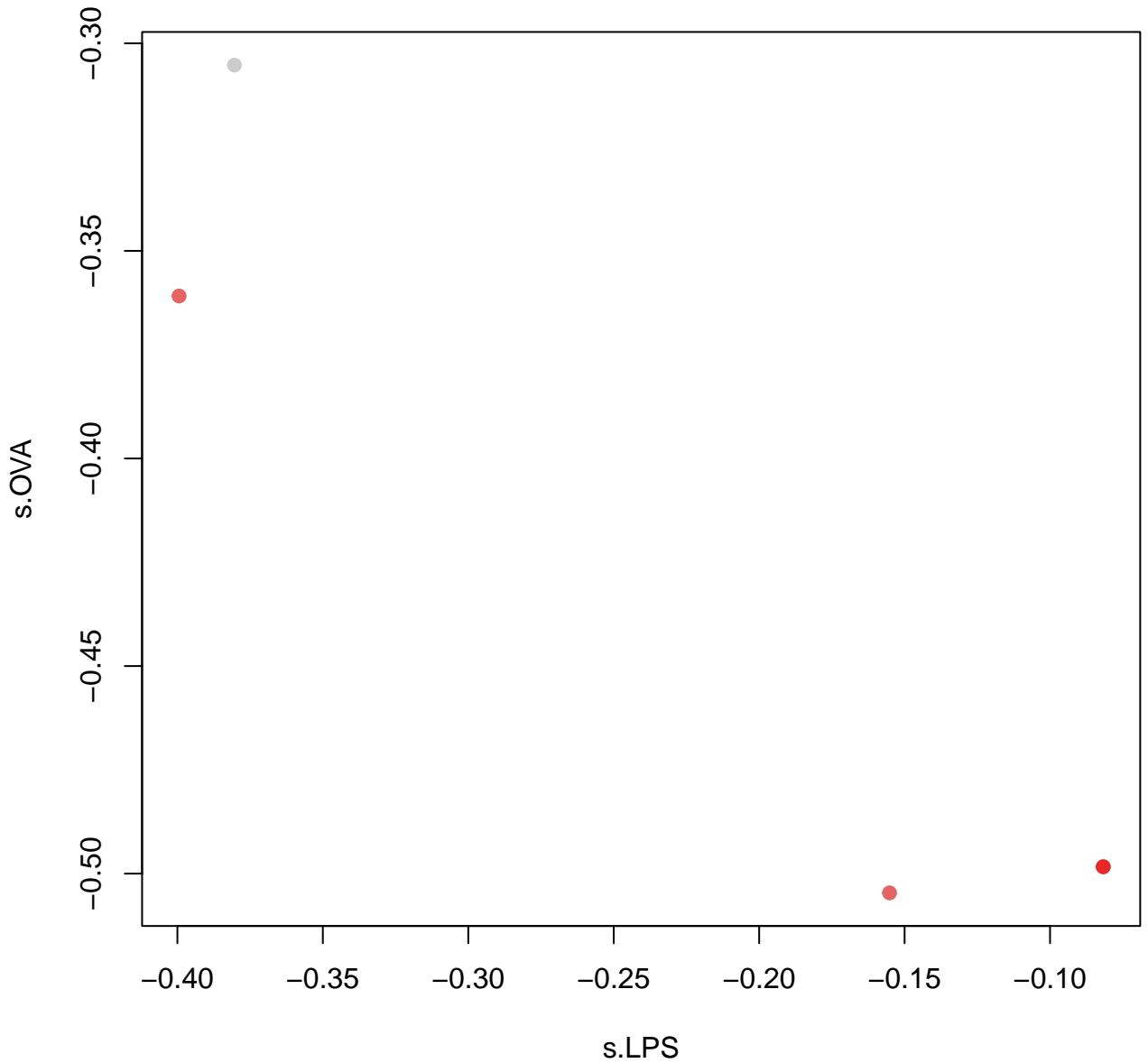
### Trimmed histogram of geneset size



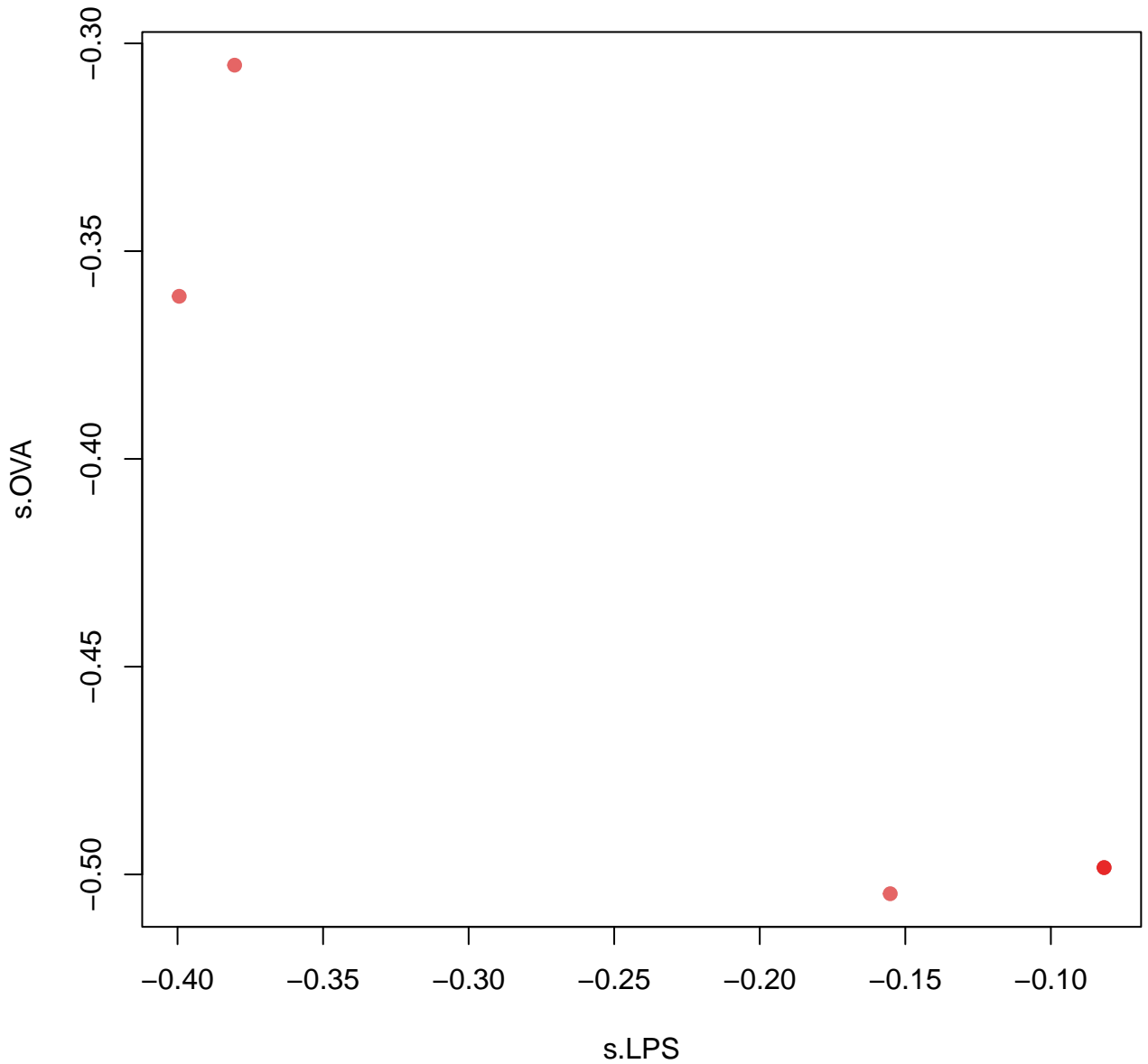
# number of genesets FDR<0.05



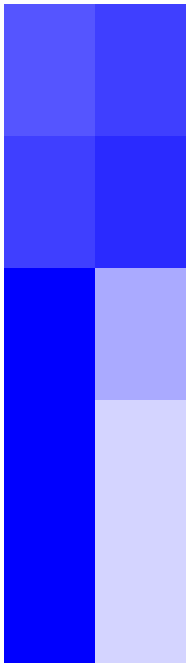
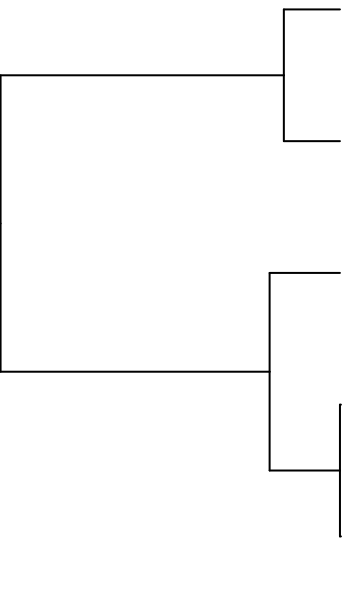
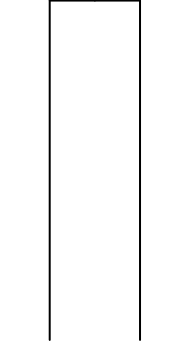
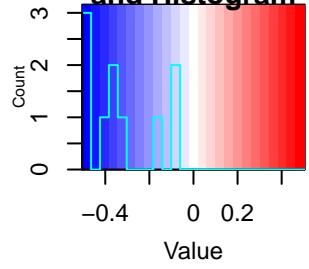
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 5 in red



# Color Key and Histogram



OVA

LPS

CREB1 PHOSPHORYLATION THROUGH THE ACTIVATION OF ADENYLATE C

VOLTAGE GATED POTASSIUM CHANNELS

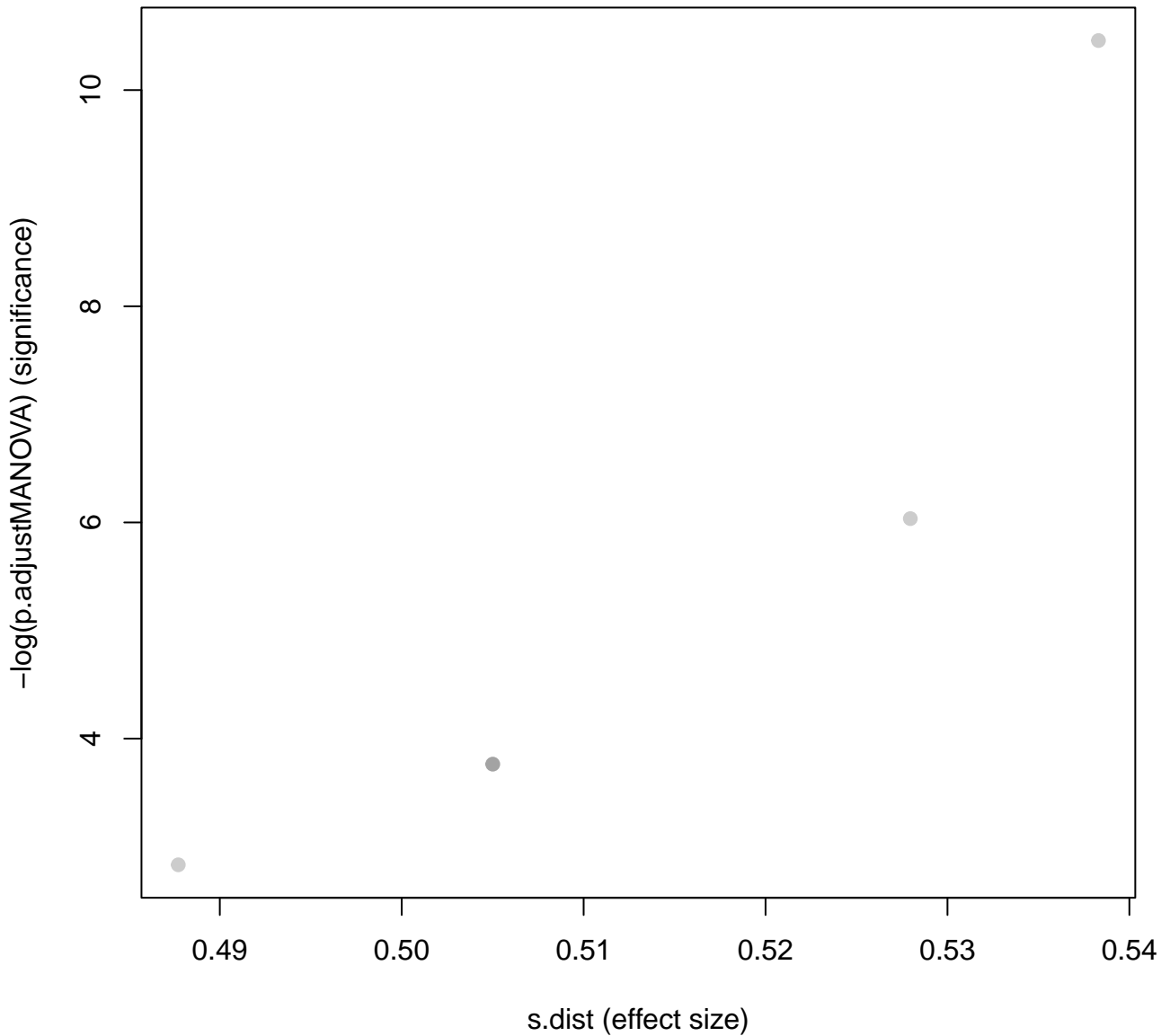
SEROTONIN NEUROTRANSMITTER RELEASE CYCLE

HIGHLY CALCIUM PERMEABLE POSTSYNAPTIC NICOTINIC ACETYLCHOLIN

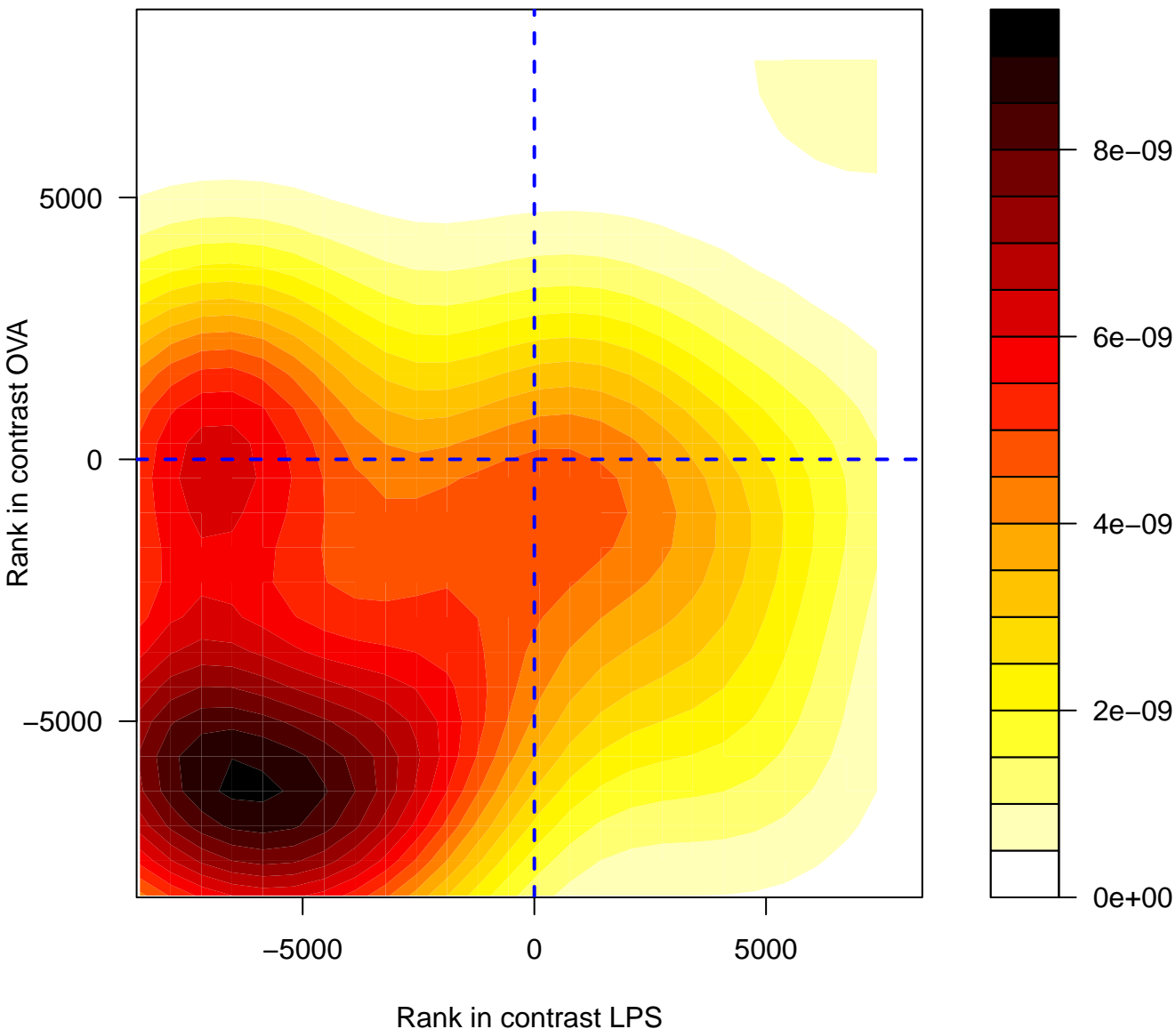
ACETYLCHOLINE BINDING AND DOWNSTREAM EVENTS



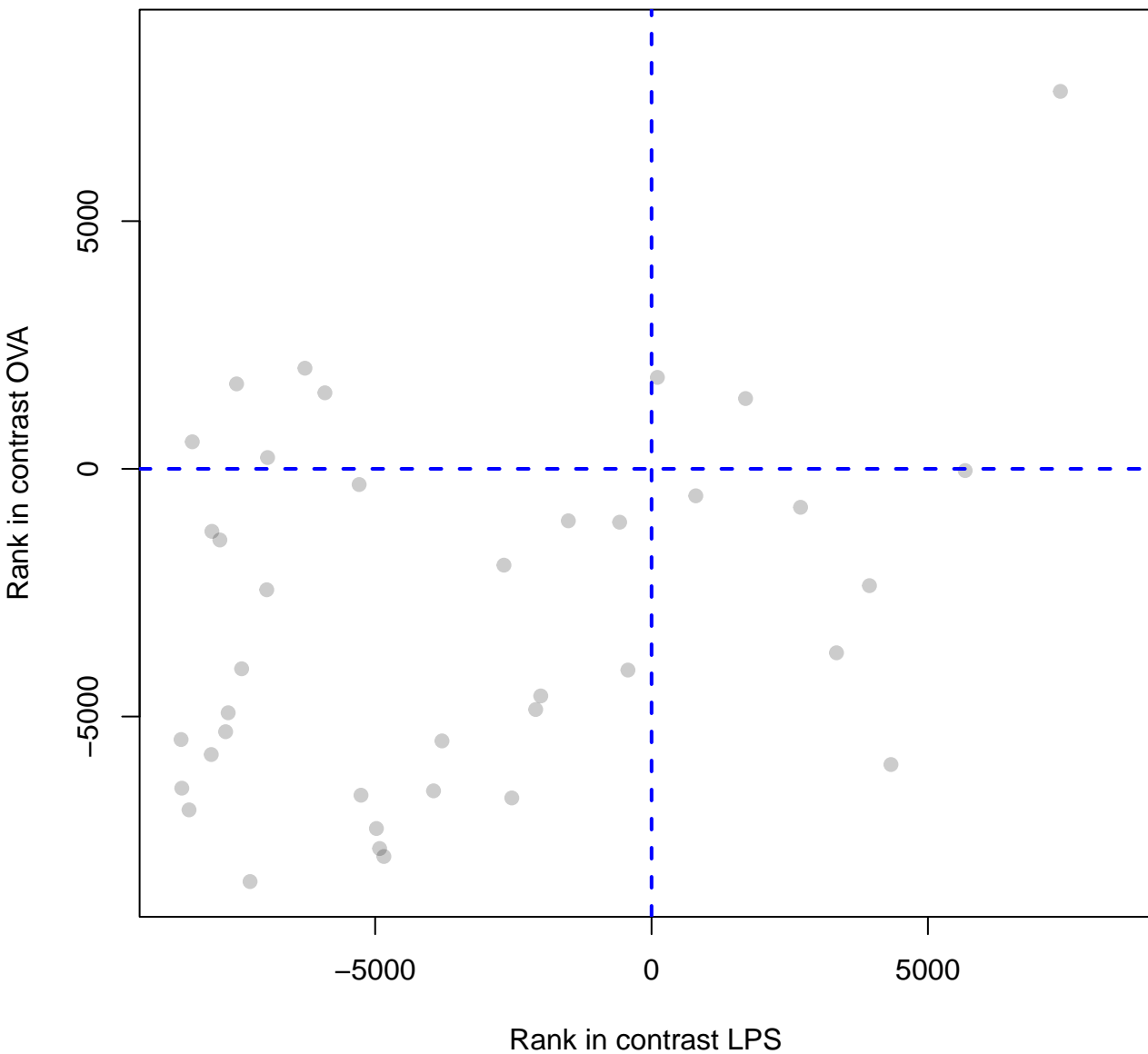
## effect size versus statistical significance



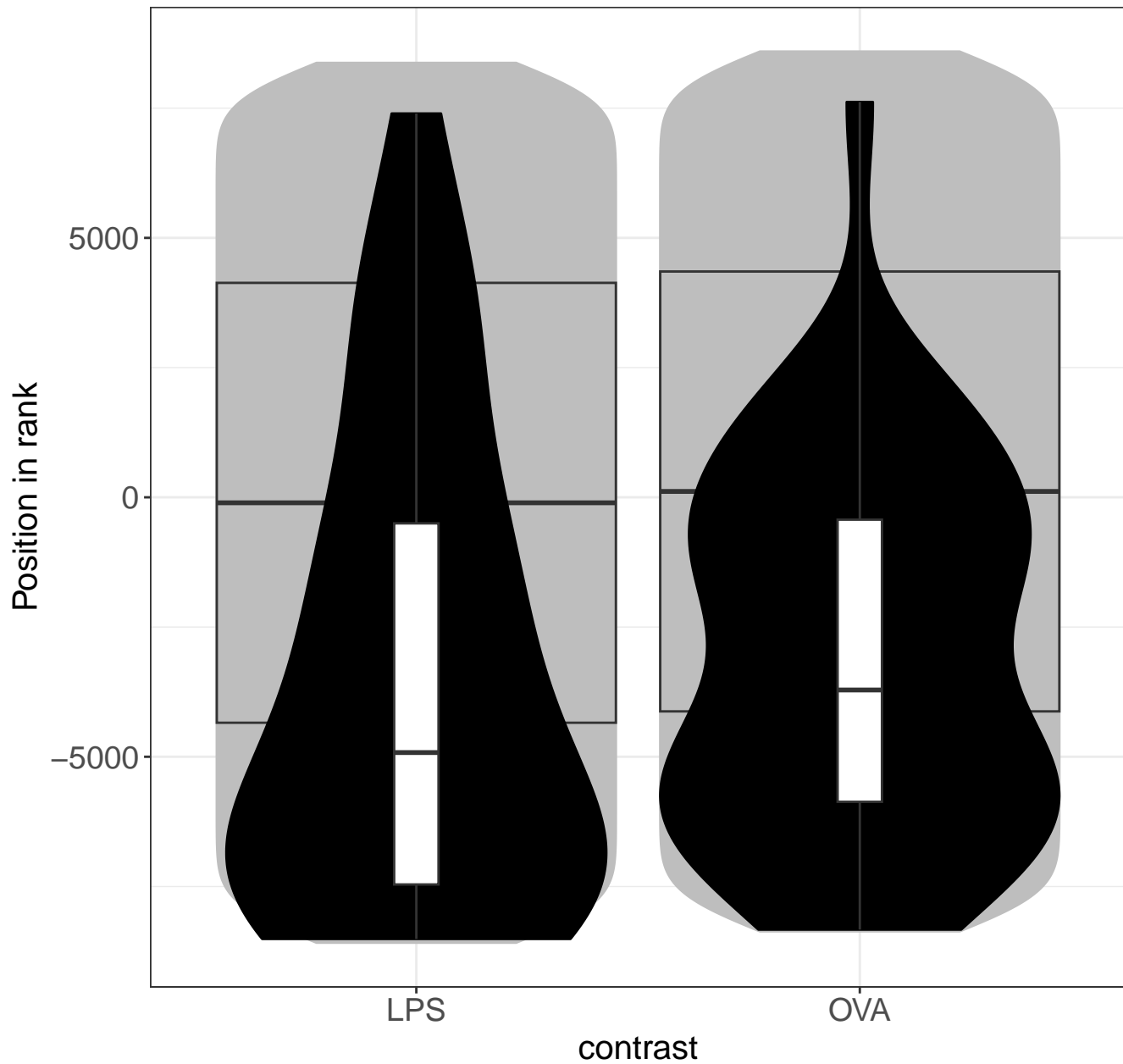
# VOLTAGE GATED POTASSIUM CHANNELS



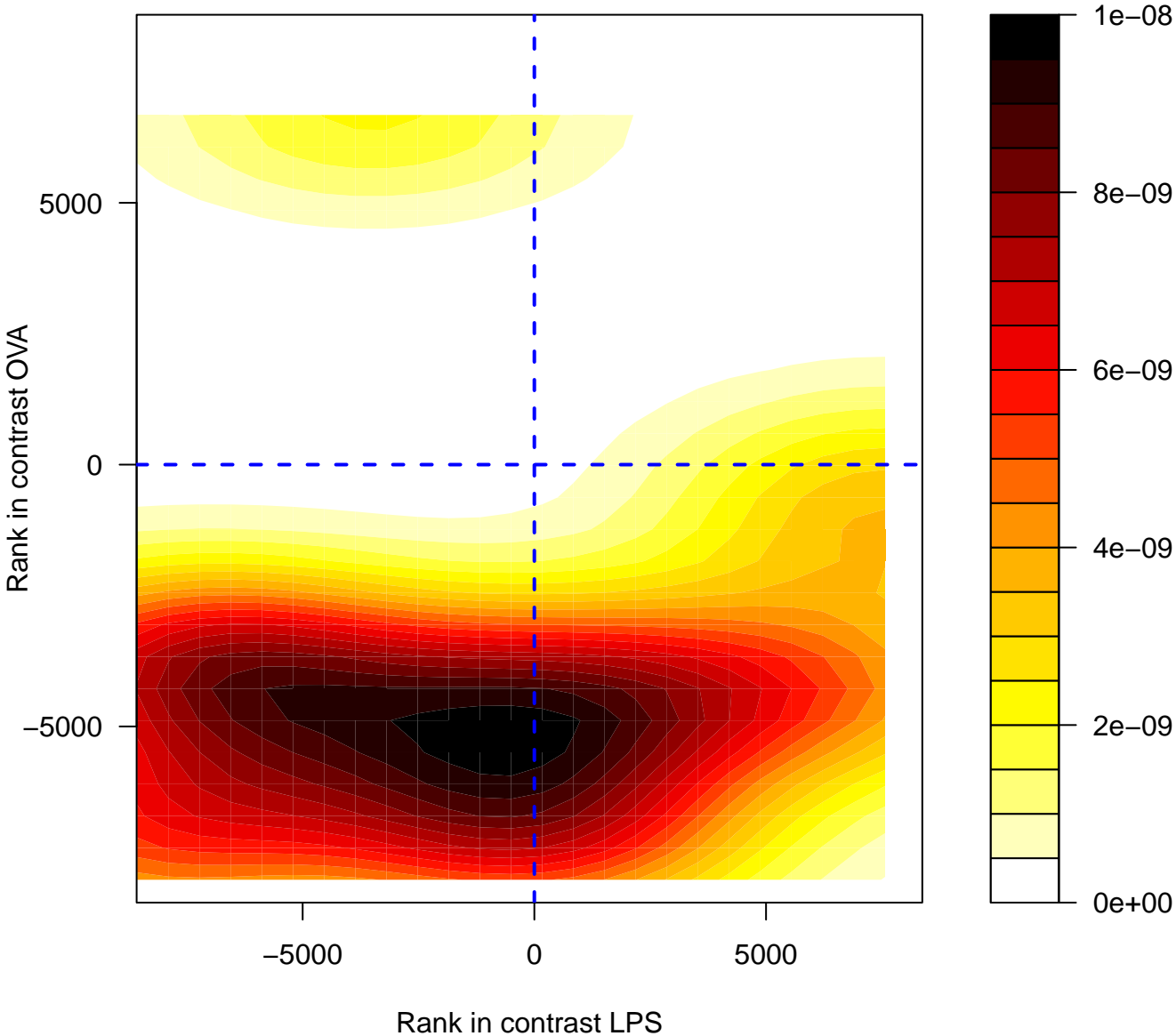
# VOLTAGE GATED POTASSIUM CHANNELS



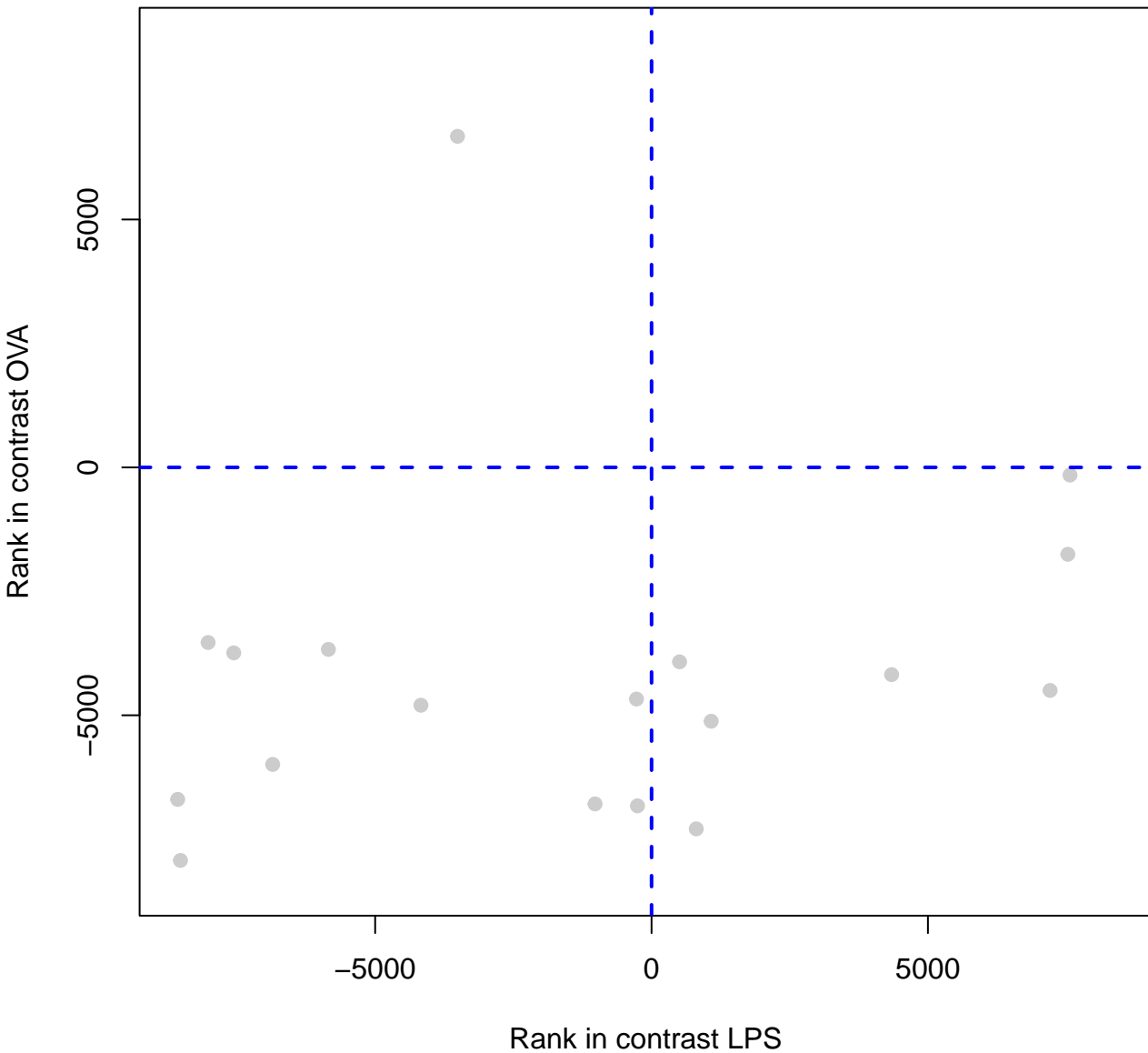
# VOLTAGE GATED POTASSIUM CHANNELS



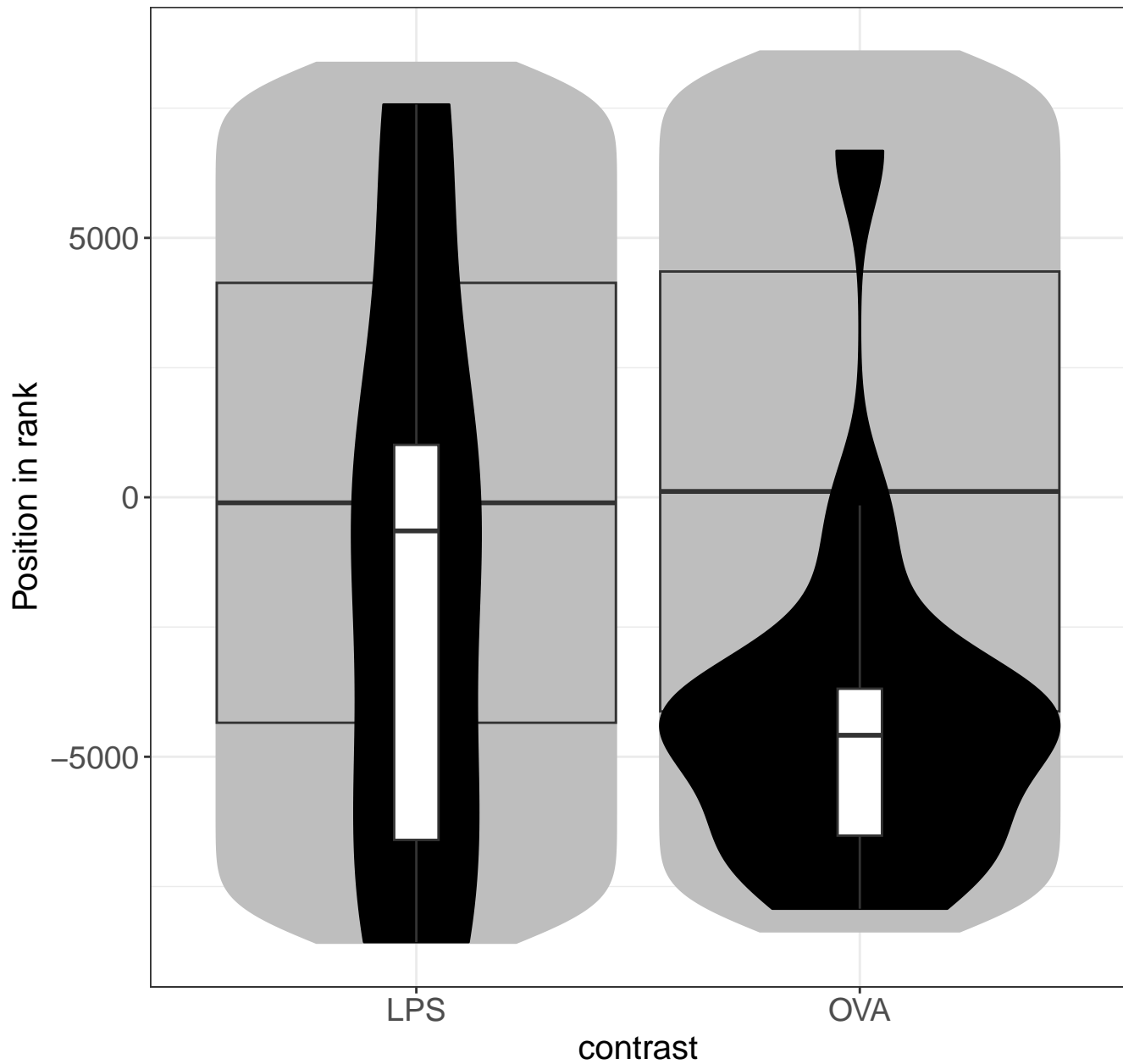
# SEROTONIN NEUROTRANSMITTER RELEASE CYCLE



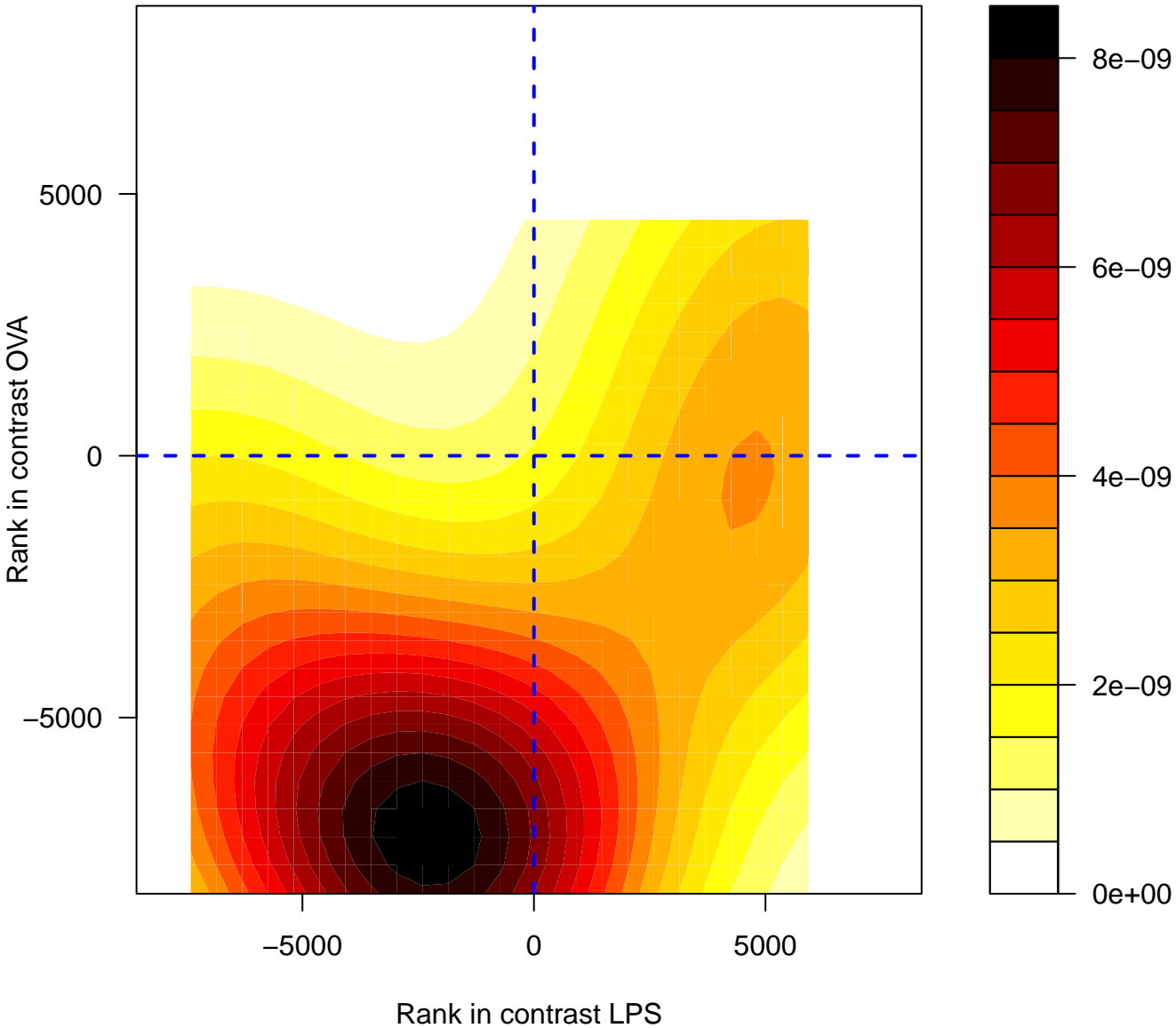
# SEROTONIN NEUROTRANSMITTER RELEASE CYCLE



# SEROTONIN NEUROTRANSMITTER RELEASE

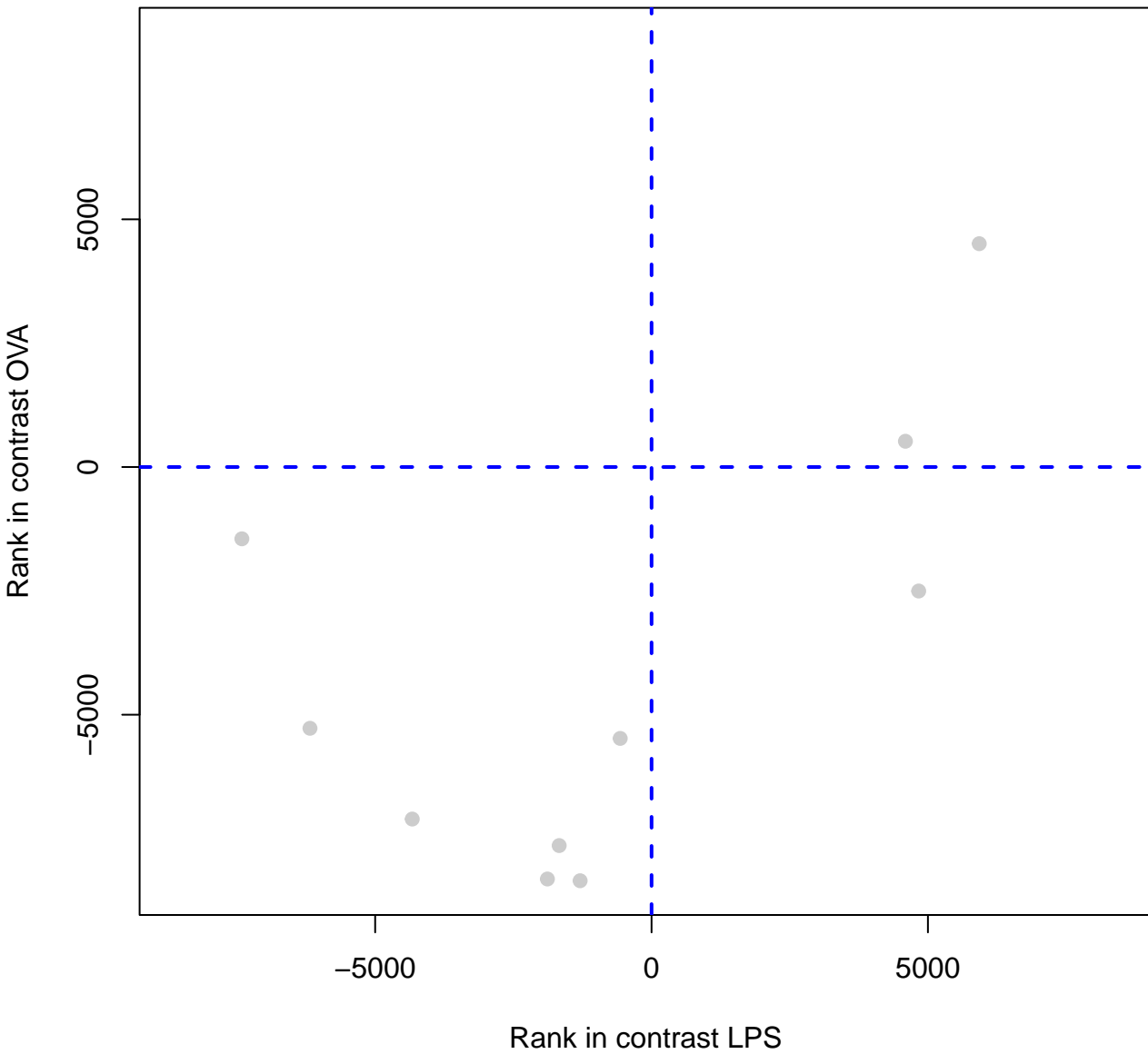


# ACETYLCHOLINE BINDING AND DOWNSTREAM EVENT

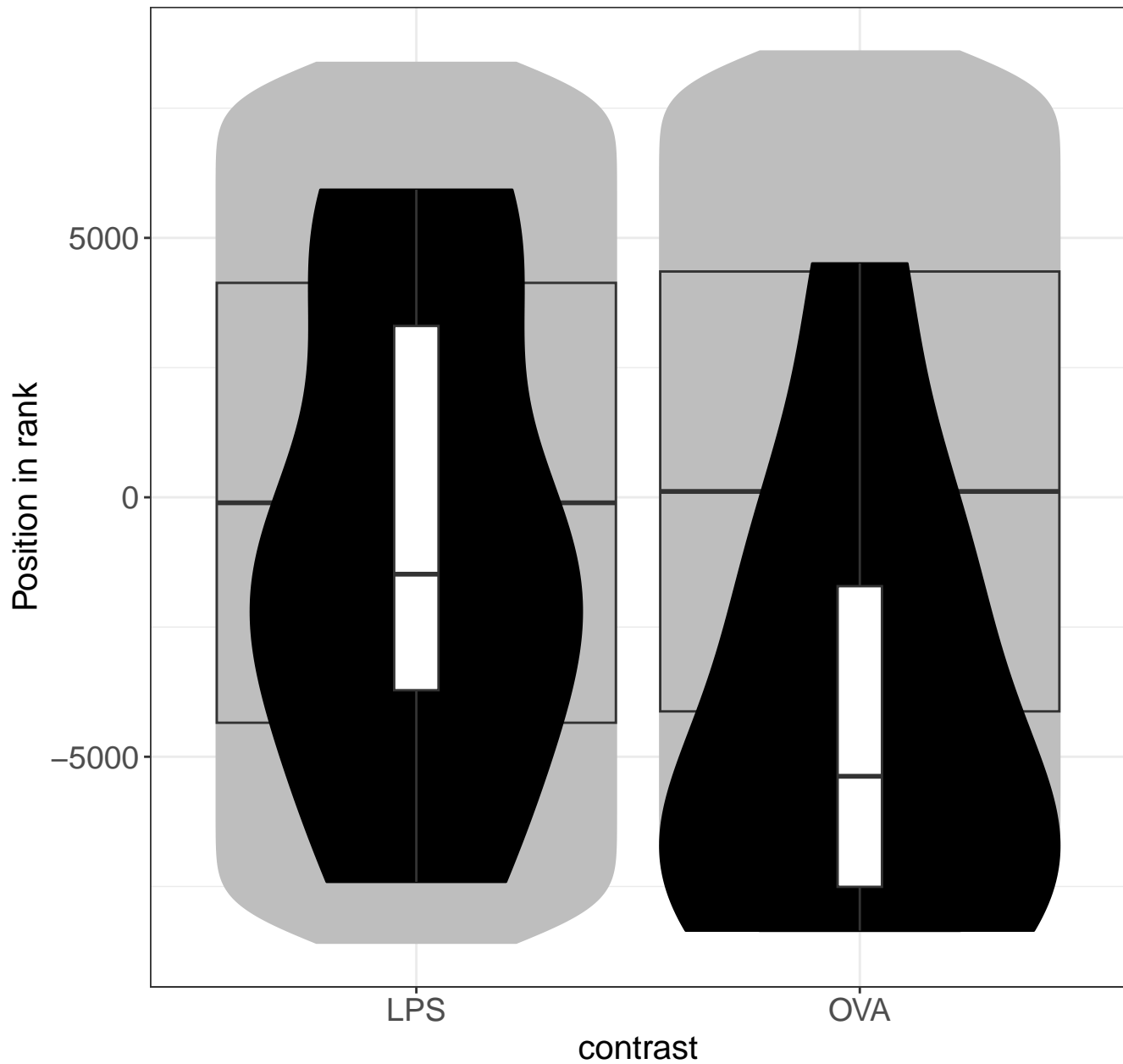




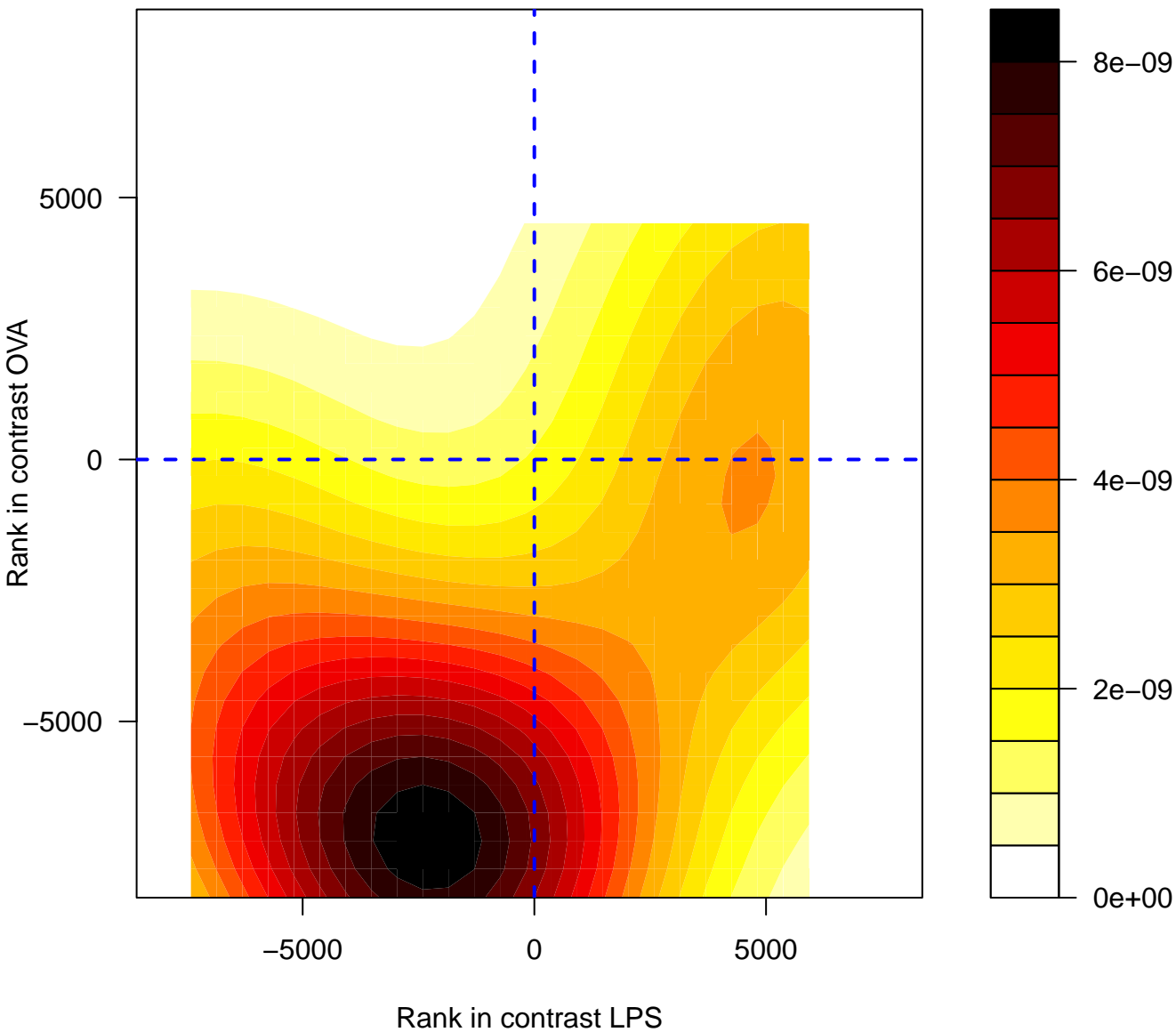
# ACETYLCHOLINE BINDING AND DOWNSTREAM EVENTS



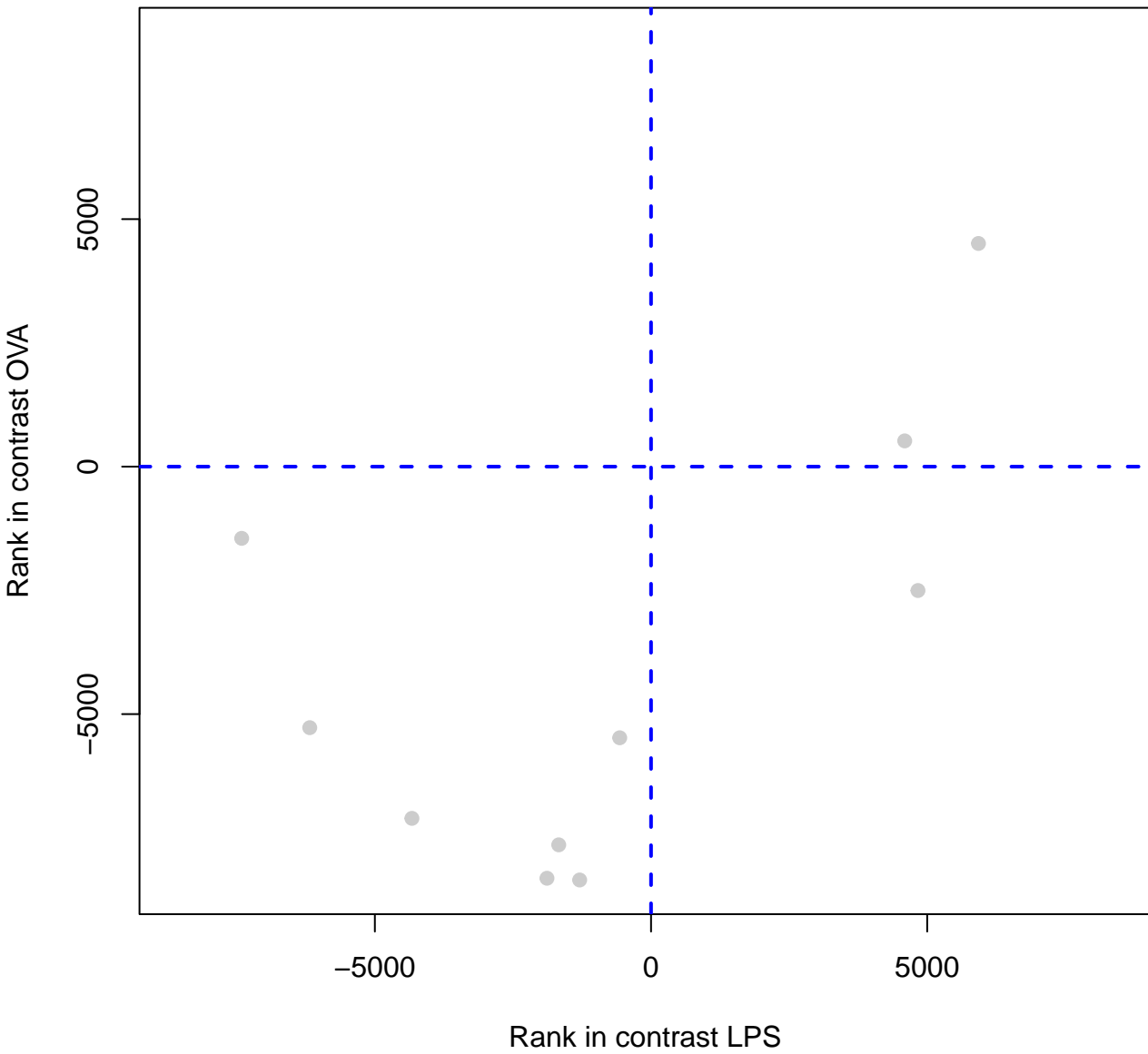
# ACETYLCHOLINE BINDING AND DOWNSTREA



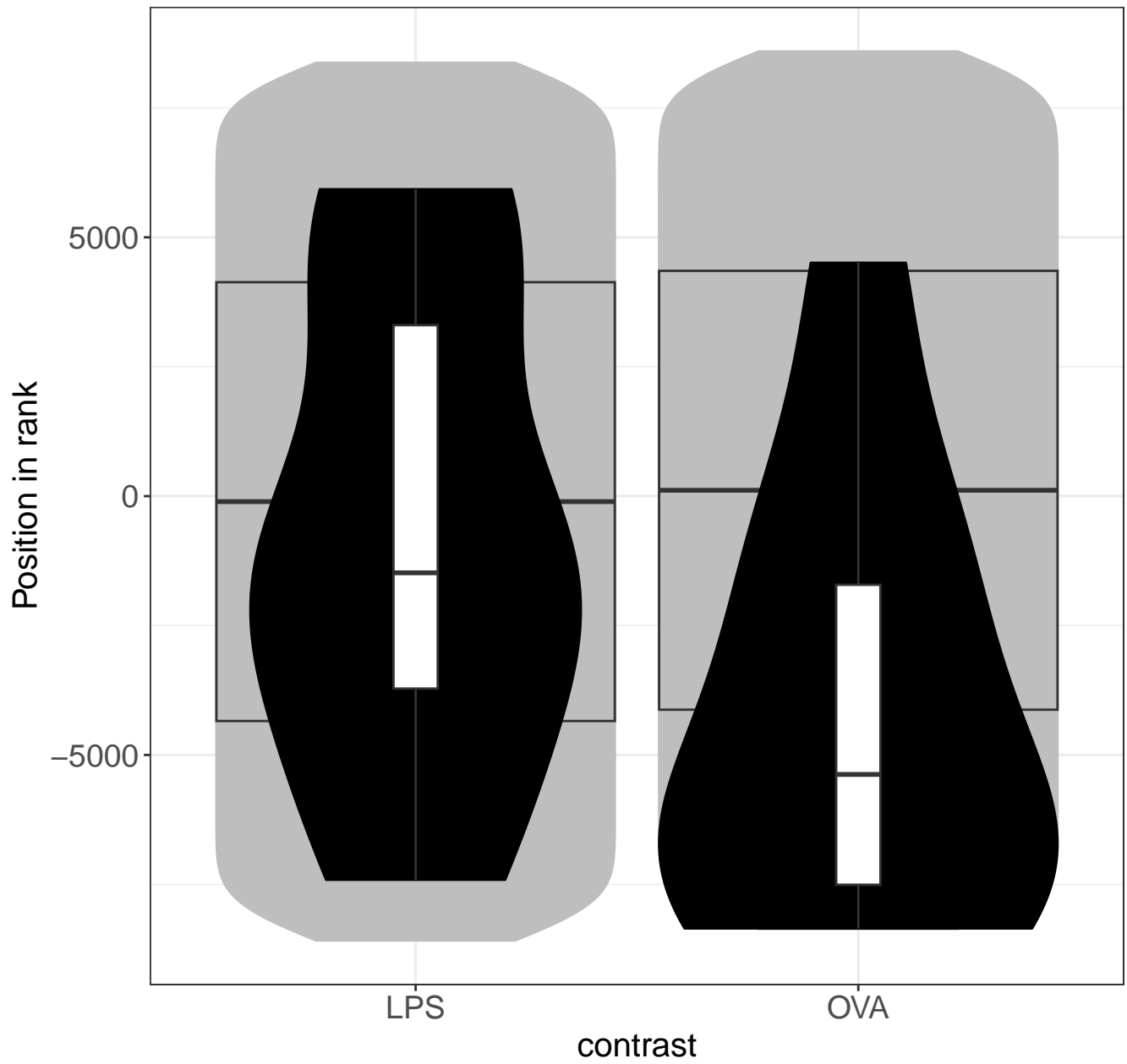
# CIUM PERMEABLE POSTSYNAPTIC NICOTINIC ACETYLCHC



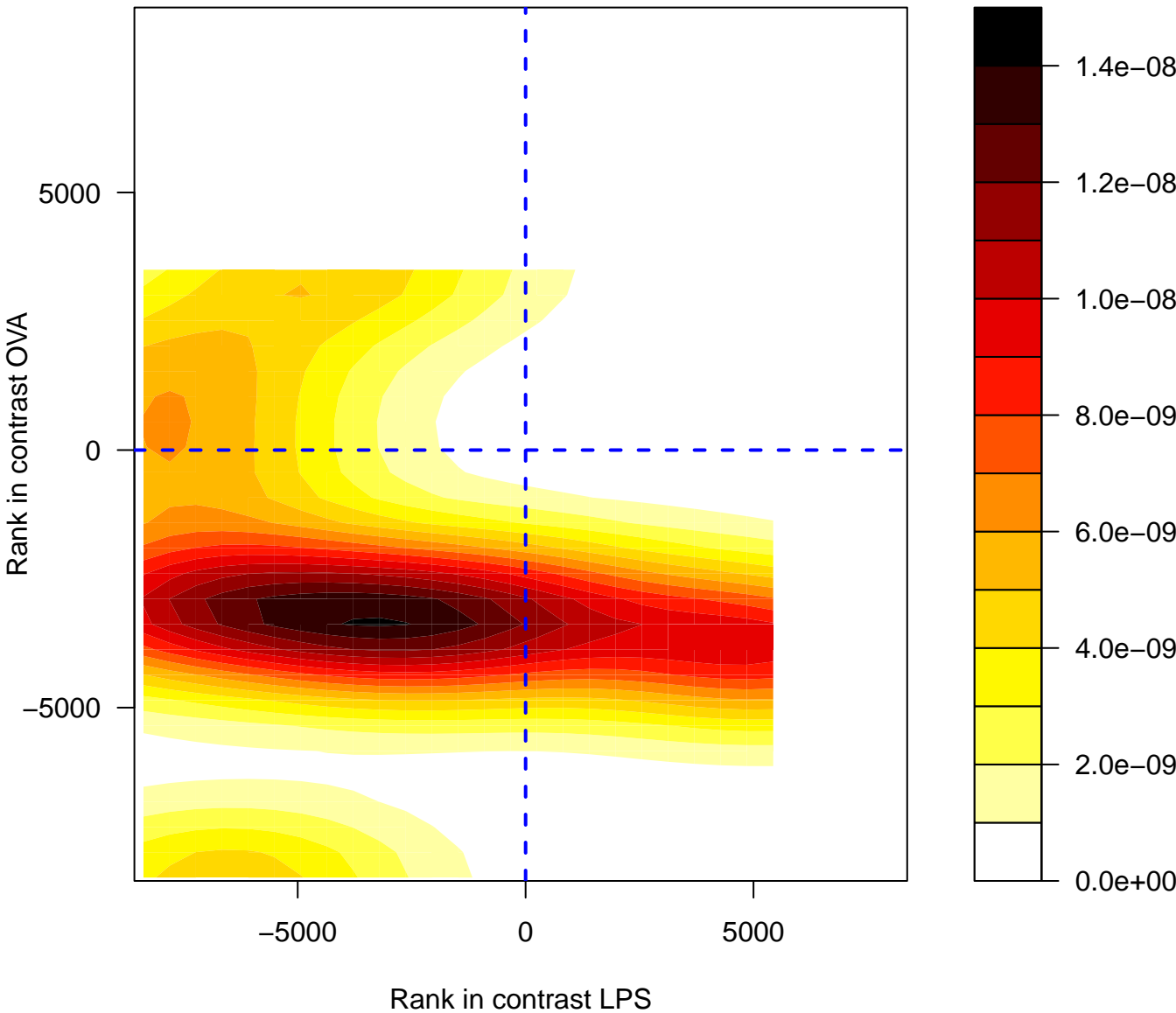
# LY CALCIUM PERMEABLE POSTSYNAPTIC NICOTINIC ACETYLCHOLINE RE



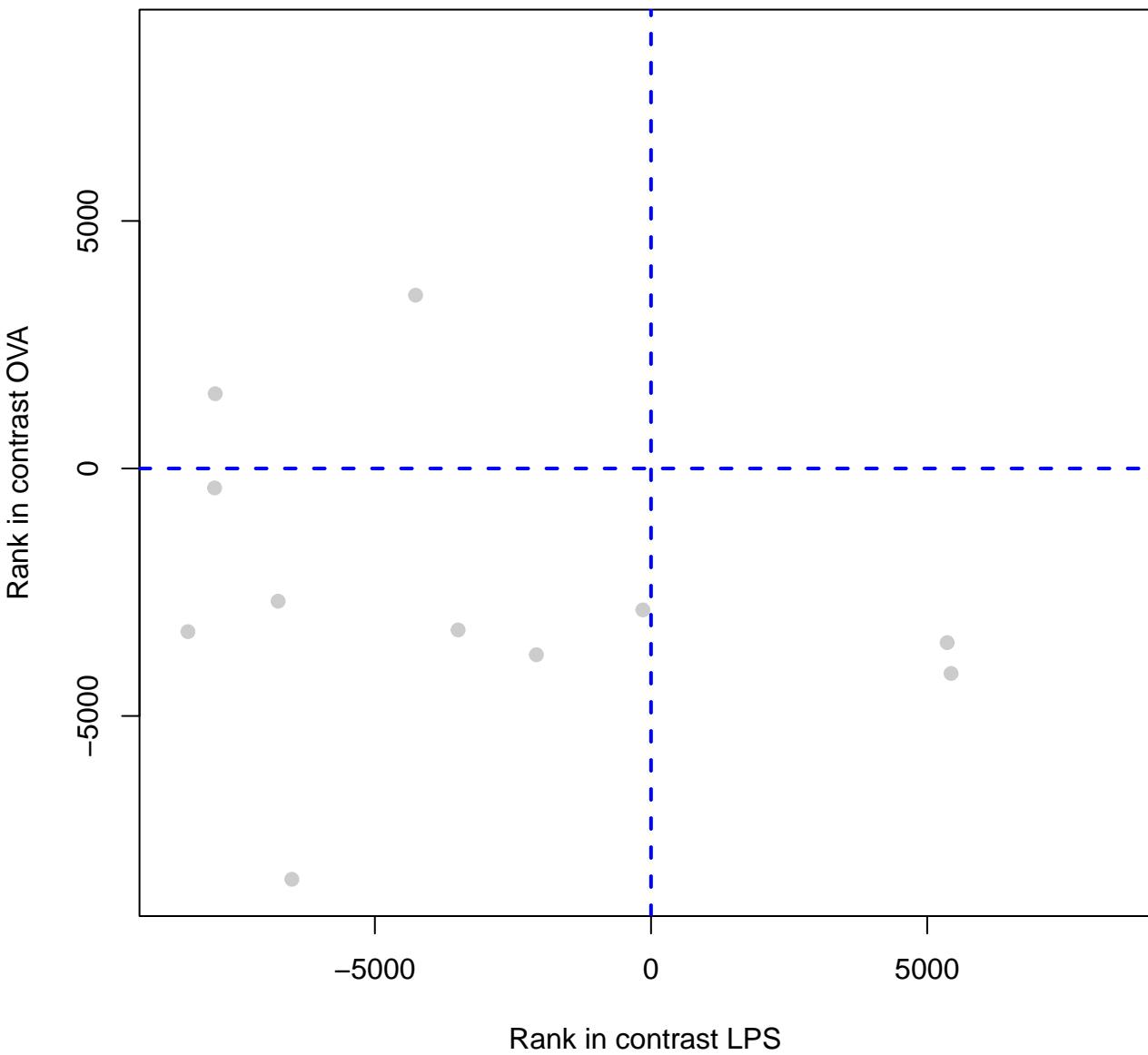
# HIGHLY CALCIUM PERMEABLE POSTSYNAPTIC



# HOSPHORYLATION THROUGH THE ACTIVATION OF ADENYI



# REB1 PHOSPHORYLATION THROUGH THE ACTIVATION OF ADENYLATE CYC



# CREB1 PHOSPHORYLATION THROUGH THE A

