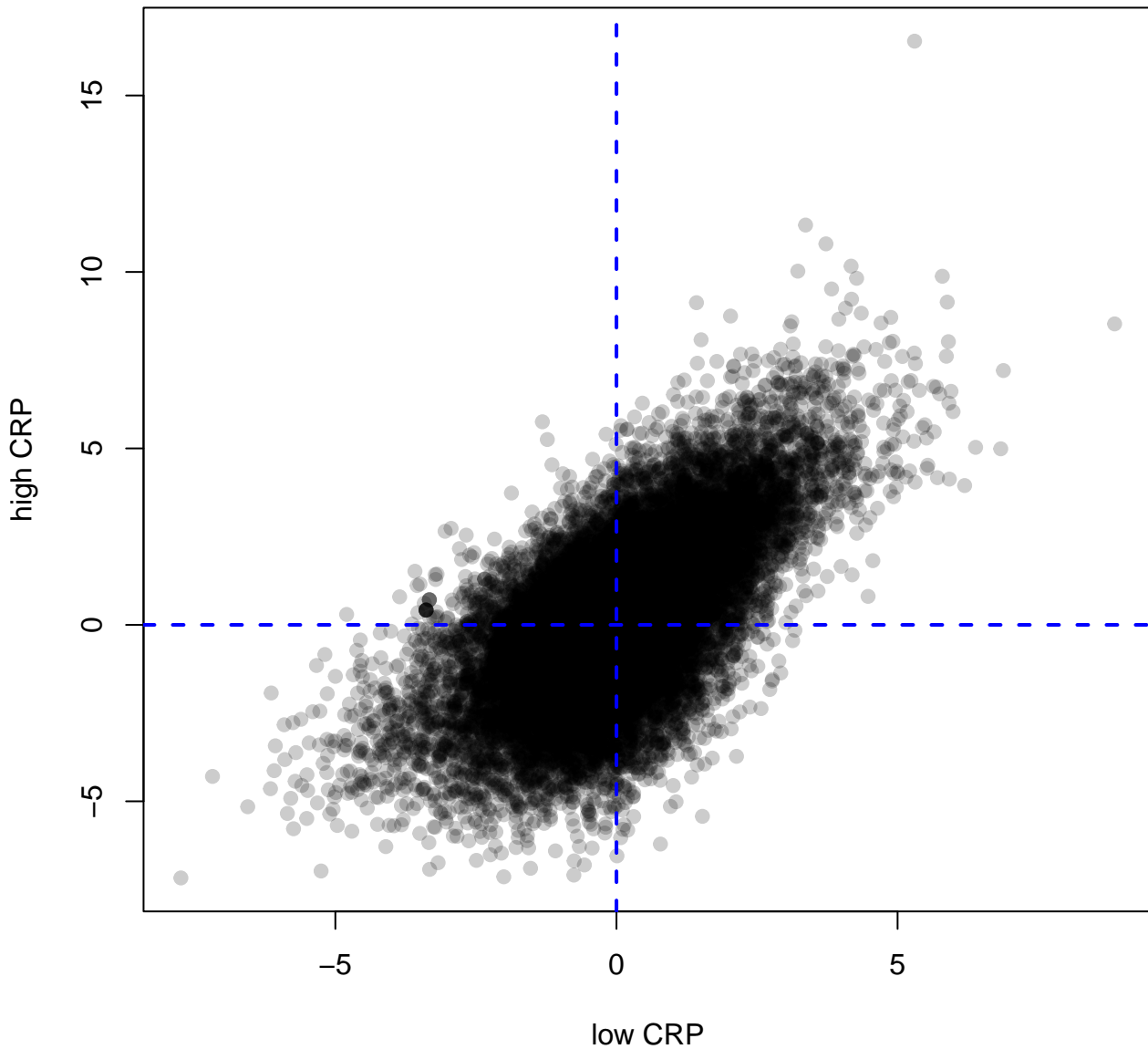
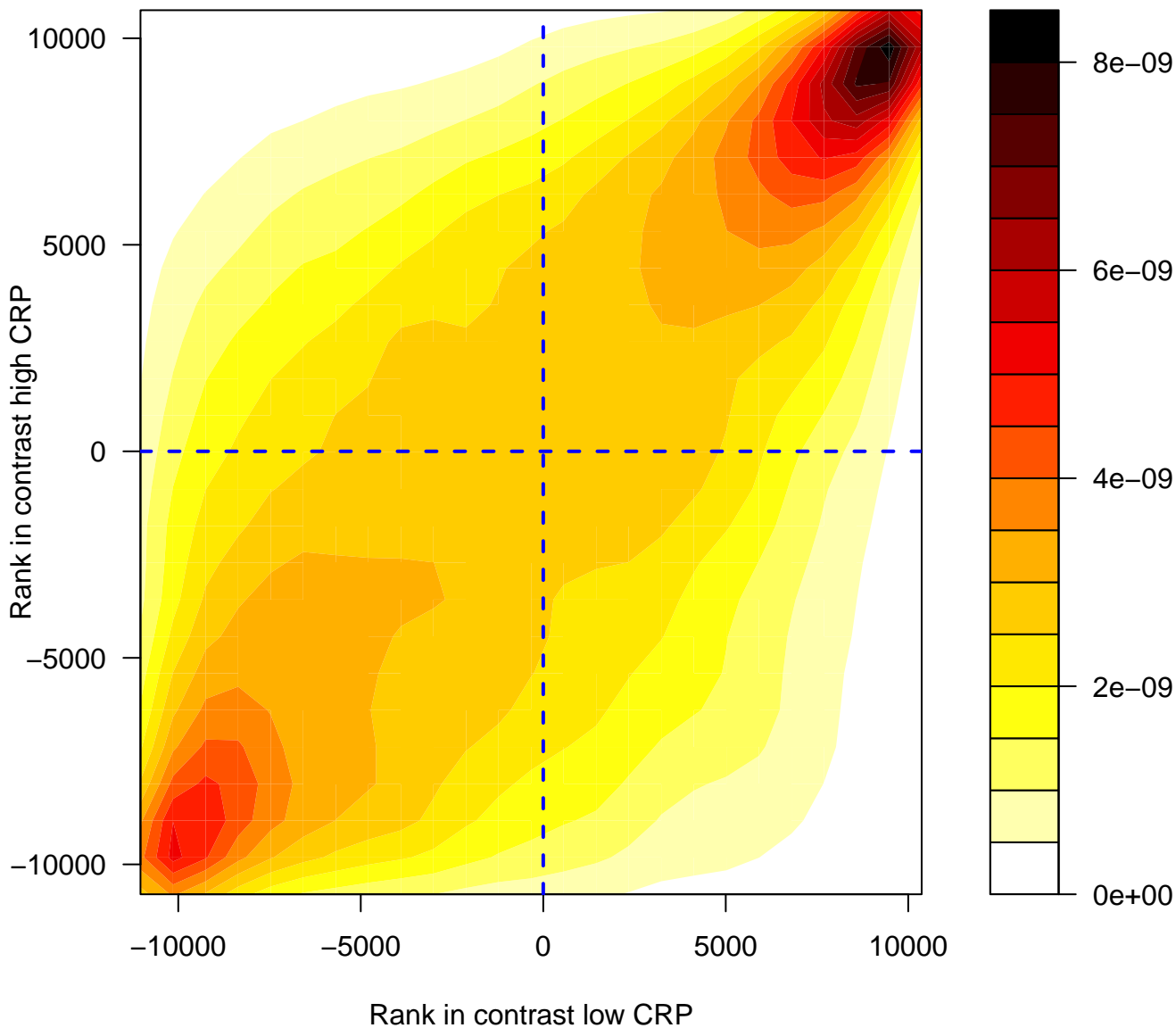


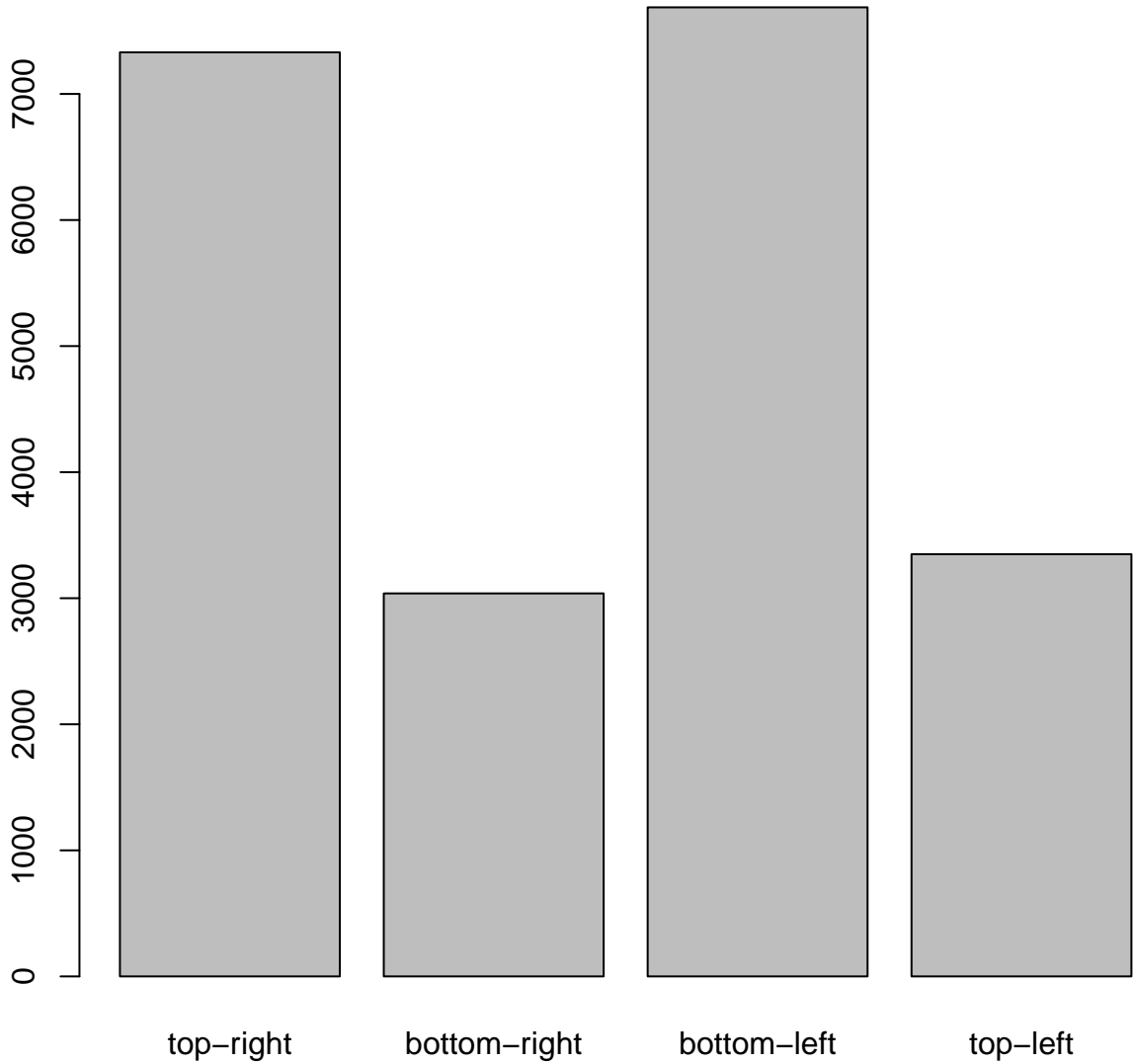
Scatterplot of all genes



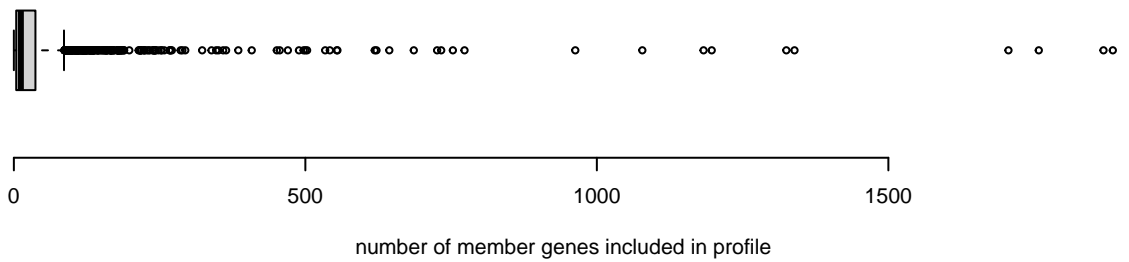
# Rank-rank plot of all genes



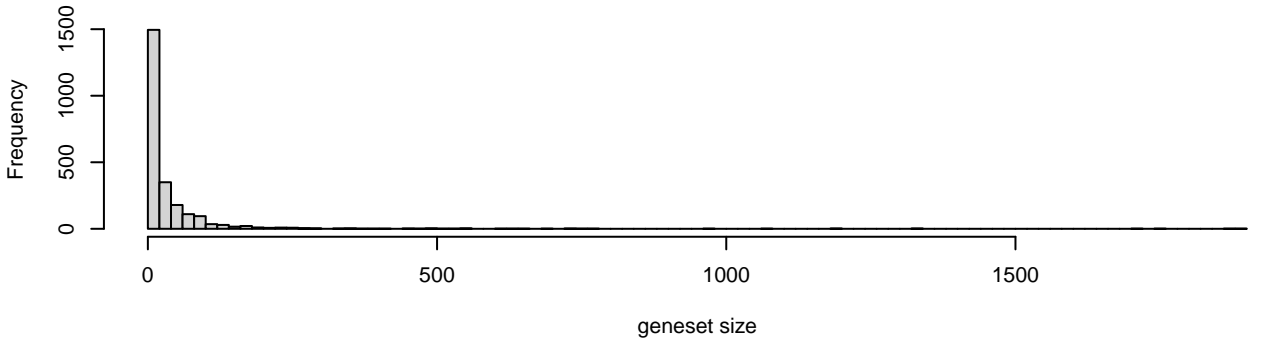
# number of genes in each quadrant



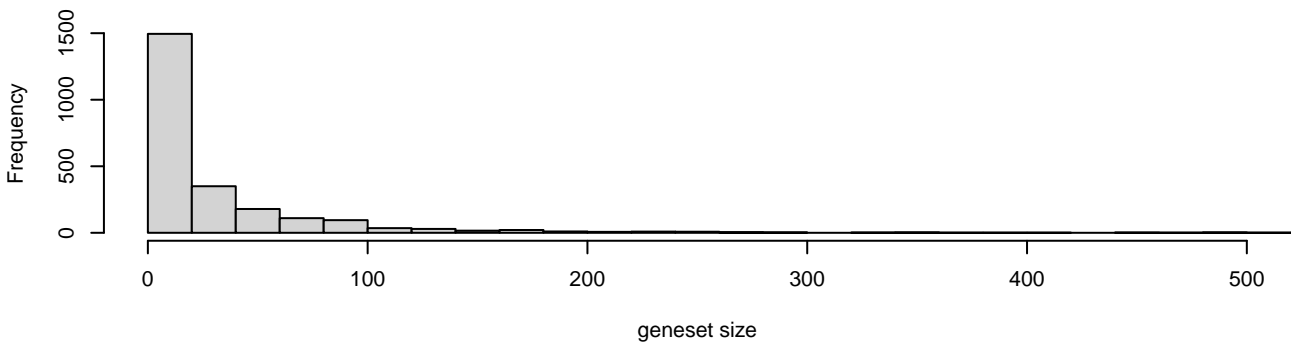
### Gene set size



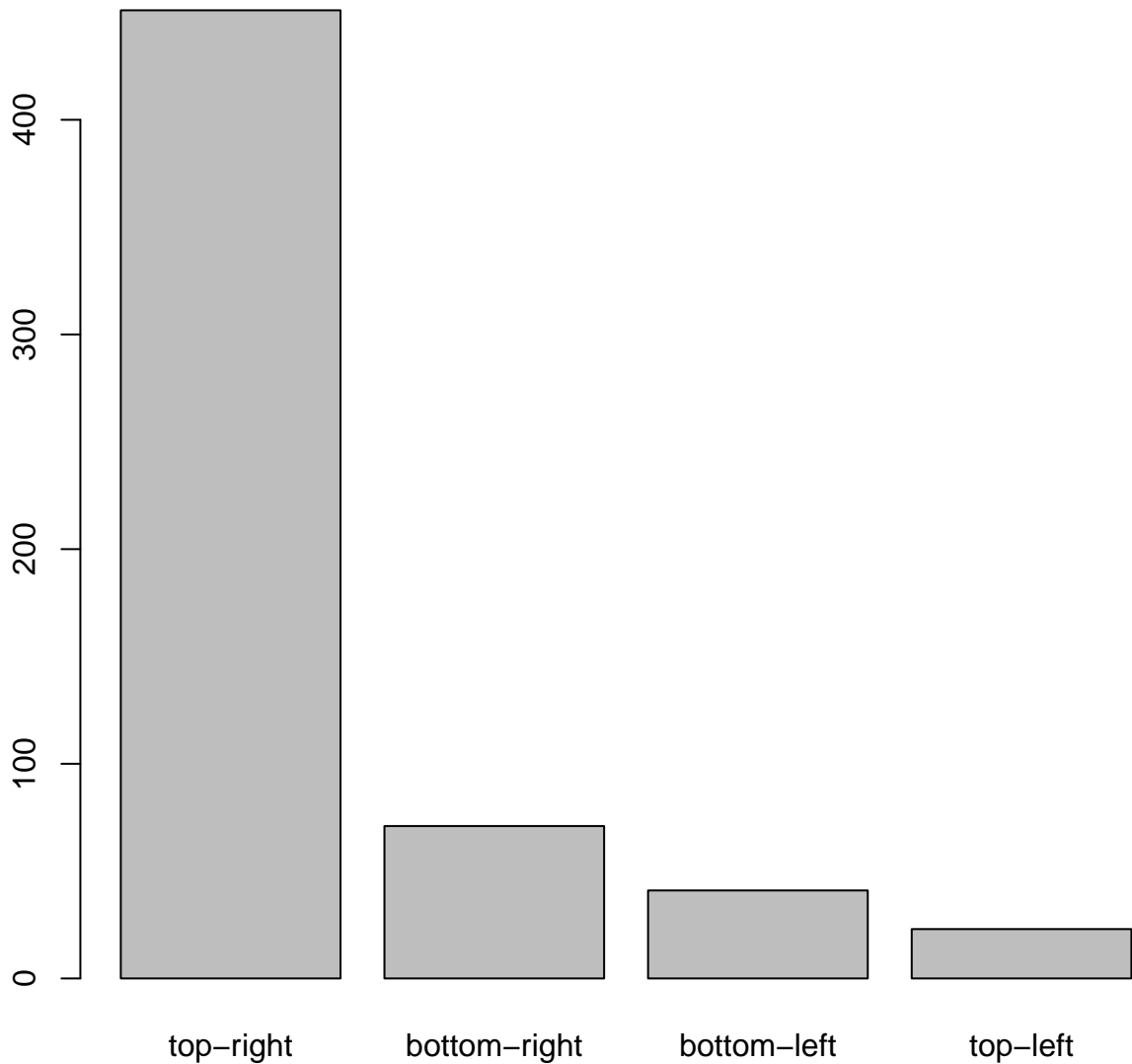
### Histogram of geneset size



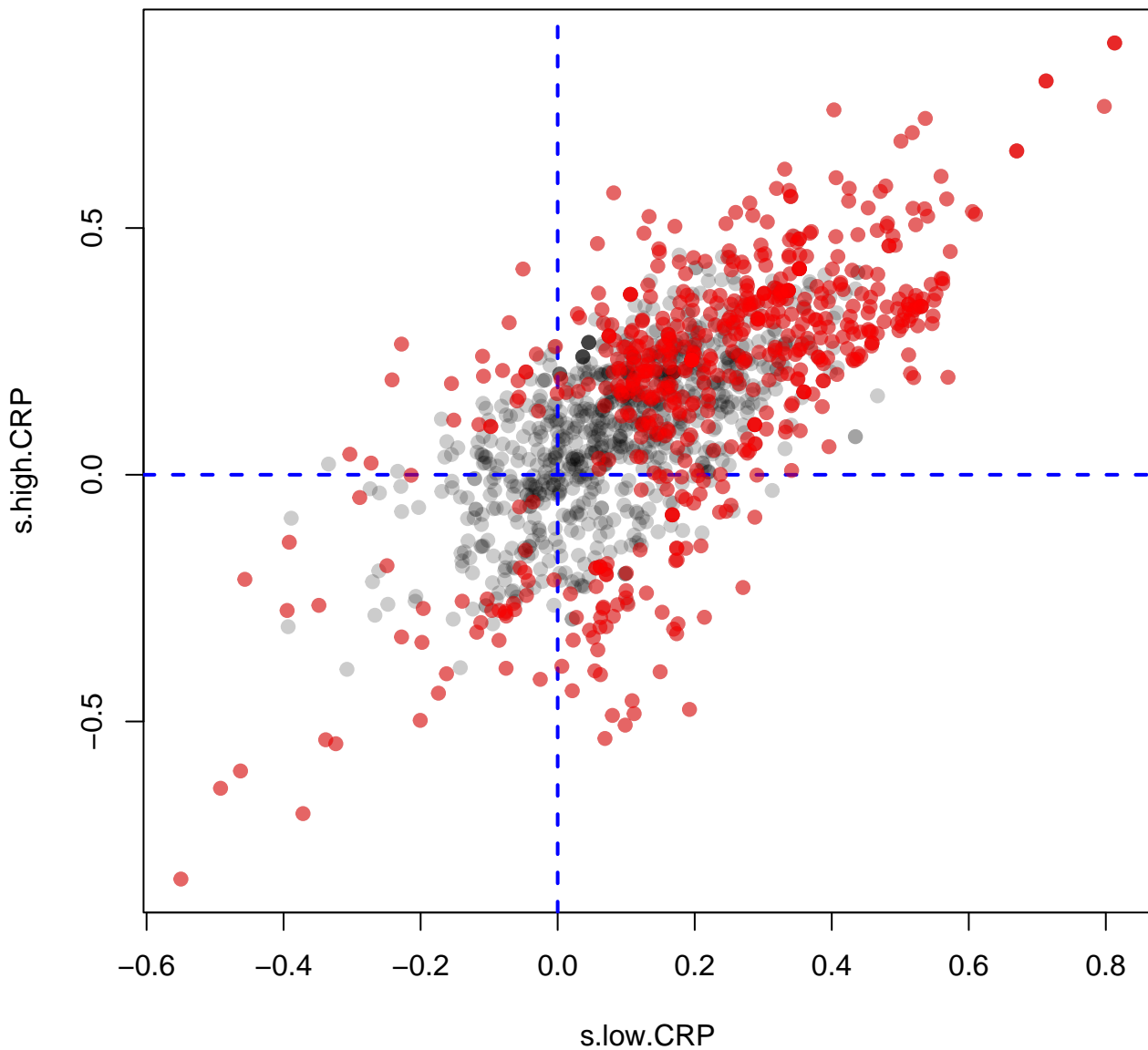
### Trimmed histogram of geneset size



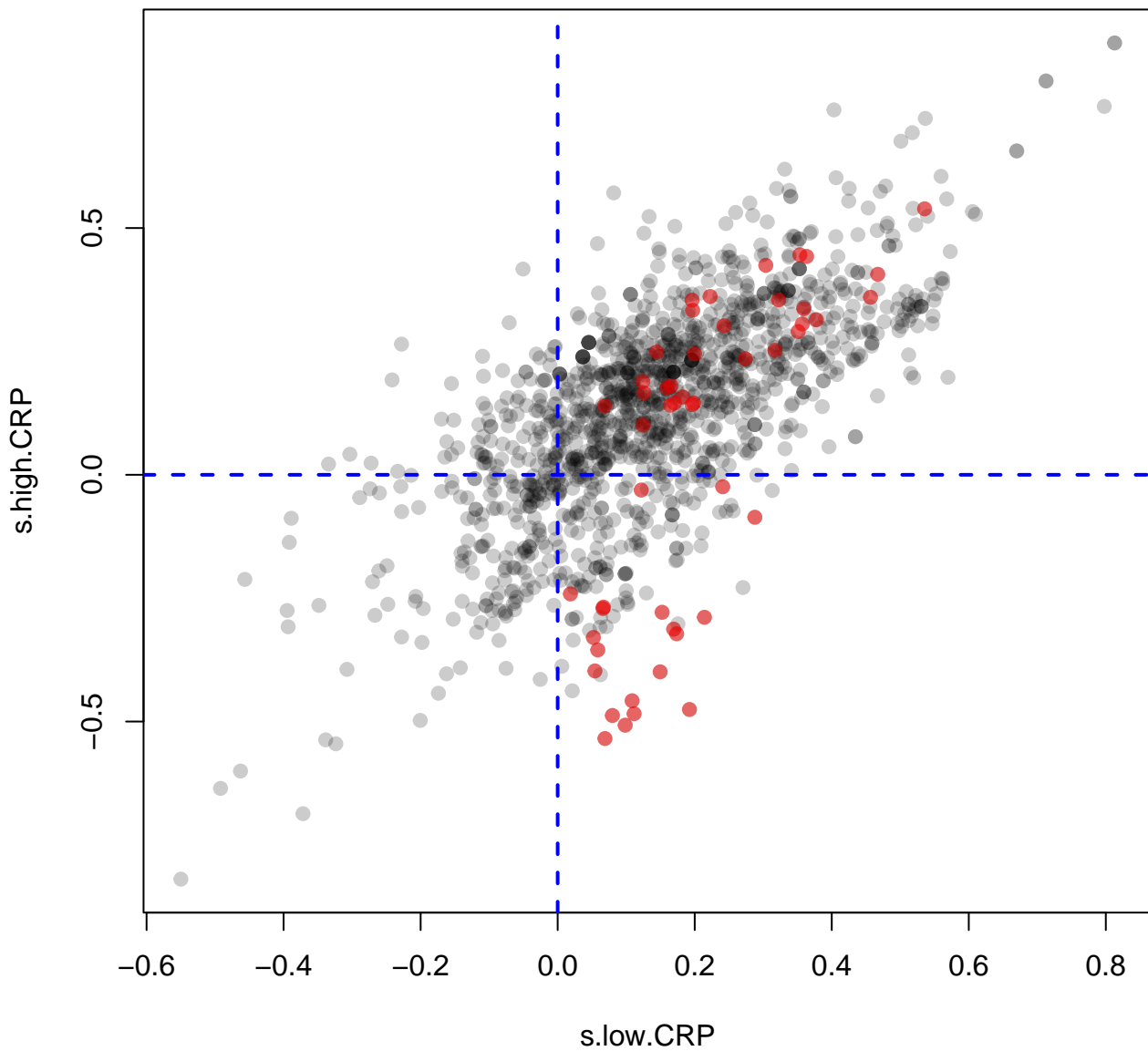
# number of genesets FDR<0.05



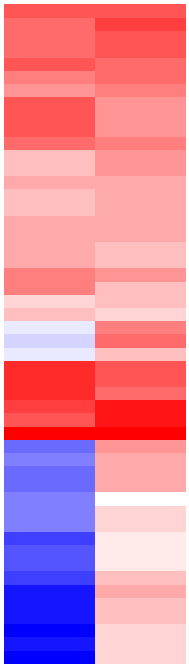
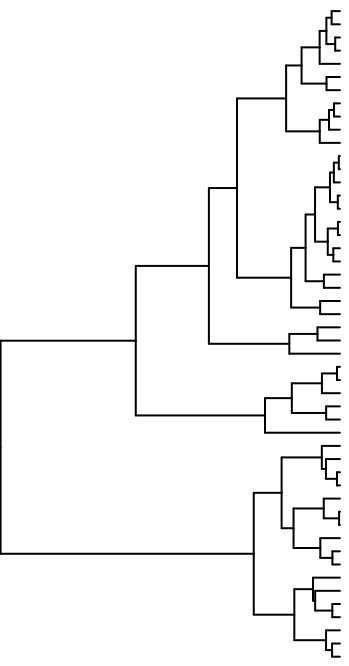
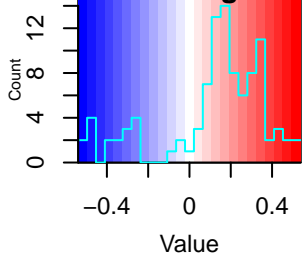
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



# Color Key and Histogram

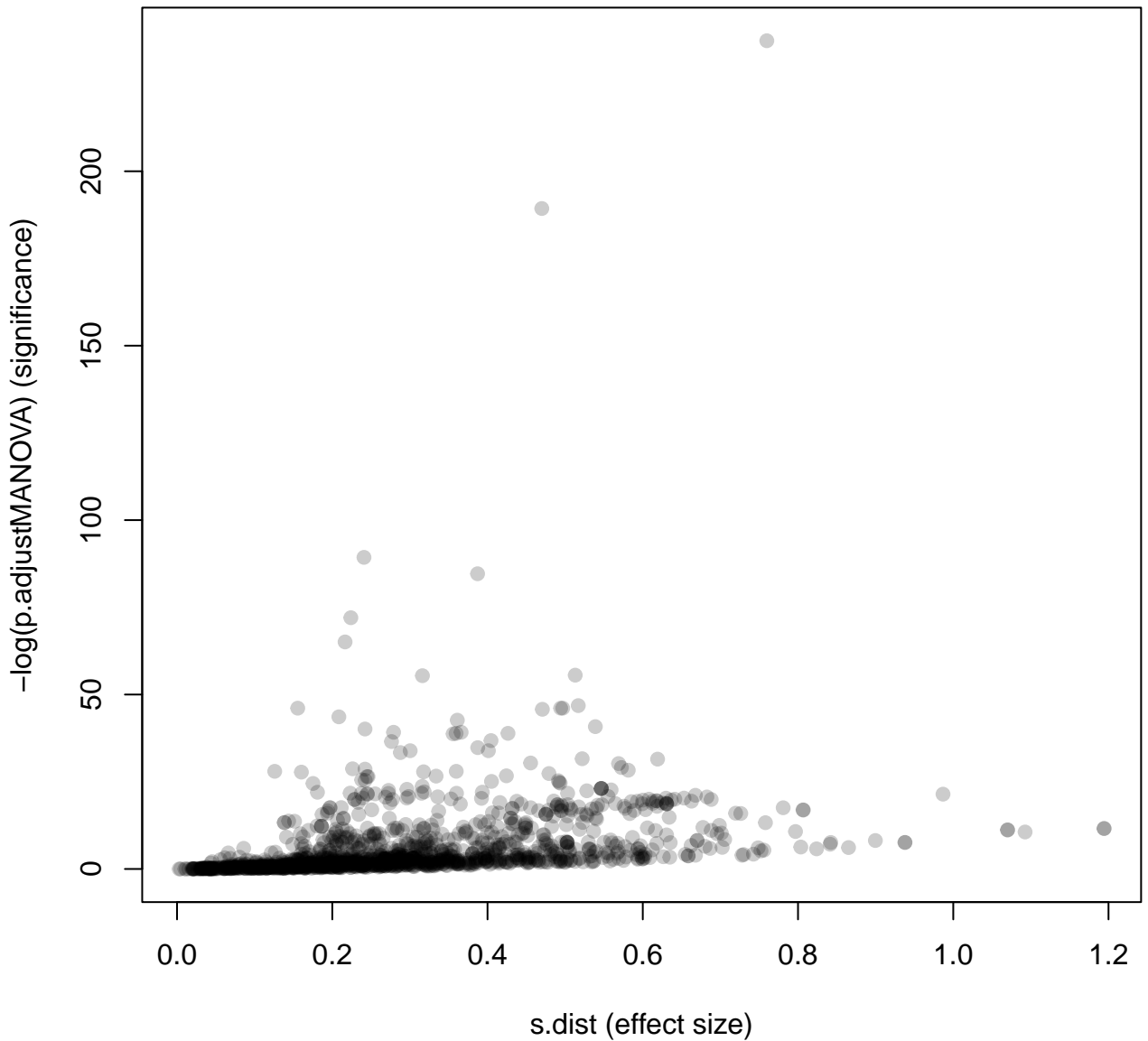


high.CRP  
low.CRP

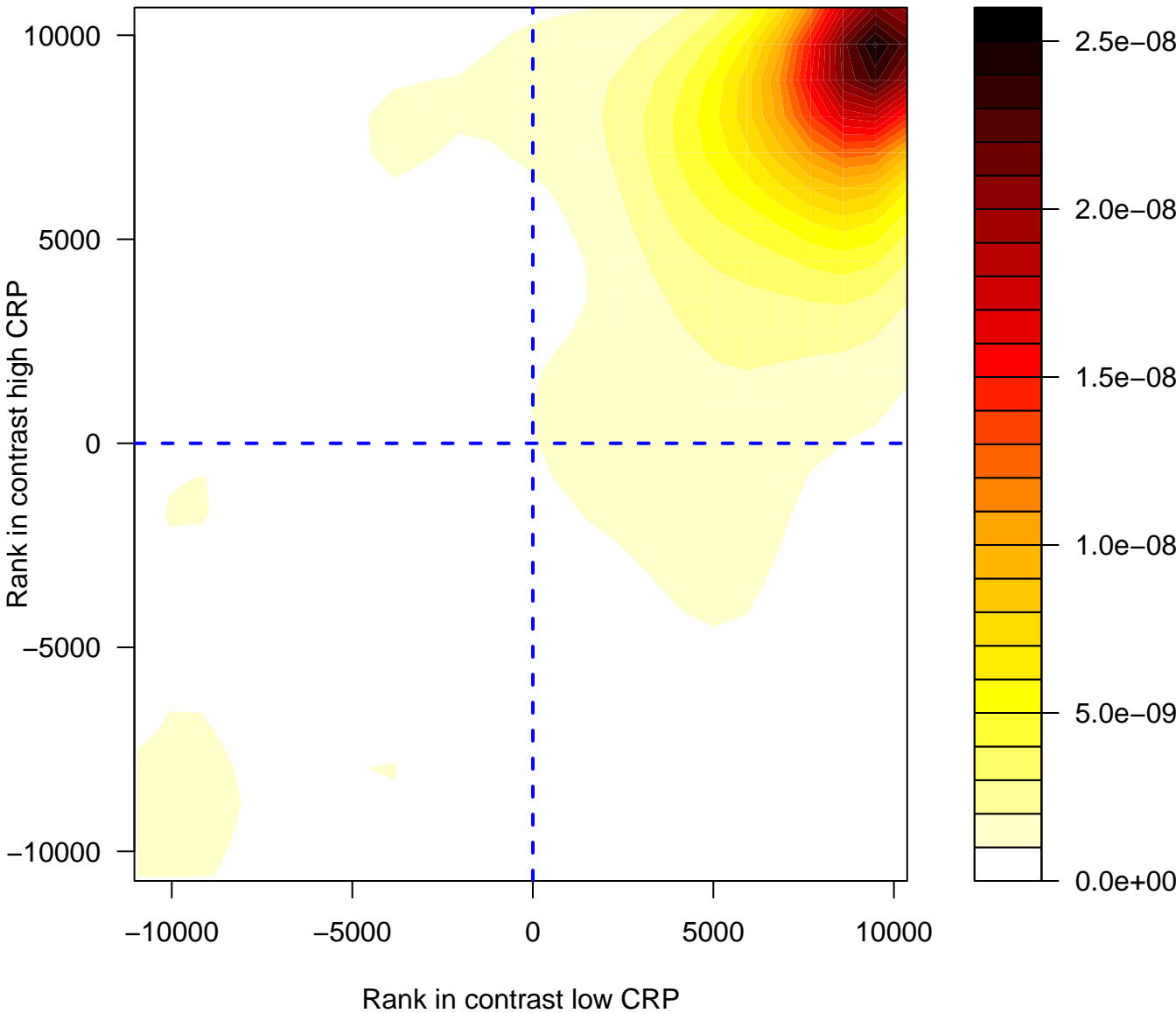
- Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and hea
- The citric acid (TCA) cycle and respiratory electron transport
- Programmed Cell Death
- Platelet activation, signaling and aggregation
- Transport to the Golgi and subsequent modification
- Cellular responses to external stimuli
- Immune System
- Metabolism of proteins
- Transport of small molecules
- Post-translational protein modification
- Signaling by Receptor Tyrosine Kinases
- Signal Transduction
- FCER1 mediated NF-kB activation
- Platelet degranulation
- ER to Golgi Anterograde Transport
- Antigen processing-Cross presentation
- Binding and Uptake of Ligands by Scavenger Receptors
- Complement cascade
- rRNA processing
- rRNA processing in the nucleus and cytosol
- FCGR3A-mediated IL10 synthesis
- Role of LAT2/NTAL/LAB on calcium mobilization
- Initial triggering of complement
- CD22 mediated BCR regulation
- Classical antibody-mediated complement activation



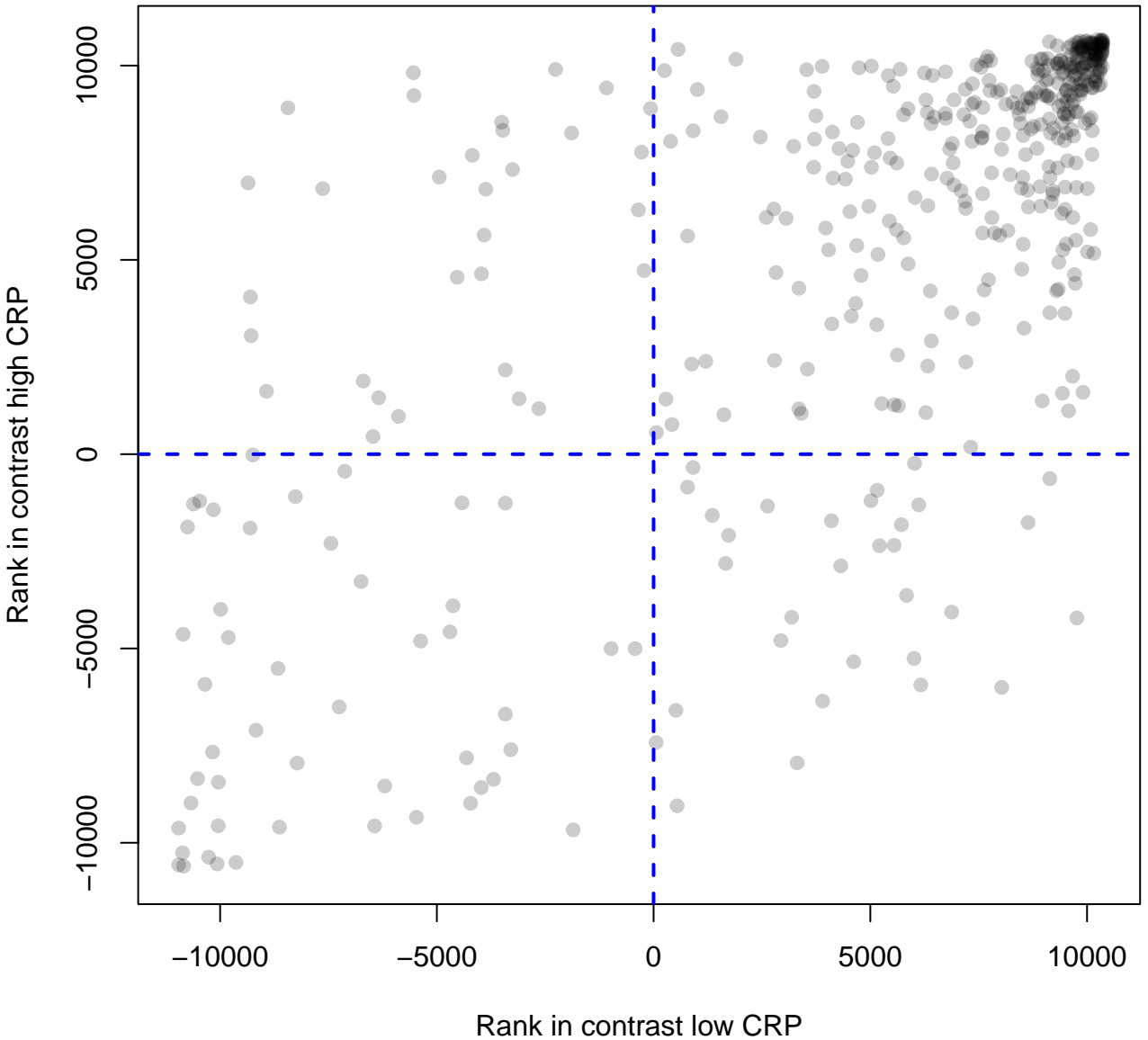
# effect size versus statistical significance



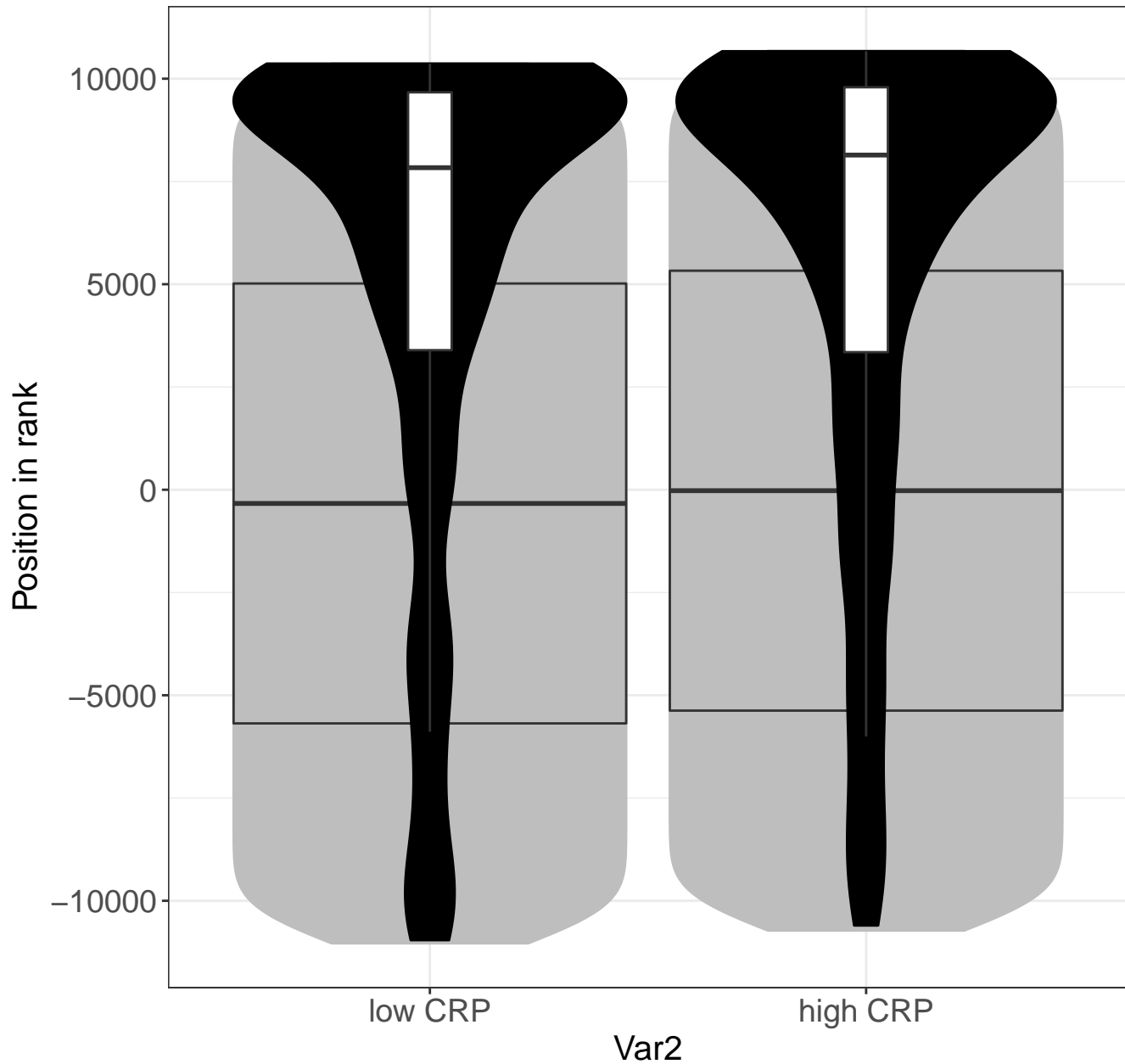
# Neutrophil degranulation



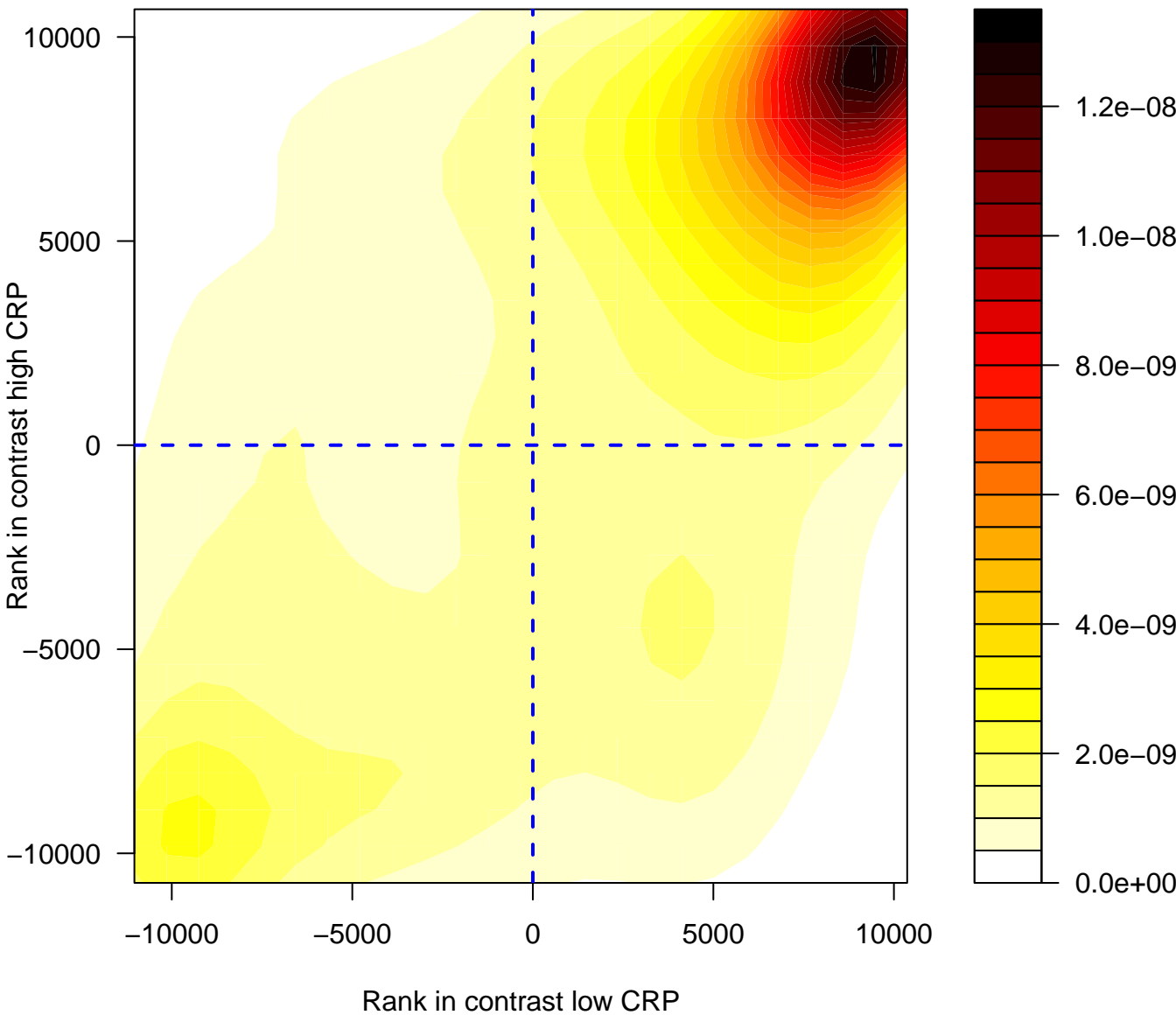
# Neutrophil degranulation



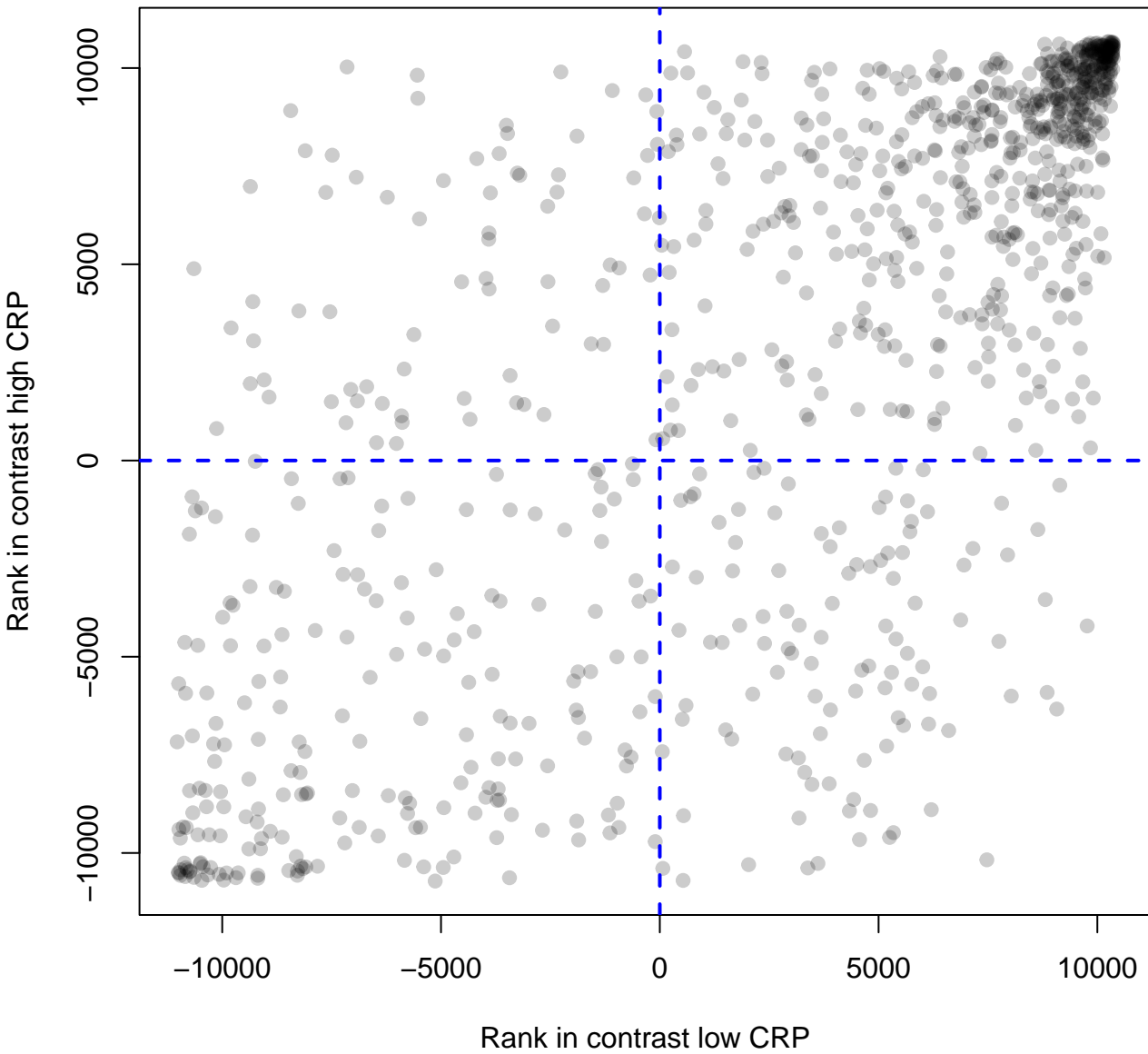
# Neutrophil degranulation



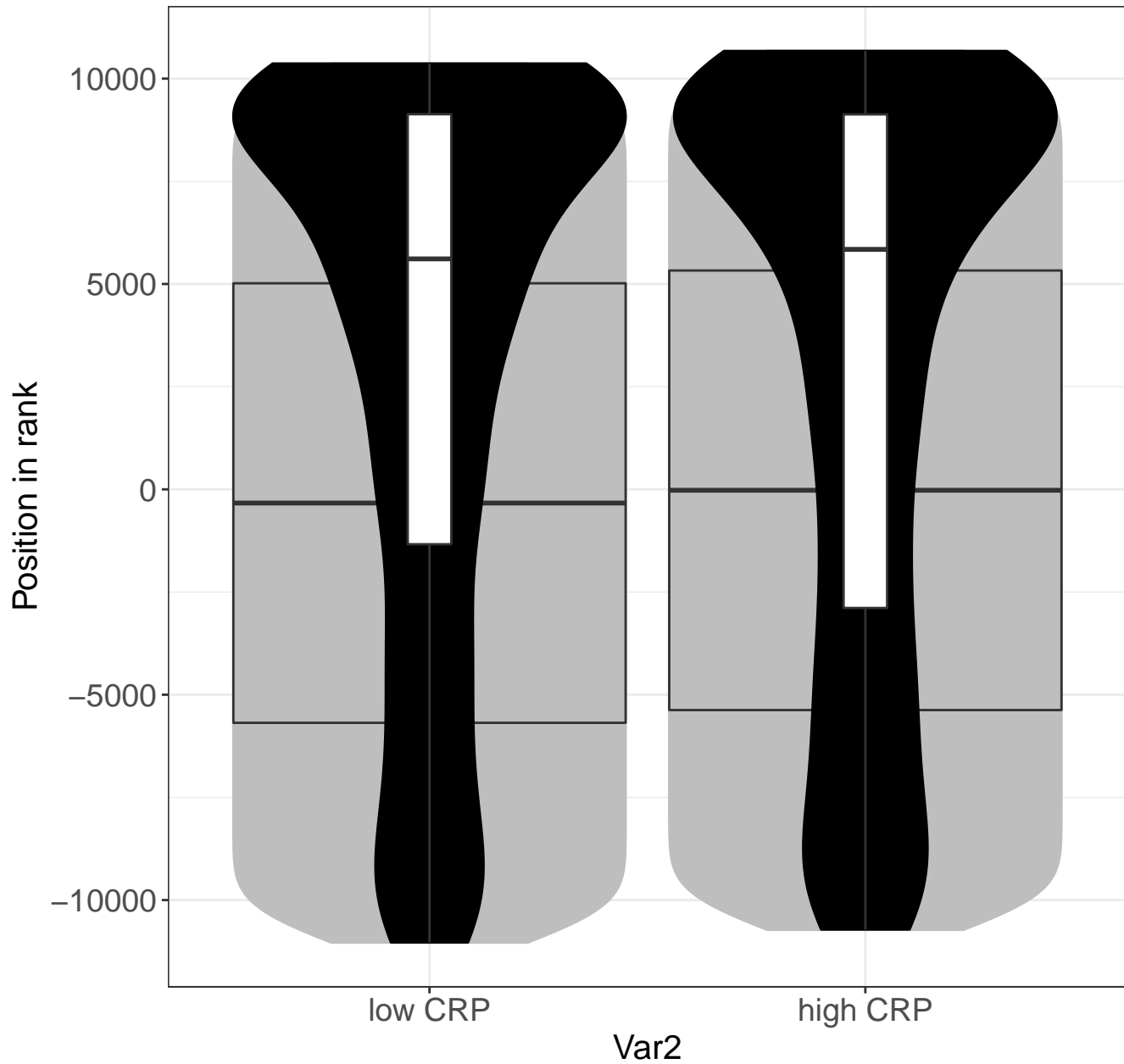
# Innate Immune System



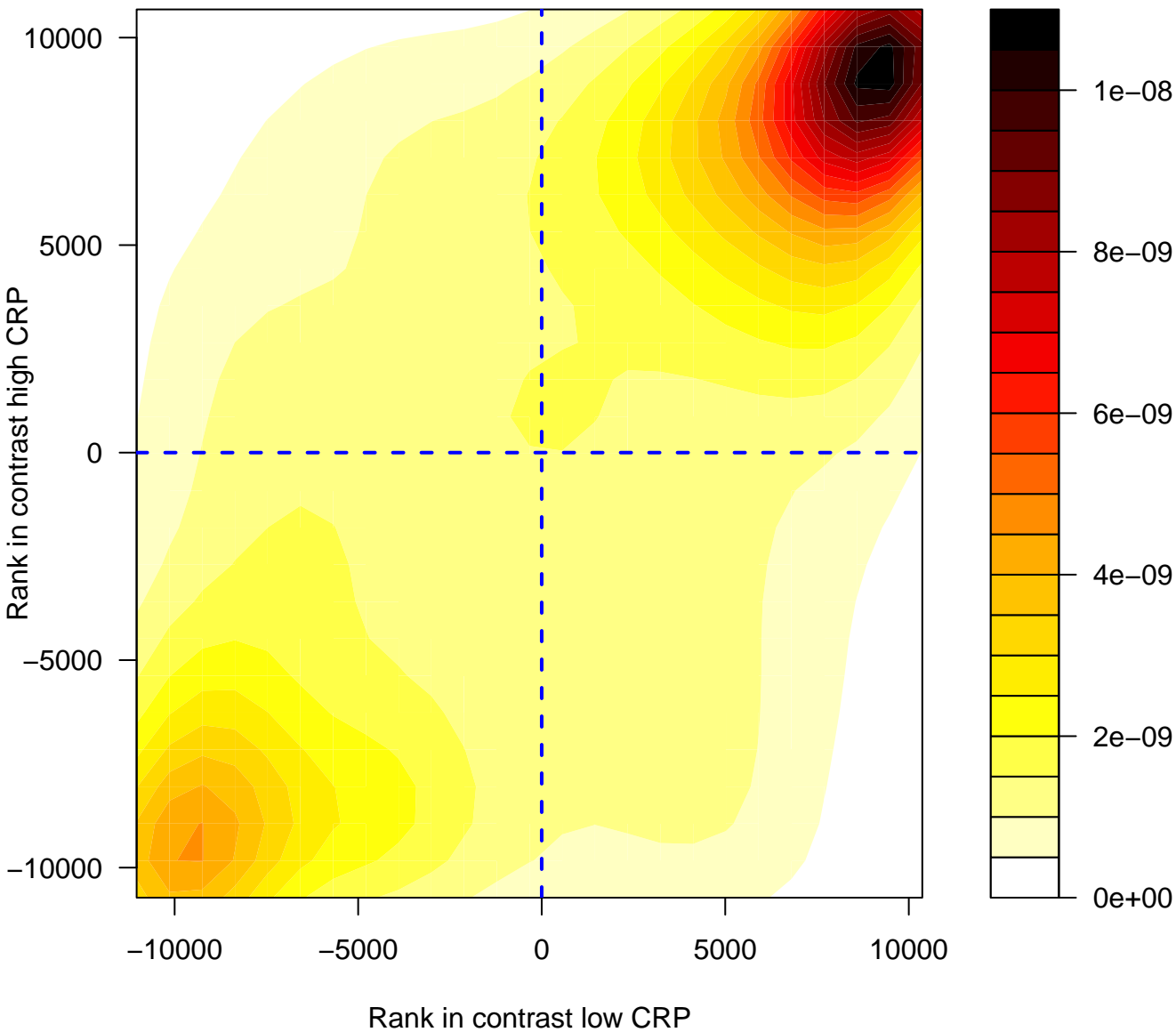
# Innate Immune System



# Innate Immune System

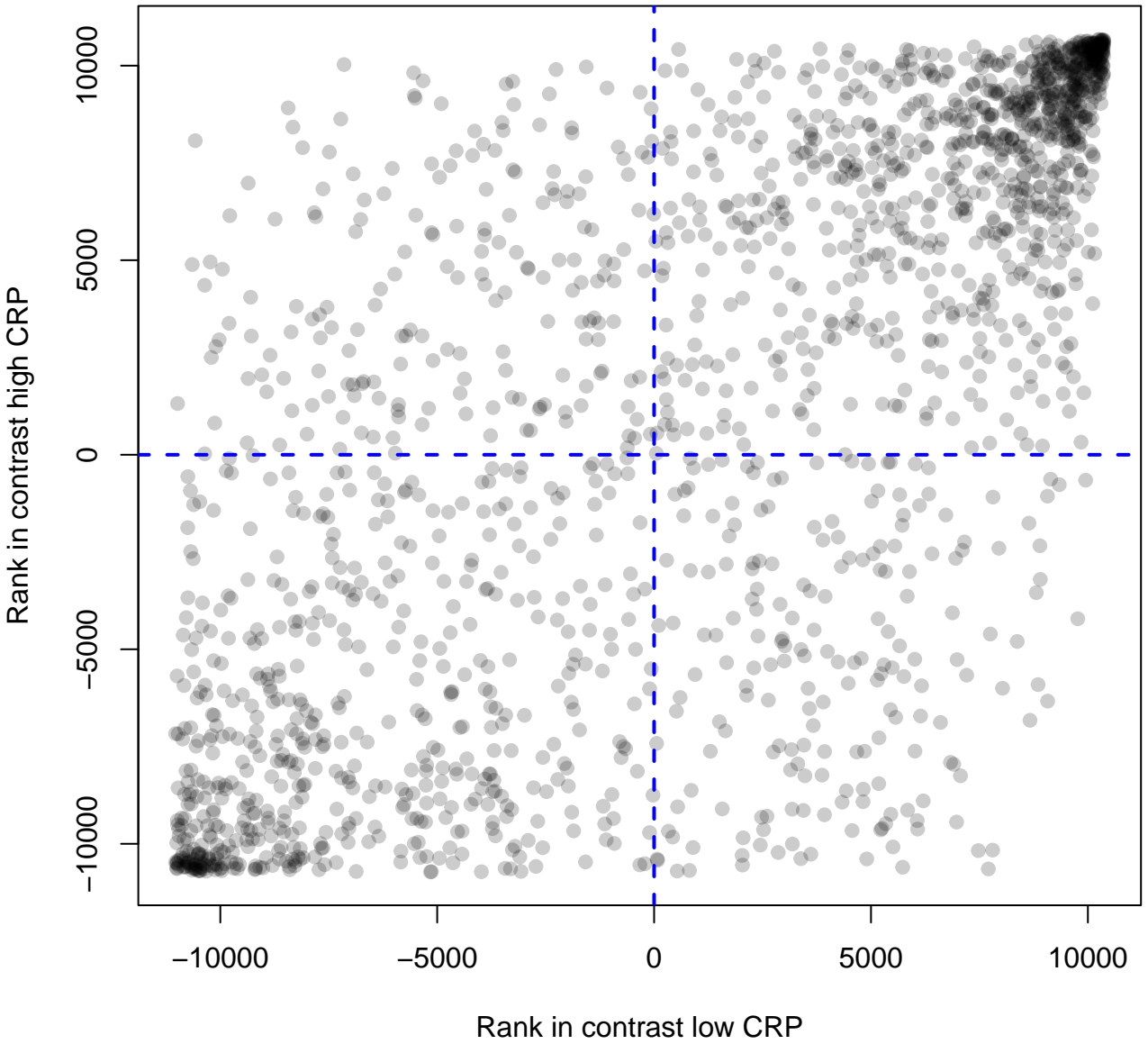


# Immune System

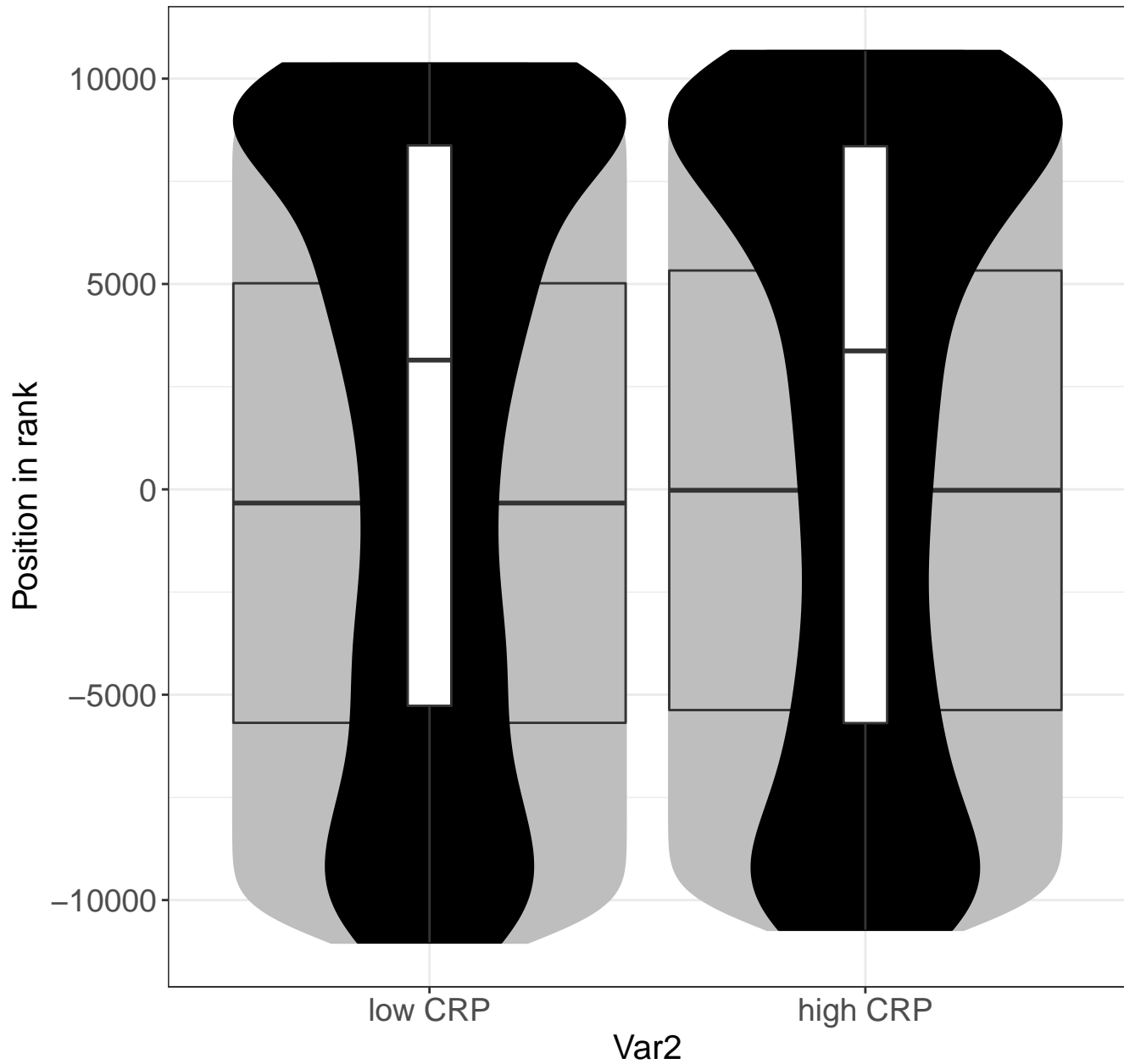




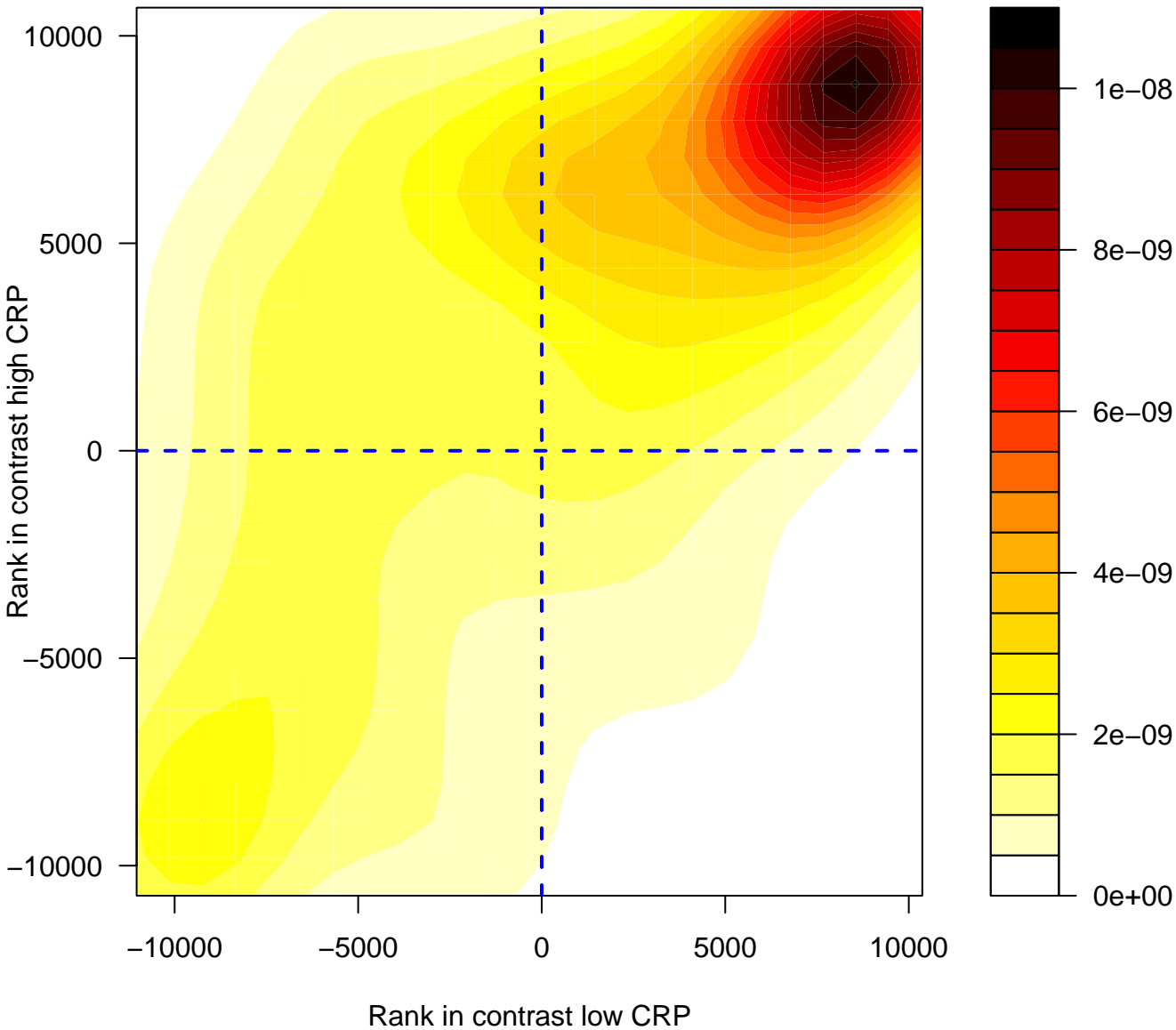
# Immune System



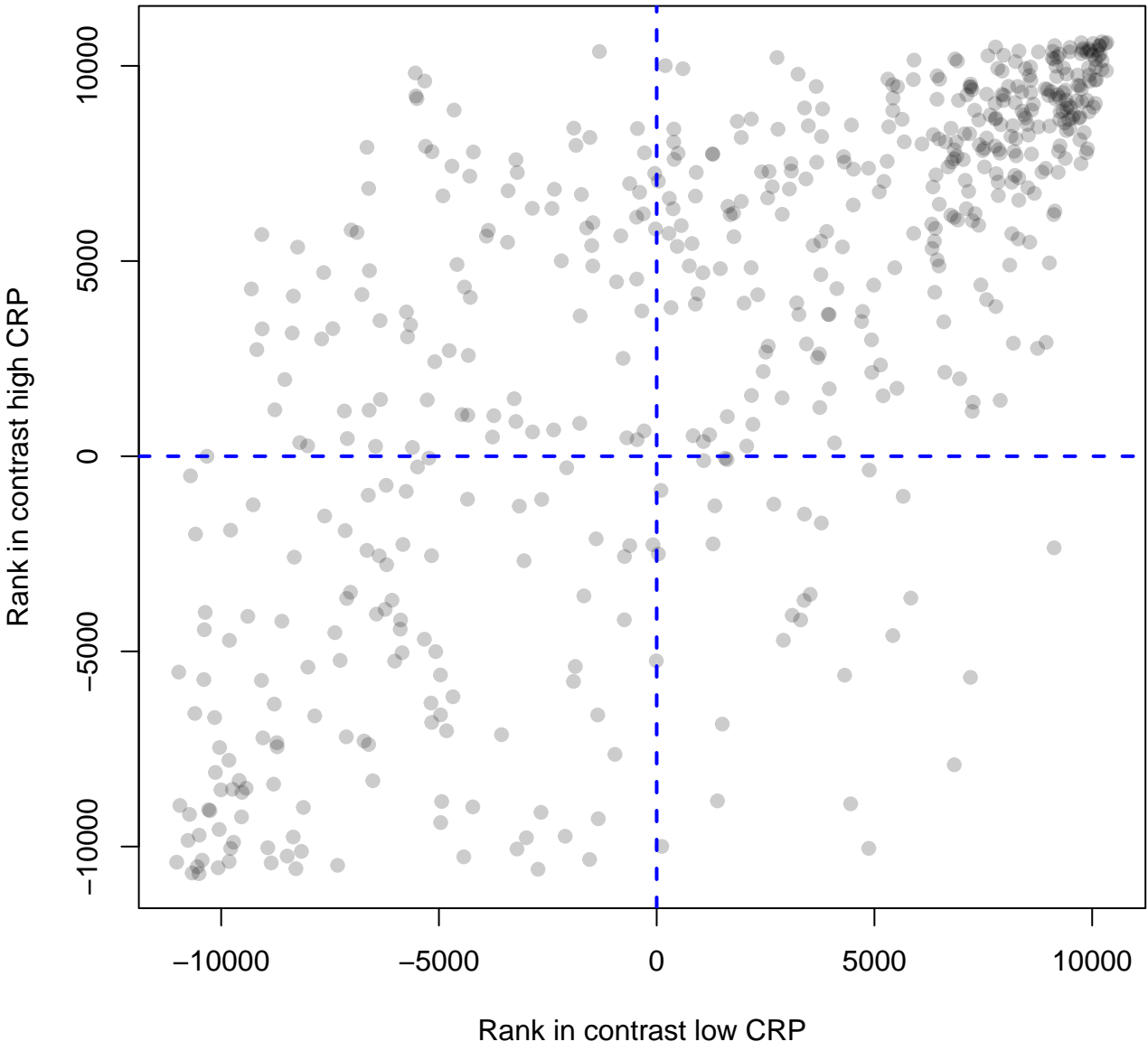
# Immune System



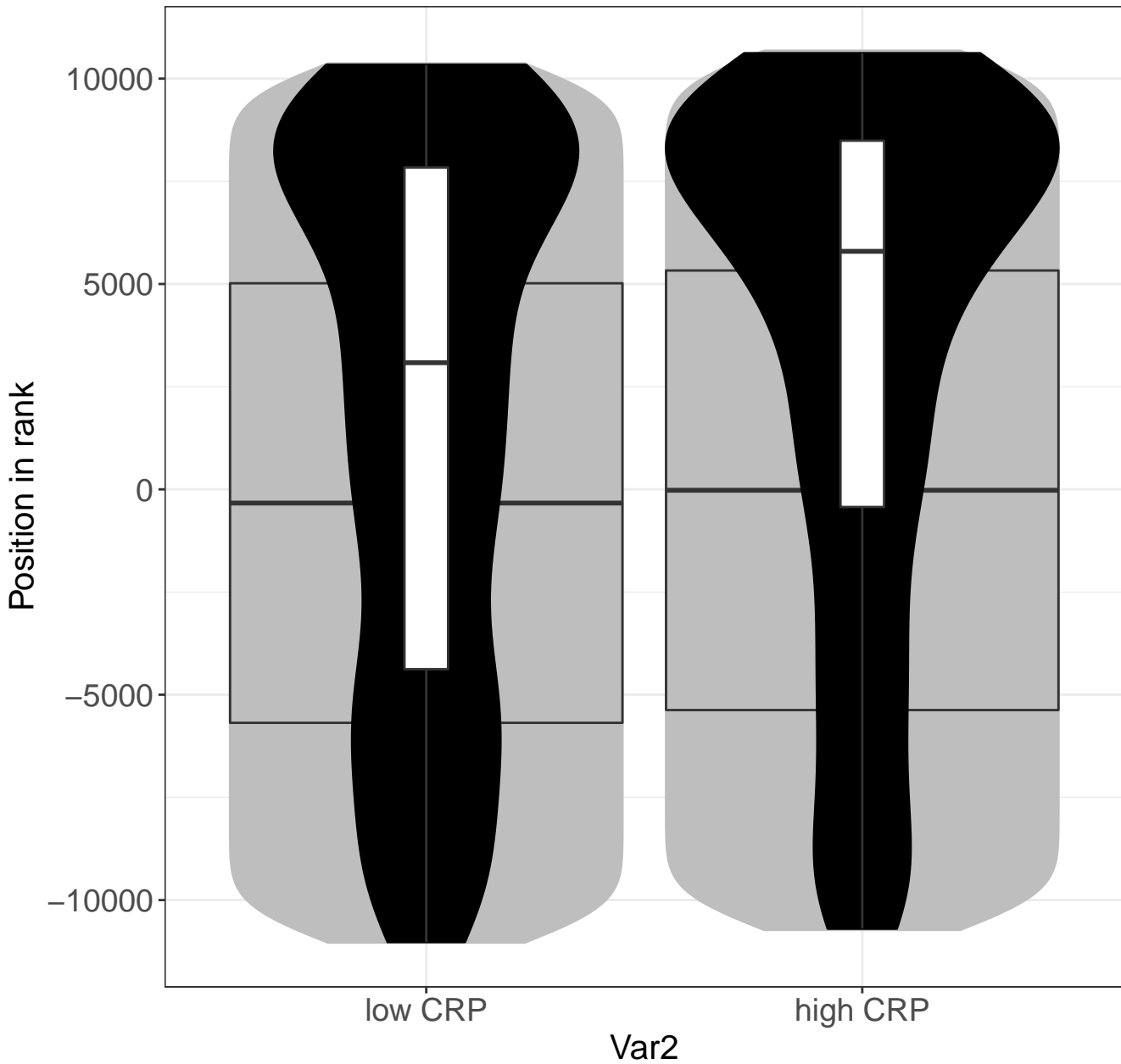
# Membrane Trafficking



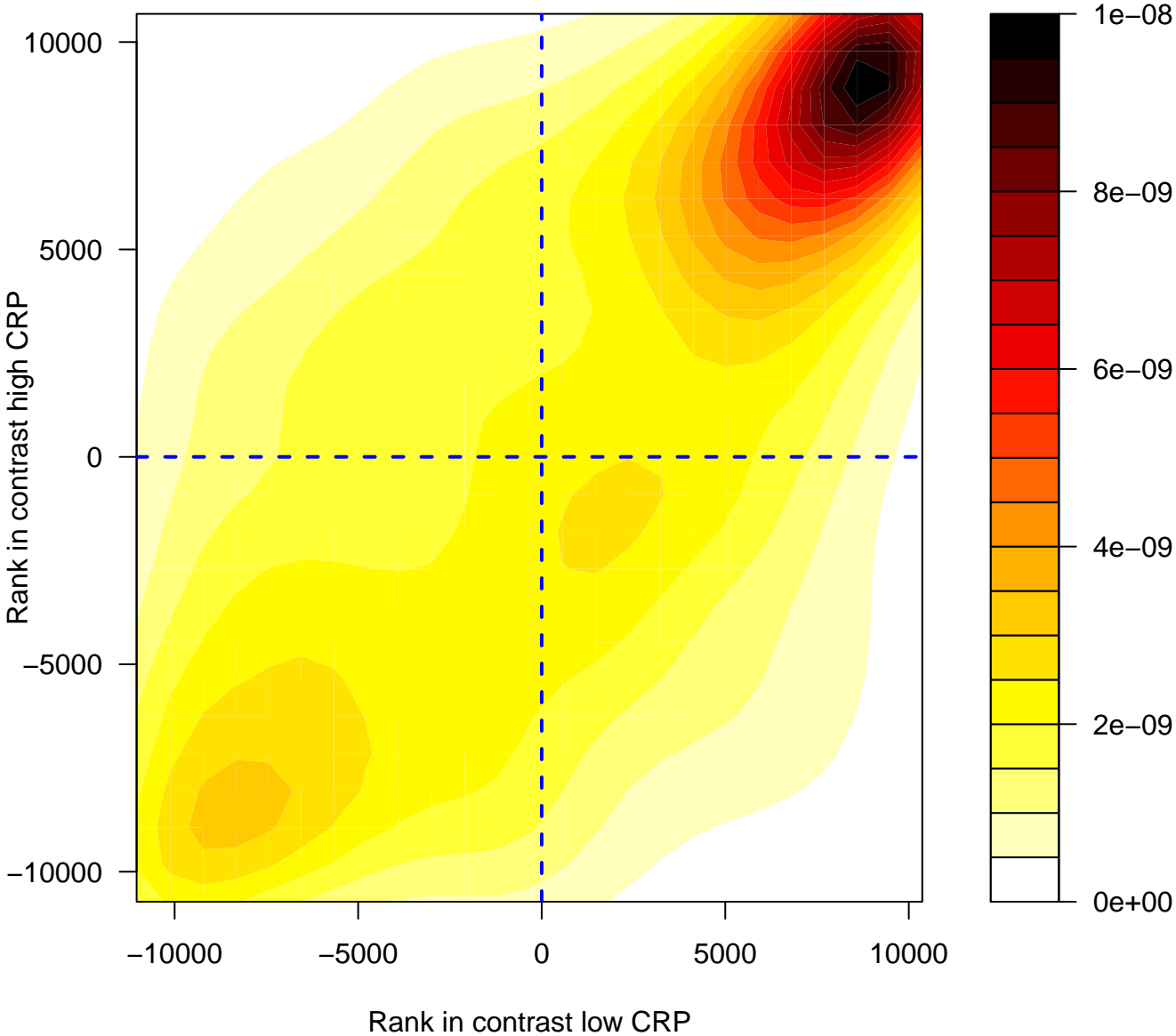
# Membrane Trafficking



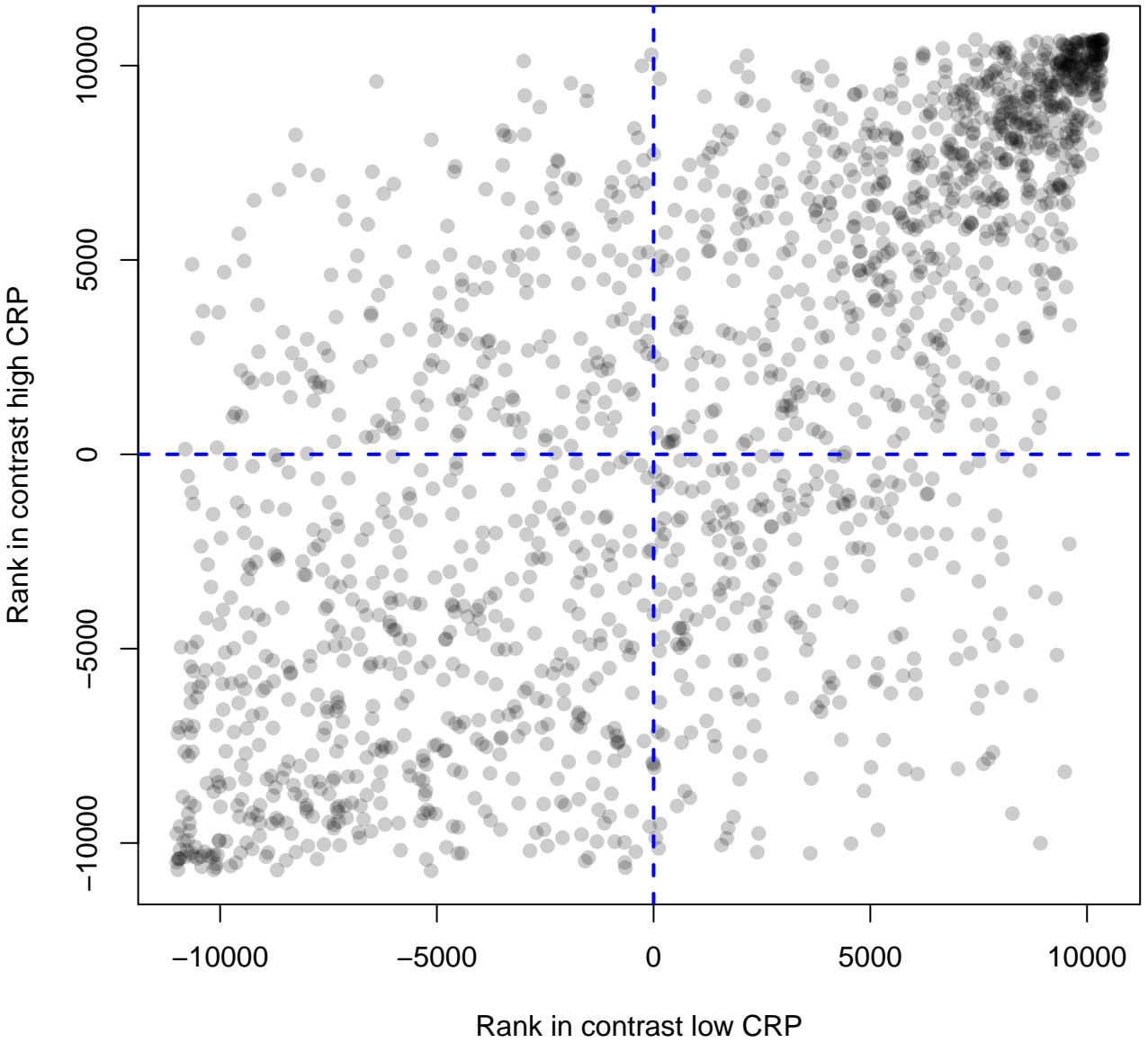
# Membrane Trafficking



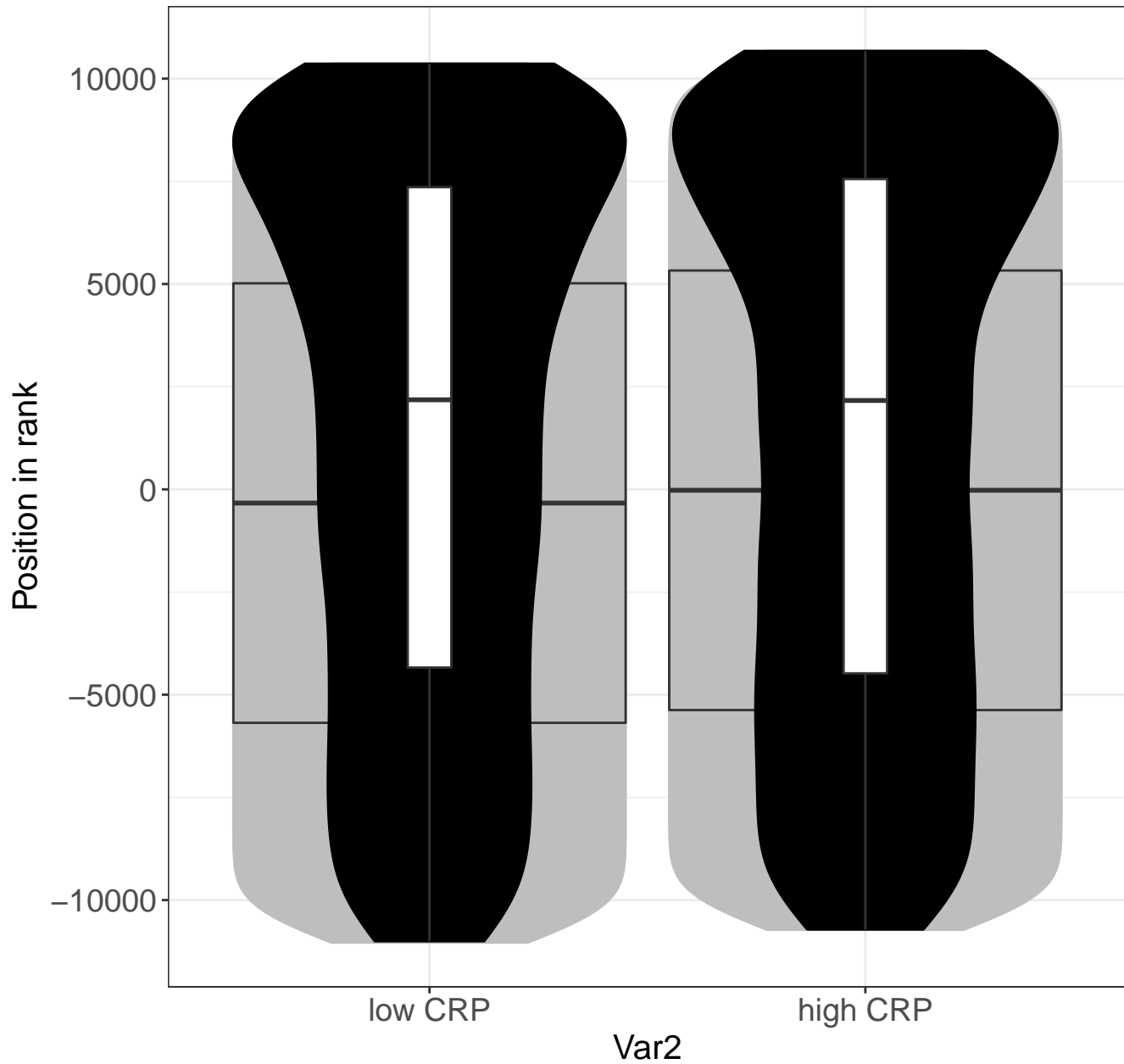
# Metabolism



# Metabolism

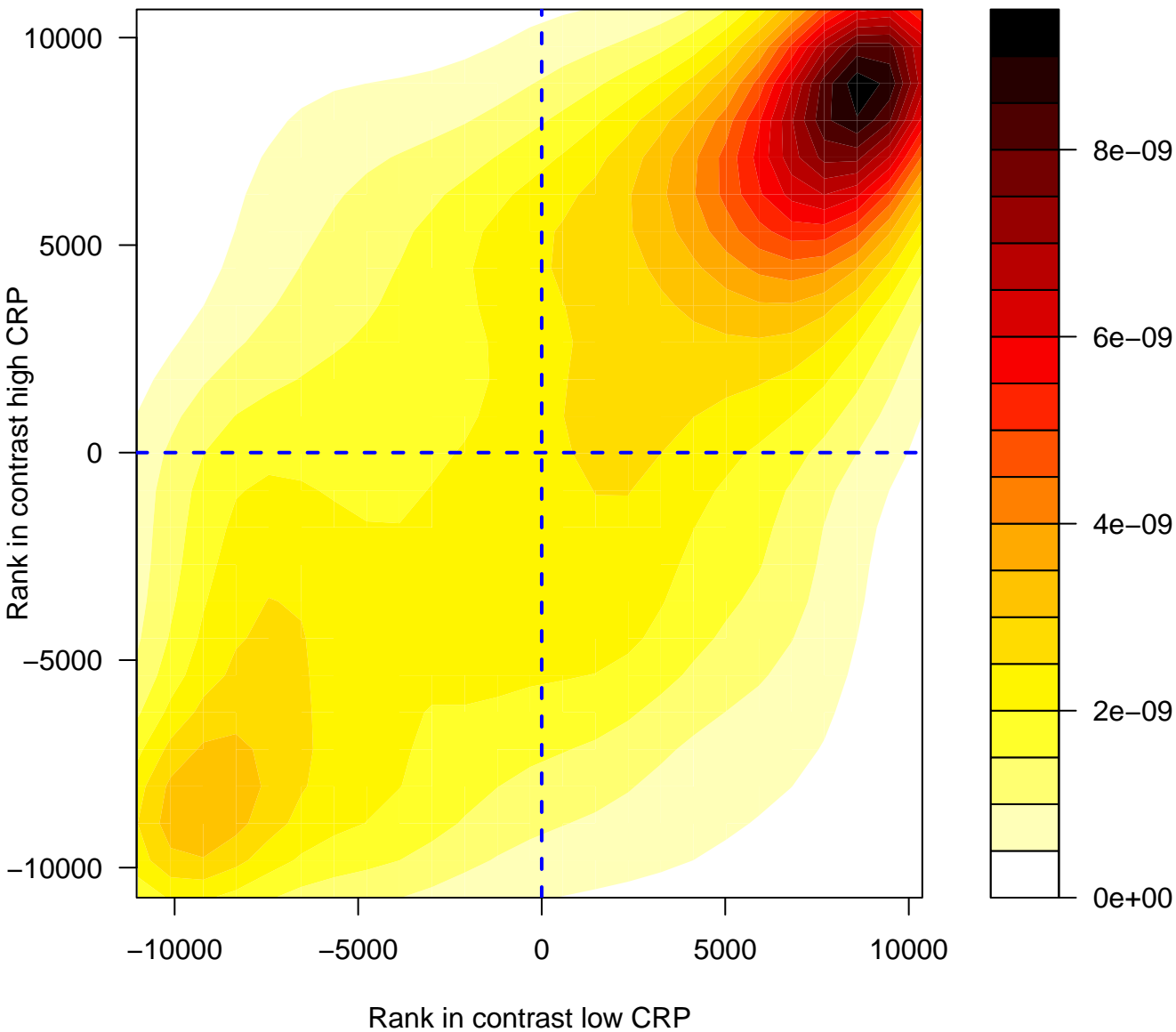


# Metabolism

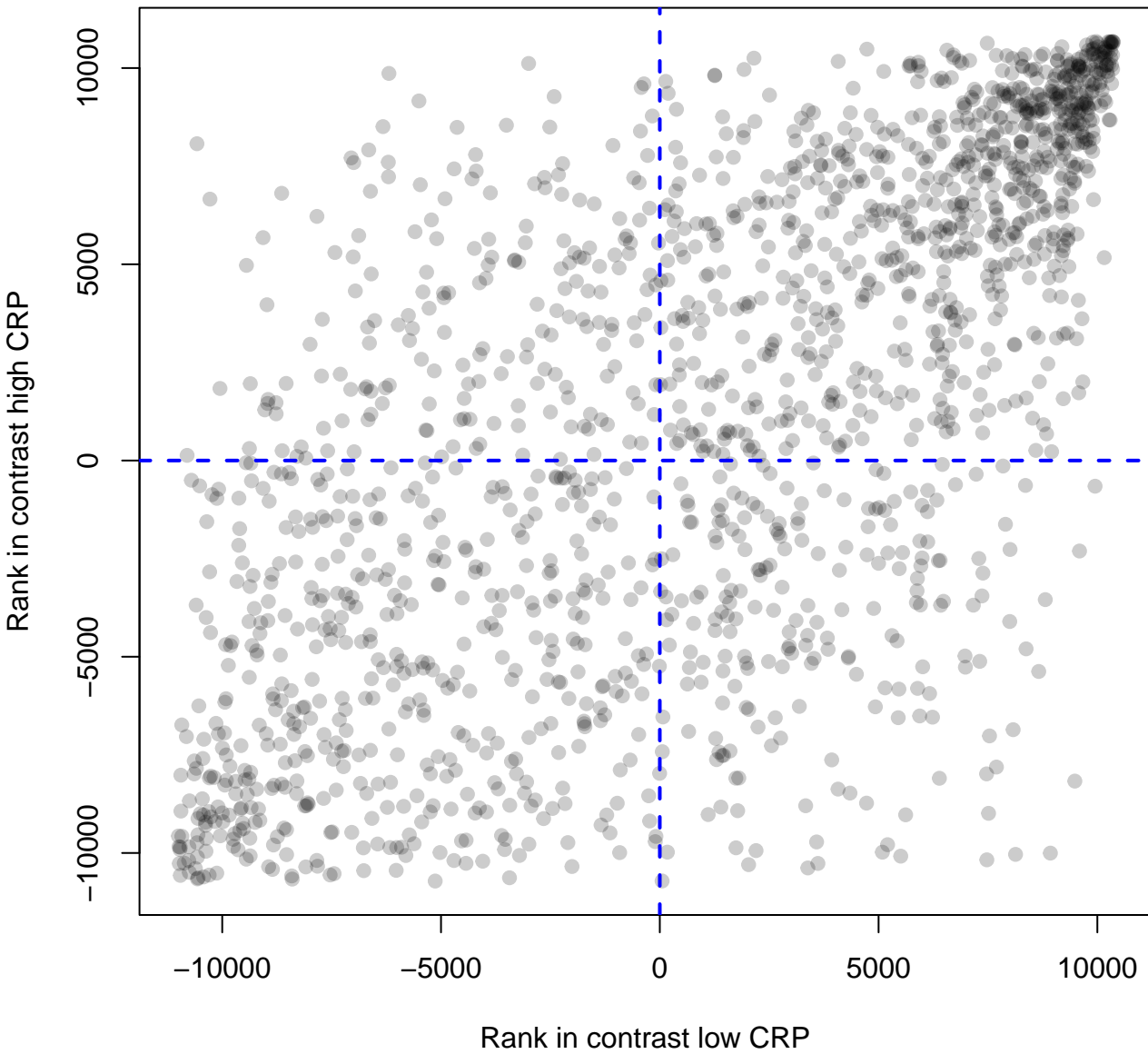




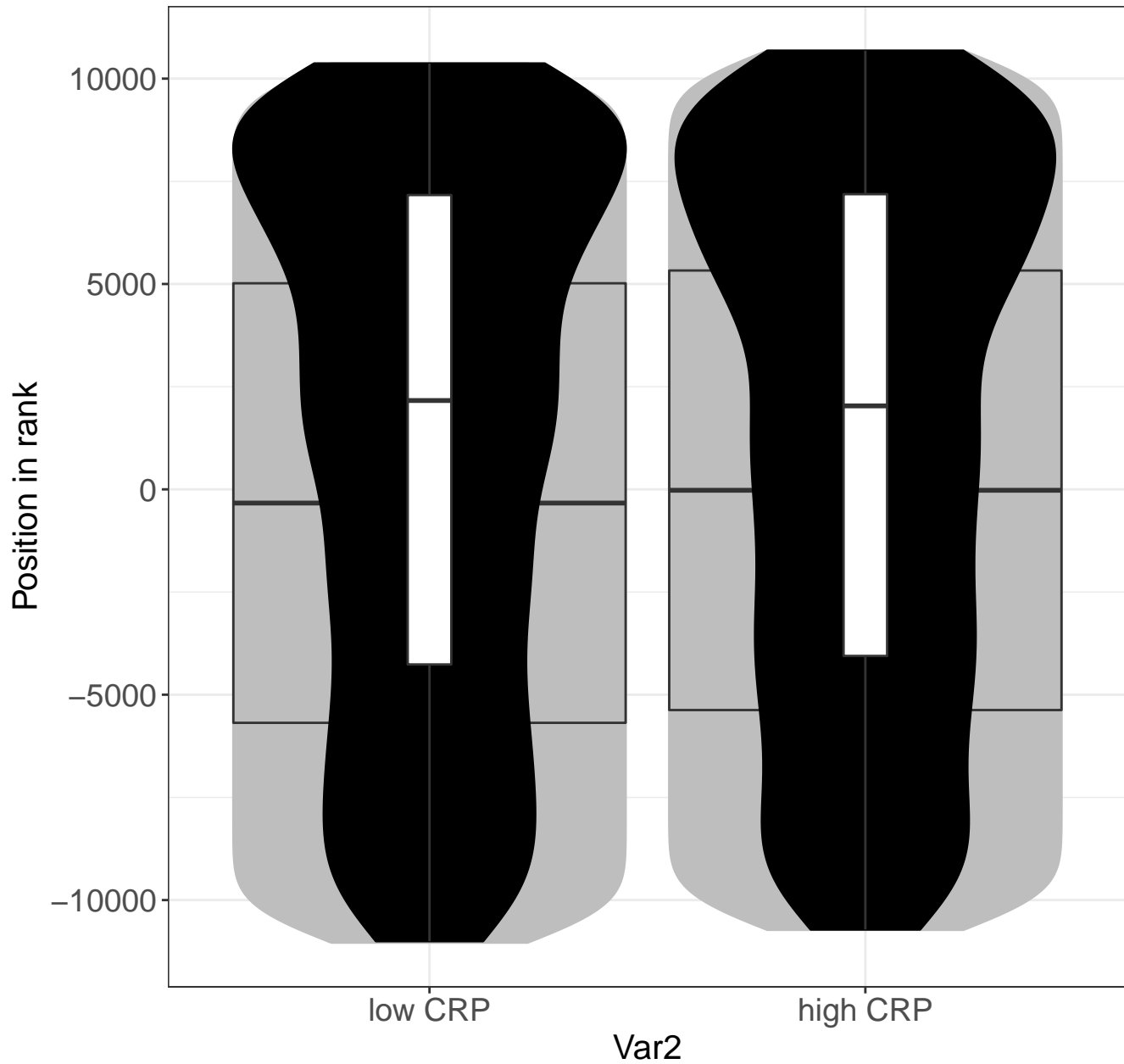
# Metabolism of proteins



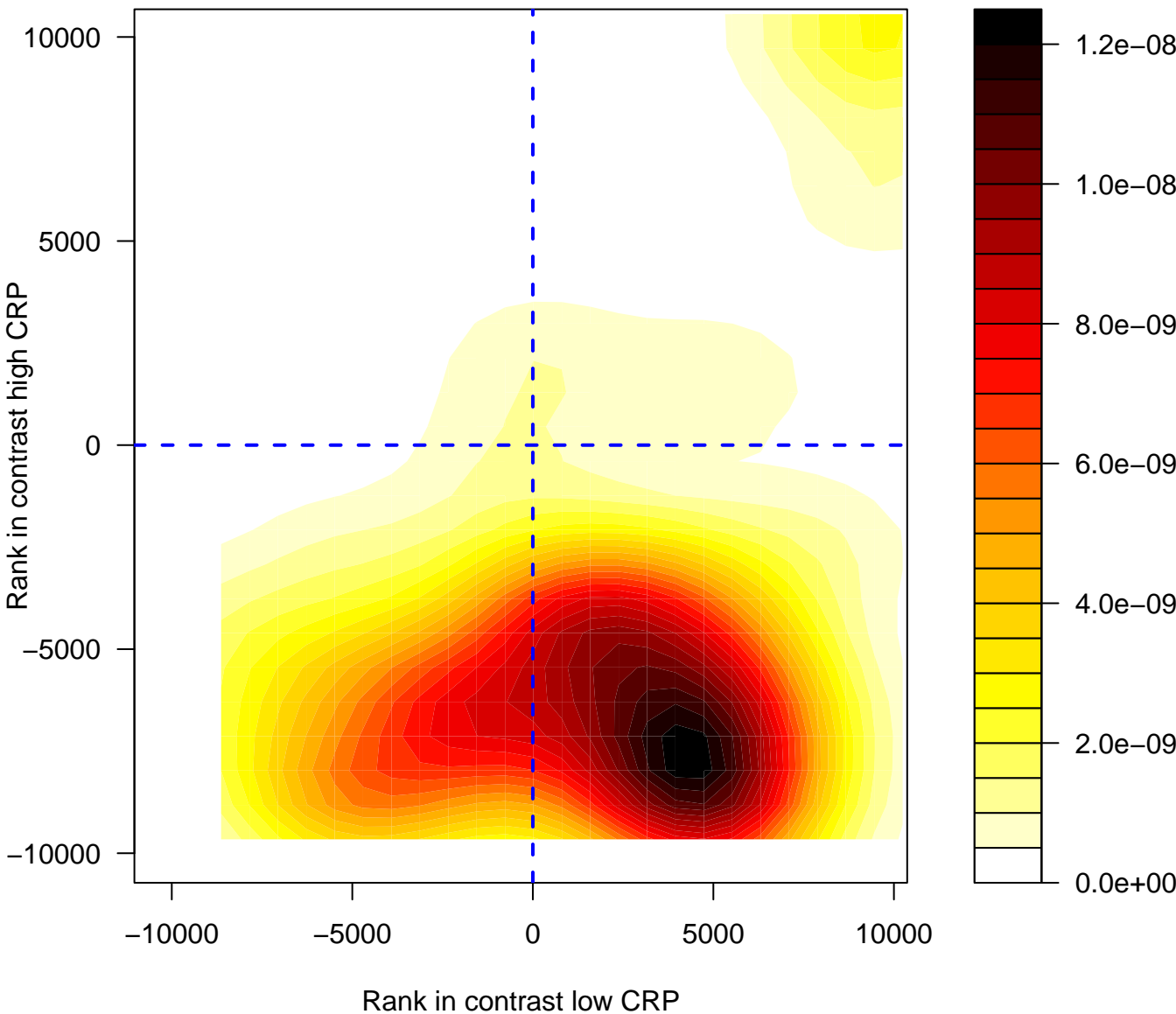
# Metabolism of proteins



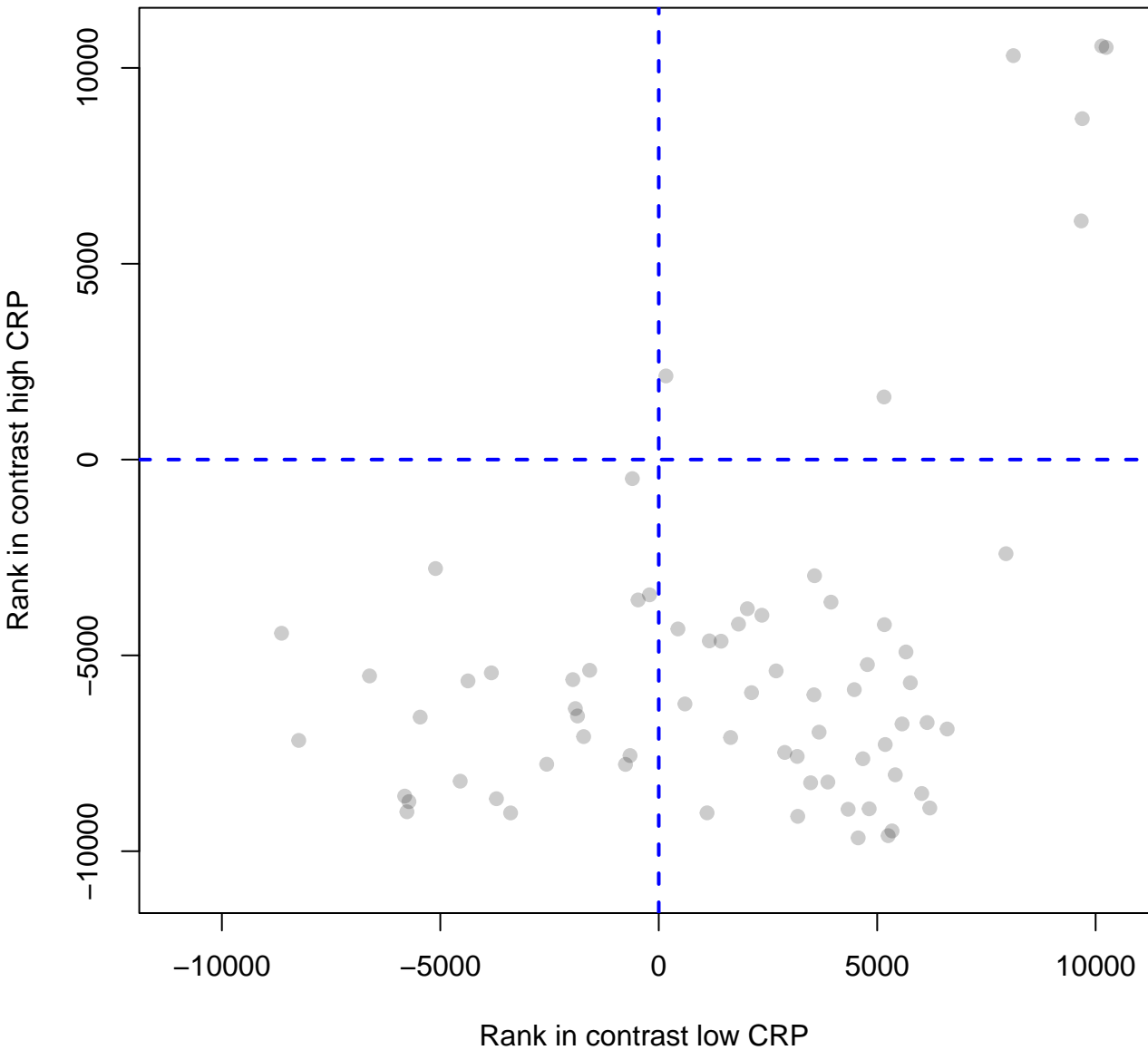
# Metabolism of proteins



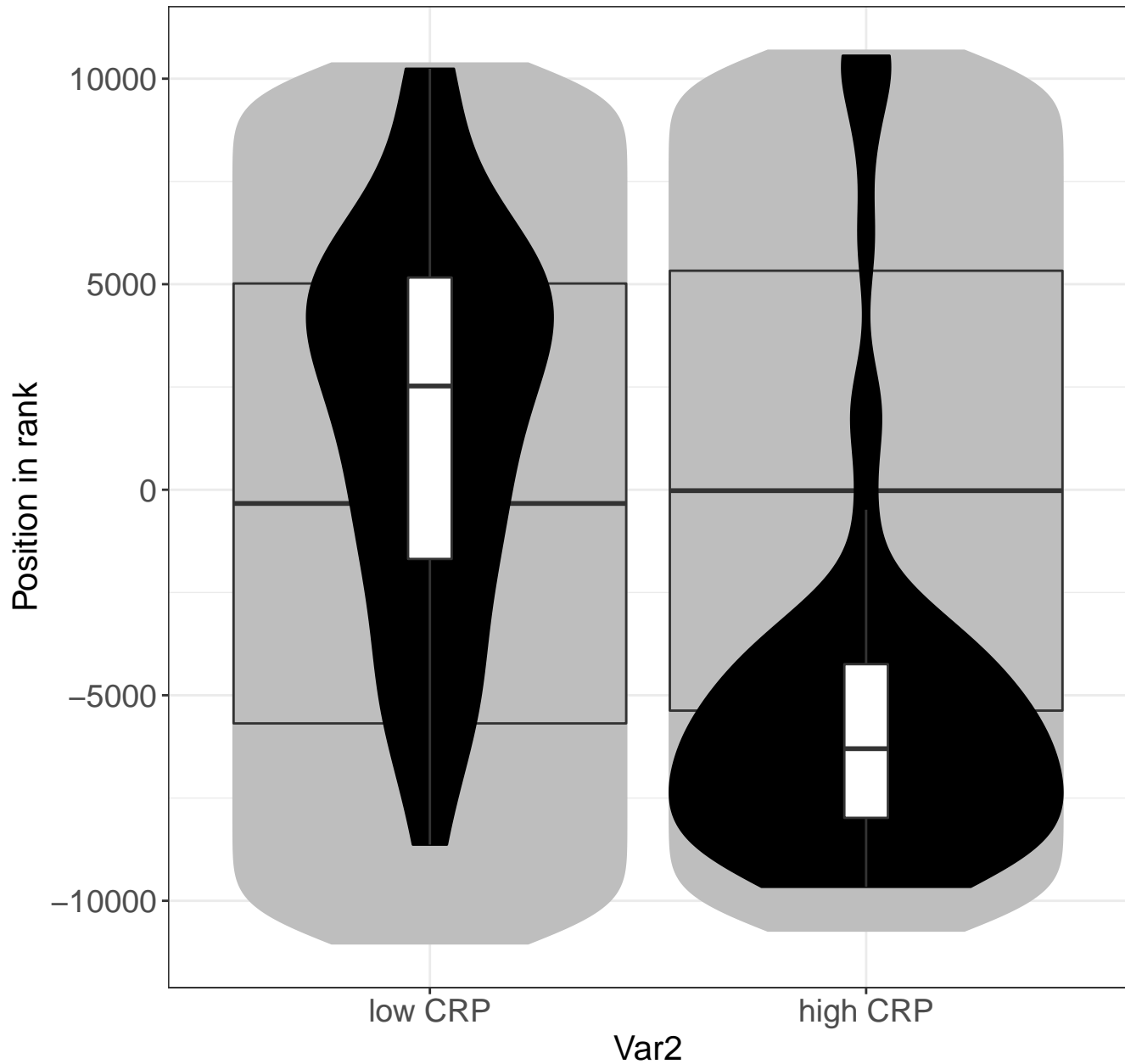
# Scavenging of heme from plasma



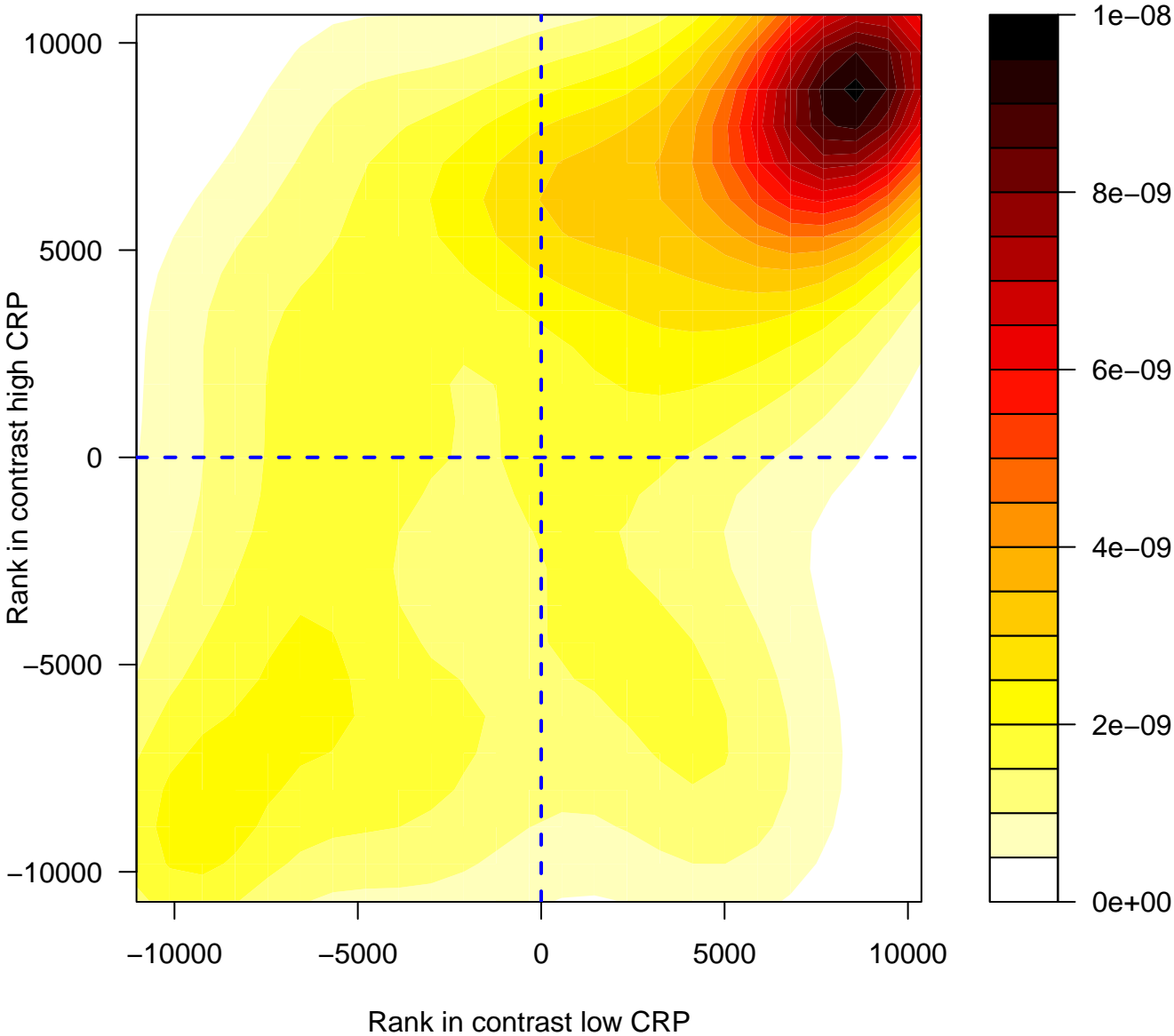
# Scavenging of heme from plasma



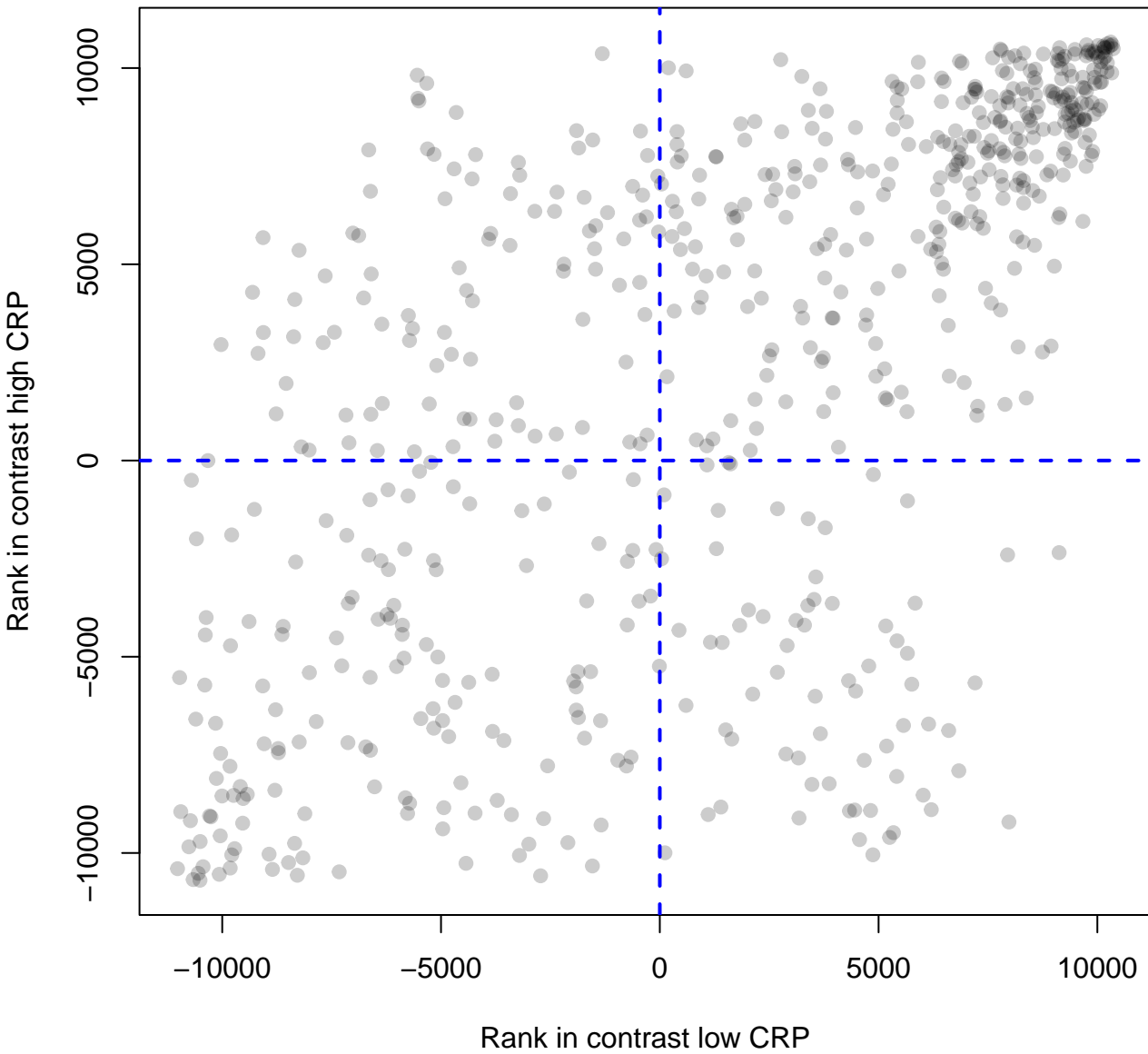
# Scavenging of heme from plasma



# Vesicle-mediated transport

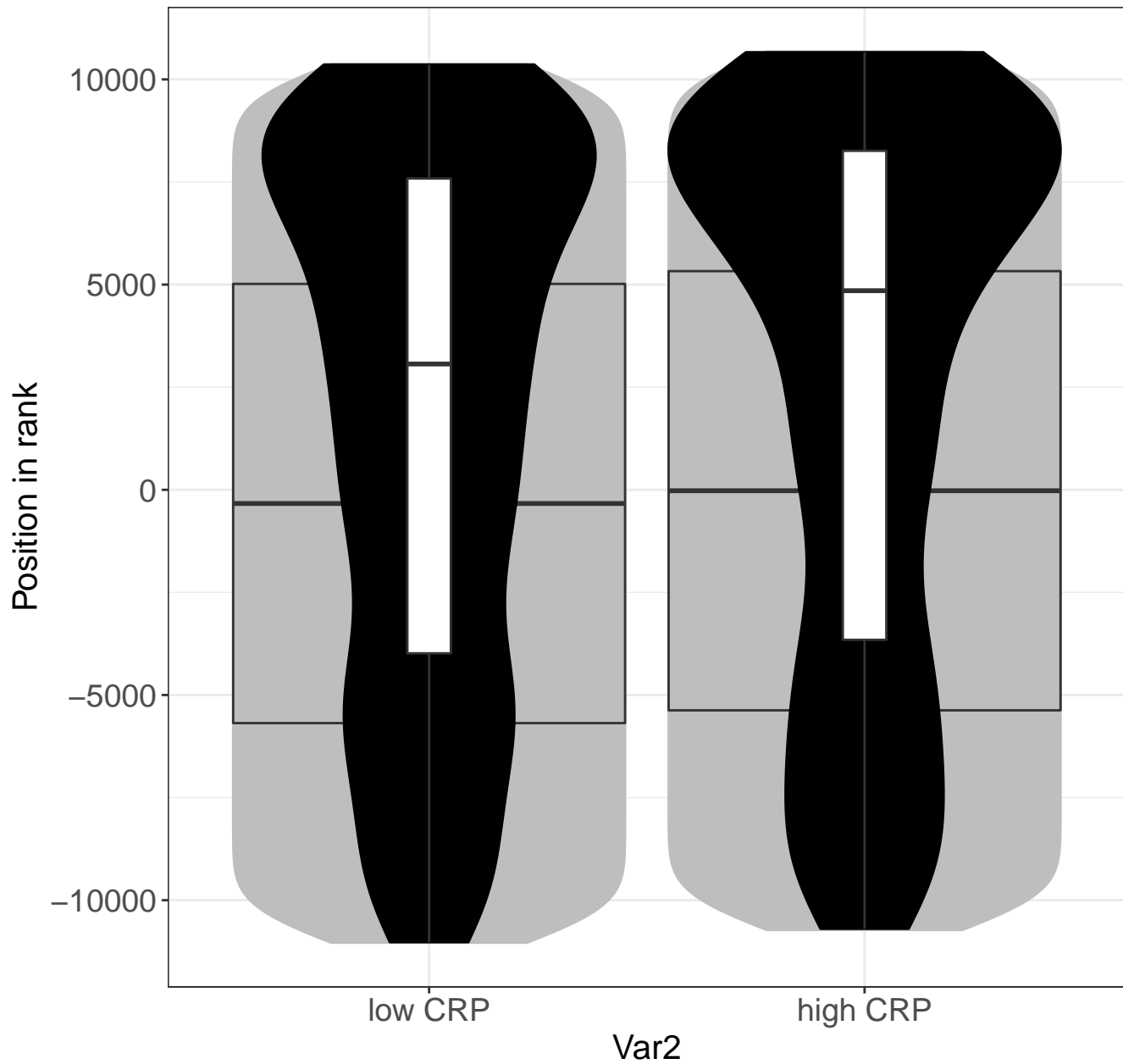


# Vesicle-mediated transport

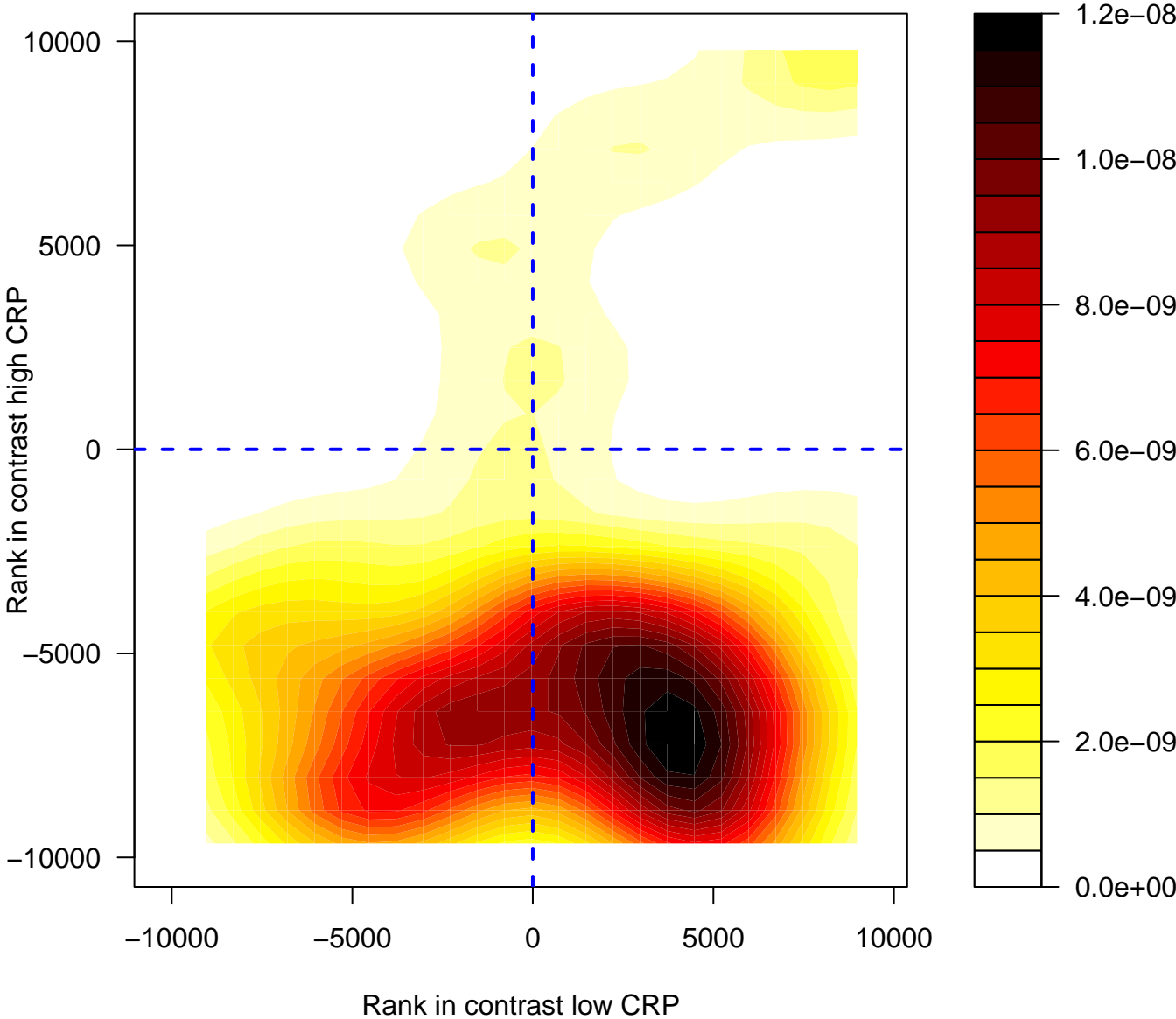




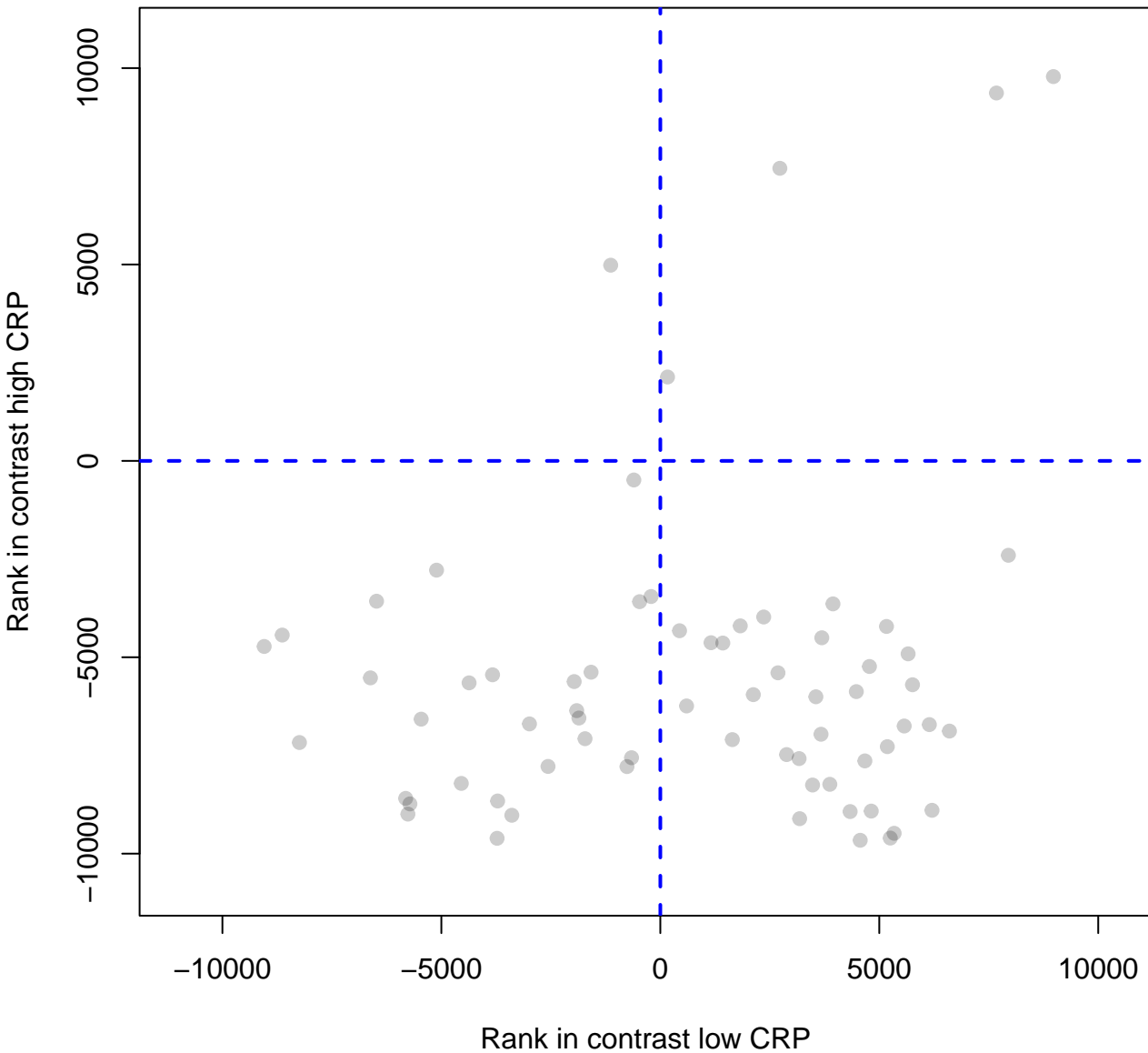
# Vesicle-mediated transport



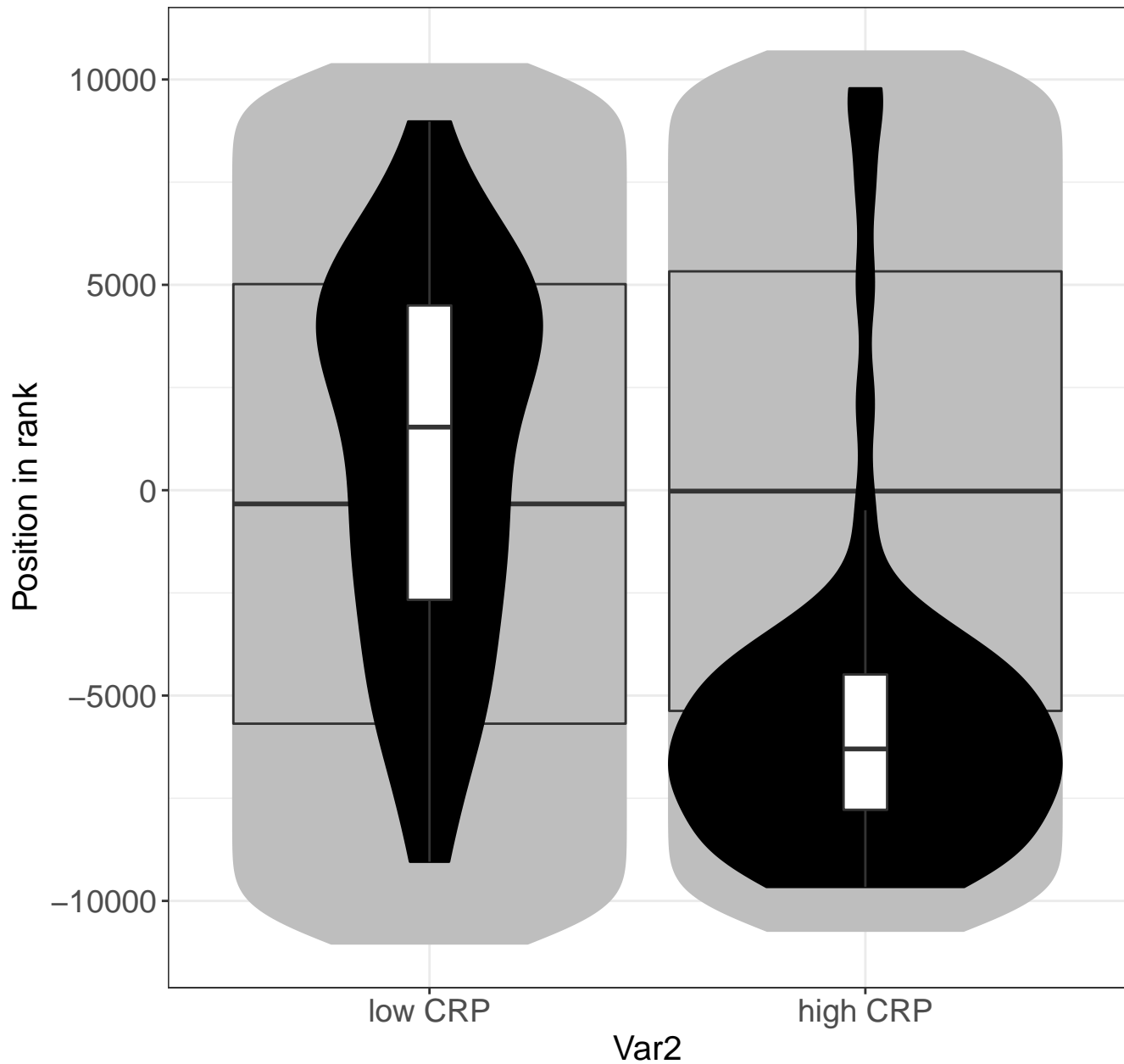
# Classical antibody-mediated complement activation



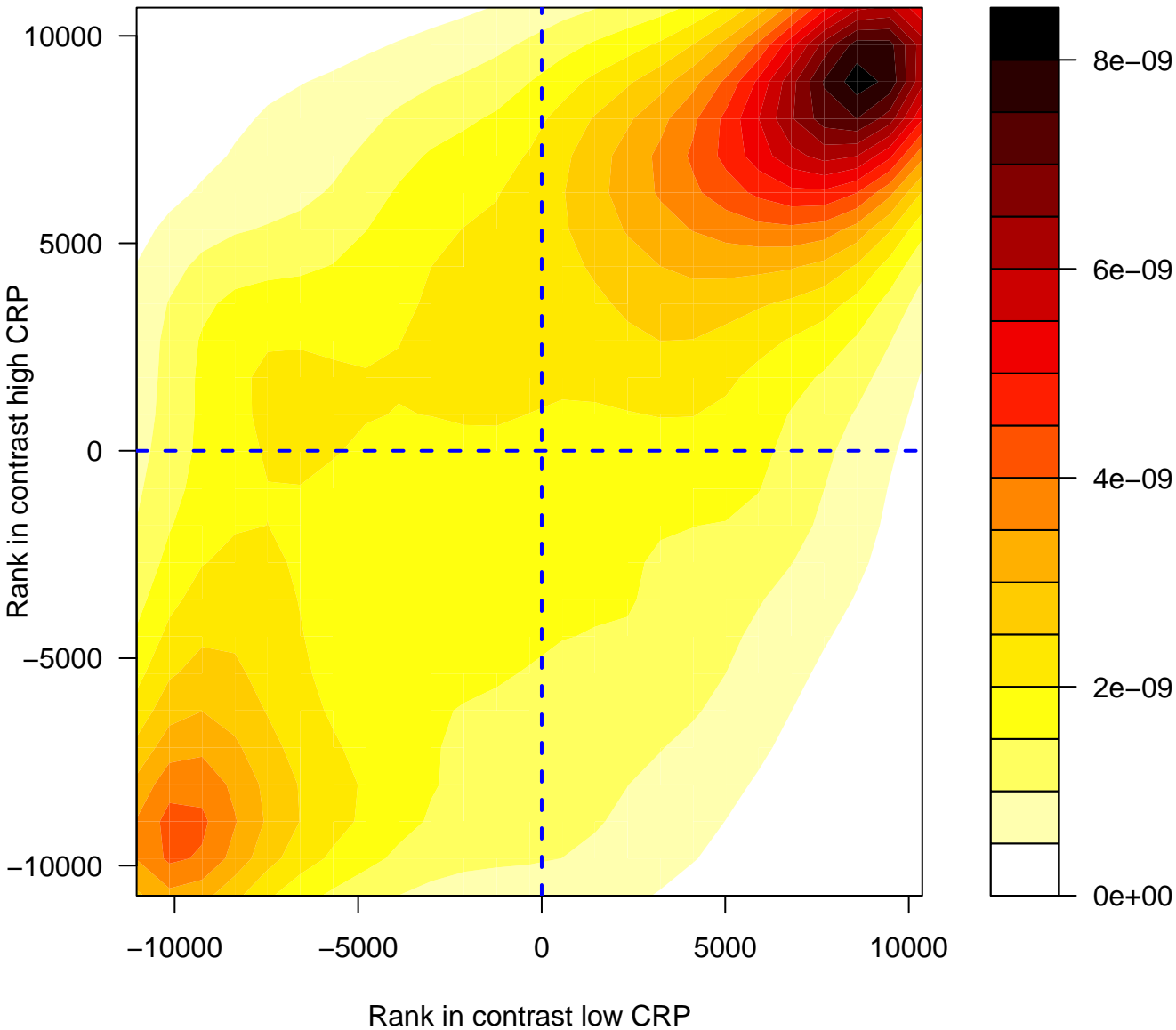
# Classical antibody-mediated complement activation



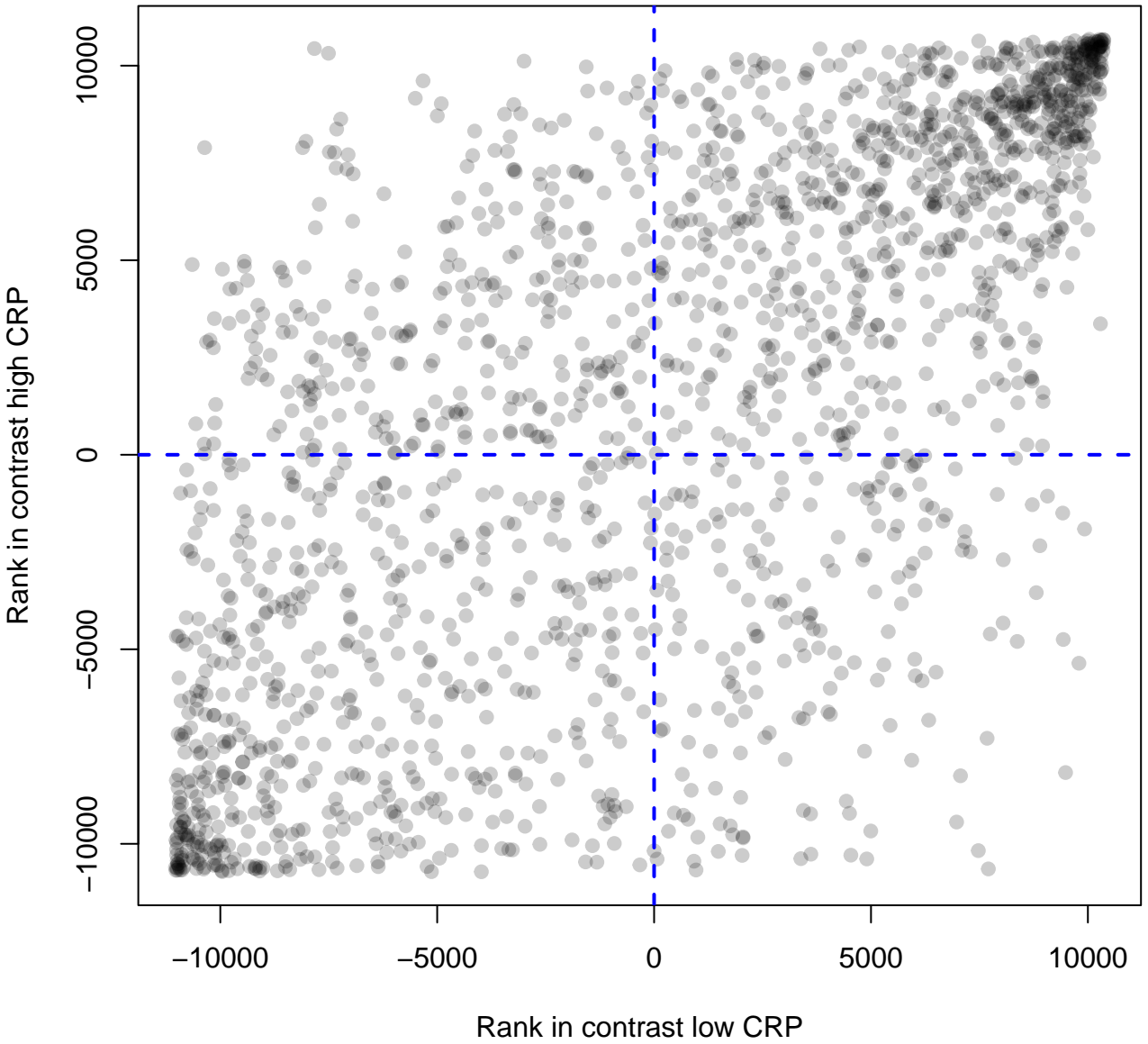
# Classical antibody-mediated complement activation



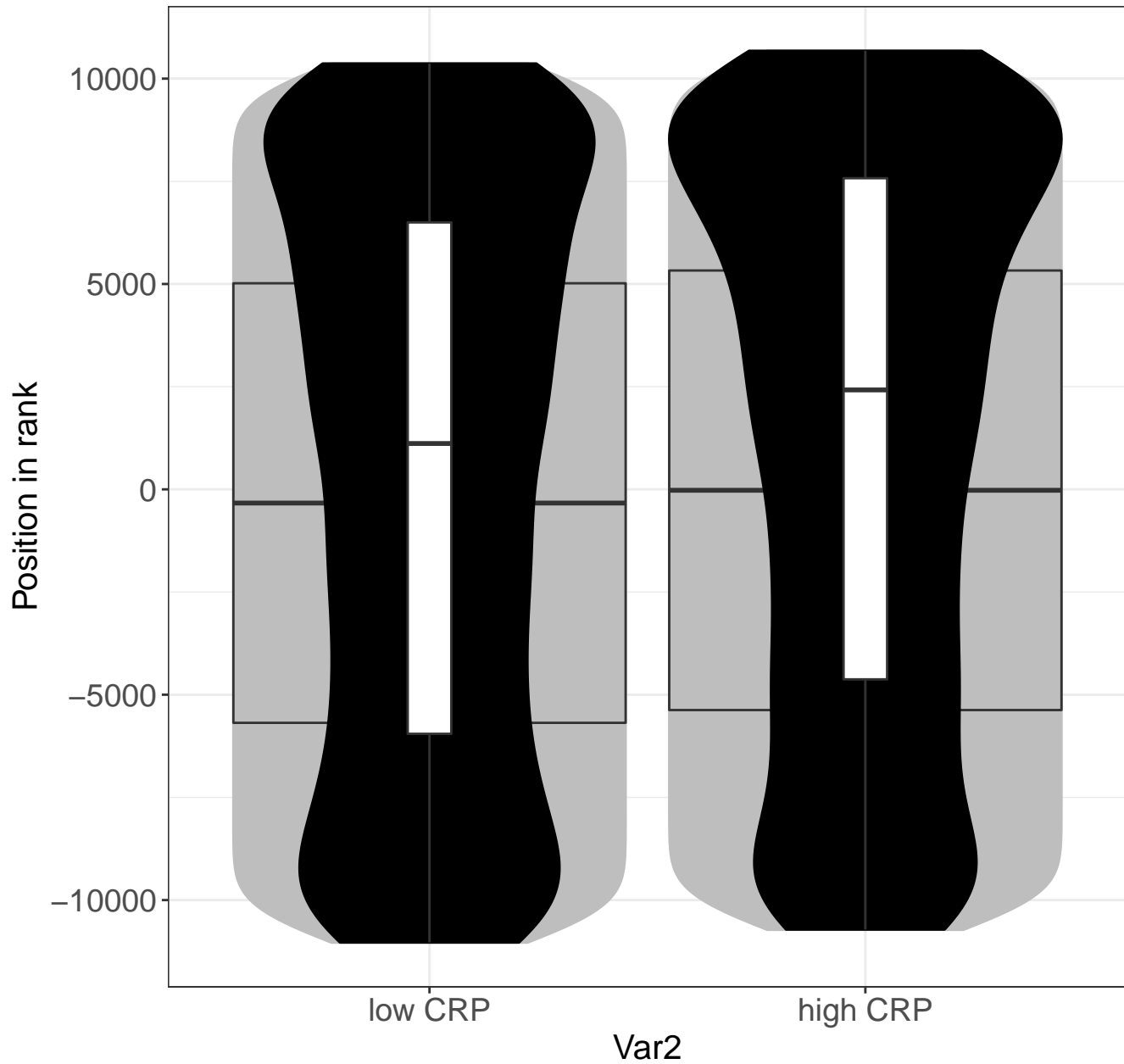
# Signal Transduction



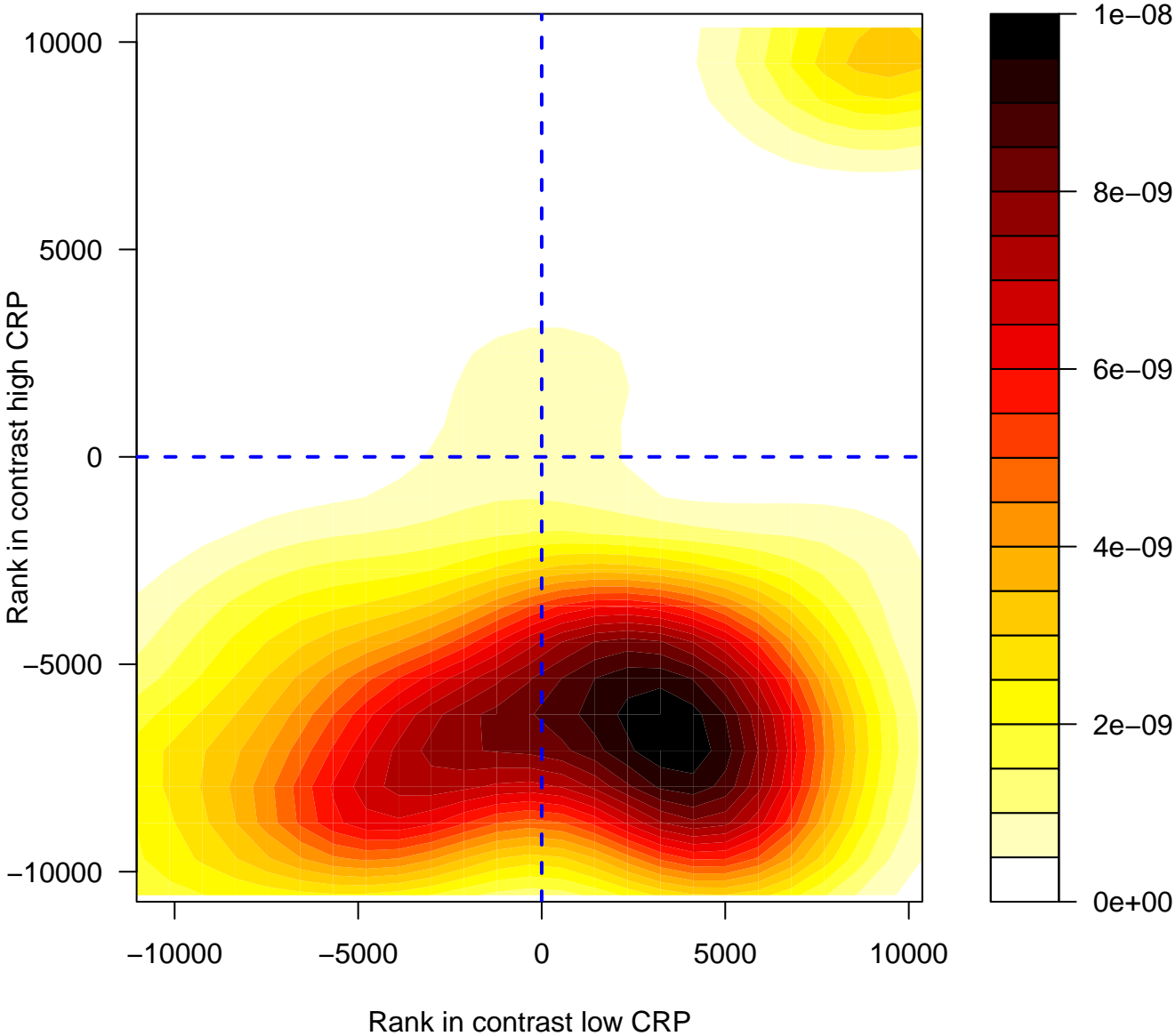
# Signal Transduction



# Signal Transduction

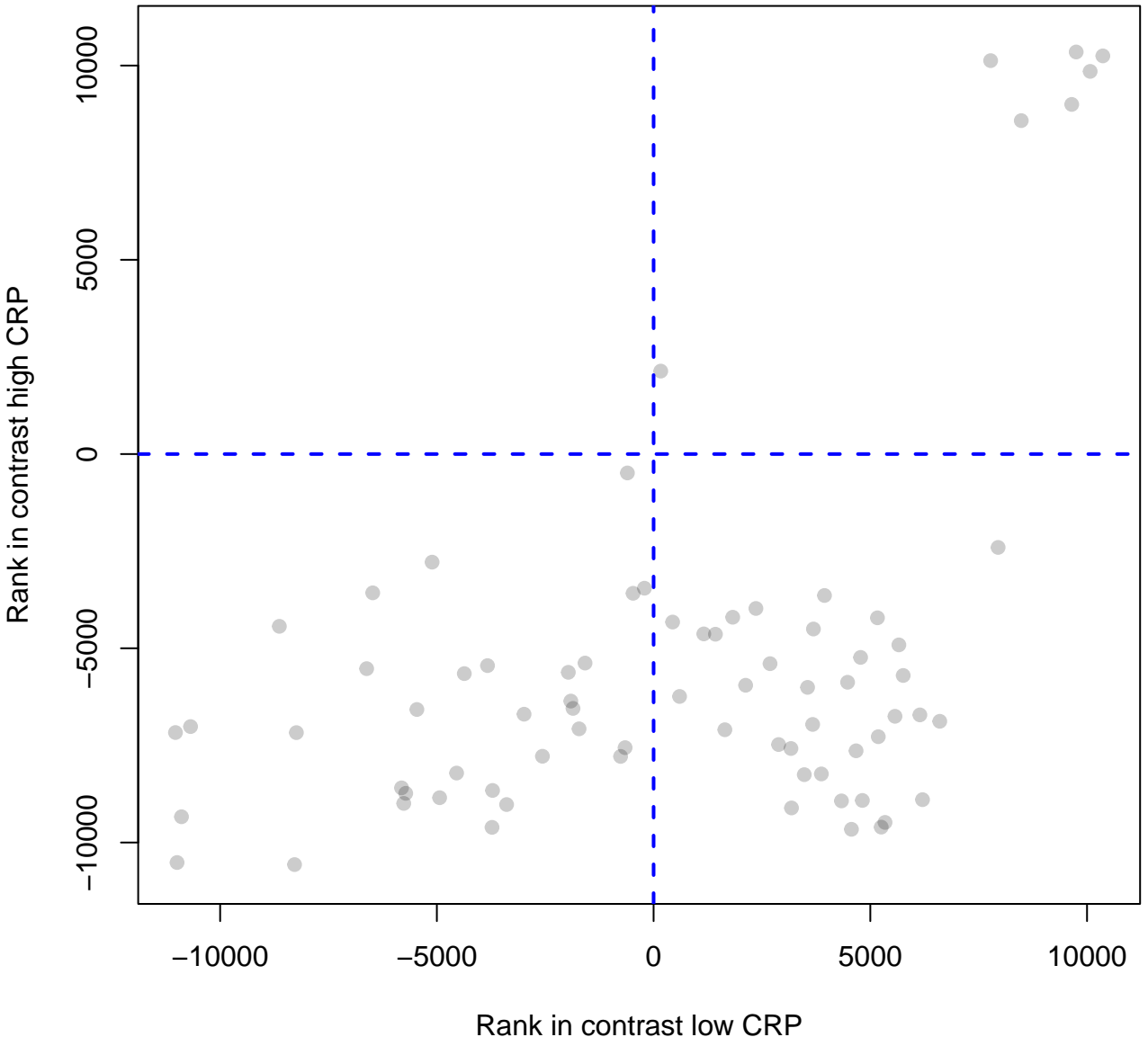


# FCGR activation

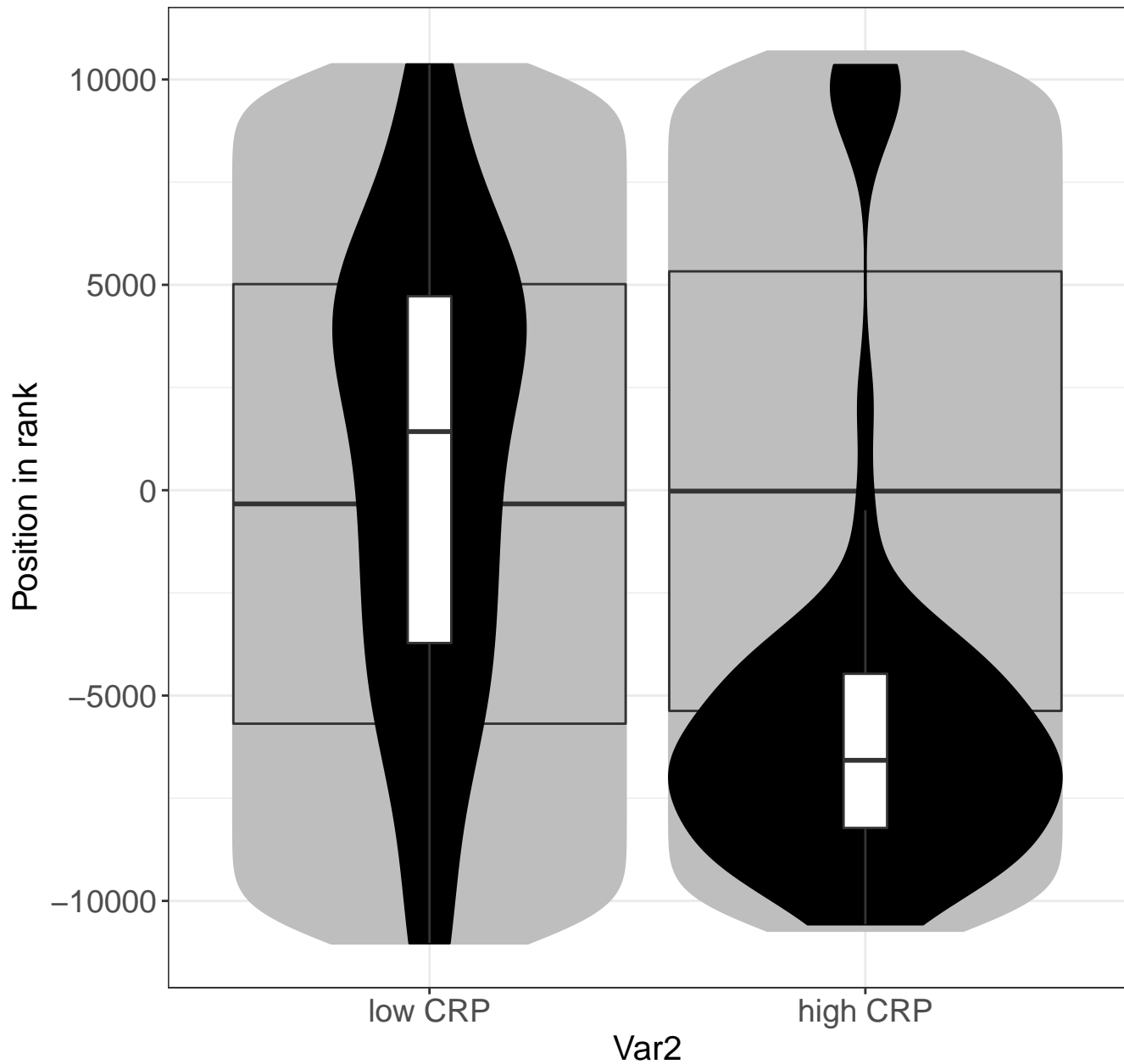




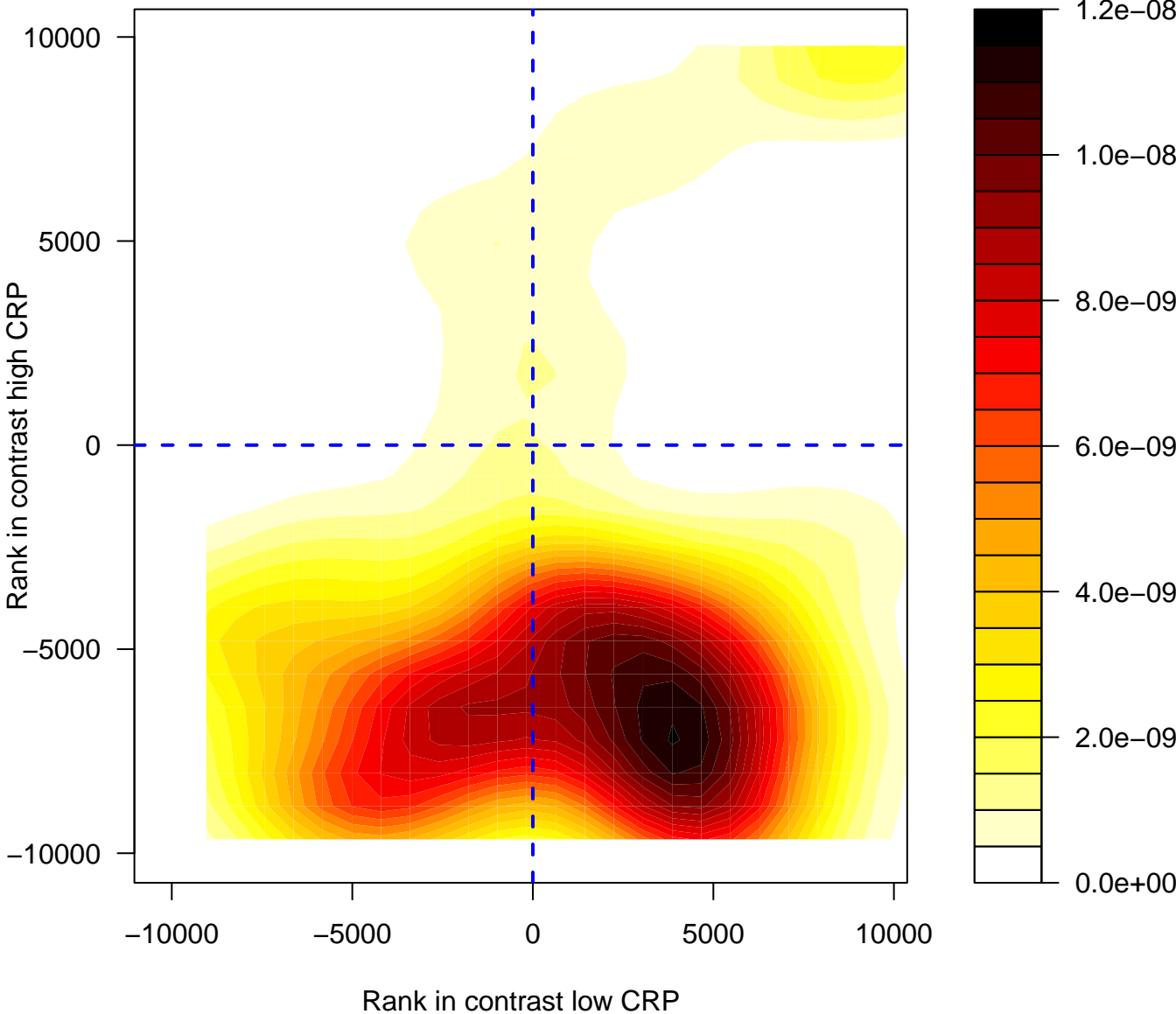
# FCGR activation



# FCGR activation

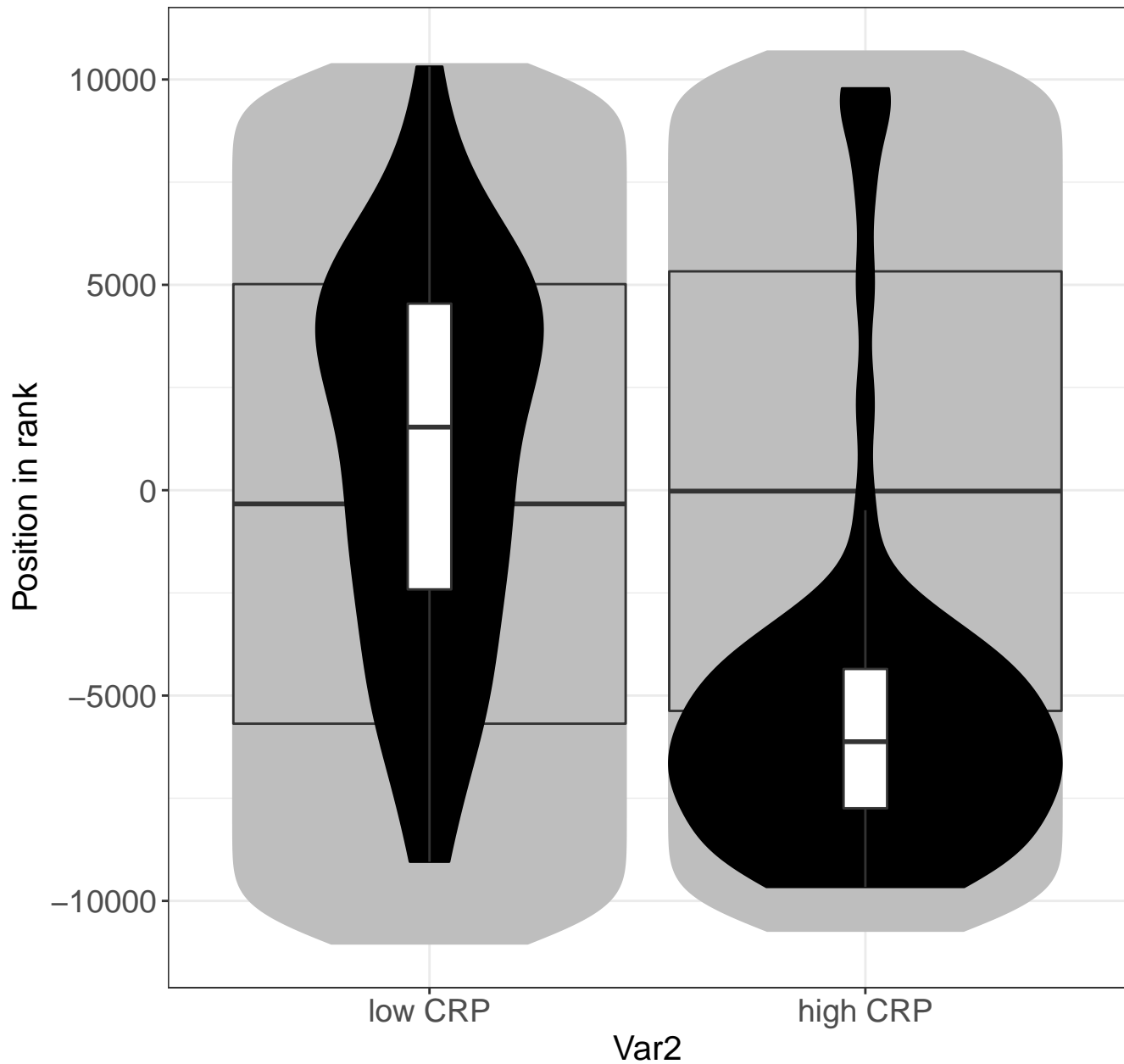


# Creation of C4 and C2 activators

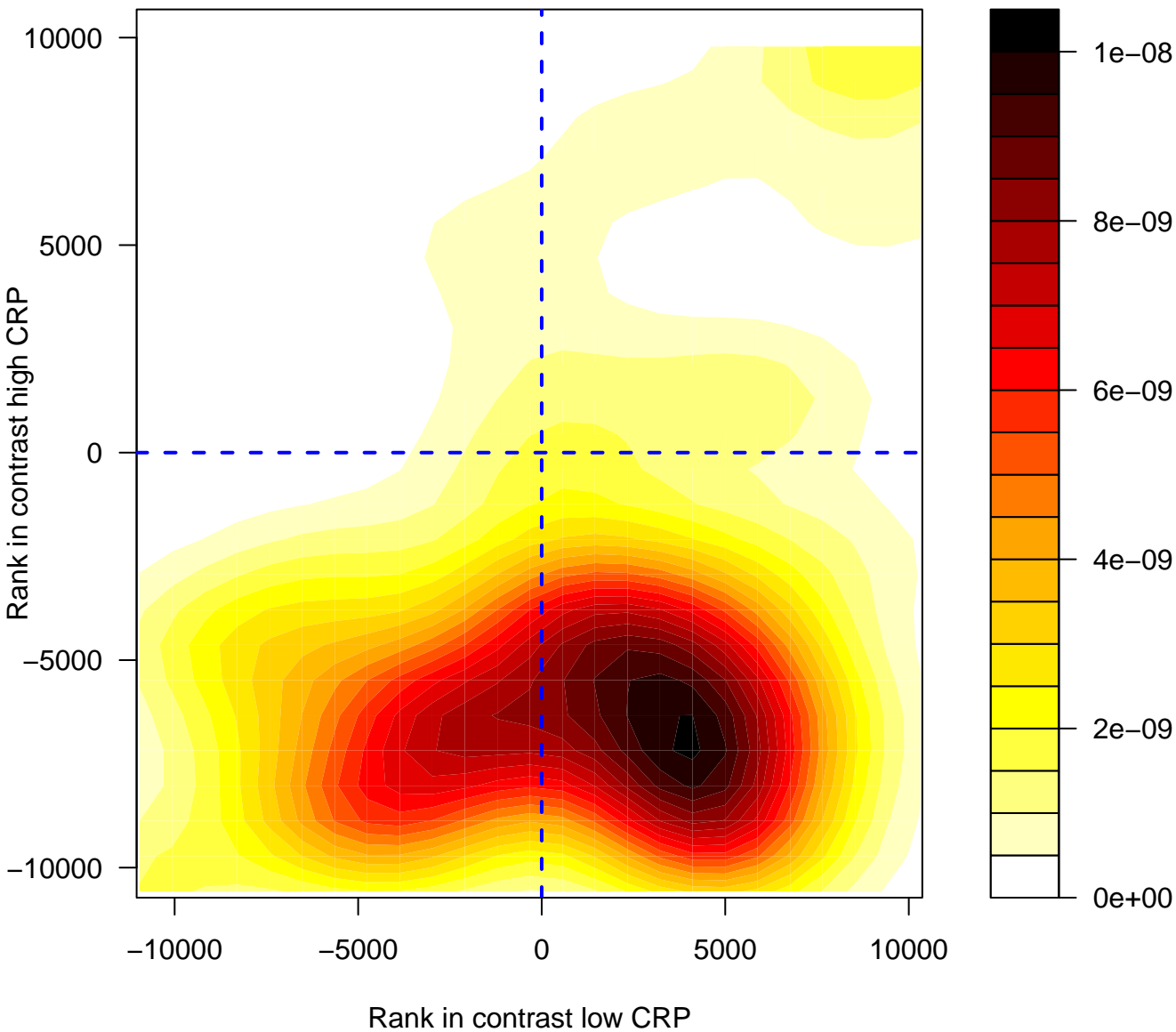




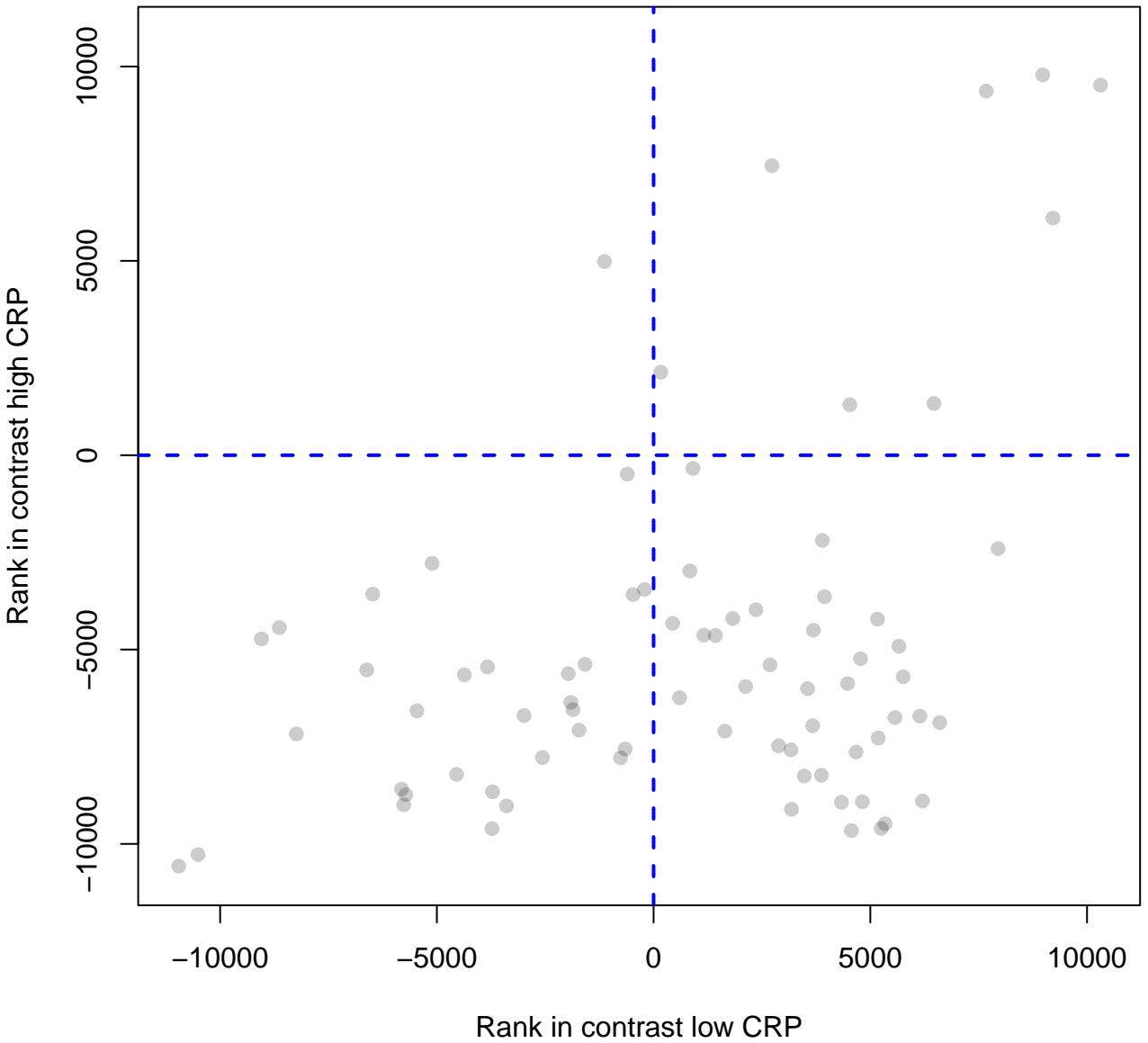
# Creation of C4 and C2 activators



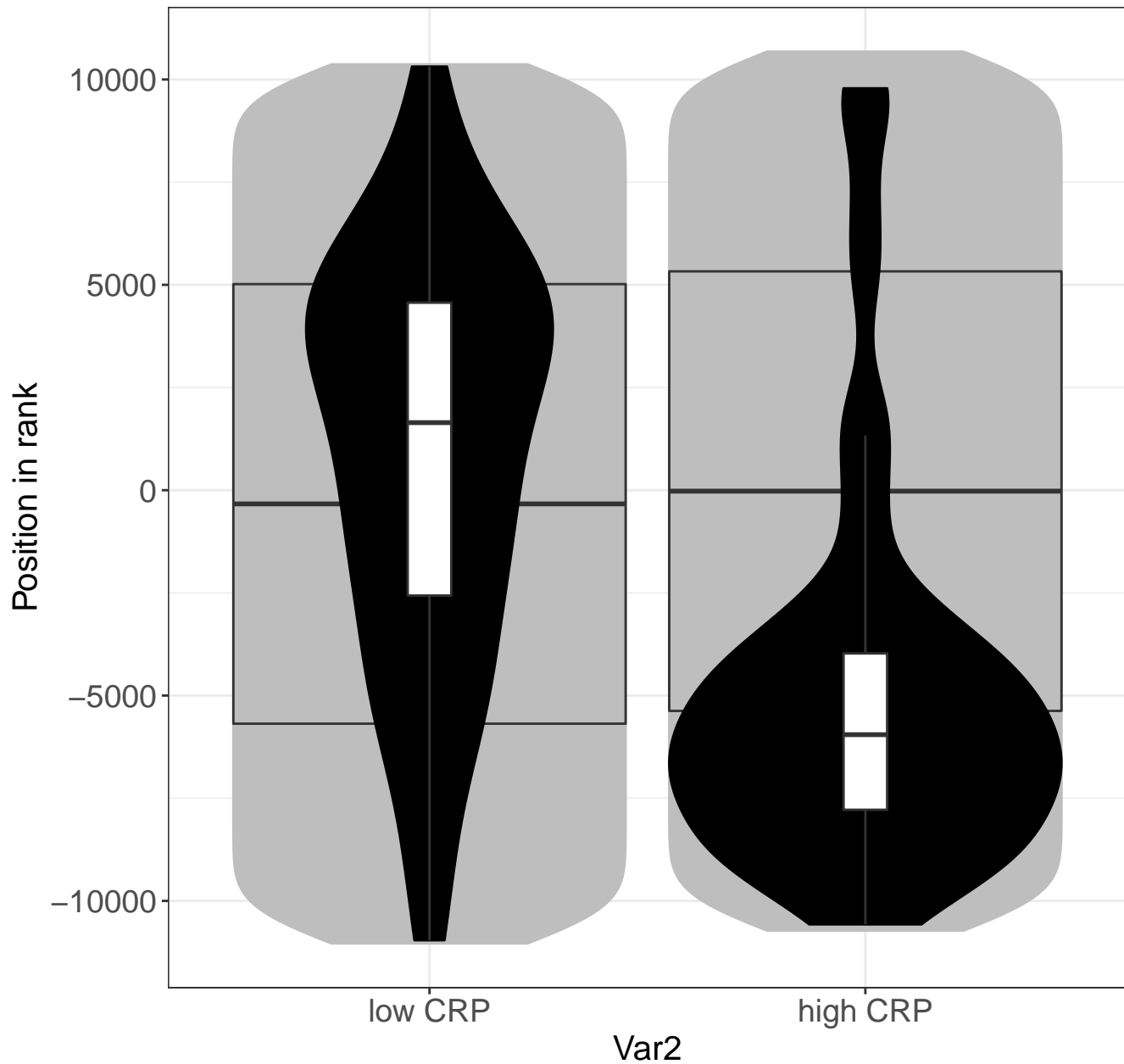
# Initial triggering of complement



# Initial triggering of complement

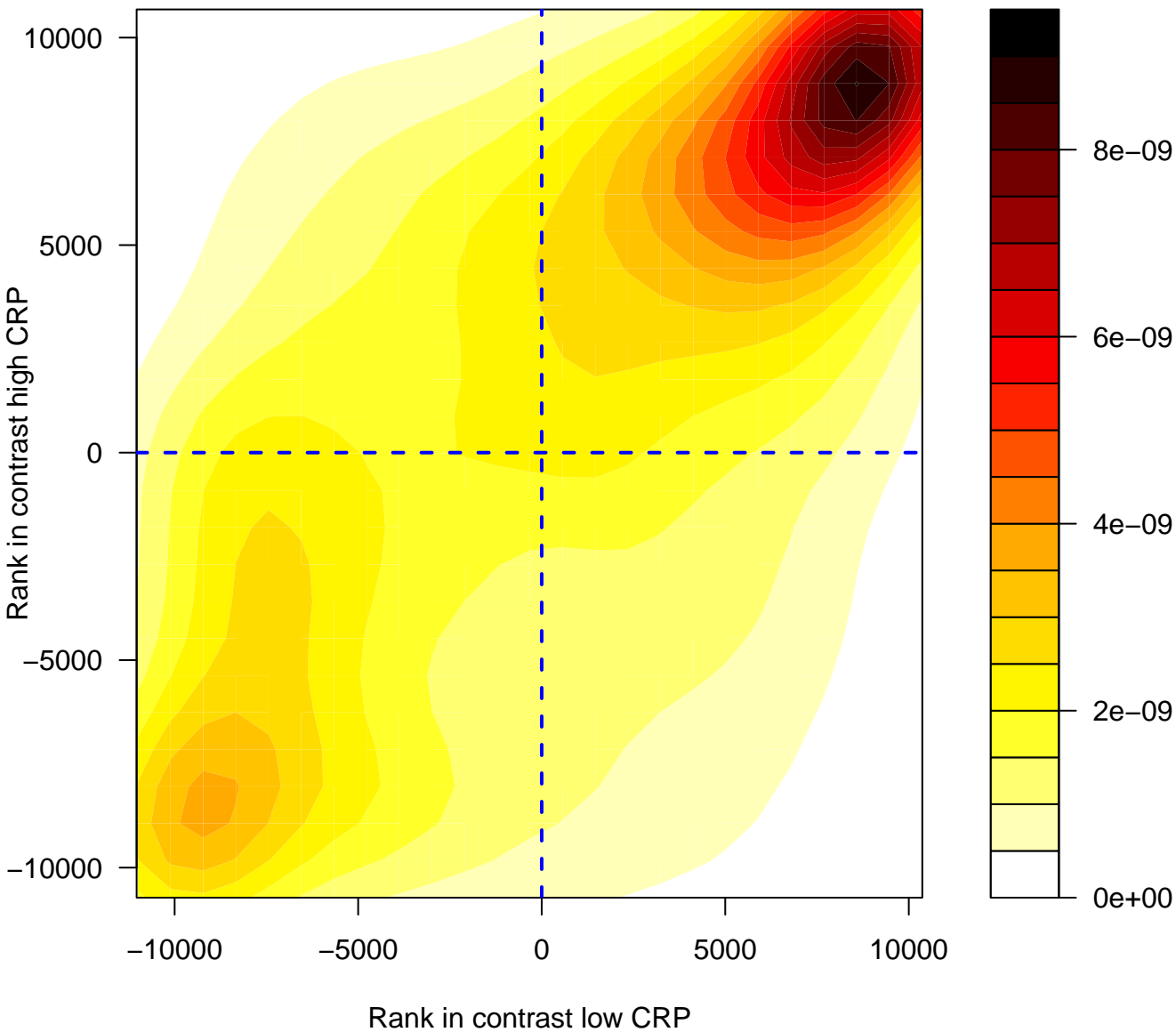


# Initial triggering of complement

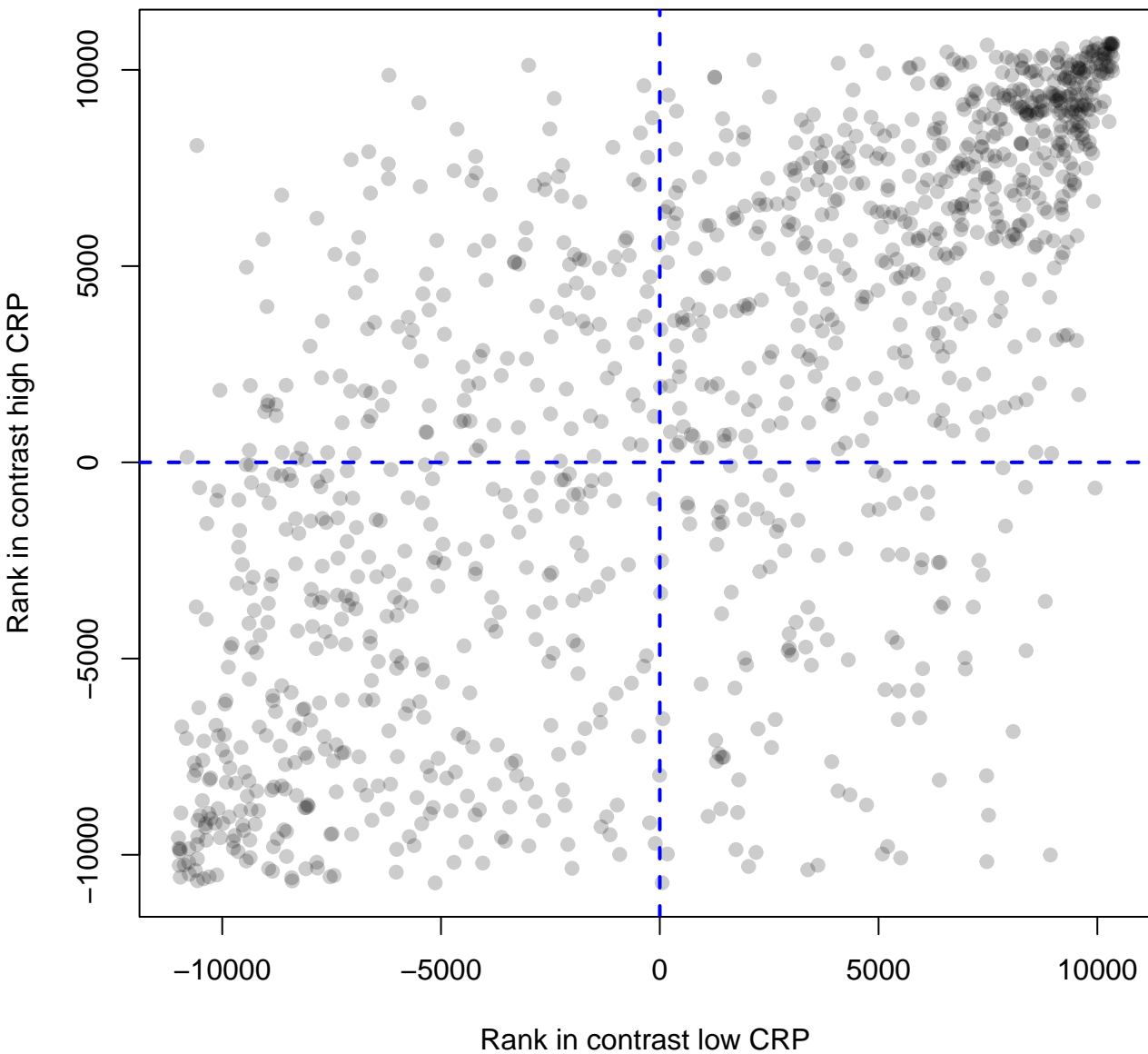




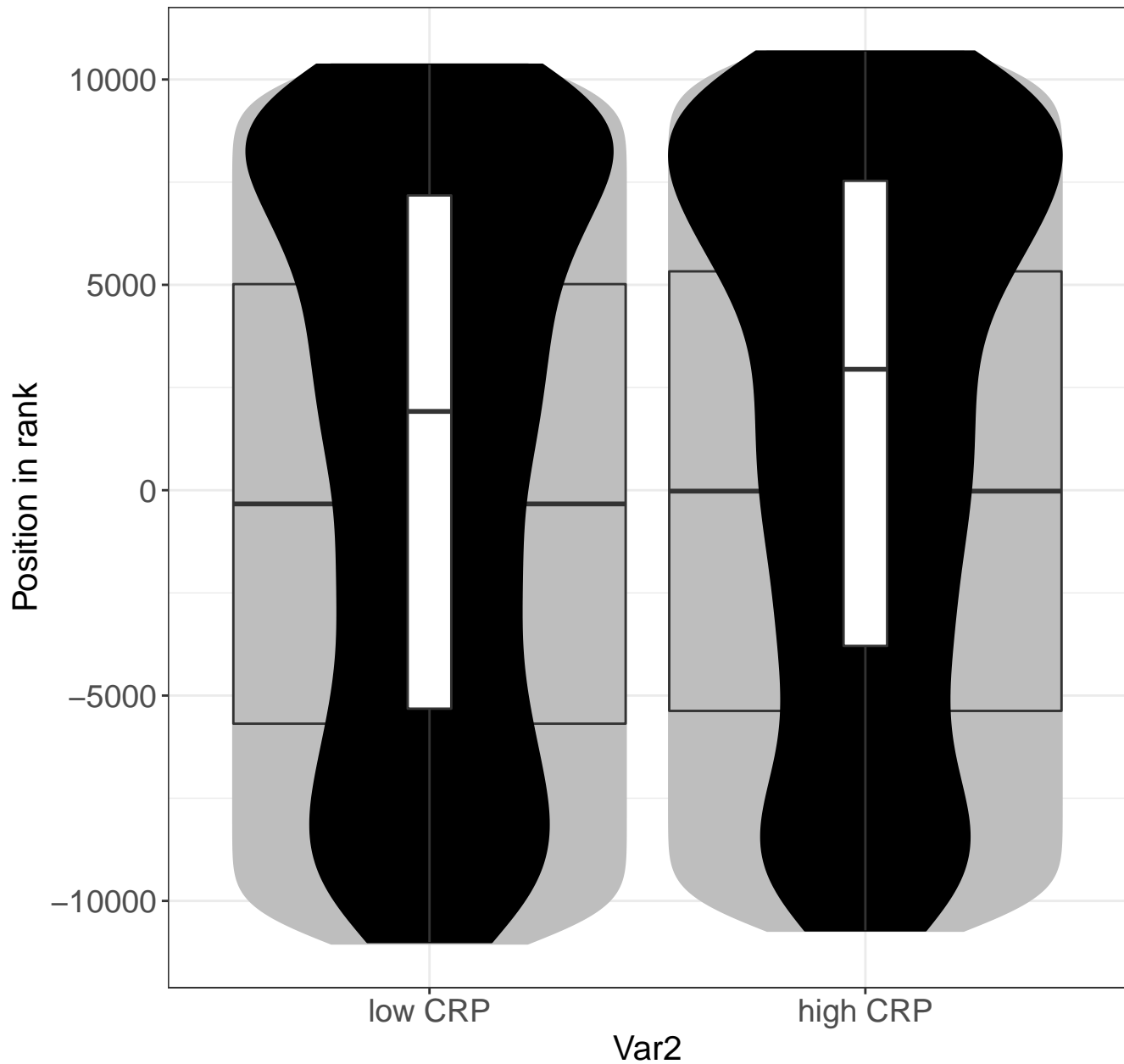
# Post-translational protein modification



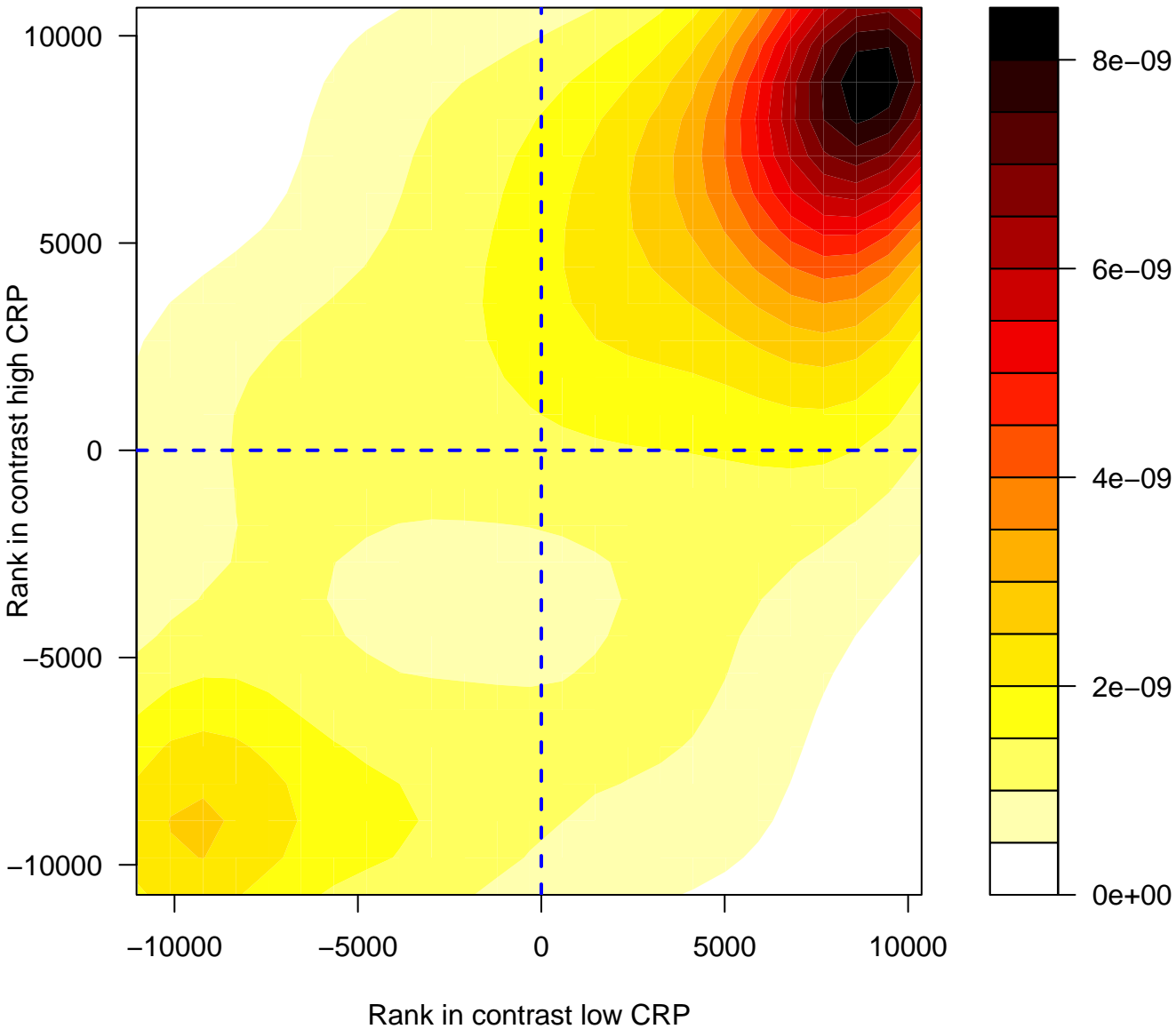
# Post-translational protein modification



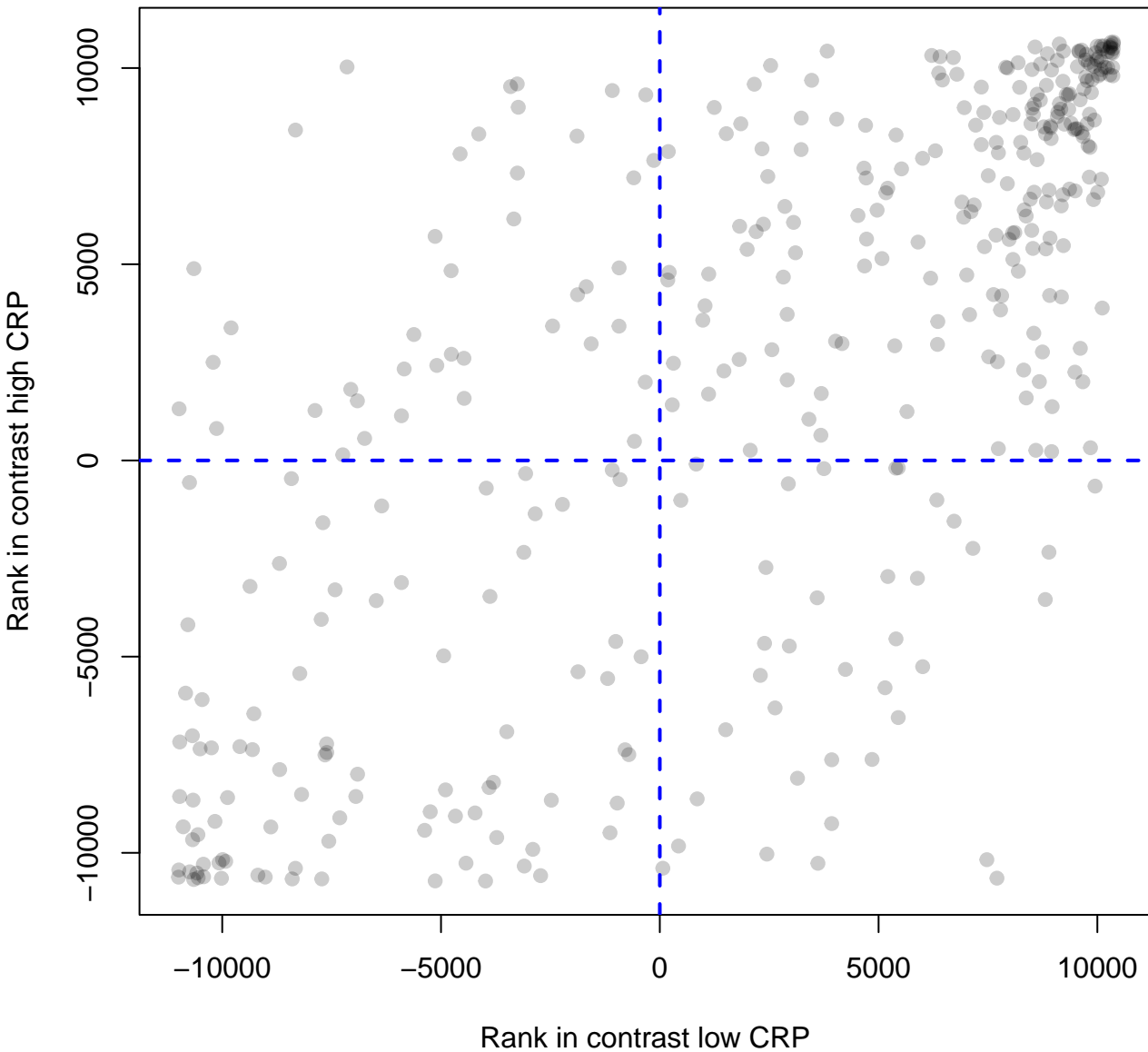
# Post-translational protein modification



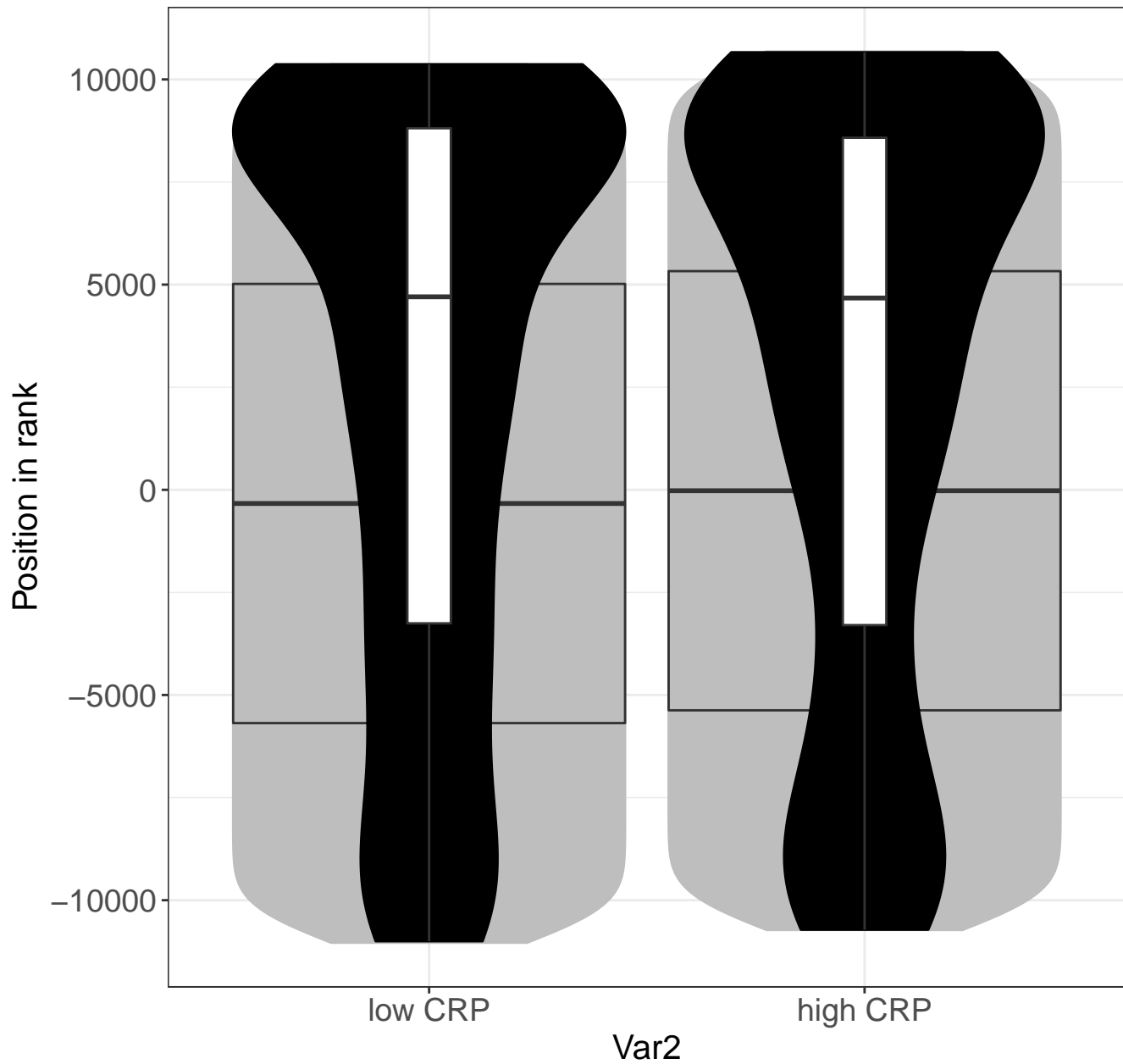
# Signaling by Interleukins



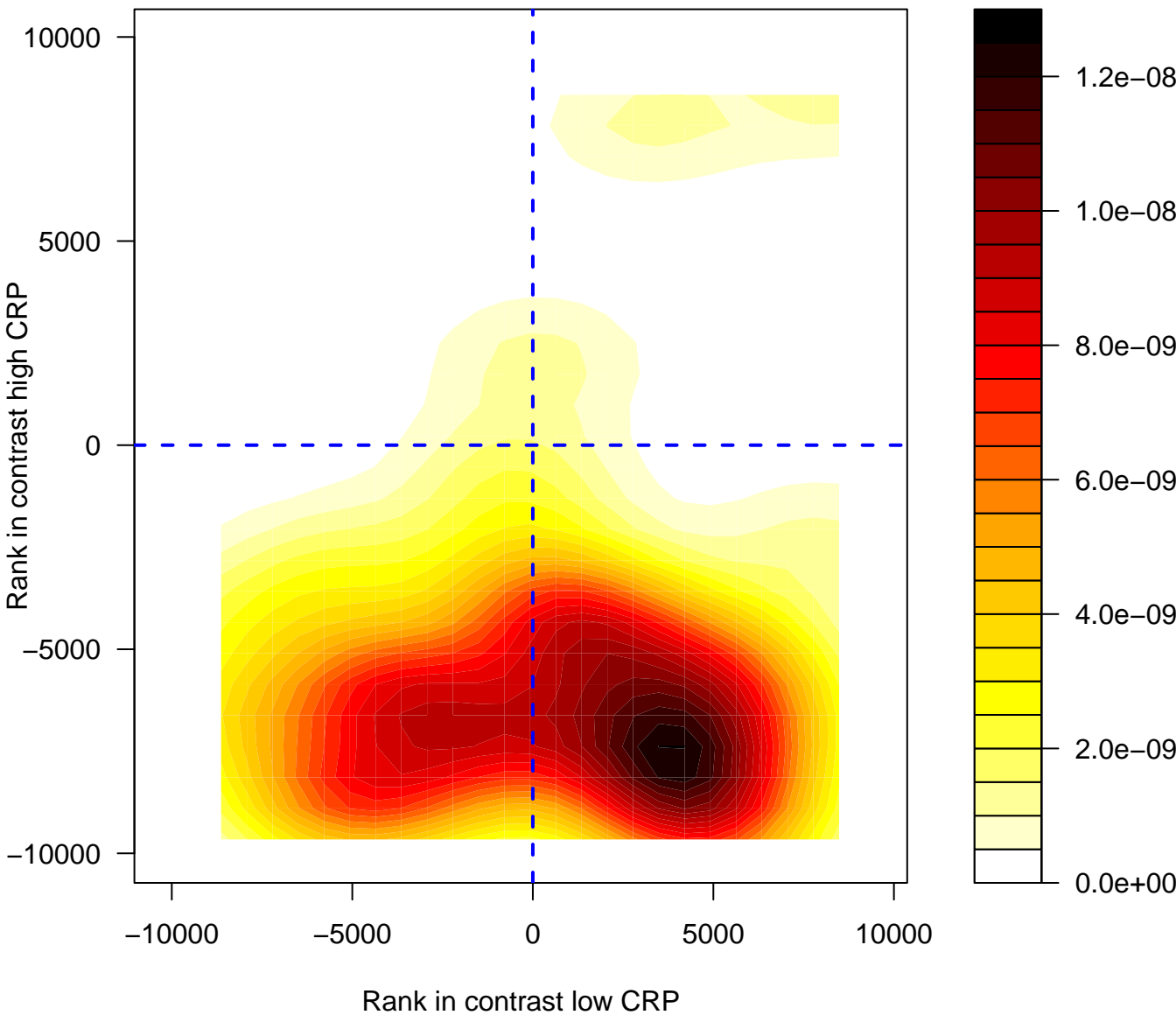
# Signaling by Interleukins



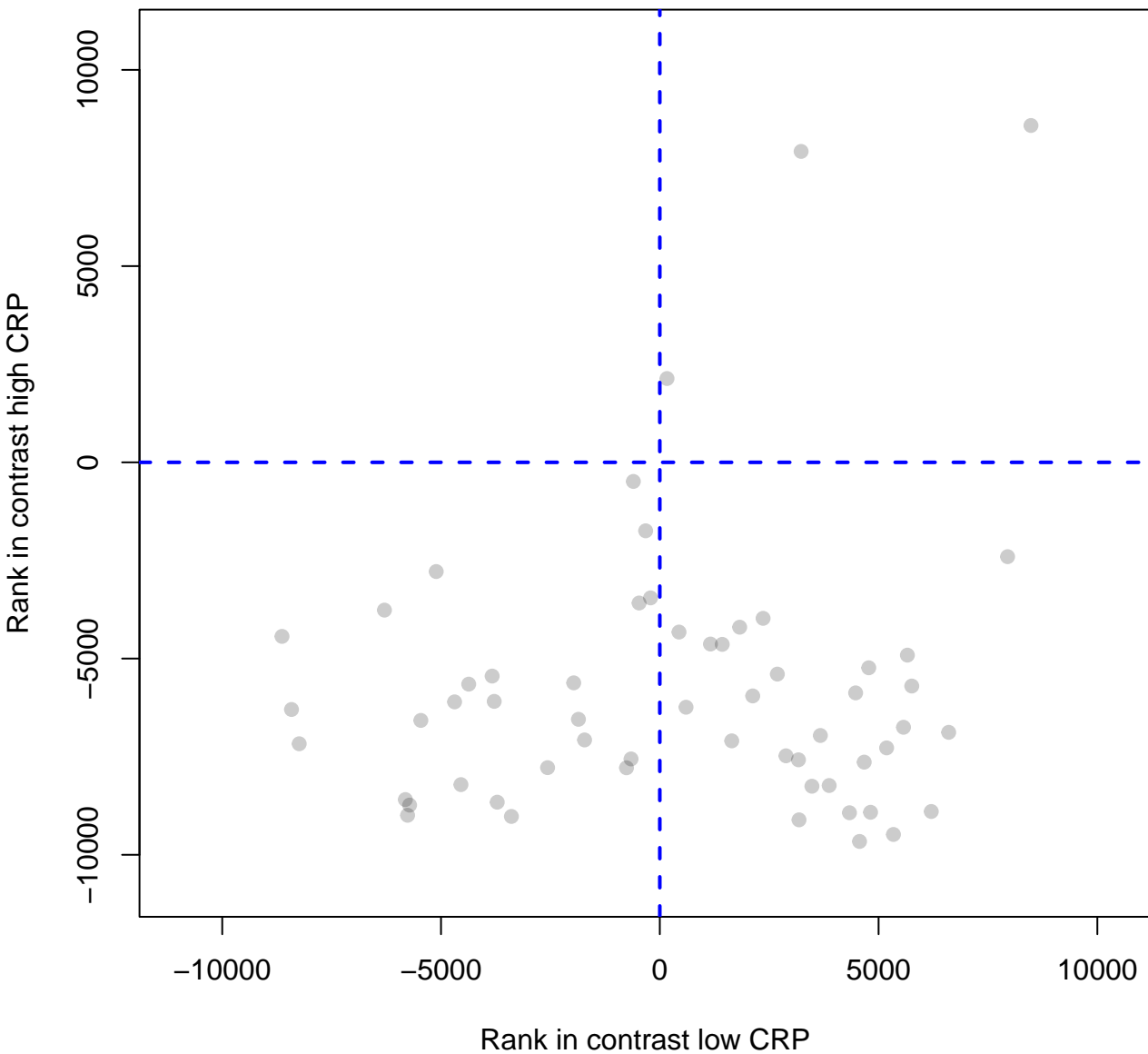
# Signaling by Interleukins



# CD22 mediated BCR regulation

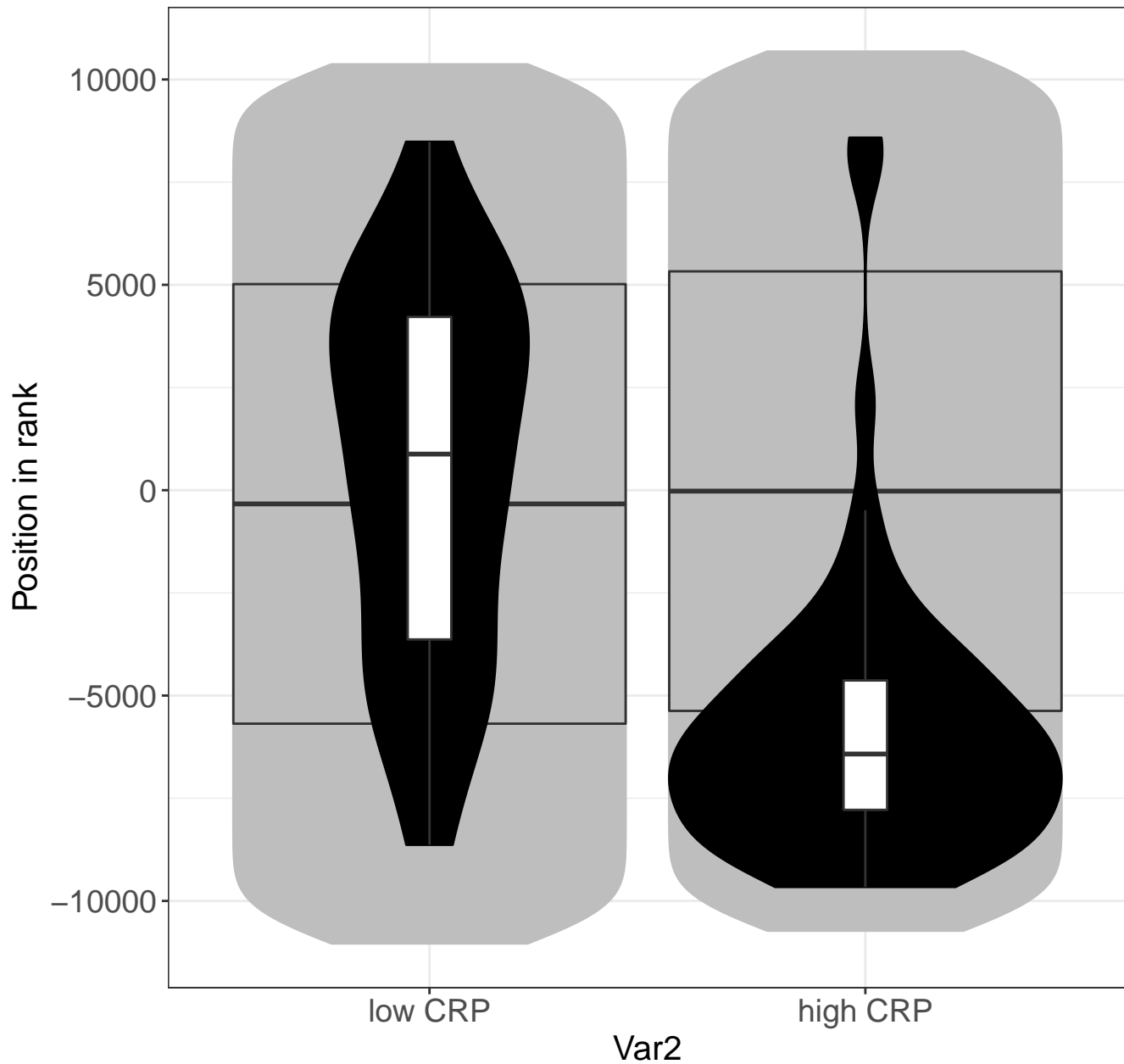


# CD22 mediated BCR regulation

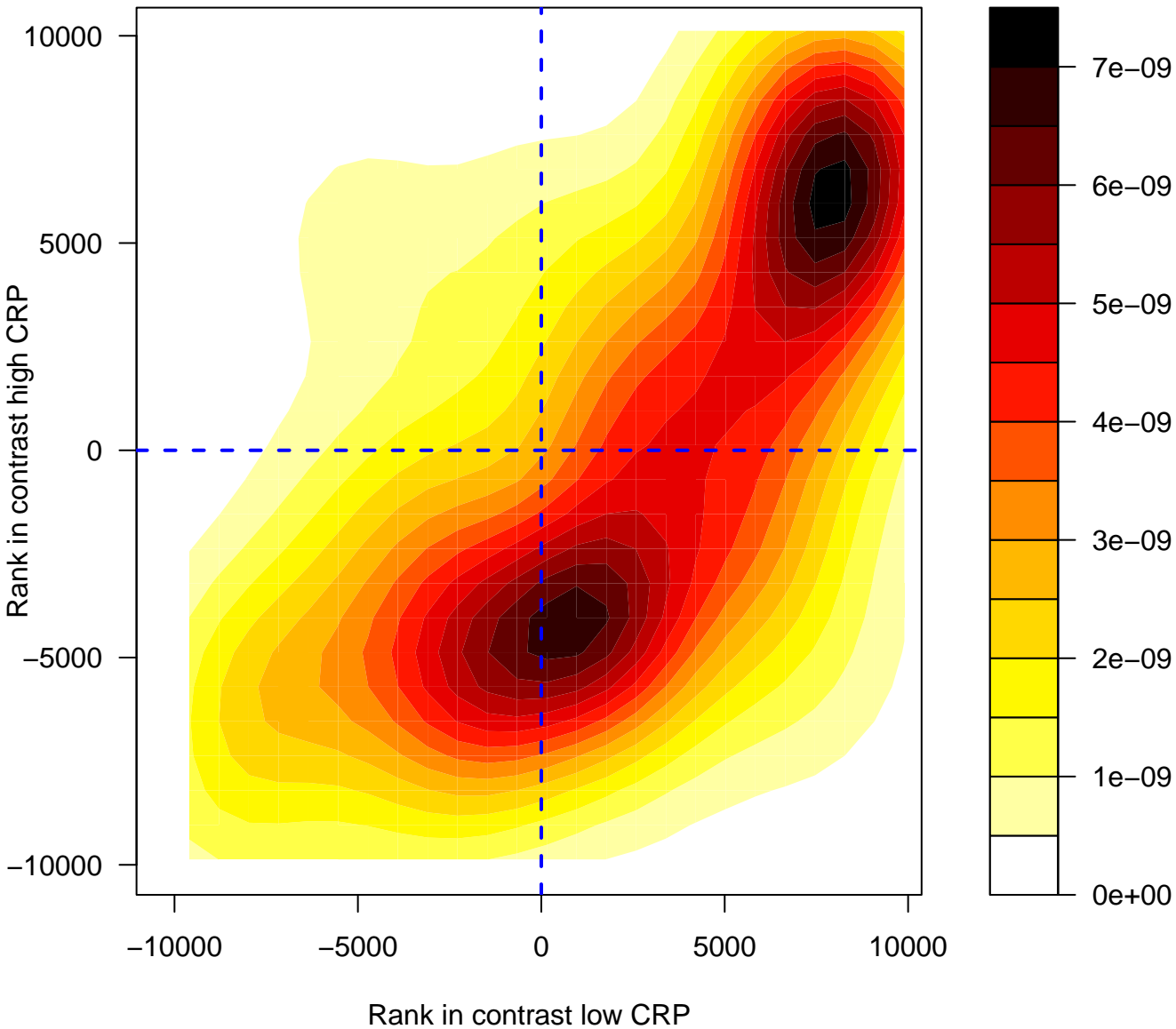




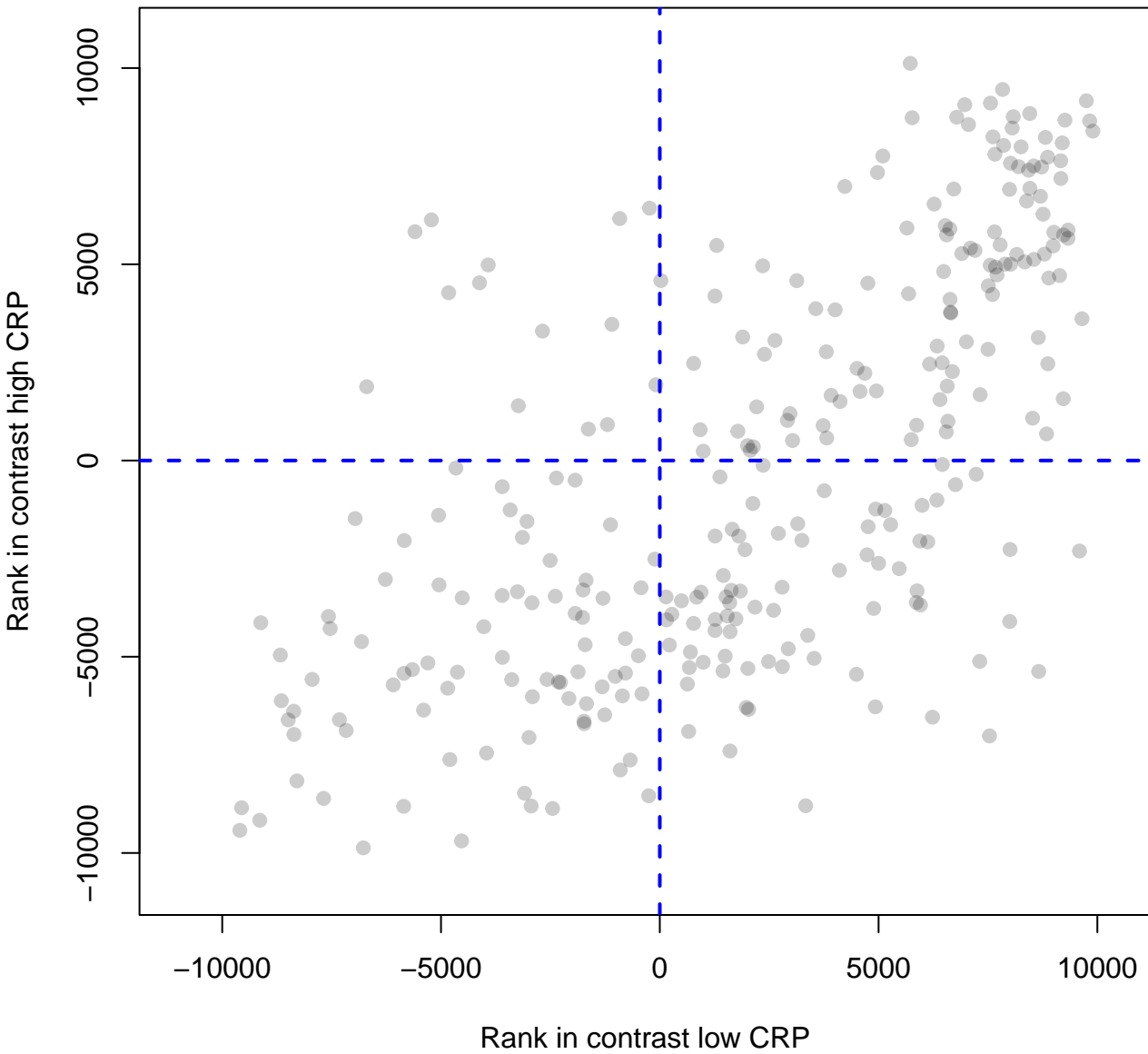
# CD22 mediated BCR regulation



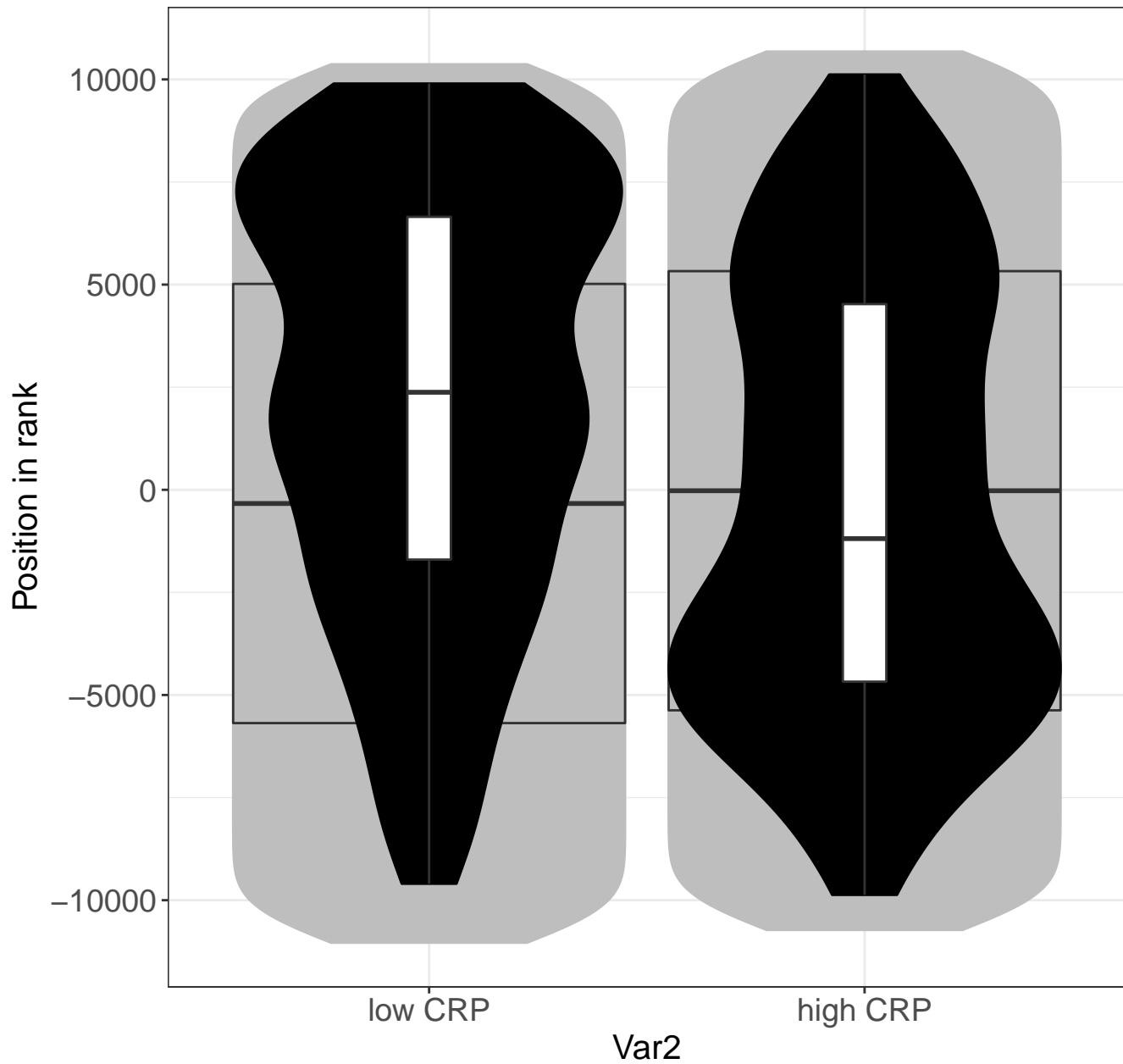
# Translation



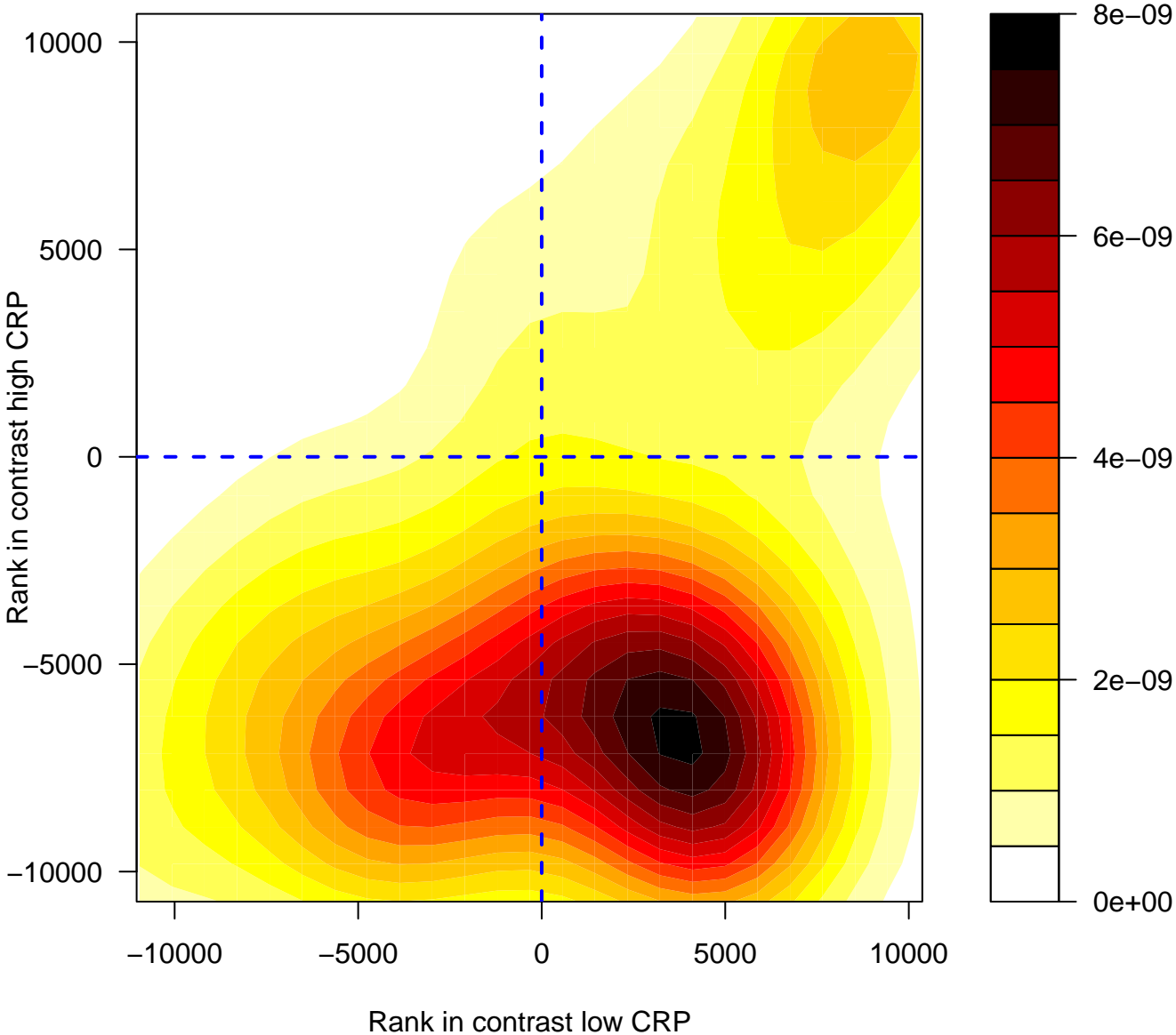
# Translation



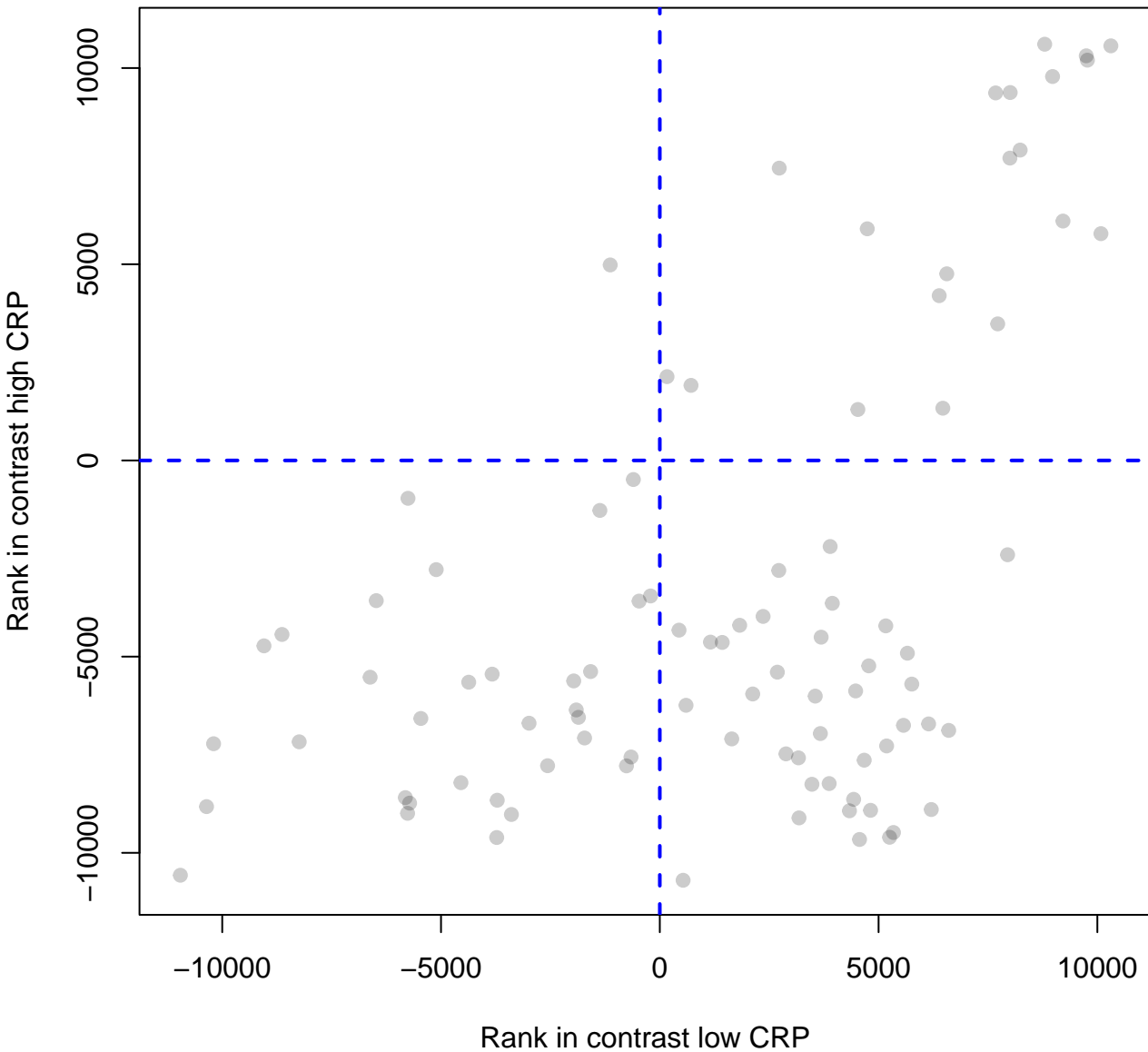
# Translation



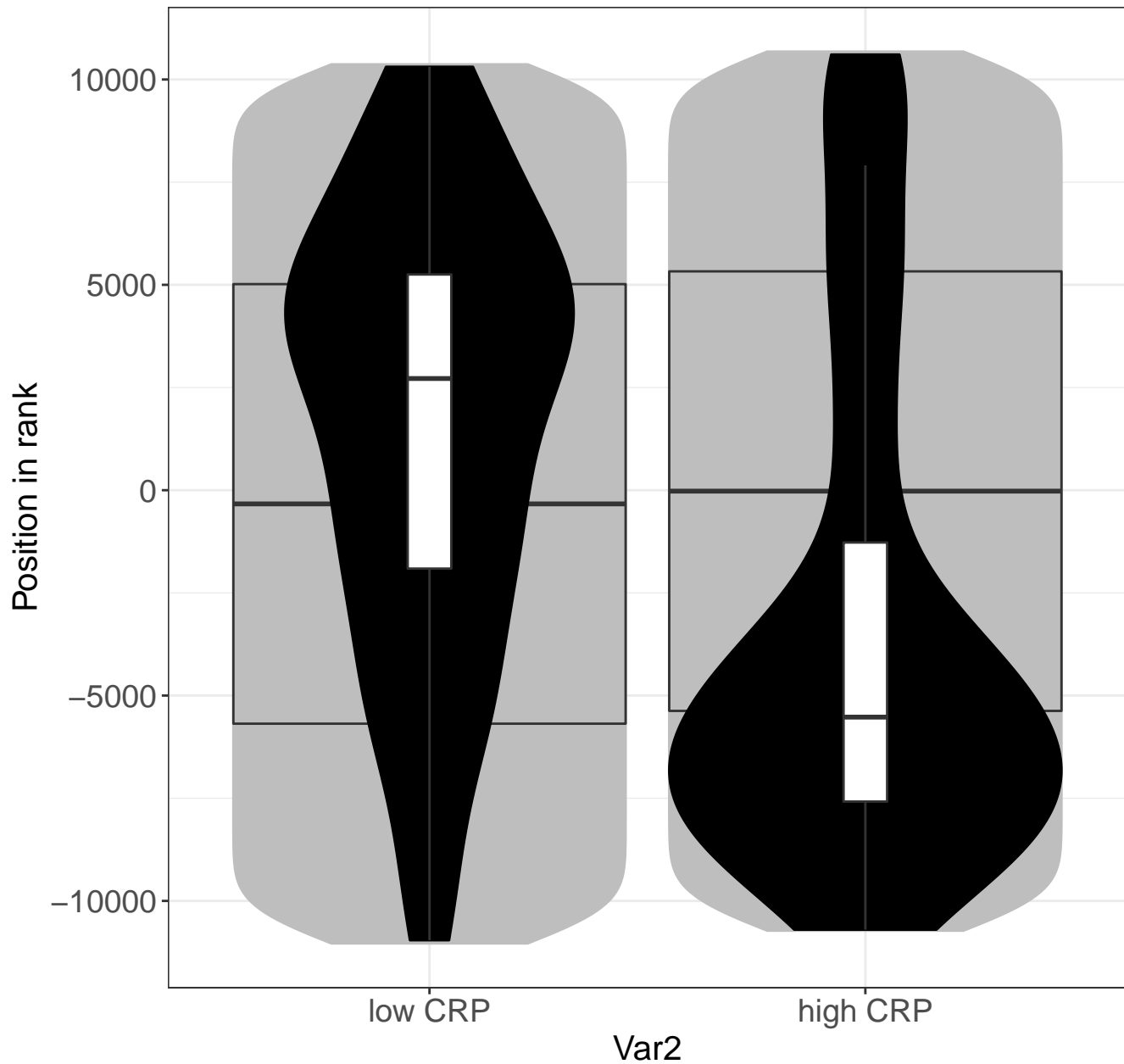
# Regulation of Complement cascade



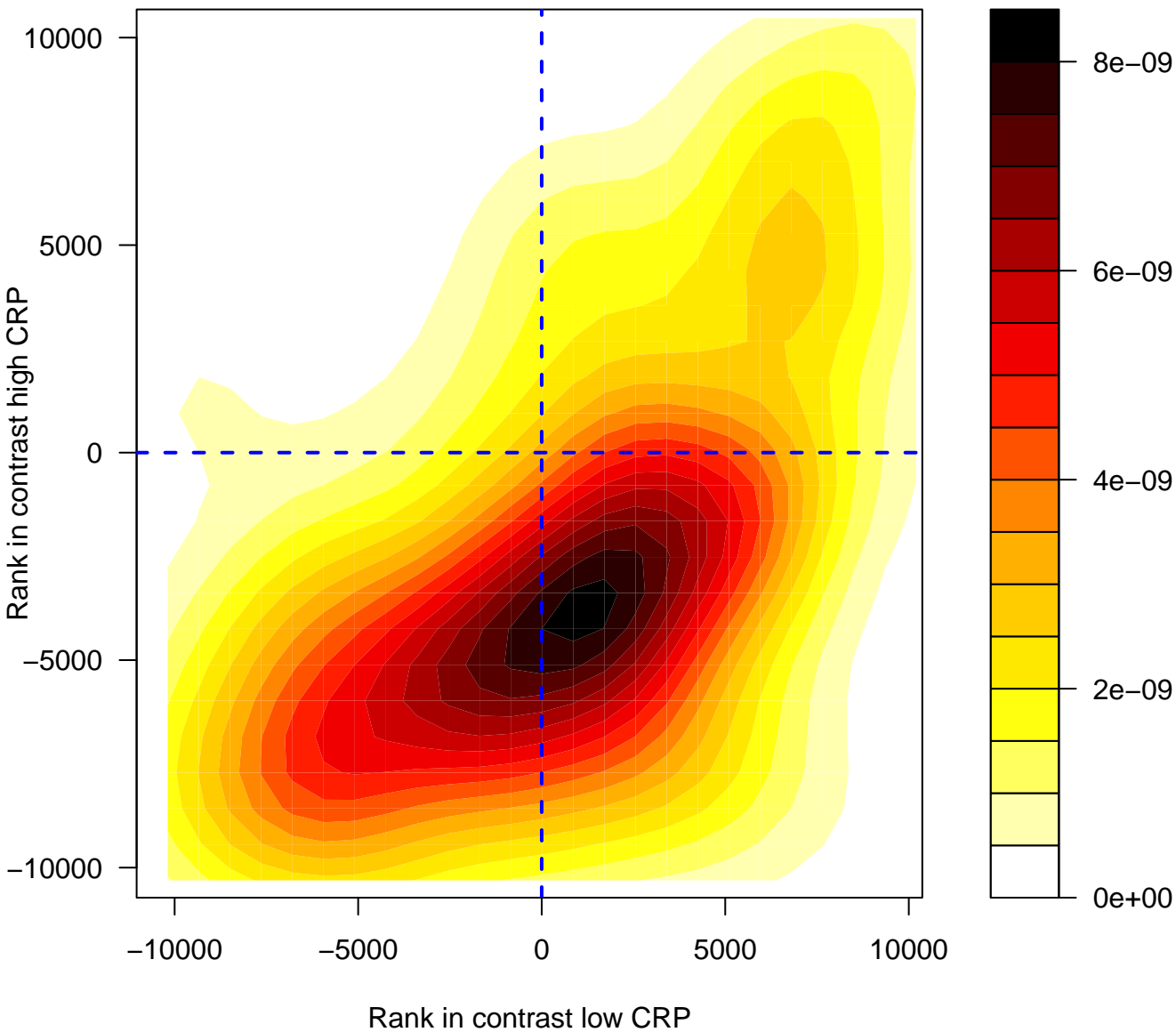
# Regulation of Complement cascade



# Regulation of Complement cascade

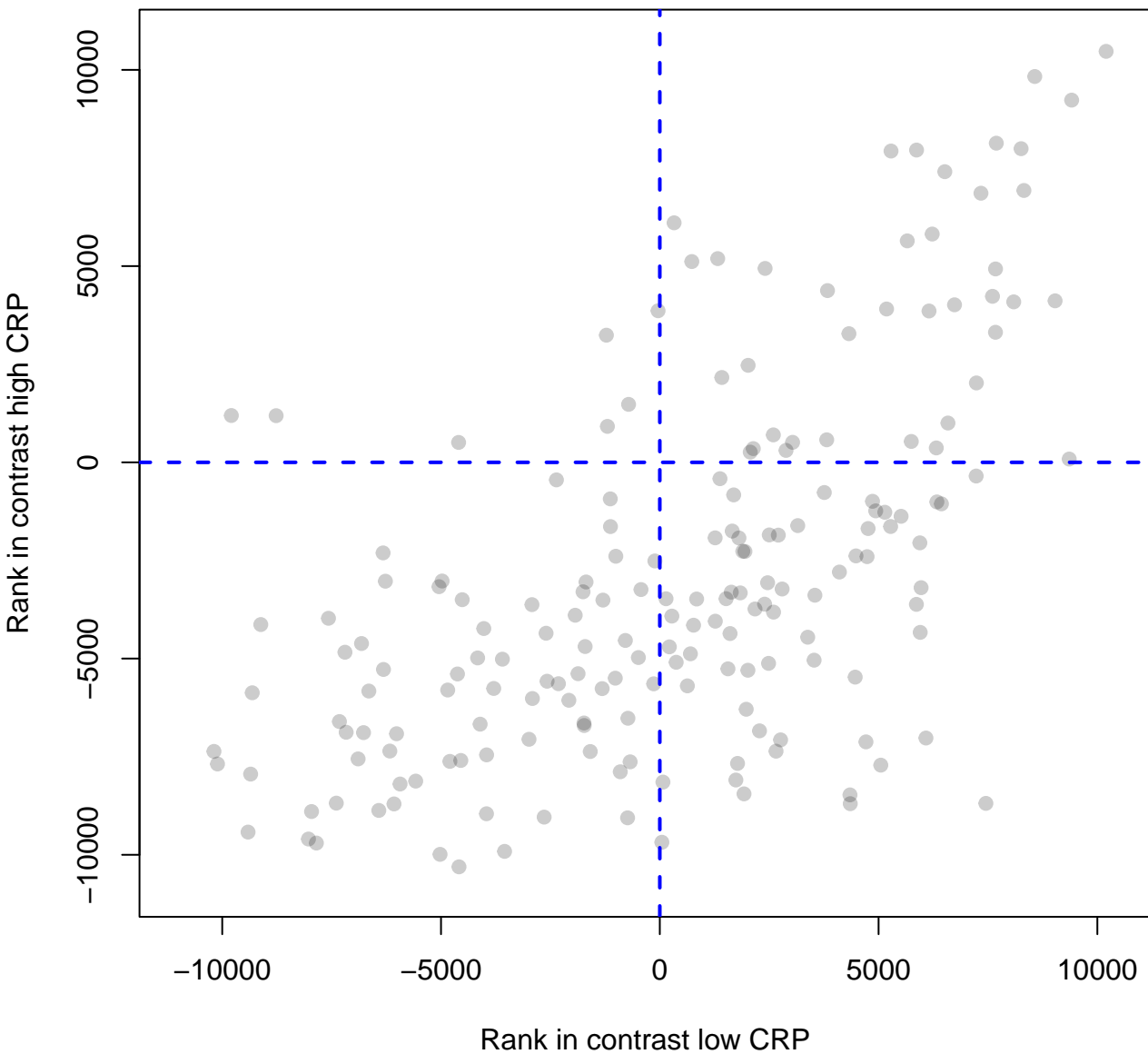


# rRNA processing in the nucleus and cytosol

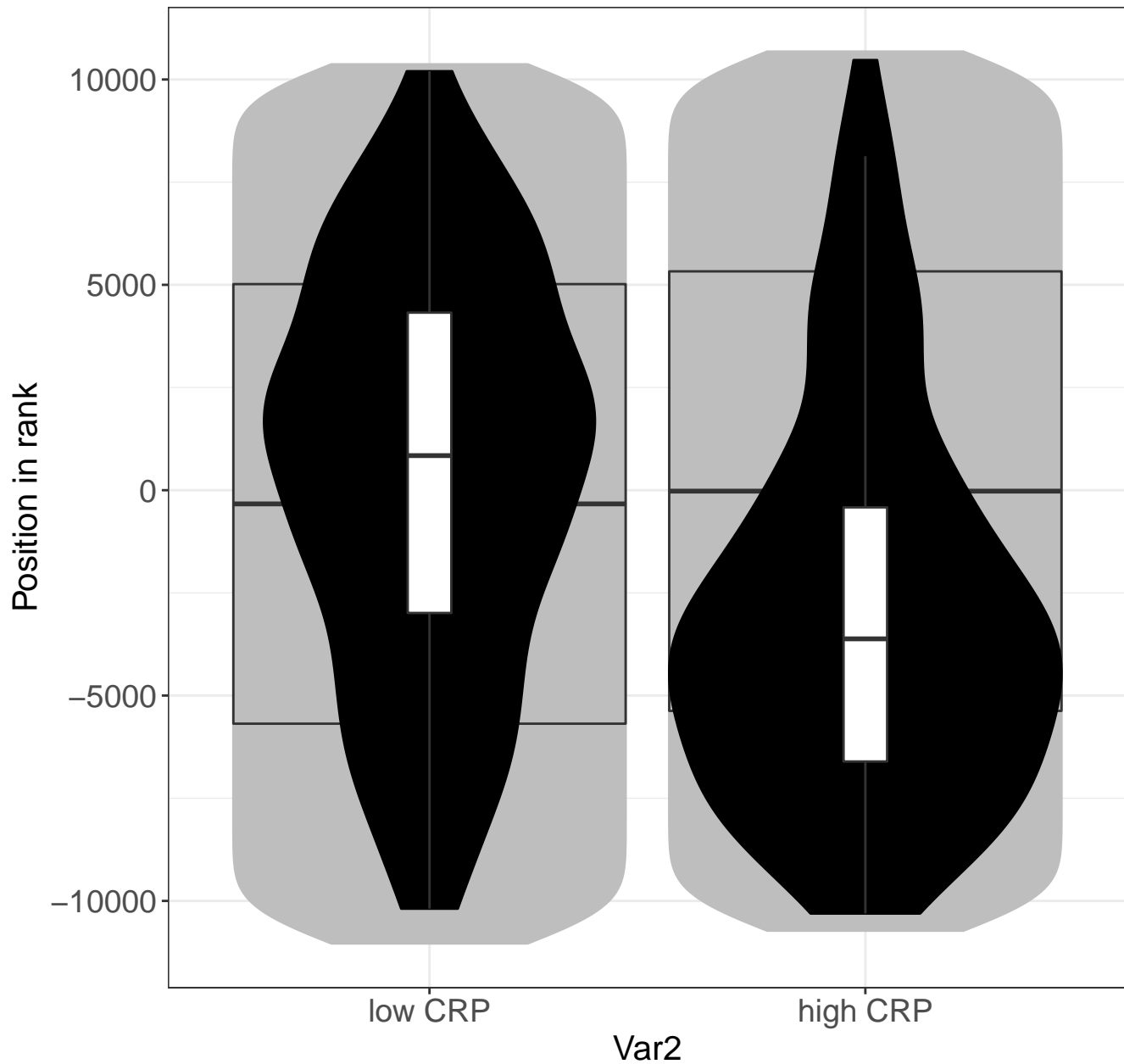




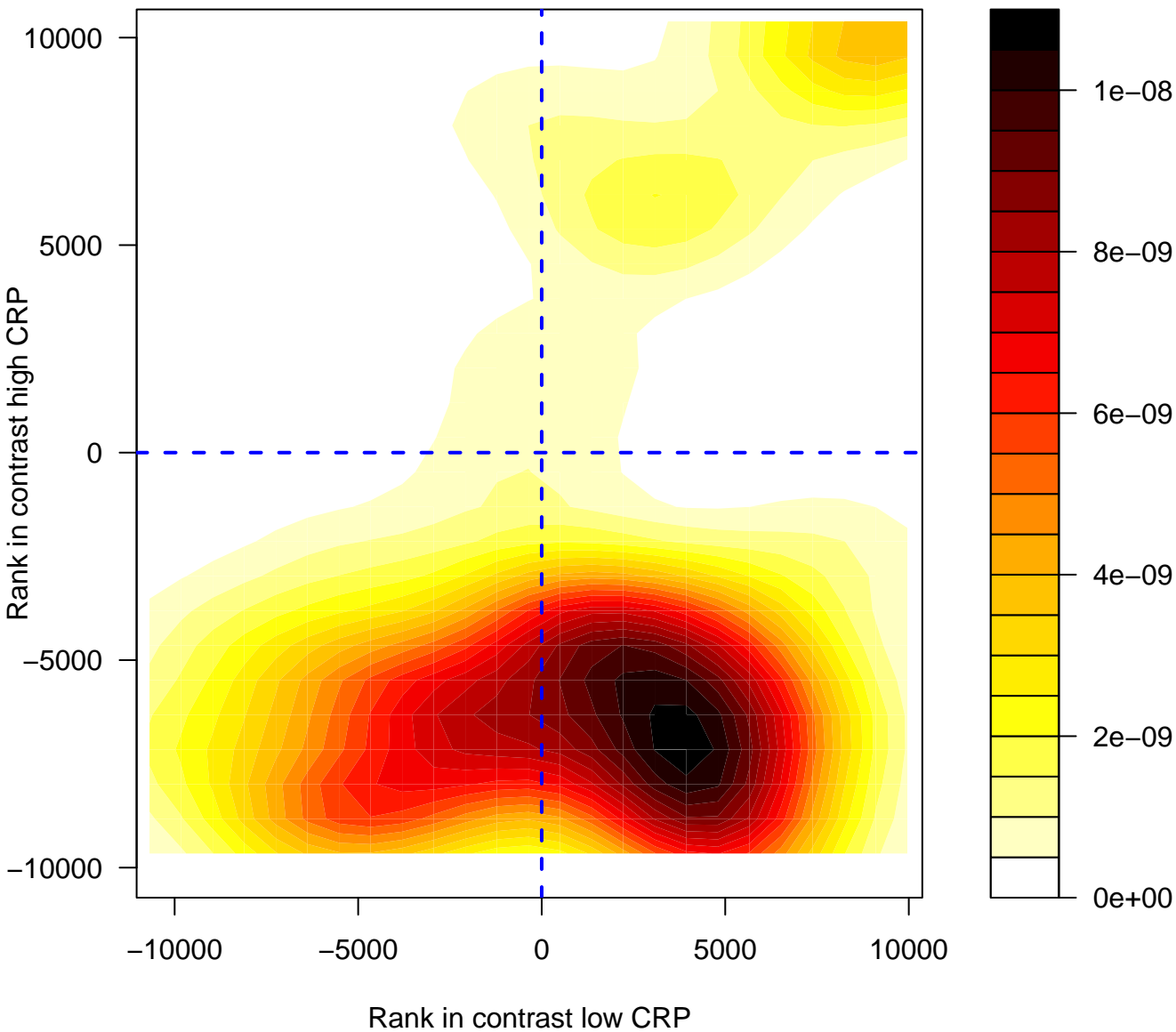
# rRNA processing in the nucleus and cytosol



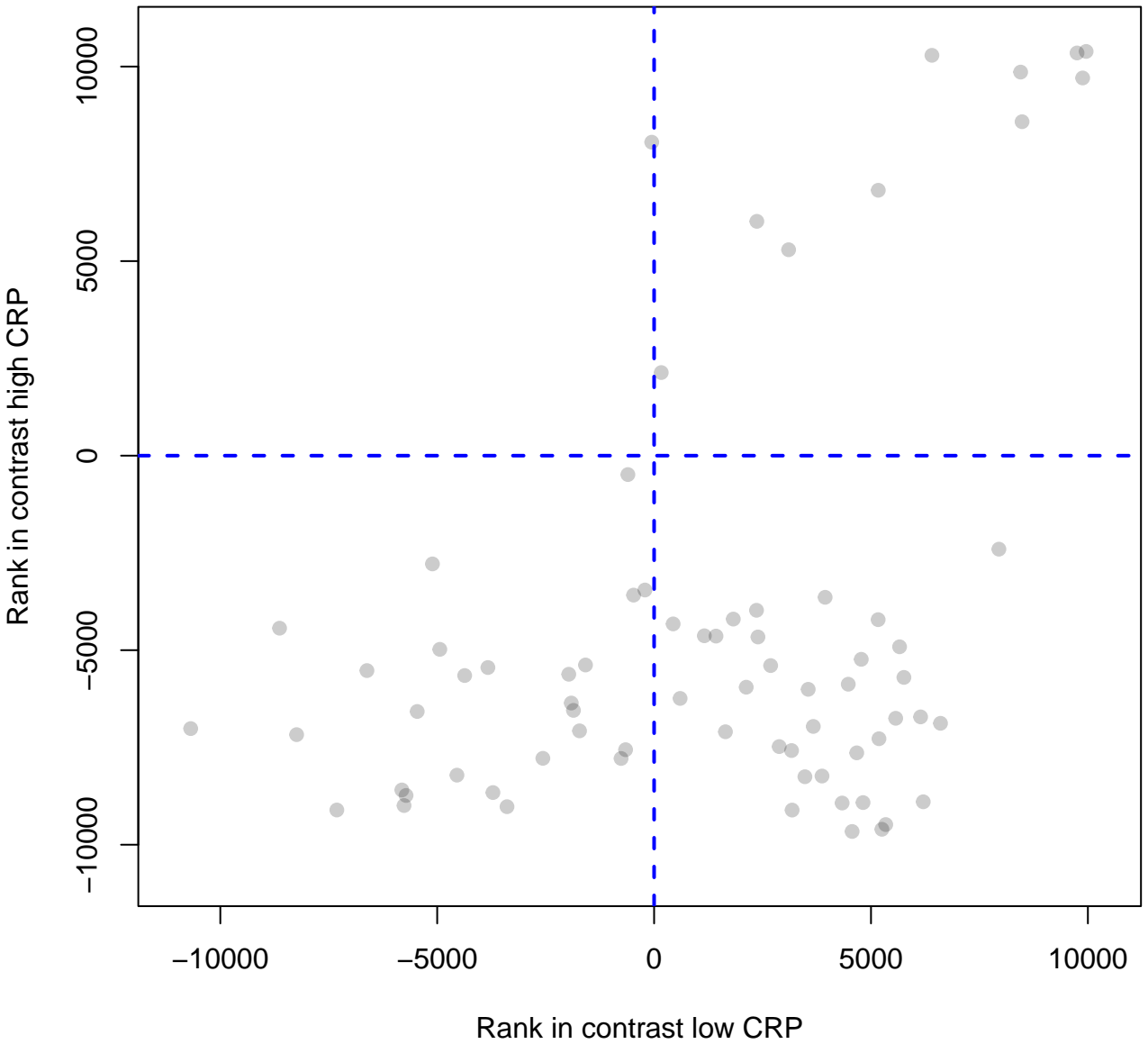
# rRNA processing in the nucleus and cytosol



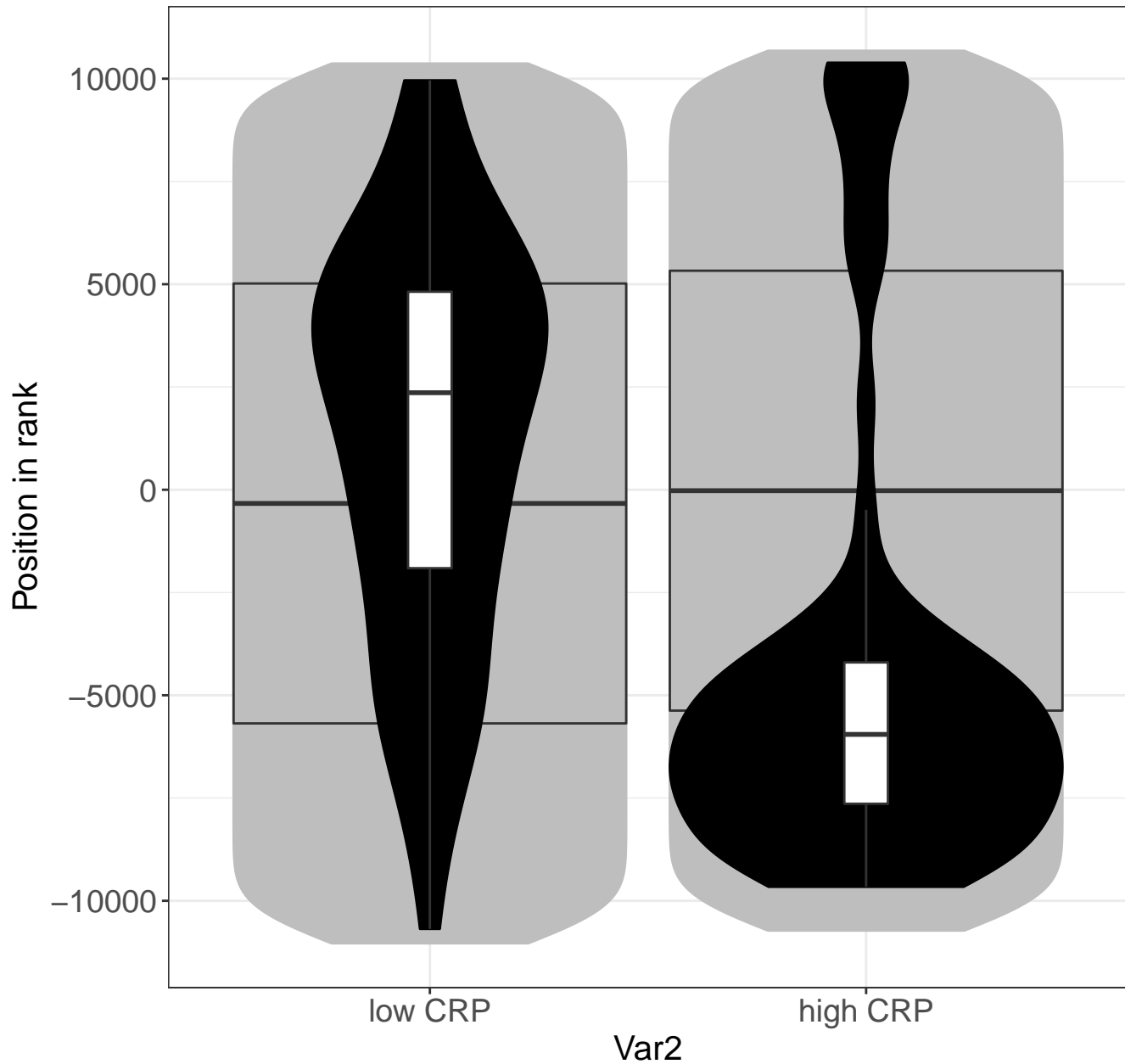
# Role of LAT2/NTAL/LAB on calcium mobilization



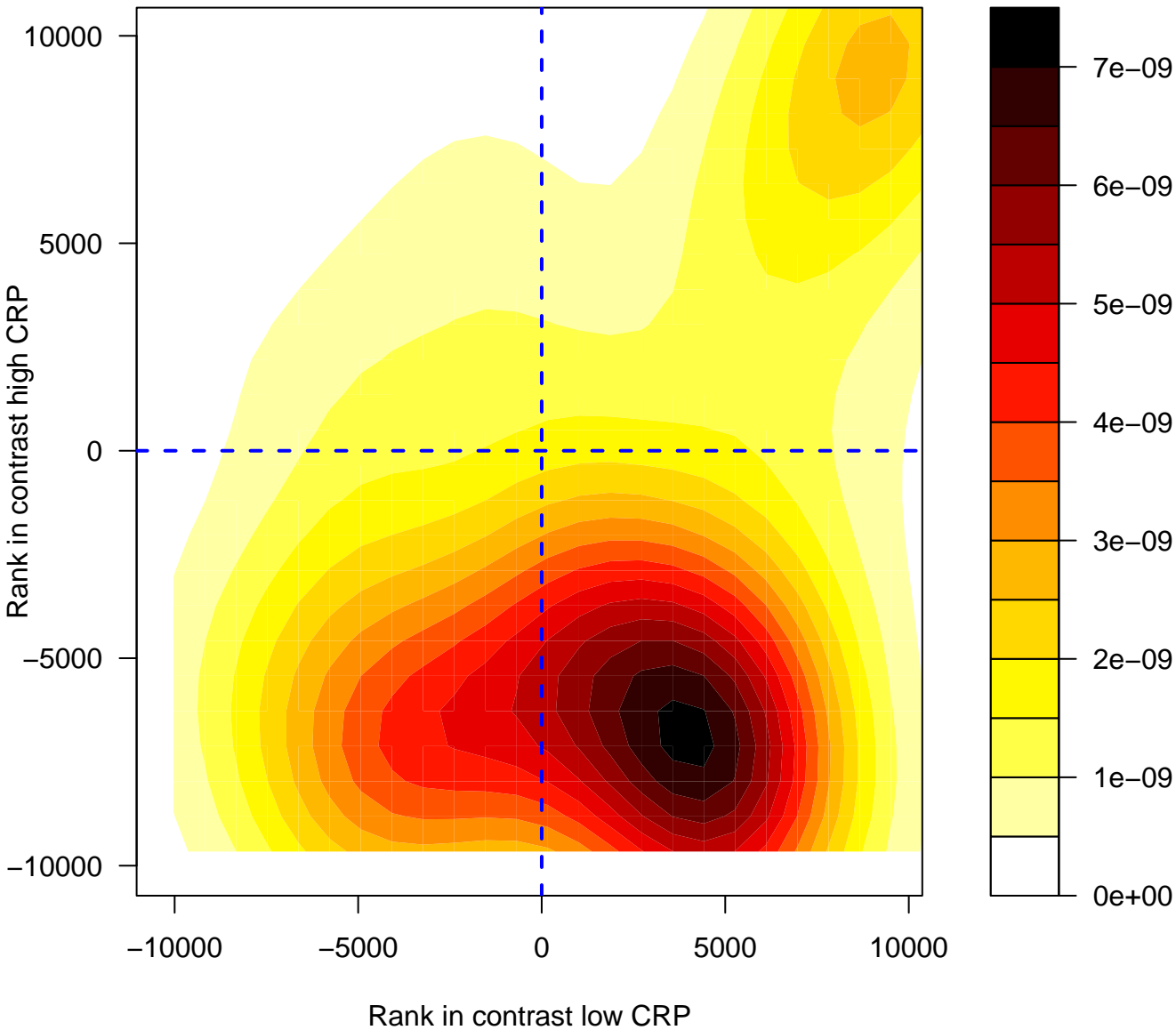
# Role of LAT2/NTAL/LAB on calcium mobilization



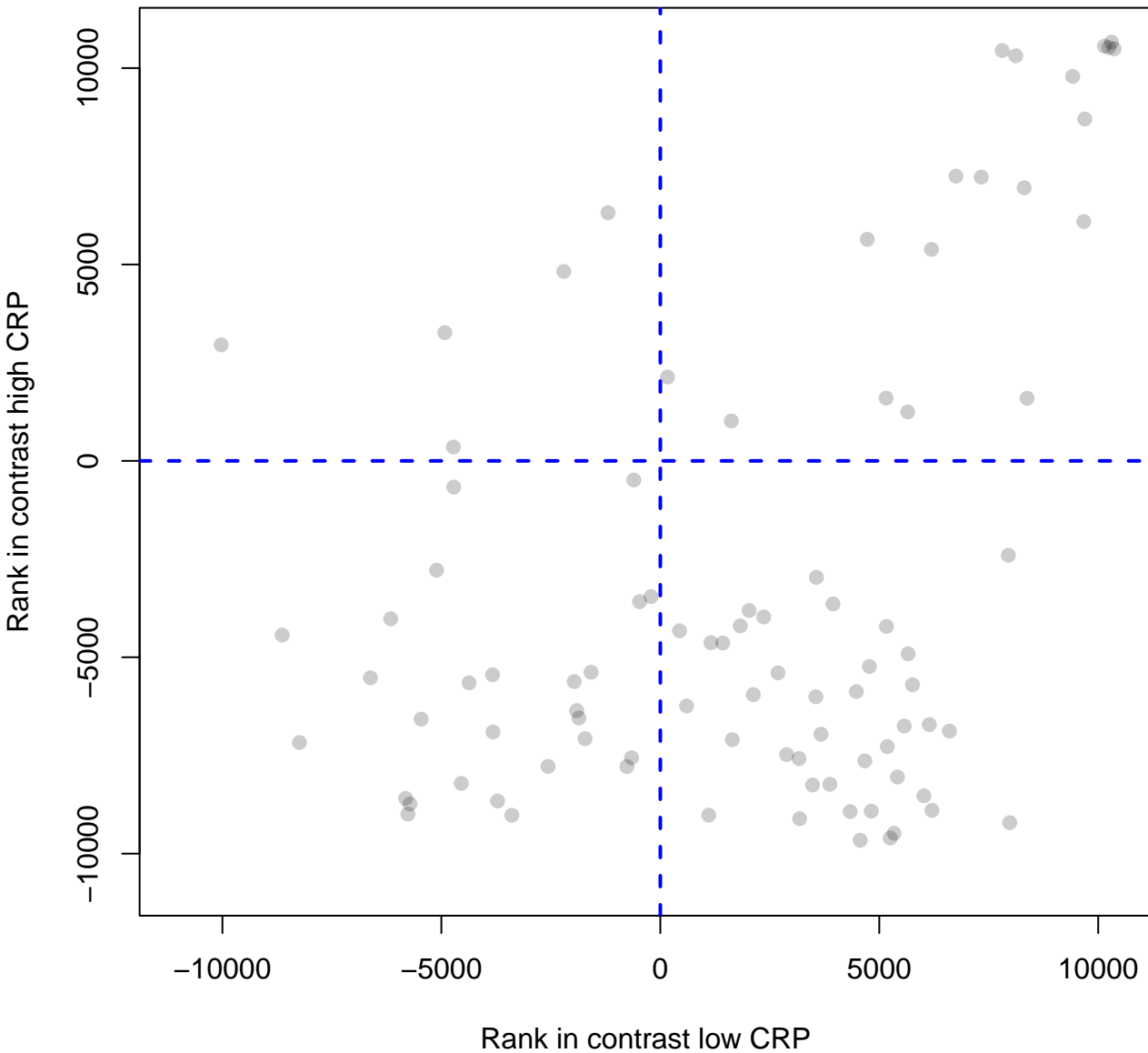
# Role of LAT2/NTAL/LAB on calcium mobilization



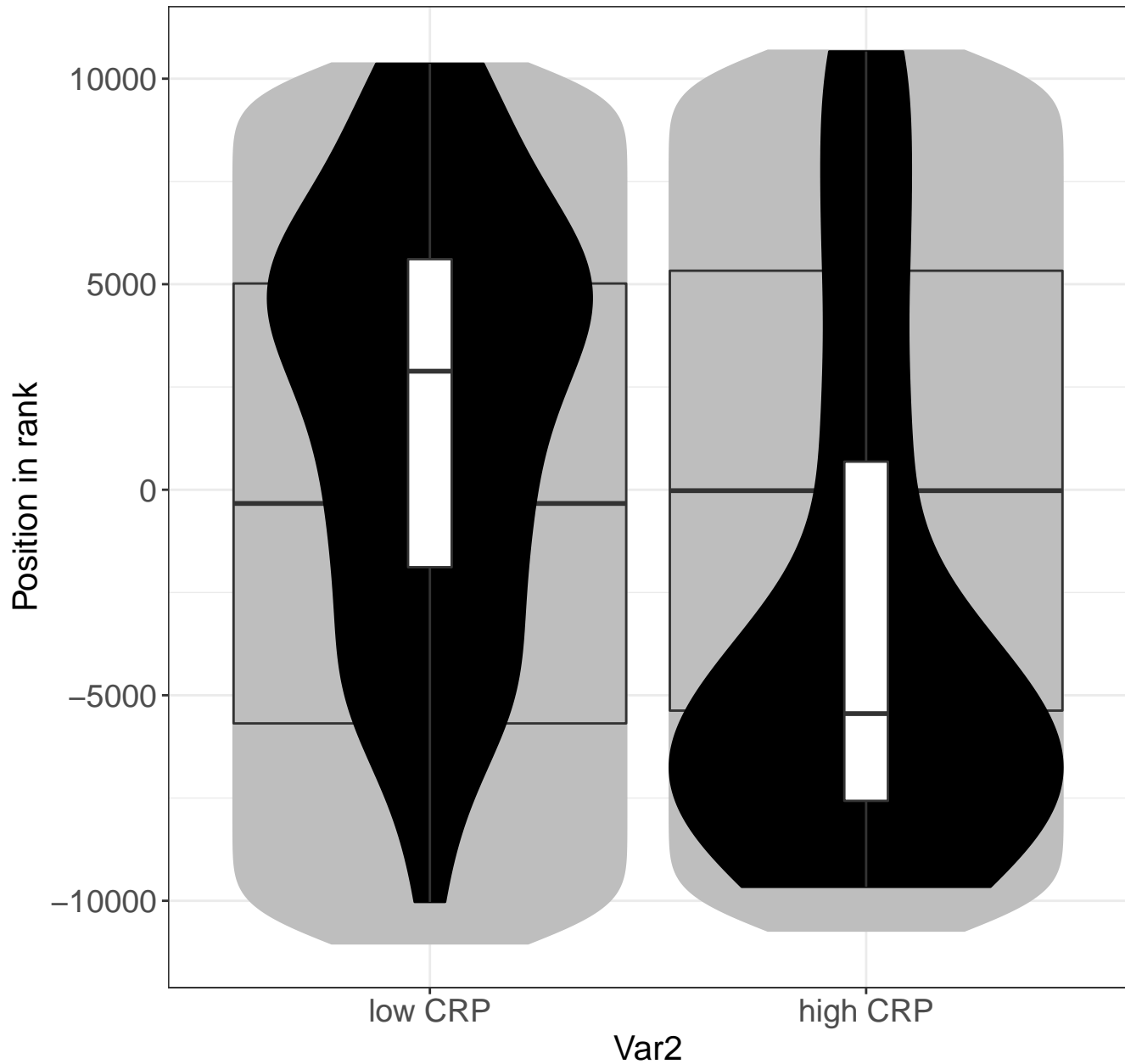
# Binding and Uptake of Ligands by Scavenger Receptors



# Binding and Uptake of Ligands by Scavenger Receptors

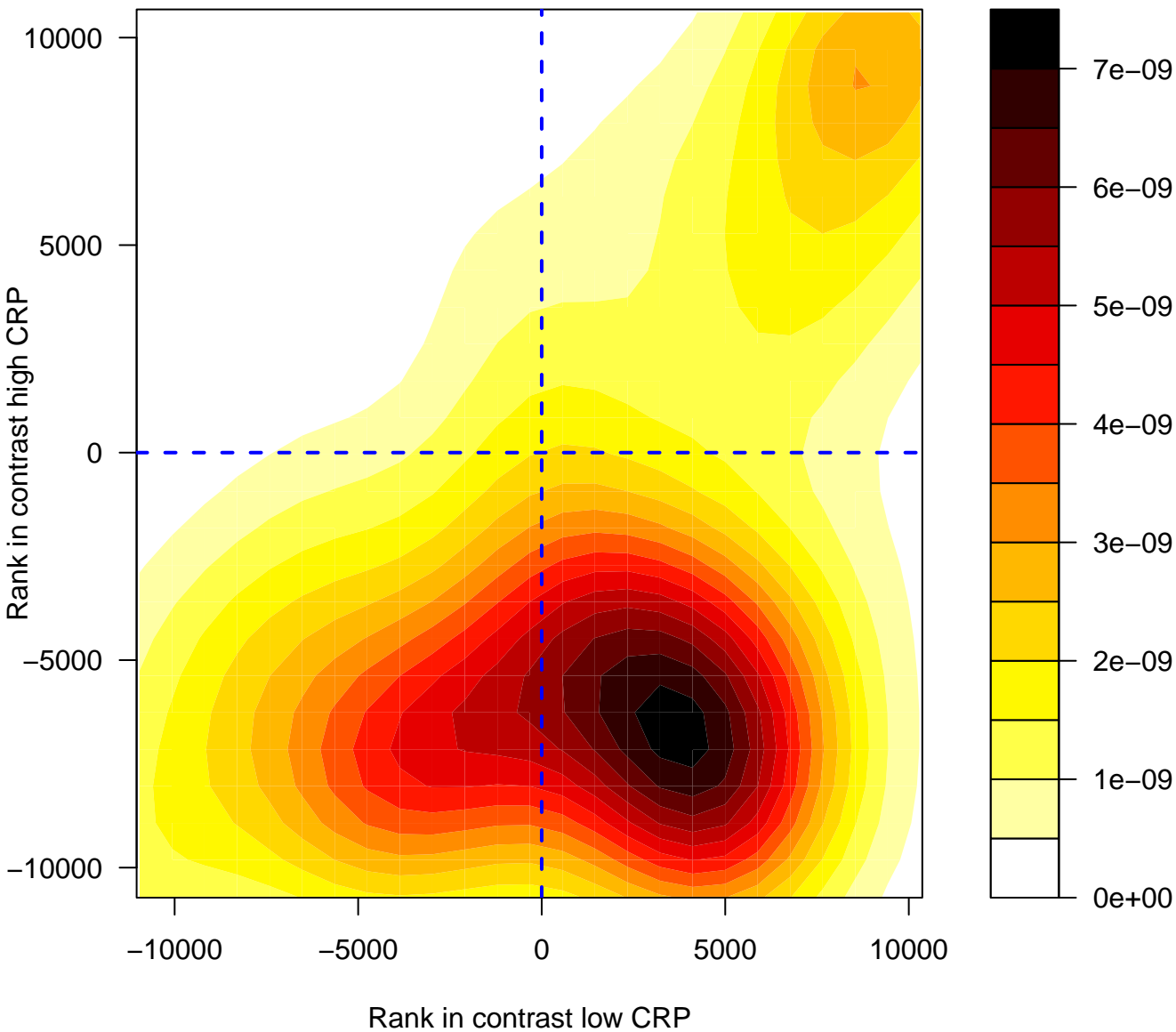


# Binding and Uptake of Ligands by Scavenger Re

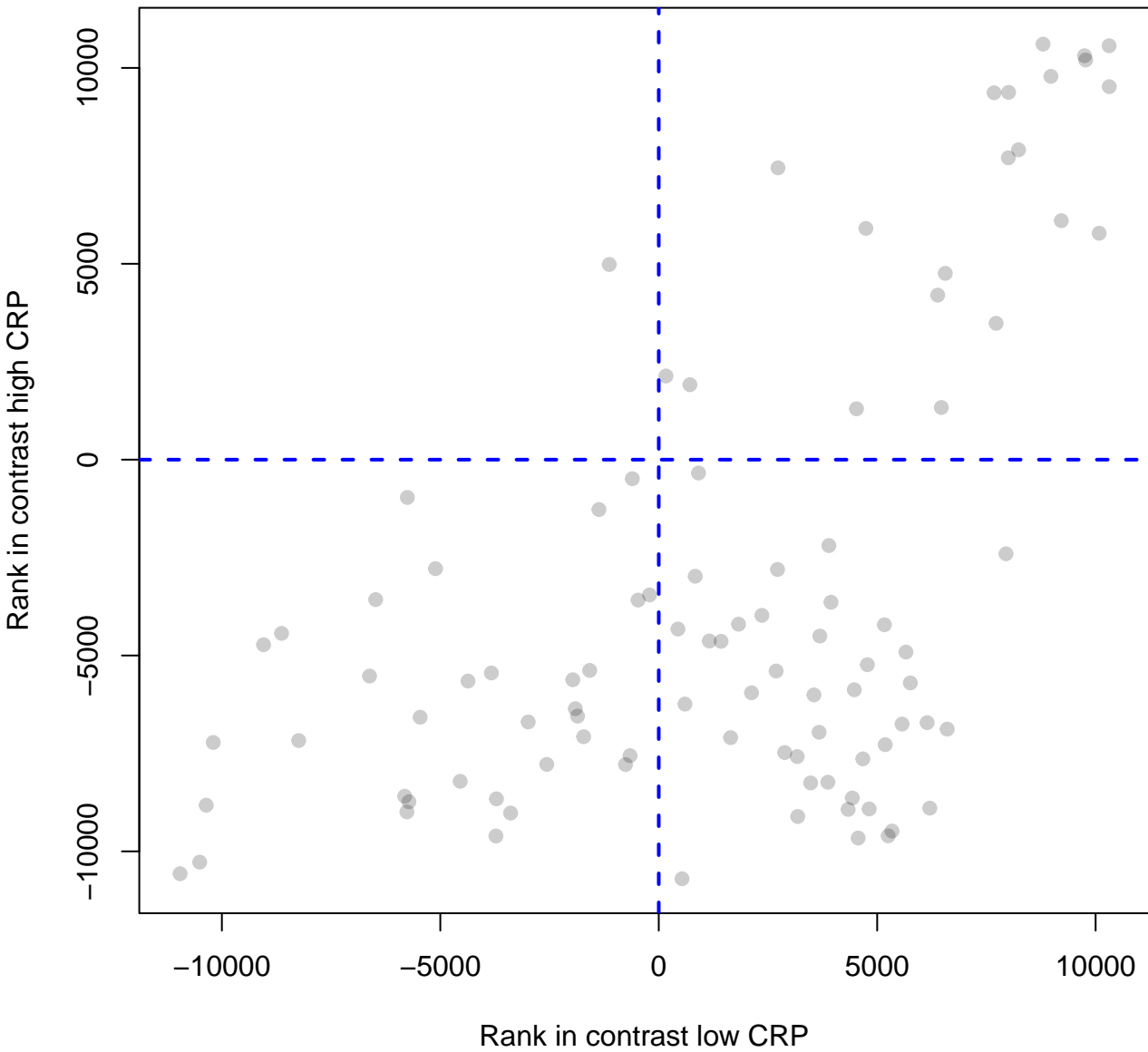




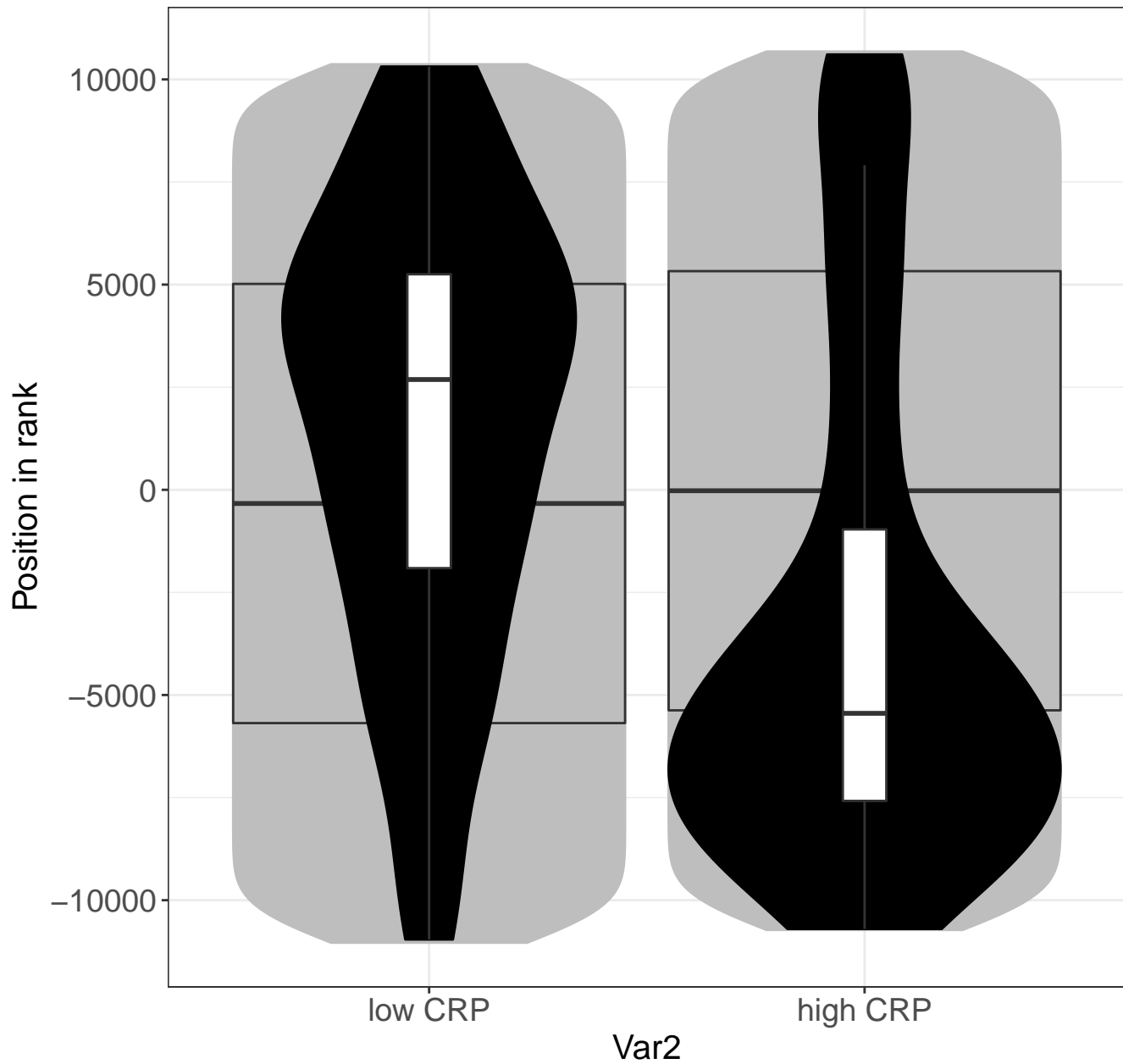
# Complement cascade



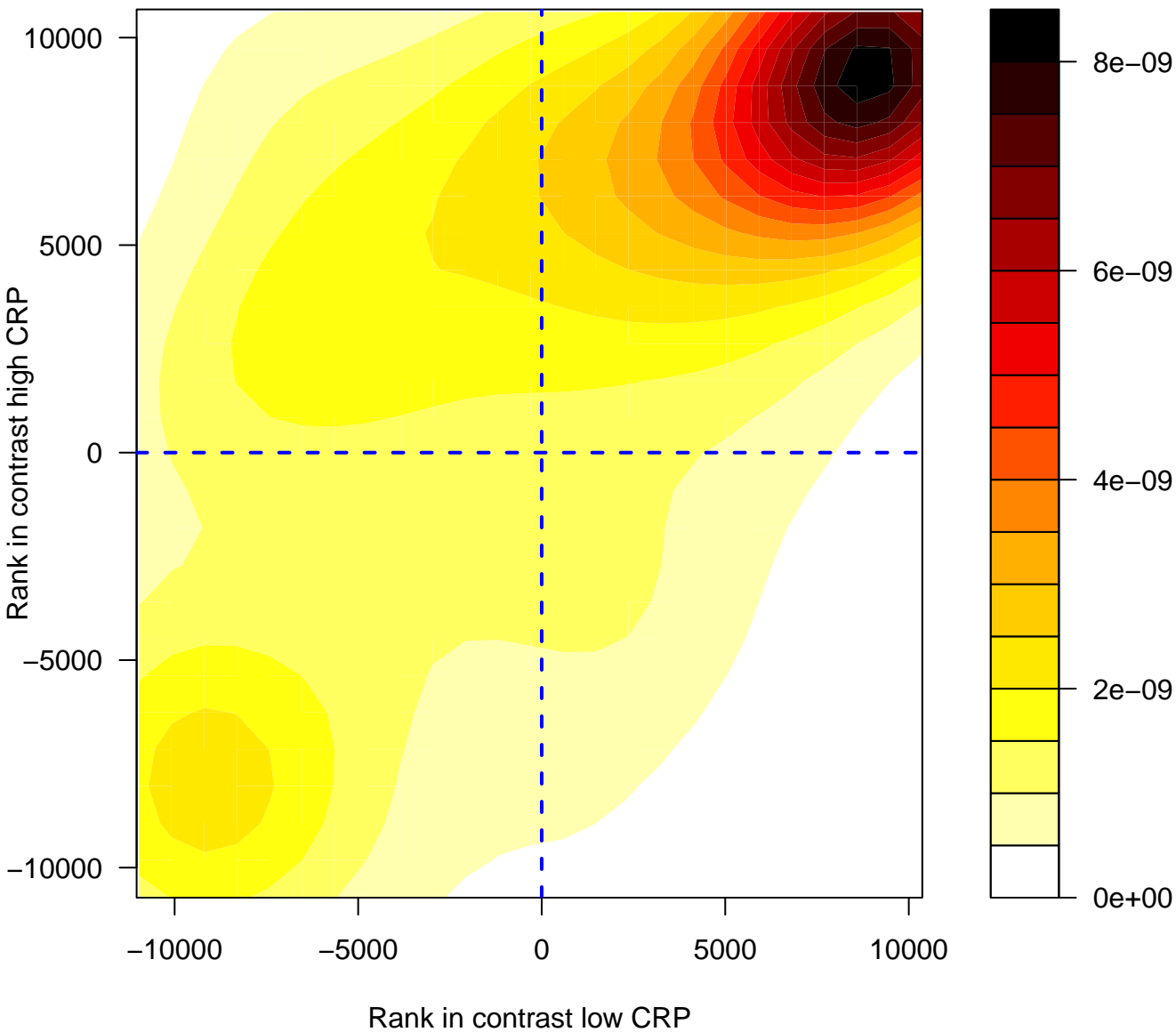
# Complement cascade



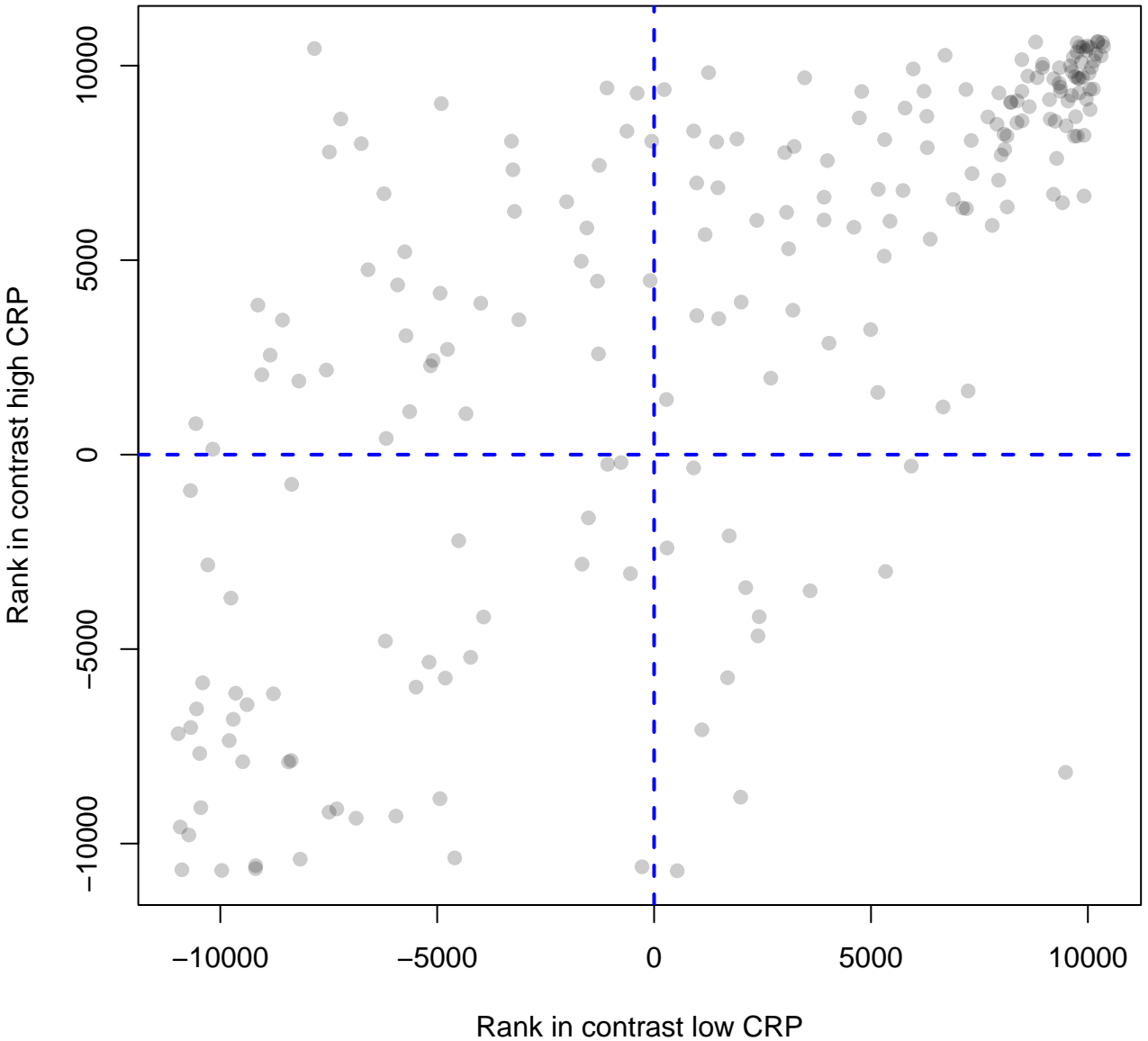
# Complement cascade



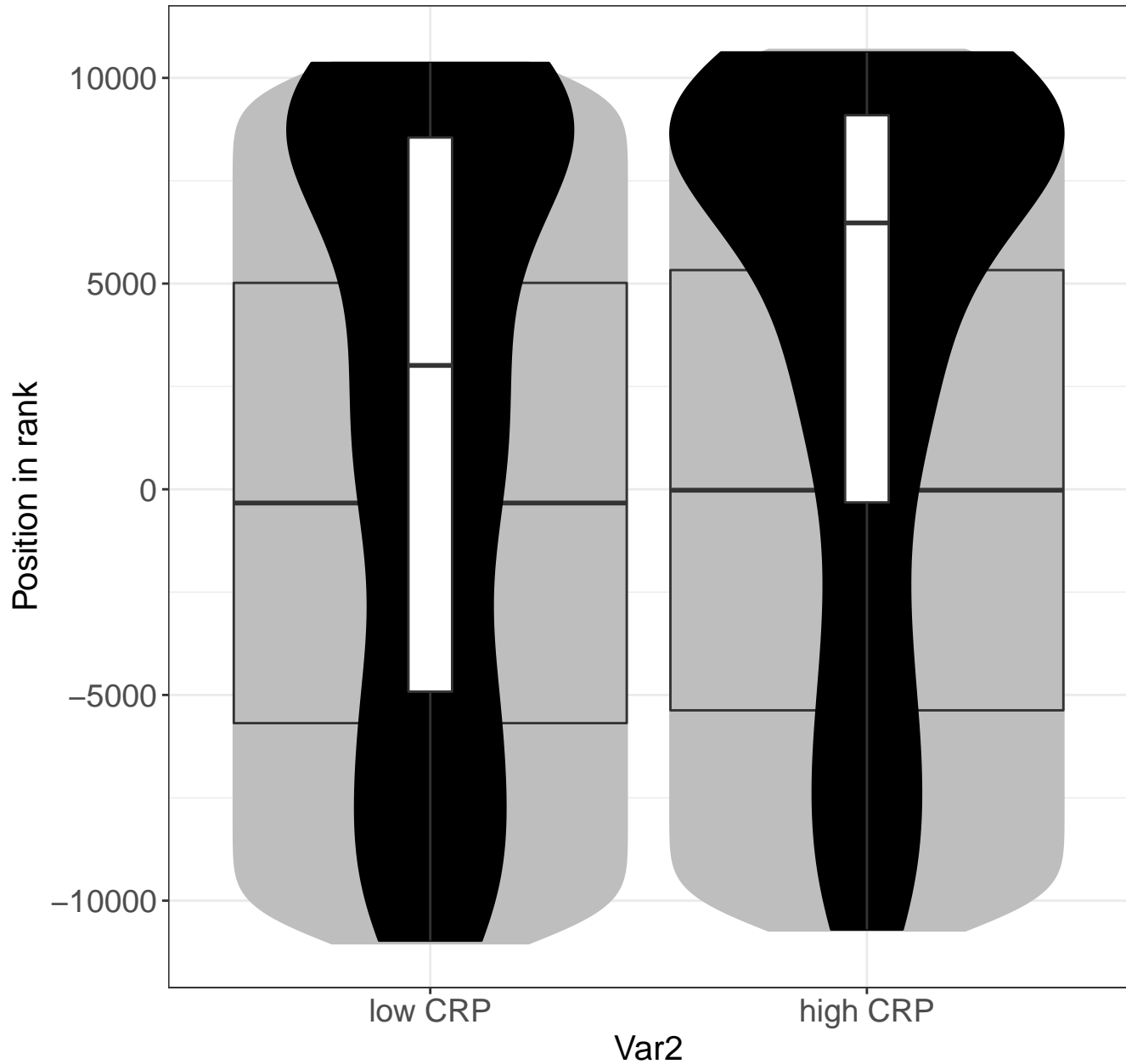
# Platelet activation, signaling and aggregation



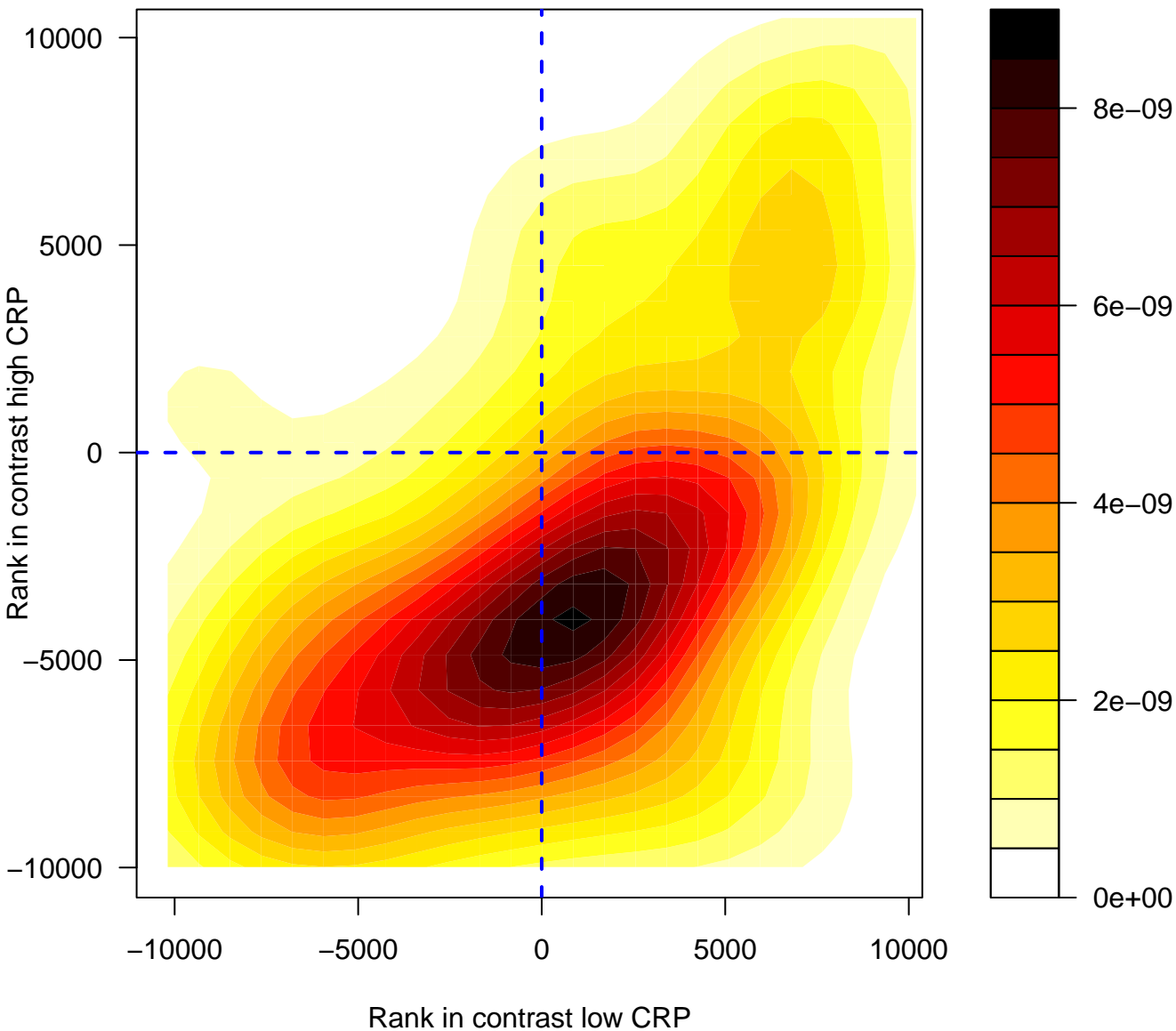
# Platelet activation, signaling and aggregation



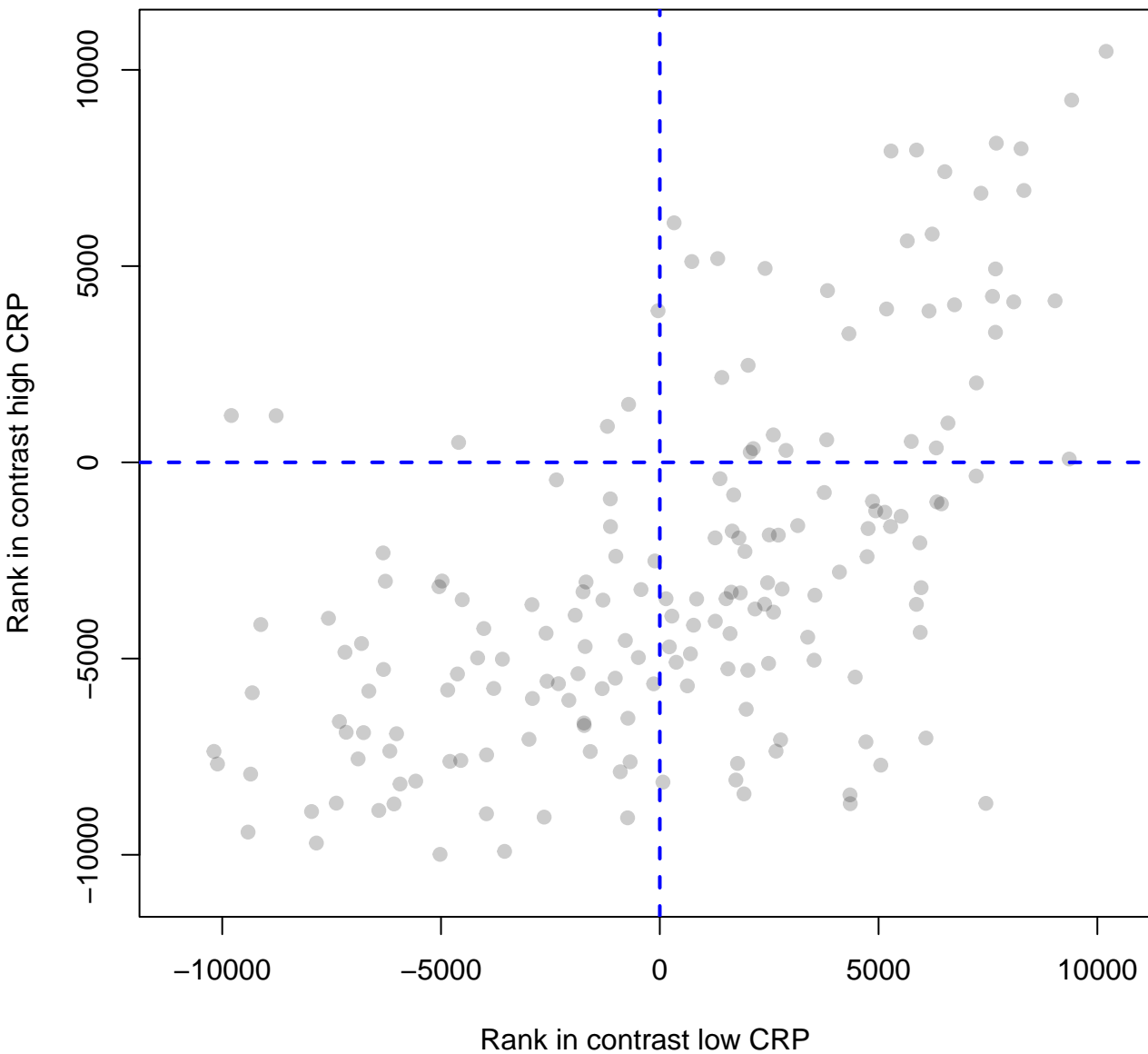
# Platelet activation, signaling and aggregation



# Major pathway of rRNA processing in the nucleolus and cytoplasm

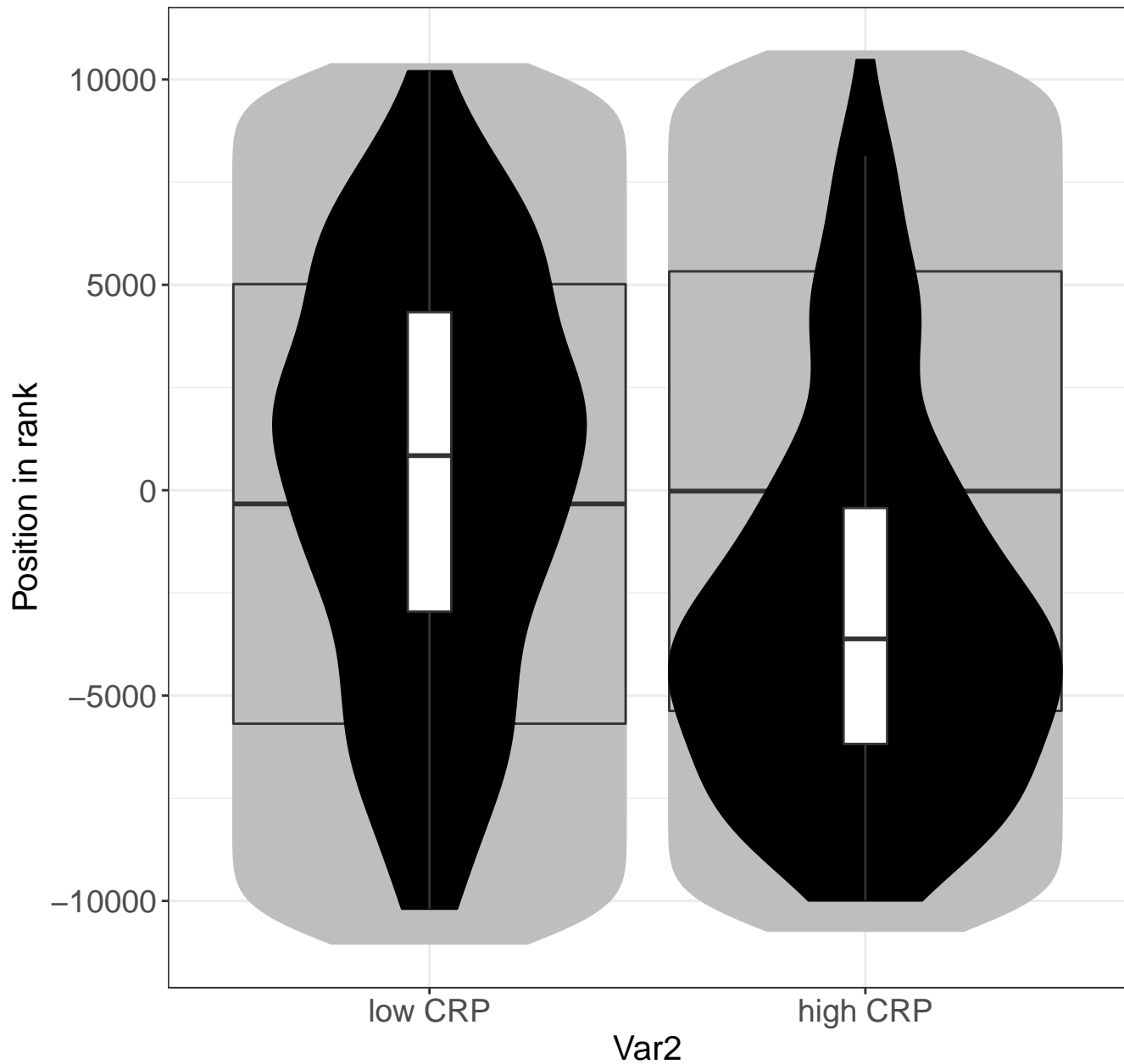


# Major pathway of rRNA processing in the nucleolus and cytosol

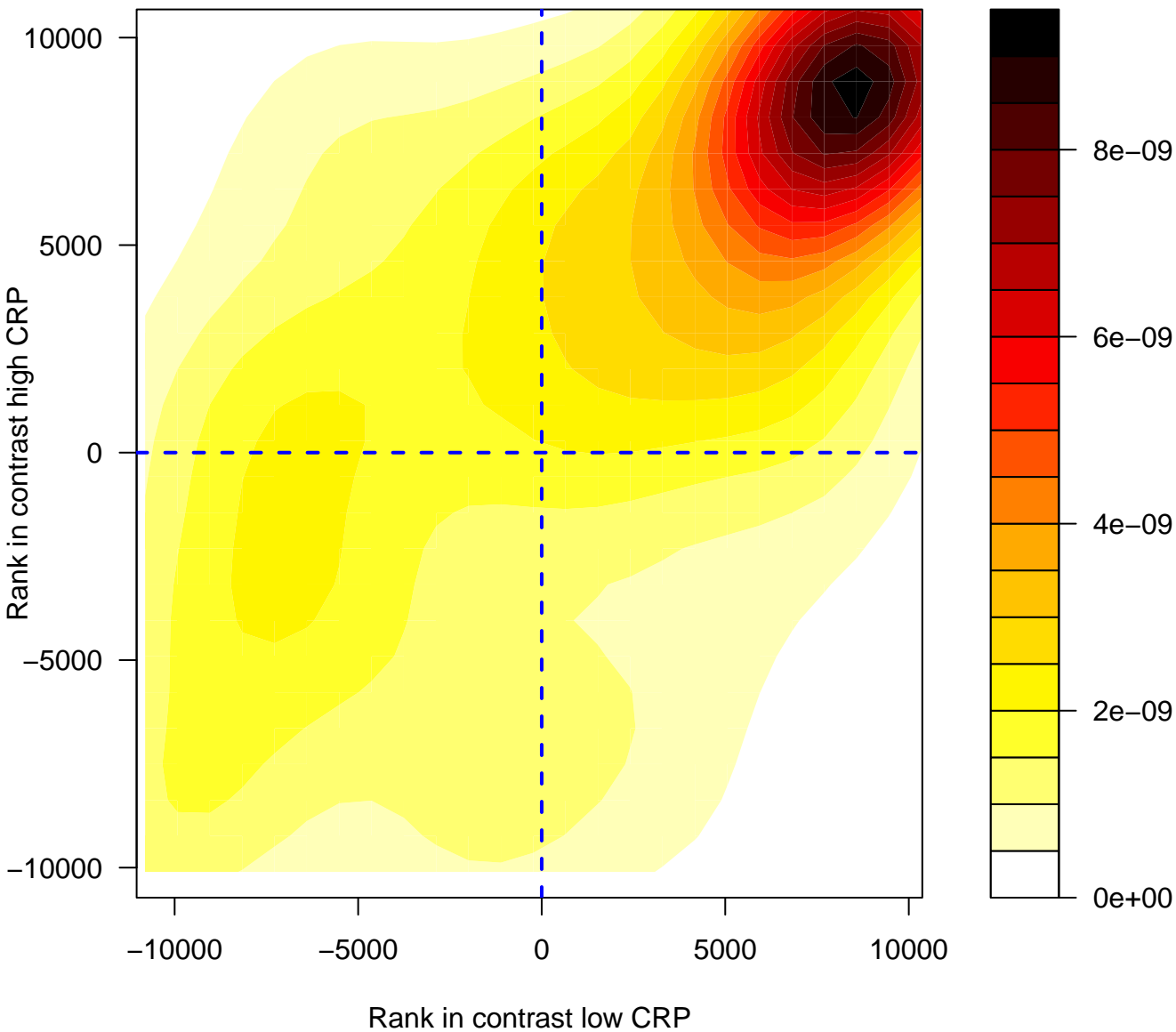




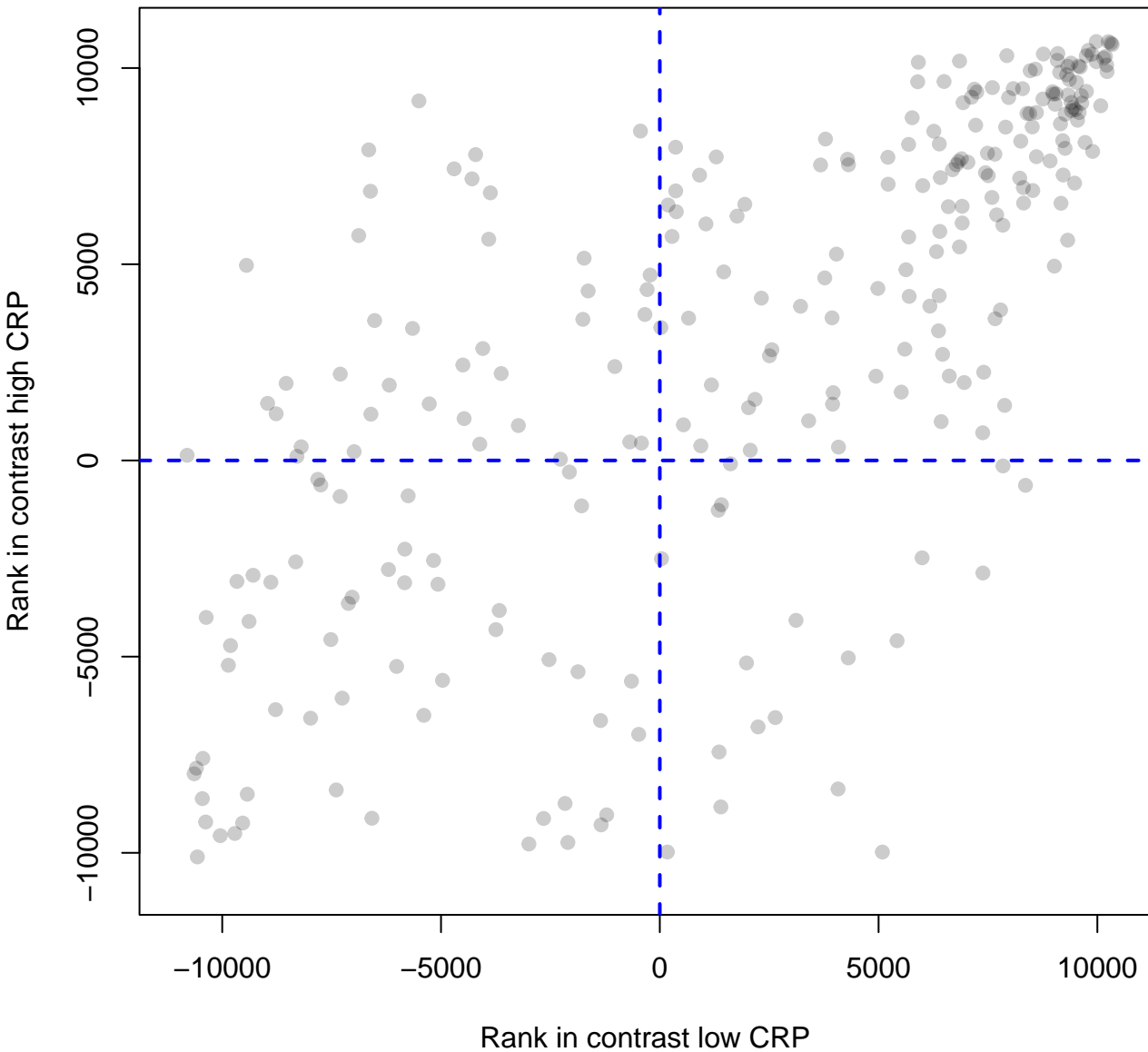
# Major pathway of rRNA processing in the nucleol



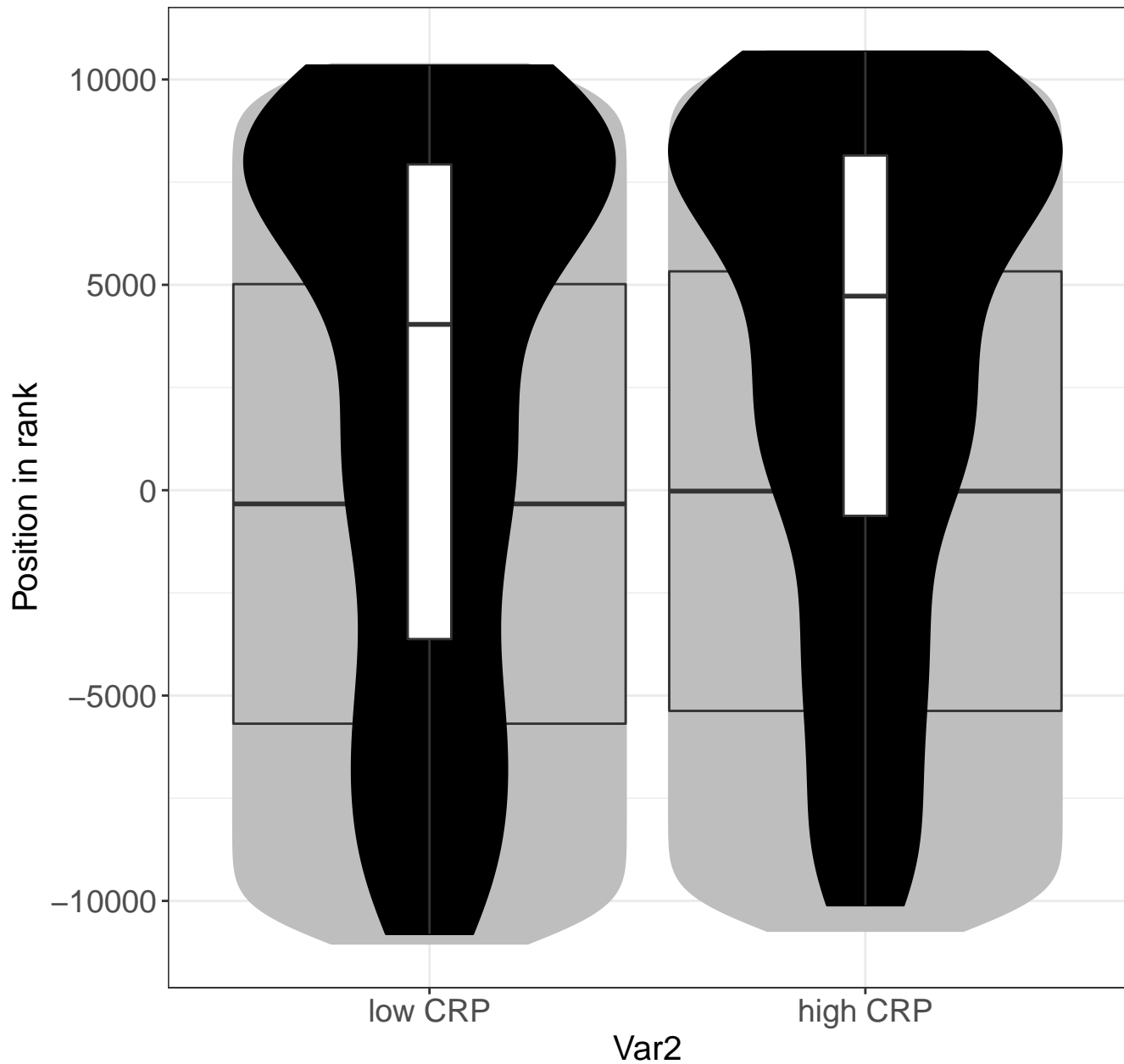
# Asparagine N-linked glycosylation



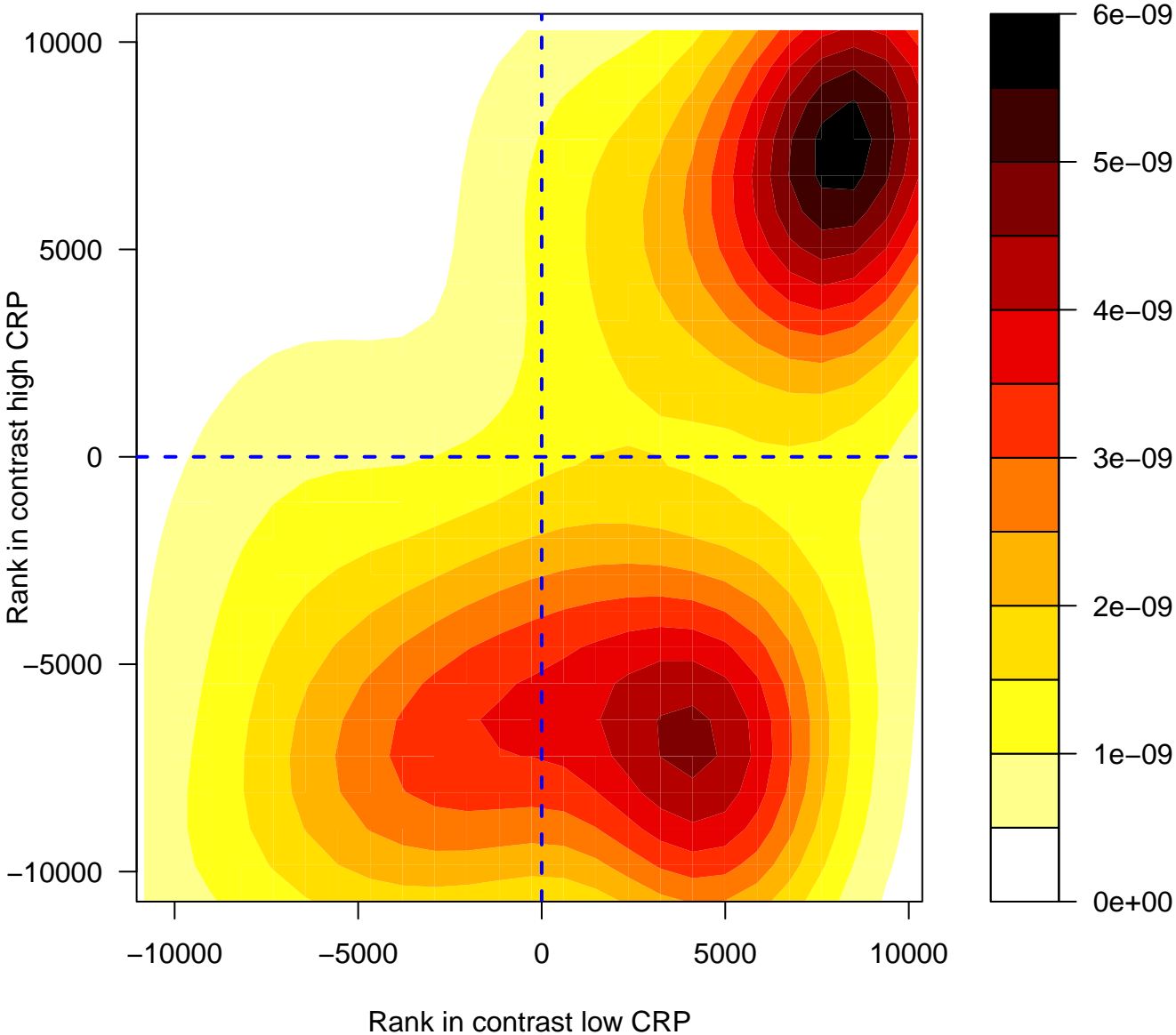
# Asparagine N-linked glycosylation



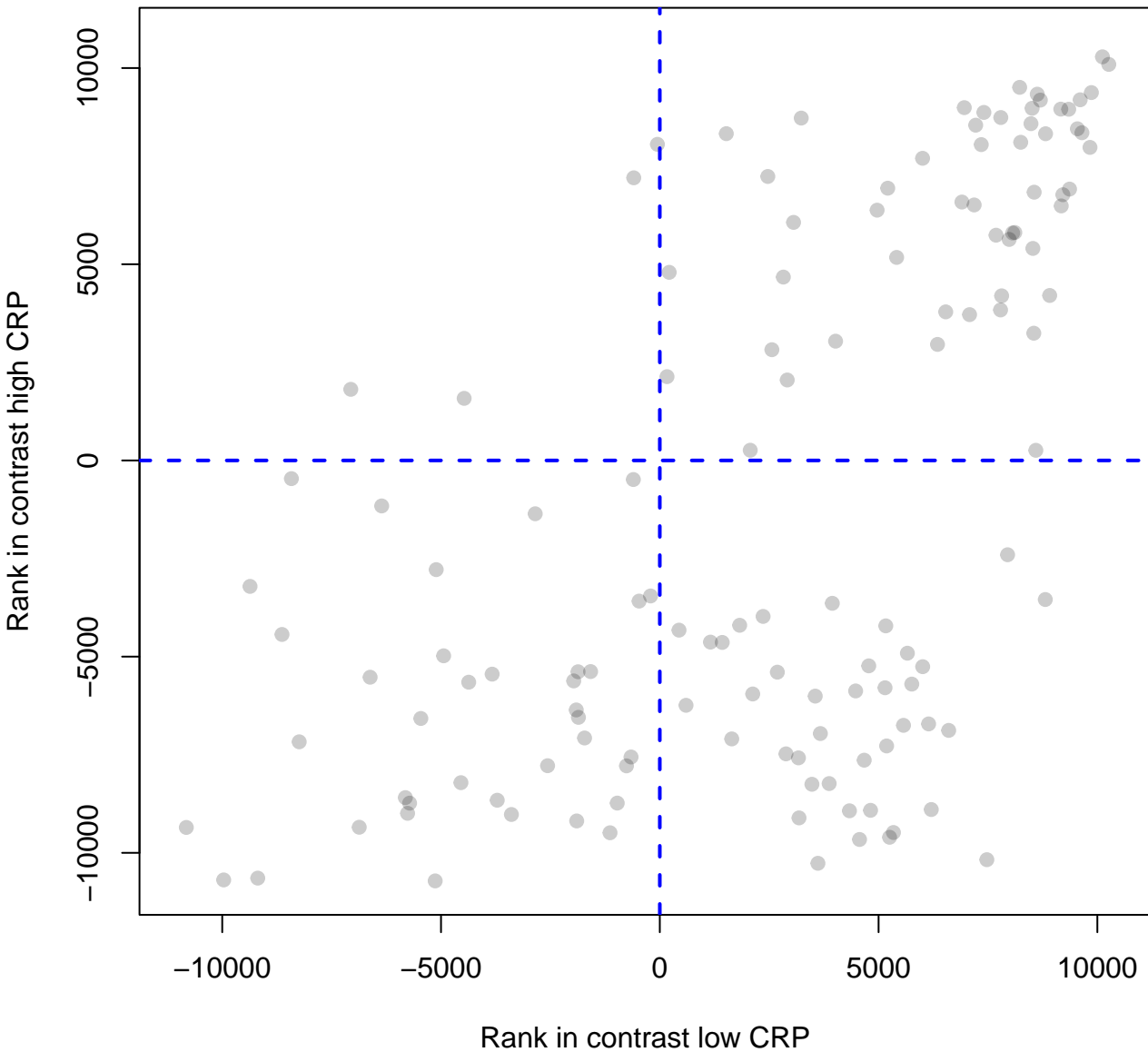
# Asparagine N-linked glycosylation



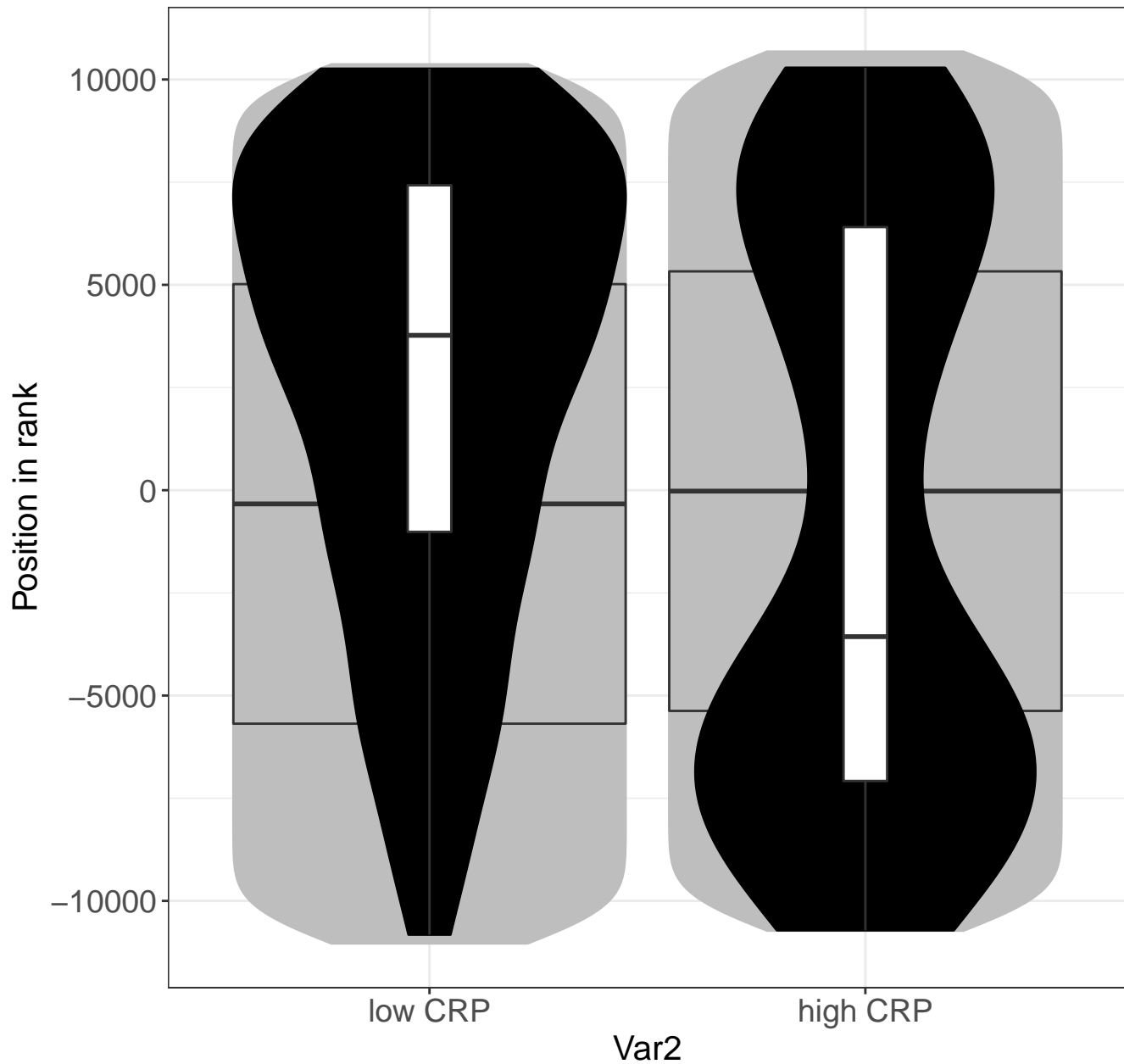
# FCERI mediated NF- $\kappa$ B activation



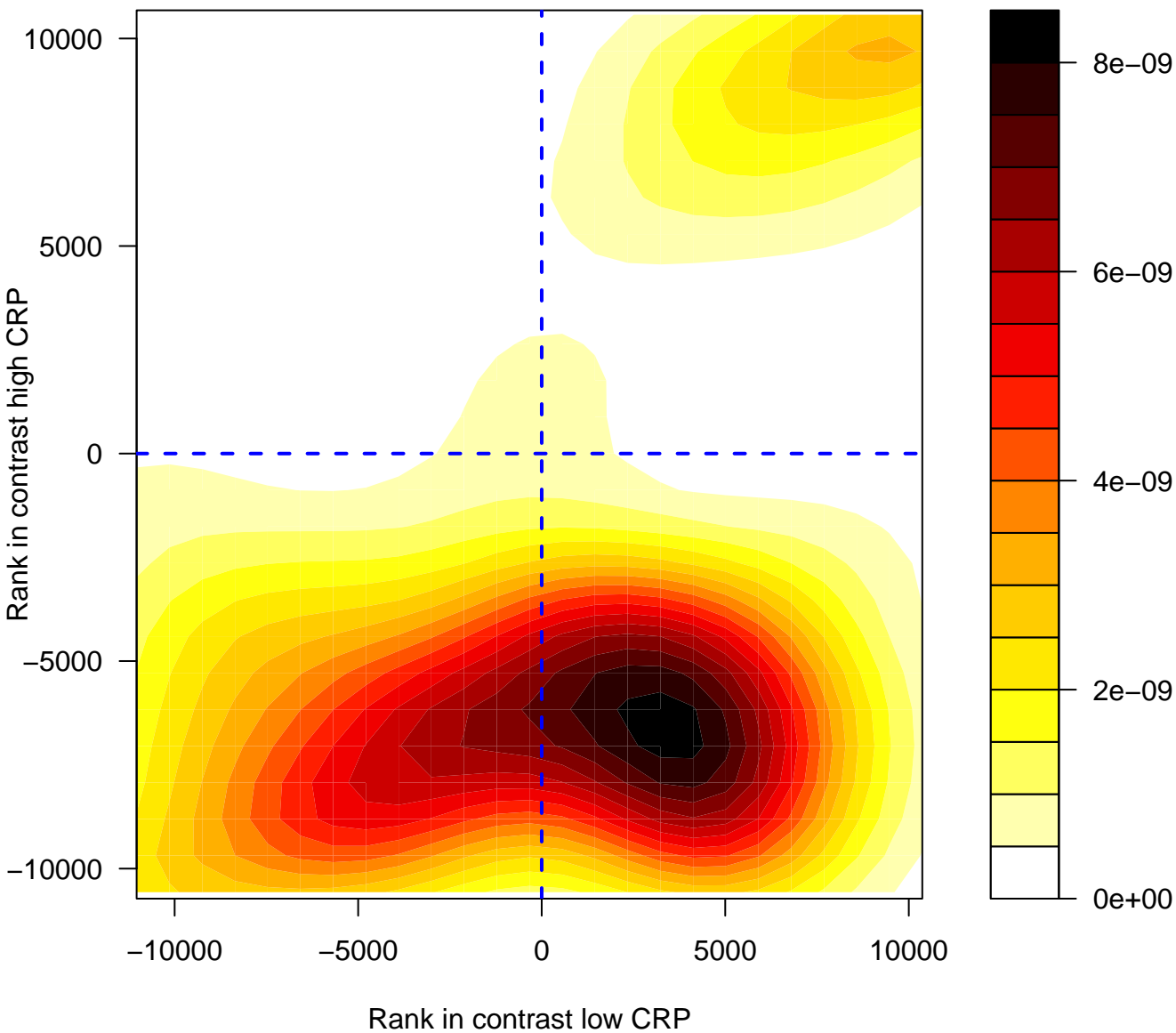
# FCERI mediated NF- $\kappa$ B activation



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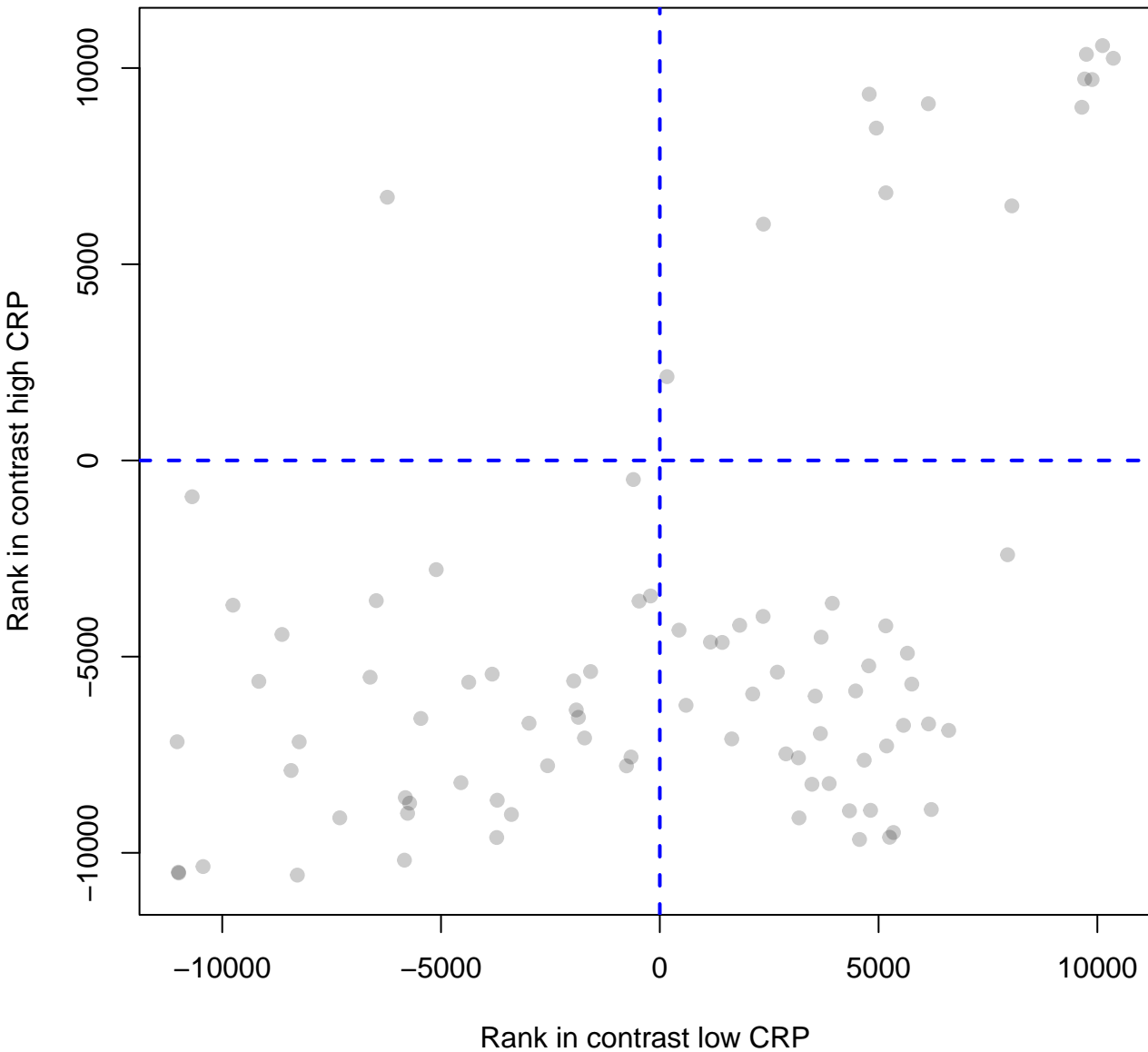


# Role of phospholipids in phagocytosis

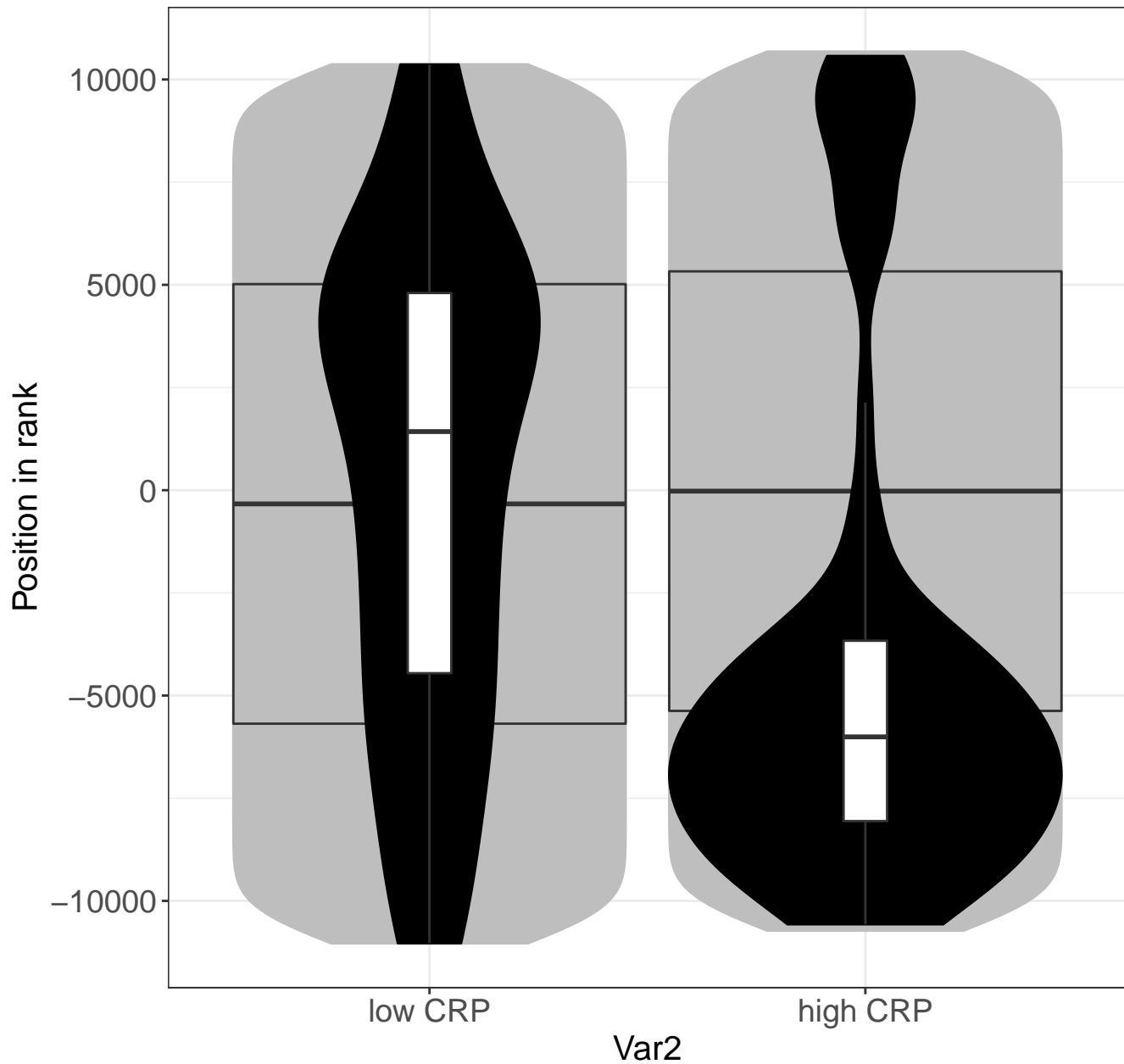




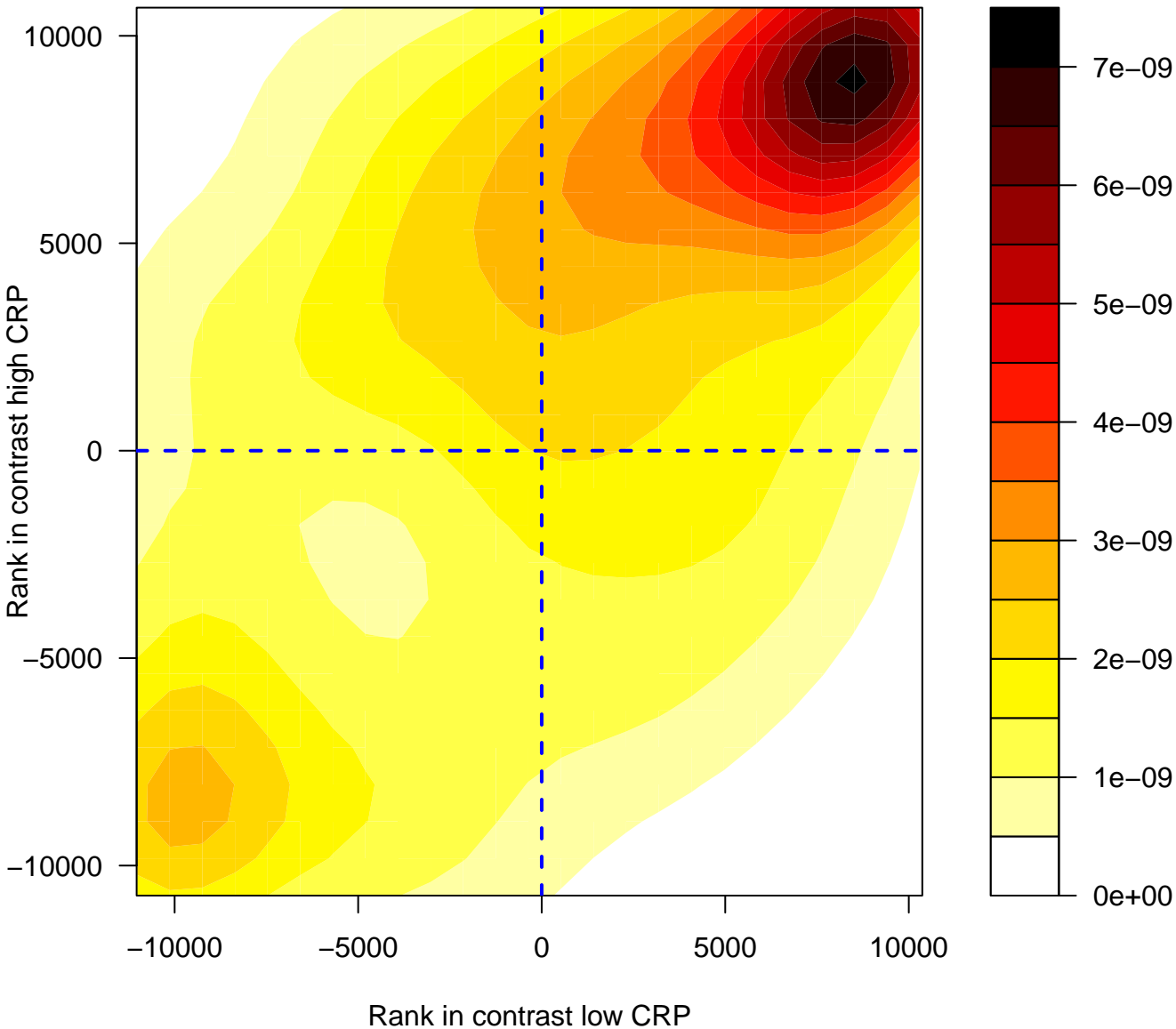
# Role of phospholipids in phagocytosis



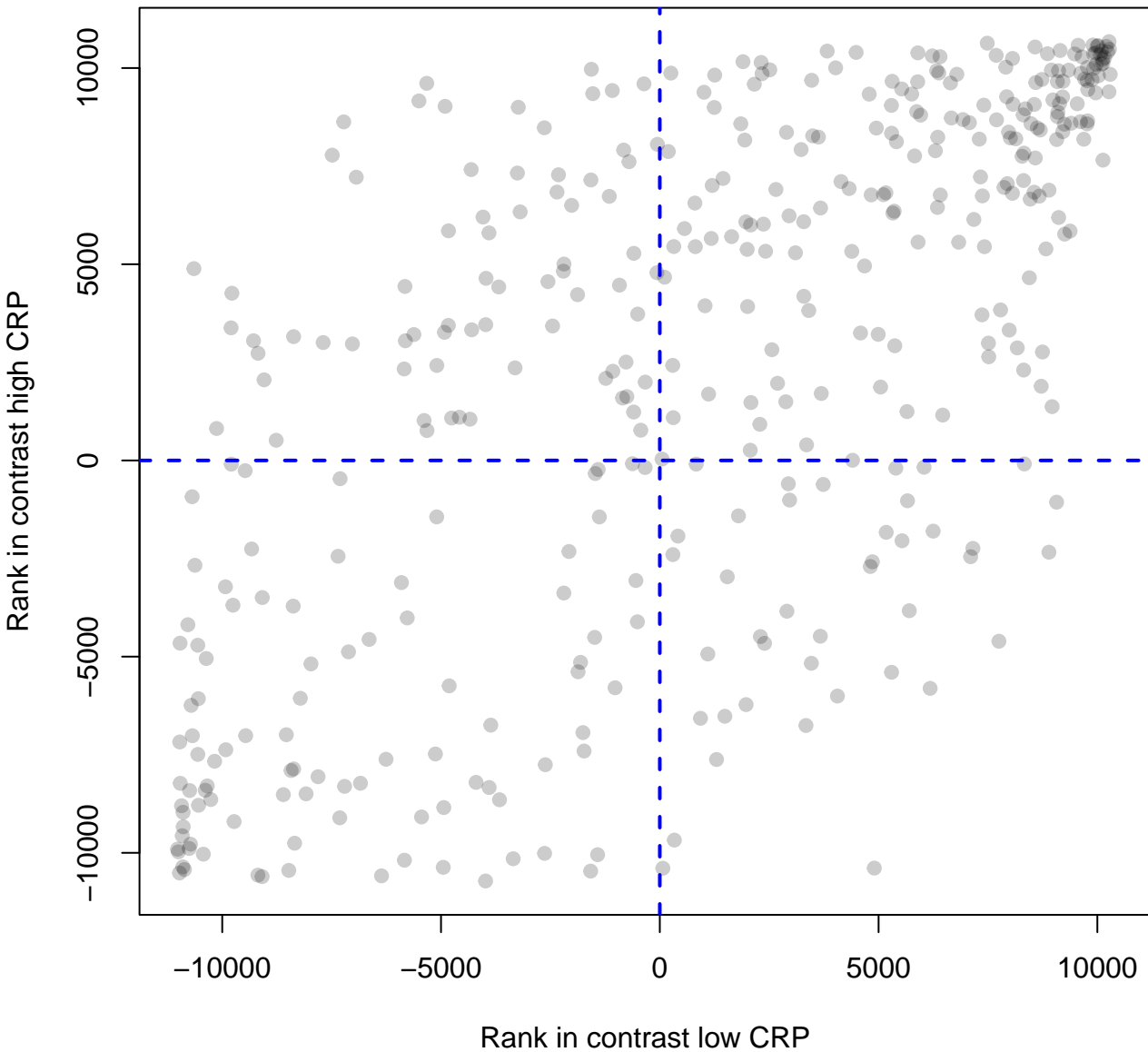
# Role of phospholipids in phagocytosis



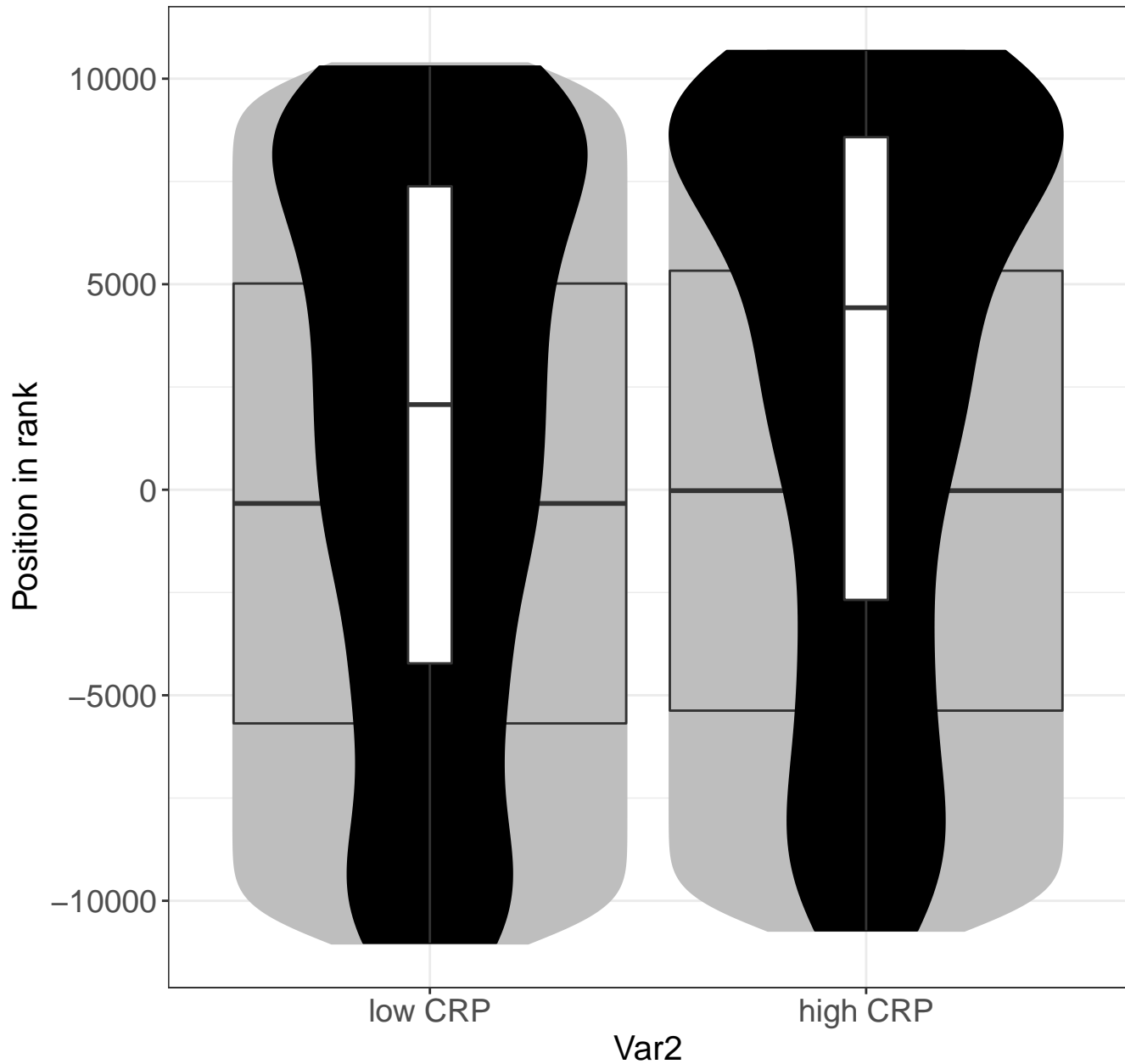
# Signaling by Receptor Tyrosine Kinases



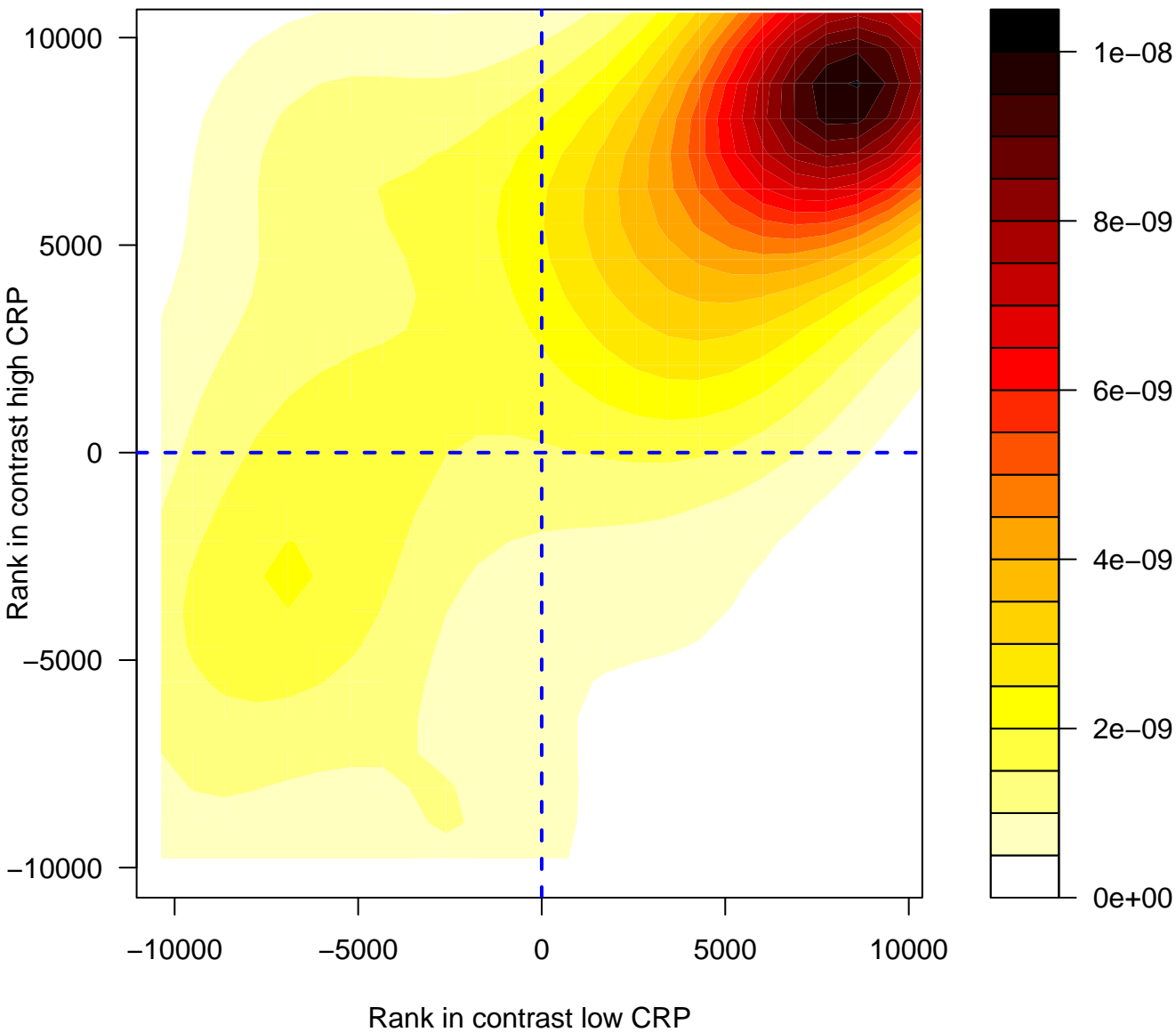
# Signaling by Receptor Tyrosine Kinases



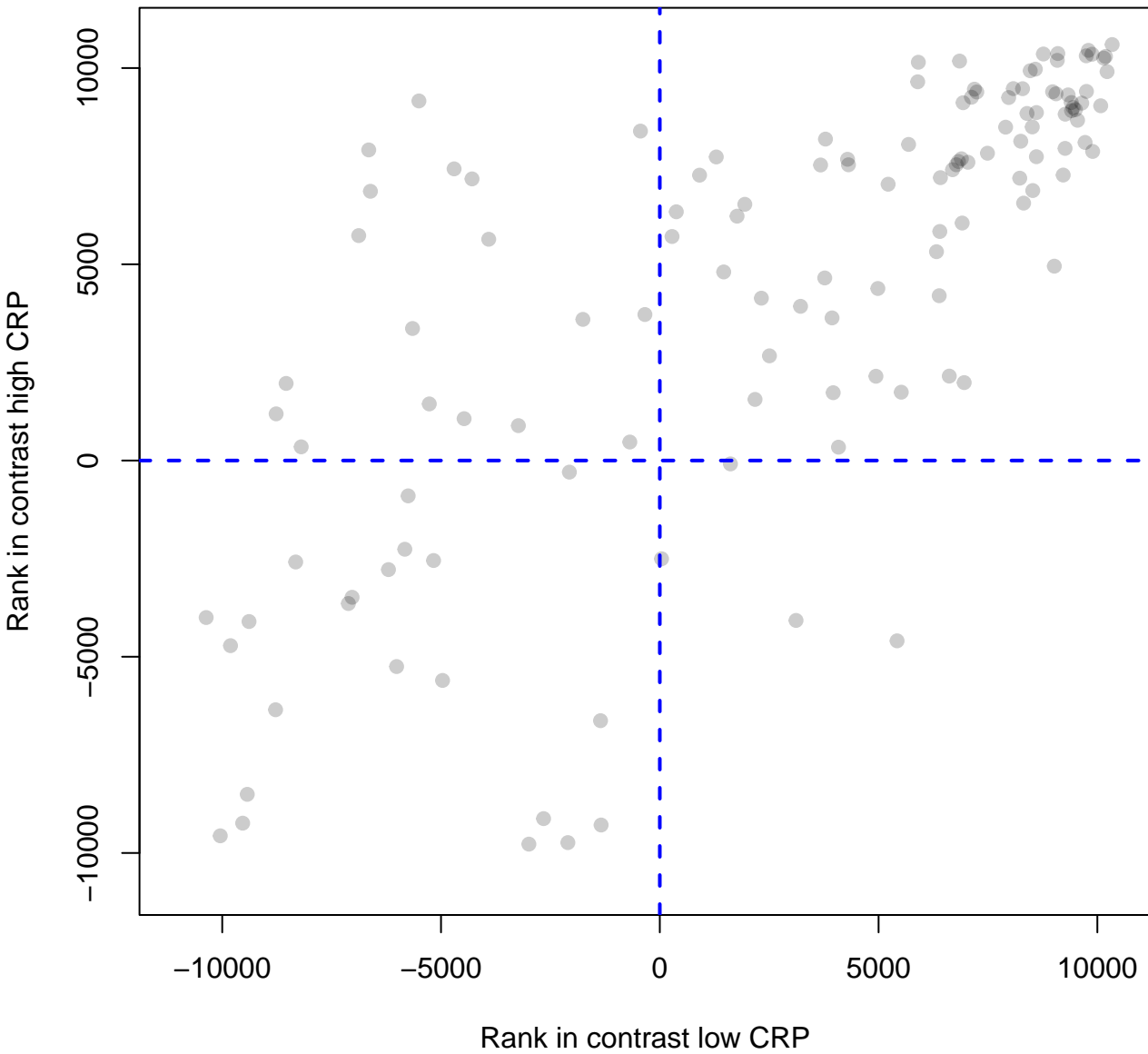
# Signaling by Receptor Tyrosine Kinases



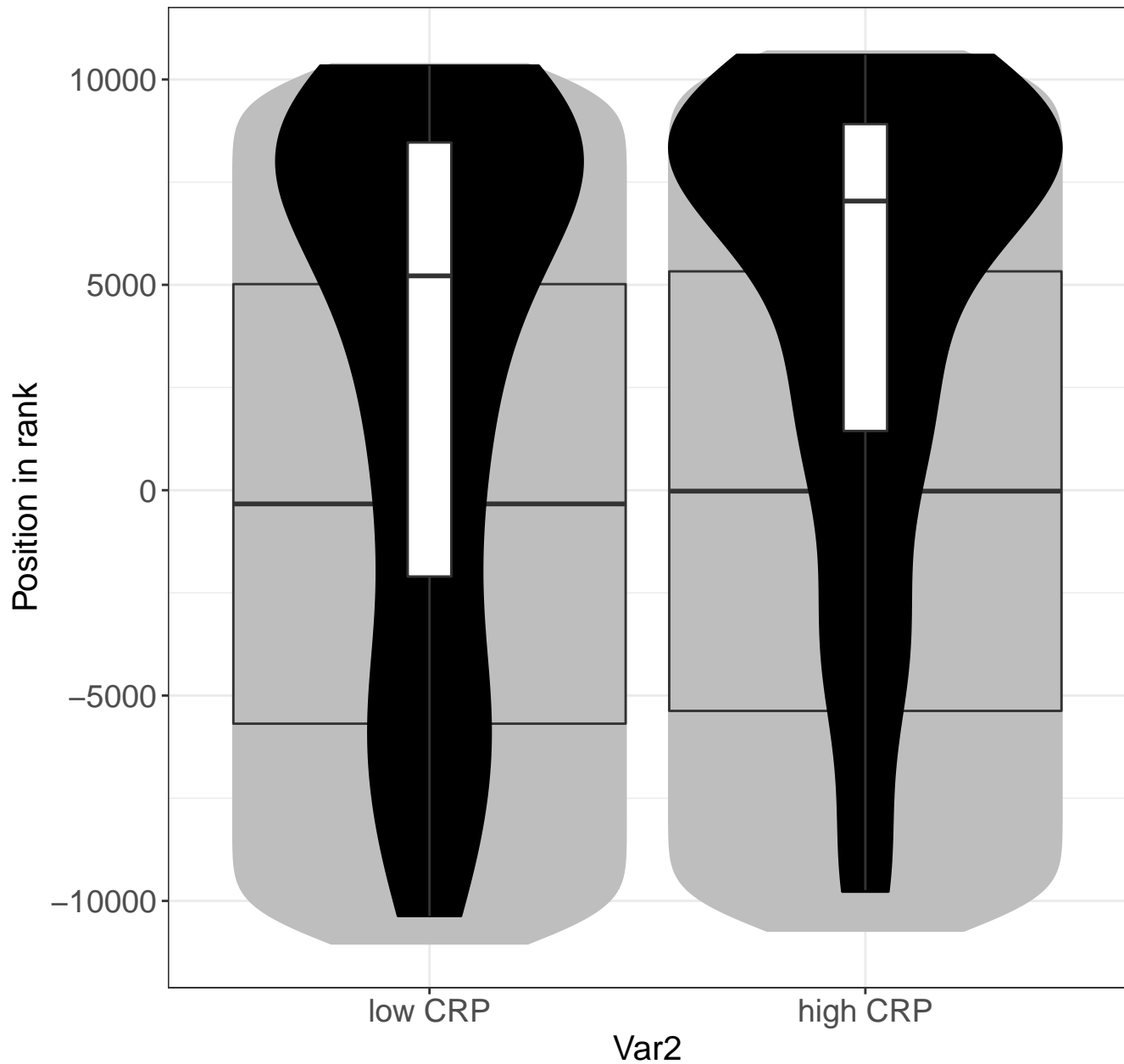
# ER to Golgi Anterograde Transport



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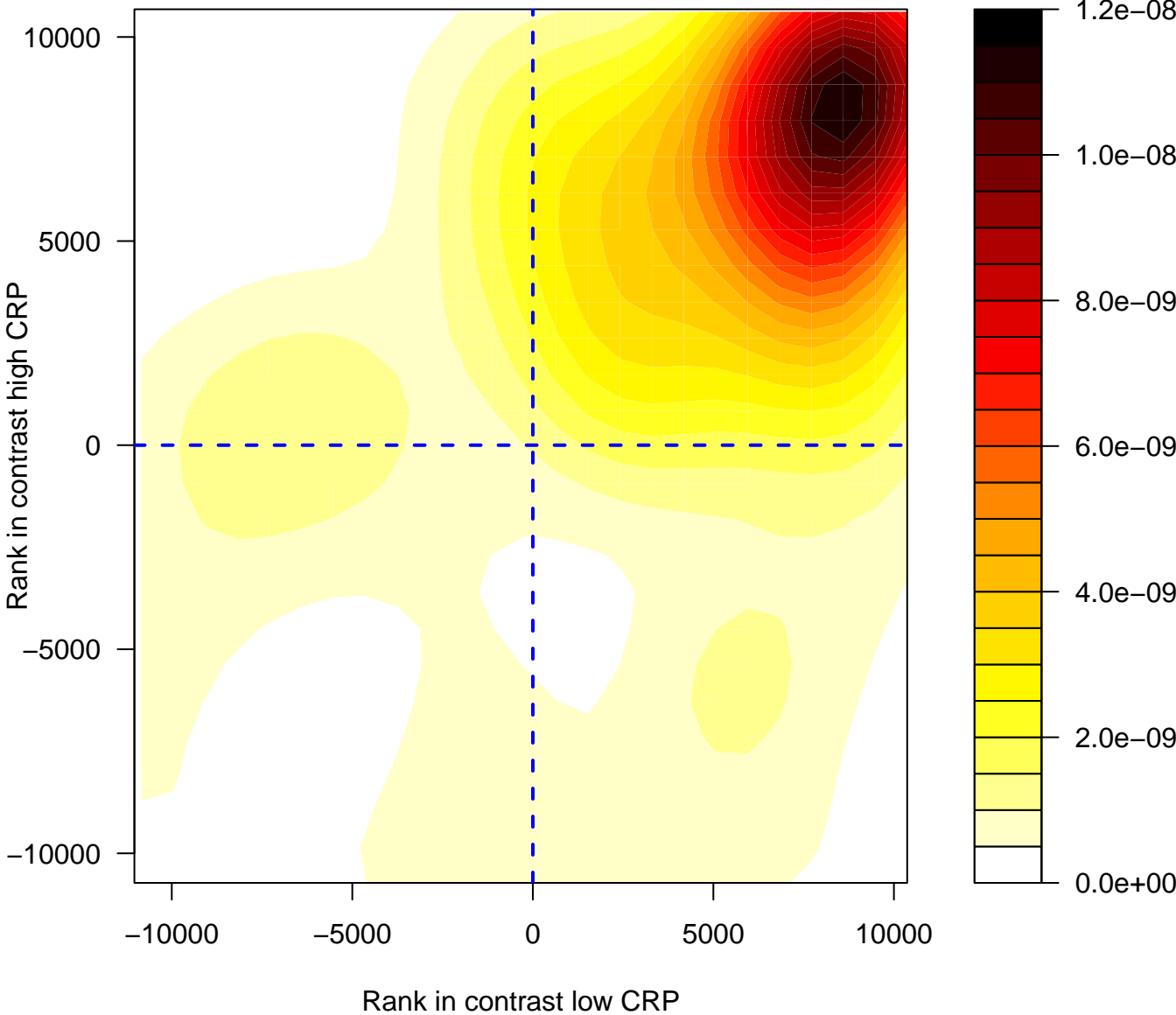


# ER to Golgi Anterograde Transport

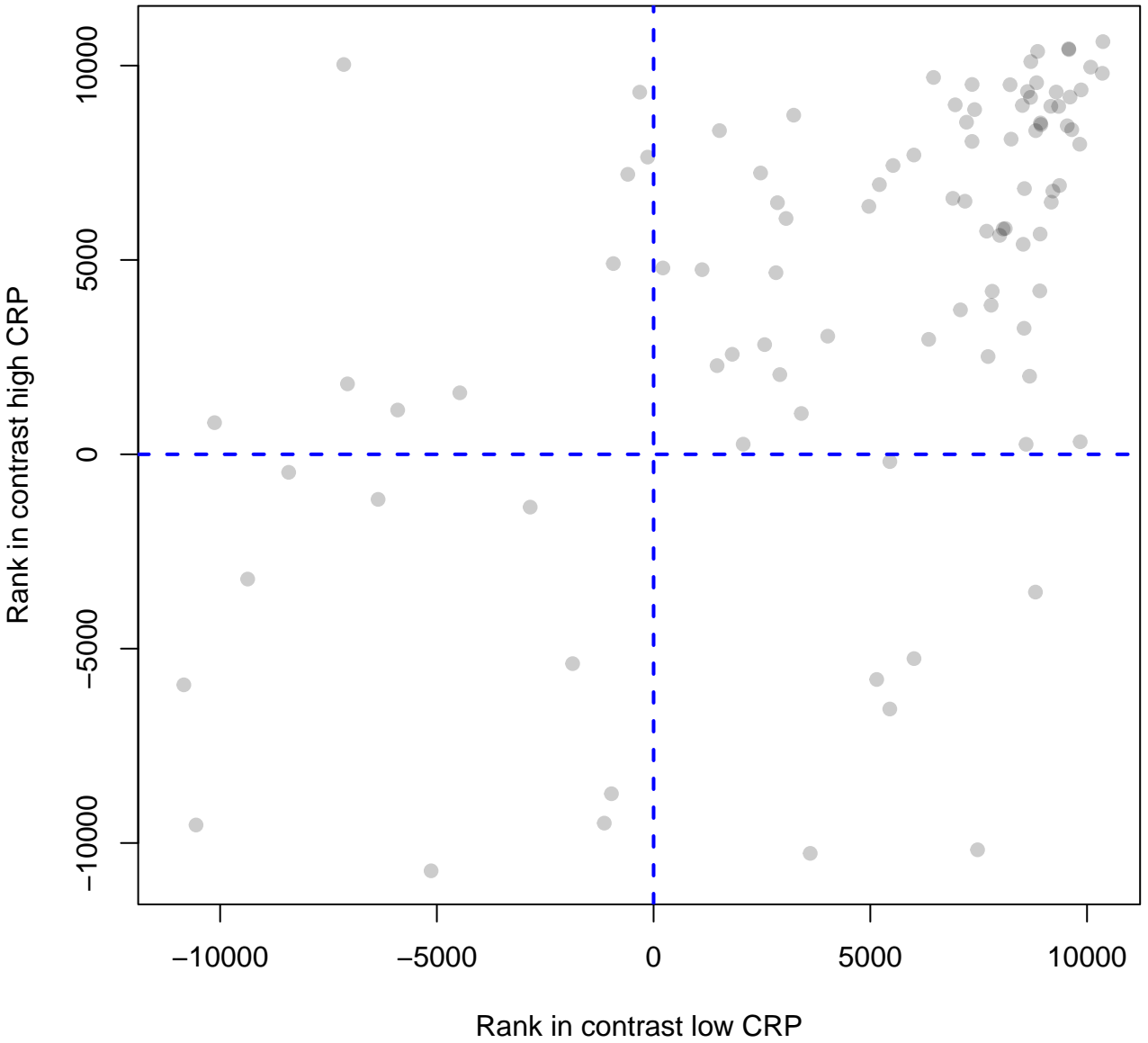




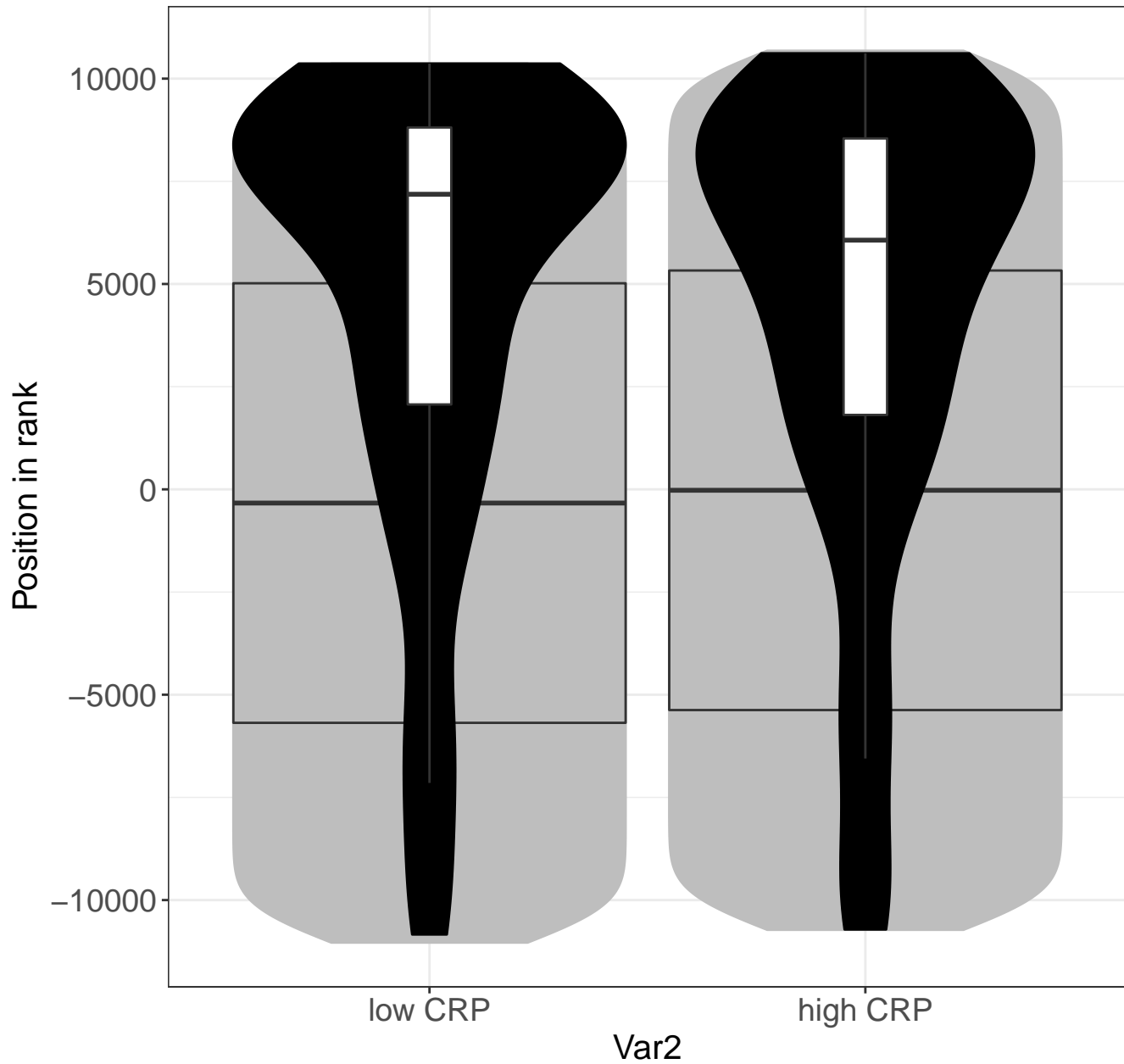
# Interleukin-1 signaling



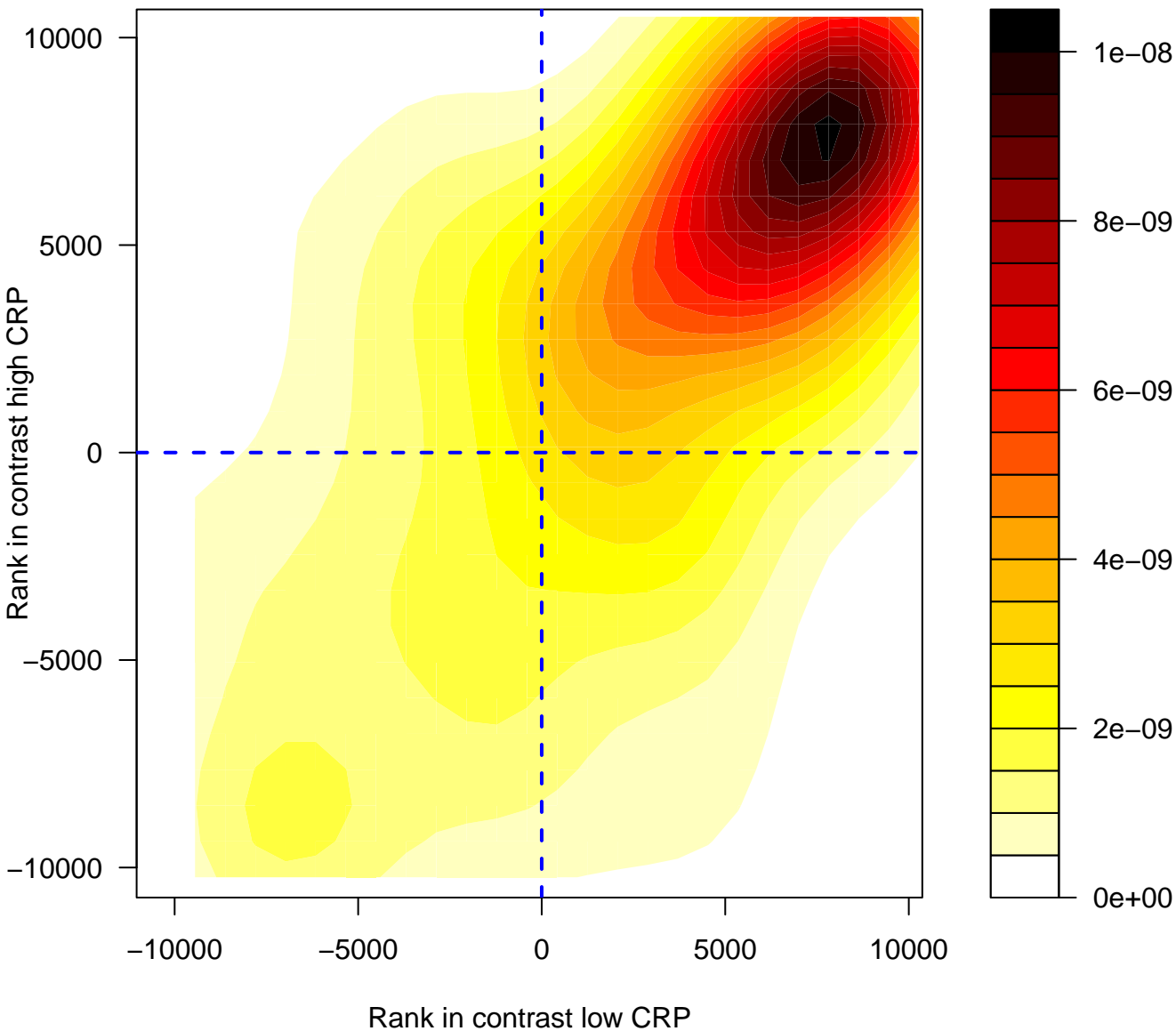
# Interleukin-1 signaling



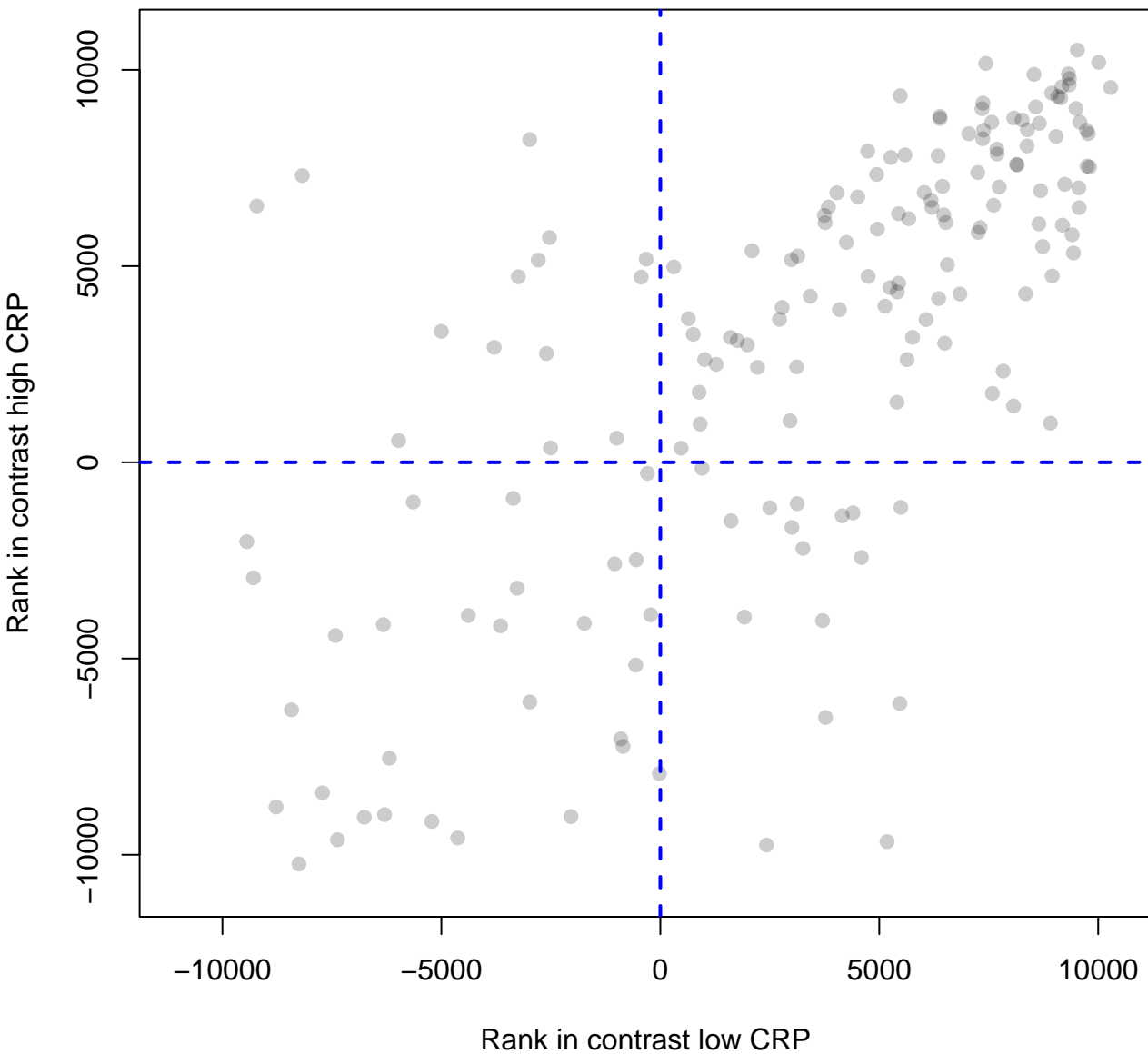
# Interleukin-1 signaling



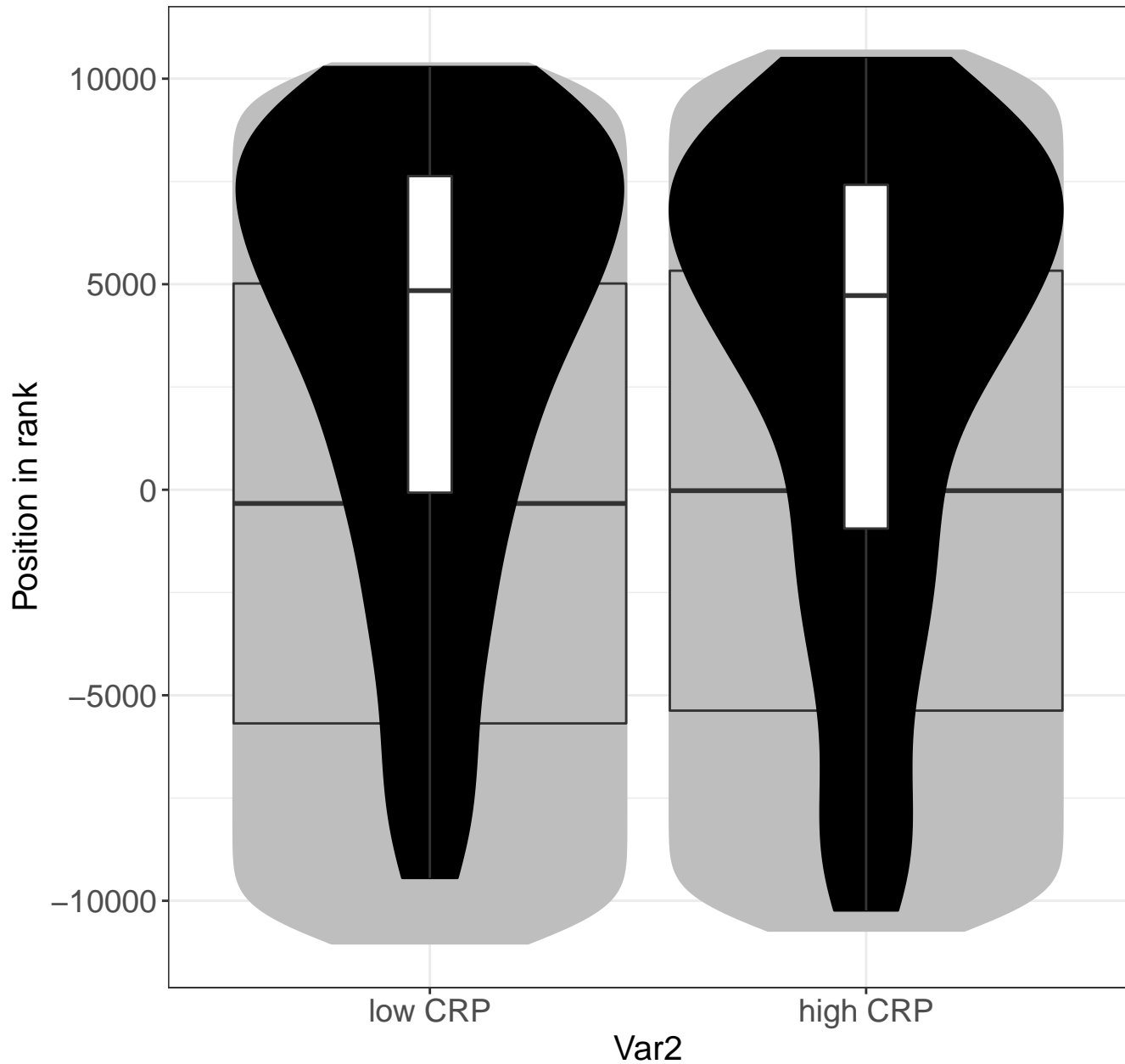
# The citric acid (TCA) cycle and respiratory electron transp



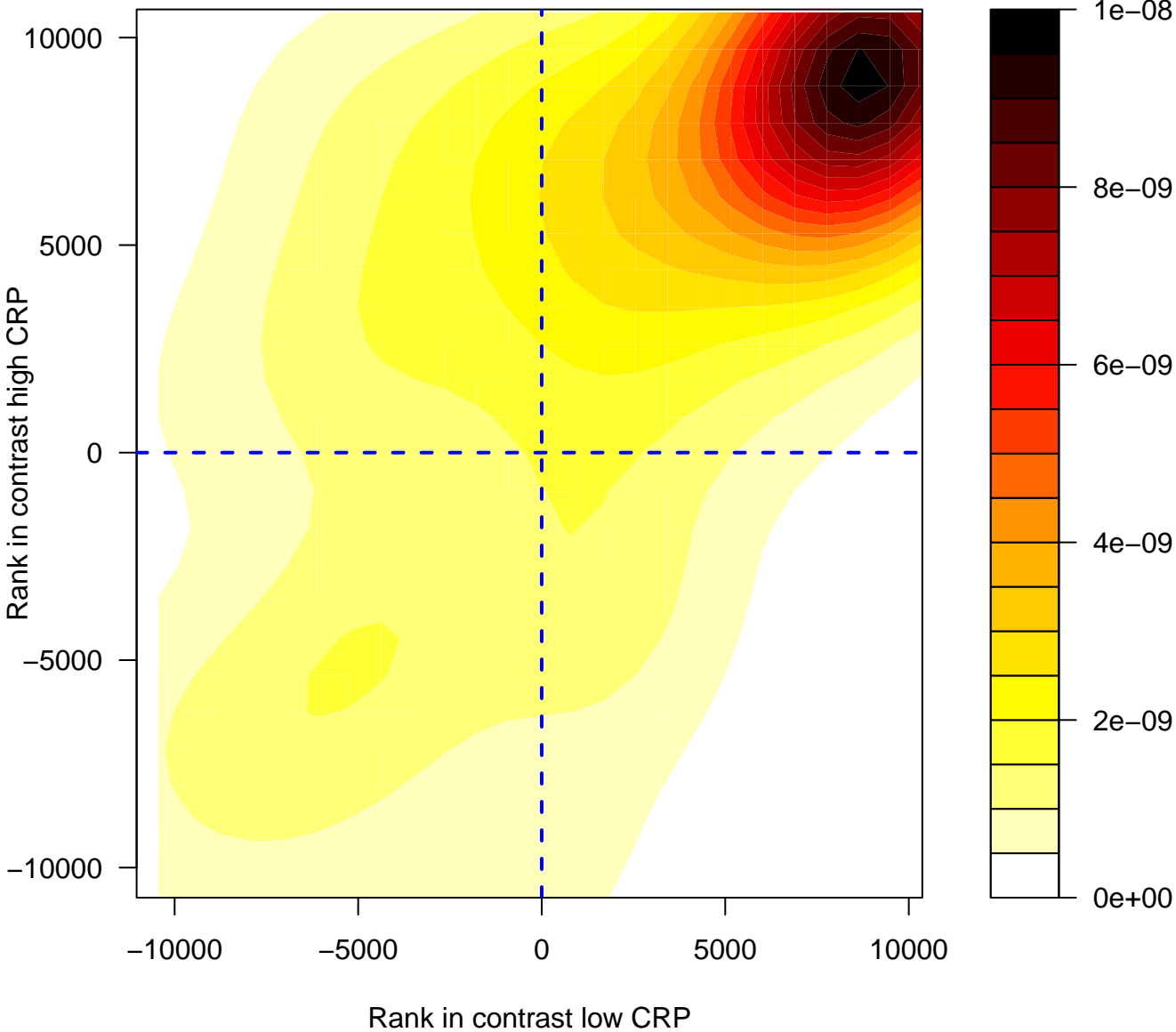
# The citric acid (TCA) cycle and respiratory electron transport



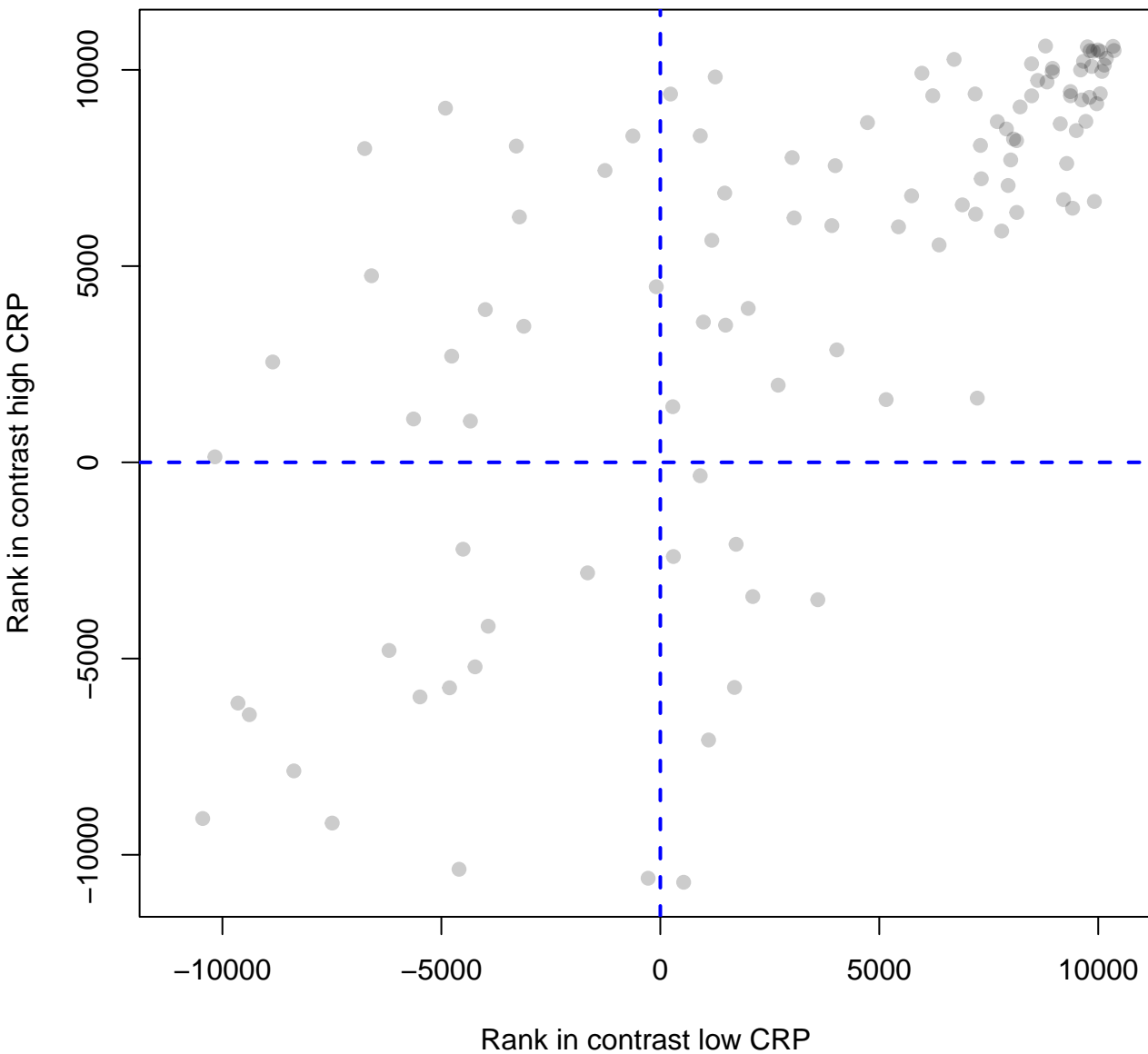
# The citric acid (TCA) cycle and respiratory electron



# Response to elevated platelet cytosolic Ca<sup>2+</sup>

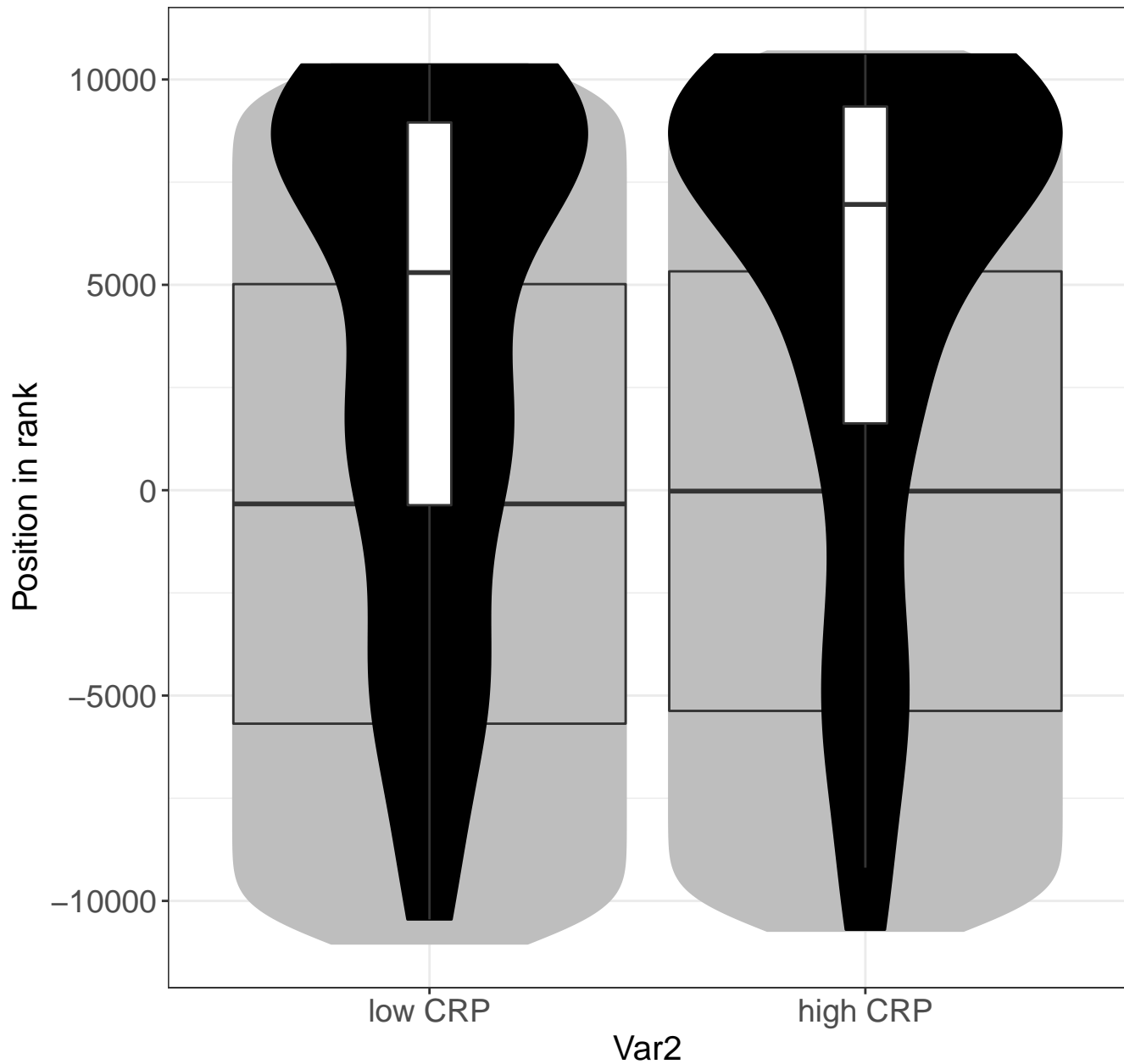


# Response to elevated platelet cytosolic Ca<sup>2+</sup>

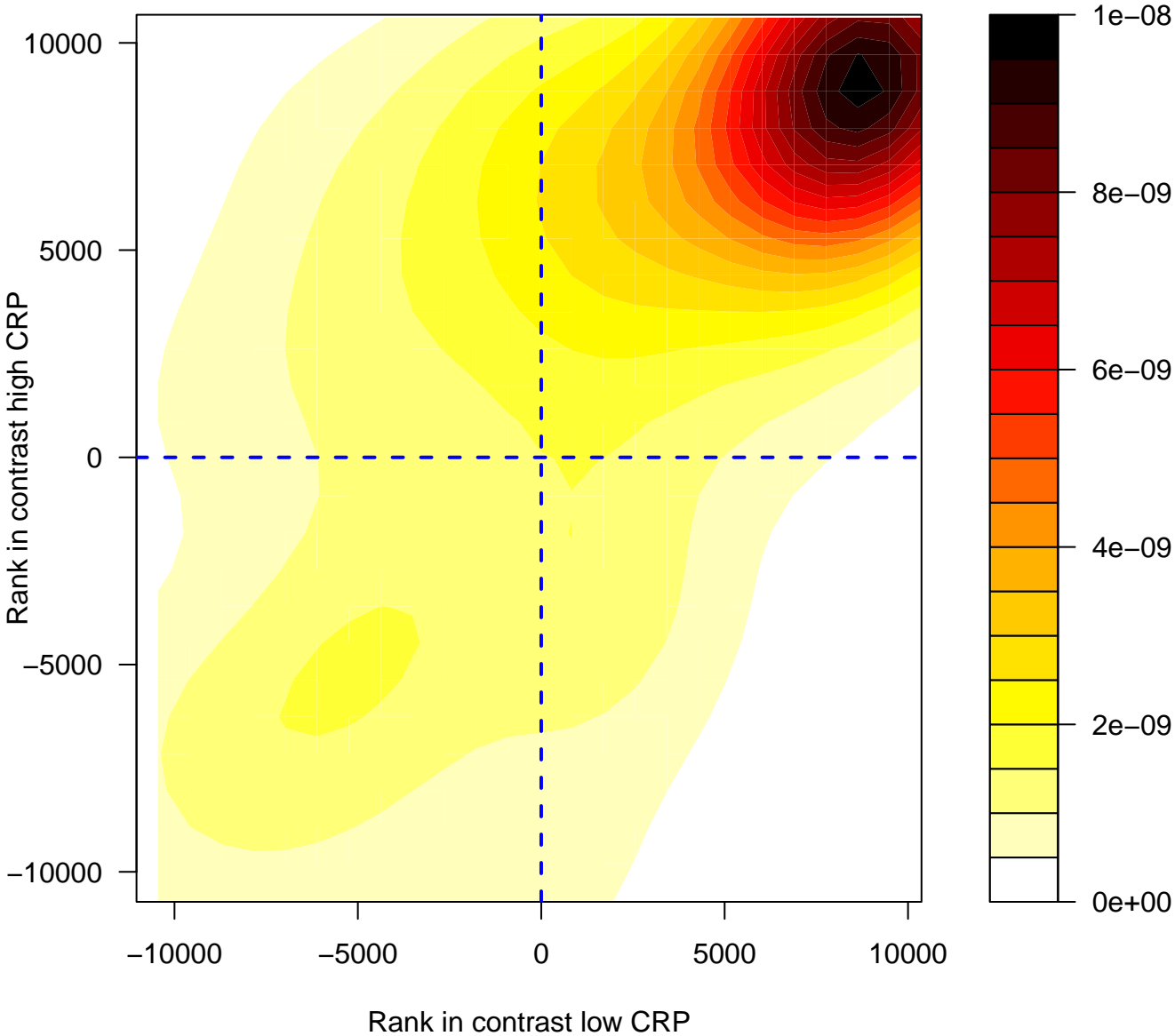




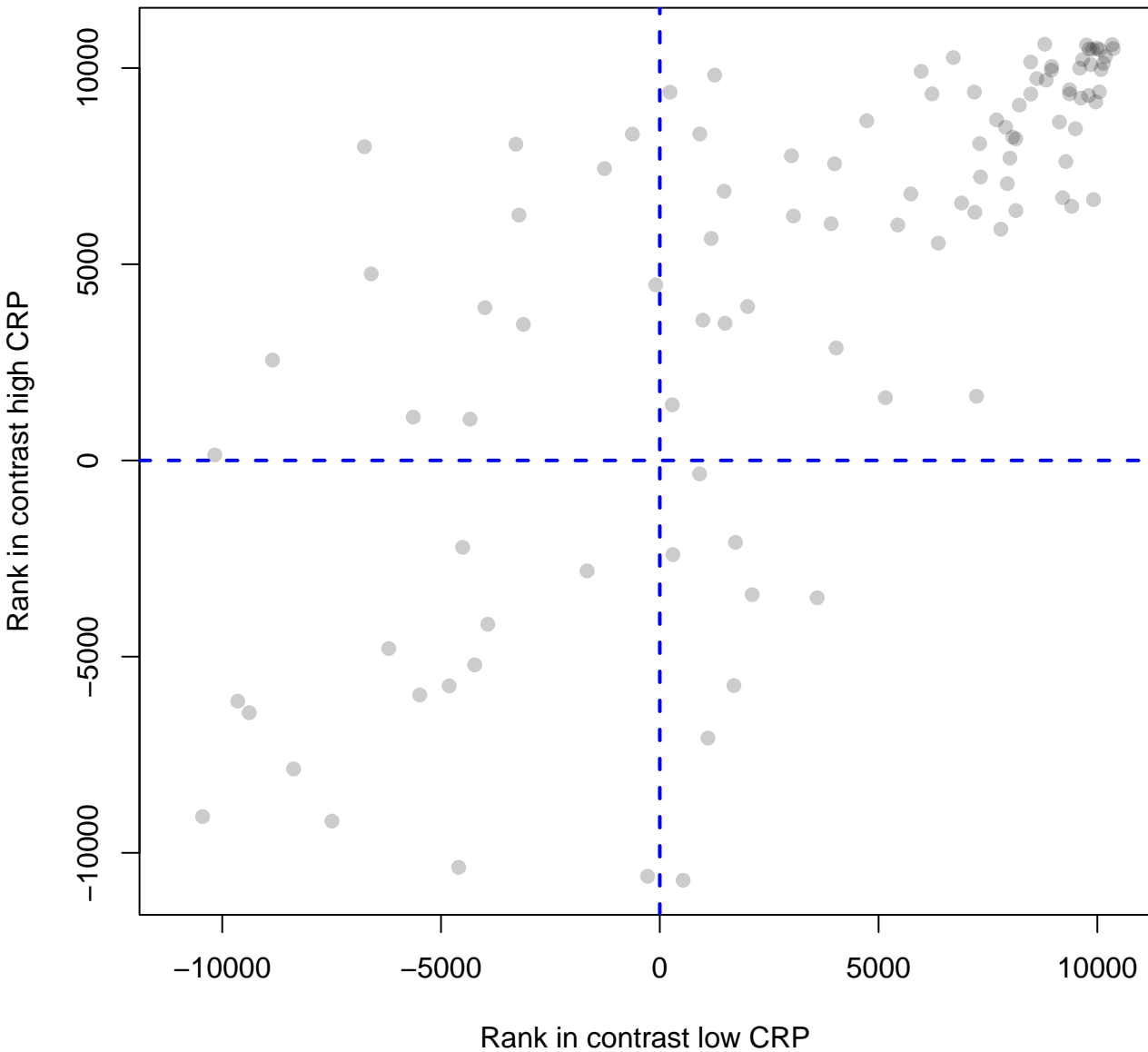
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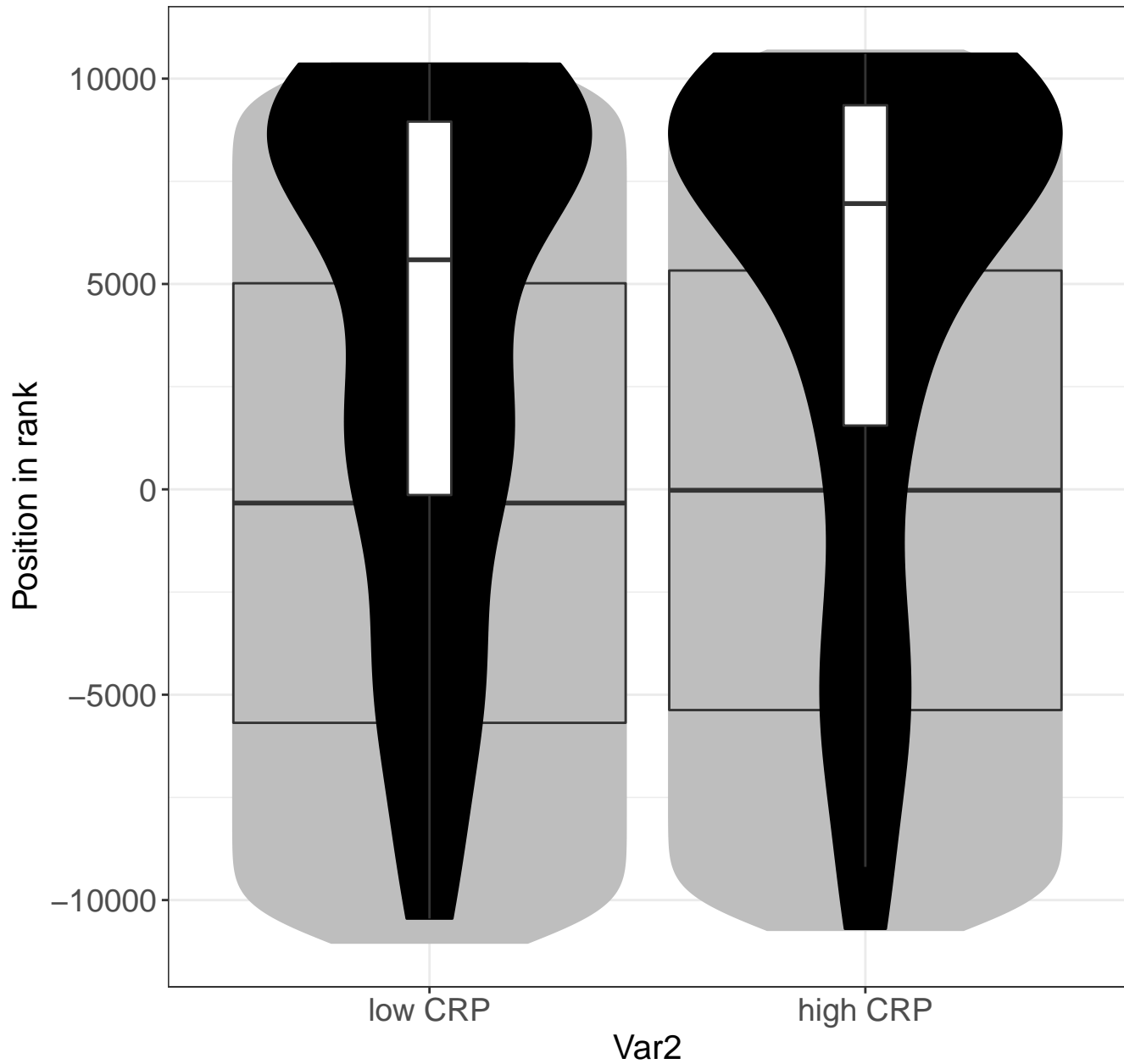
# Platelet degranulation



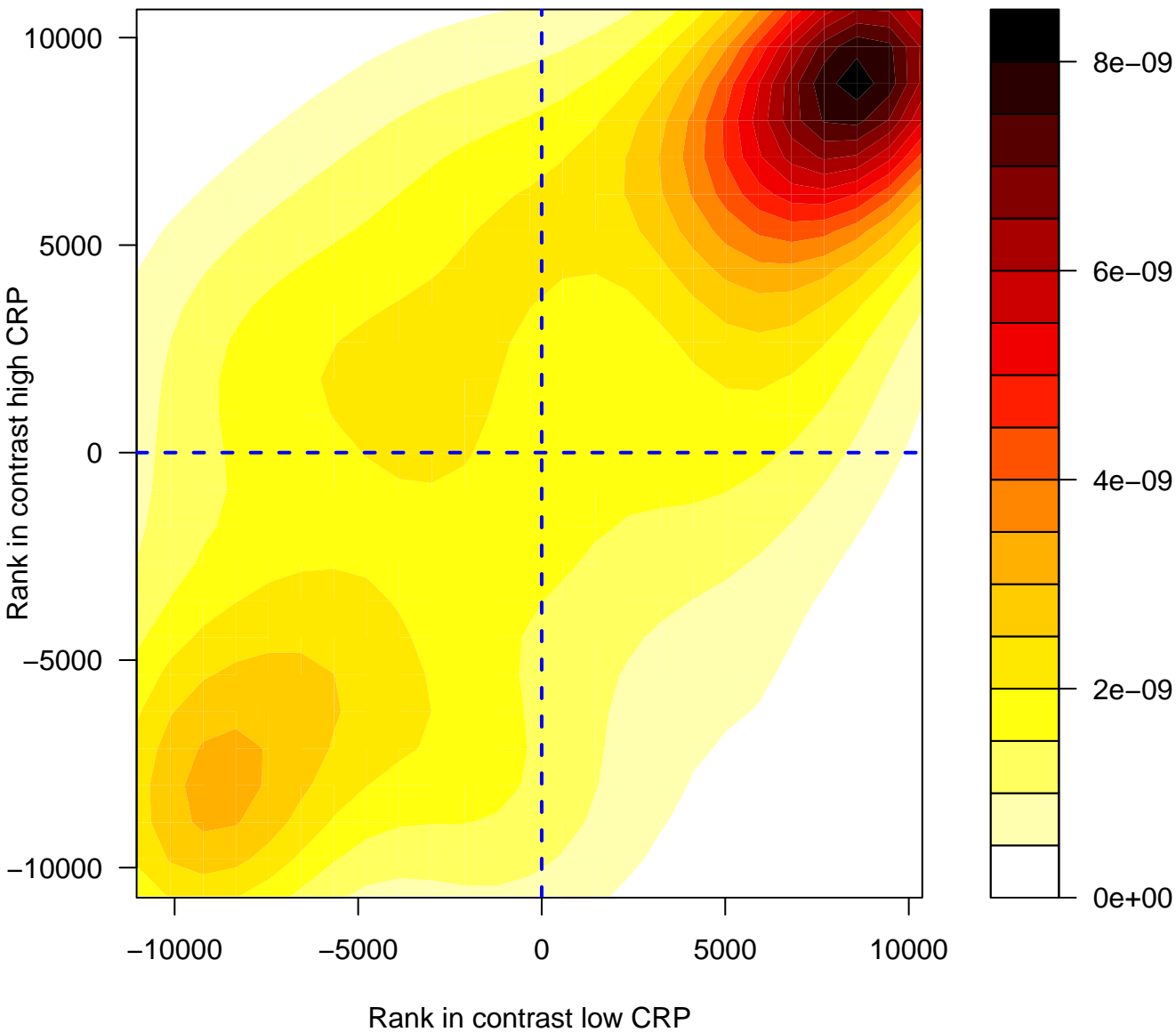
# Platelet degranulation



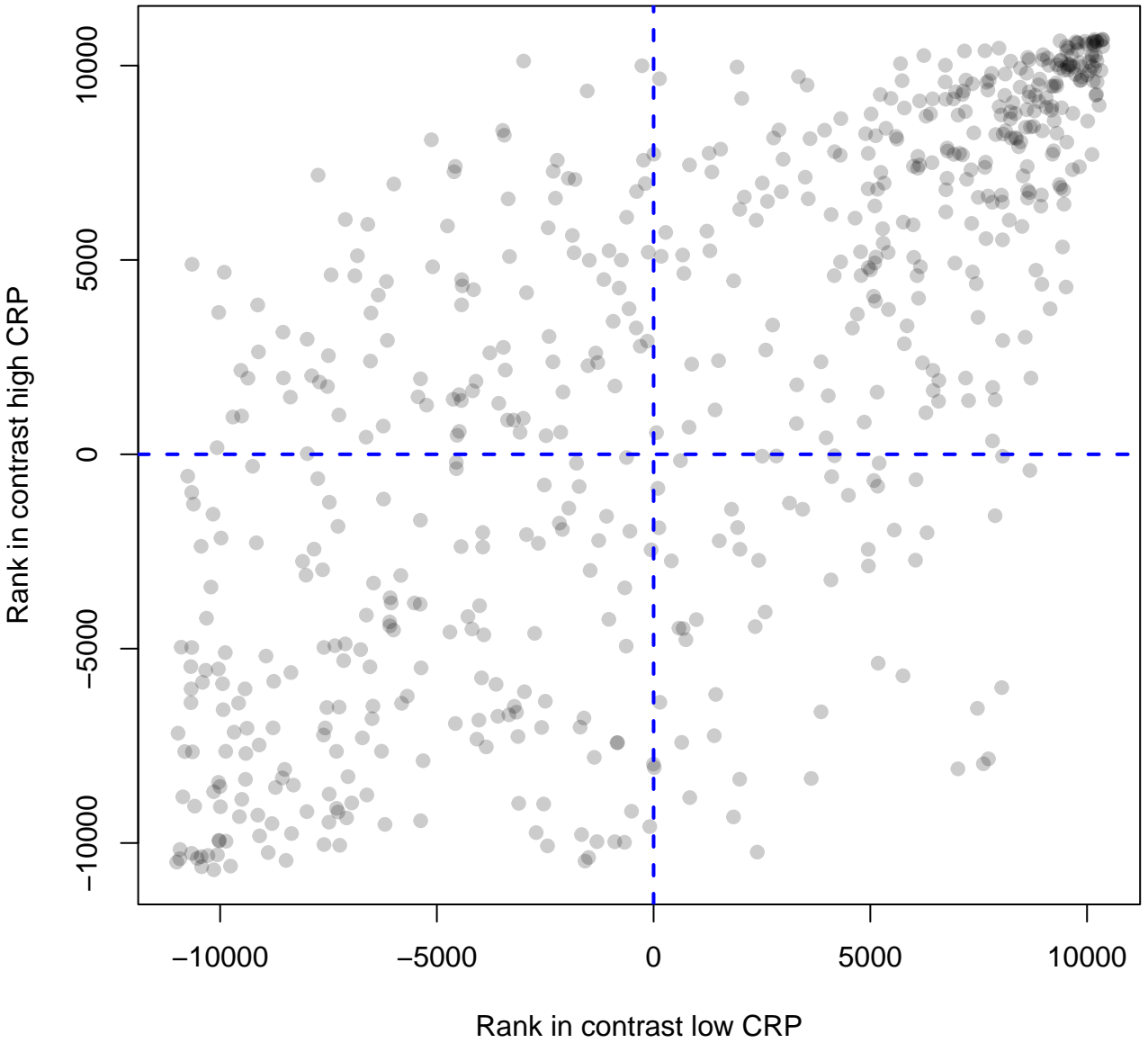
# Platelet degranulation



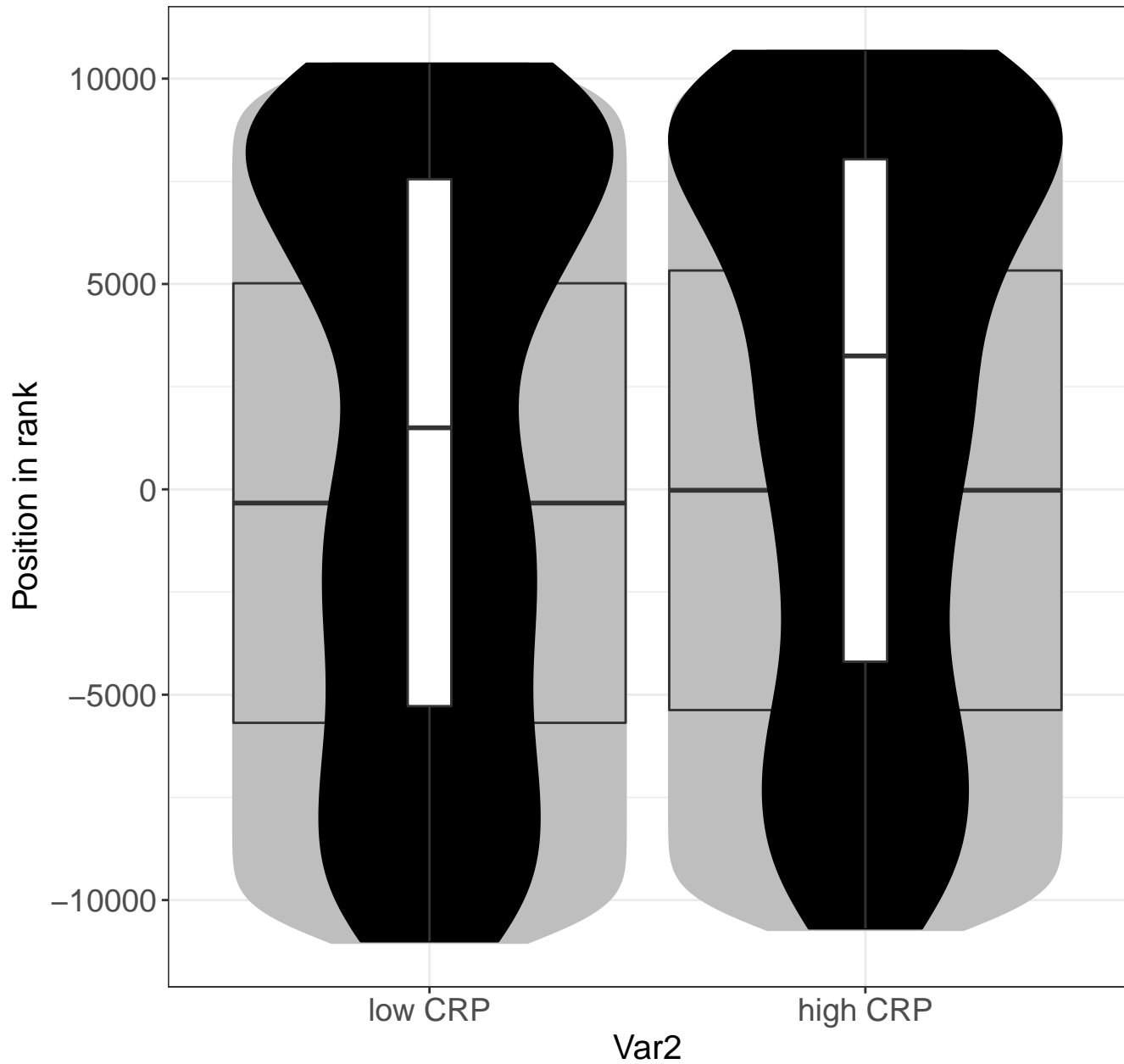
# Metabolism of lipids



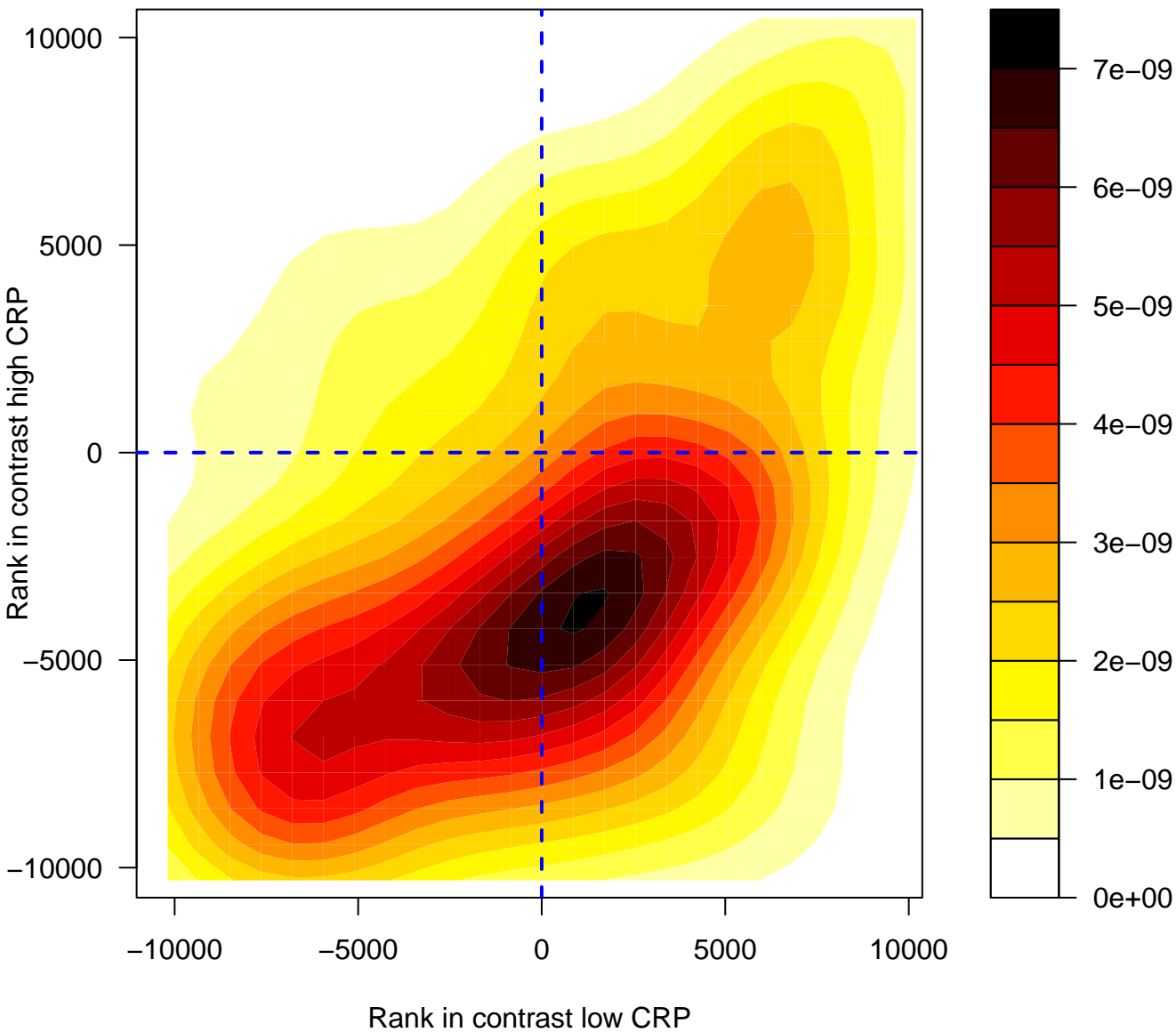
# Metabolism of lipids



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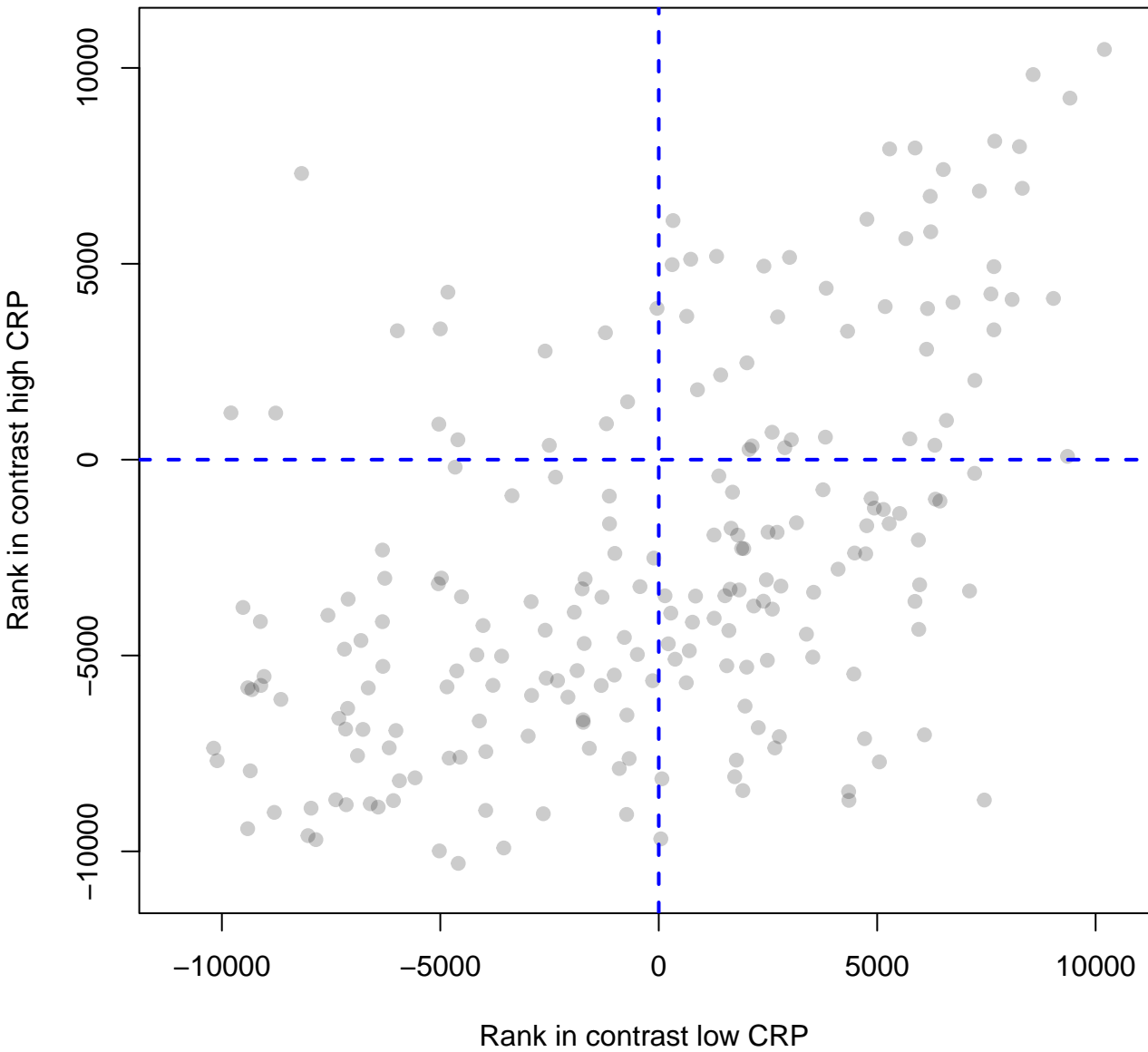


# rRNA processing

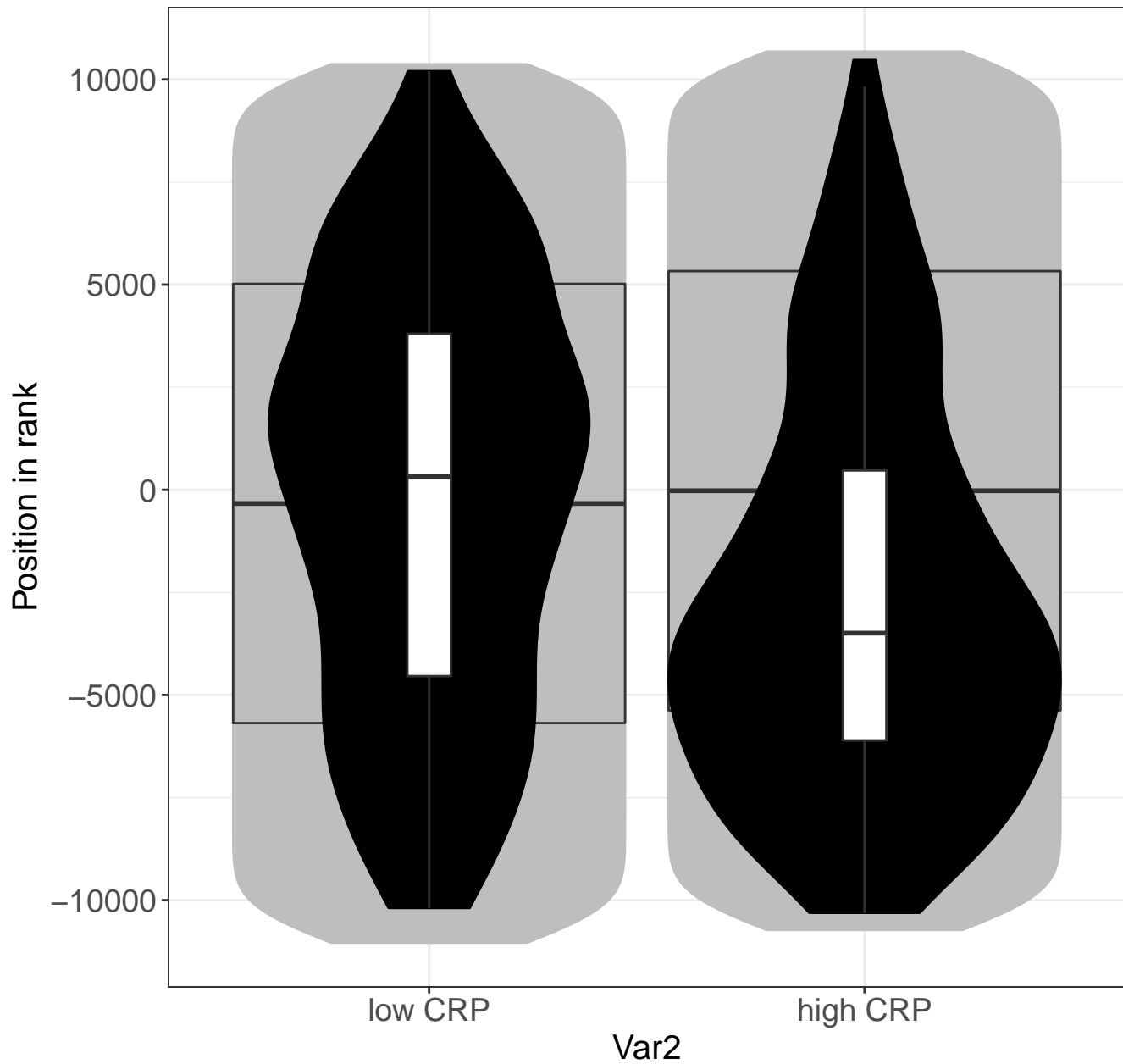




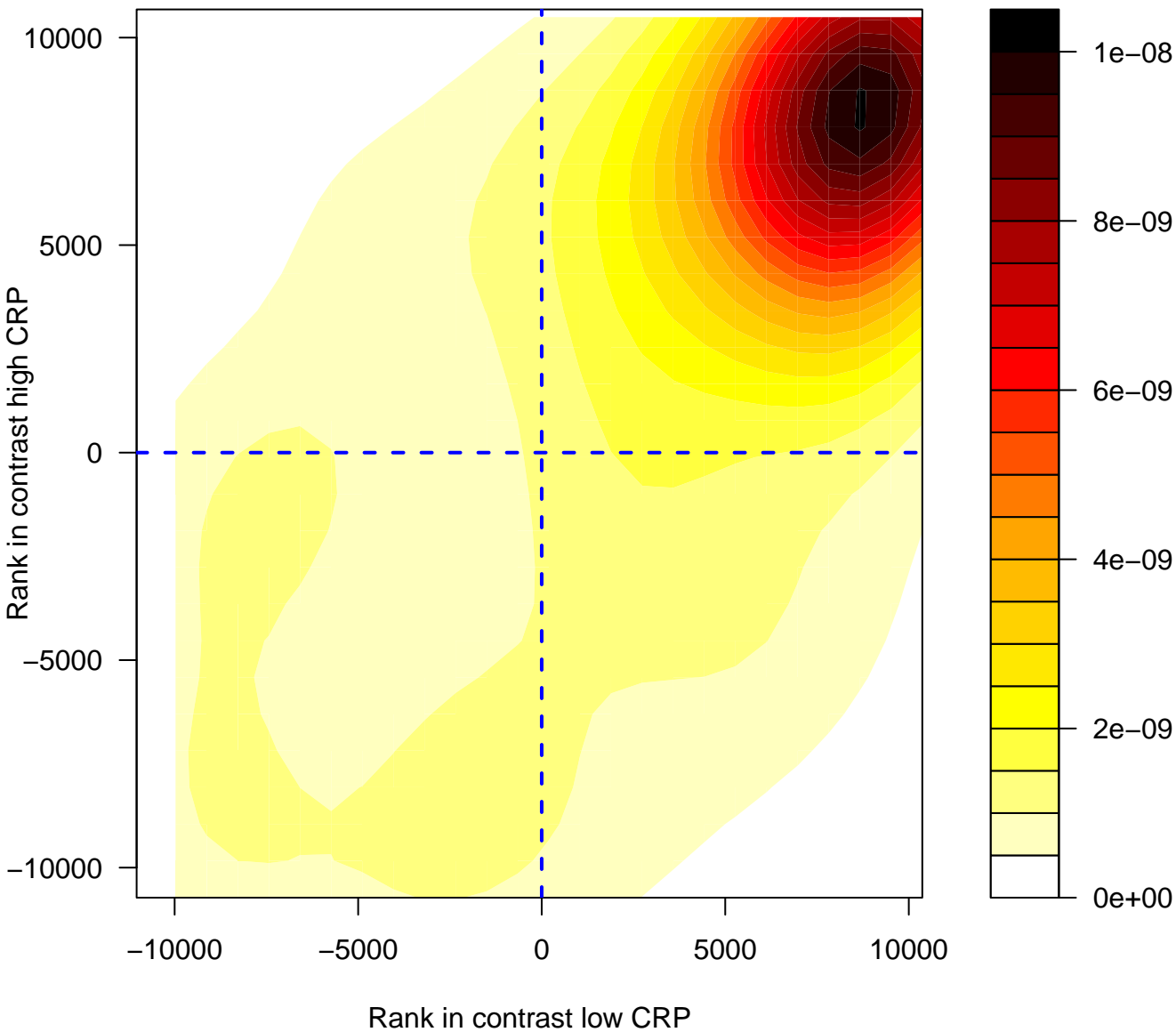
# rRNA processing



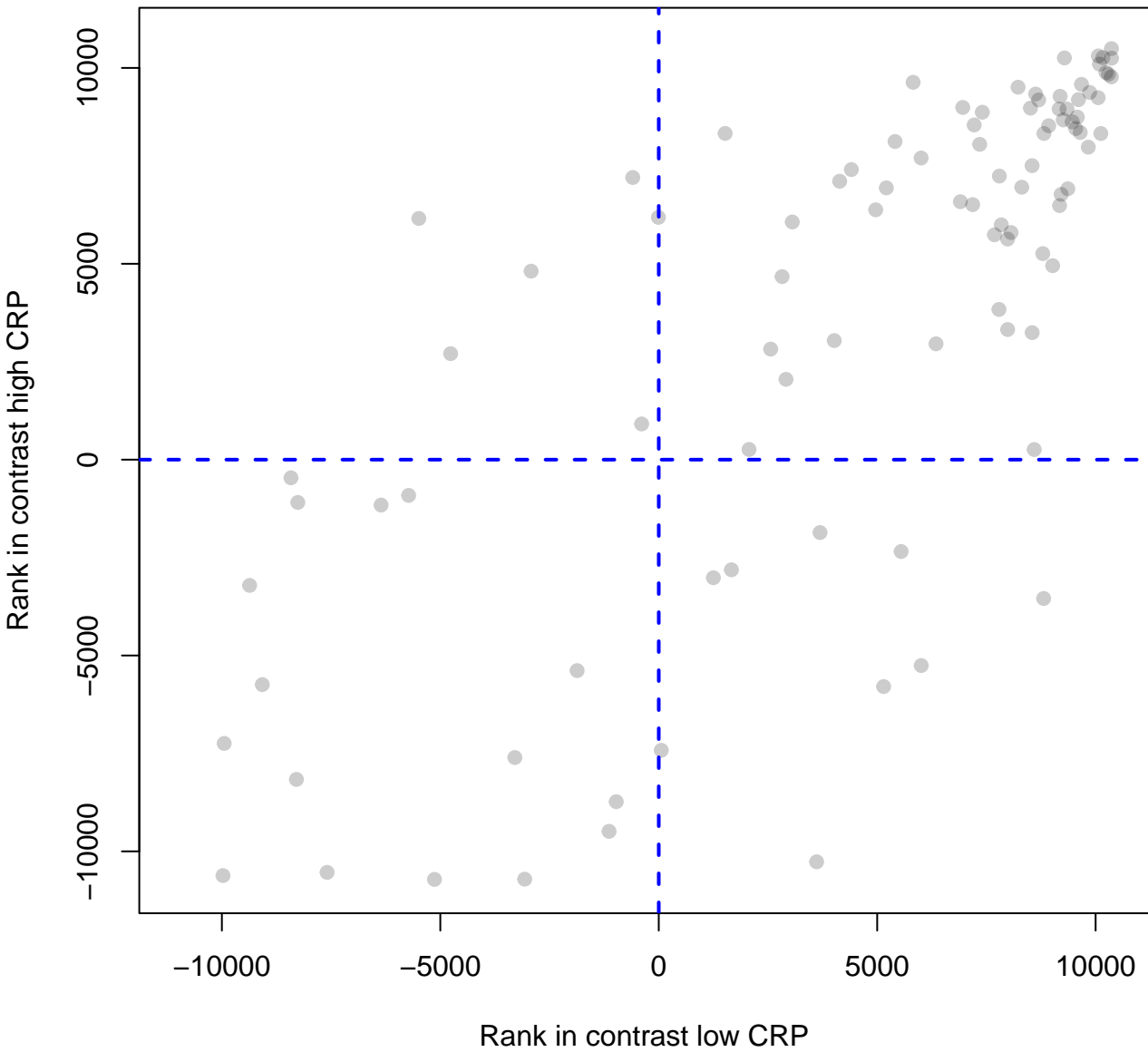
# rRNA processing



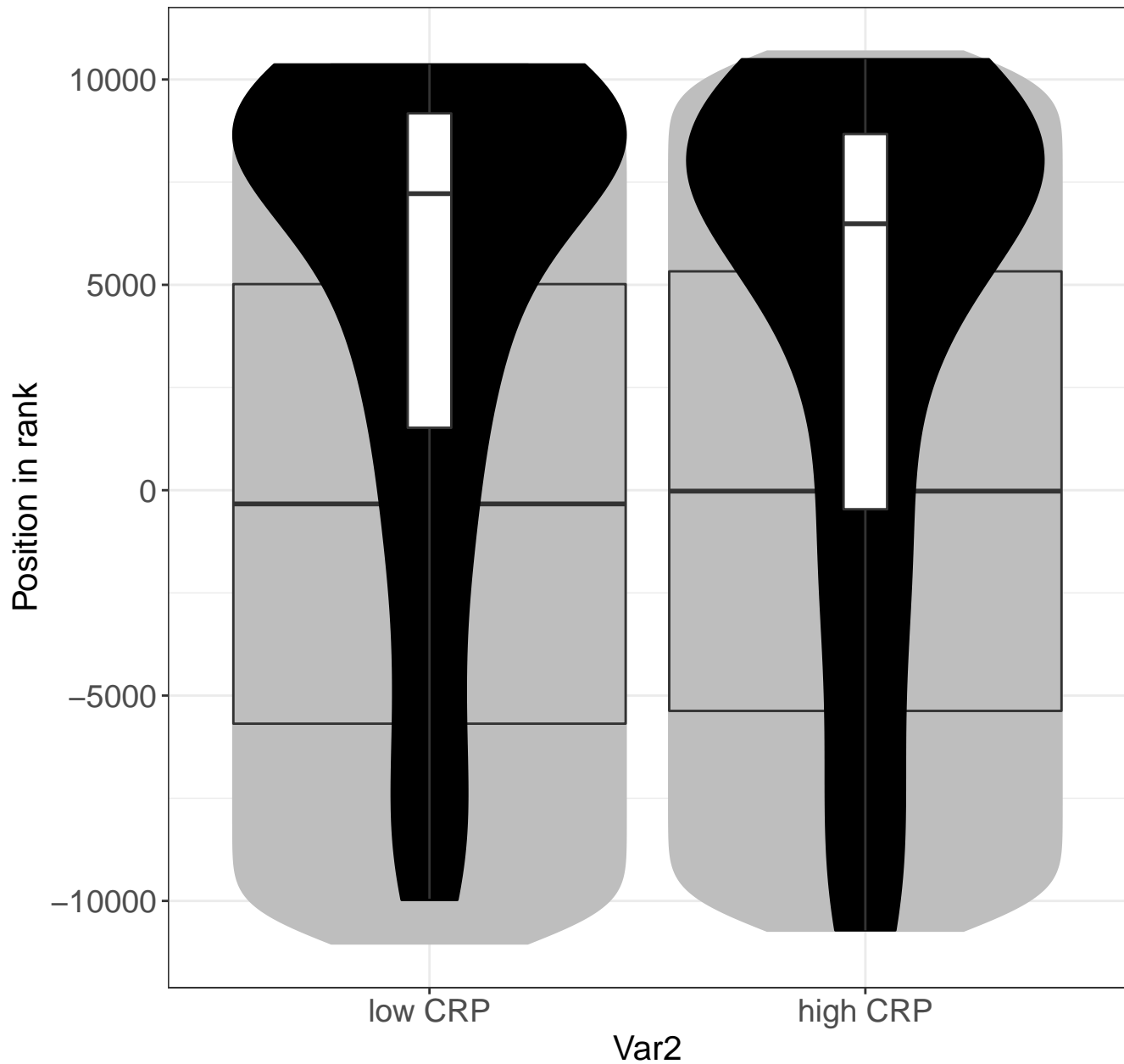
# Antigen processing–Cross presentation



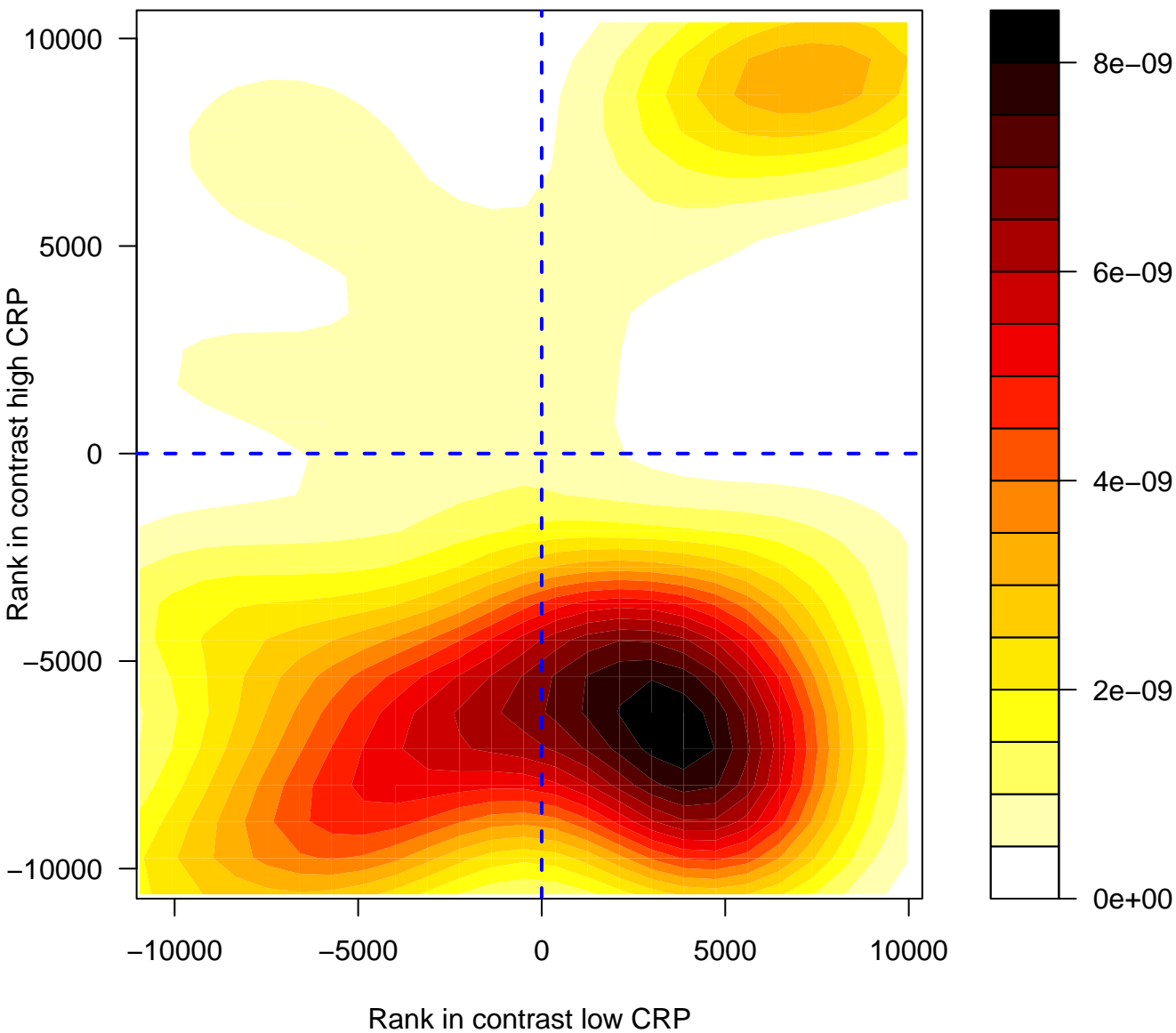
# Antigen processing–Cross presentation



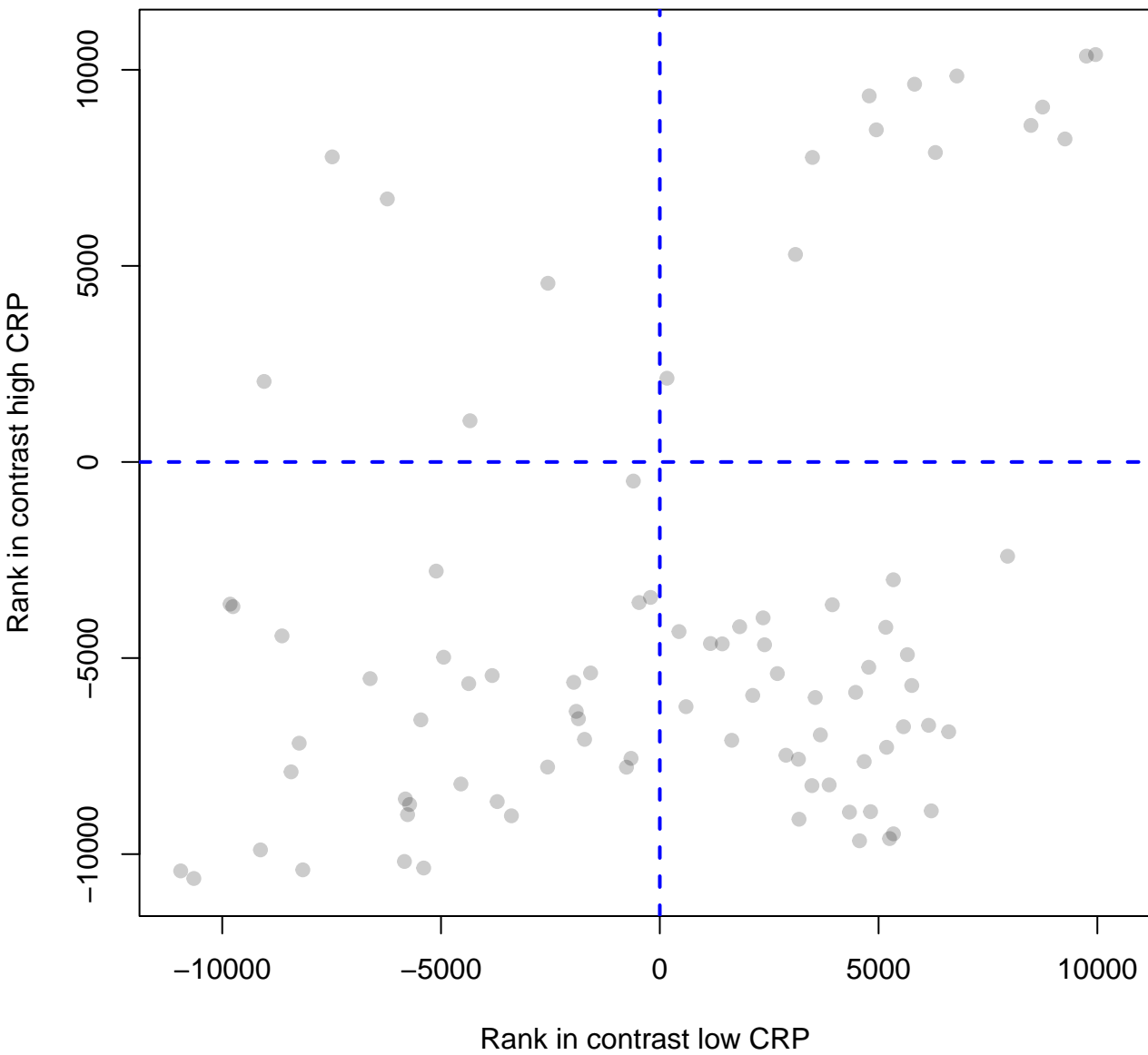
# Antigen processing–Cross presentation



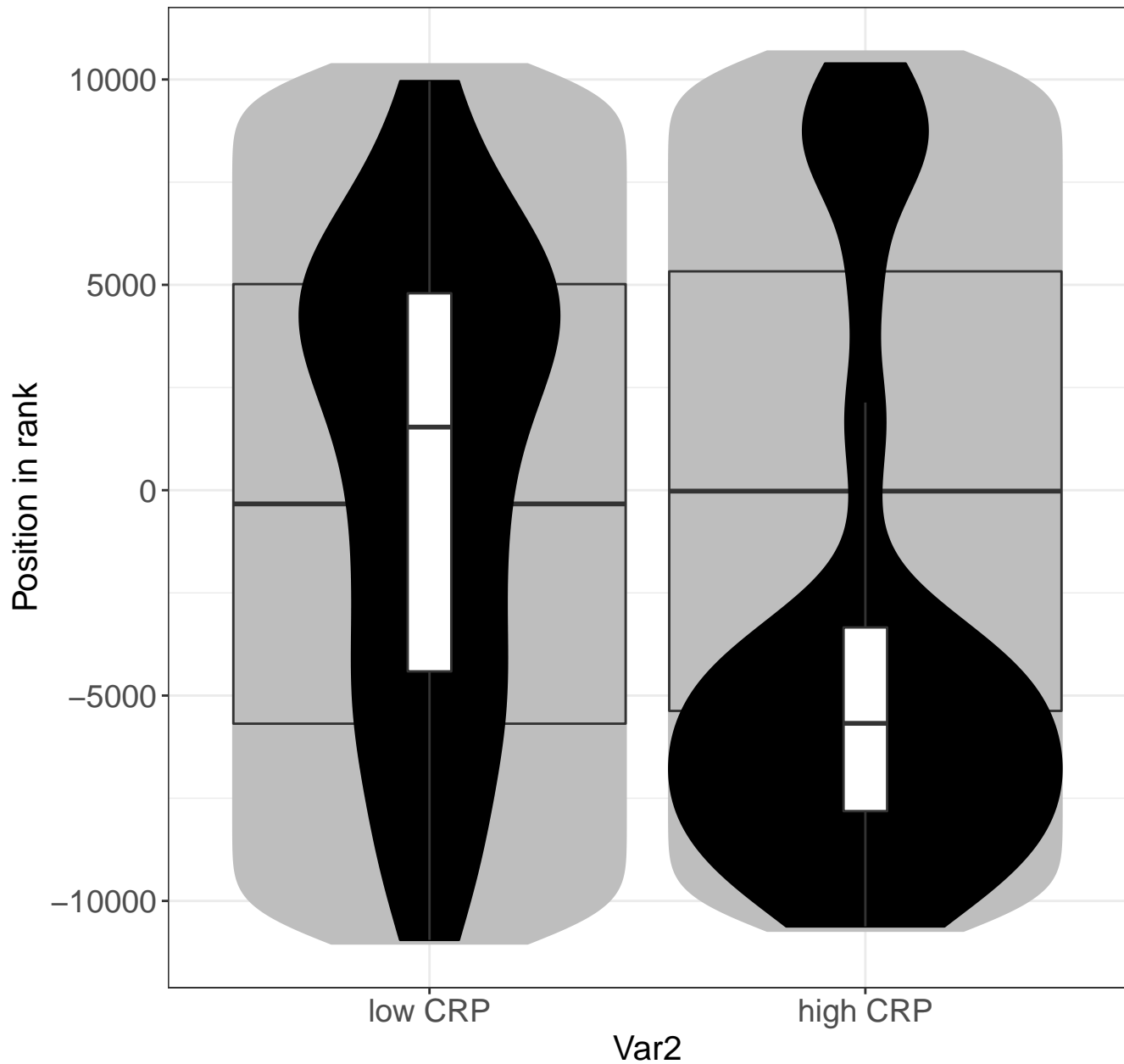
# FCERI mediated Ca<sup>2+</sup> mobilization



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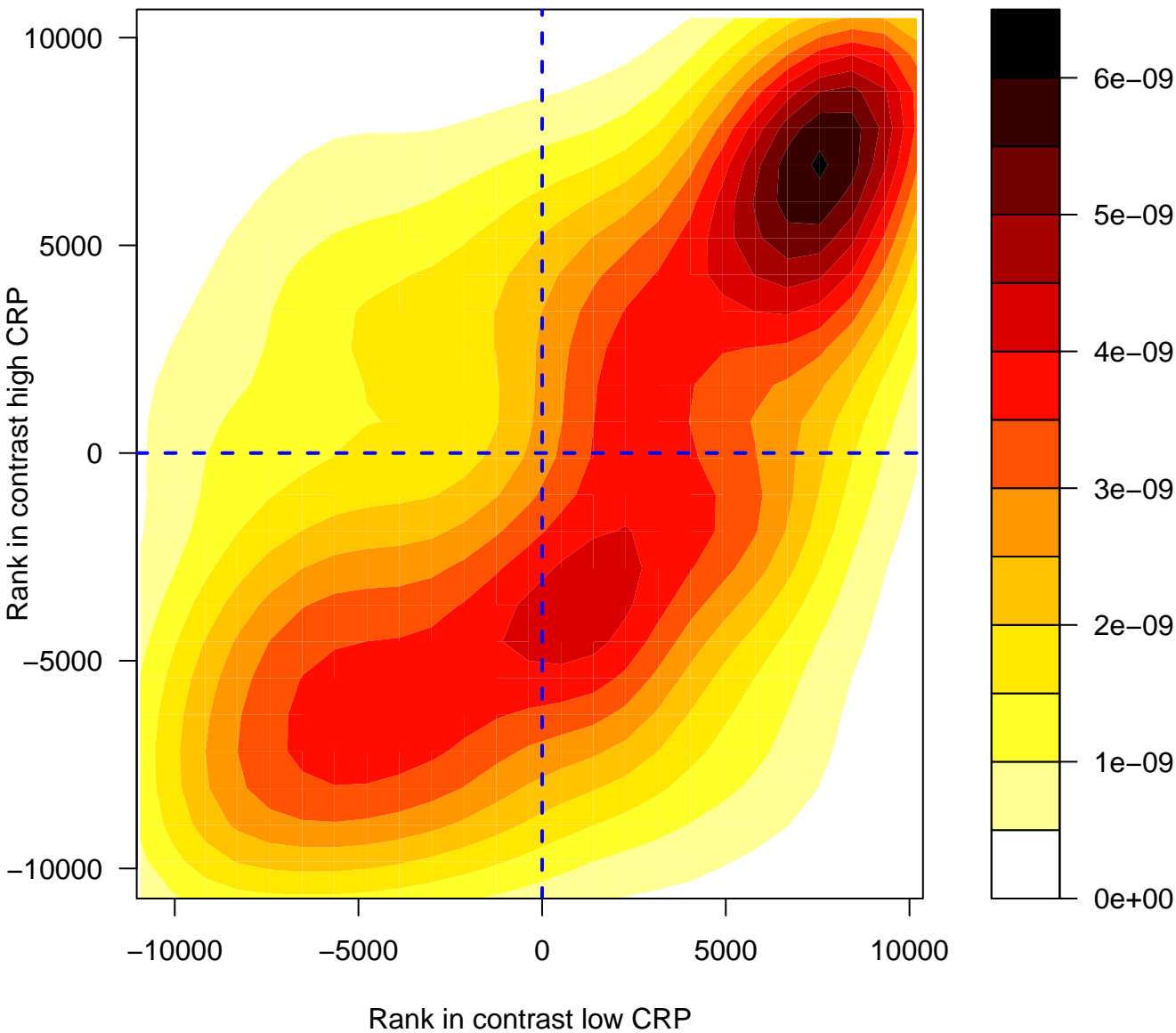


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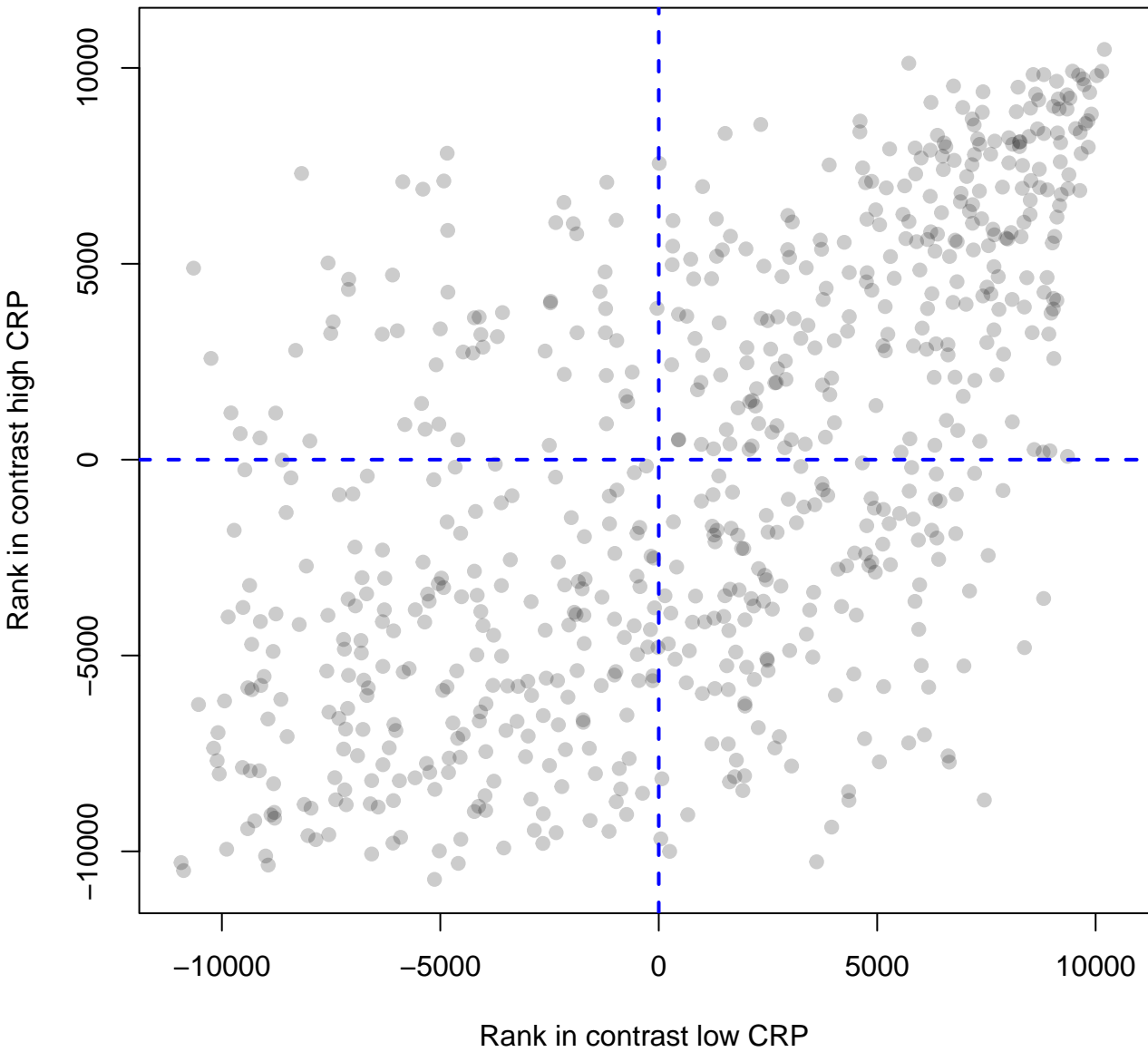




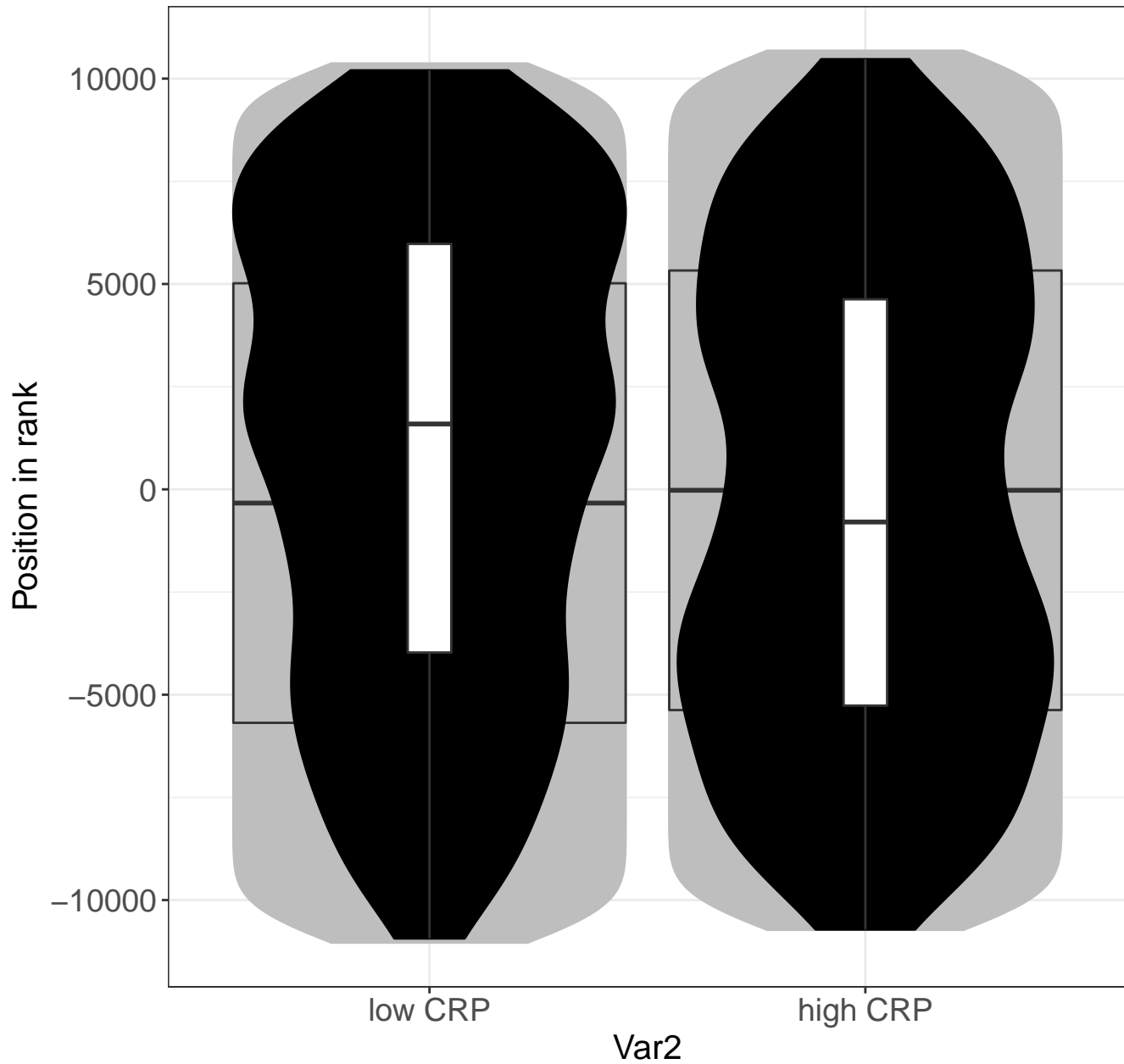
# Metabolism of RNA



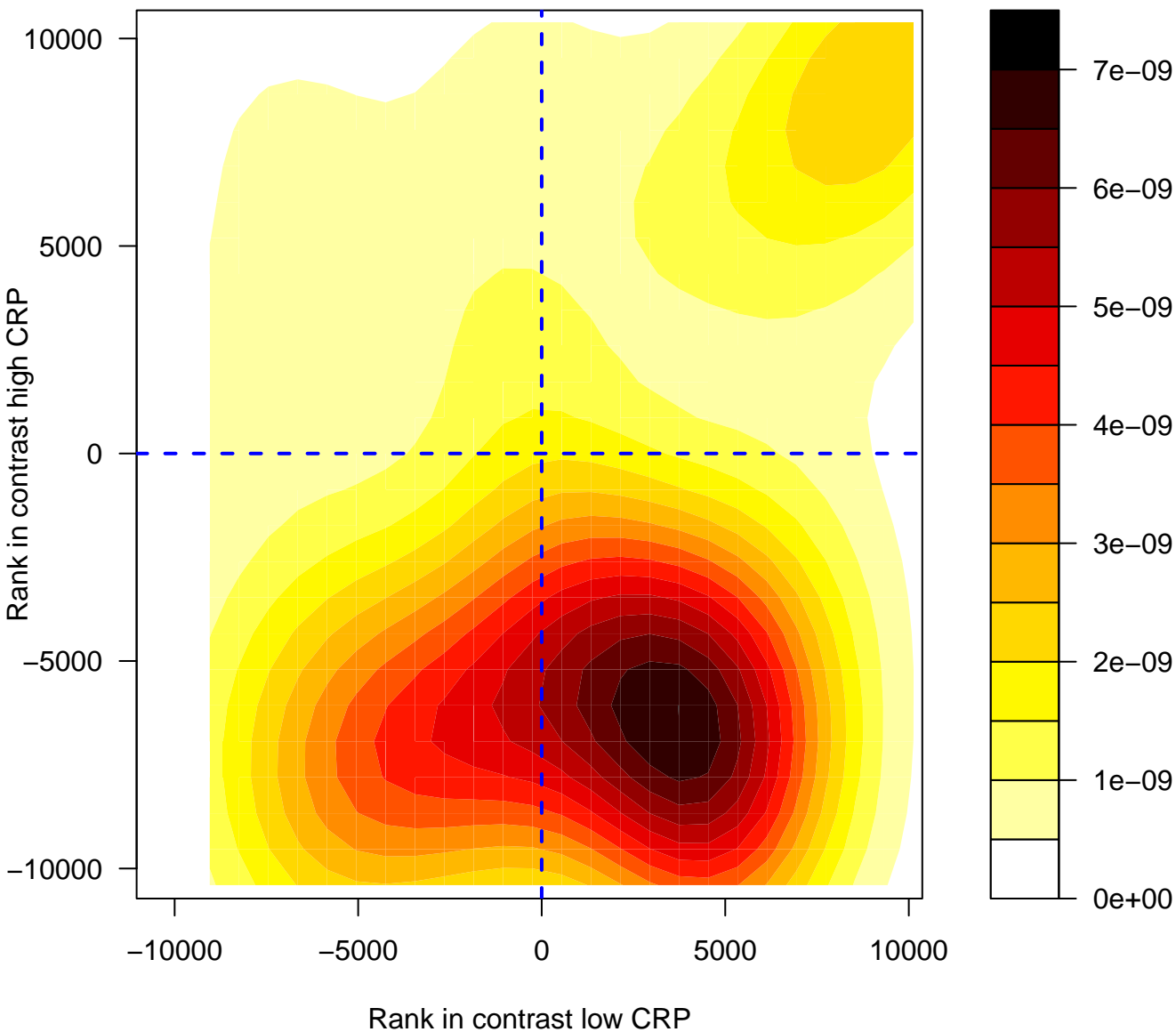
# Metabolism of RNA



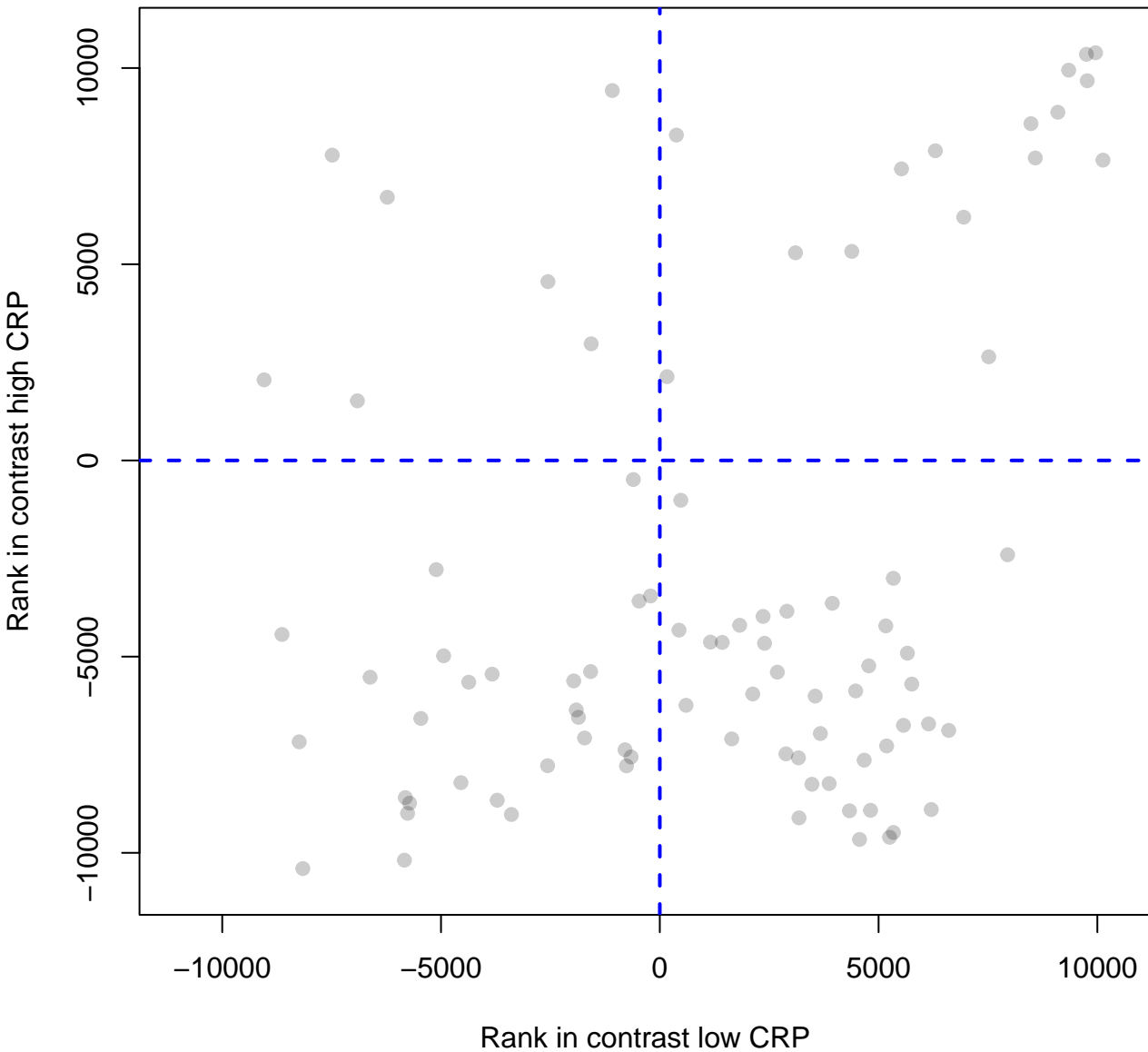
# Metabolism of RNA



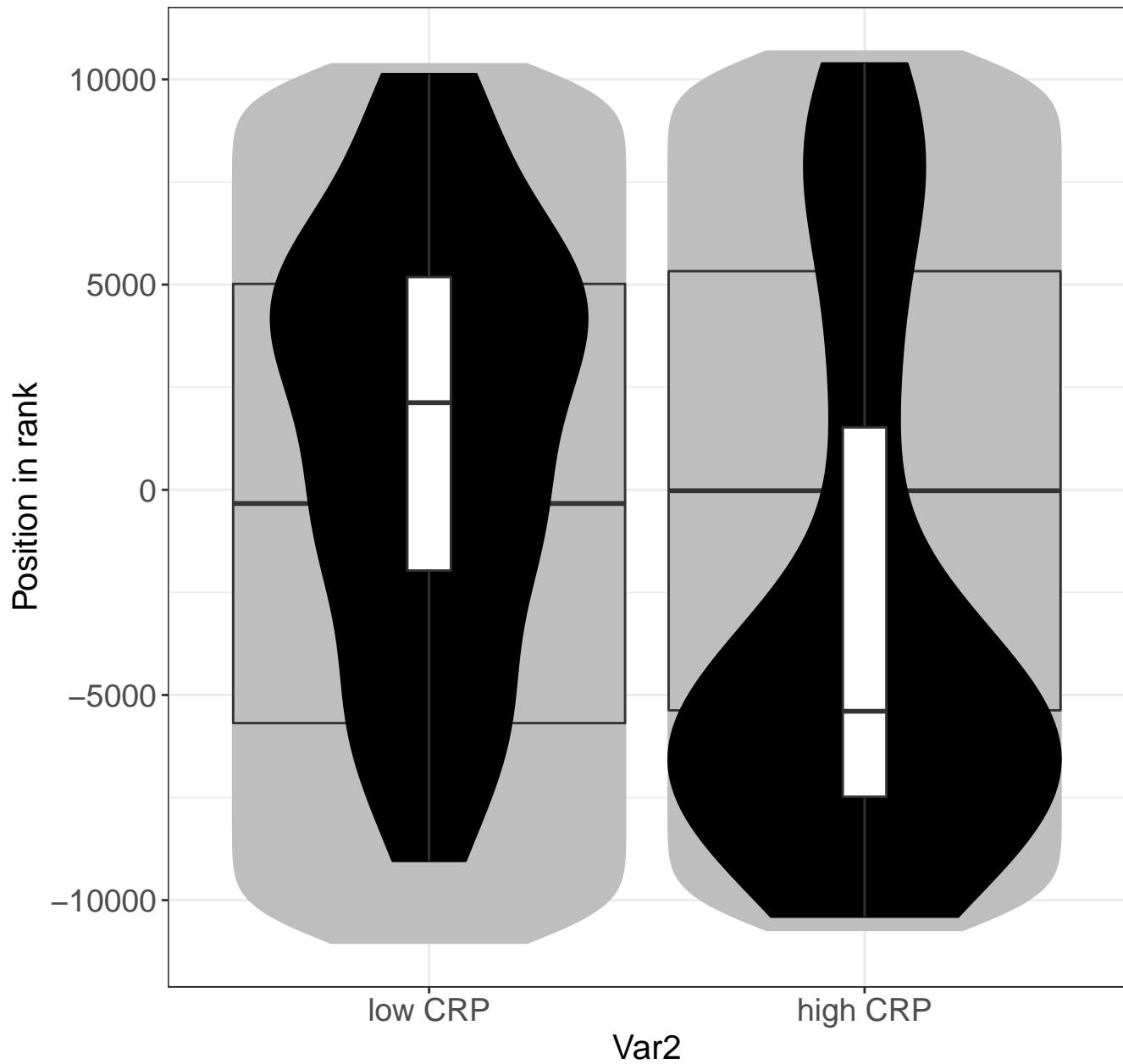
# FCERI mediated MAPK activation



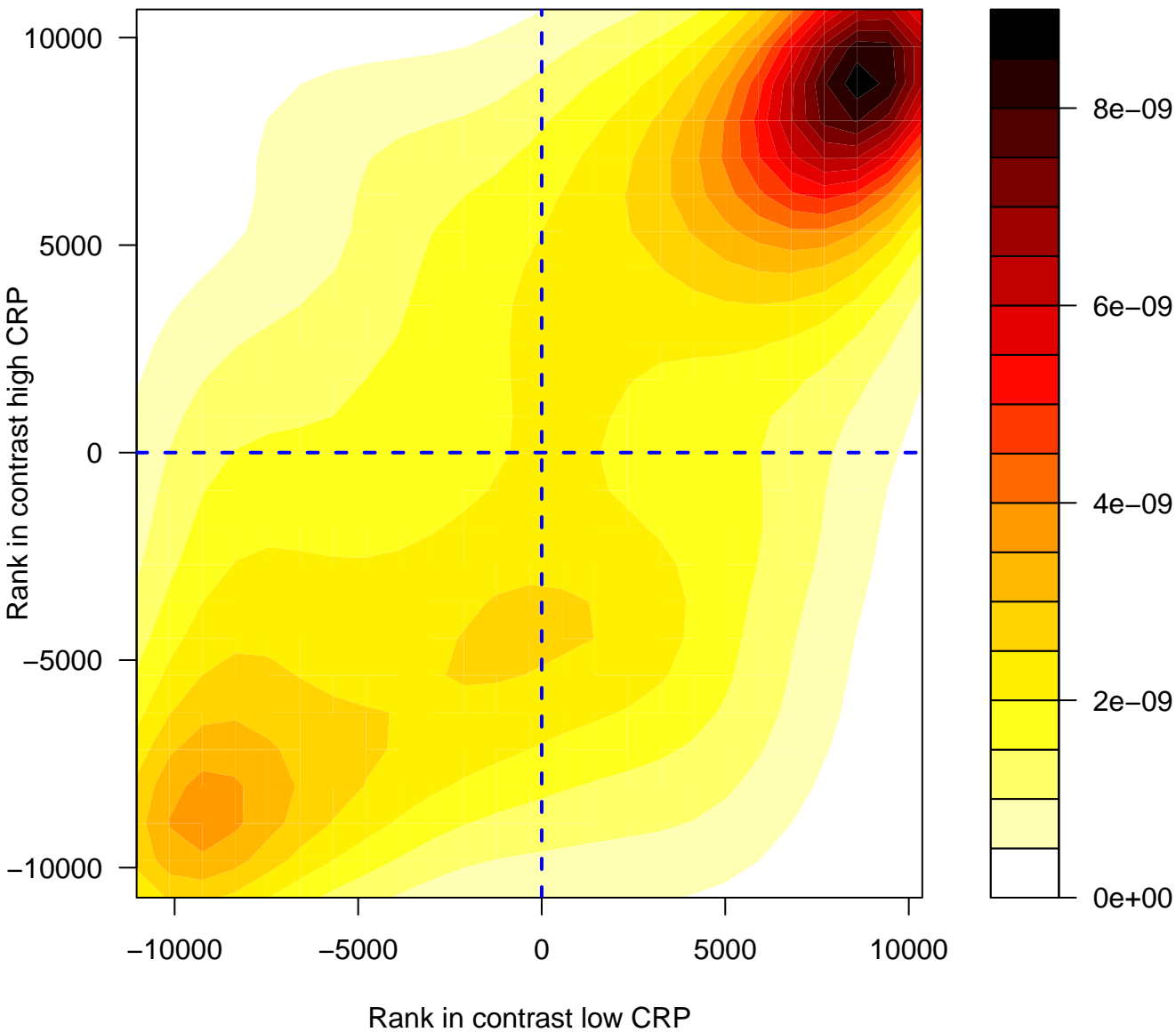
# FCERI mediated MAPK activation



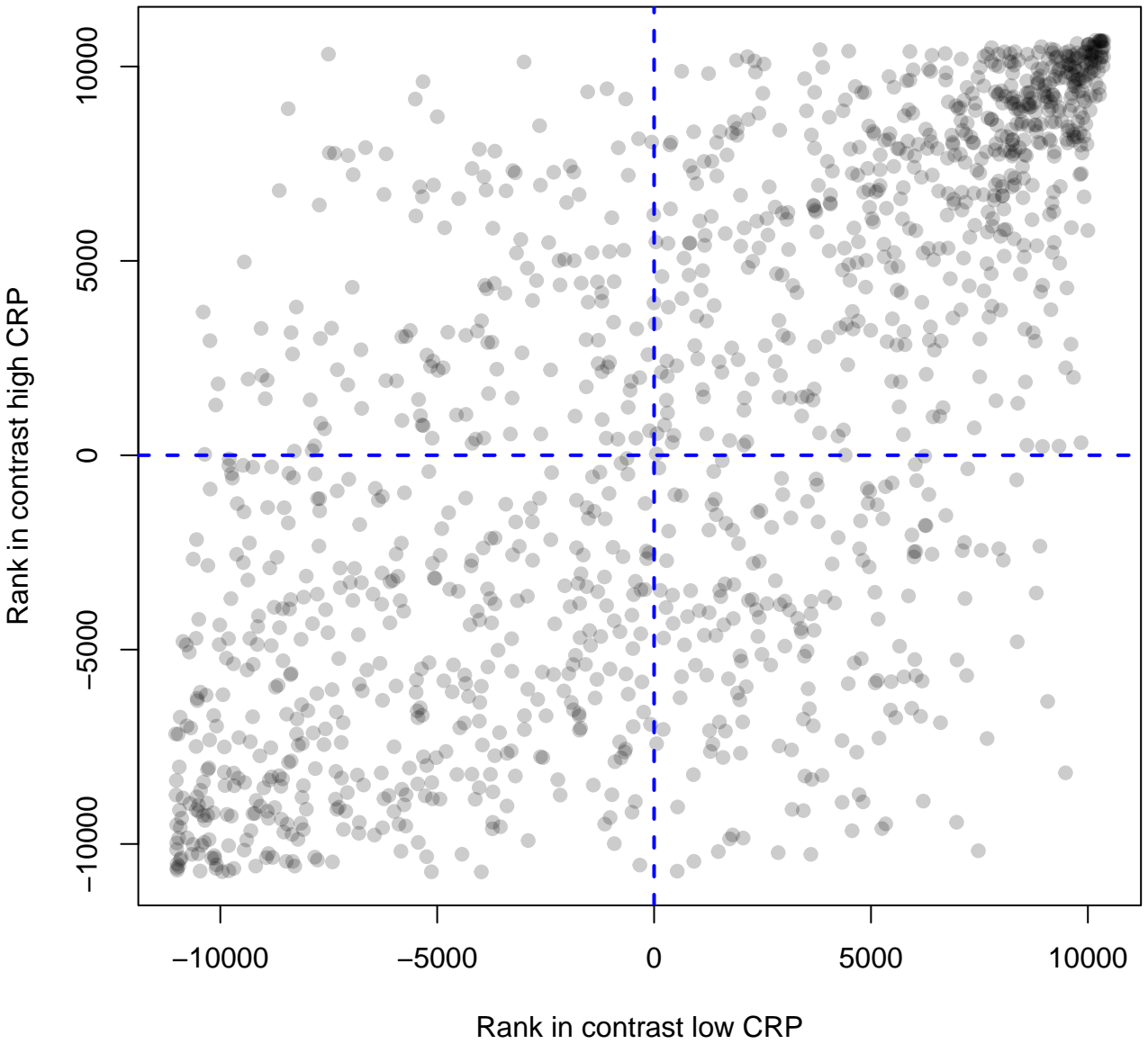
# FCERI mediated MAPK activation



# Disease

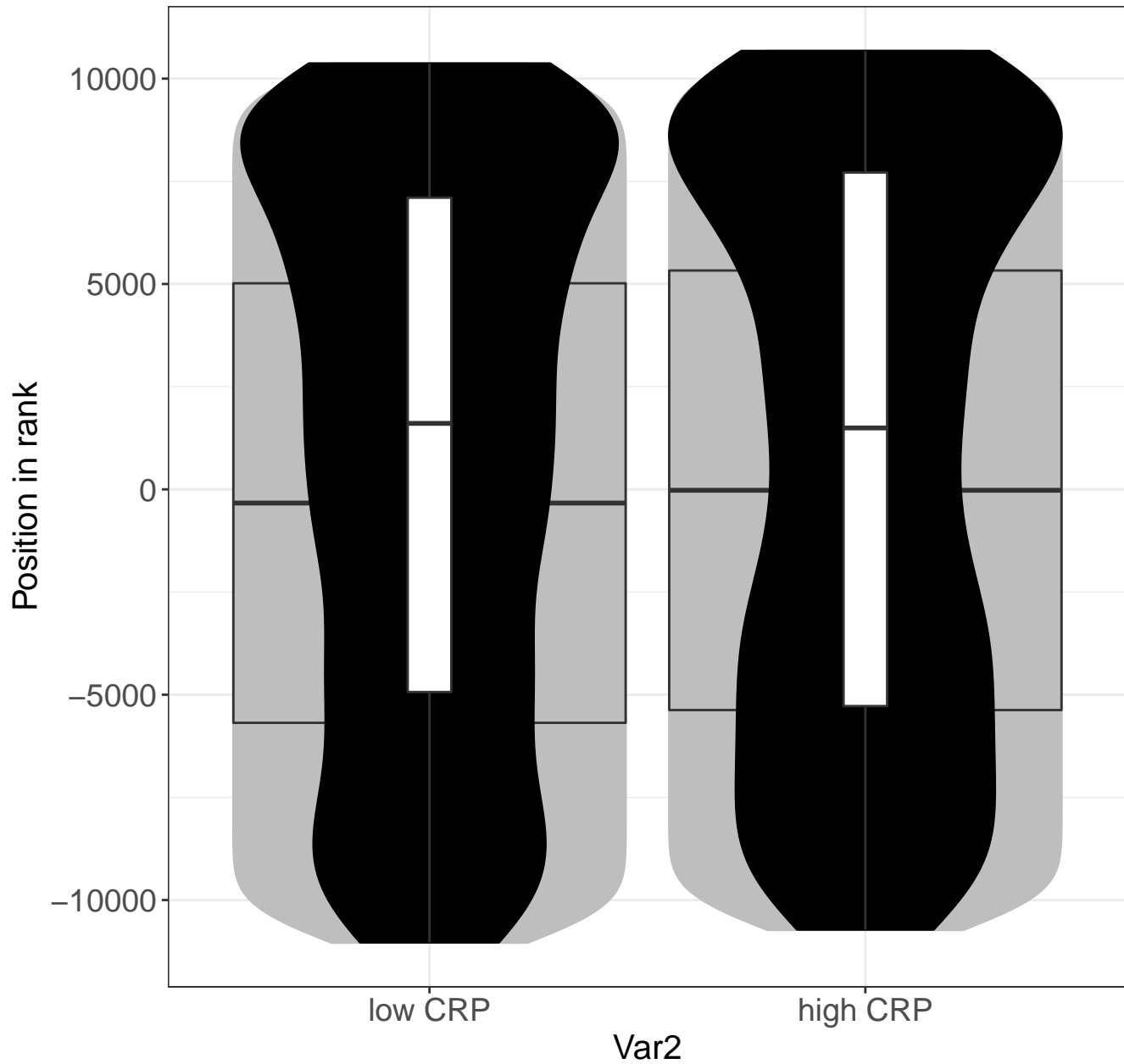


# Disease

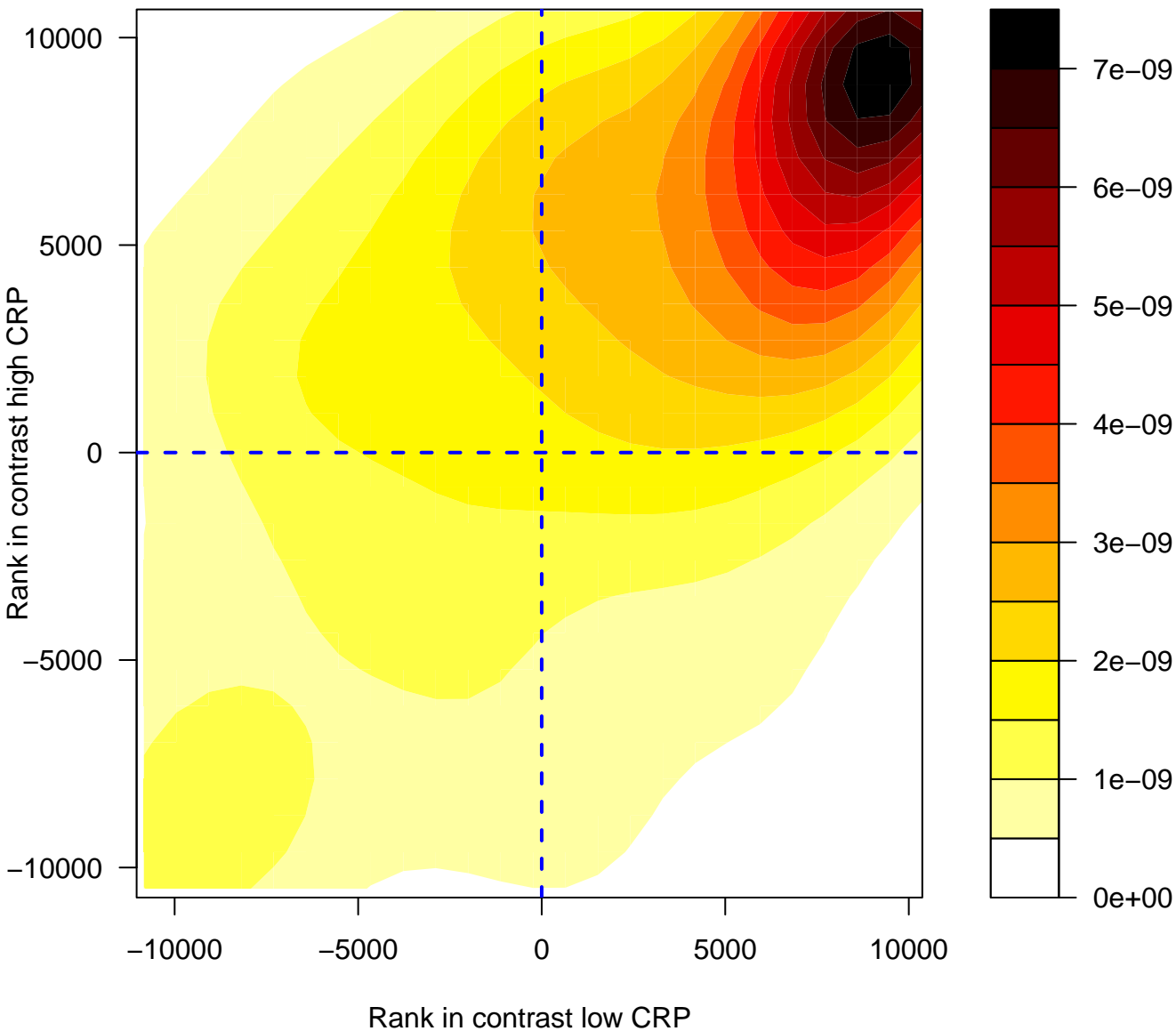




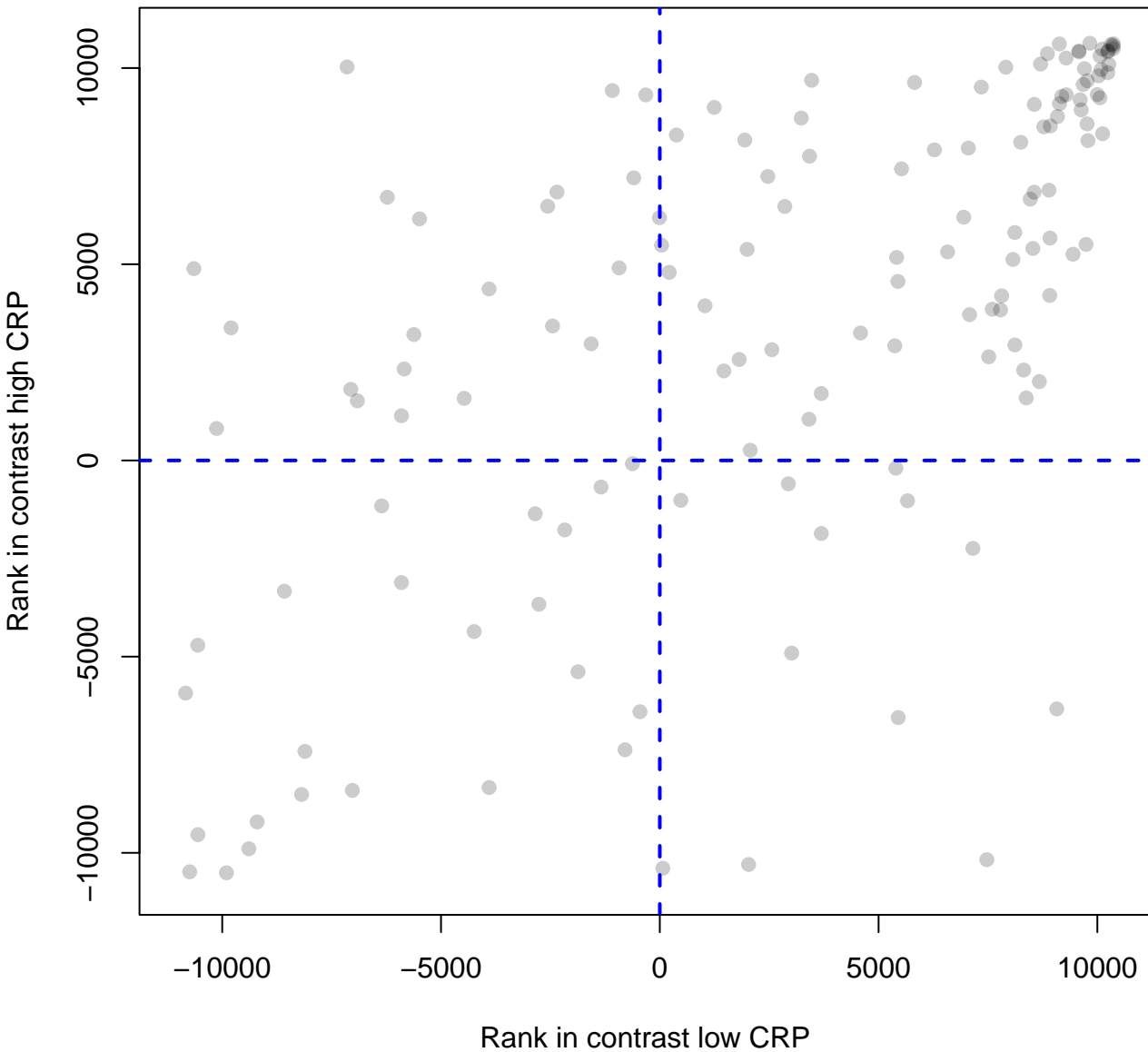
# Disease



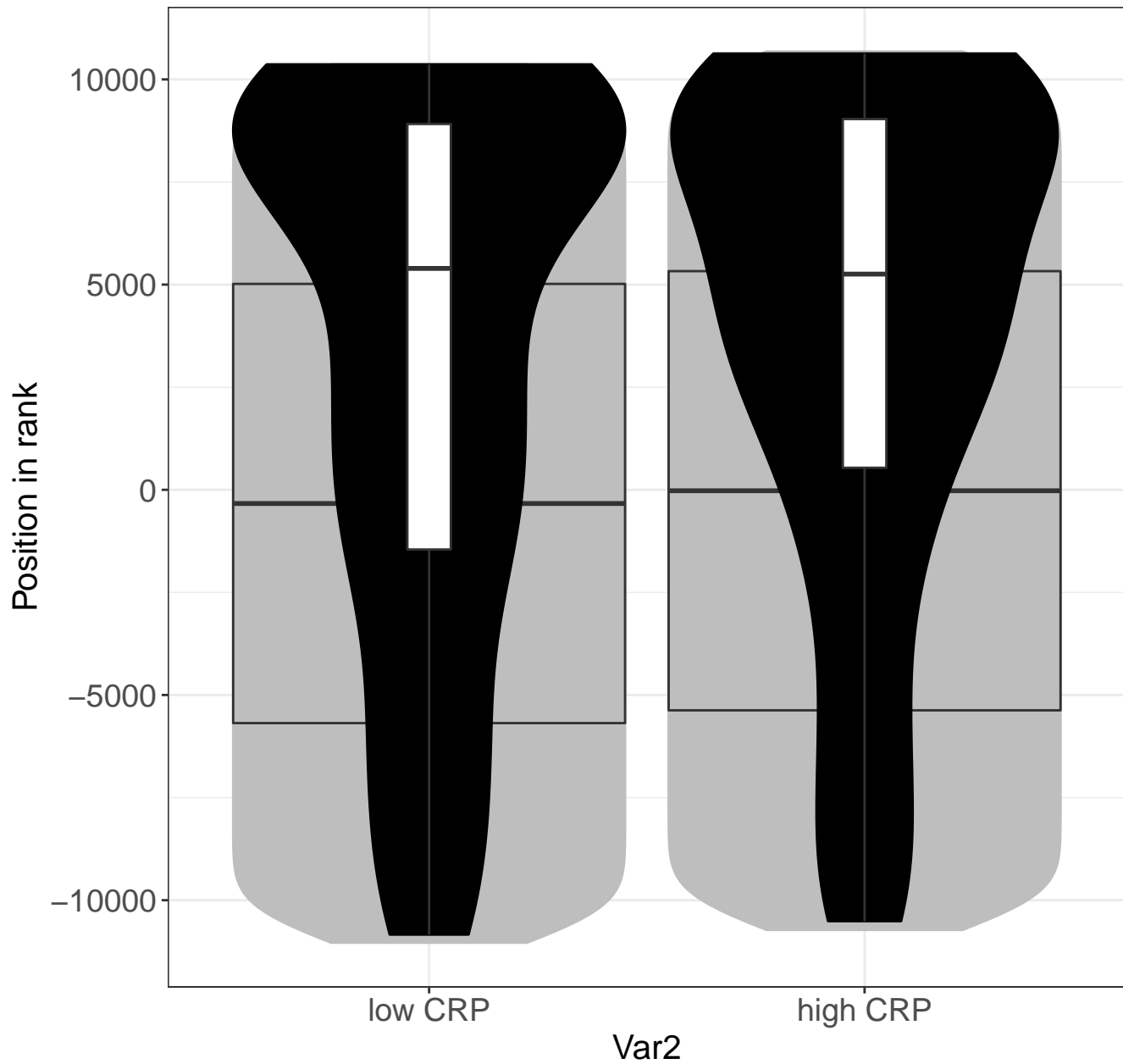
# Toll-like Receptor Cascades



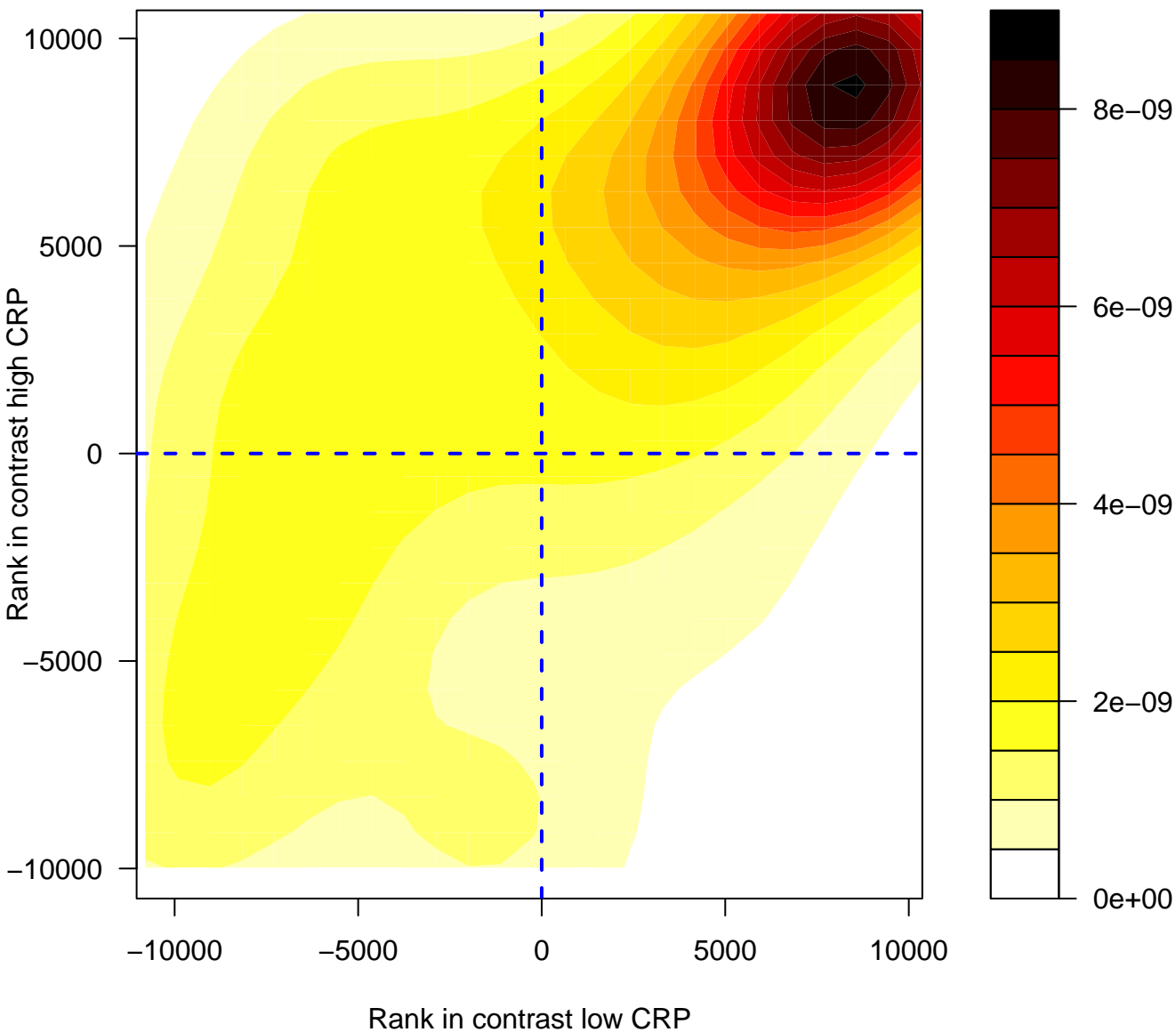
# Toll-like Receptor Cascades



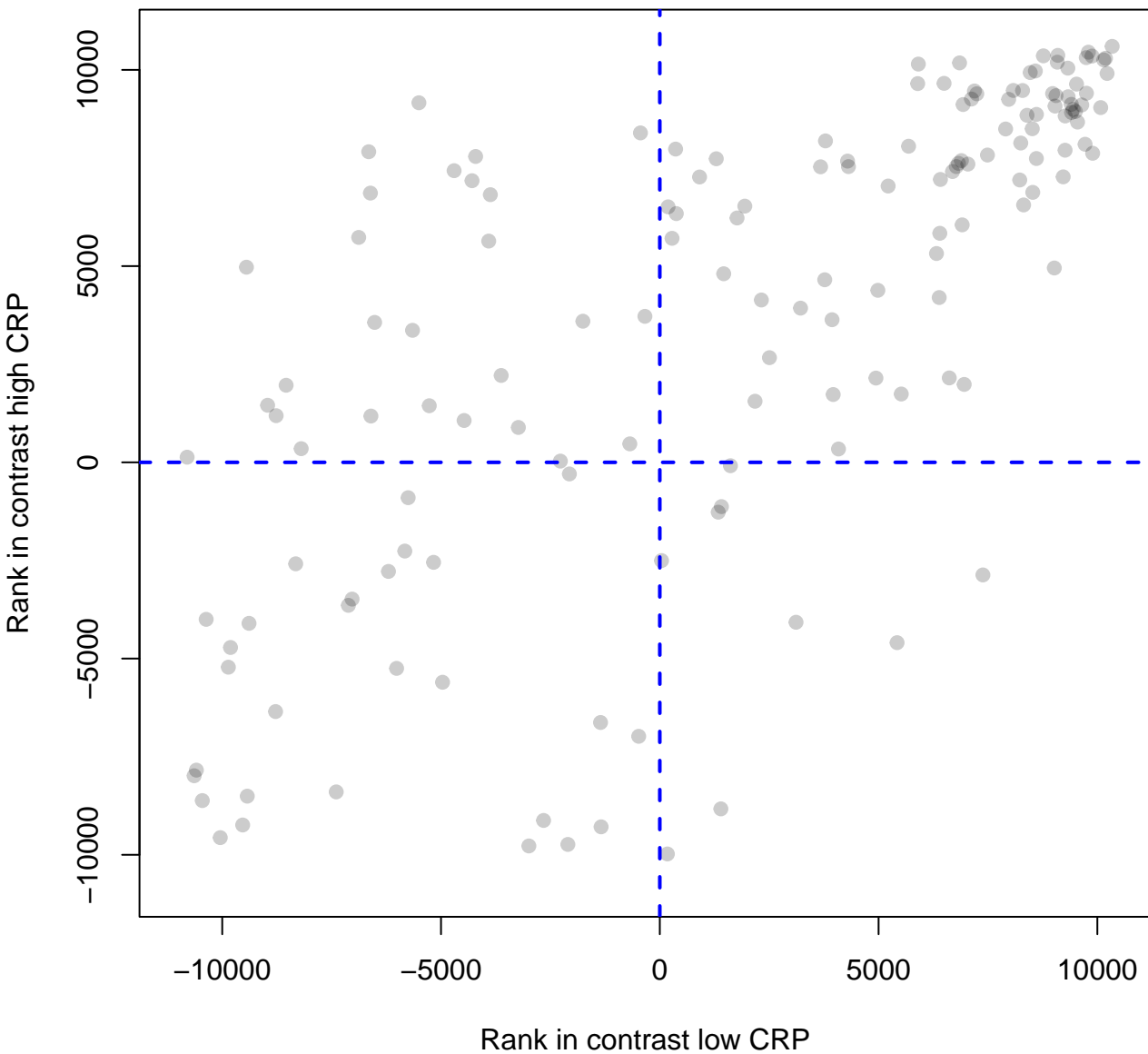
# Toll-like Receptor Cascades



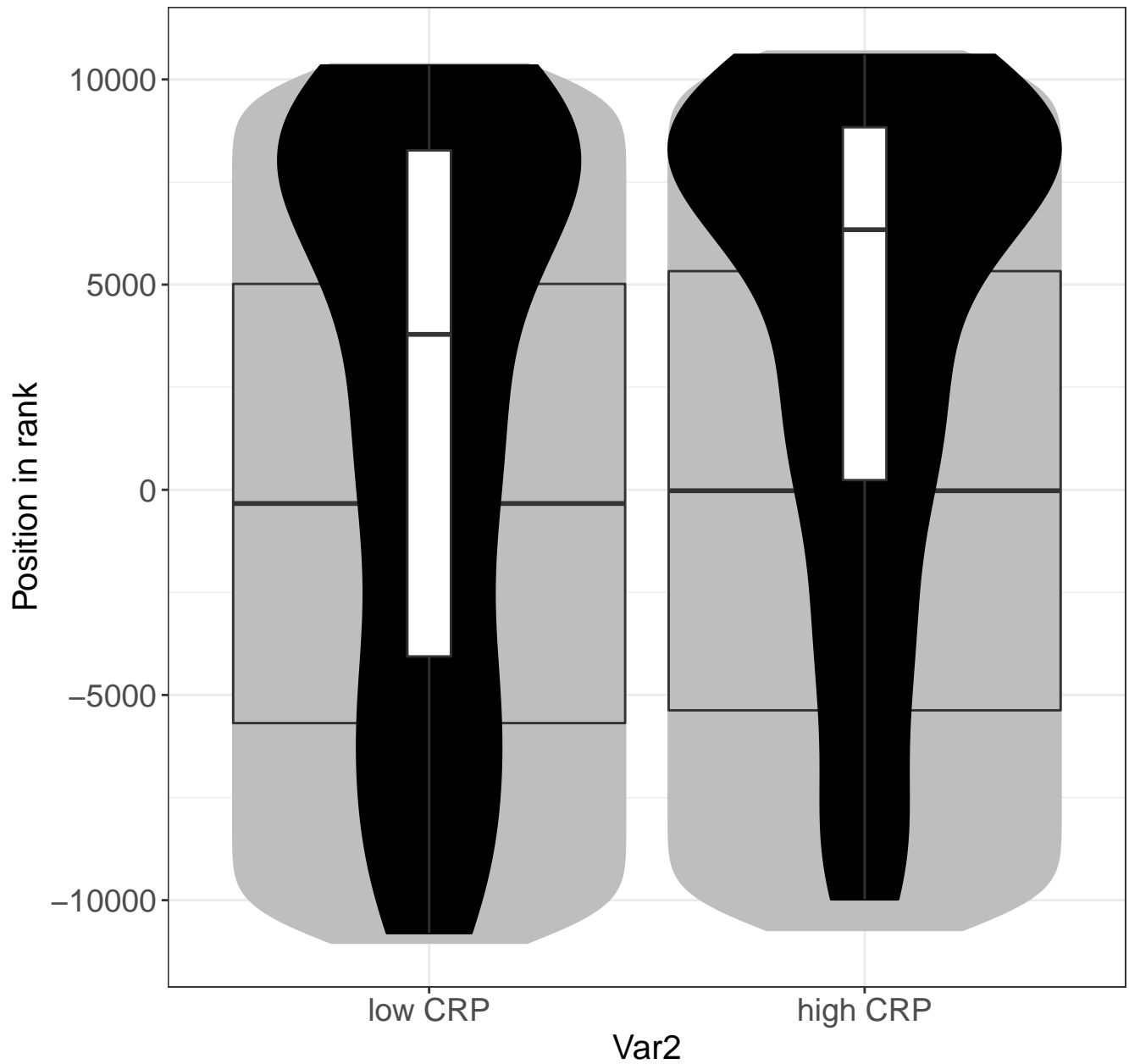
# Transport to the Golgi and subsequent modification



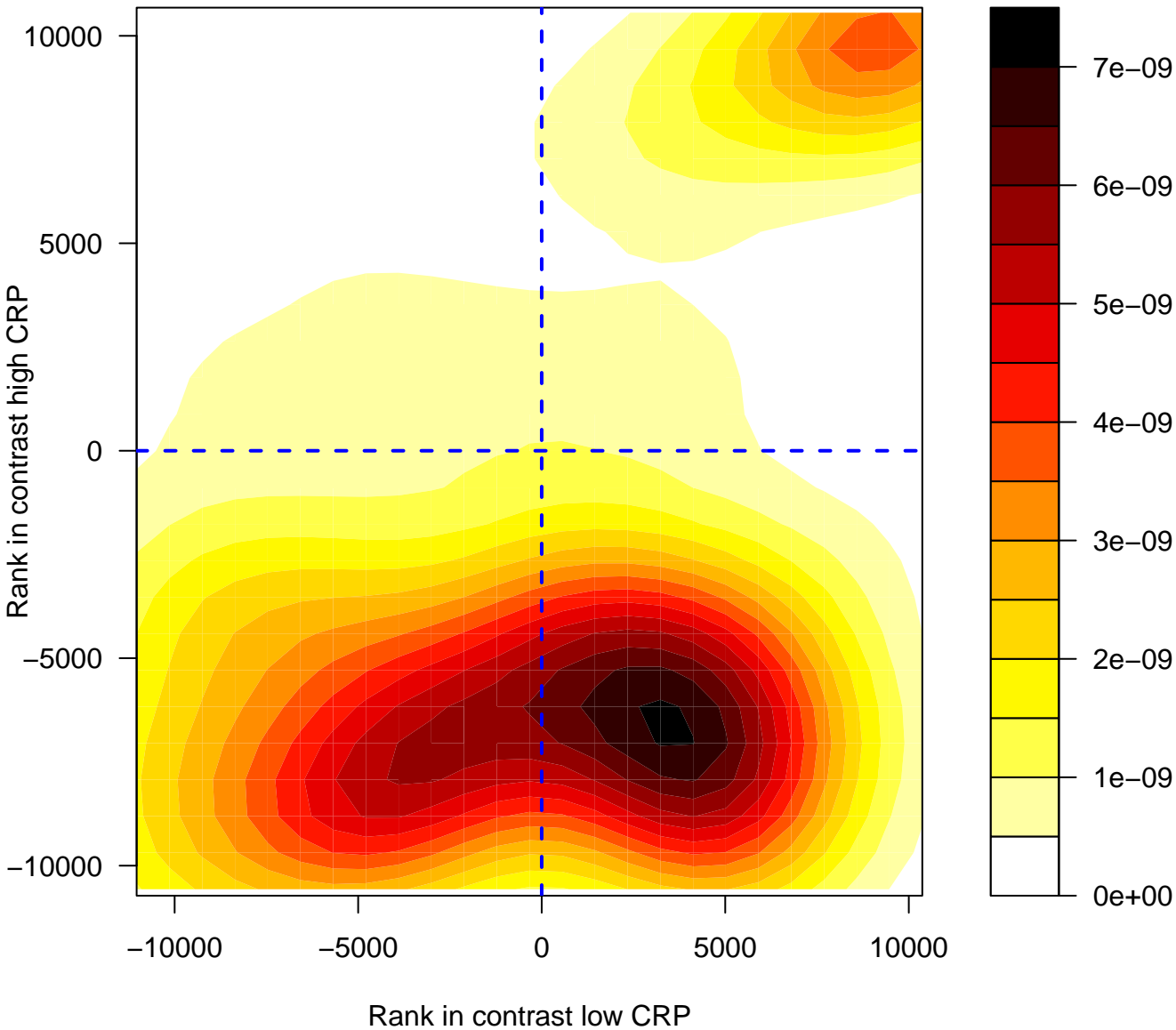
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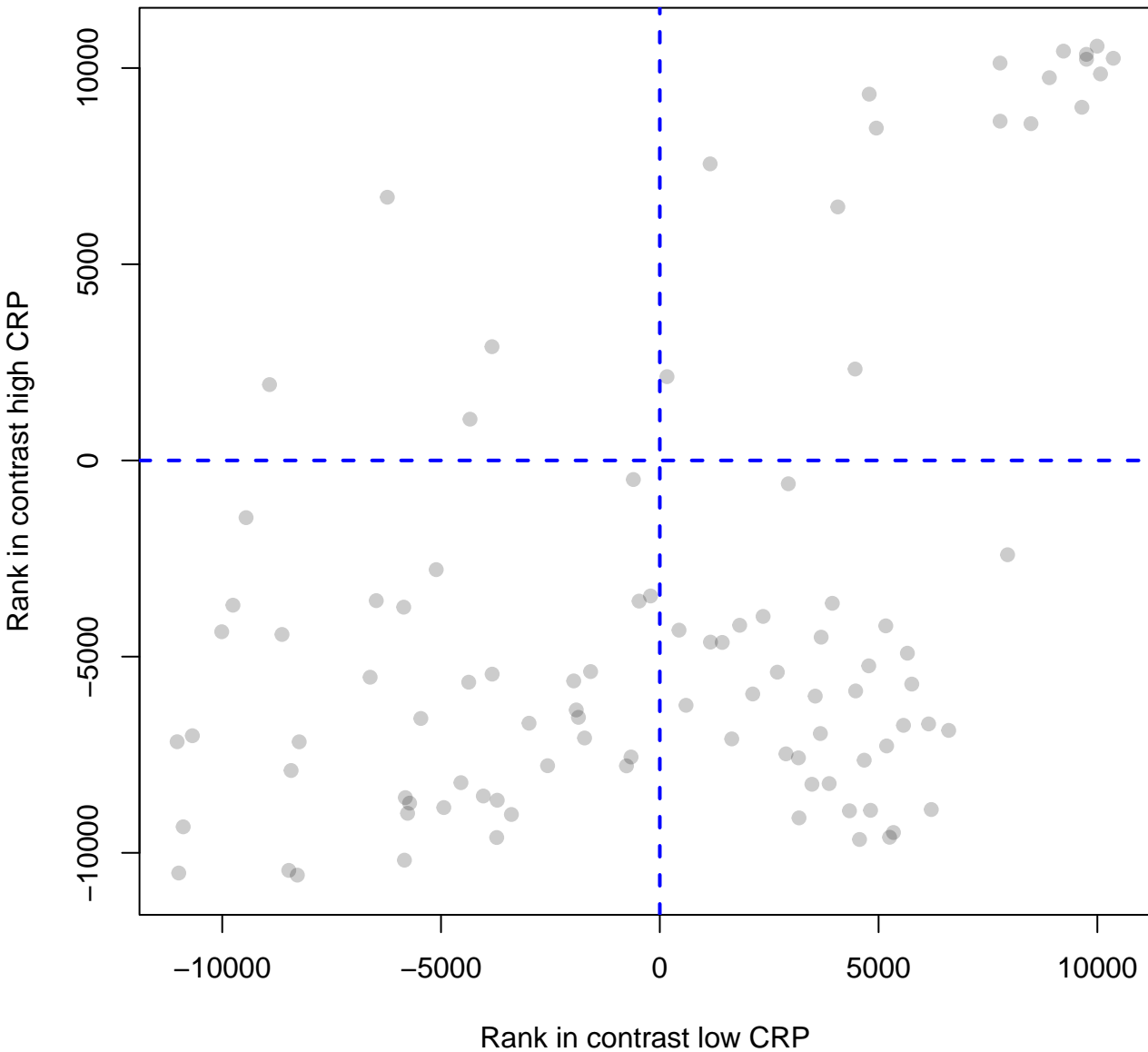


# FCGR3A-mediated IL10 synthesis

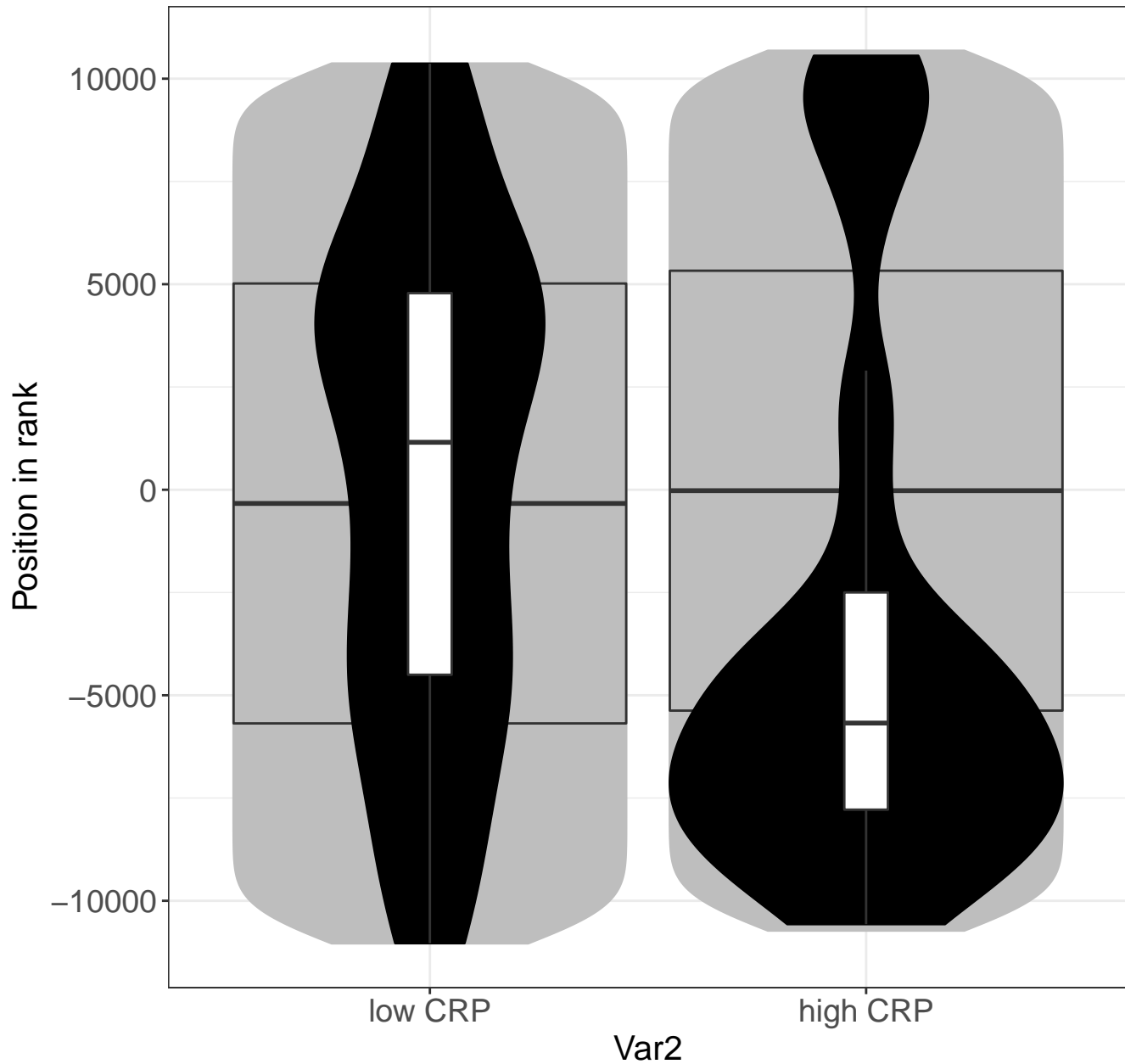




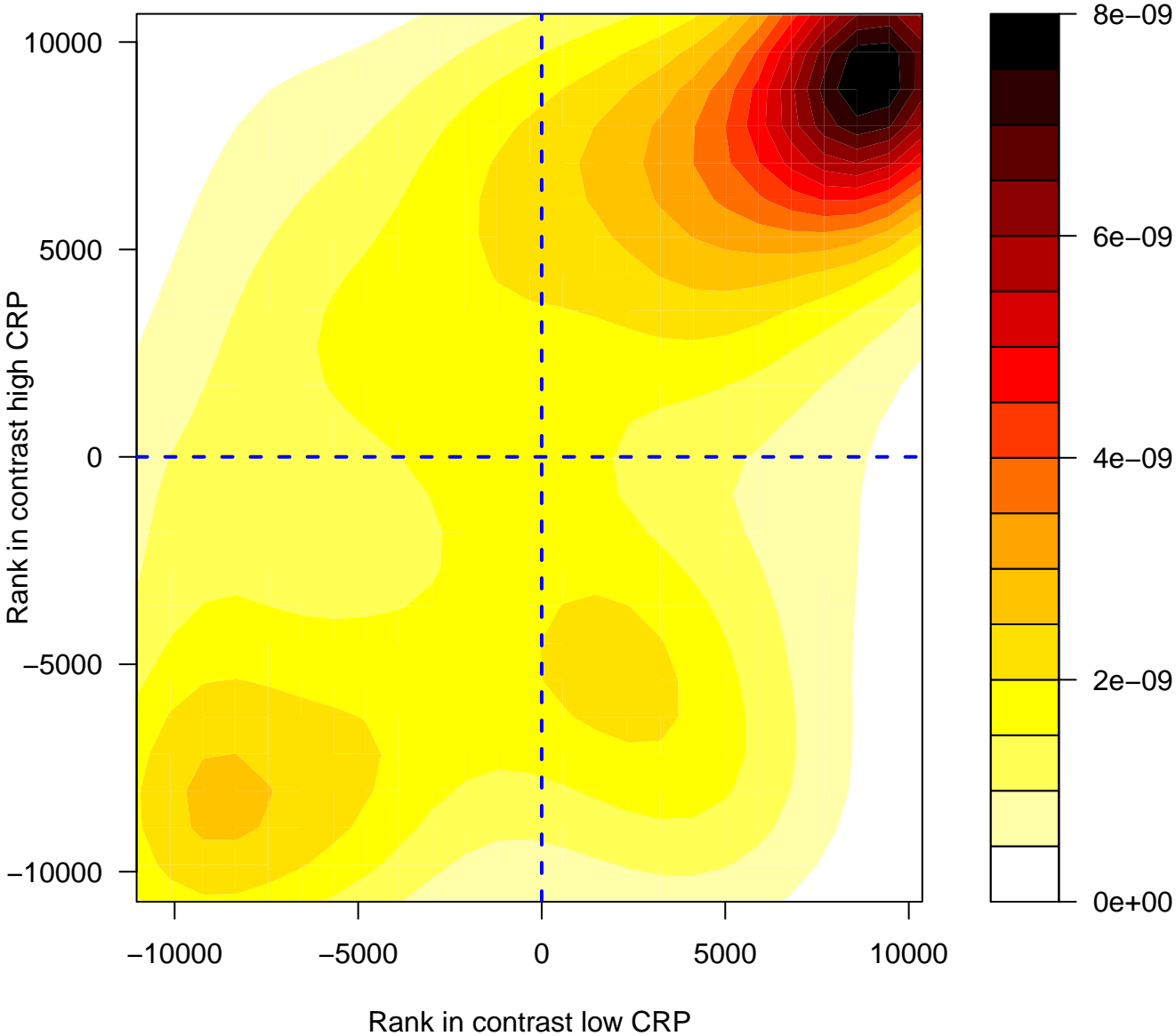
# FCGR3A-mediated IL10 synthesis



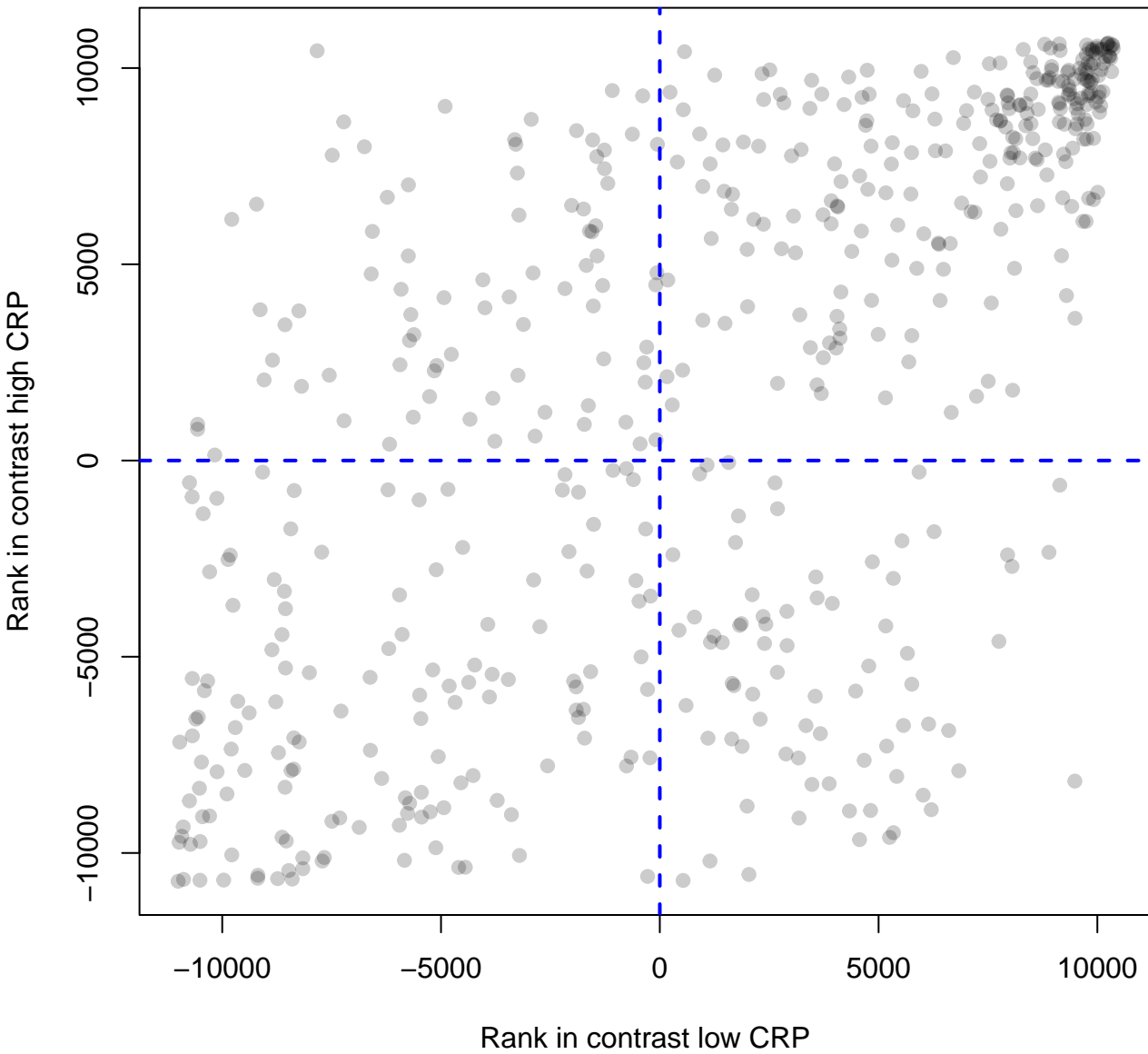
# FCGR3A-mediated IL10 synthesis



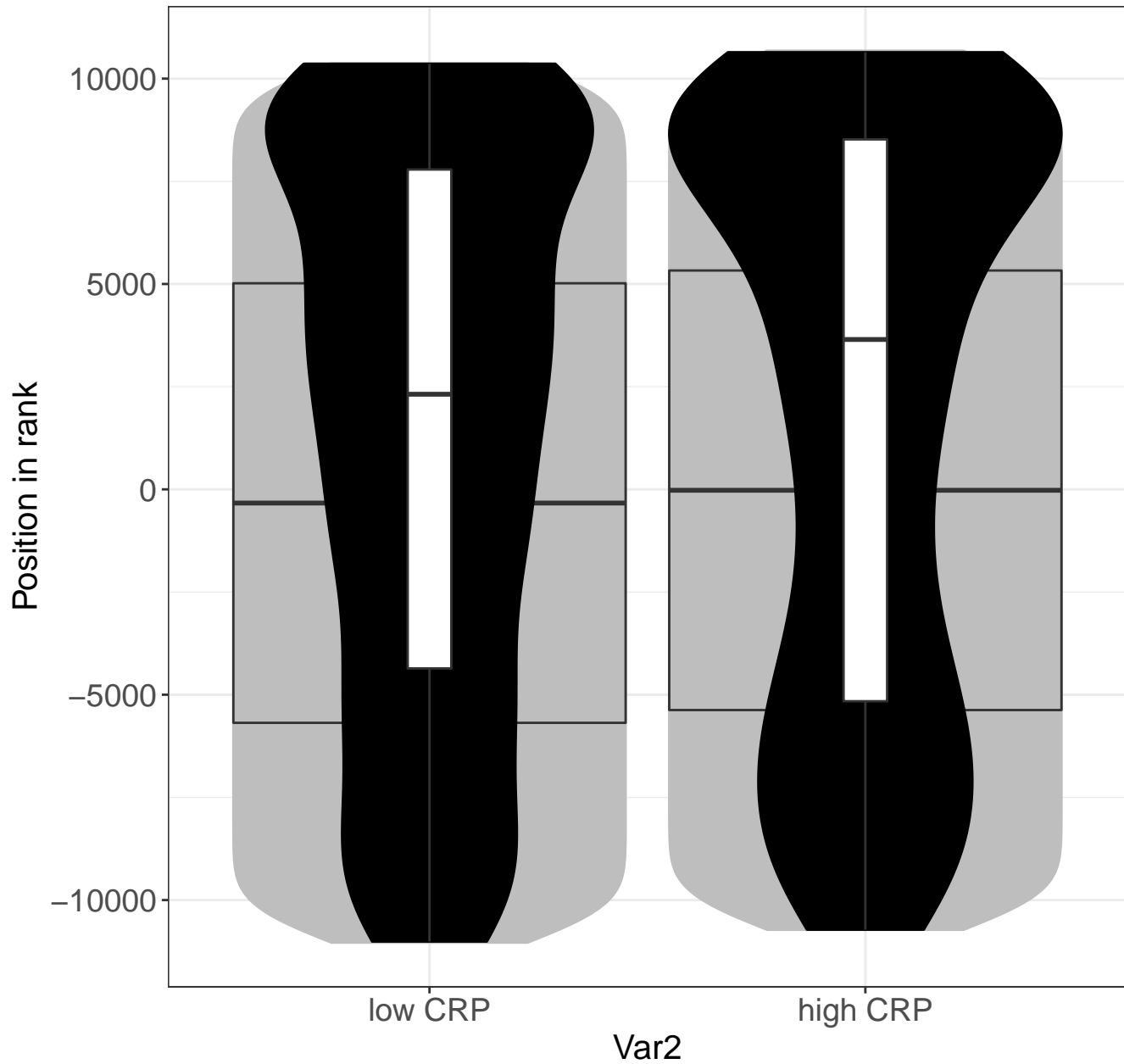
# Hemostasis



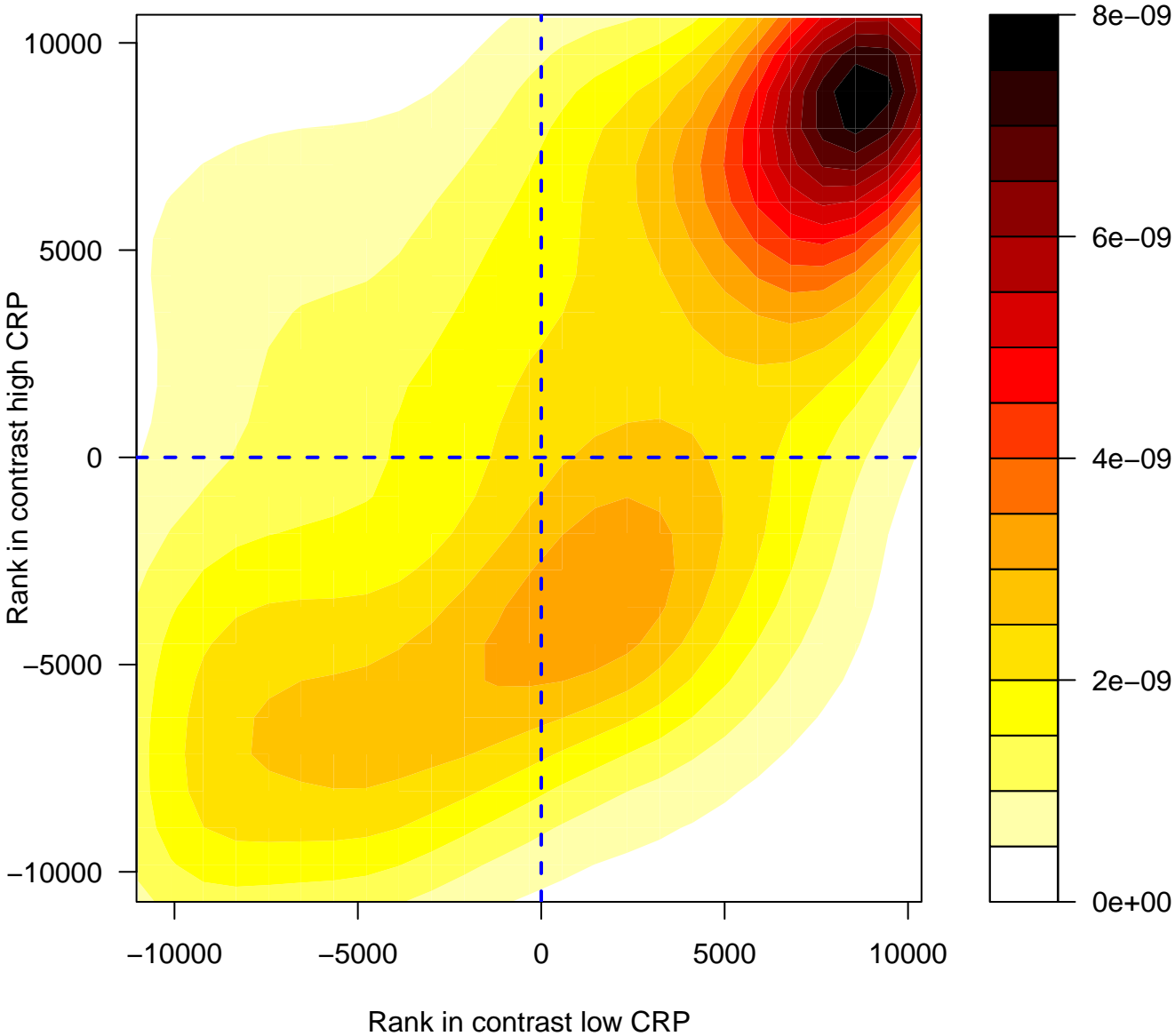
# Hemostasis



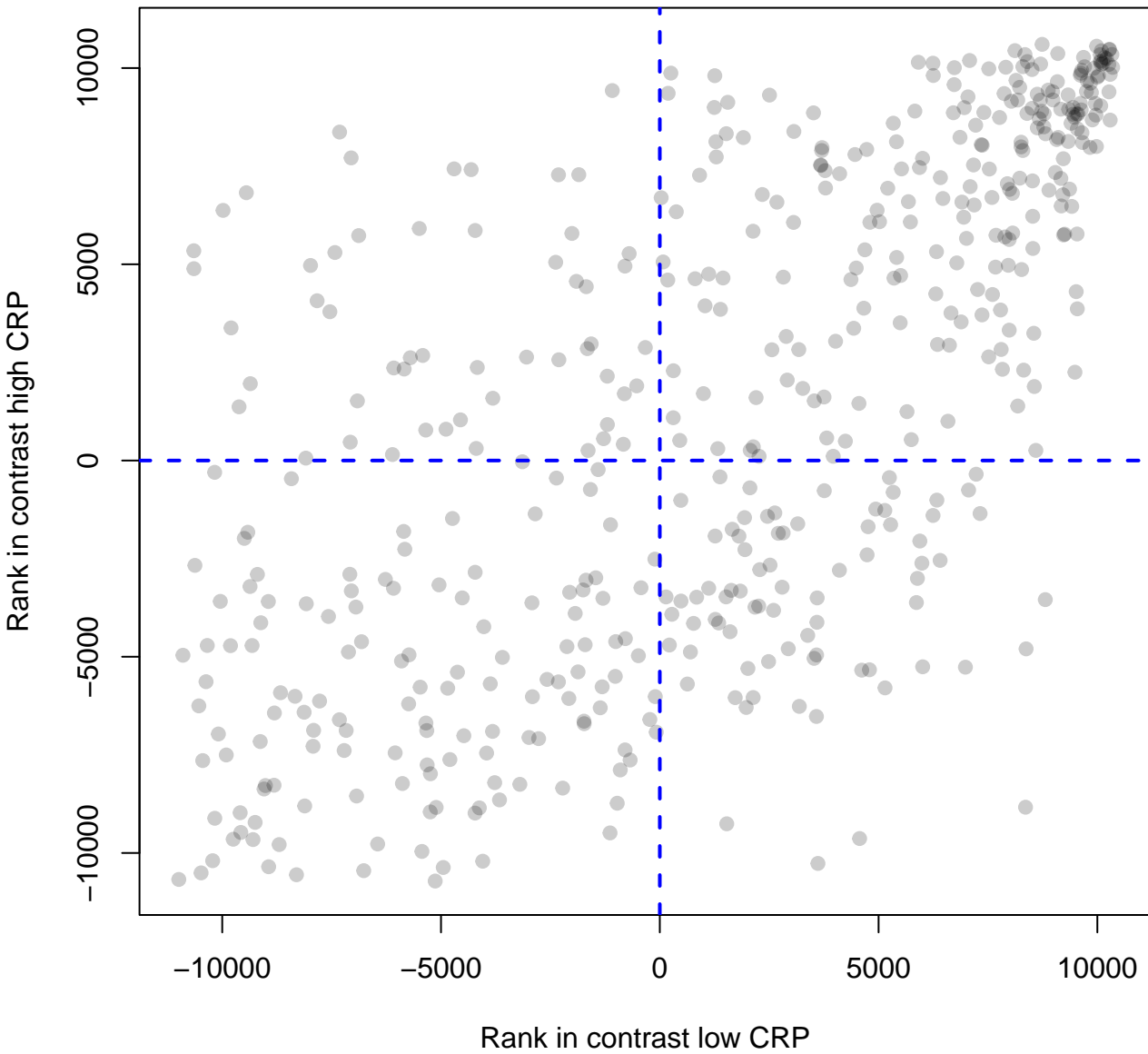
# Hemostasis



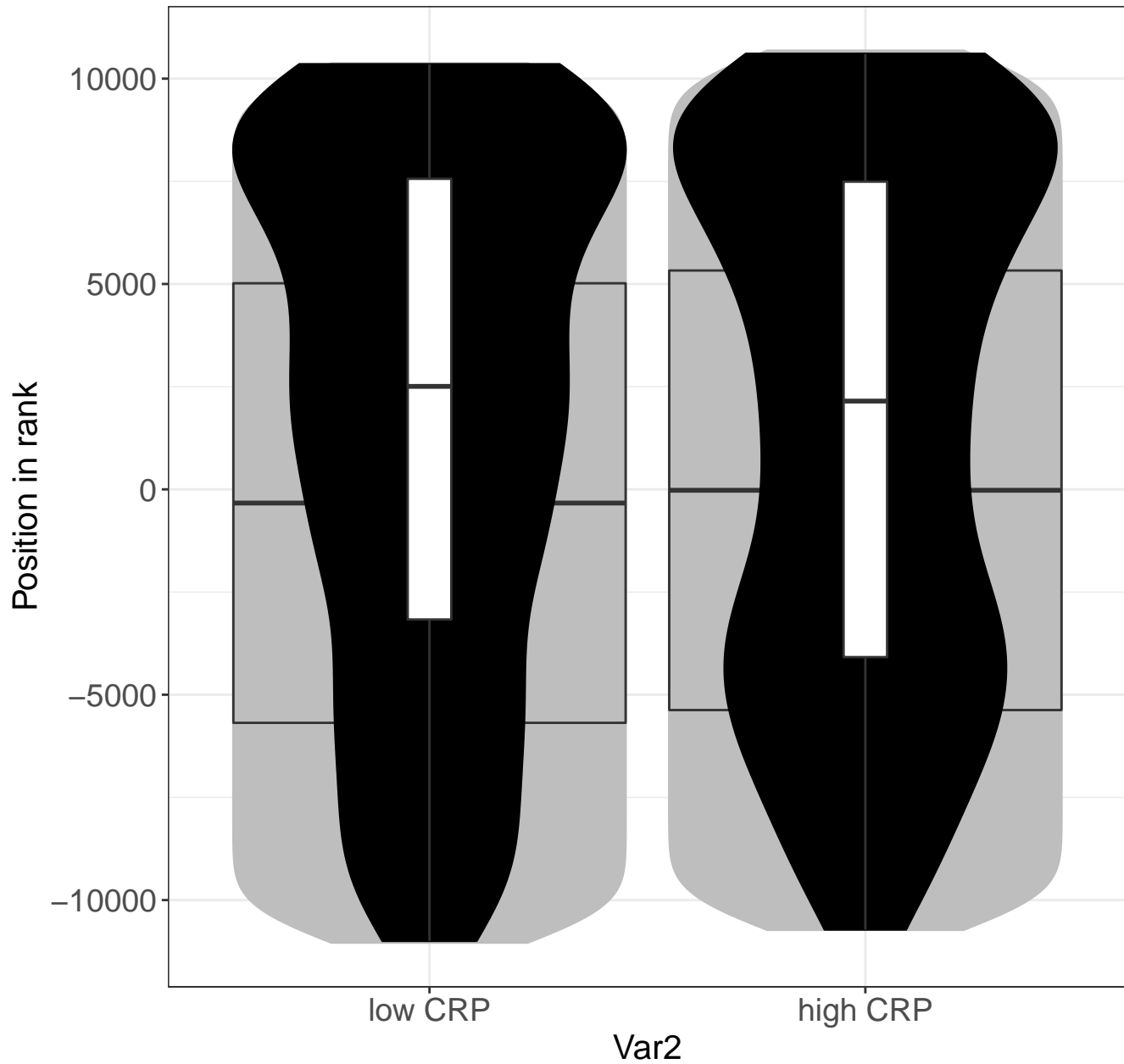
# Cellular responses to external stimuli



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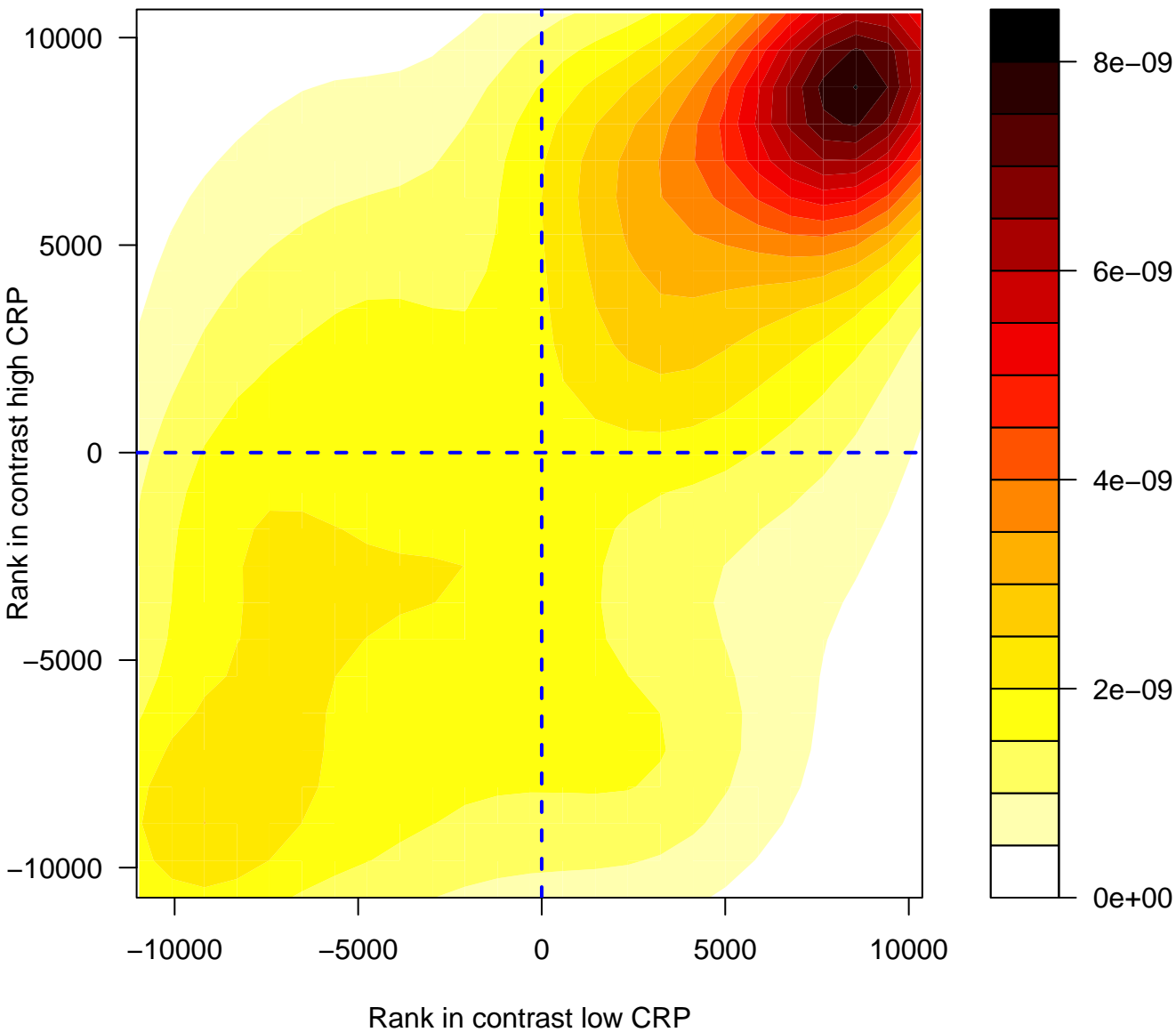


# Cellular responses to external stimuli

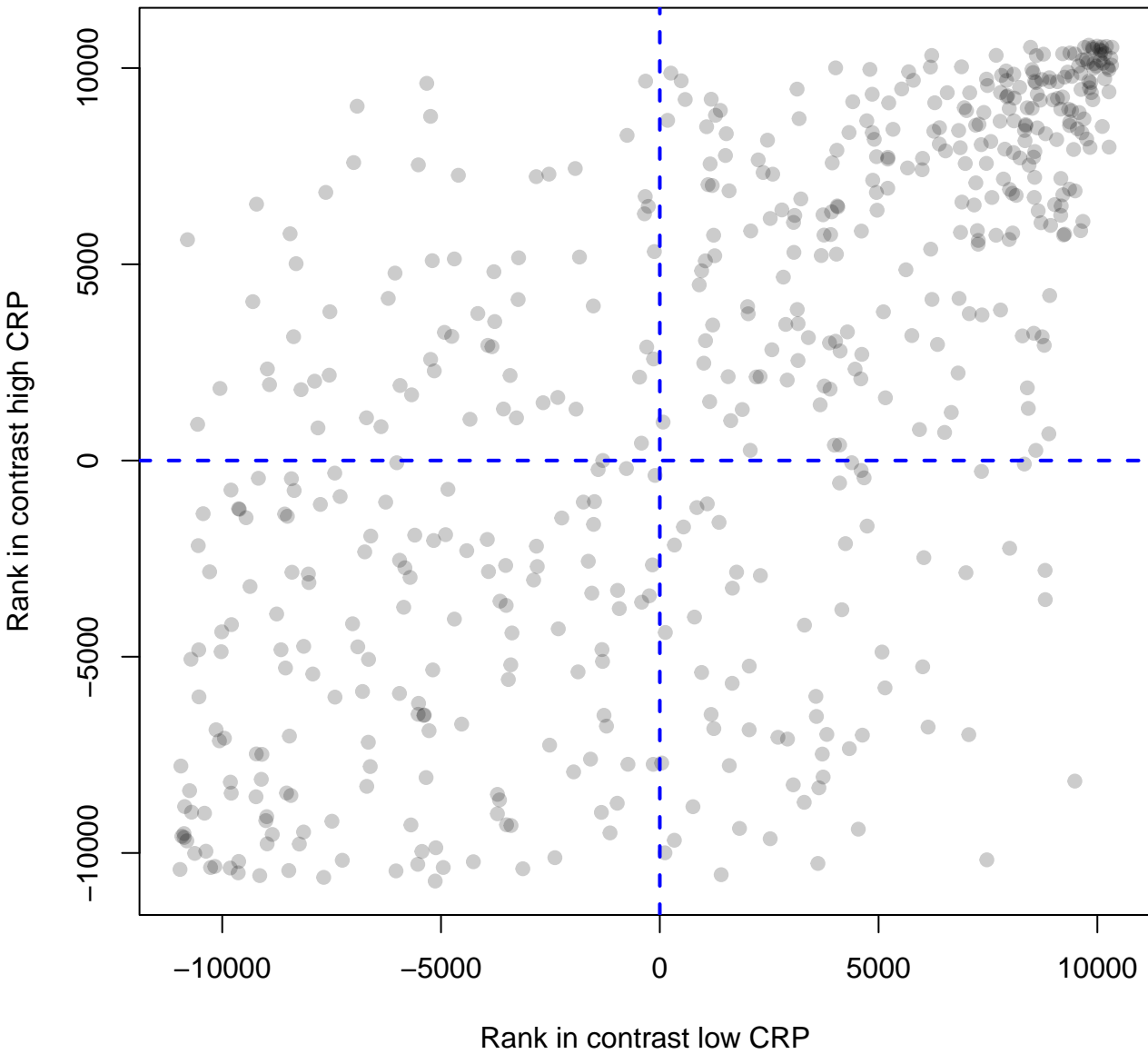




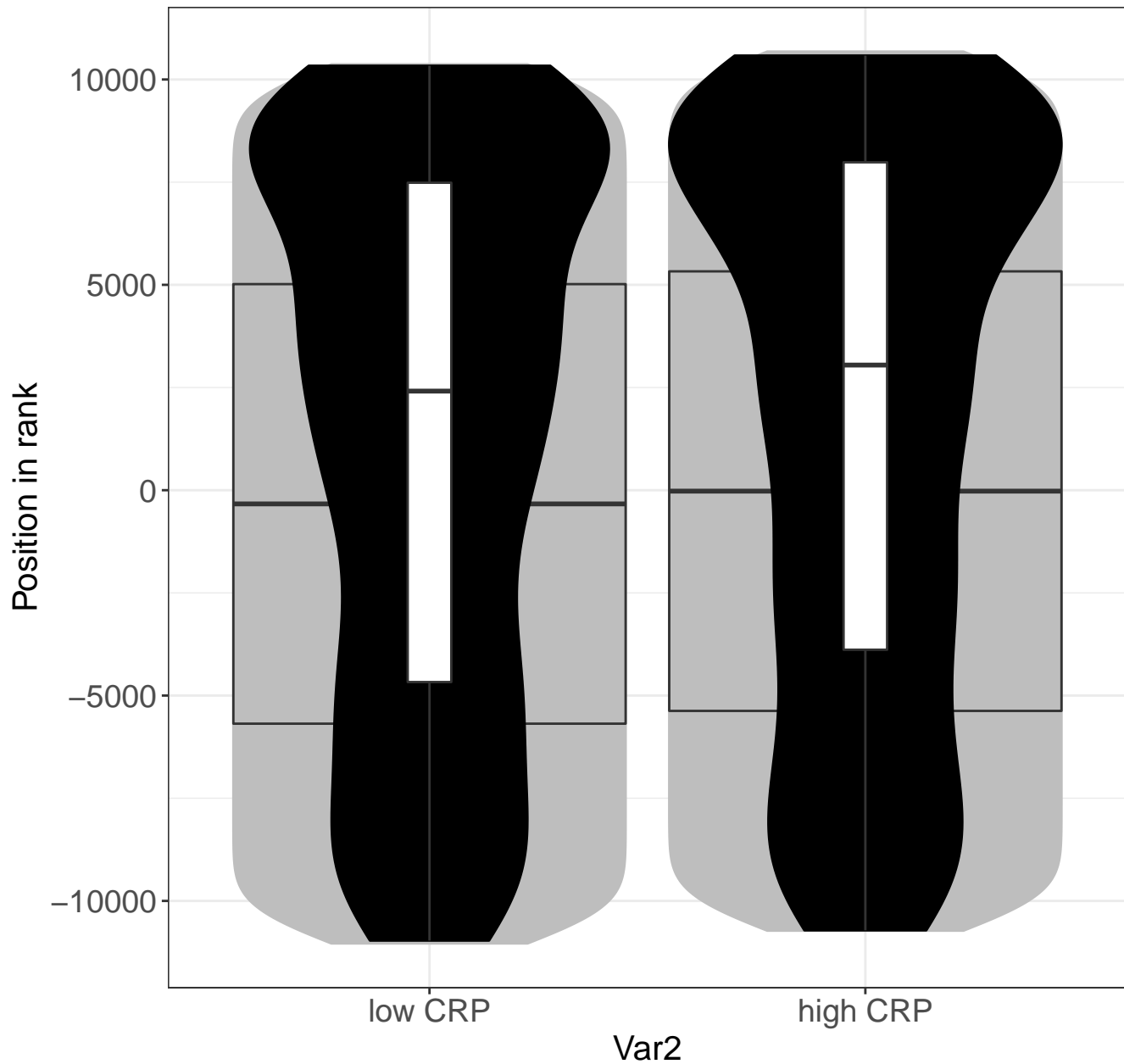
# Transport of small molecules



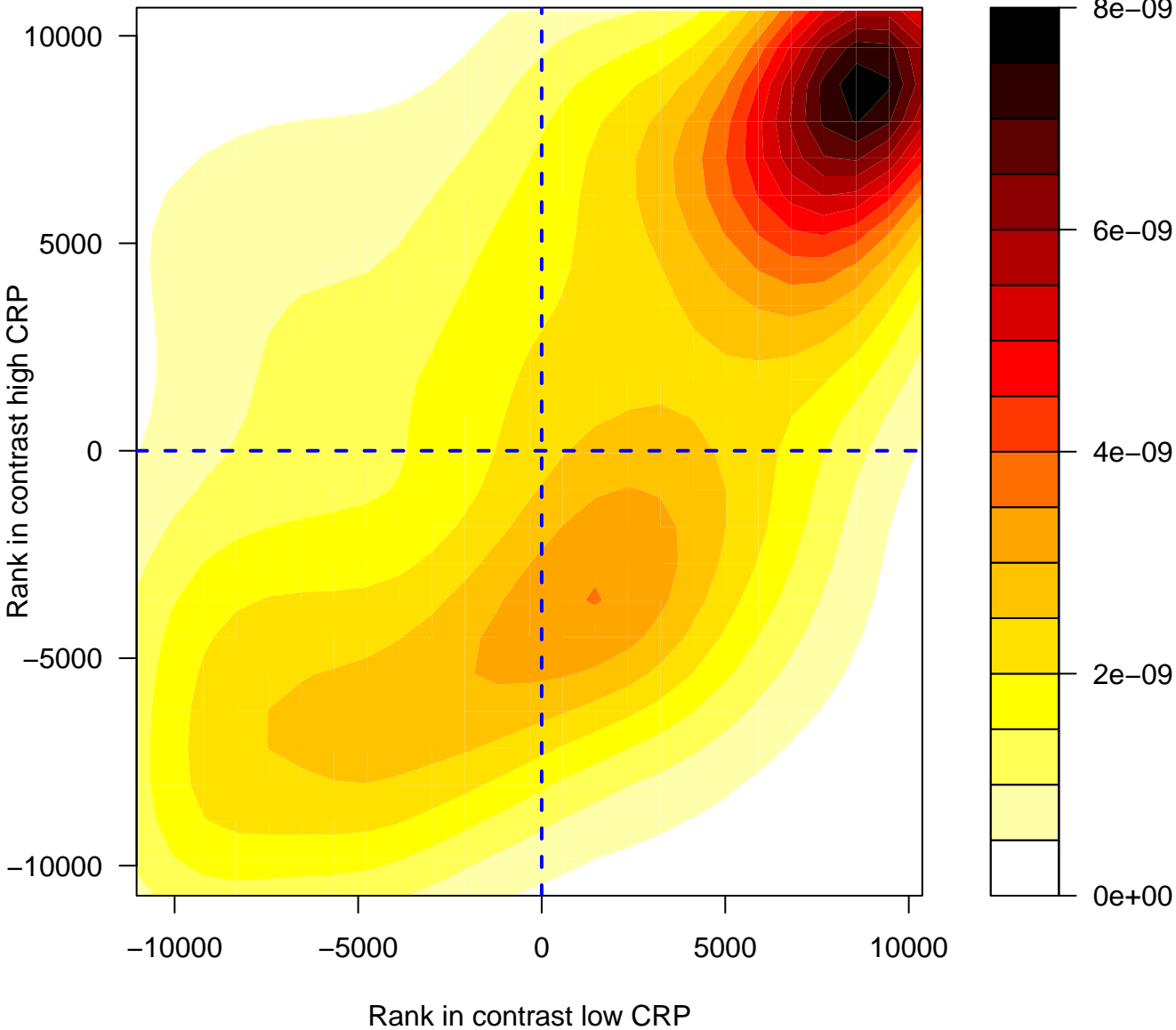
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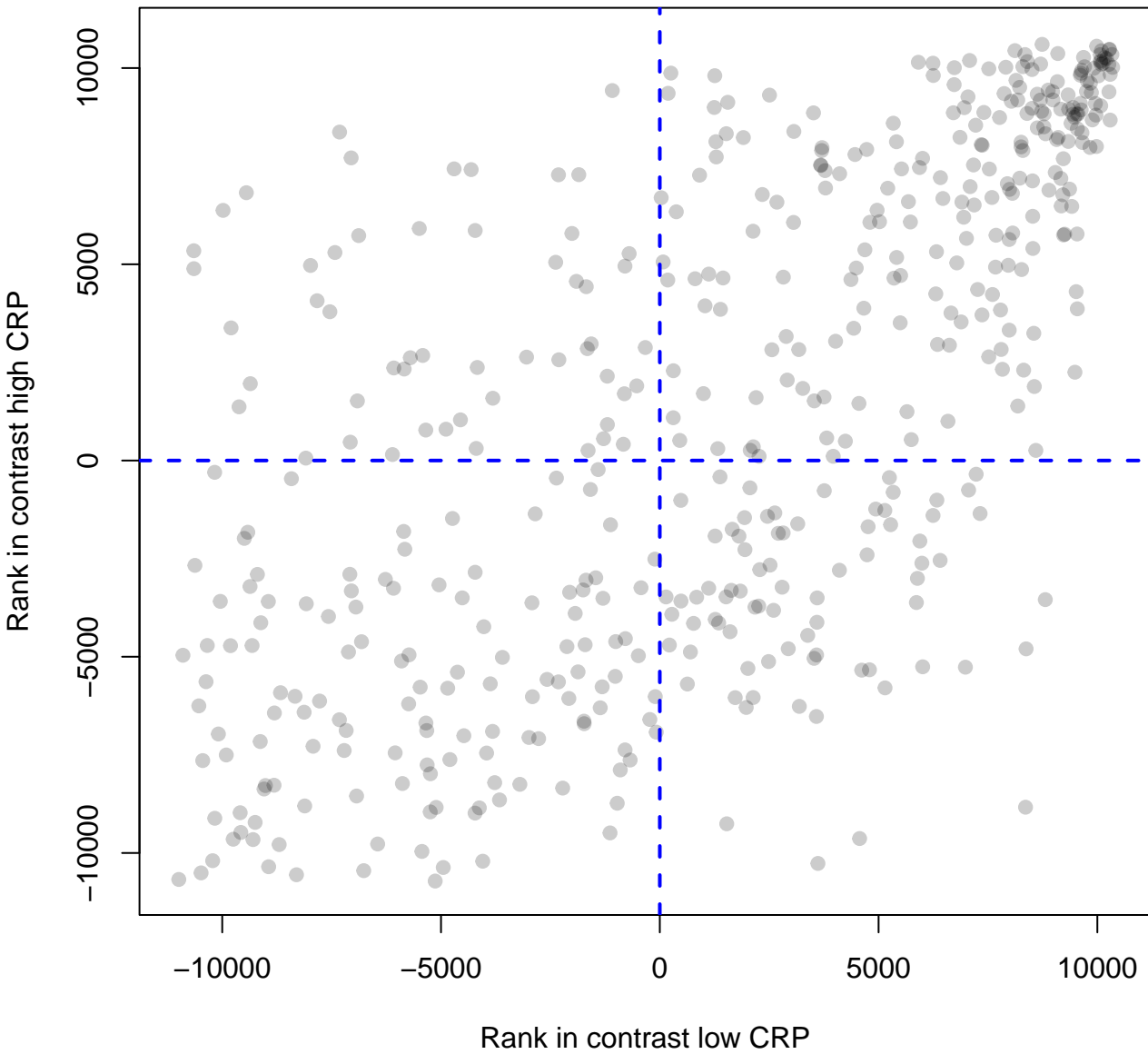
# Transport of small molecules



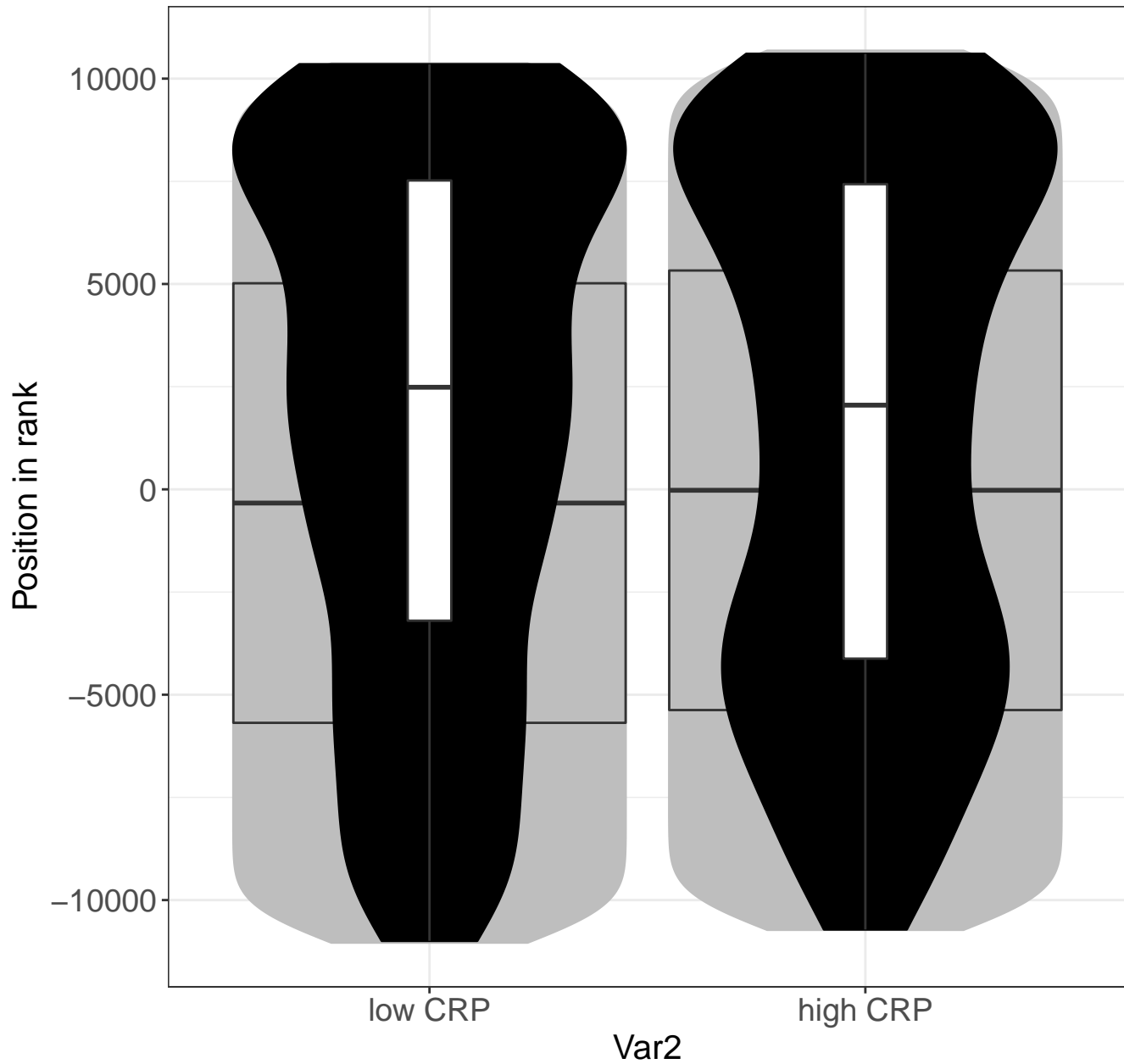
# Cellular responses to stress



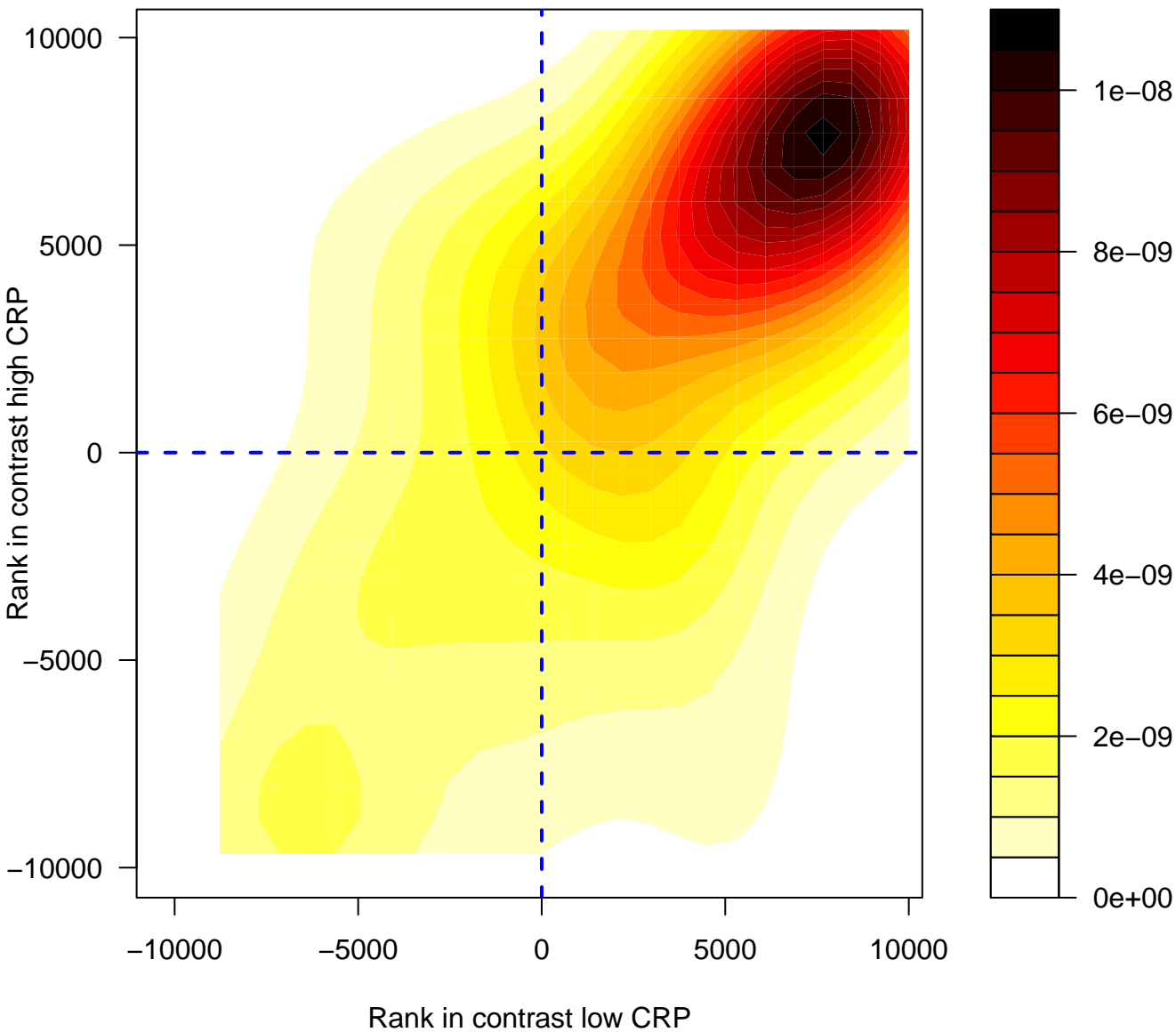
# Cellular responses to stress



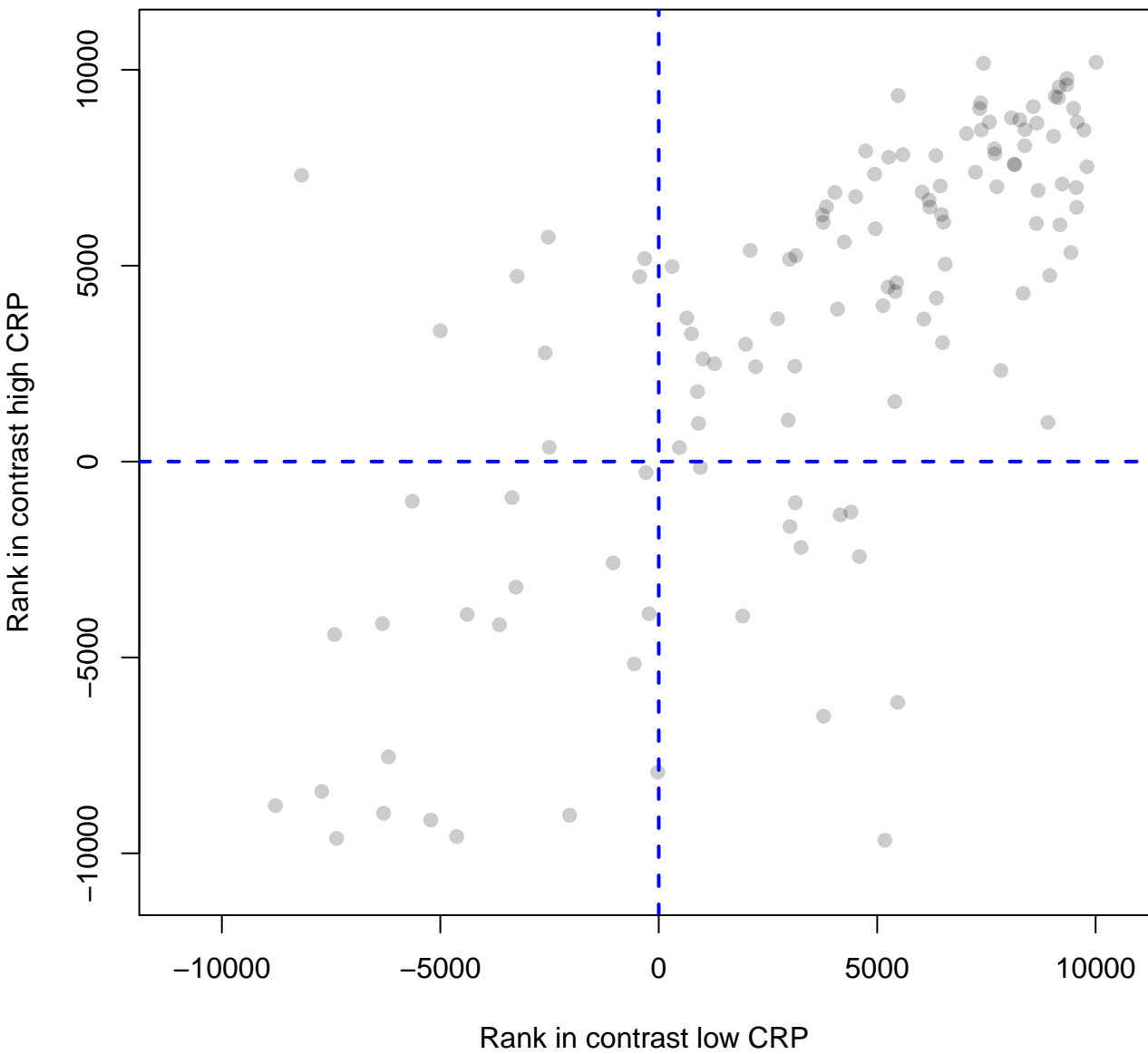
# Cellular responses to stress



# Transport, ATP synthesis by chemiosmotic coupling, and heat pro

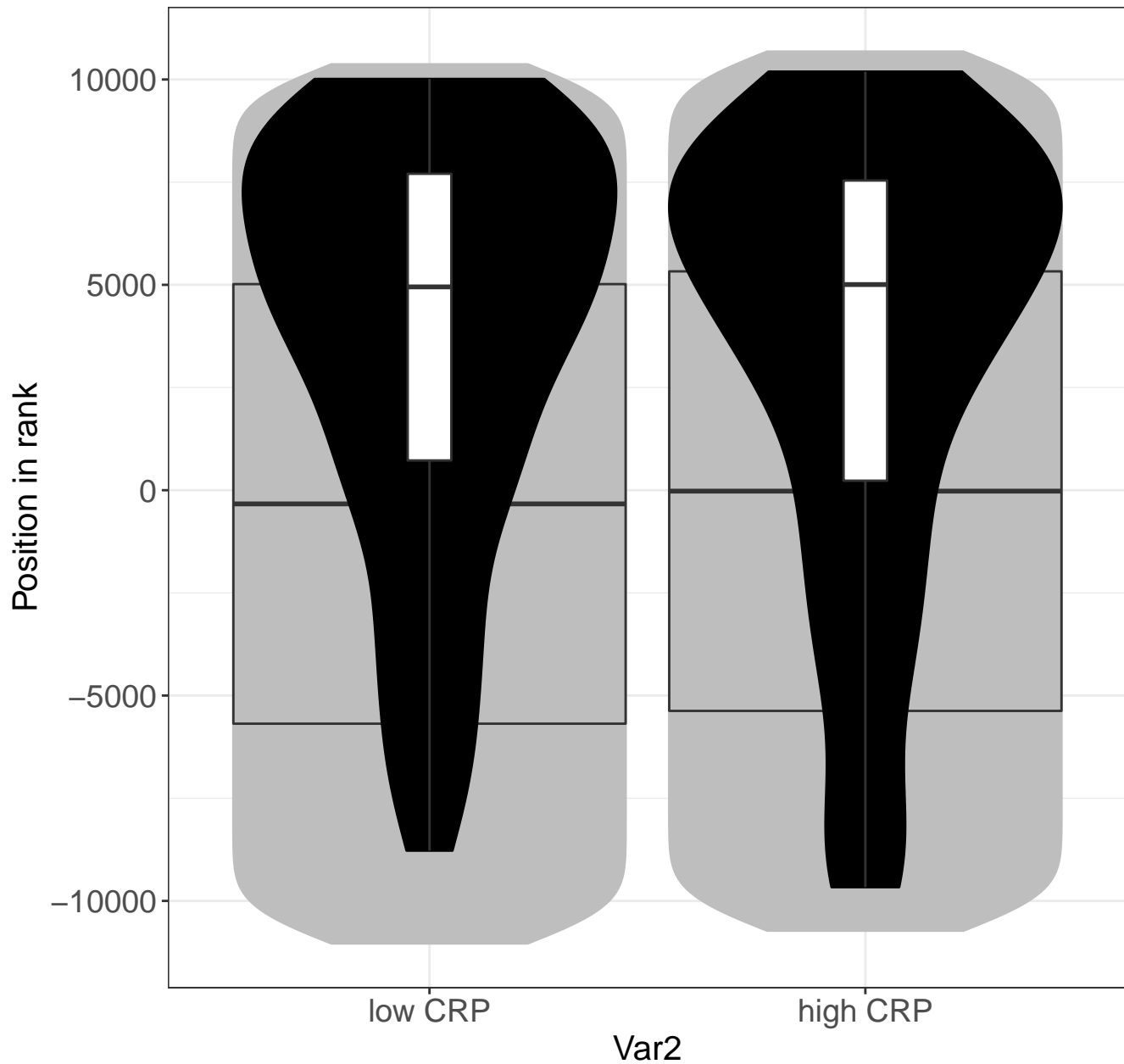


# Rank in contrast high CRP vs Rank in contrast low CRP

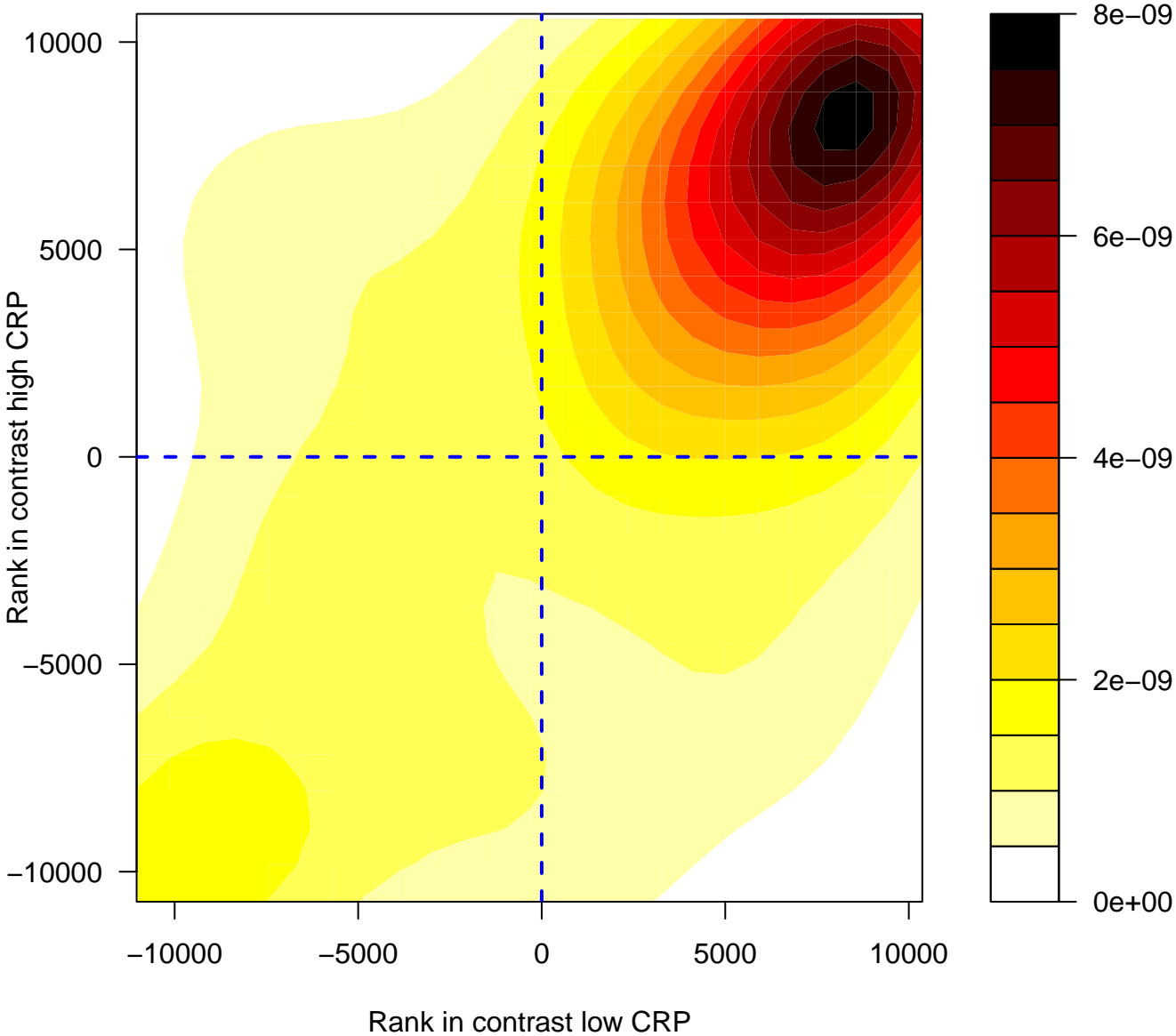




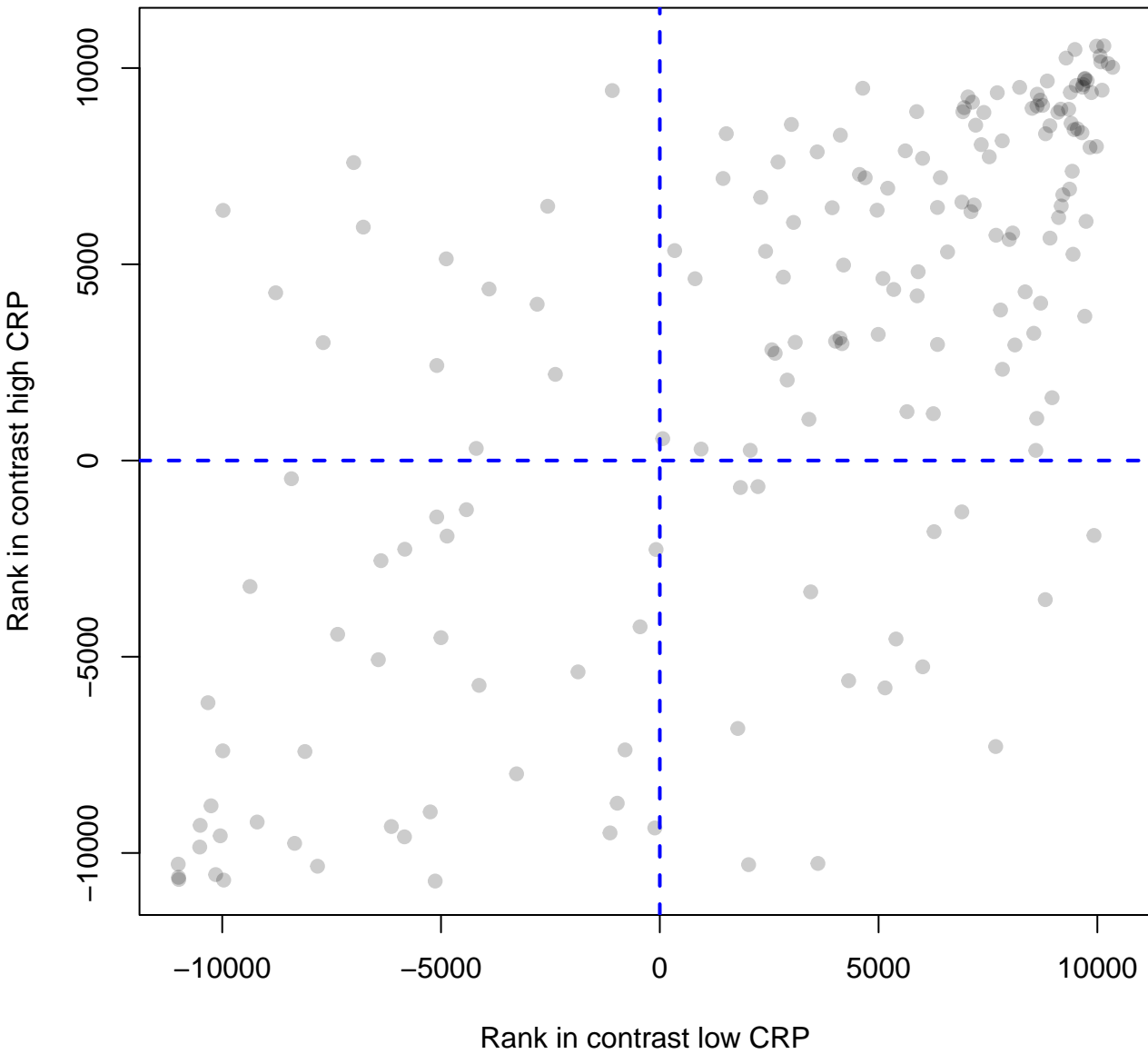
# Respiratory electron transport, ATP synthesis by



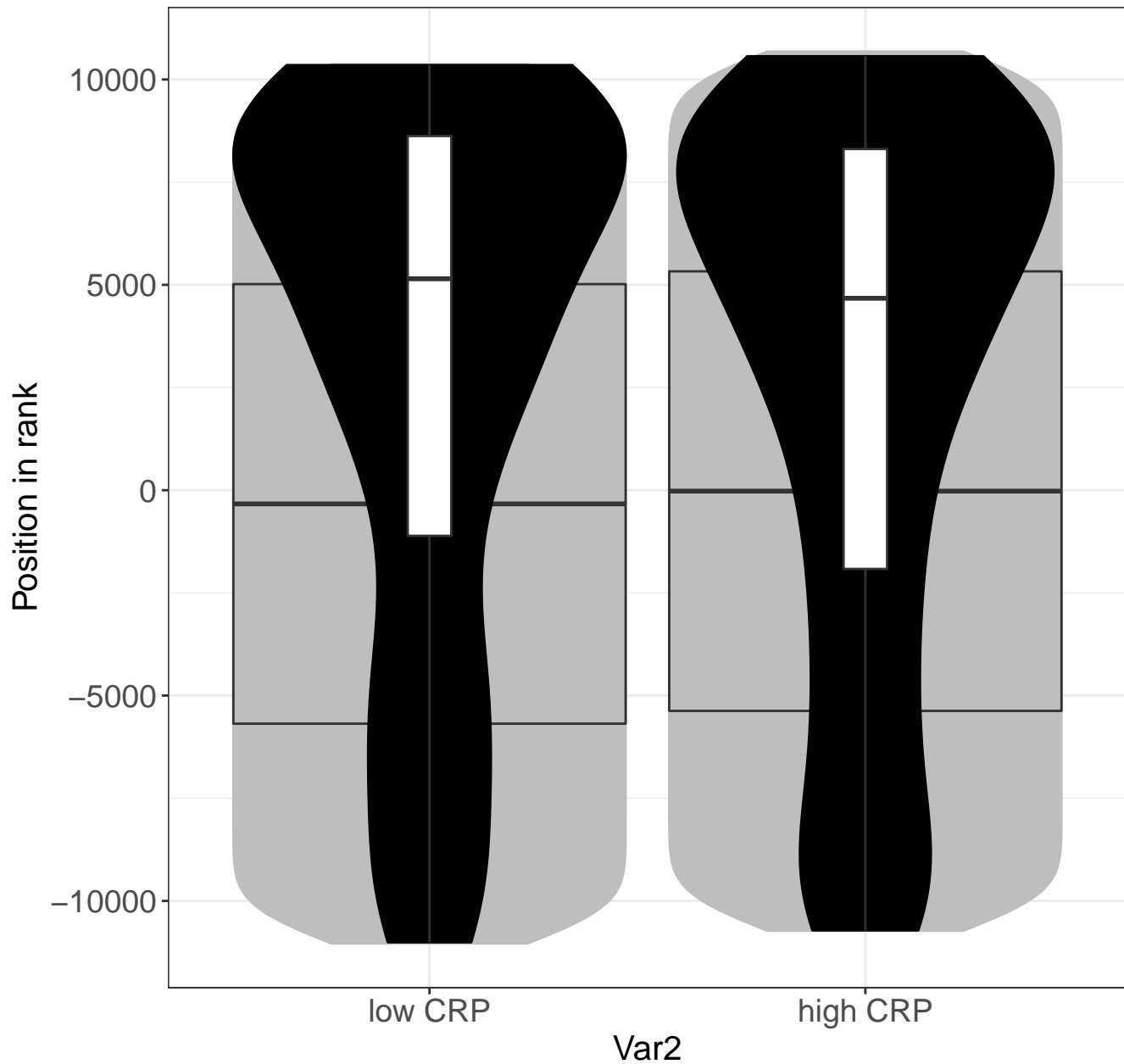
# Programmed Cell Death



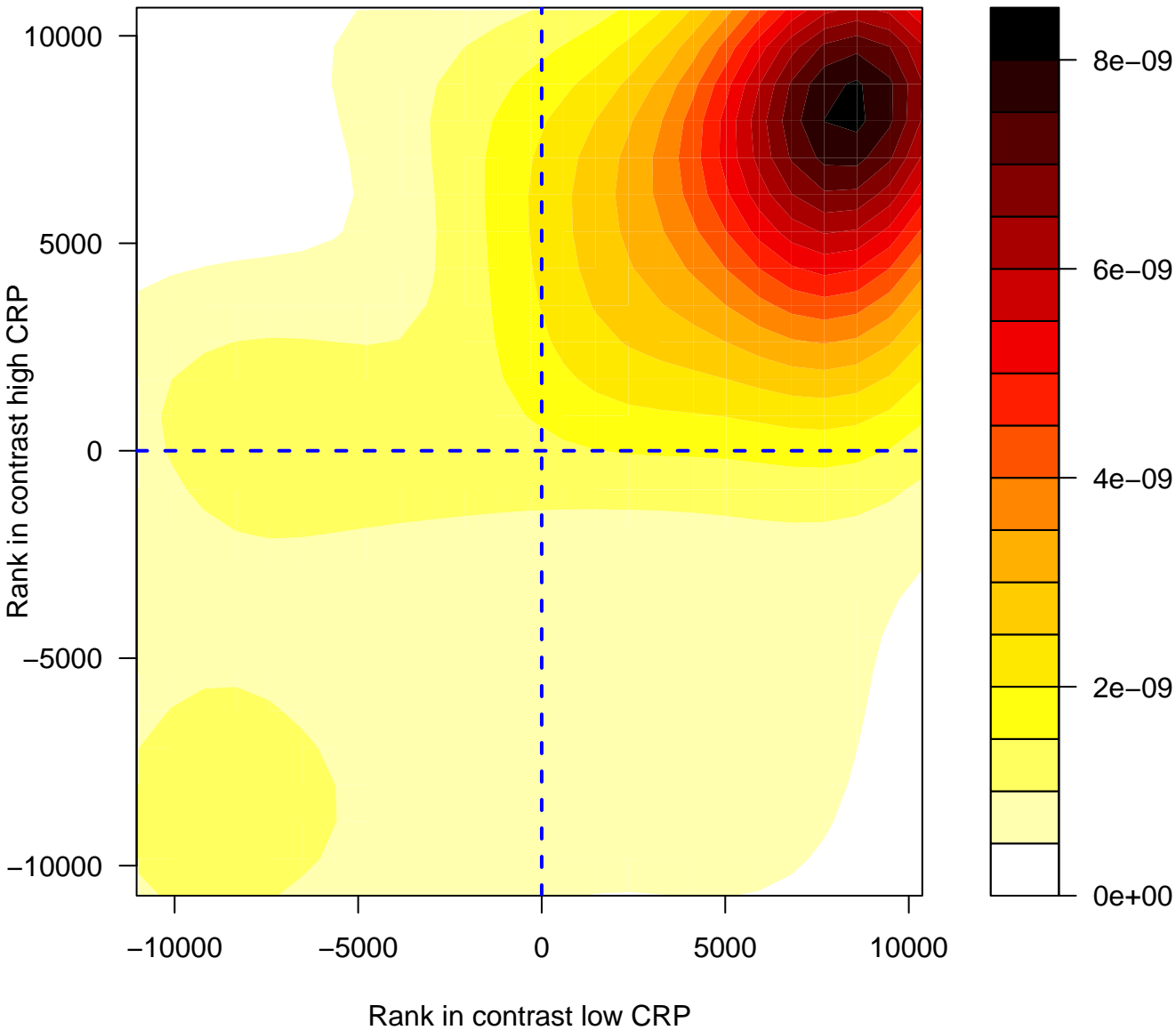
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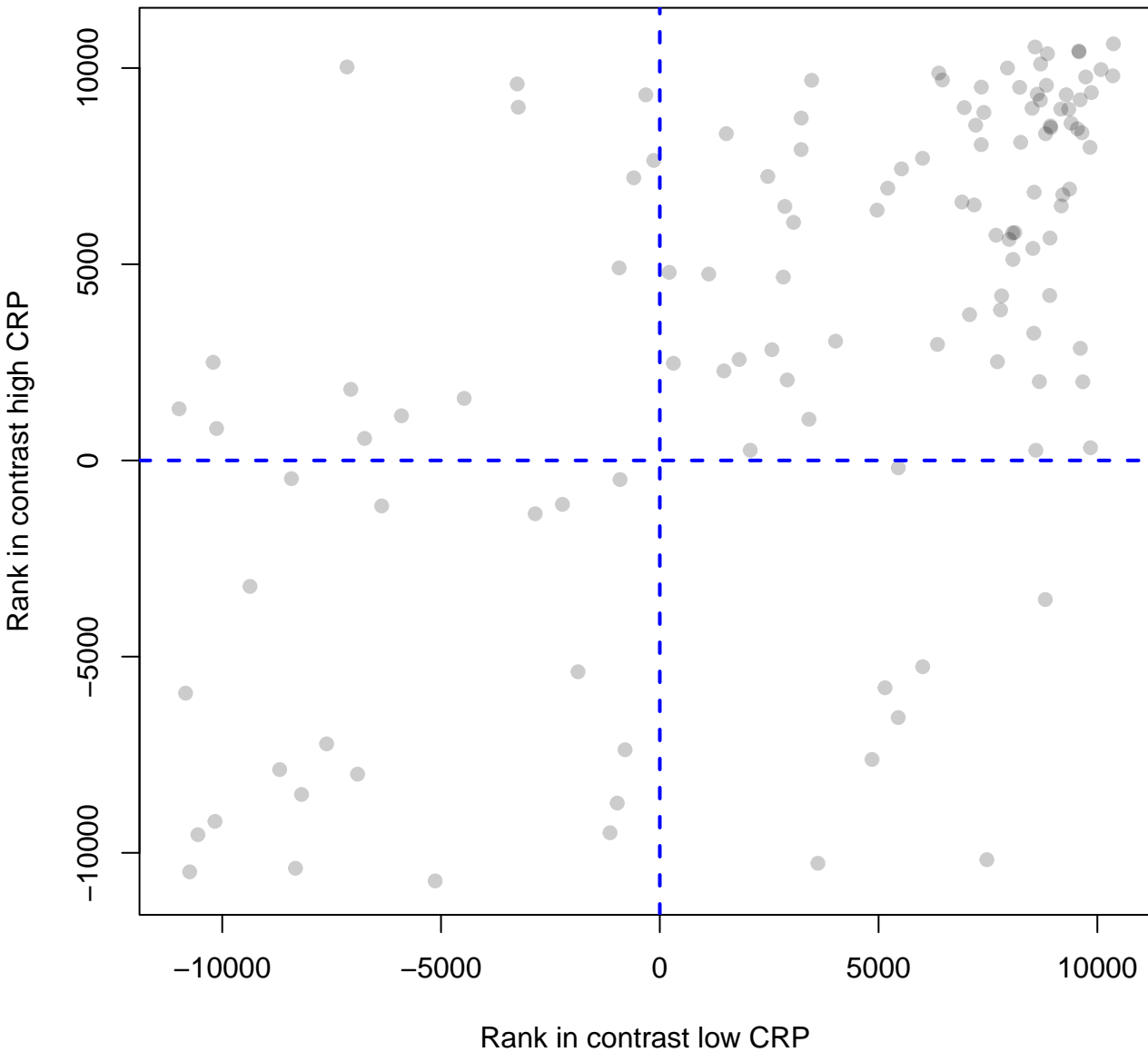
# Programmed Cell Death



# Interleukin-1 family signaling



# Interleukin-1 family signaling



# Interleukin-1 family signaling

