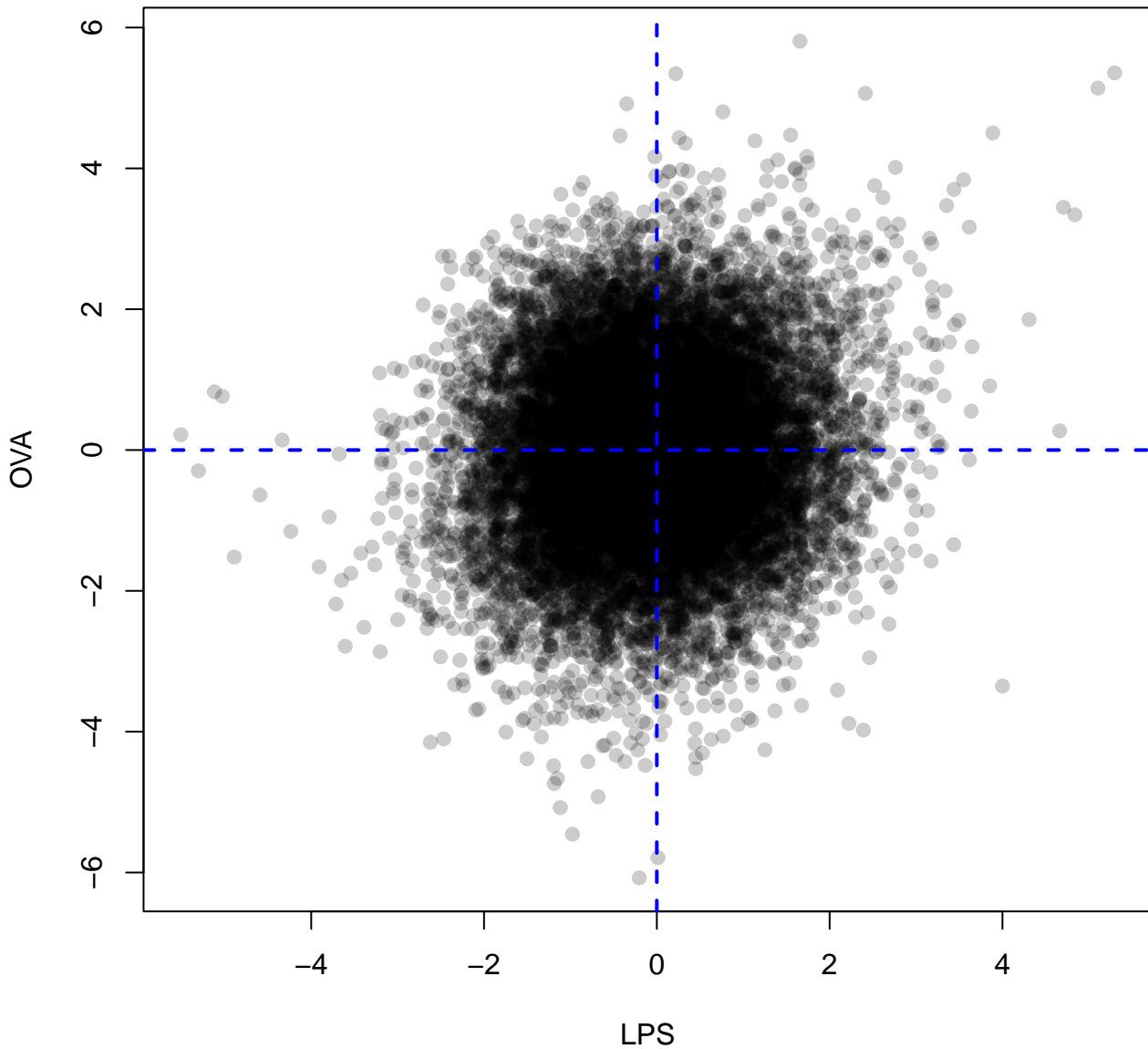
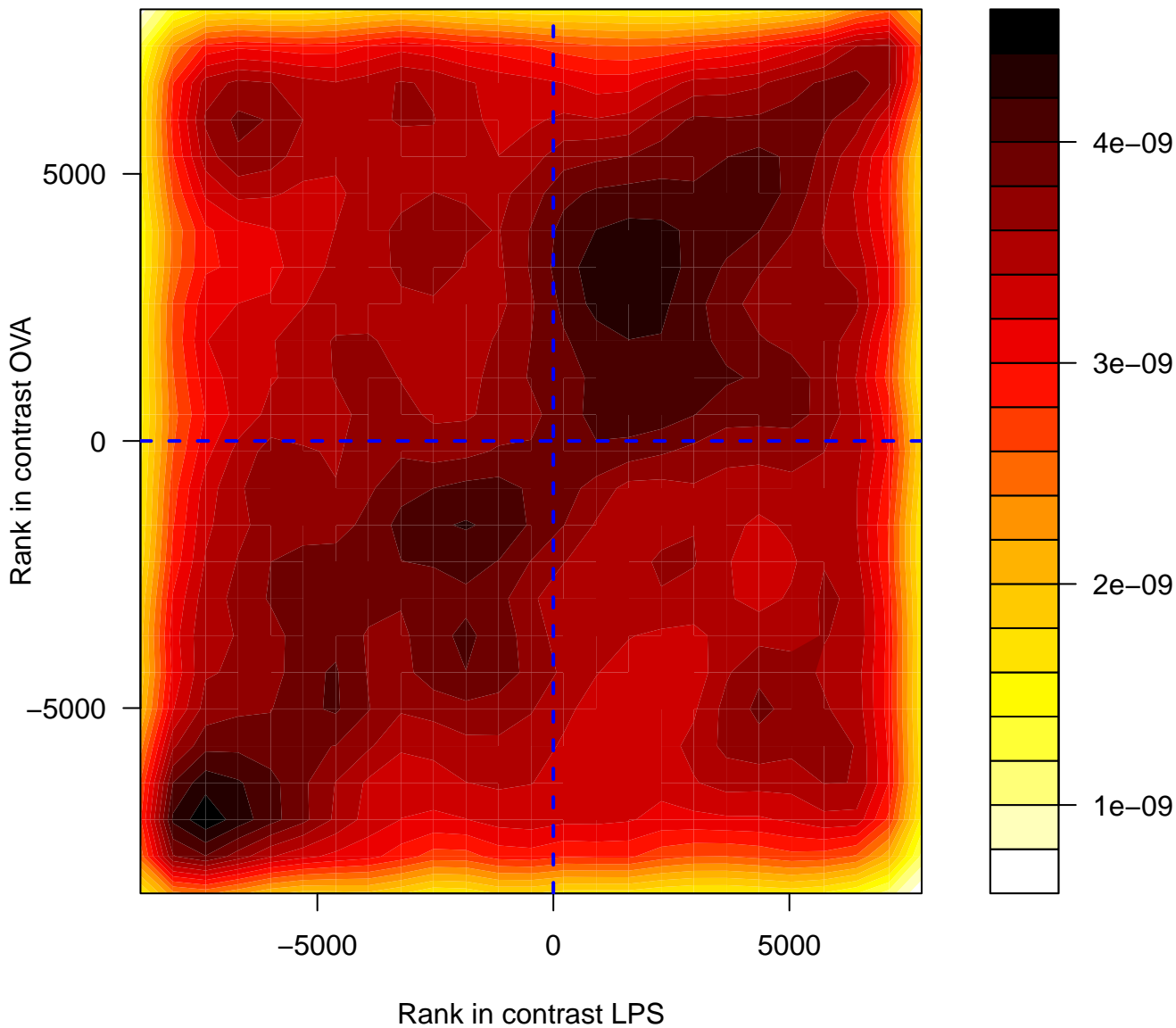


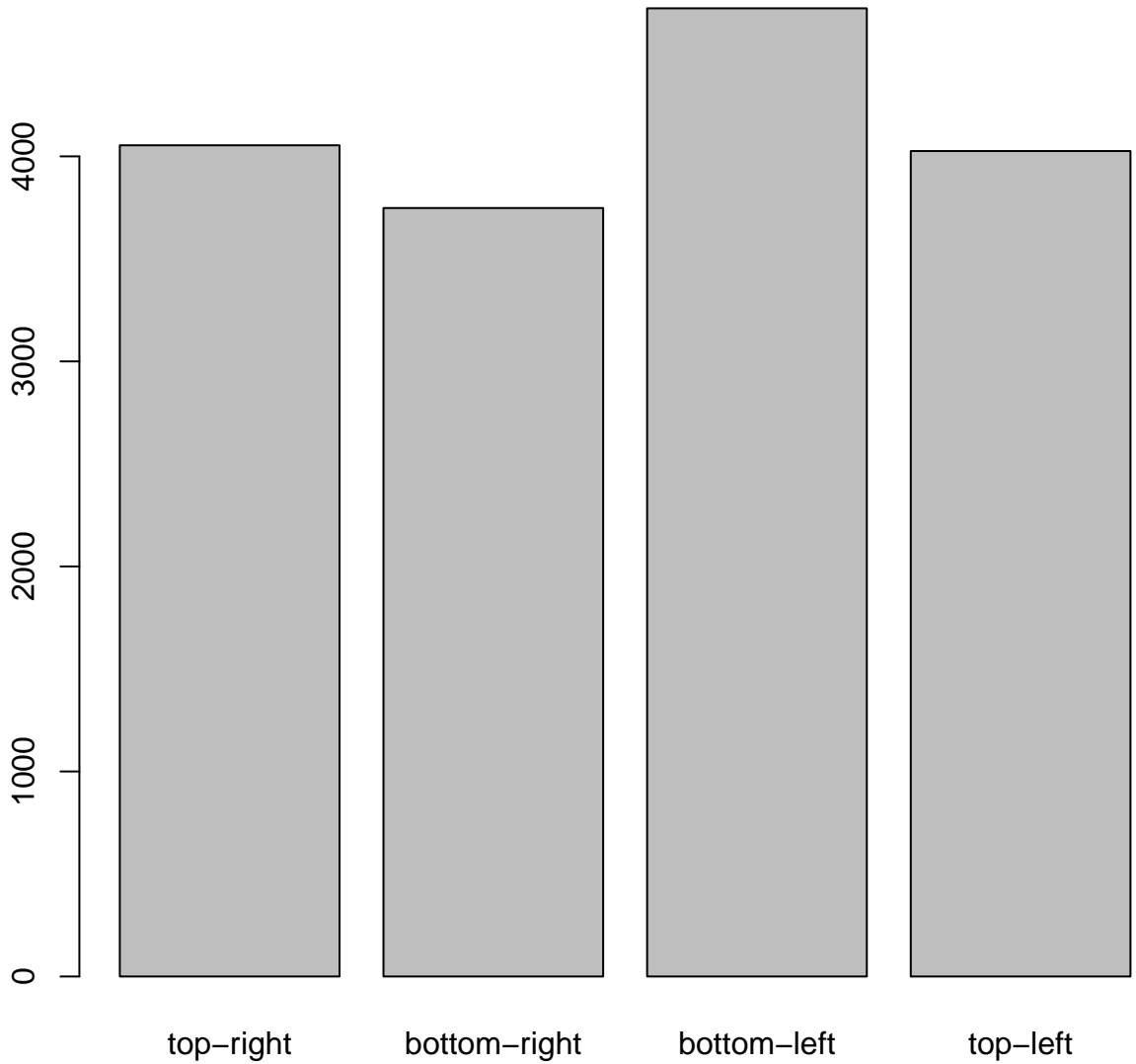
Scatterplot of all genes



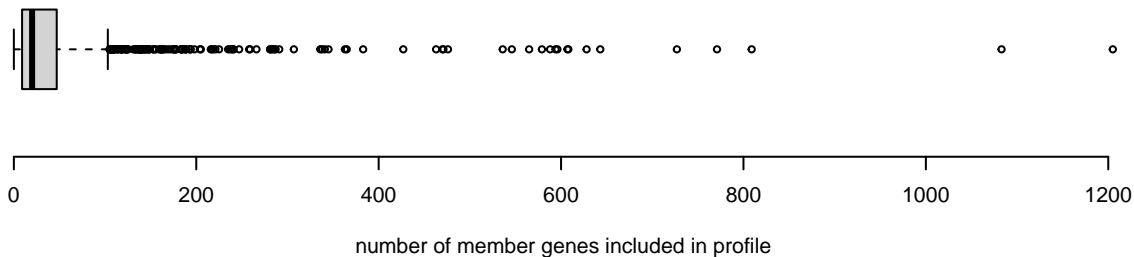
Rank-rank plot of all genes



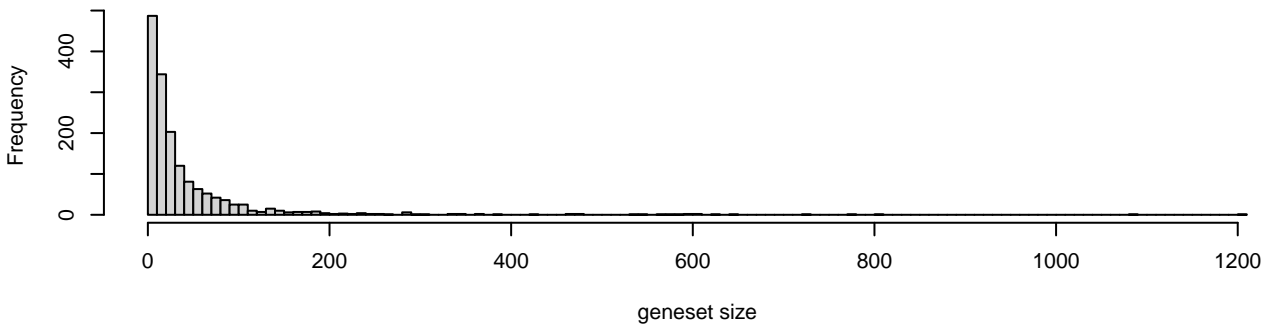
number of genes in each quadrant



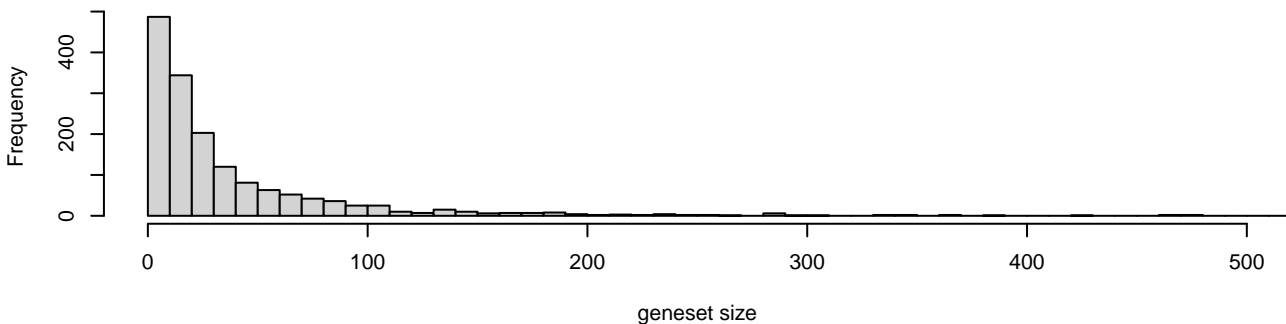
Gene set size



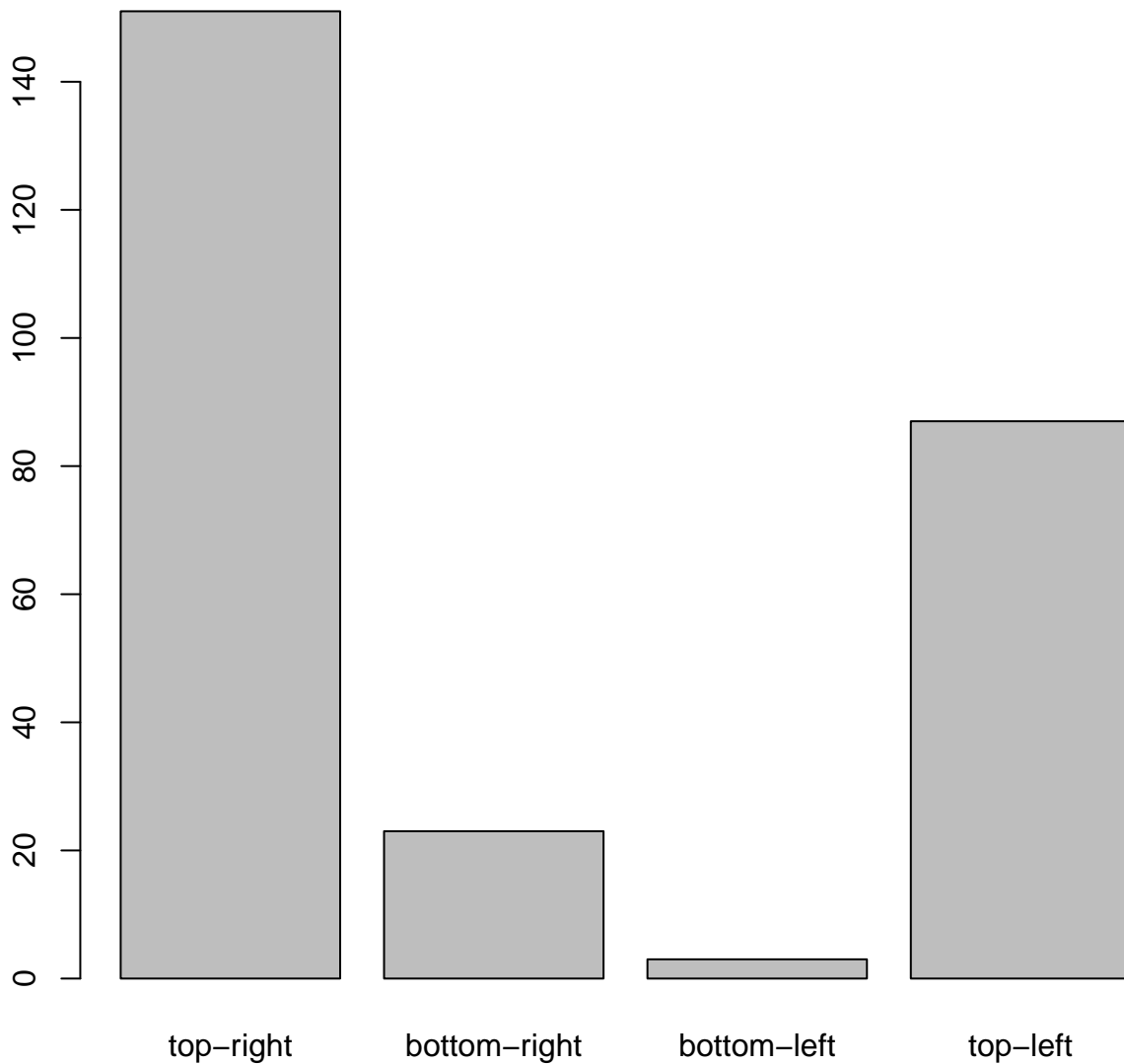
Histogram of geneset size



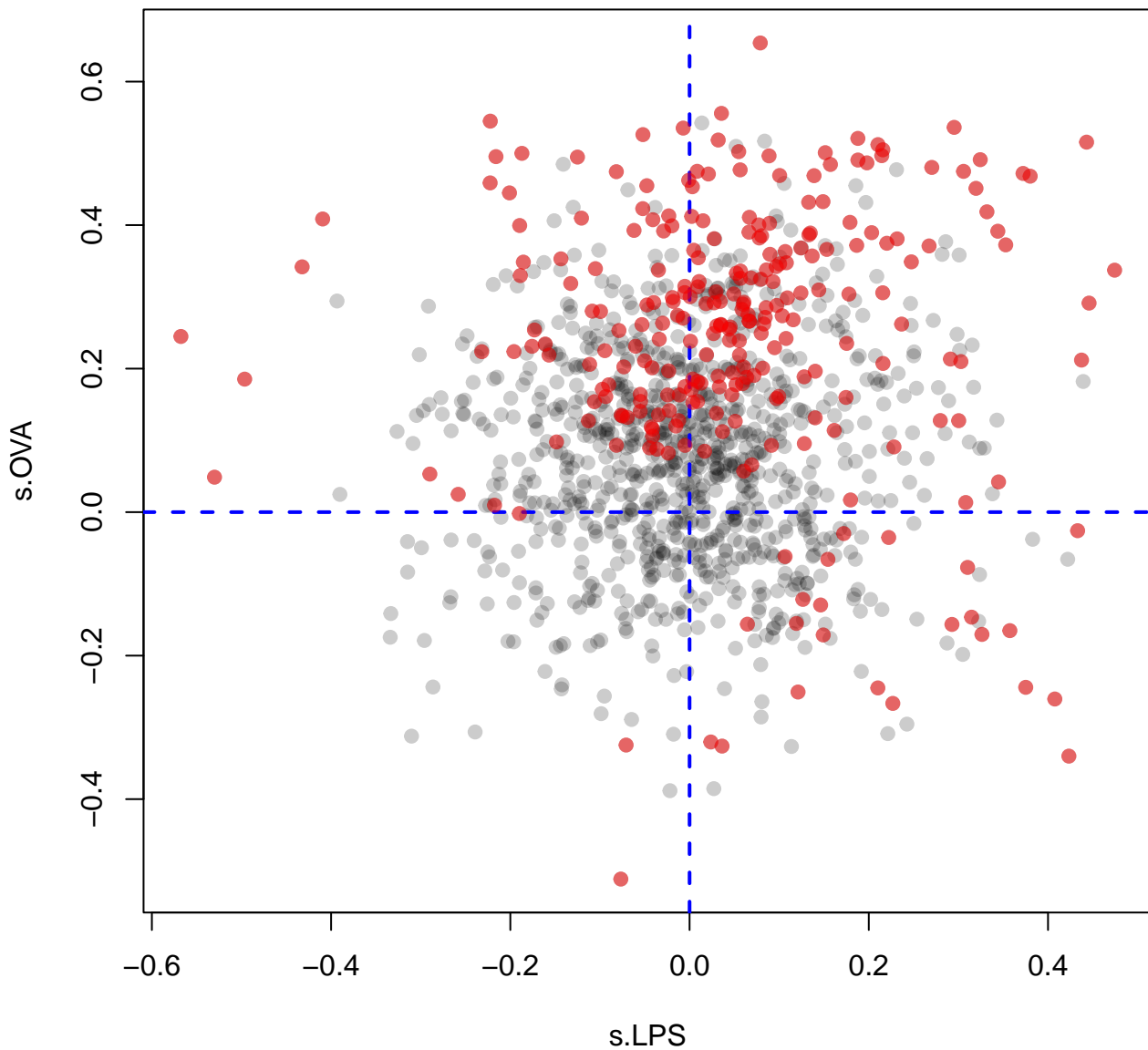
Trimmed histogram of geneset size



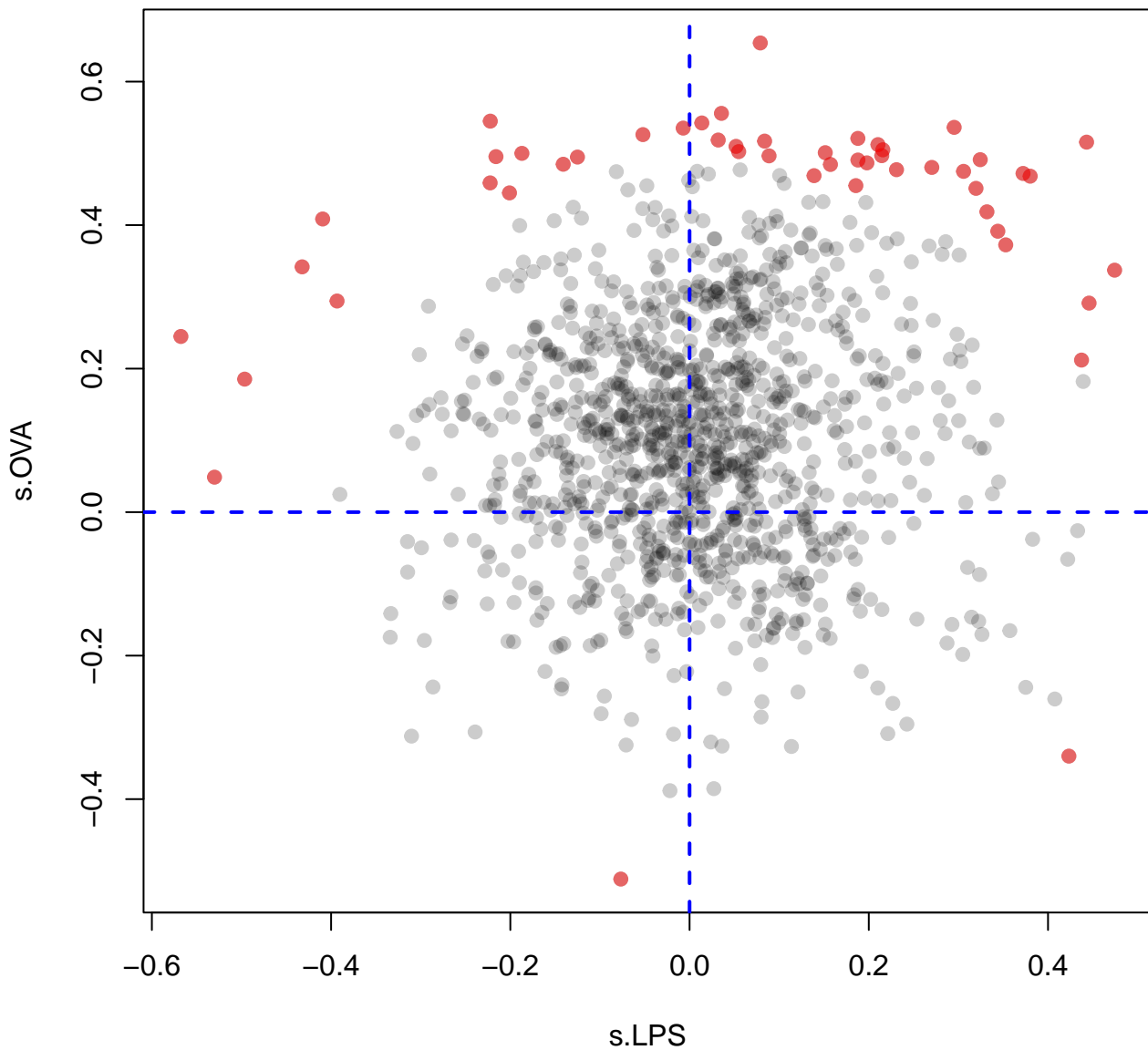
number of genesets FDR<0.05



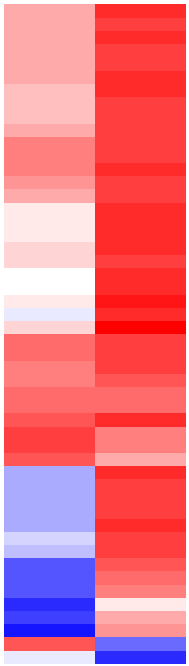
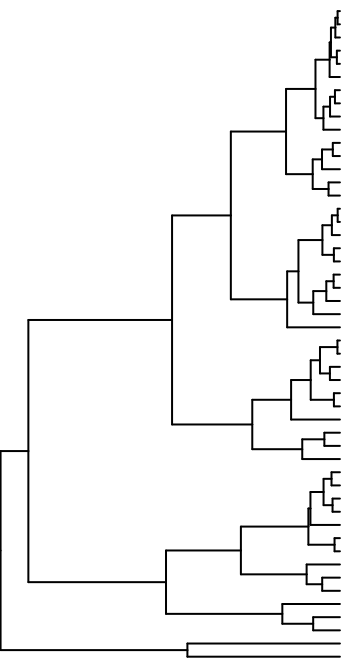
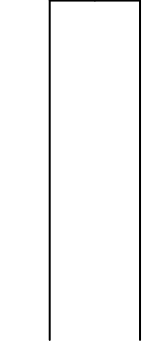
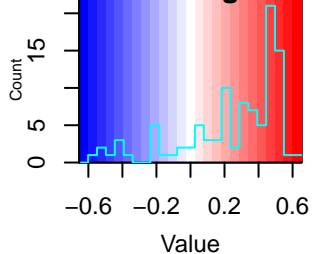
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



Color Key and Histogram

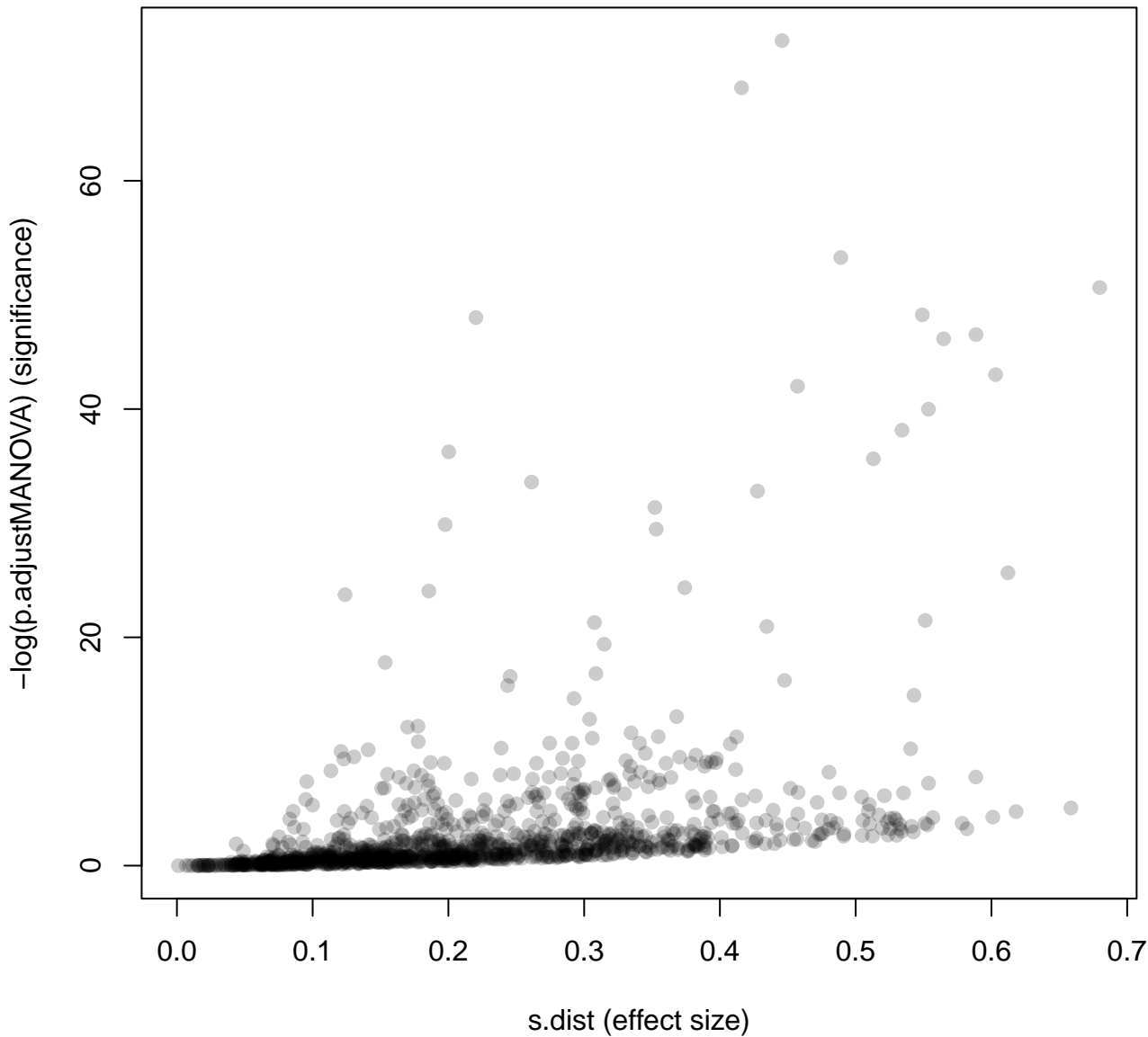


LPS

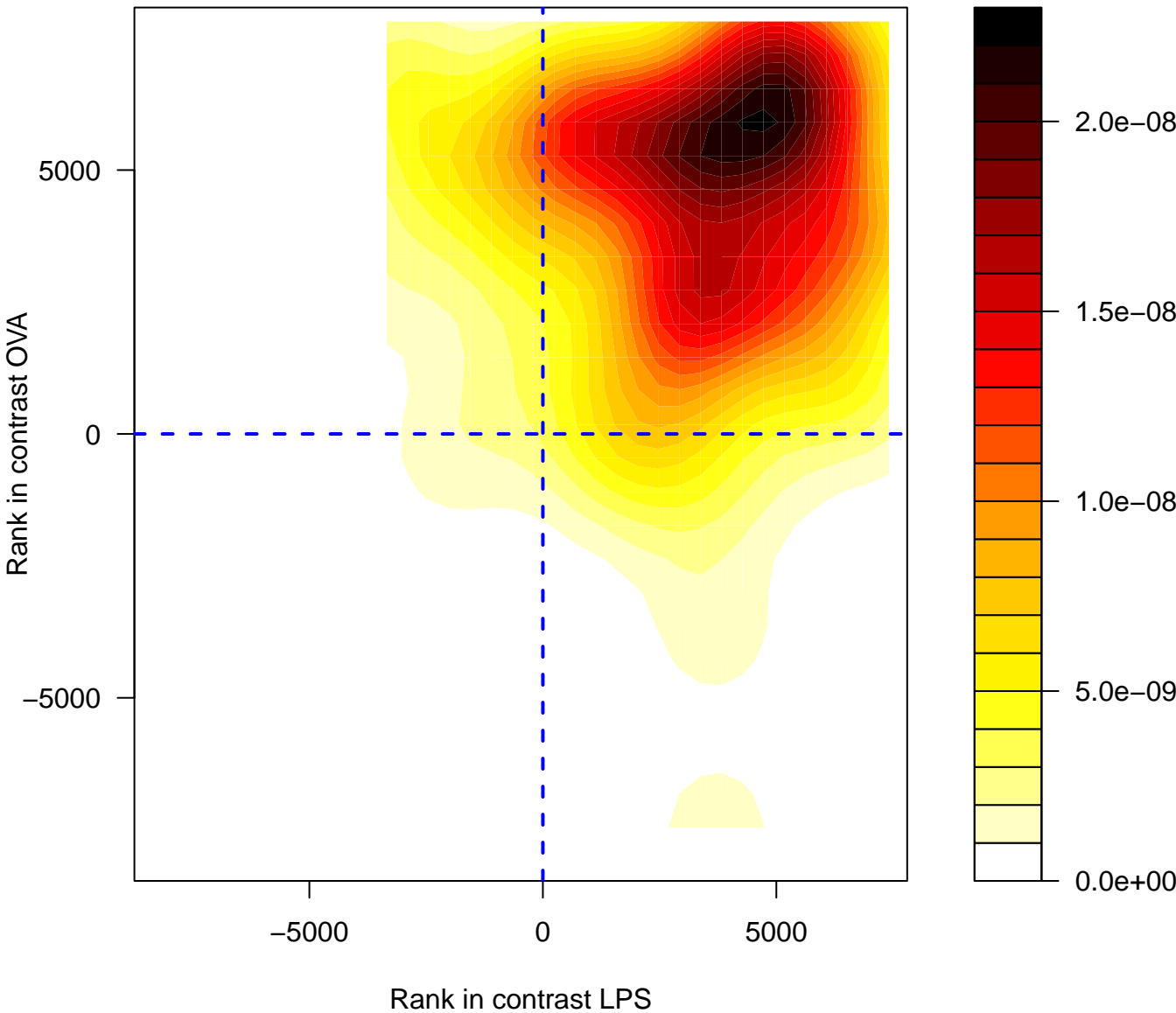
OVA

- SHC MEDIATED CASCADE FGFR3
- TRANSCRIPTIONAL REGULATION OF PLURIPOTENT STEM CELLS
- PINK1 PRKN MEDIATED MITOPHAGY
- FORMATION OF ATP BY CHEMIOSMOTIC COUPLING
- GLYCOGEN STORAGE DISEASES
- EUKARYOTIC TRANSLATION INITIATION
- ACTIVATION OF THE MRNA UPON BINDING OF THE CAP BINDING COMPLE
- PI 3K CASCADE FGFR4
- FRS MEDIATED FGFR4 SIGNALING
- CITRIC ACID CYCLE TCA CYCLE
- SYNTHESIS OF VERY LONG CHAIN FATTY ACYL COAS
- TRIGLYCERIDE CATABOLISM
- RESPONSE OF EIF2AK4 GCN2 TO AMINO ACID DEFICIENCY
- SYNTHESIS OF BILE ACIDS AND BILE SALTS VIA 7ALPHA HYDROXYCHOLE
- COMPLEMENT CASCADE
- EUKARYOTIC TRANSLATION ELONGATION
- SCAVENGING BY CLASS A RECEPTORS
- SIGNALING BY FGFR3 FUSIONS IN CANCER
- DARPP 32 EVENTS
- ADP SIGNALLING THROUGH P2Y PURINOCEPTOR 12
- RHOBTB3 ATPASE CYCLE
- CREB1 PHOSPHORYLATION THROUGH THE ACTIVATION OF ADENYLATE C
- SYNTHESIS OF PIPS AT THE LATE ENDOSOME MEMBRANE
- MET ACTIVATES RAP1 AND RAC1
- CRMP5 IN SEMA3A SIGNALING

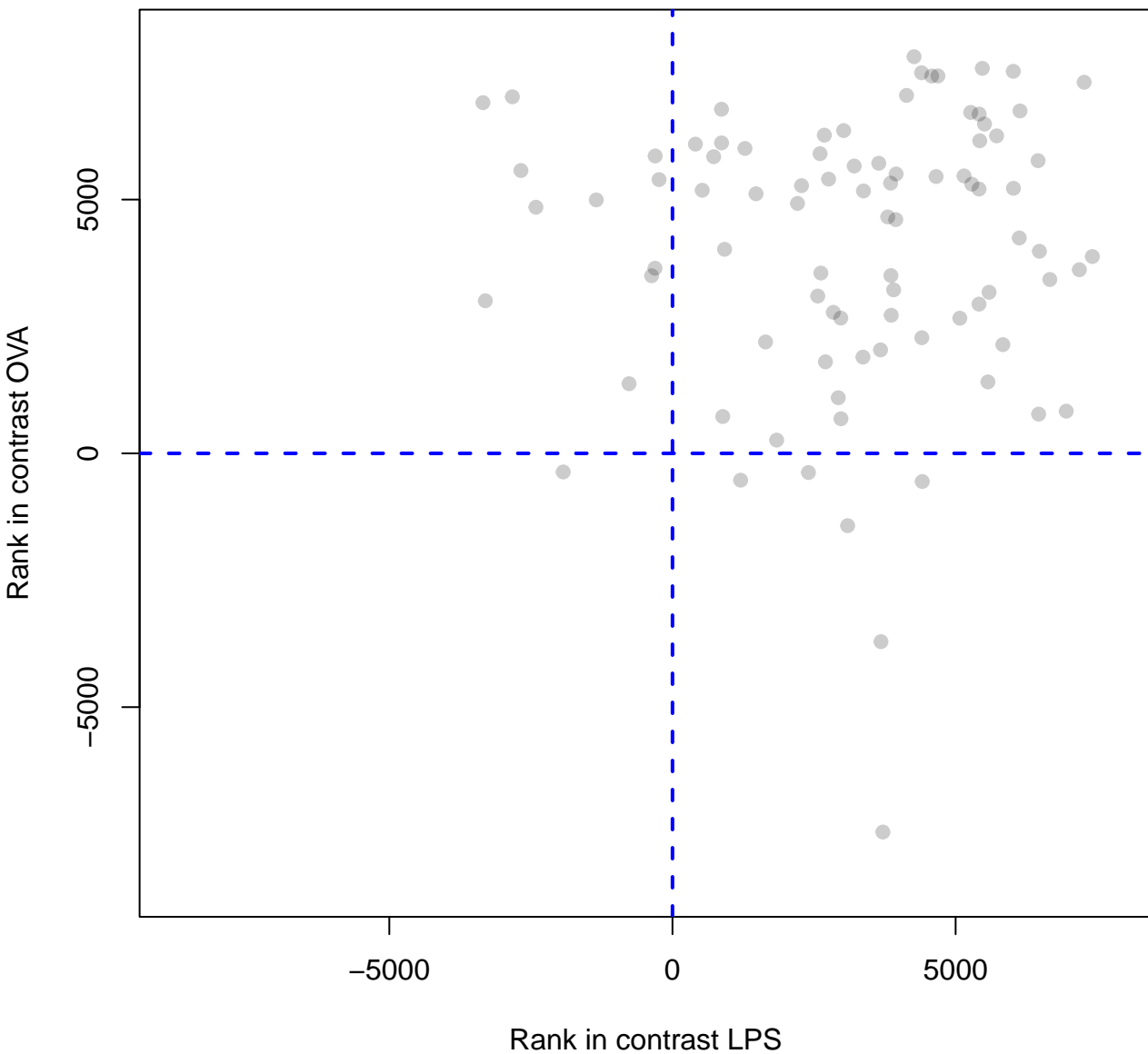
effect size versus statistical significance



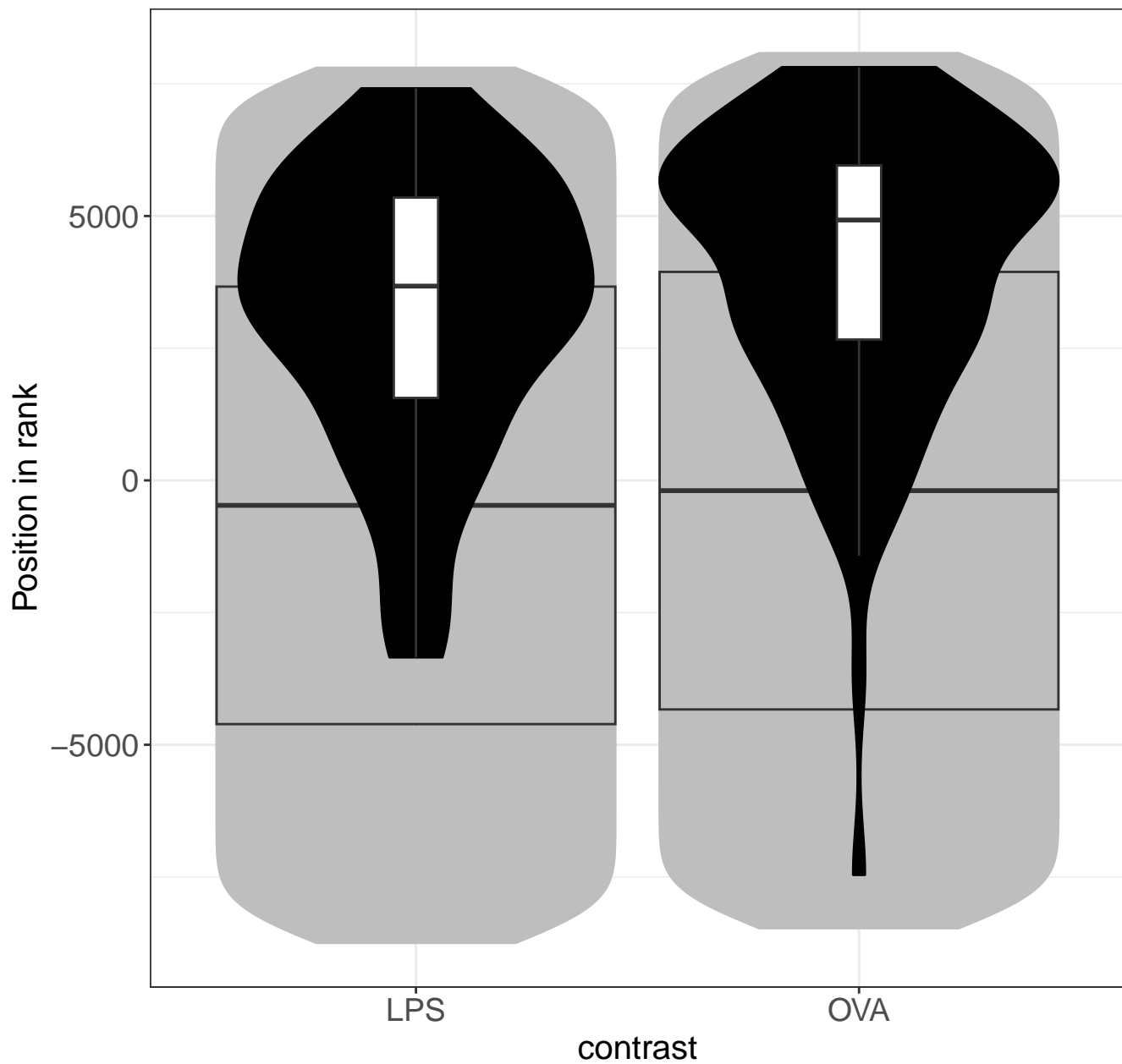
EUKARYOTIC TRANSLATION ELONGATION



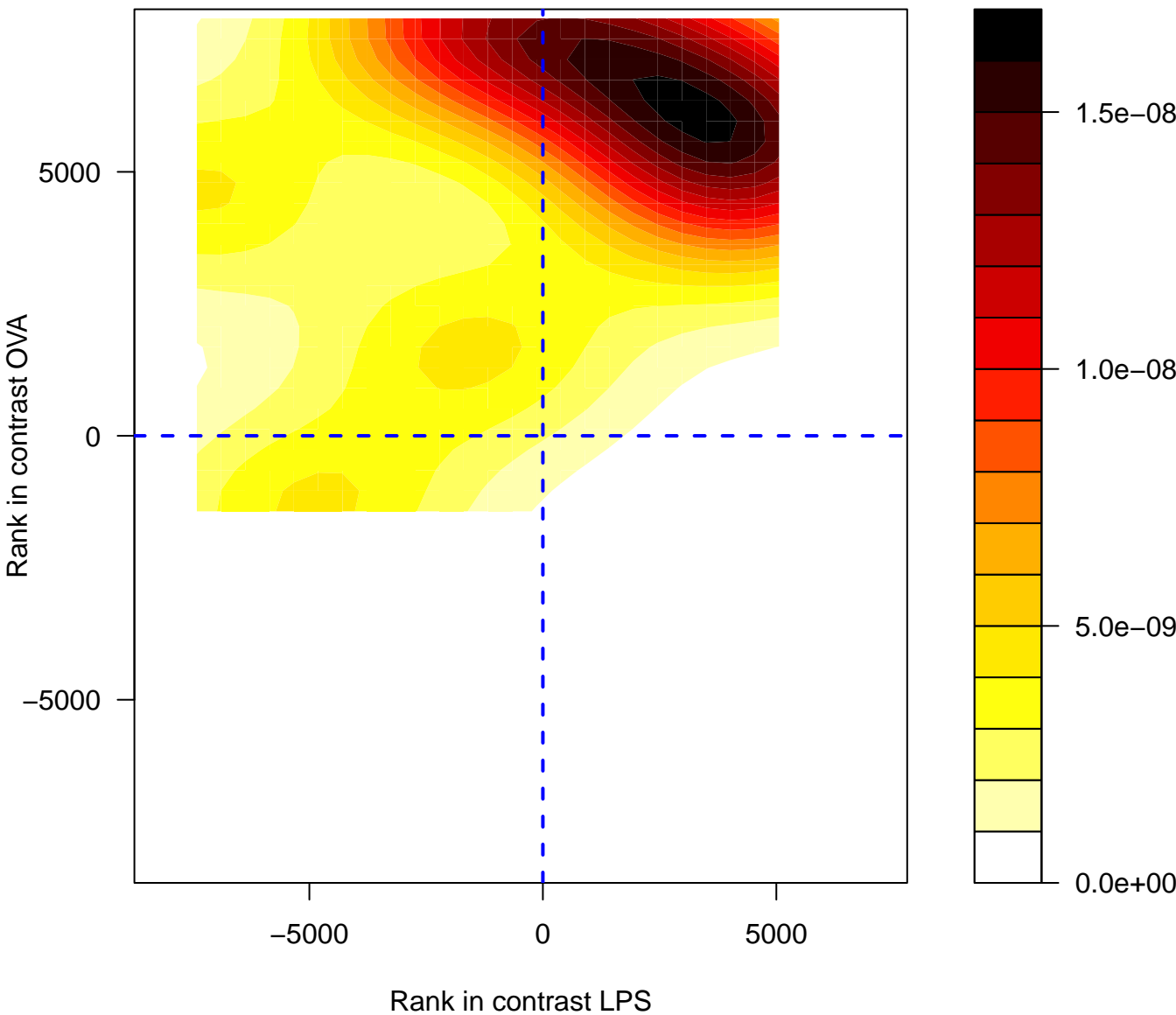
EUKARYOTIC TRANSLATION ELONGATION



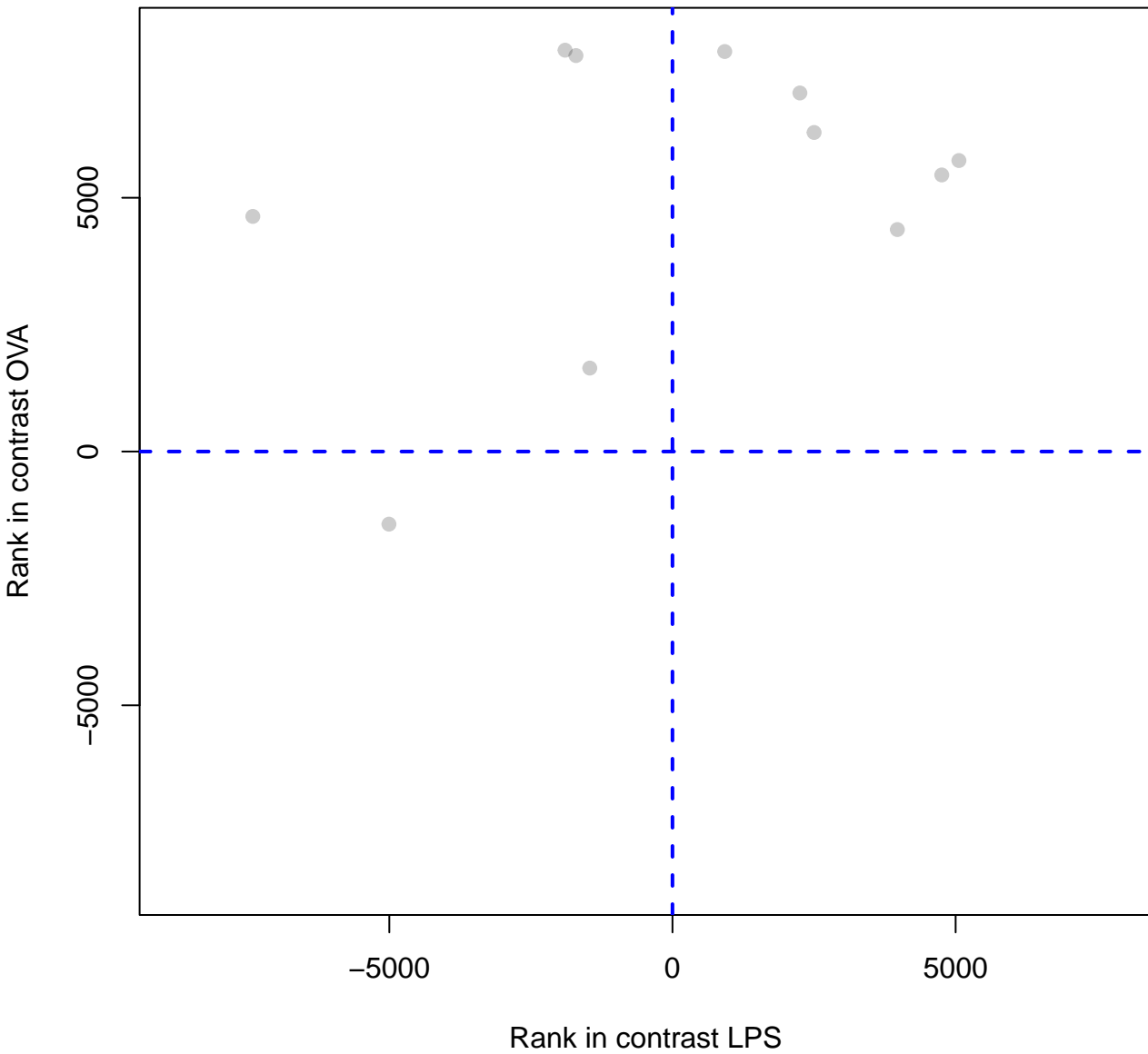
EUKARYOTIC TRANSLATION ELONGATION



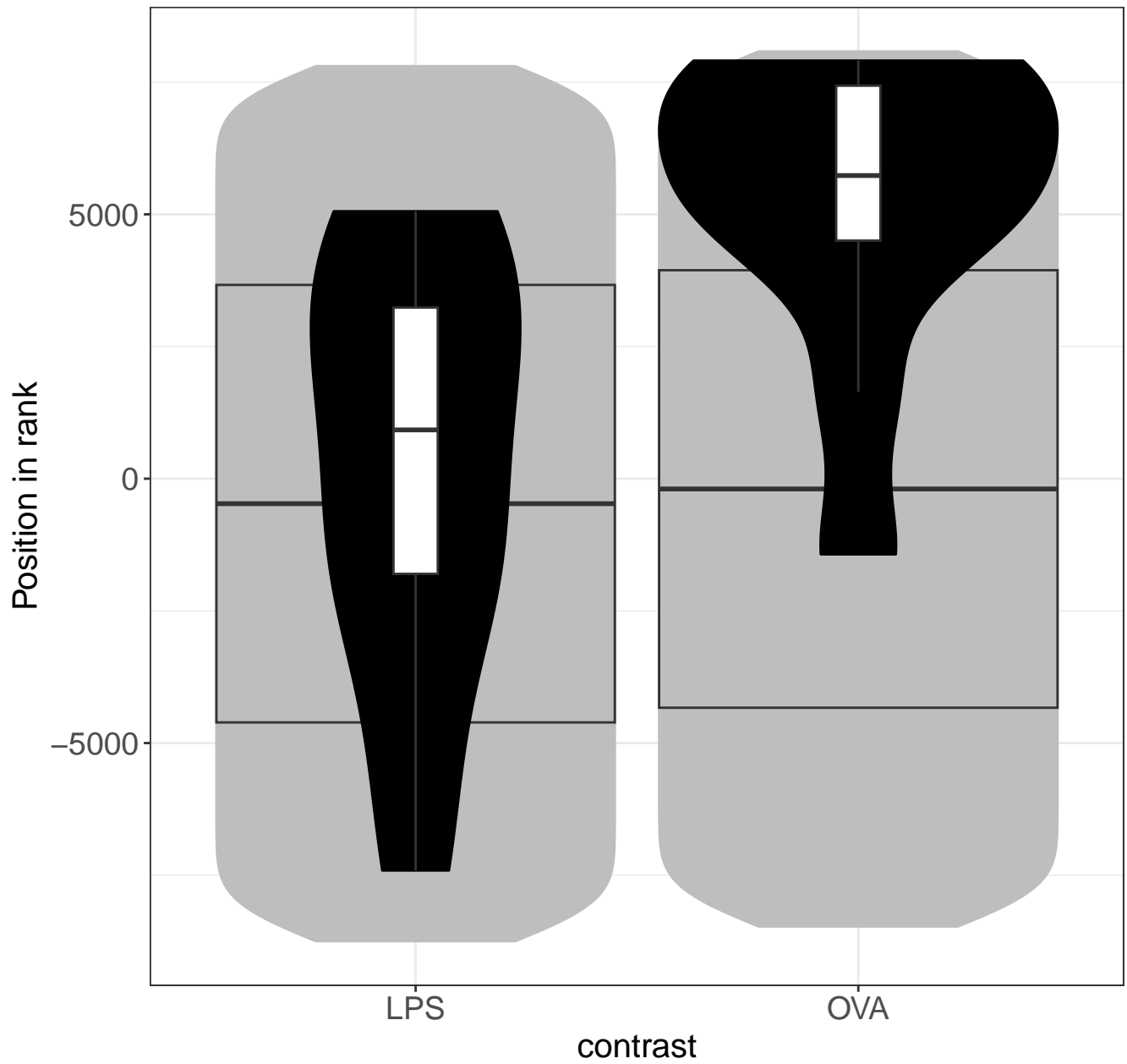
TRAFFICKING AND PROCESSING OF ENDOSOMAL TLI



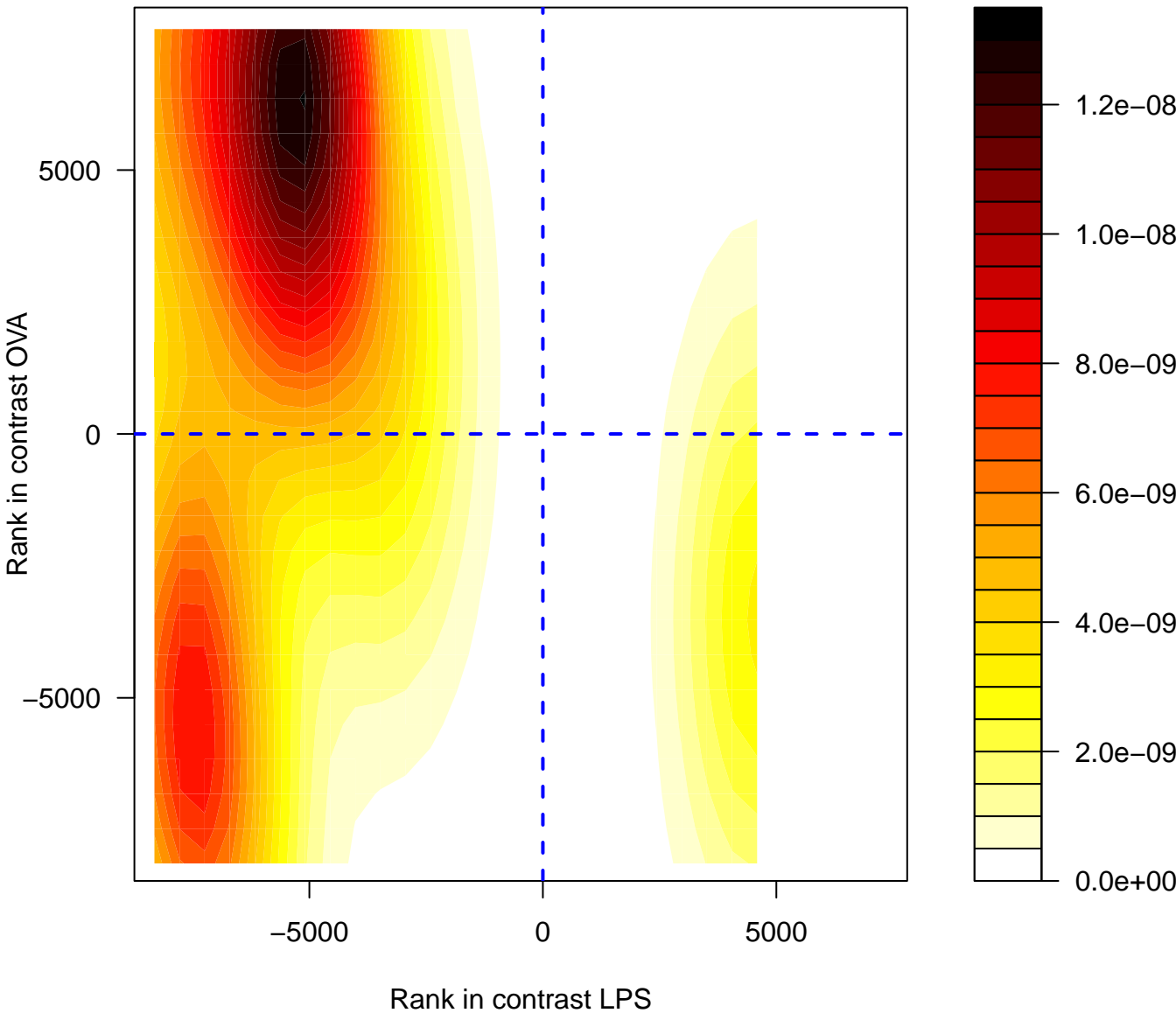
TRAFFICKING AND PROCESSING OF ENDOSOMAL TLR



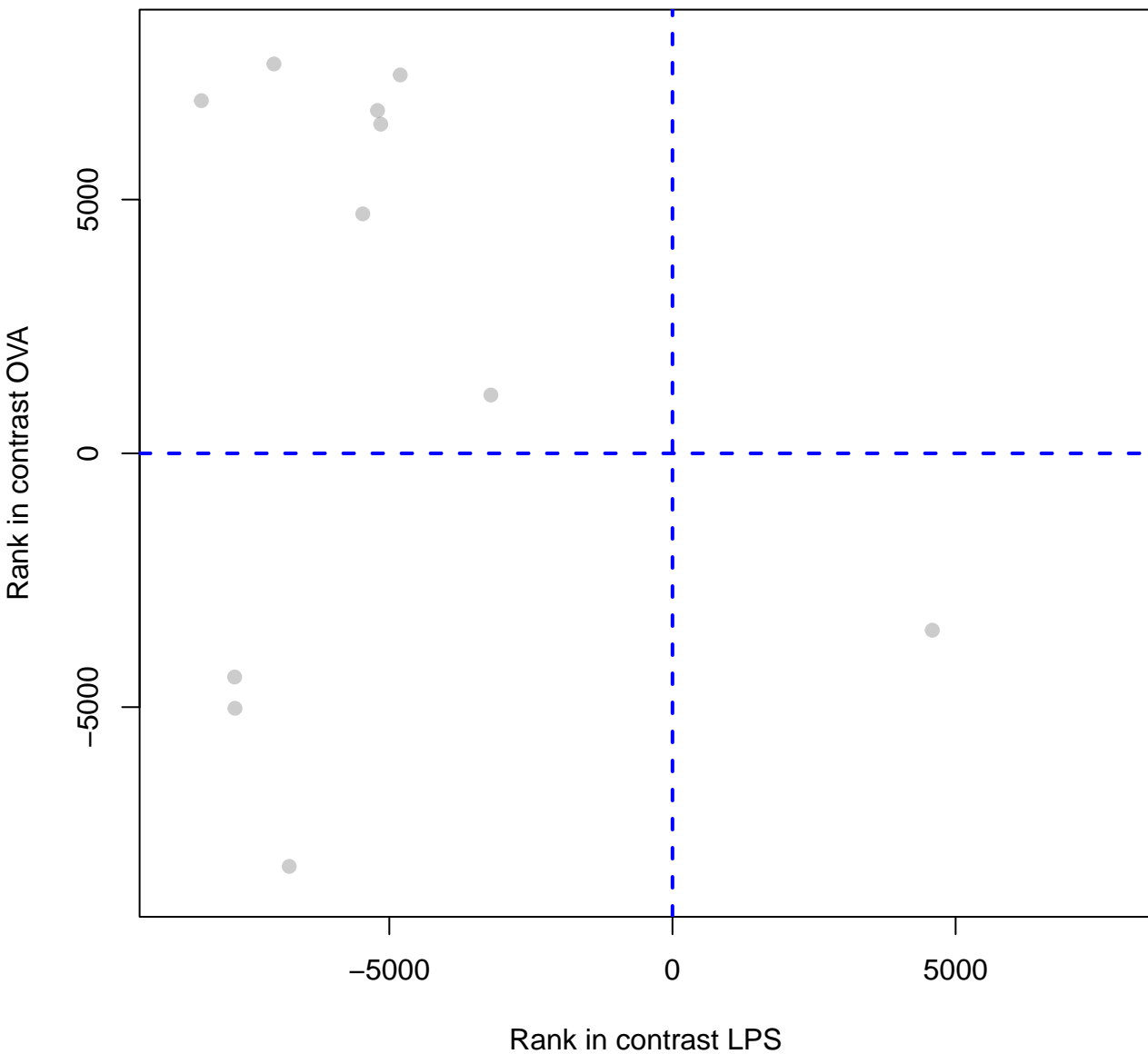
TRAFFICKING AND PROCESSING OF ENDOSC



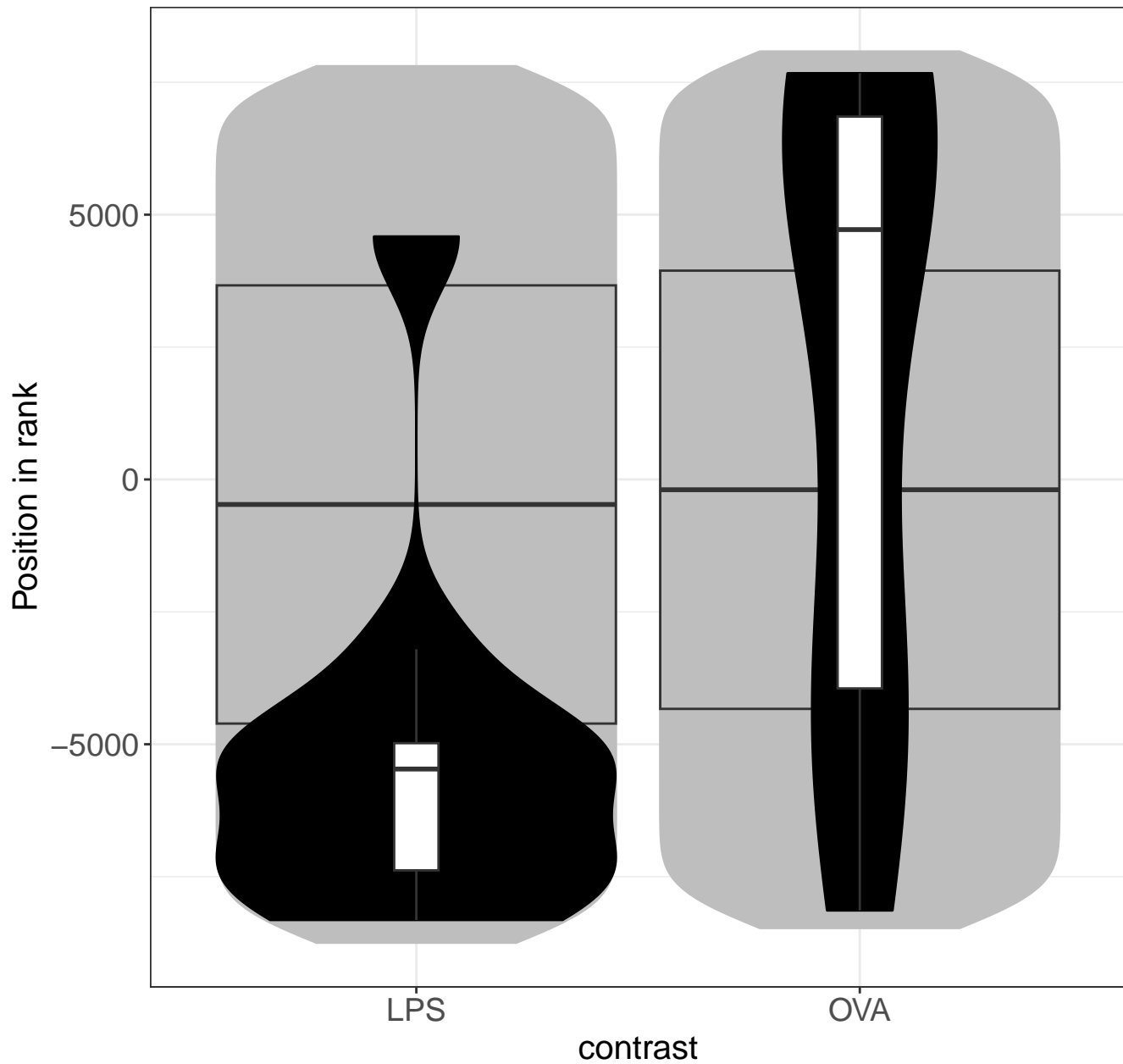
MET ACTIVATES RAP1 AND RAC1



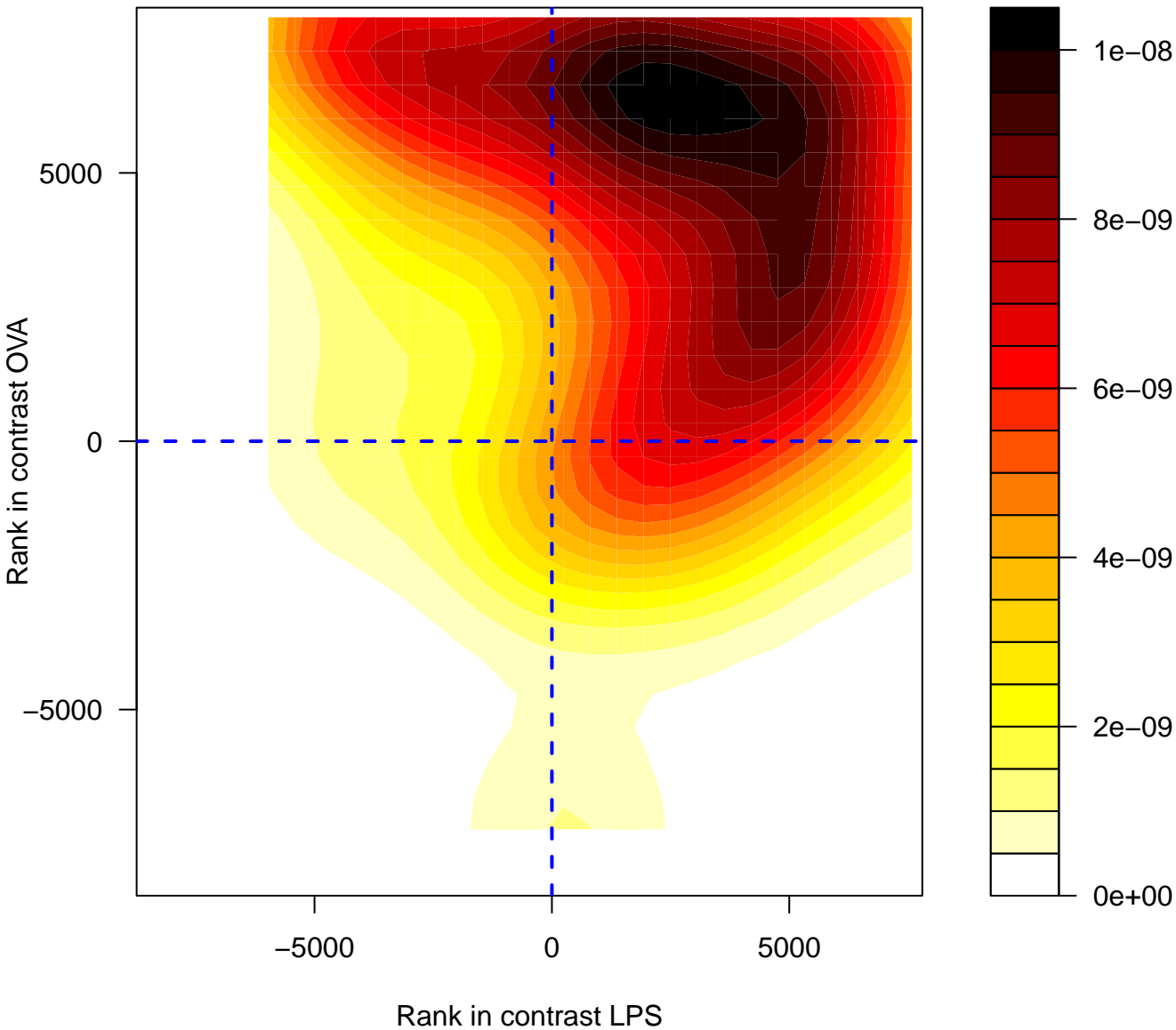
MET ACTIVATES RAP1 AND RAC1



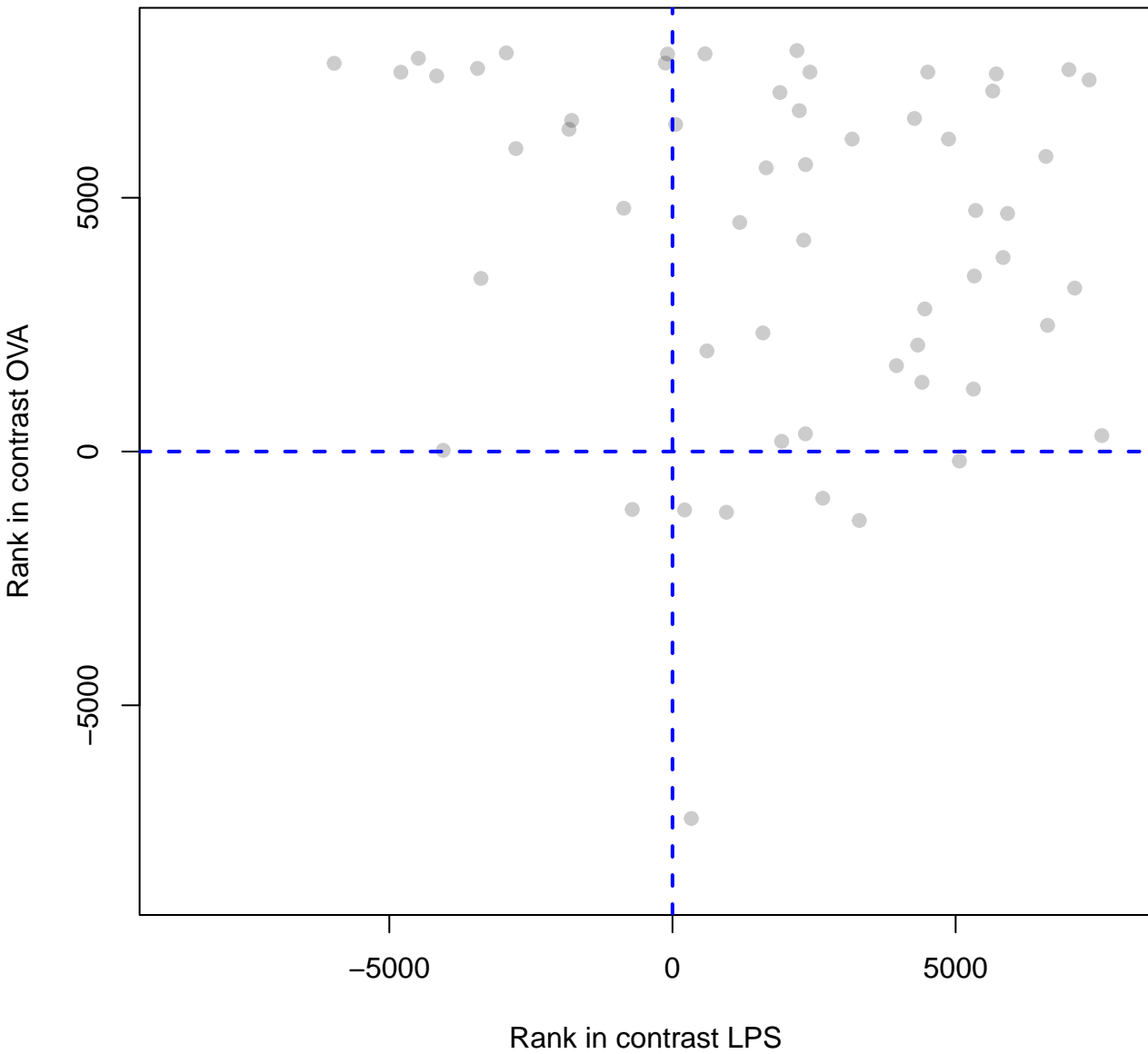
MET ACTIVATES RAP1 AND RAC1



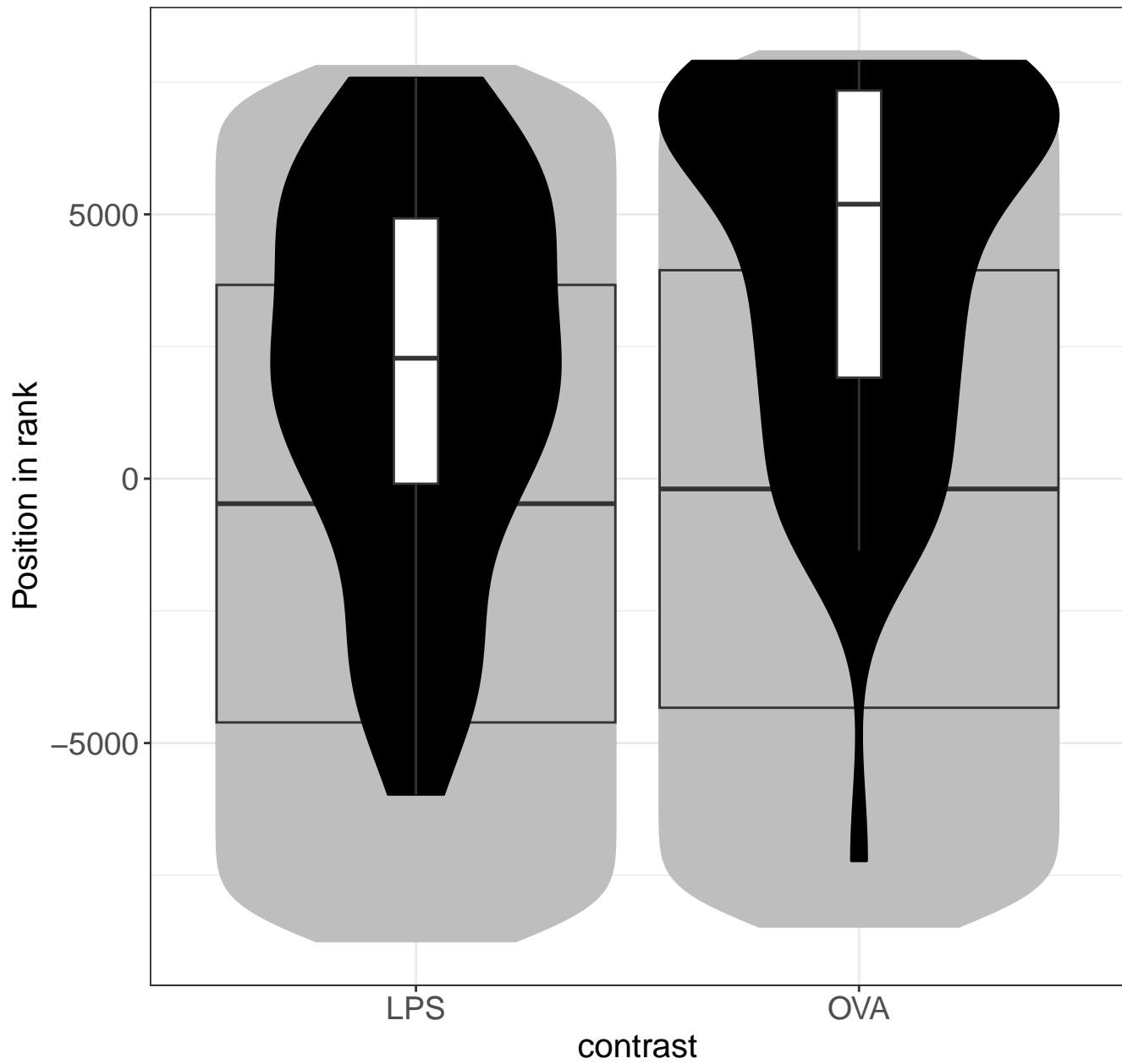
COMPLEX I BIOGENESIS



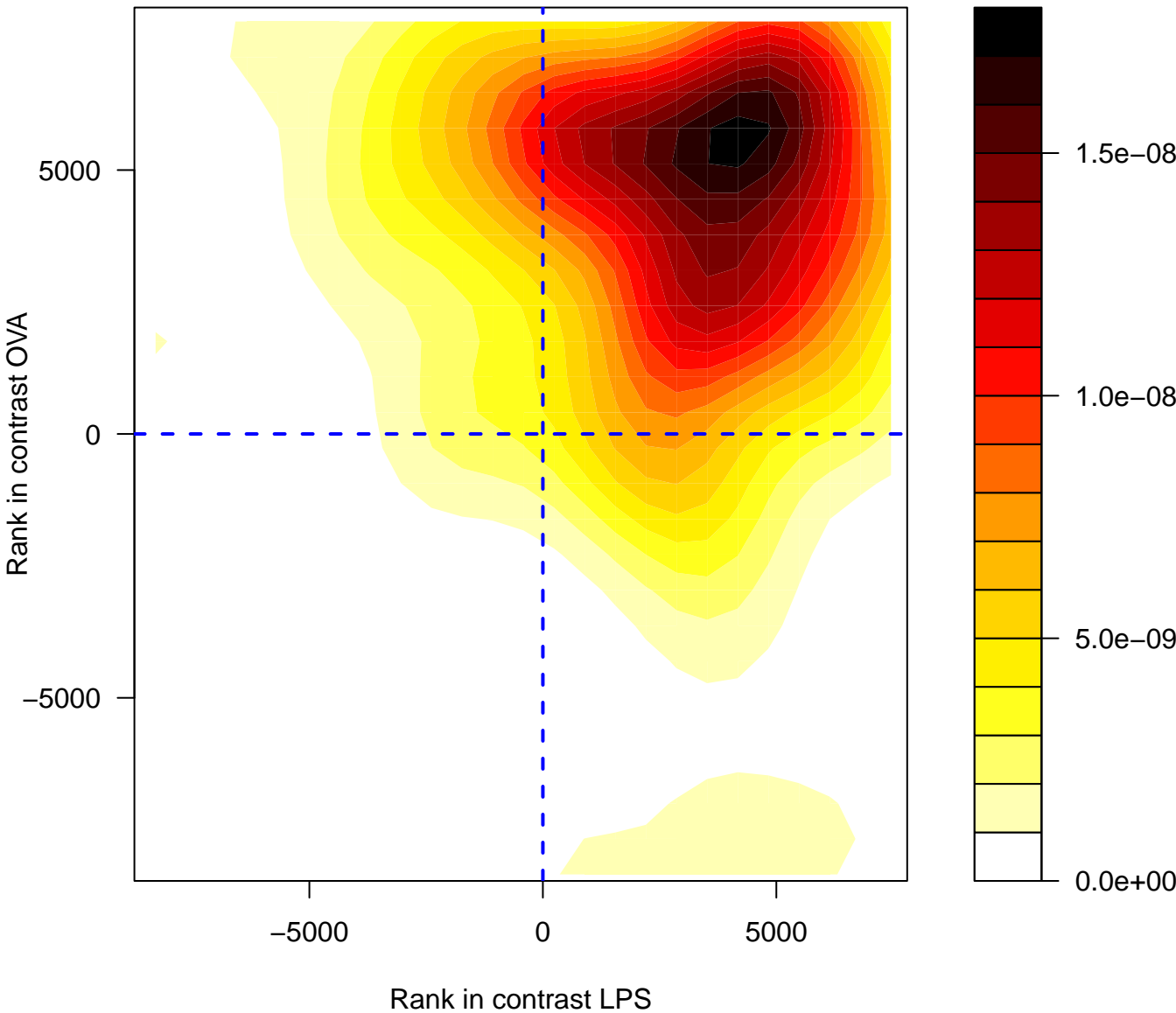
COMPLEX I BIOGENESIS



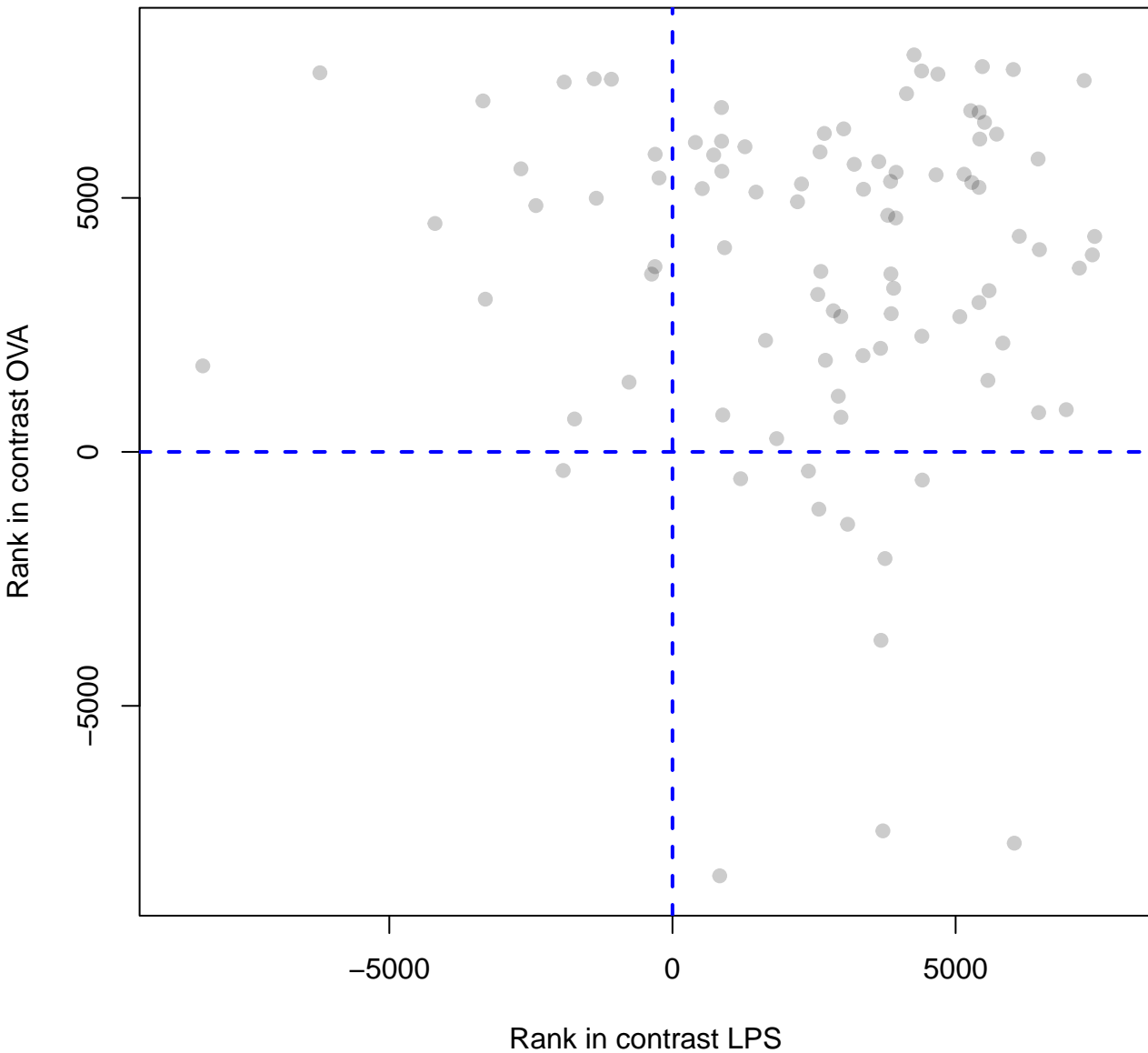
COMPLEX I BIOGENESIS



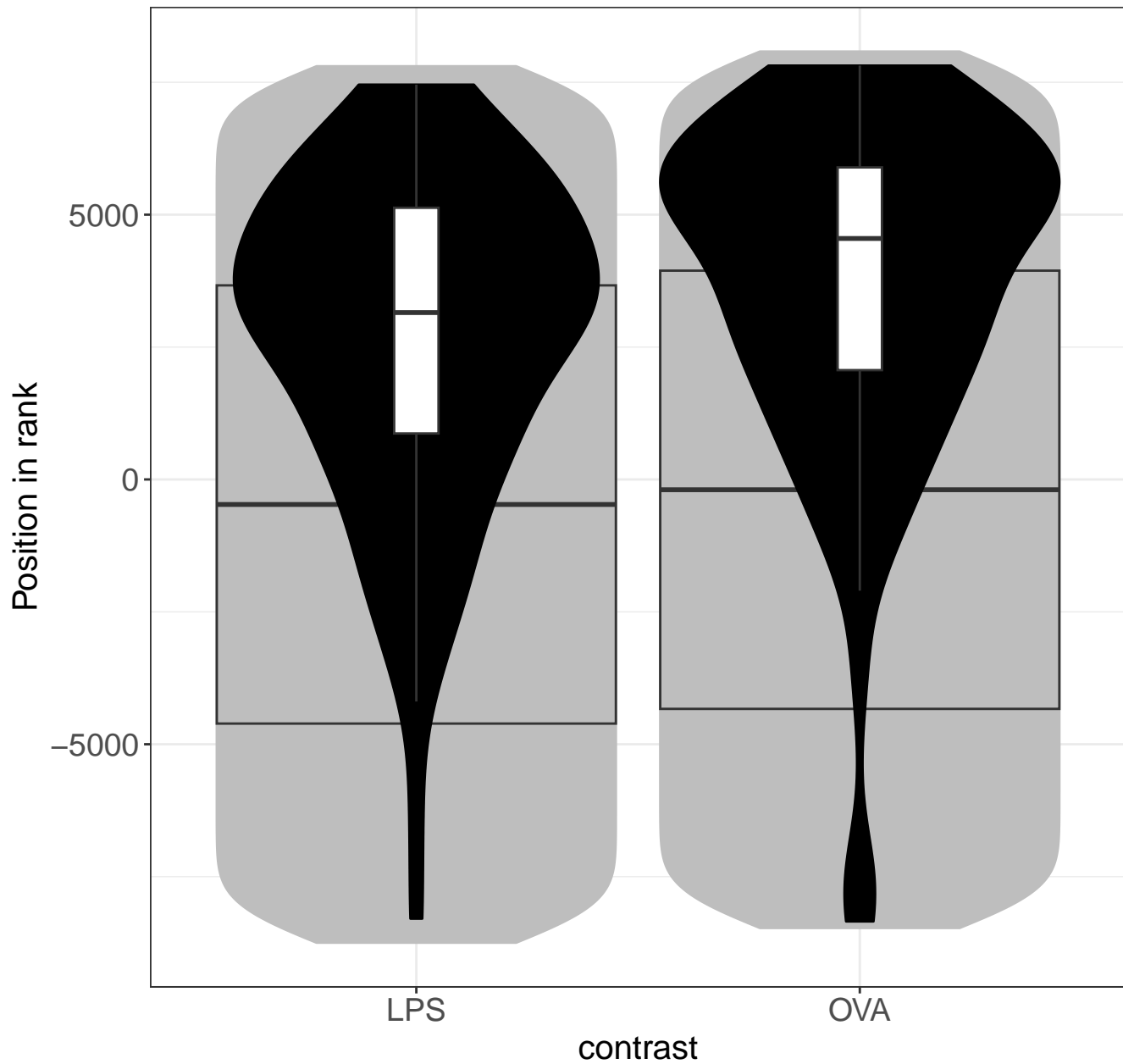
RESPONSE OF EIF2AK4 GCN2 TO AMINO ACID DEFICIEN



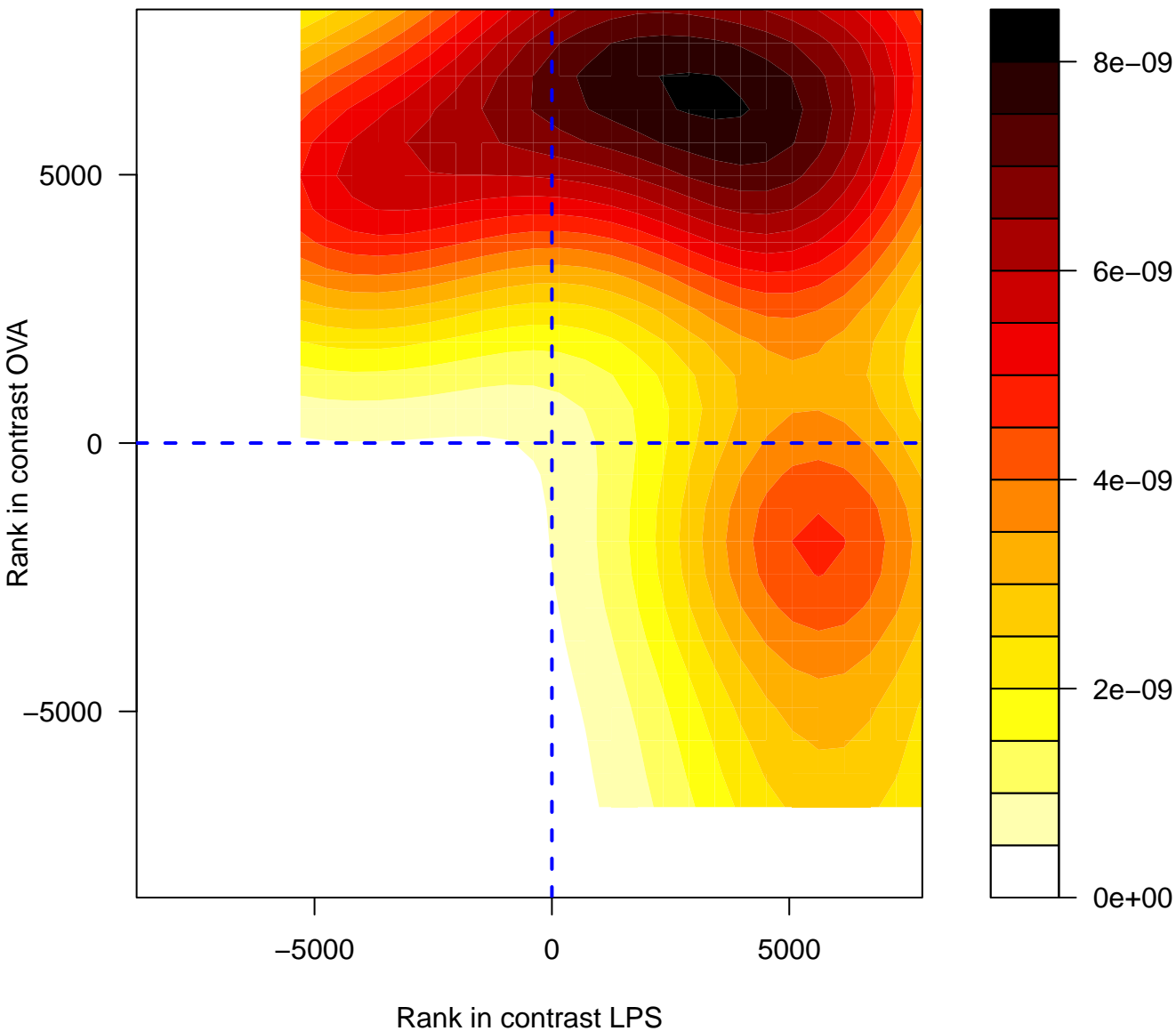
RESPONSE OF EIF2AK4 GCN2 TO AMINO ACID DEFICIENCY



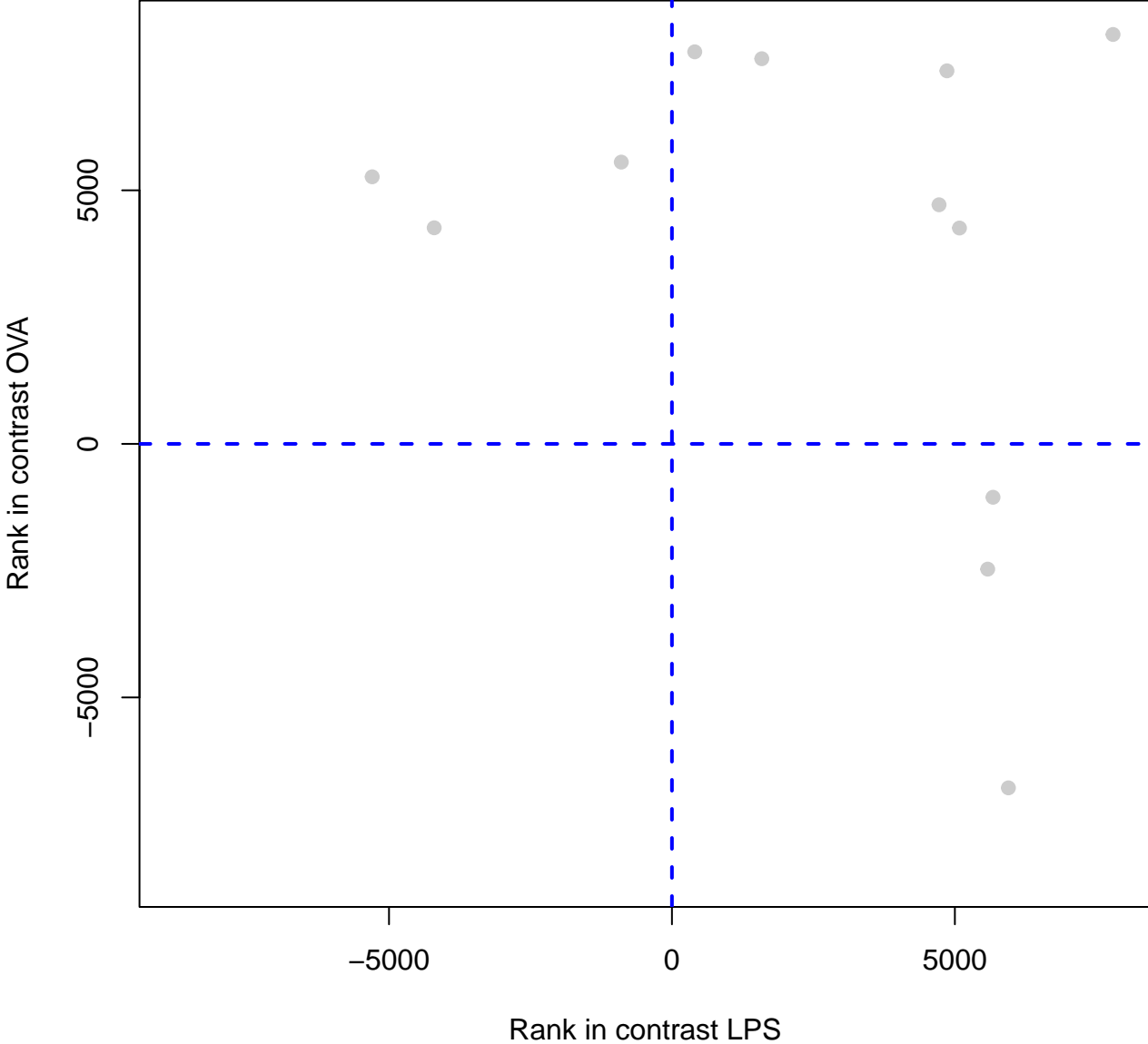
RESPONSE OF EIF2AK4 GCN2 TO AMINO ACID



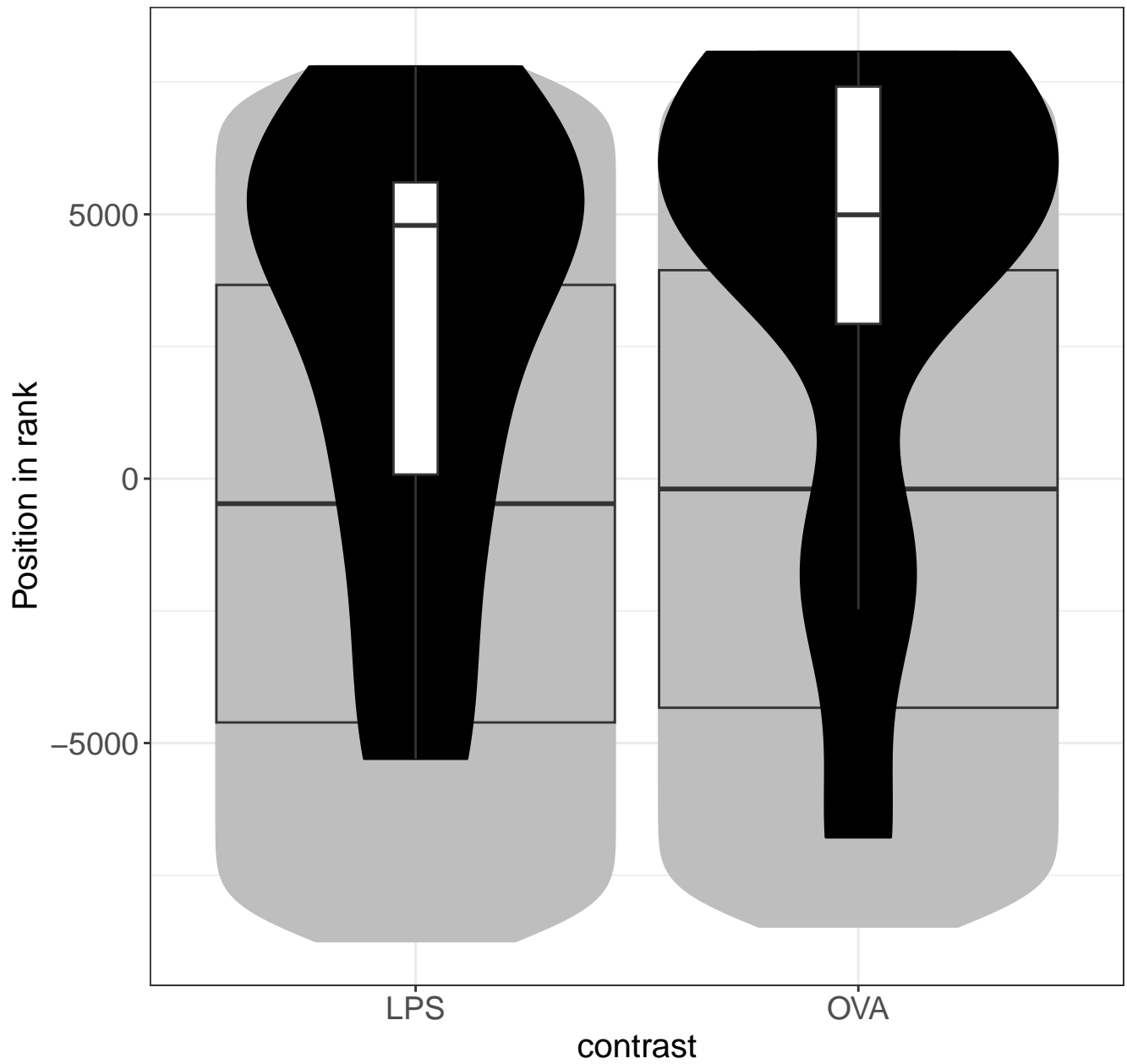
PHA LINOLENIC OMEGA3 AND LINOLEIC OMEGA6 ACID MET



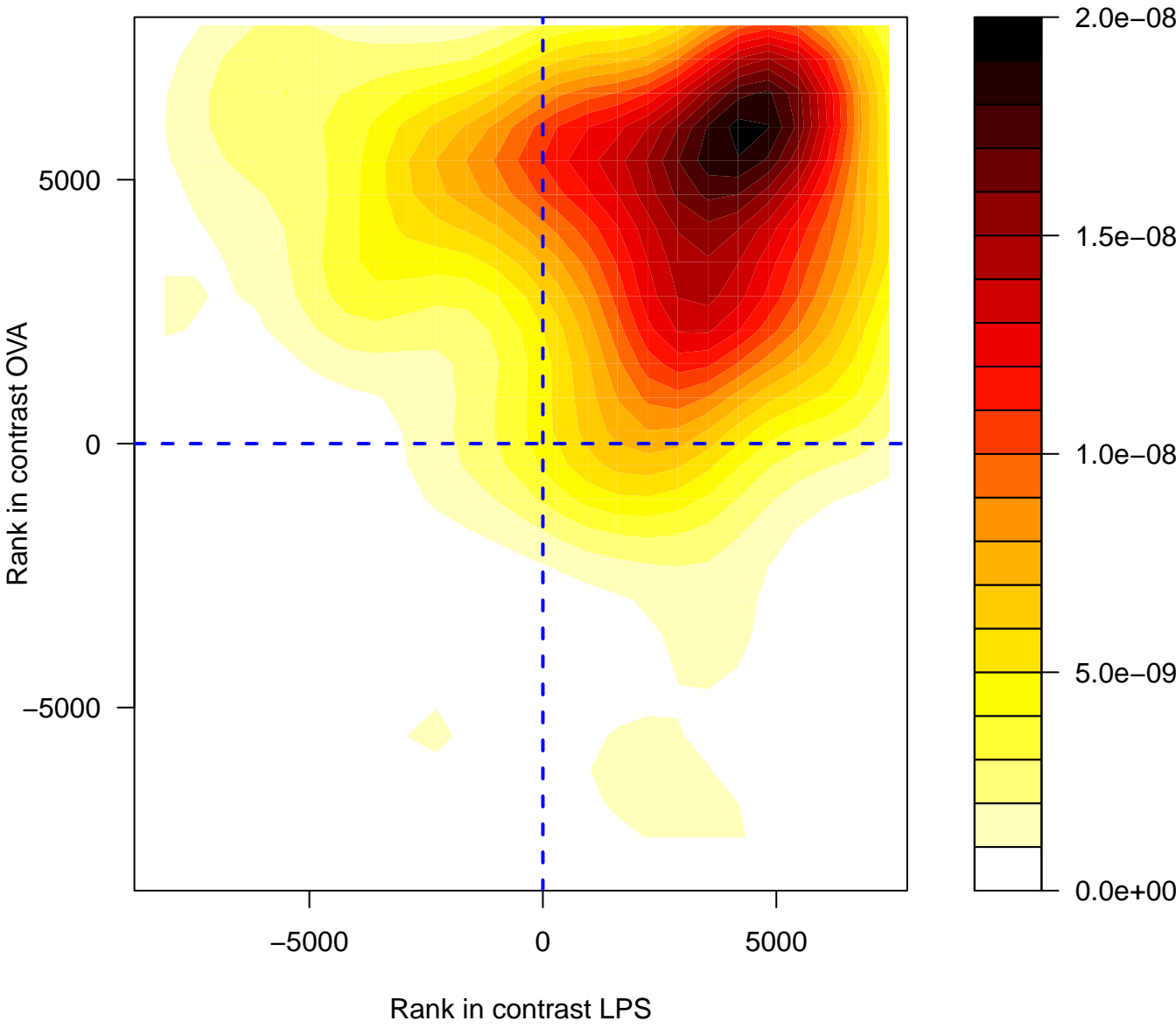
ALPHA LINOLENIC OMEGA3 AND LINOLEIC OMEGA6 ACID METABOLIS



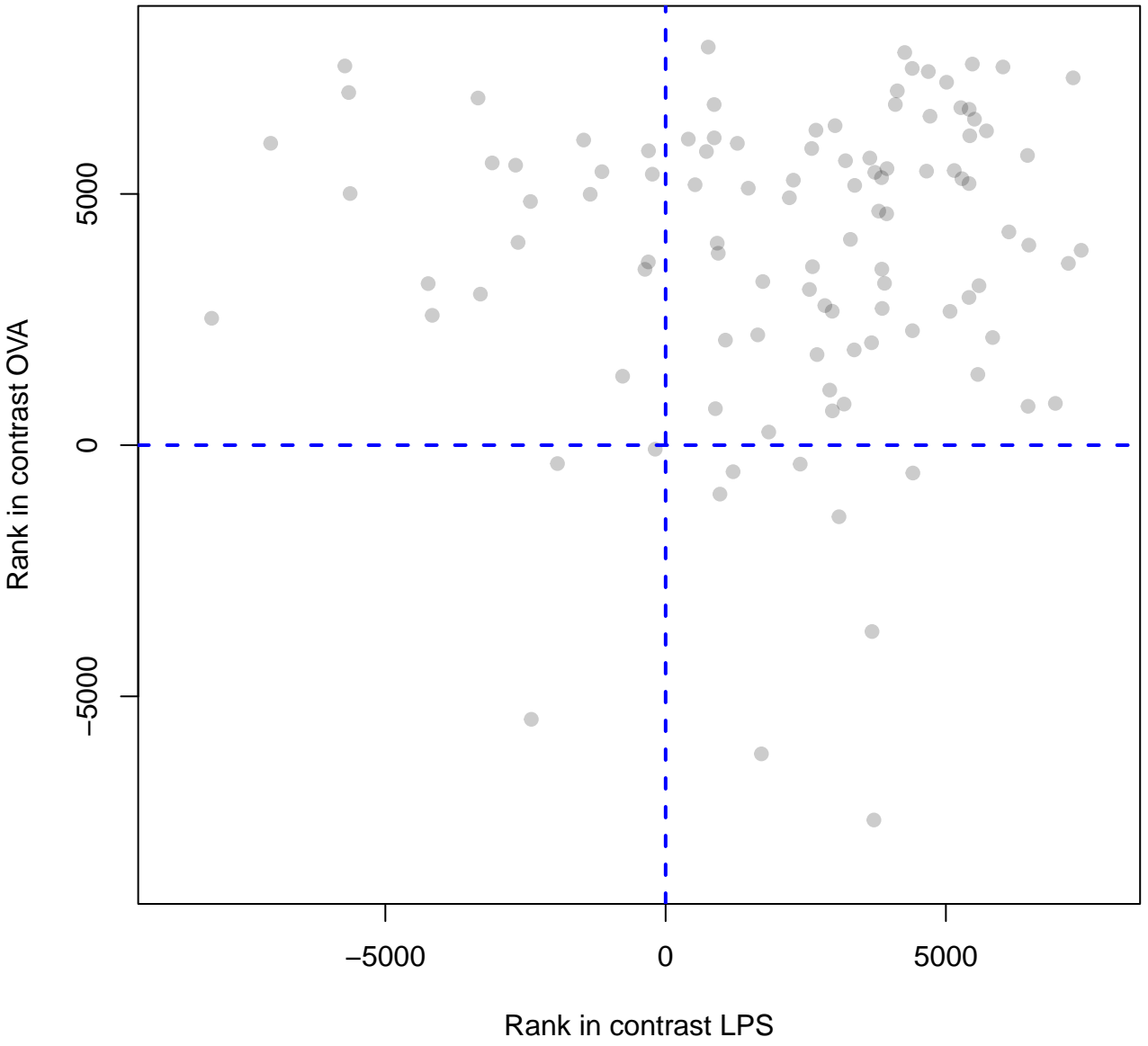
ALPHA LINOLENIC OMEGA3 AND LINOLEIC O



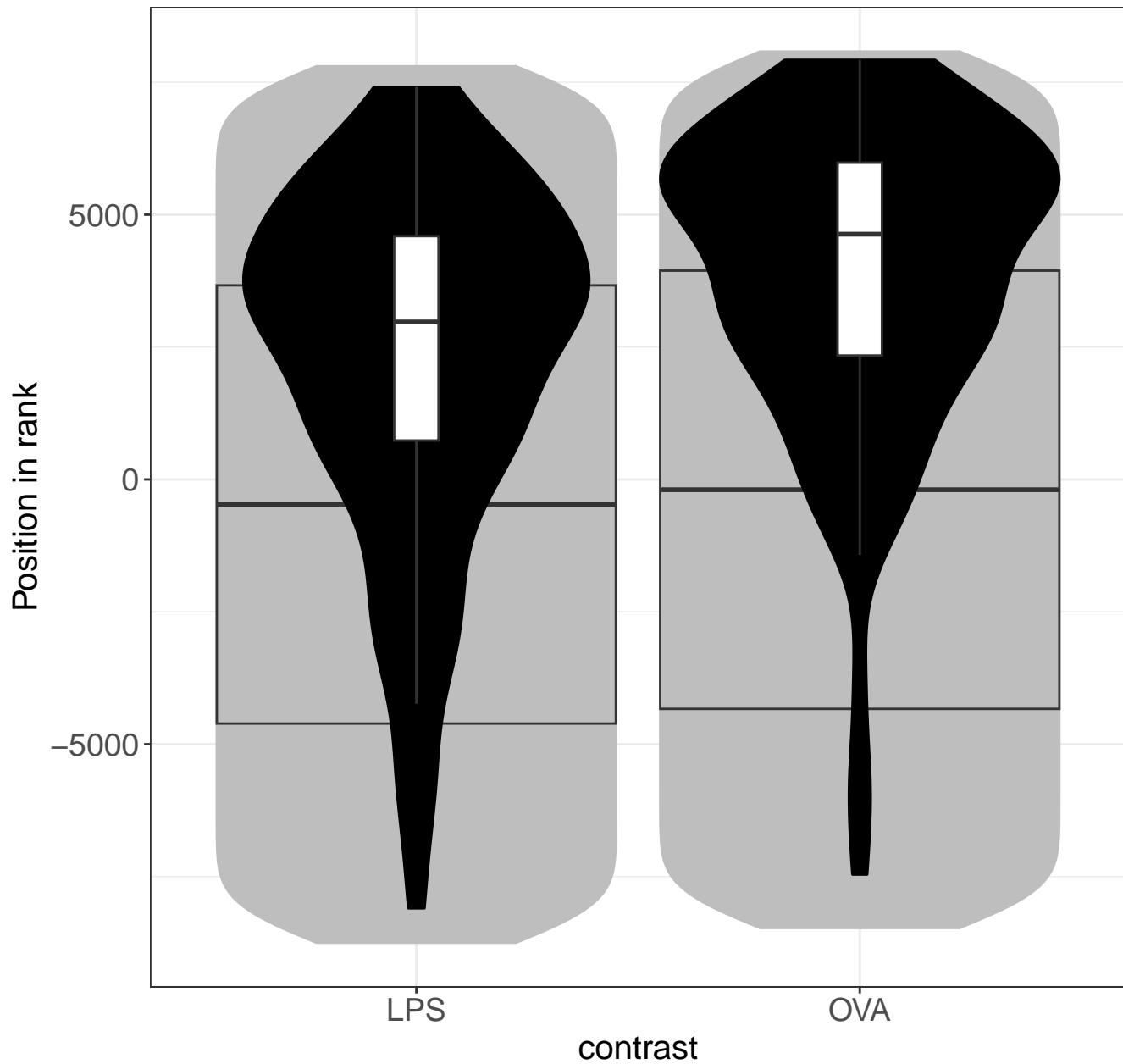
DEPENDENT COTRANSLATIONAL PROTEIN TARGETING TO I



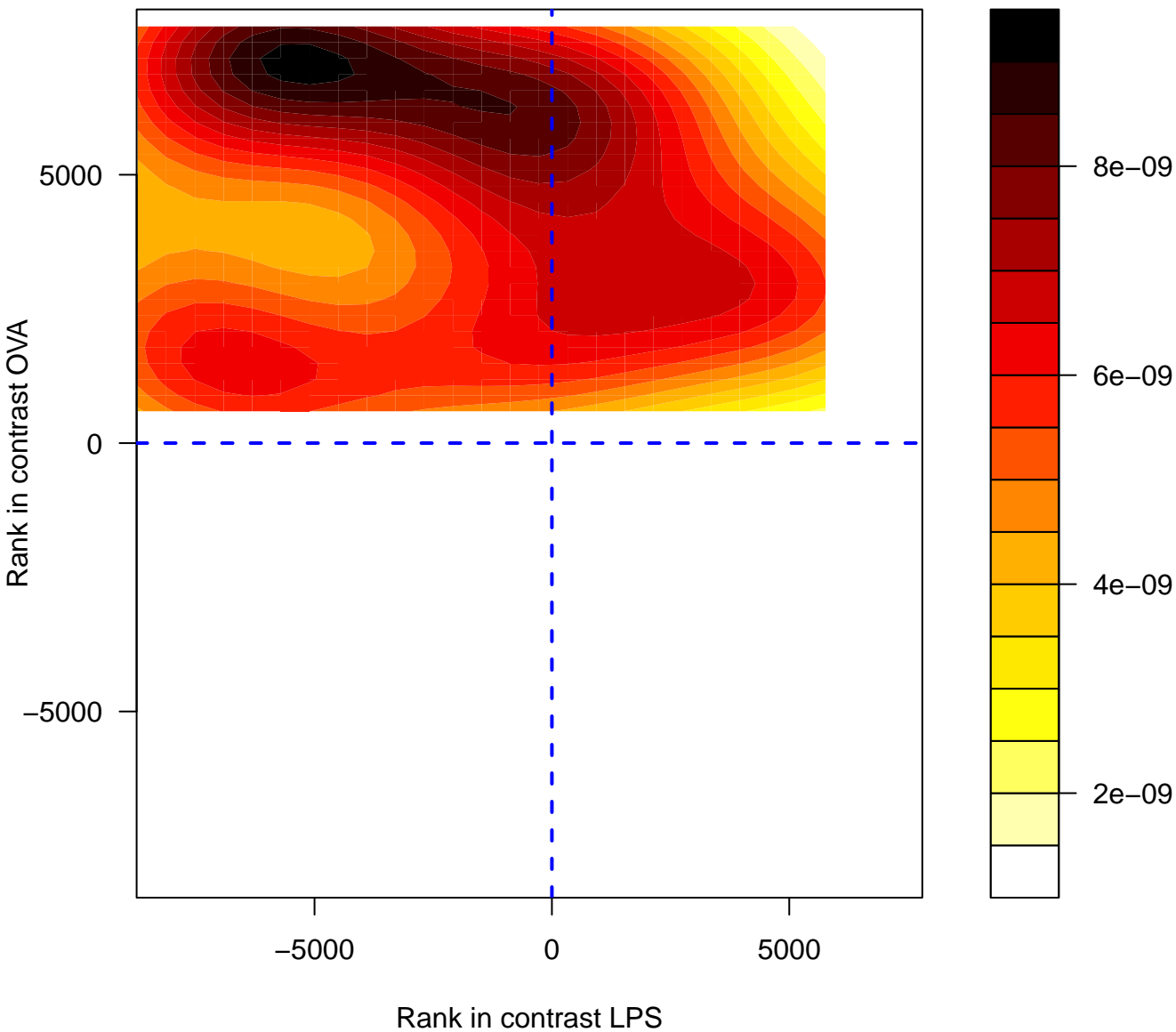
SRP DEPENDENT COTRANSLATIONAL PROTEIN TARGETING TO MEMBRANE



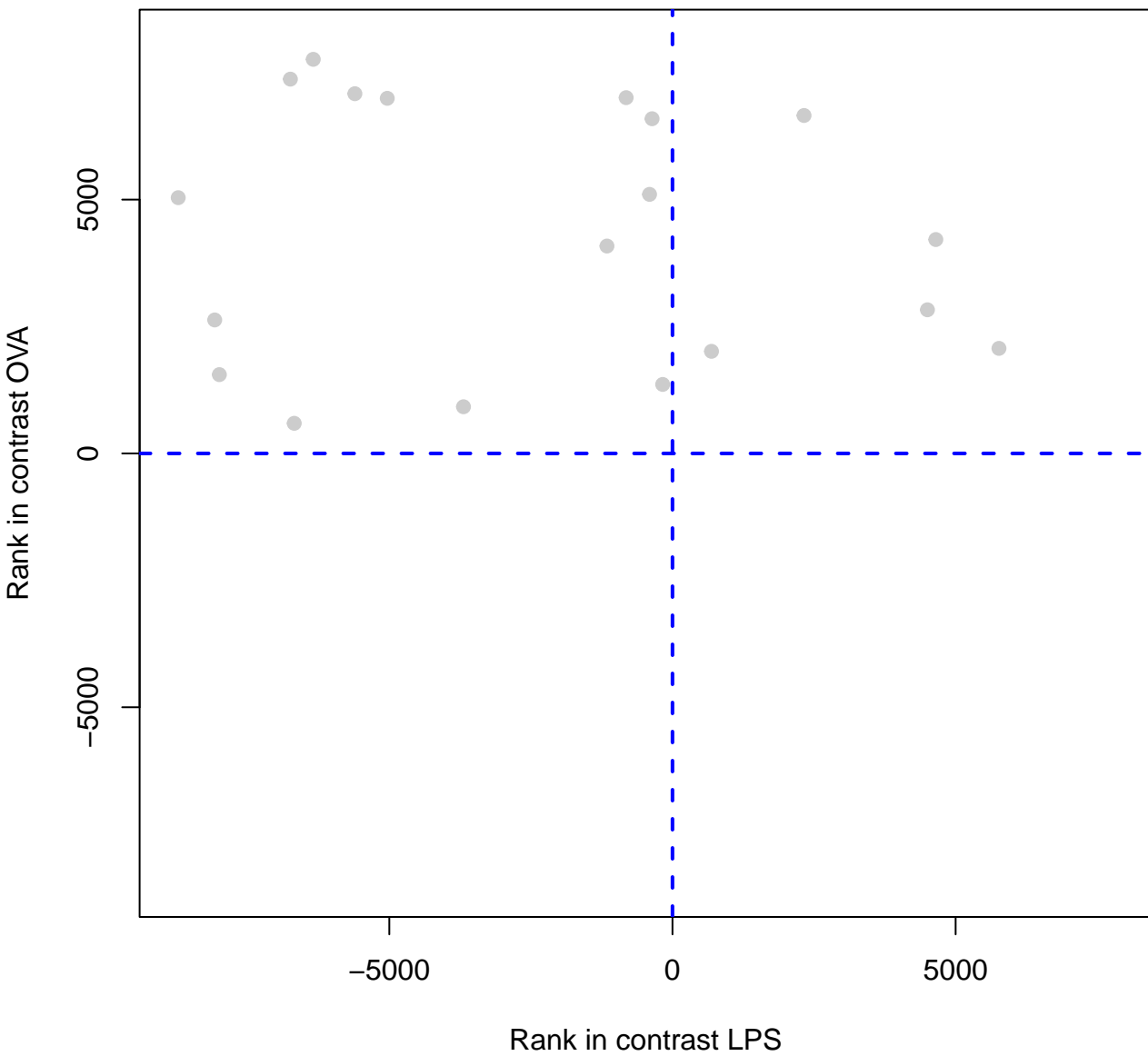
SRP DEPENDENT COTRANSLATIONAL PROTE



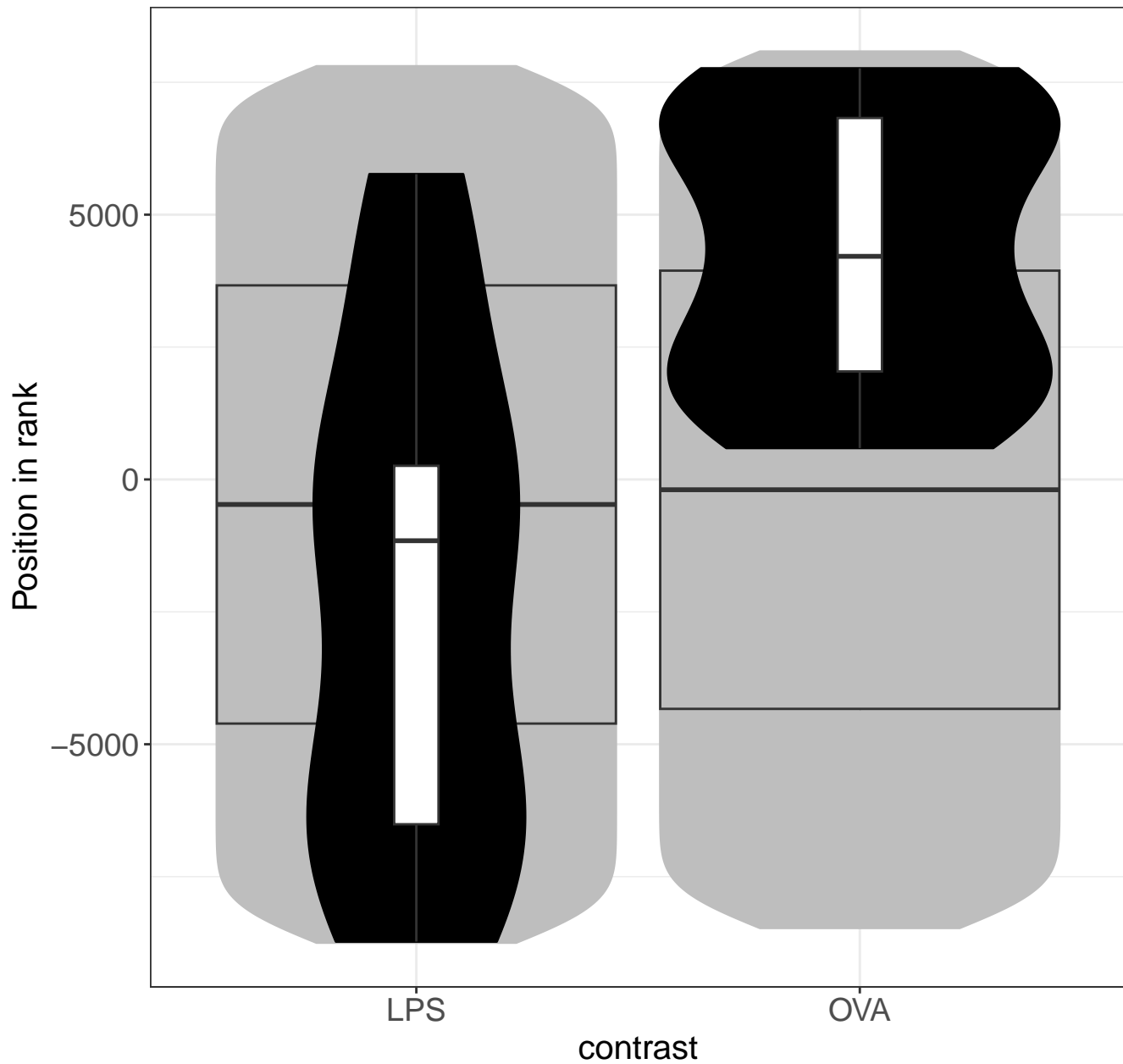
ADP SIGNALLING THROUGH P2Y PURINOCEPTOR 12



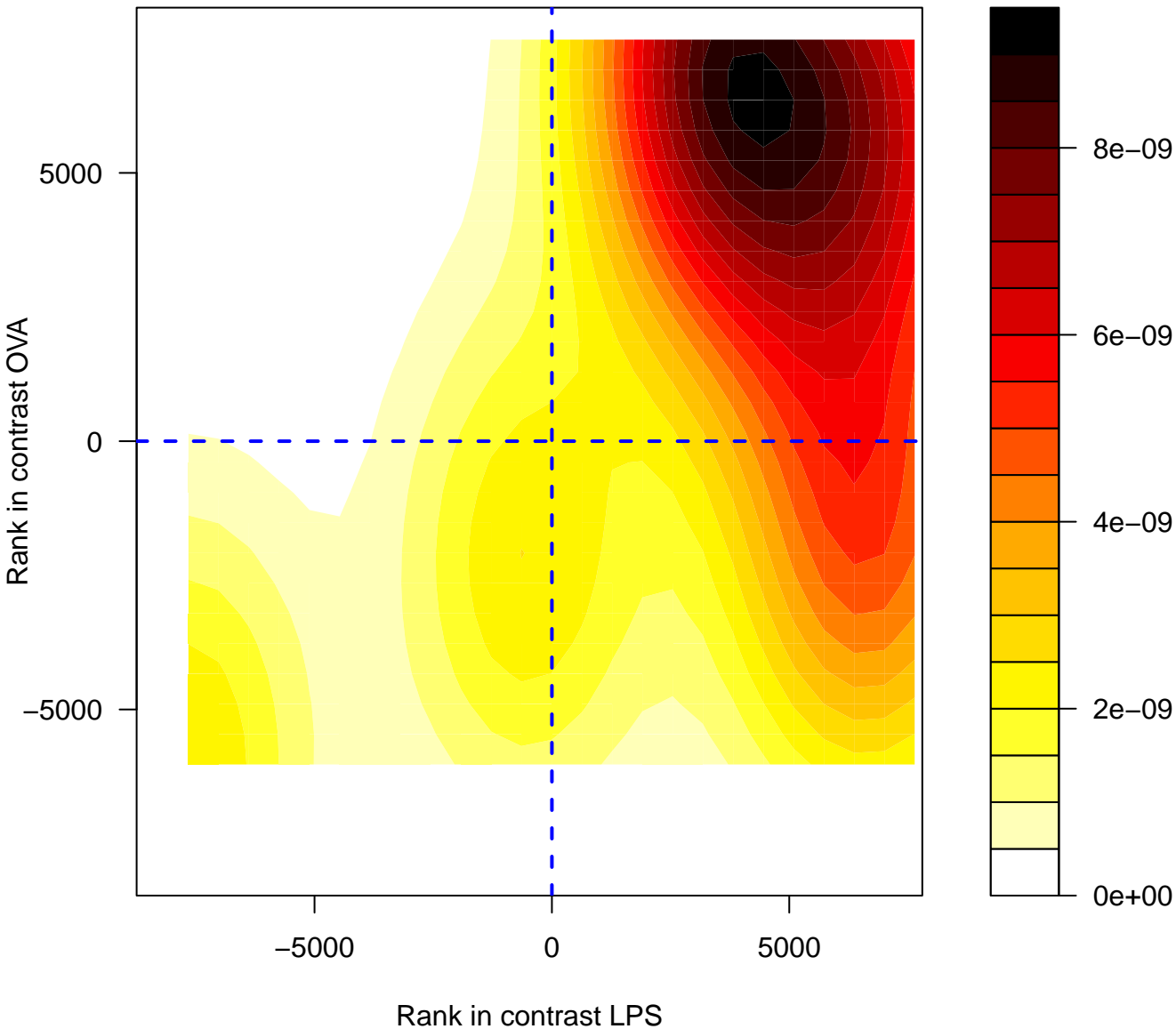
ADP SIGNALLING THROUGH P2Y PURINOCEPTOR 12



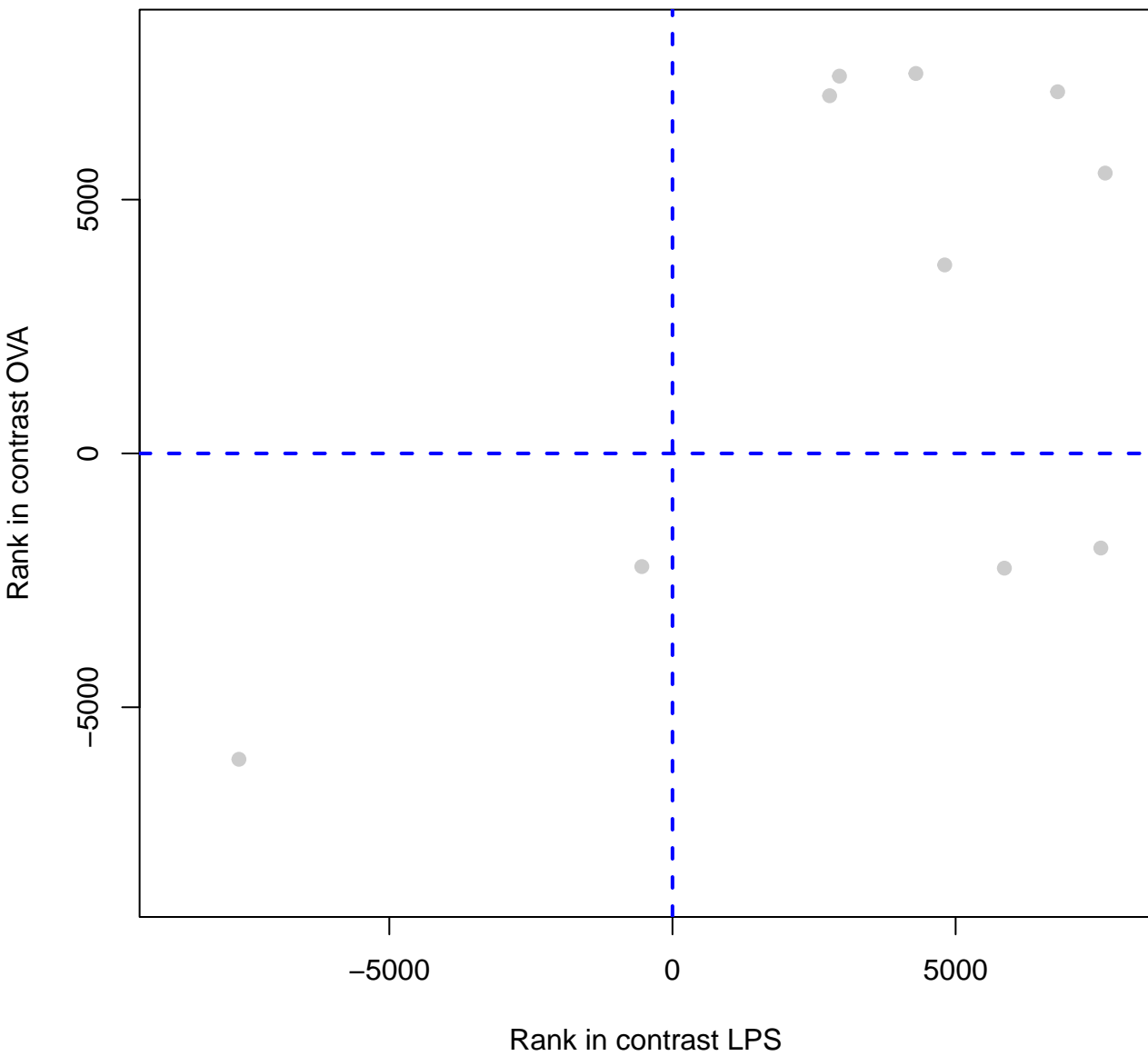
ADP SIGNALLING THROUGH P2Y PURINOCEPTORS



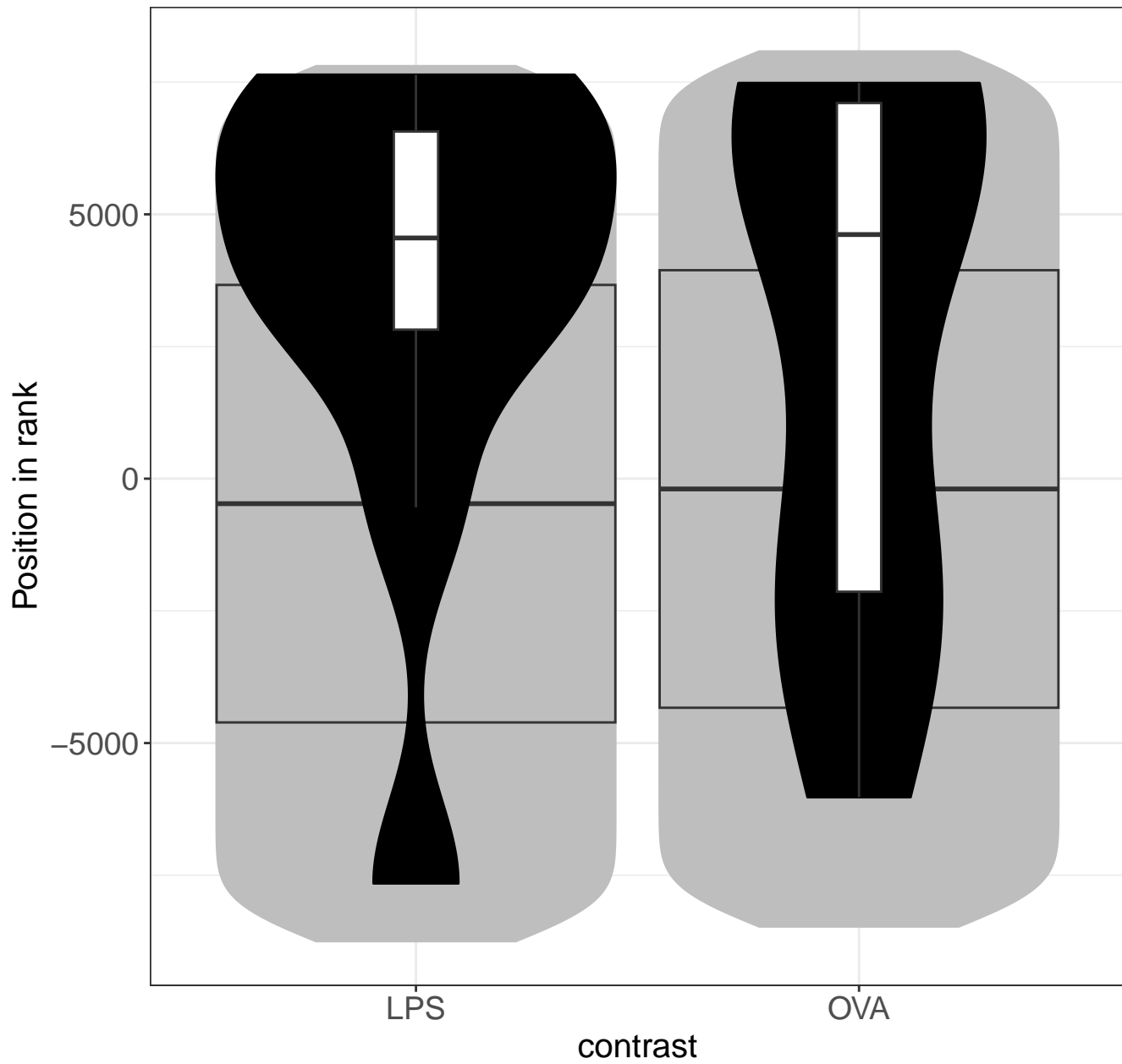
INITIAL TRIGGERING OF COMPLEMENT



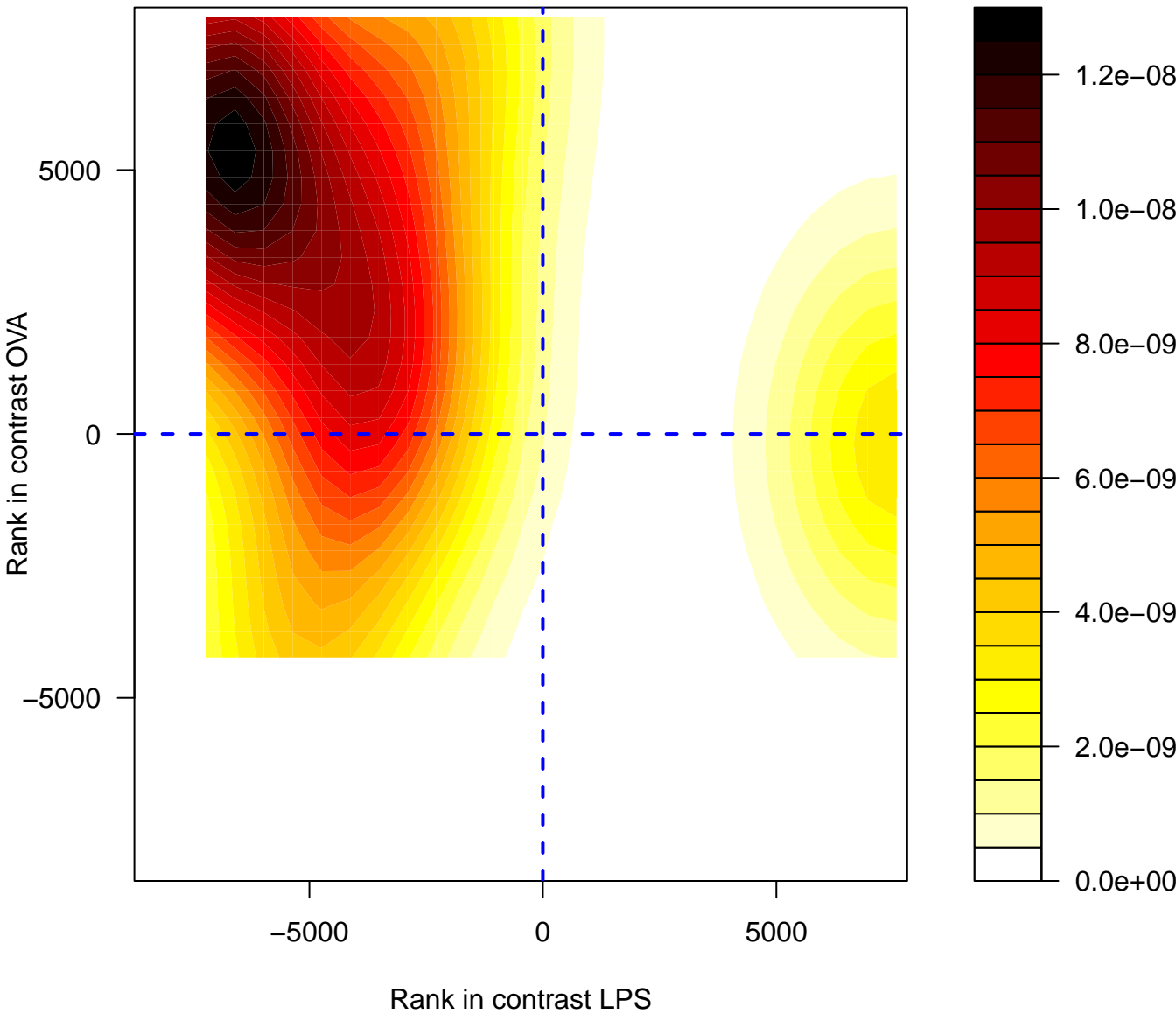
INITIAL TRIGGERING OF COMPLEMENT



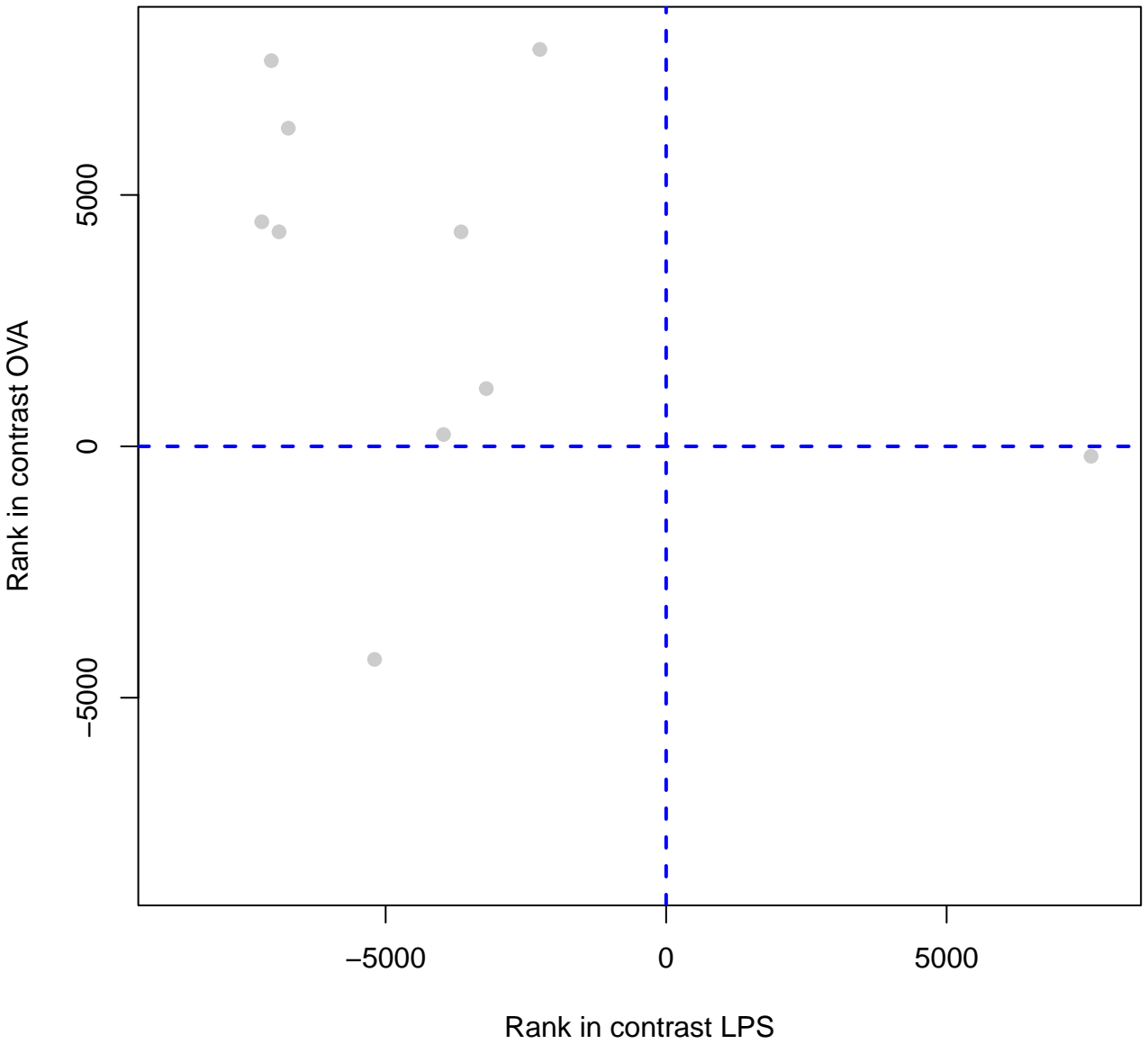
INITIAL TRIGGERING OF COMPLEMENT



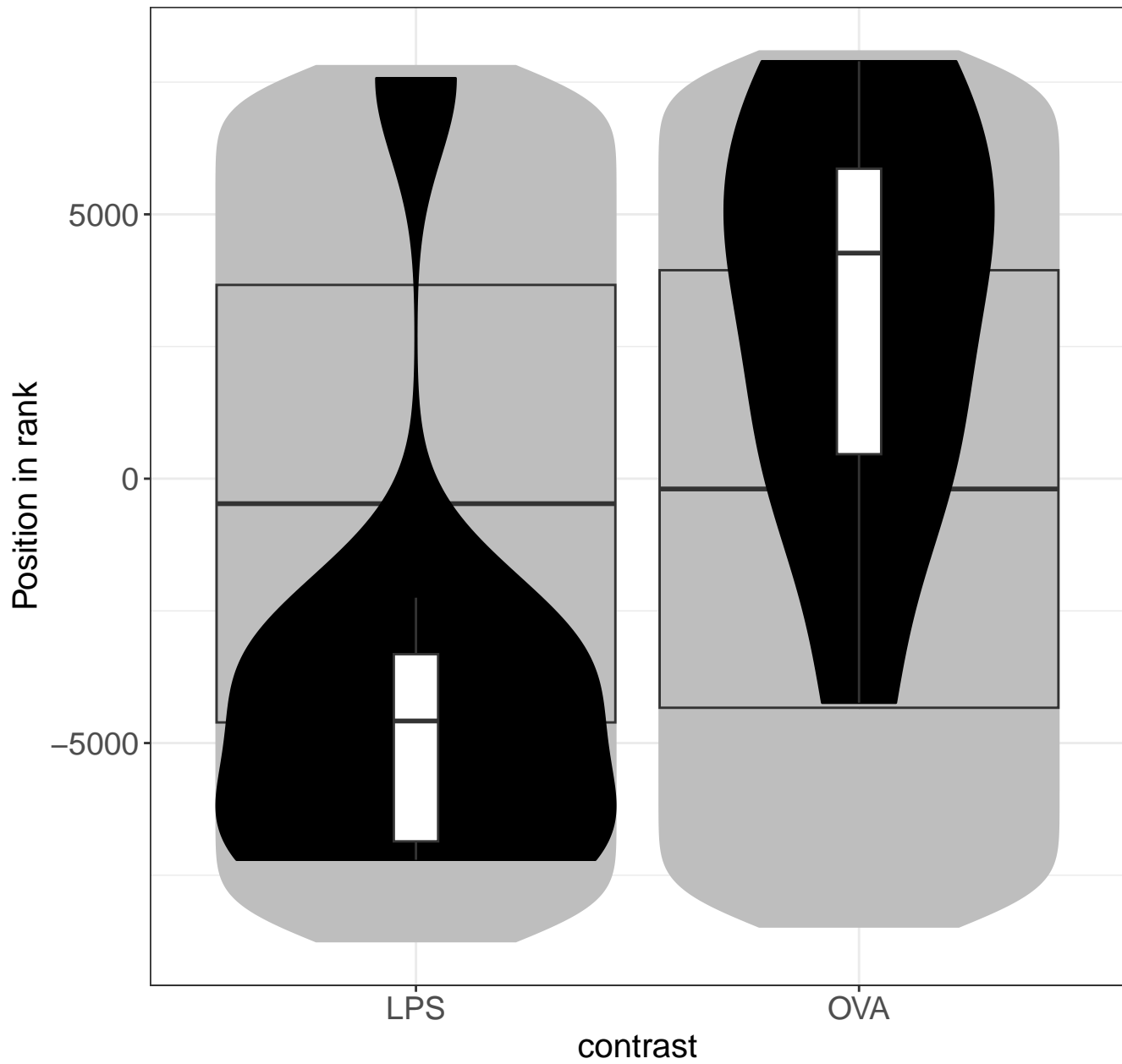
CD28 DEPENDENT VAV1 PATHWAY



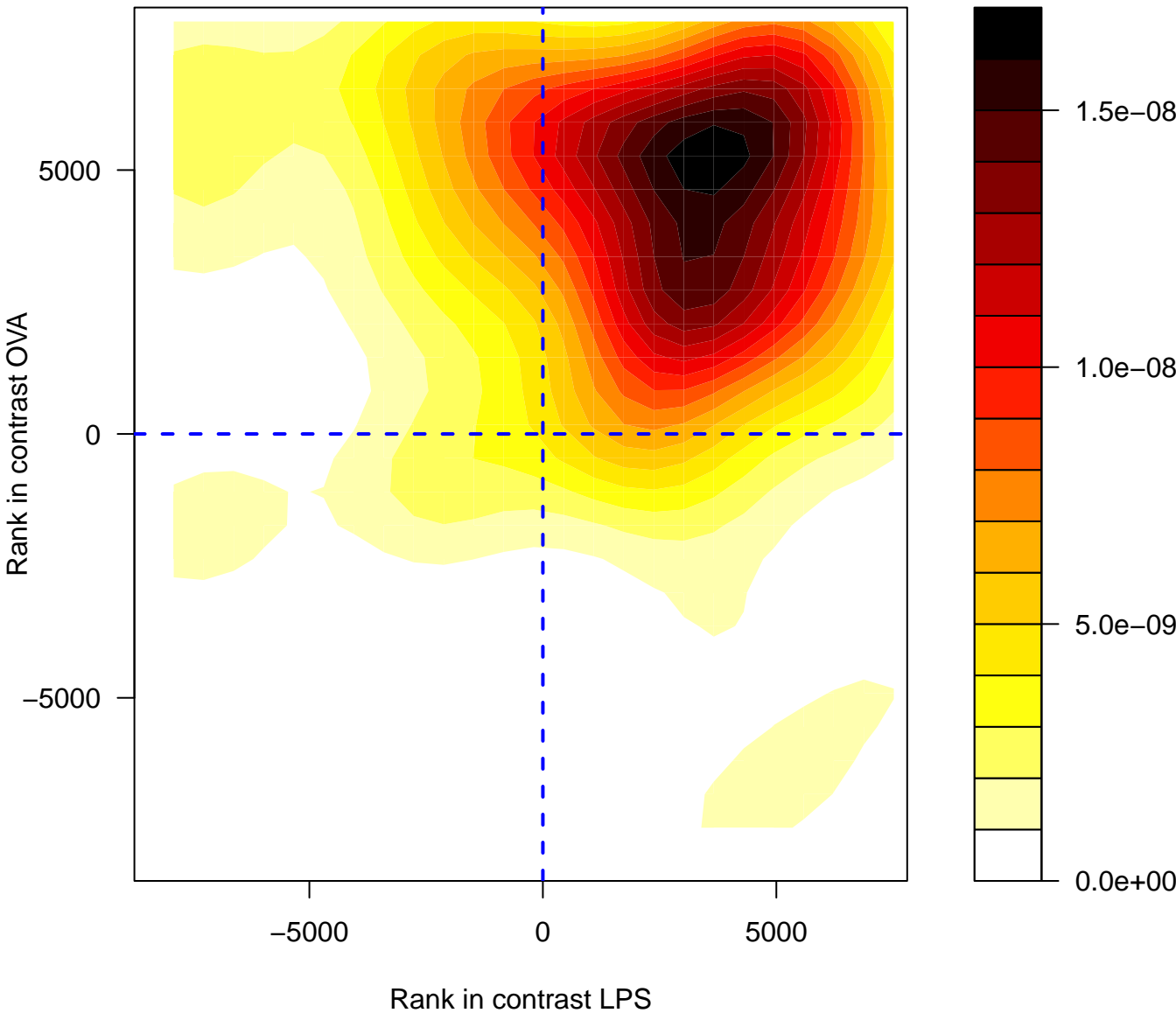
CD28 DEPENDENT VAV1 PATHWAY



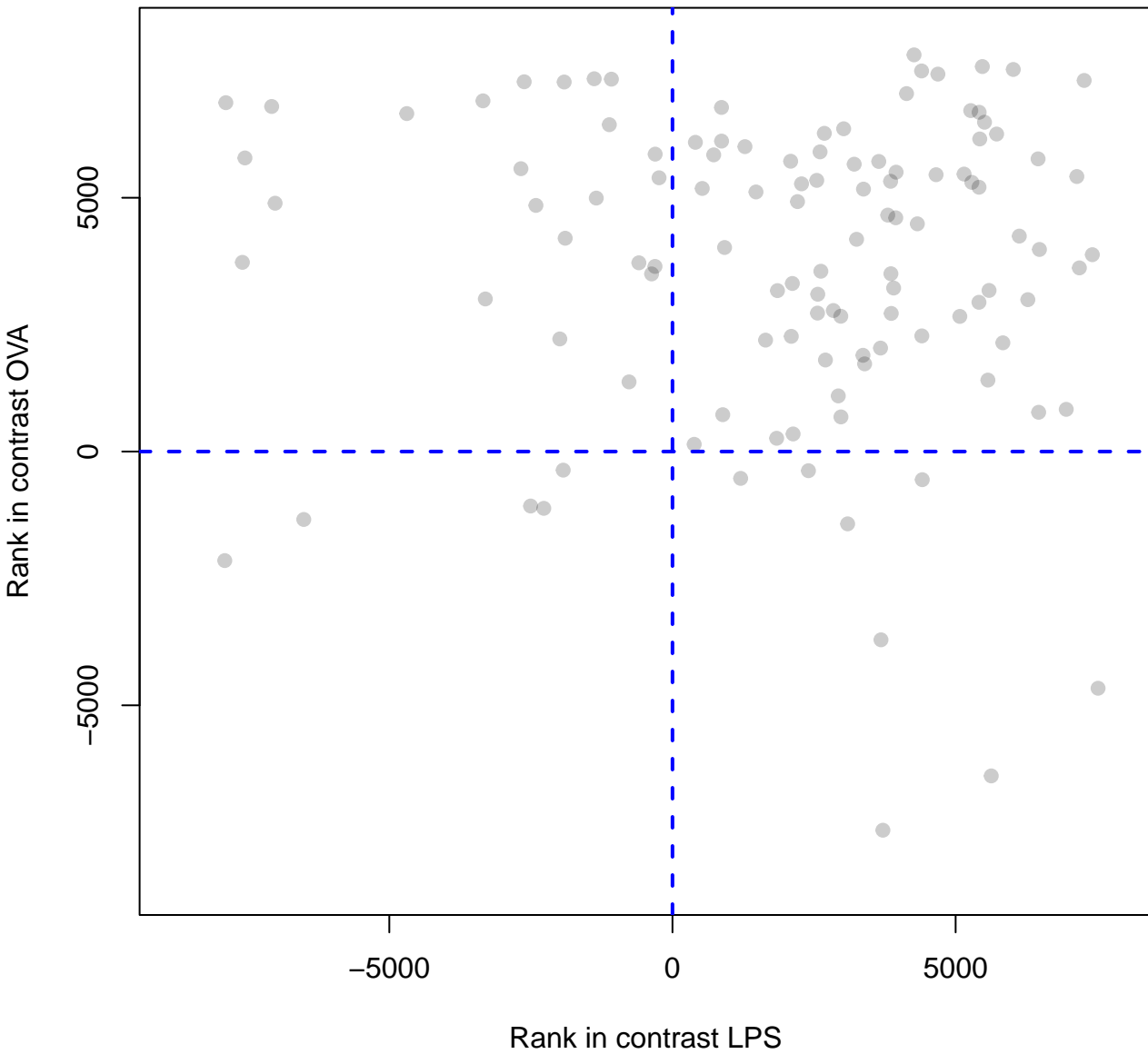
CD28 DEPENDENT VAV1 PATHWAY



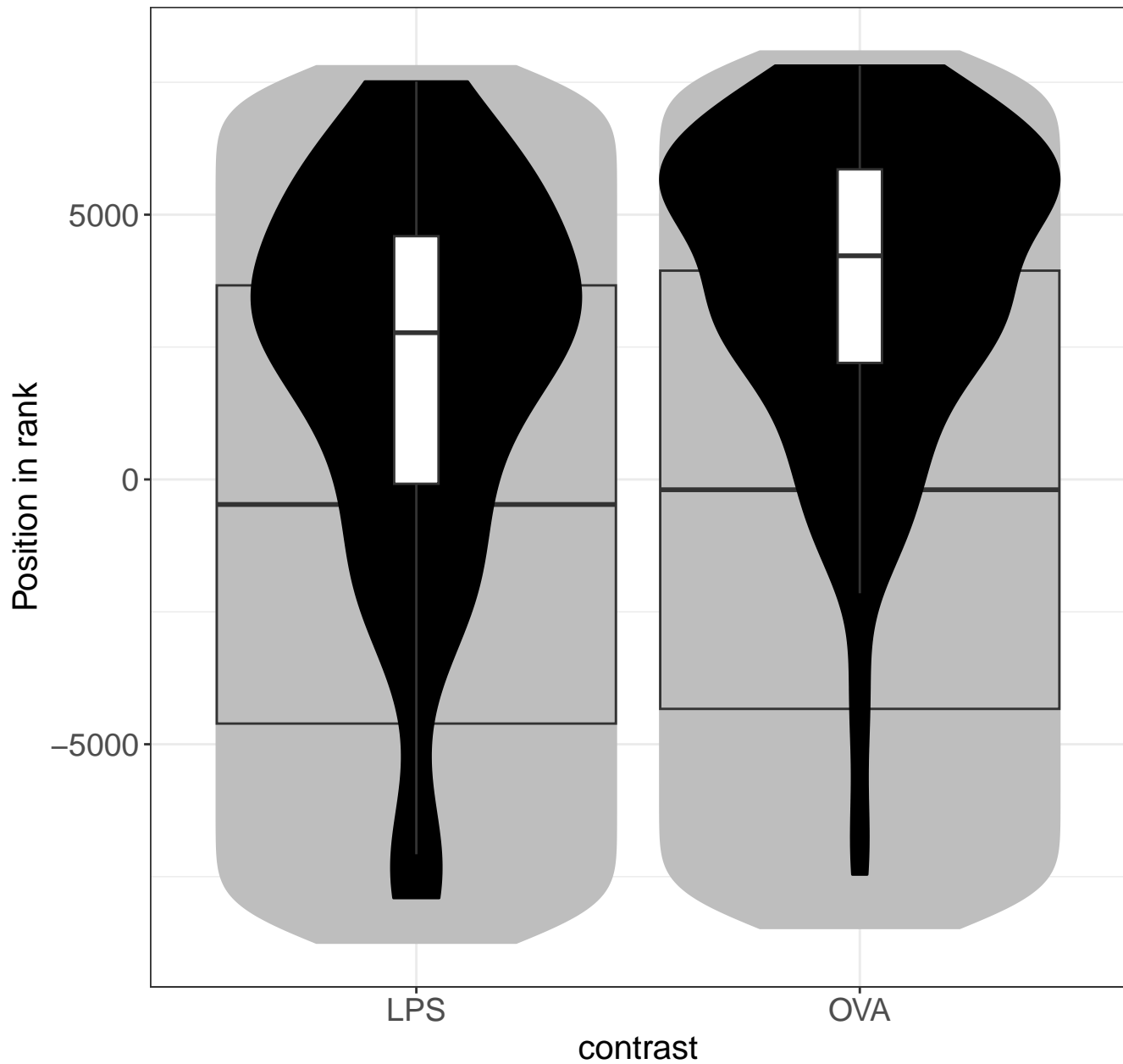
EUKARYOTIC TRANSLATION INITIATION



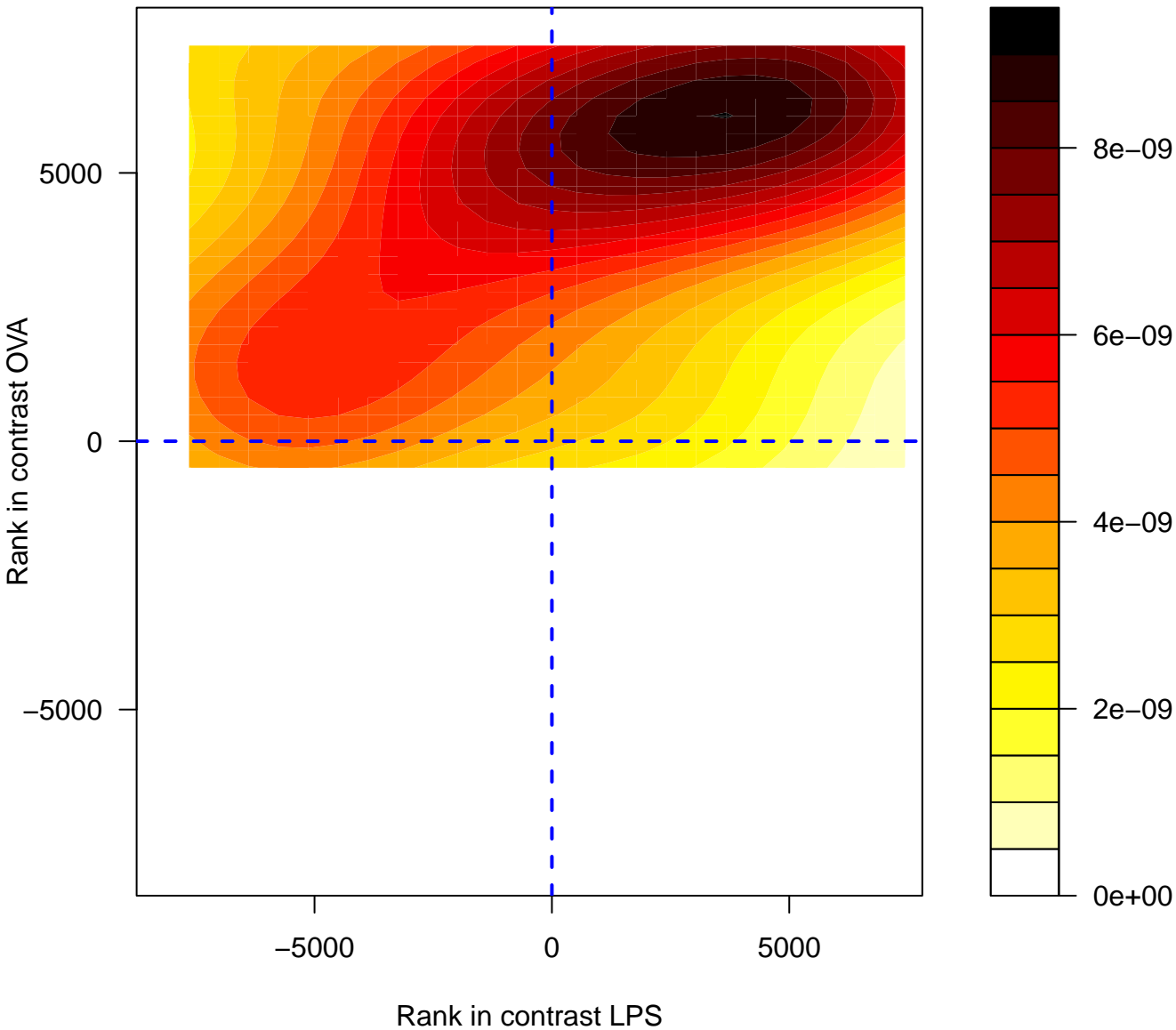
EUKARYOTIC TRANSLATION INITIATION



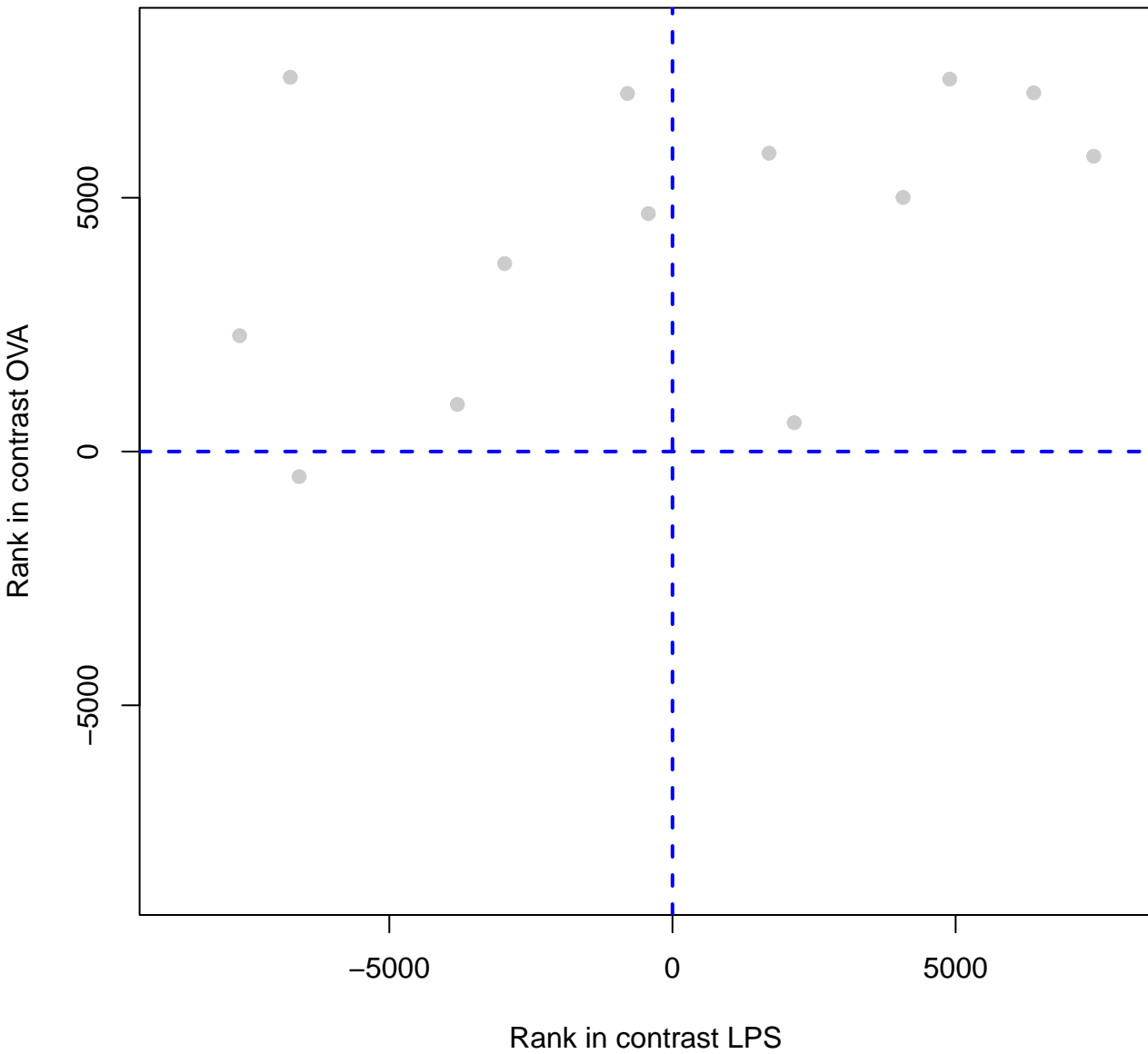
EUKARYOTIC TRANSLATION INITIATION



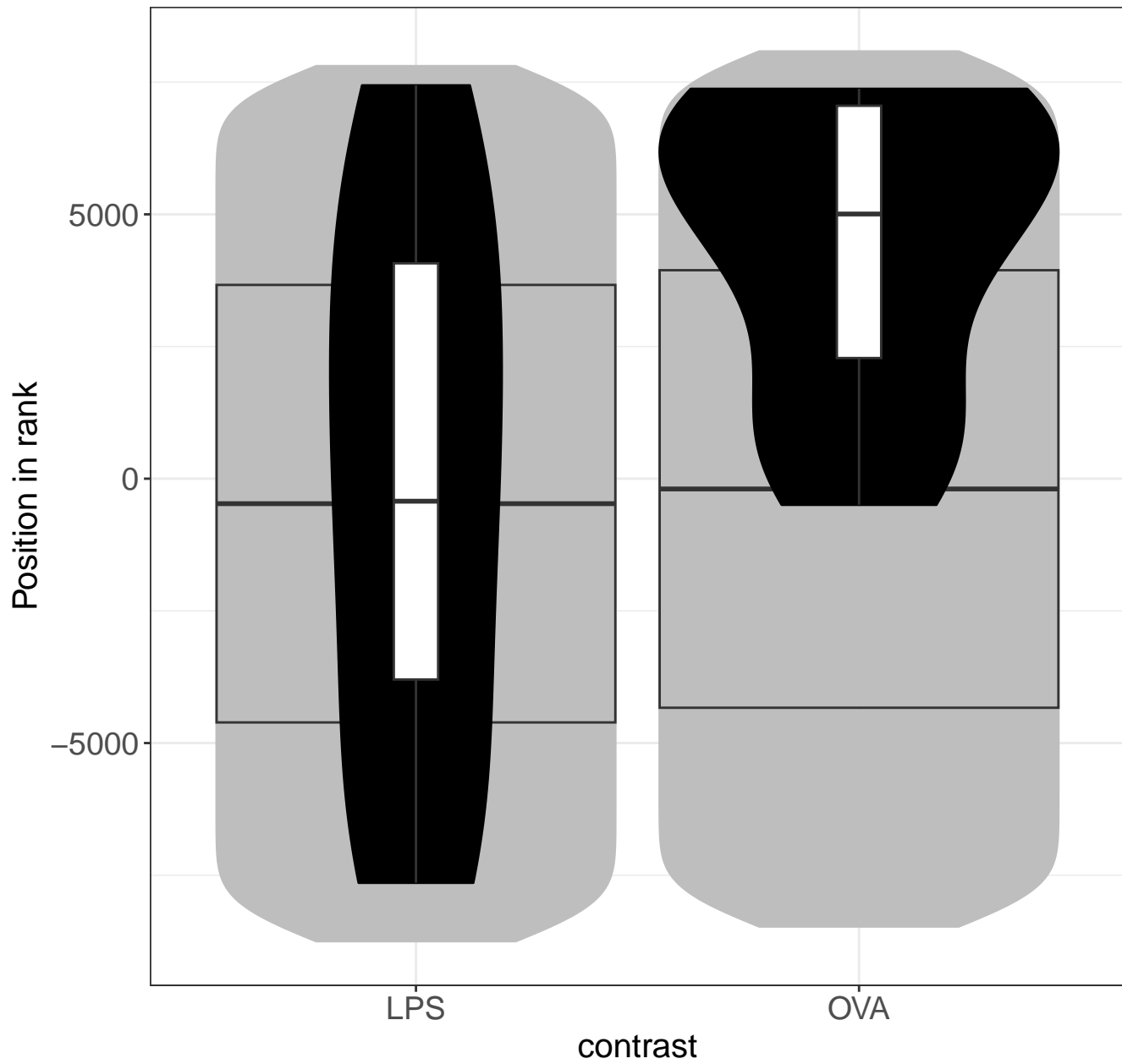
NUCLEOTIDE LIKE PURINERGIC RECEPTORS



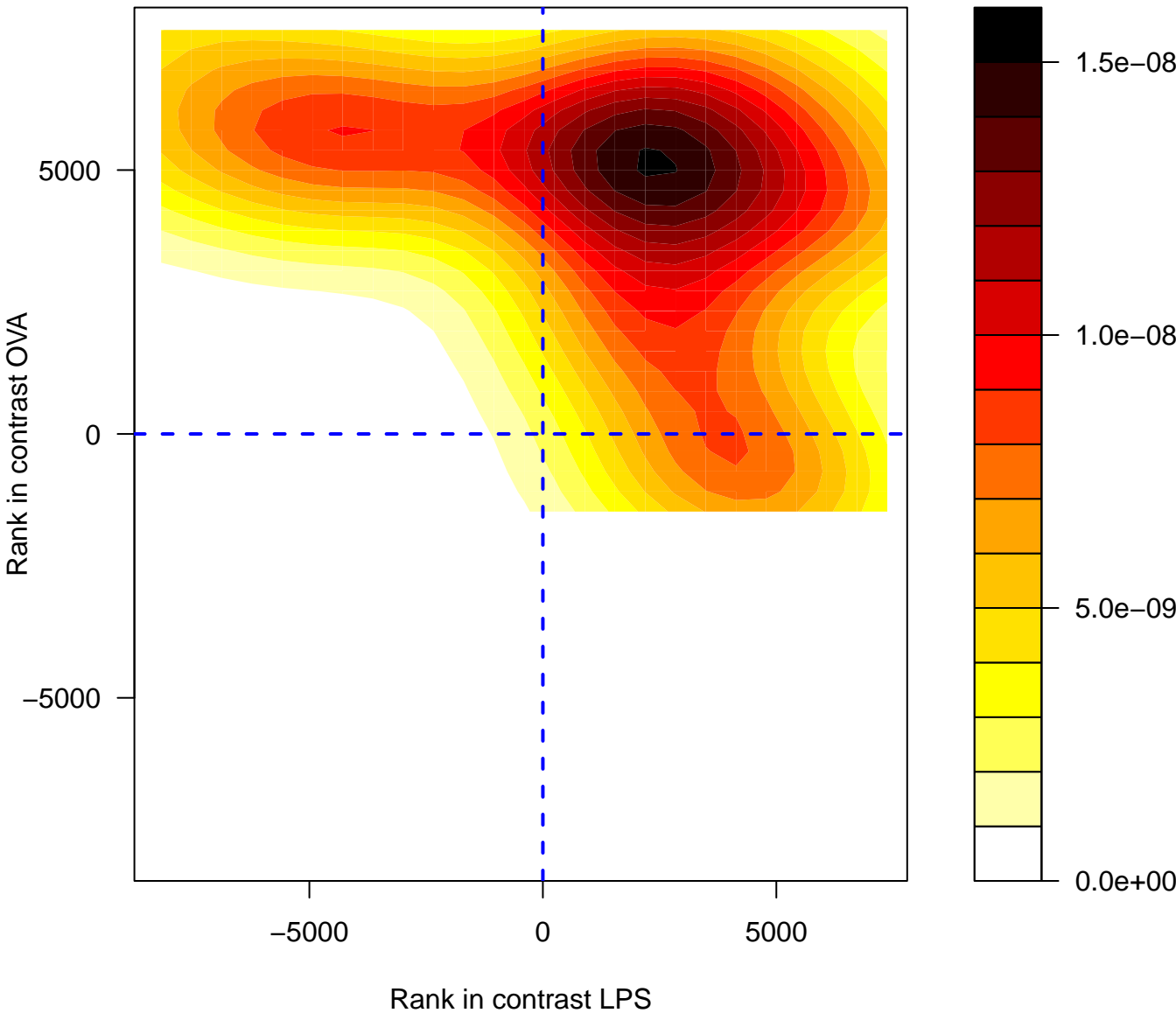
NUCLEOTIDE LIKE PURINERGIC RECEPTORS



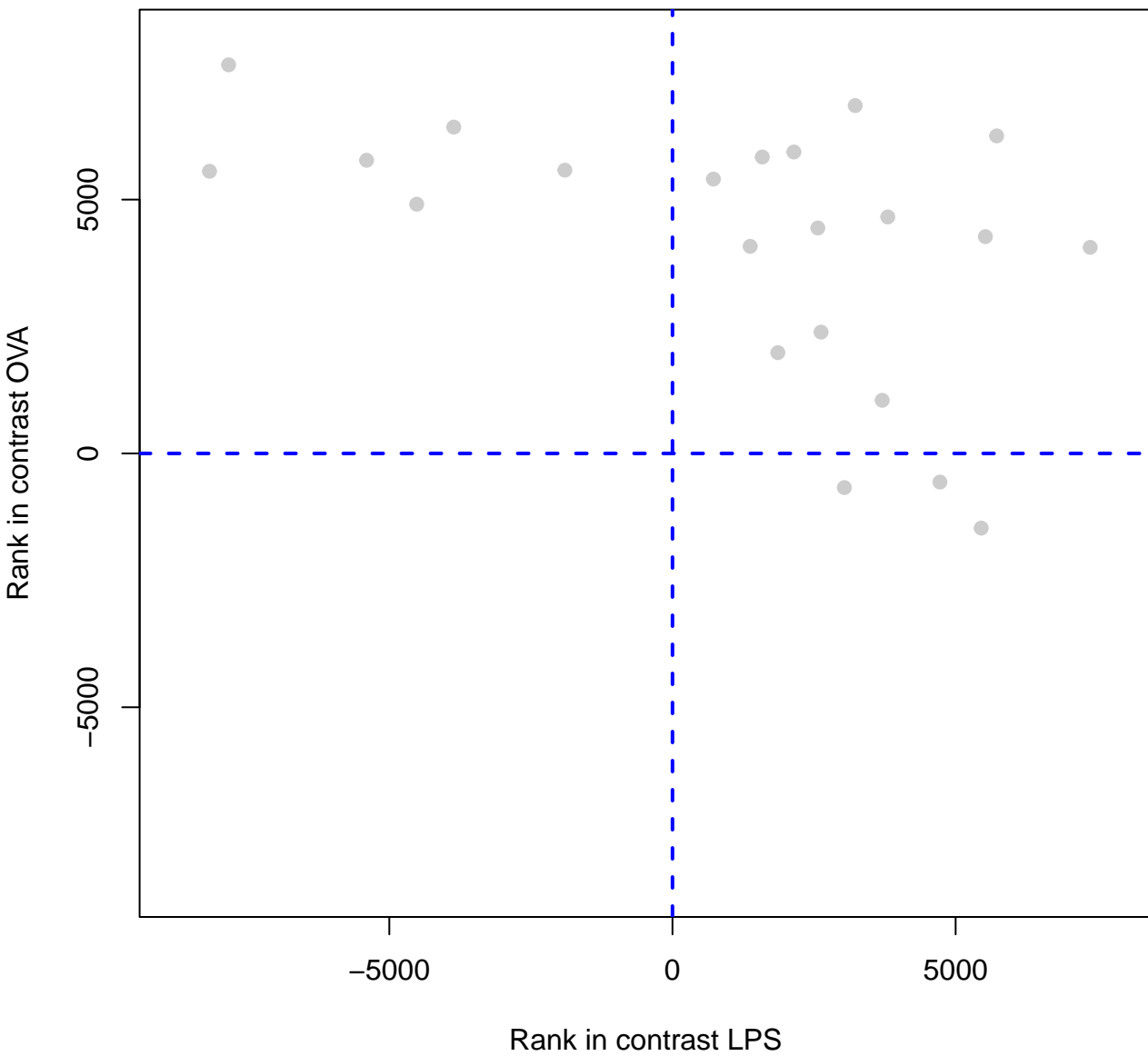
NUCLEOTIDE LIKE PURINERGIC RECEPTORS



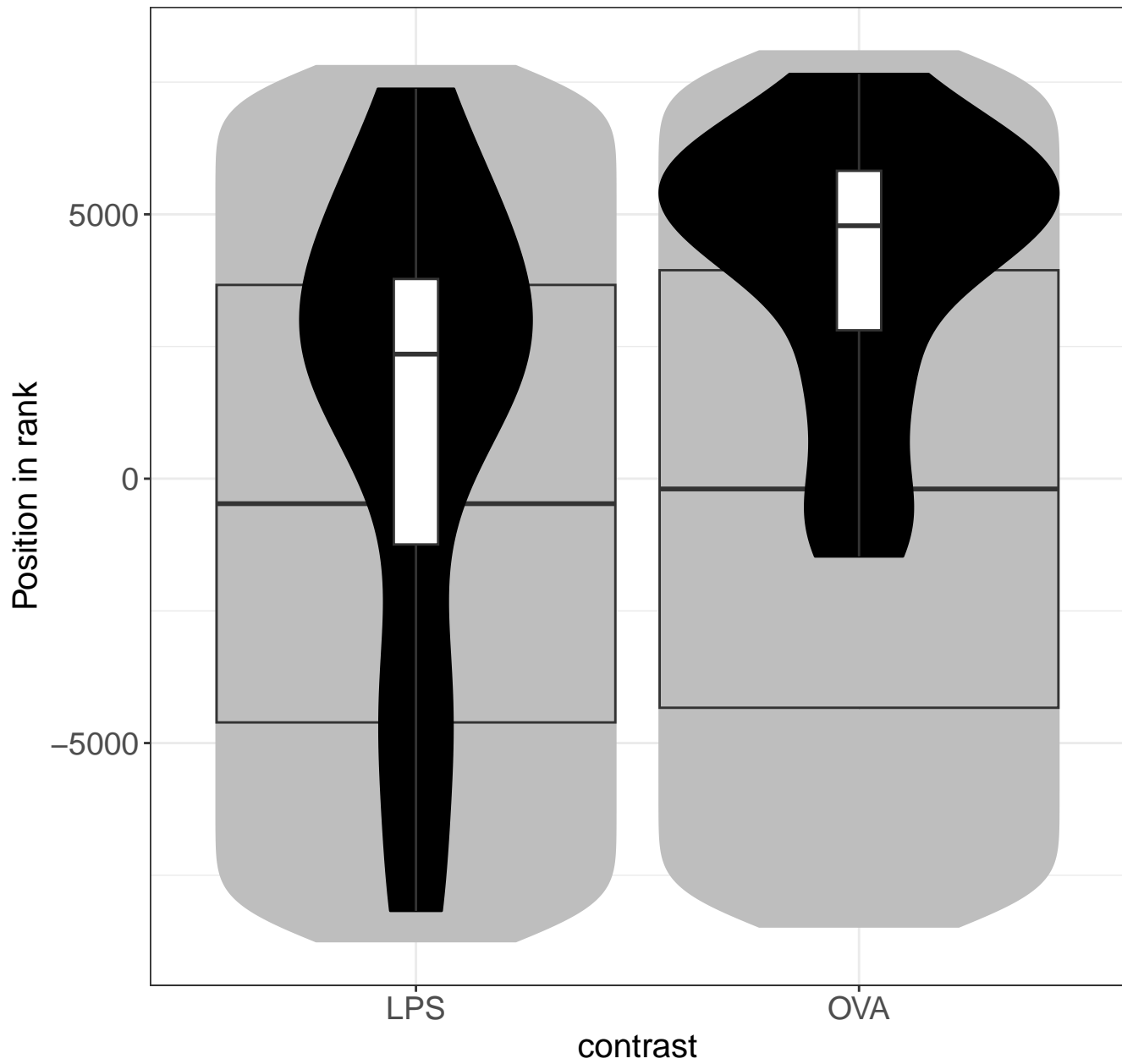
PINK1 PRKN MEDIATED MITOPHAGY



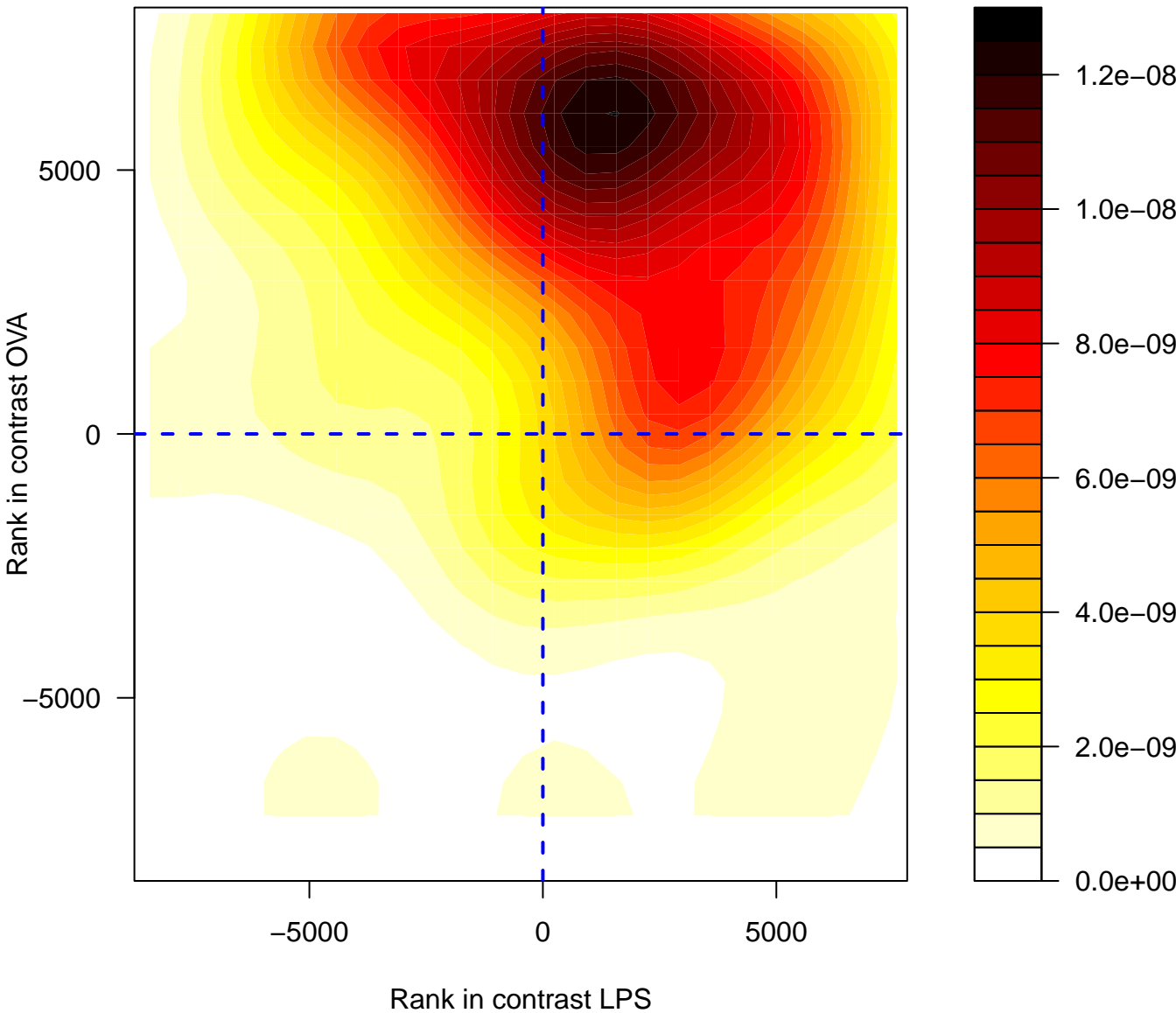
PINK1 PRKN MEDIATED MITOPHAGY



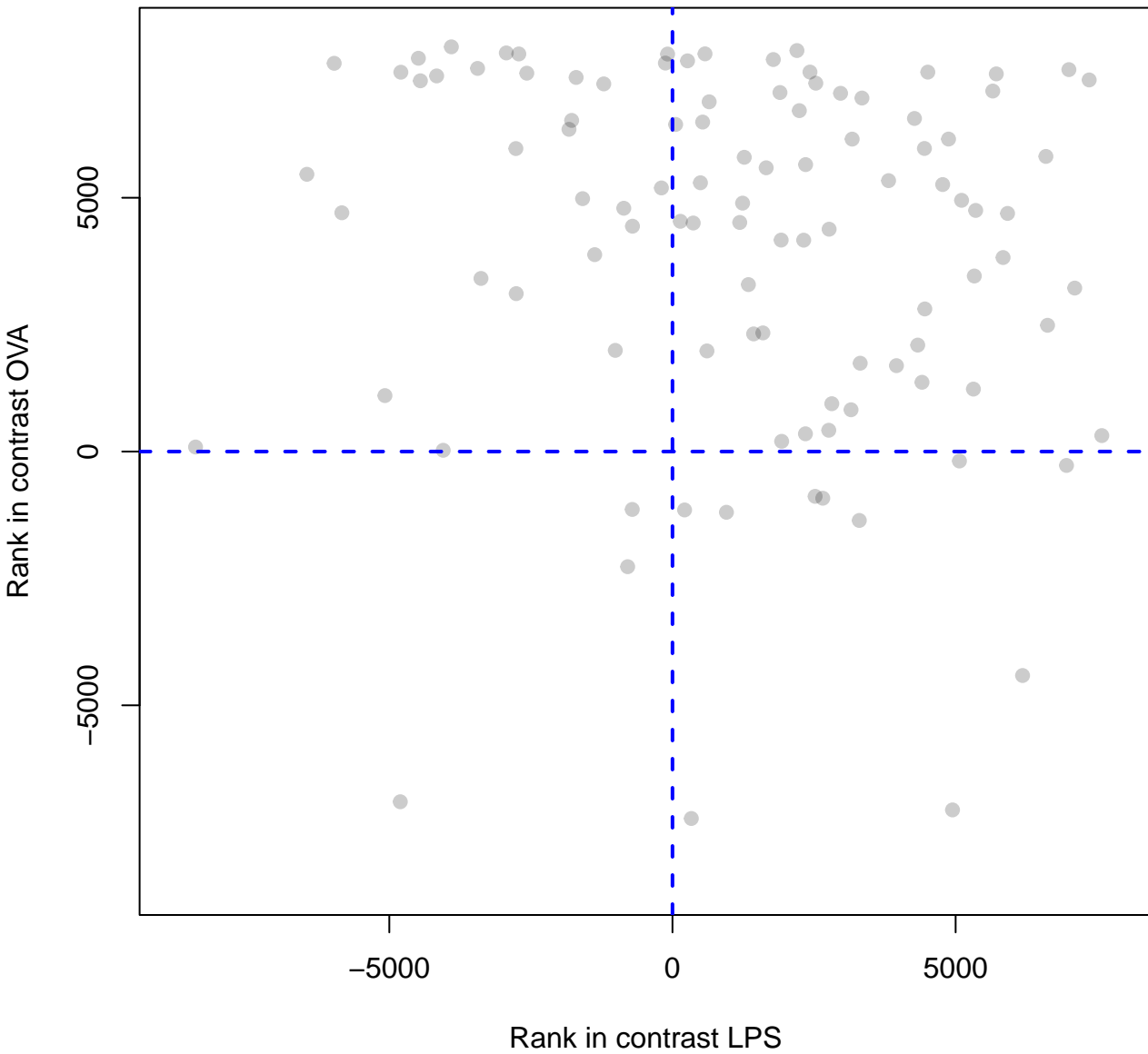
PINK1 PRKN MEDIATED MITOPHAGY



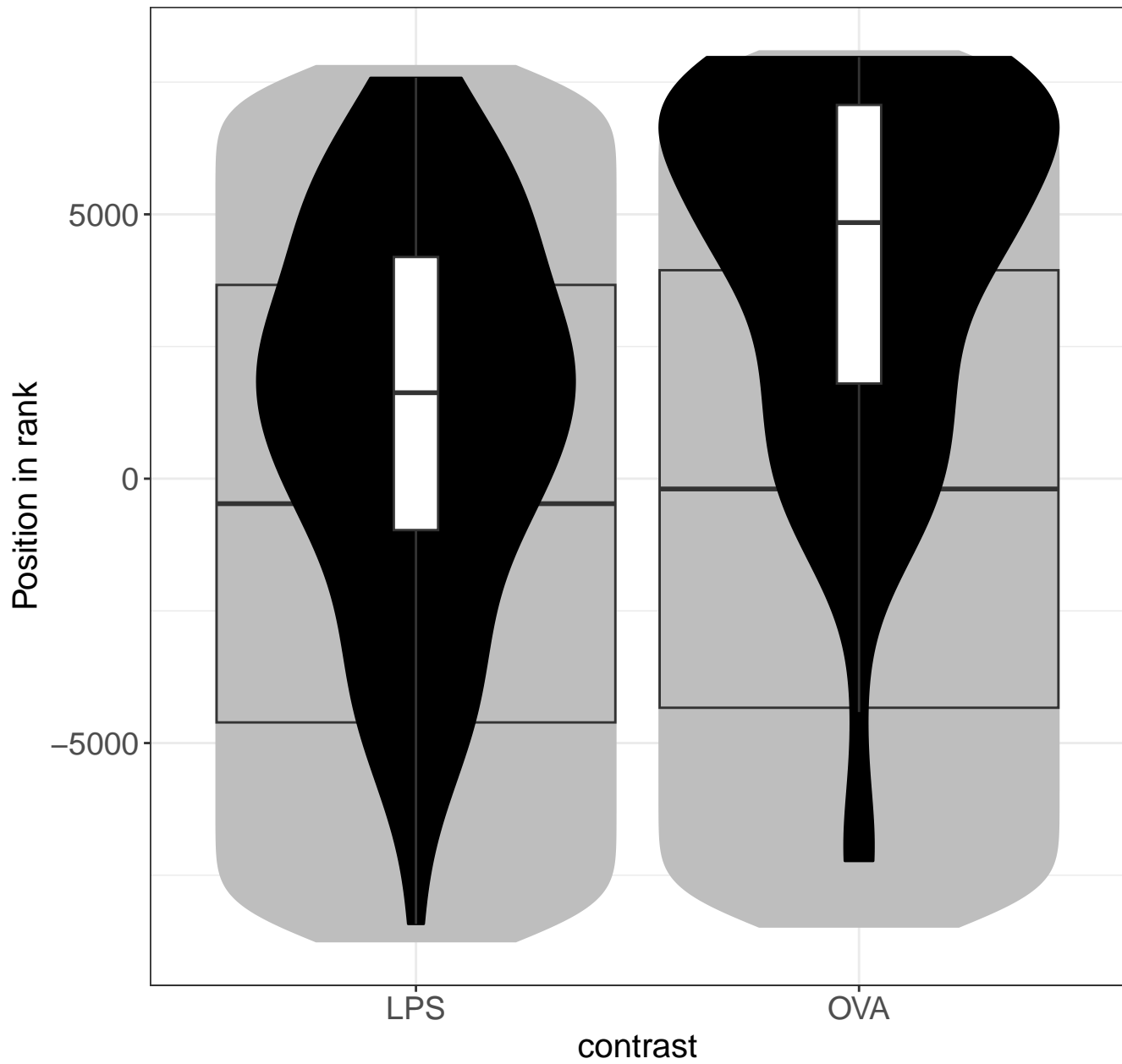
RESPIRATORY ELECTRON TRANSPORT



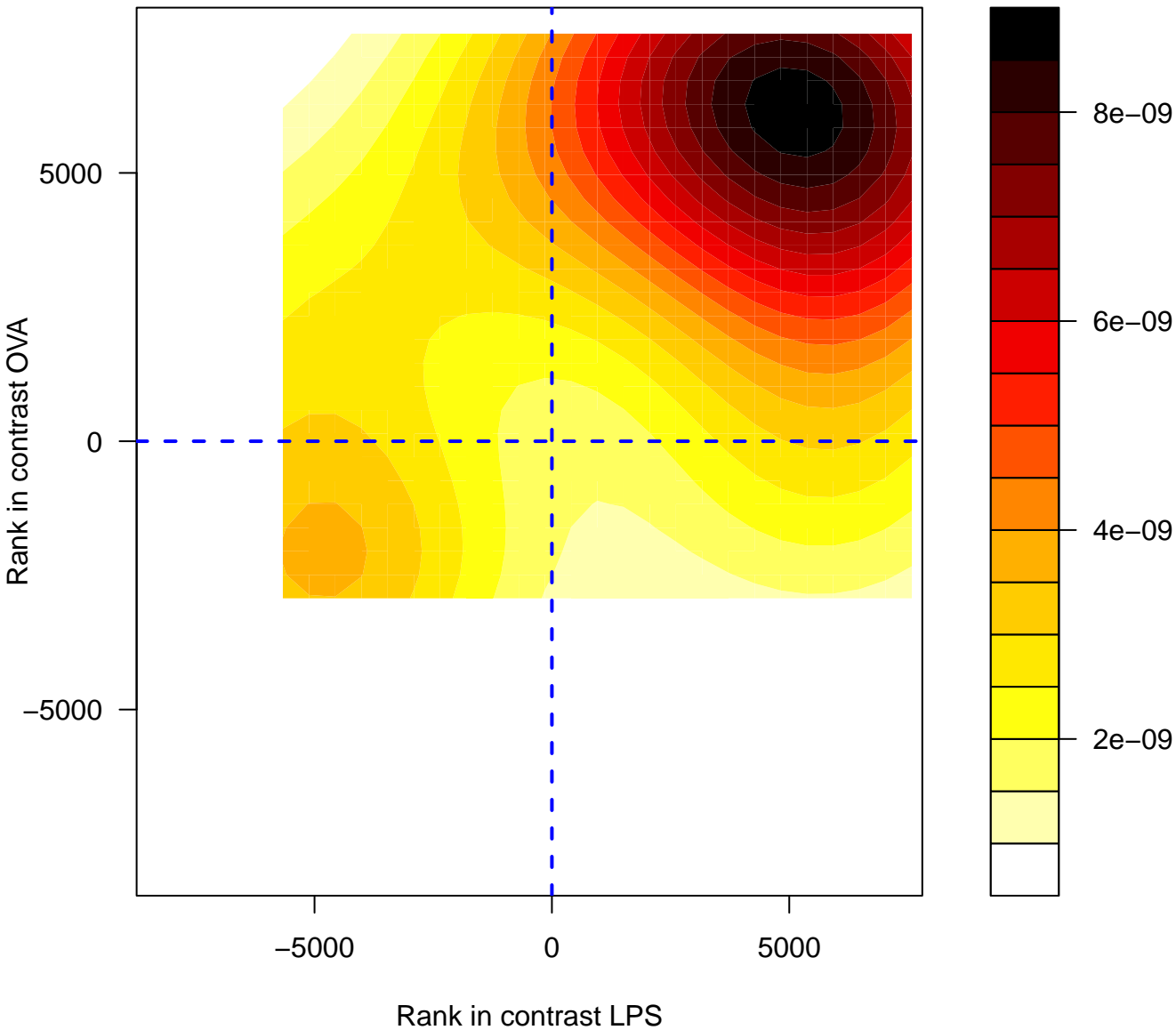
RESPIRATORY ELECTRON TRANSPORT



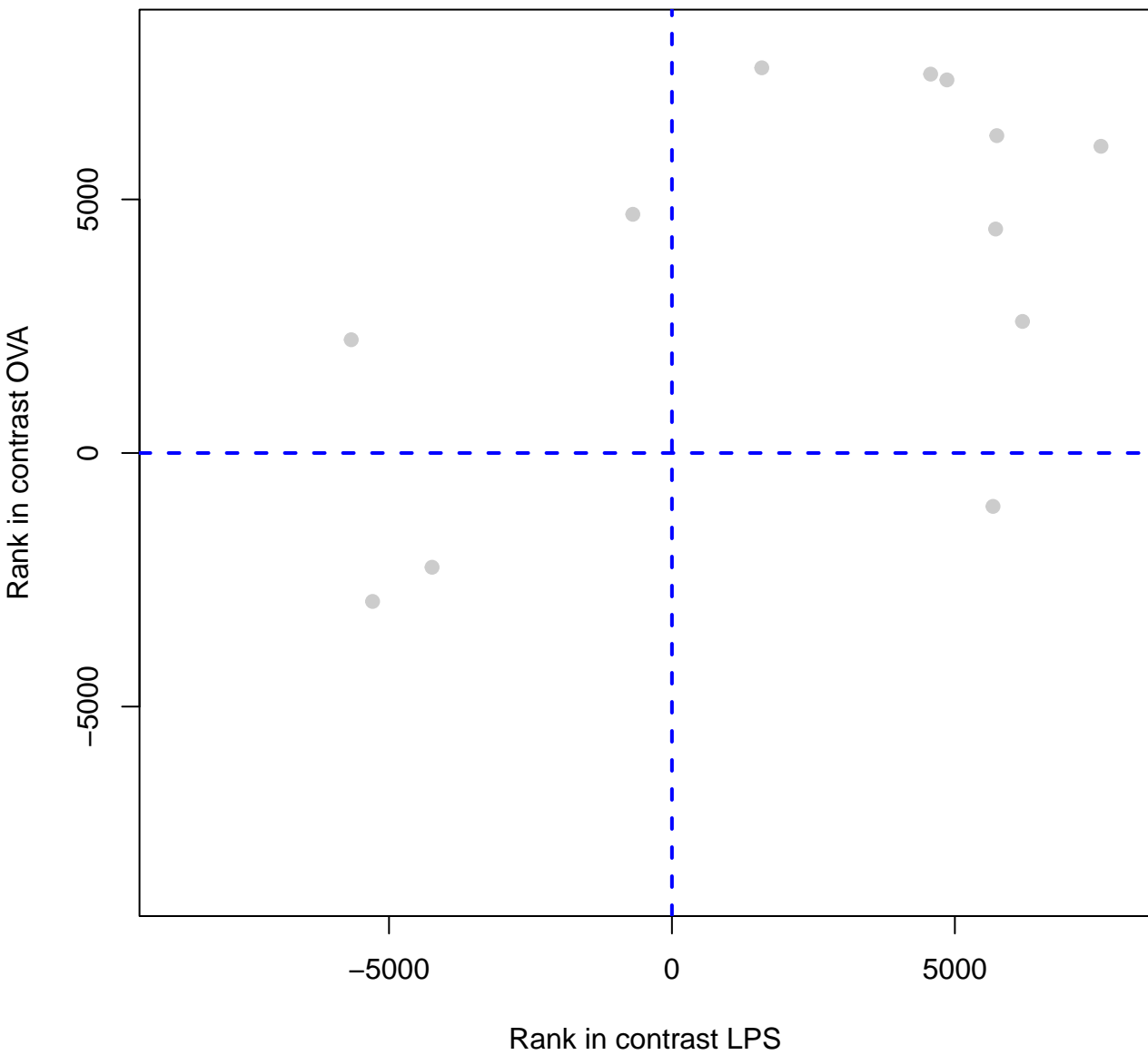
RESPIRATORY ELECTRON TRANSPORT



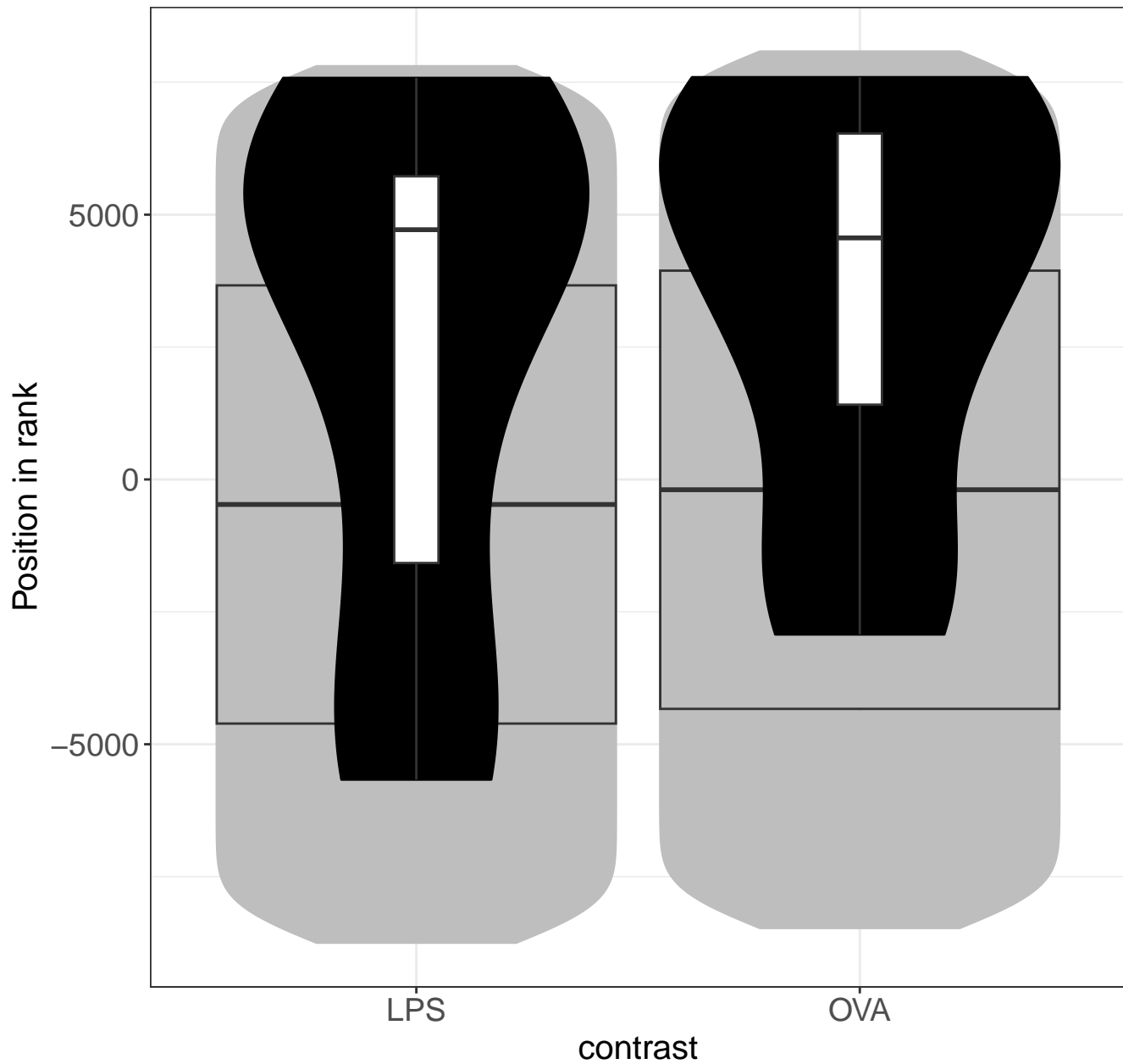
ANALYSIS OF BILE ACIDS AND BILE SALTS VIA 7ALPHA HYDROXY...



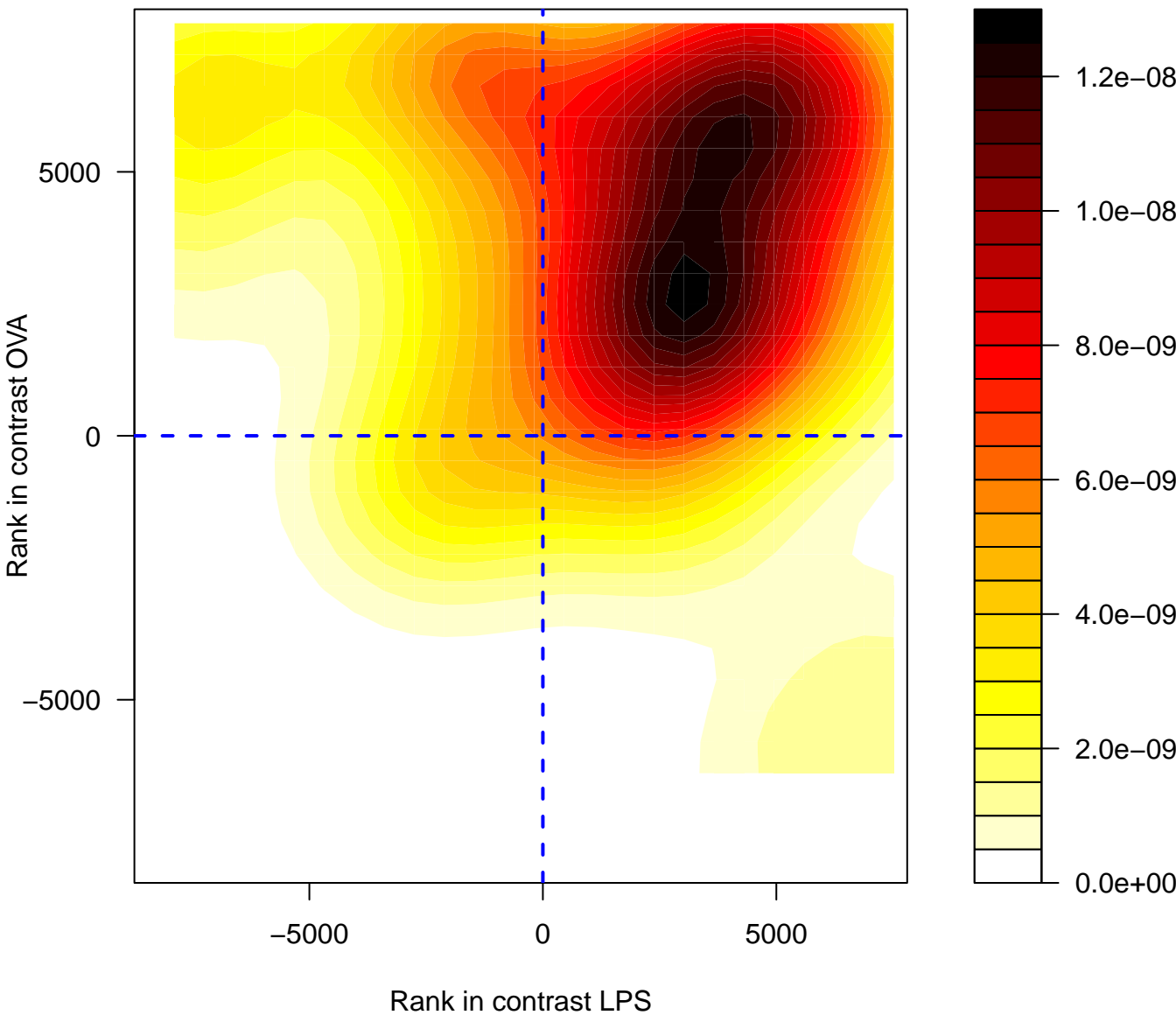
ANTHESIS OF BILE ACIDS AND BILE SALTS VIA 7ALPHA HYDROXYCHOLES



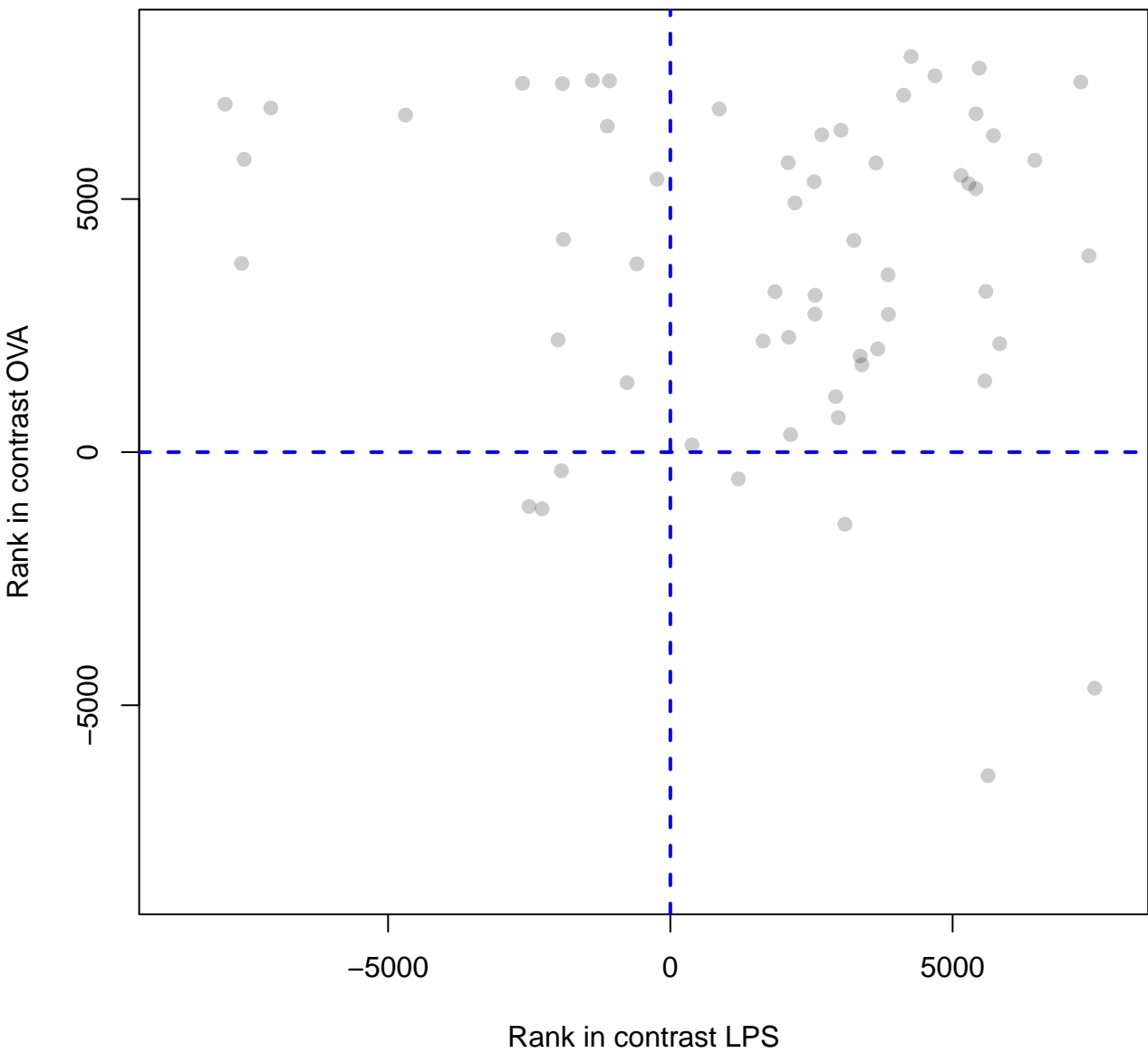
SYNTHESIS OF BILE ACIDS AND BILE SALTS V



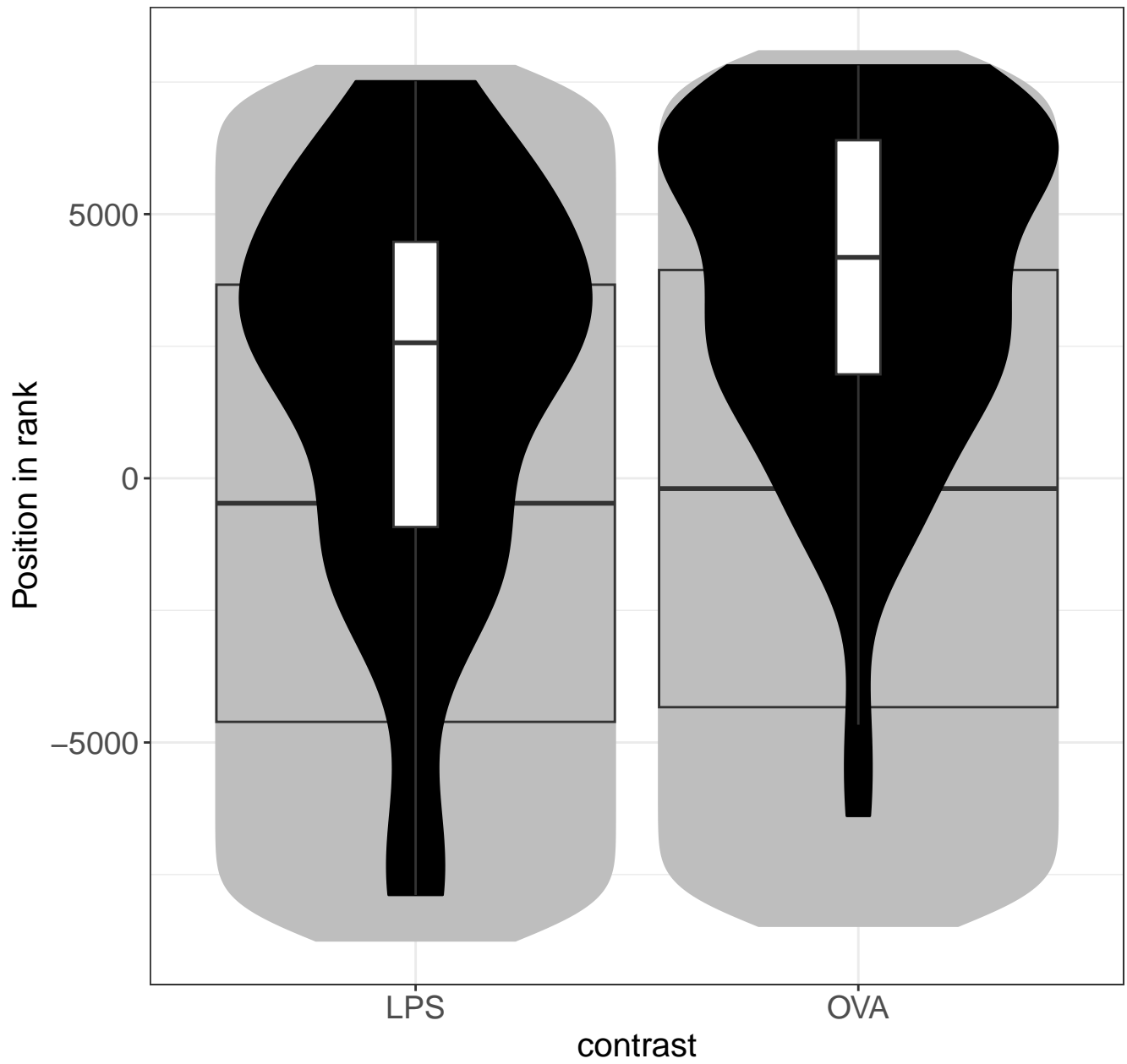
UPON BINDING OF THE CAP BINDING COMPLEX AND EIFS A



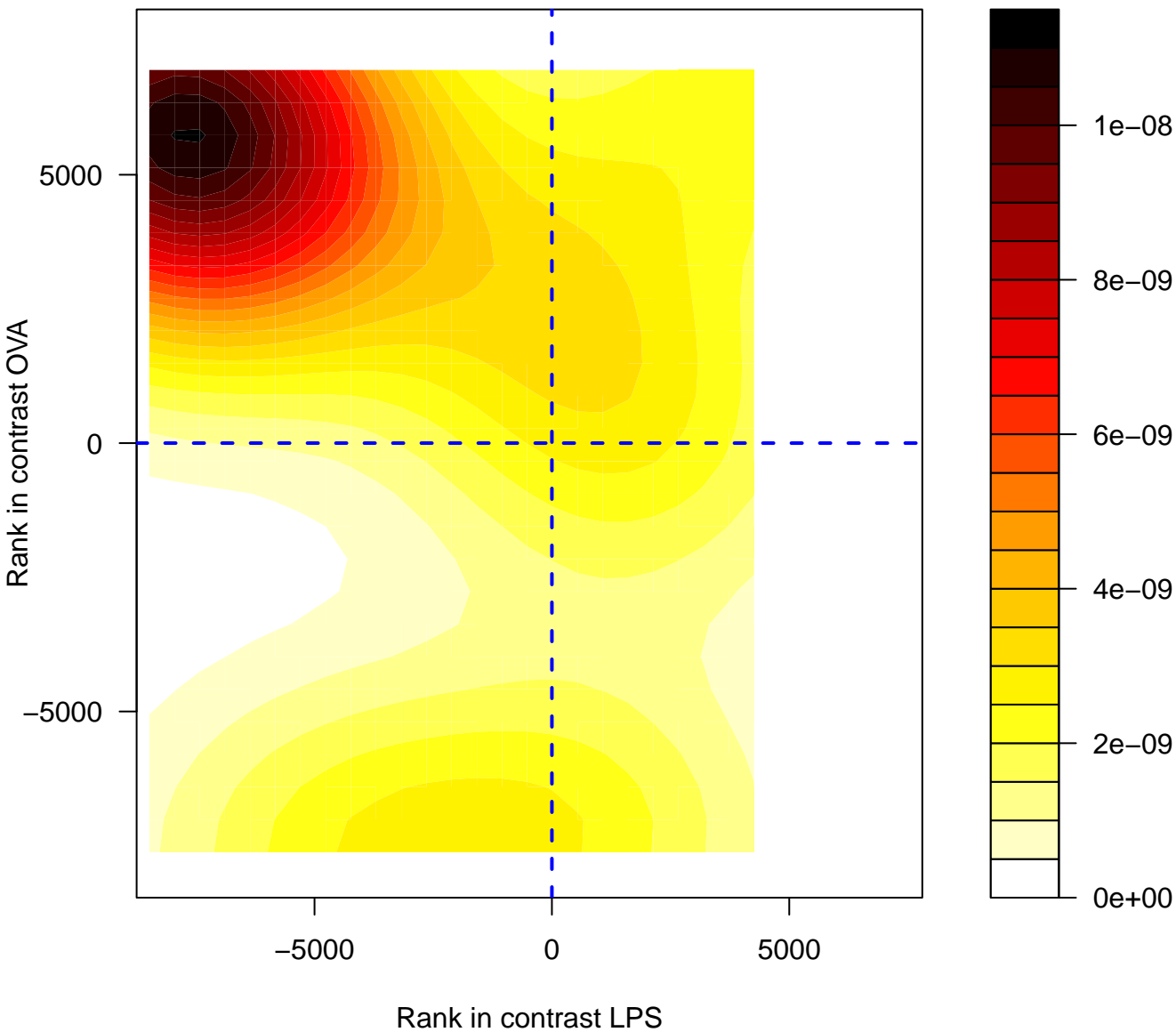
IRNA UPON BINDING OF THE CAP BINDING COMPLEX AND EIFS AND SUBS



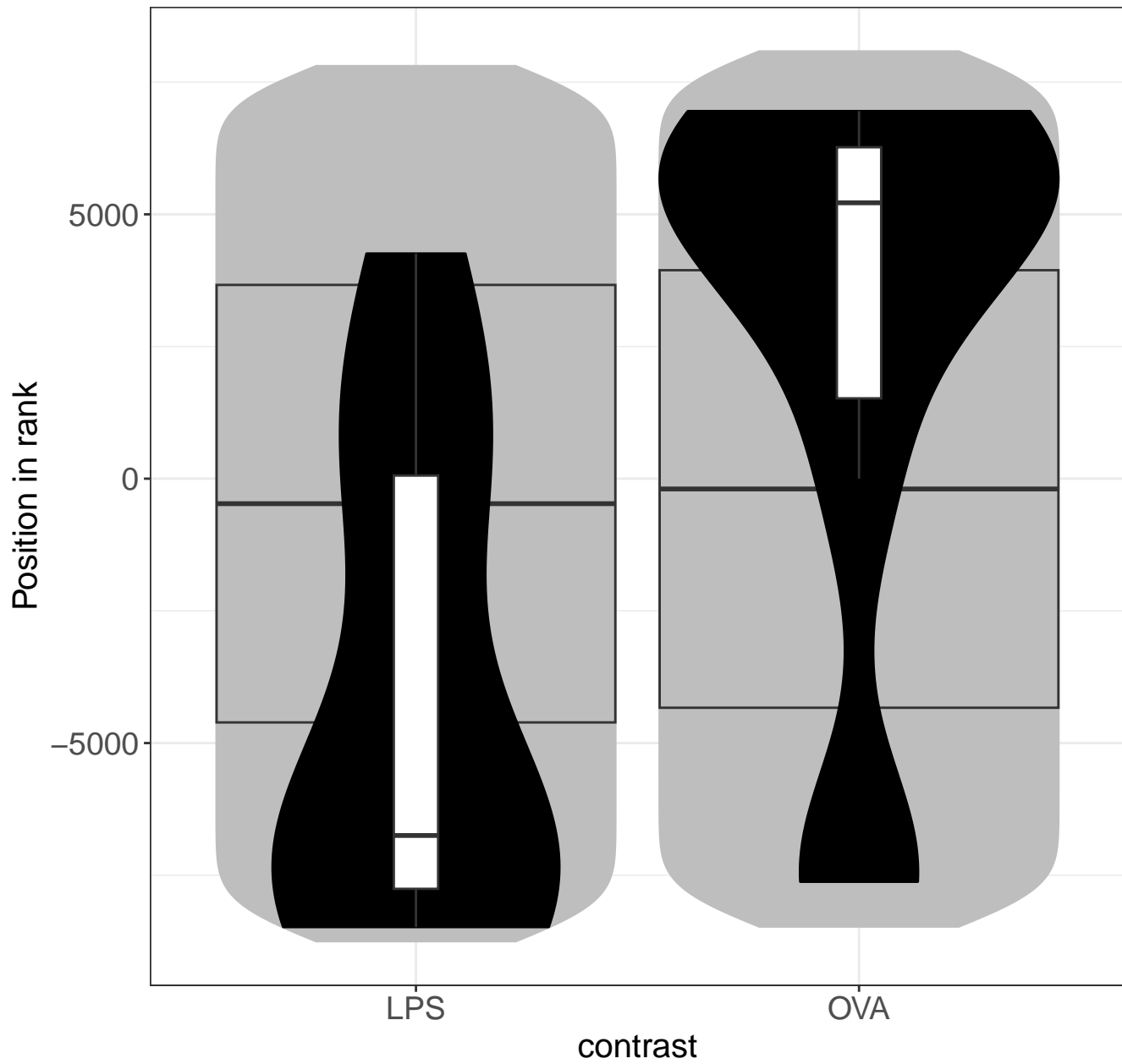
ACTIVATION OF THE MRNA UPON BINDING OF



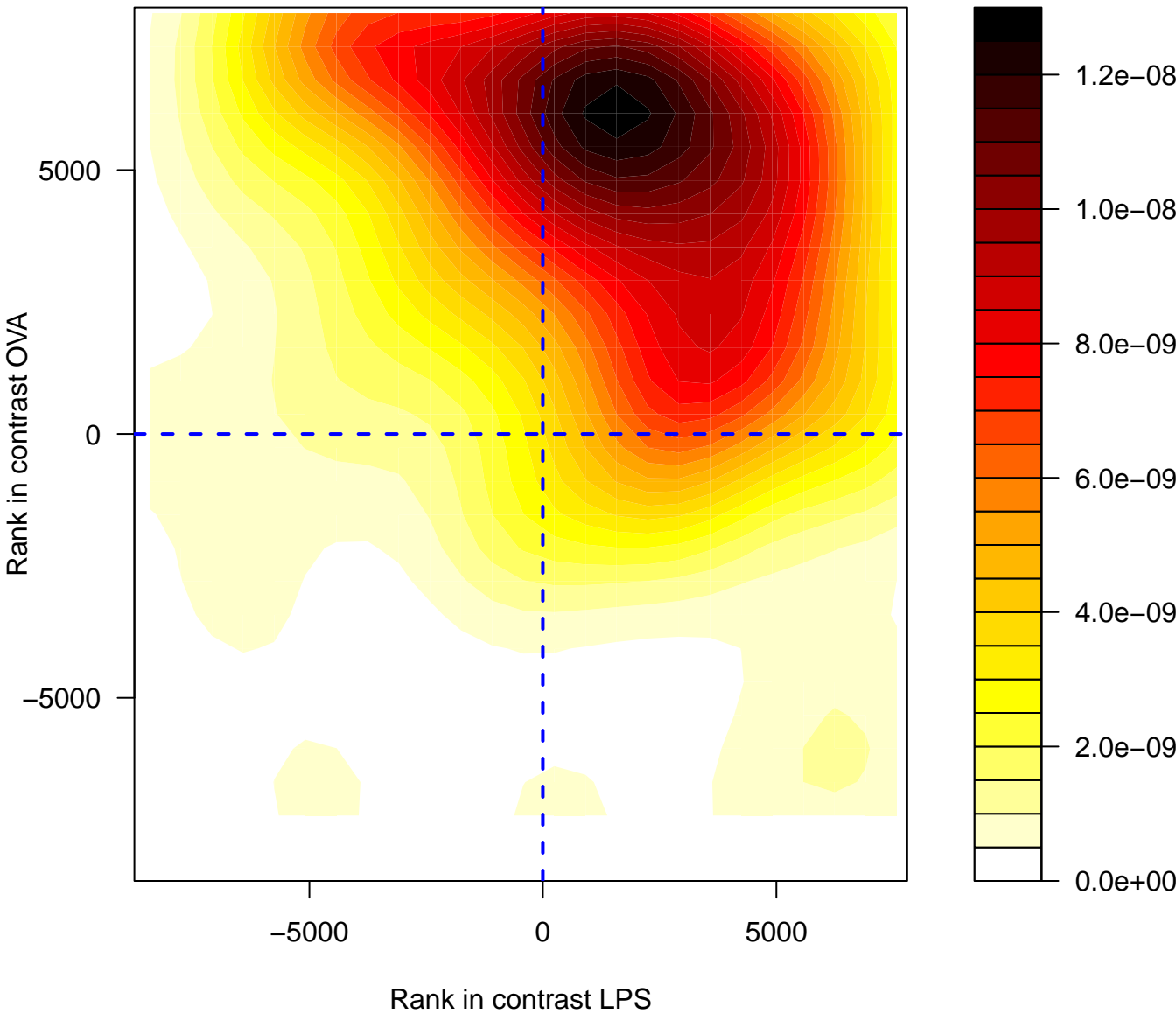
HOSPHORYLATION THROUGH THE ACTIVATION OF ADENYI



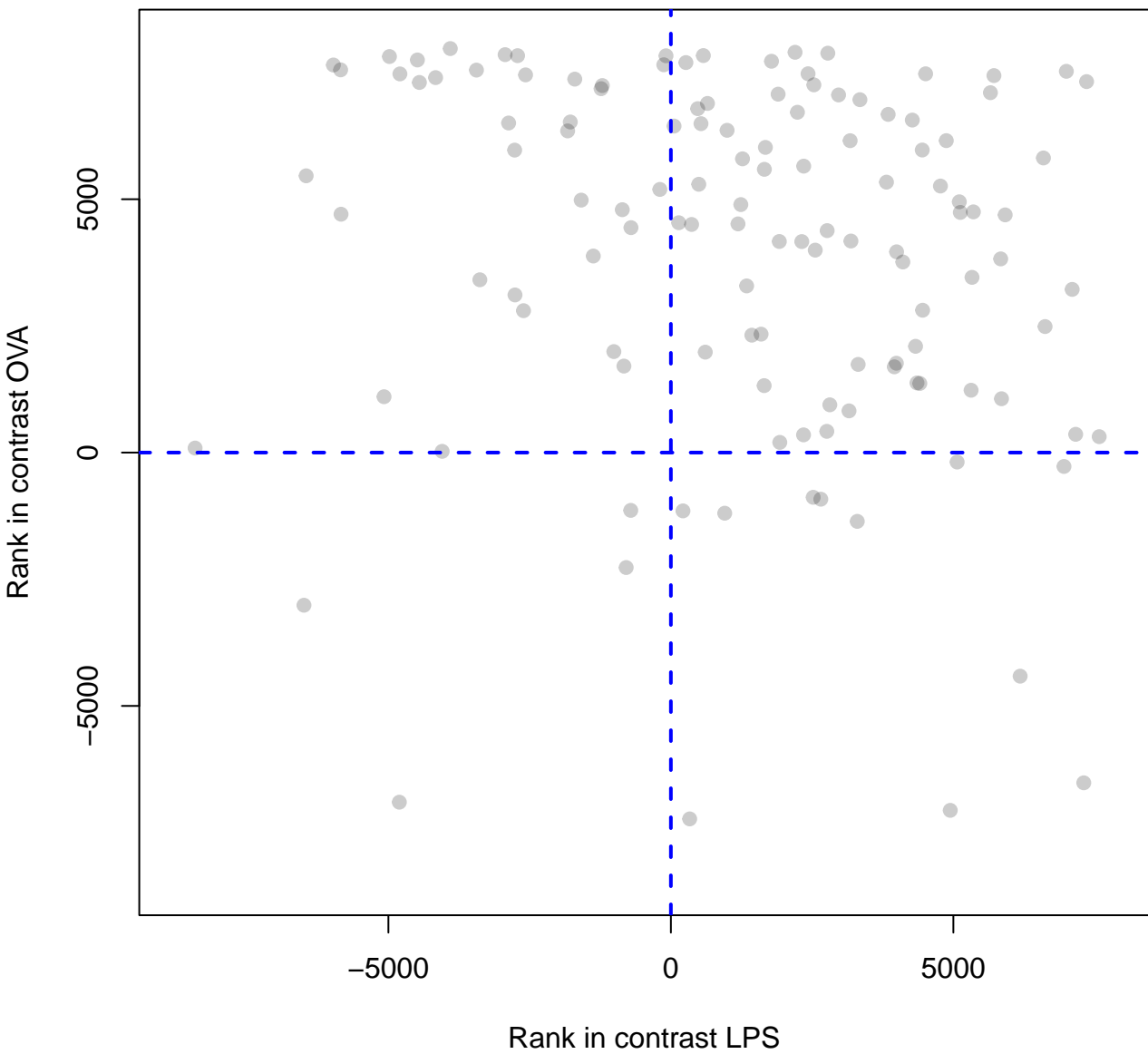
CREB1 PHOSPHORYLATION THROUGH THE A



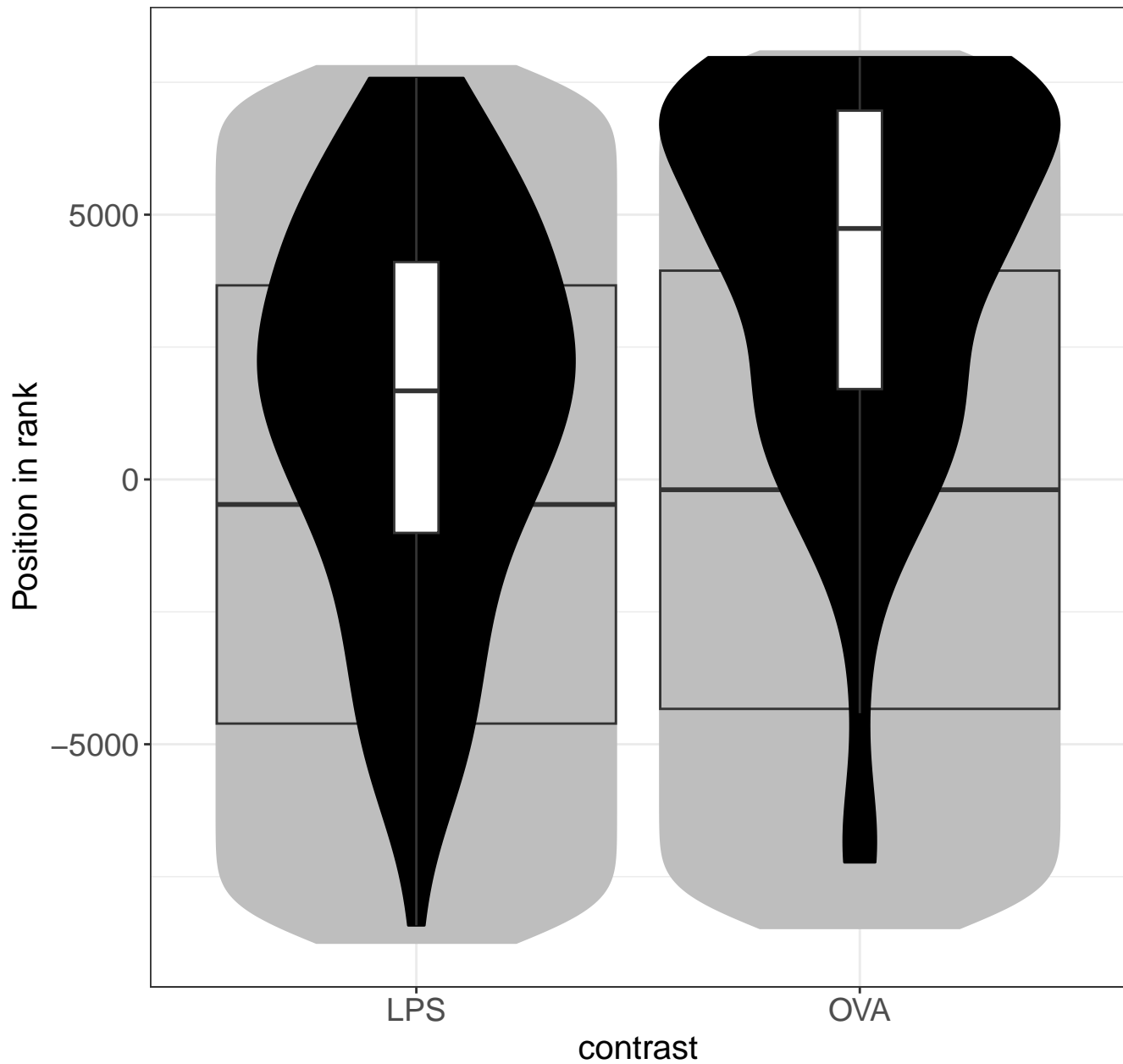
T ATP SYNTHESIS BY CHEMIOSMOTIC COUPLING AND HEA



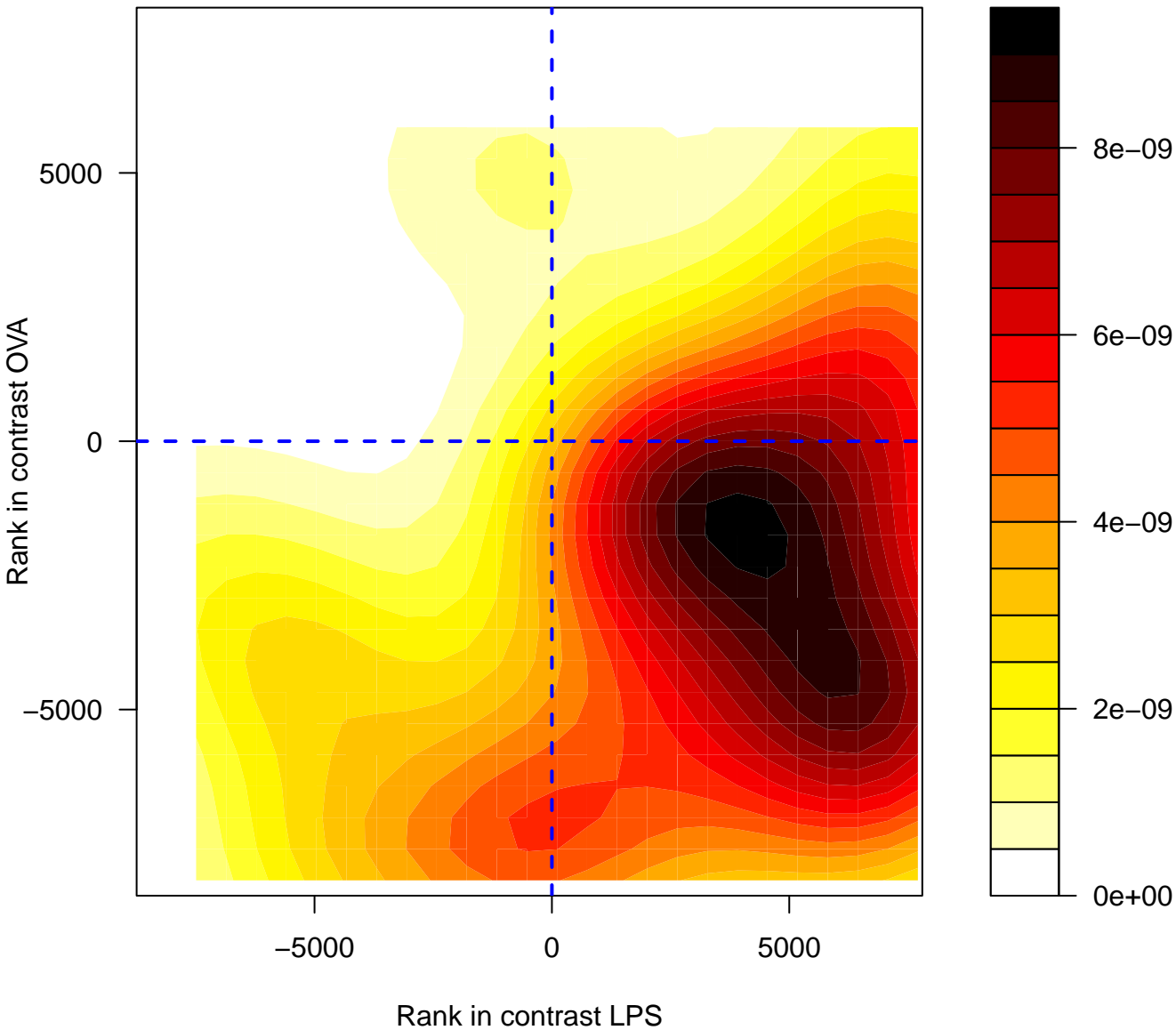
TRANSPORT ATP SYNTHESIS BY CHEMIOSMOTIC COUPLING AND HEAT PRODUCTION



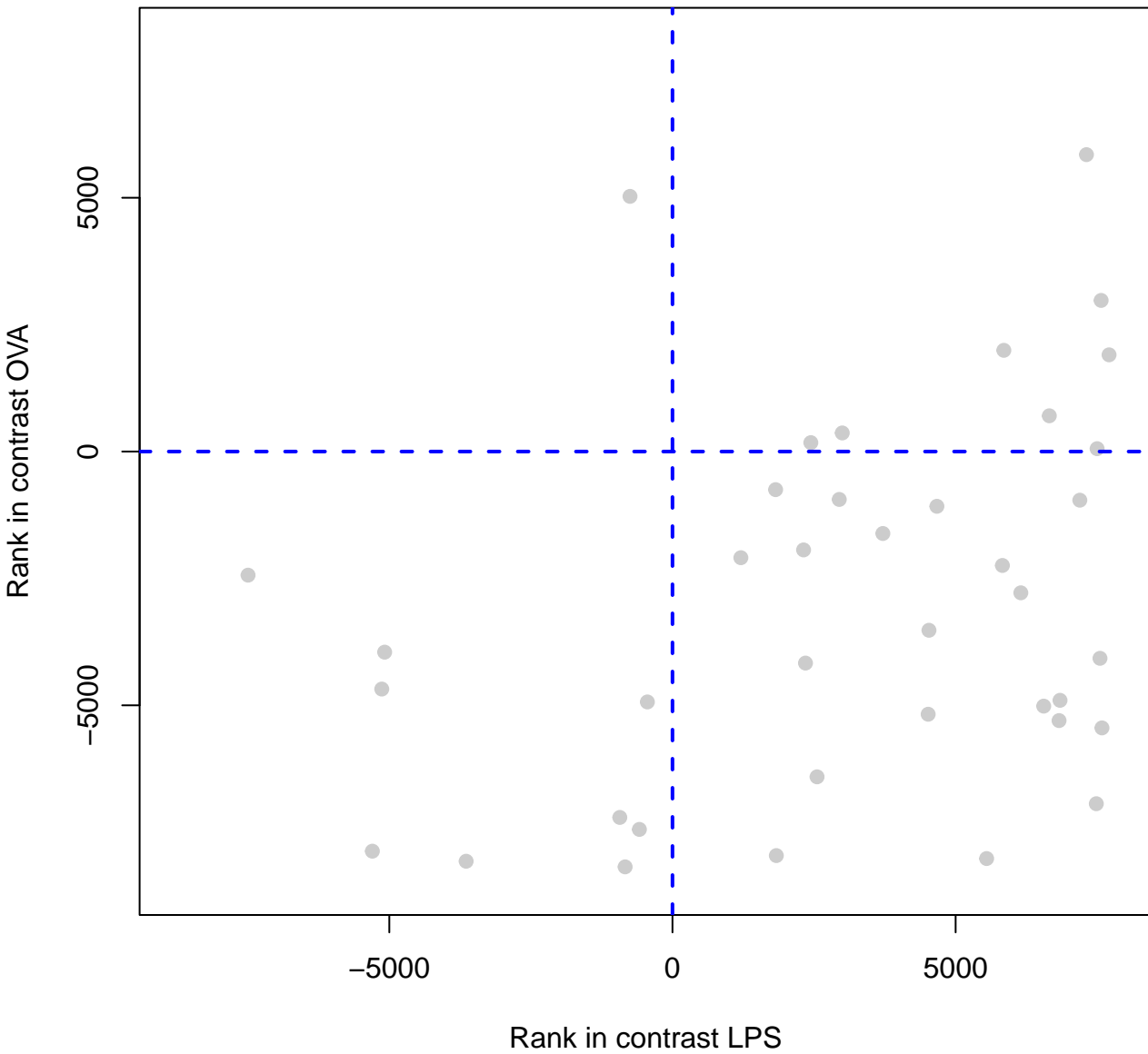
RESPIRATORY ELECTRON TRANSPORT ATP S



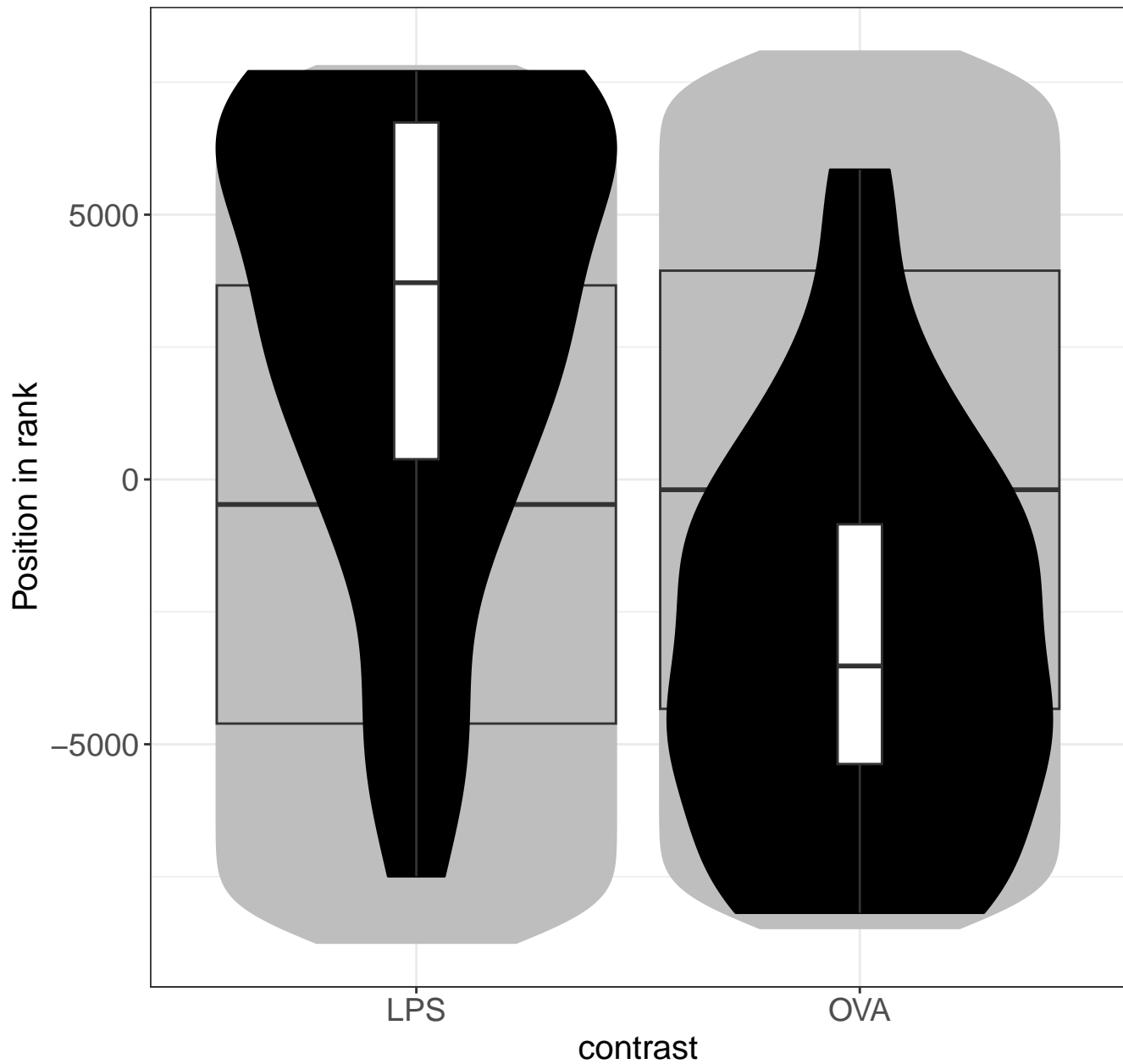
COLLAGEN CHAIN TRIMERIZATION



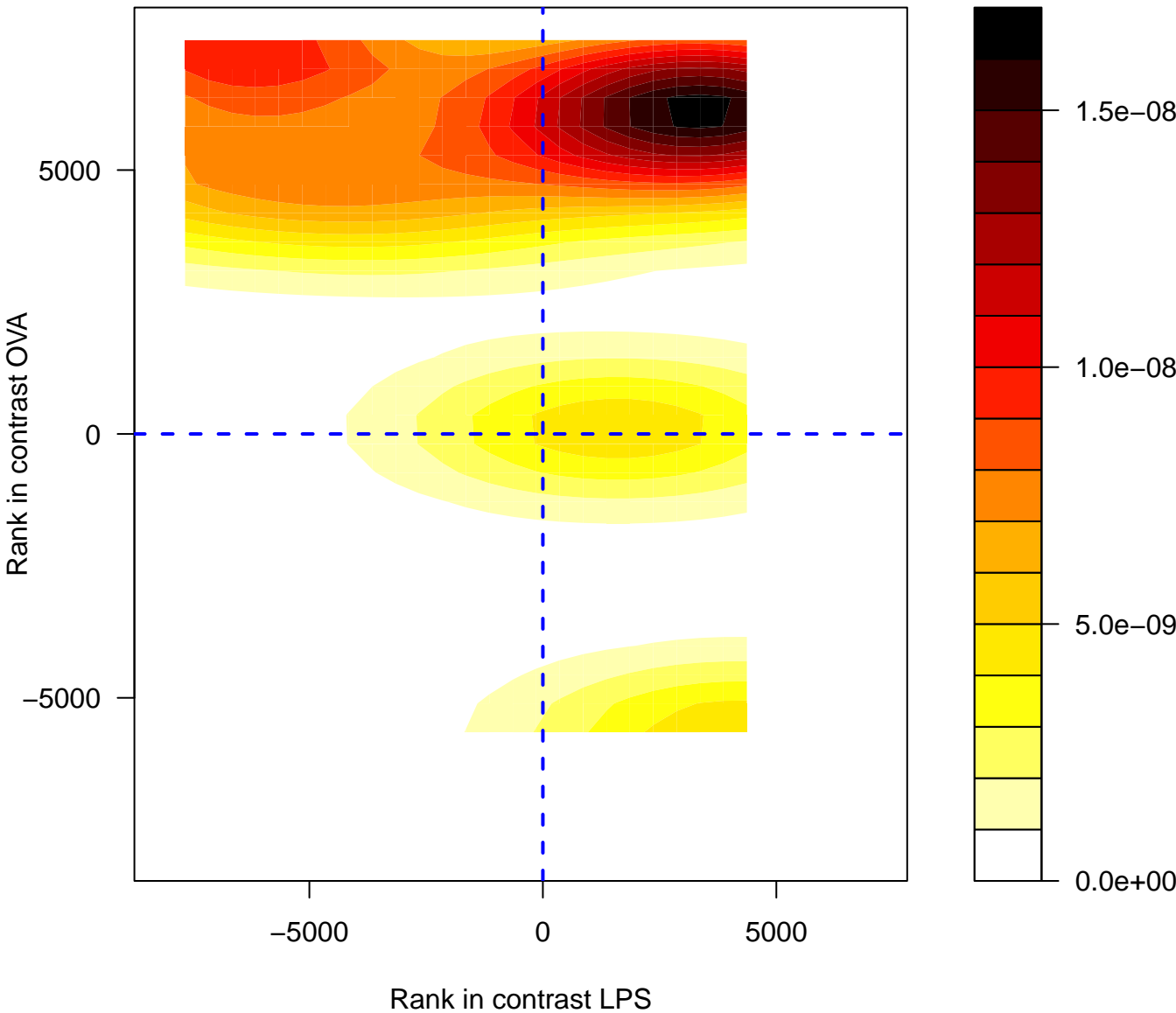
COLLAGEN CHAIN TRIMERIZATION



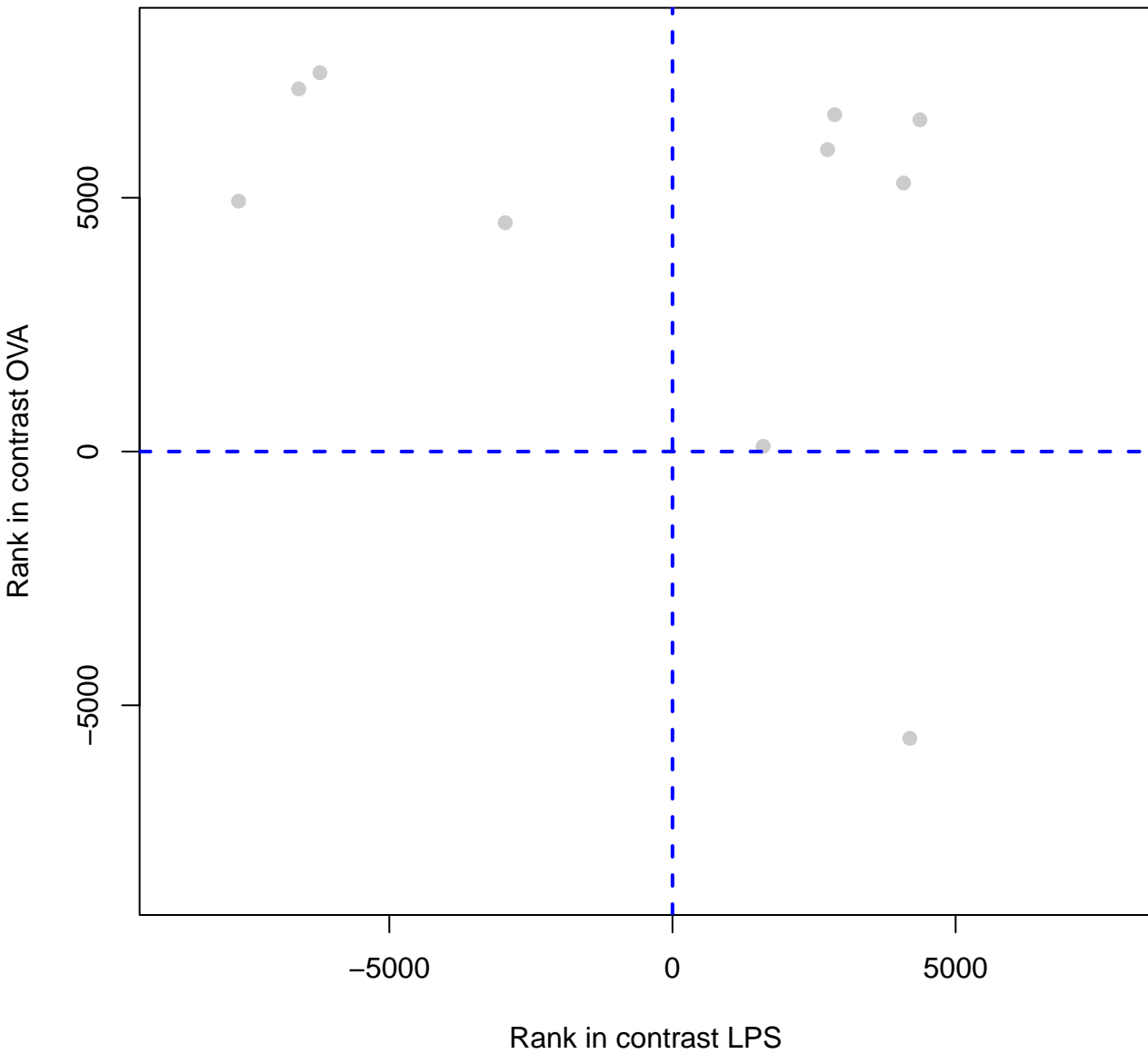
COLLAGEN CHAIN TRIMERIZATION



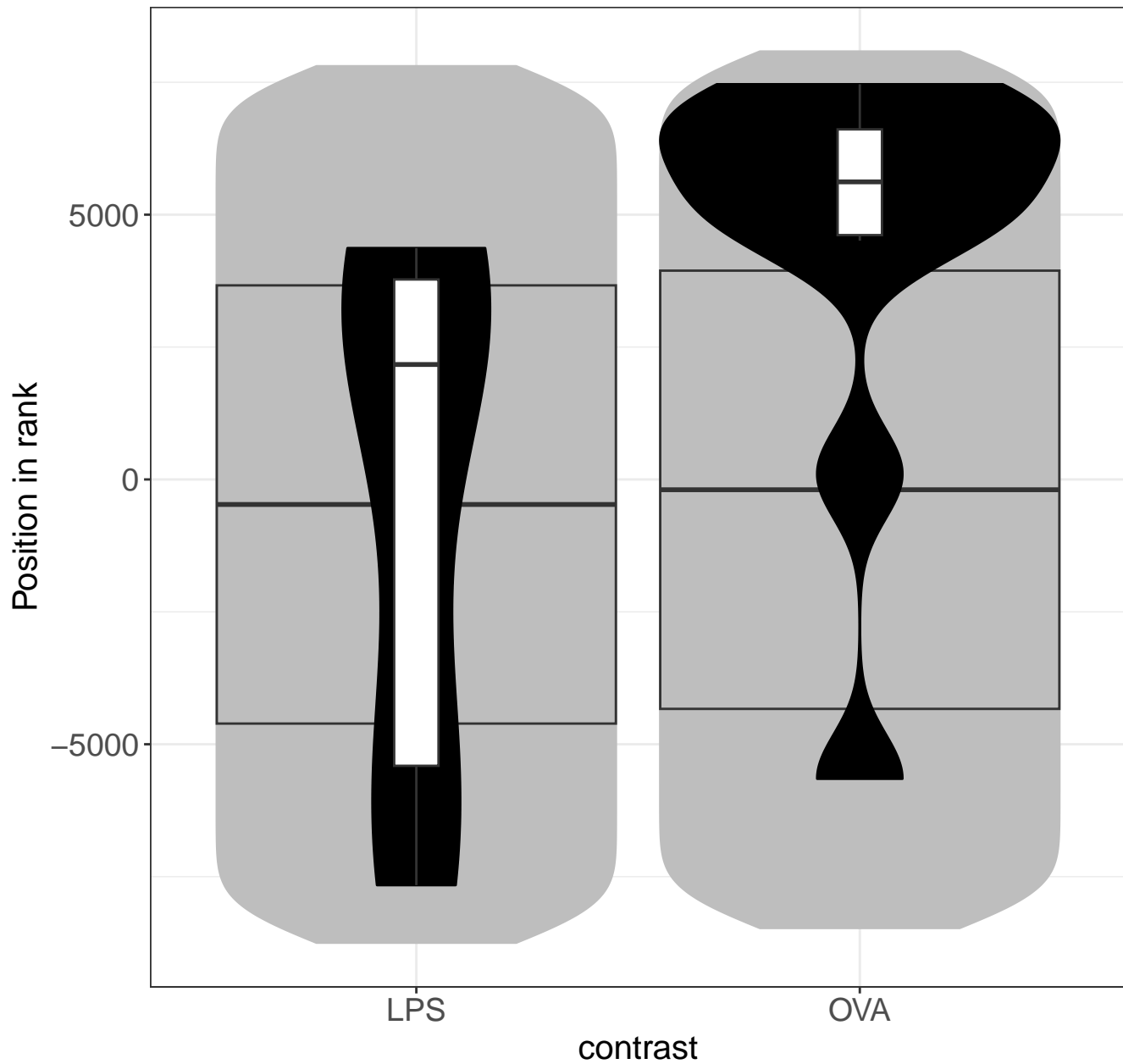
ASPARTATE AND ASPARAGINE METABOLISM



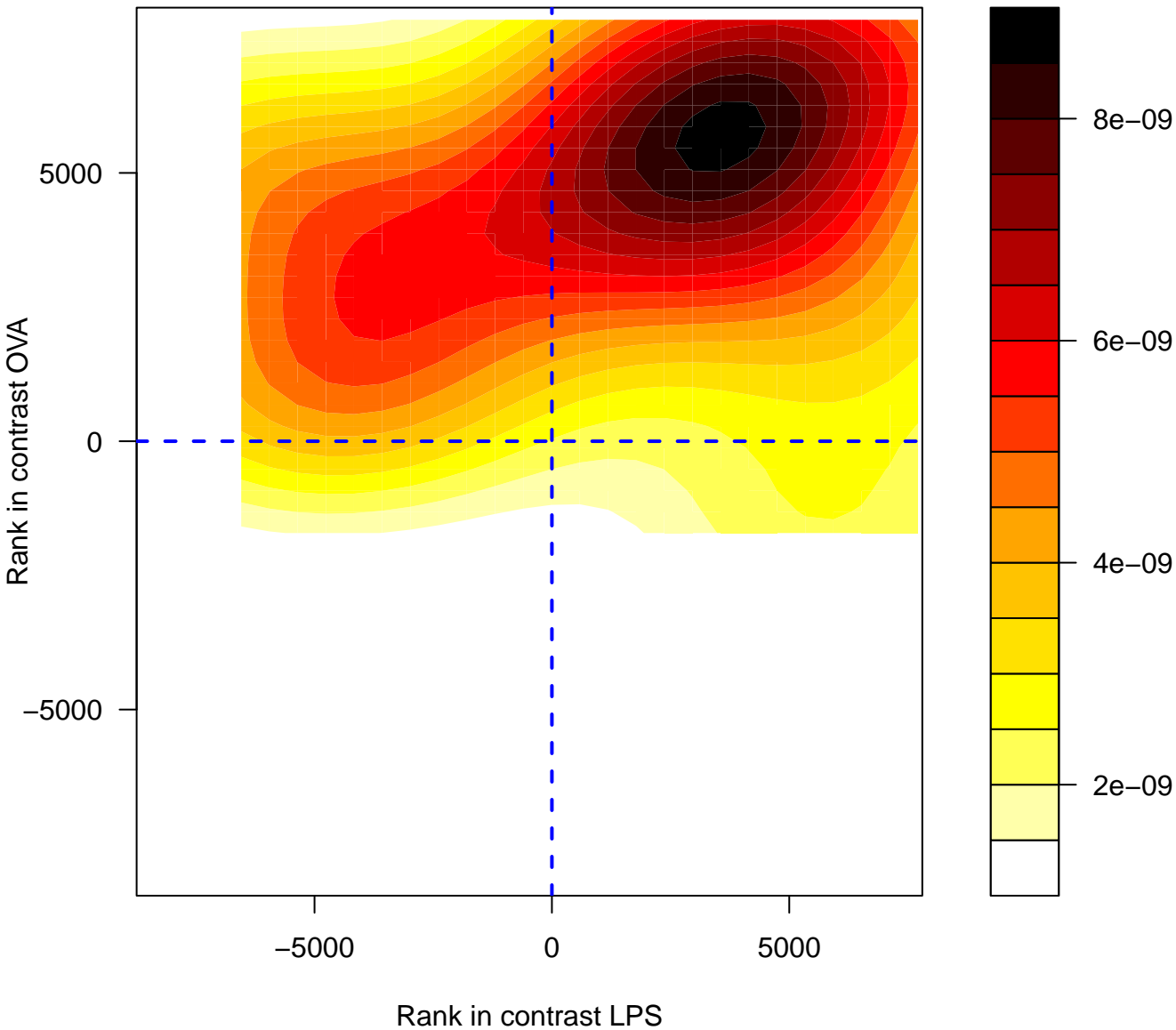
ASPARTATE AND ASPARAGINE METABOLISM



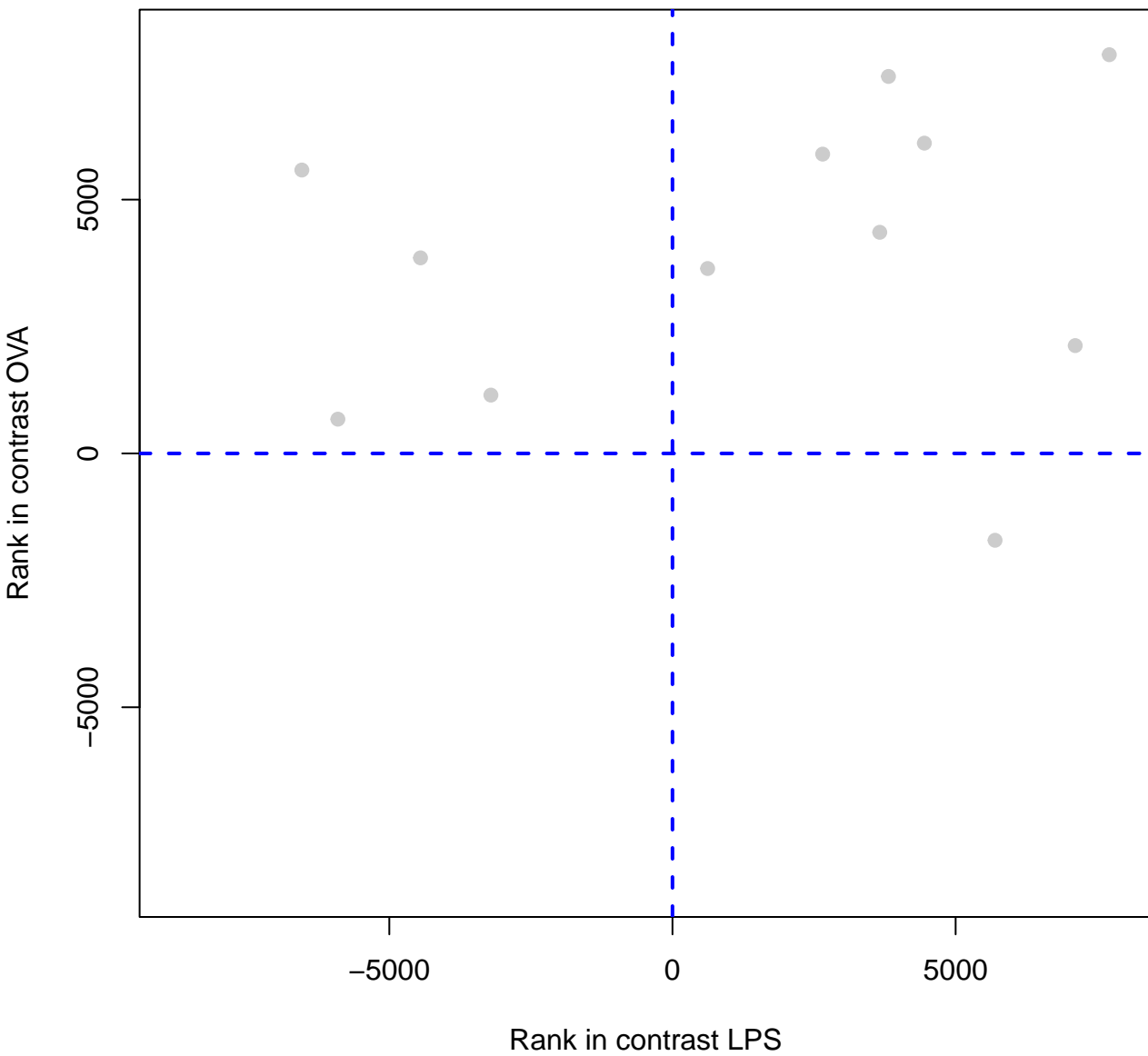
ASPARTATE AND ASPARAGINE METABOLISM



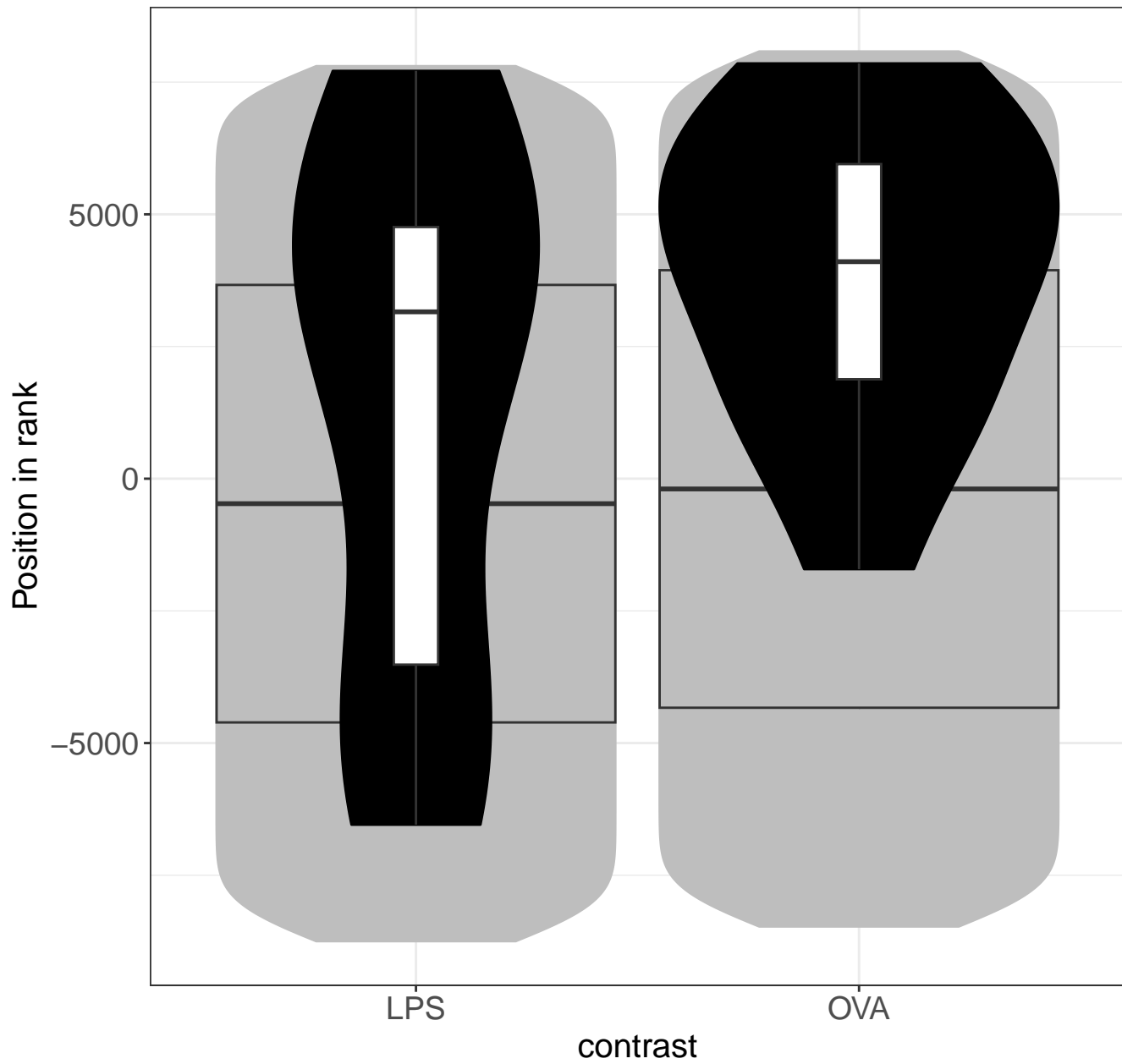
SHC MEDIATED CASCADE FGFR3



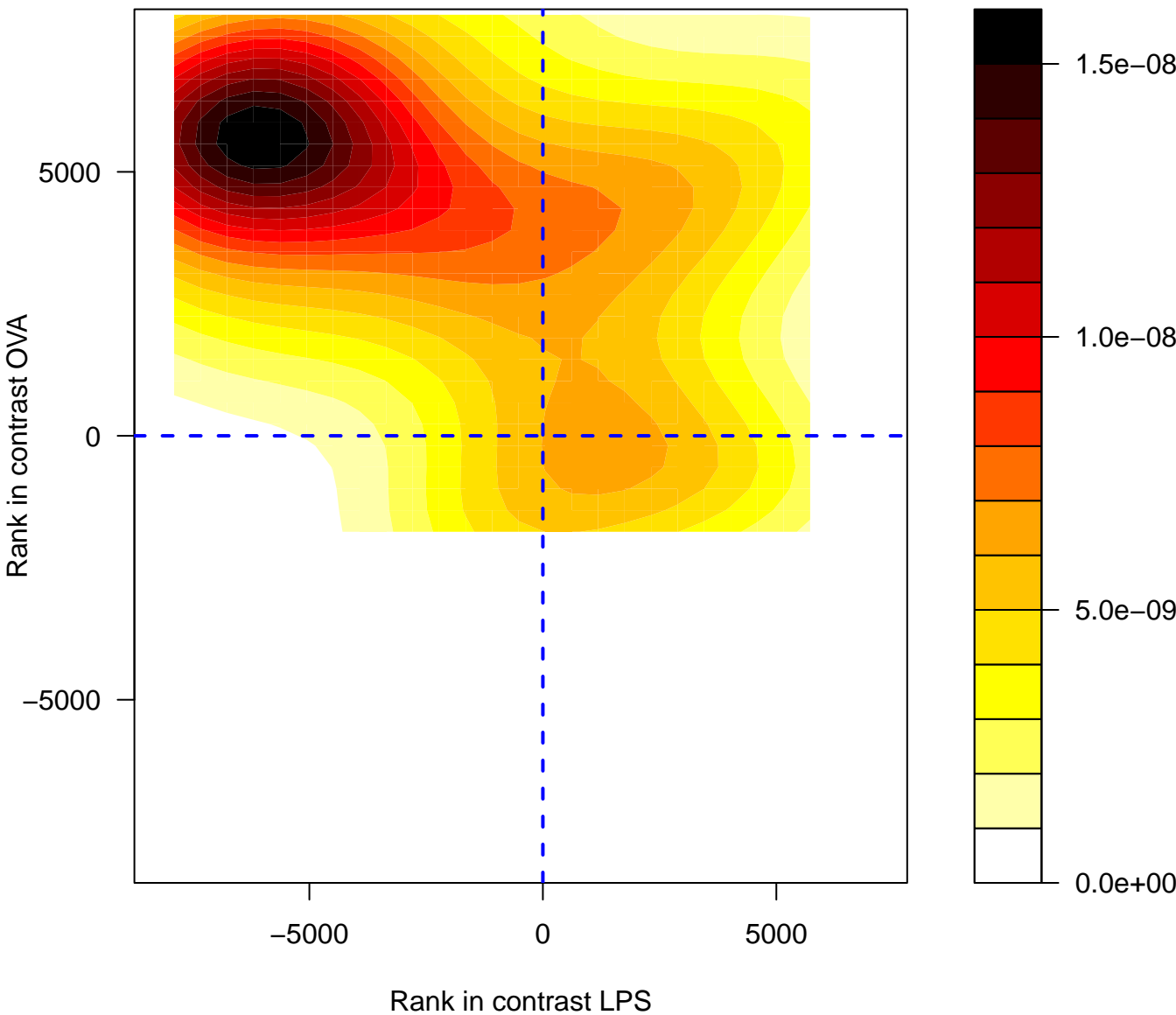
SHC MEDIATED CASCADE FGFR3



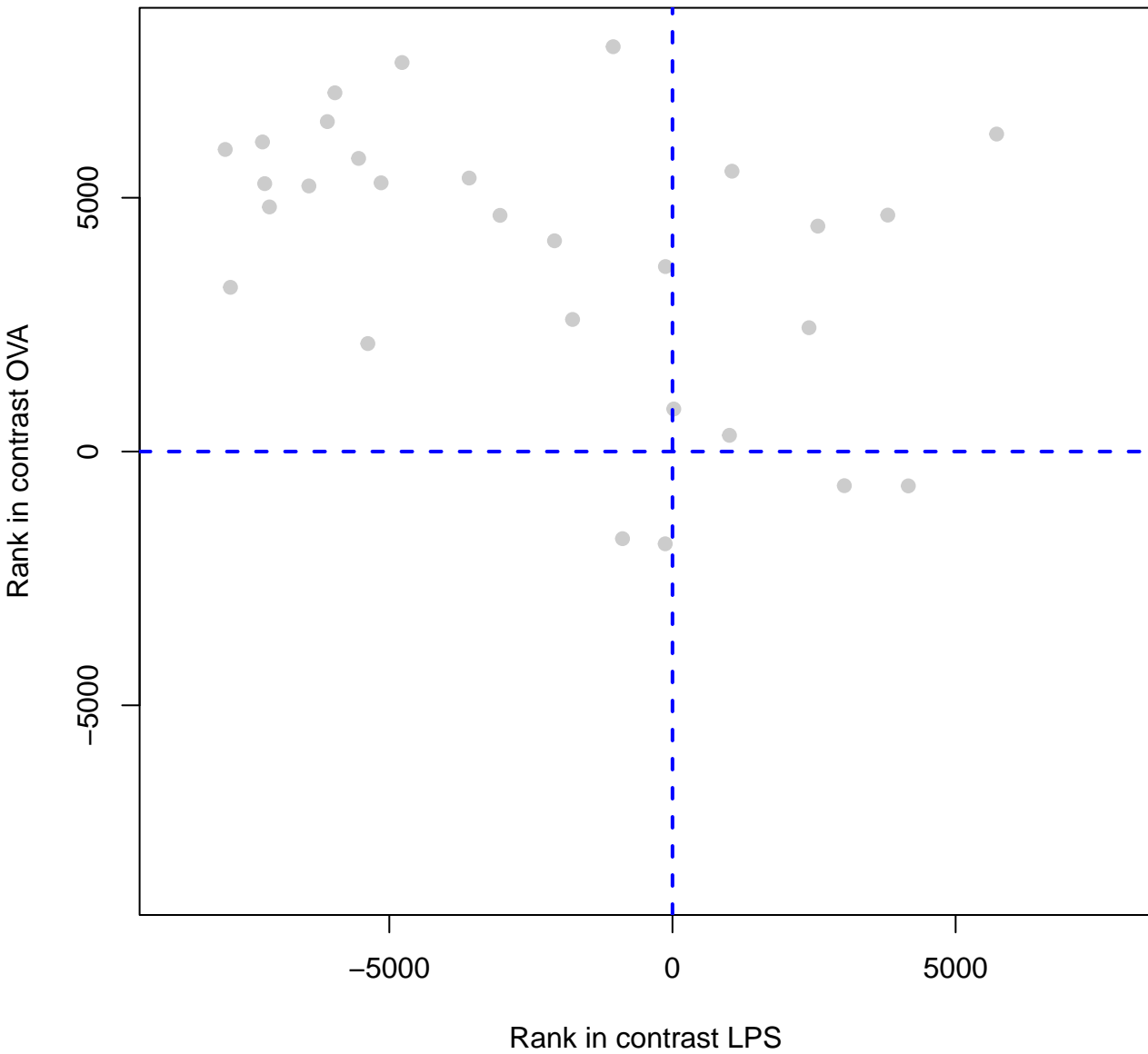
SHC MEDIATED CASCADE FGFR3



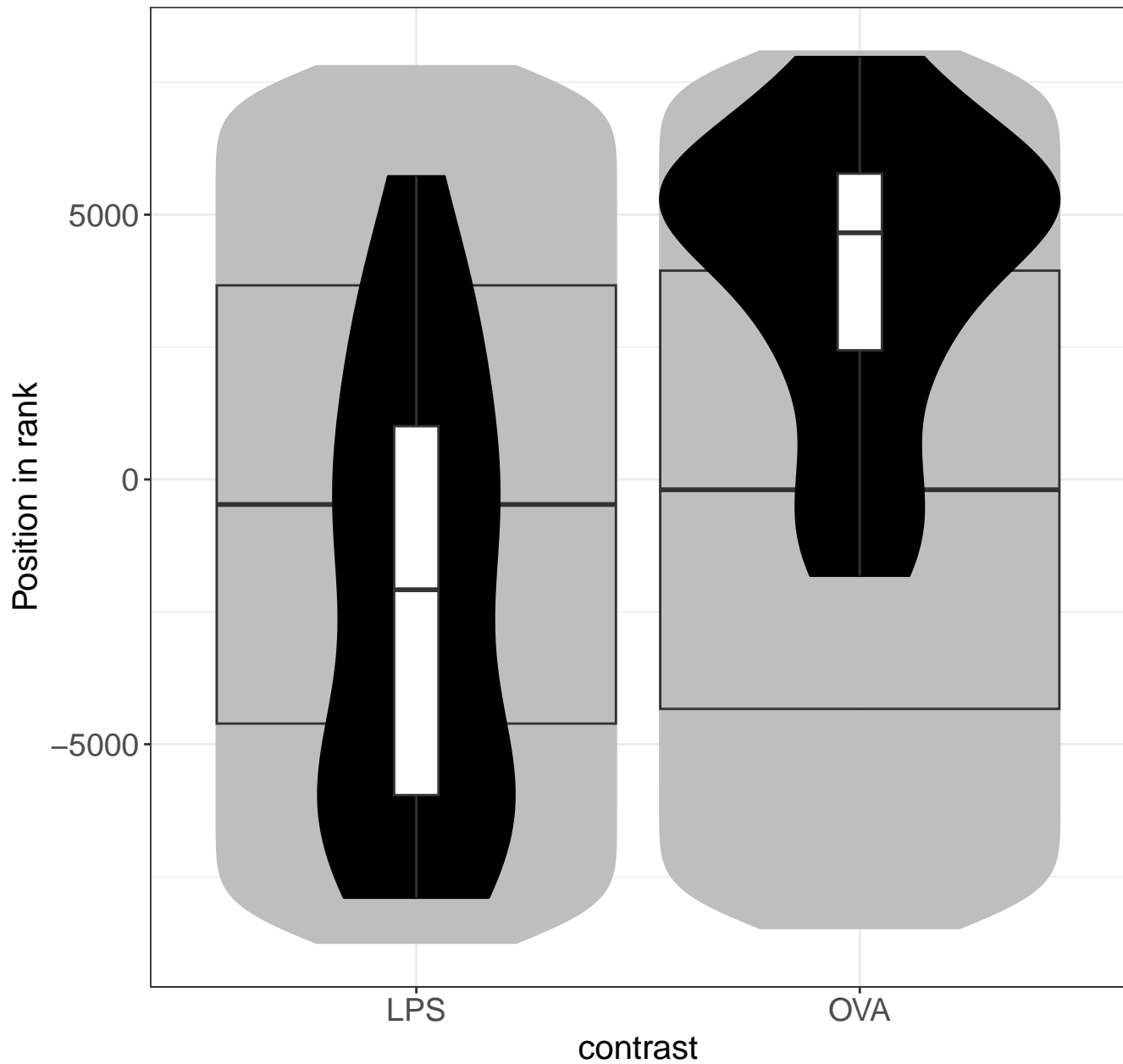
SYNTHESIS OF ACTIVE UBIQUITIN ROLES OF E1 AND E2 EN



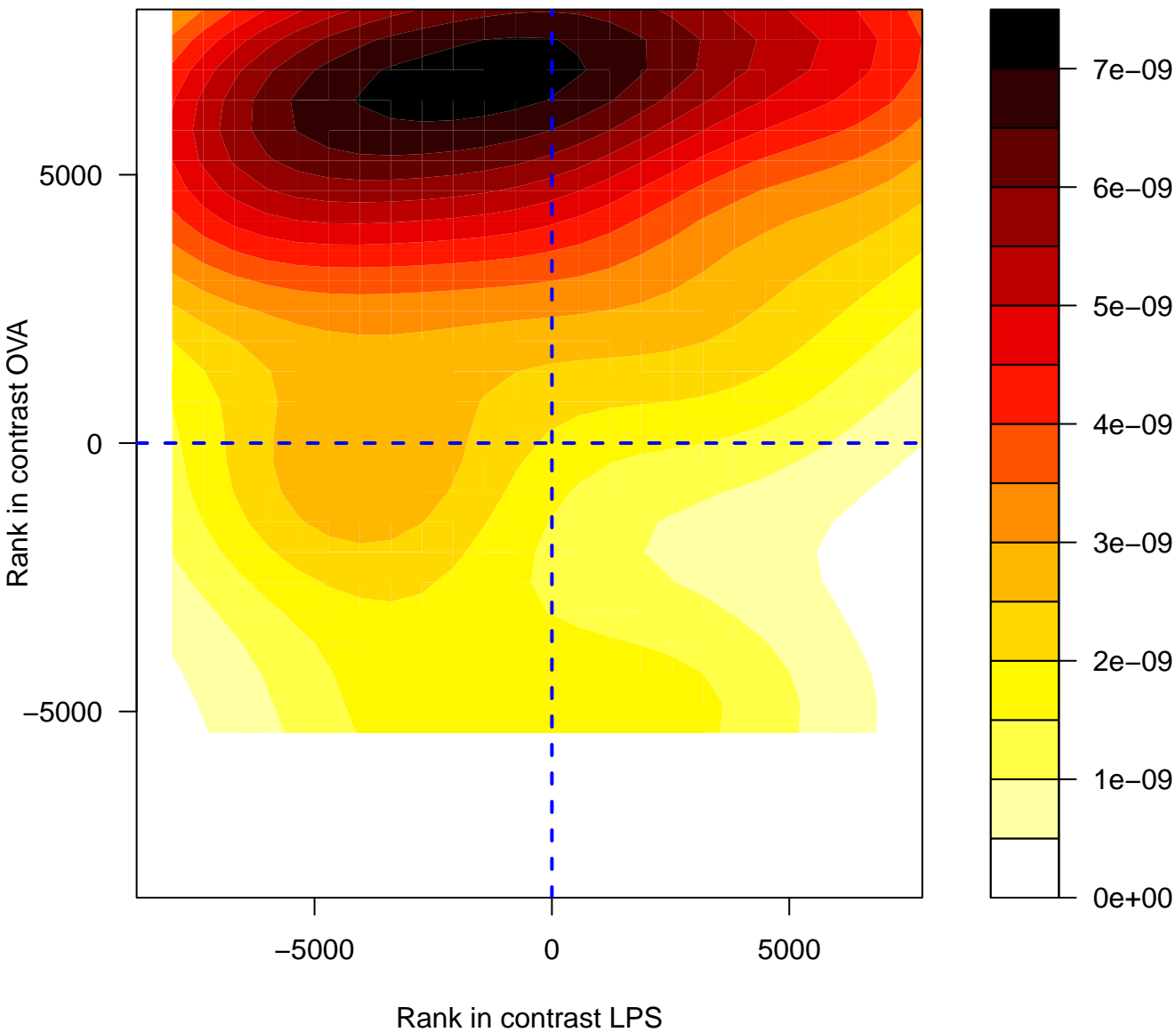
SYNTHESIS OF ACTIVE UBIQUITIN ROLES OF E1 AND E2 ENZYMES



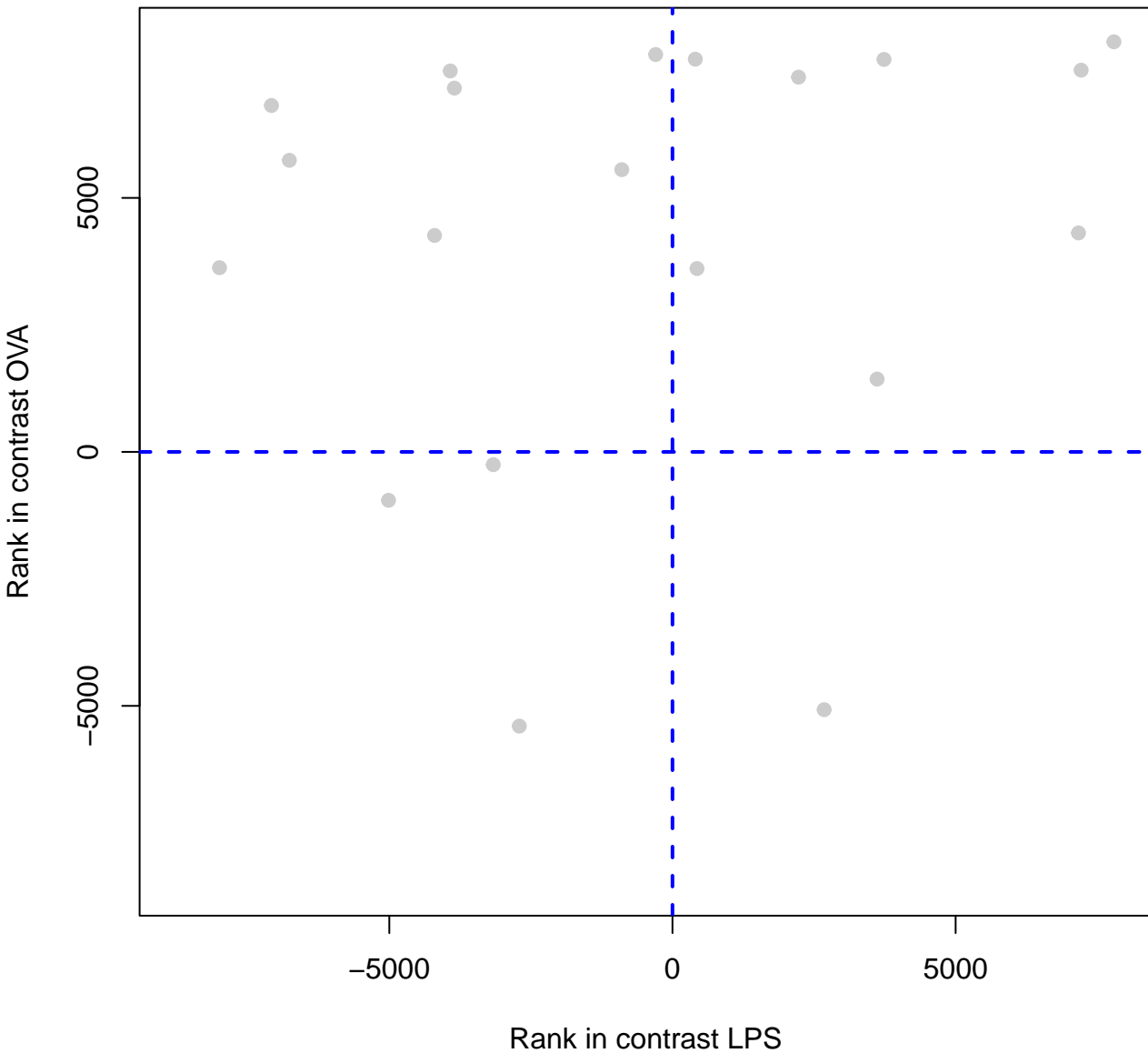
SYNTHESIS OF ACTIVE UBIQUITIN ROLES OF



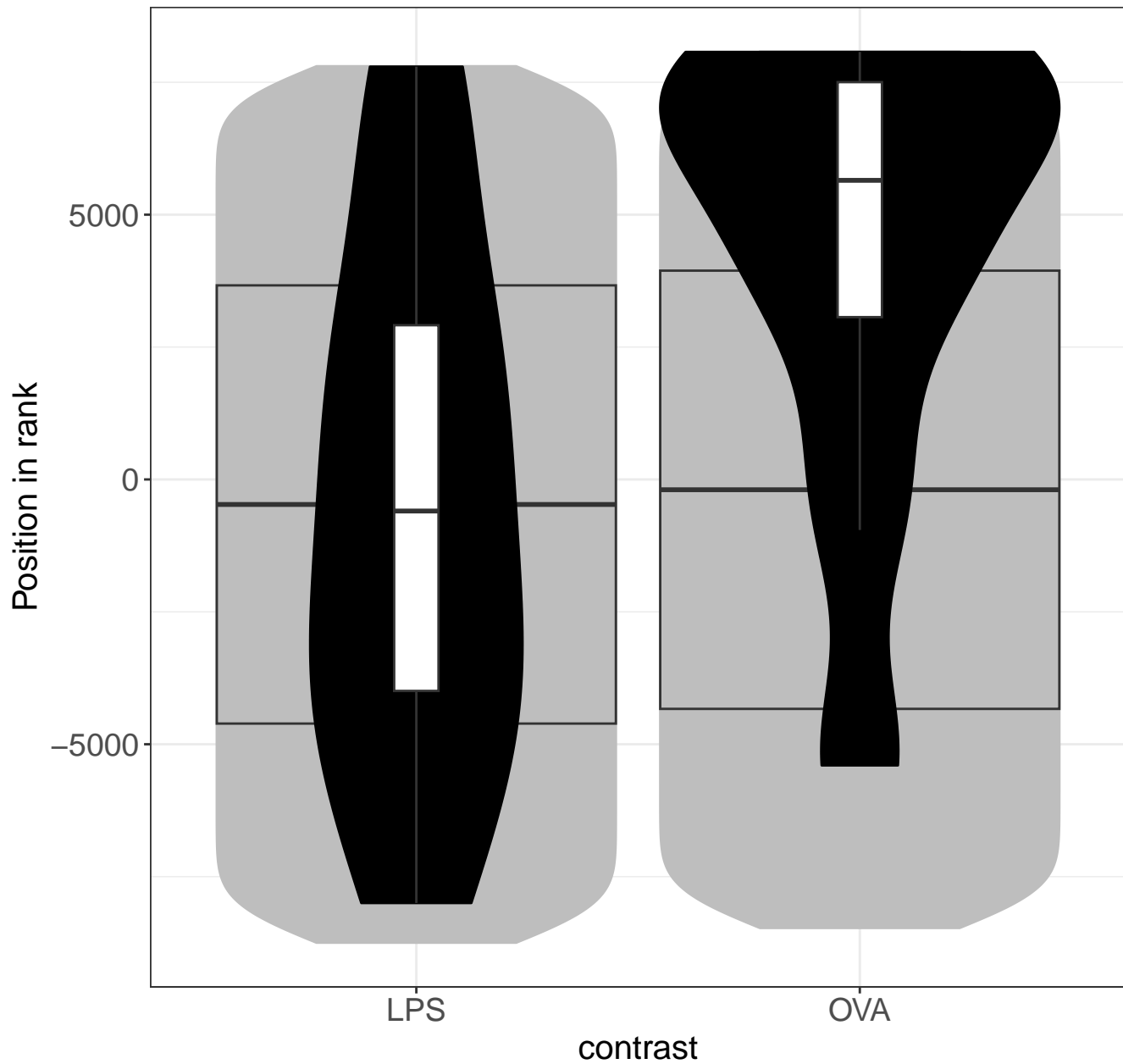
SYNTHESIS OF VERY LONG CHAIN FATTY ACYL COAS



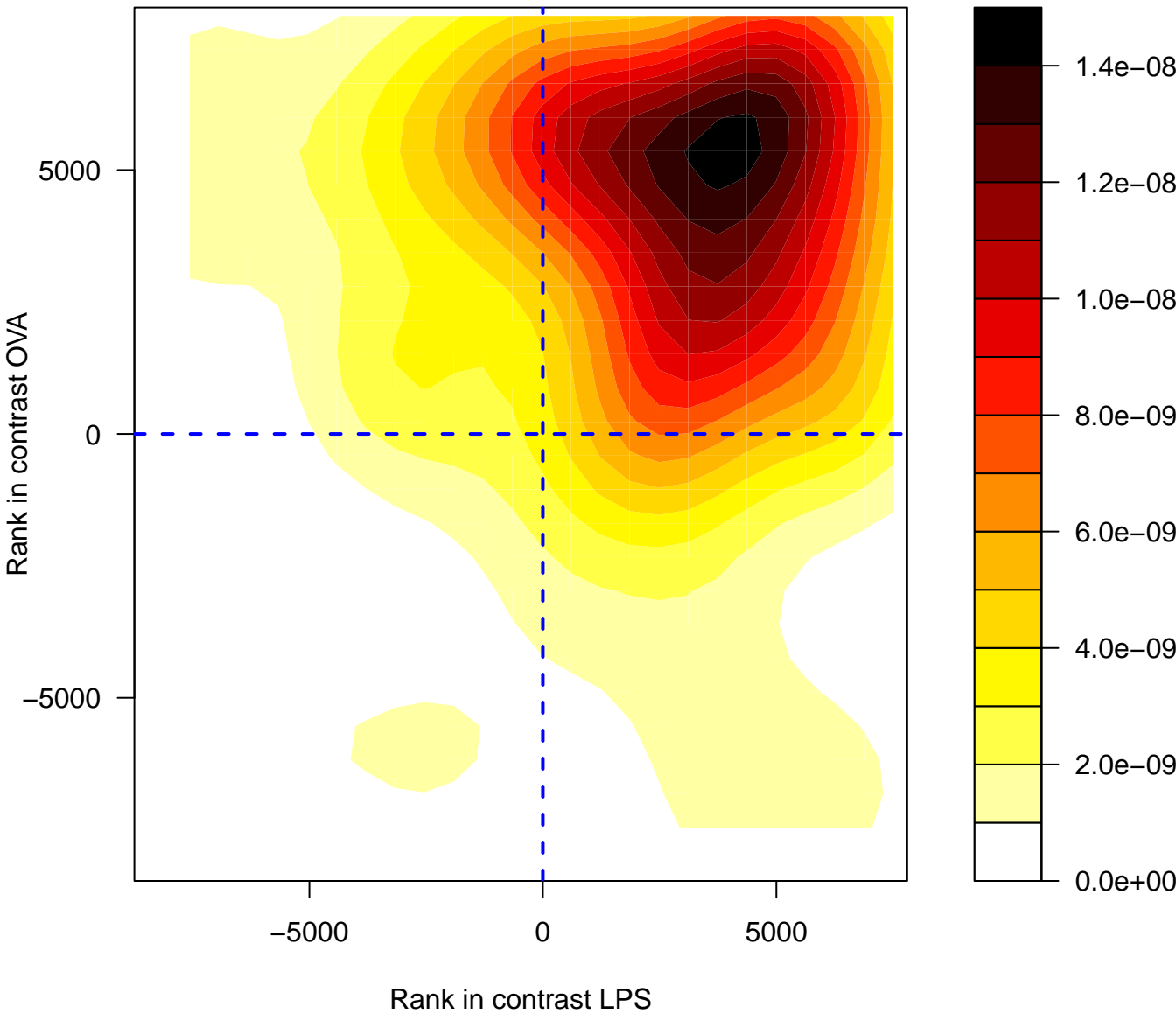
SYNTHESIS OF VERY LONG CHAIN FATTY ACYL COAS



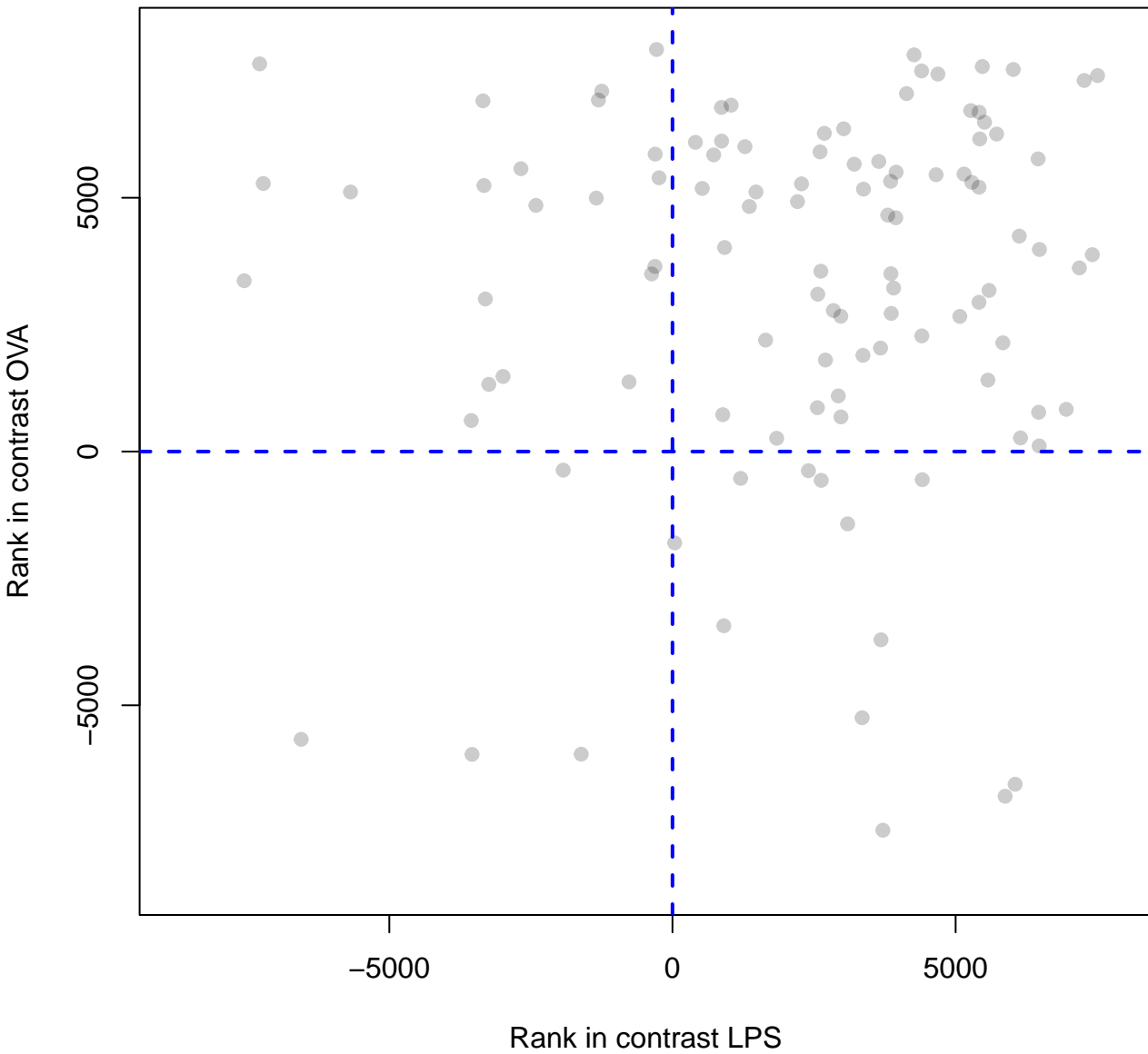
SYNTHESIS OF VERY LONG CHAIN FATTY ACY



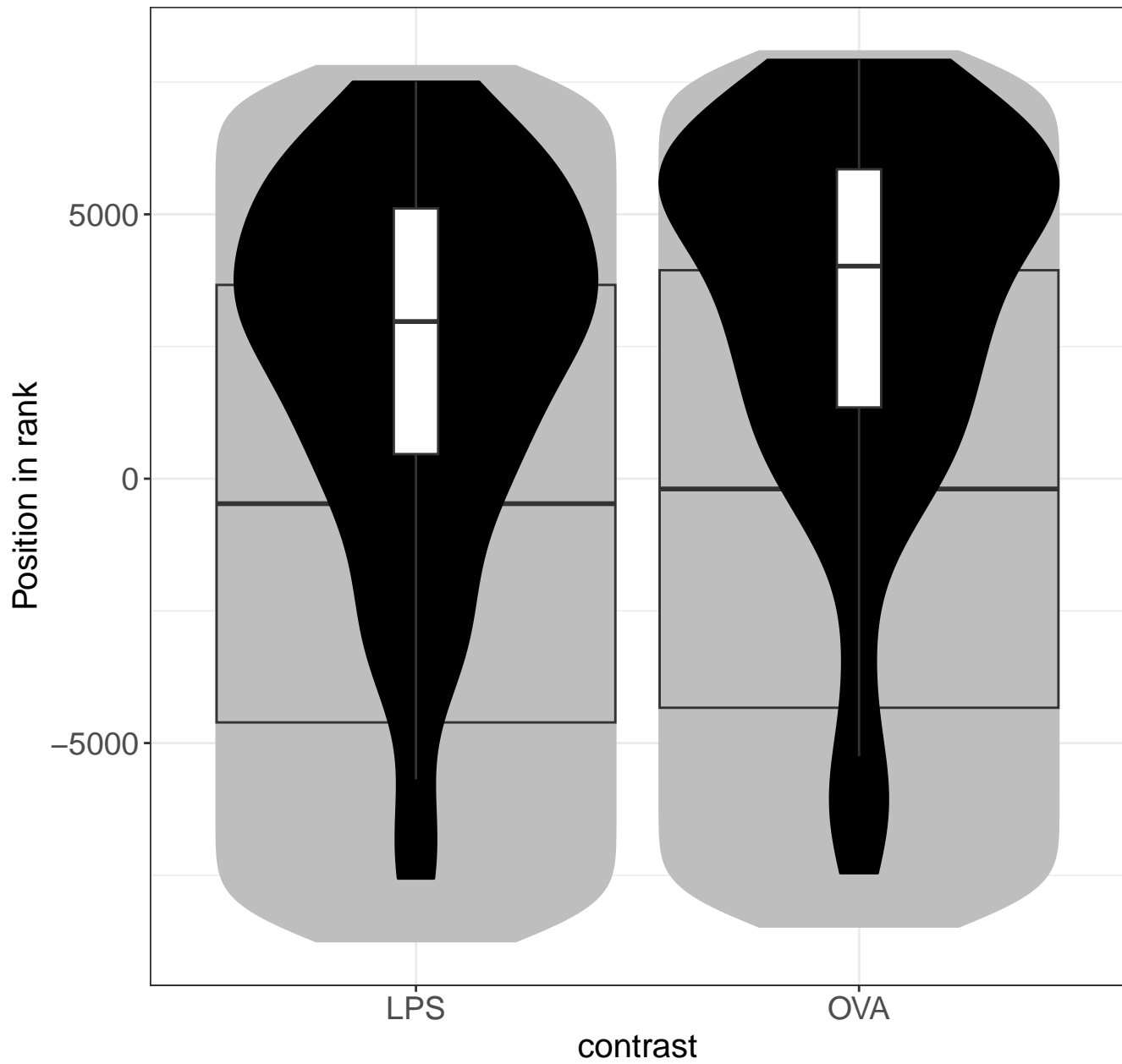
SELENOAMINO ACID METABOLISM



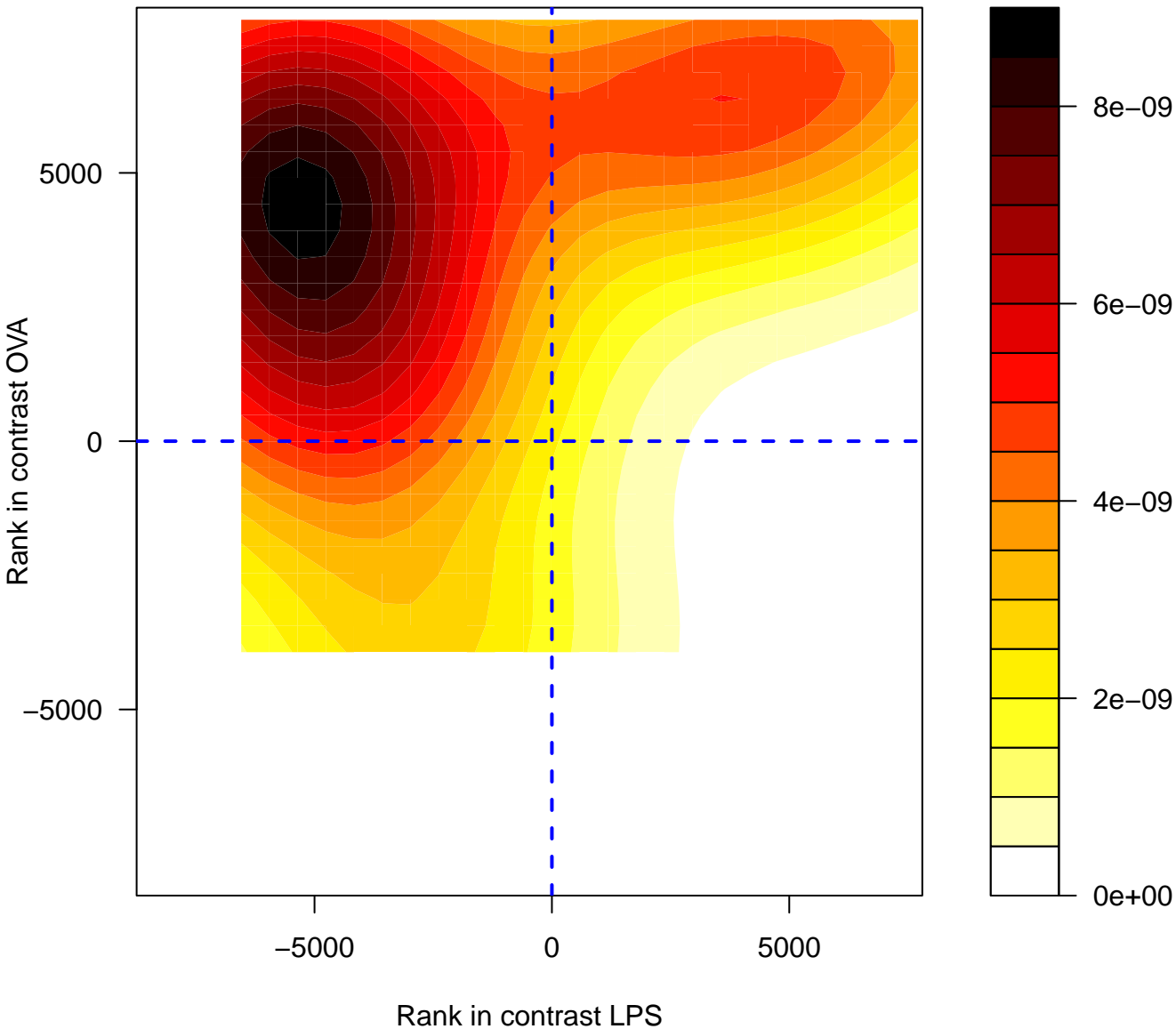
SELENOAMINO ACID METABOLISM



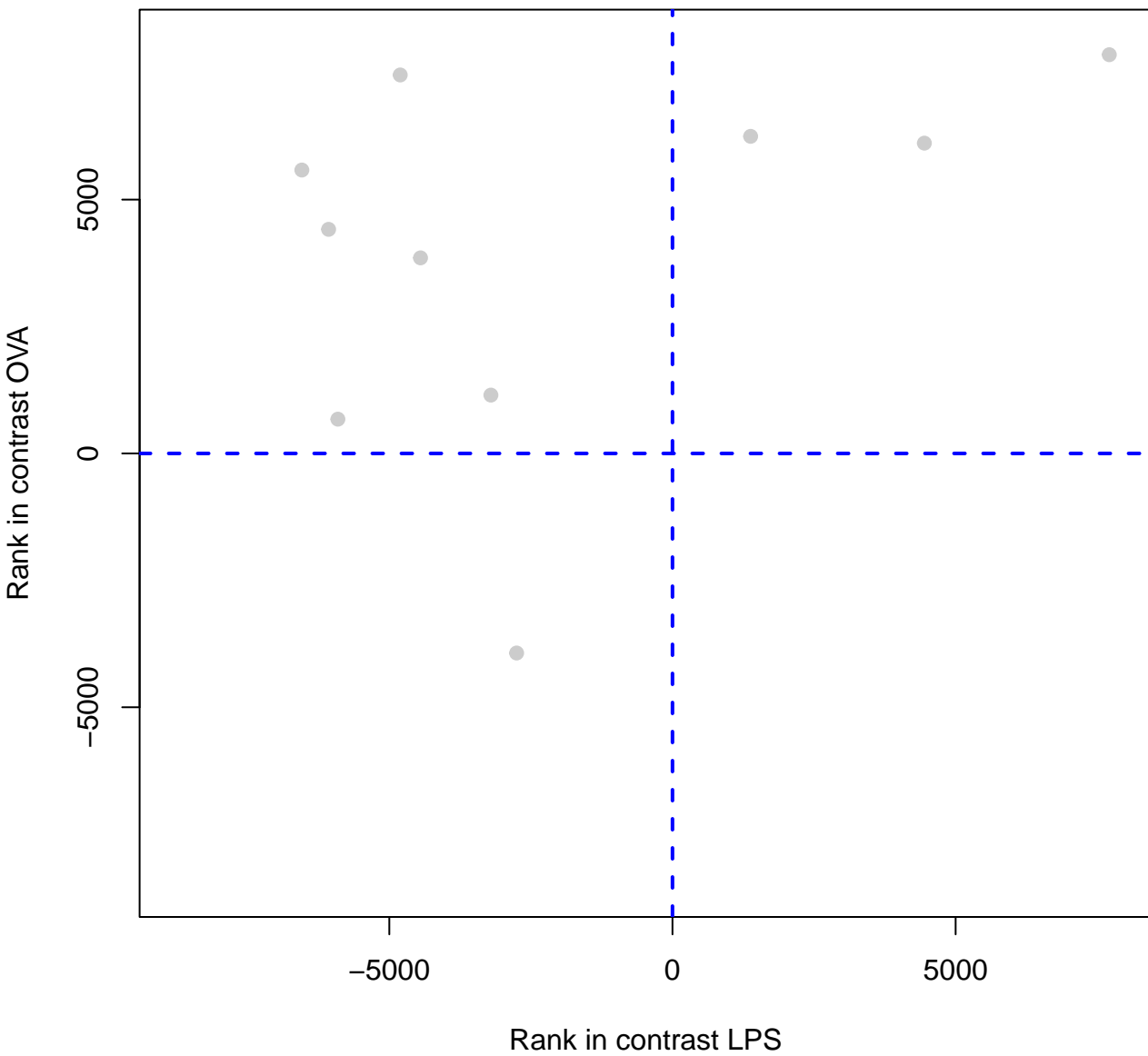
SELENOAMINO ACID METABOLISM



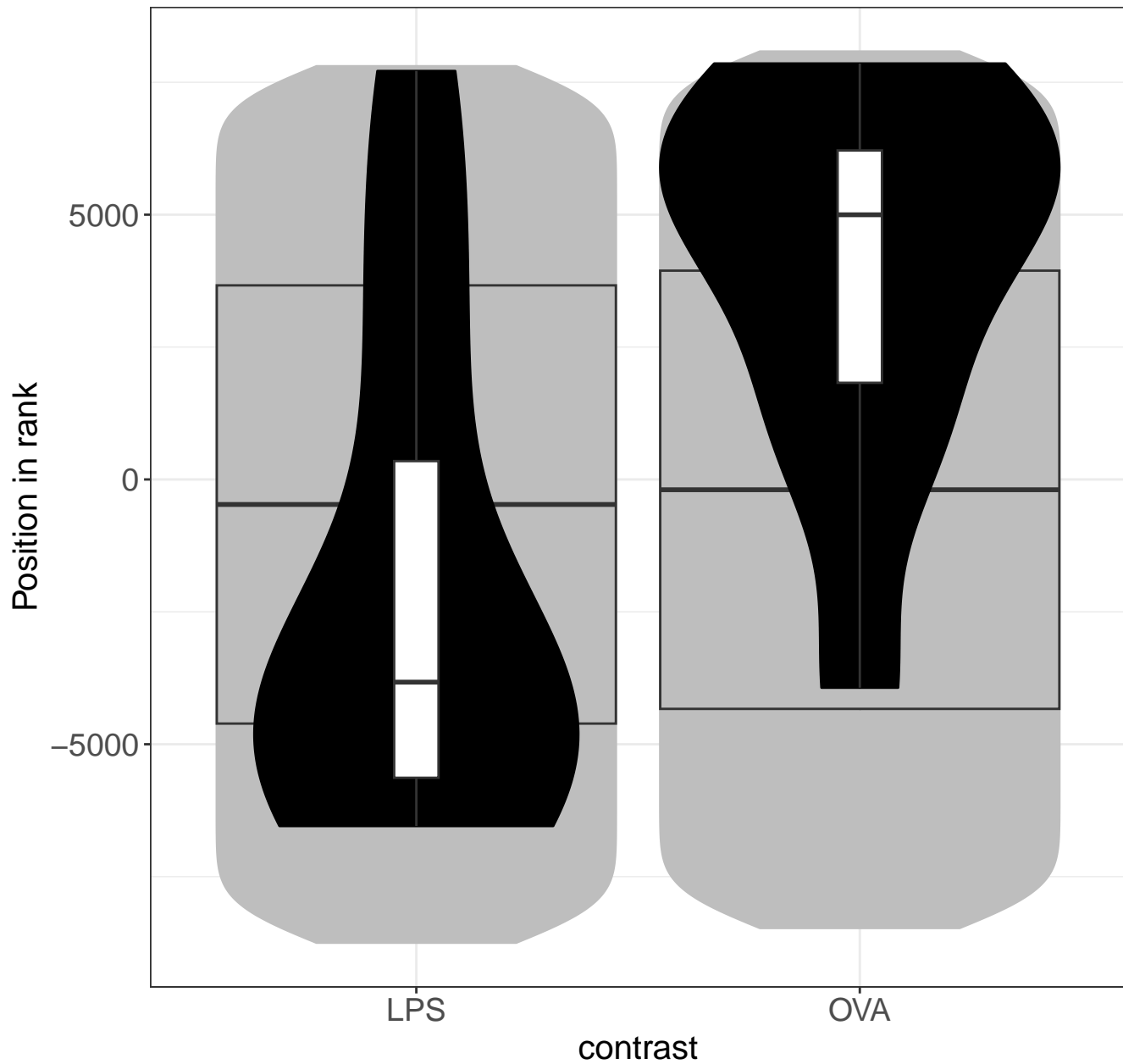
SIGNALING BY FGFR3 FUSIONS IN CANCER



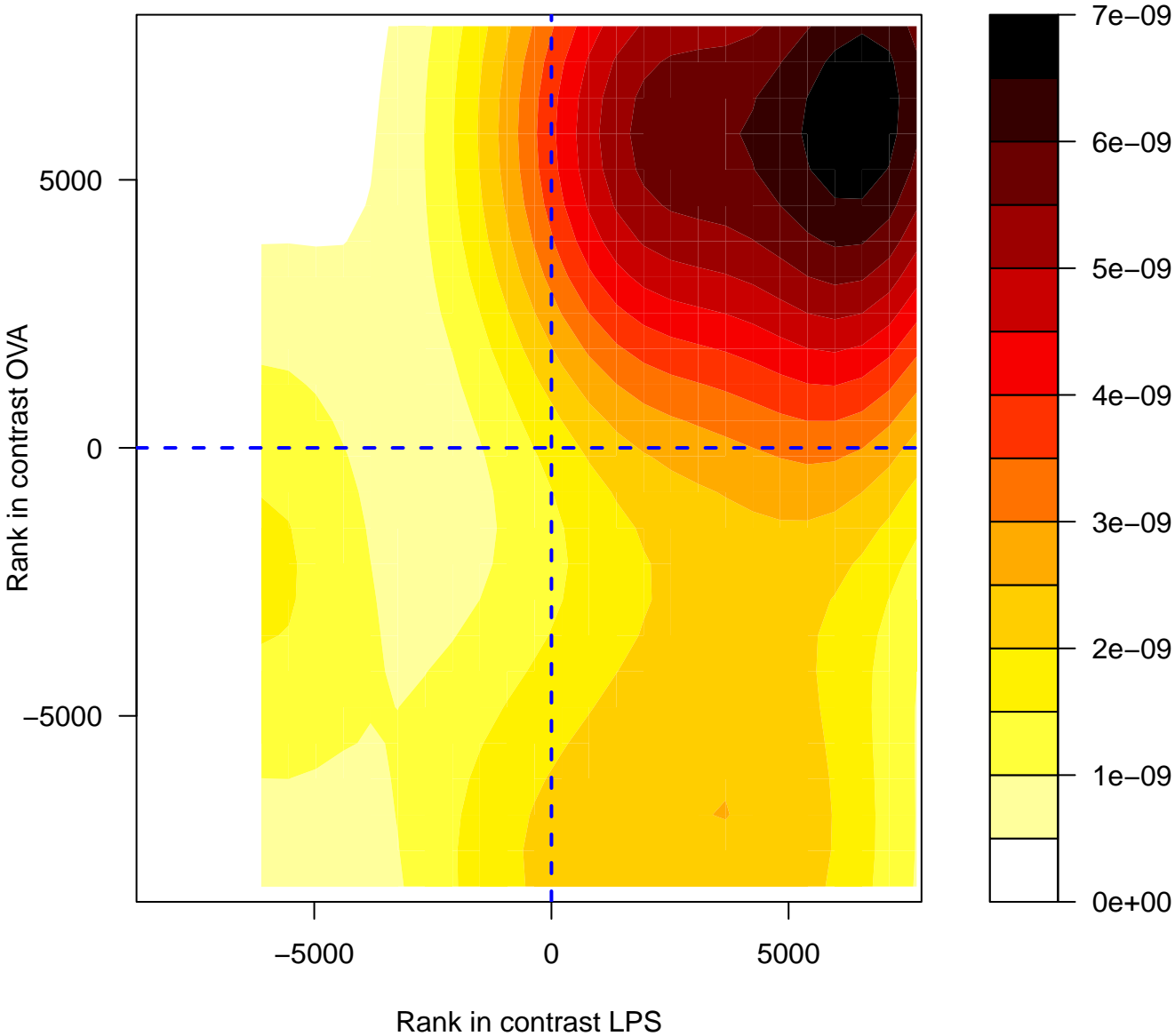
SIGNALING BY FGFR3 FUSIONS IN CANCER



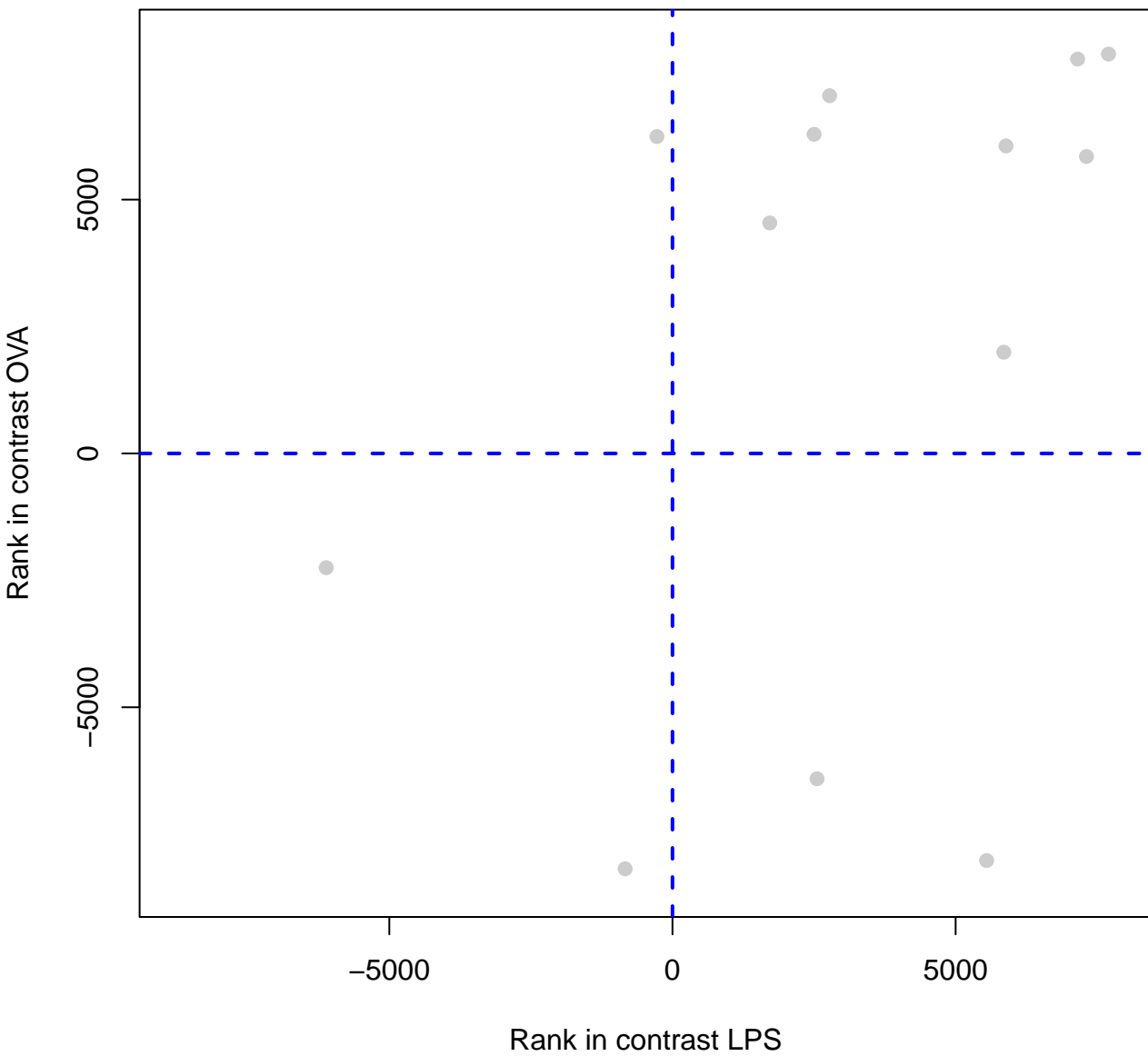
SIGNALING BY FGFR3 FUSIONS IN CANCER



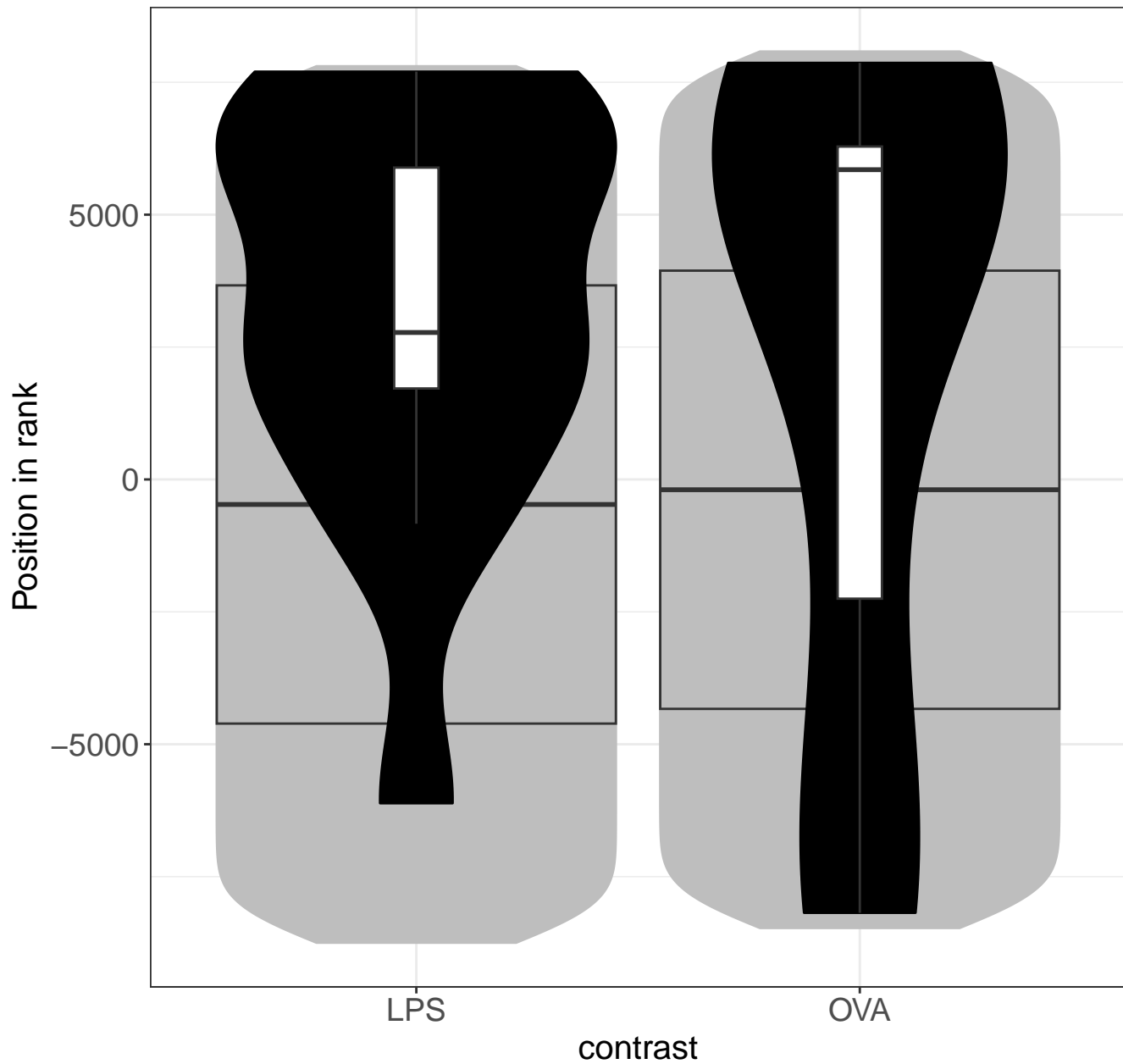
SCAVENGING BY CLASS A RECEPTORS



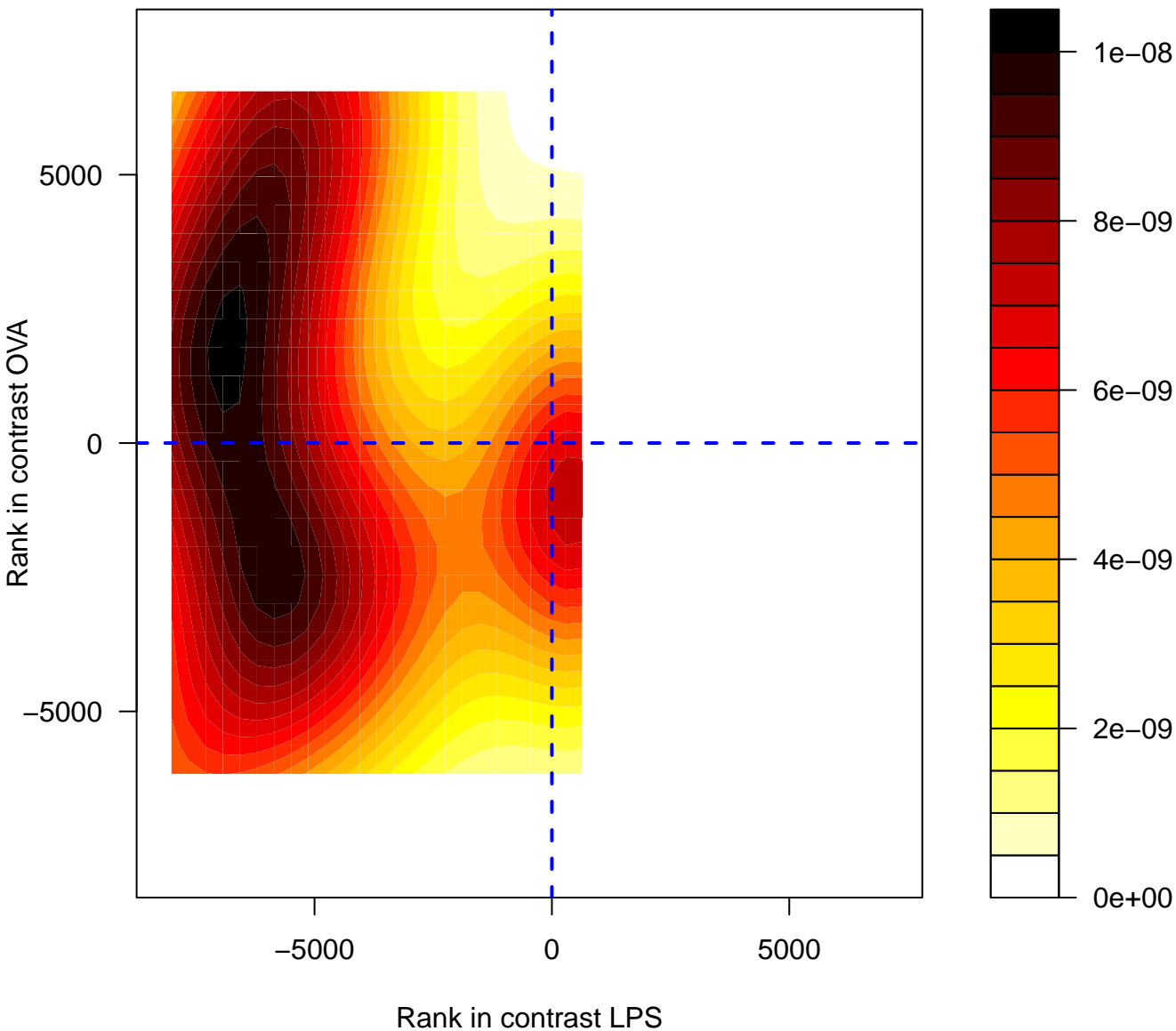
SCAVENGING BY CLASS A RECEPTORS



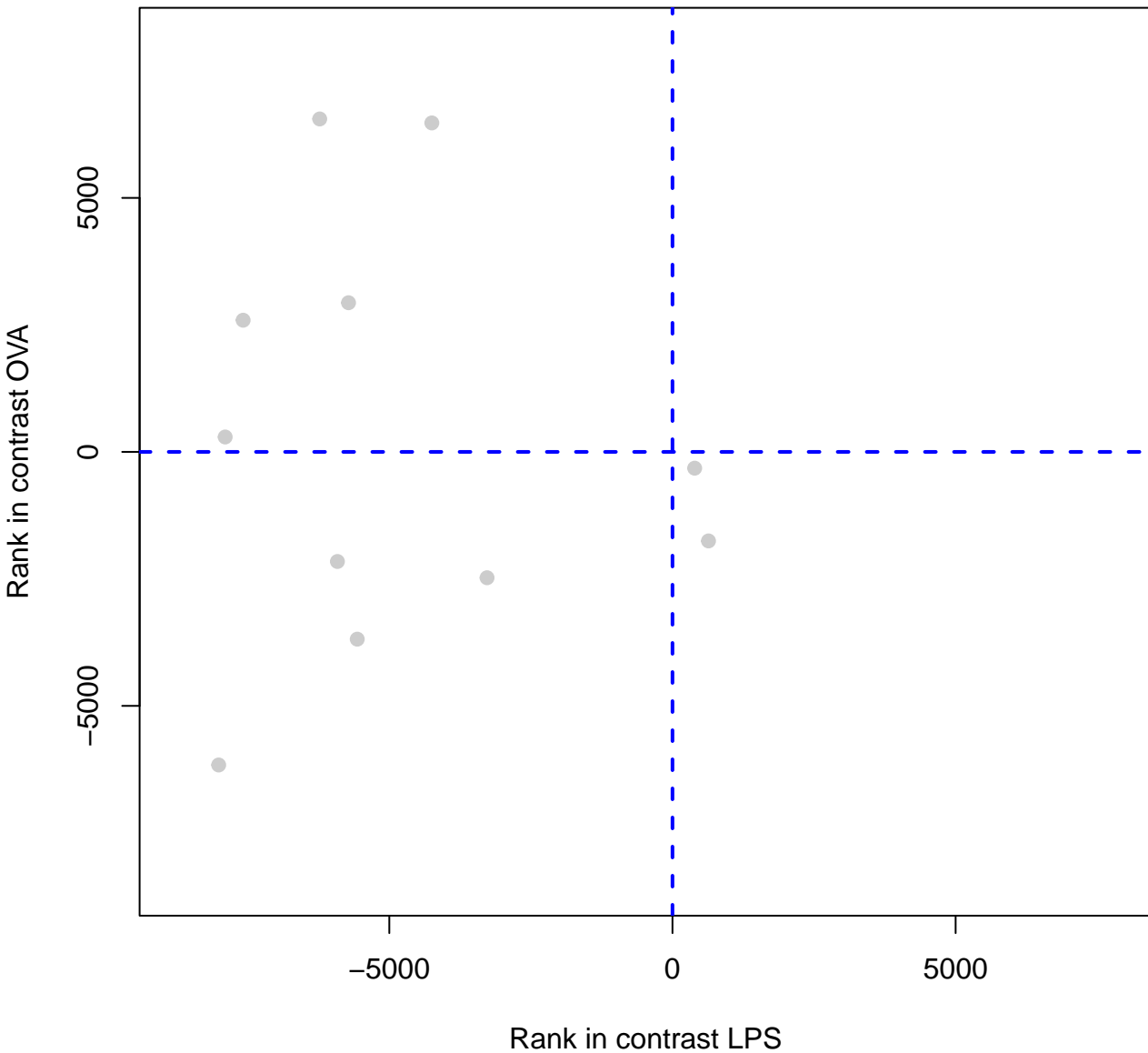
SCAVENGING BY CLASS A RECEPTORS



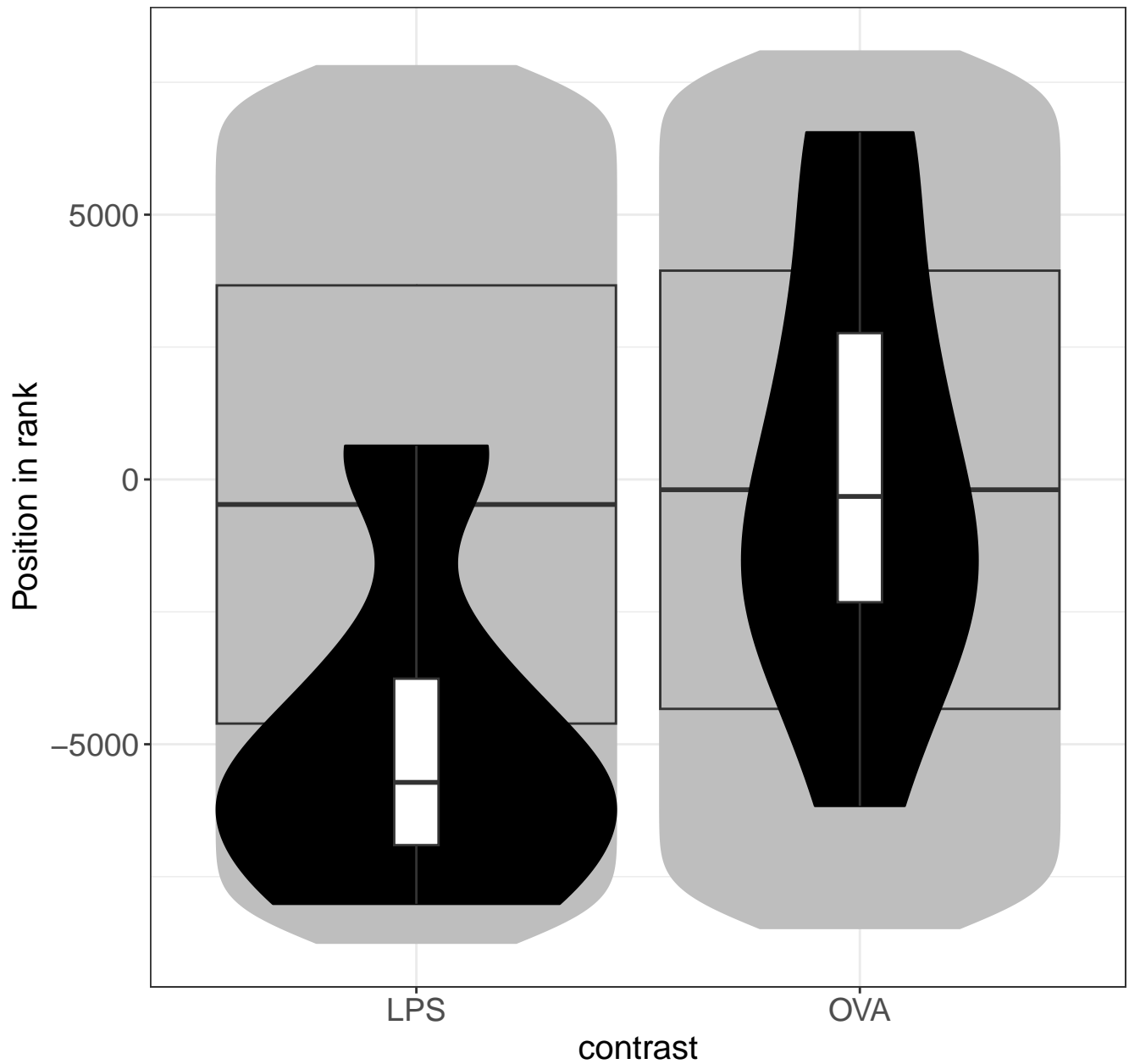
SYNTHESIS OF PIPS AT THE LATE ENDOSOME MEMBRA



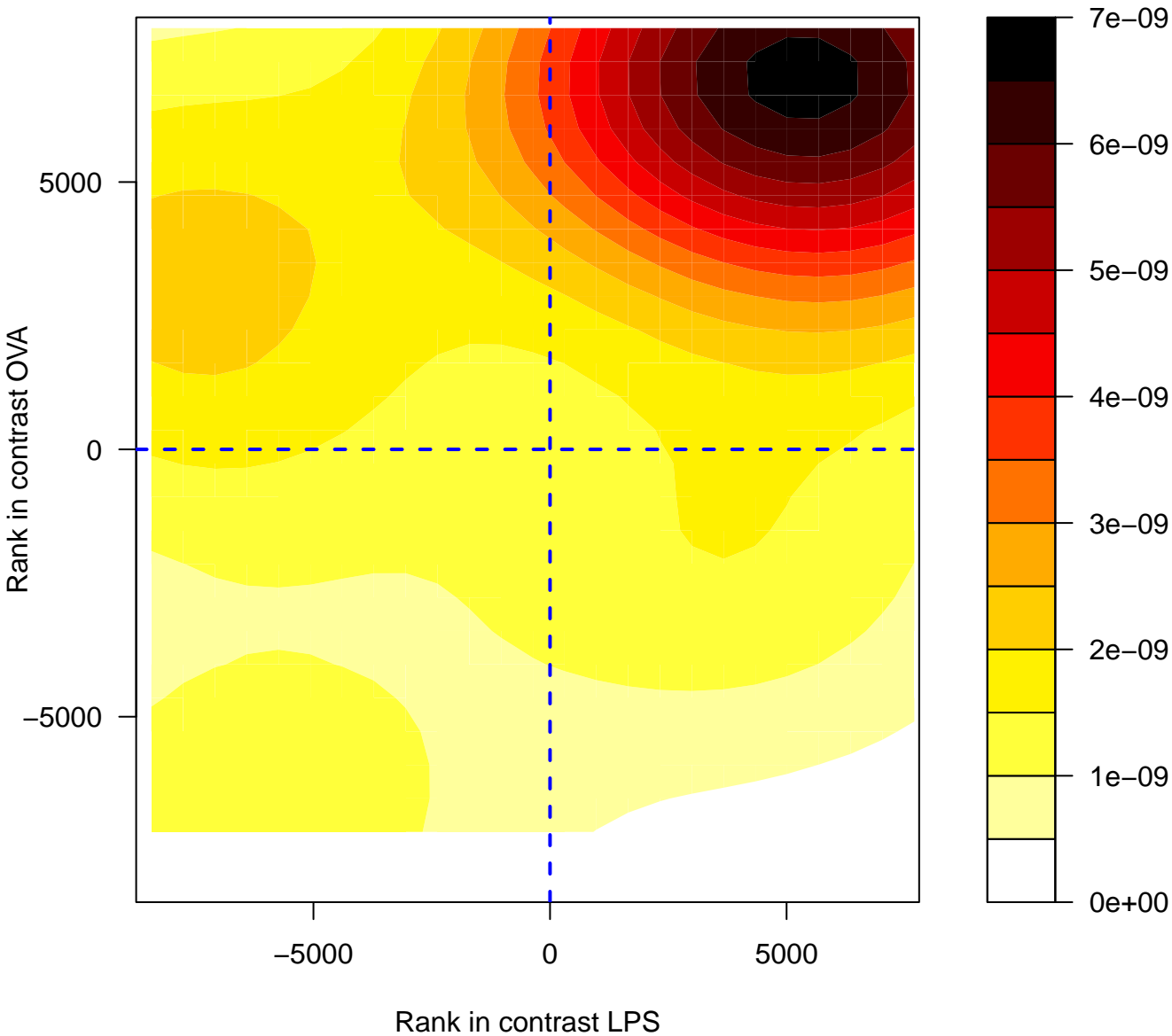
SYNTHESIS OF PIPS AT THE LATE ENDOSOME MEMBRANE



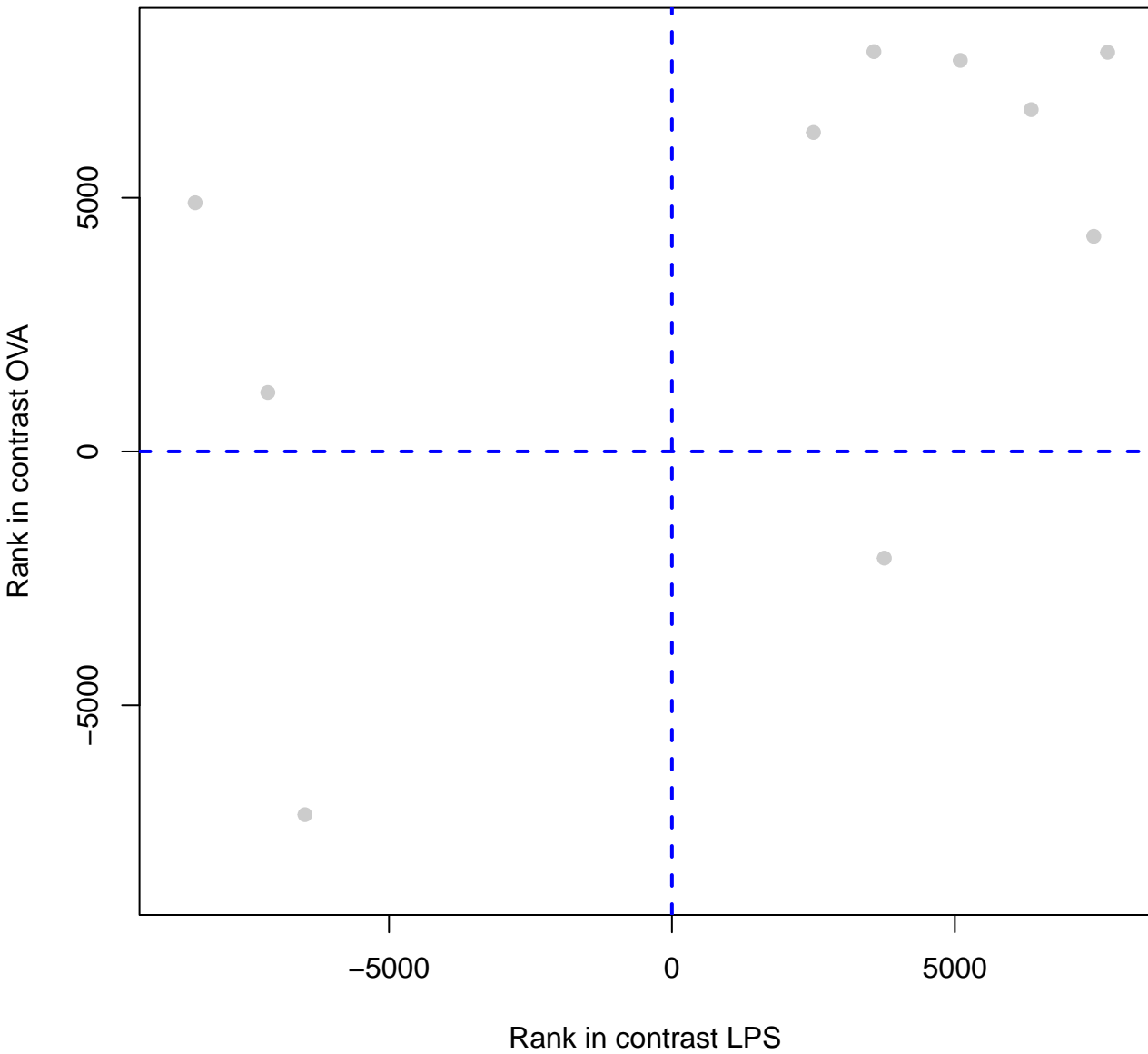
SYNTHESIS OF PIPS AT THE LATE ENDOSOMI



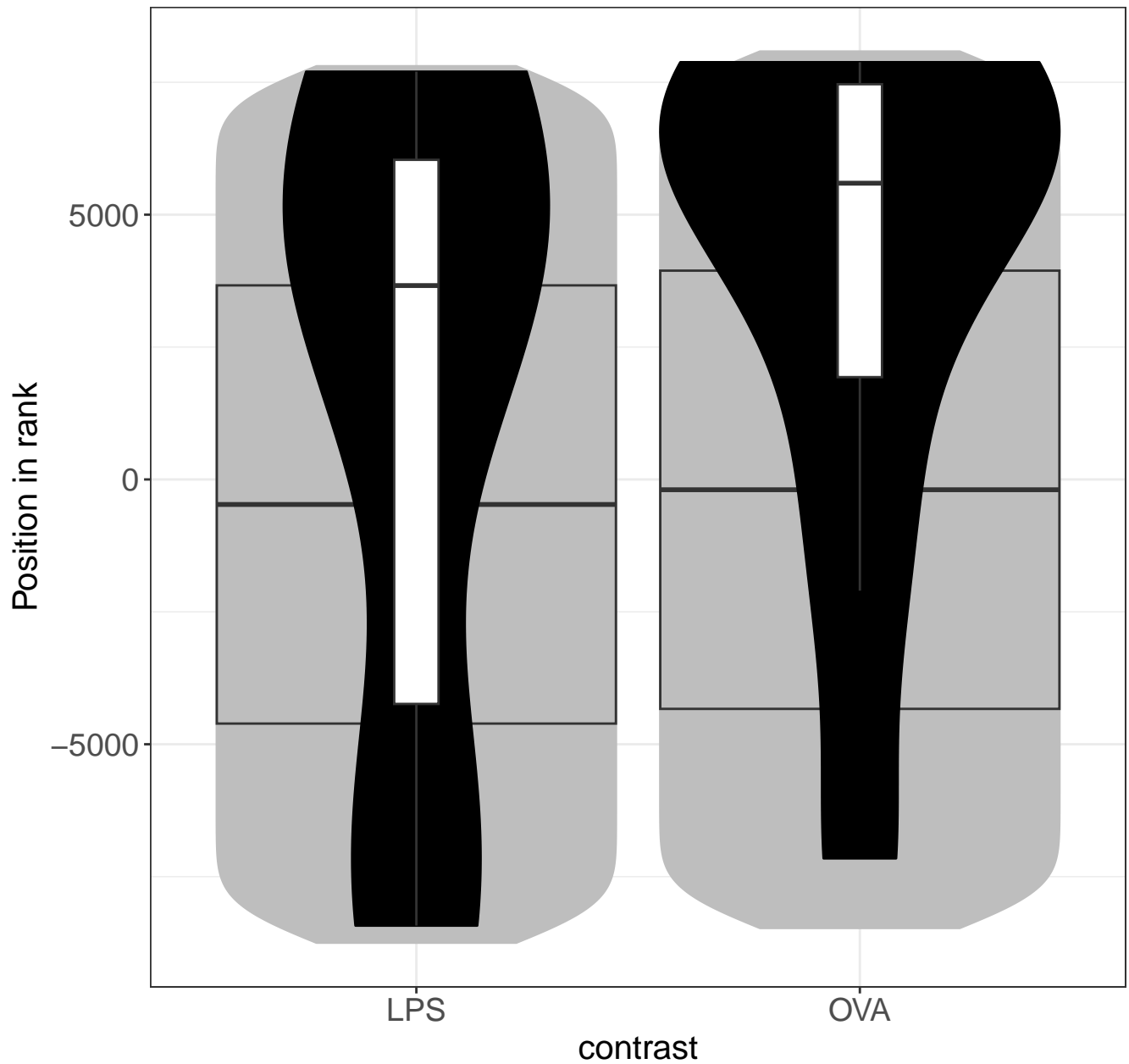
ATF6 ATF6 ALPHA ACTIVATES CHAPERONE GENES



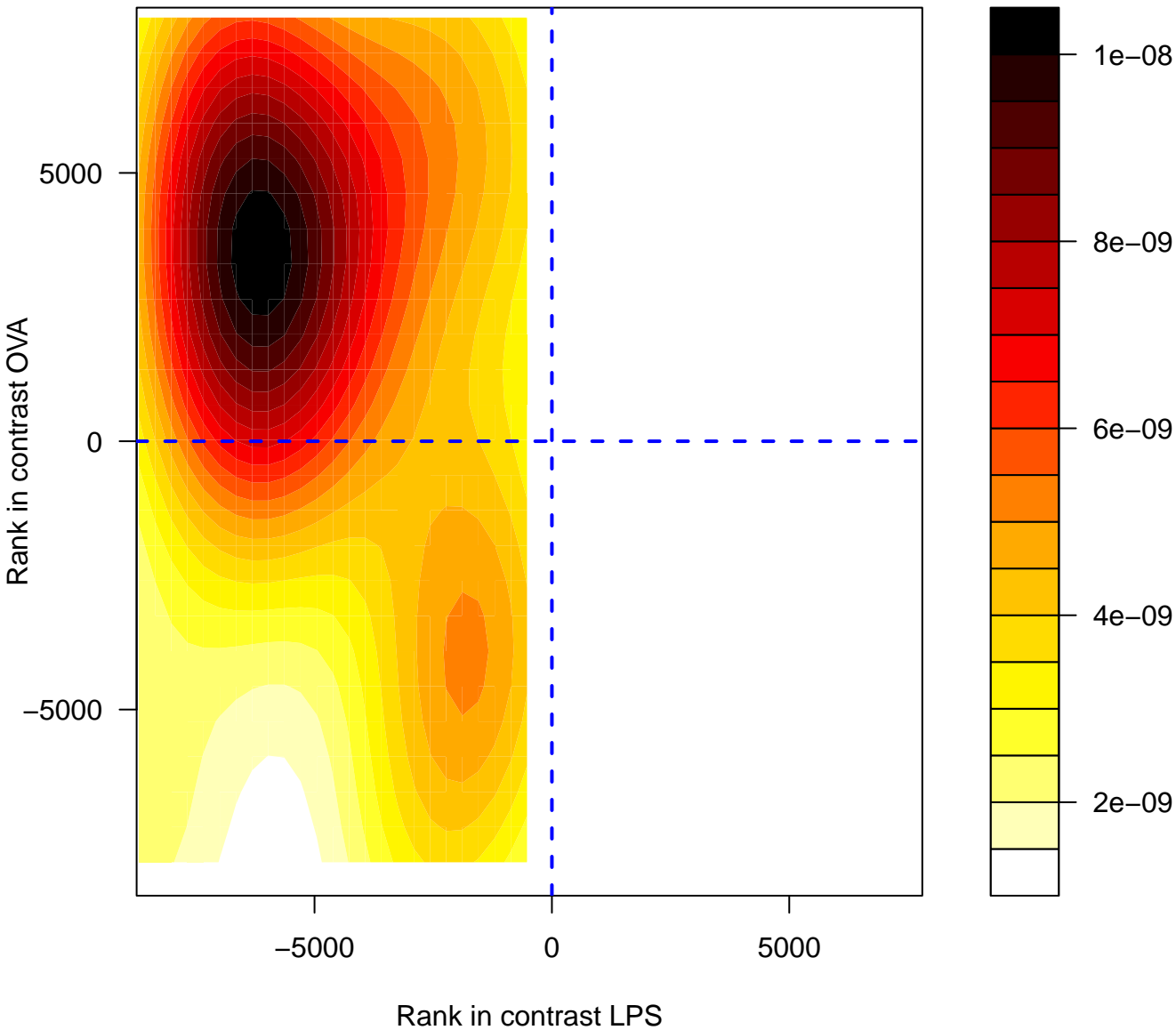
ATF6 ATF6 ALPHA ACTIVATES CHAPERONE GENES



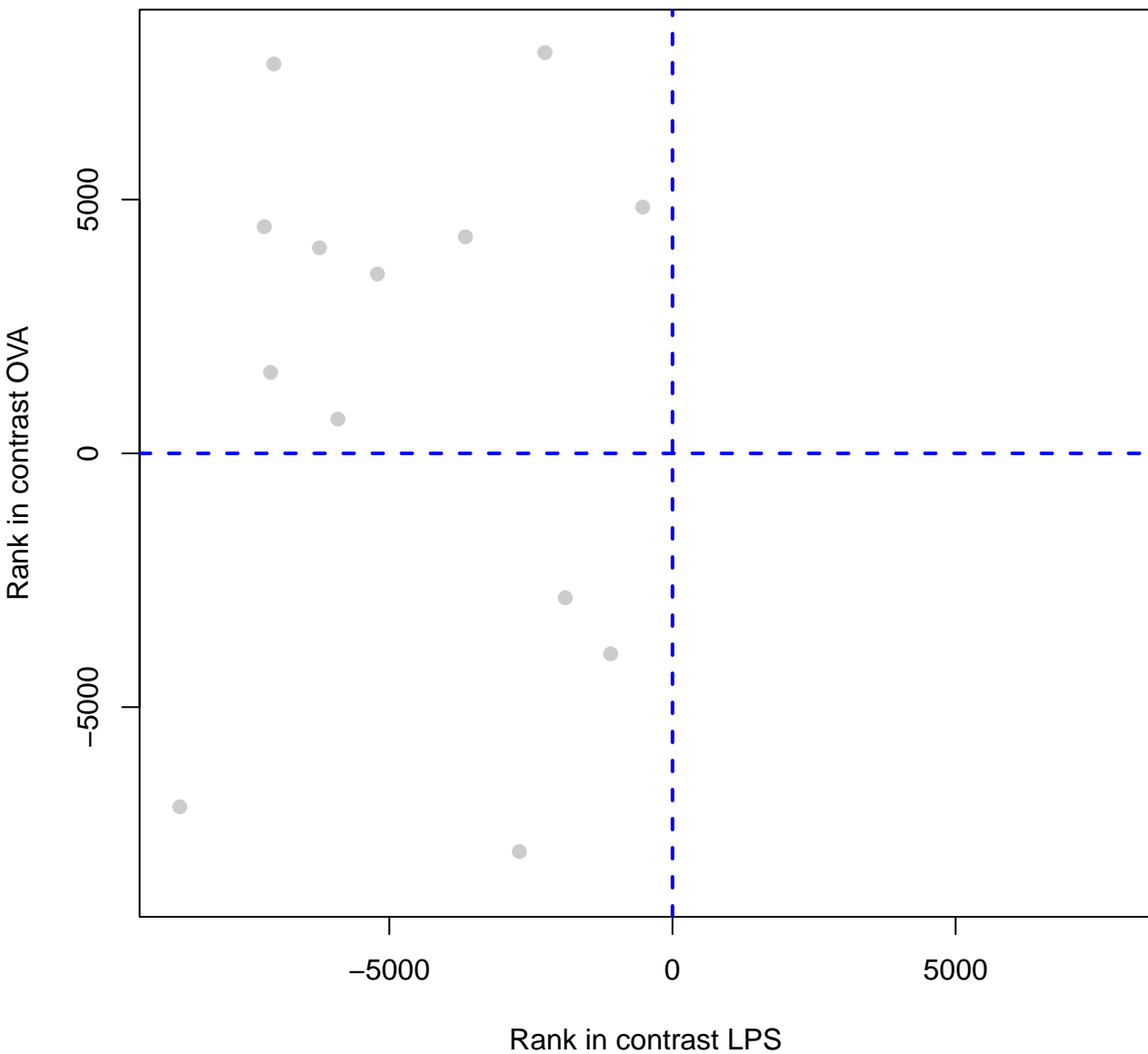
ATF6 ATF6 ALPHA ACTIVATES CHAPERONE G



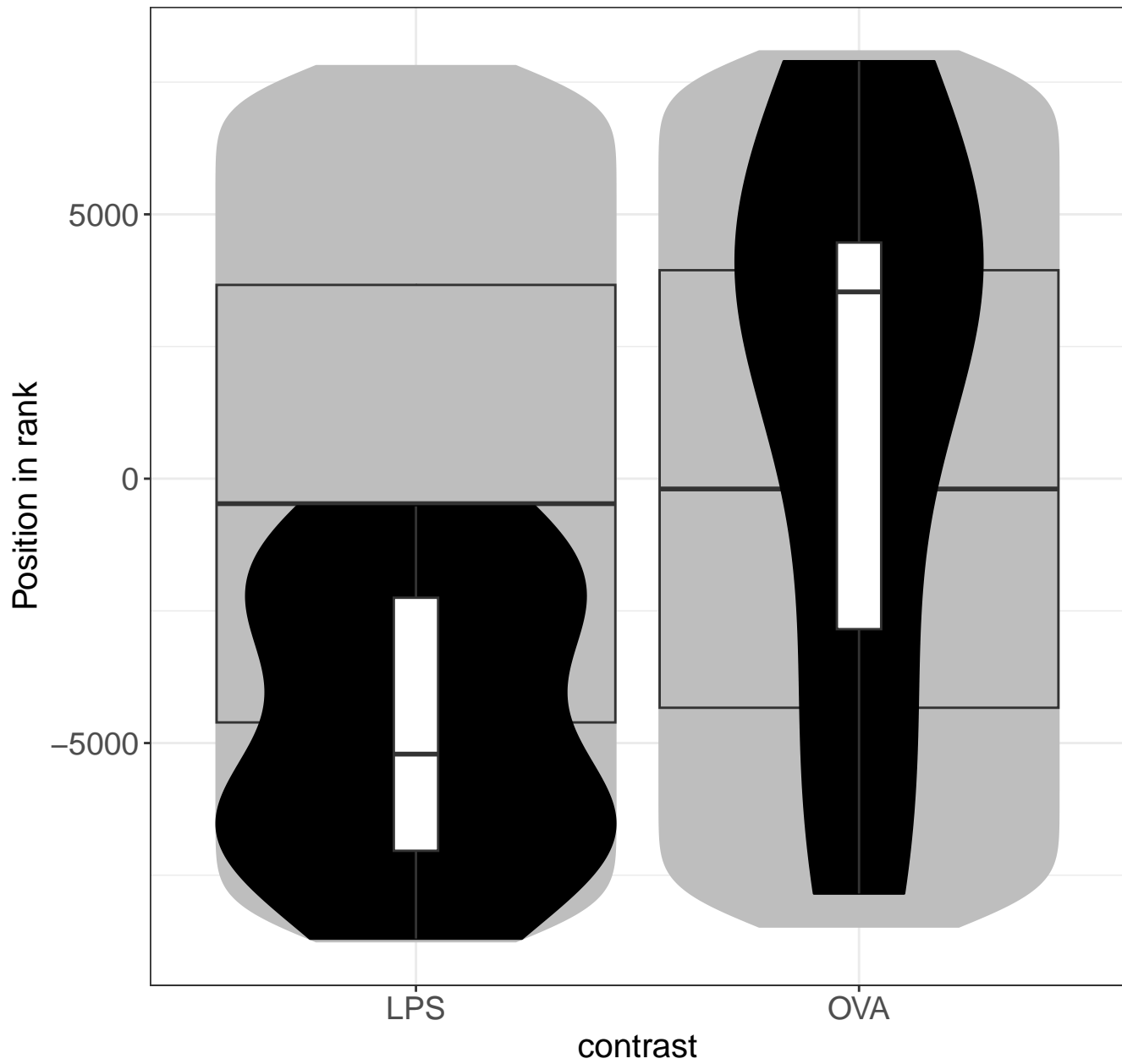
ACTIVATION OF RAC1



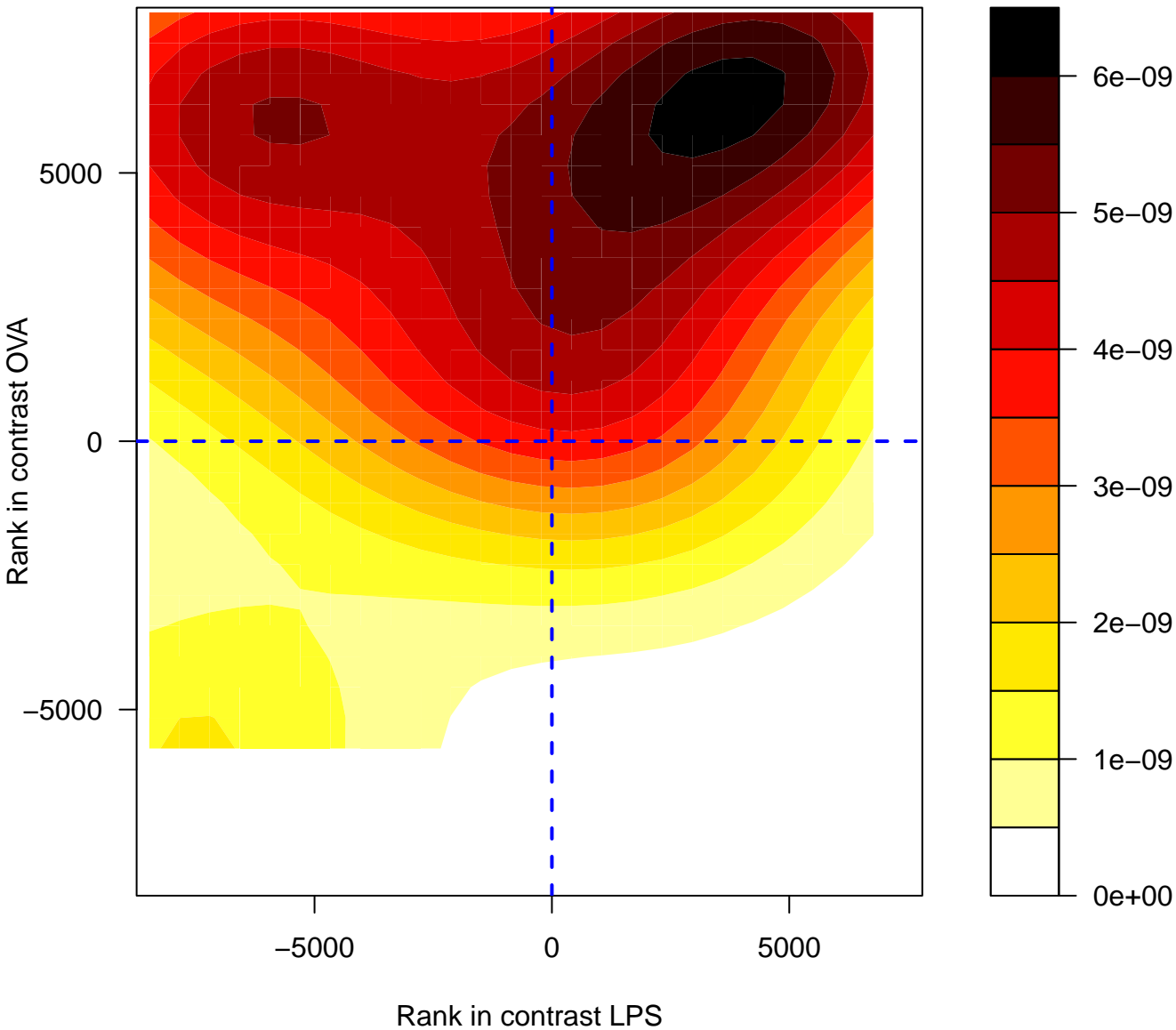
ACTIVATION OF RAC1



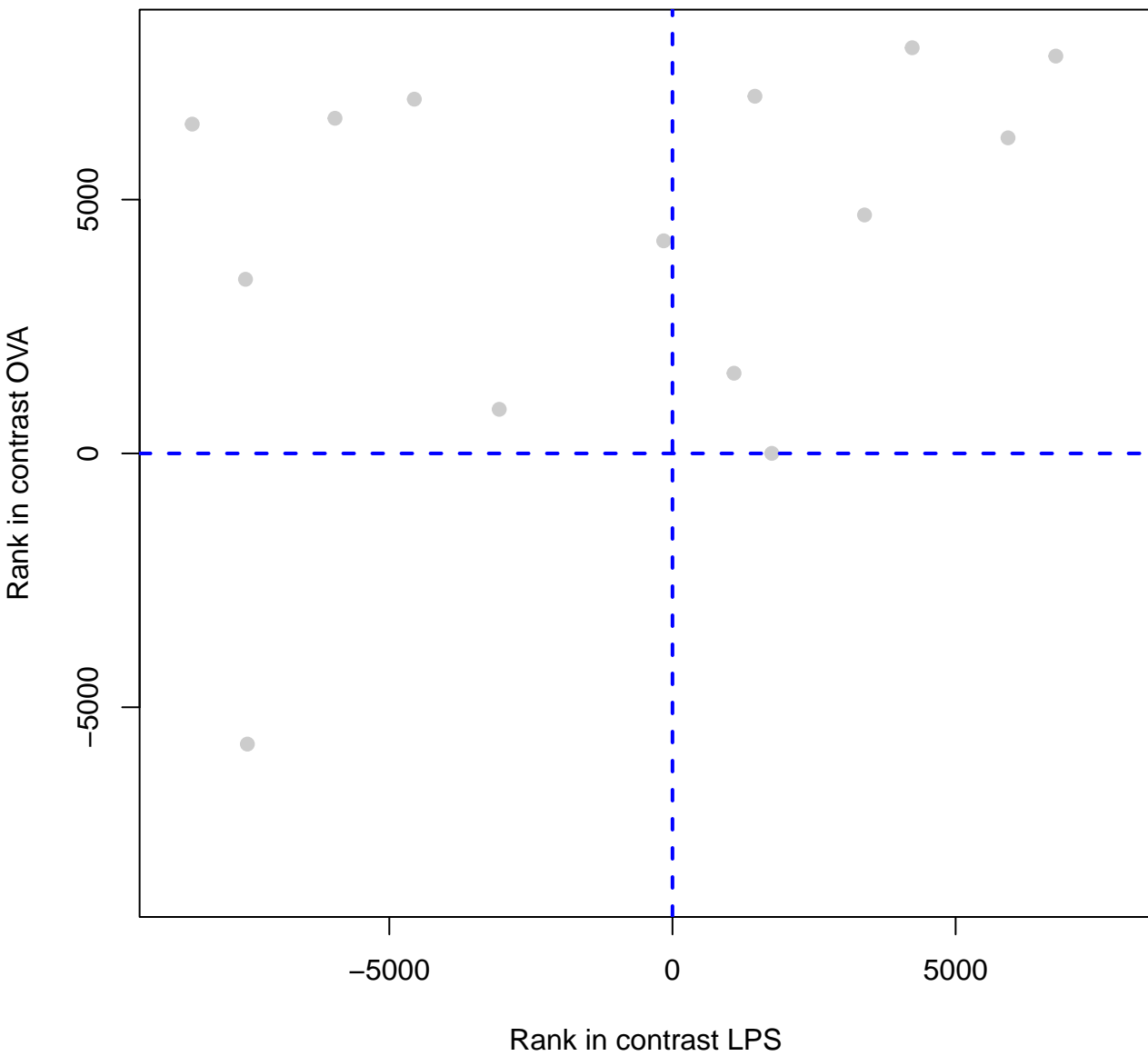
ACTIVATION OF RAC1



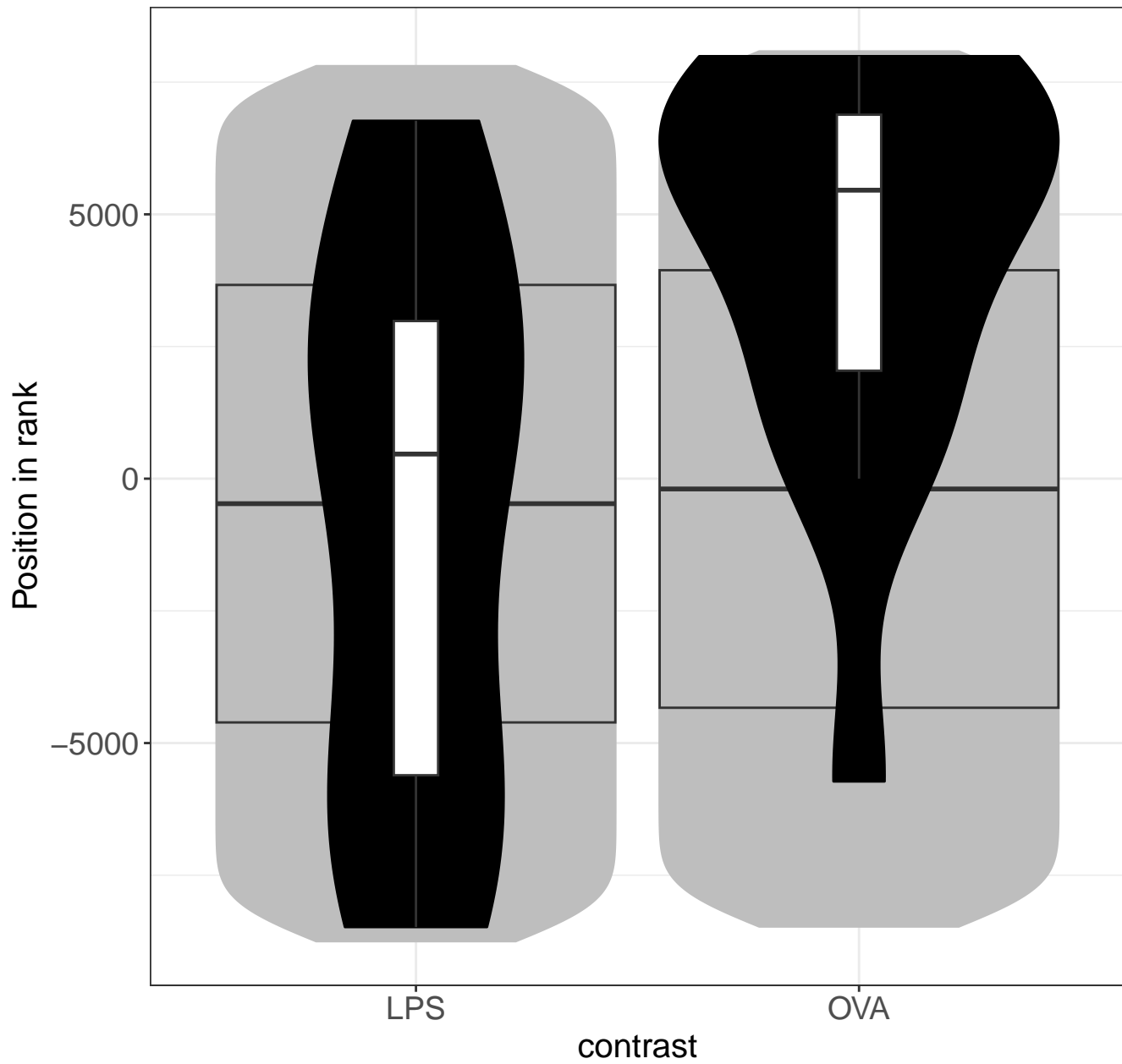
TRIGLYCERIDE CATABOLISM



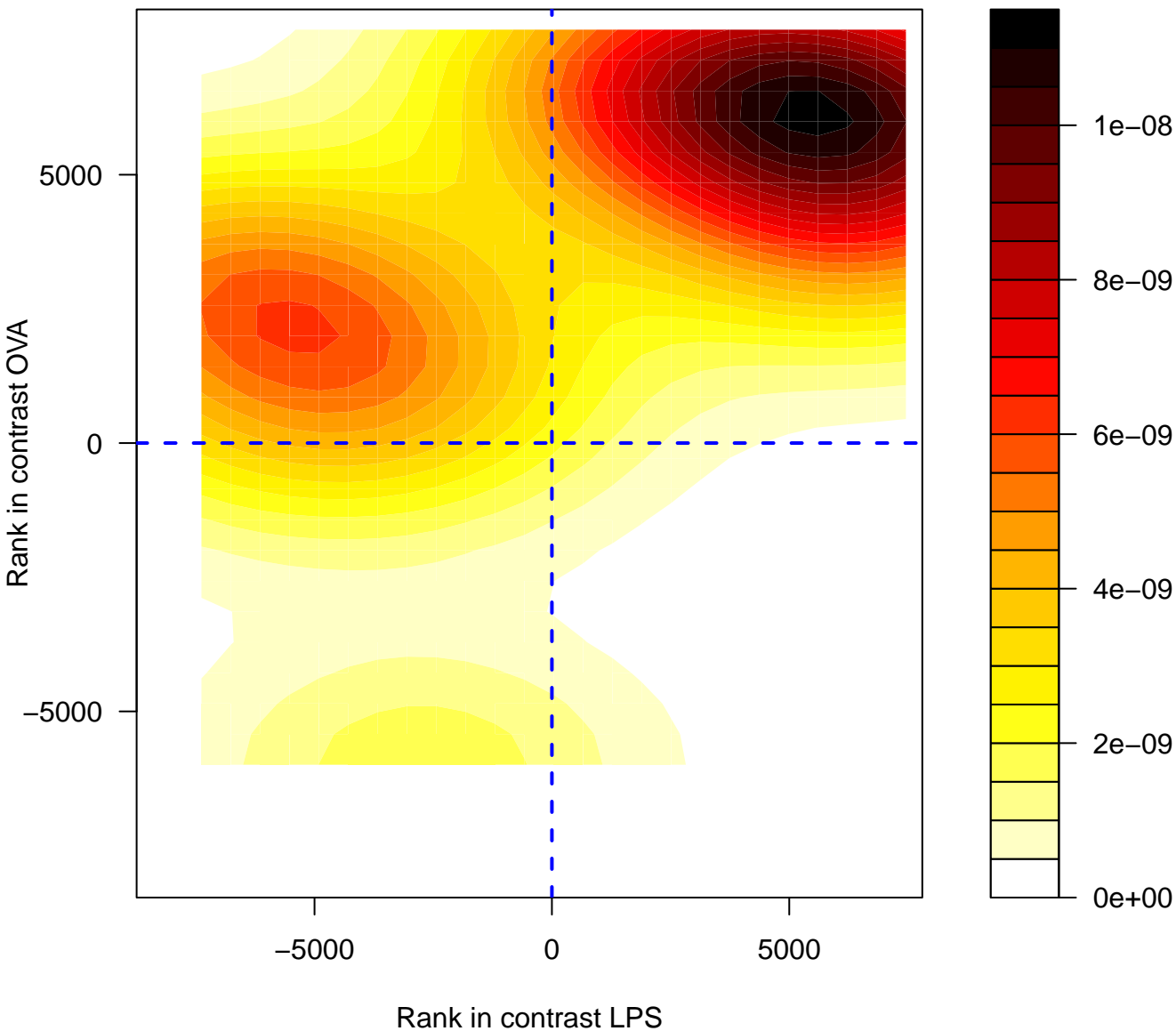
TRIGLYCERIDE CATABOLISM



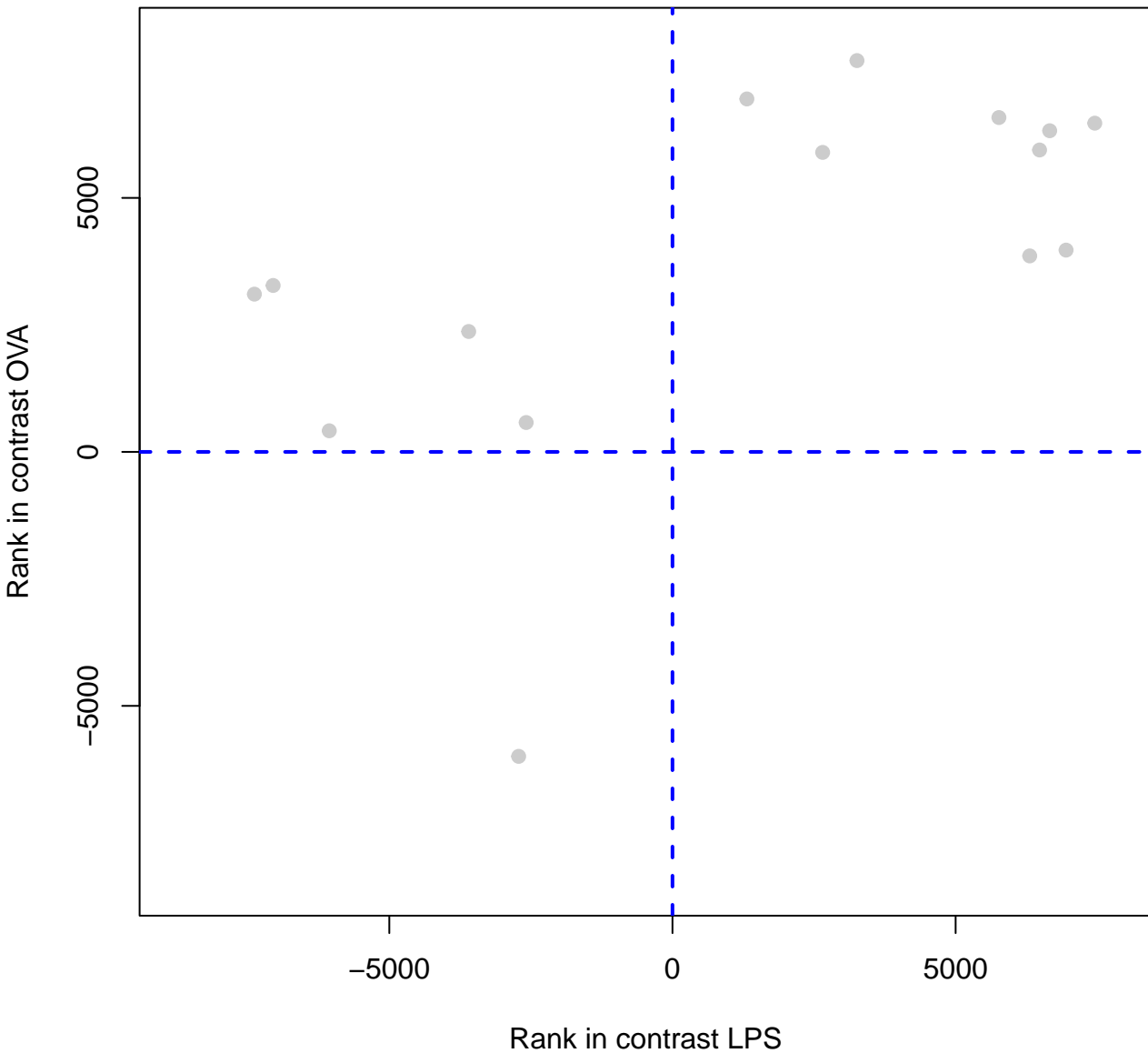
TRIGLYCERIDE CATABOLISM



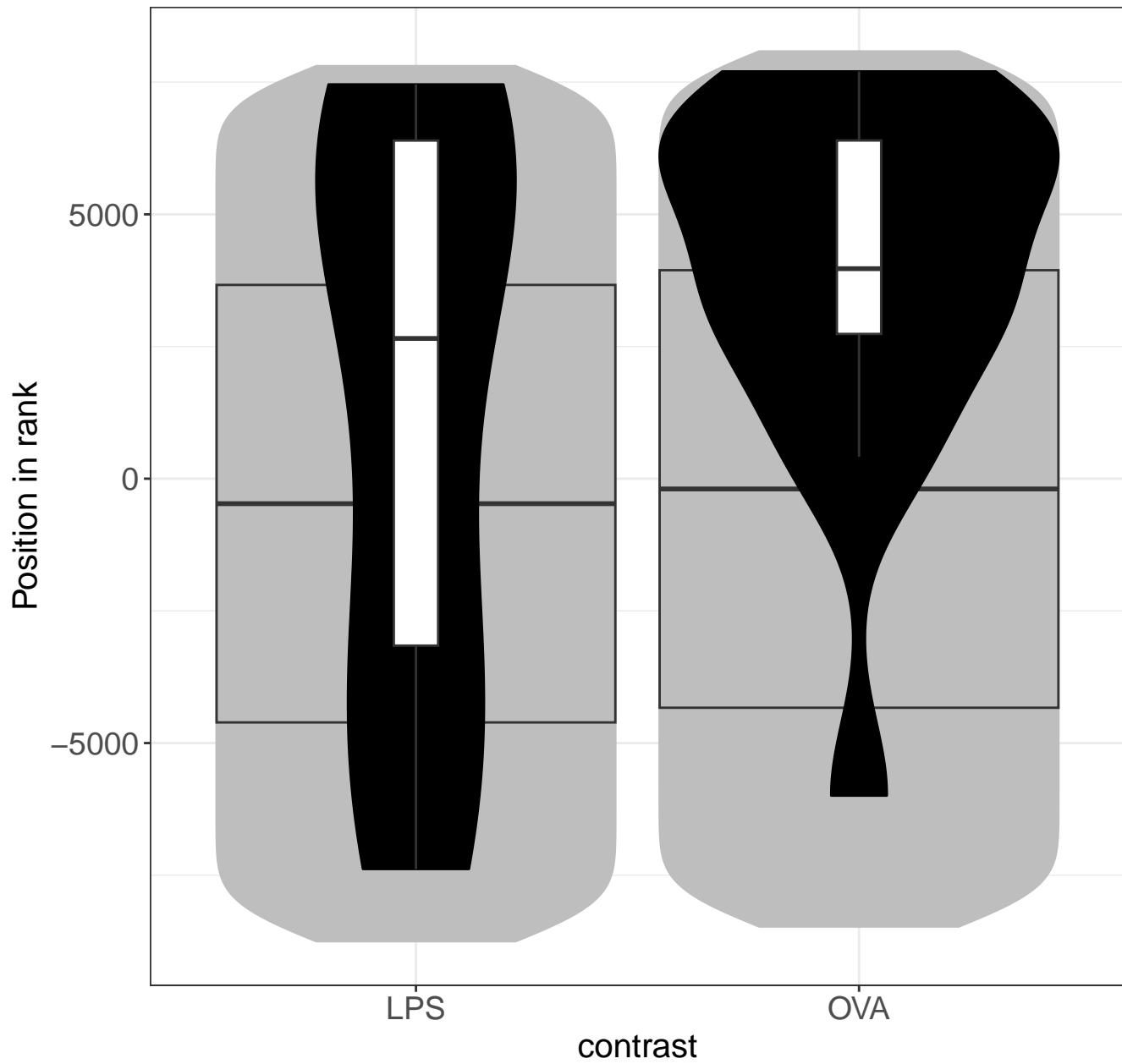
TRANSCRIPTIONAL REGULATION OF PLURIPOTENT STEM (



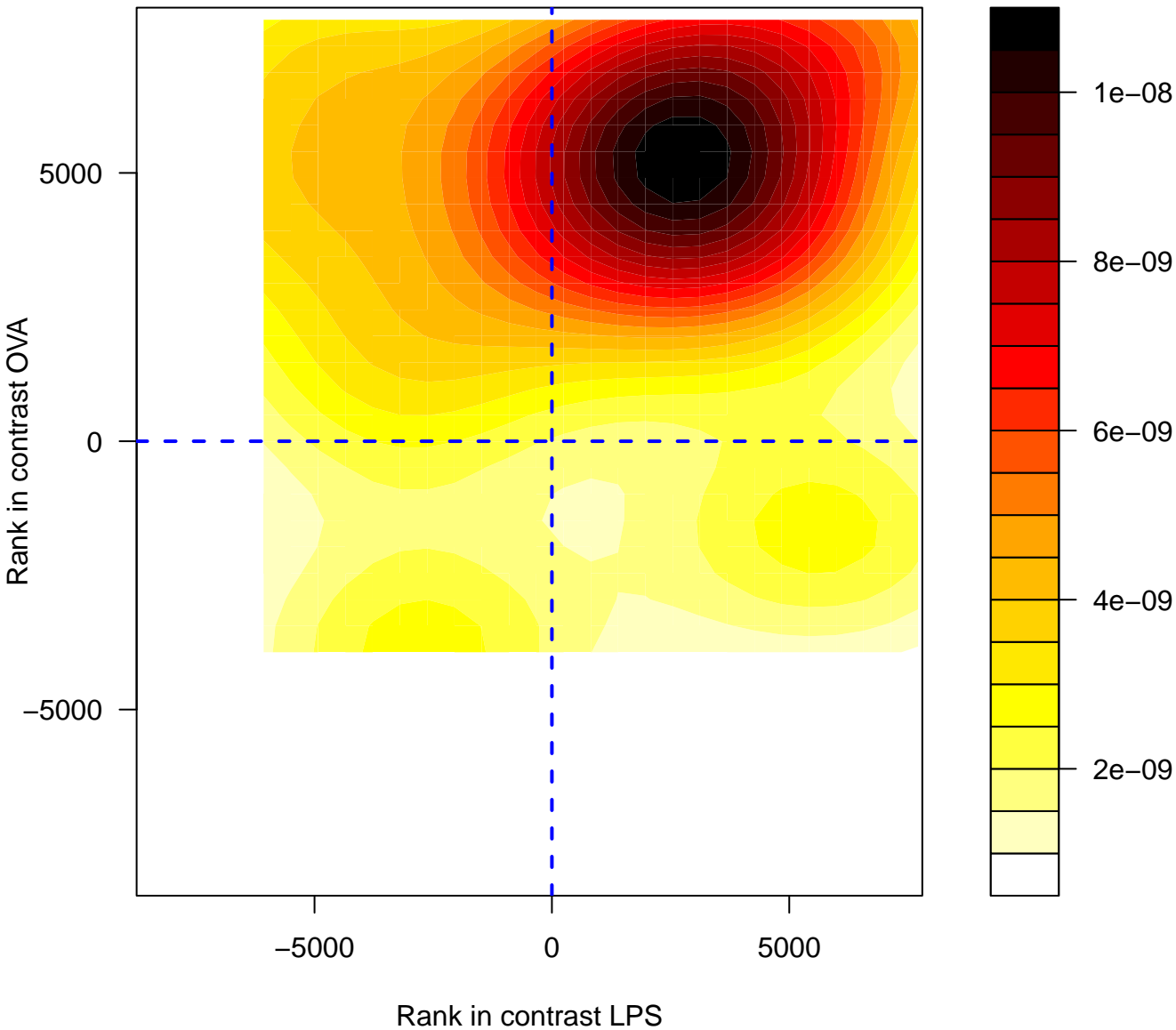
TRANSCRIPTIONAL REGULATION OF PLURIPOTENT STEM CELLS



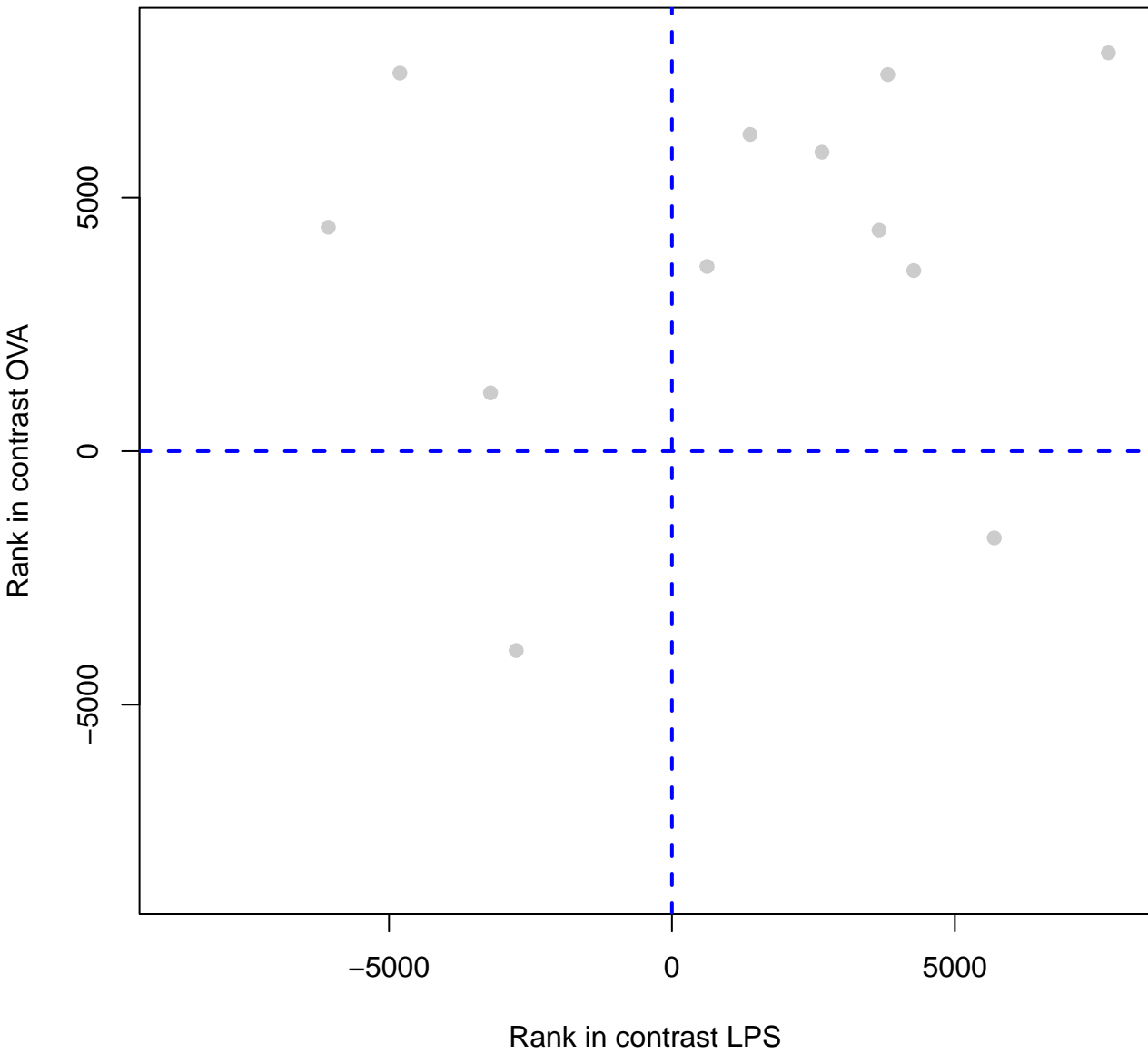
TRANSCRIPTIONAL REGULATION OF PLURIP



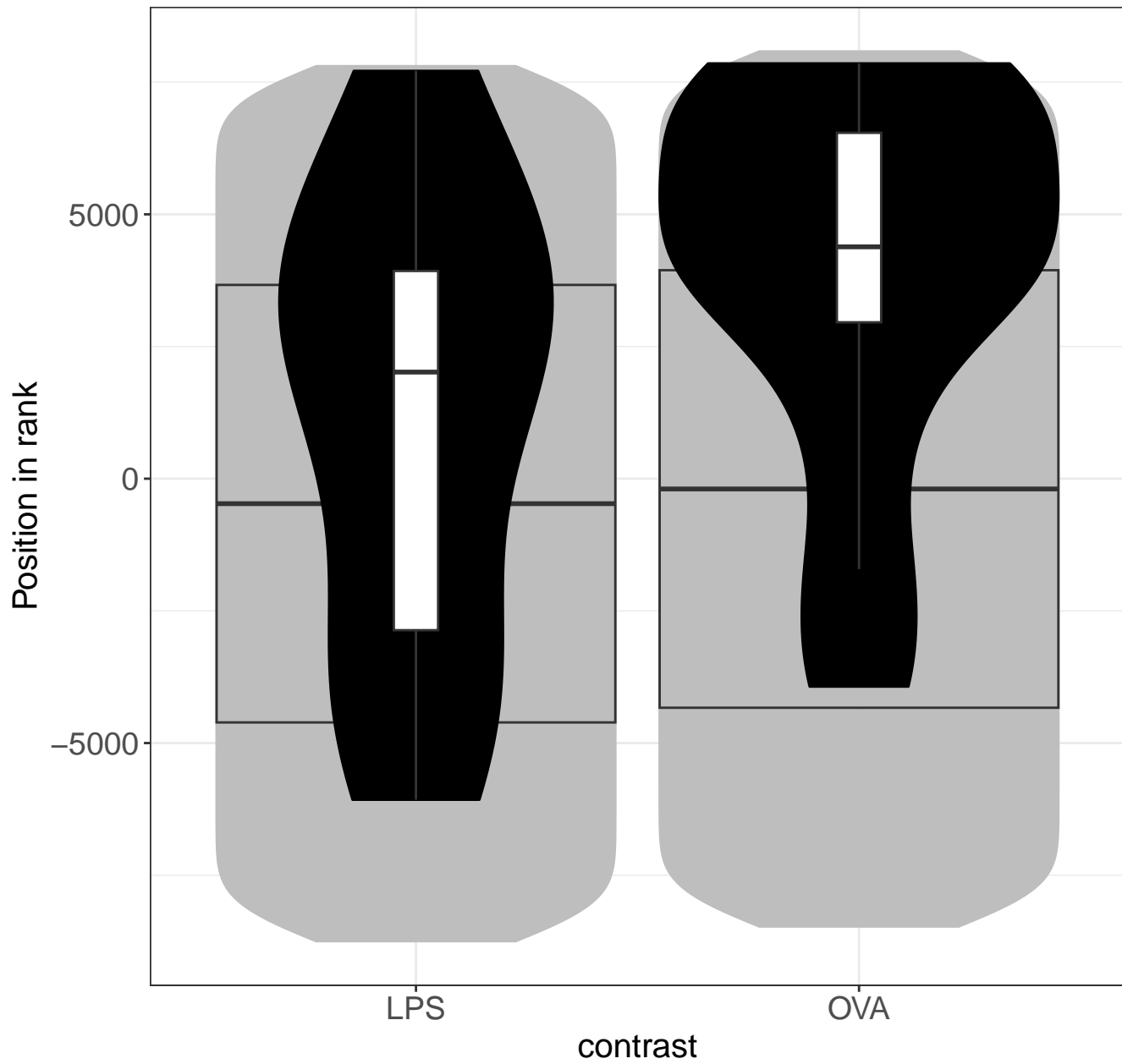
PI 3K CASCADE FGFR3



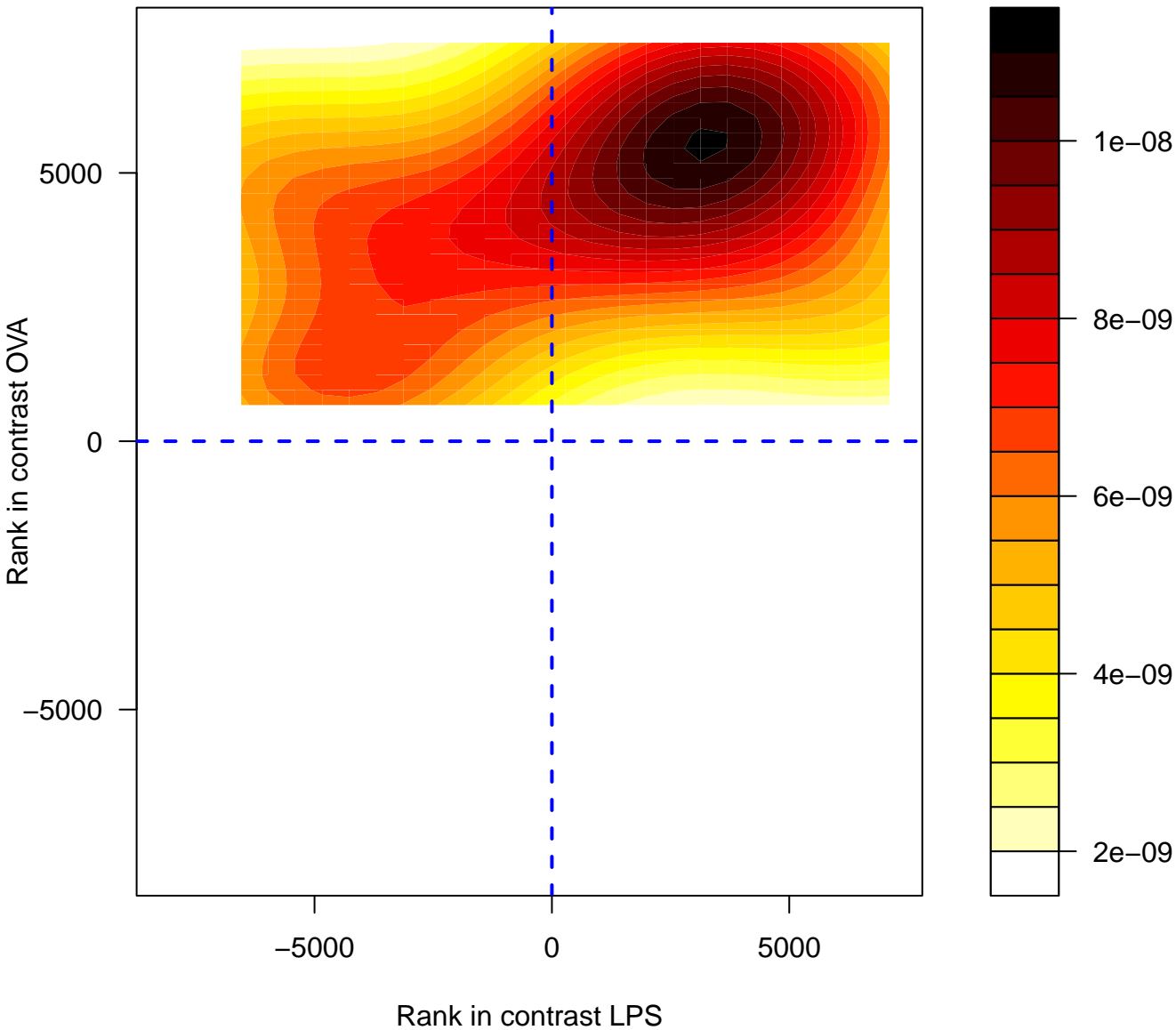
PI 3K CASCADE FGFR3



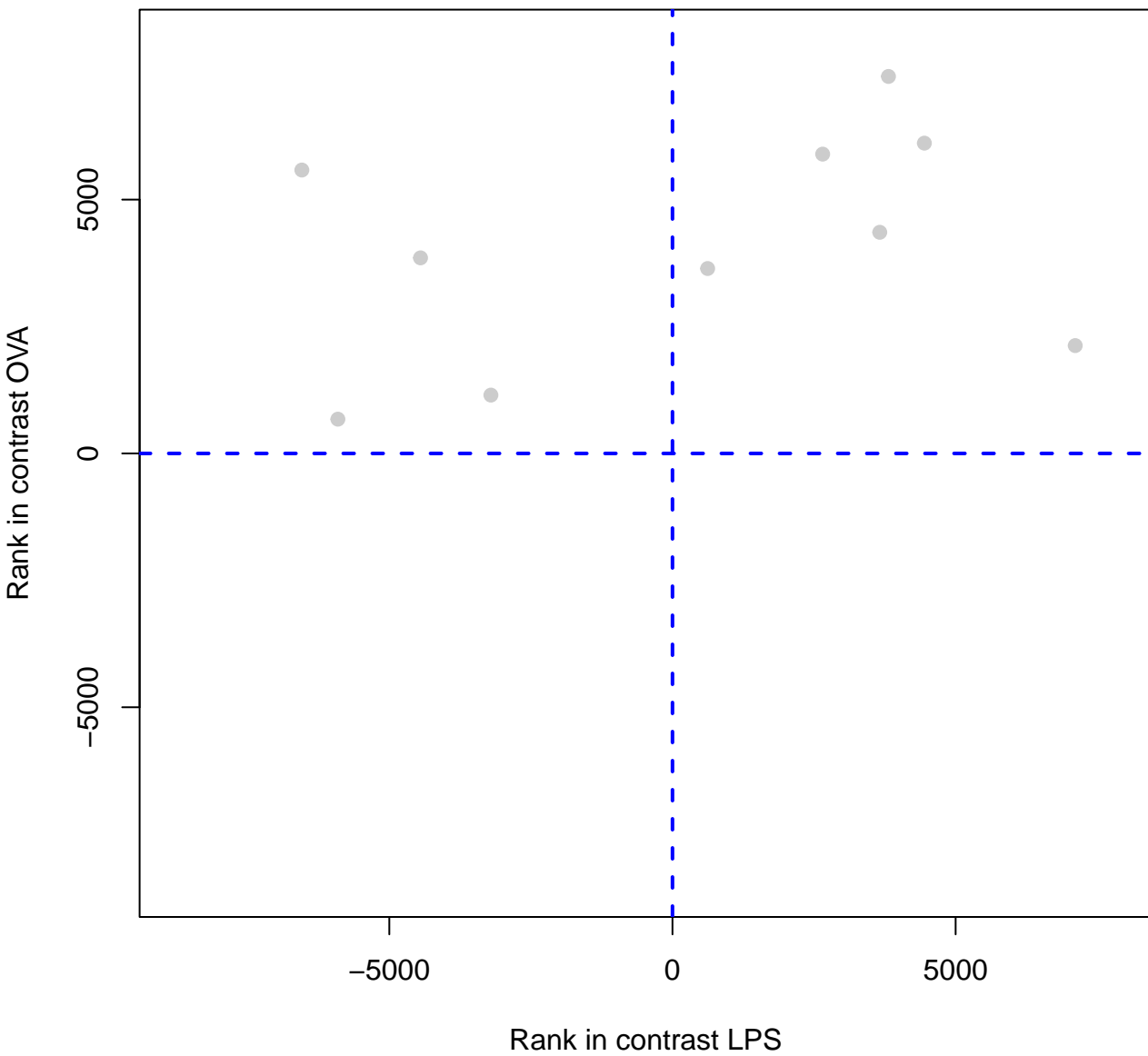
PI 3K CASCADE FGFR3



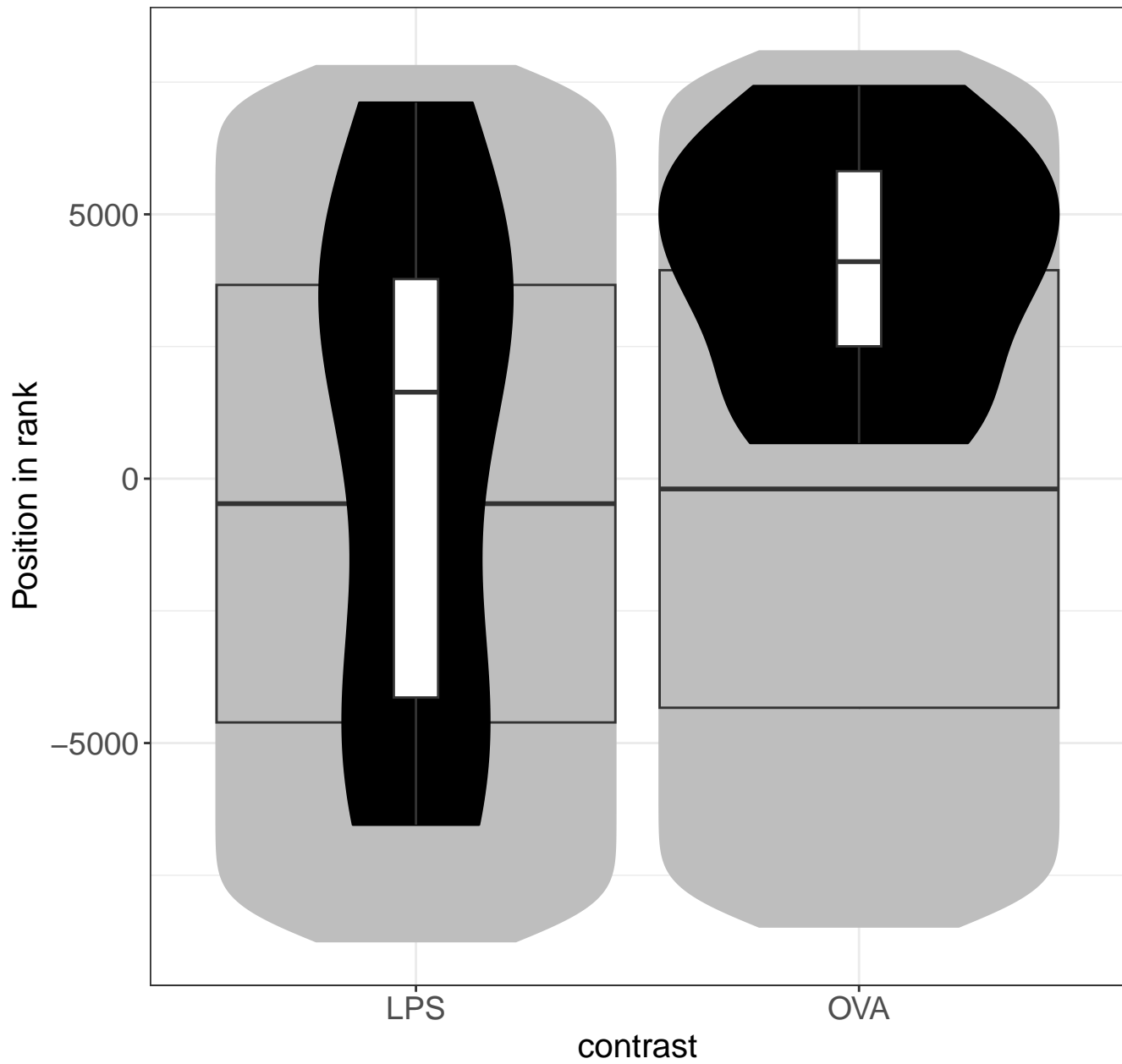
SHC MEDIATED CASCADE FGFR4



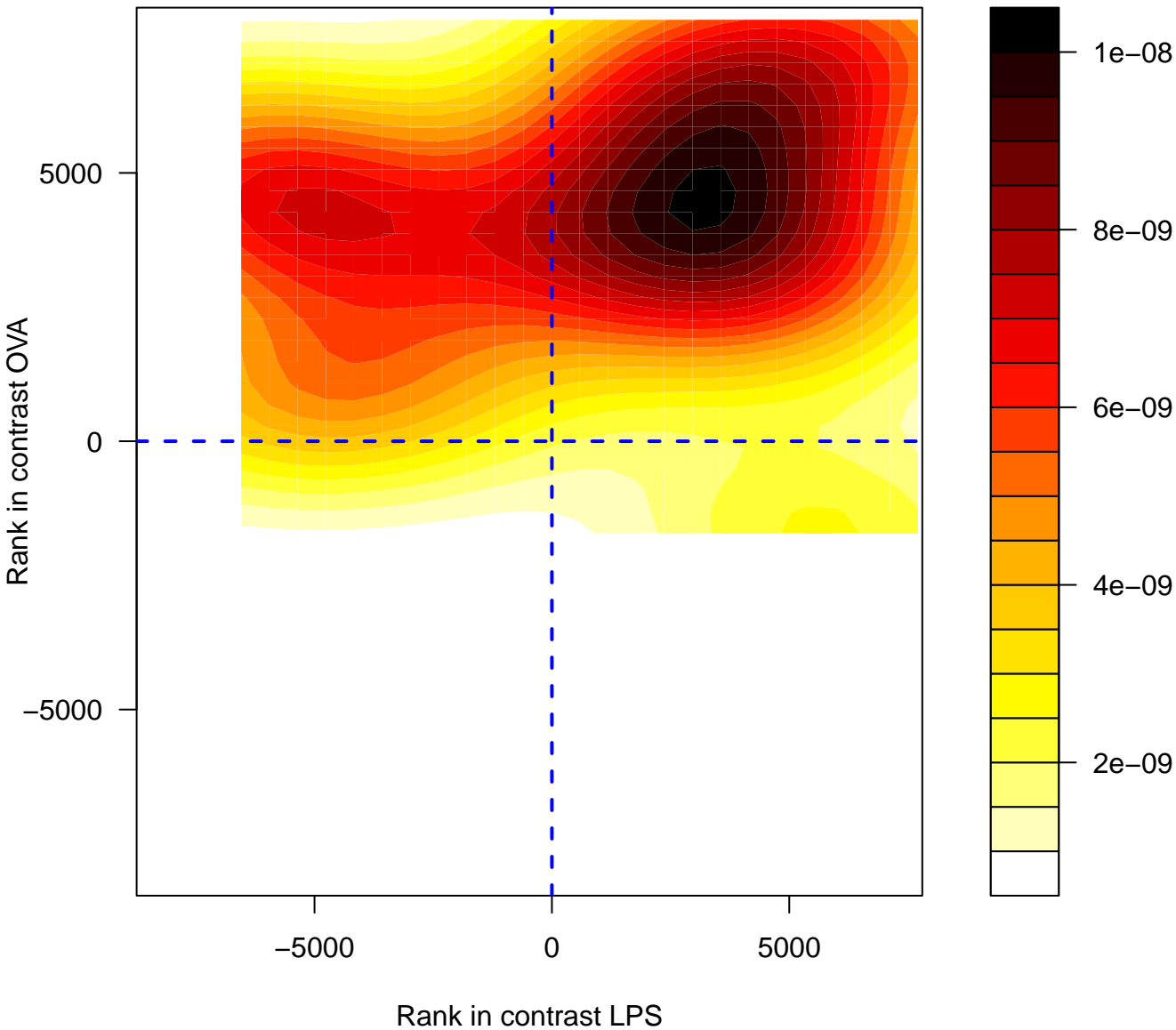
SHC MEDIATED CASCADE FGFR4



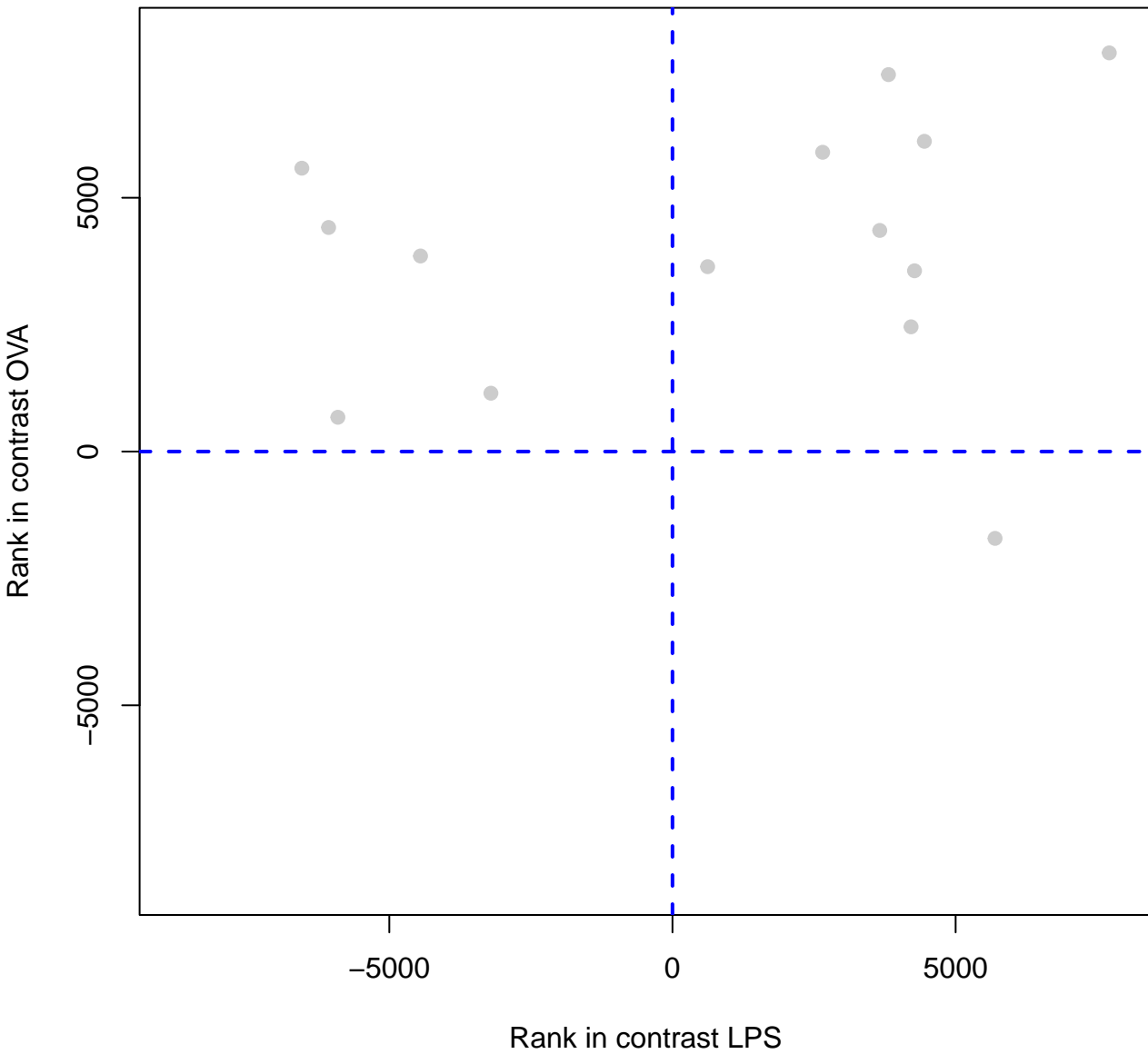
SHC MEDIATED CASCADE FGFR4



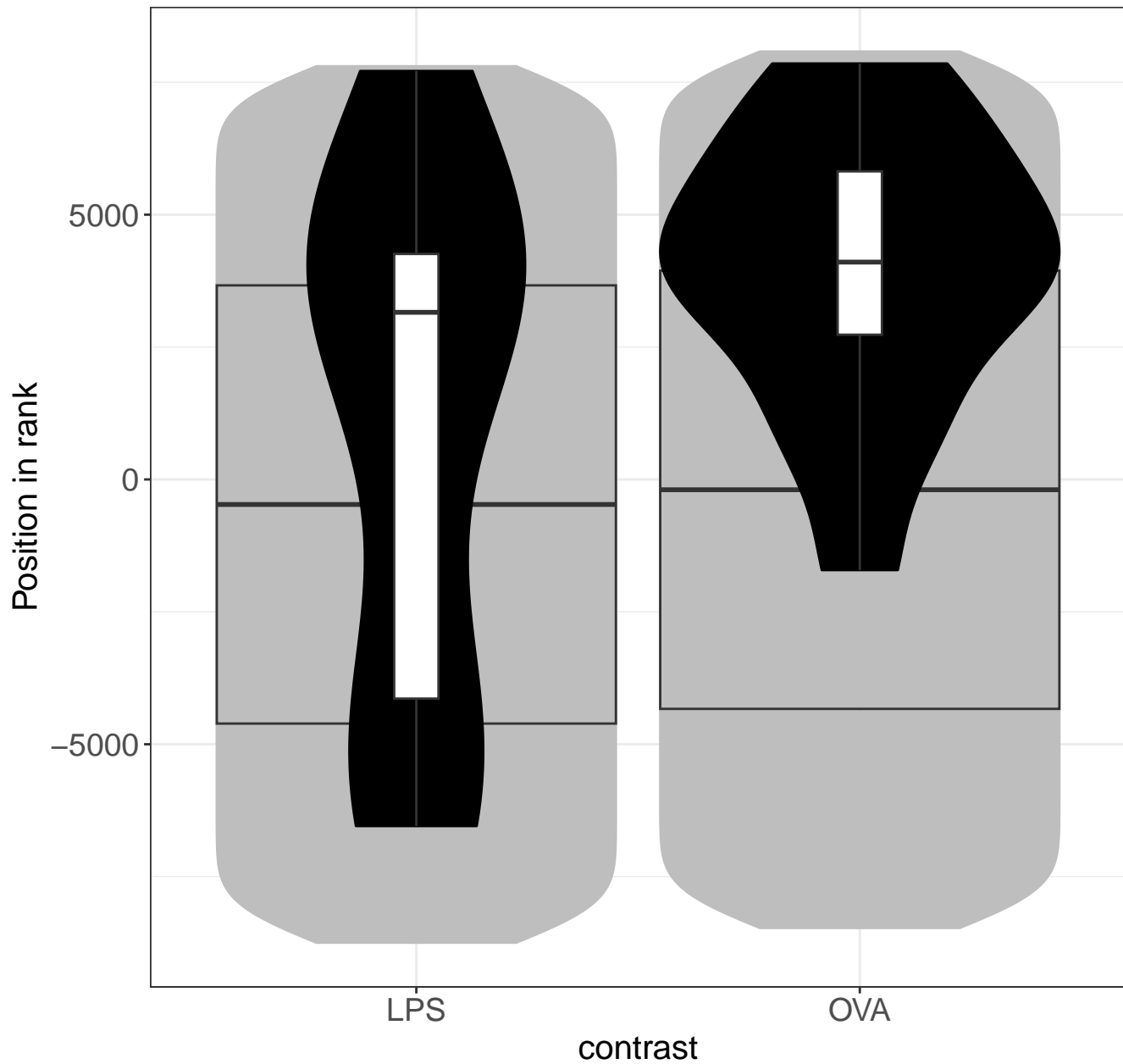
FRS MEDIATED FGFR3 SIGNALING



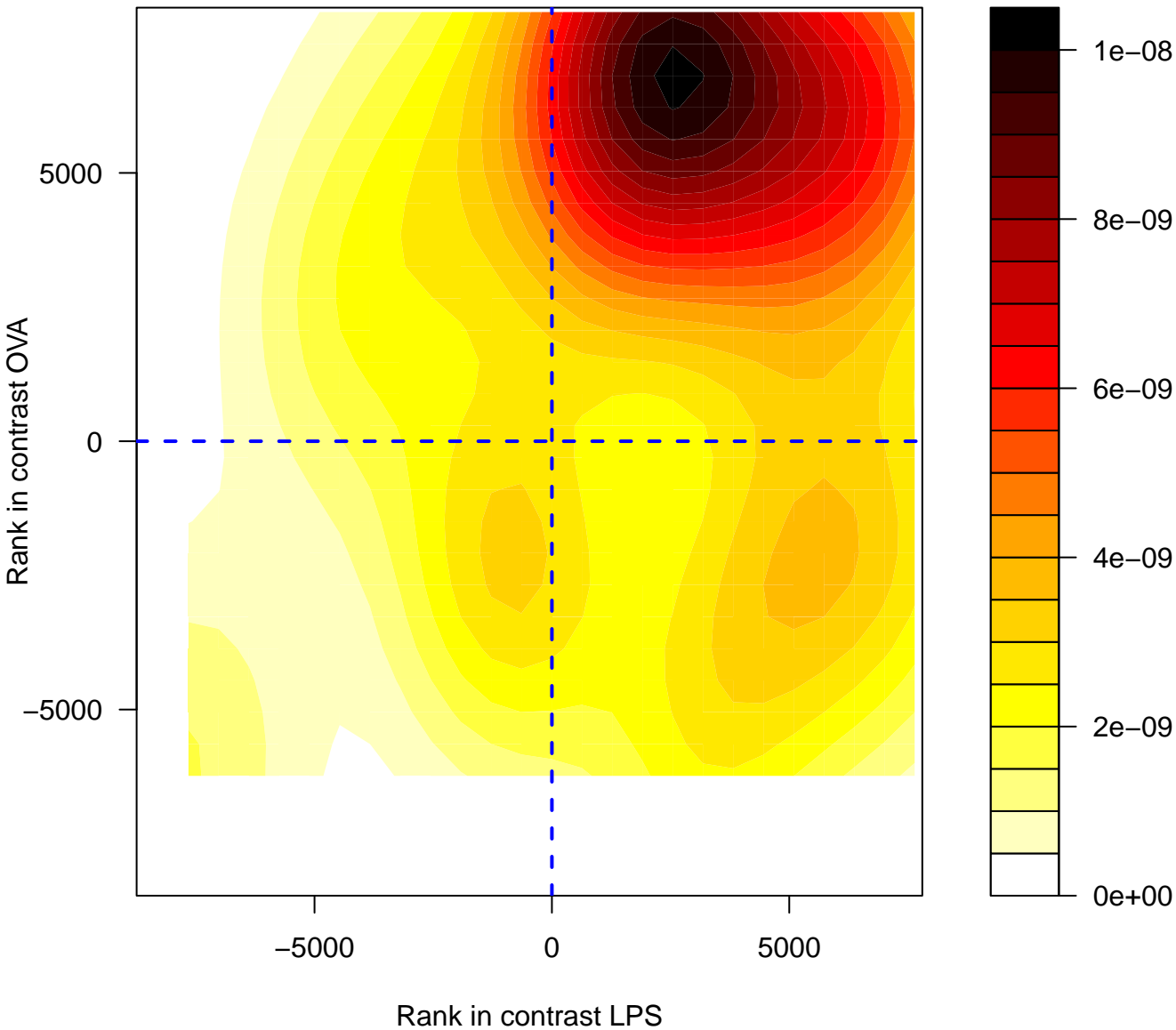
FRS MEDIATED FGFR3 SIGNALING



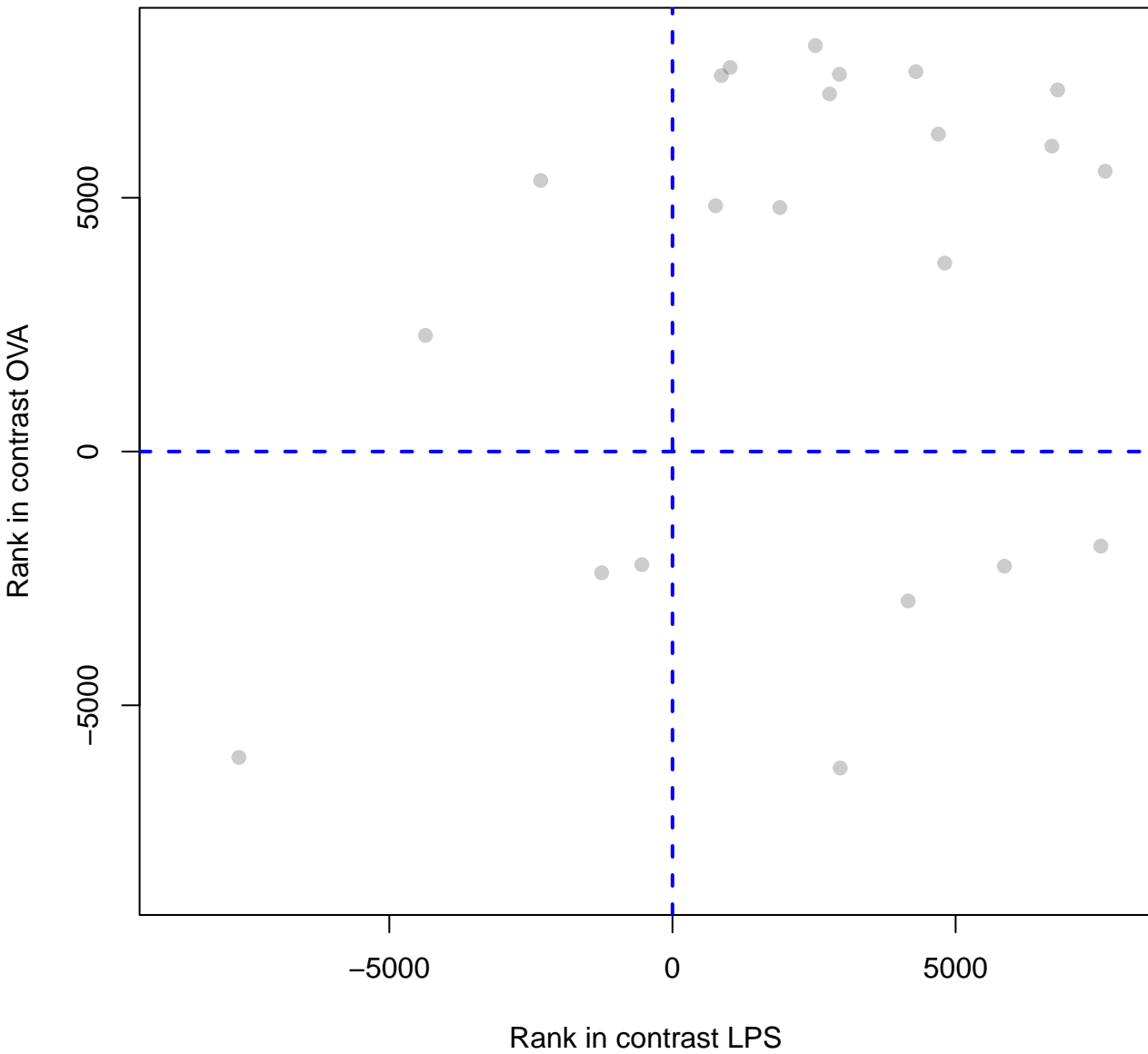
FRS MEDIATED FGFR3 SIGNALING



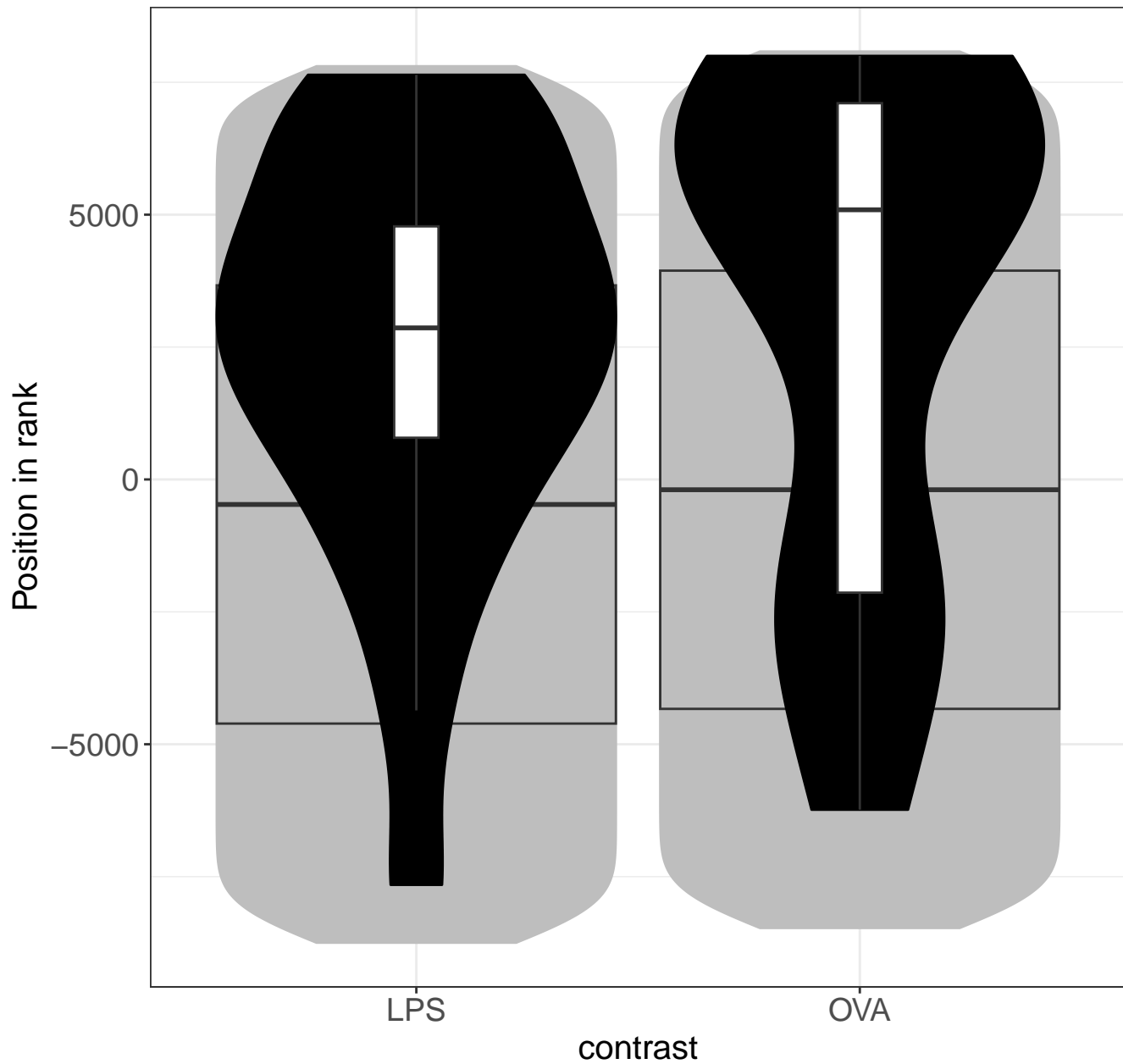
COMPLEMENT CASCADE



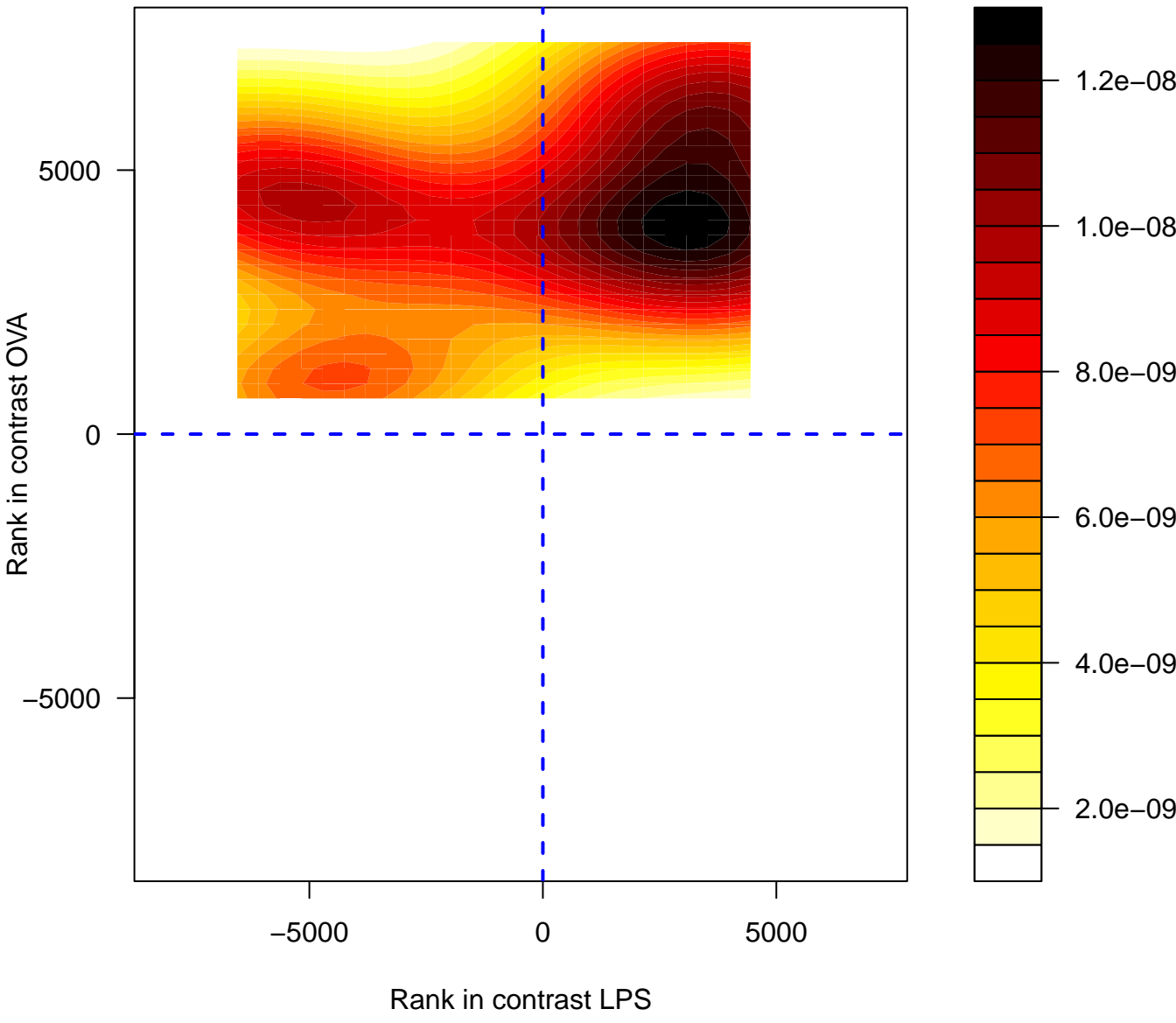
COMPLEMENT CASCADE



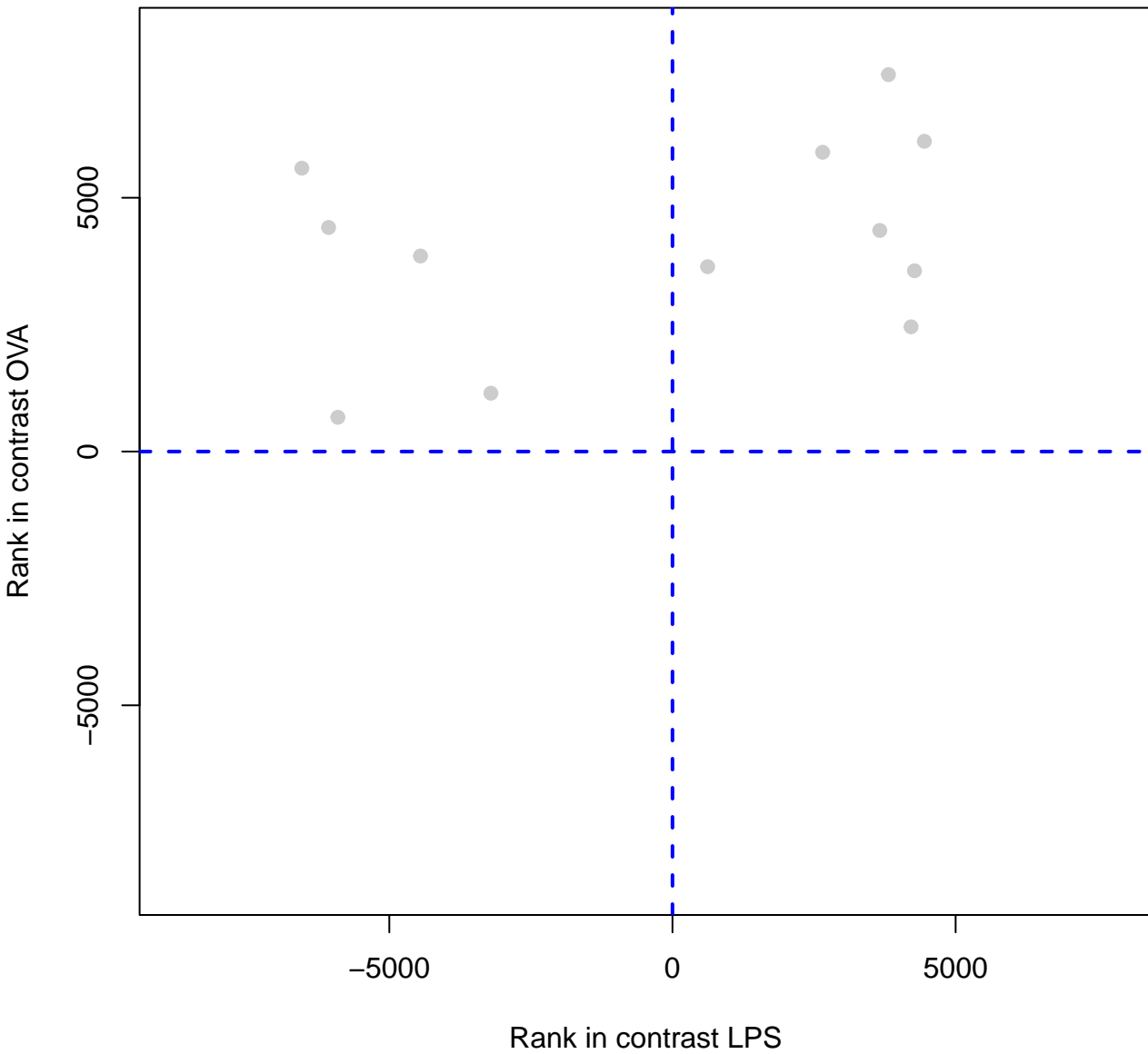
COMPLEMENT CASCADE



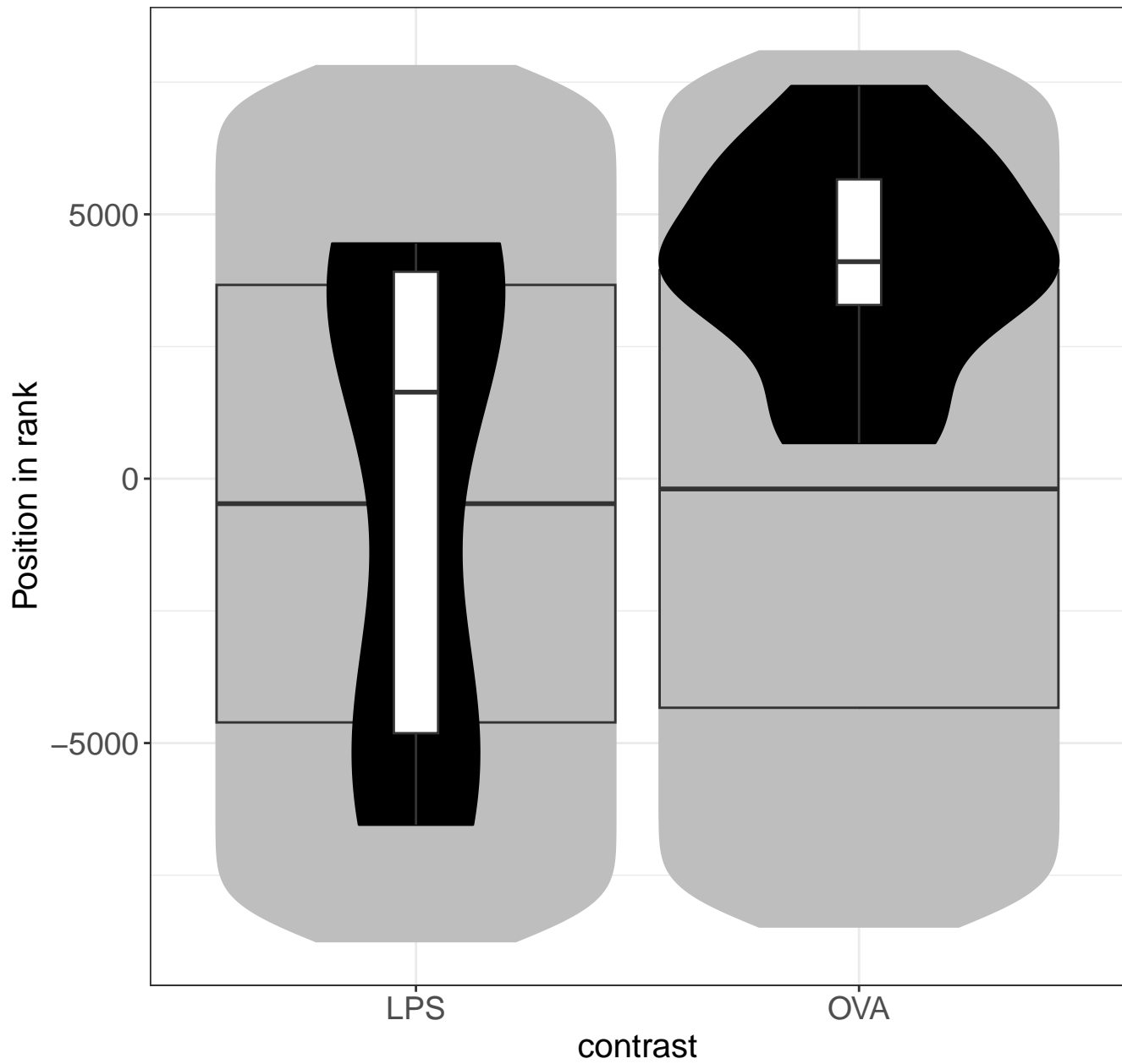
FRS MEDIATED FGFR4 SIGNALING



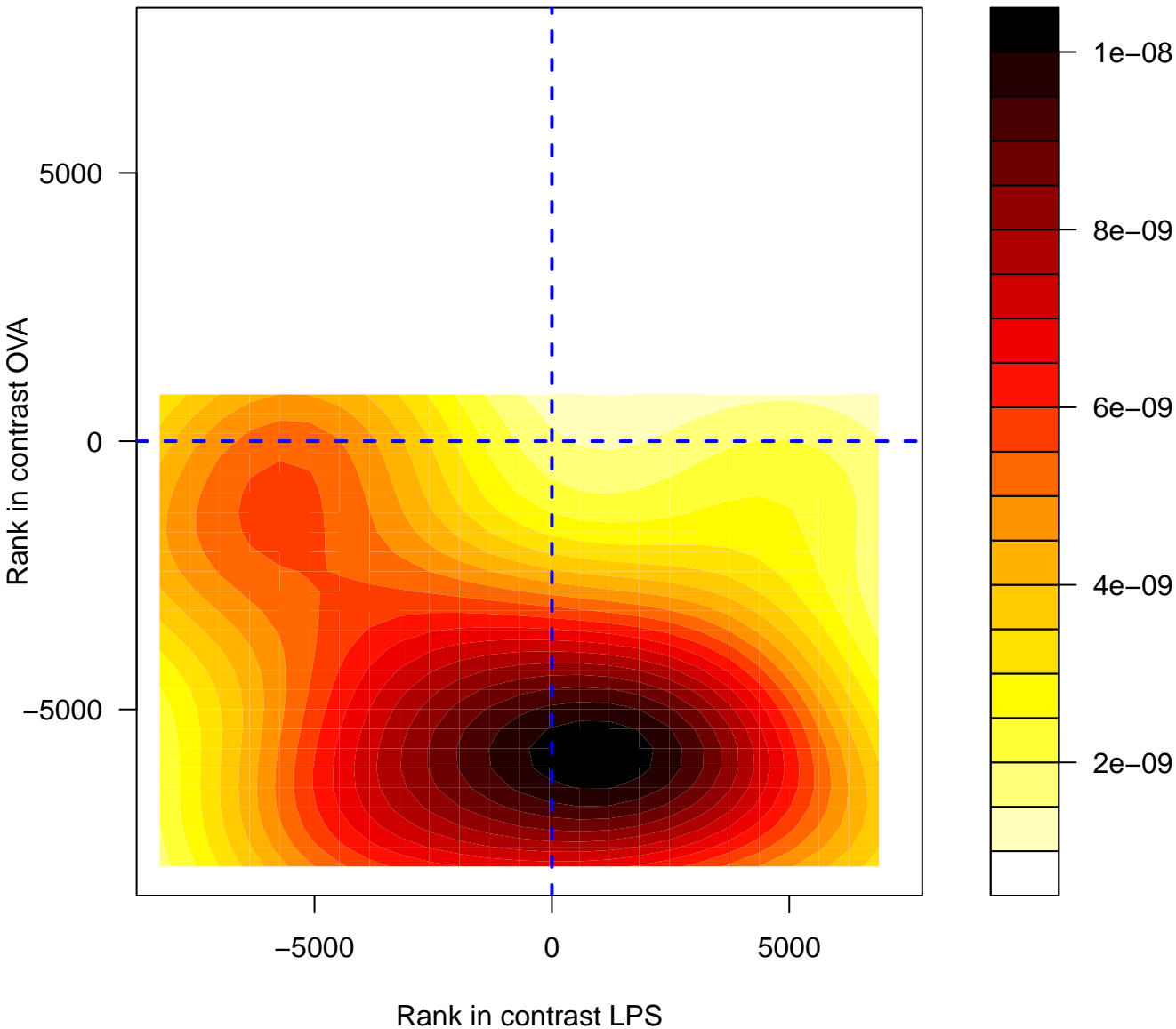
FRS MEDIATED FGFR4 SIGNALING



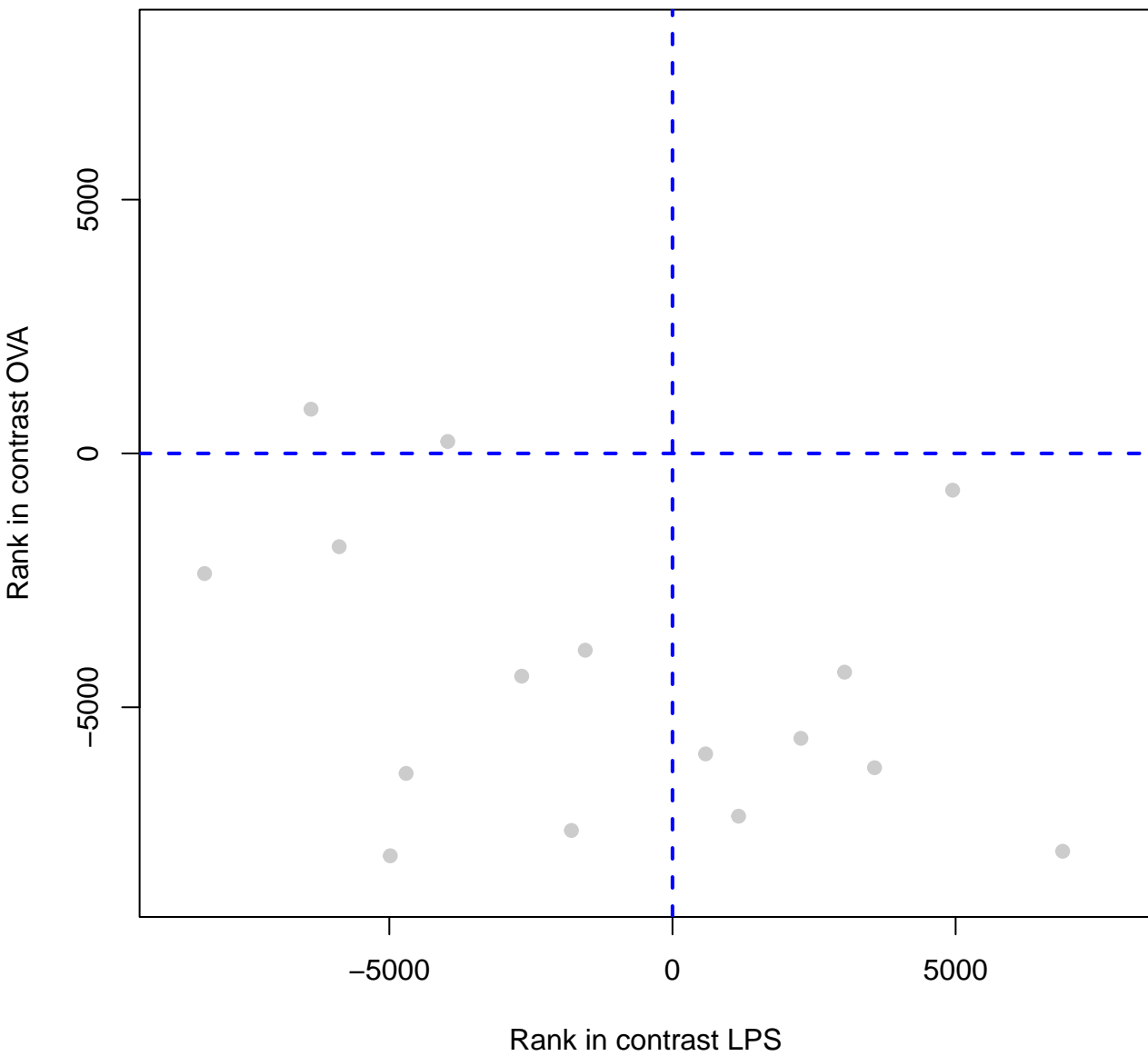
FRS MEDIATED FGFR4 SIGNALING



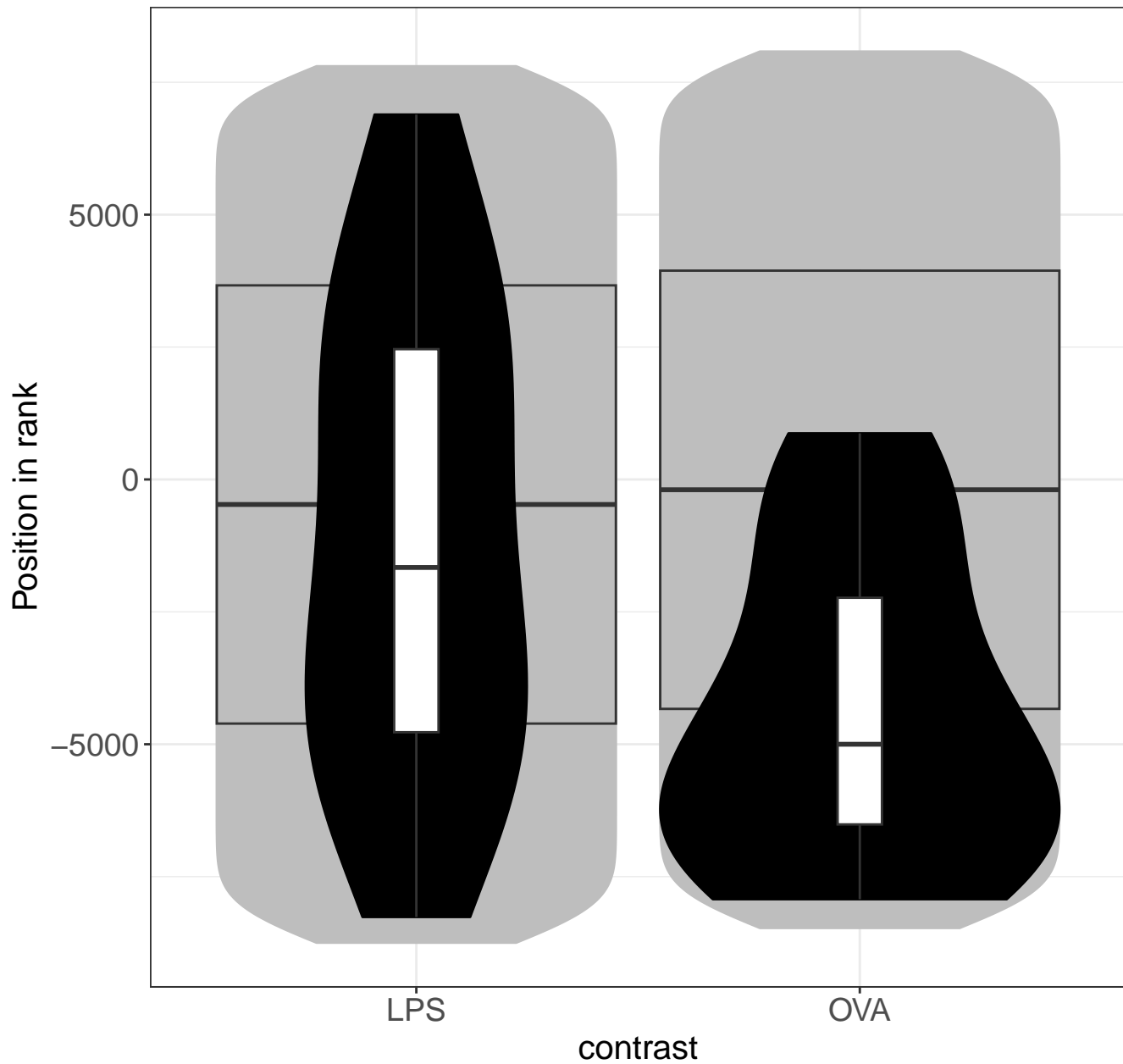
CRMP5 IN SEMA3A SIGNALING



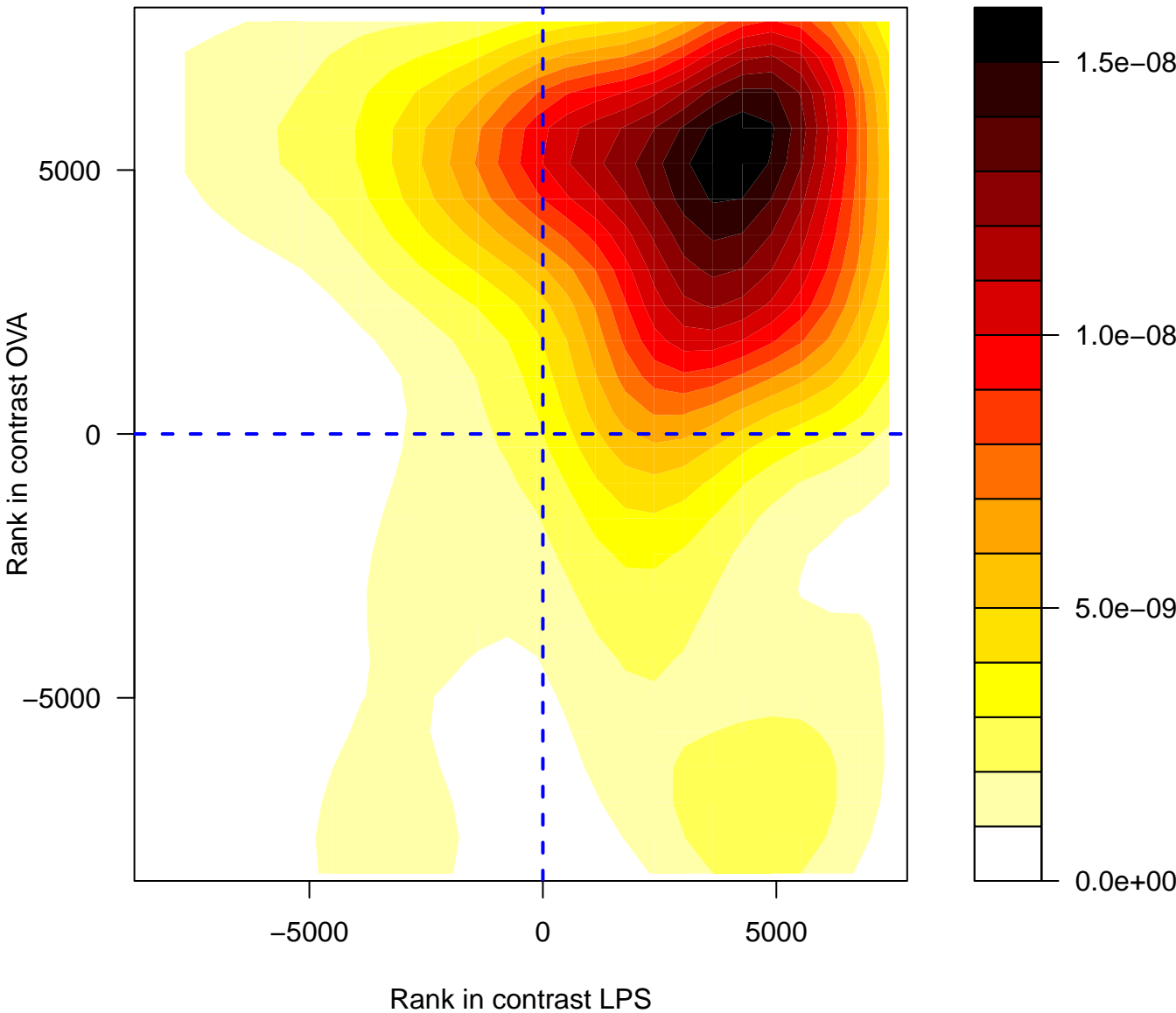
CRMP5 IN SEMA3A SIGNALING



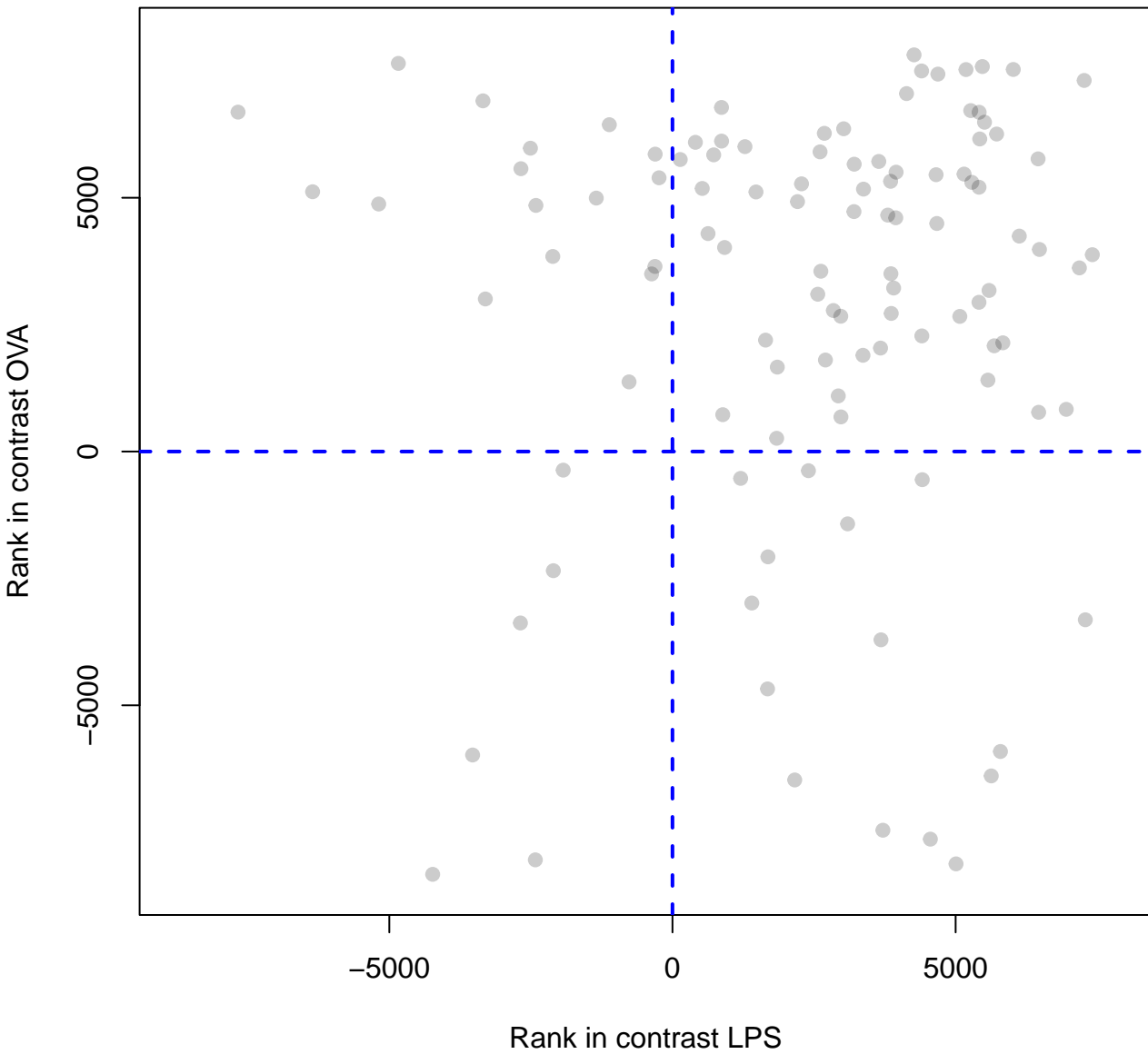
CRMP5 IN SEMA3A SIGNALING



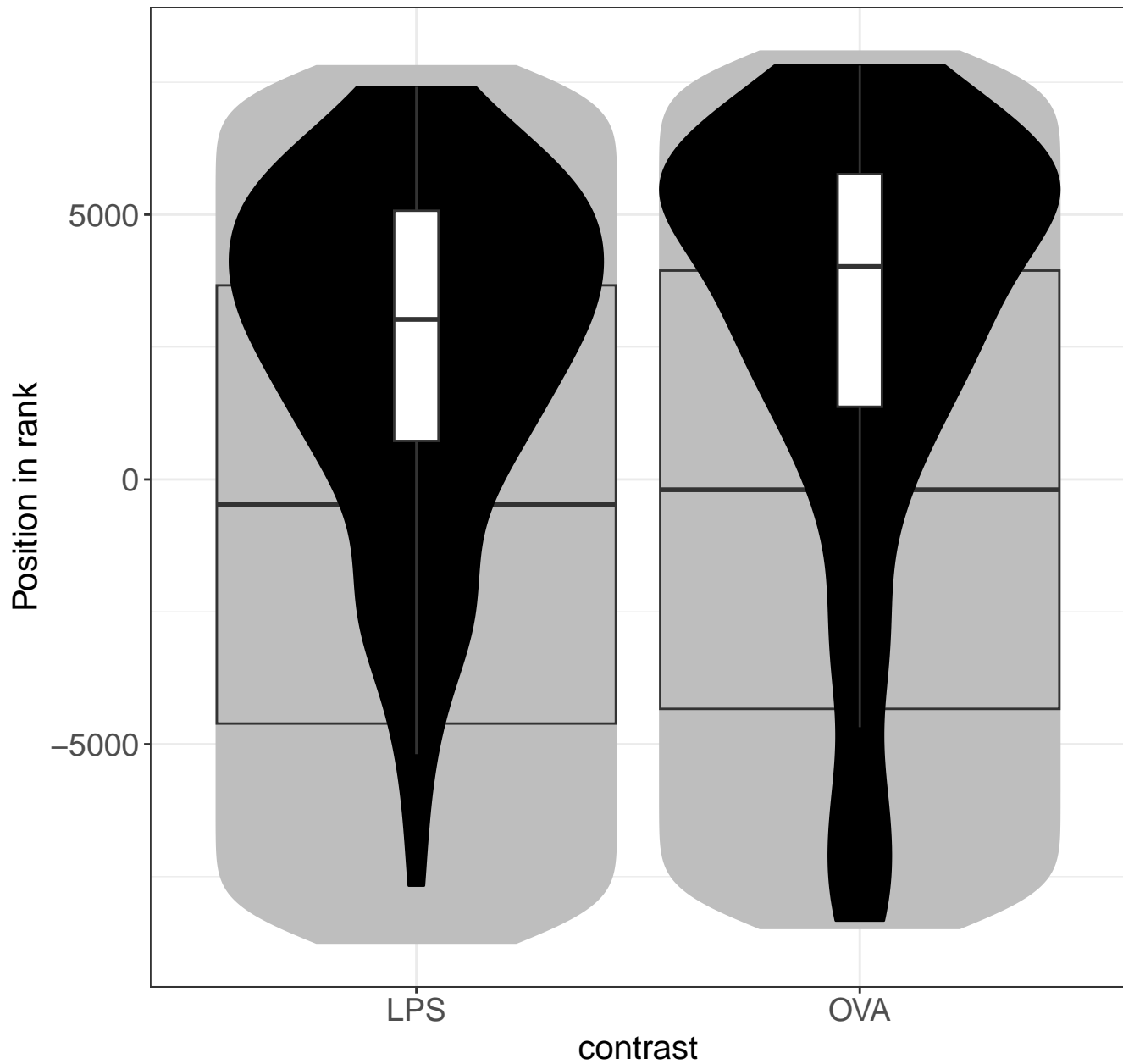
NONSENSE MEDIATED DECAY NMD



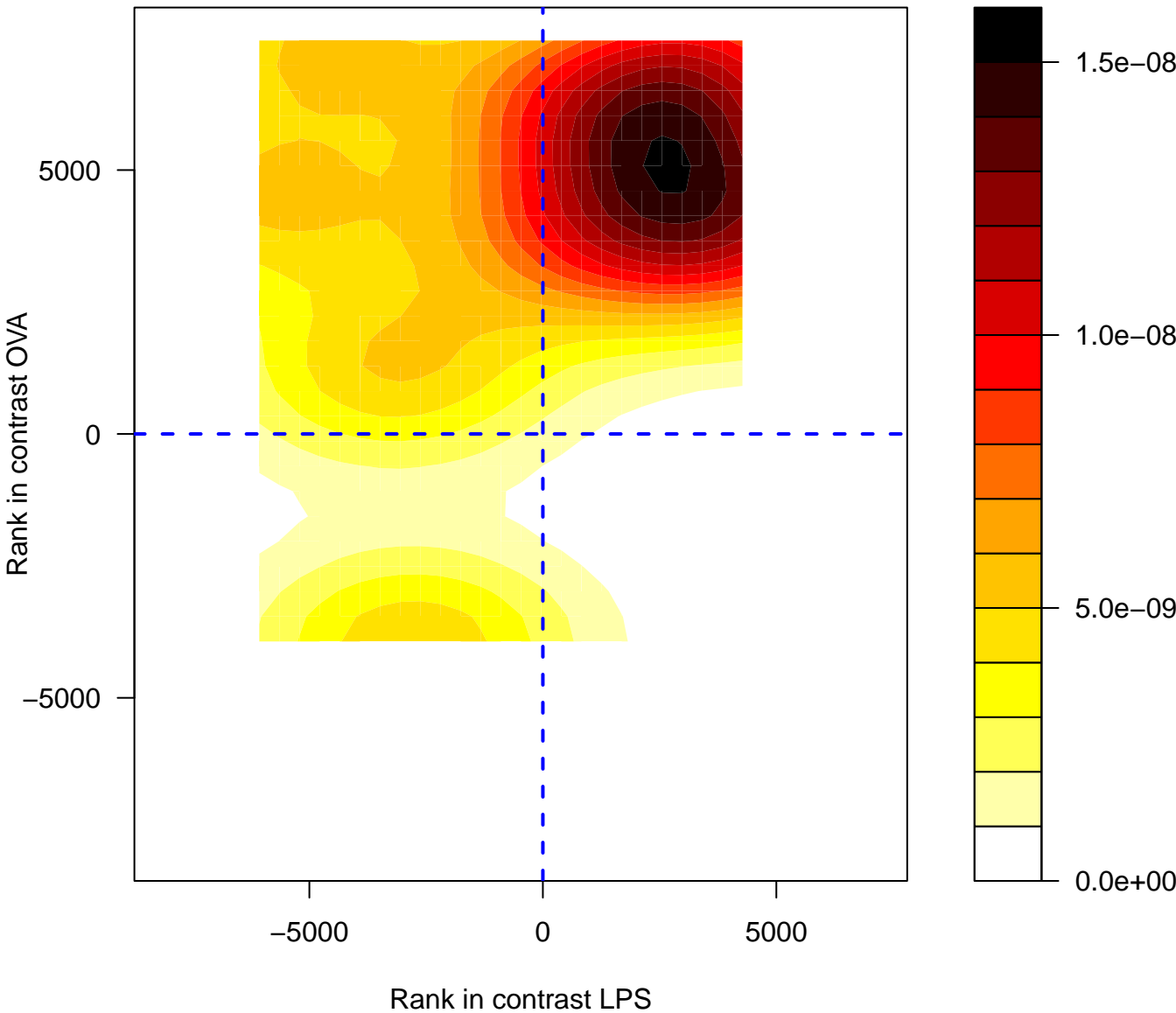
NONSENSE MEDIATED DECAY NMD



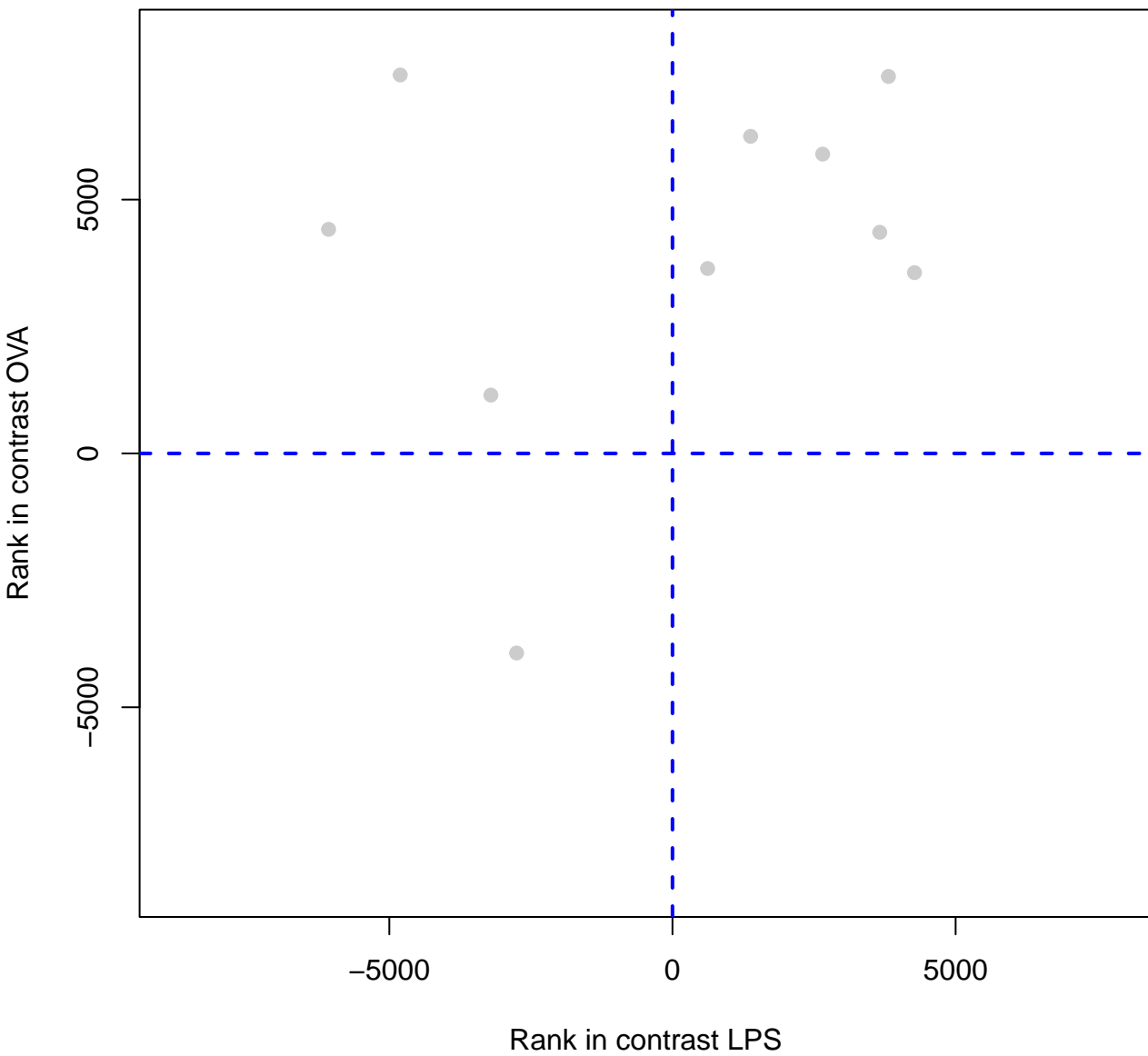
NONSENSE MEDIATED DECAY NMD



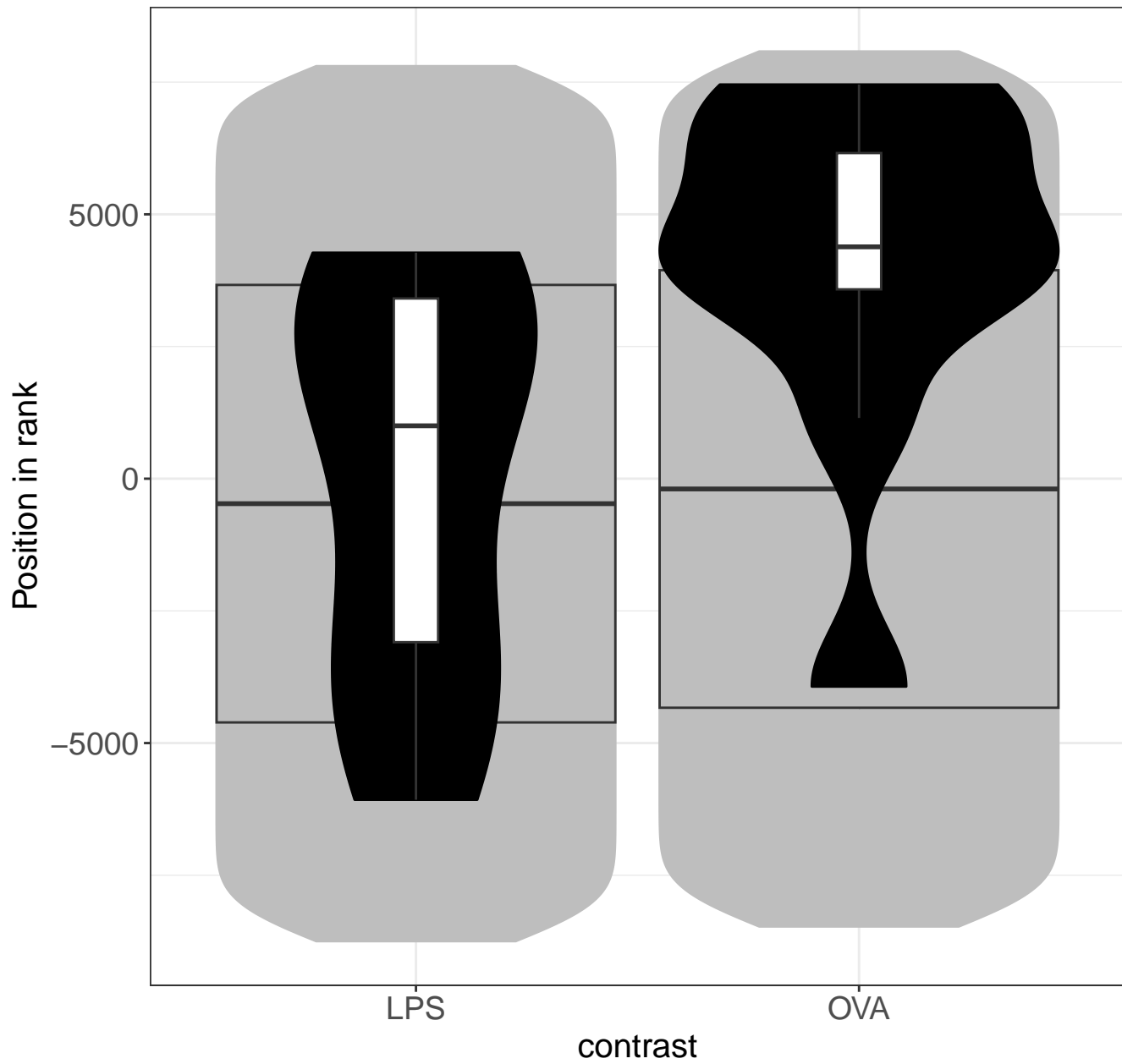
PI 3K CASCADE FGFR4



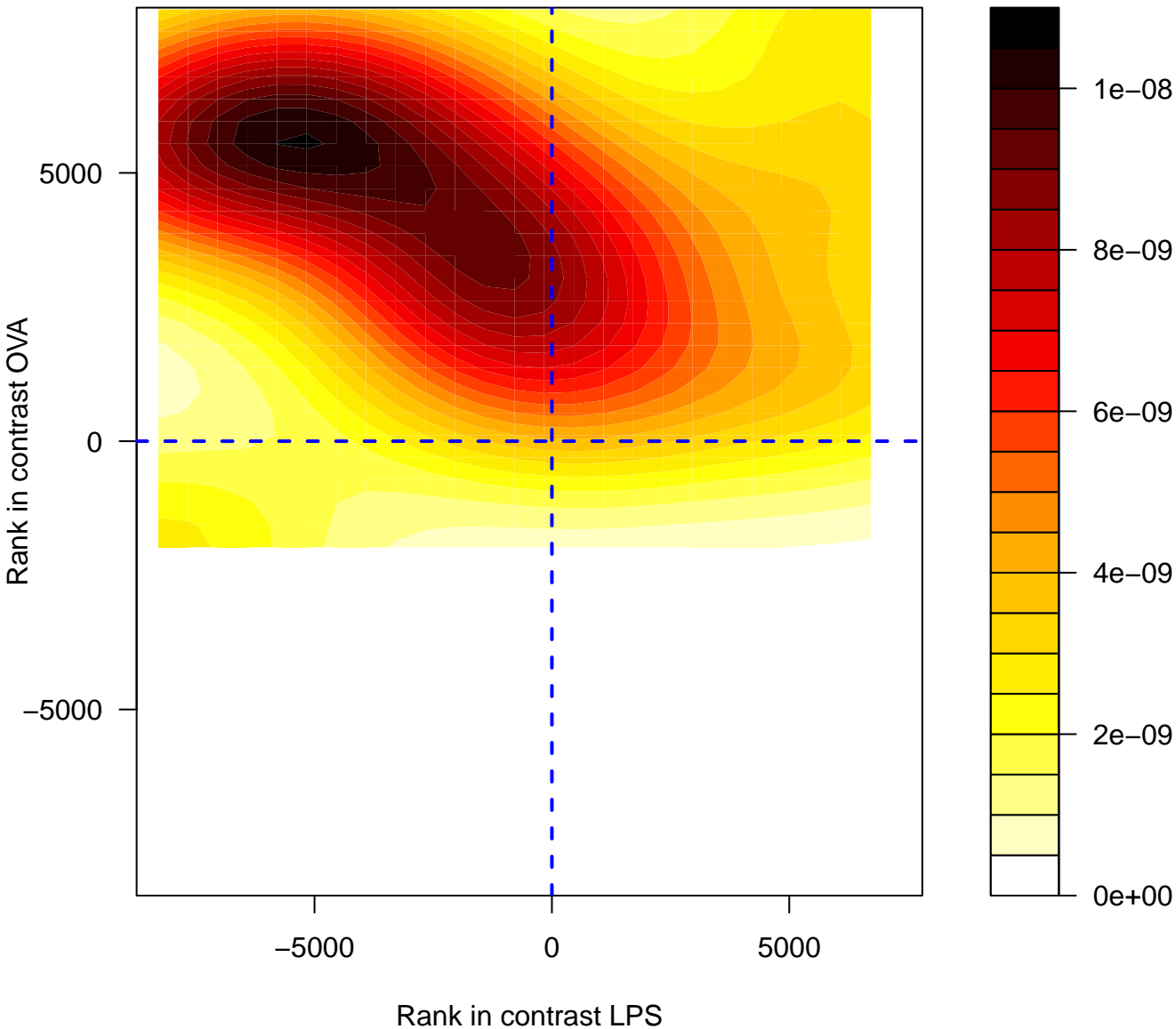
PI 3K CASCADE FGFR4



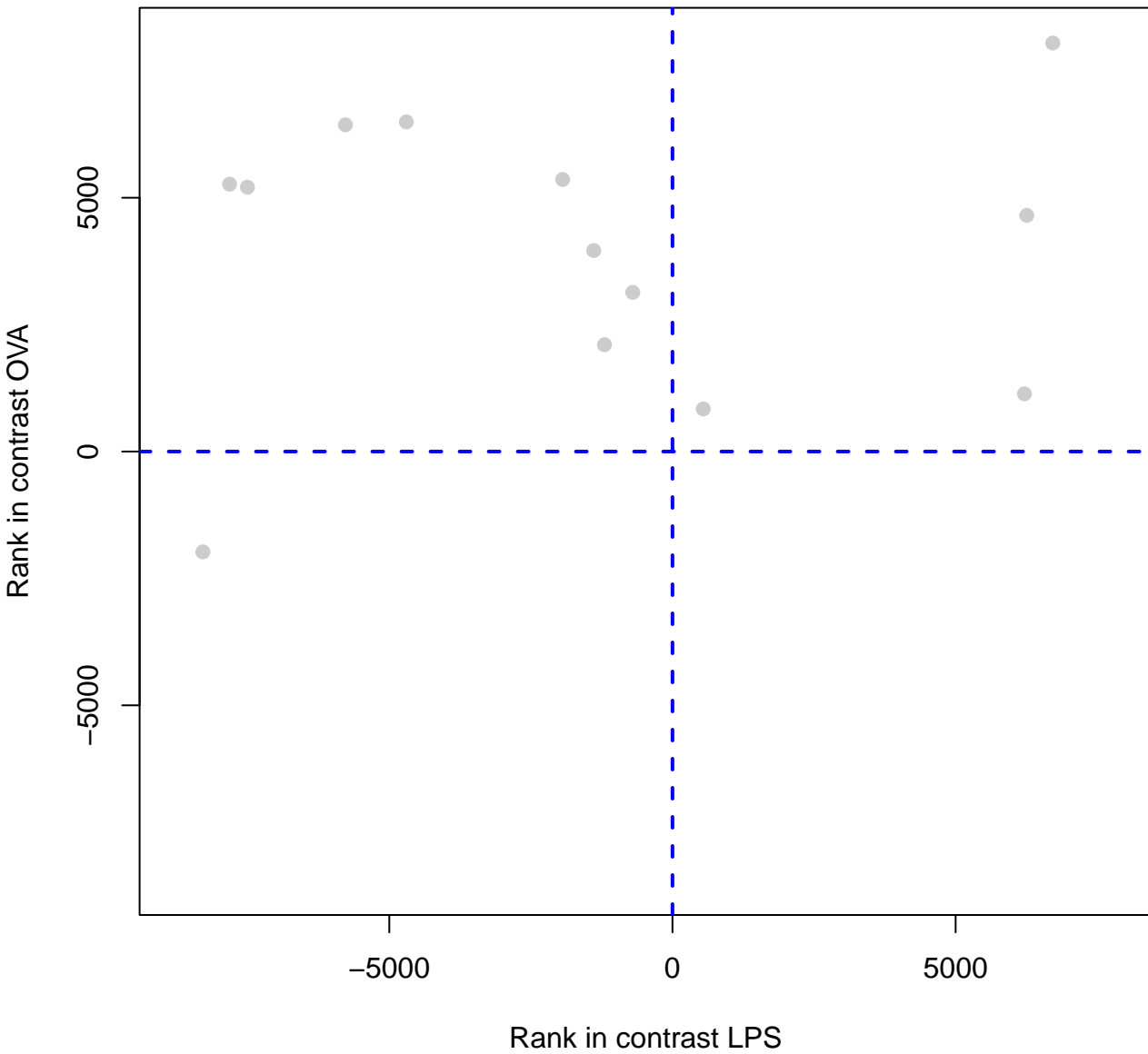
PI 3K CASCADE FGFR4



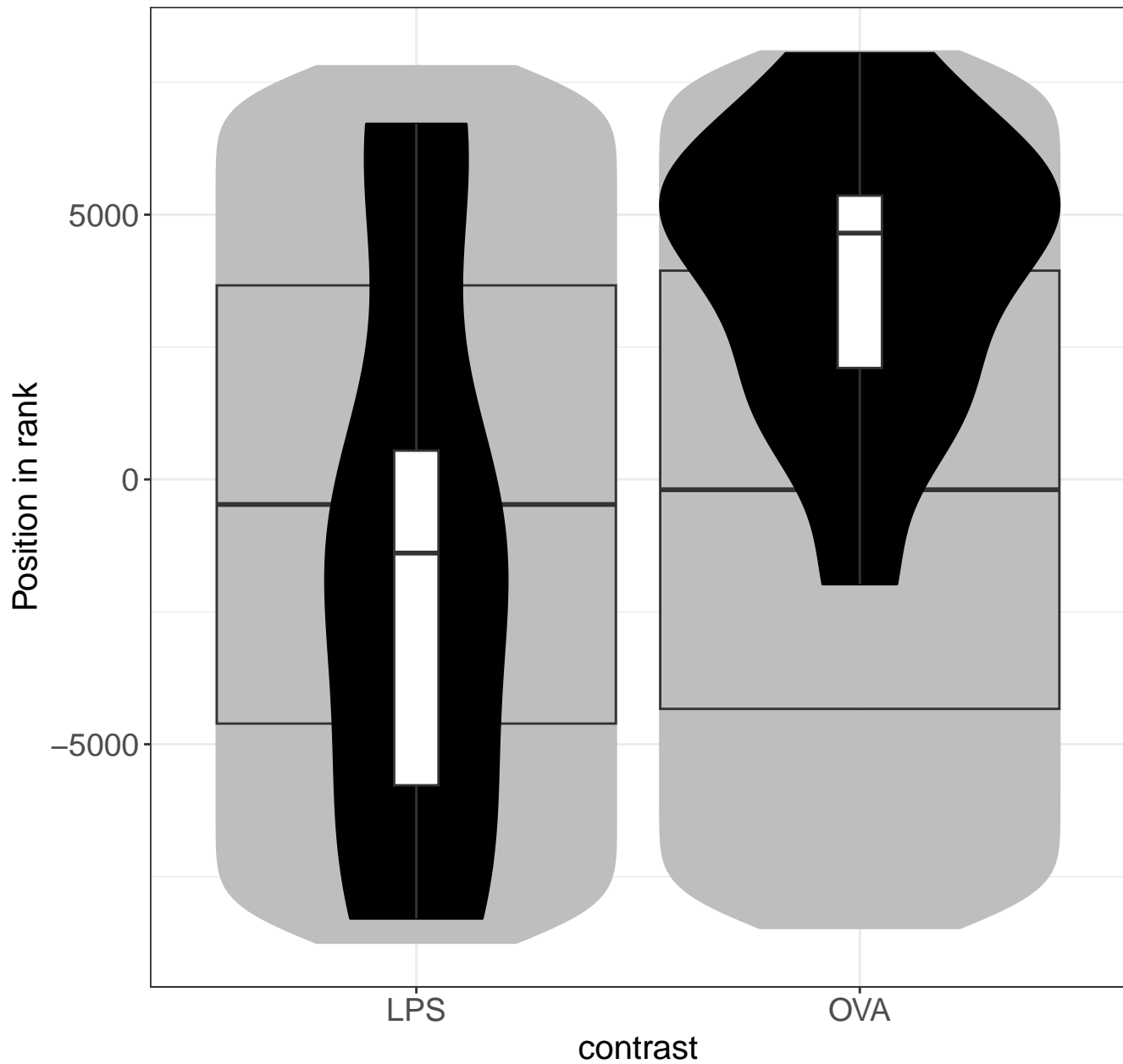
BLOOD GROUP SYSTEMS BIOSYNTHESIS



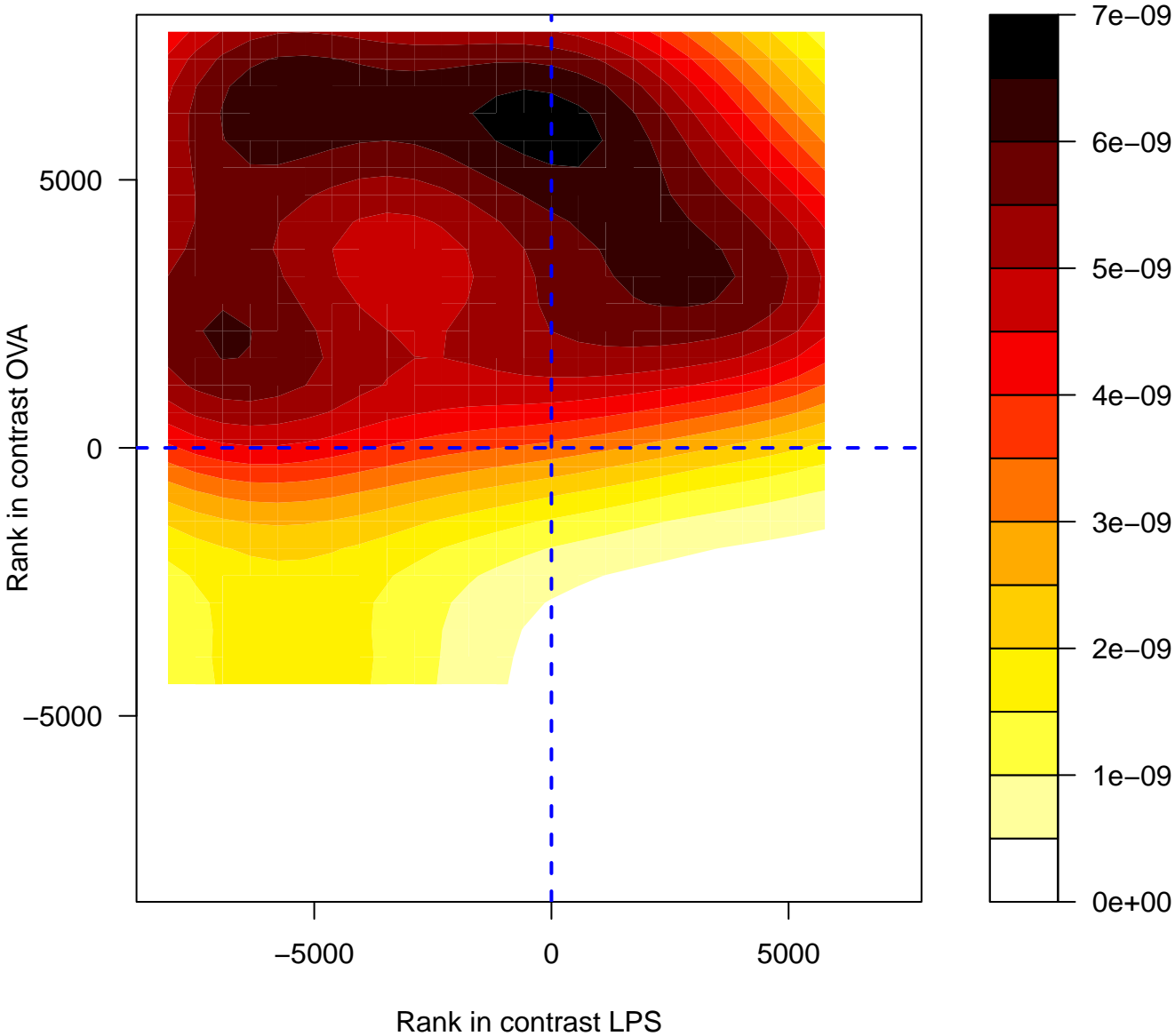
BLOOD GROUP SYSTEMS BIOSYNTHESIS



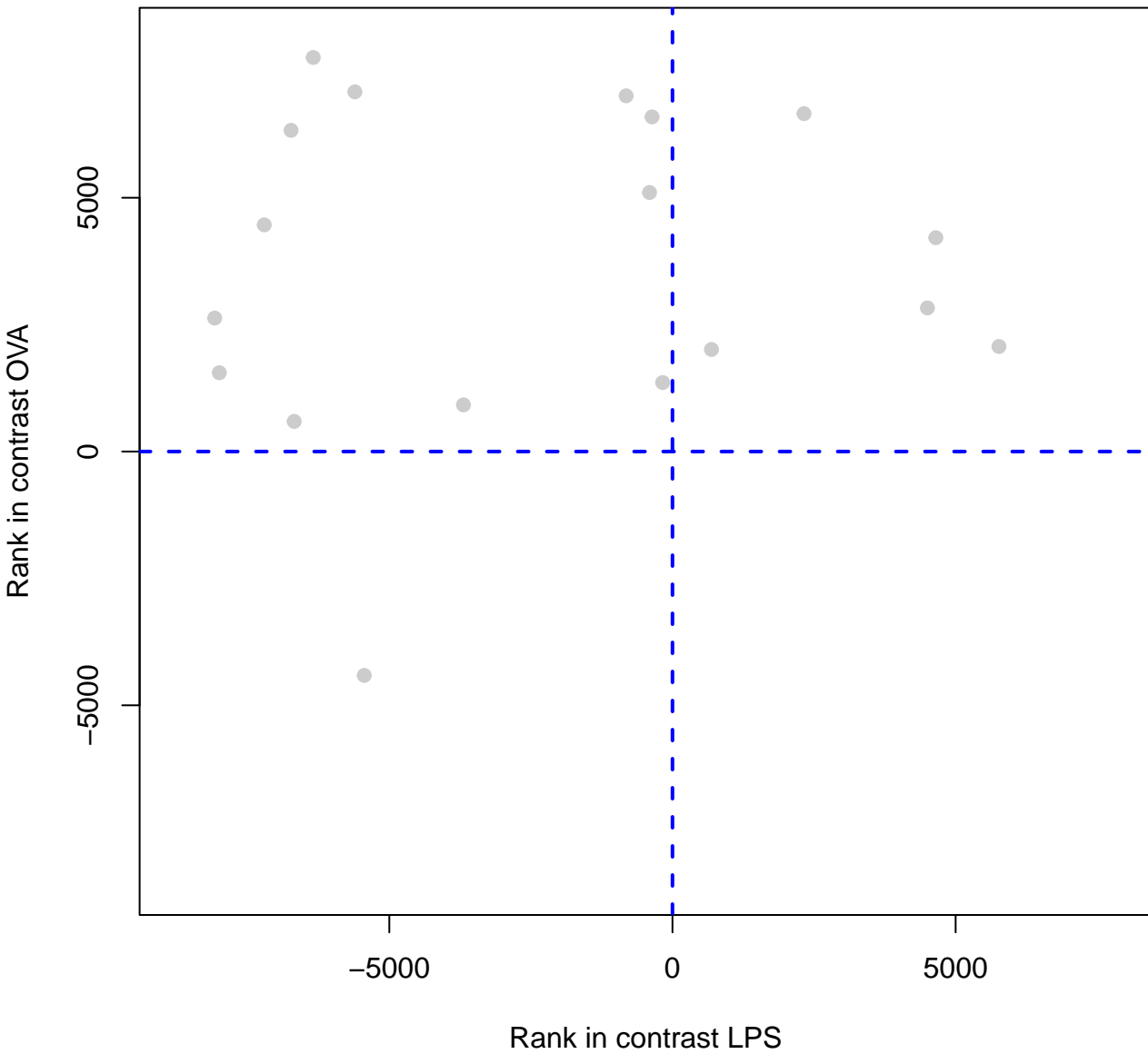
BLOOD GROUP SYSTEMS BIOSYNTHESIS



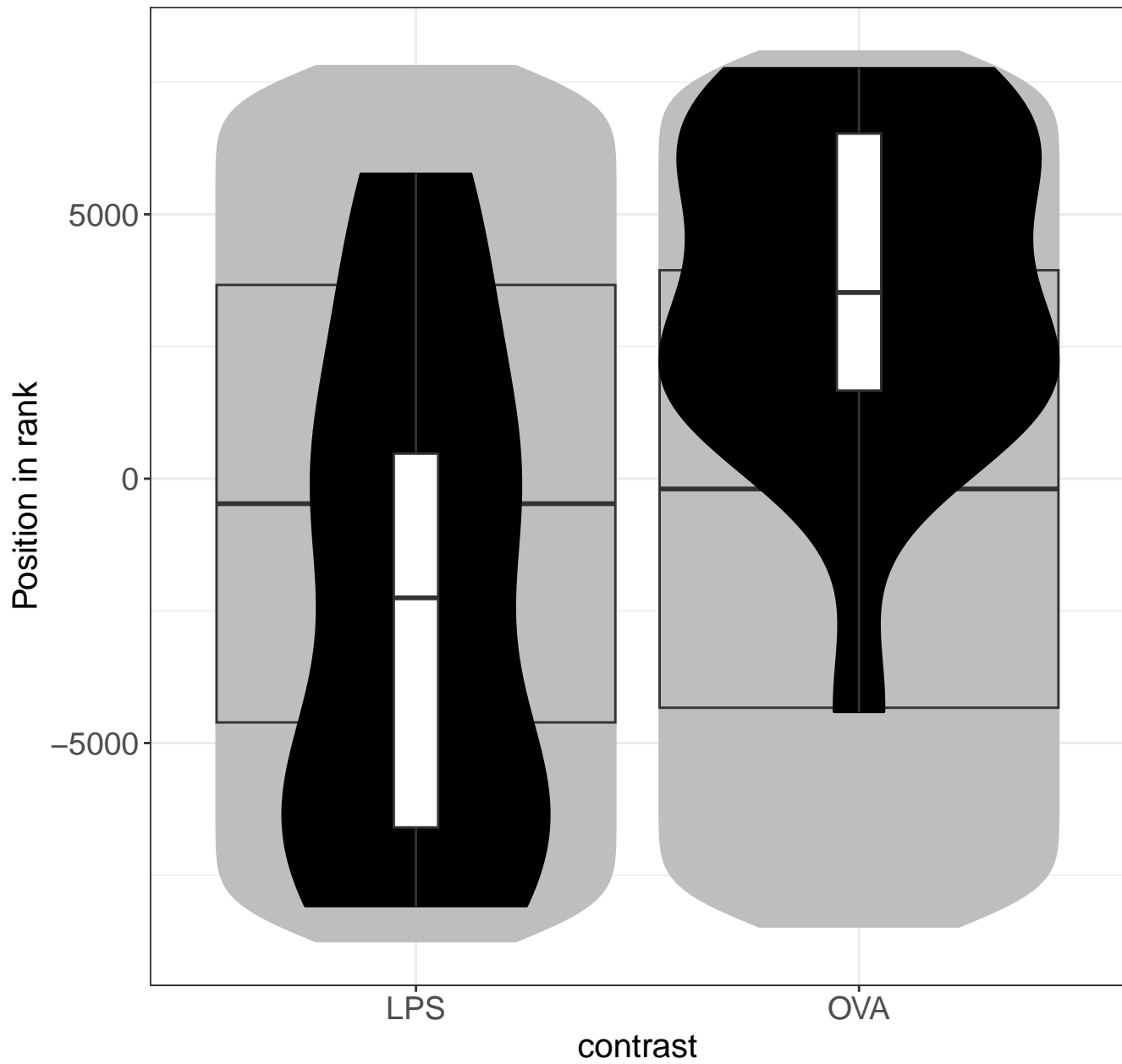
G BETA GAMMA SIGNALLING THROUGH CDC42



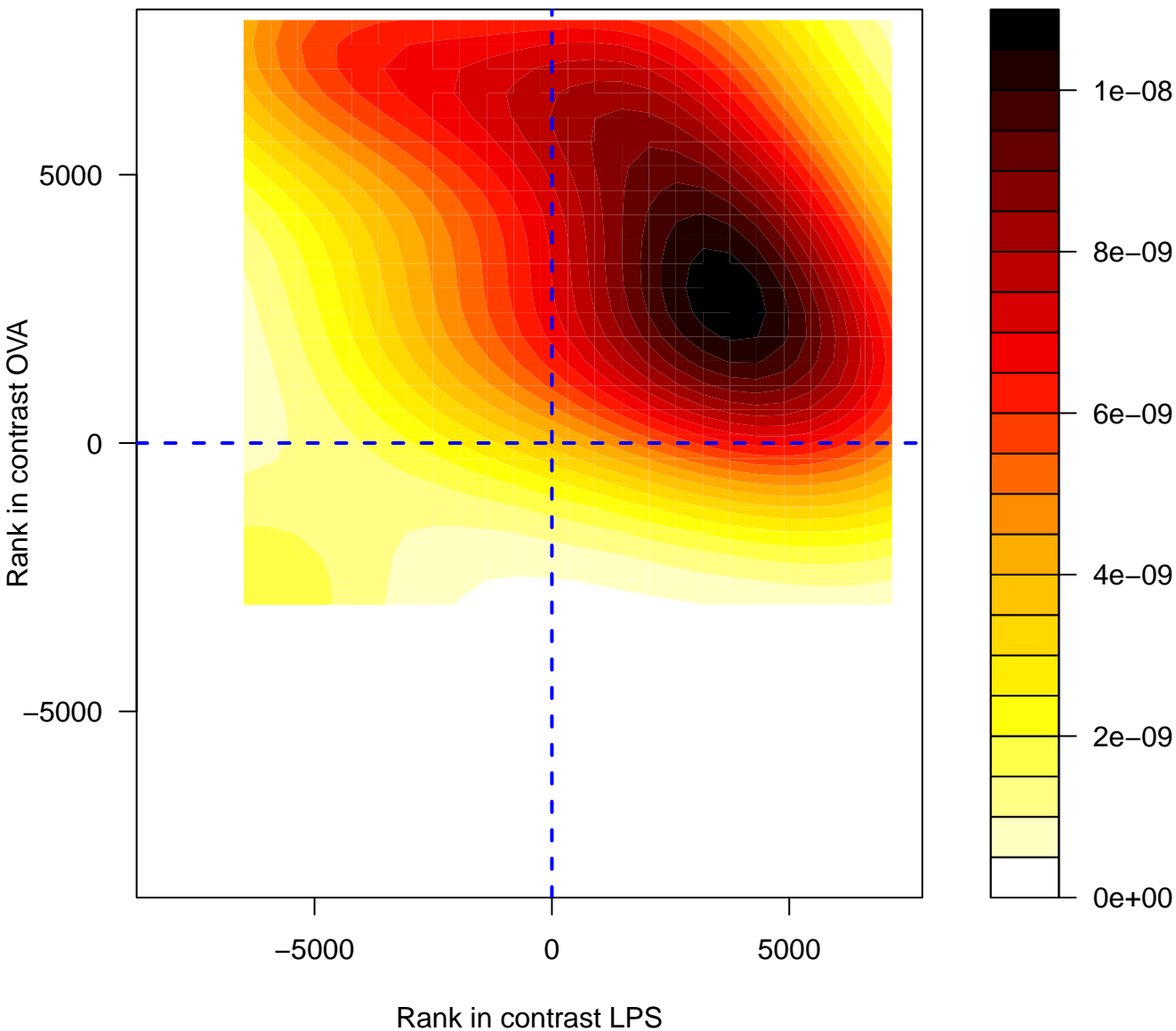
G BETA GAMMA SIGNALLING THROUGH CDC42



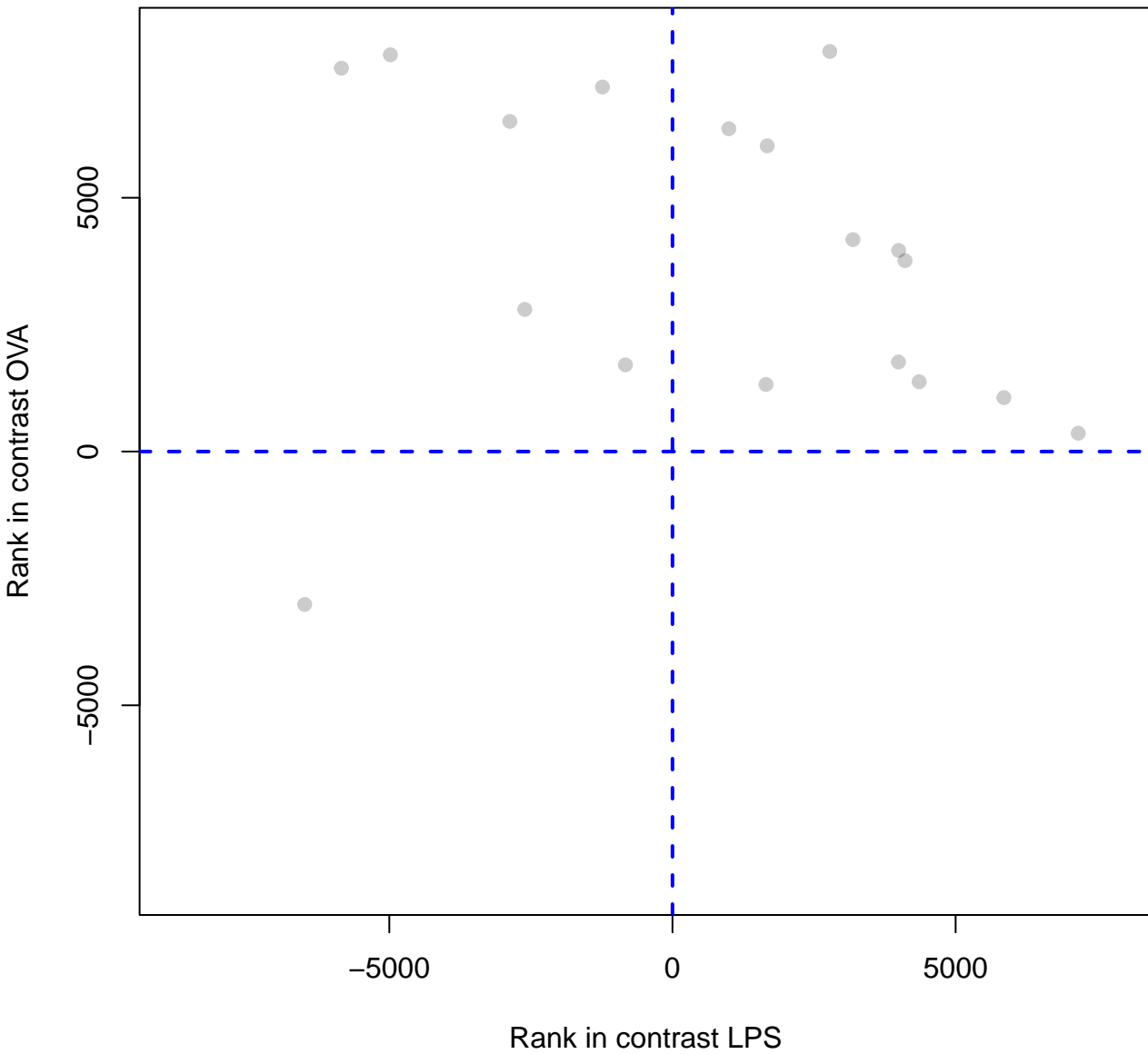
G BETA GAMMA SIGNALLING THROUGH CDC4



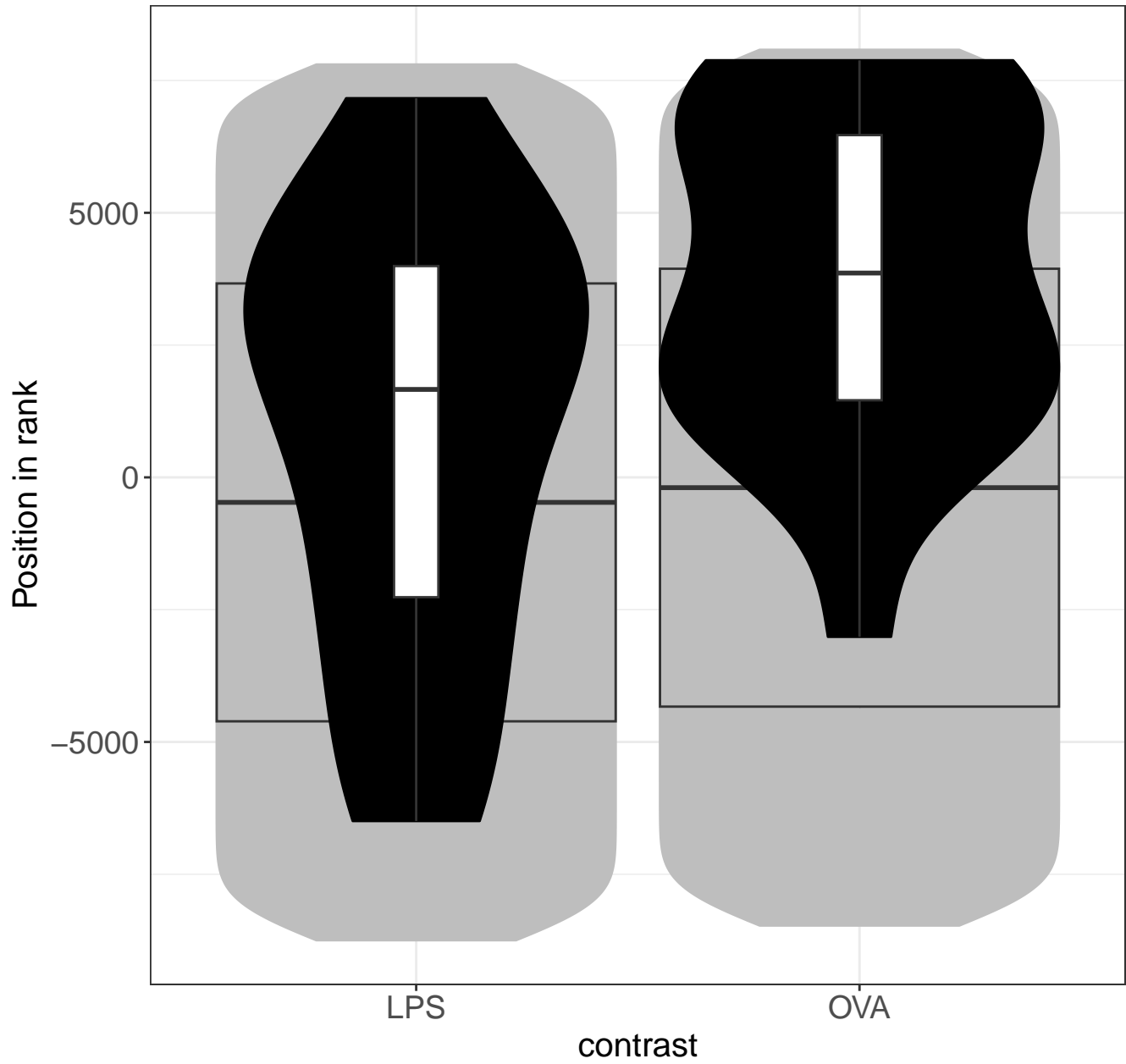
FORMATION OF ATP BY CHEMIOSMOTIC COUPLING



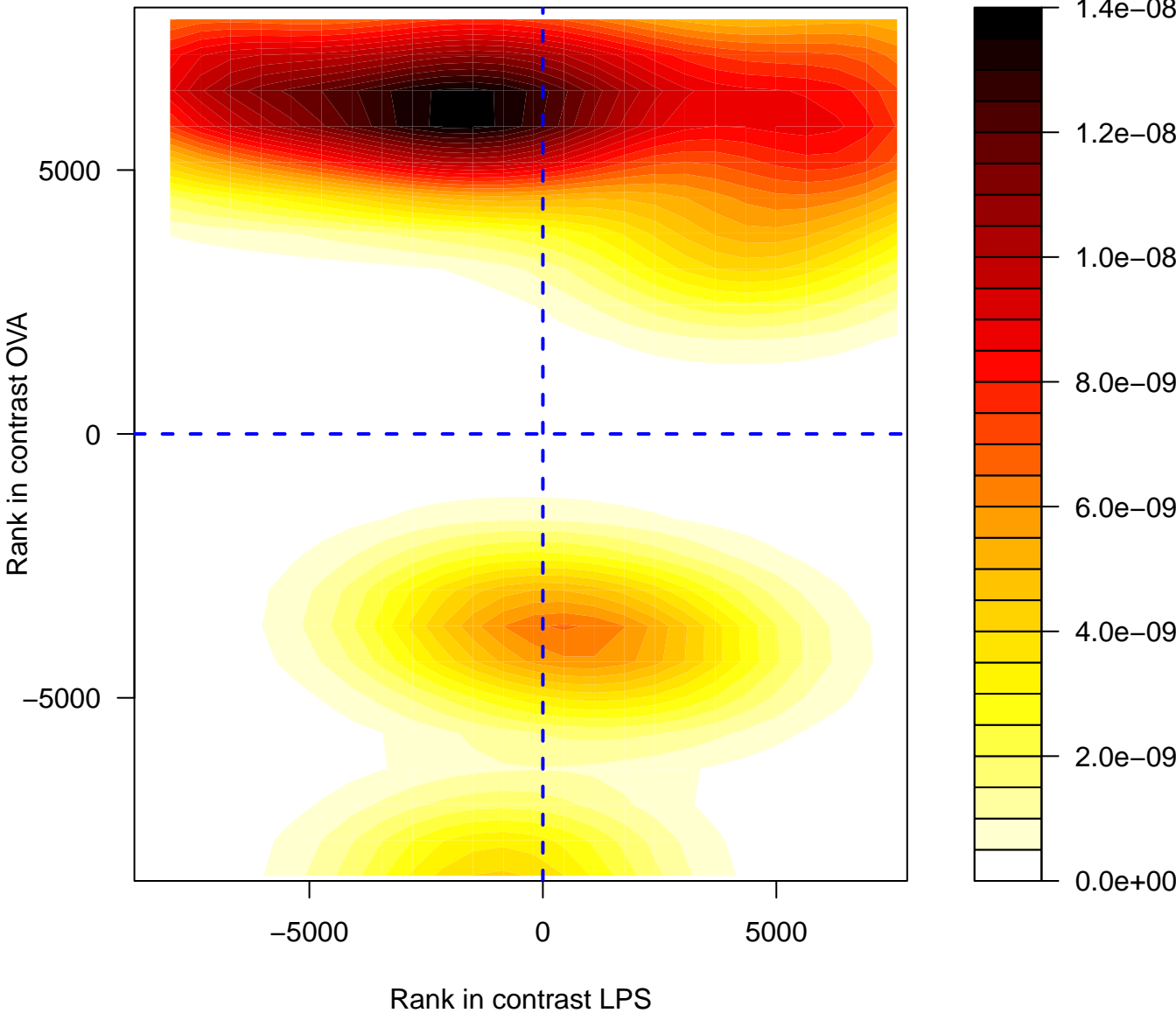
FORMATION OF ATP BY CHEMIOSMOTIC COUPLING



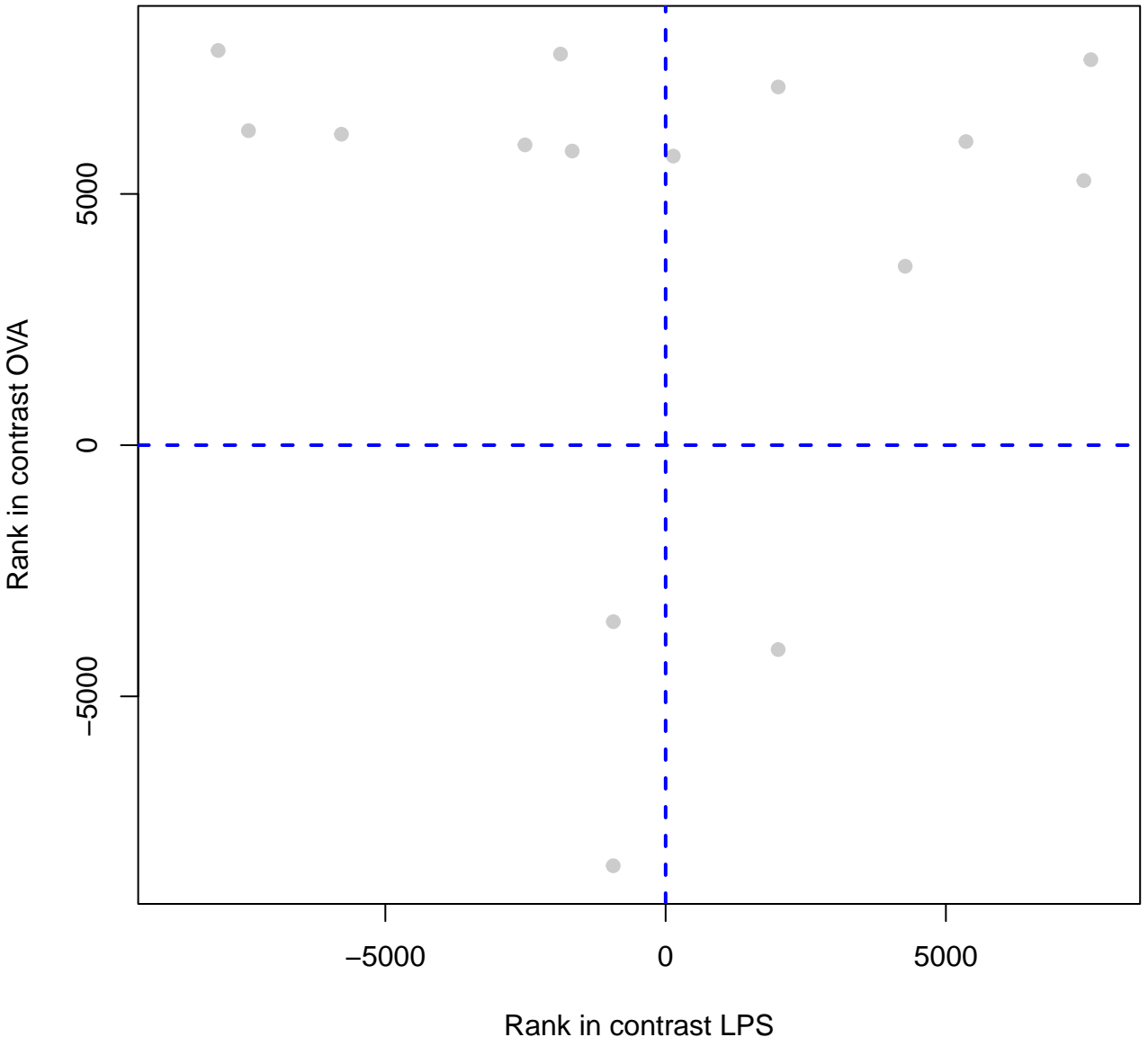
FORMATION OF ATP BY CHEMIOSMOTIC COU



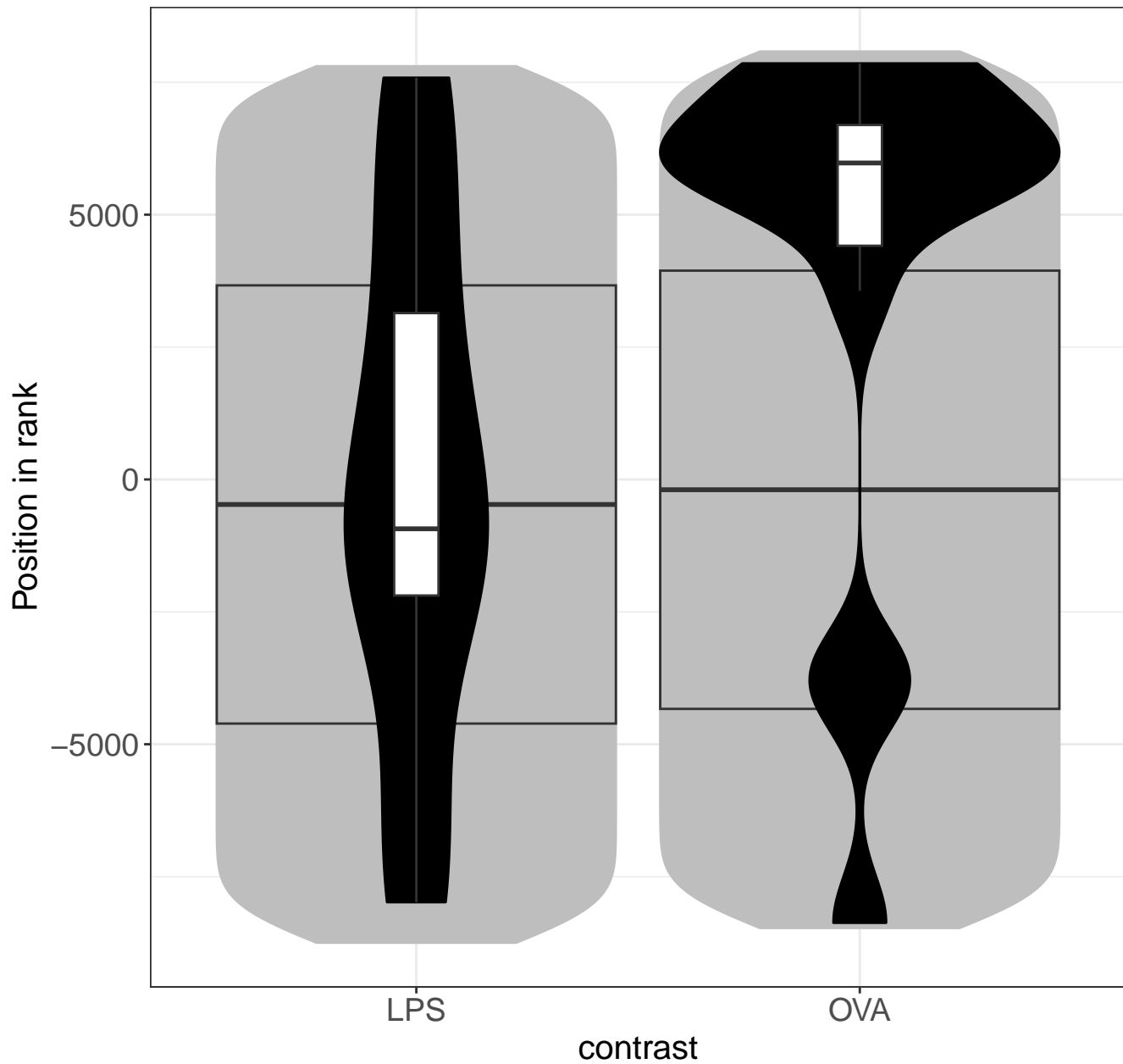
PLATELET SENSITIZATION BY LDL



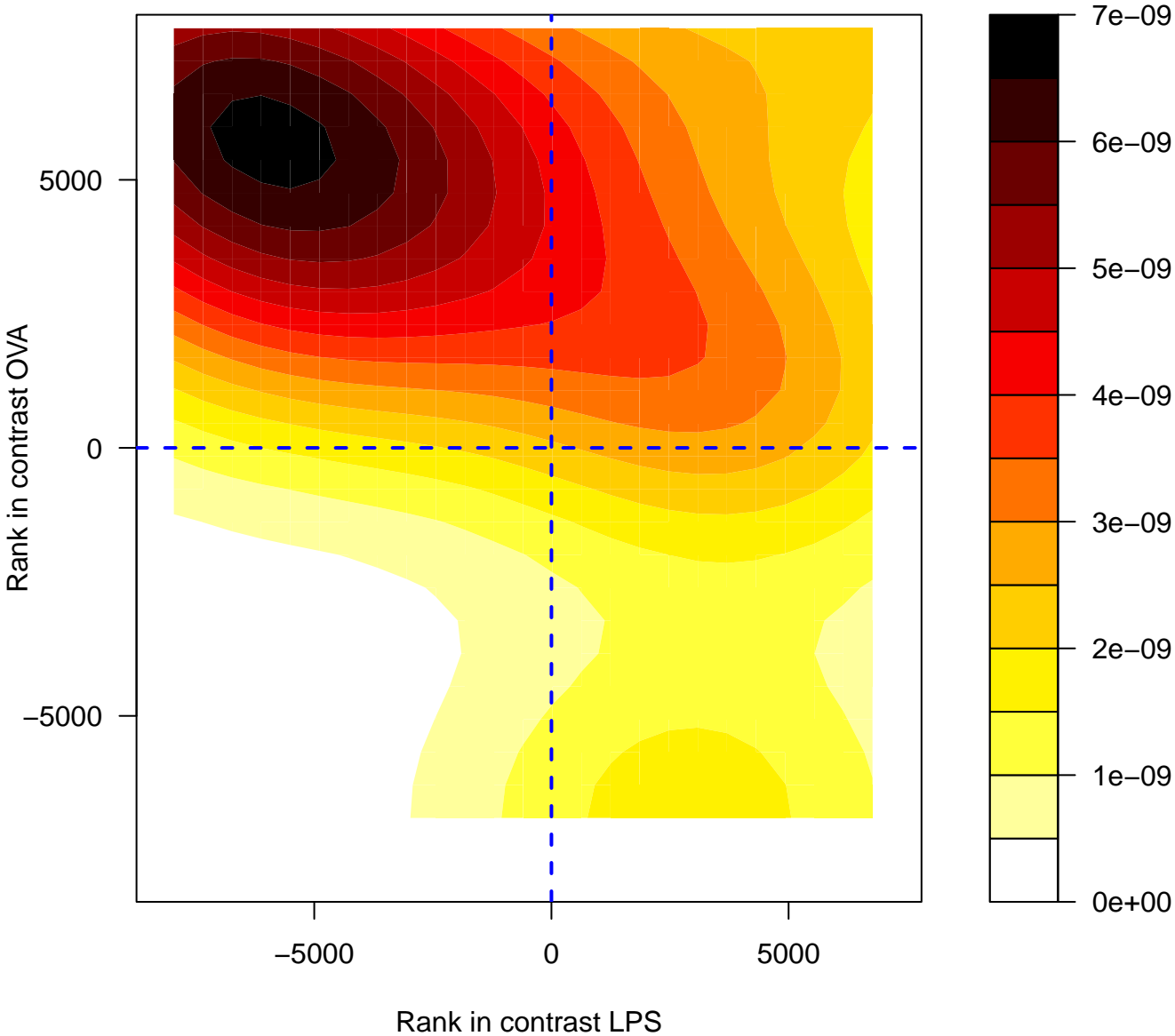
PLATELET SENSITIZATION BY LDL



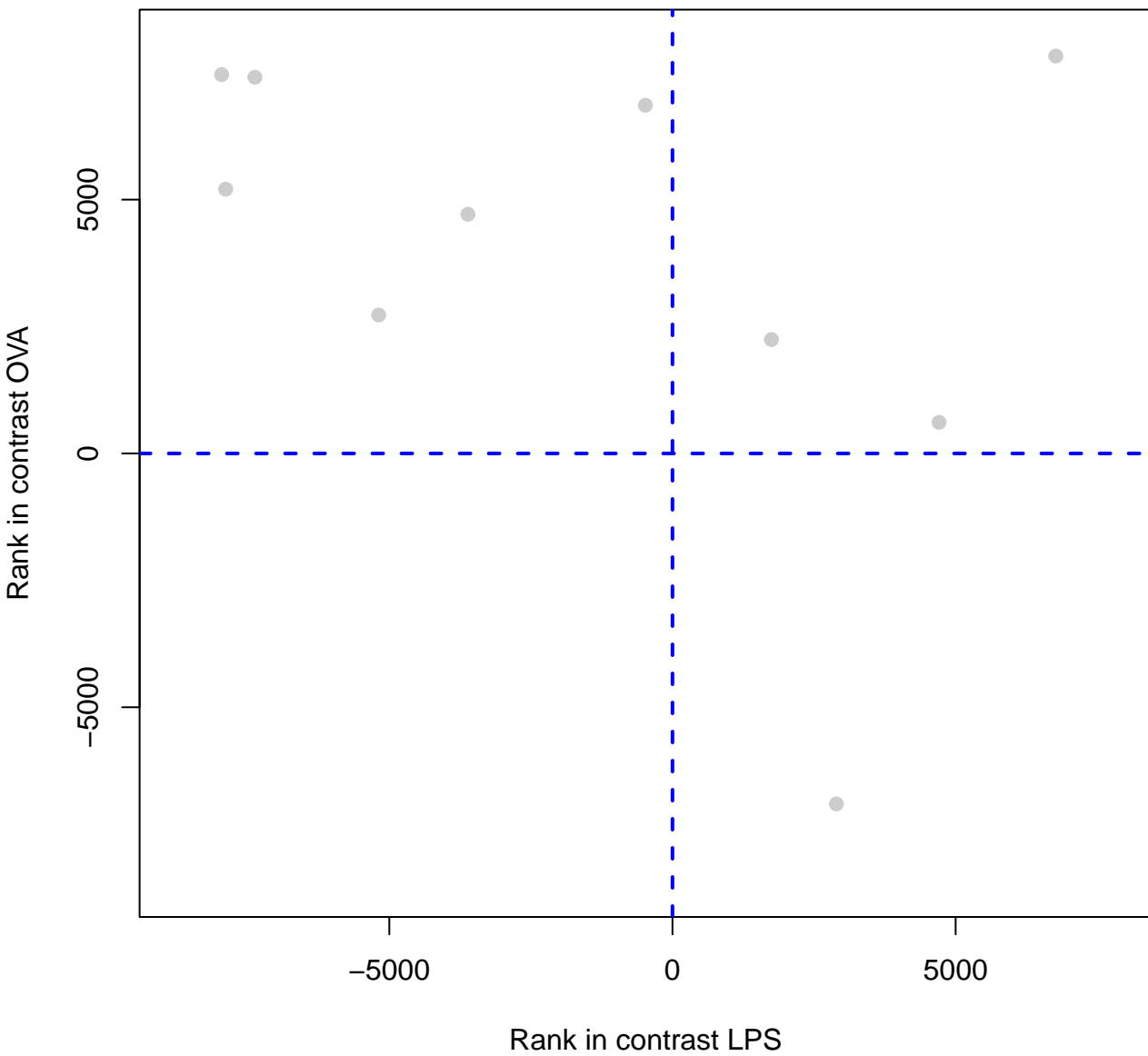
PLATELET SENSITIZATION BY LDL



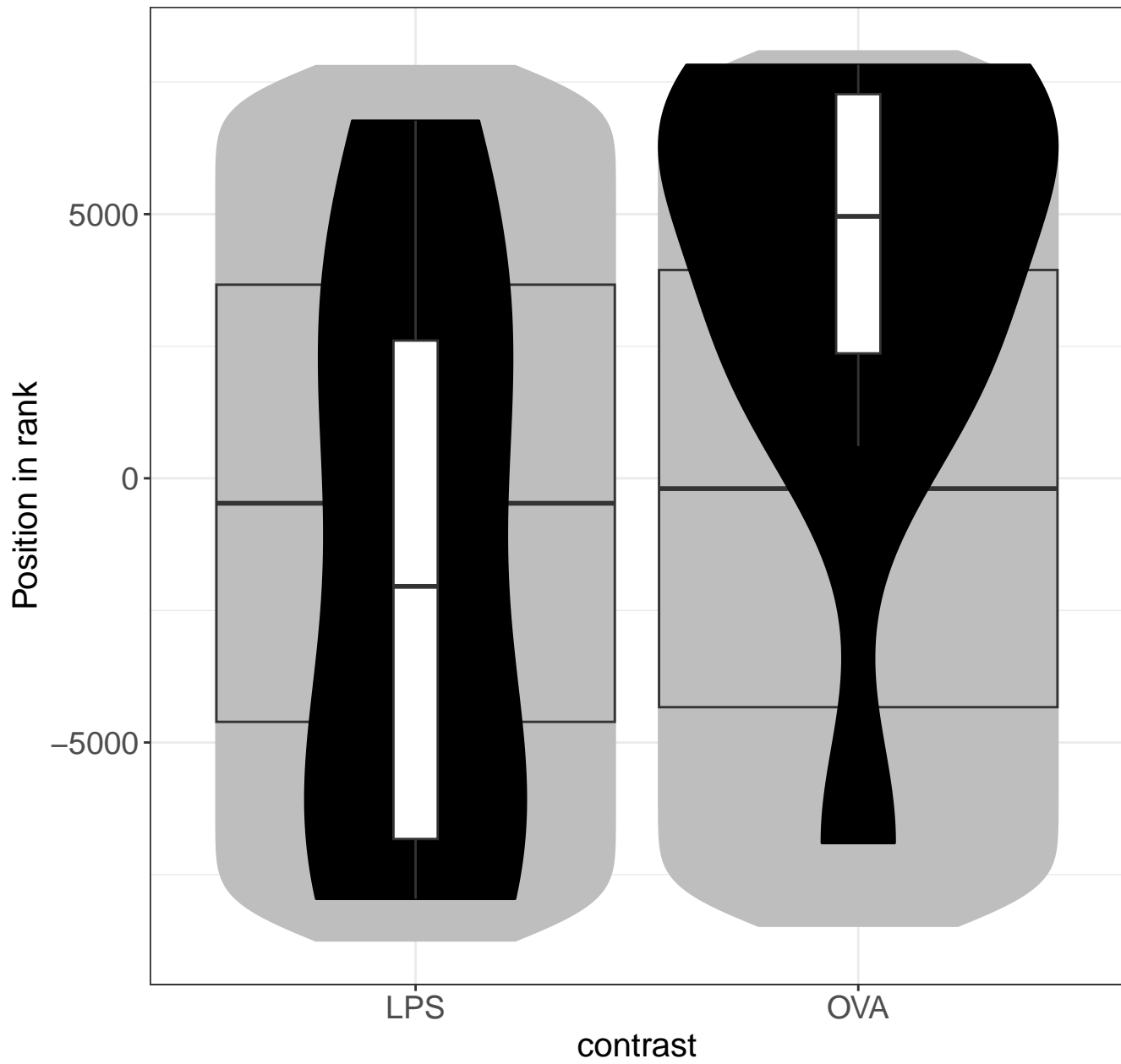
RHOBTB3 ATPASE CYCLE



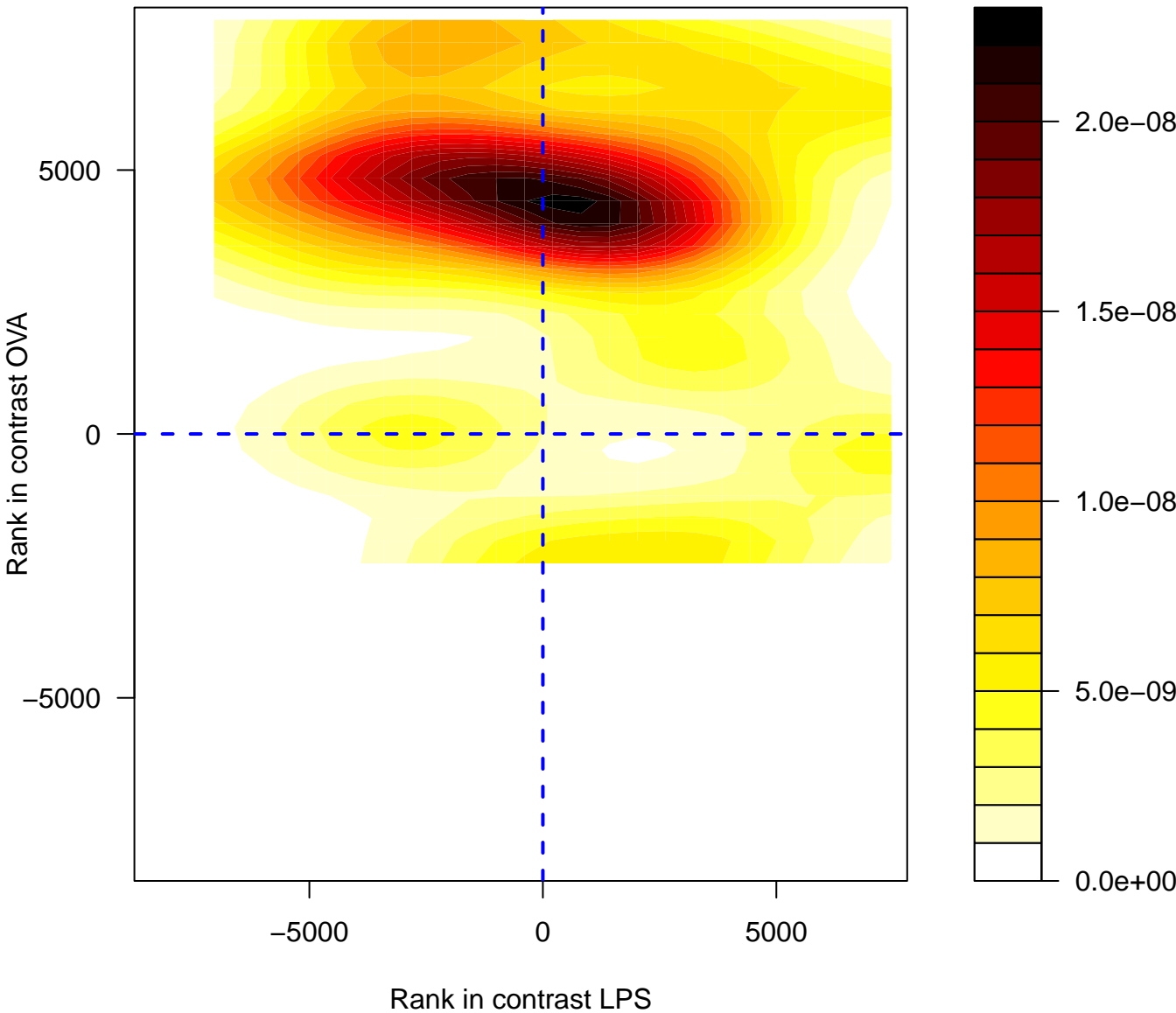
RHOBTB3 ATPASE CYCLE



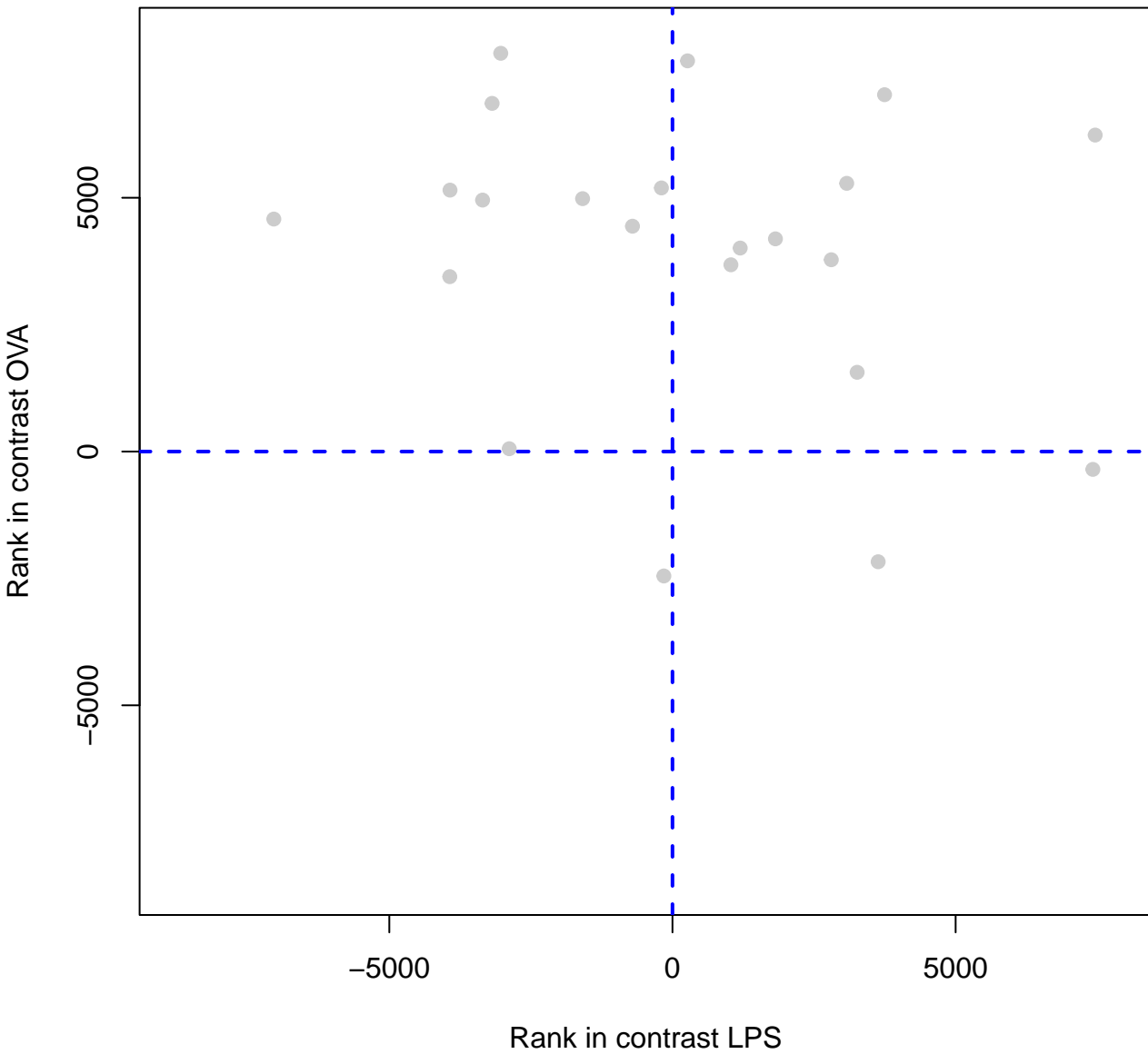
RHOBTB3 ATPASE CYCLE



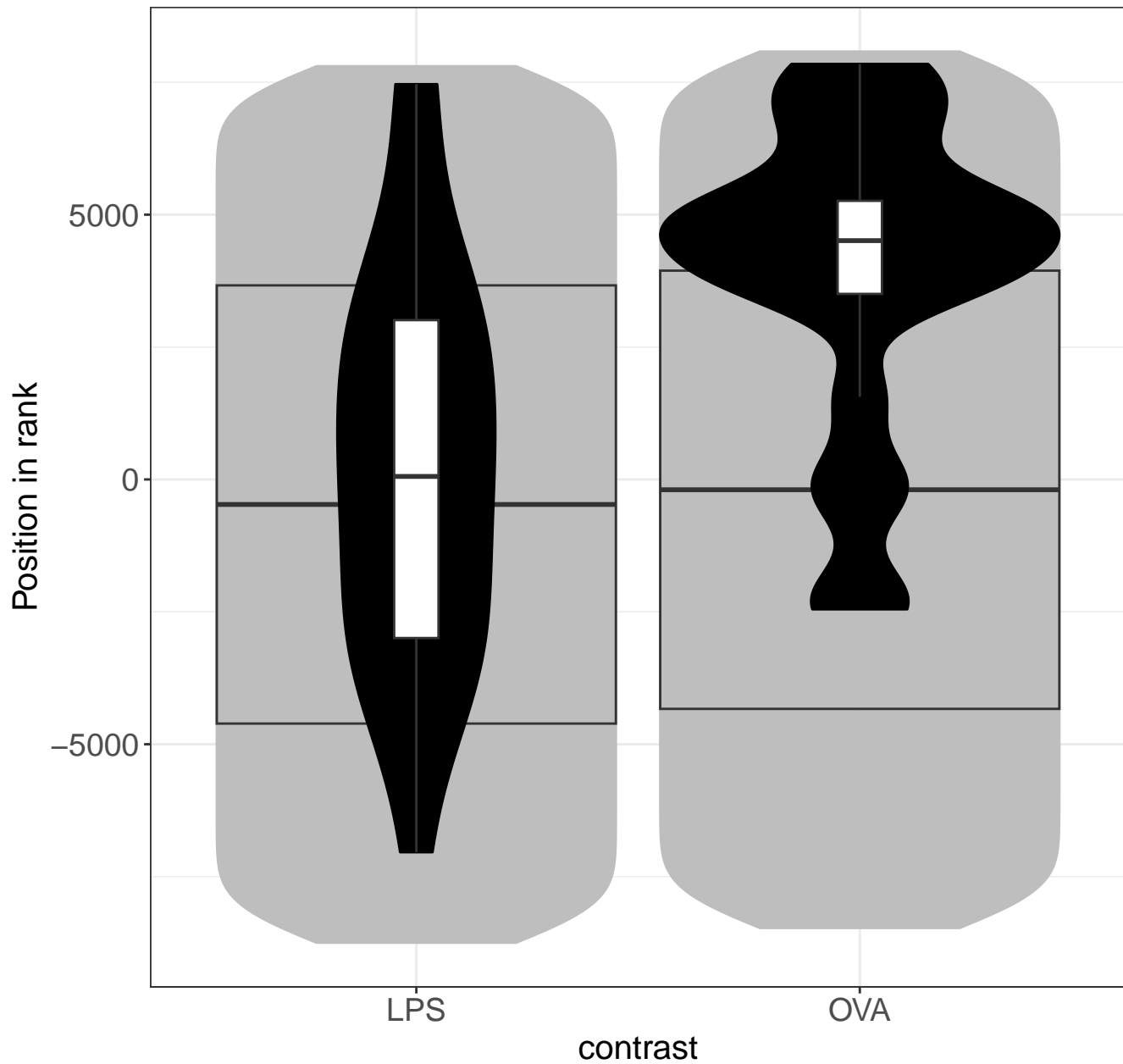
CITRIC ACID CYCLE TCA CYCLE



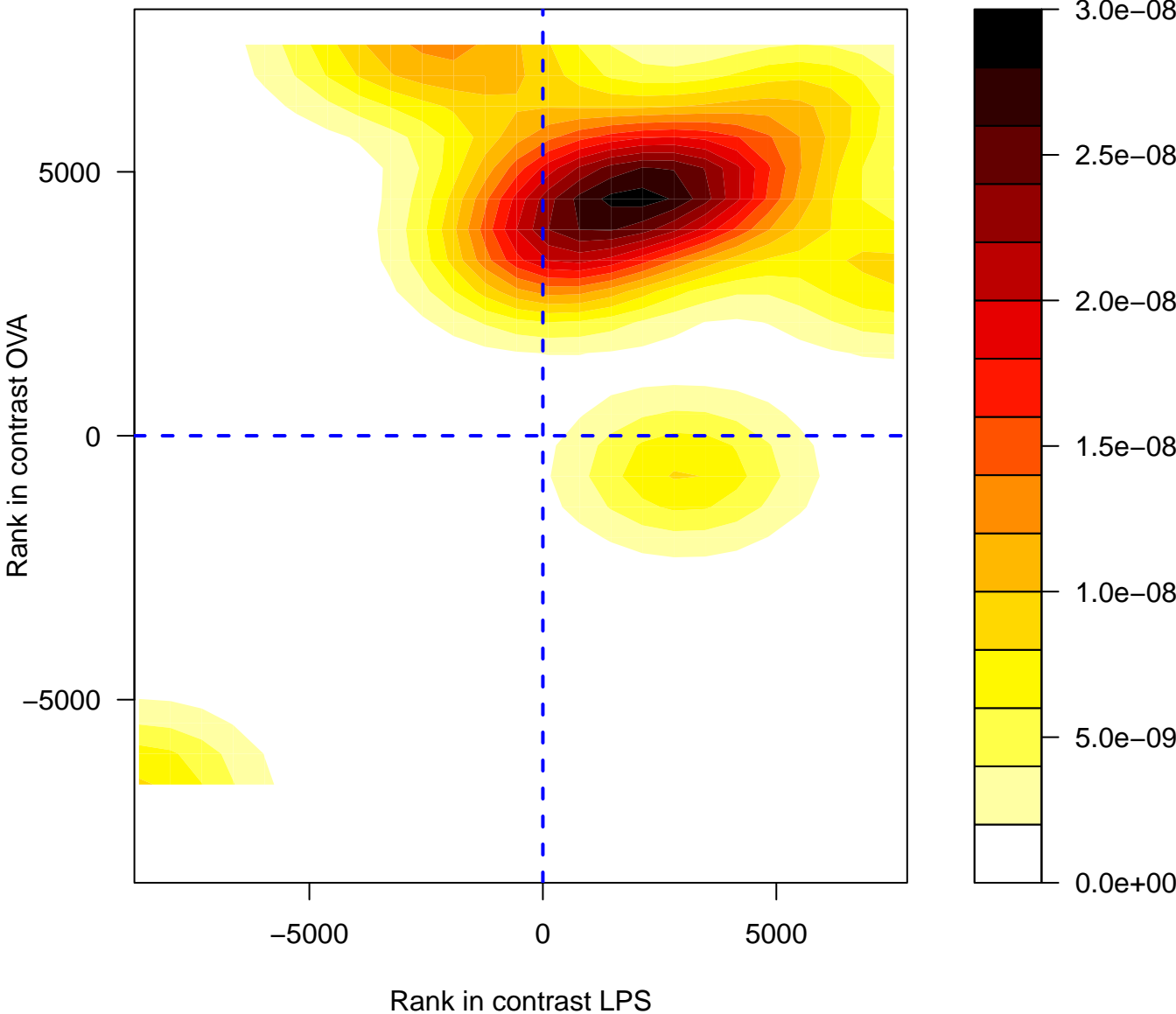
CITRIC ACID CYCLE TCA CYCLE



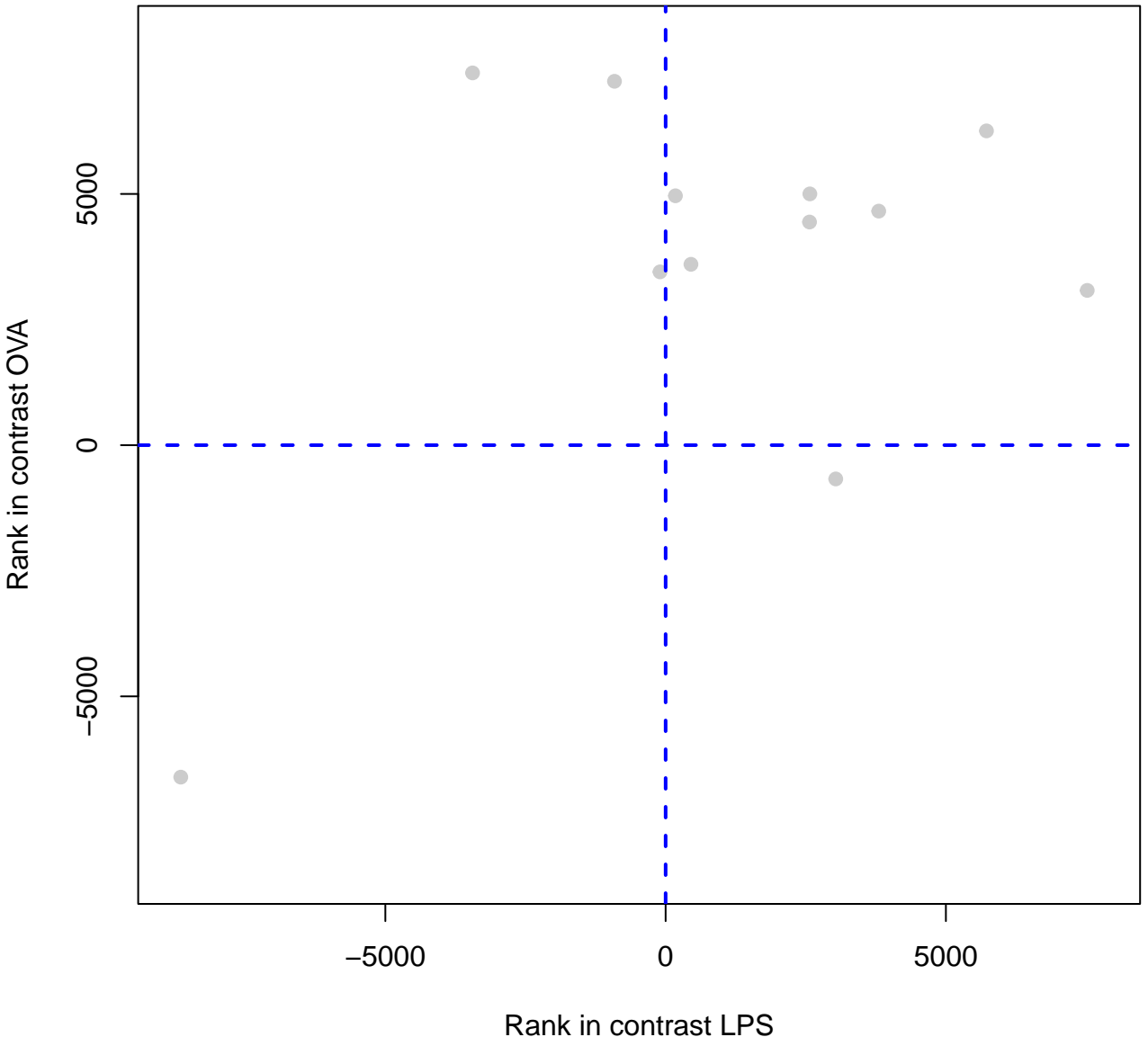
CITRIC ACID CYCLE TCA CYCLE



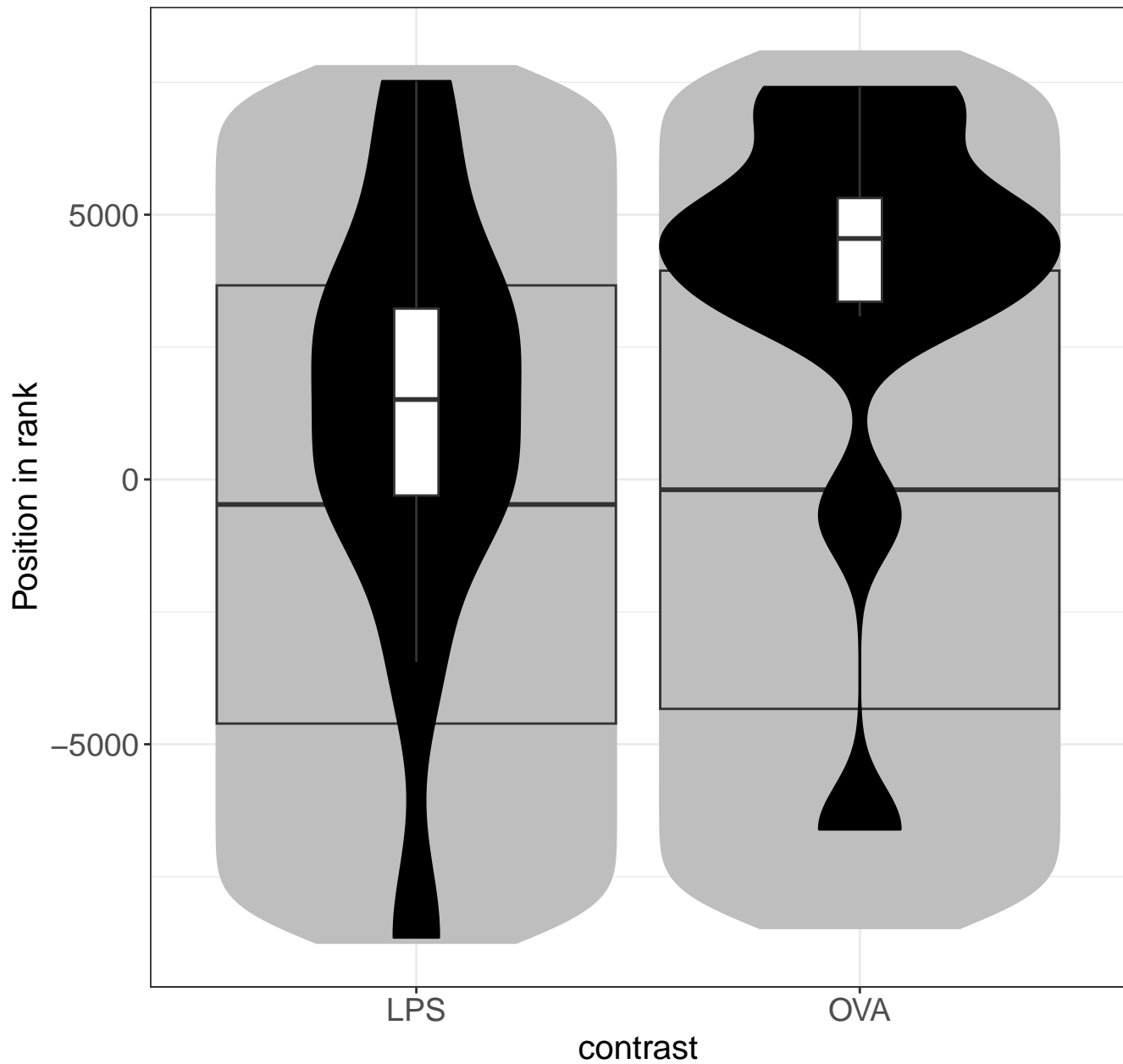
GLYCOGEN STORAGE DISEASES



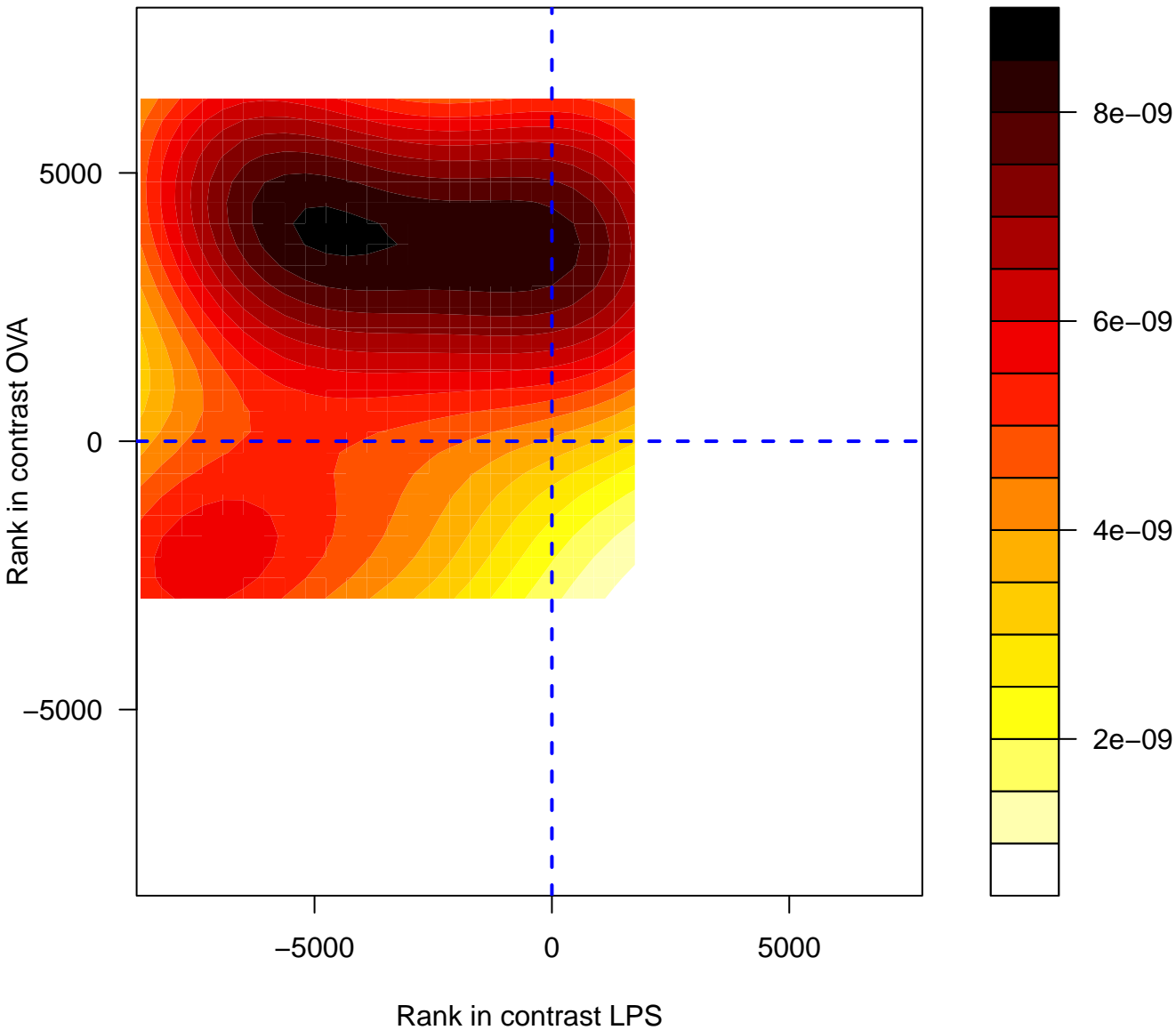
GLYCOGEN STORAGE DISEASES



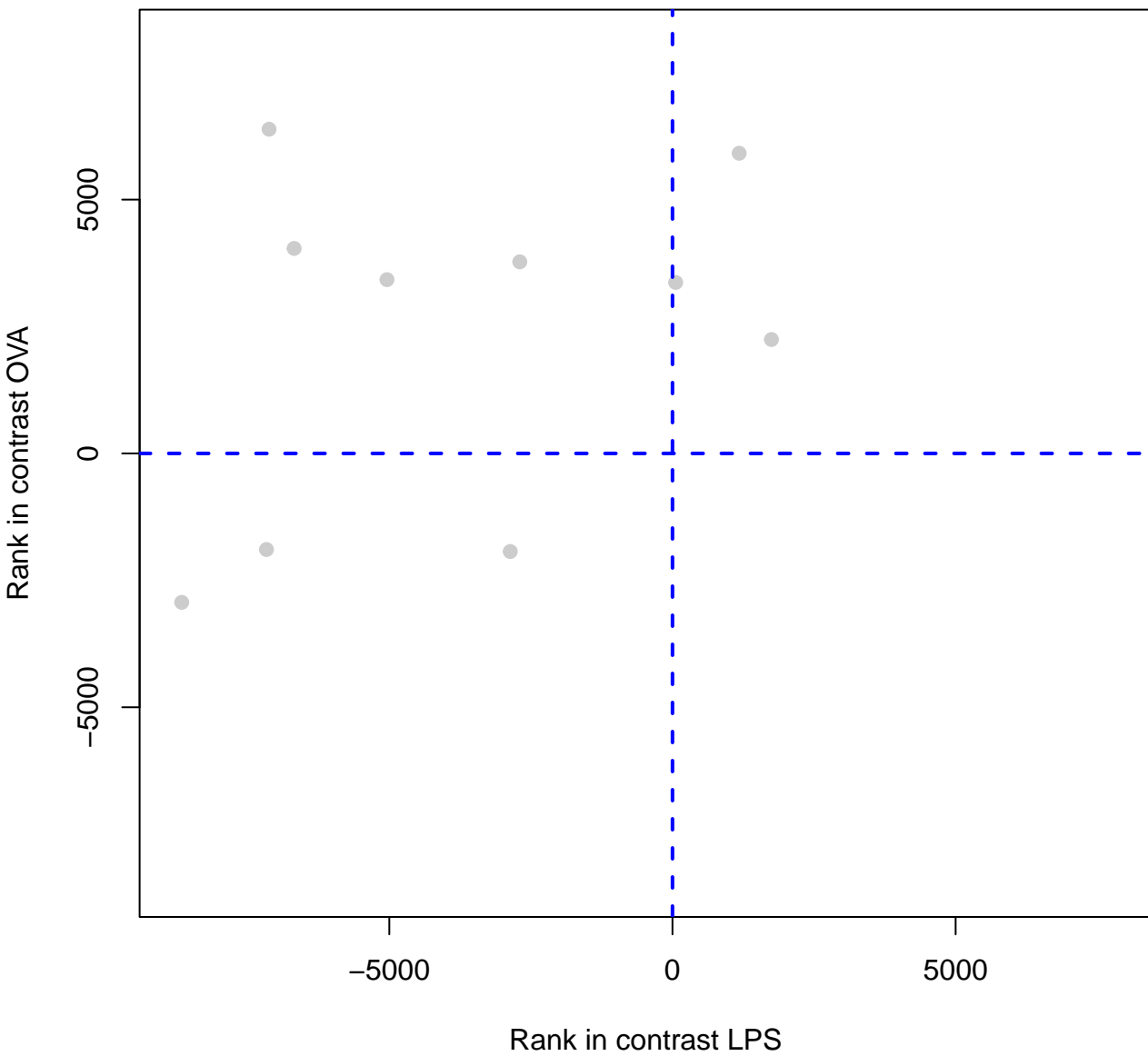
GLYCOGEN STORAGE DISEASES



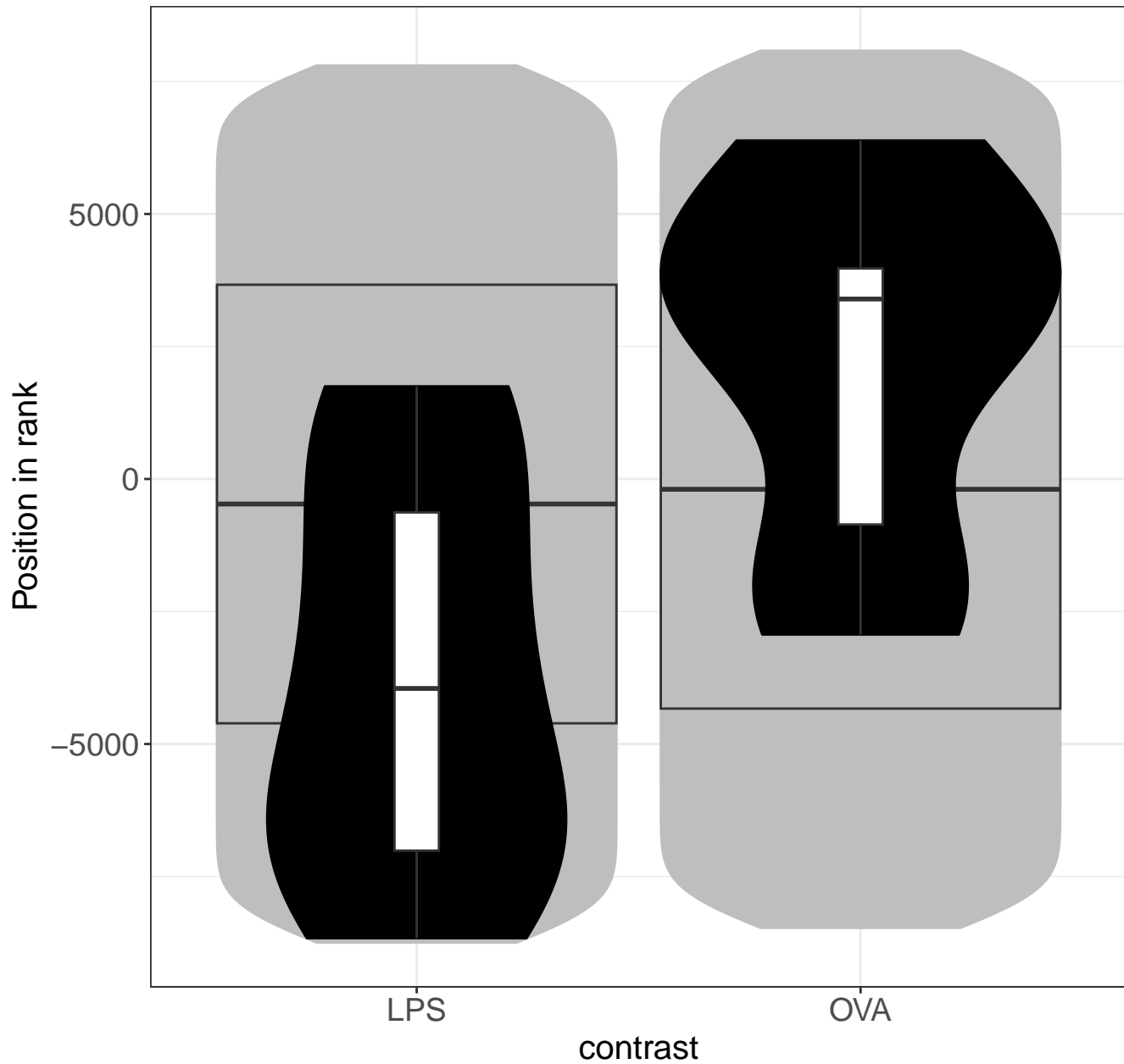
SEROTONIN RECEPTORS



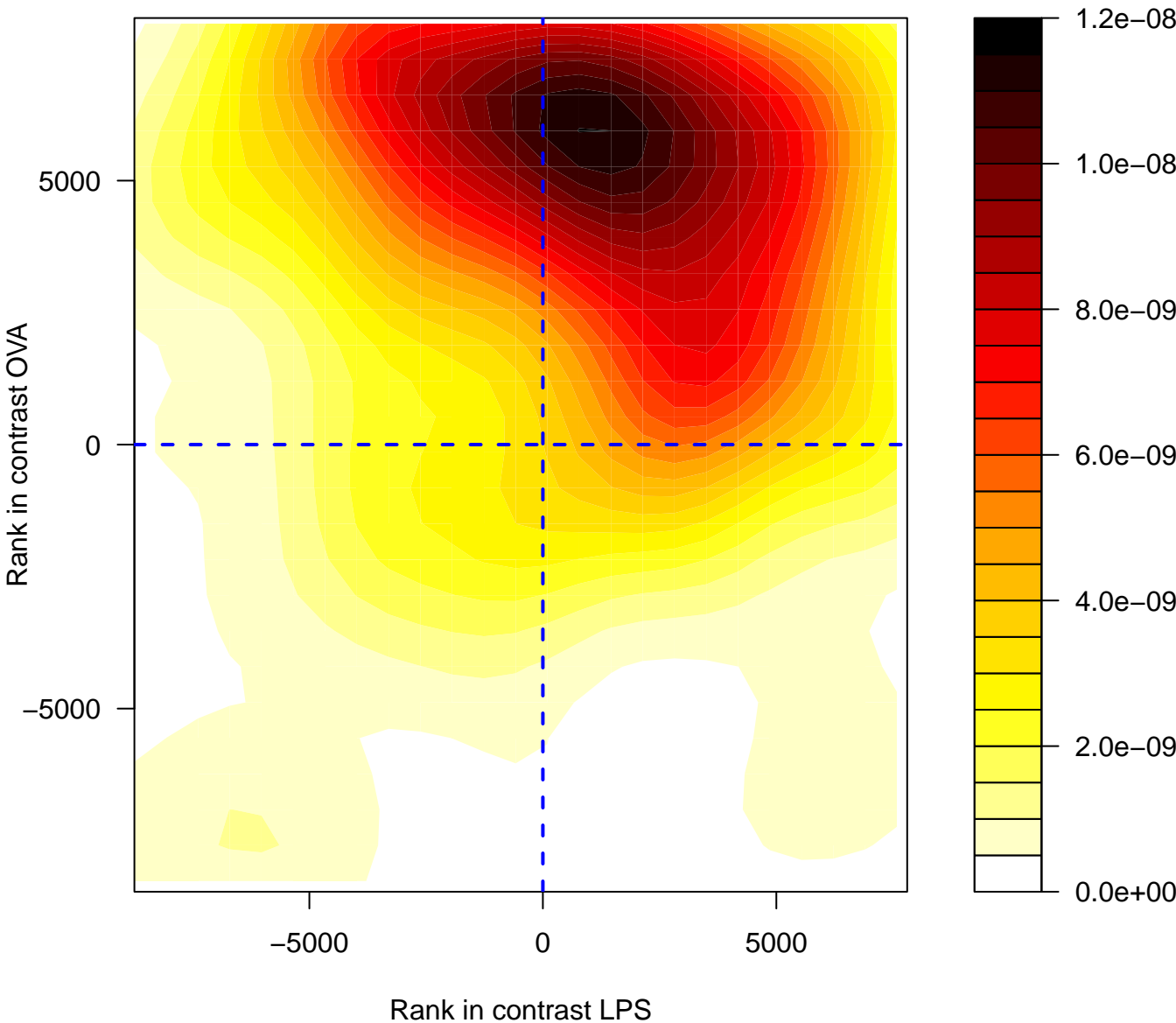
SEROTONIN RECEPTORS



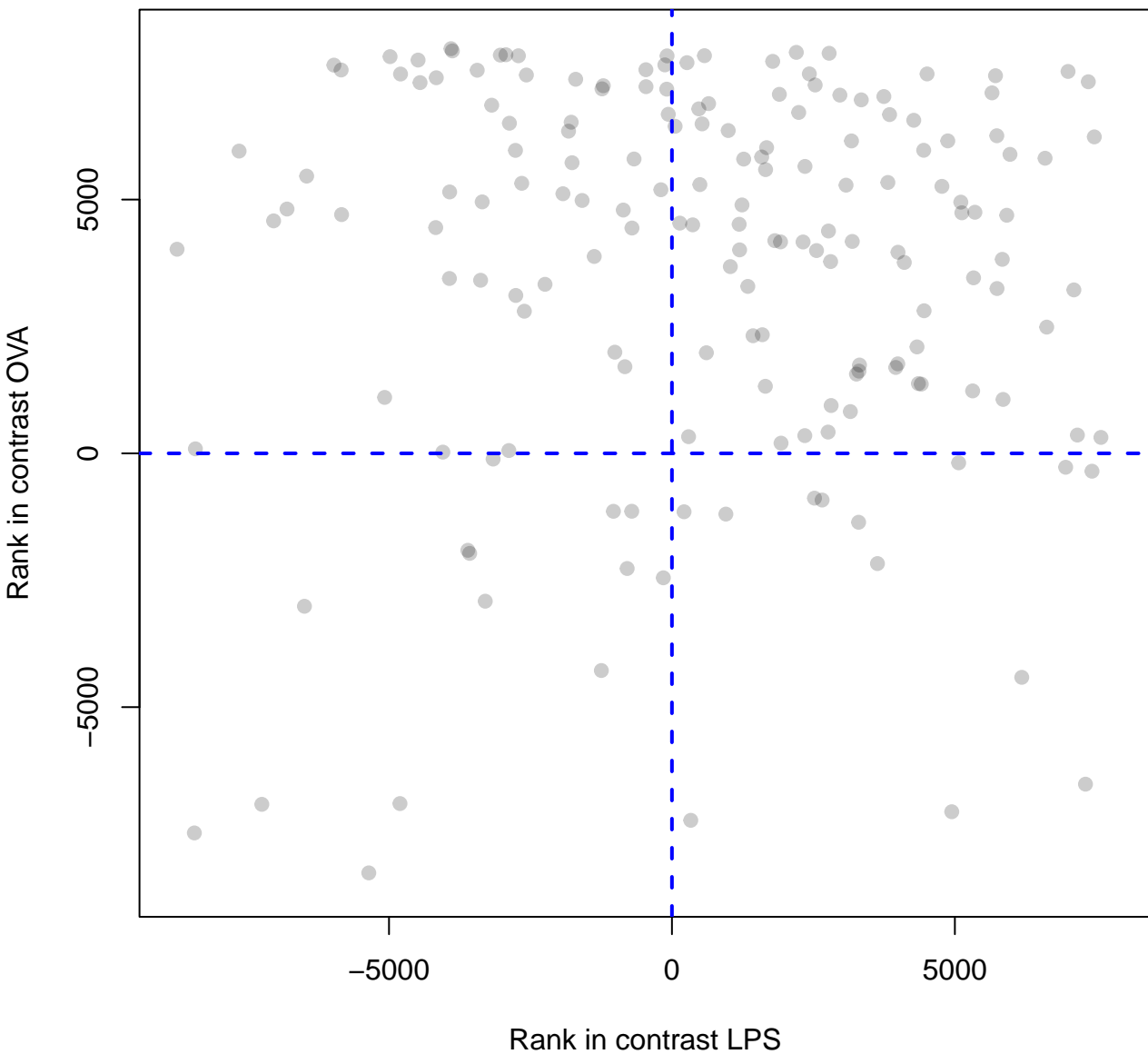
SEROTONIN RECEPTORS



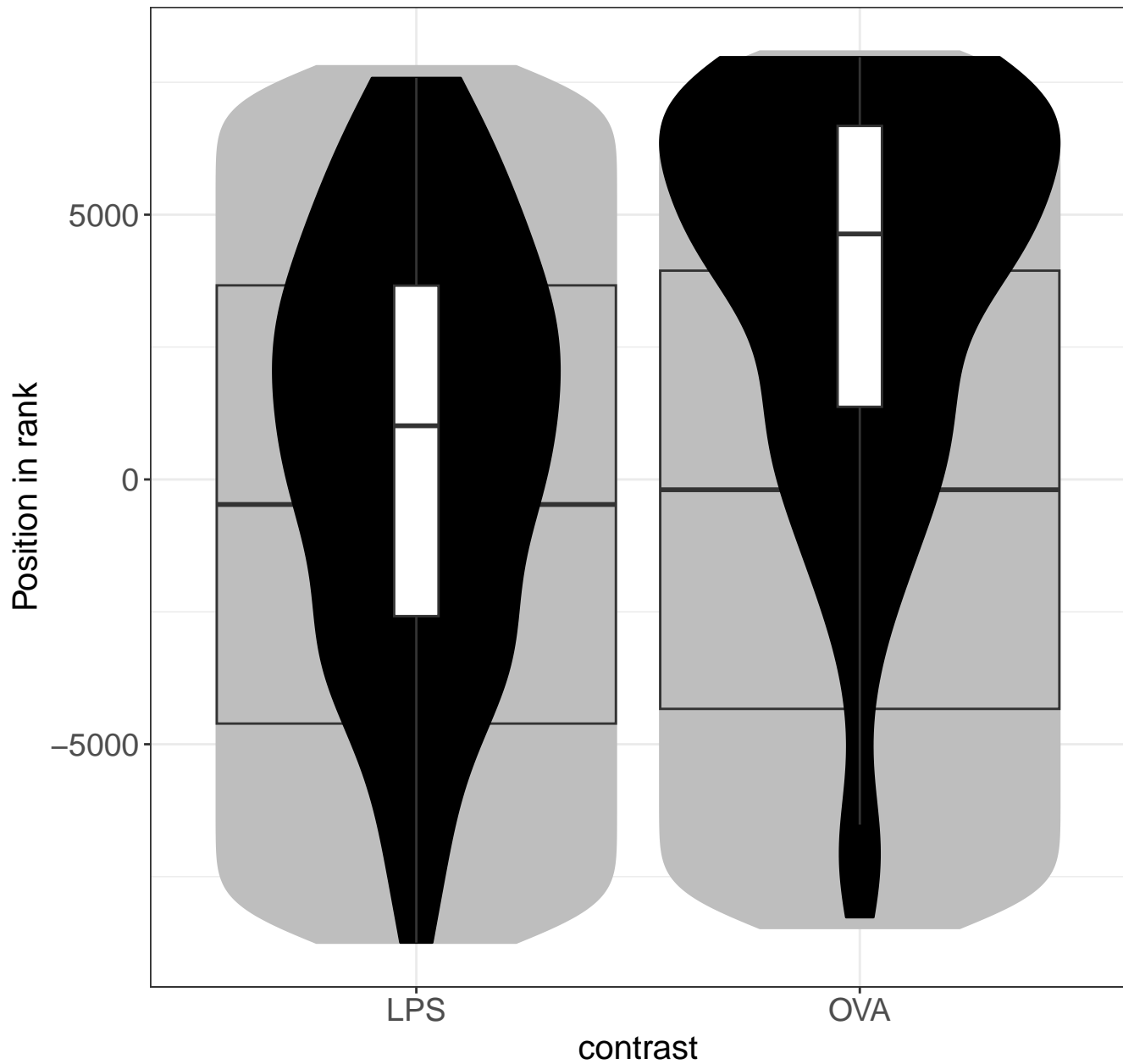
CITRIC ACID TCA CYCLE AND RESPIRATORY ELECTRON TF



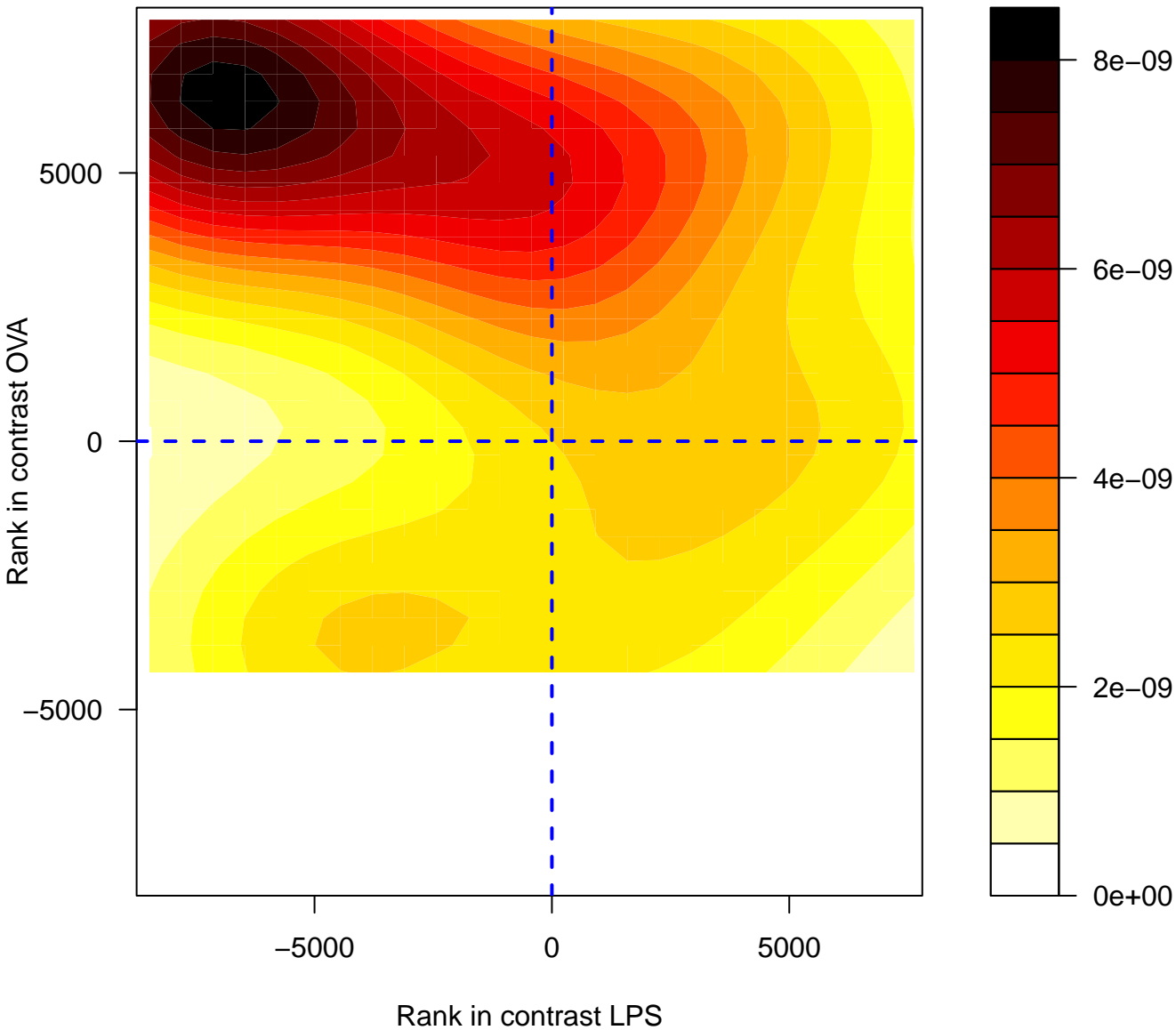
THE CITRIC ACID TCA CYCLE AND RESPIRATORY ELECTRON TRANSPORT



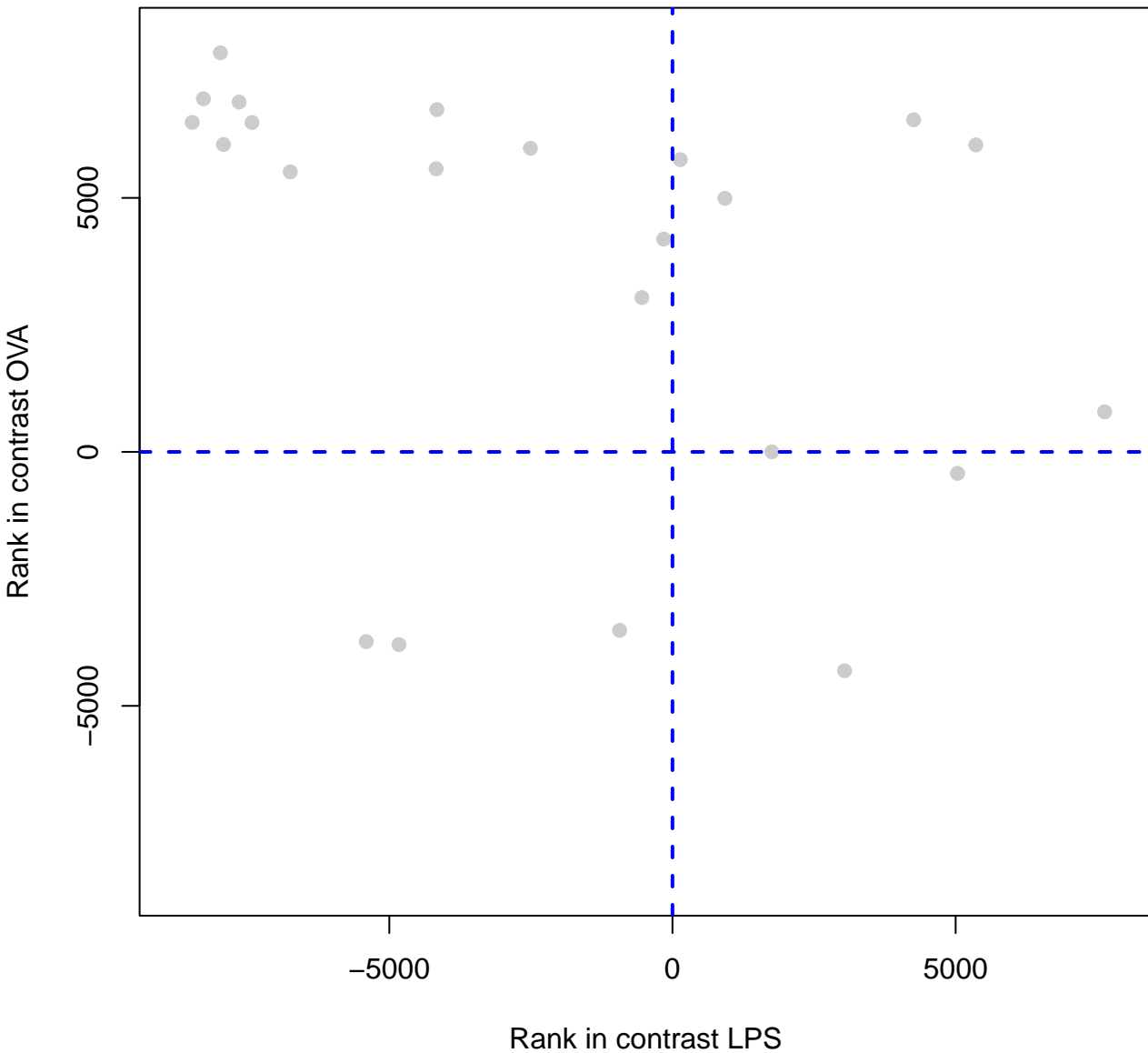
THE CITRIC ACID TCA CYCLE AND RESPIRATO



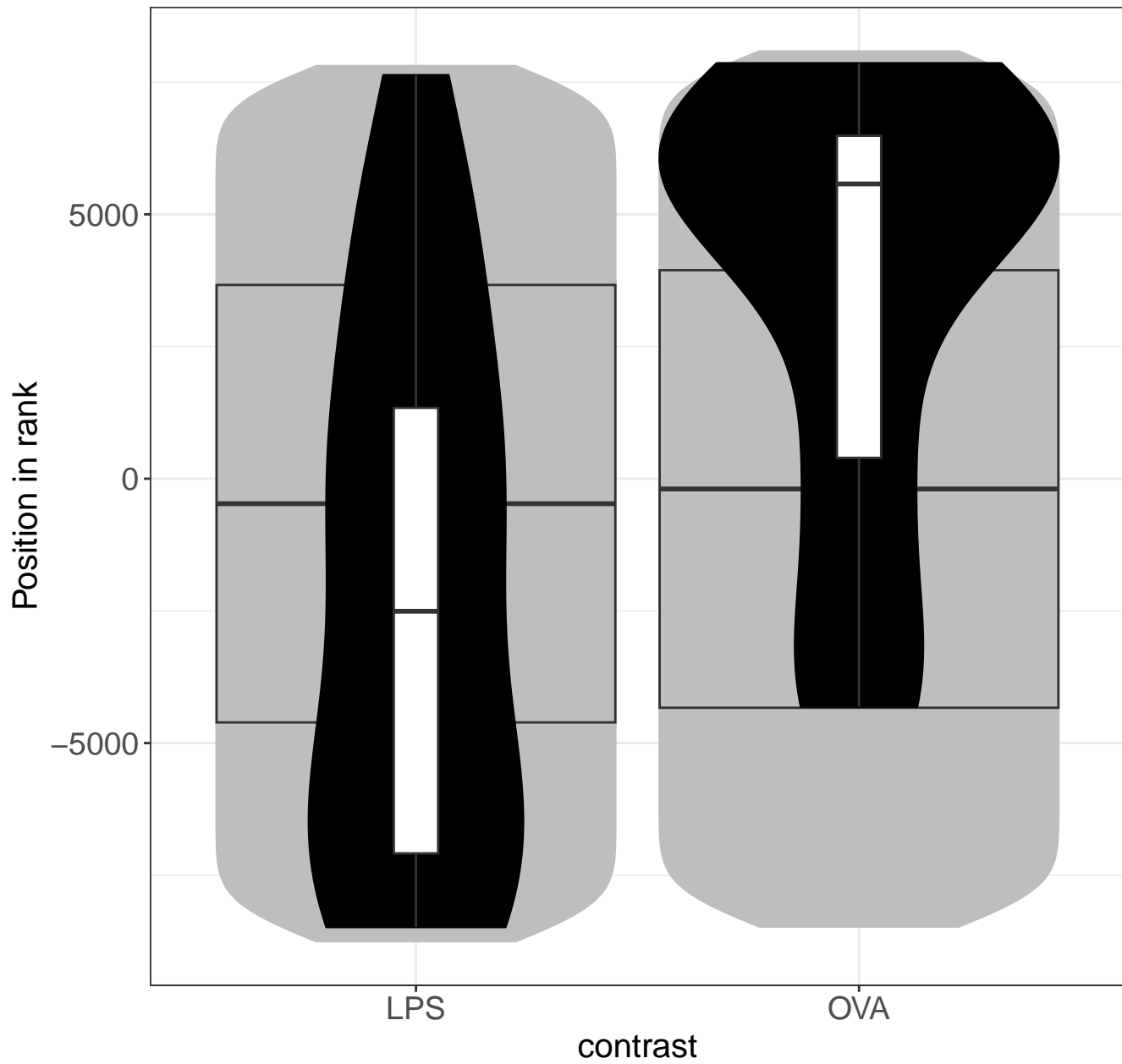
DARPP 32 EVENTS



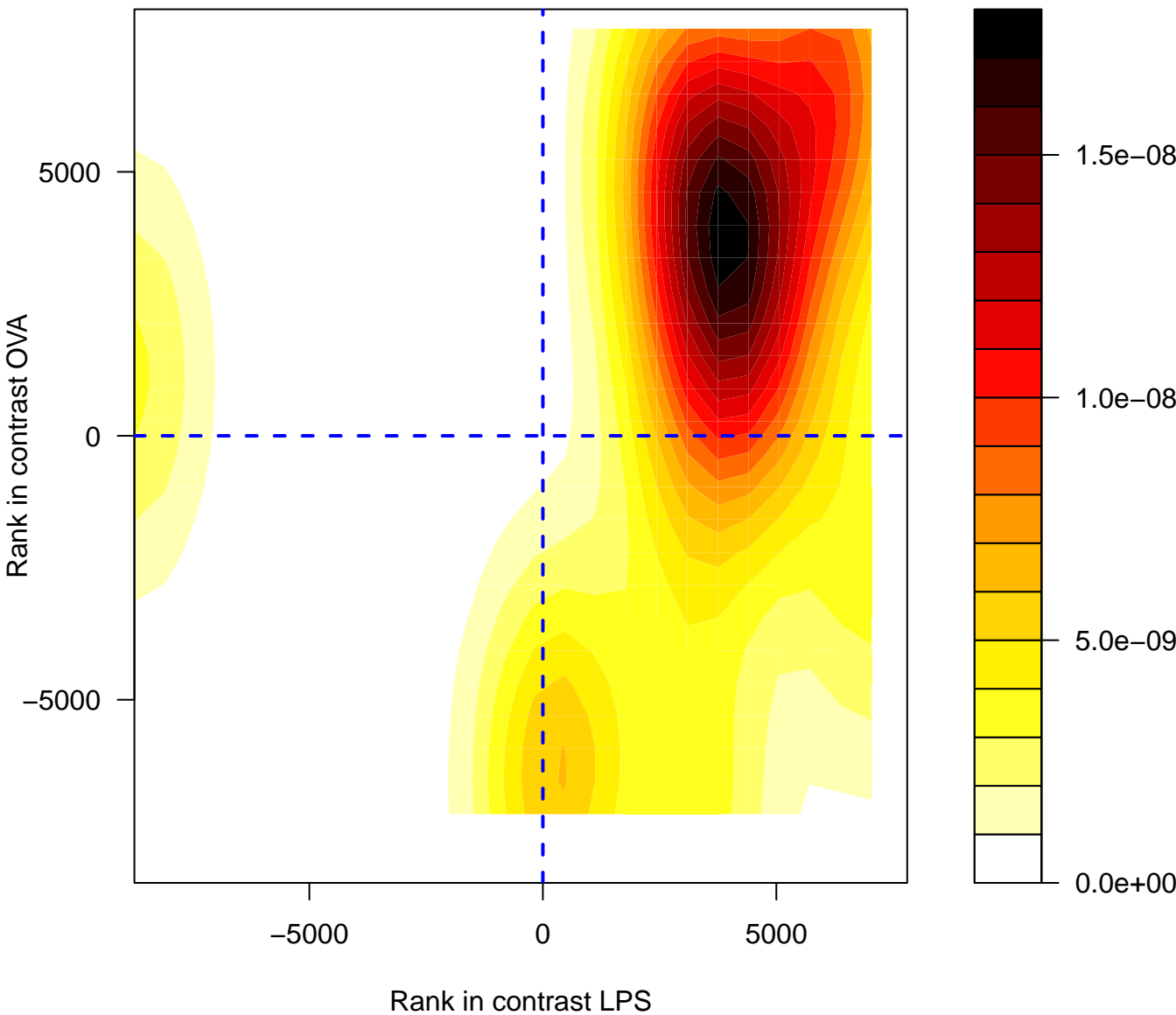
DARPP 32 EVENTS



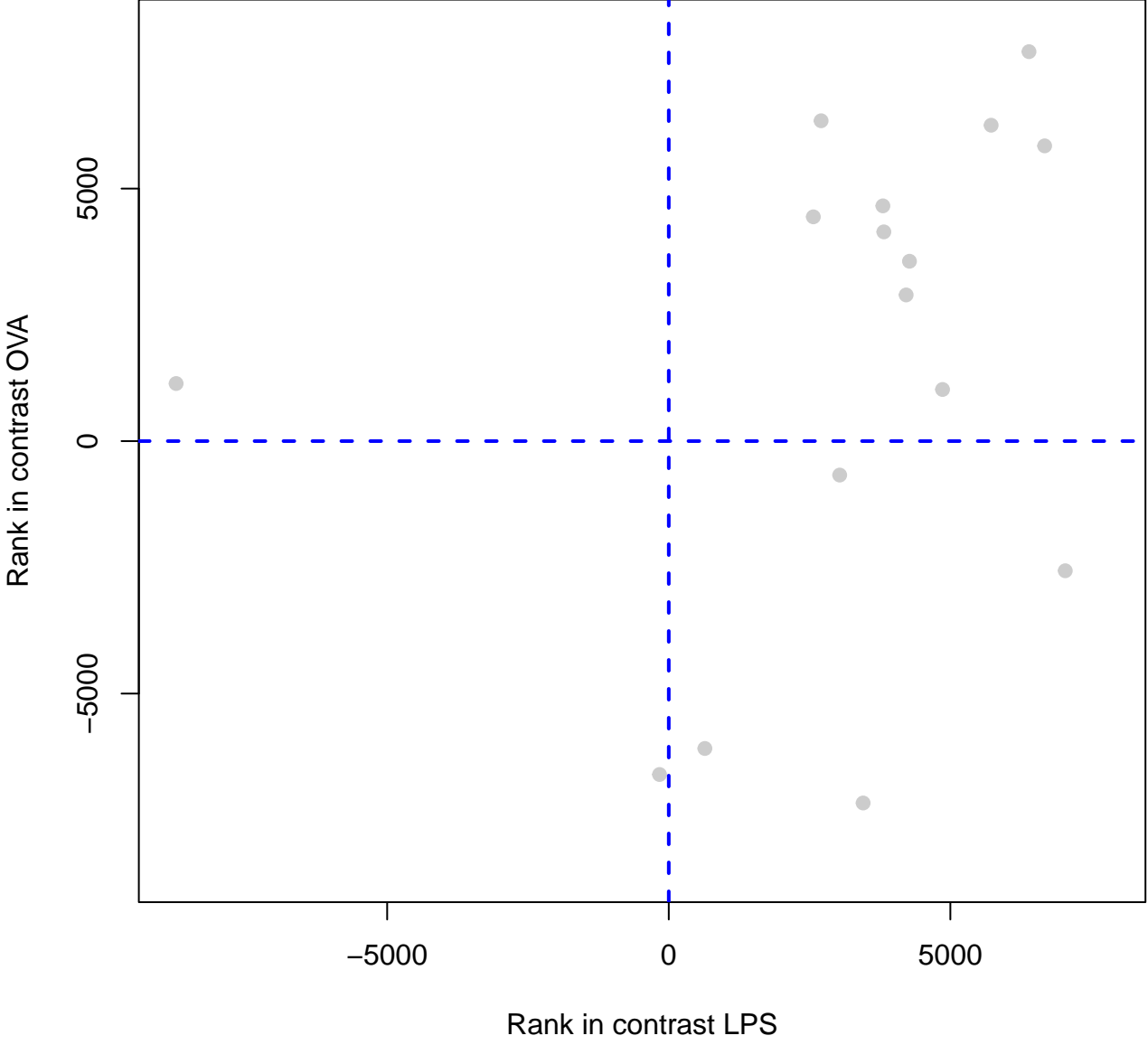
DARPP 32 EVENTS



ACTIVATION OF IRF3 IRF7 MEDIATED BY TBK1 IKK EPSIL



ACTIVATION OF IRF3 IRF7 MEDIATED BY TBK1 IKK EPSILON



ACTIVATION OF IRF3 IRF7 MEDIATED BY TBK1

