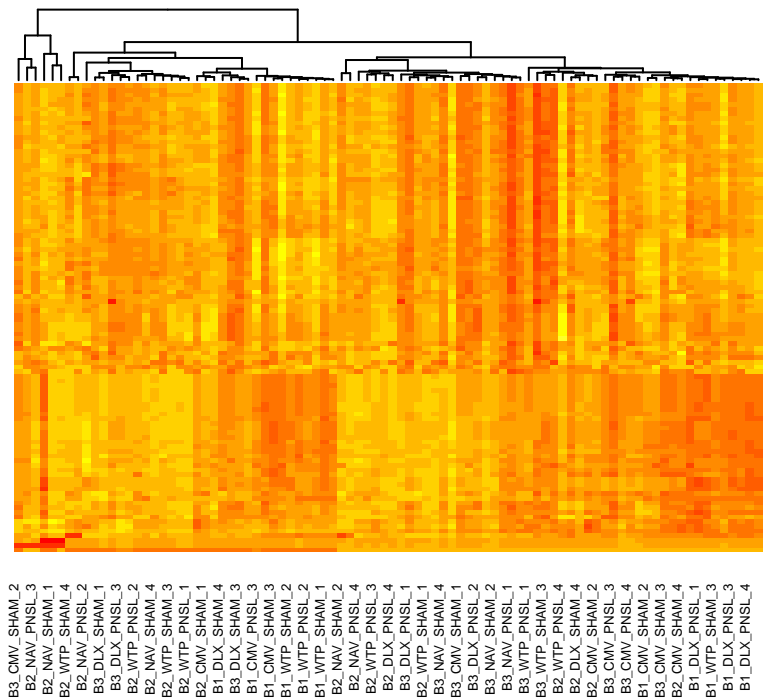


Differential expression and GO terms analysis with HiSat2

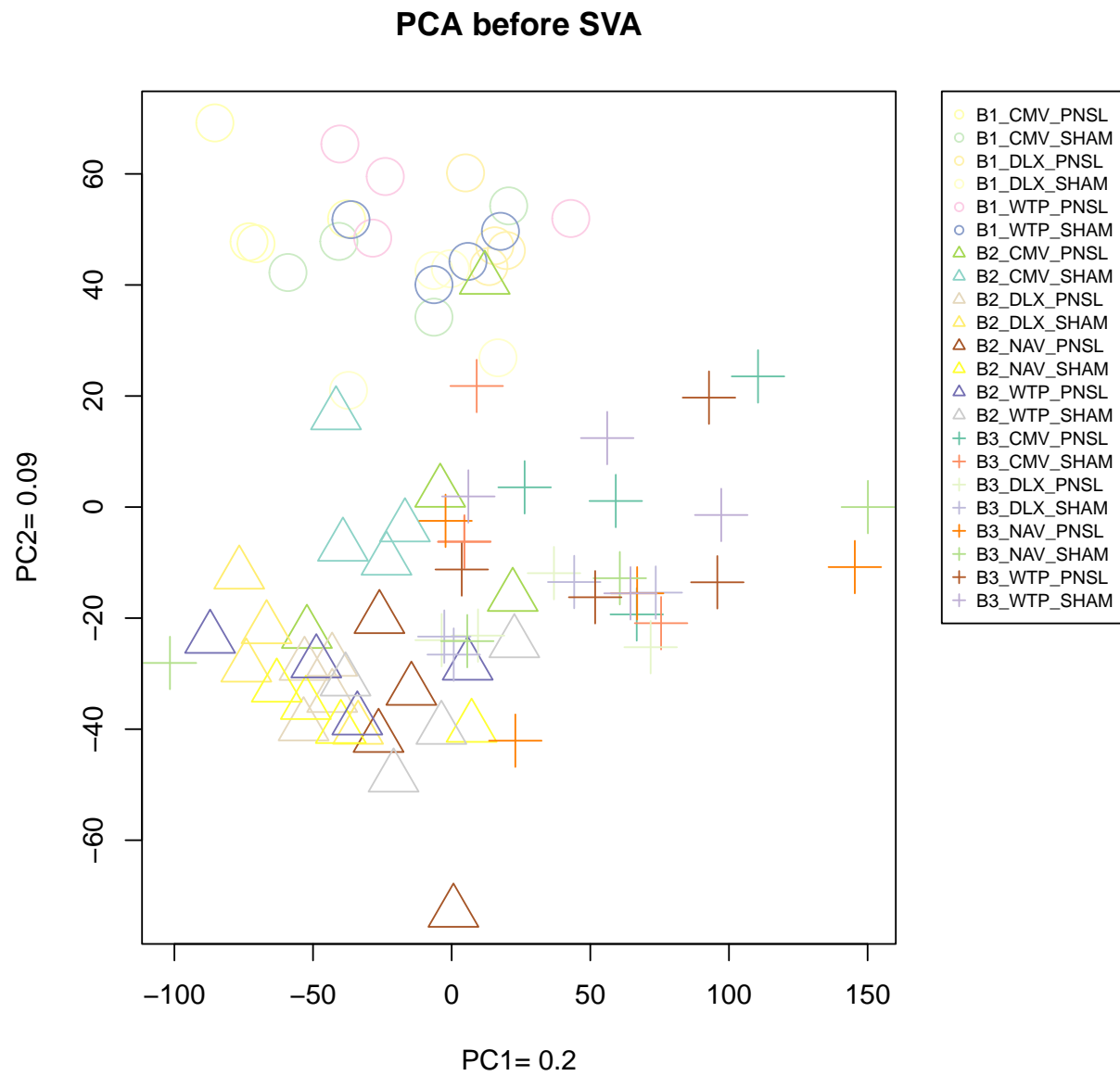
Section 1 - Limma

Heatmap raw data

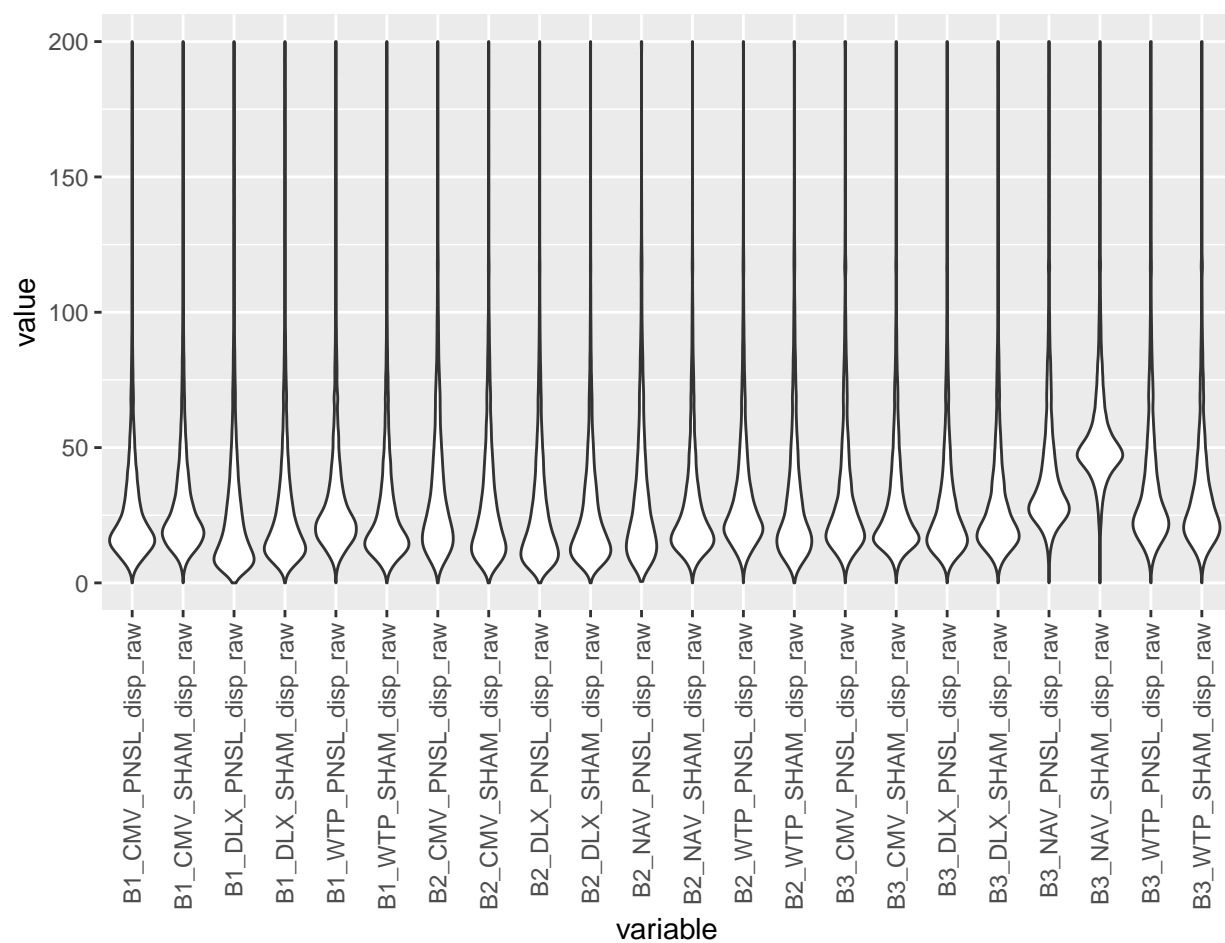
**atmap for 100 most variable samples
raw data**



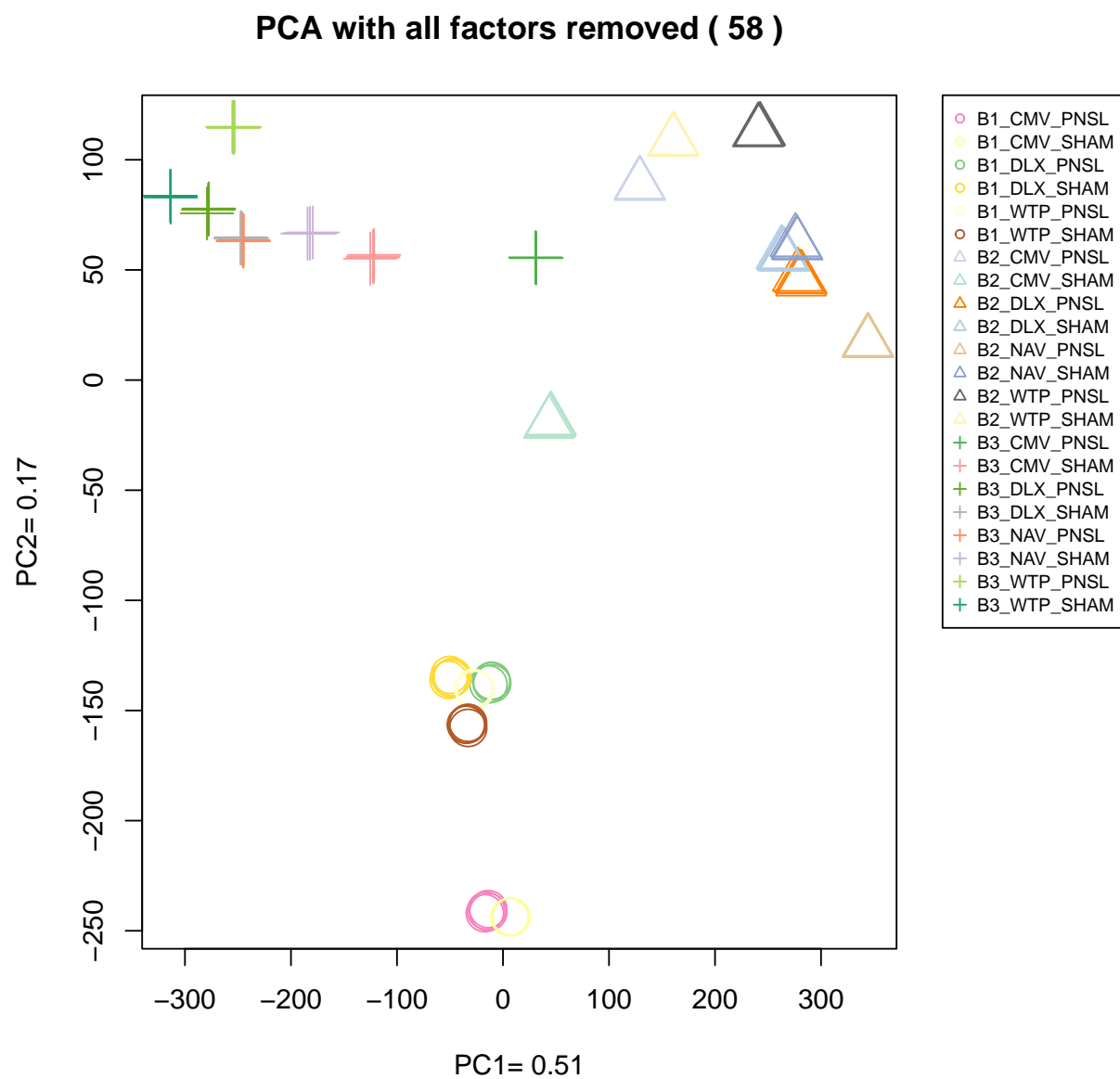
PCA raw data



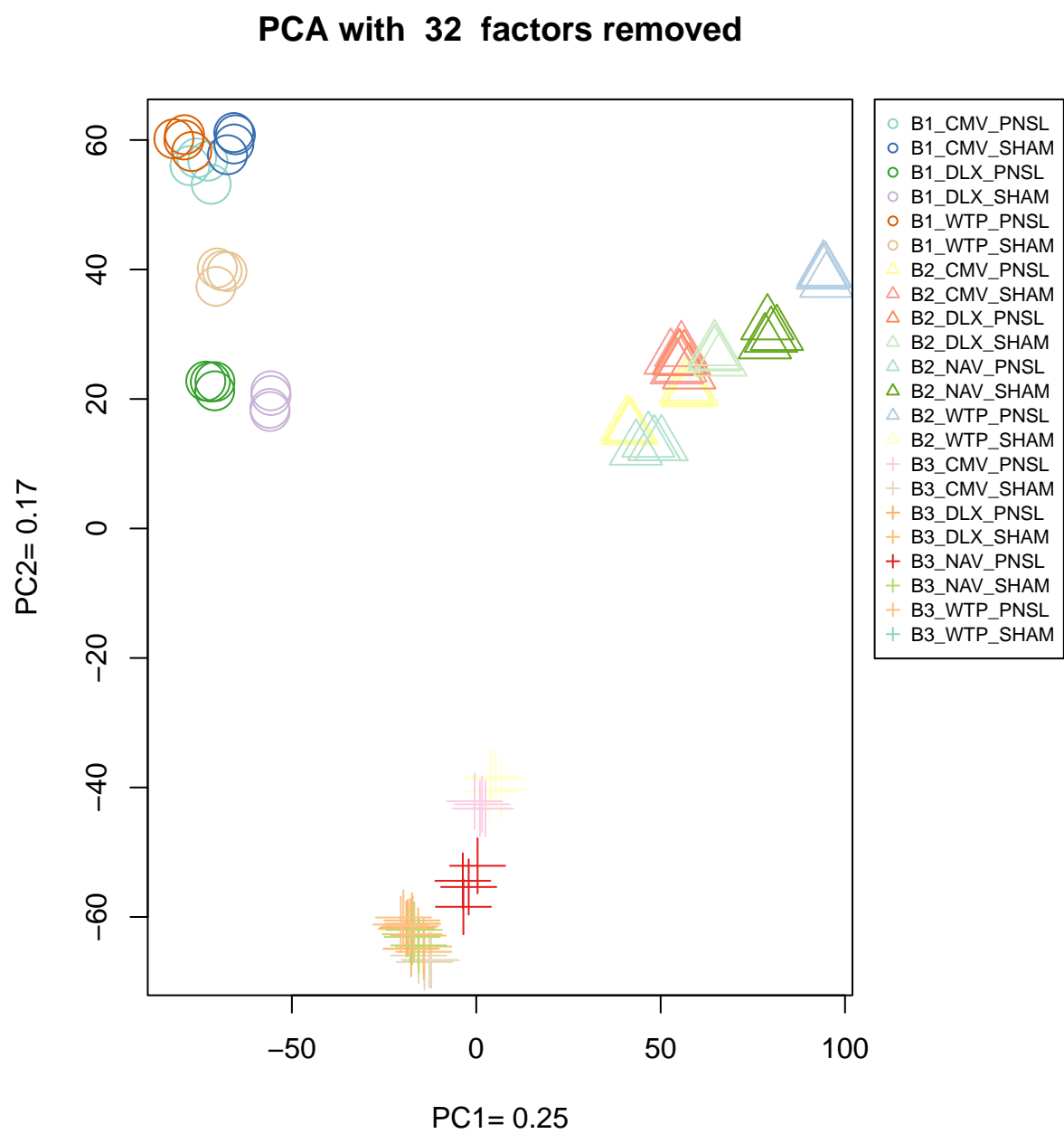
Violinplot raw data



PCA with all factors removed 58'



Final PCA with 32 factors removed



Number of differentially expressed genes with adjusted p-value < 0.05: 9703

Section 2 -EdgeR

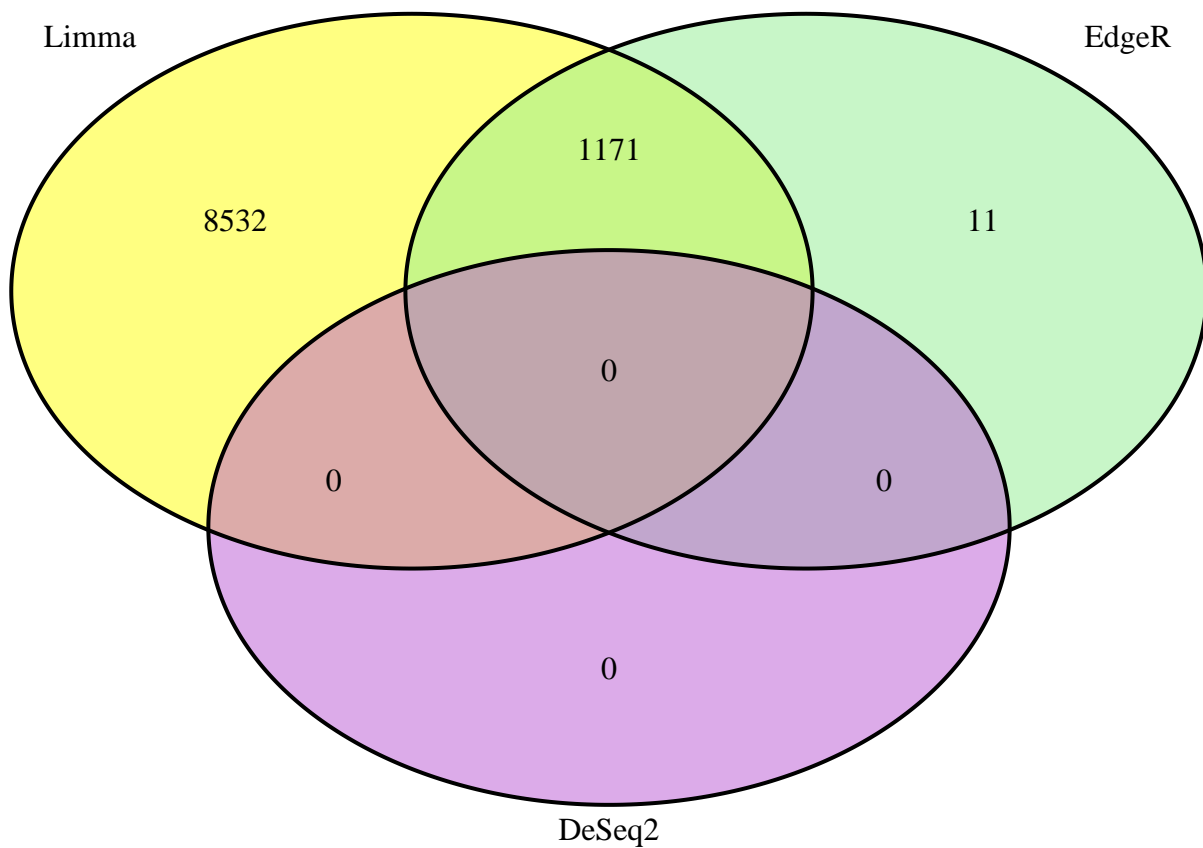
Number of differentially expressed genes with adjusted p-value < 0.05: 1182

Section 3 -DeSeq

Number of differentially expressed genes with adjusted p-value < 0.05: 0

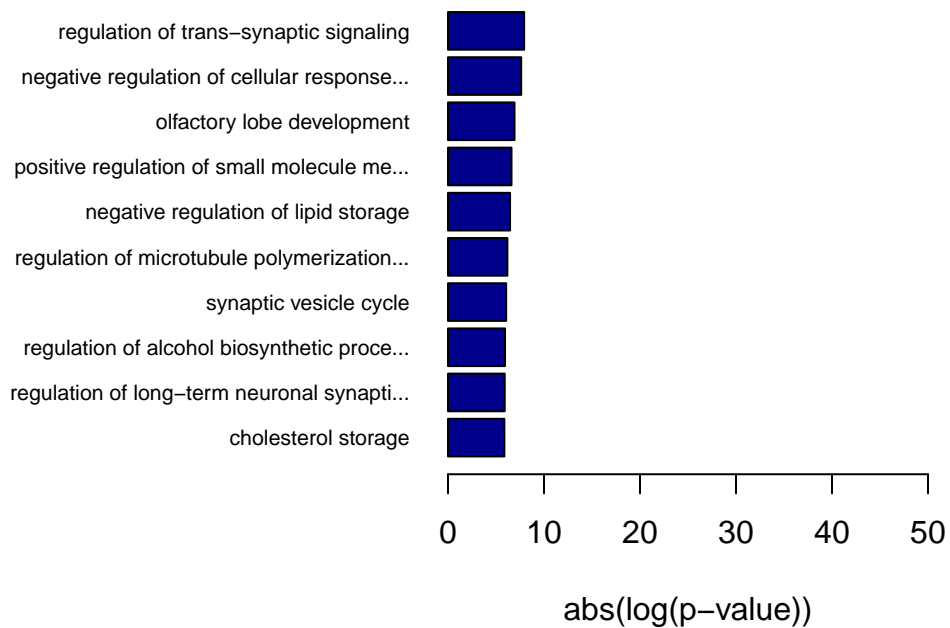
Ven diagram for all three methods

NULL

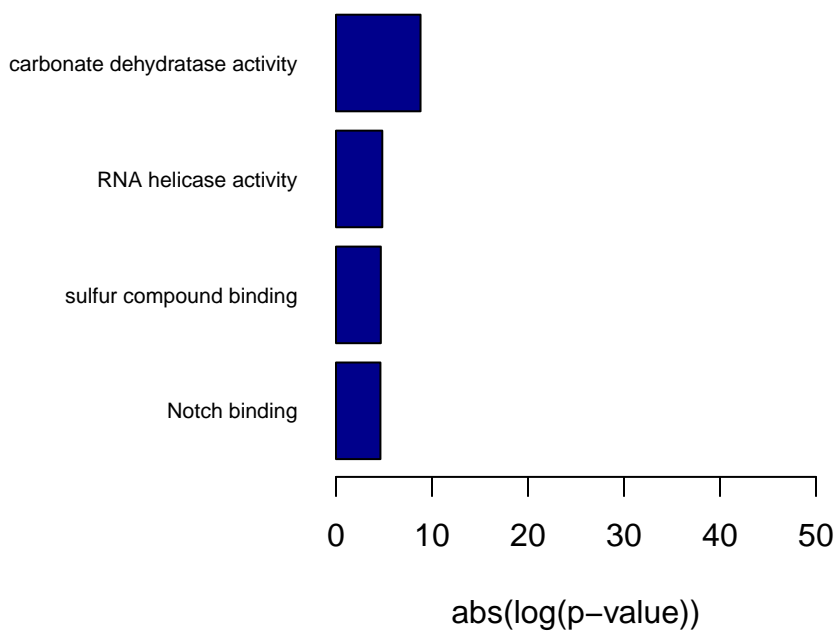


Barplots for top 10 terms for given GO term

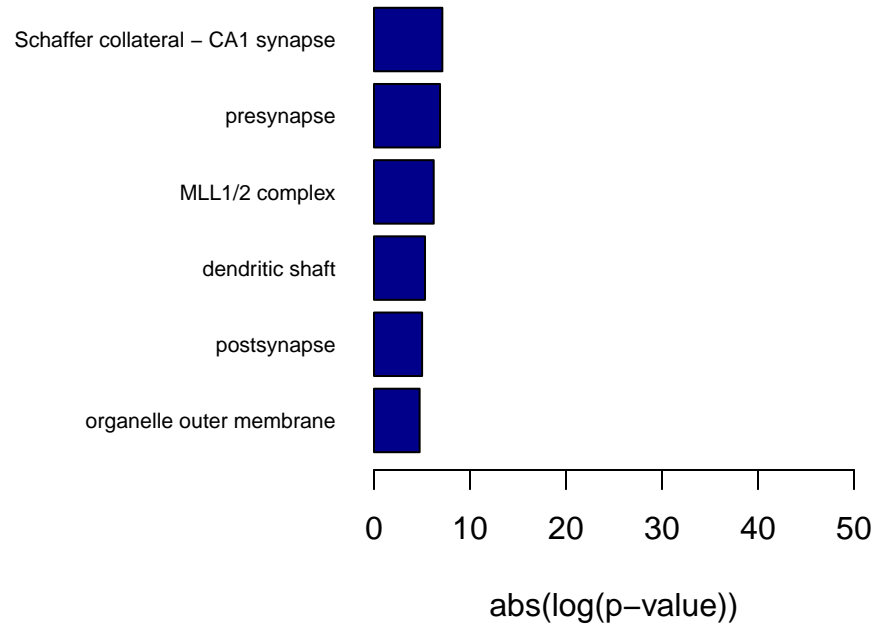
Top 10 BP for limma



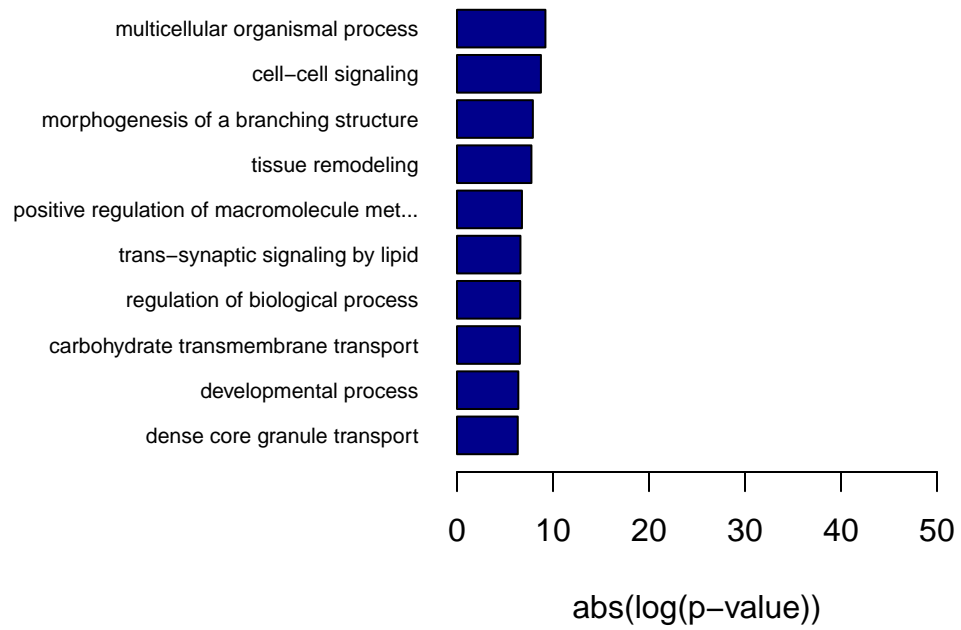
Top 4 MF for limma



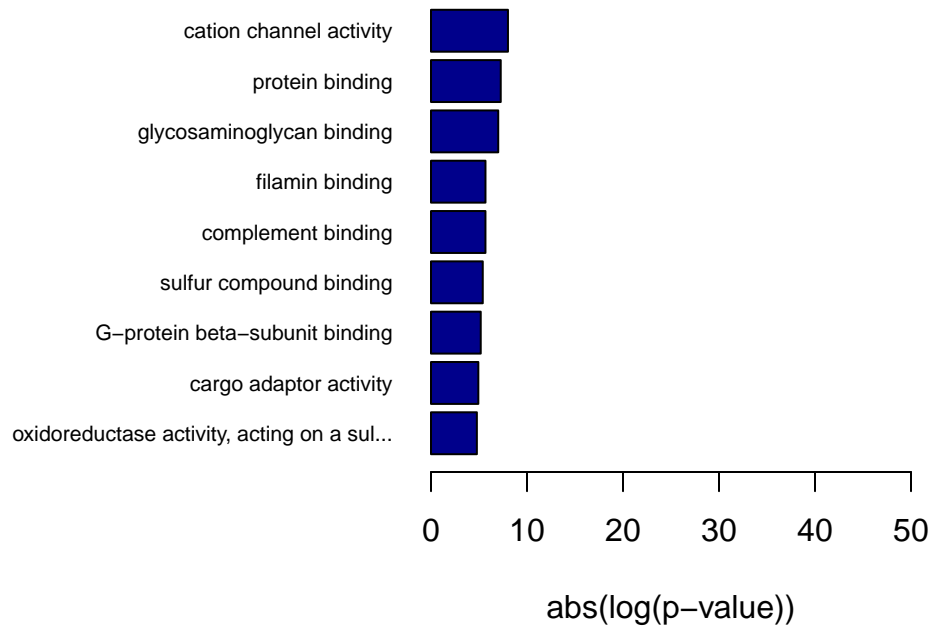
Top 6 CC for limma



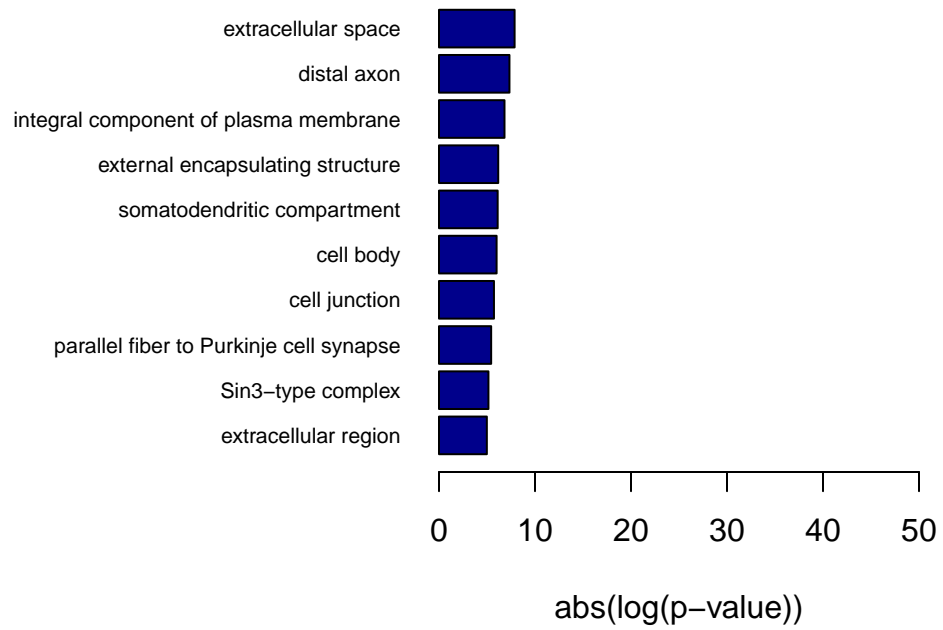
Top 10 BP for edgeR



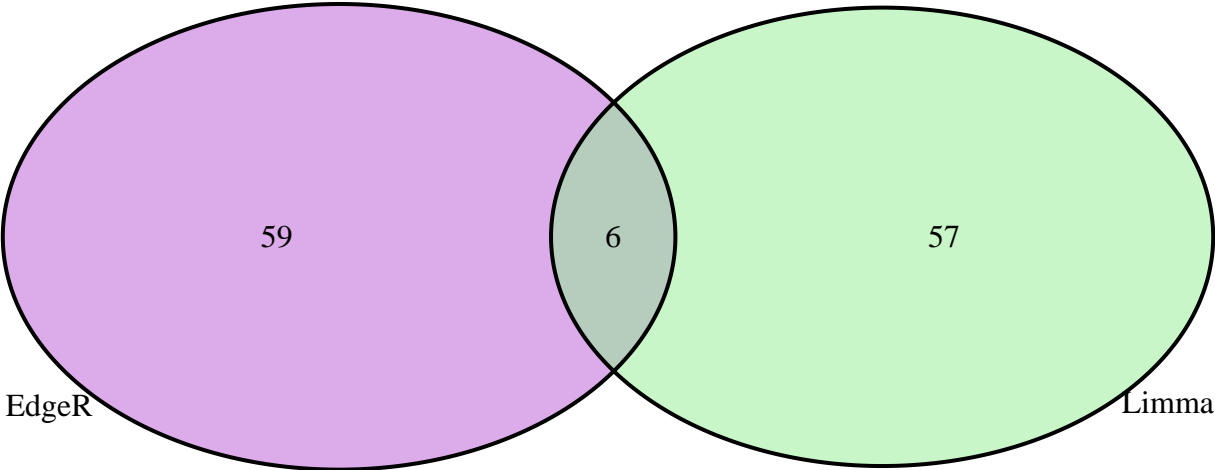
Top 9 MF for edgeR

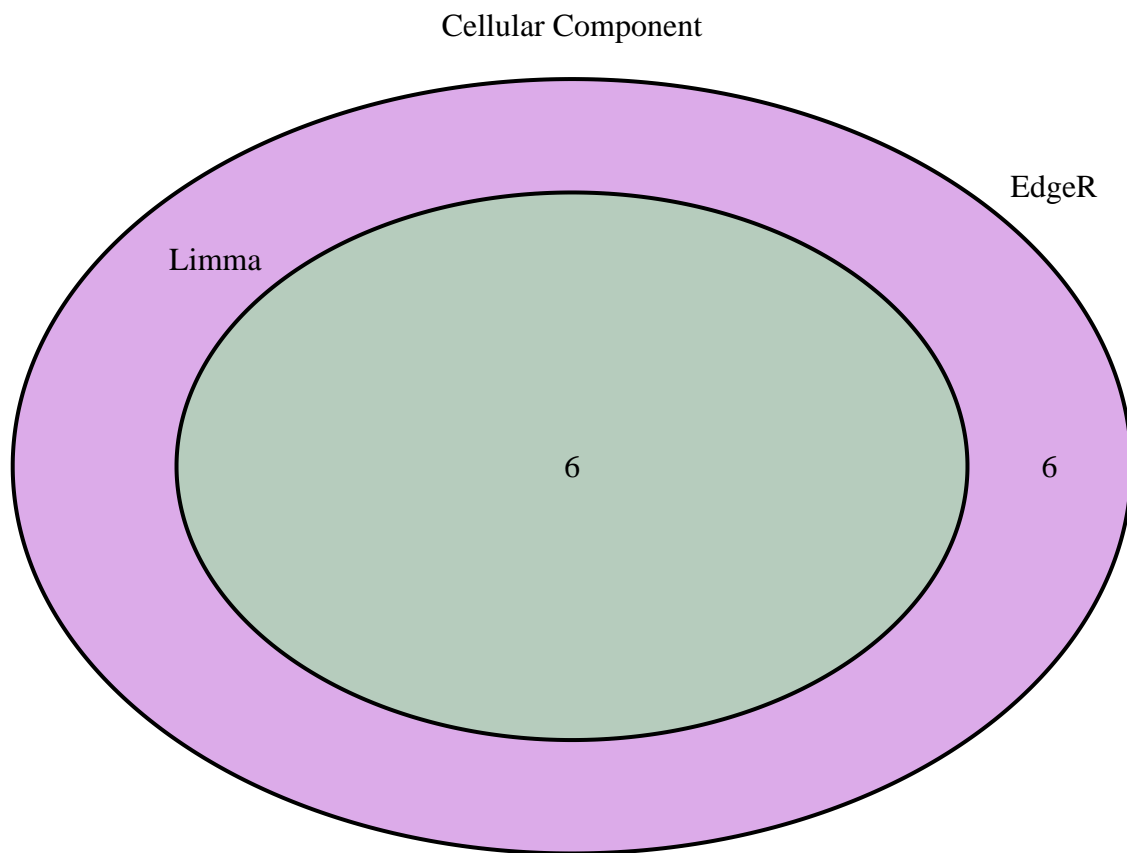


Top 10 CC for edgeR



Biological Process





Molecular FUnction

