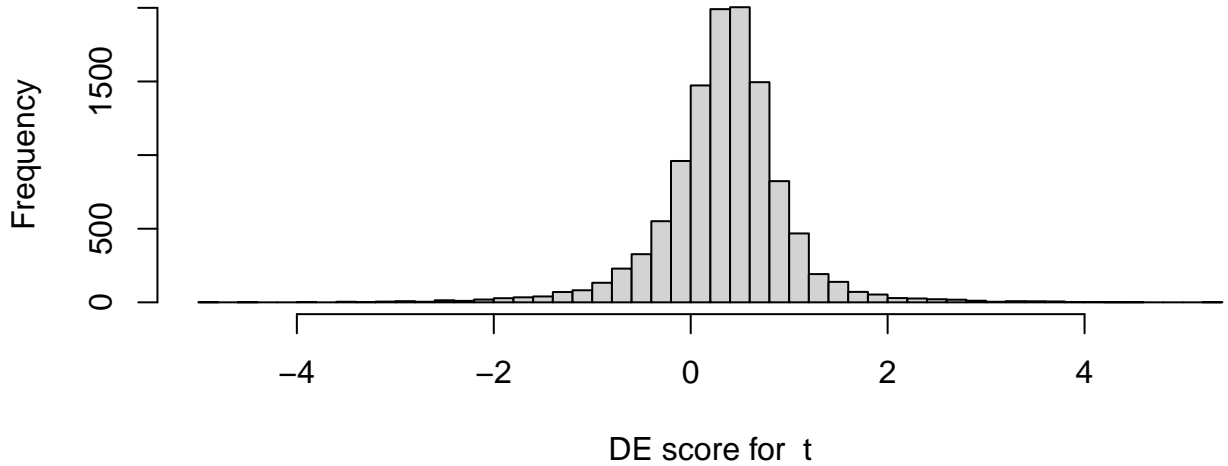
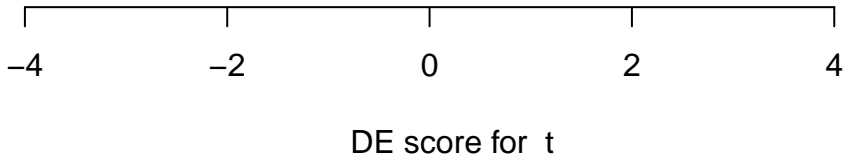


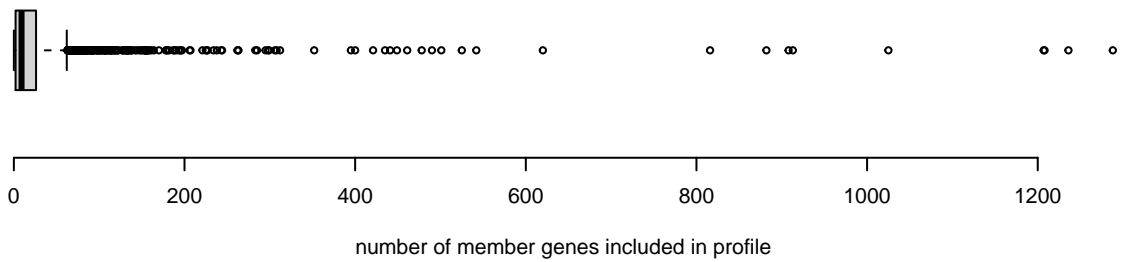
# Distribution of DE scores



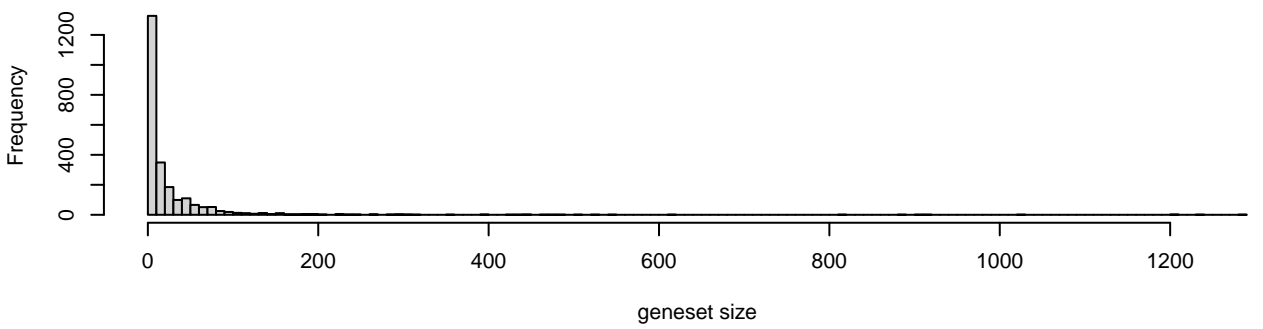
11370 genes in total, 8846 trending up-regulated, 2524 trending down-regulated



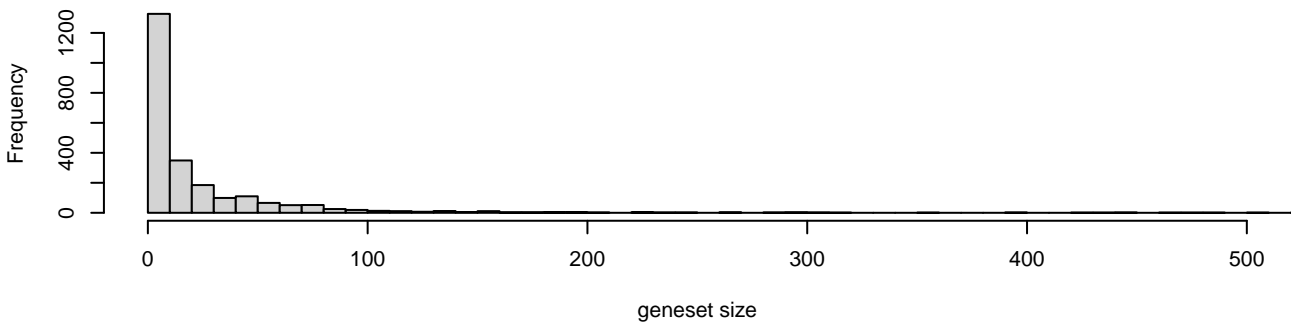
### Gene set size



### Histogram of geneset size

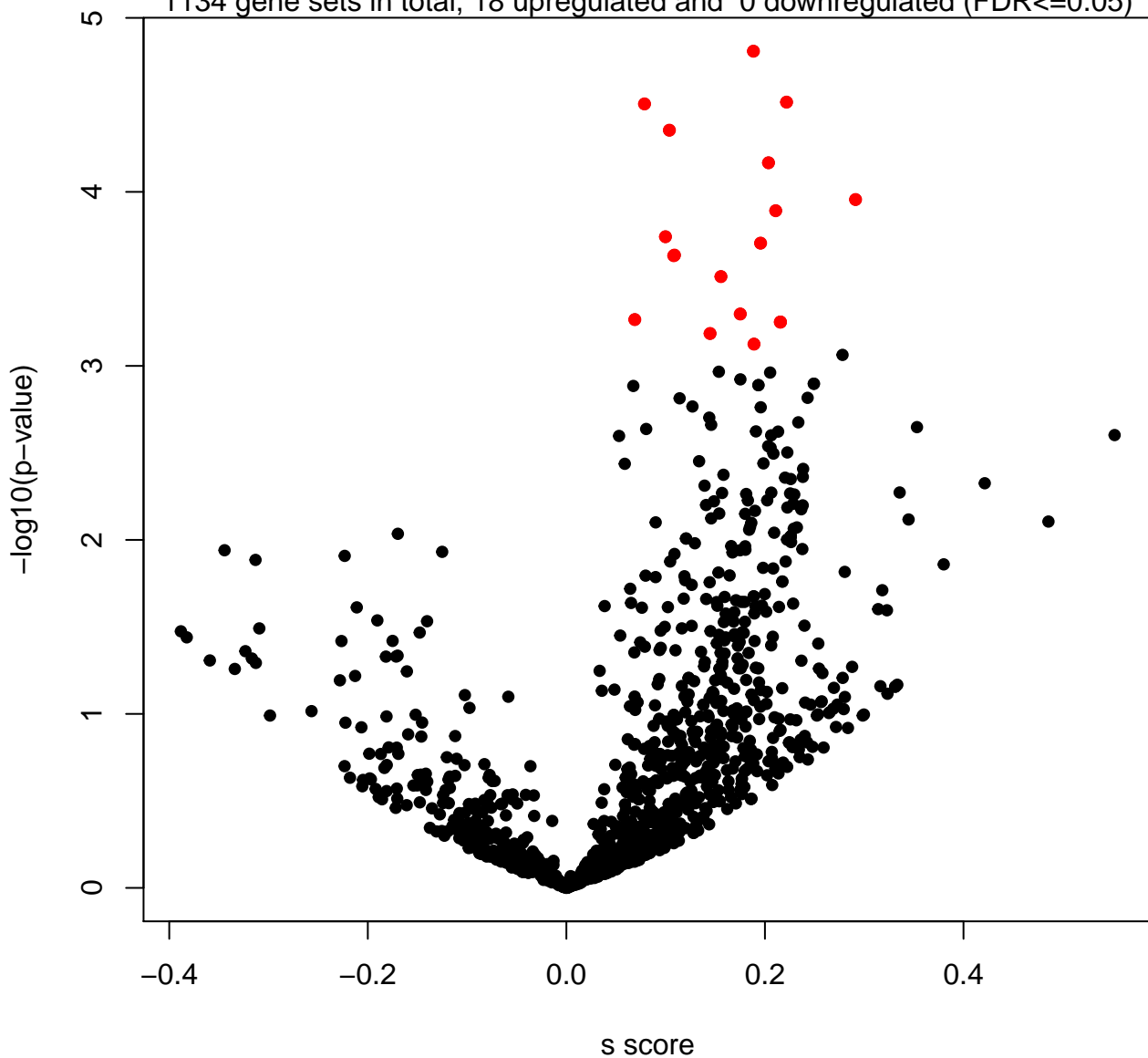


### Trimmed histogram of geneset size



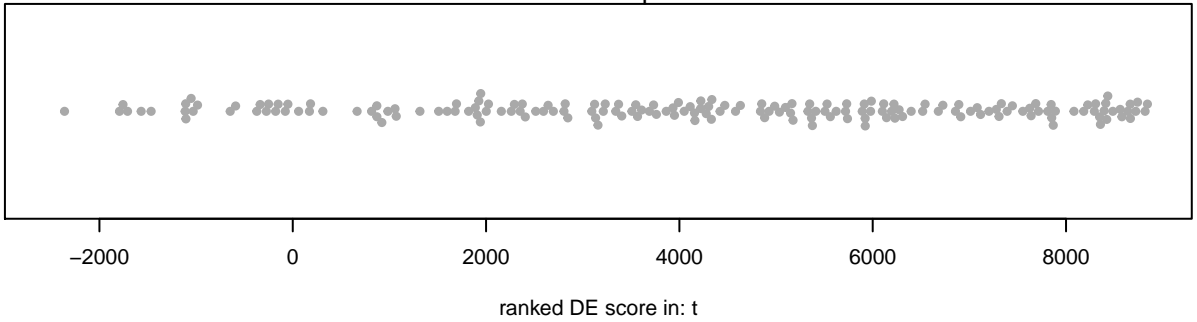
# volcano plot of gene set enrichments

1134 gene sets in total, 18 upregulated and 0 downregulated (FDR $\leq$ 0.05)

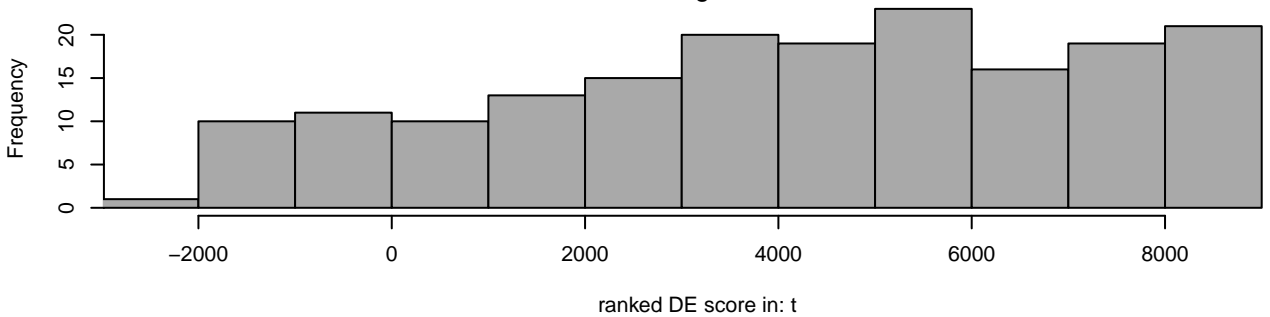


# Signaling by WNT

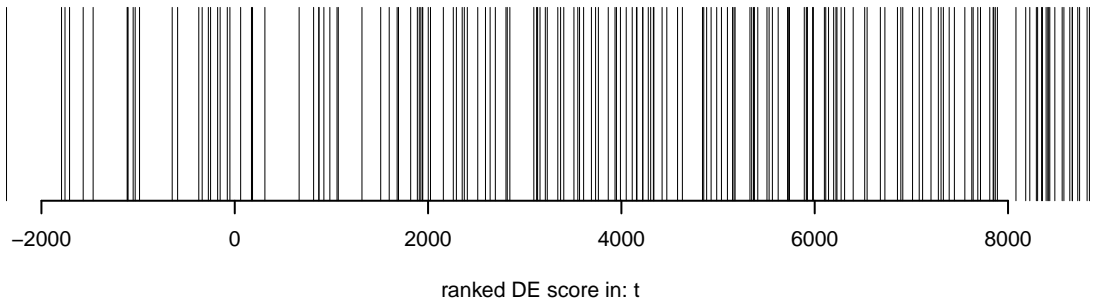
beeswarm plot



histogram

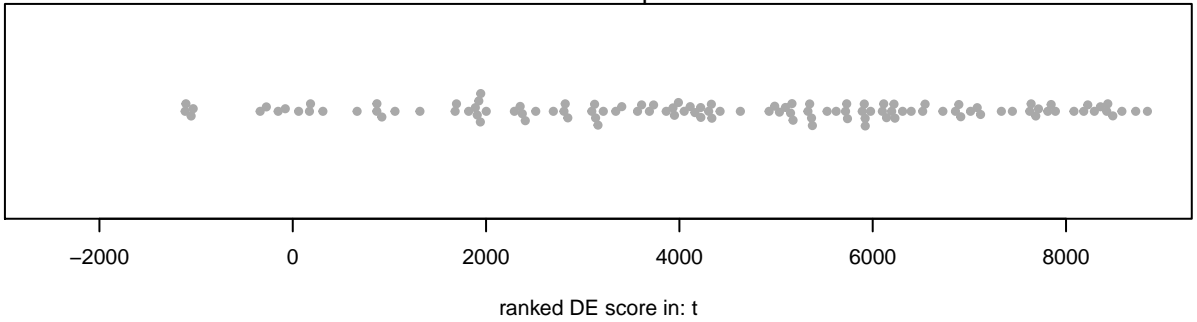


rugplot

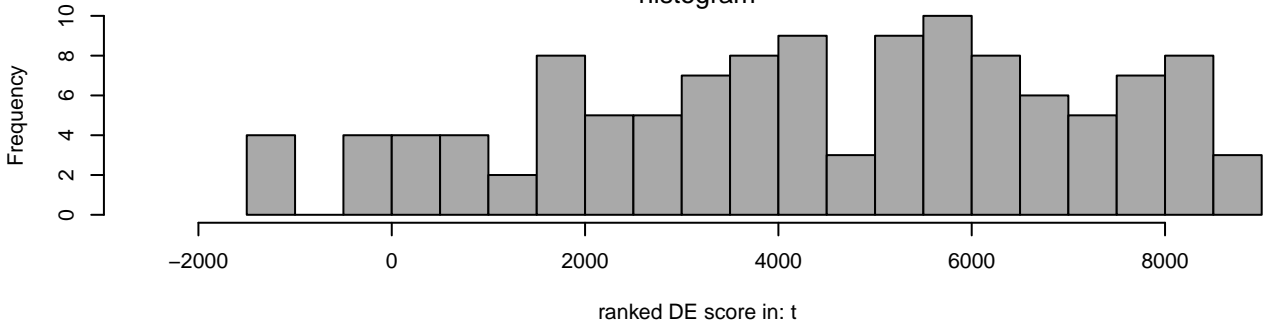


# TCF dependent signaling in response to WNT

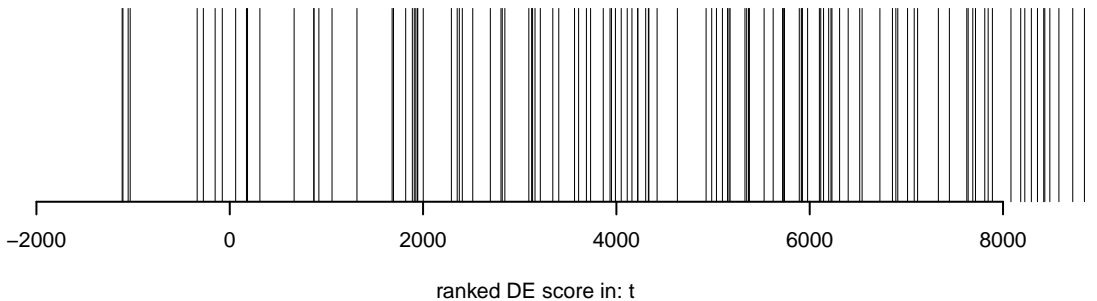
beeswarm plot



histogram

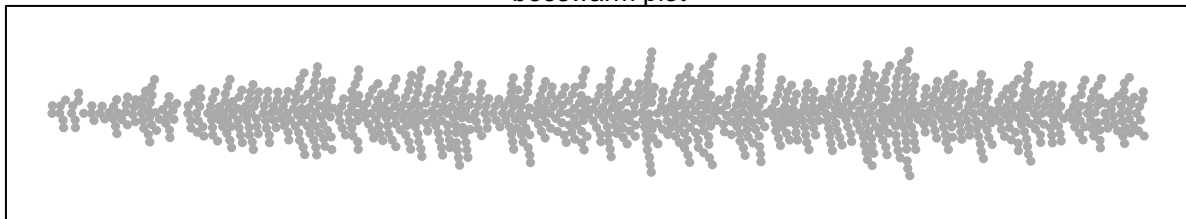


rugplot



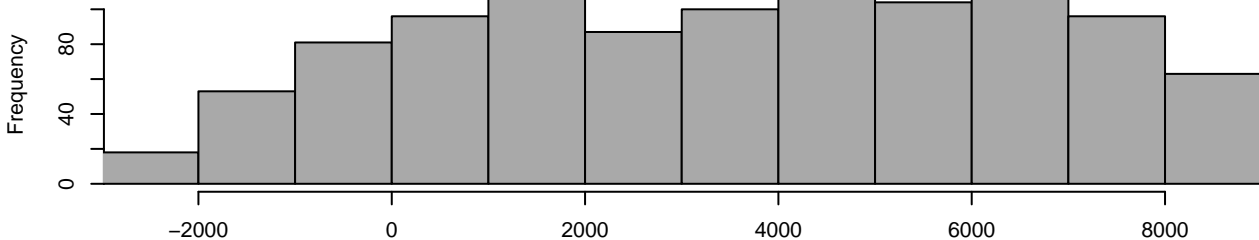
# Gene expression (Transcription)

beeswarm plot



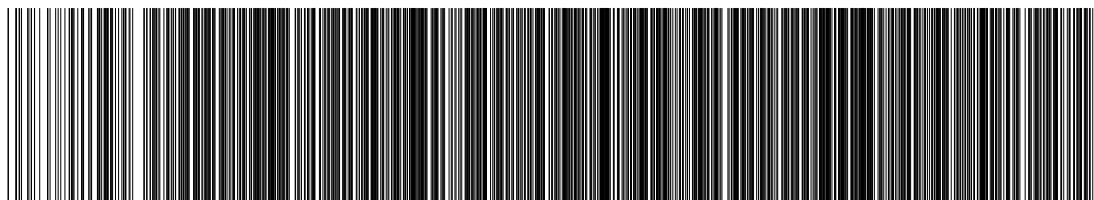
ranked DE score in: t

histogram



ranked DE score in: t

rugplot



-2000

0

2000

4000

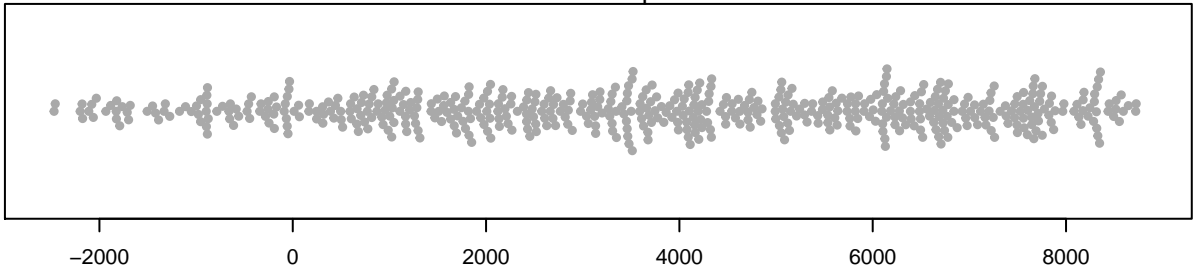
6000

8000

ranked DE score in: t

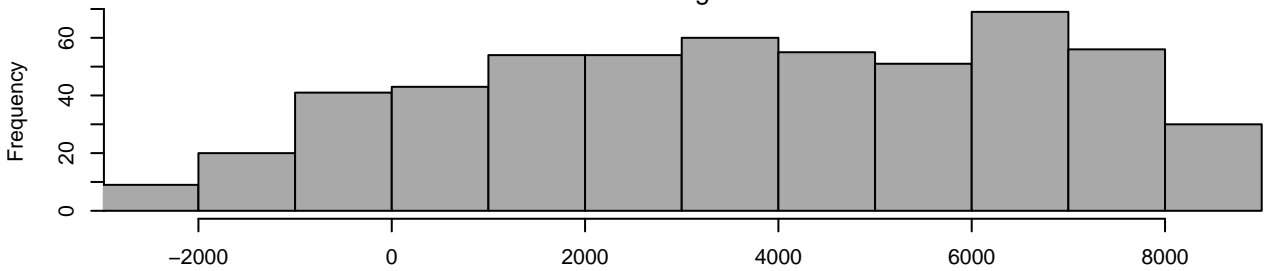
# Metabolism of RNA

beeswarm plot



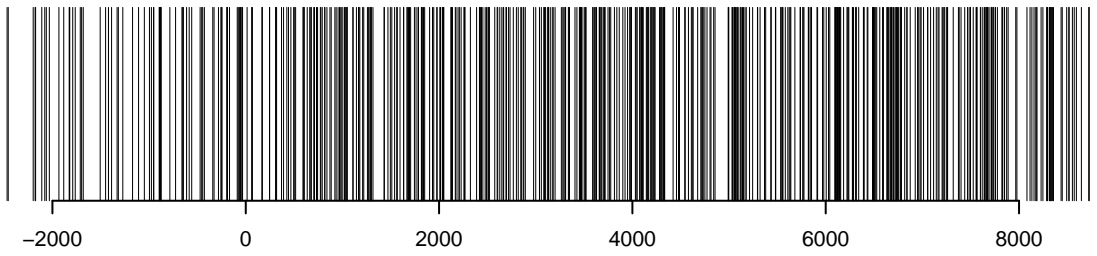
ranked DE score in: t

histogram



ranked DE score in: t

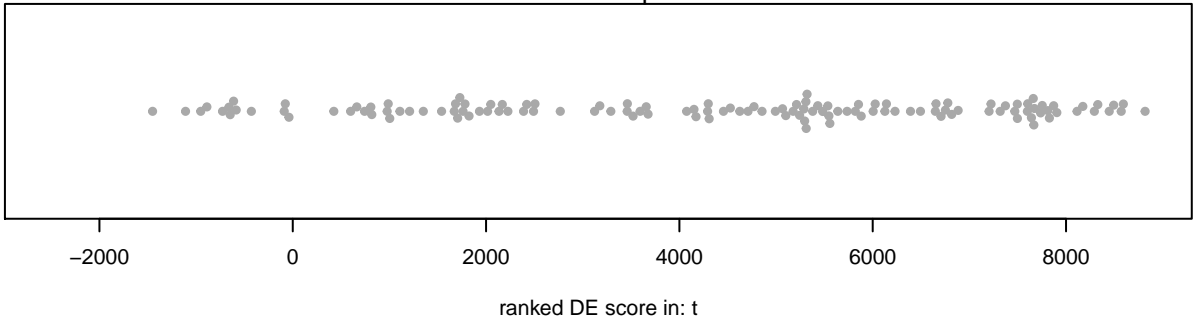
rugplot



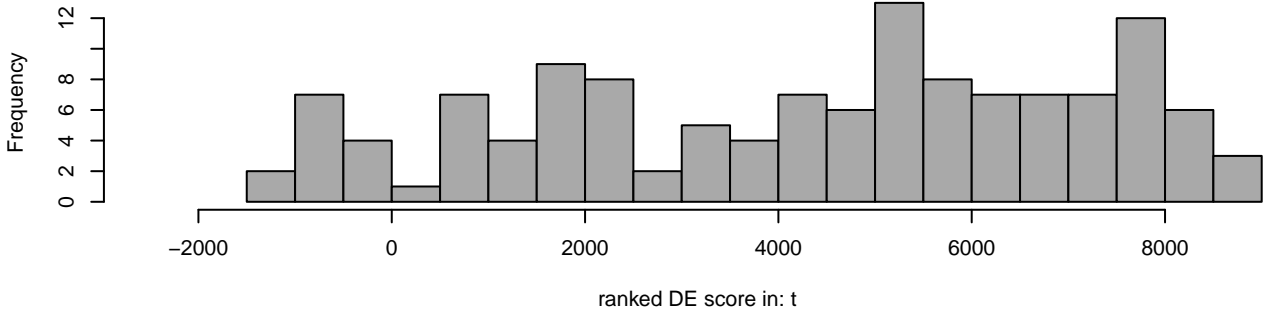
ranked DE score in: t

# Influenza Infection

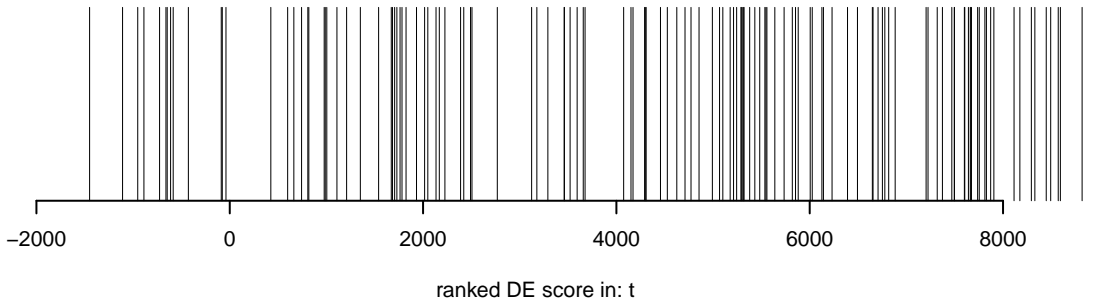
beeswarm plot



histogram



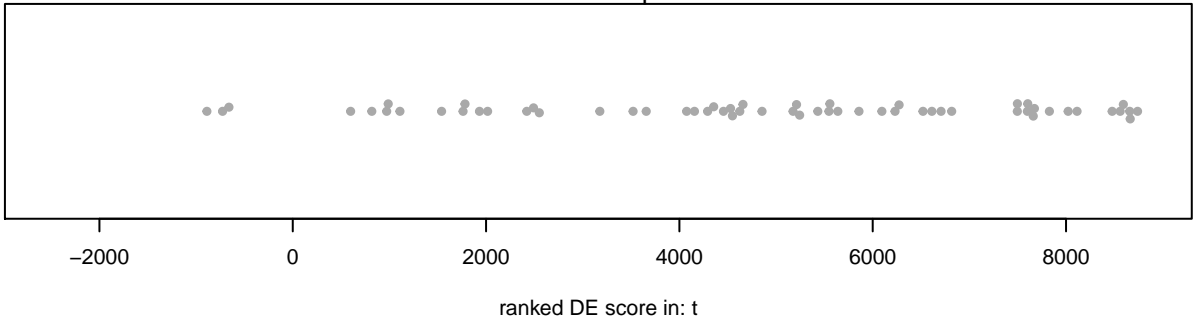
rugplot



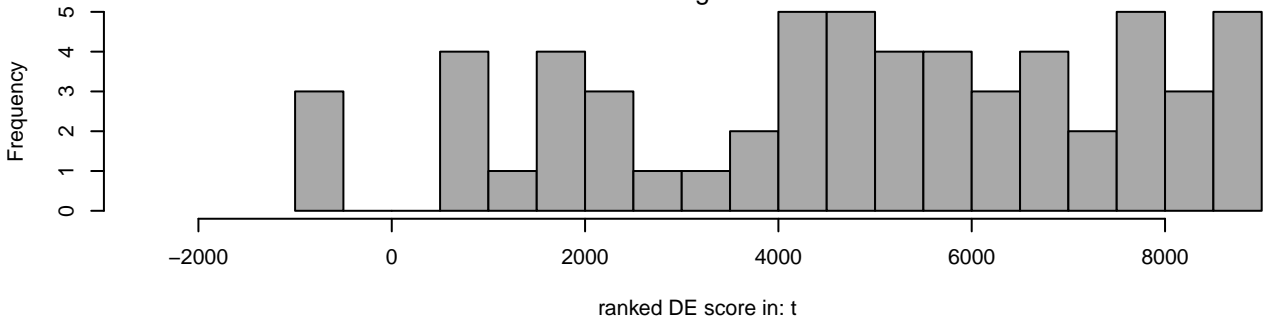


# Gene Silencing by RNA

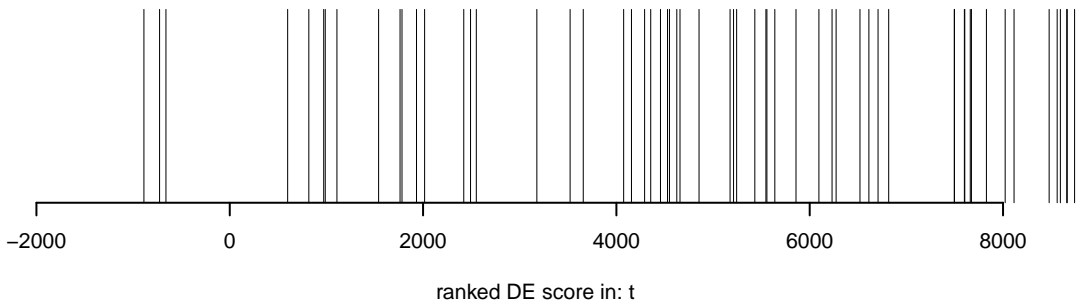
beeswarm plot



histogram

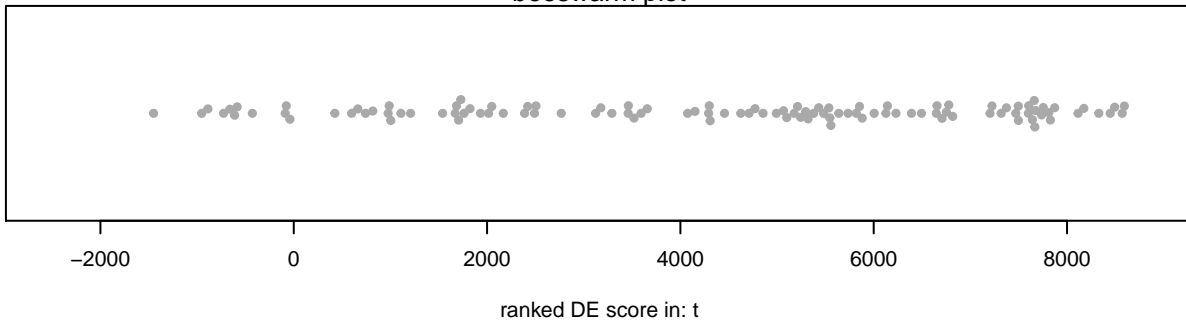


rugplot

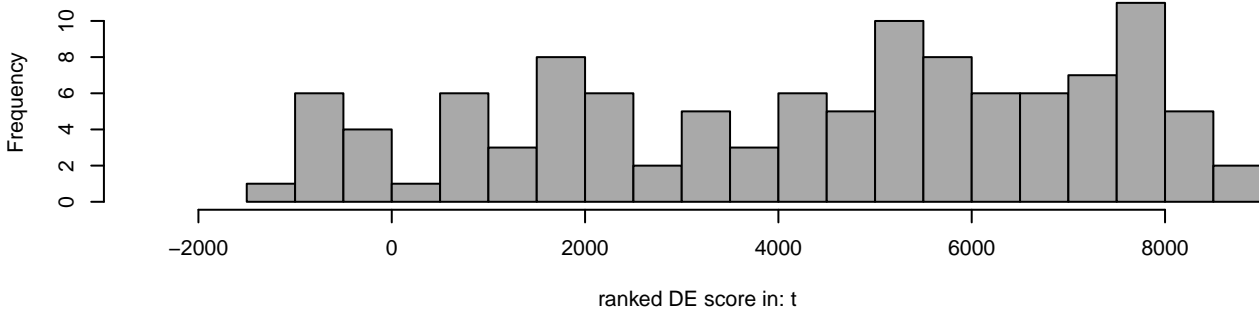


# Influenza Viral RNA Transcription and Replication

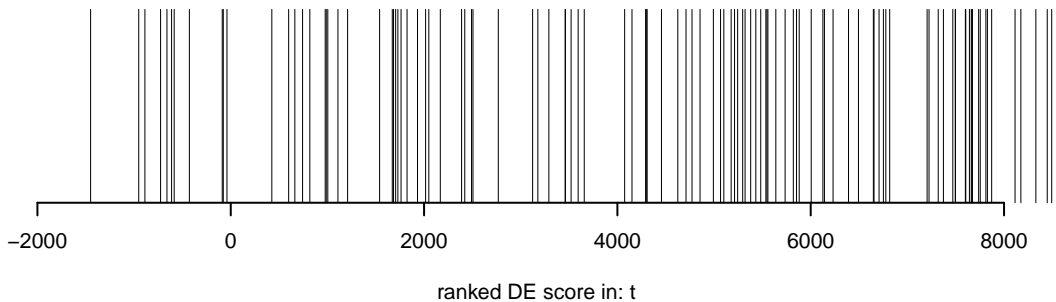
beeswarm plot



histogram

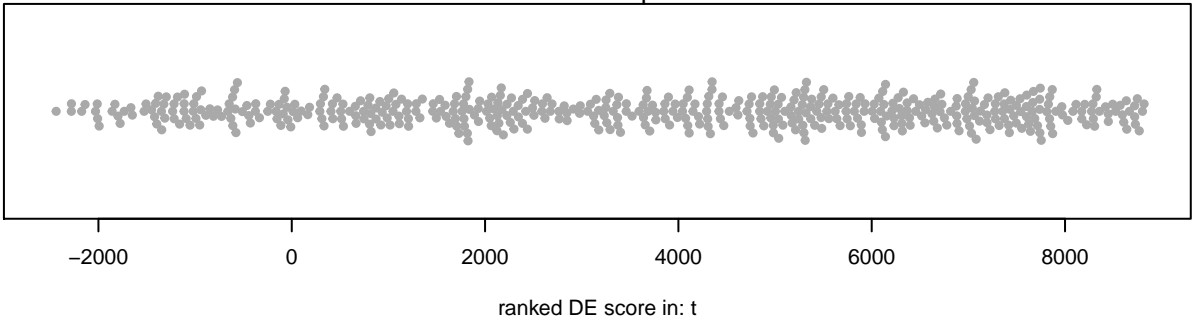


rugplot

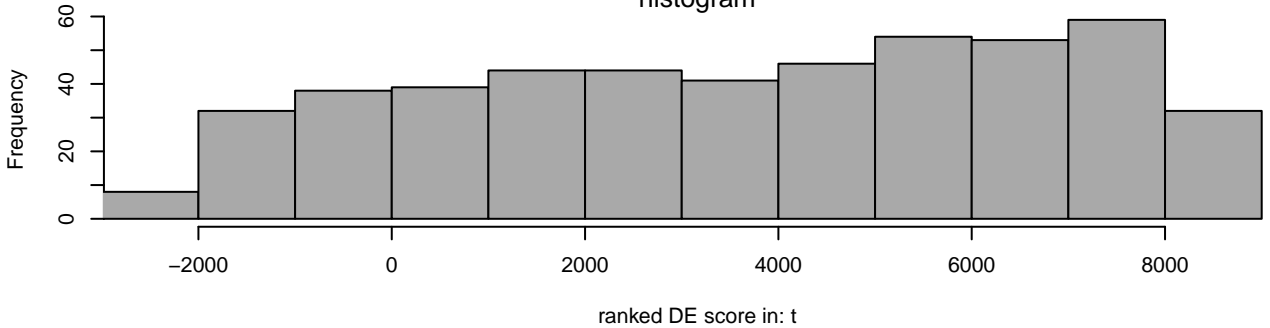


# Infectious disease

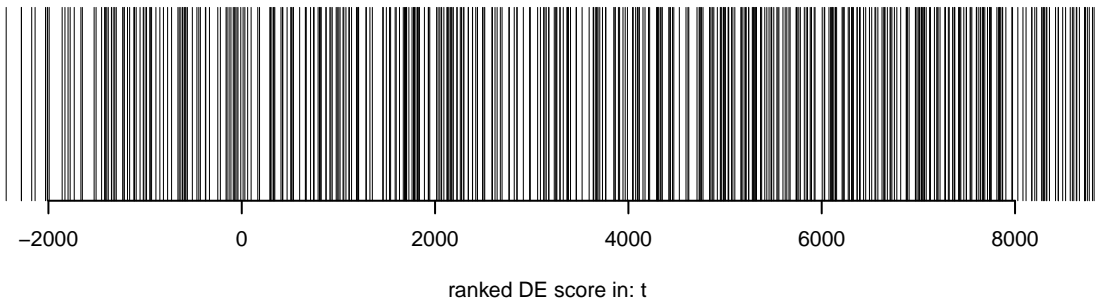
beeswarm plot



histogram

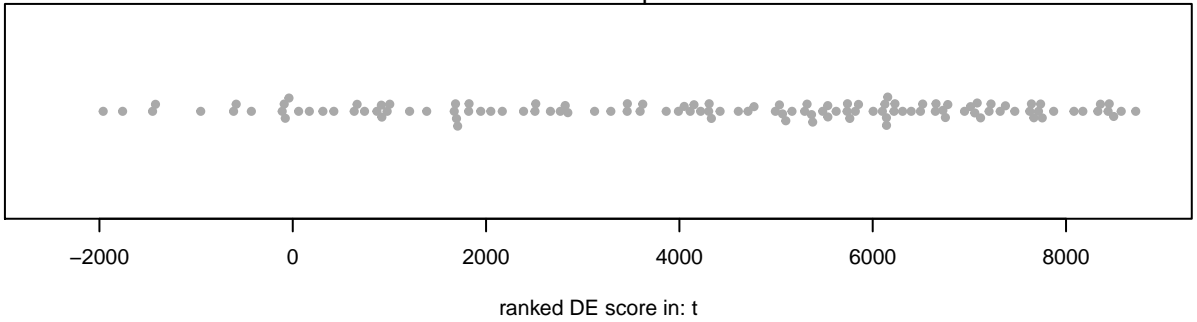


rugplot

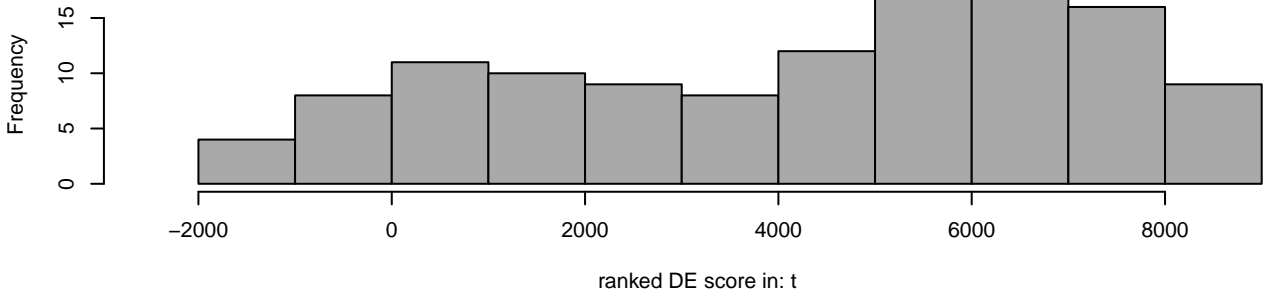


# Regulation of expression of SLITs and ROBOs

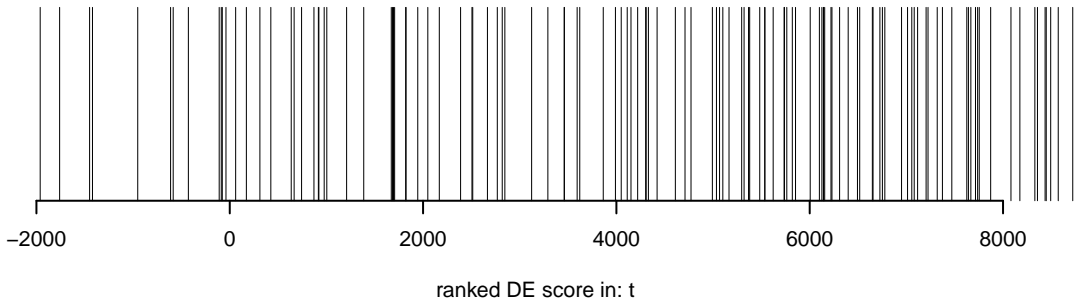
beeswarm plot



histogram

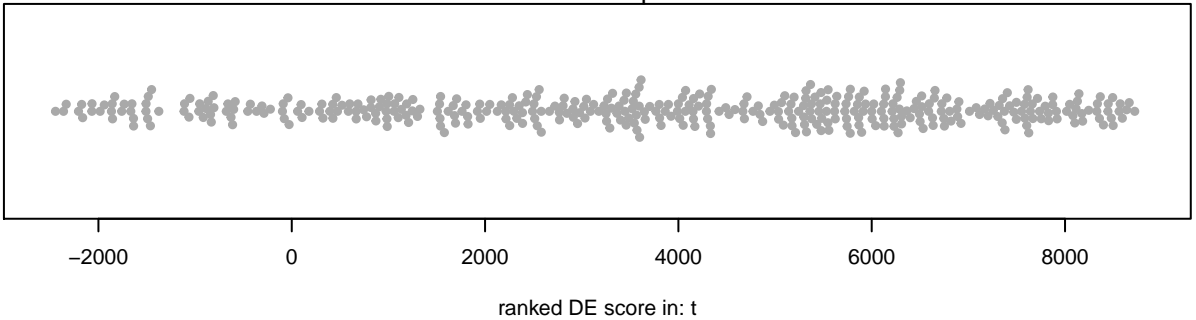


rugplot

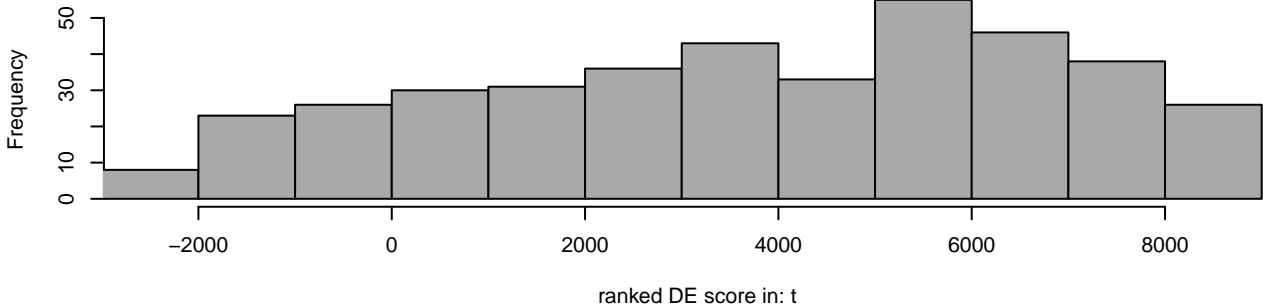


# Cellular responses to stress

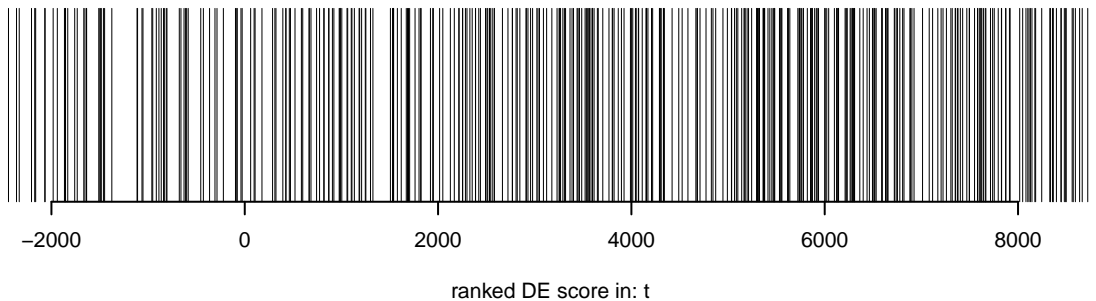
beeswarm plot



histogram

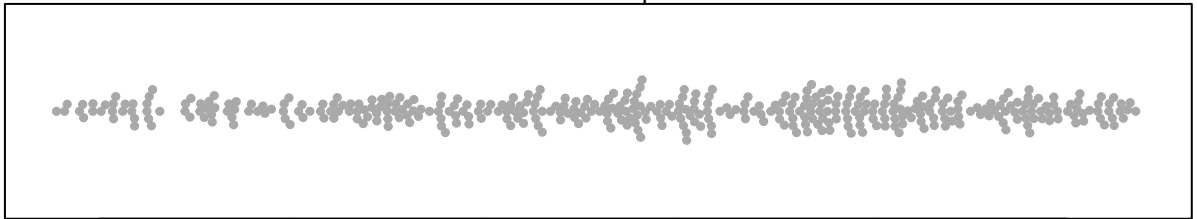


rugplot



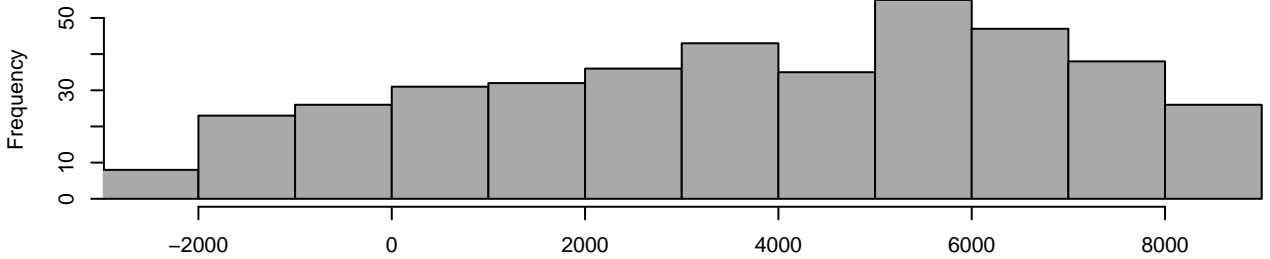
# Cellular responses to external stimuli

beeswarm plot



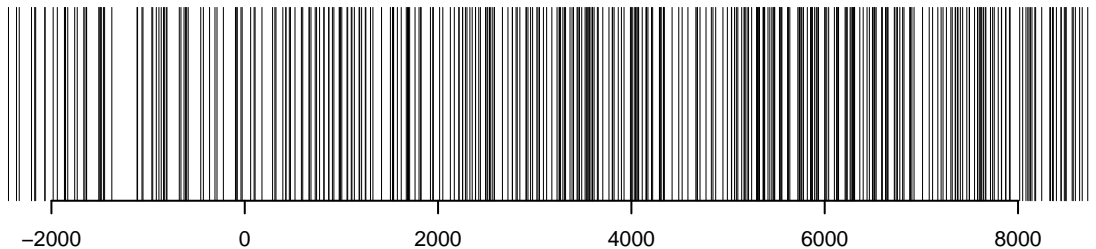
ranked DE score in: t

histogram



ranked DE score in: t

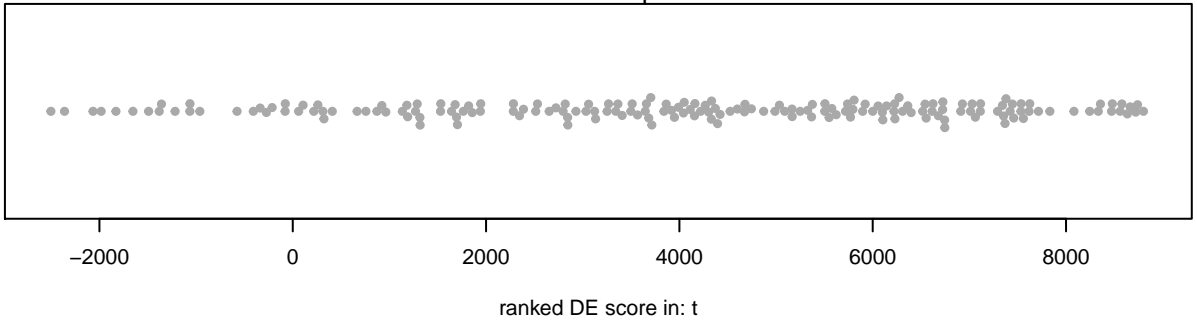
rugplot



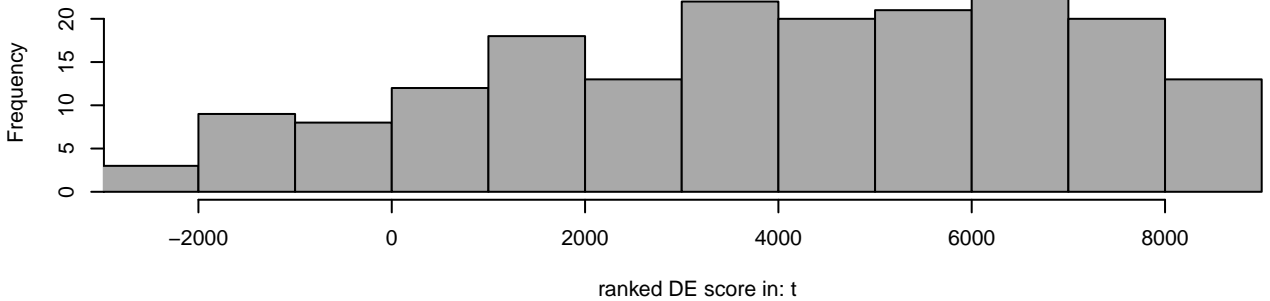
ranked DE score in: t

# PIP3 activates AKT signaling

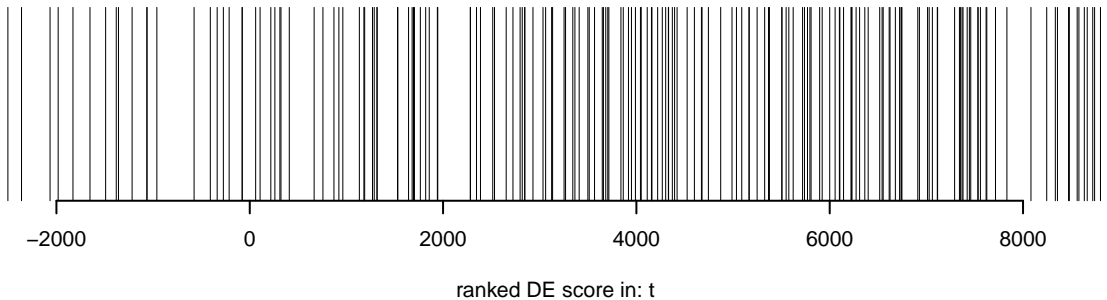
beeswarm plot



histogram

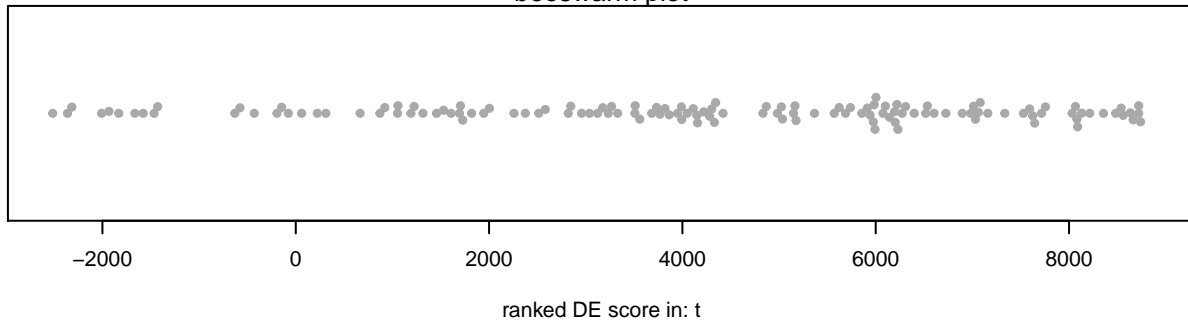


rugplot

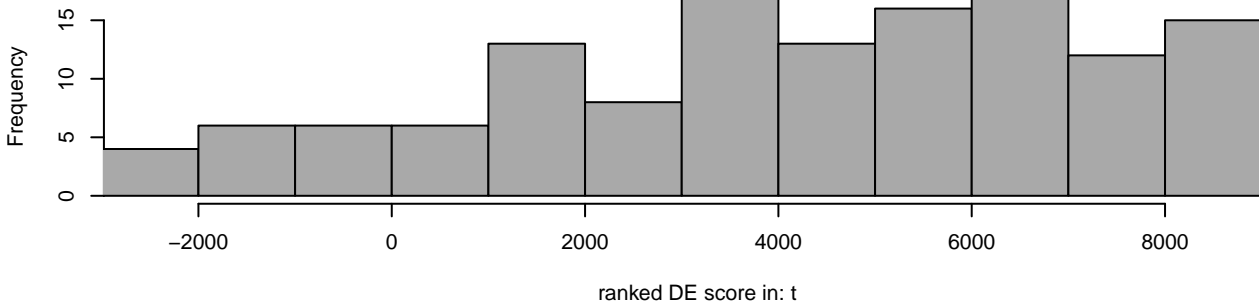


# Signaling by NOTCH

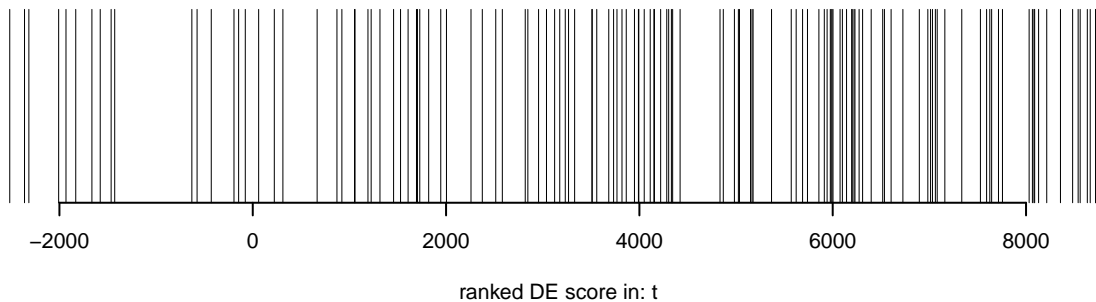
beeswarm plot



histogram



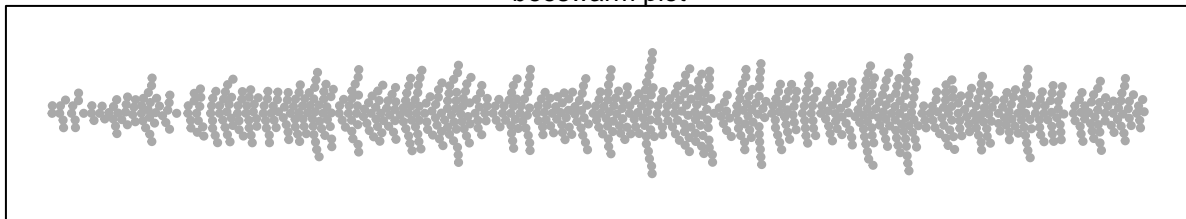
rugplot





# RNA Polymerase II Transcription

beeswarm plot



ranked DE score in: t

histogram

Frequency

60  
20  
0

-2000

0

2000

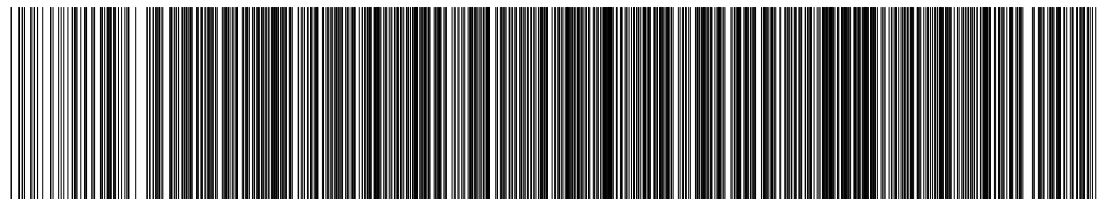
4000

6000

8000

ranked DE score in: t

rugplot



-2000

0

2000

4000

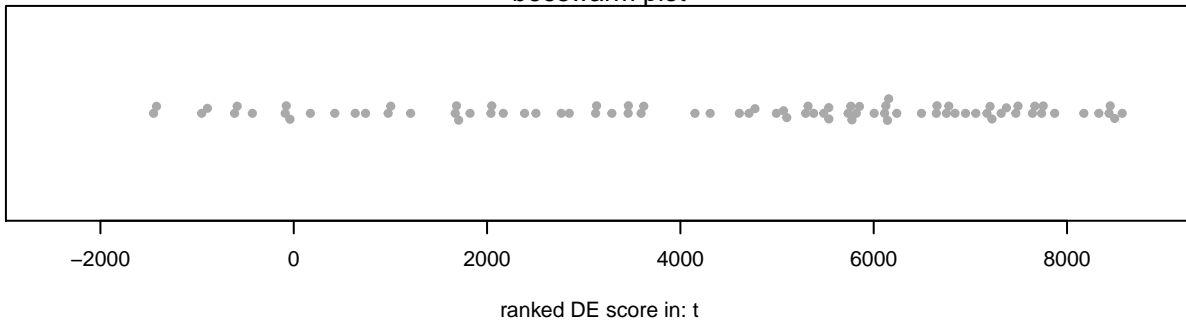
6000

8000

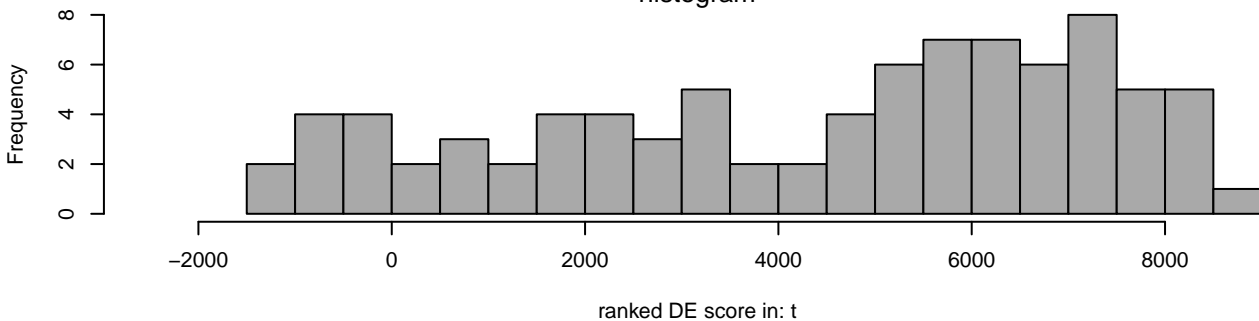
ranked DE score in: t

# Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)

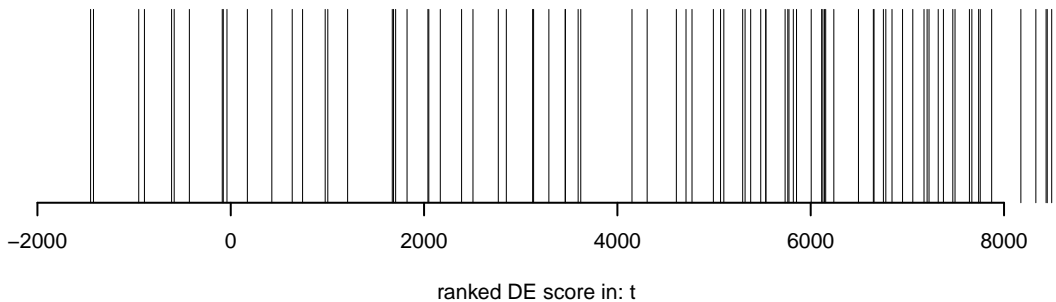
beeswarm plot



histogram

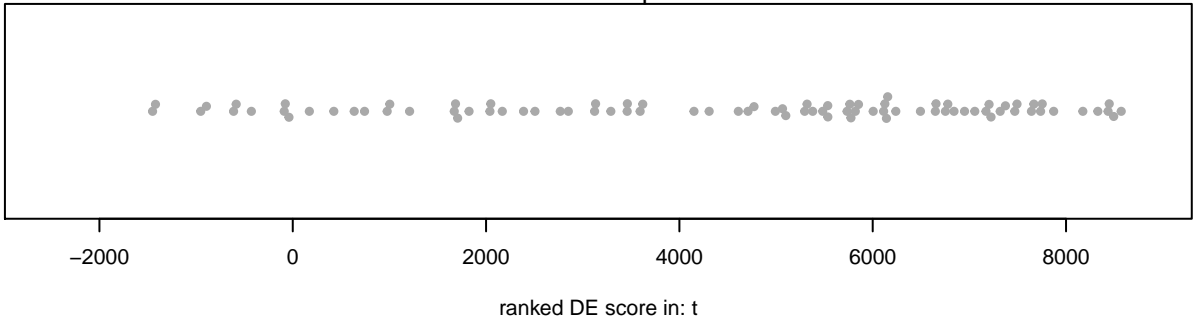


rugplot

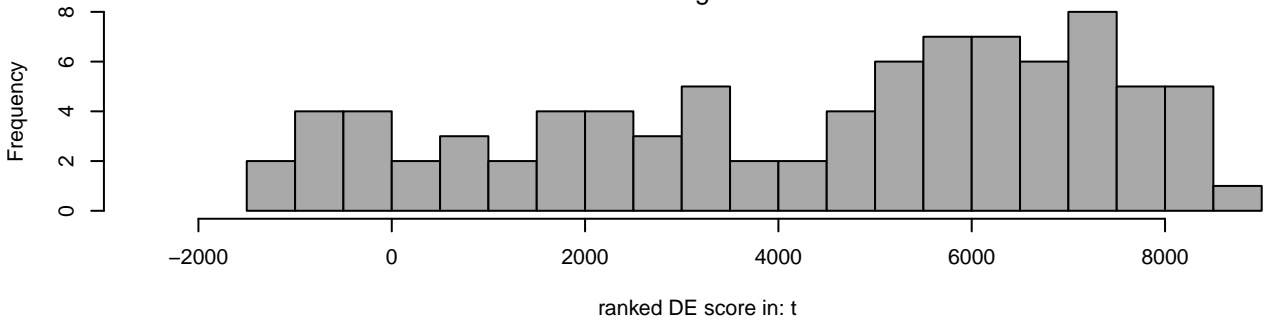


# Nonsense-Mediated Decay (NMD)

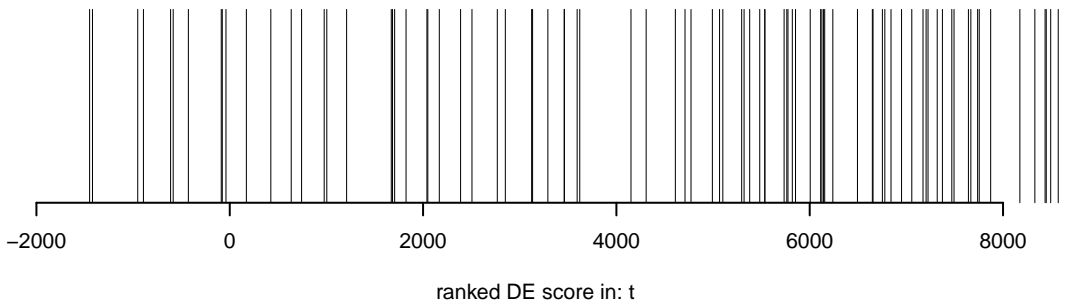
beeswarm plot



histogram

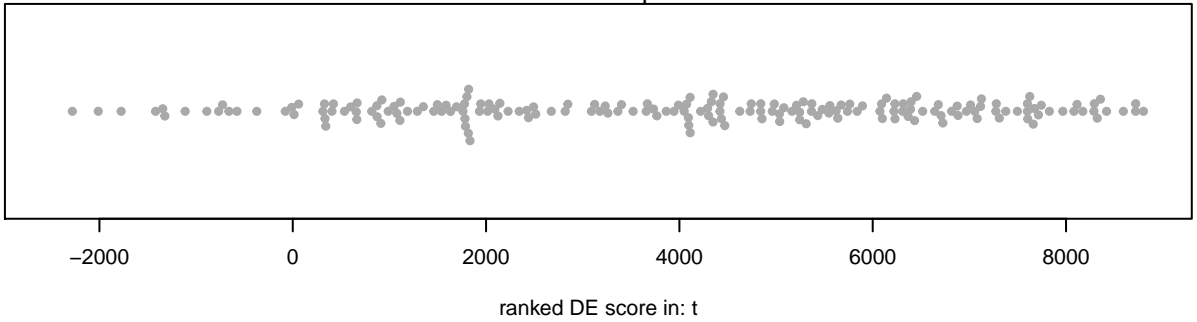


rugplot

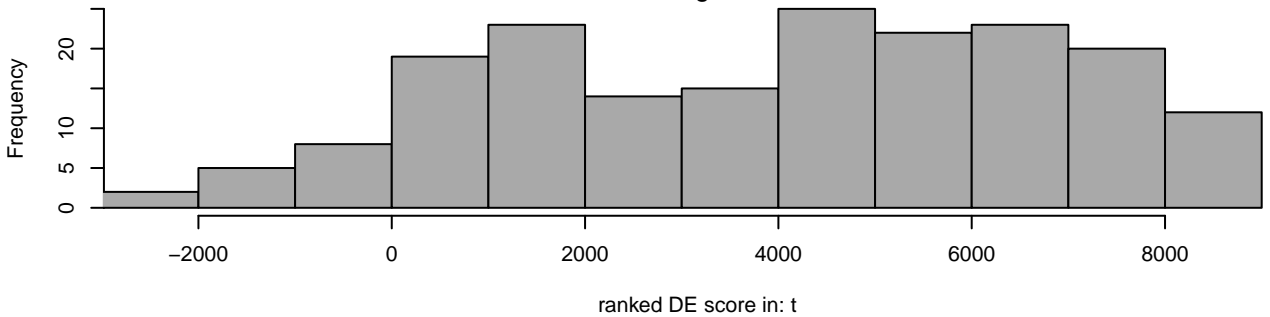


# HIV Infection

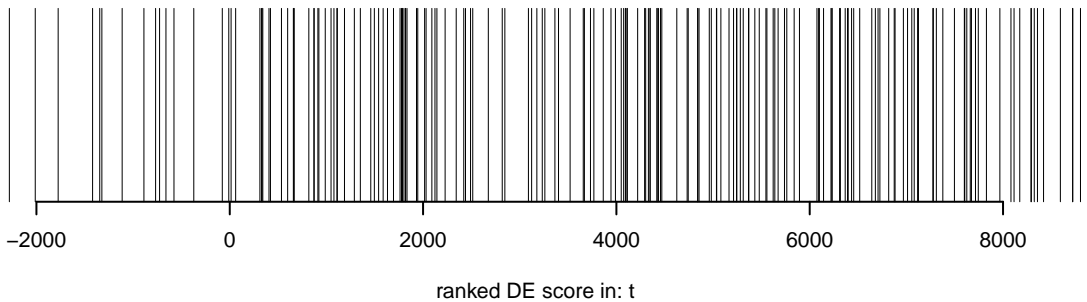
beeswarm plot



histogram

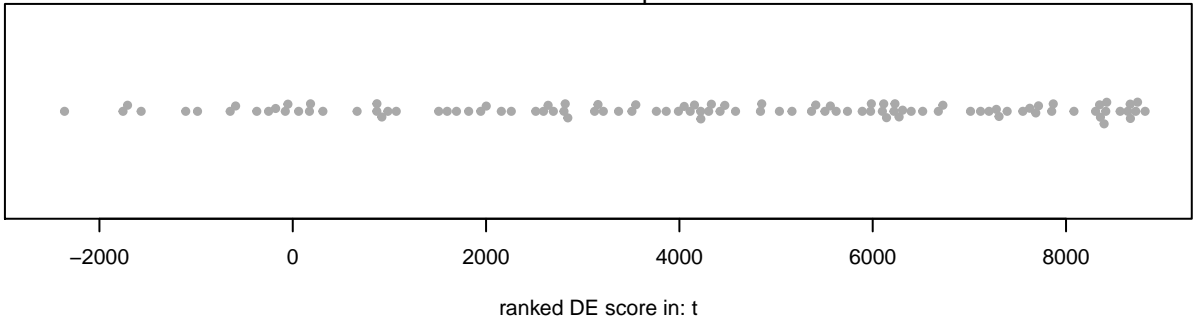


rugplot

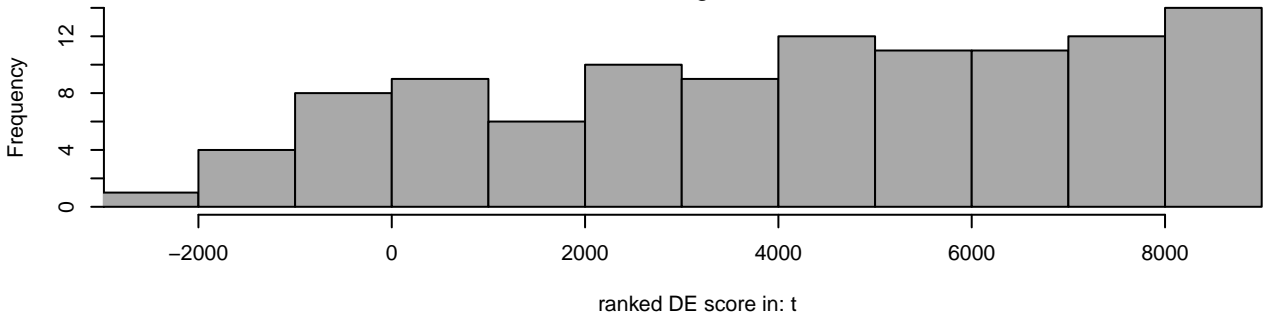


# Beta-catenin independent WNT signaling

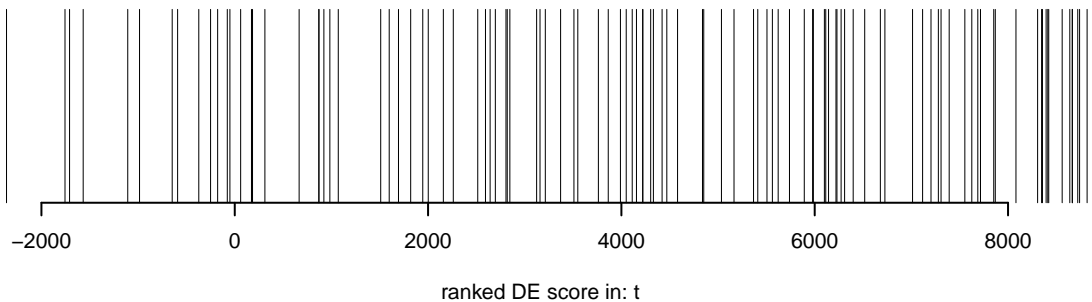
beeswarm plot



histogram

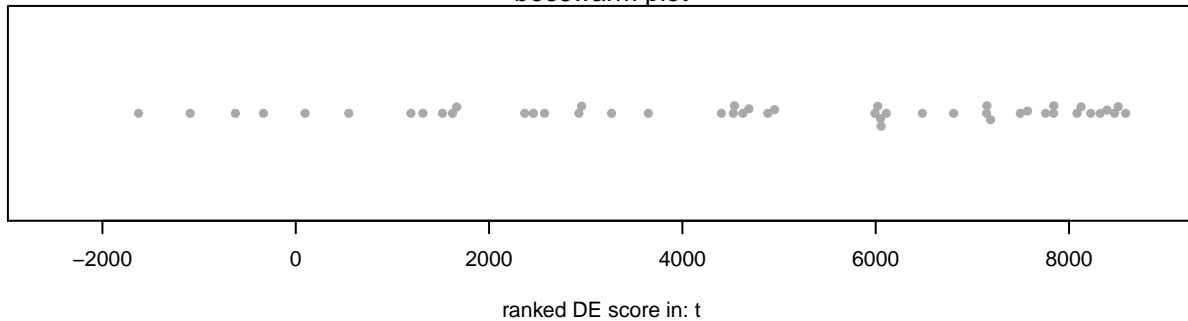


rugplot

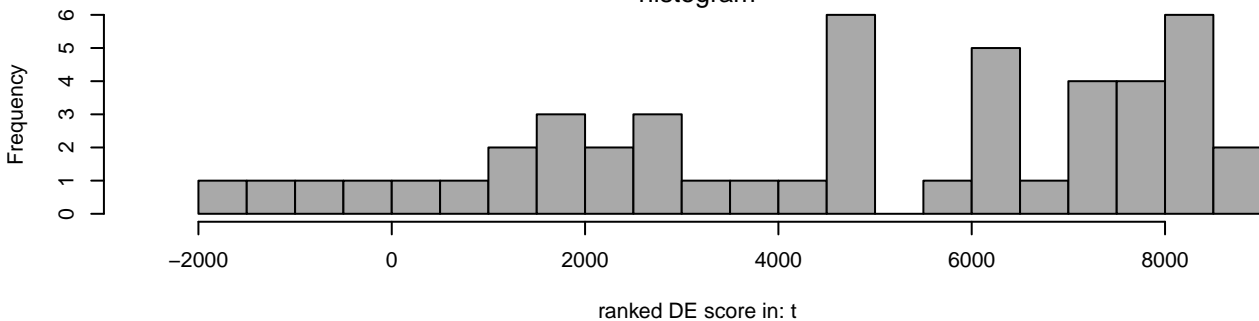


# Interleukin-4 and Interleukin-13 signaling

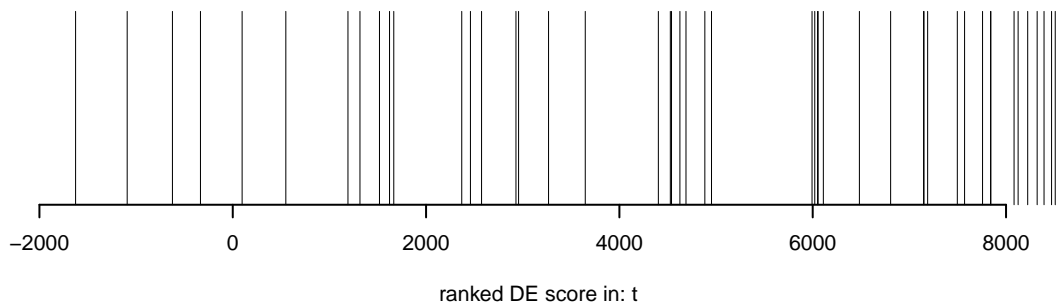
beeswarm plot



histogram

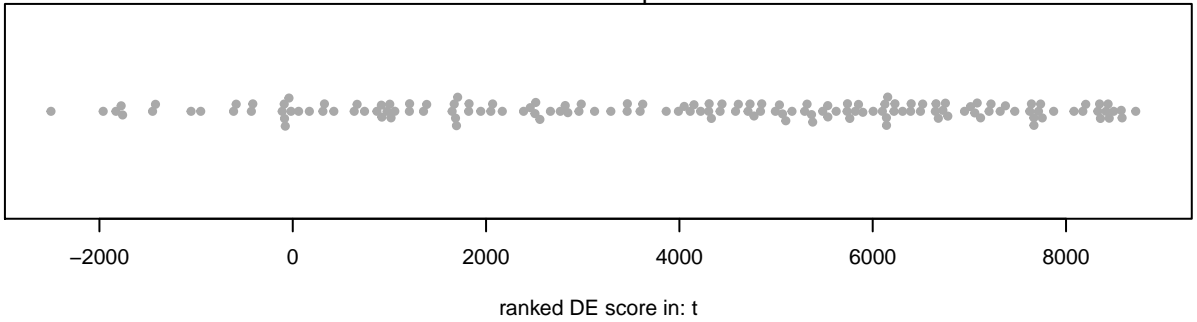


rugplot

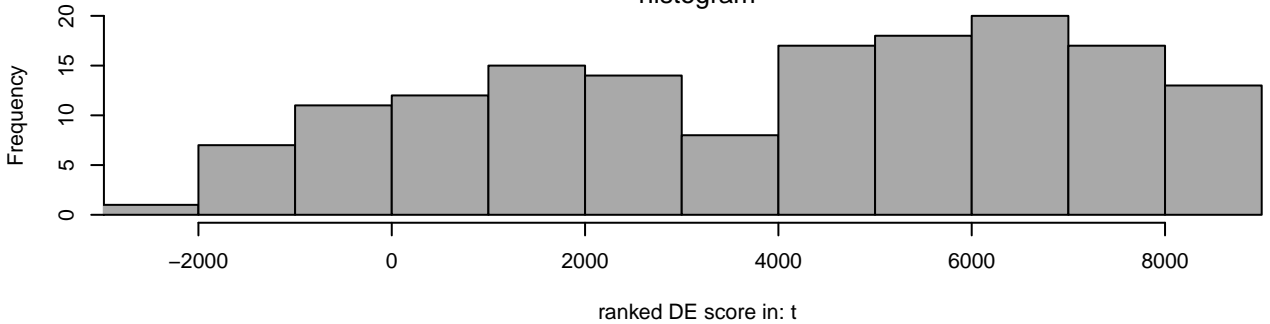


# Signaling by ROBO receptors

beeswarm plot



histogram



rugplot

