

# Breast invasive carcinoma (BRCA)

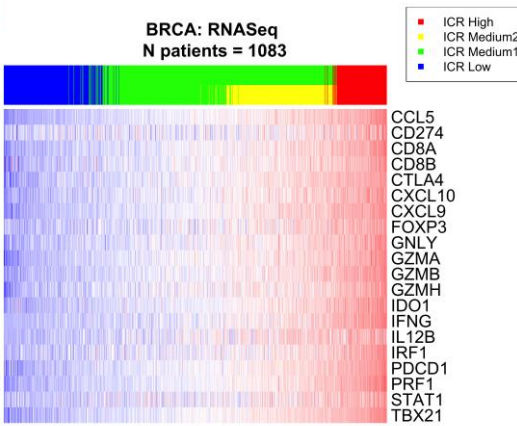
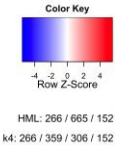
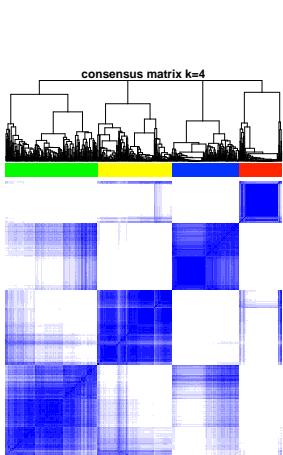
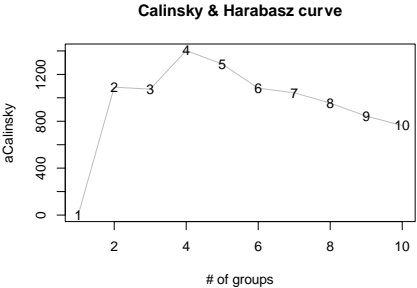
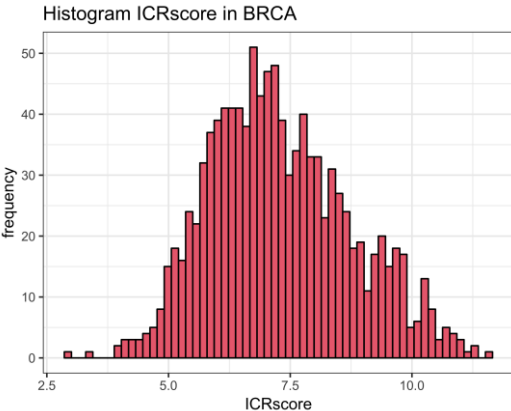


Figure: Gene expression data was obtained from TCGA, pancancer normalized (EDAseq) and log transformed. Samples are ordered by ICR score. Optimal k for clustering was 4. The combination action performed to reduce to 3 clusters is: Combine clusters ICR2 & ICR3. Resulting in mean ICR scores of 5.55 / 7.42 / 9.79 for Low / Medium / High resp.



## Deconvolution immune cell populations

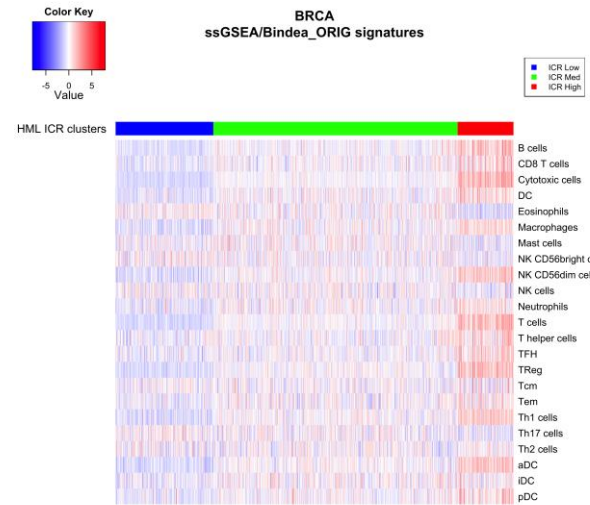
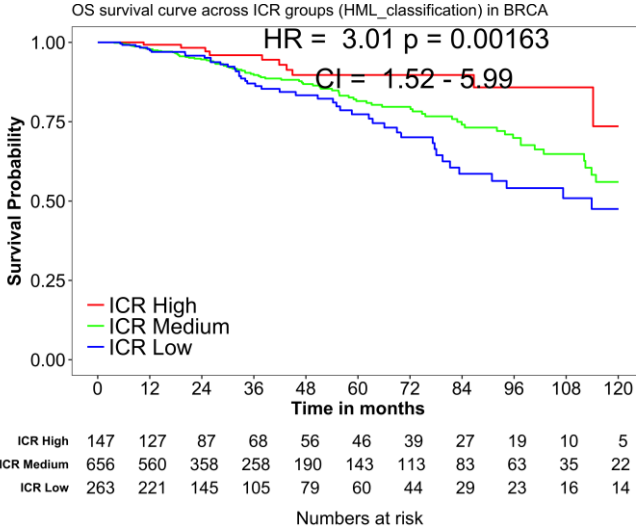


Figure: EDAseq normalized, log transformed gene expression data was obtained from TCGA, using Assembler\_Panca\_Normalized\_filtered. Bindea\_ORIG enrichment z-scores were used to generate this heatmap.

## Survival analysis



## ssGSEA oncogenic pathways

