

WGCNA Figures

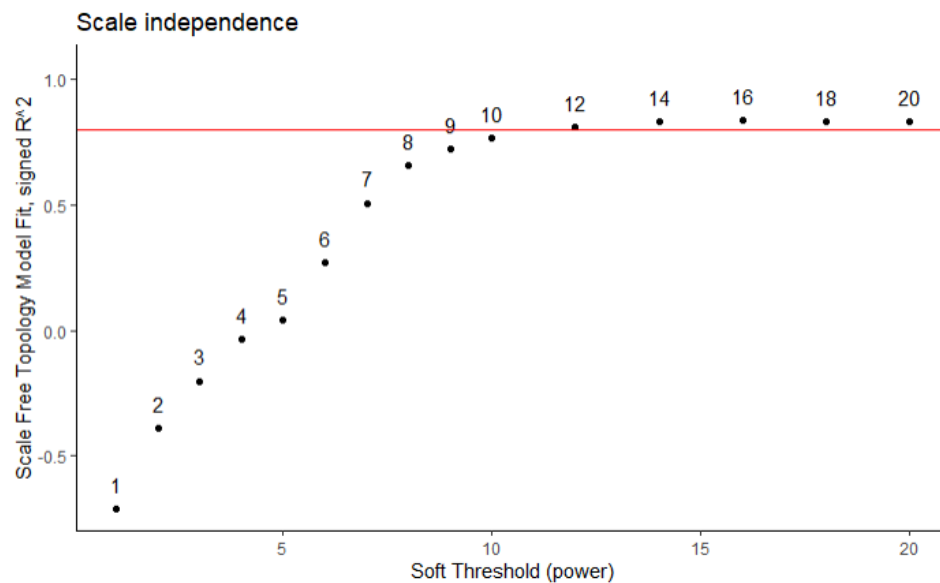


Figure 1

In this plot, we can decide on the value of a power parameter. Choose the lowest power value for which the fit index reaches a desired threshold (typically around 0.80). This threshold indicates a good approximation to a scale-free topology. The value of 16 is an appropriate choice in this figure.

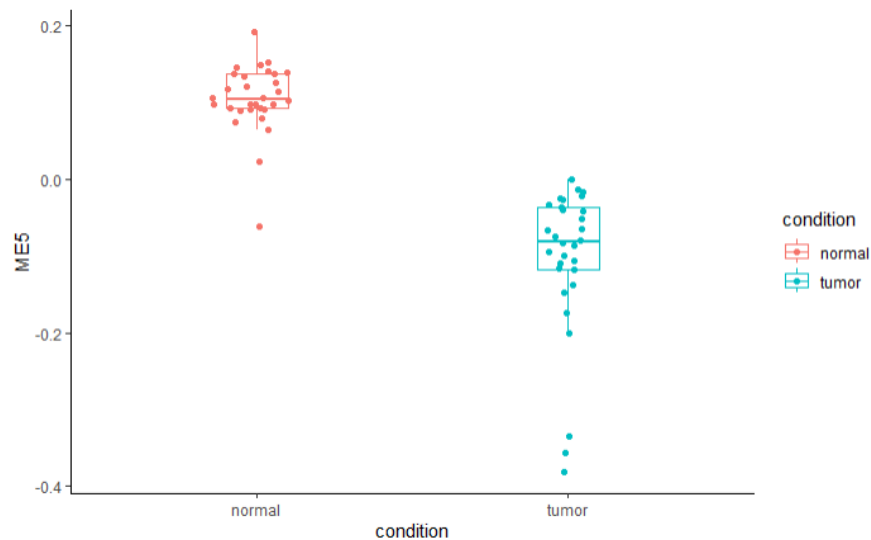


Figure 2

This boxplot indicates the distribution of gene expression levels within module 5 across different conditions. Module 5 has elevated expression during the normal but not in the tumor.

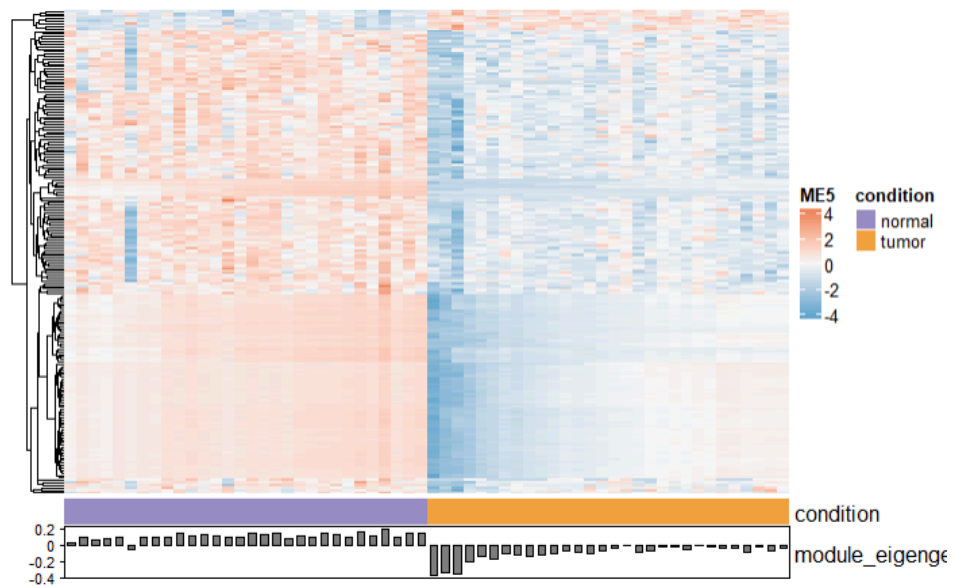


Figure 3

This heatmap indicates expression levels of genes within module 5 across different samples. From the barplot portion of this plot, we can see normal samples tend to have higher expression values for the module 5 eigengene. In the heatmap portion, we can see how the individual genes that make up module 5 are overall higher than in the tumor samples.