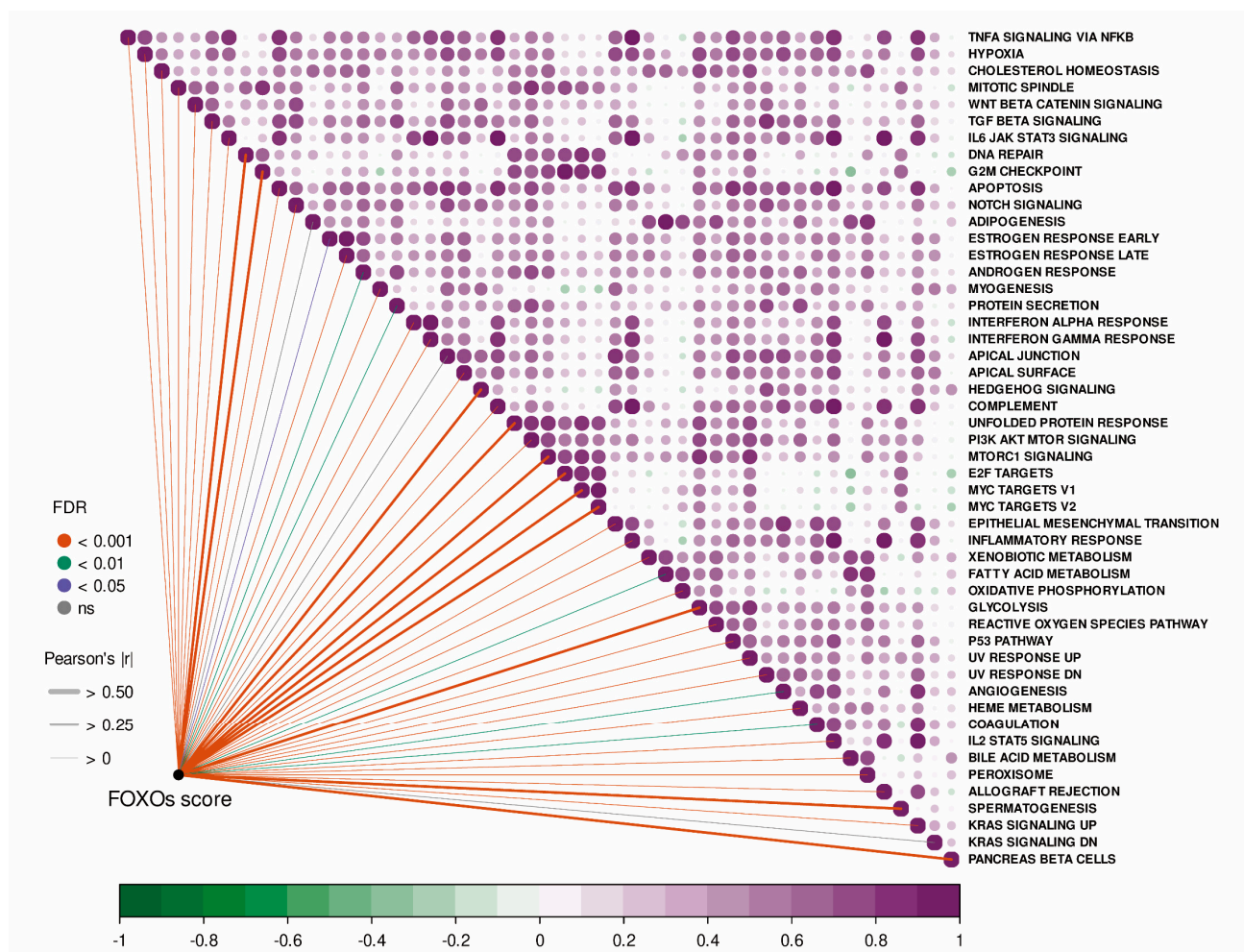
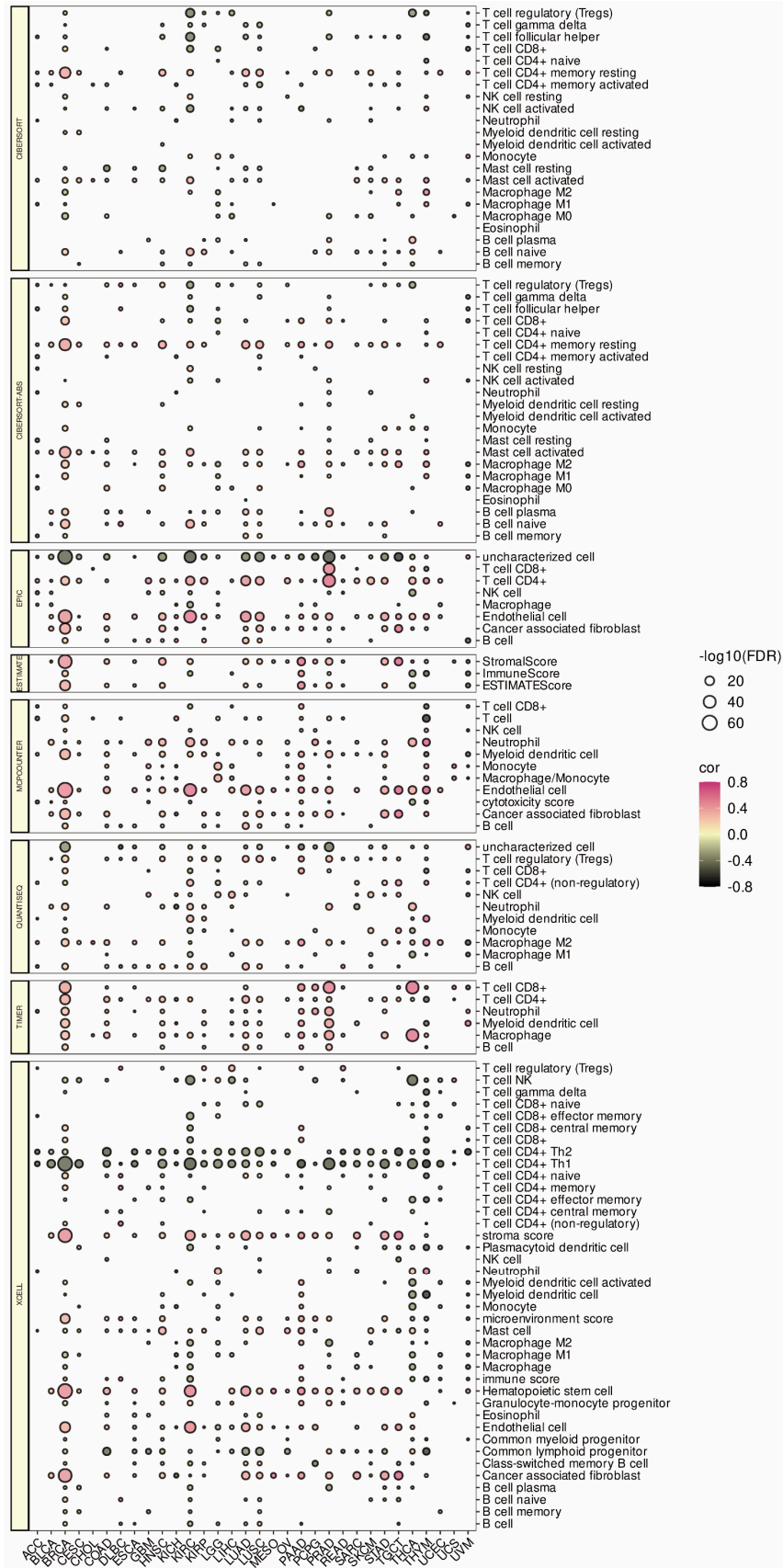


## Supplementary Materials:



**Supplementary Figure S1.** The general correlations between FOXOs score and hallmark pathways in the TCGA pan-cancer cohort (FDR, false discovery rate).



**Supplementary Figure S2.** Bubble plot of the correlations between FOXOs score and tumor microenvironment scores calculated by different algorithms in each tumor type (FDR, false discovery rate).