IRF1 SCEPTRE vs Seurat With Score QC

2023-04-04

Introduction

In this writeup I will change the method of QC for the CHIP-seq data to be such that peaks are only called if they are in the top α percentile of peaks with respect to the score reported. I will return the odds ratios that SCEPTRE and Seurat give with respect to the post-QC chipseq data. For more information such as the number of discoveries, see "IRF1-analysis-score-QC-individual".

```
## \begin{table}[!htbp]
## \caption{Enrichment odds ratios, comparing to ChIP-seq target assignments with changing pvalue quanti
## \begin{center}
## \begin{tabular}{lrrrr}
## \toprule
## \multicolumn{1}{l}{\diagbox{Ground truth}{Method}}&\multicolumn{1}{c}{SCEPTRE}&\multicolumn{1}{c}{Seu
## \midrule
## 0.1&$2.089$&$2.186$&$0$&$0$\tabularnewline
## 0.25&$2.341$&$2.411$&$0$&$0$\tabularnewline
## 0.5&$2.986$&$2.957$&$0$&$0$\tabularnewline
## 0.75&$3.743$&$3.692$&$0$&$0$\tabularnewline
## \bottomrule
## \end{tabular}\end{center}
## \end{table}
```