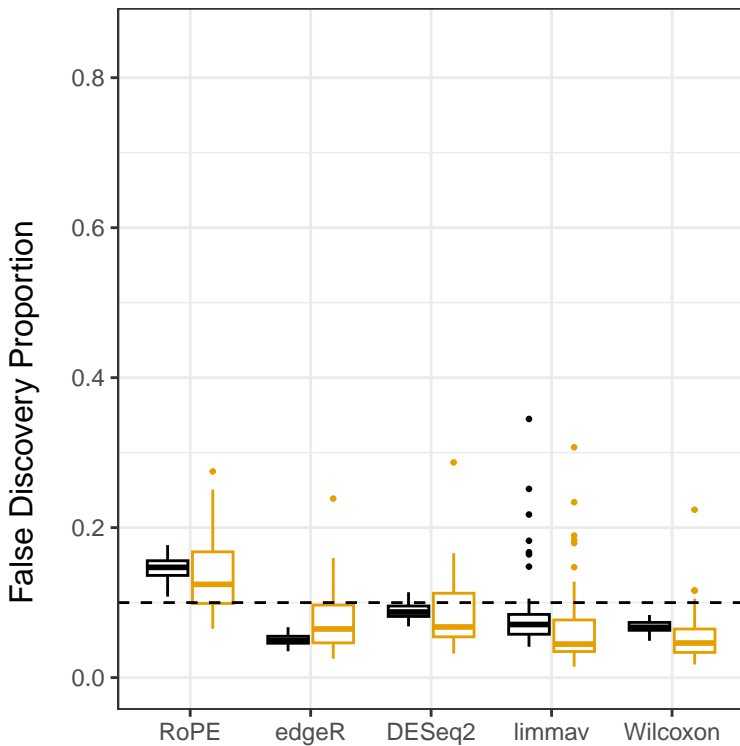
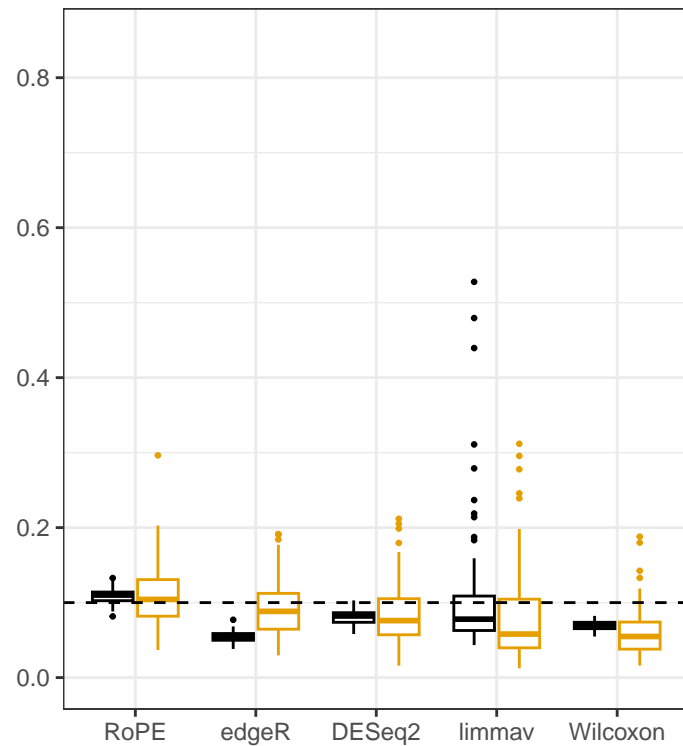


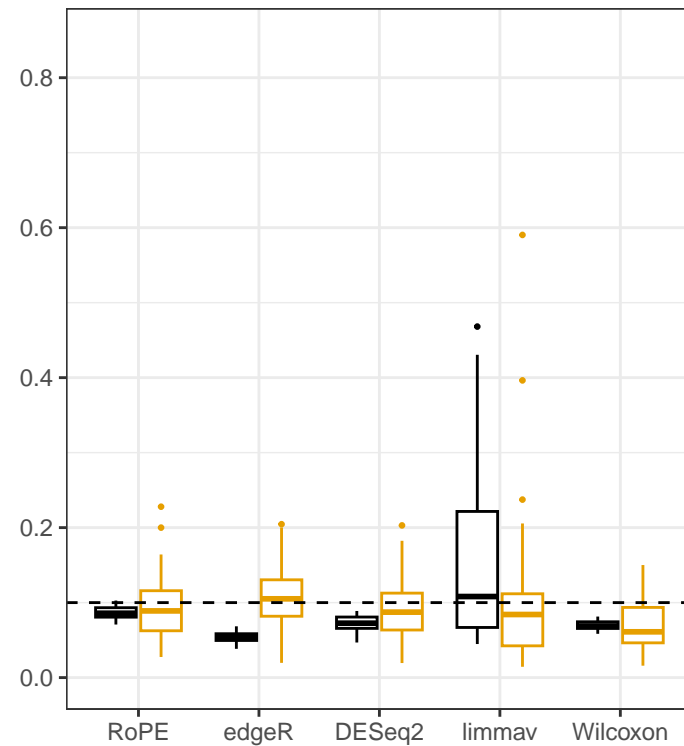
$n/2=25, q=0.1$



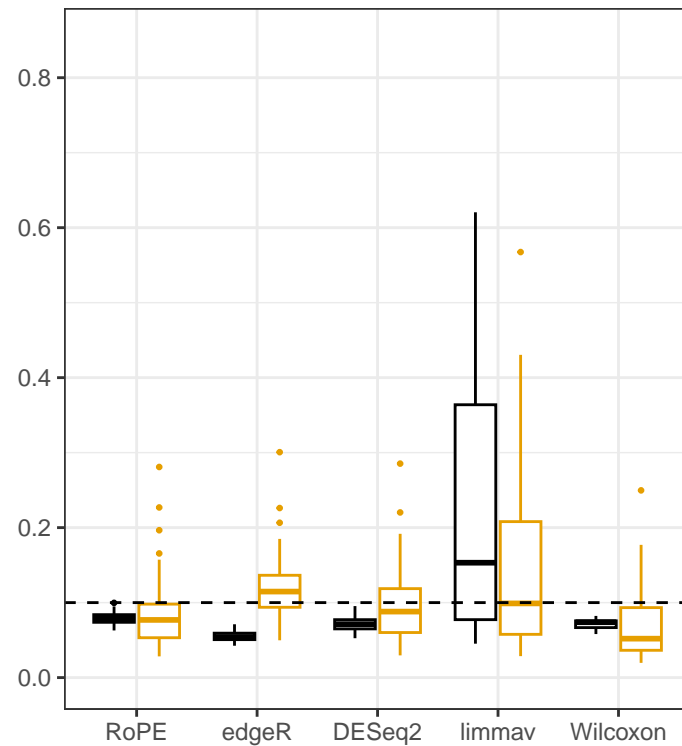
$n/2=50, q=0.1$



$n/2=100, q=0.1$



$n/2=200, q=0.1$



Simulation Method

Simulation Method	NB-parametric	Non-parametric
RoPE	Black box plot	Orange box plot
edgeR	Black box plot	Orange box plot
DESeq2	Black box plot	Orange box plot
limma	Black box plot	Orange box plot
Wilcoxon	Black box plot	Orange box plot