



Supplementary Fig. 1. A) False discovery control for two models and Poisson test, only show the part with $FDR \leq 0.1$. X-axis, estimated false discovery rate (FDR) from the model, y-axis, real false discovery rate in simulation. B) Local false discovery control for two models. X-axis, posterior probability attribute (PPA) from the two model, y-axis, real false discovery rate in simulation. Each dot represents a gene set with 100 genes with close PPA.