

**Supplementary Figure:** Results shown are for a two group simulation with n=3 samples per group where one sample was simulated to be more variable that the others.

Top row: Average number of genes with false discovery rate (FDR)<0.05 for each method versus sample variability for different true positive FCs (2-fold in panel A, 4-fold in panel B).

Bottom row: Averaged empirical FDR at a FDR cut-off of 0.05 for each method versus sample variability of the 6th sample for different true positive FCs (2-fold in panel C, 4-fold in panel D).