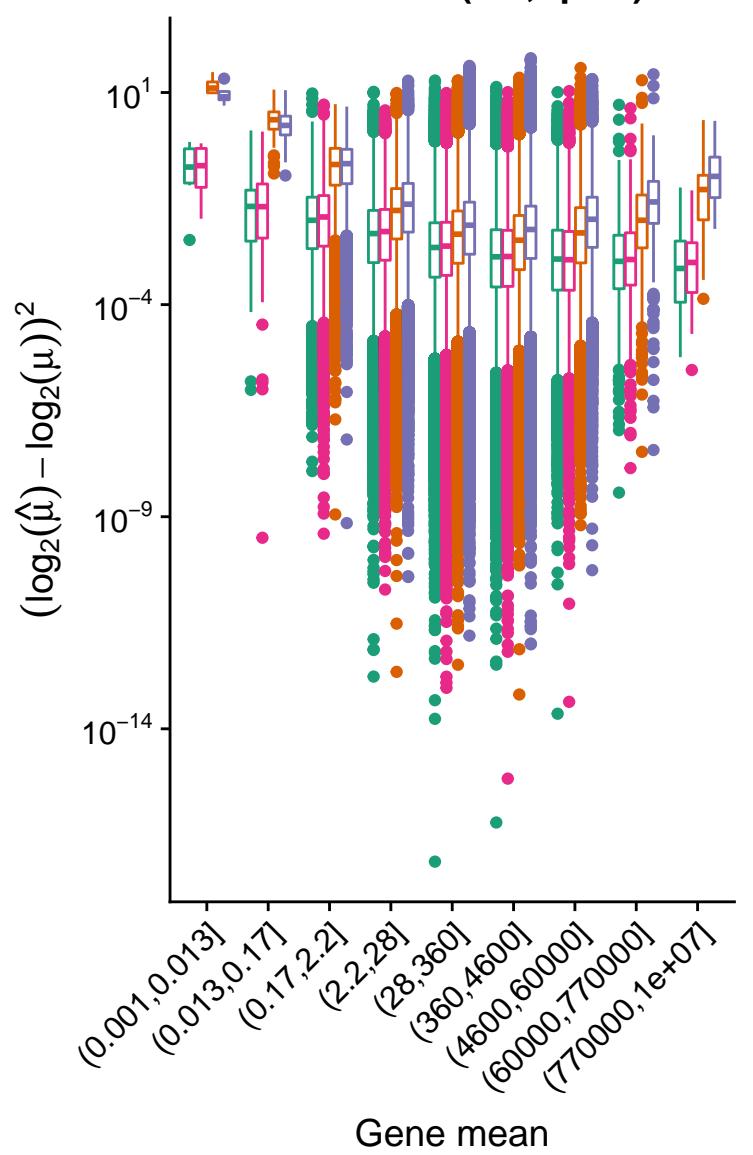


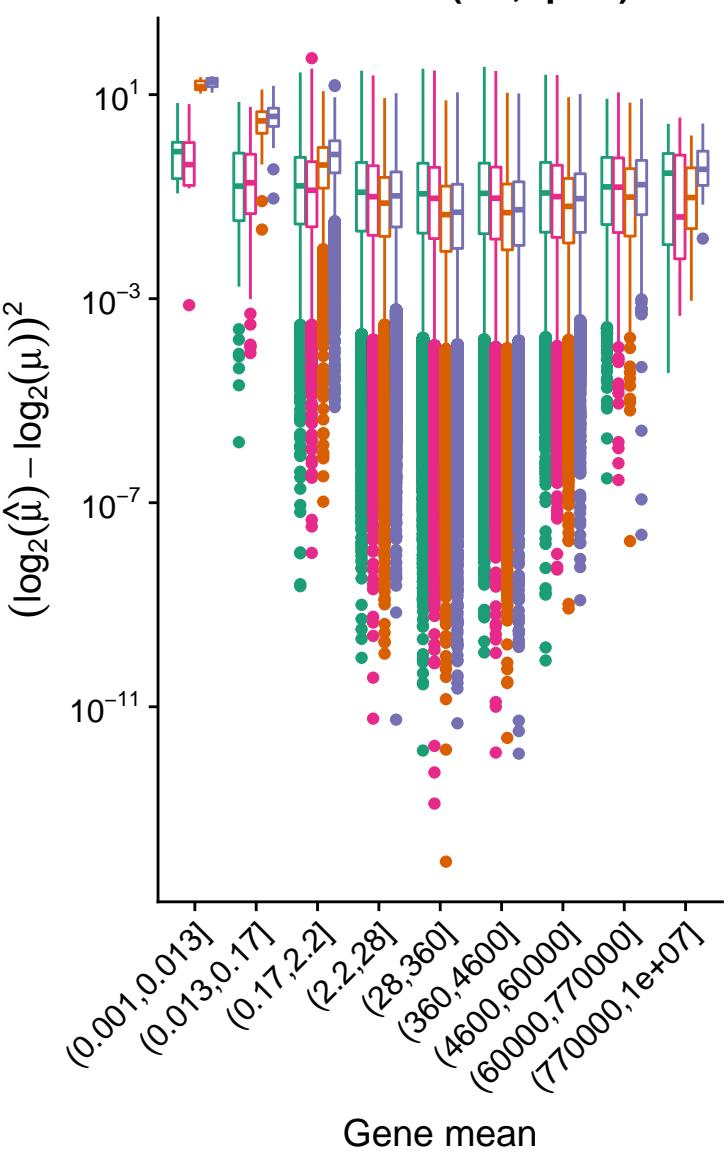
A

Simulation (NB, q=10)



B

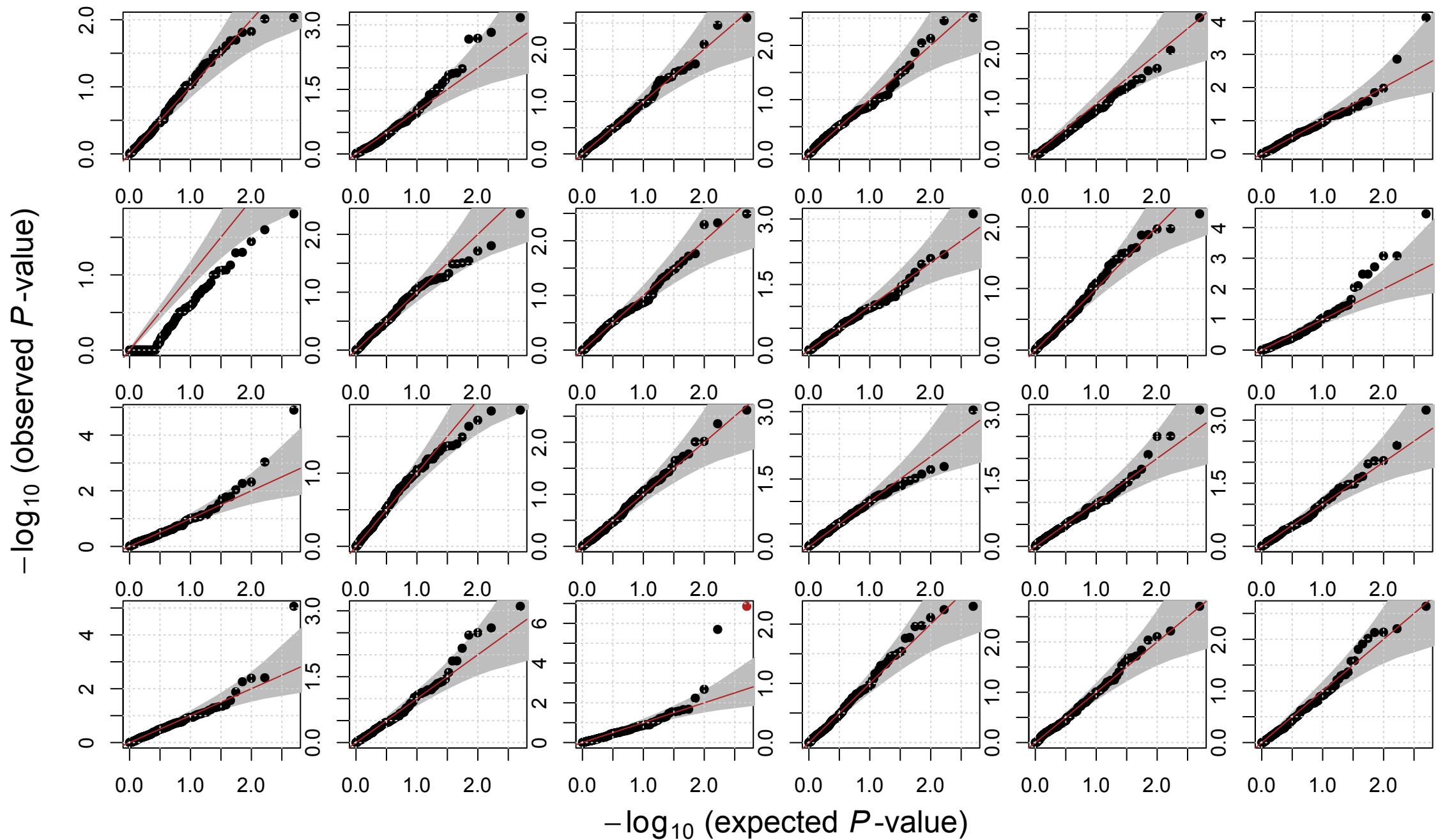
Simulation (LN, q=10)



Method OUTRIDER_{fitted} OUTRIDER_{simulated} PCA PEER

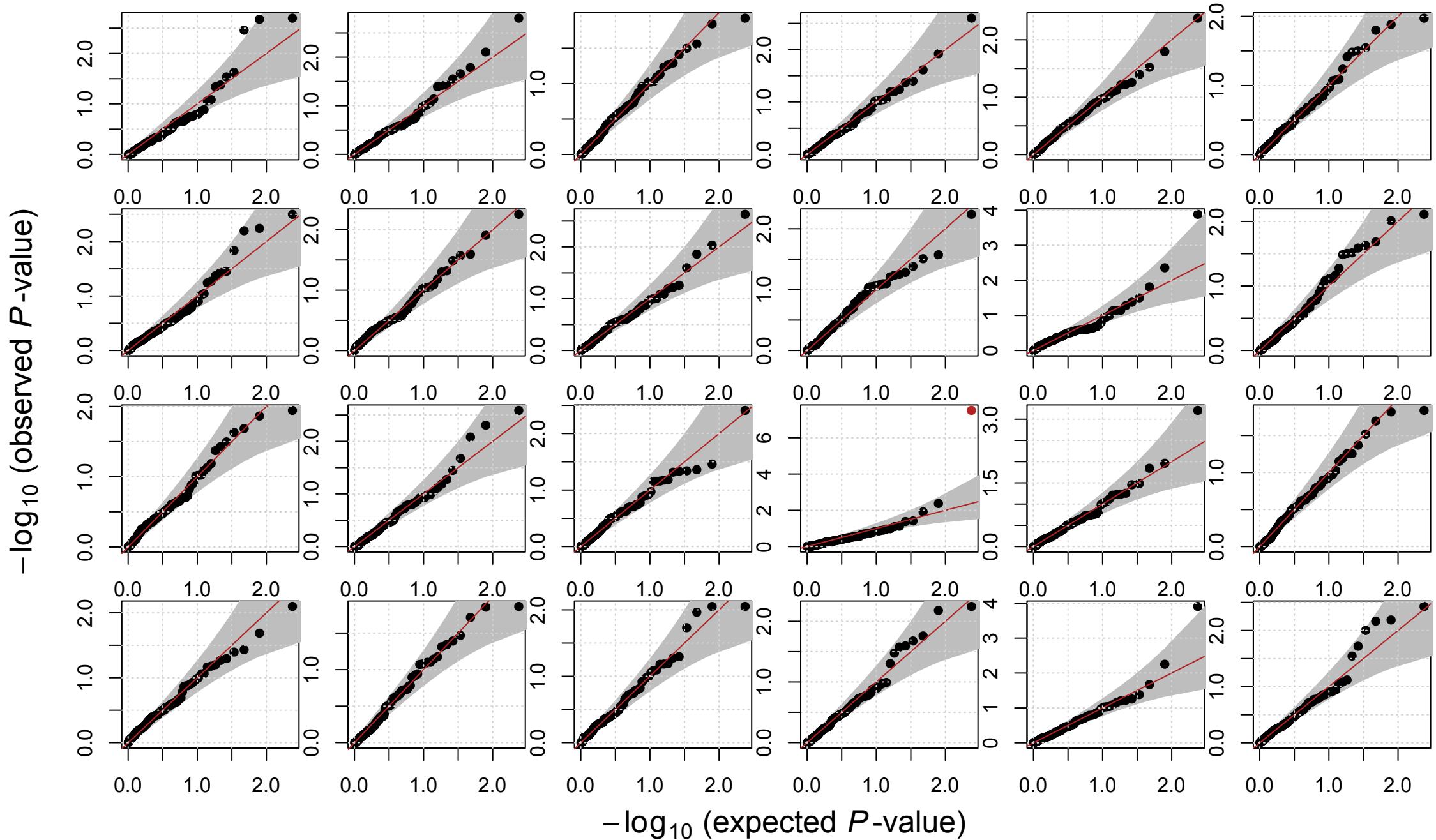
A

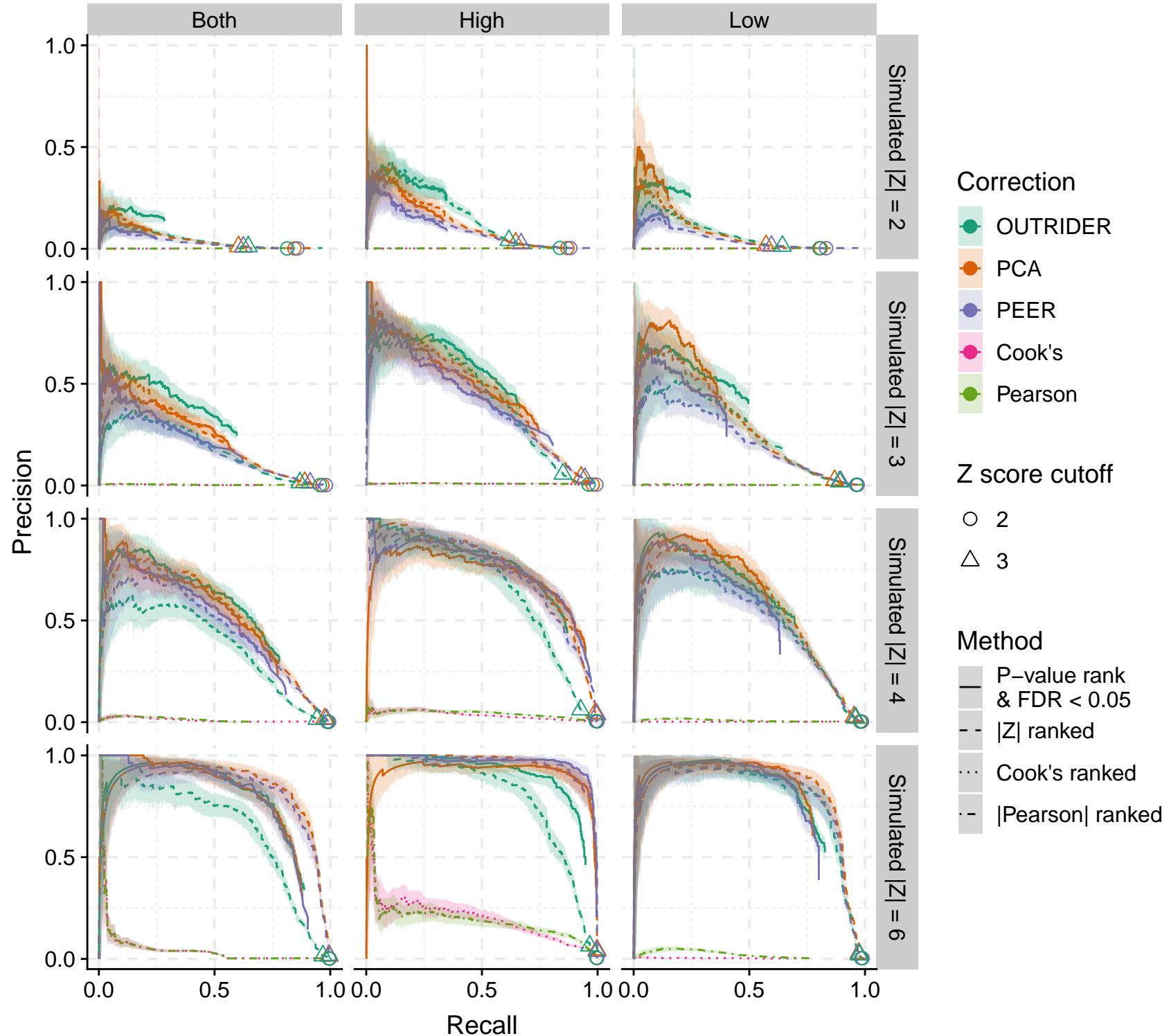
24 random Q-Q plots for GTEx

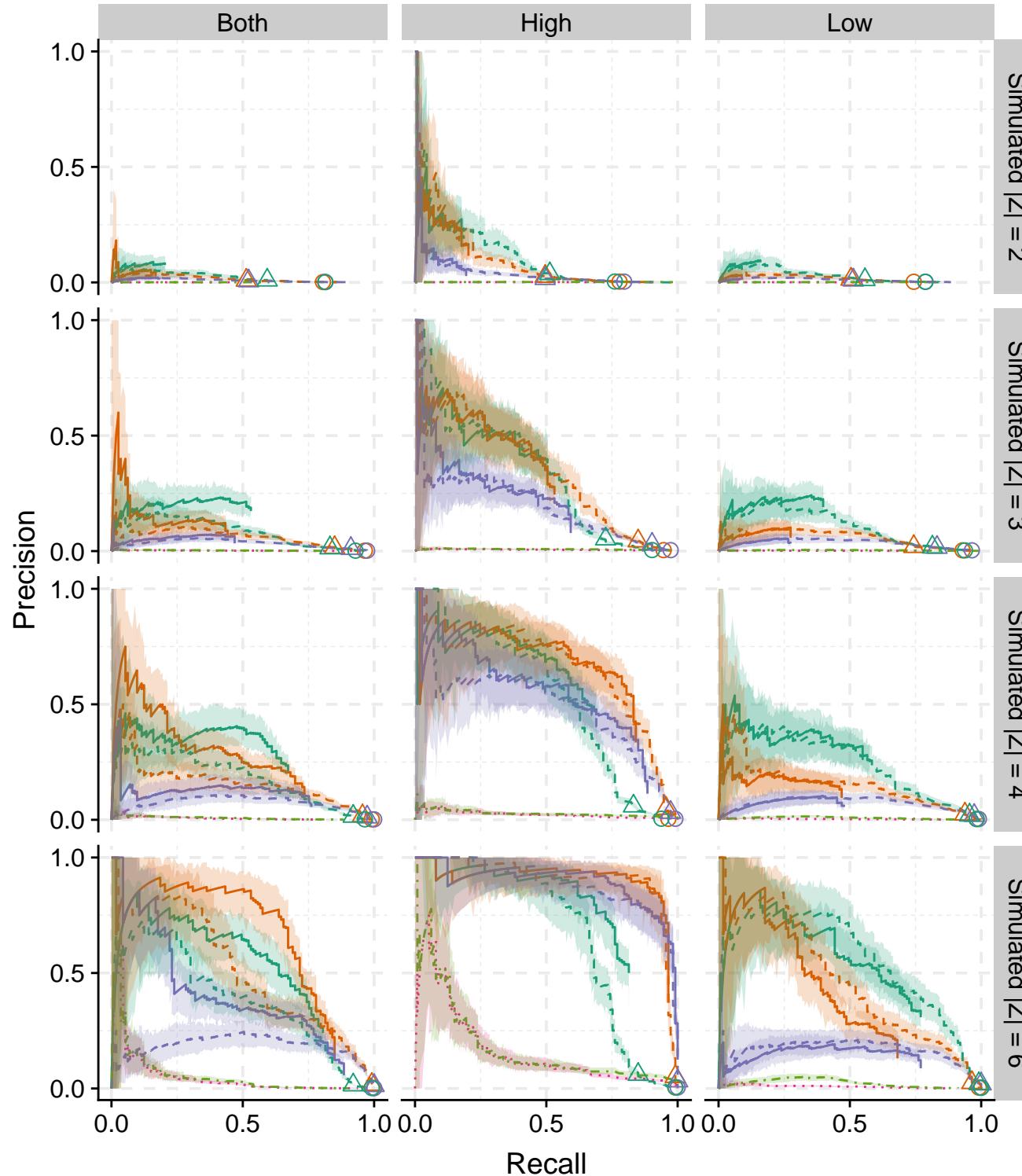


B

24 random Q-Q plots for Kremer







Correction

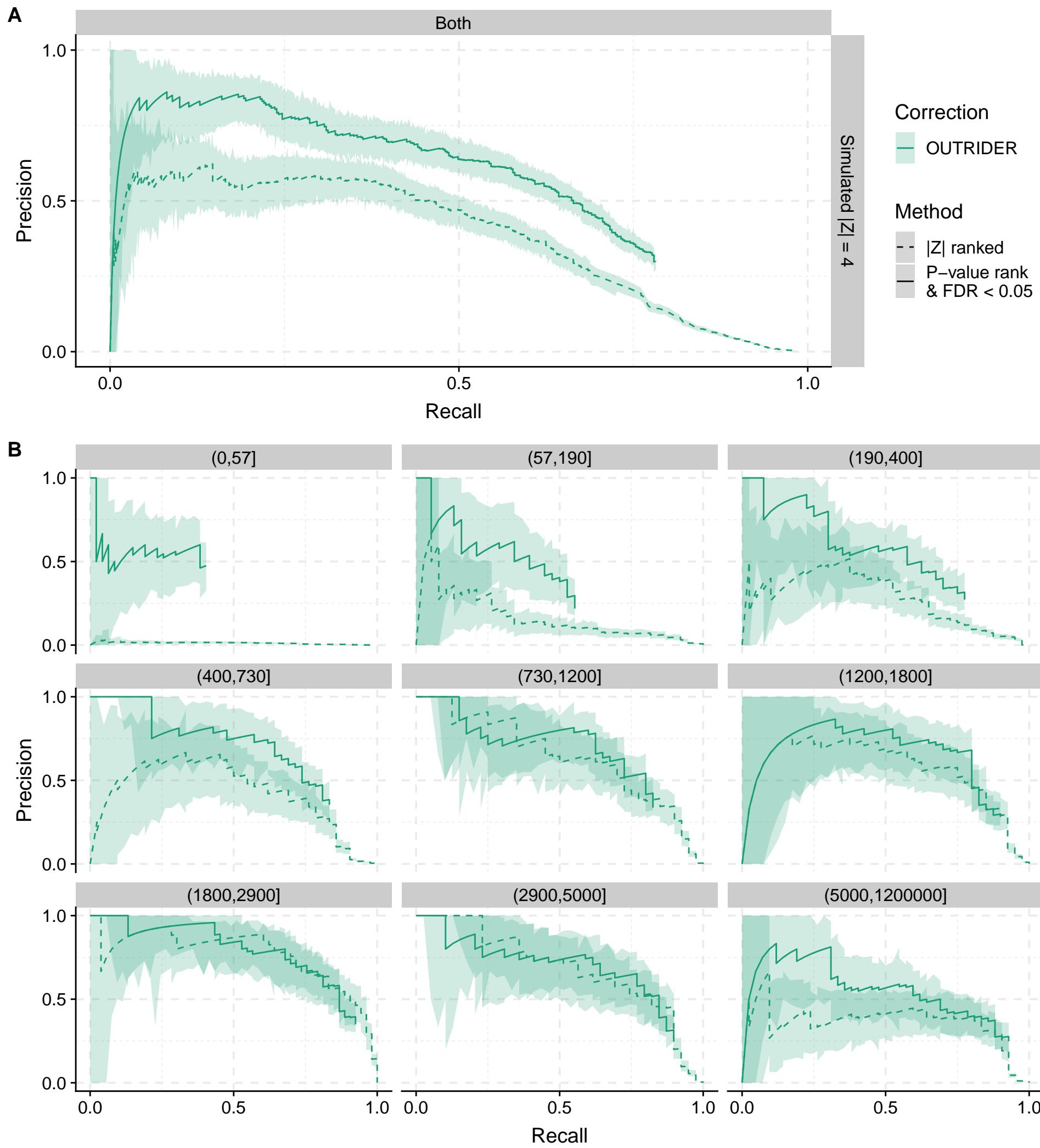
- OUTRIDER
- PCA
- PEER
- Cook's
- Pearson

Z score cutoff

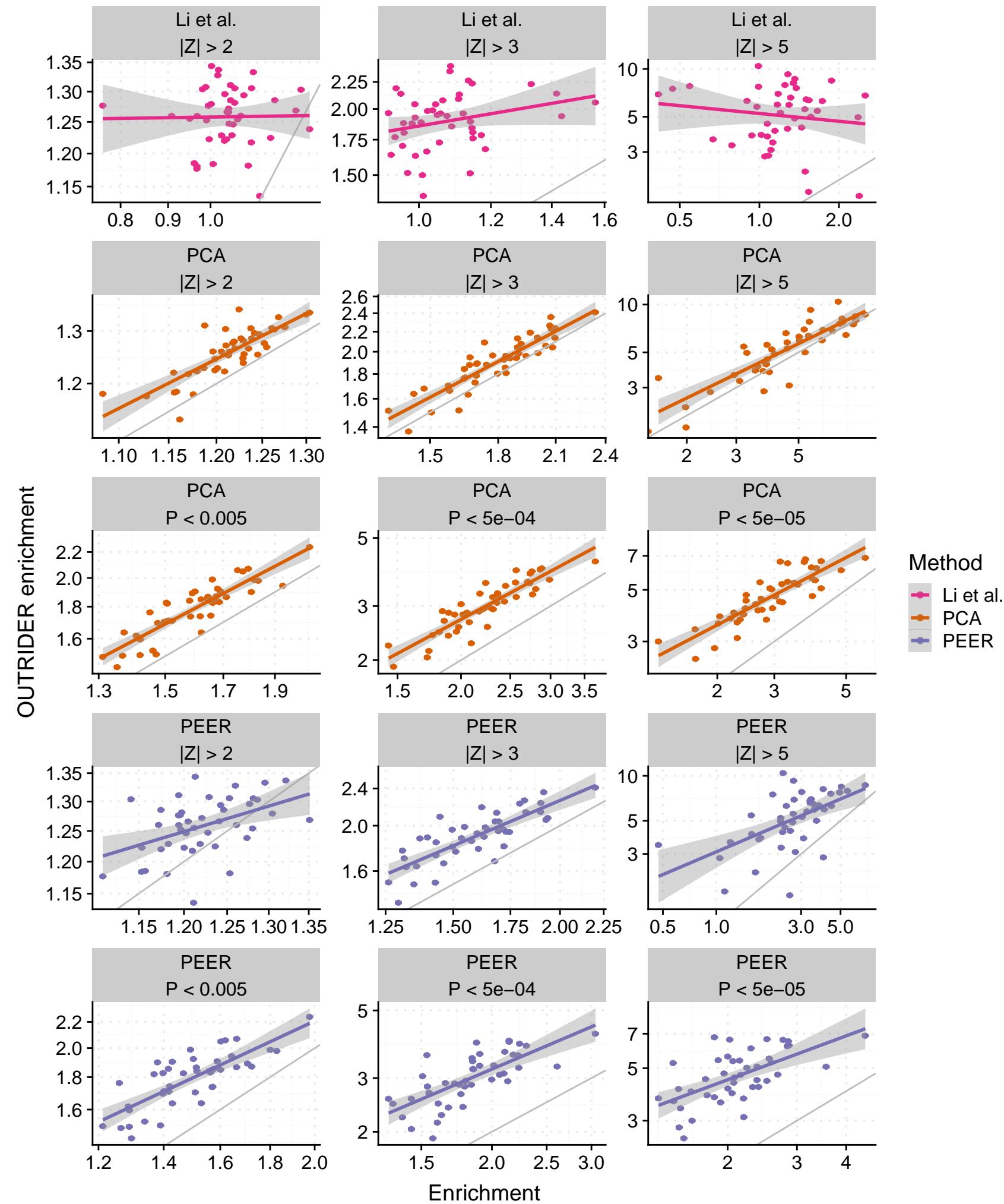
- 2
- △ 3

Method

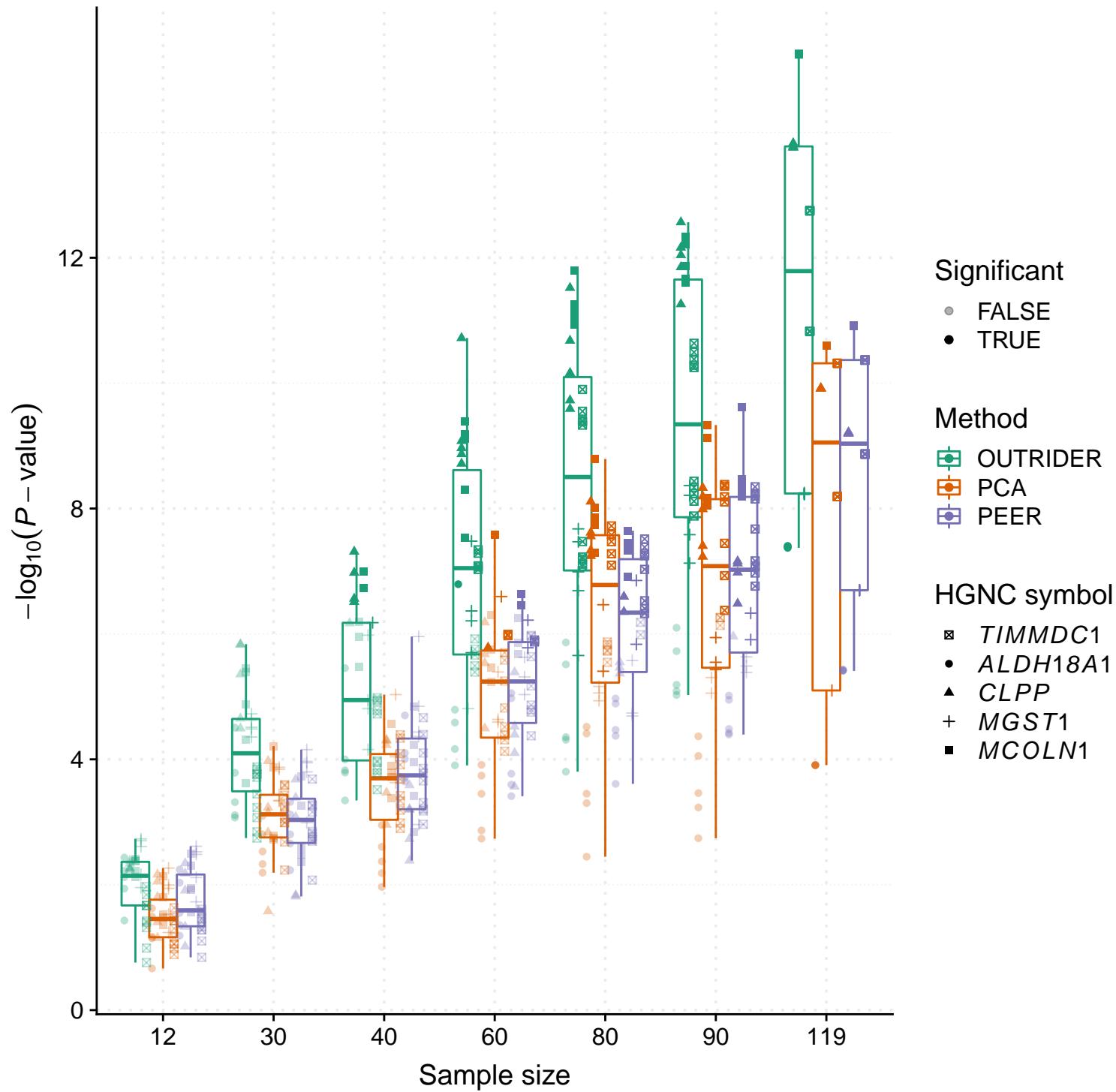
- P-value rank & FDR < 0.05
- - $|Z|$ ranked
- ... Cook's ranked
- · - $|\text{Pearson}|$ ranked

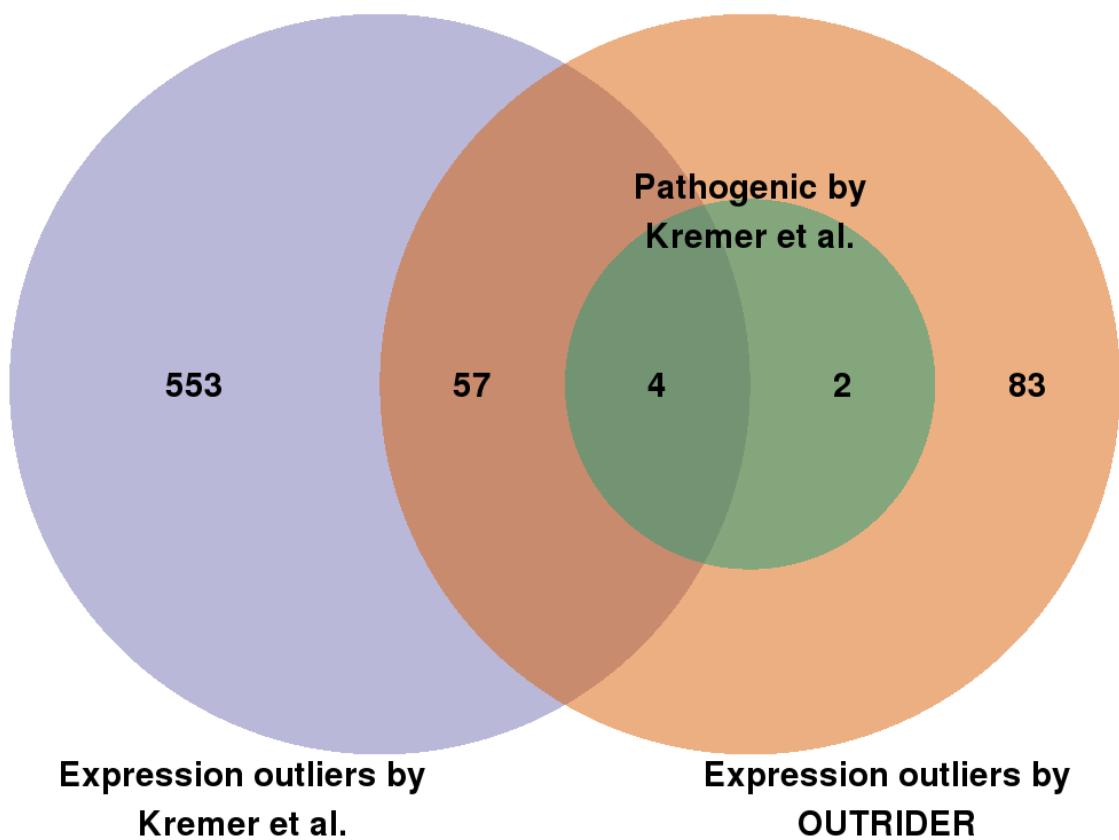


SNP enrichment in GTEx



Sample size analysis (Kremer)



A**Filtered Kremer data set****Overlap between Kremer and OUTRIDER****B****Filtered Kremer data set****Overlap between PCA, PEER and OUTRIDER**

OUTRIDER

Pathogenic by
Kremer et al.

PCA

PEER

