QTLs per gene = 2pleiotropy = 0.15pleiotropy = 0.2 pleiotropy = 0pleiotropy = 0.05pleiotropy = 0.10.3 causal mediators 0.2 -0.1 causal mediators 0.2 -→ zqtl twas 0.1 ---- egger 0.3 causal mediators 0.2 -0.1

< 50%)

Mis-classification Power (FDR

Mediation PVE