## QTLs per gene = 3pleiotropy = 0.15pleiotropy = 0.2 pleiotropy = 0pleiotropy = 0.05pleiotropy = 0.10.20 causal mediators 0.15 0.10 0.05 causal mediators 0.15 <del>-</del> zqtl 0.10 twas - egger 0.05 N 0.20 causal mediators 0.15 0.10 0.05 0.05 0.00

Mis-classification AUPRC

Mediation PVE