QTLs per gene = 1 pleiotropy = 0pleiotropy = 0.05pleiotropy = 0.1pleiotropy = 0.15pleiotropy = 0.2causal mediators 0.75 0.50 0.25 0.00 0.8 causal mediators 0.6 **AUPRC** → zqtl 0.4 twas → egger 0.2 0.0 causal mediators 0.6 0.4 0.2 0.0

Mediation PVE