## QTLs per gene = 3pleiotropy = 0pleiotropy = 0.05pleiotropy = 0.1pleiotropy = 0.15pleiotropy = 0.2causal mediators 0.75 0.50 0.25 0.00 causal mediators 0.8 **AUPRC** 0.6 → zqtl 0.4 -- twas → egger 0.2 0.0 causal mediators 0.6 0.4 0.2 0.0

Mediation PVE