

Two sample MR report

cardiac troponin I against Dilated cardiomyopathy

Date: 12 June, 2025

Results from two sample MR:

method	nsnp	b	se	pval
MR Egger	12	-0.3185133	1.0909551	0.7762857
Weighted median	12	0.2683151	0.4042009	0.5068080
Inverse variance weighted	12	0.0393516	0.3731977	0.9160233
Simple mode	12	-0.3761087	0.7190654	0.6113117
Weighted mode	12	0.6316134	0.6184776	0.3290765

Heterogeneity tests

method	Q	Q_df	Q_pval
MR Egger	19.97039	10	0.0295340
Inverse variance weighted	20.21658	11	0.0424574

Test for directional horizontal pleiotropy

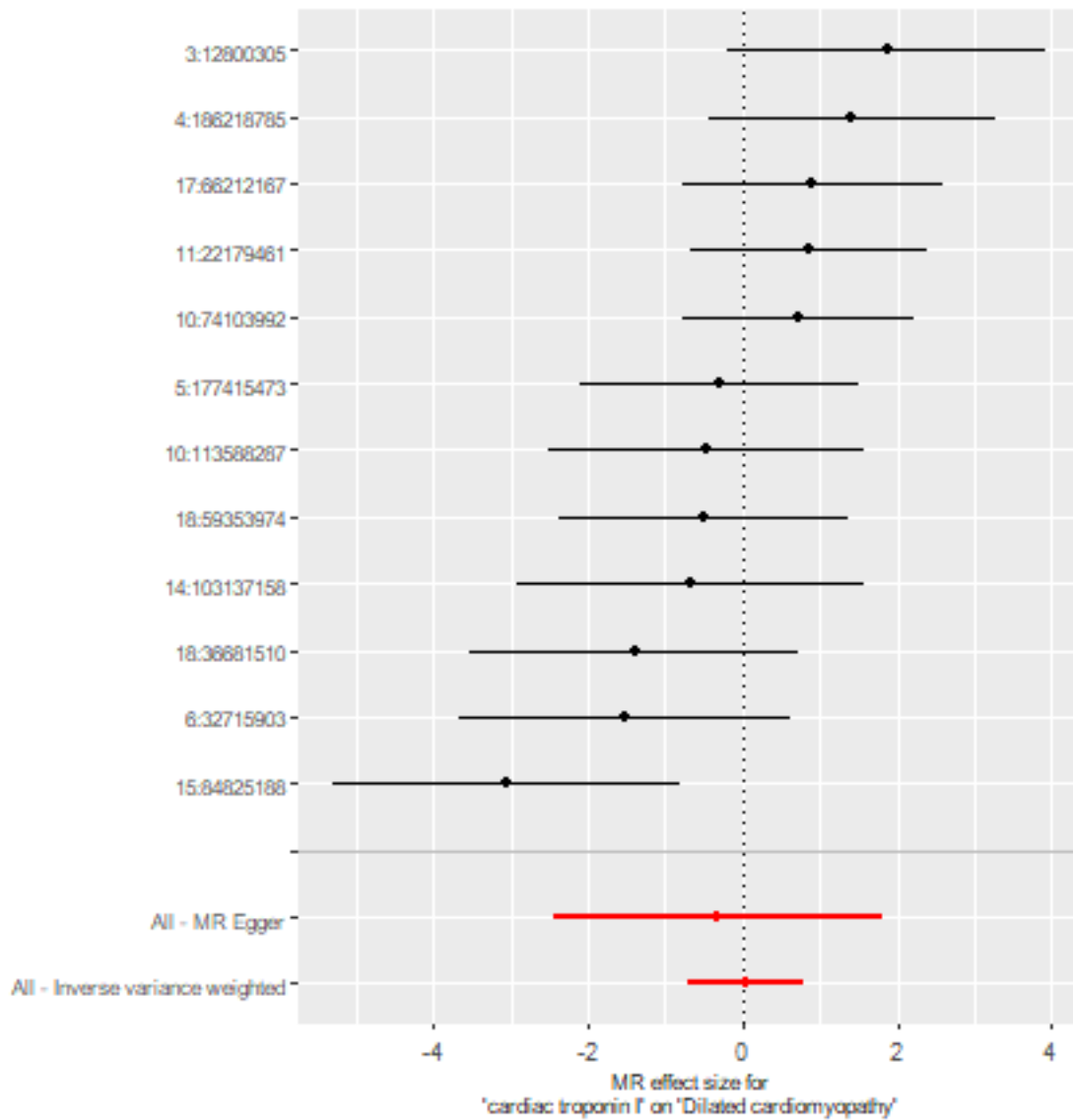
egger_intercept	se	pval
0.0198361	0.0564954	0.7327902

Test that the exposure is upstream of the outcome

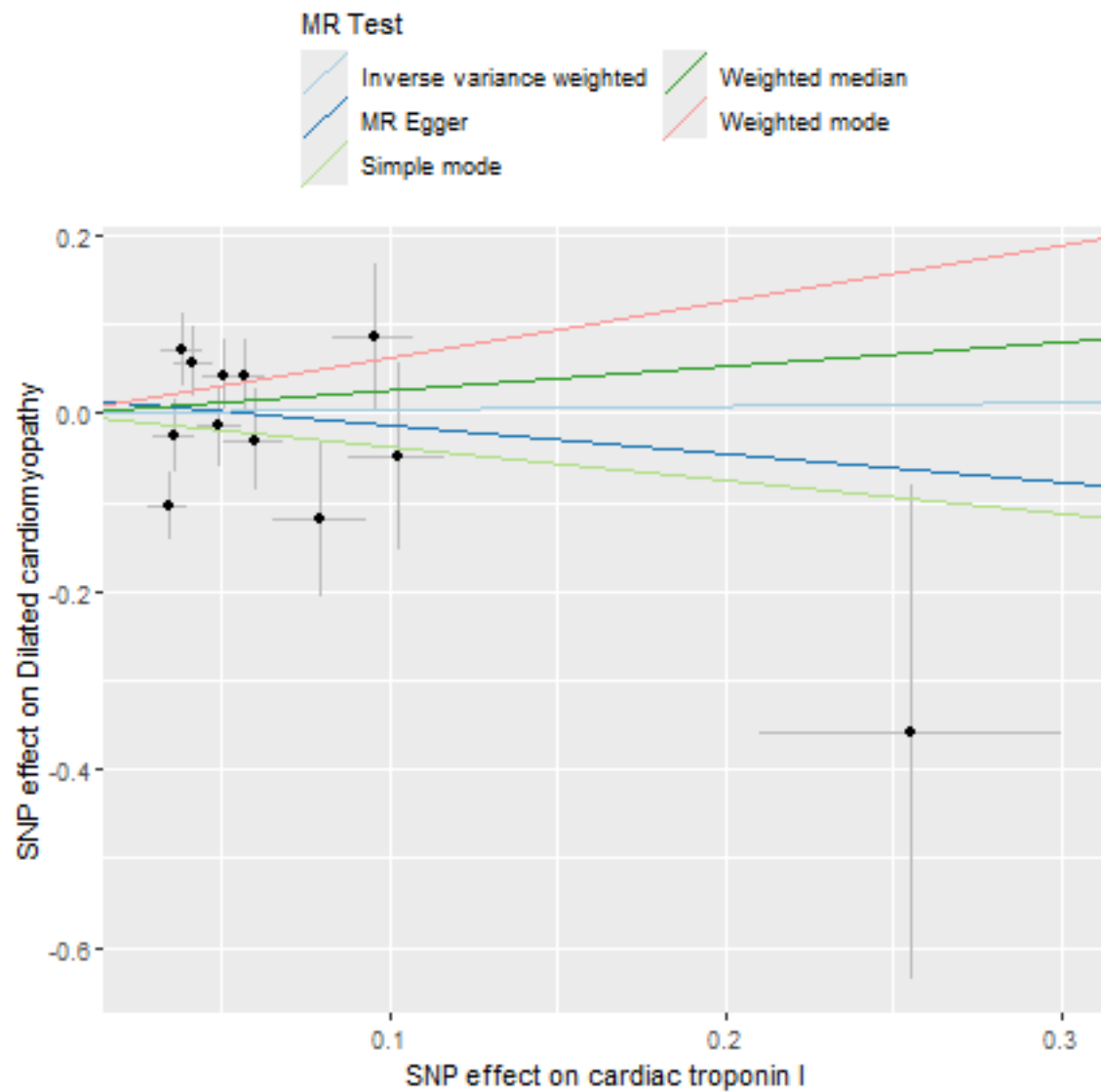
snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
0.012173	0.002324	TRUE	1e-07

Note - R² values are approximate

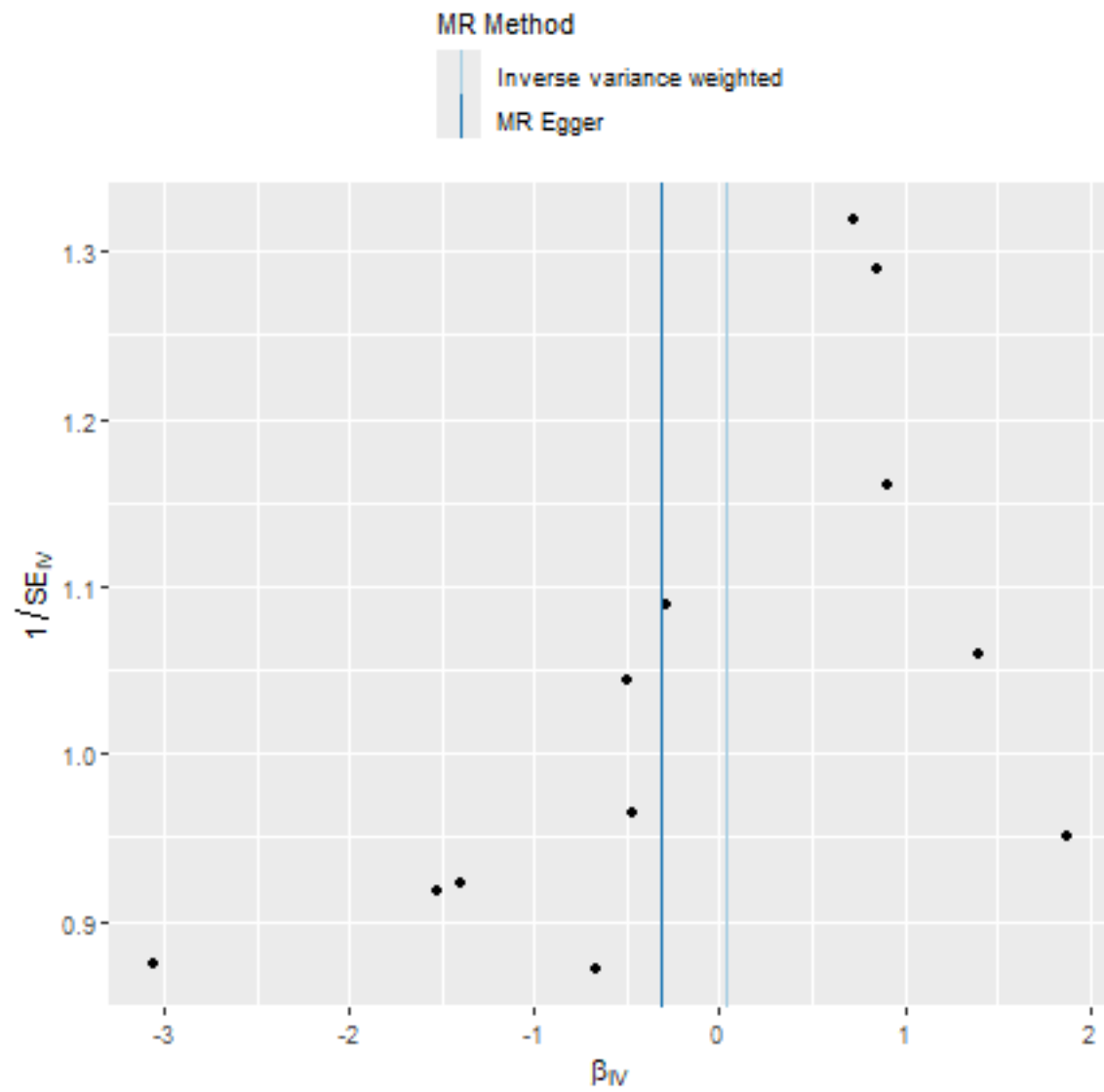
Forest plot of single SNP MR



Comparison of results using different MR methods



Funnel plot



Leave-one-out sensitivity analysis

