

## Two sample MR report

---

### cardiac troponin I against Coronary artery disease

Date: 11 June, 2025

---

#### Results from two sample MR:

method	nsnp	b	se	pval
MR Egger	11	-0.4144458	0.3298603	0.2405921
Weighted median	11	-0.2411099	0.1044474	0.0209751
Inverse variance weighted	11	-0.1966535	0.0965360	0.0416400
Simple mode	11	-0.2085026	0.1854955	0.2872580
Weighted mode	11	-0.2222246	0.1901003	0.2695198

---

#### Heterogeneity tests

method	Q	Q_df	Q_pval
MR Egger	18.55276	9	0.029276
Inverse variance weighted	19.54067	10	0.033909

---

#### Test for directional horizontal pleiotropy

egger_intercept	se	pval
0.0114745	0.0165751	0.5062337

---

#### Test that the exposure is upstream of the outcome

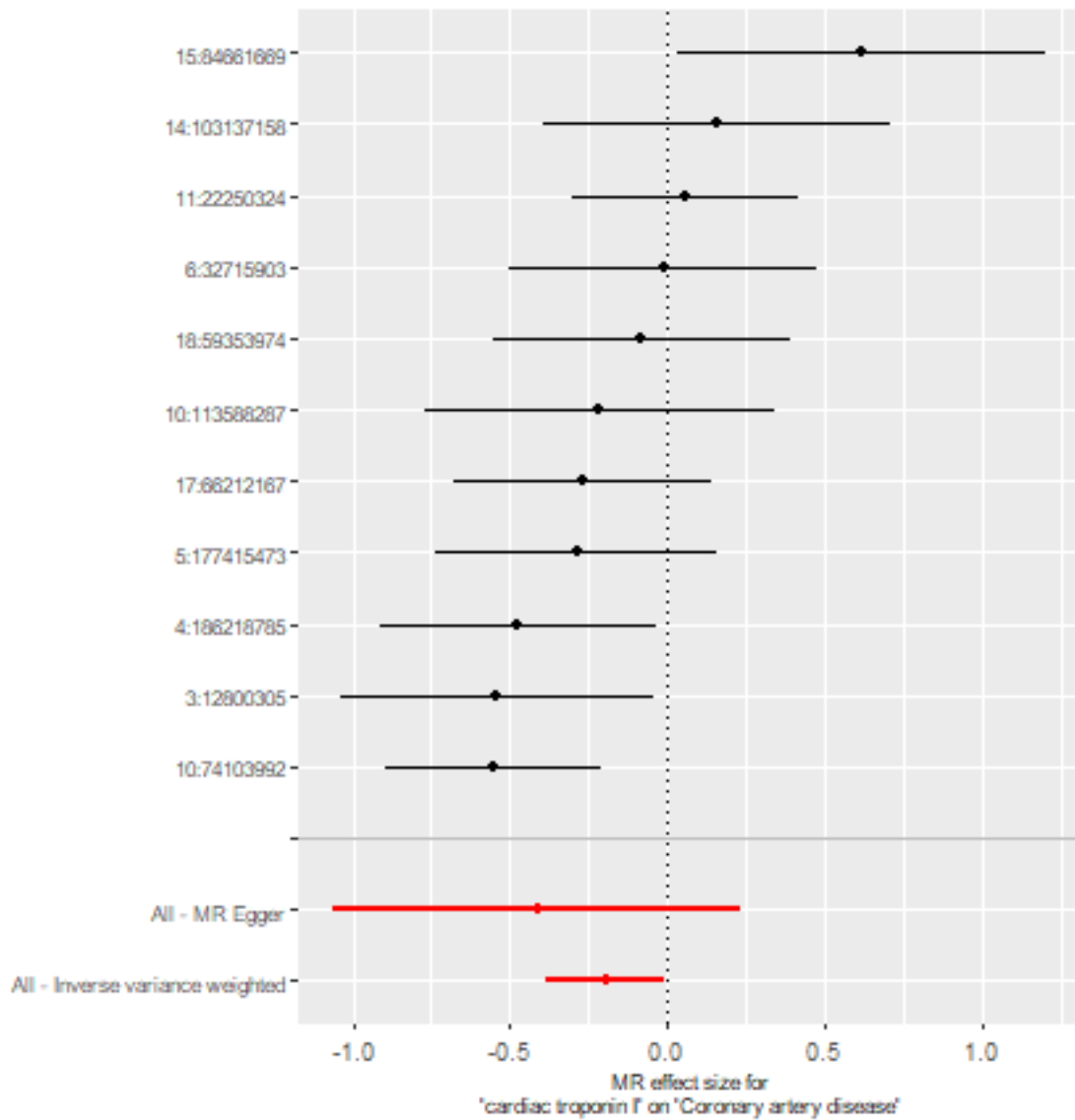
snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
0.0115987	0.00015	TRUE	0

---

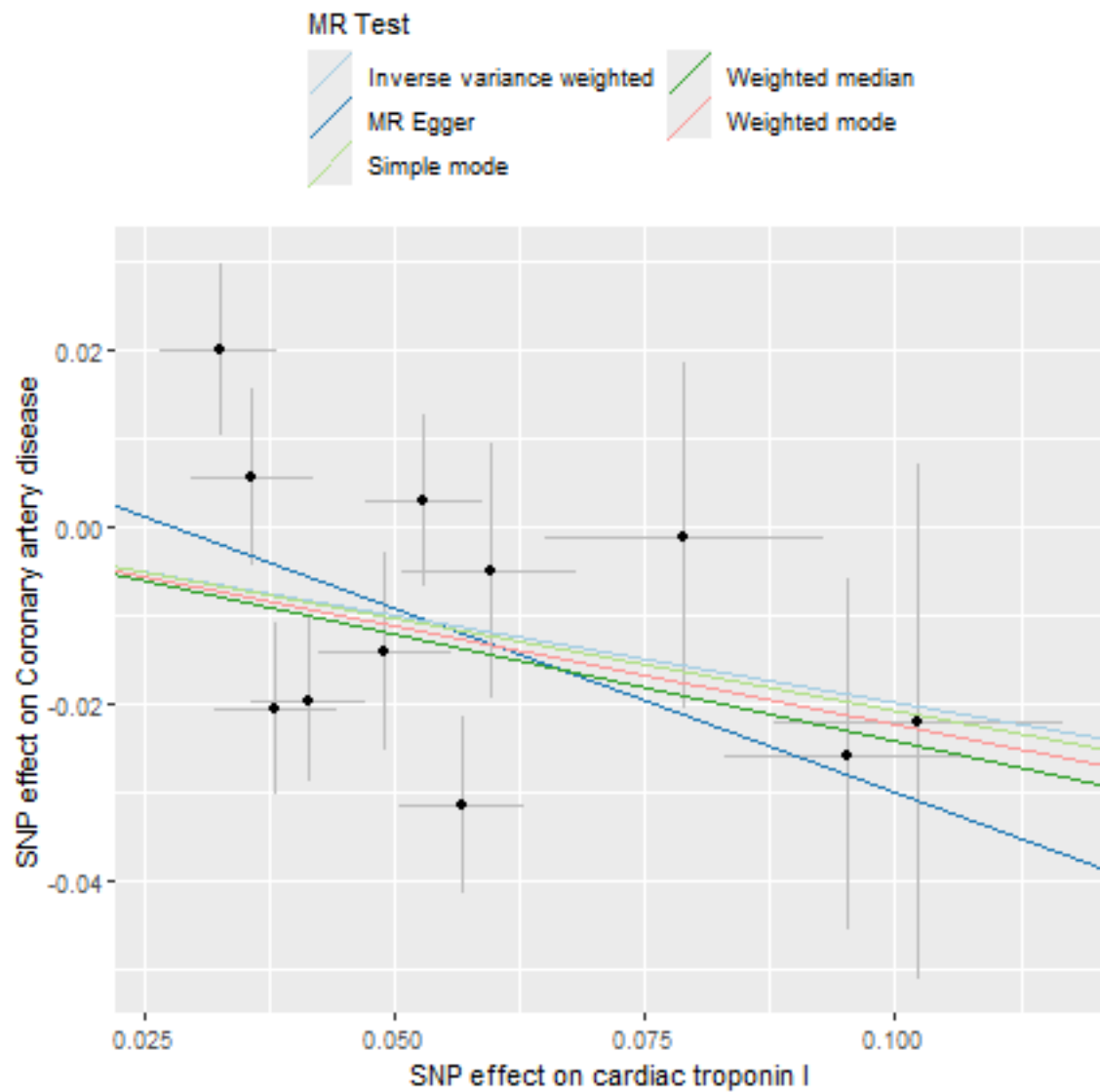
Note - R<sup>2</sup> values are approximate

---

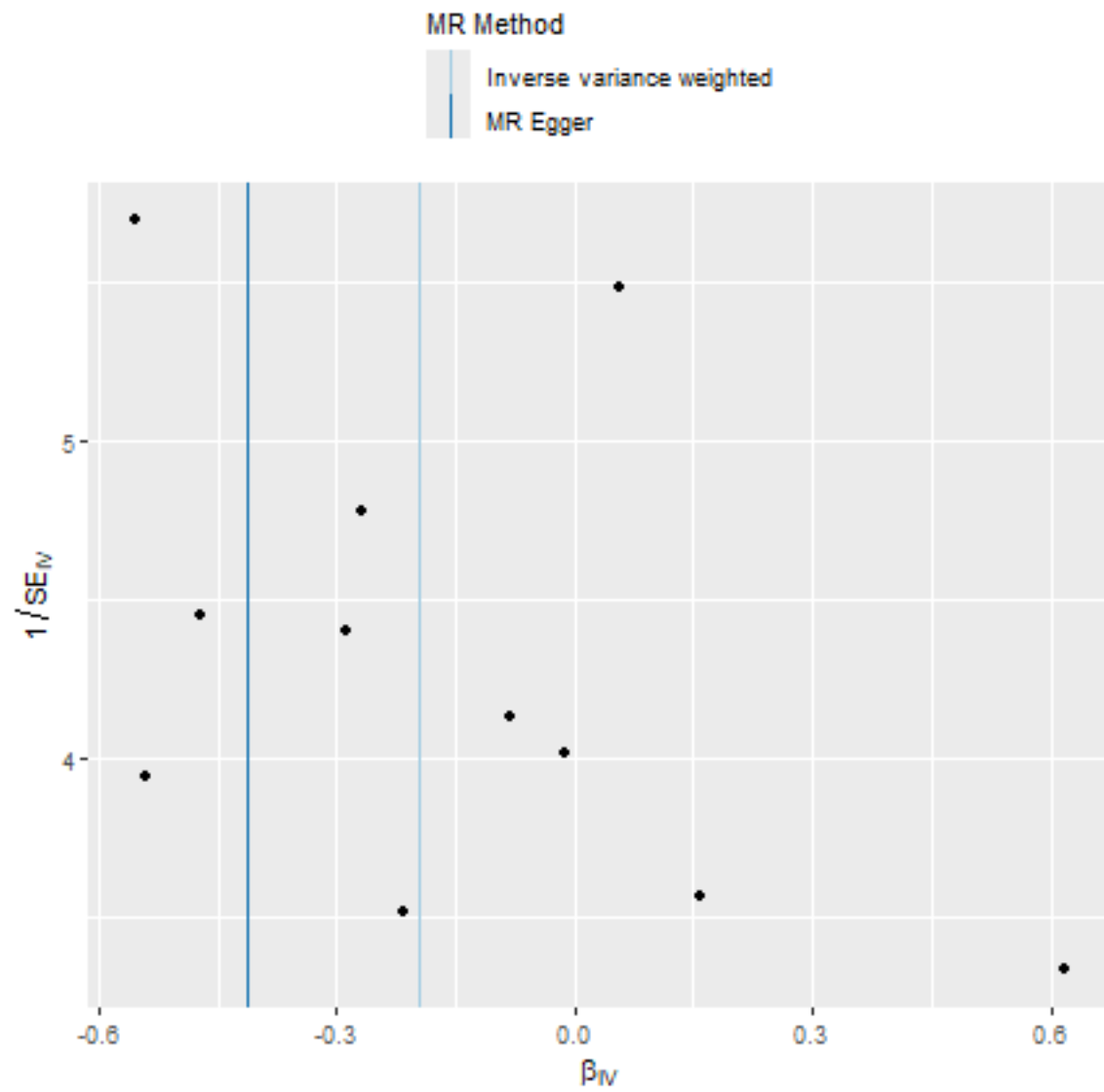
# Forest plot of single SNP MR



## Comparison of results using different MR methods



Funnel plot



## Leave-one-out sensitivity analysis

