Two sample MR report

Neutrophill count || id:ukb-d-30140__irnt against Pancreatic cancer || id:ieu-a-822

Date: **15 July, 2020**

Results from two sample MR:

method	nsnp	b	se	pval
MR Egger	123	0.1185191	0.5488053	0.8293838
Weighted median	123	0.0921260	0.3168520	0.7712395
Inverse variance weighted	123	-0.3129764	0.2129536	0.1416449
Simple mode	123	-0.1242111	0.7322565	0.8655838
Weighted mode	123	0.0314926	0.4365306	0.9426062

Heterogeneity tests

method	Q	Q_df	Q_pval
MR Egger	140.2292	121	0.1115318
Inverse variance weighted	141.0729	122	0.1141413

Test for directional horizontal pleiotropy

egger_intercept	se	pval
-0.0114865	0.0134619	0.3952028

Test that the exposure is upstream of the outcome

snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
0.030693	0.0412567	FALSE	0.0745729

Note - Rˆ2 values are approximate

Forest plot of single SNP MR

MR effect size for
'Neutrophill count || id:ukb-d-30140_irnt' on 'Pancreatic cancer || id:ieu-a-822'
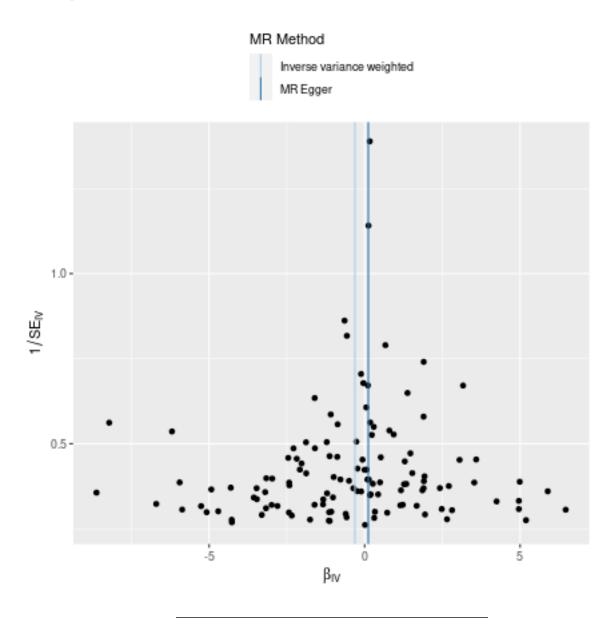

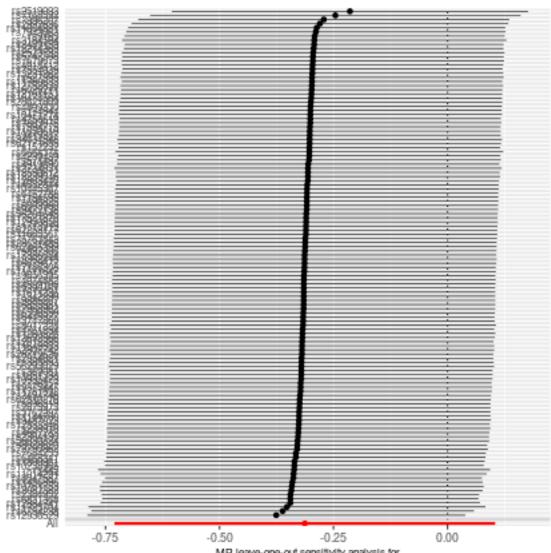**Comparison of results using different MR methods**

Funnel plot

Leave-one-out sensitivity analysis

MR leave-one-out sensitivity analysis for
'Neutrophill count || id:ukb-d-30140_irnt' on 'Pancreatic cancer || id:ieu-a-822'