

**Table S1** Cochran's Q test to evaluation the heterogeneity of dried fruit intake on non-small cell lung cancer

Outcome	Exposure	Method	Q	Q_df	Q_pval
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Dried fruit intake	MR Egger	45.34939013	34	0.092356269
		Inverse variance weighted	46.96630326	35	0.085133316

df, degree of freedom; pval, P value; MR Egger, Mendelian Randomization Egger.

**Table S2** Cochran's Q test to evaluation the heterogeneity of fresh fruit intake on non-small cell lung cancer

Outcome	Exposure	Method	Q	Q_df	Q_pval
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Fresh fruit intake	MR Egger	54.8482492	45	0.149188004
		Inverse variance weighted	56.82191231	46	0.131666331

df, degree of freedom; pval, P value; MR Egger, Mendelian Randomization Egger.

**Table S3** MR-PRESSO test to evaluation the horizontal pleiotropy of dried fruit intake on non-small cell lung cancer

Outcome	Exposure	Method	Global test P value
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Dried fruit intake	MR-PRESSO	0.07866667

MR-PRESSO, Mendelian Randomization Pleiotropy RESidual Sum and Outlier.

**Table S4** MR-PRESSO test to evaluation the horizontal pleiotropy of fresh fruit intake on non-small cell lung cancer

Outcome	Exposure	Method	Global test P value
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Fresh fruit intake	MR-PRESSO	0.1316667

MR-PRESSO, Mendelian Randomization Pleiotropy RESidual Sum and Outlier.

**Table S5** MR-Egger intercept test to evaluation the horizontal pleiotropy of dried fruit intake on non-small cell lung cancer

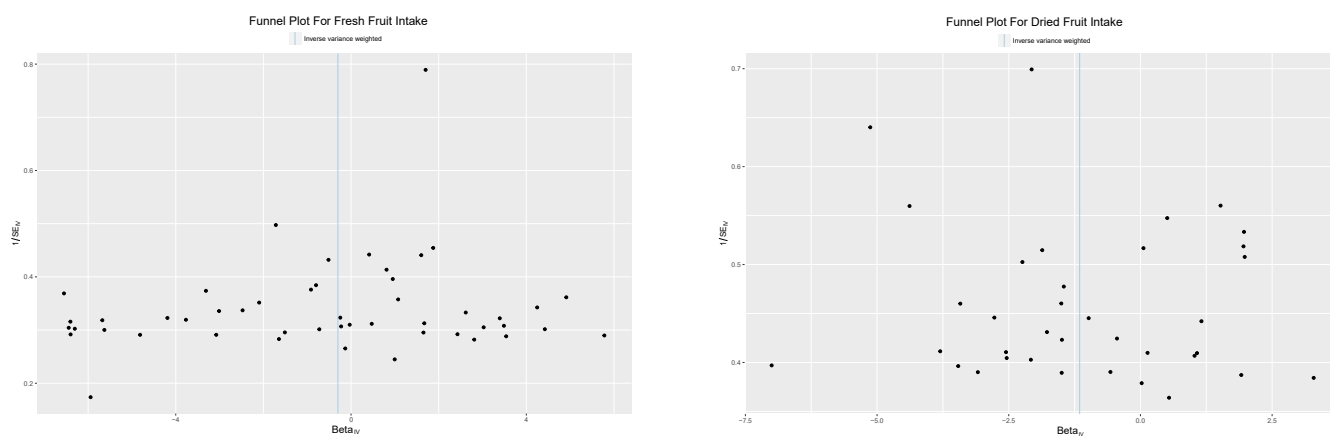
Outcome	Exposure	MR-Egger intercept	se	pval
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Dried fruit intake	0.024450107	0.022206683	0.278619866

se, standard error; pval, P value; MR-Egger, Mendelian Randomization-Egger.

**Table S6** MR-Egger intercept test to evaluation the horizontal pleiotropy of fresh fruit intake on non-small cell lung cancer

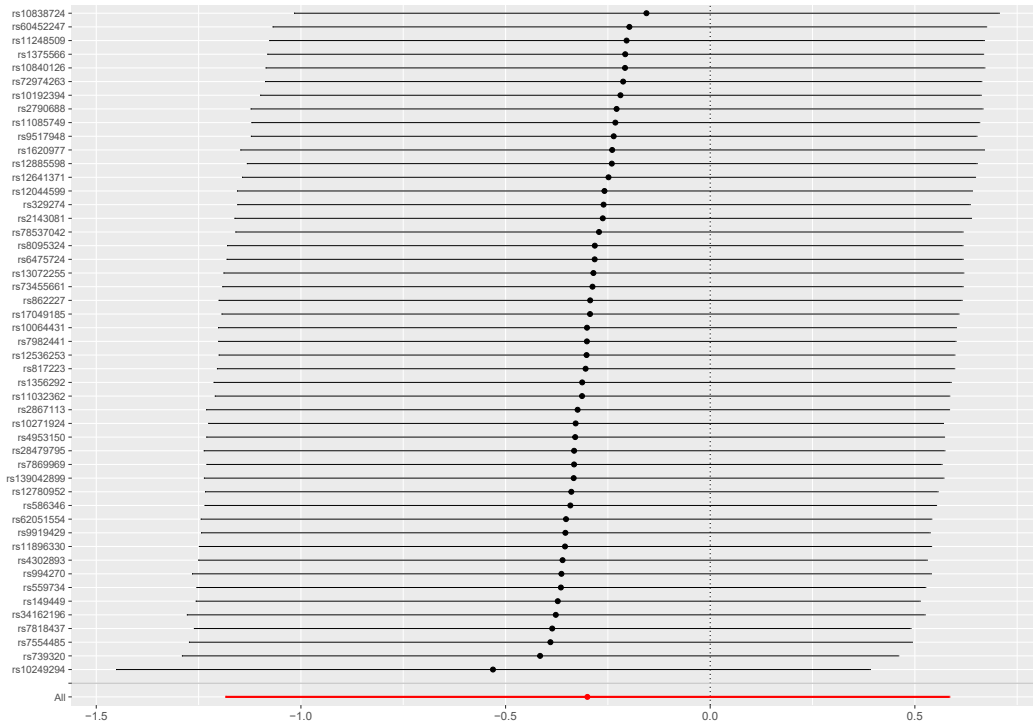
Outcome	Exposure	MR-Egger intercept	se	pval
finngen_R8_C3_LUNG_NONSMALL_EXALLC	Fresh fruit intake	0.017831008	0.014012464	0.209727713

se, standard error; pval, P value; MR-Egger, Mendelian Randomization-Egger.

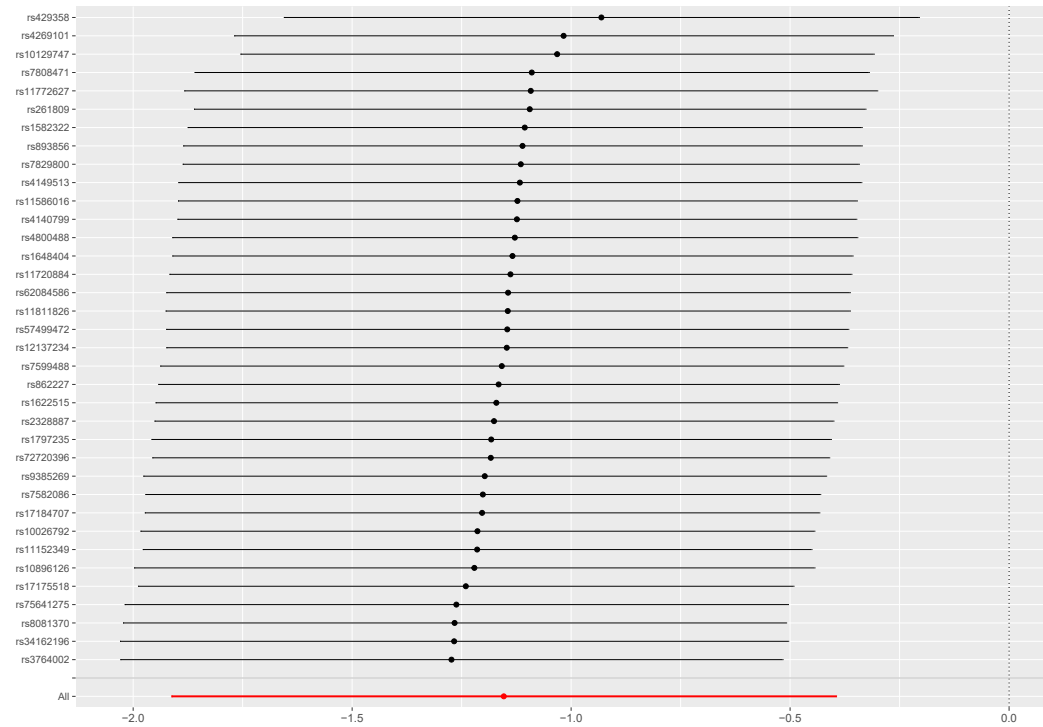


**Figure S1** Funnel Plot. We used Funnel Plot to check for the presence of heterogeneity in individual genetic variants, and when there is no heterogeneity, the funnel plots take on a symmetrical shape. SE, standard error; IV, instrumental variable.

### Leave-One-Out Plot For Fresh Fruit Intake



### Leave-One-Out Plot For Dried Fruit Intake



**Figure S2** Leave One Out Plot. We used Leave One Out Plot to show the MR estimation results after removing each individual SNP. SNP, single-nucleotide polymorphism.