**S9 Fig - Forest plot of lung cancer risk for each SD increase in triglycerides observed in a likelihood-based MR approach using the instrument set of rare SNPs.** 95%CI: 95% Confidence Interval; P: P value. I<sup>2</sup>: between-strata heterogeneity. PHet: P value of between-strata heterogeneity.

Lung Cancer	Cases	Controls	Odds Ratio		95% CI	Р
Overall	29,266	56,450		0.87	0.70 - 1.08	0.21
Histology type					<b>I</b> <sup>2</sup> = 0%;	<b>PHet</b> =0.39
Adenocarcinoma	11,273	55,483		0.88	0.66 - 1.18	0.39
Squamous cell	7,426	55,627 —		0.71	0.50 - 1.01	0.06
Small cell	2,664	21,444		1.10	0.64 - 1.90	0.74
Smoking group					<b>I</b> <sup>2</sup> = 0%;	<b>PHet</b> = 0.35
Never smokers	2,355	7,504		→ 1.14	0.60 - 2.17	0.68
Ever smokers	23,223	16,964		0.82	0.62 - 1.08	0.16
		0.5	1	2		