

Figure S1 Scatter plots showing the effects of the three reproductive behaviors on the risk of lung cancer by a Mendelian randomization analysis.

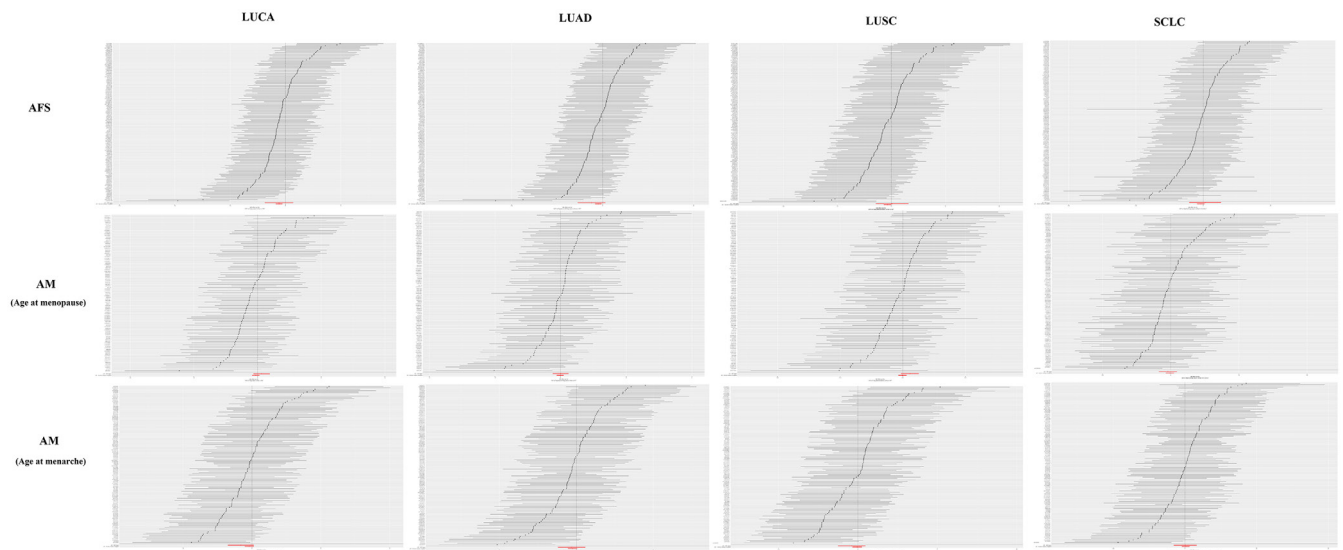


Figure S2 Forest maps showing the effects of the three reproductive behaviors on the risk of lung cancer based on a Mendelian randomization analysis of the single nucleotide polymorphisms.

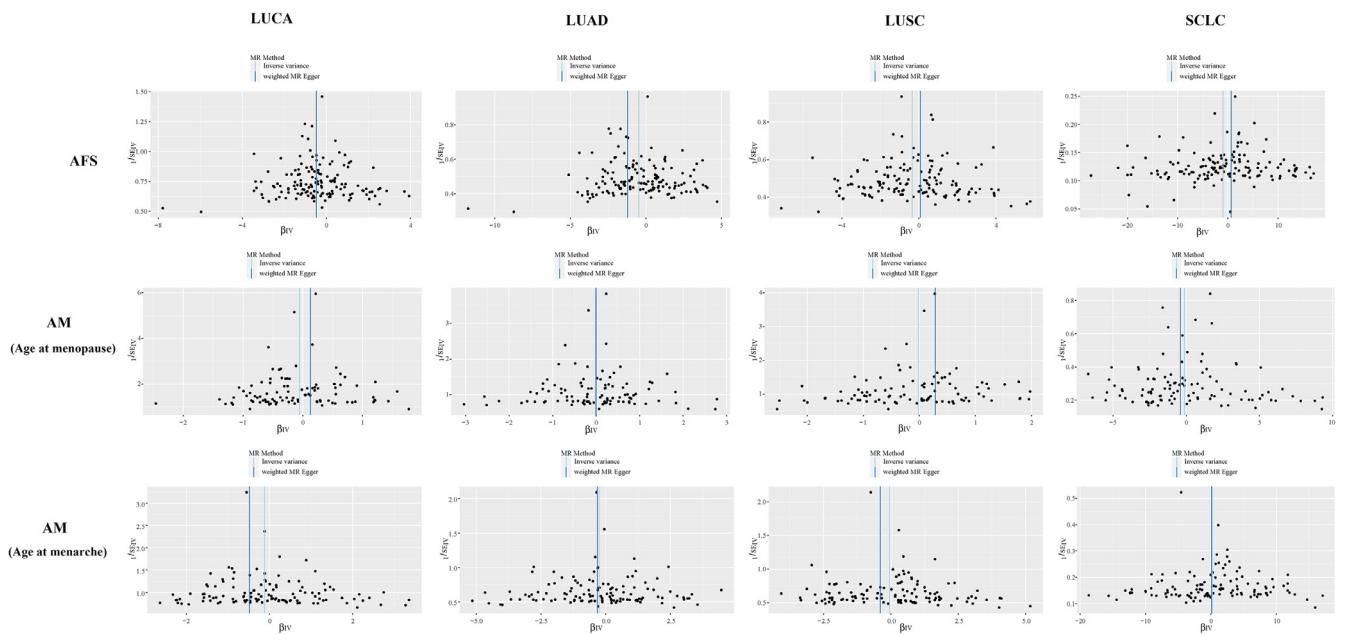


Figure S3 Forest maps showing the effects of the three reproductive behaviors on the risk of lung cancer based on a Mendelian randomization analysis of the single nucleotide polymorphisms.

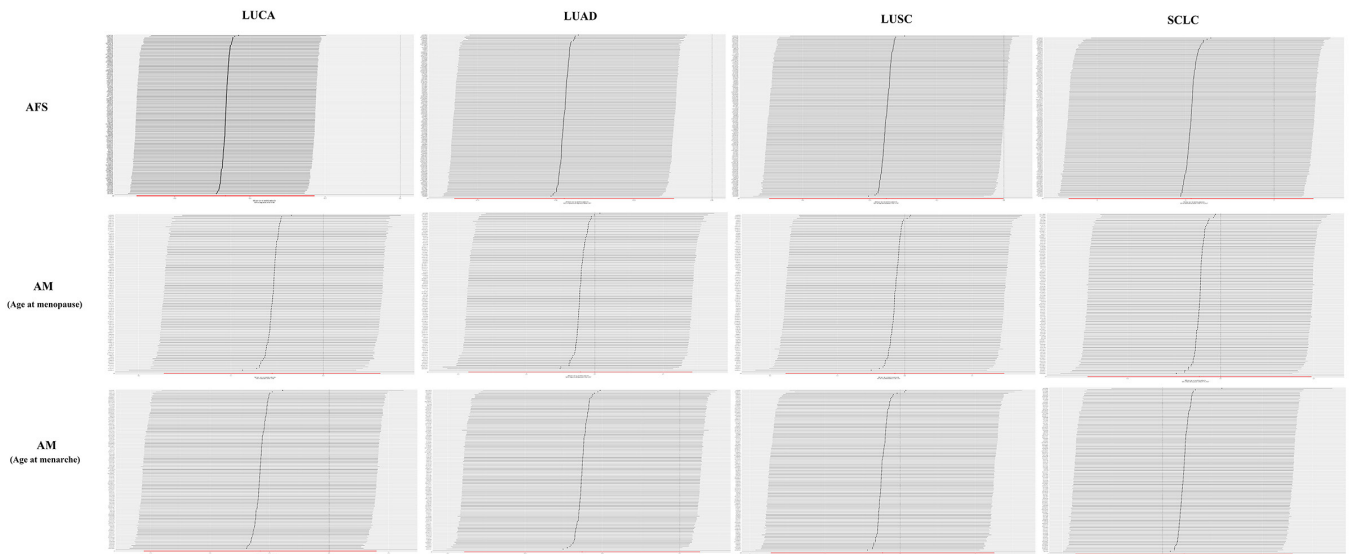


Figure S4 The results of the leave-one-out sensitivity analyses.

Table S1 Lung cancer of the three reproductive behaviors by a Mendelian randomization analysis

Outcome	SNP, n	Heterogeneity		Pleiotropy		MR-PRESSO	
		Q-statistic	P value	SE	P value	OR (95% CI)	P value
Lung cancer of AFS							
Lung cancer over all	169	174.3796	0.0381	0.0082	0.9927	0.6283 (0.4959–0.7961)	0.0001
Lung adenocarcinoma	169	161.4713	0.1384	0.0120	0.5676	0.7042 (0.4967–0.9984)	0.0490
Squamous cell lung cancer	169	163.8073	0.1123	0.0121	0.3273	0.6231 (0.4386–0.8853)	0.0083
Small cell lung cancer	168	153.7617	0.1416	0.0472	0.5864	0.3916 (0.0982–1.5608)	0.1839
Lung cancer of age at menopause							
Lung cancer over all	97	114.6145	0.0833	0.0054	0.1210	0.9460 (0.8414–1.0637)	0.3534
Lung adenocarcinoma	97	93.6895	0.5188	0.0075	0.0701	0.9853 (0.8377–1.1590)	0.8585
Squamous cell lung cancer	97	94.4243	0.4974	0.0076	0.8947	0.9790 (0.8312–1.1531)	0.7994
Small cell lung cancer	111	83.4668	0.9309	0.0282	0.6314	0.6314 (0.4893–1.6284)	0.7112
Lung cancer of age at menarche							
Lung cancer over all	118	152.1970	0.0136	0.0063	0.1752	0.8907 (0.7327–1.0827)	0.2451
Lung adenocarcinoma	118	151.1785	0.0157	0.0096	0.4074	0.9542 (0.7086–1.2849)	0.7573
Squamous cell lung cancer	118	159.2981	0.0048	0.0099	0.8791	0.7769 (0.5726–1.0541)	0.1048
Small cell lung cancer	124	134.0488	0.1340	0.0358	0.9247	1.2407 (0.4189–3.6751)	0.6971

SNP, single nucleotide polymorphism; SE, standard error; OR, odds ratio; CI, confidence interval; AFS, age at first sexual intercourse.