

Supplementary Table SIV. Mendelian Randomization Estimates of the Association between Vitamin D Levels and the Risk of Neonatal Jaundice

GWAS ID: ebi-a-GCST005367

Methods	SNPs	β	SE	OR (95% CI)	<i>P</i> -value	Egger intercept	Intercept <i>P</i> -value
MR-Egger	6	-2.52	lip.96	0.08 (1.36e-08, 4.75e+05)	0.77	-0.07	0.75
Weighted median	6	-5.24	lut.76	0.005 (2.37e-05, 1.18)	0.06		
IVW	6	-5.15	lut.23	0.006 (7.34e-05, 0.46)	0.02		
Simple mode	6	-1.58	mar.67	0.21 (1.56e-04, 273.9)	0.69		
Weighted mode	6	-5.46	mar.15	0.004 (8.86e-05, 2.05)	0.14		

The result indicate there is no horizontal pleiotropy in the instrumental variables (Egger intercept = -0.07, $p = 0.075$), and the IVW method is adopted.

GWAS ID: ebi-a-GCST90014016

Methods	SNPs	β	SE	OR (95% CI)	<i>P</i> -value	Egger intercept	Intercept <i>P</i> -value
MR-Egger	69	-1.64	0.79	0.19 (0.04, 0.92)	0.04	0.06	0.03
Weighted median	69	-1.83	0.83	0.16 (0.03, 0.82)	0.03		
IVW	69	-0.38	0.54	0.69 (0.24, 1.96)	0.48		
Simple mode	69	-1.29	45474,00	0.27 (0.01, 7.62)	0.45		
Weighted mode	69	-1.39	0.66	0.25 (0.07, 0.90)	0.04		

The result indicate the presence of horizontal pleiotropy in the instrumental variables (Egger intercept = 0.06, $p = 0.03$), and the MR-Egger method is adopted.