Table S1 IVs selection for gestational diabetes

chr. exposure	pos. exposure	beta. exposure	se. exposure	pval. exposure	samplesize. exposure	SNP	effect_allele. exposure	other_allele. exposure	eaf. exposure
1	194176242	0.3786	0.0808	2.80401E−06	123,579	rs185497833	T	C	0.01638
2	27741237	0.1195	0.0211	1.392E−08	123,579	rs780094	C	T	0.6441
2	232939091	0.3861	0.081	1.84799E−06	123,579	rs78692873	T	C	0.01629
2	140617177	−0.1521	0.032	2.06201E−06	123,579	rs4954803	C	T	0.1111
2	241298428	−0.2814	0.0602	2.99799E−06	123,579	rs144589137	A	G	0.03035
3	149448376	0.2457	0.0485	4.10299E−07	123,579	rs112512273	T	C	0.04748
3	8997456	−0.257	0.0545	2.42097E−06	123,579	rs181629889	C	G	0.03748
5	95674266	−0.1136	0.0215	1.18599E−07	123,579	rs10040098	T	C	0.3275
6	32668411	0.2105	0.0308	7.94145E−12	123,579	rs9275373	A	G	0.1218
6	19452664	−0.2283	0.0406	1.84599E−08	123,579	rs9295438	C	T	0.9245
6	20679709	0.1144	0.0213	7.39707E−08	123,579	rs7756992	G	A	0.3326
7	151253083	0.1021	0.0217	2.69401E−06	123,579	rs4726046	A	C	0.6937
10	114785424	0.2103	0.0257	2.95801E−16	123,579	rs7074440	A	G	0.193
11	92708710	0.3598	0.0212	1.83485E−64	123,579	rs10830963	G	C	0.3578
11	2858546	−0.1822	0.0371	8.88792E−07	123,579	rs2237897	T	C	0.08131
12	97851002	−0.1779	0.0376	2.21299E−06	123,579	rs74628648	T	C	0.07876
12	4384844	−0.3032	0.0609	6.34001E−07	123,579	rs76895963	G	T	0.03156
16	89932167	0.4914	0.1031	1.88599E−06	123,579	rs142222325	C	G	0.01025
21	44102313	0.1391	0.0303	4.45102E−06	123,579	rs59068774	A	G	0.1289

Table S2 IVs selection for gestational edema and proteinuria without hypertension

chr. exposure	pos. exposure	beta. exposure	se. exposure	pval. exposure	samplesize. exposure	SNP	effect_allele. exposure	other_allele. exposure
2	170050472	0.173	0.0377	4.41205E−06	116,211	rs2075248	C	T
4	110555678	−0.1771	0.0374	2.19801E−06	116,211	rs11938222	A	G
7	15702723	0.212	0.0429	7.65808E−07	116,211	rs6461201	T	C
8	40852098	0.3181	0.0646	8.53493E−07	116,211	rs13250797	C	G
11	2832905	−0.2738	0.0571	1.60498E−06	116,211	rs2237888	T	C
14	48966575	0.4868	0.0927	1.527E−07	116,211	rs17763044	T	C
15	62732071	0.4	0.0849	0.00000244	116,211	rs77100938	G	A
18	30050356	−0.2093	0.0456	0.000004495	116,211	rs11664566	T	C

Table S3 IVs selection for preeclampsia or eclampsia

chr. exposure	pos. exposure	beta. exposure	se. exposure	pval. exposure	samplesize. exposure	SNP	effect_allele. exposure	other_allele. exposure	eaf. exposure
4	54542565	0.1262	0.0274	4.16601E−06	118,638	rs17083272	T	C	0.2483
4	81184341	0.1282	0.0256	5.815E−07	118,638	rs16998073	T	A	0.3114
6	11224713	−0.1213	0.0251	0.000001344	118,638	rs7769369	C	T	0.6634
6	142188405	0.2604	0.0533	0.000001011	118,638	rs11155210	T	C	0.05523
6	88077268	0.2105	0.0453	0.000003425	118,638	rs574800233	T	G	0.07599
8	17918934	−0.3723	0.0689	6.58006E−08	118,638	rs10103355	G	A	0.9689
10	121712667	0.1258	0.0255	7.84404E−07	118,638	rs12775642	A	G	0.3227
12	111716718	−0.1532	0.0328	2.89301E−06	118,638	rs7963641	A	G	0.1585
18	65010976	0.5548	0.1179	2.50398E−06	118,638	rs137882343	T	G	0.01105

Table S4 F-values when assessing the causal effect of pregnancy disorders as exposure factors on neonatal jaundice as an outcome

Exposure factors	Mean F-statistic	Minimum value	Maximum value
Pre-eclampsia or eclampsia	23.62	21.21	29.20
Gestational edema and proteinuria	23.25	21.06	27.58
Gestational diabetes	41.92	21.07	288.03