

Table S1. Perinatal/neonatal outcomes, in infants with one or more factors and in healthy infants

	Infants with pathological factors (i.e., A-D) (3.95%*)					Infants with no pathological factor (96.05%)
	A only (1.46%)	B only (1.46%)	C only (0.48%)	D only (0.48%)	>1 factor (0.05%)	
Fetal deaths, %	0.19	0.38	0.63	0.47	0.61	0.149
Neonatal deaths among live births, %	0.19	0.37	9.22	12.67	19.00	0.058
Survived, %	99.63	99.25	90.15	86.85	80.38	99.79
Preterm live births, %	47.55	47.64	89.51	94.76	92.57	4.0

* Sub-column percentages do not total to 3.95% due to rounding

Table S2. Week-specific odds ratios quantifying the association of factors B and D with neonatal death, and percent bias compared to true odds ratio, at ≤ 32 weeks' gestation

Week of gestation	B as index cause			C as index cause		
	Calculated OR	True OR	Percent bias (%)	Calculated OR	True OR	Percent bias (%)
22	3.03	3.0	1	1.11	2.00	-89
23	3.00	3.0	0	1.08	2.40	-94
24	2.98	3.0	-1	1.06	2.88	-97
25	2.95	3.0	-2	1.05	3.46	-98
26	2.88	3.0	-6	1.04	4.15	-99
27	2.69	3.0	-16	1.03	4.98	-99
28	2.27	3.0	-37	1.03	5.98	-99
29	1.57	3.0	-72	1.05	7.18	-99
30	0.90	3.0	-105	1.14	8.62	-98
31	0.54	3.0	-123	1.39	10.35	-96
32	0.41	3.0	-130	2.02	12.42	-91