

Supplemental Table S2. Associations between maternal and perinatal factors and endocrine and lipid measures in cord blood in univariable regression analysis

	<u>Apo-A1</u>			<u>Apo-B</u>			<u>HDL</u>			<u>LDL</u>			<u>Total cholesterol</u>		
	β	95% CI	P	β	95% CI	P	β	95% CI	P	β	95% CI	P	β	95% CI	P
- Maternal age (years)	-0.00	-0.01;0.01	0.72	0.00	-0.00;0.01	0.36	-0.00	-0.02;0.01	0.72	0.00	-0.03;0.03	0.86	-0.00	-0.04;0.04	0.93
- Pre-pregnancy BMI (kg)	0.00	-0.01;0.01	0.97	0.00	-0.01;0.01	0.62	-0.00	-0.01;0.01	0.78	0.01	-0.02;0.04	0.41	0.01	-0.03;0.05	0.59
- Ethnicity (western or not)	-0.05	-0.15;0.06	0.37	-0.04	-0.13;0.04	0.30	-0.09	-0.21;0.04	0.16†	-0.20	-0.50;0.10	0.18†	-0.32	-0.71;0.08	0.11†
- Highest finished education	0.02	-0.08;0.12	0.62	-0.02	-0.10;0.06	0.66	0.04	-0.09;0.16	0.55	-0.09	-0.37;0.21	0.56	-0.09	-0.48;0.29	0.62
- Current smoker	0.02	-0.14;0.17	0.82	0.13	0.01;0.25	0.03*	-0.03	-0.22;0.17	0.77	0.46	0.06;0.87	0.03*	0.48	-0.08;1.04	0.09†
- Maternal diabetes (gestational, type I or II)	0.06	-0.13;0.24	0.55	0.20	0.06;0.33	0.01*	0.06	-0.17;0.29	0.62	0.77	0.23;1.31	0.01*	0.85	0.11;1.60	0.03*
- Preterm birth	-0.00	-0.17;0.16	0.98	0.18	0.05;0.30	0.01*	0.09	-0.12;0.30	0.40	-0.66	-1.08;-0.24	<0.01*	0.75	0.17;1.34	0.01*
- Small for gestational age	0.04	-0.12;0.20	0.64	-0.01	-0.14;0.12	0.88	-0.03	-0.24;0.18	0.78	0.00	-0.45;0.45	1.00	0.01	-0.60;0.63	0.97
- Fetal sex	-0.02	-0.10;0.06	0.65	-0.00	-0.07;0.06	0.90	-0.03	0.13;0.08	0.59	0.02	-0.21;0.26	0.84	-0.04	-0.36;0.27	0.78
	<u>Triglycerides f</u>			<u>C-peptide</u>			<u>Glucose</u>			<u>FT4</u>					
	β	95% CI	P	β	95% CI	P	β	95% CI	P	β	95% CI	P			
- Maternal age (years)	0.80	-2.57;4.39	0.62	0.00	-0.01;0.01	0.49	-0.05	-0.12;0.02	0.14†	-0.07	-0.19;0.06	0.30			
- Pre-pregnancy BMI (kg)	-0.40	-3.34;2.63	0.79	0.01	0.00;0.01	0.04*	0.00	-0.06;0.07	0.90	-0.05	-0.16;0.06	0.37			
- Ethnicity (western or not)	-4.02	-31.48;34.58	0.81	-0.02	-0.11;0.06	0.57	-0.01	-0.75;0.72	0.97	-0.81	-2.08;0.46	0.21			
- Highest finished education	-5.64	-31.34;29.69	0.72	-0.01	-0.08;0.07	0.91	0.13	-0.58;0.85	0.71	0.95	-0.28;2.17	0.13†			
- Current smoker	13.54	-32.50;90.98	0.63	-0.05	-0.17;0.07	0.39	-0.30	-1.32;0.71	0.55	-1.31	-3.06;0.45	0.14†			
- Maternal diabetes (gestational, type I or II)	10.41	-40.49;104.83	0.75	0.00	-0.15;0.15	0.96	0.51	-0.77;1.79	0.43	-0.96	-3.42;1.49	0.44			
- Maternal hypothyroidism	-	-	-	-	-	-	-	-	-	-1.30	-5.49;2.89	0.54			
- Maternal hyperthyroidism	-	-	-	-	-	-	-	-	-	-1.01	-4.00;1.97	0.50			
- Preterm birth	-11.57	-49.29;54.34	0.66	0.02	-0.11;0.15	0.75	-1.05	-2.19;0.10	0.07†	-1.24	-3.37;0.90	0.25			
- Small for gestational age	37.30	-21.34;139.41	0.26	-0.13	-0.26;0.01	0.06†	0.17	-1.01;1.34	0.78	-0.48	-2.24;1.46	0.62			
- Fetal sex	-3.44	-27.39;28.27	0.81	0.03	-0.04;0.09	0.44	-0.12	-0.71;0.47	0.68	0.01	-1.07;1.10	0.98			

Significant associations with *P*-values <0.05 are marked with an asterisk (*). Associations with a *P*-value <0.20 are marked with a dagger (†) and are included as confounders in multivariable regression analysis assessing the association between measures of HG severity and endocrine and lipid measures in cord blood. β is the unstandardized regression coefficient, 95% CI is the 95% confidence interval. f = log transformed, back transformed and expressed in % of difference. **Abbreviations:** Apo-A1: apolipoprotein A1, Apo-B: apolipoprotein B, FT4: free thyroxine, HDL: high density lipoprotein, LDL: low density lipoprotein. Small for gestational age is defined as birth weight below the 10th percentile.