

Table 3. Logistic regression models of maternal and neonatal complications in pregnant women treated for hypothyroidism

Predictive parameters	Univariate models			Multivariate models		
	OR	95% CI	p value	OR	95% CI	p value
All complications (combined)						
History of preterm delivery	13.7	1.2 – 152.1	0.033	-	-	-
TSH, pre-gestation	1.1	0.9 – 1.4	0.257	-	-	-
fT ₄ , pre-gestation	0.0	0.0 – 1.8	0.094	-	-	-
LT ₄ dose, pre-gestation	1.0	1.0 – 1.0	0.028	1.0	1.0 – 1.0	0.018
Gestational week at delivery	0.6	0.4 – 0.9	0.008	0.6	0.4 – 1.1	0.074
Maternal complications						
BMI, pre-gestation	1.3	1.1 – 1.5	0.007	1.4	0.9 – 2.0	0.119
fT ₄ , third trimester	0.0	0.0 – 6.4	0.163	0.0	0.0 – 19.7	0.096
Neonatal complications						
TSH, pre-gestation	1.1	0.9 – 1.4	0.271	-	-	-
LT ₄ dose, pre-gestation	1.0	0.9 – 1.0	0.051	1.0	0.9 – 1.0	0.038
Gestational week at delivery	0.5	0.3 – 0.8	0.001	0.3	0.1 – 0.9	0.024

BMI: body mass index; CI: confidence interval; fT₄: free thyroxine; Hx: history; LT₄: levo-thyroxine; OR: odds ratio; TSH: thyroid stimulating hormone.