

Table 5. Factors associated with low birth weight and multivariable analysis by logistic regression.

Variables	Non-adjusted ²			Adjusted ²		
	OR ¹	[95% CI] ³	p ⁴	OR ¹	[95% CI]	p ⁴
Maternal schooling (years)			0.018			0.102
< 8	5.18	2.97-12.01		0.44	0.16-1.18	
8 - 12	2.34	1.87-3.17		0.53	0.20-1.38	
>12	1.00	Reference		1.00	Reference	
Gestational age (weeks)			< 0.001			< 0.001
≥ 37	1.00	Reference		1.00	Reference	
< 37	1.03	1.02-1.04		56.98	29.52-109.95	
Type of pregnancy			< 0.001			< 0.001
Singleton	1.00	Reference		1.00	Reference	
Twin	2.89	1.94-3.85		20.00	6.25-100.00	
Classification by maternal BMI²			< 0.001			0.015
Malnourished	1.45	1.21-2.07		2.30	1.08-5.00	
Eutrophic	1.00	Reference		1.00	Reference	
Overweight	1.17	1.06-1.51		1.66	0.96-2.87	
Obese	2.09	1.42-4.74		2.30	1.18-4.48	
Weight gain during pregnancy			< 0.001			0.004
≤ 5Kg	1.13	1.05-1.35		2.63	1.35-5.00	
5.1 - 10 Kg	1.54	1.27- 2.23		1.61	0.99-2.63	
10.1 - 15 Kg	1.00	Reference		1.00	Reference	
> 15 Kg	7.64	1.16- 1.64		2.26	1.16-4.41	
Maternal smoking			0.007			0.002
Yes	7.64	3.68-23.88		2.12	1.33-3.45	
No	1.00	Reference		1.00	Reference	

Source: Live Birth Reports and records of pregnant women at the Primary Health Care Units and Botucatu University Hospital.

¹ OR = odds ratio; ² Factors with p > 0.05 in association with LBW in multivariable analysis were not included in the non-adjusted and adjusted model; ³ 95%CI = confidence interval; ⁴ p values were derived using the Wald test.