

Table 3 Multiple logistic regression models for the relationship between mode of delivery and selected demographic, obstetric and medical determinants in the two study years<sup>a</sup>

Selected characteristics	OR	95% CI	P-value
Year of birth			
1993	1		
2002	2.00	1.66–2.40	< 0.001
Age (years)			
15–19	0.44	0.32–0.61	< 0.001
20–35	1		
> 35	2.40	1.85–3.11	< 0.001
Region			
Jerusalem	1		
West Bank and Gaza Strip	1.39	1.16–1.66	< 0.001
Parity			
Primipara	1		
Multipara	0.42	0.34–0.52	< 0.001
No. of previous caesarean sections			
0	1		
1+	11.78	9.60–14.46	< 0.001
Antepartum haemorrhage			
No	1		
Yes	2.87	2.04–4.05	< 0.001
Pregnancy-induced hypertension/ pre-eclampsia/ eclampsia			
No	1		
Yes	3.25	2.29–4.61	< 0.001
Other conditions related to pregnancy <sup>b</sup>			
No	1		
Yes	2.81	2.21–3.57	< 0.001

Table 3 Multiple logistic regression models for the relationship between mode of delivery and selected demographic, obstetric and medical determinants in the two study years<sup>a</sup> (concluded)

Selected characteristics	OR	95% CI	P-value
Weight of baby (kg)			
< 2.5	1.56	1.16–2.09	0.004
> 2.5 ≤ 4	1		
> 4	1.86	1.33–2.60	< 0.001
Weeks of gestation			
Preterm (< 37)	1.50	1.11–2.02	0.008
Term (37–41)	1		
Post-term (> 41)	1.24	0.83–1.85	0.28
Other medical conditions <sup>c</sup>			
No	1		
Yes	1.45	0.99–2.12	0.06

<sup>a</sup>"Diabetes" was excluded from the model because of the small number of cases; "booking" was excluded because it was not significant in the bivariate analysis; "locality" was excluded because of the high colinearity with "region."

<sup>b</sup>Including infertility related conditions, uterine and amniotic fluid abnormalities, pregnancy complications other than those mentioned in the table.

<sup>c</sup>Including medical conditions other than diabetes and haematological disorders.

OR = odds ratio; CI = confidence interval.