

Table 2 Results of multivariable logistic regression models for risk factors for neonatal death

Variable	Risk of neonatal death	
	Model 1	Model 2
	OR (95% CI)	OR (95% CI)
Delivery type		
Vaginal (Ref.)	1.00	1.00
Caesarean section	2.19 (1.48–3.24)	–
Elective caesarean section	–	0.65 (0.26–1.62)
Repeat caesarean section	–	2.77 (1.64–4.66)
Emergency caesarean section	–	2.51 (1.56–4.03)
Mother's education		
High (Ref.)	1.00	1.00
Low	2.12 (1.08–4.18)	1.91 (0.94–3.85)
None	1.67 (1.10–2.53)	1.61 (1.05–2.45)
Parity		
1 (Ref.)	1.00	1.00
2	1.36 (0.85–2.16)	1.14 (0.68–1.89)
3	1.18 (0.65–2.17)	0.95 (0.48–1.89)
≥ 4	2.55 (1.35–4.80)	2.51 (1.28–4.93)
Mother's age (years)		
18–35 (Ref.)	1.00	1.00
< 18	1.51 (0.35–6.51)	1.33 (0.31–5.75)
> 35	0.56 (0.29–1.07)	0.49 (0.25–0.98)

OR – odds ratio; CI – confidence interval; (Ref.) – reference group; – – not applicable.