Table 2 Factors associated with CS among ever-married women aged 15–49 years old with pregnancy within 3 years prior to the survey in Upper and Lower Egypt (n = 1488)

Variables	Upper Egypt		Lower Egypt	
	CS n (%)	OR (95% CI)	CS n (%)	OR (95% CI)
Age group (yr)				
15–19	18 (78.3)	9.6* (1.8–50.3)	18 (78.3)	4.5 (0.9–23.3)
20–24	80 (59.3)	3.8 (0.9–15.3)	112 (59.9)	1.9 (0.5–7.2)
25–29	99 (52.7)	2.9 (0.8–11.5)	159 (60.2)	1.9 (0.5–7.2)
30–34	86 (47.8)	2.4 (0.6–9.5)1	116 (61.1)	1.9 (0.5–7.5)
35–39	39 (39.0)	1.7 (0.4–6.8)	61(59.8)	1.9 (0.5–7.3)
40–44	20 (45.5)	2.2 (0.5–9.5)	16 (50.0)	1.3 (0.3–5.5)
45–49	3 (27.3)	1.0	4 (44.4)	1.0
Education level				
< Secondary	189 (45.9)	1.0	168 (58.3)	1.0
≥ Secondary	153 (58.8)	1.7* (1.2–2.3)	314 (61.0)	1.1 (0.8–1.5)
Occupation				
Not working	264 (51.4)	1.1 (0.8–1.6)	399 (61.5)	1.3 (0.9–1.9)
Working	81 (48.5)	1.0	87 (55.1)	1.0
Social class				
Quintiles 1–3	251 (47.4)	1.0	158 (58.7)	1.0
Quintiles 4–5	94 (62.3)	1.8* (1.3–2.7)	328 (61.0)	1.1 (0.8–1.5)
Early marriage				
No	65 (54.6)	1.0	40 (62.5)	1.0
Yes	119 (60.7)	1.3 (0.8–2.0)	214 (63.1)	1.0 (0.6–1.8)
Number of children				
None	63 (54.6)	1.8* (1.2–2.9)	40 (62.5)	1.2 (0.7–2.3)
≤ 3	182 (58.7)	1.8* (1.3 – 2.5)	354 (61)	1.2 (0.9–1.7)
>3	98 (38.9)	1.0	92 (56.4)	1.0
Chronic diseases ª				
No	285 (51.5)	1.2 (0.8–1.8)	441 (60.3)	1.0 (0.7–1.7)
Yes	60 (46.9)	1.0	45 (59.2)	1.0

*statistically significant using the χ² test, ªstatistically significant using Fisher's exact test.
CI = confidence interval; CS = caesarean section; OR = odds ratio.