

**Table 1 Factors associated with CS among ever-married women aged 15–49 years with pregnancy within 3 years prior to the survey in rural and urban areas (n = 1488)**

Variables	Rural		Urban	
	CS n (%)	OR (95% CI)	CS n (%)	OR (95% CI)
<b>Governorate</b>				
Sharkia	263 (59.8)	1.5 (0.9–2.3)	26 (53.1)	4.5 (0.9–23.5)
Ismailia	49 (49.5)	1.0	49 (67.1)	8.2* (1.6–41.5)
Behira	95 (67.9)	2.2* (1.3–3.7)	4 (66.7)	8.0 (0.8–79.7)
Menia	35 (66.0)	1.9 (0.9–3.9)	4 (50.0)	4.0 (0.5–31.9)
Assiut	201 (50.0)	1.0 (0.7–1.6)	50 (45.0)	3.3 (0.7–16.1)
Sohag	53 (54.6)	1.2 (0.7–2.2)	2 (20.0)	1.0
<b>Age groups, yr</b>				
15–19	30 (81.1)	7.3* (2.1–25.5)	6 (66.7)	5.6 (0.2–176.3)
20–24	169 (60.1)	2.6 (0.9–6.8)	23 (56.1)	3.8 (0.1–99.1)
25–29	222 (58.3)	2.4 (0.9–6.2)	36 (50.7)	3.1 (0.1–78.3)
30–34	160 (54.8)	2.1 (0.8–5.4)	42 (53.8)	3.5 (0.1–88.4)
35–39	80 (50.3)	1.7 (0.6–4.6)	20 (46.5)	2.6 (0.1–67.8)
40–44	28 (45.2)	1.4 (0.5–4.1)	8 (57.1)	3.9 (0.1–112.9)
45–49	7 (36.8)	1.0	0 (0.0)	1.0
<b>Education level</b>				
< Secondary	314 (51.6)	1.0	43 (46.7)	1.0
≥ Secondary	376 (61.4)	1.5* (1.2–1.9)	91 (55.8)	1.4 (0.9–2.4)
<b>Occupation</b>				
Not working	631 (56.4)	1.0	117 (52.9)	1.1 (0.6–2.3)
Working	65 (58.0)	1.1 (0.7–1.6)	18 (50.0)	1.0
<b>Social class</b>				
Quantiles 1–3	375 (52.6)	1.0	34 (39.5)	1.0
Quantiles 4–5	321 (62.0)	1.5* (1.2–1.8)	101 (59.1)	2.2* (1.3–3.8)
<b>Early marriage*</b>				
No	546 (57.9)	1.3 (0.9–1.7)	117 (53.2)	1.2 (0.6–2.4)
Yes	150 (52.1)	1.0	18 (48.6)	1.0
<b>No. of children</b>				
None	95 (57.9)	1.5* (1.1–2.3)	10 (52.6)	1.5 (0.6–4.2)
≤3	445 (60.7)	1.8* (1.4–2.3)	91 (58)	1.9* (1.1–3.3)
>3	156 (46.7)	1.0	34 (42)	1.0
<b>Chronic diseases*</b>				
No	610 (57.2)	1.2 (0.9–1.7)	116 (53.5)	1.2 (0.6–2.3)
Yes	86 (52.4)	1.0	19 (47.5)	1.0

\*Statistically significant using the  $\chi^2$  test, \*statistically significant using Fisher's exact test.

\*≥ 18 years old.

CI = confidence interval; CS = caesarean section; OR = odds ratio.