Table 3 Multiple logistic regression analysis of predictive factors of dysmenorrhoea among adolescent women in Sidon city, Lebanon $n = 389$

Variable	β	P-value	OR	95% CI
Age 13–15 vs 16–19 years	0.778	0.08	2.18	0.91–5.21
Duration of menses ≥ 7 vs ≤ 6 days	1.422	0.003	4.15	1.61–10.7
Length of cycle ≥ 29 vs ≤ 28 days	1.131	0.013	3.10	1.27–7.54
Menstrual experience negative vs positive	2.302	< 0.001	9.99	4.29–23.3

Model fit = 82.8%, –2 log likelihood = 147.29, χ^2 = 54.691, P < 0.001.
OR = odds ratio; CI = confidence interval.