

Table 5 Logistic regression analysis of factors affecting menstrual disorders among nursing students (n = 352)

Variable	Marital status			Residency		
	B	P-value	OR (95% CI)	B	P-value	OR (95% CI)
Irregular menstruation	0.78	0.02	2.18 (1.14-4.16)	-0.186	0.45	0.83 (0.51-1.34)
Oligomenorrhoea	-0.35	0.35	0.71 (0.34-1.50)	0.722	0.01	2.06 (1.18-3.60)
Polymenorrhoea	0.61	0.61	0.55 (0.29-1.03)	-0.144	0.57	0.87 (0.53-1.42)
Hypo- or hypermenorrhoea	-0.208	0.57	0.81 (0.40-1.66)	-0.82	0.78	0.92 (0.52-1.63)
Abnormal amount of blood loss	0.48	0.17	1.62 (0.82-3.20)	1.71	0.009	2.04 (0.92-2.40)
Dysmenorrhoea	2.19	0.001	8.93 (4.14-19.3)	1.74	0.009	2.04 (1.20-3.48)
Premenstrual syndrome	0.74	0.02	2.10 (1.11-3.92)	-0.635	0.01	0.53 (0.33-0.86)

OR = odds ratio; CI = confidence interval.