

Table 3 Logistic regression analysis of independent predictors of physical inactivity among Mansoura University students (n = 1708)

Predictor	β	P	OR (95%CI)
Sex			
Female	0.6	≤ 0.001	1.8 (1.3-2.5)
Male	-		Ref
College			
Medicine	0.6	0.04	1.8 (1.02-3.3)
Engineering	0.1	0.8	1.1 (0.6-2.1)
Physical education	-2.5	0.001	0.1 (0.0-0.4)
Education	-0.7	0.07	0.5 (0.2-1.1)
Law	0.2	0.6	1.2 (0.6-2.3)
Arts	0.4	0.2	1.5 (0.8-3.0)
Commerce	-		Ref
Membership of sports clubs			
No	0.5	0.04	1.6 (1.0-2.5)
Yes	-		Ref
Socioeconomic standards			
High	0.7	≤ 0.001	2.1 (1.4-3.1)
Middle	0.2	0.4	1.2 (0.8-1.9)
Low/very low	-		Ref
Constant		-2.7	
Model χ^2		125.3; $P \leq 0.001$	
Correctly predicted (%)		88.7	

OR = odds ratio; CI = confidence interval; Ref = reference group.