Table 5 Variables associated with symptoms of mental disorders in high-school students in Khorramabad: logistic regression analysis (*n* = 1 202)

Variable	B[a]	SE	Odds ratio (95% CI)	*P*-value
Age	**−0.285**	**0.167**	**0.75 (0.54–1.04)**	**0.087**
Grade				< 0.001
1st (freshman)	Reference			
2nd (sophomore)	0.875	0.252	2.40 (1.46–3.93)	0.001
3rd (junior)	0.936	0.393	2.55 (1.18–5.51)	0.017
Sex				< 0.001
Male	Reference			
Female	0.456	0.127	1.58 (1.23–2.02)	< 0.001
FAcademi Academic stream				0.002
General and human sciences[b]	Reference			
Mathematical sciences	−0.331	0.174	0.72 (0.51–1.01)	0.057
Empirical sciences	−0.612	0.170	0.54 (0.39–0.76)	< 0.001
Father's occupation				0.012
Unemployed	Reference			
Government employee	−0.530	0.251	0.59 (0.36–0.96)	0.035
Manual labourer or farmer	−0.907	0.280	0.40 (0.23–0.70)	0.001
Self-employed	−0.443	0.238	0.64 (0.40–1.02)	0.063
Mother's occupation				0.023
Housewife	Reference			
Government employee	−0.679	0.265	0.51 (0.30–0.85)	0.010
Manual labourer or farmer	0.498	0.459	1.65 (0.67–4.05)	0.278
Self-employed	0.236	0.269	1.27 (0.75–2.14)	0.379

[a] *Estimated regression coefficient.*

[b] *General and human sciences were combined to avoid multicollinearity in data modeling, since all students in the first year of high school are in the general academic stream. At the same time, merging these 2 categories led to better distinction between the streams for prevalence of mental disorders.*

SE = standard error of B; CI = confidence interval.