

Table 3 Final multivariable logistic regression model for shoulder soft tissue rheumatism (STR) , Lebanon, 2009

Variable	Adjusted OR (95% CI)	P-value
<i>Stress-induced sleep difficulty</i>		
No	1.00	
Yes	14.6 (4.23–50.46)	< 0.001*
<i>Residence area</i>		
Beirut/Mount Lebanon	1.00	
North	2.34 (0.63–8.69)	0.205
Bekaa	12.72 (3.1–52.2)	< 0.001*
<i>Physical activity</i>		
Yes	1.00	
No	12.57 (3.58–44.13)	< 0.001*
<i>Family history of shoulder STR</i>		
Negative	1.00	
Positive	3.34 (1.16–9.63)	0.026*
Goodness-of-fit	$\chi^2 = 50.94$	0.476

*Statistically significant, $P < 0.05$.

OR = odds ratio.

CI = confidence interval.