

Table 1. Absolute and relative frequency of demographic and contextual information characteristics of the participants (372 people)

Variables	Frequency	%
Age (year)		
15	54	14.5
16	151	40.6
17	127	34.1
18	40	10.8
Grade		
Tenth	159	42.7
Eleventh	158	42.5
Twelfth	55	14.8
Field		
Experimental science	90	24.2
Mathematics	127	34.1
Humanities	83	22.3
Vocational school	72	19.4
Father's job		
Employed	263	70.7
Unemployed	11	3.0
Retired	88	23.7
Others	10	2.7
Mother's job		
Housewife	253	68.0
Employed	99	26.6
Others	20	5.4
Father's education		
Below diploma	109	29.3
Diploma	116	31.2
University	147	39.5
Mother's education		
Below diploma	103	27.7
Diploma	149	40.0
University	120	32.3

Table 2. The factors influencing the adoption of preventive behaviors in osteoporosis in students using logistics regression test

Variables	Odds ratio	Confidence interval		Probability	p-value
		Lower limit	Upper limit		
Age (year)					
15	Ref				0.77
16	0.660	0.284	1.294	0.196	
17	1.130	0.457	2.793	0.792	
18	3.156	0.656	15.195	0.152	
Grade					
Tenth	Ref				0.122
Eleventh	0.552	0.280	1.092	0.088	
Twelfth	0.289	0.075	1.121	0.073	
Field					
Experimental science	Ref				0.447
Mathematics	0.975	0.501	1.898	0.941	
Humanities	0.591	0.287	1.216	0.153	
Vocational school	0.838	0.314	2.239	0.725	
Father's job					
Employee	Ref				0.377
Unemployed	1.995	0.469	8.491	0.350	
Retired	0.888	0.504	1.565	0.682	
Others	12.086	0.523	279.292	0.120	
Mother's job					
Housewife	Ref				0.853
Employed	1.210	0.620	2.362	0.577	
Others	0.913	0.156	5.354	0.920	
Father's education					
Below diploma	Ref				0.513
Diploma	0.640	0.288	1.419	0.272	
University	0.791	0.342	1.829	0.583	
Mother's education					
Below diploma	Ref				*0.042
Diploma	1.508	0.682	3.336	0.047	
University	2.205	0.816	5.955	0.019	
Interest in health issues					
None	Ref				0.309
Low	1.064	0.407	2.783	0.899	
Somewhat	1.832	0.817	4.108	0.142	
Much	1.035	0.442	2.426	0.937	
Very much	1.168	0.419	3.257	0.766	
Health status self-assessment					
Very good	Ref				*0.039

Good	0.670	0.379	1.186	0.037	
Moderate	0.468	0.239	0.917	0.027	
Bad	0.330	0.079	1.067	0.043	
Very bad	0.291	0.049	2.215	0.254	
Priority to ask questions regarding health and disease					
Teacher	Ref				0.617
Parents	0.183	0.017	2.003	0.164	
Physician	0.266	0.024	3.004	0.285	
Health workers	0.159	0.009	2.985	0.219	
Others	0.130	0.008	1.991	0.143	
Internet	0.168	0.015	1.869	0.147	
Books	0.165	0.006	4.595	0.289	
Constant	4.963			0.246	-

*p<0.05