

Table 2 Differences between pre- and post-intervention test scores of parents' in Shiraz according to knowledge and education district

Knowledge item/ education district/ group	No.	Pre-test score	Post-test score	Difference between pre- and post-scores
		Mean (SD)	Mean (SD)	Mean (SD)
<i>Awareness about orthodontic problems</i>				
Control group	253	12.4 (4.7)	14.1 (5.0) ^a	1.7 (4.0)
Leaflet group	280	11.4 (4.5)	14.8 (5.9) ^a	3.4 (4.9)
<i>Knowledge about referral to orthodontist</i>				
Control group	253	4.1 (1.6)	4.1 (1.5)	< 0.1 (1.8)
Leaflet group	280	4.0 (1.6)	4.1 (1.5)	< 0.1 (1.8)
<i>Total knowledge</i>				
Control group	253	16.6 (5.4)	18.2 (5.4) ^a	1.6 (4.6)
Leaflet group	280	15.5 (5.1) ^a	18.9 (6.6) ^a	3.5 (5.7)
<i>District 1</i>				
Control group	80	17.4 (5.3)	19.3 (5.4) ^a	1.9 (5.4)
Leaflet group	70	16.4 (4.9)	19.4 (6.7) ^a	3.0 (5.6)
<i>District 2</i>				
Control group	80	18.9 (5.3)	20.6 (4.7) ^a	1.7 (3.9)
Leaflet group	72	18.5 (5.2)	22.5 (6.4) ^a	4.0 (4.7)
<i>District 3</i>				
Control group	27	12.6 (3.8)	14.5 (4.3) ^a	1.9 (4.8)
Leaflet group	43	13.6 (4.9)	17.9 (6.1) ^a	4.3 (6.6)
<i>District 4</i>				
Control group	66	14.3 (4.5)	15.4 (4.8) ^a	1.0 (4.3)
Leaflet group	95	13.3 (3.8)	16.4 (5.7) ^a	3.0 (5.9)

^aP < 0.001 versus pre-test score; SD = standard deviation.