

Table 1 Orthodontic profile of boys and girls attending Shiraz University of Medical Sciences orthodontics department

Variable	Total (n = 700)		Boys (n = 309)		Girls (n = 391)		P-value (boys vs girls)
	No.	%	No.	%	No.	%	
Malocclusion (skeletal)							
Class I	126	18.0	54	17.5	70	17.9	0.25
Class II	490	70.0	224	72.5	270	69.1	
Class III	84	12.0	31	10.0	51	13.0	
Malocclusion (Angle class)							
Class I	364	52.0	147	47.6	217	55.5	0.06
Class II	228	32.6	105	34.0	123	31.5	
Class III	86	12.3	48	15.5	38	9.7	
End-to-end	22	3.1	9	2.9	13	3.3	
Growth pattern							
Normal	168	24.0	77	24.9	91	23.3	0.71
Vertical	396	56.6	169	54.7	227	58.1	
Horizontal	136	19.4	62	20.1	74	18.9	
Overjet							
Normal	364	52.0	-	-	-	-	< 0.001
Large	210	30.0	-	-	-	-	
Negative	126	18.0	-	-	-	-	
Bite type							
Normal	252	36.0	102	33.0	160	40.9	0.46
Deep bite	371	53.0	170	55.0	215	55.0	
Open bite	77	11.0	37	12.0	46	11.8	
Cross bite	252	36.0	115	37.2	137	35.0	
Other							
Oral habits	119	17.0	51	16.5	68	17.4	0.08