

Table 1 Analysis of the difference in the slopes of the trendlines for admissions for different smoking-related diseases in Kocaeli in 6-months periods before (2009) and after (2010) smoke-free legislation in Turkey

Disease	Trendline equation		<i>t</i> -value	<i>P</i> -value
	2009	2010		
Bronchitis	10 917 – 1 017(<i>t</i>)	5432 – 287(<i>t</i>)	–2.58	< 0.05
Lower respiratory tract infection	1360 – 53.0(<i>t</i>)	659 + 133(<i>t</i>)	–3.94	< 0.01
Allergic rhinitis	139 + 12.6(<i>t</i>)	68.6 + 0.26(<i>t</i>)	0.31	> 0.05
Asthma	1301 – 47.6(<i>t</i>)	1389 – 21.0(<i>t</i>)	–1.30	> 0.05
Chronic obstructive pulmonary disease	1791 – 114(<i>t</i>)	1368 – 78.0(<i>t</i>)	–1.24	> 0.05
Myocardial infarction	209 – 2.69(<i>t</i>)	175 + 5.74(<i>t</i>)	–1.12	> 0.05