

**Table 1. Prevalence rates of obesity and related risk factors in males and females aged 7–19 years: the CASPIAN-IV Study**

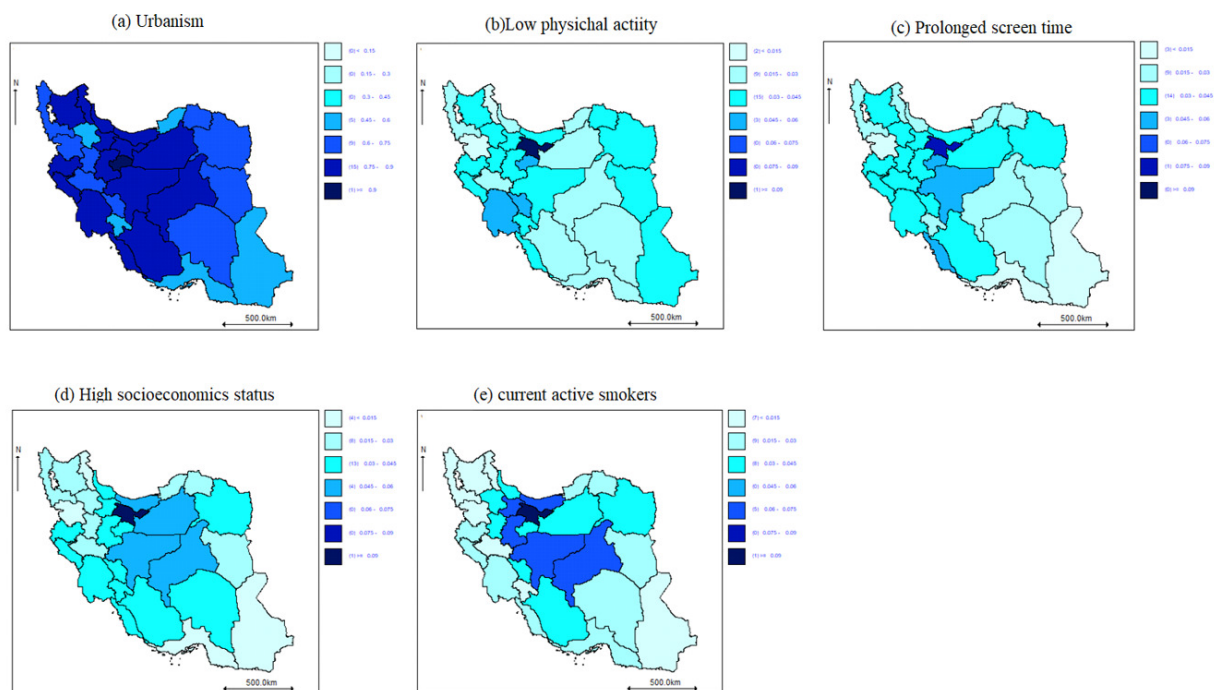
Risk factors	Female	Male	<i>p</i> *
General obesity	630(0.10)	859(0.14)	0.043
Abdominal obesity	1105(0.18)	1290(0.20)	0.023
Low physical activity	2440(0.40)	1816(0.29)	0.014
Prolonged ST	931(0.15)	1379(0.22)	<0.001
Current smoking	102(0.02)	231(0.04)	0.034
High socioeconomic status	1867(0.33)	2015(0.34)	0.143

\* $\chi^2$  test

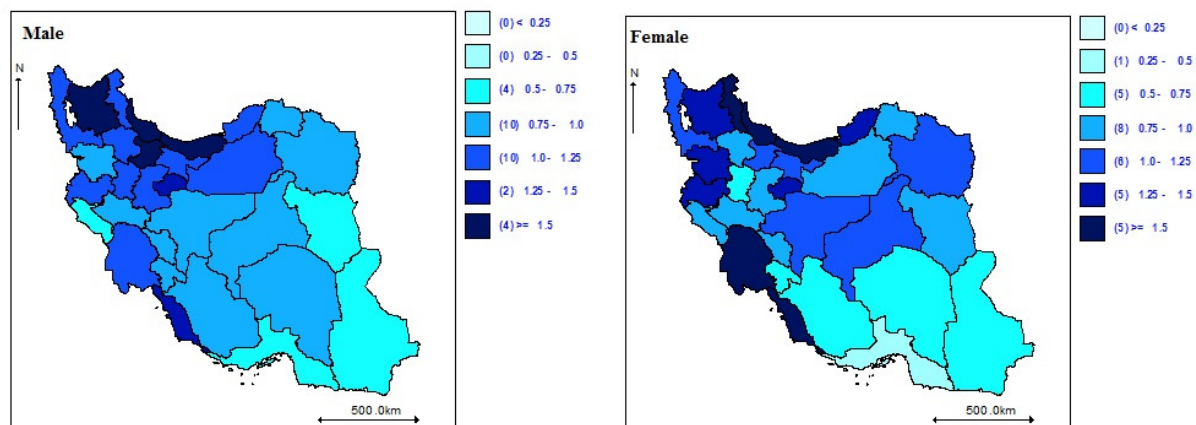
**Table 2. Association of prevalence rates of obesity and risk factors throughout 30 Iranian provinces: the CASPIAN-IV Study**

Risk factors	General obesity		Abdominal obesity	
	Male	Female	Male	Female
Living in urban area	1.33* (0.46–2.20)	2.76* (1.65–3.88)	1.34* (0.43–2.26)	1.40* (0.32–2.49)
Low physical activity	1.20 (–5.89 to 8.32)	0.06 (–10.20 to 10.83)	3.01 (–4.42 to 10.29)	2.81 (–5.75 to 11.44)
High socioeconomic status	2.78 (–3.51 to 9.09)	3.41 (–4.88 to 11.46)	5.47 (–0.56 to 11.39)	5.39 (–0.83 to 11.42)
Prolonged ST	10.50* (2.04–18.72)	2.79 (–6.54 to 12.0)	10.12* (1.87–18.45)	6.39 (–0.63 to 13.38)
Current smoking	2.18 (–3.14 to 7.44)	0.73 (–3.71 to 5.12)	6.41* (1.77–11.05)	3.14 (–0.23 to 6.41)

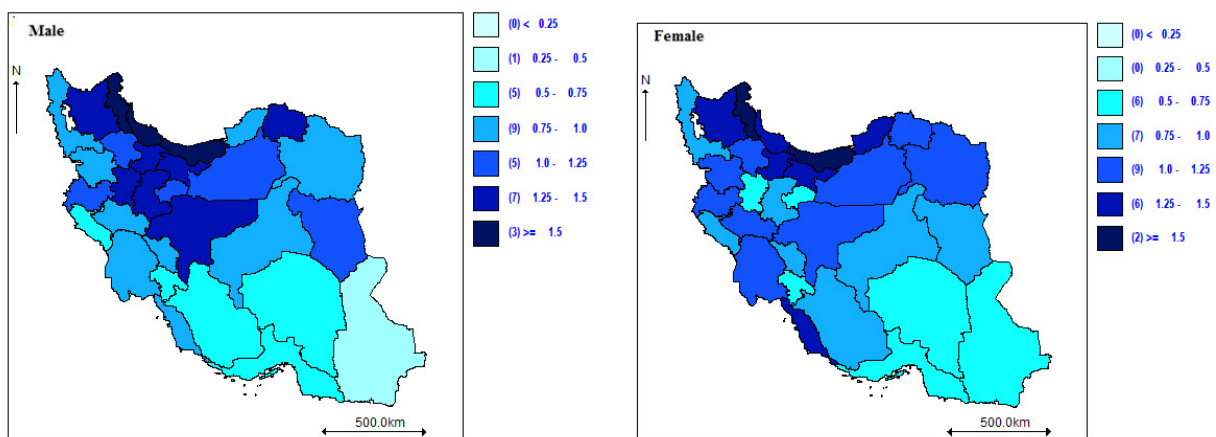
*Regression coefficients and 95% confidence intervals, in Bayesian spatial modelling. \* Statistical significance level 0.05.*



**Figure 1. Distribution of selected obesity risk factors at provincial level.**



**Figure 2. General obesity risks at provincial levels for males and females aged 7–19 years**



**Figure 3. Abdominal obesity risks at provincial levels for males and females aged 7–19 years.**