

Table 2 Logistic regression of the determinants of hypertension among adult participants, Ardabil, Islamic Republic of Iran

	Odds ratio	
	Crude (95% CI)	Adjusted (95% CI)
Age group (ref. 35–45)		
46–55	3.70 (3.33–4.10)*	3.52 (3.16–3.92)*
56–65	9.53 (8.57–10.61)*	9.16 (8.14–10.3)*
≥66 years	14.23 (12.05–16.80)*	14.26 (11.88–17.10)*
Sex (ref. female)		
Male	1.81 (1.69–1.94)*	1.68 (1.52–1.85)*
Marital status (ref. single)		
Married	1.16 (2.87–7.64)*	1.99 (1.19–3.31)*
Divorced/Widowed	11.16 (6.78–18.38)*	2.12 (1.26–3.59)*
Years of schooling (ref. illiterate)		
Primary (1–5 years)	0.44 (0.40–0.48)*	0.87 (0.79–0.97)*
Intermediate (6–9 years)	0.28 (0.25–0.32)*	0.81 (0.70–0.93)*
Secondary (10–12 years)	0.26 (0.23–0.29)*	0.84 (0.73–0.97)*
Academic (≥13)	0.25 (0.22–0.28)*	0.93 (0.78–1.12)
Smoking status (ref. non-smoker)		
Smoker	0.78 (0.71–0.86)*	1.00 (0.89–1.32)
BMI (ref. underweight)		
Normal weight (18.5–24.9)	1.89 (0.88–4.09)	1.95 (0.89–4.29)
Overweight (25–29.9)	4.16 (1.94–8.90)*	4.07 (1.87–8.87)*
Obesity (>30)	7.80 (3.64–16.70)*	6.42 (2.94–13.98)*
Socioeconomic status (ref. richest)		
Poorest	2.16 (1.94–2.44)*	1.10 (0.94–1.29)
Poor	2.16 (1.92–2.41)*	1.15 (1.10–1.34)*
Middle	1.64 (1.46–1.84)*	1.14 (1.04–1.32)*
Rich	1.35 (1.19–1.52)*	1.07 (0.93–1.24)

* $P < 0.05$