

Table 1 Participants' characteristics and prevalence of hypertension, Ardabil, Islamic Republic of Iran

| | No. (%) | Prevalence of hypertension | |
|-----------------------------|--------------|----------------------------|-----------------------|
| | | Crude (95% CI) | Age-adjusted (95% CI) |
| Age group | | | |
| 35-45 | 7975 (39.0) | 6.7 (6.2-7.3) | 5.9 (5.4-6.4) |
| 46-55 | 7425 (36.4) | 21.1 (20.20-22.1) | 21.6 (20.7-22.5) |
| 56-65 | 4247 (20.8) | 40.8 (39.4-42.4) | 42.1 (40.5-43.6) |
| >66 years | 772 (3.8) | 50.7 (47.2-54.3) | 51.04 (46.7-55.3) |
| Sex | | | |
| Male | 9358 (45.8) | 25.1 (24.3-25.9) | 32.5 (31.4-33.7) |
| Female | 11061 (54.2) | 15.6 (14.8-16.3) | 19.8 (18.7-20.9) |
| Marital status | | | |
| Single | 341 (1.67) | 4.9 (3.1-7.9) | 11.7 (8.5-15.9) |
| Married | 18573 (90.9) | 19.7 (19.1-20.3) | 25.2 (24.3-26.1) |
| Divorced/Widowed | 1505 (7.4) | 36.9 (34.5-39.4) | 32.2 (30.1-34.4) |
| Years of schooling | | | |
| Illiterate | 3529 (17.3) | 38.4 (36.8-40.1) | 30.3 (28.8-31.7) |
| Primary (1-5 years) | 6583 (32.2) | 21.6 (20.6-22.6) | 26.2 (24.7-27.8) |
| Intermediate (6-9 years) | 3553 (17.4) | 15.1 (13.9-16.2) | 23.9 (21.2-26.8) |
| Secondary (10-12 years) | 3948 (19.3) | 13.9 (12.9-15.2) | 24.1 (21.7-26.7) |
| Academic (≥ 13) | 2806 (13.7) | 13.4 (12.2-14.7) | 22.3 (19.9-24.9) |
| Smoking status | | | |
| Smoker | 3291 (16.1) | 17.4 (16.2-18.8) | 20.1 (18.5-21.7) |
| Non-smoker | 17128 (83.9) | 21.4 (20.7-22.0) | 27.6 (26.7-28.5) |
| BMI | | | |
| Under weight (<18.5) | 144 (0.7) | 4.8 (2.3-9.9) | 6.3 (3.5-11.2) |
| Normal weight (18.5-24.9) | 3154 (15.4) | 8.8 (7.9-9.8) | 13.8 (12.2-15.6) |
| Overweight (25-29.9) | 8465 (41.5) | 17.5 (16.7-18.3) | 23.4 (22.2-24.6) |
| Obesity (>30) | 8656 (42.4) | 28.5 (27.5-29.4) | 33.8 (32.5-35.1) |
| Socioeconomic status | | | |
| Poorest | 4082 (20.0) | 25.8 (24.5-27.2) | 28.4 (27.1-29.8) |
| Poor | 4076 (20.0) | 25.6 (24.3-27.1) | 27.8 (25.8-29.7) |
| Middle | 4099 (20.1) | 20.7 (19.5-22.1) | 27.7 (25.8-29.7) |
| Rich | 4072 (19.9) | 17.7 (16.6-18.9) | 25.7 (23.7-27.8) |
| Richest | 4090 (20.0) | 13.7 (12.7-14.8) | 19.9 (17.9-22.0) |