

Supplementary Table 1: List of variables considered for the study

Study variables	Description and categories
Outcome Variable	<p>Blood pressure of the study participants (0=normal blood pressure; 1= hypertension).</p> <p>Definition of Hypertension:</p> <p>JNC7: A person having SBP ≥ 140 mm Hg or DBP ≥ 90 mm Hg or a person is taking any prescribed drugs to control raised blood pressure irrespective of the blood pressure level.</p> <p>2017 ACC/AHA: A person having SBP ≥ 130 mm Hg or a DBP ≥ 80 mm Hg or a person is taking any prescribed drugs to control raised blood pressure irrespective of the blood pressure level.</p>
Explanatory Variables	
Age	Age of the study participants in years (0= 18-29 years; 1= 30-49 years; 2= 50-69 years; 3= ≥ 70 years).
Sex	Sex of the study participants (0=female; 1= male).
Overweight/obesity	Presence of Overweight/obesity in the study participants measured by body mass index (BMI) in kilogram/ meter ² [0= No (BMI<25 kg/m ²); 1= Yes (BMI \geq 25 kg/m ²)]
Education	Education level of the study participants (0 = no formal education; 1 = primary; 2= secondary; 3=college or higher).
Household wealth status	Household wealth quintile (0 = poorest; 1 = poorer; 2 = middle; 3 = richer; 4 = richest).
Place of residence	Type of the cluster (0= urban; 1 = rural).

Province of residence	Province of residence of the respondents (0= Province 1; 1= Province 2; 2= Province 3; 3= Province 4; 4= Province 5; 5= Province 6; 6= Province 7)
Ecological zone of residence	Topological zone of residence of the respondents in Nepal (0= Mountains ; 1= Hills; 2= The Terai (Plain Land))
