Reviewer's report

Title: Risk Factors of Hypertension among Adults Aged 35-64 Years Living in an Urban Slum Nairobi, Kenya

Version: 2 Date: 22 August 2015

Reviewer: Ha Do

Reviewer's report:

1. Major Compulsory Revisions (which the author must respond to before a decision on publication can be reached)

The sampling procedure should be described in more details to indicate that the selected participants was representative of the studied population. The authors should introduce the datasets from 2 previous surveys that was used to select the participants for the present study to show that they were appropriate to use as sampling frames for the current survey. It was also not clear how the participants were selected, directly select participants or select households first then participants.... The results part showed that the studied population included 42% men and 58% women so the question raised about the representativeness of selected sample.

2. Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

2.1. Height was measured to the nearest 0.5 cm and weight was measured to the nearest 0.5kg seems too big to have required accurate data. Resting enough time before taking blood pressure measurement is required but not mentioned in the measurement part.

2.2. Awareness and control of hypertension, wealth index, "current" use of hypertensive medication need to be defined in the Methods.

2.3. In discussion, the authors should discuss why the investigated lifestyle factors such as alcohol intake, smoking, vegetable and fruits were not found as risk factors of hypertension in this population. Other diet factors, especially salt intake which play important role in hypertension but not investigated needs to be mentioned in the discussion and the limitation of the study.

2.4. In conclusion: The conclusion should mention the main findings observed of the study. "Early identification of the risk factors associated with hypertension presents an important opportunity for primary prevention that emphasizes lifestyle changes to curb and the onset of hypertension" is not the finding of this study.

2.5. Typo errors: line 107, 108, 142, 225. Table 1: title of the first column is missing.

Level of interest: An article whose findings are important to those with closely
related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests