Reviewer's report

Title: Assessment of hypertension in northern Angola. Implications for one of the fastest growing economies in the world

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Reviewer: Fangjian Guo

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This manuscript uses data from a recent community-based survey of 1464 adults to assess hypertension prevalence in urban Dande, Northern Angola. The authors correctly applied statistical analysis methods in calculating the hypertension prevalence, and comparing the prevalence in different age and sex groups. Post stratification survey weights were appropriately used for estimating hypertension prevalence and conducting all tests of significance.

This study brings insights into hypertension prevalence in Angola, and raises the importance to implement public health policies to promote primary prevention, accurate diagnosis and access to effective treatment options for hypertension in Angola. However, we should note that this survey was conducted in the urban area, and may not be representative of the actually situation in Northern Angola.

Following is my comments for the authors:

- Major Compulsory Revisions

1. The aim of the study was to estimate the prevalence of hypertension, awareness, treatment and control in Dande, Northern Angola. However, the authors only mentioned briefly about the awareness, treatment and control in the Results part. In the third paragraph of the Result part, the authors incorrectly cited Figure 2 for the control of hypertension.

My suggestions for the authors are:

a) Report and compare the awareness, treatment, and control of hypertension in different age-sex groups, and b) analyze the associated factors for the awareness, treatment, and control of hypertension. The data may be presented as Tables, or visualized with Figures.

2. In the fifth paragraph of the Methods part, WHO BMI criteria for obesity should be BMI #30 kg/m². The authors may need to reanalyze the association between obesity and hypertension prevalence.

3. In Table 1 and 2, the authors omitted 10 years of education. The authors should include participants who had 10 years of education, or provide justification for removing these participants for analysis.
4. The authors only compared hypertension prevalence in different age and sex groups in Northern Angola with that in other South African countries. Further comparison with countries in other continents, such as North America, and Europe, may provide more interesting information for the readers.

**Level of interest:** An article of outstanding merit and interest in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.