Reviewer’s report

Title: Prevalence and Correlates of Diagnosed and Undiagnosed Hypertension in the Indigenous Kuna Population of Panamá

Version: 0 Date: 19 Apr 2019

Reviewer: Felipe Tavares

Reviewer's report:

This is an epidemiological study entitled "Prevalence and Correlates of Recognized and Unrecognized Hypertension in the Indigenous Kuna Population of Panama". The paper addresses a topic relevant to Public Health, discussing the health of indigenous peoples in Latin America.

It presents updated bibliography on the subject and that dialogues with the results of the study.

However, in my opinion, some weaknesses have been observed and deserve to be better presented:

Methodology:

In this section I suggest that the criteria applied in the statistical analyzes, especially for the Logistic Regression model, be better described. In this way, I suggest to present the criteria used to maintain the variables in the adjusted model as well as the method used to withdraw or include the variables throughout the analysis process, since many variables presented in tables 4 and 5 were not statistically significant.

Results

In the Results section, I suggest reviewing the formatting of all tables, which are in frame format. In addition, all titles of the tables should be reviewed, including information on the results presented, population and year of data collection. Present in the note of the tables which statistical tests were applied in the analysis.

In table 1: Given the difference between sex categories, I suggest that all demographic variables be described by sex.

To present justification for not having adjusted the model for the diagnostic variable of hypertension above 140 / 90mmHg or to present this model and include it in the paper.
Considering the points listed above, I suggest that the article be reviewed by the authors and a new submission be made.

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

Declaration of competing interests

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