Reviewer’s report

Title: Trauma burden in Tanzania: A one-day survey of all district and regional public hospitals

Version: 0 Date: 22 Jun 2017

Reviewer: Kehinde Oluwadiya

Reviewer's report:

This manuscript addresses an important aspect of trauma epidemiology in Tanzania. It uses an ingenious and cost effective way to capture data from rural areas of the country.

The authors need to address the following issues:

Please change all instances of RTA to RTC. The preferred nomenclature is Road traffic Crash and not Road traffic accidents.

Study protocol

This section needs more details.

The first sentence says that data collection was done by the authors, but what does this really mean? Who fills the data collection sheets?

Statistic section Pg 6, Line 46-47

"Procedure, frequency and univariate functions were performed to check for any outliers and clean the dataset": What does the authors mean by procedure? Is it a function in SAS?

Table one is too complex, and is actually a combination of multiple tables. A table should have only one header. This one has three. please see the attached document for a format the authors can adapt.

Wrong use of Confidence Interval
There is no need for Confidence Interval columns in the tables, since these are simple frequency distribution tables. Confidence intervals are needed for means and inferential statistics.

Table 3

Since this is a comparison of mechanism of injury by age group, the authors should do a chi-square test to show whether these differences are statistically significant.

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

Yes

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.

Yes

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 am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal