**Reviewer’s report**

**Title:** Malignant Tumours in Urban Ghana: Evidence from the City of Kumasi

**Version:** 2 **Date:** 30 Jan 2019

**Reviewer:** Research Square

**Reviewer's report:**

"STATISTICAL REVIEWER ASSESSMENT:

Is the study design appropriate for the research question (considering whether the analyzed population accurately reflects the design and whether you see any problems with control/comparison groups, e.g., likely confounders)?

Yes - overall design, population, and control groups are appropriate

Are methodologies adequate and well implemented (considering whether assumptions are addressed and whether analyses are robust)?

No - there are minor issues

Are the analyses adequately communicated (considering whether reporting details are adequate and whether figures and tables are well labeled and described)?

No - there are minor issues

Does the interpretation accurately reflect the analyses without overstatement (considering whether limitations/bias are acknowledged and whether accurate descriptors, e.g., 'significant', are used)?

Yes - interpretation accurately reflects analyses, limitations/bias are acknowledged, accurate descriptors are used

Could an appropriately REVISED version of this work represent a statistically sound contribution?

Probably - with minor revisions

**STATISTICAL REVIEWER COMMENTS:**

Study design and statistical methods are mostly appropriate but there are a few areas in need of improvement.
REQUESTED REVISIONS:

The authors mention, ""Aggregated data for the years 2013 and 2014 were also analysed for trends in cancer incidence and ASR."" in the methods section. However, the authors have not presented this data.

Figure 1 is not particularly useful unless the data is reported along with cancer incidence. What is estimated population of Kumasi for 2015?

ADDITIONAL REQUESTS/SUGGESTIONS:

Sentence formation could be improved in a few places to improve the overall quality of the manuscript.

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.

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
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