**Reviewer’s report**

**Title:** Mapping Cancer Incidence Across Western Victoria: The Association with Age, Accessibility, and Socioeconomic Status Among Men and Women

**Version:** 0  **Date:** 12 Jul 2019

**Reviewer:** Hongmei Zeng

**Reviewer's report:**

The study used data on cancer incidence in Victorian Cancer Registry and explored the association of age, ARIA and area-level socioeconomic stausts with cancer incidence. There areseveral factors that the authors need to consider to strengthen the manuscript.

1. In the discussion part, the authors stated that VCR is the most comprehensive and reliable cancer registry in the state, but they did not provide any quality control indicators of the VCR data. It is better to add the MV%, DCO%, M/I, etc indicators in the paper so that we may have an overall evaluation of the data quality.

2. The paper reported 95% CI of cancer incidence, but they did not report how they calculated the Confidence interval. Please explain this in the statistical analysis section.

3. The study found LGAs scored as less accessible and more remote were associated with higher cancer incidence. They stated that these results colletate with the current available literature but no references were shown. Could the authors made further potential explanations on this finding? Why people in those areas had higher cancer incidence?

**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.

No

**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 am able to assess the statistics

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

Not suitable for publication unless extensively edited

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