Author’s response to reviews

Title: SPATIAL ANALYSIS OF THE DEATH ASSOCIATED FACTORS DUE ORAL CANCER IN BRAZIL: AN ECOLOGICAL STUDY

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Cover letter

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SPATIAL ANALYSIS OF THE DEATH ASSOCIATED FACTORS DUE ORAL CANCER IN BRAZIL: AN ECOLOGICAL STUDY

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We would like to thank the reviewers for their suggestions and inform that all considerations based on their reports, and your own assessments as Editor were appropriate in the text, as described in this cover Latter.
The authors incorporated most of this reviewer’s comments in the revised manuscript. The following are remaining issues:

1) Declarations Heading

Please note that all manuscripts must contain all the following sections under the heading 'Declarations'. The Declarations should follow the Conclusions section, and be before the References.

Ethics approval and consent to participate
Consent for publication
Availability of data and material
Competing interests
Funding
Authors' contributions
Acknowledgements

R: We would like thanks. We appreciate the suggestion and modify the text to include this suggestion. We added these items follow the Conclusions section, and be before the References.

2) Consent to Participate

Please note this section should be incorporated within the ethics section, under the heading 'Ethical Approval and Consent to Participate'. As consent to participate is not applicable for this paper, only the heading is needed.

R: The suggestion is relevant and we made additions in Ethics approval: “Ethics approval and consent to participate”.
3) Map Source

Please state in the point-by-point response letter whether the map depicted in figure 1, 2 and 3 is your own or taken from another source. If taken from another source please acknowledge the source in the figure legend, and if it is under copyright also state the written permission given to use and adapt it. If the above conditions are not met the image needs to be removed. Please note the editors may request proof of permission at any time. Should you require an alternative source you may wish to try Wikimedia Commons: http://commons.wikimedia.org/wiki/Main_Page

R: The maps depicted in figure 1, 2 and 3 are our own. The maps comes from the output of the spatial data analysis of this work carried out through GeoDa 0.95-I software. So, spatial analyzes were performed by GeoDa 0.95-I software used and the output were illustrated by spatial distribution of OC mortality rates to age ≥ 40 years in the maps. Univariate exploratory analysis of the spatial data was performed for global spatial autocorrelation investigation of the OC mortality rates in the Brazilian FU's by Moran index I, under the assumptions of normality and randomization [Druck et al., 2004]. The distribution of values of the Moran index varies between -1.0 and +1.0 and it tests areas connected to the greater reality for the studied indicator, than it would be expected in a random pattern. So, spatial autocorrelation measures how much close objects are in comparison with other close objects using Moran’s I index that can be classified as positive, negative and no spatial autocorrelation.


4) Figure Legends

Please provide figure titles/legends under a separate heading of 'Figure Legends' after the References. If Figure titles/legends are within the main text of the manuscript, please move them. Figure files should contain only the image/graphic, as well as any associated keys/annotations. If titles/legends are present within the figure files, please remove them. Figures should be provided as separate files, and each figure of a manuscript should be submitted as a single file. Please ensure that all figures/tables and supplementary files are cited within the text. Any items which are not cited may be deleted by our production department upon publication.
R: Thanks for your observation. We provided figure titles/legends under a separate heading of 'Figure Legends' after the References, as suggested.

5) Clean Manuscript

At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files.

R: Thanks. We have made the necessary adjustments.

Feel free to make additional suggestions and contributions.

Best wishes,

Gisele Pedroso Moi