Reviewer’s report

Title: Cardiovascular mortality and risk behaviours by degree of urbanization before, during and after the economic crisis in Spain

Version: 0 Date: 18 Jun 2019

Reviewer: Eunice Lobo

Reviewer’s report:

The paper draws attention to a largely neglected or untapped area of comparison. Disparities between geographic locations, especially urban-rural need more attention and focus. The authors have done a great job in defining the differences, and further explaining the same among men and women. Smoking, obesity, and physical inactivity are usually perceived as issues plaguing the urban populace, but the authors have helped reduce the blur.

Definition of premature death - have the authors considered the average life expectancy of the Spanish population, and defined premature death?

Obesity definition: Reason for ≥30 kg/m² as cut-off - has any standard reference e.g. WHO standards been used? Please explain and provide reference for the same.

Page 6 - results: % values should be added especially in statements with comparisons

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

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