Reviewer’s report

Title: The Price of Personal Mobility: Burden of Injury and Mortality from Personal Mobility Devices in Singapore - a Nationwide Cohort Study

Version: 0 Date: 26 Dec 2018

Reviewer: Lucie Laflamme

Reviewer’s report:

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Thank you for giving me the opportunity to review this paper.

The study investigates the risk of severe injuries associated with personal mobility device in Singapore.

The study is essentially descriptive but well conducted and informative. The reasons for doing the study are clearly presented (including reference to the relevant literature) and so are the methods and the results section.

The discussion of the paper leaves a bit to be desired.

First paragraph - The tile promises more than the paper provides. If the study is on "personal mobility", one could claim that comparison of the results with other studies considering other "specific types of PMDs" actually is relevant, not least if the interest is individual attributes. My point is that, under the umbrella of "personal mobility", gaining knowledge on those riders of PMDs sustaining severe injuries across studies is an information of interest. Are they always the same or do they differ?

Fourth paragraph - The explanations as to why "old age" is associated with higher admission injuries are very limited and no references on the topic of RTI severity and age appear. There is a body of knowledge on that topic that must be taken into consideration and explanations relate not only to the risk of crash but also that of being more severely injured because of a crash or taking more time to recover. This having been said, the age group 60+ is a very broad category if specific explanations are to be raised, including musculoskeletal disorder.

Fifth paragraph - lacks references.

Seventh paragraph - as the study is on severe injuries, mentioning under-reporting of non-severe injuries as a limitation ins not relevant - this is not what the study is about. Rather, the limitation would be that the pattern seen in here may not fully apply to less severe injuries.
Conclusions

The conclusions are a mix of "answers to the research questions", "explanations to the answers" and "what future studies are needed". The last two points do not really belong to the conclusion and are not supported by the data at hand. Eventually, they can be moved to the discussion.

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.

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
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Needs some language corrections before being published

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