Reviewer’s report

Title: Mobility Patterns and Associated Factors among Pregnant Internal Migrant Women in China: a Cross-sectional Study from a National Monitoring Survey

Version: 0 Date: 06 Sep 2017

Reviewer: Mohammad Islam

Reviewer’s report:

The paper needs substantial revisions. I cannot recommend the current manuscript for publication without major revision. I would recommend the authors to revise and resubmit the manuscript.

Following the purpose (P.4, Line 88-89) of the study (to analyze mobility patterns in China's internal migrant population during pregnancy, factors associated with mobility during pregnancy) the conclusions are not drawn adequately in the manuscript (line 373-375).

It has been mentioned that only a few studies have explored mobility during pregnancy among internally migrant population in developing countries (line 85-86, p.4) but authors did not mention any references of the studies.

Based on previous research (P.4, Line 93-94) conducted in the developed world as mentioned by the authors, I think the logic is not clear enough to assume that there is a higher percentage of mobility among migrants in China during pregnancy than at other times.

As the study focused on pregnant women it would be better to include women aged 15-49 rather than 15-59 (P. 5, Line 117) considering the reproductive span.

The focus of the paper should be mobility patterns and its associated factors during pregnancy rather than measuring status of social integration (P. 8, Line 194).

While referring the study is the first in nature from a developing country I think it's better to refer China instead of developing countries.

Abstract should be revised. Conclusions in the abstract are not clear.

Language editing of the manuscript is required.

Regarding the availability of data and material it was mentioned that data are open to research institutions under some restrictions (P. 17, Line 397-400). What are the restrictions? It should be clear whether any foreign research institute or researcher also can avail such data for analysis.

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.

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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