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: 01 Aug 2017

Reviewer: Hamideh Bayrampour

Reviewer’s report:

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Thank you for the opportunity to review this article. Overall, this is a nicely written article however its relevance to the perinatal health is not clear. A more coherent background can improve the manuscript.

As stated by the authors the aim of this study was to analyze mobility patterns in China's internal migrant population during pregnancy and factors associated with mobility during pregnancy. Can you please elaborate on the significance of this topic and provide background information to support the research objectives? Overall the concepts presented in the background section needs to be connected and flow. For example in the background section the authors noted that "women with higher levels of social integration stay in receiving areas and deliver there; and that those with lower levels of social integration are more likely to return to and deliver in the sending area." Can the authors further explain why this is important and how it informs the research objectives?

The definitions of "migrant" and "mobility" are not clear. What are the rationales for these classifications?

Findings should be interpreted with a clinical lens. Because some of the findings, are statistically significant but clinically are not considerable. For example, the mean differences for maternal age across different categories are highly significant but the mean age is between 25-27 years (Table 1).

It would be helpful if some data regarding characteristics of receiving and sending areas were presented, particularly because more women deliver in receiving area than sending area (page 14, line 304-308). The implications of the findings should be specified.

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.

Unable to assess

**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:

Acceptable

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