Reviewer’s report

Title: High risk pregnancy associated perinatal morbidity and mortality: A second birth population-based survey in Huai’an in 2015

Version: 0 Date: 29 Oct 2018

Reviewer: Jonggyu Baek

Reviewer's report:

This is a well-written manuscript and I agree that this study would provide valuable information for cross-sectional changes and improvement in maternal-fetal and neonatal care in China since 2010. Although I would be more interested in a longitudinal analysis since 2010, I don't have any major comments in the current manuscript. Just a few minor comments are

* A typo %0 should be corrected through the manuscript.

* Sex may be a better term than gender in the current manuscript.

* On page 7, "Similarly, the rate of fetal death/stillbirth demonstrated a nearly 30% decline in 2015 (2.8% vs. 3.9%)". It is 1% decline of fetal death/stillbirth since comparisons are made over time. Otherwise, the interpretation should be changed in terms of "relative" rate.

* In Tables, it is not clear how low birth weight is defined. Throughout tables, the cut-off for low birth weight should be clarified.

* On page 8, "It is obvious that young mother with age <20 years were more likely than older mothers to have preterm and very low birth weight infants". It seems not obvious to me. Table 6 shows that mothers with age > 35 are more likely to have preterm compared to those with age <20.

* The term for multivariate should be changed to multivariable. Multivariable model often indicates when there is more than one outcome variable (e.g., longitudinal outcomes).

* In the discussion on page 10, "However, in the former group, the absolute number of ....., regular and high-quality prenatal visits during pregnancy." Comparison with the absolute number of infants with adverse perinatal-neonatal outcome is meaningless and depends totally on the size of the study population. If the authors try to emphasize that the outcome without pregnancy complications should not be underestimated, then the different control group (or comparison group) should be mentioned.
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

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?
If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal.