Reviewer’s report

Title: Health status in a transitional society: urban-rural comparisons from a dynamic perspective in China

Version: 1 Date: 31 May 2018

Reviewer: Bin Yu

Reviewer’s report:

1. Language needs improvement.

Here are some examples:

Page 4 line 9: "would focus on" should be "have focused on".

Page 4 line 17: "kept watch especially"

Page 5 line 32: "only in a higher level of income and education could urban residents get the same unite increment as rural residents in health" was not clear.

Page 5 line 6: "related perceptive stress" is what related?

Page 6 line 32: "related longitudinal analytical methods" may be removed.

Page 7 line 51: What did authors mean by "rewarding tries"?

Page 13 line 12: "selection" ☐ "options", and usually we use 1=very poor, 2=poor xxx.

2. I still do not agree with the authors about the definition of longitudinal studies. But it is not a core part of the study. Authors may need to go through the paper, and check the appropriateness of using the term.

3. Page 6: Authors introduced several different methods of APC model, but did not justify why HAPC-CCREM was adopted. I think the other methods can also be used to investigate repeated cross-sectional surveys, and solve the collinearity problem. Please briefly explain the reason why this one was used not the others. Plus some explanations in page 7 did not provide evidence to defend the appropriate use of HAPC-CCREM.

4. Why authors used age2 in the model?

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