Reviewer’s report

Title: The association between tuberculin skin test result and active tuberculosis risk of college students in Beijing, China: a retrospective cohort study

Version: 2 Date: 24 Jun 2019

Reviewer: Sheng-Yuan Ruan

Reviewer's report:

Thank you for your responses. I have three questions for the revised manuscript.

#1. (Page 5 Line 134) The authors stated that "few" students received LTBI treatment. Please report the number of treated cases and TST results of them. Are these treated students all with TST induration > 2cm? If that is the case, the risk of active TB for those with TST >2 cm might be underestimated in this study. Please comment on this.

#2. (Page 5 Line 137) "the students who had TB symptoms would be reported to BCITPT by head teachers of classes". Does it mean that teachers were responsible for the TB case identification? Have they been qualified for doing this work?

#3. (Page 8 Line 218-220) "As indicated in Figure 2, the distribution of the absolute risk of active TB of different induration sizes had similar features." I'm confused with this sentence. Could the authors explain it to me?

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.

Yes
I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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