Author's response to reviews

Title: Regional differences in diabetes prevalence and awareness between coastal and interior provinces in China: a population-based cross-sectional study

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Author's response to reviews: see over
Dear Ms Audrey Ann Reyes

Thank you very much for your comments and suggestions.

We have revised the manuscript, according to the comments and suggestions of reviewers, and responded, point by point to, the comments as listed below.

I would like to re-submit this revised manuscript to *BMC public health*, and hope it is acceptable for publication in the journal.

Looking forward to hearing from you soon.

With kindest regards,

Yours Sincerely

Prof. Qiuhe Ji
Replies to Reviewers and Editor

First of all, we thank both reviewers and editor for their positive and constructive comments and suggestions again.

Replies to Reviewer Feng Ning:
None
Replies to Reviewer Hang Li:

Discretionary Revisions
In Background part: The sentence “Among multiple factors that affect the incidence of diabetes, family history…” looks like little relation with the context.
Answer: Thanks for your suggestion. We have deleted the sentence which had little relation with the context as you mentioned.

In Conclusion part: “In addition, we found family history of diabetes was the only risk factor independently associated with diabetes awareness in China”, whether it is appropriate to use the data in this paper to represent “China”.
Answer: Indeed, it is not appropriate to use it to represent “China”, so we have corrected it.

In footnote of Table 3, whether the “ethnics”, “education”, and “yearly family income” should be added before “alcohol drinking, and physical activity in Fujian were not significantly associated with diabetes prevalence and were not included in the final model”.
Answer: We have modified the sentence in footnote of Table 3 to avoid misunderstanding.

Minor Essential Revisions
In Results part: in 2nd paragraph, “Diabetes awareness for total population and female…”, the “female” should be changed to “male”.
Answer: We have corrected it.

In Table 1, “%” should be added in “family history of diabetes” in “Shaanxi” column, and “0 of number of metabolic risk factors” in “Fujian” column.
Answer: We really appreciate your carefulness. And we have corrected it.

Major Compulsory Revisions
None