

Manuscript ID BMJ.2018.045335.R1 entitled "Mortality risk and burden associated with ambient temperature: time-series study in 272 Chinese cities"

Dear Editors

We appreciate the generous comments and suggestions of the editors and reviewers on our manuscript. We have revised the manuscript fully according to the comments of the third reviewer.

Reviewer: 3

Recommendation:

Comments:

The authors have adjusted their manuscript to reply to the reviewers' comments. There are a couple of very minor points that I believe need addressing, which would help with the interpretation of the paper:

1) The causes of death analysed are in some cases subsets of each other. However currently it is not clear which are subsets of which. This is important when aiming to understand total numbers (as they appear in the first paragraph of the Results) as well as Tables (Tables 1 and 2 for example). Please can these results be adjusted to reflect which of these causes of death are subset of which.

Reply: Thanks for pointing out this issue. In our study, CVD includes CHD and stroke; stroke includes ischemic stroke and hemorrhagic stroke; and

respiratory disease includes COPD (see lines 124-125 in the Data Collection Section). We further added the term “overall” when presenting the statistics of deaths due to CVD, stroke and respiratory diseases (see lines 241-244 in the Descriptive Statistics Section and in all places relevant). We also added this information in the footnotes of Tables 1 and 2.

I am also assuming that there are single causes of death (instead of one individual having multiple). In any case, please clarify this in the text and adjust throughout the manuscript.

Reply: The cause of death in our study was based on the sole primary diagnosis coded by the 10th revision of the International Classification of Disease. Please refer to lines 117-119.

2) The term MMP is used in the text but is only defined in Table 2. Please define in the text at the first time it is used.

Reply: We defined the term in lines 269-270.

Otherwise, I think the authors have done a very good job presenting their results.

****Information for submitting a revision****

Deadline: Your revised manuscript should be returned within one month.

Reply: We have prepared the manuscript according to the journal's

requirements.