**Author’s response to reviews**

**Title:** Item response analysis of the Geriatric Anxiety Inventory among the elderly in China: Dimensionality and differential item functioning test

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**Author’s response to reviews:**

We are very glad about the conditional acceptance by BMC Geriatrics, and have carefully revised the manuscript (BGTC-D-19-00037-R3). The major revisions made in the revised manuscript were listed as follows:

Comment 1. Please represent authors' names using their full initials, not their full name, in the Authors’ Contributions section. If there are any duplicated initials, please differentiate them to make it clear that the initials refer to separate authors.
Response: Thanks a lot for the suggestion. We have replaced authors’ full name with their full initials.

Comment 2. Figures should be provided as separate files, and each figure of a manuscript should be submitted as a single file.
Response: Thank you very much. We have separated figures from the manuscript.

Comment 3. Please provide figure titles/legends under a separate heading of 'Figure Legends' after the References. If Figure titles/legends are within the main text of the manuscript, please move them.
Response: Thanks a lot. We have added figure titles under a heading of “Figure Legends”.

Comment 4. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files. Please ensure that all figures, tables and additional/supplementary files are cited within the text.
Response:
Thank you very much. Following the instruction, we have carefully prepared the manuscript for resubmission.

We wish to thank you again for all the insightful comments. We now feel the manuscript is sharper and much improved as a result. We trust that the revised manuscript is suitable for publication.