Author’s response to reviews

Title: Sex differences in the prevalence and adverse outcomes of sarcopenia and sarcopenic obesity in community dwelling elderly in east China using the AWGS criteria

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Response to editor

-It has come to our attention that within your manuscript there is some text overlap with other publications, particularly:

Please re-phrase this section in your own words to avoid direct overlap.

4th page of discussion, lines 10-13:

Answer: We have rewritten the sentences as follows:

DXA and BIA may not identify the intramuscular lipid infiltration and overestimated the muscle mass in obese people. Therefore, in elderly females with higher adiposity, DXA or BIA may overestimated their muscle mass. (4th page of discussion, lines 11-14)

-As many abbreviations are used throughout the paper, we ask that you include a list of abbreviations (before the declarations section) for reference and ease of reading. All abbreviations should still be defined in the text at first use.

Answer: We have already added a list of abbreviations before the declarations section.

-Please clarify whether consent to participate was given verbally or in written format. If verbal, please provide a reason why verbal consent to participate was used rather than written consent. Please add this information to the methodology section, and copy the full consent to participate statement into the ‘ethics approval and consent to participate section’

Answer: Consent to participate was given in written format. We have already added this information to the methodology section. (the first page of Methods section, line 15-16 )

We have already copied the full consent to participate statement into the ‘ethics approval and consent to participate section’ according to the requirement.

-In the authors' contributions section, 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.

Answer: We have already revised the authors' contributions section according to the requirements.

-Please consider the list of authors as it currently stands with reference to our guidelines regarding qualification for authorship (http://www.biomedcentral.com/submissions/editorial-policies#authorship).
Currently, the contributions of authors XDW, HX, SBZ, HLL, WH, WJT do not automatically qualify them for authorship. Please provide clarification on their contributions, or remove their names from the list of authors and place them in the “Acknowledgements” section instead.

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Answer: We have already revised the authors' contributions section according to the requirements. The details are as follows:

QC and JS have contributed to the conception and design of this study. YD performed statistical analysis and wrote the first draft of the manuscript. QC, JS, YD, XW1, MC revised the manuscript and provided the meritorious support. YD, XW1, HX, SZ, HL, WH, WT, MC participated in recruitment and examinations of patients, they also contributed to the acquisition and analysis of data; XW2, XZ1, XZ2, SX performed laboratory analysis. All authors interpreted data. All authors approved the final version of the manuscript.

XW1: Xiaodong Wang; XW2: Xiaoqing Wu; XZ1: Xiaoying Zhu; XZ2: Xuemei Zhang

- In the “Funding” section of your declarations, please clarify the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

Answer: We have already added the information in the “Funding” section. The details are as follows:

The funding body had no role in the design of the study and collection, analysis, interpretation of data or in writing the manuscript.

- Currently table 1 is not cited in the body of the manuscript. Please ensure that all tables are cited in the body of the manuscript.

Answer: We have already revised it. (the second page of Results section, line 16)

- 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.