Author’s response to reviews

Title: Correlation Between physical activity, eating behavior and Obesity among Sudanese Medical Students Sudan

Authors:

Marwa Yousif (Marwa2011mhm@gmail.com)
Lamis Kaddam (lamiskaddam@hotmail.com)
Humeda Humeda (Humeda2004@hotmail.com)

Version: 4 Date: 14 Jan 2019

Author’s response to reviews:

Dear Dr Kaddam,

Your manuscript "Correlation Between physical activity, eating behavior and Obesity among Sudanese Medical Students Sudan" (NUTN-D-17-00200R3) has been assessed by our reviewers. Based on these reports, and my own assessment as Editor, I am pleased to inform you that it is potentially acceptable for publication in BMC Nutrition, once you have carried out some essential revisions suggested by our reviewers.
Editor Comments:

1. “Page 10, Line 192 and Line 197: please ensure that the statistic, 'Kruskal-Wallis 1-way ANOVA test', is correct. I think the Kruskal-Wallis test (non-parametric test) and one-way ANOVA (parametric test) are different statistics.”

The Editor would like to note that ANOVA usually refers to one-way ANalysis Of Variance, which is indeed a parametric test. HOWEVER, the Kruskal-Wallis H-test is a non-parametric variation of one-way ANOVA on ranks.

To prevent confusion to the readers, we kindly ask you to make it very clear whether you have used the Kruskal Wallis (one-way ANOVA on ranks) test, or whether you have used the parametric ANOVA test.

We utilized Kruskal-Wallis test, since the data were not normally distributed.

We corrected this in the article based on your advice.

2. Submission of a manuscript to a BioMed Central journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any scientist wishing to use them for non-commercial purposes, without breaching participant confidentiality. Thus, we request that you upload English language versions of all questionnaires developed specifically for use in this study as supplementary files. If the questionnaires are not yours or are already published by you, please supply references and/or links to them.

The questionnaires in English will be uploaded as supplementary materials. References are already mentioned in Methods section.

3. Please revise the section heading which currently reads as “Subject and Methods” so that it instead reads as “Methods.”

It has been rewritten as Methods.
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.

Manuscript will be uploaded as clear version and figures as separated files

BMC Nutrition operates a policy of open peer review, which means that you will be able to see the names of the reviewers who provided the reports via the online peer review system. We encourage you to also view the reports there, via the action links on the left-hand side of the page, to see the names of the reviewers.

Reviewer reports:

Apichai Wattanapisit (Reviewer 1):

The authors have responded to all the comments by re-analysing the data and providing some figures. I have some additional suggestions. Please consider whether the suggestions will improve the clarification of the manuscript.

1. Page 10, Line 192 and Line 197: please ensure that the statistic, 'Kruskal-Wallis 1-way ANOVA test', is correct. I think the Kruskal-Wallis test (non-parametric test) and one-way ANOVA (parametric test) are different statistics.

   We utilized Kruskal-Wallis test, since the data were not normally distributed.

   We corrected this in the article based on your advice.

2. Please consider adding the percent (%) for each bar in Figure 2 and 3. Since the analyses are Chi-squared tests.

   They have been added based on your comments
For the 'Availability of data and materials' section, please provide information about where the data supporting your findings can be found. We encourage authors to deposit their datasets in publicly available repositories (where available and appropriate), or to be presented within the manuscript and/or additional supporting files. Please note that identifying/confidential patient data should not be shared. Authors who do not wish to share their data must confirm this under this sub-heading and also provide their reasons. For further guidance on how to format this section, please refer to BioMed Central's editorial policies page (see links below).

Declarations

- Ethics approval and consent to participate
- Consent to publish
- Availability of data and materials
- Competing interests
- Funding
- Authors' Contributions
- Acknowledgements

All these sections are added to the manuscript

Our gratitude and appreciation to the editors and reviewers; for their valuable comments and critics. And for the time and concern they dedicated to improve the article.

Lamis Kaddam

Corresponding author

14.1.2019