Reviewer's report

Title: Predictors of overweight and obesity in adult women in Nairobi Province, Kenya

Version: 1 Date: 10 June 2012

Reviewer: Reza Amani

Reviewer's report:

While the findings of this study are relevant in its field at both local and national levels, there are points to be cleared as follows:

- Major Compulsory Revisions:

1. No comment on FFQ validity has been provided in the text. Authors should refer questionnaire to a proper reference.
2. Why FFQ was based on a 7-day scale? while it is designed based on daily, weekly and monthly (or yearly) food items consumption.
3. Differences between variables means in the tables should be illustrated by different letters. The reasons for showing asterisks in the tables is not clear (no foot notes are provided for asterisks).
4. In the discussion, the reason for not obtaining significant results between educational levels should be discussed considering the significant differences observed in different SE groups (table 1)

Authors may need to cite other references such as:

- Minor Essential Revisions:

1. In abstract and results sections, p values should be indicates as p<0.01 (less than 0.01).
2. In the methods section, there is no need to mention sample size calculation formula and citing a reference is sufficient.
3. Statistical analysis soft-ware should be mentioned (like SPSS or SAS version # ...)
4. In table 2, sedentary time PER DAY should be stated.
5. In table 4, last column shows p values and not chi-square.
6. In table 4, the values are based on DRI and not RDA because there are no RDAs for protein or fat or fiber intakes. Normally, 2/3 RDA is considered for comparisons.
7. In table 6, why r values have not been shown?

- Discretionary Revisions:

1. In the results section, line 212, the sentence: A fat intake of ... is not clear.
2. Same section, lines 222-4: this sentence seems to be mentioned in discussion section.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.