Reviewer's report

Title: Adherence to and factors associated with self-care behaviours in type 2 diabetes patients in Ghana

Version: 0 Date: 24 Aug 2016

Reviewer: Amutha Anandakumar

Reviewer's report:

Specific comments to the authors

1. Introduction seems to be lengthy (quoting more than 35 references); it can be made short and crisp for easy reading.

2. Under Results section, the authors have mentioned that, of the 201 patients approached, 190 (95%) consented, however, only 187 (98%) contained sufficient data for inclusion in the analysis. But in Table 2, the number of subjects and percentages does not match the total number of subjects (n=187) under each self care behaviours. Kindly explain how many of them responded all the self care behaviours.

3. Under results section there are some repetition under univariate and multi variate association paragraph. Kindly check the r and p values.

4. In page 11, under multivariate association paragraph, what do the authors mean by "The regression models for following diet, F (2, 184) = 6.203, p=0.002; Exercise, F (1, 185) = 5.360, p=0.022; SMBG, F (1, 184) = 7.484, p=0.007; and foot care, F (1, 184) = 4.415, p=0.037 were all significant". Kindly explain.

5. Table 1: Under religious following the total number of subjects comes to n=188. The authors need to recheck the frequencies and percentages.

6. Table 2: what do the mean and SD denotes? Give the details as foot note.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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