Reviewer's report

Title: Relationship of psychological and oral health statuses with self-perceived halitosis in a Jordanian population: a cross-sectional study

Version: 4  Date: 10 June 2015

Reviewer: Yusuke Matsuyama

Reviewer’s report:

Dear authors,

Thank you for revising your article. I read revised article and found some problems were clear upped. However, there are some points which I realized.

Major Compulsory Revisions

I sometimes thought your article is difficult to understand. The reasons are, maybe, tests you used (OLT, BANA, and SCL-90R) are a little described in method section. I recommend you to make sections to describe them in method.

There is not the result of ANOVA though you used in method section.

In page 9, line 178, “According to the results of this study, individuals who sense halitosis may also have depression or anxiety.” However, your result in table 4 does not show significant association between SCL-90R score and self-perceived halitosis.

According to table 4, what do the ORs mean? i.e. when score of somatization 1 point increase, the likelihood of self-perceived population increases 1.06 times? If so, you should describe that the score of SCL-90R was used as continuously variable in method section. In addition, this is just a my idea, I recommend you to divide SCL-90R into two or three categories and compare highest and lowest group.

In page 10, line 191, “We tried to eliminate this by applying strict exclusion criteria and to avoid recruiting patients from otolaryngology and oral medicine clinics.” I think strict exclusion criteria strengthen internal validity but weaken external validity. Thus, this cannot eliminate selection bias.

In general, tables in articles do not have vertical lines. In addition, they should be understandable only their own.

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

Quality of written English: Acceptable
**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**
I declare that I have no competing interests