Reviewer’s report

Title: Predictors for patient knowledge and reported behaviour regarding driving under the influence of medicines: a multi-country survey

Version: 2 Date: 21 August 2011

Reviewer: Keshia M. Pollack

Reviewer’s report:

I appreciate your responses to the Reviewers’ comments. After re-reading the paper, I have some additional comments/questions that can be classified as mostly Minor Essential Revisions. There is one Major Revisions:

Figure 1: I appreciate the addition of the model, per the request of one of the reviewers. However, I do think it is a little simplistic. For example, shouldn't there be arrows between knowledge and attitudes? Are these variables related? Also, you list the variables as “social demographic characteristics”. Is this the same as socio demographic? Please be consistent. Also, how are you defining this term? There are several different classes of variables in this box: demographic, behavior, etc. I think the model needs some more work.

Minor Essential Revisions:

ABSTRACT
Background
- What are socio variables? See sentence - “The influence of socio and demographic variables…”
- Also, check to see if socio demographic contains a hyphen between these two words. In the first paragraph of the discussion, the phrase does contain a hyphen. Please be consistent with its use in the text.

Methods
- Active participant in traffic: the paper describes exposure as frequency. The terminology in the abstract is confusing. Consider changing it.

Conclusions: it does not currently add much. I think the revised text is confusing. Please re-work.

TEXT
- I am not sure if this journal lists US as ‘U.S.’. If so, change the text accordingly.
- Page 6: paragraph beginning with “In order to…” The text was revised and now there a colon beginning the second sentence. Please revise the text accordingly.
- Page 6: Sentence beginning with “having the TBP…” there should be a comma inserted before ‘but also.’
- Page 11: I made the comment earlier about the amount of time it took to complete a questionnaire. This comment was mainly offered in relation to selection bias – if someone is picking up their prescription and the survey took a while to complete, they may have been less likely to complete it. That said, the final sentence that was added on this, to the paragraph beginning with “When the patient….” should be removed, especially since there is a later sentence about the average estimated time to complete the survey (on page 12).

- Methods, page 15: the text on the regression model is incorrect. Multiple regression – do the authors mean multiple linear regression? Because that is the model that is relevant only when the dependent variable is continuous. This section needs to be clarified, because multiple regression can also be applied to multiple logistic regression, which is for dichotomous variables. This comment about multiple regression (i.e., if it should be changed to multiple linear regression) applies throughout the text (see also page 18, for example).

- Page 24, Discussion: I believe that the potential for selection bias is a limitations that should be mentioned. Do you agree? If so, please add.

Page 16: the addition of the sentence on the interaction term is good however, modify the sentence to reflect which interaction terms were tested. As currently written it is unclear.

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: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.