Reviewer's report

Title: Predictors of regular mammography use among American Indian women in Oklahoma: a cross-sectional study

Version: 2  Date: 26 April 2014

Reviewer: Carol Strong

Reviewer's report:

I appreciate the authors’ effort to collect data in a hard-to-reach population. Below are some of my comments and suggestions:

MINOR ESSENTIAL REVISIONS
1. Citations for the first and second sentences.

MAJOR COMPULSORY REVISIONS
2. Have you compared the results for two studies, since you combined the samples? Are they similar in most of the factors you are interested in?

3. Need more description of the scales you borrowed from others (citation 38, 39, 40 on page 6), such as alpha and whether you used the whole scale or you revised them? Were these scales designed for AIs? Did you use a sum/average score? Anyway, much more detail is needed.

4. Need much more detail on the factor analysis of the 82 items. Where did these items come from? What is “AI beliefs regarding the AI woman’s role in the current AI society?”

5. Does WHS include all the constructs you mentioned (citation 38-40, plus WHS)? Need more clarification on that.

6. Since you emphasized the use of theories, it may be clearer if you specify which theory was used for each construct/measurement. Perhaps categorize all measurements you used under theories. It may help to clarify.

7. Where does the measurement of subjective norms come from? The same question for the following measures: normative beliefs, motivation to comply, etc.

8. It seems like you need to pay more attention to the measurement. I truly appreciate your effort to have tailored or newly-designed measures for this hard-to-reach population. I think it would be an important contribution if you can validate all the measures more carefully.

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

Quality of written English: Acceptable
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.