Reviewer's report

Title: Modeling Predictors of Drug Use among Male Street Laborers in Urban Vietnam

Version: 3 Date: 3 January 2013

Reviewer: Karen Wynter

Reviewer's report:

The author has revised the manuscript considerably based on comments from all four reviewers. The manuscript is much improved in terms of organisation, clarity of description of aims and methods, and presentation of results.

The following points still need to be addressed (Minor essential revisions):

1. The clause "to predict drug use behavior for HIV" in the aim (p.5) is still ambiguous - the drugs being used are not for HIV
2. I would encourage the author to suggest EXAMPLES OF "broader environmental and social factors" which may contribute to risky drug use behaviour (p.14). If other confounders such as highest level of education attained have been tested and found not to contribute significantly, this needs to be stated.
3. Field workers would have been asked to estimate the number of POTENTIAL participants (p.6), rather than participants
4. In the Methods, it is stated that "Statistical significance yields at a threshold of P#.05." (p.8) which is inconsistent with threshold used throughout the paper (p<0.05)
5. I am still not convinced that a mean of 3 on a scale of 0 (never) to 5 (always) implies that the behaviour is "common", while a mean of 2 on a scale of 0 (never) to 4 (always) implies that the behaviour is "inconsistent". These are clearly ordinal scales and as such, cannot be easily summarised by means. Perhaps the percentage of respondents who selected the top two categories could be reported instead?
6. Model fit criteria should be presented (numerically) for all three evaluation criteria for both models.

- there are still several spelling and typographical errors
- the footnote labelling in Table 1 should be replaced with standard footnote notation

Level of interest: An article of importance in its field

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