Reviewer's report

Title: Industrial Air Pollution in Rural Kenya: Community Awareness, Risk Perception and Associations between Risk Variables

Version: 7 Date: 22 January 2014

Reviewer: Giuliana Cortese

Reviewer's report:

Major Compulsory Revisions

- Previous Comment 1: The authors give a single table (Table 4) with all the results about logistic regression. The authors misunderstood part of my comment. My previous question was why in the paper (Results section and Table 3) the authors reported only results about three of the perception outcomes, and they ignored the remaining two perceptions instead. The authors must justify why these results are missing. Why are they missing? Generally, if the section "statistical analysis" describes the variables of interest and analyses that were made, then the readers are expected to read all the results about these variables. The alternative solution is that the authors delete the two perception outcome for which they do not have results along all the paper.

New comments:

2) at page 13, please correct the sentence mentioning Table 1 and Figure 2. Table 2 gives a description of the demographic characteristics across sub-locations. Please delete the sentence about variance, which is wrong.

3) Page 11. The description of the dependent variables in logistic regression is confusing. Please correct has suggested:

"Logistic regression was used to study the association of the original categorical independent variables with each of the five primary perception outcome (binary variables): - if……". In logistic regression independent variables do not need to be necessarily binary categorical variables (and thus collapsed into two categories, as the authors write).

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

Quality of written English: Acceptable

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

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