Reviewer's report

Title: Smoking in cars in England: a study of school students in an English city

Version: 2 Date: 15 April 2014

Reviewer: Michelle Kegler

Reviewer's report:

The additional detail improved this paper considerably and addressed many of my comments. I still have a few suggestions, however.

Major compulsory revisions
1. Add more detail on how clustering within schools was handled statistically. A citation should be added for the "cluster sandwich estimator."
2. No convincing evidence is provided that these schools are representative of Nottingham. Without that, a better response rate and adjusting for demographics of the country as a whole, the extrapolation to country-wide numbers doesn’t seem justified. This either needs to be more sophisticated analytically or dropped. I’d do the latter and speak in more general terms.
3. Report more detail on the associations between the rules and actual exposure (more than just the correlation). If smoking was allowed in a family car (or not), on how many days were youth exposed? Also consider putting "rules" in the second regression model.

Minor essential revisions
1. Add more descriptives on the participants to the text. Now it jumps very quickly into the associations.

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.