Reviewer’s report

Title: Trends and correlates of driving under the influence of alcohol among different types of adult substance users in the United States: A national survey study

Version: 1 Date: 01 Mar 2019

Reviewer: Jose Pulido

Reviewer’s report:

I have carefully reviewed the authors' responses to comments from reviewer #2. I have evaluated them taking into account only the revised version of the manuscript. Therefore, my comments as an external evaluator are as follows:

The most important part of the reviewer's letter #2 is the first one, where "he/she expected to see the mathematical description of how the selected outcome measure (DUIA) declines (or changes) over time between the whole surveyed population or among those who do not use the listed psychoactive substances and, based on this, the deviations from this trend seen in the groups of people using various drugs."

- In my opinion, including the group "alcohol only users" (non-drug use) as a reference group is correct.

- Authors compared the DUIA prevalences in each year between 2009 and 2014 with the prevalence in 2008. This is a basic strategy to respond to what the reviewer proposed. However, because of the subsequent comments he made, I believe that he/she did not only ask that, he/she also asked what was the reduction of DUIA per year in each group. I believe that a feasible alternative would be joinpoint trend analysis to calculate the annual percentage change (APC) in each group of drug users. This is a free software. Authors can consult the following bibliography:


- Regarding the second and third part of the letter, I believe that the authors have responded adequately to all the questions/suggestions.

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls? 
If not, please specify which controls are required in your comments to the authors.
Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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