Reviewer’s report

Title: Predicting hazardous drinking in late adolescence/young adulthood from early and excessive adolescent drinking - A longitudinal cross-national study of Norwegian and Australian adolescents

Version: 0 Date: 14 Nov 2018

Reviewer: Marina Bosque Prous

Reviewer's report:

The manuscript "Predicting hazardous drinking in late adolescence/young adulthood from early and excessive adolescent drinking - A longitudinal cross-national study of Norwegian and Australian adolescents" is a potentially valuable piece of work. However, there are some concerns that still need to be addressed:

1. When we have highly prevalent variables, such as EOD and EOE, it is not advisable to estimate logistic regression models because they yield Odds Ratios, which overestimate the associations. Instead, it is recommended to use Poisson regression models with robust variance or log-binomial regression models, which obtain Prevalence Ratios. For more information see:


I highly recommend the authors to reanalyse the data to obtain prevalence ratios.

2. The way the authors coded the EOD and EOE variables as mutually exclusive may be driving the results found. A sensitivity analysis is needed, in which the dependent variable of the model includes all adolescents that had ever drunk, instead of EOD and EOE.

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.
Yes

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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