Reviewer’s report

Title: Socioeconomic Patterning of Vaping by Smoking Status Among UK Adults and Youth

Version: 0 Date: 23 Sep 2019

Reviewer: Jonine Jancey

Reviewer's report:

Thank you for the opportunity to review this manuscript, the findings of a cross-sectional study comparing socioeconomic disadvantage to vaping and combustibles behaviours of youth and adults. I think the findings and discussion could be presented more succinctly.

I suggest reviewing the text to make the paper more succinct

- study objectives written on page 6 and then placed in a table.

- figures and tables presented then findings stated in text

- Could you not combine a few of the tables?

- Limitations could be reduced - why is lack of information on motivation a limitation for your study. This study is looking at SES and smoking/vaping outcomes

Other comments

Abstract: wasn't there no association with current smoking adults?

Background: Line 1 page 4. The reason for dual use may not be health but rather being able to smoke in more places (ecigarettes allowed but not combustible cigarettes)?

Methods: Why were different statistical methods used to answer each research questions?

Table 3 and 4 - I would like to see the n values for the following categories a) vaping among never smokers 1.1%; b) Vaping among ever smokers; c) All vaping

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

Unable to assess

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 recommend additional statistical review

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

Acceptable

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