Reviewer’s report

Title: Factors associated with influenza-like-illness: a crowdsourced cohort study from 2012/13 to 2017/18

Version: 1 Date: 06 Feb 2019

Reviewer: Monique Chilver

Reviewer's report:

The authors present an analysis of trends of influenza-like illness (ILI) over 6 influenza seasons from the GrippeNet.fr crowdsourced cohort in France. Overall, the paper was written clearly, and identifies risk factors associated with ILI.

I have a few comments:

Line 118 makes reference to multi user accounts being utilised to facilitate participation (ie. multiple household participant's data being entered by one household member), however there is no reference to this in the results. If a person was reporting on behalf of the whole household and this household did not have a car (ie. use of public transport by all participants in this household) and they had pets at home, that this would affect the overall results. Would recommend that adjust OR are reported or sensitivity analysis undertaken.

It is not clear as to whether a sensitivity analysis was undertaken on certain covariates which may have differences in participants less than 18 years of age eg. Smoking.

Would recommend including population demographics into table 2, where available.

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.

Unable to assess
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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