Reviewer's report

Title: Knowledge, Attitudes and Practices KAP related to the Pandemic (H1N1)

Version: 2 Date: 21 December 2010

Reviewer: Michaël Schwarzinger

Reviewer's report:

In the revised manuscript, Dr Lin and colleagues used multiple logistic regressions. However, I would suggest that they follow usual standards:

Table 1: There is no need to (over)aggregate the levels of categorical variables given the large sample size of the survey. For instance, a farmer occupation is not equivalent to unemployed people; KAP are of interest for each region (Discussion page 15); aggregation of “don’t know” responses with “yes” or “no” depends on the subjective assessment of the authors. More importantly, all variables are categorical with exception of respondent’s age that is further categorized (Table 2). It should be taken into account when explanatory variables are declared for the multiple logistic regressions. All in all, Table 1 seems unnecessary, and Table 4 should be expanded to report adjusted OR per category level of each selected variable.

Table 4: I suggest that all socio-demographic variables are forced, not just introduced, in all multiple logistic models with stepwise selection: age (4 categories), gender (2 categories), level of education (3 categories), occupation (8 categories), region (9 categories), and survey wave (3 categories). Other explanatory factors should stay in the model at the (usual) p<0.05 level.

Minor suggestions:

“Have influenza A (H1N1) vaccine” could be replaced by “A (H1N1) vaccine uptake”.

The meaning of “Have A/H1N1 affected one's life” is not clear.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.