**Reviewer’s report**

**Title:** Online Surveillance of Media Health Event Reporting in Nepal: Digital Disease Detection From a One Health Perspective

**Version:** 0 **Date:** 10 Jul 2017

**Reviewer:** Daniela Paolotti

**Reviewer’s report:**

In this paper, the authors explore the use of the global digital platform for disease surveillance Healthmap in the scope of the One Health approach. In particular, they focus on how animal and human health-related domestic events in Nepal are detected by a global disease surveillance platform such as Healthmap.

The material of the paper, as well as the goal, are original and of great interest. Background information, data and statistical analysis are well presented. It is very appreciated that, in the discussion section, the authors discuss the limitation of the methods in terms of possible lack of sensitivity of the Healthmap platform in detecting reports or articles on animal and environmental health events and the issues with the underrepresentation of rural events vs urban or events reported in Nepali language.

The only aspect that was not discussed was the duration of the data collection. The authors mention that the data were collected between October 2013 and December 2014. How would a longer data collection have influenced the results, especially in terms of sensitivity? Is there any specific reason for which the data collection finished in December 2014?

Moreover, it would be interesting to know how the health events detected through Healthmap compare with domestic animal and human health surveillance in Nepal.

**Are the methods appropriate and well described?**

If not, please specify what is required in your comments to the authors.

Yes

**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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I have to declare that in the past I have had contacts and interactions with Prof. John Brownstein in the scope of the common work on participatory surveillance of influenza. In particular, we have co-organized the Digital Disease Detection conference in Florence in 2015. Moreover, I have collaborated with the Healthmap team during the writing of an H2020 proposal on vaccine confidence, which unfortunately was not accepted.

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