**Reviewer’s report**

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

**Version:** 0  **Date:** 26 Oct 2016

**Reviewer:** Ian Painter

**Reviewer’s report:**

This research provides important insights into characteristics of media reports of onehealth related events in Nepal, and the differences between reports sourced domestically vs internationally. As noted by the authors, using HealthMap to source the reports to be included in the analysis is both a strength and, with regard to the coverage of domestic media sources, a weakness.

It is not clear to me that the appropriate level of analysis is report, as opposed to event. There are several sources of variability in reports or events; characteristics of events differ between events and this likely plays a role in whether the event is reported domestically or internationally. When an event is reported, differences may exist in which characteristics of the event are included in the report. Examining the association between event characteristics and whether they are reported domestically or internationally, and separately examining what characteristics of an event are reported would help separate out these sources of variability and enable a more nuanced characterization of the reasons for differences between reports. On average a little over 2 reports per event occurred, so there is an additional element of variability when analyzing at the level of reports.

Other issues:

Languages - it is not clear which languages were monitored.

Inclusion of reports - it is not clear how the definition of a health event was operationalized, and no indication of the sensitivity of event selection was given.

**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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