**Reviewer’s report**

**Title:** Spatio-temporal analysis of the relationship between meteorological factors and hand-foot-mouth disease in Beijing, China

**Version:** 0  **Date:** 12 Oct 2017

**Reviewer:** Ping-Ing Lee

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This study shows that the incidence of HFMD is significantly associated with some meteorological factors, including mean temperature, relative humidity, wind velocity and sunshine hours. It has been a common finding that the incidence of HFMD and other enteroviral infections show specific geographic distribution in different countries. The underlying mechanism remains obscure. It is therefore worthwhile to have some data from Beijing.

Minor comments:

1. The definition of "severe disease" should be mentioned.

2. Although not the objective of this study, it will be interesting to know whether there were differences in the incidence of HFMD between those cared at home and those cared at day care centers.

**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 recommend additional statistical review

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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