Reviewer's report

Title: Spatial clustering of measles vaccination coverage among children in Sub-Saharan Africa

Version: 0 Date: 28 Aug 2017

Reviewer: Judith M Hübschen

Reviewer's report:

The article by Brownwright et al. investigates spatial heterogeneity of measles vaccination coverage among children in ten different African countries. The article is interesting and the findings are of relevance for measles control efforts.

Specific comments:

- The authors should still specify whether it is first dose vaccine coverage they are investigating and whether all children in the age range they target should have received one dose (or sometimes already two?) according to each country's immunization schedule.

- Please delete the word "surveys" behind the abbreviation "DHS" throughout the text, since DHS already contains the word "surveys"

- Line 127: you probably mean "status" instead of "states"

- Figure 1a is not really needed. The country names could also be displayed using arrows in Figure 1b
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.

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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