Author's response to reviews

**Title:** Mathematical Assessment of the Role of Traditional Beliefs System and Customs and Health-care Settings on the Transmission Dynamics of the 2014 Ebola Outbreaks

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**Author's response to reviews:** see over
Response to Reviewer's Report

Title: Mathematical Assessment of the Role of Traditional Beliefs System and Customs and Health-care Settings on the Transmission Dynamics of the 2014 Ebola Outbreaks

Version: 2  Date: 4 March 2015  
Reviewer: Sally Blower

Reviewer's report:

This is an excellent paper, the authors have addressed all of my concerns. I would recommend that the authors carefully proof their ms to correct a few remaining typos & grammatical errors. For example, in places the ms states "of of" rather than "of".

Response:
We thank the reviewer for spotting this typo. We have gone through the entire manuscript and corrected all typos found.

In one of the figure legends a comma is misplaced.
Response: We have updated the figure legend for Figure 2.

A few times plural is used rather than singular.
Response: We have made all corrections found.

I have one minor essential revision:
I would like the authors to add a sentence or two that addresses whether it is feasible to expect healthcare workers to work 24 hour shifts.

Response: We have addressed this on Lines [485-487] and [563-575] of the revised manuscript.

Quality of written English: Acceptable

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

Declaration of competing interests:
I declare I have no competing interests.

Response to Editor’s Comments

1. Ethical approval: we have indicated (see caption of Table 2) that we have received approval (from C. Althaus) to use the data we used in Table 2.
2. Acknowledgements: revised accordingly.
3. Figures: all figures are made exclusively for this manuscript (and not subject to copyright restrictions).