Reviewer's report

Title: Prevalence of Head lice infestation and pediculicidal effect of permethrine shampoo in primary school girls in a low-income area in southeast of Iran

Version: 3 Date: 22 Jun 2017

Reviewer: Ian Burgess

Reviewer's report:

This is a much improved and much more readable version that you as authors have worked on considerably to address the points raised by reviewers. Apart from a few minor textual issues around grammatical formatting that should be dealt with during sub-editing, and some small points of disagreement of opinion that are of limited importance, I have only two comments:

1. On Page 5 the wording "the therapeutic efficacy of permethrine shampoo was calculated as the number of cured cases divided by the total number of initial infected cases" is duplicated so please delete one of these entries.

2. In your response to my previous review point #6, where I suggested that "in Tables 1 and 2 the p-values should be shown against the specific data items that are significantly different not just as a general p-value for the whole criterion" I understand your response "If we compare the prevalence of infestation among the categories in a pairwise basis (for example I and II, me and III, me and IV…) we would have a large Table with a lot of data which would be cumbersome to interpret." However, one option that has been adopted elsewhere by other authors, is to allocate an identifier, e.g. a superscript letter, to all the categories that show the same significant difference from the value selected as the baseline. So, for example, those values that have no significant difference may be allocated "a", those significantly different to <0.05 are allocated "b", etc., which would not increase the size of the table but may provide readers with more detailed insight. I leave this to you to decide.
**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

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