Reviewer’s report

Title: Effectiveness of Pneumococcal Conjugate Vaccination against Invasive Pneumococcal Disease among children with and those without HIV infection: A Systematic Review and Meta-Analysis

Version: 0 Date: 19 Jun 2019

Reviewer: Albert Gabarrus

Reviewer's report:

Statistically, I can state that the conducted analysis is essentially correct. However, I am interested in asking some questions and making some minor comments to the authors:

Page 11, 1st paragraph. Results in the text should be referenced to corresponding figures, i.e. -6.2% (95% CI: -67.6, 32.7) (Fig 2), 65.1% (95% CI: 47.3, 76.9) (Fig 3), etc.

Fig 2 to Fig 5. In Fig 2 the VE% 95% CI is wrong, it should be (-67.6, 32.7) instead of (32.7, -67.6). On the other hand, if the percentage of efficacy or effectiveness and their 95% CI are reported in the text (page 11, 1st paragraph) it would be better to delete them from the figures in order to not duplicate information. Also in figures I would suggest to replace the last column name ES (95% CI) by the specific OR (95% CI) or RR (95% CI). And why you do not report the % weight in these figures. Finally the title of these figures should include "Forest plot of ...". All these comments are also applicable from online Fig 1 to 12.

Page 14, 2nd paragraph. (online Fig 12-18) should be (online Fig 13-18).

Page 14, 2nd paragraph. Despite the results of Egger's test showed lack of publication bias, it would be interesting the inclusion of the funnel plots as online figures for a visual examination.

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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