Reviewer’s report

Title: The influence of medical providers on HPV vaccination among children of Mexican mothers: Comparison between Mexico and the Midwest region of the United States

Version: 0 Date: 09 Oct 2018

Reviewer: Reviewer 2

Reviewer’s report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

No - there are minor issues

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable

OVERALL MANUSCRIPT POTENTIAL - Could an appropriately REVISED version of this work represent a technically sound contribution?

Probably - with minor revisions

PEER REVIEWER COMMENTS:
GENERAL COMMENTS: The authors examined the influence of medical providers on HPV vaccination among children of Mexican mothers. This is an important study with potential to add to the body of knowledge in the field. The study used a validated questionnaire to collect the data.

REQUESTED REVISIONS:

1. The authors should consider following STROE guideline in reporting the methods section, to improve flow of the manuscript

2. Was there formal sample size calculation for the study? Though the small size was acknowledged in the study limitations.

3. I have a minor comment about the use of stepwise method. Stepwise regression has been considered as a problem and not a solution. It is strongly advised that better models should be guided by substantive theory, scientific plausibility and clinical relevance rather than automatic routine selection of model by stepwise approach.

4. Study limitations should broaden to include issues around generalizability of the findings to the general Mexican population and comparability of participants from Mexico and USA

Note: This reviewer report can be downloaded - see attached pdf file.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

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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