Reviewer’s report

Title: Online Cost-Effectiveness ANalysis (OCEAN): A user-friendly interface to conduct cost-effectiveness analyses for cervical cancer

Version: 3 Date: 07 Jan 2020

Reviewer: Research Square Reviewer 1

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses one or several testable research questions? (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 sufficient technical rigor to allow confidence in the results?
Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?
Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?
Yes - the author's interpretation is reasonable

OVERALL MANUSCRIPT POTENTIAL - Has the author addressed your concerns sufficiently for you to now recommend the work as a technically sound contribution? If not, can further revisions be made to make the work technically sound?
Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: The authors have been responsive to my prior critique and I am satisfied with their changes.
ADDITIONAL REQUESTS/SUGGESTIONS:
I have only minor changes to suggest.

Title. I would recommend removing "sophisticated". The degree of sophistication is relative. Compared to a decision tree, this is more sophisticated. Compared to other kinds of models that
could have been used (e.g. discrete event simulation, agent based modeling, microsimulation, continuous time SIR model) it is not. I think the model's level of sophistication is as it should be, and readers do not need to be told it is sophisticated.

Abstract, line 6. Again, I would recommend removing "sophisticated".

Abstract, line 23. I would suggest removing "in the last years".

Abstract, line 28. Suggest removing "sophisticated".

Background section, line 34. Consider changing "so they can be treated" to "or they can be treated".

Background section (next page), line 15. Suggest removing "sophisticated".

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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