Reviewer’s report

Title: Interpreting Patient-Specific Risk Prediction Using Contextual Decomposition of BiLSTMs: Application to Children with Asthma

Version: 1 Date: 19 Aug 2019

Reviewer: Yanshan Wang

Reviewer's report:

This reviewer is not fully satisfied with the response to Comment 1. As this reviewer mentioned that the title is too broad and the study essentially deals with asthma prediction. If the authors insist not to tuning down, this reviewer would like to see at least two more experiments on other disease predictions. Otherwise, the generalizability of the proposed model on "Patient-Specific Risk Prediction" cannot be justified.

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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