Reviewer’s report

Title: A classification framework for exploiting sparse multi-variate temporal features with application to adverse drug event detection in medical records

Version: 1 Date: 09 Oct 2018

Reviewer: Guoqian Jiang

Reviewer's report:

Most of our concerns were addressed well in the response letter. It would be helpful if authors can revise the abstract in the follow two aspects:

1) in the results section of the abstract, the authors claimed that "A large-scale evaluation … the proposed framework achieves significantly improved predictive performance compared to a competitor approach." please provide the specific results of performance comparison here.

2) in the conclusions section of the abstract, it would be easier for reader to understand if the authors clarify some of specific advantages of their framework.

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.

Not relevant to this manuscript
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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