Reviewer’s report

Title: Predicting factors for survival of breast cancer patients using machine learning techniques

Version: 1 Date: 06 Dec 2018

Reviewer: Amir Talaei-Khoei

Reviewer’s report:

I enjoyed reading the paper and believe the paper has been improved a lot. I have checked the answers for the comments from myself as well as other reviewers. The authors have put a enormous effort in answering to the comments. I see the article now reads better and contributes more significantly. However, the paper requires further minor changes in order to become ready for publication in this journal.

1. The paper requires professional English editing.

2. The literature review in the paper must be improved. The paper needs to backs up its claims in different parts using literature.

   - In dealing with data quality:

A) Achieving Data Completeness in Electronic Medical Records: A Conceptual Model and Hypotheses Development

B) Theoretical Support for Enhancing Data Quality: Application in Electronic Medical Records

   - In limitations for performance analysis, you can refer to the following paper

A) Performance Analysis of QoS-Based Web Service Selection Through Integer Programming

   - In methods when you are looking at feature correlations, you can back your method using the similar approach used in

A) Peer Learning in the Class or on Facebook? A Correlational Experiment on Learning Outcomes

3. Paper needs an extensive discussion on practical contributions for clinicians. I can see those important contributions but they need to be spelled out.

Overall, I am very pleased by the changes and believe the article is close to the publication stage.

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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