Reviewer’s report

Title: Usability of data integration and visualization software for multidisciplinary pediatric intensive care: a human factors approach to assessing technology

Version: 0 Date: 06 May 2017

Reviewer: Mehrbakhsh Nilashi

Reviewer's report:

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First, thanks a lot to the editor to give me this opportunity to be a reviewer of this research work. The paper aims and scope match those of journal. However, while I found the paper somewhat interesting, there are several serious weaknesses of this article. Hoping to assist the authors in their research efforts, I provide several suggestions for improving the presented work.

A: Please go through the entire manuscript to double check accuracy and ensure errors-free as some spelling and grammatical errors can be found in this manuscript.

B- The related work also needs to be reviewed and structured in a more analytical manner to show the links and differences between the different studies. It should be in a new section.

C- I also suggest the authors to dedicate a new section for problem statements along with research questions, objectives and their contributions.

D- In Line 355, the reference is missing.

E: please don't use such terms, Again see Figure 5.

F- In Line 441, the reference is missing.

The authors also need to:

(1) delete some outdated references and update some more recent references in the field to enhance the link between the current literature (i.e., 2016-2017) and your method; some of recent references (in 2016 and 2017) in the field are missing;

(2) double check the accuracy/consistency of all references and section/table numbers;
(3) fully discuss what is the advancement over existing work -this should be done in at least one paragraph;

(4) supply more solid and practical implications - this must be done in at least one paragraph;

(5) clearly state your unique research contributions in the conclusion section;

(6) fully address solid future research directions - this should be done in at least one paragraph.

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:

Needs some language corrections before being published

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