Reviewer’s report

Title: Patients' willingness to share digital health and non-health data for research: A cross-sectional study

Version: 0 Date: 26 May 2019

Reviewer: Mike Conway

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[REVIEW] Patients' willingness to share digital health and non health data for research: a cross sectional study

## SUMMARY

This paper describes the results of a survey designed to evaluate (ER) patients' willingness to share digital data for health research. Data sources (19) included clinical (e.g. prescription, EHR), social media (e.g. Facebook, Twitter), financial data (e.g. taxes, credit card data), and Google searches. Results of the survey indicate that a relatively large proportion of the people surveyed were willing to share digital data.

This is a well-written paper with some interesting results. The topic is of substantial interest given current debates on (health) information privacy.

Comments below.

## COMMENTS

* In 64-69. Transition between first and second paragraph would benefit from more fleshing out.

* In 64. Target example could be expanded on in terms of implications. Also, finding an additional example may be beneficial.

* In 80. "perceived value" suggest "perceived and actual value"

* In 84. Consider elaborating on discussion of science fiction (include example/s).

* In 100. "Patients seeking care in an academic Emergency Department". It would be helpful to say a bit more about the ER context (e.g. urban/rural/suburban)

* Suggest looking at papers by Glenn Coppersmith (ourdatahelps.org).

* p12. Some elements of the table are not aligned correctly
* Suggest fleshing out some of the core privacy/ethics issues more (e.g. Solve - understanding privacy; Nissenbaum - privacy in context).

**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.

Unable to assess

**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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