Reviewer’s report

Title: Clinical Decision-Making and Secondary Findings in Systems Medicine

Version: 0 Date: 26 Feb 2016

Reviewer: Alex McKeown

Reviewer's report:

This is an excellent paper which I recommend for publication, subject to one minor but essential alteration. The only real weakness of the paper was that the diagrams were not included, and to this end it was not possible to assess their quality, accuracy, or relevance. Judging by the quality of the paper, my guess is that they are likely to be suitable, however they need to be seen in the peer review process before the paper can be published.

Apart from this, I am happy to recommend publication. I found the article relevant, interesting, well-written, perspicuous, and timely, given current concerns regarding the ethical implications of using 'big data' in clinical decision-making.

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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