Reviewer’s report

Title: Effectiveness of a decision aid for promoting colorectal cancer screening in Spain: a randomized trial

Version: 0 Date: 13 Jan 2018

Reviewer: Jiang Bian

Reviewer's report:

(1) The paper needs some proofreading. Some of the sentences are awkward and with grammatical errors. A professional editing service might be helpful.

(2) Why the need for "no family history of CRC" as an inclusion criteria? Please justify.

(3) How were participants identified? Through reviewing of the EHR system and then sent out invitation mails? Please explain.

(4) "www.pydesalud.com/toma-de-decisiones-encancer-correctal/" is no longer available. It's hard to assess the adequacy of the decision aids. How was the DA developed? e.g., went through focus groups, etc?

(5) "We could not assess actual screening uptake in center B, and participants of center A did not have access to the population based screening program and therefore could only undergo screening by means of private services, but this was considered improbable given the out of pocket costs." seems to simple of an explanation. First, if cost of the procedures is the most prohibitive factor, high intention to screening does not mean much.

Second, center B does have a program. Why not wait 3 month, do another survey and assess the actual uptake rate?

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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