Reviewer’s report

Title: Reproducibility of Clinical Research in Critical Care: A Scoping Review

Version: 2 Date: 28 Jan 2018

Reviewer: Lex M Bouter

Reviewer's report:

My comments have been acted upon carefully.

I still believe that exclusion of SRs, MAs and diagnostic studies would have been the better choice, but I can accept the persistence of the authors in their view.

My remark on selective reporting was misunderstood. I was not referring to the replication attempts, but to the initial publications. And I still believe selective reporting of them is a main cause for not being able to reproduce their results. But this is not essential for the focus of the article, so I can let that go as well.

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?
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Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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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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