Reviewer’s report

Title: Statin use and the risk of ovarian and endometrial cancers: A meta-analysis

Version: 1 Date: 21 Jun 2019

Reviewer: Ayelet Shai

Reviewer's report:

This version of the manuscript is much better than the initial one.

Several comments:

1. There is still confusion as to the definition of "study population". To my understanding this is the entire population of women recruited to a certain trial, and the endpoint is incidence of ovarian/ endometrial cancer. For example lines number 117, 165.

2. Line 126 - how can the authors be sure that patients in all the studies are not taking additional medications? In fact, it is likely (and stated in at least some of the trials) that many other medications were co administered. The authors should refer to this limitation of their study.

3. Line 346 - the discussion regarding interaction between statin use and metabolic syndrome is important and should be placed before the statistical discussion.

4. The study by Lavie et al is a case-control trial, this is not stated or discussed.

5. The manuscript needs language edition.

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 recommend additional statistical review

Quality of written English  
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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