Reviewer’s report

**Title:** Screening mammography for second breast cancers in women with history of early-stage breast cancer: Factors and causes associated with non-detection

**Version:** 2  **Date:** 11 Dec 2018

**Reviewer:** Takahito Nakajima

**Reviewer's report:**

The manuscript was improved with this revision. There are some minor points to be revised as below:

1. **#1 References:** Access dates on the website should be deleted in references 9, 17 and 26.

2. **#2 Table 1. Body index mass:** 59 (390%) > 59 (90%)

3. **#3 In Table 1,** percentile values are still unknown. I would suggest that you separate the table into two, with one for the variables with YES/NO options and another for the other variables (that have options other than YES/NO, such as Pre/Post).
   - For the variables in the YES/NO group, only the numbers indicated "YES" can be presented.
   - Only percentile values would be required in n=114 for non-detection and n=74 for detected.

4. **#4 Table 2** has the same problem described in #3. Only the numbers for "YES" or "Positive" are required. Please simplify the table.

5. **#5 Table 3:** Since the explanation of "Time interval..." is too long, please change it to "Time intervals (days) *,**,".

   As a comment, "**" indicates "Time intervals between the final diagnosis ...".

**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:

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.
I declare that I have no competing interests.

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal