Reviewer’s report

Title: Variations in the estimated intake of acrylamide from food in the Japanese population

Version: 1 Date: 16 Jan 2020

Reviewer: David Collins

Reviewer's report:

Thank you very much for the comprehensive responses to my initial reviewer comments. My concerns have all been addressed except for two minor points below.

1. References 25 and 26 are both whole books. An indication of chapter, section or page number for these would allow the reader to easily find the required information. Reference 27 has not changed so my comment regarding this not being open access still remains.

2. Line 231. I am still struggling with this sentence regarding underestimated means. I initially thought it referred to the 5th percentile in Table 2 (0.05 and 0.07 for men and women). Following the authors rewording it appears this is referring to the final (%) column of Table 2. In which case the numbers should be 7% for men and 5% for women - rather than what is stated in the text (5% for men and 7% for women).

With these minor revisions I would be willing to accept this paper for publication.

Level of interest

Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

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