**Reviewer’s report**

**Title:** Association of urinary concentrations of early pregnancy phthalate metabolites and bisphenol A with length of gestation

**Version:** 1  **Date:** 20 Aug 2019

**Reviewer:** Laura Birks

**Reviewer's report:**

I would like to thank the authors for quickly responding to my comments. Most of my questions have been clarified and the manuscript has been much improved. However, there are a few more changes I would still request.

I appreciate your response to comment 4 regarding the exposure assessment. But I feel the Supplemental Figures 1 & 2 do not align with the text in methods. For example, in manuscript it says "For the pre-implantation window pool, the first 3 Monday samples were selected from the interval starting the day after the end of the LMP (defined as the first two consecutive days of no bleeding after the onset of menses) and ending on the day before implantation was detected." There is nothing in the figure that indicates Monday samples, or days after LMP. The figure should also mention n of study subjects.

Regarding comment 9, thank you for adding the figure. In the figure's description, it is important to add the n for pre- and post-implantation measurements. Also, please add in the figure's description how the HR relates to days of gestation. The reader should be able to look at this figure independently from the text.

Thank you for your response to comment 10. However, the discussion still does not address a suspected biological mechanism for their findings of interest.

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Please indicate how interesting you found the manuscript:

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