Reviewer’s report

Title: Health outcomes of non-nutritive sweeteners: analysis of the research landscape

Version: 1 Date: 01 Aug 2017

Reviewer: Tracy Schumacher

Reviewer's report:

I am satisfied that you have addressed the previous reviewer comments. However, more references need to be added to results. For example: Headaches results paragraph: "Two of them (one RCT and one cohort study) described a significant positive association, in the others no significant association was found between AS consumption and headaches." still requires referencing. Please check the entire results section to ensure that the referencing of studies is consistent and comprehensive.

Other minor comments:

- Suggest more formal language in the abstract: E.g."Numerous health outcomes including headaches, behavioural and cognitive effects, neurological effects, risk of preterm delivery, cardiovascular effects or risk of kidney disease were investigated in fewer studies and further research is required."

- Suggest revision of "To get a comprehensive overview", "and points out the"

- Please define "primary studies" at first mention.

- Inclusion criteria for the population - were there any age restrictions, or health or disease state requirements?

- L30, P10 Sentence "In this manuscripts we report on relevant systematic reviews, clinical trials, cohort studies, case-control and cross-sectional studies." would be better placed in the methods, not results.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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