Reviewer’s report

Title: The Effect of Culinary Interventions (Cooking Classes) on Dietary Intake and Behavioral Change: A Systematic Review and Evidence Map

Version: 1 Date: 31 Mar 2019

Reviewer: Megan McCrory

Reviewer’s report:

1. Lines 162-165. The authors are mixing nutrients and food groups; only some of the items listed are nutrients (fiber and unsaturated fat). The rest of the items listed are groups of foods or food categories. "Lean protein" does not make sense. Protein is a macronutrient, which is 4 kcal/gram. There is no way it can be lean or not. Perhaps the authors mean "sources of food which contain protein and are lean". Also, please make clear that the labels "favorable" and "unfavorable" were as used defined in the original studies.

2. Line 180. "Insufficient data" is still not explained. Please add explanation or definition.

3. Lines 273-274. What is meant by saying "…energy density was significant 'better'…” is unclear. A variable is either significantly higher, or significantly lower. Please clarify.

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

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