Reviewer’s report

Title: Impact of fruits and vegetables vouchers on food insecurity in disadvantaged families from a Paris suburb

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Reviewer: Ana Maria Segall-Correa

Reviewer’s report:

This pilot intervention research despite of its small sample size was able to show effectiveness of the strategy (F&V voucher distribution) used to promote healthy diet within vulnerable families experiencing food insecurity, as well its limited understanding about reasons for the observed failure to achieve the desirable impact.

The paper is adequate formatted and well written. Despite of that it deserves minor adjustments to be published.

In the method:

* Although it is indicated that detailed methods description is available in previous published paper it is important to have summarized the sample calculation procedures, the subject number and the one that was really achieved.

* It is relevant to show the criteria for selecting, at each family with more than one child, the one that formed parents/child pairs. It seems that only one child per family has its food consumption observed. Was it?

In the Results:

* Table 1: I would suggest to separate by an appropriate headings, thus in this same table, independent variables expressed by their means and SD (x and SD) from those described as proportions (n and %).

* Complete in the bottom of the table 1 the empty cells for food security status of Intervention Group and Control Group.

* Table 2. It seems that "Meat/Poultry/Fish" categories, either for adult and child consumption, were written in mistakly. Should it be the extremes of the distribution equivalent to: "Less than 1 or more than 3-4 per day"?
Table 3. There is no comment on workshop participation numbers which at end is different between the two study groups and could additionally strengths the FV Voucher/FS association.

In the discussion:

The topic has adequate bibliographic references which support the discussion about the research results. Nevertheless, because many of adult participants are from sub-Saharan countries the paper discussion should approach some study limitation due to people cultural characteristics, either related to food consumption and to the use of FV voucher, among others.

Conclusion. In my opinion the paper is suitable to be published with author's minor adjustments.

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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