Reviewer’s report

Title: Food choice motives including sustainability during purchasing are associated with a healthy dietary pattern in French adults

Version: 0 Date: 28 Apr 2017

Reviewer: Jiajie Zang

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Article of "Sustainable food choice motives during purchasing are associated with a healthy dietary pattern in French adults" (NUTJ-D-17-00089).

This article investigated the association between Sustainable food choice motives during purchasing and a healthy dietary pattern in French adults because sustainability has become a greater concern among consumers that may influence their dietary intake, however, only a few studies investigated the relationship between sustainable food choice motives and diet and they focused on specific food groups.

The article demonstrated that individuals were more likely to have a "healthy diet" when they were more concerned by not buying a food for environmental concerns, ethics and environment, absence of contaminants, local production in women and innovation in men, and when they were less concerned by price. Individuals were also less likely to have traditional or western diets when they gave importance to food choice motive dimensions related to sustainability. Individuals, especially women, having higher concerns about food sustainability dimensions such as ethics and environment and local production, appear to have a healthier diet.

These findings provide evidence for policy making of public health and awareness of general population. However, some questions need to be clarified were listed below:

Q1: Study sample is including a greater proportion of women and participants with higher education. Those characteristics that have been previously reported as demographic predictors of greater concerns for health and sustainability. Thus, individuals with greater concerns for health and sustainability may be over-represented in this sample.

Q2: Volunteers were invited to complete an optional validated questionnaire on food choice motives on the "Nutrinet-Santé" website, how to control the quality of the questionnaires is very important. Please clarify the quality control of the data collection.

Q3: The questionnaire included 63 items divided into 9 dimensions scores, the reliability and validity of the questionnaire need to be detected.

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