

# Review of: "Shopping bags: own or plastic? Theoretical explanation of pro-environment consumer behavior in Vietnam"

Tahereh Dehdari<sup>1</sup>

<sup>1</sup> Iran University of Medical Sciences

**Potential competing interests:** No potential competing interests to declare.

The topic of the article is very important and it is one of the environmental challenges, especially in developing countries.

- The text of the manuscript should be rechecked in terms of grammar and English language.

-The abstract needs to be revised. For example:

1-The abstract needs to correct and complete some incomplete sentences (e.g., in the result section).

2-In the abstract, what is meant of "the main associations"?

3-In the abstract, "Controlling for socioeconomic factors, mediation analyses showed that personal norms mediated the relationship between" is a incomplete sentence.

4-In the abstract, conclusion discussion needs to be revised. Provide a practical recommend for the practitioners in the field of pro-environment consumer behavior.

- The introduction needs to be reorganized. The course of presenting the content is somewhat disorganized. The reader of this manuscript should conclude that the behavior (shopping bag) is important; Which theory (TPB) is used to predict this behavior?; What are the weaknesses of this theory? and Integration of this theory with new theories can answer what gaps and finally, write the goal and the hypotheses of the study. Some other comments for revising the introduction include:

1- Add at least one reference to these sentences: "Therefore, most individuals were expected to use own shopping bags instead of when buying in supermarket. From this perspective, identifying psychological factors that influence choice of shopping bags is becoming increasingly important in the fields of pro-environment behavior research".

2- In the introduction, explain why TPB was integrated with NAM in this study? Did the TPB have some weaknesses that could be completed by NAM?

3-Delete the hypotheses of the TPB and NAM. It is not necessary to write a separate hypothesis for each of them. In

general, write some important and basic hypotheses in line with the most important objectives of the study, which is the integration of two theories.

4- It is not necessary to explain about confounding effects in the introduction. There are socio-economic condition items in your demographic information questionnaire. These variables are also included in the analysis. It is better to limit the explanation about them to the method, results and discussion of the manuscript.

- The methos needs to be reorganized. For example:

1-The method should start with explanations about the studied samples. Then, provide the conditions for entering the study, the place and time of the study and so on. Methodology headers and their content should be reorganized.

2-The steps of developing and validating the used questionnaire have not been explained. It is not clear if the authors themselves designed the measurement tool or if they used measurement tools designed by others. I suggest you look at the sample manuscripts published in similar fields (e.g. DOI: [10.1007/s11356-023-27645-3](https://doi.org/10.1007/s11356-023-27645-3) and so on).

3- In Table 1, Cronbach's alpha values of each construct should be written in a separate column.

4-Add short explanation about items of demographic information questionnaire in the methods.

5- Add all statistical tests used in the statistical analysis section.

- The results need to be reorganized. The results are unclear. For example:

1-This finding is unclear. "There were significant differences between income (<6 million) and income (≥6 million) with respect to age group, gender, employment status, and marital status". In my opinion, there was no need to do this analysis. Please, reconsider the finding.

2- Has the NAM and TPB theories been revised in this study?As far as I understand, your intention is to integrate the two theories. What change has been done separately on this theory?

-The discussion needs to be reorganized. It needs to more comparisons with similar studies. Emphasize the important findings of the study.

- conclusion discussion needs to be revised. Provide a practical recommend for the practitioners in the field of pro-environment consumer behavior.