

Review of: "Mobile Phone Recycling and Stockpiling Behaviour in the UAE: A Gender and Age Study"

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Potential competing interests: No potential competing interests to declare.

I will like to commend the effort of the author of this study for this write up. This is a nice study. Meanwhile I have some comments which the author will have to attend to in order to make this study better.

1 . ABSTRACT:

- The abstract session do not have a well explained methodology.
- The author just went straight to report the result.
- A good abstract must contain methodology.
- The author should try and summarize the methodology in the abstract section.
- To guide the author as per how a good abstract should be written, Please read this paper titled:*Waste Disposal Awareness, Practice and the Attitude of Selected South African University Students: Implications for Environmental Education. J Hum Ecol, 65(1-3): 12-25 (2019) DOI: 10.31901/24566608.2019/65.1-3.3127*

2. INTRODUCTION:

The introduction aspect is not encouraging and therefore needs a little bit of adjustment.

- The introduction does not reflect the title in any way. (*Mobile Phone Recycling and Stockpiling Behaviour in the UAE: A Gender and Age Study*).
- The author has only written generally about mobile phone. The author should try and take a look at the title and compare with what has been written in the introduction. For example, nothing is written about recycling and stockpiling.
- How about other studies that have written about gender and age?. Since the main variables in your study tile are Mobile phones recycling, stockpiling, age and gender. It is very important that you also discuss them vividly. For instance. Several studies have been conducted on demographic variables such as gender, age, educational level, socio-economic status for different issues. Though in the case of the author, there is only an emphasis on gender and age. Please try to go into literature and include this (You can still refer to the article above for example). That is why keywords are required sometimes as you have also stated in this work. They are to guide authors in writing the literature review.

-To help the authors, I feel it will be very good if the authors can have short subheadings where an overview or a recap of some of the issues in the title are discussed based on what others have written. For instance,

-*Mobile phone recycling behaviour*

-*Mobile phone stockpiling behaviour*

-*The effect of gender on mobile phone recycling and stockpiling behaviour*

-*The effect of age on mobile phone recycling behaviour*

-Don't you think you can also write on *health risks of storing phones* and make it a subheading which is a very important aspect of this study. Even though you mentioned it briefly in the introduction but you can elaborate it. This will help to educate your readers on choosing to recycle their phones instead of storing or keeping them unnecessarily

-All these still depends on the author. These are only suggestions

-I also want to suggest that before reporting about mobile phones issues in the UAE, it is very important that the first paragraph should reflect what is happening at a global level. --The author should try and reference this statement on line 3: *This trend is attributed to the continuous advancements in mobile phone technology, spurred by the rapid growth of digital businesses and intense competition among smartphone manufacturers to release new models annually(Reference). *Another important thing to bring to the attention of the author is that the author should try making a little more effort to add to the introduction section. It is somehow too short.*

3. METHODOLOGY

-I still have issues with the issue of the methodology section. This part is not still well organized. Instead of lumping all the sub methods together, why don't you think of separating them and let them be under separate subheadings....For example,

-Selection of participants or number of participants

-Instruments and procedure for data collection

-Data analysis... etc.

-You can still refer to the article above or search online for other articles and read about organization of methodology section

4.DATA ANALYSIS AND DISCUSSION

*The results of the study lacks clarity.

Infact, there is no section in this study that says "Results" except if that (Data analysis and discussion) is the format of the Journal. If not, then Data analysis should come under a different headings, followed by *Results* and followed by

Discussion. Results should normally be an outcome of Data analysis and discussion is where the results are further discussed.

-It is very important to have a table on demographic data of participants since part of your study focuses on that.

-Were all the questionnaires returned? There is a need to explain if all the administered questionnaires were returned or not and the percentages. *For example, of the 200 questionnaires administered to the participants only 50(25%) copies were returned* (This is just an example)

-The author mentioned something about "*based on a five-point Likert scale*". Looking at the tables, there is nothing showing that.....not sure if it is necessary

-Even though there is a heading that says "Discussion", the author has not done justice to this aspect. This is why this section normally stands alone so as to give room for more explanation..

-Discussion is a section where the results of the study are discussed and compared with the findings from other studies.

-If it is possible, I advise that the author should try and make it a separate heading so it can stand alone.

5. CONCLUSION

In the conclusion, there is more emphasis on demographics...This means that the study actually focuses on these. That is why the literature aspects as mentioned earlier should also reflect more on these..

I can also notice that there is no aspect that says "**Recommendations**" which should normally come after the conclusion section. I am not sure if that is the format of the Journal still. If not please try and include this important section.

Recommendations are suggestions made based on the results of the study. This means measures to be taken to improve the matters or issues being studied on investigated. In other words and for examples, unnecessary storing of phones rather than agreeing to recycle can be mitigated if certain measures are put in place and followed.

-I can see that the author has actually highlighted some of these measures under the conclusion aspect (The whole of paragraph 3).

- The insights offered by this study have practical implications for stakeholders in the mobile phone industry, including manufacturers, policymakers, and environmental organizations. ----Understanding the factors that influence users' recycling intentions can aid in the development of targeted strategies to promote sustainable mobile phone recycling practices.
- By addressing concerns related to data security, privacy, and perceived benefits, stakeholders can encourage greater participation in recycling efforts and reduce the accumulation of electronic waste, reduce indicates a decrease in the frequency of mobile phone replacements. Storage of mobile phones after their useful life is the most common method of disposal, and it is one of the major obstacles to reuse, recycling, and metal recovery(Prabhu N & Majhi, 2022). Overall, this research contributes to existing knowledge by exploring the demographic differences in attitudes towards

mobile phone recycling and stockpiling in the UAE.

- It underscores the need for tailored reverse supply chain management system approaches to effectively engage mobile phone users in recycling activities. By adopting sustainable practices and promoting responsible disposal of mobile devices, the UAE can mitigate the environmental and health risks associated with e-waste, thereby contributing to a more sustainable future.

6. REFERENCES

-The reference section lacks consistency. It is very important to be consistent when preparing your references. For instance, the author need to look into the matter of websites links for the references. I notice that some of the references do not have website links while some have. Apart from that, the authors have used "DOI" for some of the references and other website links for some.

-For example, this reference number 2. on the reference list : **(Attia, Y., Soori, P. K., & Ghaith, F. (2021). Analysis of Households' E-Waste Awareness, Disposal Behavior, and Estimation of Potential Waste Mobile Phones Towards an Effective E-Waste Management System in Dubai. Toxics, 9(10), 236)** has got no website link

-Reference number 5. **(Ben Yahya, T., Jamal, N. M., Sundarakani, B., & Omain, S. Z. (2022). The Potential Determinants for Smartphone Recycling Behaviour Sustainability in Uae. Sustainability, 14(4), 2282. <https://www.mdpi.com/2071-1050/14/4/2282>)**.....This has got a website but not a DOI

-Reference no 12. **(Martinho, G., Magalhaes, D., & Pires, A. (2017, Jul). Consumer Behavior with Respect to the Consumption and Recycling of Smartphones and Tablets: An Exploratory Study in Portugal [Article]. Journal of Cleaner Production, 156, 147-158. <https://doi.org/10.1016/j.jclepro.2017.04.039>)**..This has got a DOI

-The last reference on the list. **(Yin, J. F., Gao, Y. N., & Xu, H. (2014, Feb 15). Survey and Analysis of Consumers' Behaviour of Waste Mobile Phone Recycling in China. Journal of Cleaner Production, 65, 517-525. <https://doi.org/10.1016/j.jclepro.2013.10.006>)**. This has got a DOI.

-Looking at all these inconsistencies, I will like to suggest that you leave the references without any website links. If it will require that you should include the links then you have to make sure you have links for all of them and preferably "DOI" which is more acceptable by most journals.

-Also for those references with normal website links, you can go online and replace them with DOI.

-For example for reference number 5, **(Ben Yahya, T., Jamal, N. M., Sundarakani, B., & Omain, S. Z. (2022). The Potential Determinants for Smartphone Recycling Behaviour Sustainability in Uae. Sustainability, 14(4), 2282. <https://www.mdpi.com/2071-1050/14/4/2282>)** I checked online for the DOI. The DOI is: **<https://doi.org/10.3390/su14042282>**. Please replace with the normal website link.

-Please do this for all the other references

-Also, some of the references have got no page numbers. Please try and go through all the references and fix. For

example, when i checked this reference,(Number 11).(*Kianpour, K., Jusoh, A., Mardani, A., Streimikiene, D., Cavallaro, F., Nor, K. M., & Zavadskas, E. (2017). Factors Influencing Consumers' Intention to Return the End of Life Electronic Products through Reverse Supply Chain Management for Reuse, Repair and Recycling. Sustainability, 9(9), 1657*), I discovered that the author did not put the page numbers. Checking online, I discovered that the page numbers is*Sustainability, 9(9), 1-23*.....

For those articles with no page numbers on the citation, or with only one number on the citation you can use the pages on the article

For example, Reference number 2: Pages: 1-24

Reference number 4: pages 1-19

Reference number 5: pages 1-17

Reference number 6: 1-26

Reference number 11 as written above is: Pages 1-23.

Please check for other references with only one page number, download the articles and use the page numbers on the article.

Lastly, Generally, please check for wrong spellings and grammatical errors.