

Review of: "Study of environment-behavior in three types of the urban context of Tehran — Comparative analysis of the Chizar, Narmak, and Khazane neighborhoods' context using survey and space syntax methods"

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Potential competing interests: No potential competing interests to declare.

This is a very interesting study. The paper would benefit immensely from a professional editor, improving the English proficiency. The content is good but it can be shortened. Also, it seems the paper can be better organized and some redundancies could be avoided resulting in a more clear and concise paper that requires less time to read. Below are some of my suggestions and comments on different sections for the authors(s).

Abstract:

The abstract is good but lacks the research necessity and also sharing what are the outcomes if any.

Keywords:

E-B Studies. It is good to provide the full term and then start using its acronym.

Introduction:

- E-B study to my understanding is Environment-Behavior Study. The intro started with E-B studies. It is good to provide the full term and then start using its acronym.
- The study relies heavily on (Churchman, 2002) which is not a very recent source. Most of the citations are relatively less recent. Other than ((Marcus, 2018)).
- Using more recent sources would enhance the quality of the paper.
- Keep the research limitation for later : "Research limitations include the limitations of the space syntax method mentioned above and the intrinsic limitations of the observation and questionnaire methods (Groat & Wang, 2002). The parallel use of the two ways is set to cover these limitations."
- Last paragraph of the intro is a summary of different sections that is not necessary and would save author(s) word counts if needed.
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Literature review:

- First paragraph can be removed: "The complete literature review of two areas of E-B studies and space syntax is

outside the scope of this research. Therefore, in this paper, we address works with an interdisciplinary approach similar to the present study and comparative studies of different urban contexts.”

- The literature review provides good information. But they are mostly unnecessary for a research paper. It should be assumed that the audience reading this paper are familiar with the fundamentals of the topic.
- The literature review can be combined with the introduction and therefore reduces the length/ word count of the paper.

Research Method:

- Research method is clear but it can become more concise.

Study Context:

- Lots of good information there.
- Just take a closer look at the tables. There are some text inconsistencies. You might want to consider to keep the formatting consistent in all tables.

Discussion:

- Very informative charts and tables being provided.
- The discussion section is very thorough and places the current study within the larger context of the similar studies in a successful way.

Conclusion:

- Conclusion can be shortened

For example this part can be completely removed: “In this study, three types of contexts, including organic (historical) in Chizar, orthogonal (modern) with a combination of urban squares, and orthogonal combined with hierarchical passages in the Khazane, were compared in two survey and software analysis methods with space syntax method. The results were reported in the form of some tables and a system of correlations between the results of the two methods. These results add analyzable information to the existing knowledge about these contexts regarding significant relationships between the features that can be studied with the space syntax and behavioral science topics.”