

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.

Thanks for submitting the article for reviewing, some of my main points are as follows:

The introduction Section

- Some sentences / claims need reference and enough reference, for example, the following sentences can be mentioned

Some experts have blamed environmental psychologists for ignoring real-life design issues and others for reluctance to apply the findings of environmental studies. Others have cited communication problems between the two groups as the main reason for this failure (Hubbard, 1992). For example

- The application of some concepts in the text needs to be accurate and consistent, for example, 'space syntax' has been mentioned as a 'method' in the abstract section and as a 'theory' in the introduction section, and this problem can be seen in other sections as well. It seems that The author's goal is more of a methodological approach. Nevertheless, a clarification is needed.
- In addition, it is not conclusively clear whether the article's purpose is to study the gap existing in the literature regarding space syntax method or what is mentioned in the title. It seems that, in practice, more emphasis has been placed on space syntax method . If this is the case, it is necessary to revise the purpose of the research.
- In the following paragraph, it seems that the author aims to show the gap in the theory of space and syntax method/theory, which for instance this study intends to fill, but it expresses most of its limitations. It requires clarification and correction. To some extent, the next paragraph is on the right track, but the problem is that it cannot be derived from the previous paragraph. It seems that the author's intention is to explain the shortcomings rather than the limitations.

"However, the space syntax method also has some limitations, despite its many advantages, such as providing software systematic study for researchers and designers and the need for fewer data than other methods of human behavior studies. ... Others have introduced the inattention to metric spatial attributes, including distance and direction and superficial appearance of the environment, lack of special attention to the different choices of individuals personally or in

groups, and overlooking the height and 3D qualities as the limitations of this method (Montello, 2007).”

The literature section

The literature section is only focused on past studies, there is no approach or theory. I think there is nothing wrong with it. But the author should bring a research background in the form of common space syntax method approaches. For example, studies in this subject have been based on three approaches and so on. In addition, we do not see the output of the literature section, as the framework of the study in the sense that the axes/questions of the study can be extracted. Therefore, it is difficult task for a reviewer to properly review and comment on the following parts, including the findings and conclusions.

The method section,

The three components that the author believes to be a research gap should be operationally defined in the abstract and introduction, how it was measured and so on. In addition, don't you think that 32 cases are too few to do statistical work and calculate correlations, and to give reliable results? (Giving the fact that this work has been done in a metropolitan city like Tehran.) However, to have fairer review a reviewer specializing in methodology is suggested in this regard.