

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 research is interesting in that it aims to connect E-B studies with space syntax theory/approach based on the comparative analysis of three distinct and representative neighborhoods. It has the potential to contribute to the literature. Yet, the current version may benefit from major revision.

Major issues:

1. The methodology is not clear. The variables used need further elaboration. As for the Space Syntax approach, I'm not sure why so many indicators are included. The visibility and axial analyses are very different in their usage and objectives, so the selection should be justified. One critical issue is that the sample size may not be representative, as the population (the local residents) is too large, and thus the correlation result is questionable from a statistical perspective.
2. Literature review. I would suggest the author focus on two themes: 1) the relationship between space syntax theory and E-B studies (main attributes and key rationales) and 2) the methodological evolution of space syntax in relation to E-B studies.
3. Results and Discussion. More details of the result should be presented and explained in the results section. The discussion section is a bit ahead of the information provided in the results section, and thus it is hard for readers to follow the reasoning.

Minor issues:

1. I noted that many citations are quite outdated. More recent ones should be reviewed.
2. Subheadings in the Literature, Results, and Discussion Section would be helpful.
3. The qualitative data, like observation data, should be incorporated appropriately.
4. Clear research questions could help readers capture the key arguments.