

# Review of: "The Moderating Effects of Urban Design on Willingness to Walk in a Tropical City"

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

The manuscript presents an interesting and relevant study that explores how urban design impacts the willingness to walk (WTW) in a tropical city, specifically Singapore. The findings contribute to a better understanding of the role urban environments play in promoting physical activity, which is especially important for public health in tropical climates. The methodology used, including the quasi-experimental design and real-world walking assessments, strengthens the study's validity and makes it a valuable contribution to the field.

This study aligns well with the journal's scope, as it addresses environmental and public health issues in an innovative way, providing significant insights for both urban planning and behavioral science.

However, before publication, the following minor improvements are suggested:

**Clarification of Statistical Analysis:** While the results section presents regression analyses, it would benefit from a more detailed explanation of the relationship between the environmental variables and WTW. Specifically, a clearer breakdown of how each factor contributes to walking behavior could enhance the reader's understanding.

**Sample Size Justification:** The manuscript briefly mentions the sample size (101 participants), but further explanation of how this number was determined, along with any limitations regarding its representativeness, would be helpful.

**Participant Characteristics:** While participant demographics are provided, further discussion on how variables such as age, gender, and familiarity with the environment may influence the findings would strengthen the analysis.

**Visual Enhancements:** The study could benefit from additional visual representations, such as graphs or charts, that compare environmental factors across different segments of the walk. This would make it easier for readers to visualize the data trends and understand the impact of different environmental elements.

**Implications for Policy and Urban Design:** While the discussion highlights the relevance of the findings, a more detailed exploration of the policy implications for urban planners and public health professionals could enhance the practical application of the results.

In summary, this is a well-executed and informative study that requires minor revisions to improve clarity and depth. I recommend it for publication following these adjustments.

