

# Review of: "Could geographical features of green spaces influence physical exercise? Examining the roles of neighbourhood diversity and single status"

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Potential competing interests: No potential competing interests to declare.

This manuscript delves into the relationship between geographical features of green spaces and physical exercise, particularly in the context of neighborhood diversity and marital status. The study investigates various factors such as transport modes, travel duration to green spaces, and exercise time. Notably, it finds that neighborhood diversity and being single can influence the choice of transport modes and the amount of time spent on vigorous exercise. This research highlights the significance of residential surroundings and marital status in shaping individuals' preferences for transportation methods and their engagement in intense physical activities, emphasizing the need for further exploration of these dynamics.

The manuscript's topic is interesting, well-written, and provides a valuable reference for the field. However, before publication, it needs some modification, with below specific comments:

1. expand the conclusion section and provide a concise summary of the study's achievements and implications.
2. Add a paragraph or subsection to the end of the discussion section to discuss the practical implications of the research.
3. Consider adding more information and details to acknowledge the various ecosystem services and benefits of green spaces.
4. Figure captions (Figure legends) need to be more descriptive. Currently, readers may have difficulties understanding the concept of the figures. The author may add more information.
5. I am not aware of the journal's specific formatting regulations. However, if permissible, I recommend reorganizing the manuscript sections for improved clarity for readers. For instance, you could structure it as follows: 1. Introduction (including a literature review), 2. Methods, 3. Results, 4. Discussion, and 5. Conclusion.
6. Typically, an abstract should be a single paragraph. Is the separation into different sections a specific requirement of the journal?