

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.

The article titled “**Could geographical features of green spaces influence physical exercise? Examining the roles of neighbourhood diversity and single status**” by the author Ming Guan explores the association between geographical features of green spaces and green physical exercise.

The paper is well written, but needs clarification on the following comments/ suggestions.

Major comments:

Page 1, para 3:

Expand the abbreviation LGS, which shall enable the readers to know about it in abstract rather the going through the entire article.

Page 1, para 5:

Use of MeSH terms in keywords would have been better, as it would provide the article more visibility in case of article search

Page 3, para 2:

As this article is based on secondary data analysis, the author needs to explain about the “written informed consent” which was taken up in the primary study. As the primary study was an online survey, how was the process of obtaining written informed consent carried out?

Page 4:

Was the questionnaire used in the primary study validated?

Page 10:

Expressing the relationship between continuous variables would have better when Correlation coefficient

Page 16:

Discussion section appears limited. The duration to walk to LGS can be influenced by various factors apart from distance

to LGS, such as traffic in the area, road intersection density, terrain, etc. More on the factors influencing the access to LGS could have added advantage to this study.

The author discusses about depression and comorbid conditions which are not explored in any part of the results. If any data is available regarding these topics, it will better to provide the data before discussing on it.

The author can further add on the biases involved in the study.