Reviewer’s report

Title: Use of a public park for physical activity in the Caribbean. Evidence from a mixed methods study in Jamaica

Version: 0 Date: 06 Feb 2019

Reviewer: Charles Wheater

Reviewer's report:

This is an interesting study that could provide a baseline for future work in this geographical region that has been under researched in this topic. There are a number of aspects of the manuscript that should be addressed to reassure the reader that the study is robust.

a) there is no clear justification for the use of this particular park as the focus of the study (see also point c).

b) the quantitative analysis seems to include parametric analysis on data that may be non-normal (and in some cases is potentially truncated - percentage / proportion data) - it is not clear whether this has been tested and/or addressed.

c) the use of a single park which appears to have unusual characteristics may provide interesting information for planners but this aspect should be included in the major part of the discussion rather than simply included within the limitations section (e.g. the fact that this park does have certain unusual features - facilities, security, etc. - could be portrayed as positive attributes for future park management in order to gain increased usage and level of physical activity from target users).

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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