Review of: "How Urban Heat Islands Effect Crime: Understanding the Implications of Temperature, Population Density, and Green Canopy Cover in Shaping Built Environments"

Daqian Liu

Potential competing interests: No potential competing interests to declare.

Taking Midland, a suburb of Perch in Australia, as a case study, the authors analyzed the relationship between crime and temperature, population density and green canopy cover.Generally, the authors have made a comprehensive consideration on this topic. However, I think the contents of this study is scattered. In my opinion, just focusing on and analyzing deeply the relationship between crime and temperature in a city in Australia is good enough. Some suggestions are followed which I hope can provide some help for revising the manuscript.

1. It seems that the section of "Urban Heat Island Studies" is not so necessary because the link between this part and others is weak from my point.

2. Instead of the abbreviation, I think it is more favorable to use complete format of the crime. For example, I am confused of the "OaPty" in the sentence of "OaPty (μ=529.22; σ=71.25) has highest average crime rates" when I read this part. In table 2, I think it will be more readable if the OaP is changed to "Offences against a Person".

3. I think it will be very good if the authors could make some theoretical discussions on the results of the study. For example, whether the routine activities theory, crime pattern theory and the broken window theory can be used?