Review of: "A QGIS Grid-Based Study to Understand the Relationship Between Land Surface Temperature and Greenness in Urban Areas"

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Potential competing interests: No potential competing interests to declare.

After reading the article, some points can be reconsidered...

The study is based on a single Landsat image from March 2020, which represents a specific point in time. This snapshot may not capture the seasonal or annual variations in the relationship between NDVI and LST, which could be an important consideration in understanding the dynamics.

While the grid-based approach provides a systematic sampling method, the use of a 5 km grid spacing may miss small scale variations in the urban landscape. Finer-resolution analysis could reveal more nuanced patterns and relationships.

The study is focused on a single city (Delhi), the findings may have limited generalizability to other urban areas with different climatic, geographical, and developmental characteristics. Expanding the research to multiple cities could strengthen the broader applicability of the conclusions.