

# Review of: "Building Urban Resilience through Mega-Events: A Systematic Review using Text Mining and Natural Language Processing (NLP)"

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Potential competing interests: No potential competing interests to declare.

This paper aims to explore the link between urban resilience and urban mega-events and to better understand how effective planning, sustainable development, and social capital can be used to enhance urban resilience. This study provides valuable insights into the following minor issues:

- (1) The content and formatting of some of the tables in this paper are not standardised enough, such as Table 5, Table 7, Table 8, etc. It is recommended that the authors double-check the formatting of the charts and tables in the paper to enhance the readability and interpretability of the paper;
- (2) For section 2.4, authors are recommended to provide specific analyses of the reasons for choosing urban resilience, events, and tourism as keywords and should assess whether the screened articles demonstrate that urban resilience is multidimensional, providing credibility and persuasiveness for this paper;
- (3) The literature review should be improved significantly, and the latest references should be supplemented. The following references are suggested for consideration:[1]Resilience analysis of urban road networks based on adaptive signal controls: day-to-day traffic dynamics with deep reinforcement learning;[2]Promote transport facility Resilience: Persuasion or Subsidy?[3]Seismic resilience assessment of interdependent urban transportation-electric power system under uncertainty;[4]Resilience assessment of multimodal urban transport networks.
- (4) The study acknowledges that analyzing only 11 articles might not be sufficient. This limitation should be discussed more extensively, including how it might affect the findings and the generalizability of the paper;
- (5) It is recommended that the authors include different perspectives in their analyses of the cases, such as adding more case studies from different geographical regions, to provide a more global perspective on the relationship between urban resilience and mega-events.
- (6) The use of NLP in analysis is mentioned in the paper but not explained in detail. The paper could have benefited from a more detailed explanation of the text mining and NLP techniques used in the research, including details specifying the software or tools used, the parameters set for the analysis, and how sentiment scores were calculated, among other details, as a way of interpreting the sentiment of the text, as well as any other linguistic features studied.