

Appendix 1

Availability of data and materials

The datasets supporting the conclusions of this article, derived from the Web of Science database covering publications from January 1990 to March 2024, are included within the article and its supplementary files. Specific bibliometric data, including articles, citations, and software outputs from CiteSpace and VOSviewer used for data visualization and analysis, are available upon reasonable request from the corresponding author. Additionally, the methodological framework and detailed analysis steps, including search strategies, inclusion and exclusion criteria, and the statistical and network analysis techniques employed, are thoroughly documented in the manuscript. This ensures that researchers can replicate the study or extend its findings to include new data.

The bibliometric tools used in this study, CiteSpace and VOSviewer, are publicly available software.