

## PRISMA Checklist

Section/Topic	Checklist Item	Addressed in Manuscript
<b>Title &amp; Abstract</b>	Identify the report as a systematic review.	Yes. The title mentions it is a meta-analytic study, and the abstract summarizes methods, results, and conclusions.
<b>Introduction</b>	Rationale for review and objectives clearly stated.	Yes. Background and objectives are detailed in the introduction.
<b>Methods</b>	Eligibility criteria described (inclusion/exclusion).	Yes. Stated in "Methods," includes study years (2000-2024) and types of sources (journal articles).
	Information sources described (databases and search terms).	Yes. Sources: Scopus, Google Scholar; keywords like "analytics," "sustainability," and "operations management" used.
	Search strategy explicitly outlined or available.	Yes. PRISMA-compliant keywords and database search are specified.
	Process of study selection detailed (screening, inclusion, exclusion).	Yes. Explained in the "Purification" subsection, where 857 articles were selected from an initial 1072.
	Data extraction methods described.	Yes. Bibliometric analysis with Excel and VOSviewer.
	Risk of bias in individual studies.	Not specifically addressed.
	Synthesis of results (qualitative and/or quantitative).	Yes. Bibliometric and meta-analysis methods used.
<b>Results</b>	Study selection flow described, including reasons for exclusion.	Yes. Stated in "Purification," where conference papers and duplicates were excluded.
	Characteristics of included studies detailed (e.g., authors, countries, citations).	Yes. Results include publication trends, top journals, contributing authors, and country-based insights.
	Results of risk of bias across studies reported.	Not directly addressed.
<b>Discussion</b>	Summary and interpretation of results in the context of existing evidence.	Yes. Includes discussion of global trends, research gaps, and implications for practice and policy.
	Limitations of the review discussed.	Yes. Limitations include reliance on the Scopus database.
<b>Funding</b>	Funding sources and conflicts of interest declared.	Yes. The manuscript explicitly mentions grant and funding information.
<b>Data Availability</b>	Data sources publicly available.	Repository details given in paper