

Quiz: Reproducibility

AI-Based Detection of Hedge Fund Fraud

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Question 1

How many databases were searched for the systematic review?

- a) 3
- b) 4
- c) 5
- d) 7

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Answer

c) 5

The systematic review searched five databases: Web of Science, Scopus, IEEE Xplore, PubMed, and arXiv. This multi-database approach ensures comprehensive coverage of academic literature.

Question 2

What does SALSA stand for in the review methodology?

- a) Systematic Analysis of Literature and Scientific Assessment
- b) Search, Appraisal, Synthesis, Analysis
- c) Statistical Analysis for Literature Survey Approach
- d) Structured Assessment of Literature Sources and Articles

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Answer

b) Search, Appraisal, Synthesis, Analysis

The SALSA framework structures the systematic review into four phases: Search (identification), Appraisal (quality assessment), Synthesis (data extraction), and Analysis (findings integration).

Section 8: Review Methodology

Question 3

How many initial papers were found in the database searches?

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- b) ~200
- c) ~350
- d) ~500

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Answer

d) ~500

The initial database search identified approximately 500 papers. After removing duplicates, screening titles/abstracts, and full-text review, the final systematic corpus contained 105 papers.

Question 4

What is the final systematic corpus size after all screening stages?

- a) 80
- b) 105
- c) 169
- d) 297

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Answer

b) 105

After title/abstract screening, full-text assessment, and quality appraisal, exactly 105 papers were included in the final systematic corpus for detailed analysis and synthesis.

Section 8: Final Corpus

Question 5

What is the primary SEC data access system mentioned?

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- b) MIDAS
- c) DERA
- d) CRQA

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Answer

- a) EDGAR

EDGAR (Electronic Data Gathering, Analysis, and Retrieval) is the SEC's primary system for accessing public filings, including Form ADV disclosures from hedge funds and investment advisers.