Text and Data Mining for Systematic Reviews – Investigating Trends to Update Collaboration Services

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Health Sciences Research Support Coordinator; Health, Life Sciences, and Scholarly Communication Librarian
University Libraries, Virginia Tech

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Abstract:
When discussing project planning for systematic reviews and meta-analyses with faculty and graduate students, librarians sometimes hear wistful inquiries about automated approaches. Systematic reviews (SRs) require management, analysis, and synthesis of large amounts of data, perhaps particularly those including numerous studies with qualitative text-based data. To investigate how text and data mining approaches might be used in SRs to increase project efficiency, the author conducted, and reports on the results of a literature review.

Reference List

Recommended Readings

[1-5]

Articles about the Use of Text or Data Mining in Systematic Reviews or Meta-Analyses

[1-57]

Examples Systematic Review or Meta-Analysis Studies Using Text or Data Mining Techniques

[58-81]
Reference List

Overview Readings


Studies on Use of Text and Data Mining Methods for Systematic Reviews / Meta Analyses

15. Nepomuceno, V. *Decision support architecture for primary studies evaluation*. 2015. CEUR-WS.


55. Yang, J.J., A.M. Cohen, and M.S. McDonagh, SYRIAC: The systematic review information automated collection system a data warehouse for facilitating
automated biomedical text classification. AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium, 2008: p. 825-829.


Examples of Systematic Review / Meta-Analysis Studies Using Text or Data Mining Methods


62. Qazi, A., J. Quigley, and A. Dickson. Supply Chain Risk Management: Systematic literature review and a conceptual framework for capturing interdependencies between risks. 2015. Institute of Electrical and Electronics Engineers Inc.


