



# Systematic Literature Review – Enhancing methodology competences of young researchers

Dr. Franziska Klatt | Economics and Management Library | INCONECSS 19.5.2022





#### Agenda



- 1 About us
- 2 Systematic Literature Review (SLR) method
- Background & objectives for SLR services offered at DBWM
- 4 Method and approach
- 5 Findings & lessons learned
- 6 Implications
- 7 Q & A





# Economic and Management Library (DBWM)





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- special library of the Faculty of Economics and Management since 1968
- second largest library at Technische Universität Berlin
- students, teachers, and researchers of the faculty are the primary target group
- first academic library in Germany awarded as "Ausgezeichnete Bibliothek" (distinguished library) in 2013
- library staff: 11,5 + library student assistants





# A systematic literature review is an independent academic method...



### SYSTEMATIC LITERATURE REVIEW METHOD (SLR)

- independent academic method
- replicable, scientific and transparent process
- predefined inclusion and exclusion criteria
- literature selection by at least two persons





### ...that aims to minimize bias and redundancies in research



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#### **SLR OBJECTIVES**

- identify and evaluate all relevant literature on a topic
- minimize bias through a formalized approach
- avoid research redundancies
- identify research areas, gaps and methods
- identify links between different areas of research
- support evidence-based management





### Background and objectives of SLR services offered at DBWM



- methodology competency gaps regarding searches in Economic databases
- increasing requests for SLR consultations
- adaptation of SLR method to the Economic context was needed as it originated from health science
- practically no support for Economic researchers regarding SLR method



Closing the SLR service offering gap for researchers in Economics





#### Method & approach

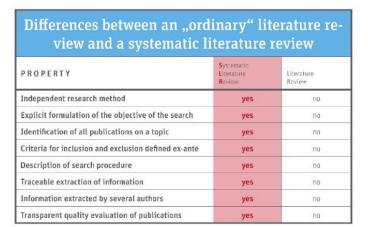


- detailed description of SLR process adapted to Economics on the librarys' website (2019)
- learning videos like e.g. "Understanding retrieval bias"
- discussion of selected articles that applied SLR method along SLR process
- SLR consultations
- support as SLR reviewer for publications

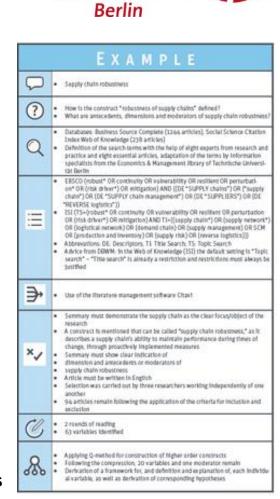


### Method & approach





#### **SLR** differences to ordinary reviews

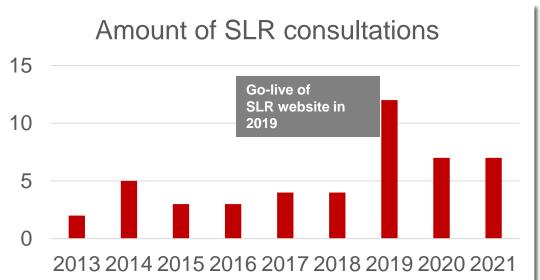


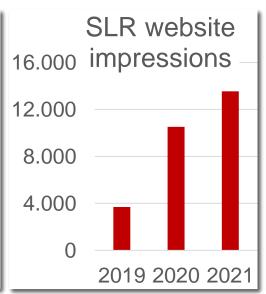
Technische Universität

**Discussion of SLR examples** 

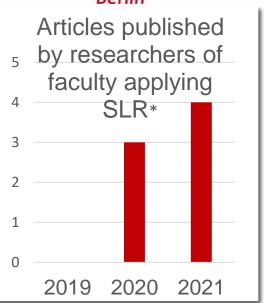


### Findings & lessons learned









Increased SLR consultations, website impressions and publications as well as quality of search strategy

\*not all publications of the faculty researchers have been accessible due to a relaunch of TU Berlin websites', only articles that use SLR in the title considered





### Findings & lessons learned



- Intensive consultation along SLR process required → at least two employees necessary
- Good entry point for enhancing required research skills of researchers since they are often not fully aware of lacking these skills (database search, content analysis)







#### **Implications**





- SLR service offerings helpful to support methodology competences of young researchers at Faculty for Economics and Management
- openness: SLR information available to everyone via DBWM website
- next step: creating SLR open educational resources (OER)
- opportunity: Establishing SLR network today!





### Q & As









### Thank you for your attention!





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