Online MAXQDA workshops coming up…
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20 & 21 April – Thematic Analysis using MAXQDA
9th -12th May – Qualitative Text Analysis using Digital Tools (MAXQDA)
19th & 20th June – Doing Evidence Reviews using MAXQDA

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Spotlight : Literature Reviews with MAXQDA

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Literature review methodologies

DOI: 10.1111/j.1471-1842.2009.00848.x

Review Article

A typology of reviews: an analysis of 14 review types and associated methodologies

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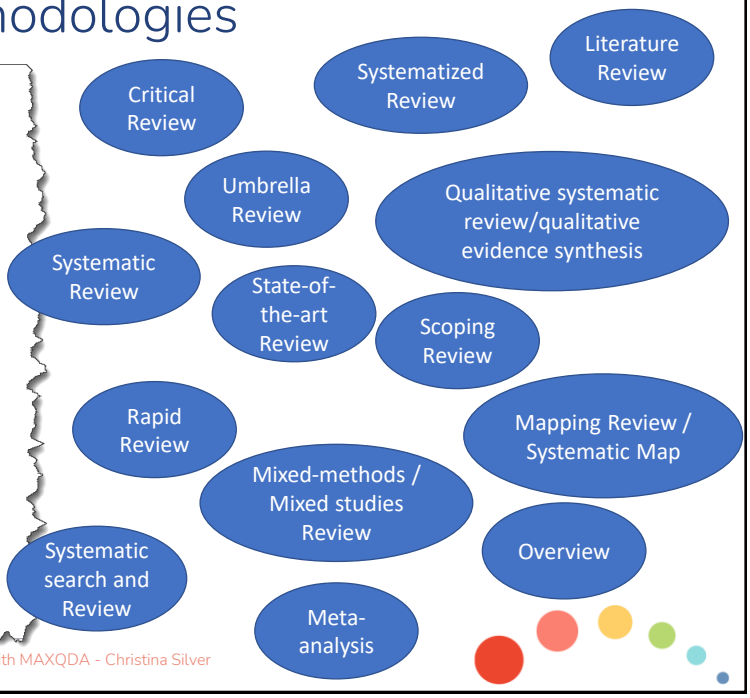
Abstract

Background and objectives: The expansion of evidence-based practice across sectors has lead to an increasing variety of review types. However, the diversity of terminology used means that the full potential of these review types may be lost amongst a confusion of indistinct and misapplied terms. The objective of this study is to provide descriptive insight into the most common types of reviews, with illustrative examples from health and health information domains.
Methods: Following scoping searches, an examination was made of the vocabulary associated with the literature of review and synthesis (literary warrant). A simple analytical framework—Search, AppraisaL, Synthesis and Analysis (SALSA)—was used to examine the main review types.
Results: Fourteen review types and associated methodologies were analysed against the SALSA framework, illustrating the inputs and processes of each review type. A description of the key characteristics is given, together with perceived strengths and weaknesses. A limited number of review types are currently utilized within the health information domain.
Conclusions: Few review types possess prescribed and explicit methodologies and many fall short of being mutually exclusive. Notwithstanding such limitations, this typology provides a valuable reference point for those commissioning, conducting, supporting or interpreting reviews, both within health information and the wider health care domain.



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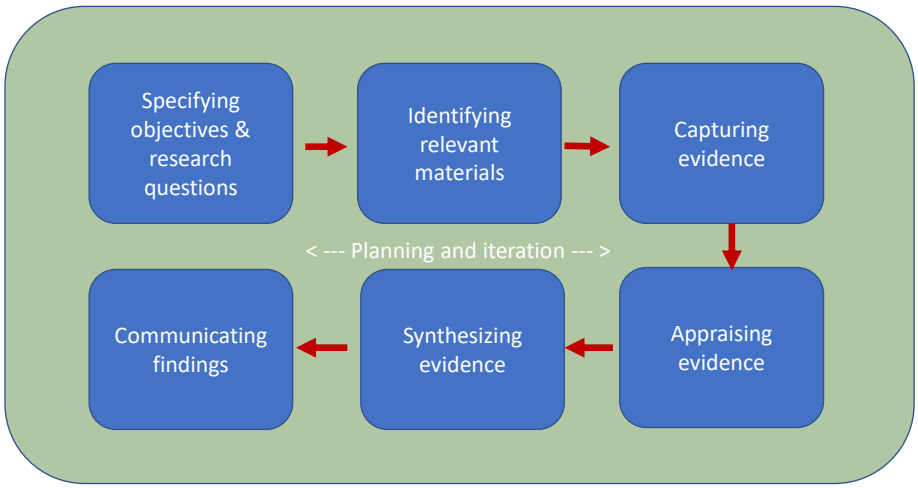
High-level process



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Spectrum of review types

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Initial considerations in deciding how to use MAXQDA for a literature review

- What literature review methodology are you using?
- Do you want to work directly with the literature, in-directly, or both?
- To what extent do you need to integrate the analysis of the literature with other data?
- What outputs do you need to generate from the literature?

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Many MAXQDA features for literature reviews

- Importing references and metadata from bibliographic tools (Endnote, Mendeley, Zotero)
- Using documents to create your own critical appraisals that can be analysed
- Screening abstracts for inclusion/exclusion using codes & document-sets
- Assessing quality at quantitative & qualitative levels using codes & variables

- Importing and working with PDF files *directly* : marking & paraphrasing
- Coding to systematise thinking about literature, integrate with other data and make comparisons
- Searching for salient issues in literature using keywords, text search and MAXDictio tools
- Using Sets to create sub-groups of Literature
- Using Paraphrases to capture initial thoughts about literature
- Using Memos to write high-level appraisals of common themes
- Using Summaries to précis and compare
- Using internal links to integrate your writing with the literature & establish connections across references
- Using Document Variables to capture analytic features about literature files
- Using queries and matrix browsers to identify and interrogate patterns
- Using Maps and Models to visually interrogate and display connections
- Outputting to facilitate a rounded write up

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Today…*focus on a few direct working options*

- Marking aspects of interest in full text articles
  - Highlight coding, paraphrasing
- Using codes as different analytic levers in a literature review
  - Considering when a variable and a code is useful for the same concept
- Integrating literature with other materials: via coding -> comparison
  - A major benefit of using MAXQDA

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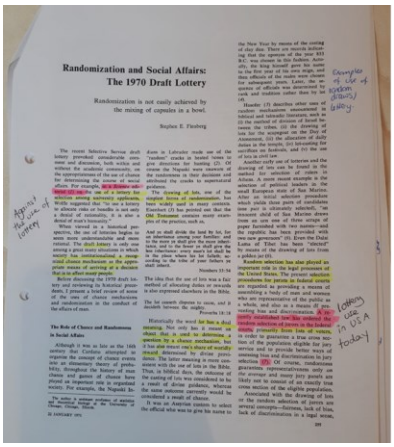
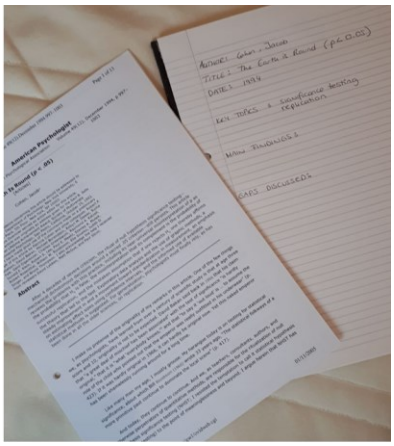
Direct versus Indirect working

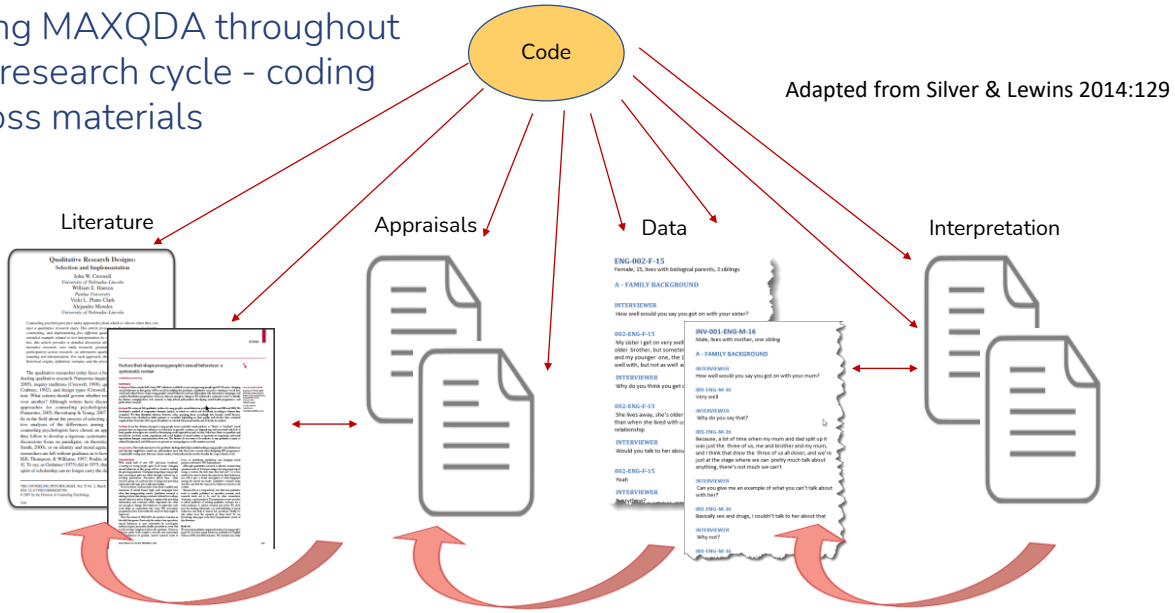




Demonstration

- Importing PDFs with highlighting and comments
- Paraphrasing PDFs -> categorizing paraphrases
- Codes for capturing different aspects of a review
- Variables for capturing THAT something is present, Codes for capturing HOW it is discussed
- Use of codes across literature and other qualitative materials
- Initial comparisons across literature and between literature and other qualitative materials

Using MAXQDA throughout the research cycle - coding across materials



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More information on structuring appraisals

Christina Silver · May 14 · 7 min read

The crux of literature reviewing: structuring critical appraisals and using CAQDAS-packages

Clarity around review purpose

Whatever the type of literature review, it's crucial to be clear about the overarching purpose. Systematic literature reviews seek to explicitly answer specific questions, which drive every stage of the process - from developing inclusion/exclusion criteria for identifying relevant literature, through the framing of review questions, identifying the focus of analysis and the structuring of the reporting.

https://www.qdaservices.co.uk/post/the-crux-of-literature-reviewing-structuring-critical-appraisals-and-using-caqdas-packages

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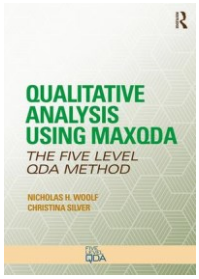

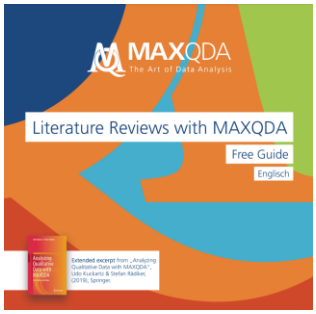

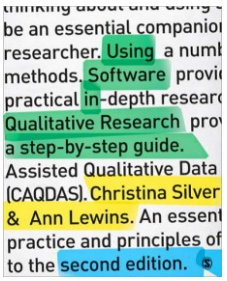

Three online MAXQDA workshops coming up…
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9th -12th May – Qualitative Text Analysis using Digital Tools (MAXQDA)
10th June – Thematic Analysis using MAXQDA
11th & 12th July – Undertaking Evidence Reviews using MAXQDA

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Thank you….

…questions, comments, reflections…

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