

Chapter One: The Process of Computer-Assisted Analysis

Video Tutorials

On the book's companion website (<https://study.sagepub.com/friese3e>), you can find links to videos that discuss doing qualitative analysis so you can build up your knowledge.

Title: Computer Assisted Qualitative Data Analysis by [LearningFromWOeRK](#)

URL: <https://www.youtube.com/watch?v=b3MMIqaxxfk>

Title: Qualitative data analysis with ATLAS.ti: Book summary by Susanne Friese

URL: https://www.youtube.com/watch?v=Qpzc7_5e_k

Title: Alan Bryman's 4 stages of qualitative analysis by Graham Gibbs

URL: <https://www.youtube.com/watch?v=7X7VuQxPfpk&list=PL14E49EDF20613008>

Further Reading

Here Susanne has carefully put together a selection of articles, chapters and other resources to help you successfully complete a qualitative data analysis project.

Jackson, K., Paulus, T., & Woolf, N. H. (2018). The Walking Dead Genealogy: Unsubstantiated Criticisms of Qualitative Data Analysis Software (QDAS) and the Failure to Put Them to Rest. *The Qualitative Report*, 23(13), 74-91. Retrieved from <https://nsuworks.nova.edu/tqr/vol23/iss13/6>

This is a great article on the ongoing condemnations of Qualitative Data Analysis Software (QDAS) and how citation errors keep these criticisms alive. The authors use a zombie metaphor to describe the phenomena – a nice way of demonstrating how unrealistic this debate is (unless you believe in zombies of course).

Richards, Lyn and Morse, Janice M. (2013). *Readme First: For A User's Guide to Qualitative Methods*, 3rd ed. Thousand Oaks, CA: Sage.

<https://uk.sagepub.com/en-gb/eur/readme-first-for-a-users-guide-to-qualitative-methods/book236735>

The title says it all. Before you embark on your first project, this book is a good read in order to avoid common pitfalls. If you have already conducted one or more projects, you might have some aha-moments when reading the book, understand better why you ran into problems or found some things difficult to do – and learn what you can do better next time.

Bazeley, Pat (2013). *Qualitative Data Analysis: Practical Strategies*. London: Sage.

<https://uk.sagepub.com/en-gb/eur/qualitative-data-analysis/book234222>

If you are new to qualitative data analysis, this book gives you a good introduction on how to go about analysing your data. There are some example on how this can be done using QDAS. It is however a more general book on analysing strategies

Like Pat Bazeley's book, all of the following books help you in understanding the process of analysing qualitative data and how to go about it:

- Dey, Ian (1993). *Qualitative Data Analysis: A User-friendly Guide for Social Scientists*. London: Routledge.
- Gibbs, Graham (2007). *Analysing Qualitative Data (Qualitative Research Kit)*. London: Sage. <https://uk.sagepub.com/en-gb/eur/analysing-qualitative-data/book225075>
- Richards, Lyn (2009). *Handling Qualitative Data: A Practical Guide*, 2nd edn. London: Sage <https://uk.sagepub.com/en-gb/eur/handling-qualitative-data/book241828>
- Wolcott, Harry E. (1994). *Transforming Qualitative Data: Description, Analysis and Interpretation*. London: Sage. <https://uk.sagepub.com/en-gb/eur/transforming-qualitative-data/book4328>

Thorne, Sally (2000). Data analysis in qualitative research. *Evidence-Based Nursing* 2000; 3:68-70.

<https://pdfs.semanticscholar.org/089c/49b369275a2be336b36adc93aa9c60eb54c3.pdf>

In this articles the author describes the qualitative reasoning process and introduces four analytic strategies related to different types of research questions and methodological approaches.

Seidel, John (1998). *Qualitative Data Analysis*, (originally published as *Qualitative Data Analysis*, in *The Ethnograph v5.0: A Users Guide*, Appendix E, 1998, Colorado Springs, Colorado: Qualis Research). http://www.qualisresearch.com/qda_paper.htm

This is a paper from my mentor John Seidel who taught me about the principles of computer-assisted data analysis. The NCT method of computer-assisted data analysis described in my book are based on his original idea how noticing, collecting and thinking go together in qualitative data analysis.

Read more on the difference between method and methodology here:

- Friese, Susanne (2014). On methods and methodologies and other observations, in Friese, Susanne and Thomas Ringmayr (eds.), *ATLAS.ti User Conference 2013: Fostering Dialog on Qualitative Methods*. University Press, Technical University Berlin. <http://opus4.kobv.de/opus4-tuberlin/frontdoor/index/index/docId/4413>

This is still early days, but as mentioned it is important that you start thinking about which methodology you want to use at the beginning of your project and not after you have collected all data. The following articles offers some suggestions and comparisons:

- Elo, Satu and Kyngas, Helvi (2008). The qualitative content analysis process. *Journal of Advanced Nursing* 62(1), 107–115.
- Friese, Susanne (2016). CAQDAS and Grounded Theory Analysis. *Working Papers WP 16-07, October 2016b. (MMG Working Papers)* <http://www.mmg.mpg.de/publications/working-papers/2016/wp-16-07/>
- Friese, Susanne, Soratto, Jacks and Pires, Denise (2018). Carrying out a computer-aided thematic content analysis with ATLAS.ti. MMG Working Paper 18-02. <http://www.mmg.mpg.de/publications/working-papers/2018/wp-18-02/>
- Hansen, Brett (2014). Grounding ethnographic content analysis, etic as well as emic strategies; a study of context for instructional designers, in Friese, Susanne und Ringmayr, Thomas (eds.), *ATLAS.ti User Conference 2013: Fostering Dialog on Qualitative Methods*. University Press, Technical University Berlin. <http://nbn-resolving.de/urn:nbn:de:kobv:83-opus4-44183>

- Komalsingh Rambaree (2014). Three Methods of Qualitative Data Analysis Using ATLAS.ti: 'A posse ad esse', in Friese, Susanne und Ringmayr, Thomas (eds.), *ATLAS.ti User Conference 2013: Fostering Dialog on Qualitative Methods*. University Press, Technical University Berlin. <http://nbn-resolving.de/urn:nbn:de:kobv:83-opus4-44270>
- Starks, Helene and Brown Trinidad, Susan (2007). Choose your method: A comparison of phenomenology, discourse analysis, and Grounded Theory. *Qualitative Health Research*, 17 (10), pp. 1372-1380. <http://journals.sagepub.com/stoken/rbtf1/PTKhFU9iiii64falkQjg/pdf/10.1177/1049732307307031>

Nick Woolf and Christian Silver, in discussing on how to best teach computer-assisted qualitative data analysis, developed what they call the 5-level QDA method. They distinguish between strategies (roughly speaking the underlying methodological approach, what you want to achieve) and tactics – software features and mouse clicks. Read more in the following articles:

- Silver, Christina (2018). Mindsets matter: think about how you think about CAQDAS programs. Five level QDA blog. <https://www.fivelevelqda.com/article/13206-mindsets-matter-think-about-how-you-think-about-caqdas-programs>
- Woolf, Nick (2014). Analytic strategies and analytic tactics, in Friese, Susanne und Ringmayr, Thomas (eds.), *ATLAS.ti User Conference 2013: Fostering Dialog on Qualitative Methods*. University Press, Technical University Berlin. <http://nbn-resolving.de/urn:nbn:de:kobv:83-opus4-44159>
- Woolf, Nick and Silver, Christina (2018). *Qualitative Analysis using ATLAS.ti: The Five level QDA® Method*. Routledge: New York.

Review questions

When you have worked through the material here and in Chapter 1 of the book, you should be able to answer all the following questions:

- 1 What are common criticisms of computer-assisted qualitative data analysis?
- 2 What is the response to the criticisms?
- 3 Explain the NCT-method of computer-assisted qualitative data analysis.