

Chapter Nine: Teamwork

Skills trainings in this chapter

Skills training 9.1: merging projects

Skills training 9.2: analysing inter-coder agreement

Projects for skills trainings

On the book's companion website (<https://study.sagepub.com/friese3e>), you can find and download several sample projects to use as you work through the skills trainings the book offers.

For this chapter, you can work with the following sample projects:

- **ICA Friendship (coder Sabine)** and **ICA Friendship (coder Susanne)** for skills training 9.1
- **ICA Friendship (merged coders)** for skills training 9.2, or the merged project you made during skills training 9.1

Video tutorials

On the book's companion website (<https://study.sagepub.com/friese3e>), you can find links to video tutorials that offer step by step guidance about using ATLAS.ti so you can learn to master the software at your own pace.

Title: ATLAS.ti 8 Windows: Team Collaboration

URL: <https://www.youtube.com/watch?v=uRjns2jpNoc>

Title: Team Work ATLAS ti Win

URL: <https://www.youtube.com/watch?v=JjrflX5-opM>

Title: ATLAS.ti 8 Win - Mac compatibility / Merging projects across platforms

URL: <https://www.youtube.com/watch?v=y-tKcVpcTWE&t=11s>

Title: Problems with merging - duplicated documents (issue still applies to version 8)

The solution of manually merging document is however no longer available in version 8. You need to contact support if your project contains duplicate documents after merging. If you watch this video, you will understand why it happened and what to avoid next time.

URL: https://www.youtube.com/watch?v=09rJ8u75_dQ&t=4s

Title: Inter-coder agreement in ATLAS.ti 8 Windows

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

Title: Inter-coder agreement: background

URL: https://www.youtube.com/watch?v=FpH--1EqByo&list=PLs_YczcegWF5kssU8Nplg-M2rqIPpv1nF

Title: Setting up a project for Inter-coder agreement

URL: https://www.youtube.com/watch?v=FpH--1EqByo&list=PLs_YczcegWF5kssU8Nplg-M2rqIPpv1nF

Title: Calculating Inter-coder agreement

URL: https://www.youtube.com/watch?v=FpH--1EqByo&list=PLs_YczcegWF5kssU8Nplg-M2rqIPpv1nF

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.

Official documentation:

- Team Work for ATLAS.ti 8 Windows http://downloads.atlasti.com/docs/Teamwork-A8Win_en.pdf
- Team work with ATLAS.ti Mac http://downloads.atlasti.com/docs/Teamwork_a8_mac_en.pdf
- Team work with ATLAS.ti 8 Window and Mac (mixed teams) http://downloads.atlasti.com/docs/Teamwork_a8_win+mac_en

Krippendorff, Klaus (2018). *Content Analysis: An Introduction to Its Methodology*. Fourth Edition. Thousand Oaks, California: Sage. <https://uk.sagepub.com/en-gb/eur/content-analysis/book258450>

ATLAS.ti's ICA tool is build on Krippendorff's writing and development of the alpha coefficients to analyse ICA. We have been working closely with Klaus to develop the tool. In exchanging our ideas about coding in a qualitative sense and how it is done in qualitative content analysis, we gained a better understanding on what it means to implement an ICA tool in ATLAS.ti. Based on this, Klaus developed his alpha family of coefficients further and adapted the calculation to fit how coding is done in qualitative data analysis. The book thus serves as a reference guide and background reading.

Appendix: Inter-coder agreement (Klaus Krippendorff)

http://downloads.atlasti.com/docs/ICA_Appendix.pdf

The appendix summarizes the main points of what it means to calculate ICA in ATLAS.ti and it lists the formulas that are used to calculate the various coefficients.

Schreier, Margrit (2012). *Qualitative content analysis in practice*. London: Sage.

<https://uk.sagepub.com/en-gb/eur/qualitative-content-analysis-in-practice/book234633>

This book guides you step-by-step through the process of doing qualitative content analysis, a methodology that requires to analyse inter-coder agreement. The author shows you how to a create a coding frame; segment the material; try out and evaluate the coding frame.

The following articles offer a variety of perspectives on how to deal or think about inter-code agreement in qualitative research:

- Mouter, Nick (2012). *Intercoder reliability for qualitative research You win some, but do you lose some as well?* TRAIL Research School, October 2012.

<https://repository.tudelft.nl/islandora/object/uuid:905f391d-4b25-40cf-9292-e253b7e55db2/datastream/OBJ/download>

- Harris, Judith, Pryor, Jeffrey, and Adams, Sharon. *The Challenge of Intercoder Agreement in Qualitative Inquiry*. Southwestern Educational Development Lab (SEDL):
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.202.5205&rep=rep1&type=pdf>
- David Armstrong, Ann Gosling, John Weinman and Theresa Marteau (1997). *The place of inter-rater reliability in qualitative research: An empirical study*. *Sociology*, Vol. 31, No. 3 (AUGUST 1997), pp. 597-606.
<http://journals.sagepub.com/stoken/rbtfl/93VnTwHxS8k359iRwcQk/pdf/10.1177/0038038597031003015>

Review questions

When you have worked through all skills training, you should be able to answer the following questions:

- 1 Why is it important to designate one person on the team to be the project manager?
- 2 What are the tasks of the project manager?
- 3 How are user accounts created? Why are user accounts important when working in a team?
- 4 How do you set up a project for the following scenarios?
 - a. Analysing a common set of documents
 - b. Analysing different set of documents
 - c. When planning to jointly develop a code system
 - d. When using ATLAS.ti in the classroom
- 5 For what type of projects is intercoder-agreement relevant and important?
- 6 What are the requirements for coding when wanting to analyse inter-coder agreement?
- 7 How can inter-coder agreement be measured?
- 8 Why are methods like percent agreement, the Holsti-index or Cohen's kappa inferior to the Krippendorff's alpha family of coefficients?
- 9 What counts as agreement and disagreement when analysing ICA in ATLAS.ti?
- 10 What do the Krippendorff's family of alpha coefficient measure?
- 11 How can the resulting matrixes be interpreted?
- 12 What are acceptable levels of reliability?
- 13 How do you set up a project for analysing ICA?
- 14 How many documents need to be coded, in other words, what is the necessary sample size?

- 15 How can you use the tool when you are interested in taking about the differences in coding on the basis of the qualitative data (in other words, you are not interested in the numeric coefficient)?