Qualitative Data analysis with Atlas.ti
- a beginners guide

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Why a beginners guide?
Content

What is atlas.ti?

Using atlas.ti for qualitative research

Step 1: Preparing documents for review
Step 2: Going through the documents
Step 3: Creating output

Storage and back up project data

Support and recommended reading
No - Content

Qualitative research methods
Types of analysis
Data management and ethics
What is Atlas.ti?

Qualitative Data Analysis & Research software

Atlas = Greek mythology
Atlas today = Collection of maps

Atlas = Acronym for Archiv für Technik, Lebenswelt, AlltagsSprache  ti = tekst interpretation
When to use Atlas.ti?

- To organise your material
- Systematic coding
- Coherent analysis of different kinds of materials
- Big projects with large amounts and complex documents
Starting Atlas.ti

- Atlas.ti available for campus computers
- For your own device:
  ICT-servicedesk at the Central Library

Open atlas.ti by typing "ATLAS.ti" into the Windows search field
Starting Atlas.ti – basic features
Starting Atlas.ti – basic features
Steps in analysing data

First things first: Research question

**Step 1:** Preparing your documents

**Step 2:** Going through the documents

**Step 3:** Creating reports for the review
Step 1: Preparing your documents

- Collect and transcribe data
- Create new project
- Add documents
  - text, image, audio, video or geographic materials
  - rename documents (assisting the analytic process)
  - add comments to documents (e.g. summary)
- Set up groups of documents
Step 2: Going through the documents

Coding document fragments

Codes = labels linked to selected pieces of data

- Open coding
- Coding in vivo
- List coding
- Quick coding
- Auto coding

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“Happiness” may or may not be the right emotion to try to quantify. My two kids give me immeasurable feelings of love, competence, commitment, responsibility, and the occasional philosophical-musings moment. They also bring me great joy and aggravation. So it is and always has been, I think.

Am I “happier” than before kids? Perhaps, because my life now has a focus outside of myself, and I am never bored. As my husband says, “what did we do before we had them?!” (Usually followed by “we wasted our chances!” :-)

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Step 3: Creating output

Look for patterns/themes in data

- Access the fragments by code
- Amounts of codes
- Report
  - of all marked quotations
  - of all quotations sorted by document order
  - of all quotation by code
- Amounts of themes
- Word Cloud
Step 3: Creating output (advanced)

Look for patterns/themes in data

- Using the query tool
- Make connections in networks (visualisation tool)
- Define relationships between codes
- Link codes (semantic linkages)
- Code tree
Where does Atlas.ti store project data?

define where this ATLAS.ti environment is located (version 8.1 and higher).

folder on the C: drive, any other drive on your computer, a server, or an external drive

Don’t use a cloud sharing service like Dropbox
Backing up your projects

- select file/ export
- click on the project bundle button
- in the Windows file manager select a location for storing the project bundle file
Remember

Prepare your documents
Different ways of coding
Back up your projects
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Recommendations

- In ATLAS.ti: Tab Tools & Support
- Quick Tour and Manuals via [https://atlasti.com/manuals-docs/](https://atlasti.com/manuals-docs/)
- Video Tutorials via [https://atlasti.com/video-tutorials/](https://atlasti.com/video-tutorials/)


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Foto dia 5: http://sds.parsons.edu/designmanagement/free-short-course-on-qualitative-data-analysis/
Foto dia 10: https://www.thefix.com/living-sober/12-steps-keep-it-simple