

INTRODUCTION TO ATLAS.TI - QUALITATIVE DATA ANALYSIS

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AGENDA

- Why use QDA software?
- Choosing your QDA program
- ATLAS features & terminology
- Project (file) management (My Library)
 - Importing documents (privacy)
 - Copy Bundle function
- Example project in ATLAS
 - Networks & Reports
 - Survey data
- Additional resources
 - CSSCR
 - ATLAS.ti website
 - Books, etc.

WHY USE QDA SOFTWARE?

- Manage large, complex data sets
- Code data with ease
- Conduct searches and visualizations
- Discover, test and describe patterns
- QDA software does not do the analysis for you, it facilitates the process
 - Examples: text or content analysis projects, literature reviews, inductive and deductive research of qualitative data (text, pictures, video, audio, etc.)

CHOOSING YOUR QDA SOFTWARE PACKAGE

Factor	TAMS Analyzer	ATLAS.ti
(Source)	http://tamsys.sourceforge.net/	www.atlasti.com
Cost	Free	\$99 student license/free at CSSCR or via CSDE
Platform	Mac	PC
Data/file types	Text (rtf and pdf), audio and video (but for playback only)	Text, video and audio, images, PDFs, geo data (Google Earth)
Team vs. Individual	Capable, but not great for group work	Built in functionality for group work
Reports/outputs	Reports are functional	Reports are more robust
Ease of use	Bare bones UI, user manuals online (including on CSSCR), FB page for Q&A	Buttons and menus UI, supported by CSSCR, manuals online, free instructional videos

CHOOSING YOUR QDA PROGRAM (CONTINUED)

The screenshot displays the dedoose software interface for an "Emer Lit Dedoose Demo". The interface is divided into several panels:

- Top Bar:** Includes navigation icons for Home, Analyze, Excerpts, Descriptors, Codes, Documents, Projects, Security, Select Data, and Back.
- Left Panel (Emer Lit Dedoose Demo):** Shows summary statistics: Users: 0, Resources: 21, Descriptors: 13, Excerpts: 159, Tags: 21. Below this is a "Codes" list with items like "Parent Education History", "Reading by PC", "Reading Frequency", "Reading Routine", "Bedtime Reading Routine", "Other reading routine", "Morning reading routine", "Reading Duration", "Goals and Values", "Talking with Child", "Letter Recognition Skills", "Stability", and "Pre-Writing Activities".
- Documents: 18:** A table listing document titles and their added dates (all 05/19/2010):

Title	Added
1.15_post	05/19/2010
1.20_post	05/19/2010
1.20_pre	05/19/2010
1.25_Post	05/19/2010
1.25_pre	05/19/2010
2.18_post	05/19/2010
2.18_pre	05/19/2010
2.23_post	05/19/2010
2.23_pre	05/19/2010
- Code Apps By Descriptor:** A horizontal bar chart showing the distribution of codes for the field "zip".

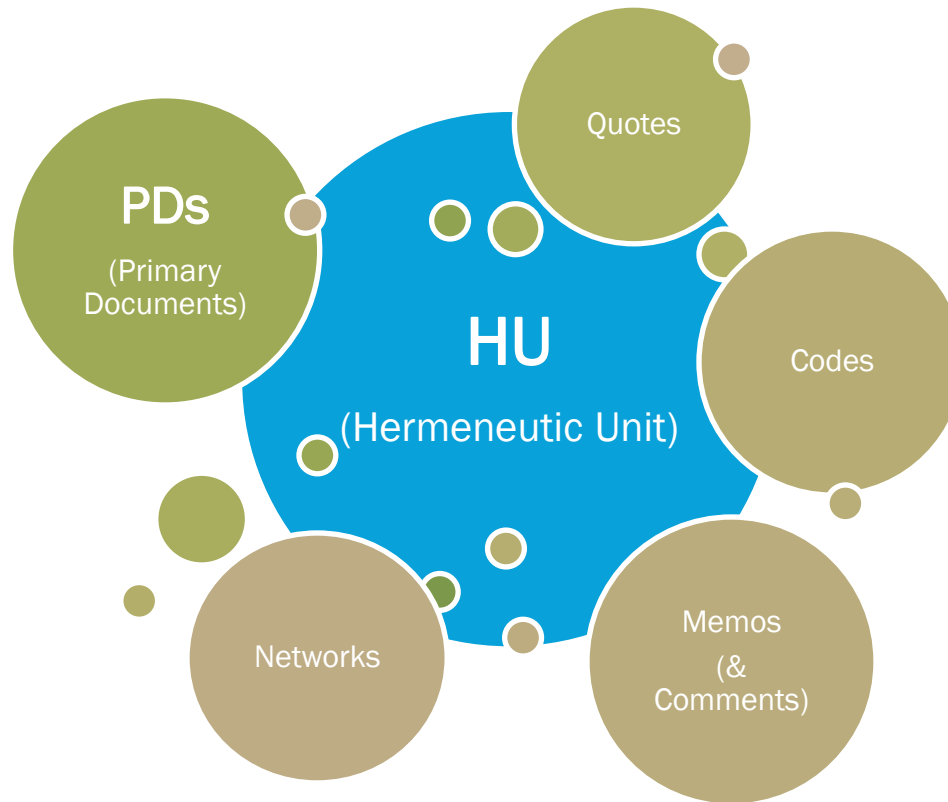
Descriptor	Code	Percentage	Total
Intervention Effects	90024	18.2%	100%
	91406	54.5%	
	90025	27.3%	
Parent_Teacher Communication	90024	100%	100%
School Preparation	90024	10.5%	100%
	91406	73.7%	
	90025	15.8%	
- Excerpts: 159:** Shows three resource excerpts with their added dates and code counts.
 - Resource: 2.18_pre, Added: 05/20/2010, Codes: 1. Excerpt: "k more. Reading occurs at bedtime almost all the time. PC reads more than one book about twice. Reading almost never needs because TC loses interest. TC asks to be read to daily. He looks at books by himself daily. PC has not been to the library with TC. TC has not part..."
 - Resource: CD_55468547_A_T1, Added: 05/19/2010, Codes: 3. Excerpt: "Well, I think that community based participatory research is a venue in a way to bring the voice of the community to the research and give them an insight instead of research doing it their normal way and coming down and telling us what they're going to do or what our..."
 - Resource: CD_55468547_A_T1, Added: 05/19/2010, Codes: 2. Excerpt: "Ah. Ms. Jones, besides just being a dear friend, I think she's - I don't think she sees herself as being more powerful, but I see her as being more powerful because she represents the whole community as a whole. As opposed to just representing UCLA, U..."
- Descriptor Ratios:** Two pie charts showing the distribution of codes for "zip" and "Density".
 - Average SES:** A pie chart with three segments labeled 90024, 91406, and 90025.
 - Home Language:** A pie chart with three segments labeled Low, Medium, and high.

CHOOSING YOUR QDA PROGRAM (CONTINUED)

Are you working with OneNote, Evernote or SurveyMonkey? Easily bring your data and survey responses into NVivo for analysis.



ATLAS.TI FEATURES



PROJECT MANAGEMENT

- Work from copies of your files
- Stay organized (all PDs in one project folder)
- New in v7: project management library system (above rules are still a good habit, but no longer “necessary”):
 - My Library, Team Library
 - Documents->Data Source Management->Open Library Manager
 - Importing primary documents (PDs) – now it takes any text version (doc(x), txt, rtf) and many other types of files (video, audio, images, etc.)
 - Legacy menu item: Documents->New->Assign External Documents
 - Be aware of sensitive/private info when using a public computer
 - Add Documents to My Library (or Team Library)
 - **Copy Bundle (under Project and Tools menus)***

**Back up your HU using the Copy Bundle function (this will include all PDs from the Library as well as your coding), not by saving or copying the HU file alone (that just won't work).*

EXAMPLE PROJECT IN ATLAS.TI

- Install a Copy Bundle – work on pre-coded HU
- Coding data
 - Importing a code list (deductive)
 - Open coding (inductive)
- Memos & Comments
- Searching
- Visualization/Network Views
- Generating reports
- Importing Survey Data

RESOURCES

CSSCR website:

<http://julius.csscr.washington.edu/>

Intro video, “cheat sheet” summarizing concepts

ATLAS.ti websites:

www.atlasti.com (Training videos, PDF manuals)

[Forum.atlasti.com](http://forum.atlasti.com)

Manuals: <http://www.atlasti.com/manual.html>

Other:

ATLAS.ti channel on YouTube: <http://www.youtube.com/user/ATLASSti01?feature=watch>

Search & you shall find!

ADDITIONAL RESOURCES

Books:

“Qualitative Data Analysis with ATLAS.ti” – Susanne Frieze

“Qualitative Research Methods for the Social Sciences” – Bruce Berg & Howard Lune

