

Leveraging the Power of Qualitative Data Analysis Software

MAY 26, 2022

CHRISTINE KOWALSKI, MONICA PAEZ, CASSIE GOEDKEN, LINDA
KAWENTEL, SHIMRIT KEDDEM

CEIR

VA QUERI Center for Evaluation and Implementation Resources

CHERP

CENTER FOR HEALTH EQUITY RESEARCH AND PROMOTION

VA HSR&D CENTER OF INNOVATION

cadre

VHA | OFFICE OF RURAL HEALTH

CEIR

VA QUERI Center for Evaluation and Implementation Resources

cadre

VHA | OFFICE OF RURAL HEALTH

Christine P. Kowalski, MPH



Ann Arbor VA
QMLC and IRG Director
Implementation Scientist
QMLC Advisory Board
25 years at VA

Shimrit Keddem, PhD MPH



Philadelphia VA
Investigator
Qualitative Core Co-Director
QMLC Advisory Board
7+ years at VA

Cassie Goedken, MPH



Iowa City VA
Implementation Scientist
Ethnographic Methods
Implementation Core
QMLC Advisory Board
15+ years at VA

Linda Kawentel, PhD



Ann Arbor VA
Evaluation Scientist
QMLC Advisory Board
2+ years at VA

Monica Paez, BA



Iowa City VA
EMIC Program Manager
Ethnographic Methods
Implementation Core
15+ years at VA

Polls

Which QDAS do you primarily use?

NVivo

MAXQDA

ATLAS.ti

Dedoose

Others

None

Experience with QDAS software?

No experience

Beginner

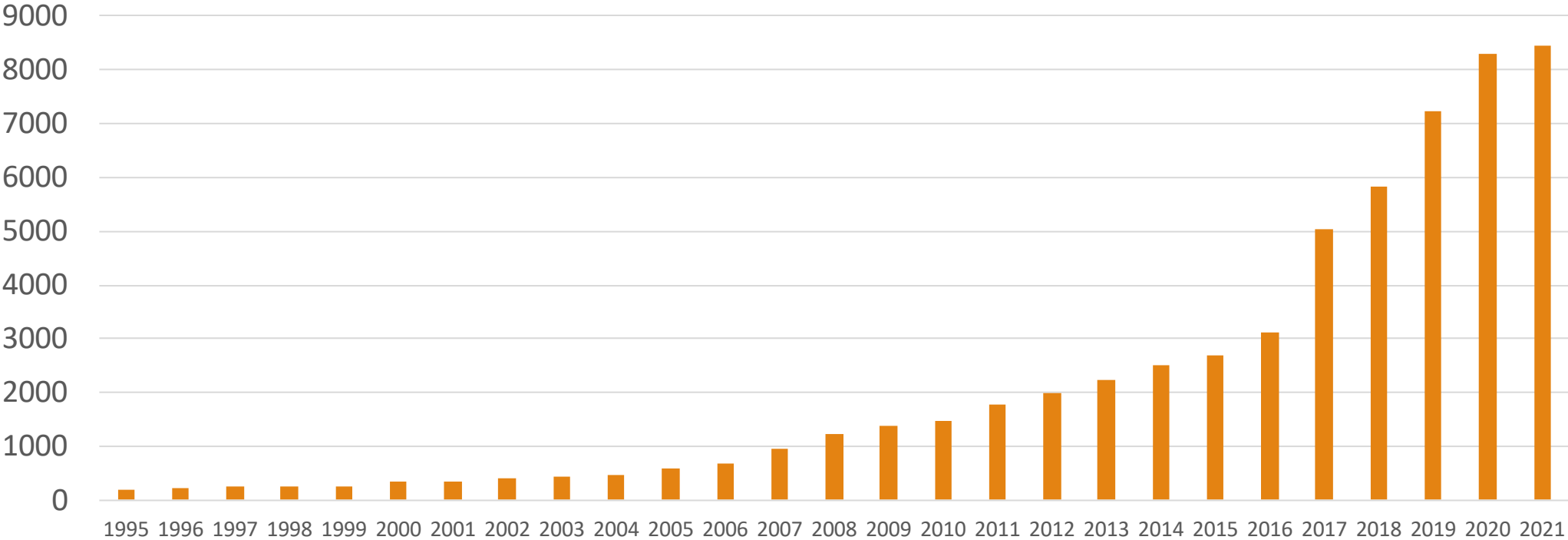
Some training

Proficient

Expert

Intro – Growth of Qualitative Research

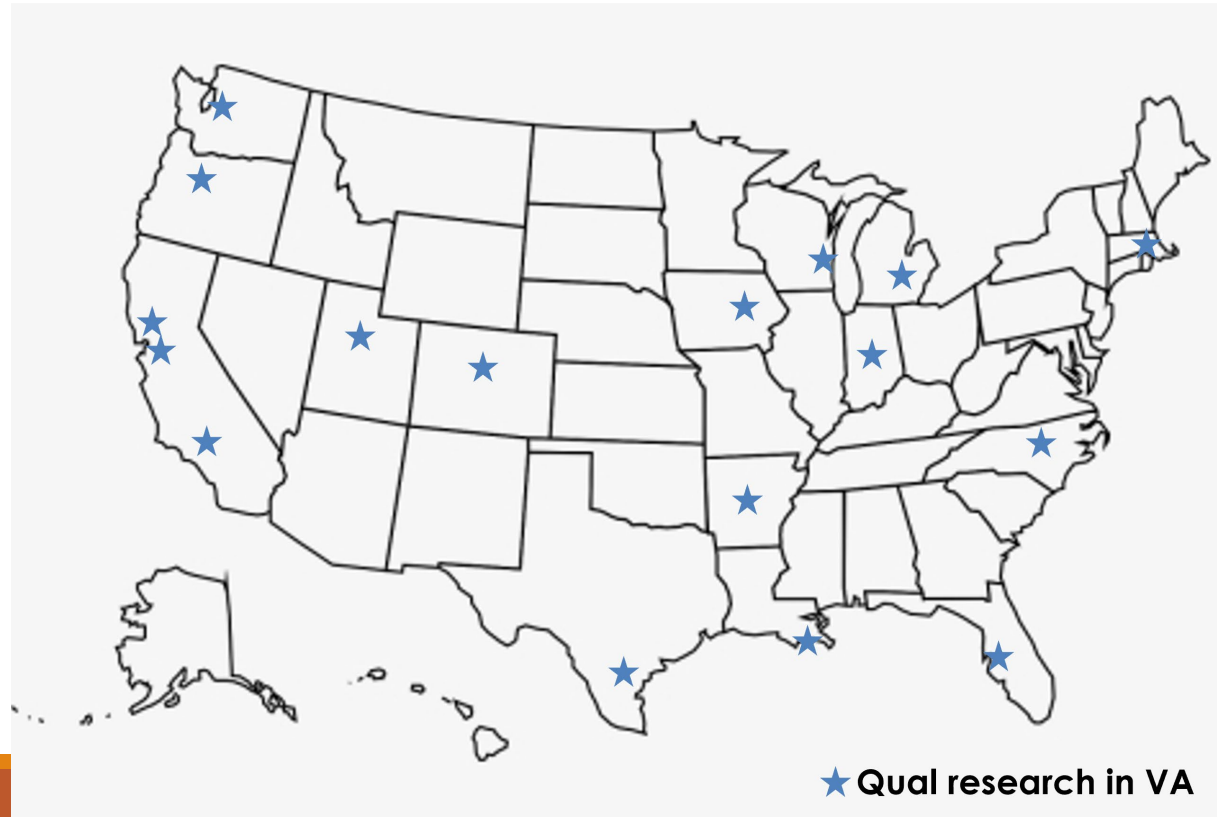
Web of Science Search for "Qualitative Research" by Year, 1995-2021



Qualitative methods at the VA

The VA is considered a leader across the nation for qualitative methods expertise

Many of the VA COINs have a Qualitative Core



Note: this list was compiled in 2021 as part of a scoping review of qualitative research within VA for a previous cyber-seminar. It may not contain every VA site with a qualitative research presence.

Why are qualitative methods important in healthcare?

- Firsthand documentation of patient experiences
- An overview of suggestions for improvement
- The ability to detect common concerns and desires associated with the quality of care
- Information about what matters most to patients
- The opportunity to identify obstacles to growth and change

How qualitative methods in PH and HSR are different from traditional methods

Shorter timeframe

Sharper focus

Larger sample sizes

More likely team-based

More likely to be mixed with other methods

Practical – many similarities to QI

....A need to be more systematic/transparent

Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups

ALLISON TONG^{1,2}, PETER SAINSBURY^{1,3} AND JONATHAN CRAIG^{1,2}

¹School of Public Health, University of Sydney, NSW 2006, Australia, ²Centre for Kidney Research, The Children's Hospital at Westmead, NSW 2145, Australia, and ³Population Health, Sydney South West Area Health Service, NSW 2170, Australia

Abstract

Background. Qualitative research explores complex phenomena encountered by clinicians, health care providers, policy makers and consumers. Although partial checklists are available, no consolidated reporting framework exists for any type of qualitative design.

Objective. To develop a checklist for explicit and comprehensive reporting of qualitative studies (in-depth interviews and

Qualitative Data Analysis Software

Offers a “flexible suite of tools to use in managing and working through qualitative (and mixed methods) data, aiding analysis and interpretation in the process” (Bazeley 2018)

Coding

Memoing

Linking

Querying

Visualization



Allows for analysis of a wide range of data



Advantages of using Qualitative Data Analysis Software (QDAS)

Free from manual/clerical tasks

Save time

Analyze large amounts of data

More flexibility

Improved validity/auditability



Many types of software, 3
approved in VA



Five Steps Qualitative Research

1. Data exploration / Open Coding
2. Codebook Development
3. Coding
4. Analysis: comparisons between groups/sites
5. Analysis: synthesis / conceptual model creation



Memoing

Data Exploration & Open Coding

CASSIE GOEDKEN



Data Exploration/Open Coding

Exploration of the data directly **informs the creation of the codebook**

Quantitative content analysis **word frequency**

Helps identify **patterns** in your data within line, paragraph, page, document

Provides an **introduction** to your data

Advantages of using the qualitative software

- Visualization
- Quick
- Linkage between documents/document sets
- Audit trail

Data Exploration: Word Clouds

Word clouds provide a visual representation of words that frequently appear in a set of interviews, documents, or other text

- **Automatic** way of showing the most used words by making them bigger

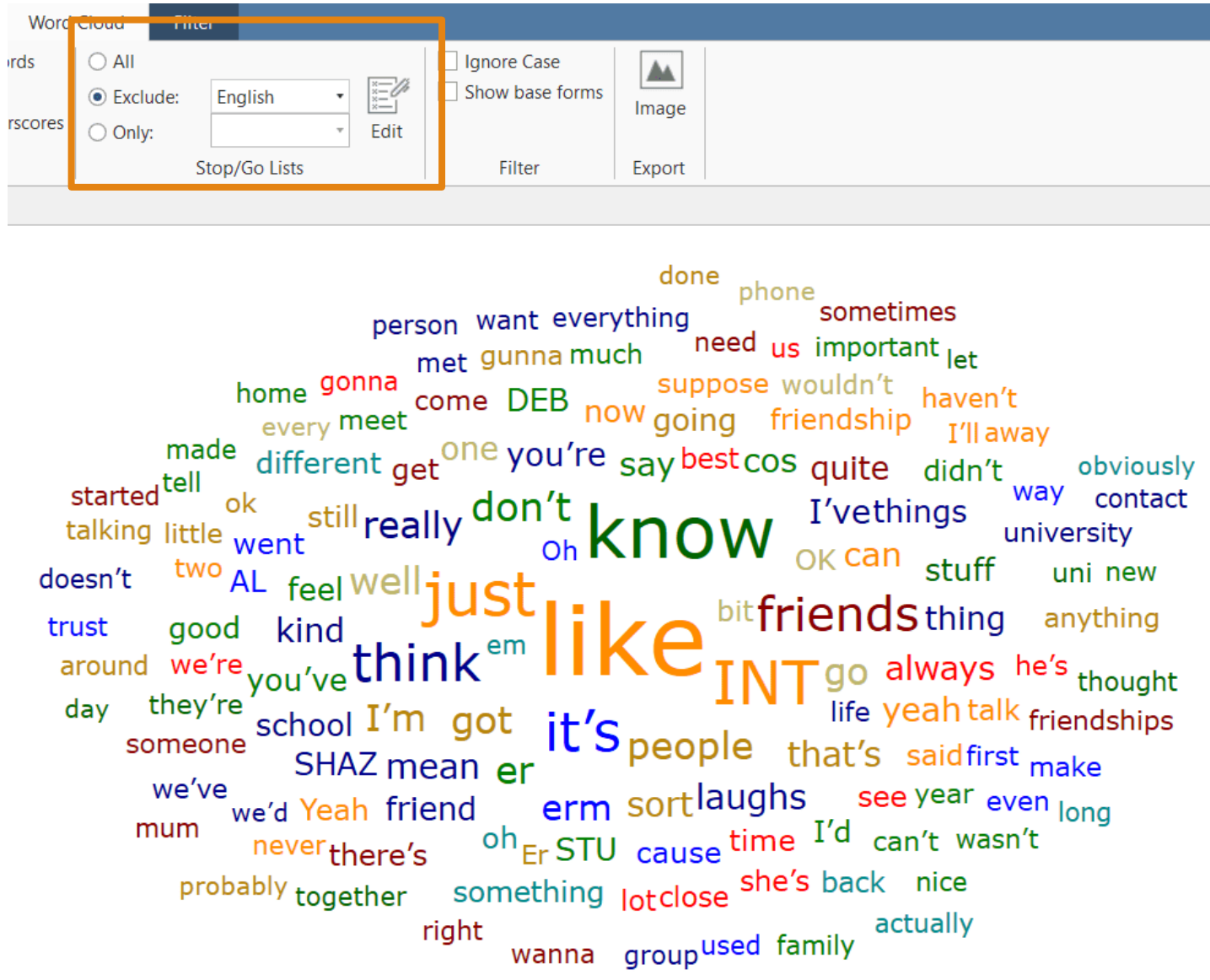
A good way to initially explore data, to get a general overview with a compelling visual before diving into specifics

- Can explore word frequency counts for individual documents, groups of documents, or content connected to a particular code

Can also be used for communicating the most salient points or themes in the reporting stage

- “A picture is worth a thousand words”

Available with NVivo, ATLAS.ti, and MAXQDA



Software: ATLAS.ti 9

Citation: <https://doc.atlasti.com/ManualWin.v9/Exploring/ExploringWordClouds.html>

Memo Options

Home

Import

Codes

Memos

Variables

Analysis

Mixed Methods

Visual Tools

Reports

MAXDictio



New free memo



Free Memos



Code Memos



In-Document Memos



In-Media Memos



Document Memos



Document Group & Document Set Memos



Code Set Memos



Overview of Memos



Project Memo



Search in Memos



These codes will be used to classify the participants assessment of various aspects connected to life satisfaction and special situations.

	Title	Preview	Origin	Modified by	Modified	Created by	Created	Document	Code	Document group	Docum
	MAXQDA Exam...	10/13/2021 2:28 PM This project gives you a s...	Project	VHAIOWPAEZM	...3/2021 2:28 PM	Max	...9/2019 6:46 PM				
	Friends	It is interesting to see where talking about frie...	Code	Max	...9/2019 6:50 PM	Max	...9/2019 6:50 PM		Friends		
	Assessments	These codes will be used to classify the partici...	Code	Max	...9/2019 6:53 PM	Max	...9/2019 6:53 PM		Assessments		
	Memo 1	George faces a difficult career conflict here – h...	In-document	Max	...6/2019 4:19 PM	Max	...6/2019 4:19 PM	George		Interviews New ...	
	Memo 2	Despite George saying that he's satisfied with ...	In-document	Max	...6/2019 4:20 PM	Max	...6/2019 4:20 PM	George		Interviews New ...	
	Memo 3	Is George talking about himself and his own la...	In-document	Max	...6/2019 4:25 PM	Max	...6/2019 4:25 PM	George		Interviews New ...	
	Memo 6	Resentment towards parents - I wonder how o...	In-document	Max	...6/2019 4:04 PM	Max	...6/2019 4:04 PM	Max		Interviews New ...	
	Memo 9	Again, this touches on Vinnie's life strategy. H...	In-document	Max	...6/2019 5:22 PM	Max	...6/2019 5:22 PM	Vinnie		Interviews New ...	
	Memo 10	I could picture Vinnie's dad saying this every d...	In-document	Max	...6/2019 5:23 PM	Max	...6/2019 5:23 PM	Vinnie		Interviews New ...	
	Memo 15	Issues of doubt - both self and family.	In-document	Max	...6/2019 6:25 PM	Max	...6/2019 6:25 PM	Jamie		Interviews India...	
	Memo 16	Not sure what makes this quote stand out to ...	In-document	Max	...6/2019 6:15 PM	Max	...6/2019 6:15 PM	Jamie		Interviews India...	
	Memo 17	Bit of a conflict here – Jamie loves her friends, ...	In-document	Max	...6/2019 6:26 PM	Max	...6/2019 6:26 PM	Jamie		Interviews India...	
	Olsen et al. (201...	This source is available here: https://doi.org/1...	Document	Max	...4/2019 2:54 PM	Max	...8/2019 5:55 PM	Olsen et al. (201...		Literature	
	Ocean et al. (20...	This source is available here: https://doi.org/1...	Document	Max	...4/2019 2:54 PM	Max	...8/2019 6:00 PM	Ocean et al. (20...		Literature	
	Joanna playing	Created by Priscilla Du Preez (unsplash.com)	Document	Max	...9/2019 7:25 PM	Max	...9/2019 7:25 PM	Joanna playing		Pictures	
	Devin's team	Created by Joshua Allwood (unsplash.com)	Document	Max	...9/2019 6:47 PM	Max	...9/2019 6:47 PM	Devin's team		Pictures	
	Building a tower	We have integrated a video into this example ...	Document	Max	...6/2019 5:00 PM	Max	...6/2019 5:00 PM	Building a tower		Videos	

Codebook Creation

LINDA KAWENTEL



Codebook Creation

Codebook creation is an analytic task that connects data to ideas underpins qualitative data analysis!

Qualitative codebooks contain a list of codes and definitions of codes

- Process is like cataloging – connect the passages in source data that relate to a particular topic, where topic is represented by a label

Allows for researchers/teams to stay organized

Codebook creation is an iterative process

Advantages of software

- No paper/highlighters/index cards = No limits to coding structure
- Everything in one place

NVivo Coding Stripes in Codebook Development/Coding

Coding stripes are colored bars displayed alongside source content that allow you to see how the content is coded

- Visualizes what you have coded to a particular code

Clicking on a particular coding strip will highlight the content coded to the corresponding code

- Users can also use coding stripes to uncode content

Coding stripes serve many useful functions, including allowing the user to:

- View how content has been coded by different users (helpful when taking a team-based coding approach) and case classifications (e.g., occupation = service chief)
- Examine the coding density – light gray (minimal coding) to dark gray (maximum coding)
- See the nodes with the most or least coded content – helpful in visualizing dominant codes/themes in source materials

Sample Project.nvp - NVivo 12 Pro

Document Tools

Document

Zoom, Annotations, Quick Coding, See Also Links, Layout, Relationships, Coding Stripes, Highlight, Code, Code In Vivo, Range Code, Uncode, New Annotation Annotations, Word Cloud, Chart, Compare With, Explore Diagram, Visualize Document, Query This Document, Find, Edit

Nodes Search Project

Name	Files	Referen
Memorable quotes	5	16
Attitude	0	0
Balance	6	16
Real estate development	27	313
Sense of community Down East	3	4
Economy	25	486
Natural environment	24	324
Ecosystem services	9	13
Landscape	11	38
Habitat	17	43
Environmental change	14	42
Environmental impacts	6	26
Water quality	13	147
Renewable energy	1	15
Policy, management	14	38
Community change	18	62
Infrastructure	11	43

Drag selection here to code to a new node

Thomas

Q.4. Community and Environmental Change

Henry
Since moving here, what changes have you seen?

Thomas
Since the late 90's this area has really experienced a boom. It's a changing area. There's a lot of people moving to the area. There are a lot of military people, is a part of it. But this area has been found, there is no question about it. Especially growth on the mainland—in the 1990s, we had 5 or 6 hurricanes in six years. People started getting tired of getting beat-up on the beach. This was when this area, the true Down East area, started getting pressured as far as development.

Henry
Do you think this development is changing the community?

Thomas
It's probably not conventional in keeping with Down East. But the type of development that was coming in was coming fast and furious. People were looking for pieces of land. This was hot as far as real estate. Values were going up. We had properties that people heard was going on the market. They didn't even list it. There was one tract that was like seven people bidding on the property and it was going up week by week. There was that kind of pressure. Everything was just getting built up without thinking about the consequences.

Henry

Nvivo Coding Comparison Queries as a tool for refining your codebook

Code	File	File Folder	File Size	Kappa	Agreement (%)
Commu	Thomas	Files\Intervie	4952 chars	0.5929	89.24
Econom	Thomas	Files\Intervie	4952 chars	0.7392	95.82
Econom	Thomas	Files\Intervie	4952 chars	0.9547	98.42
Natural	Thomas	Files\Intervie	4952 chars	0	91.05
Sense of	Thomas	Files\Intervie	4952 chars	0.9456	97.88

Interactive



Code



Source Document



Location



Size



Kappa



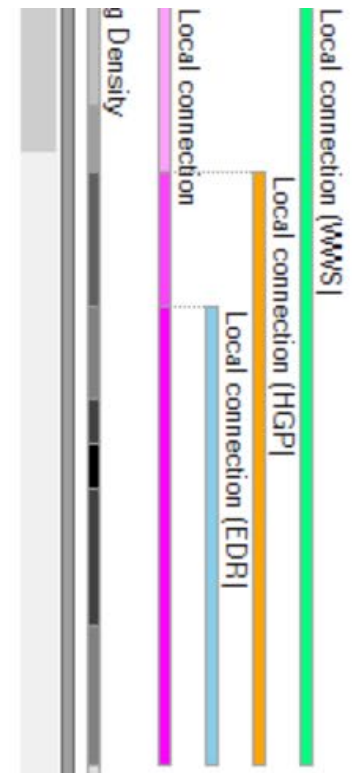
% Agreement

NVivo allows you to view coding discrepancies using coding stripes

What is your connection to Down East, how did you come to be here?

Thomas

I am not a Down Easter by generation by any sense. I am a dingbatter. That is what I am. But it is a beautiful area to live. I chose to live here. We've lived down here for about six or seven years now. A lot of people look at you strangely when you say you want to move to a remote area. But to me, there's a lot of beauty in that, of being remote. To me it's not that bad. I can't imagine why anyone would want to leave to tell you the truth. I can understand why Down Easters like living here, it's in their blood. And it might be in mine too to some extent. The main thing, besides the water and the beauty of the areas, is the people. I like the personalities and the character of these people. They are independent, they are self-starters, they are hard workers. They will make it regardless of any recession. They are that kind of people. They are good people that live Down East. And that's probably the big attribute that this area has got.



Coding

MONICA PAEZ

Coding

Organizing and applying codes

Creating sub-codes / sub-categories

Deleting, merging, splitting codes

Advantages of using software for coding:

- Easily re-organize codes
- See big picture as codebook changes in real-time
- At a glance counts/frequencies of codes
- Collaboration

Qualitative Coding

Coding is a means of working through iterative cycles of induction and deduction to power our analyses.

Coding IS part of analysis, but not the only part (once you code, you are NOT done).

Codes are used to file (categorize) segments of text related to particular research questions of interest.

Clear operationalized definitions and examples are critically important so codes can be consistently applied by a single coder over time or applied by multiple team members. (You need a codebook)

Keep in mind that qualitative codes are not themes. You will later need to use your codes to help find patterns and categories.

Creating codes directly from the data in NVivo and MAXQDA

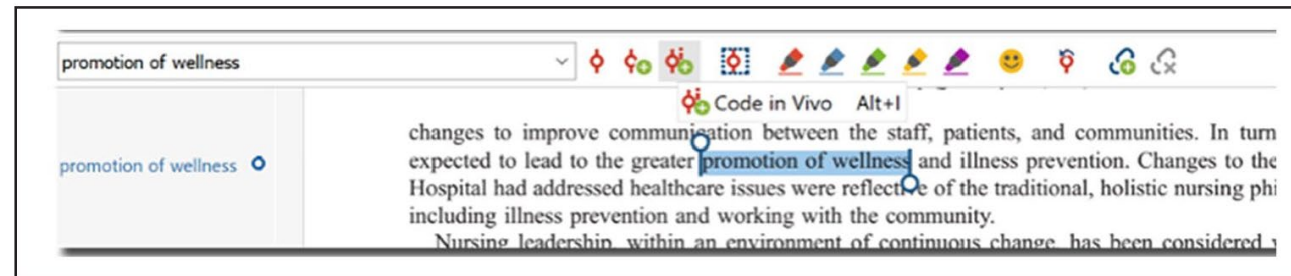


Figure 22. In vivo coding (creating code names directly from data) in MAXQDA.

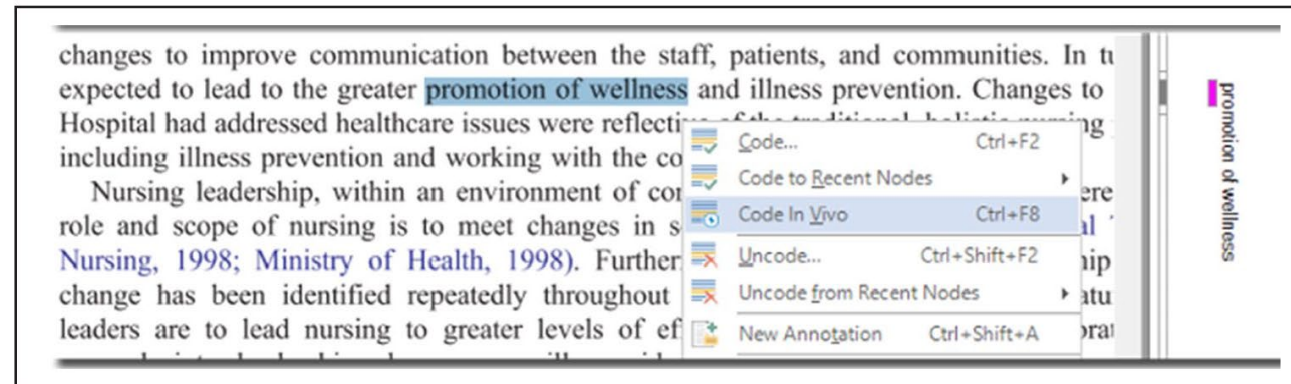


Figure 23. In vivo coding (creating code names directly from data) in NVivo.

6.14 x 9.21 in <

Deductive coding in ATLAS.ti and MAXQDA

The screenshot shows the ATLAS.ti interface. On the left is the 'Code System' window with a tree view containing categories like 'People', 'Assessments', 'Interviews Main Topics', 'Career', 'Health', 'Home life', 'Recreation', 'Relationships', 'Overall satisfaction', and 'Word to story prompts'. The 'Health' category is selected. In the center is the 'Document Browser: Jamie' window showing a document with text and a highlighted segment. A red box with the text 'Move highlighted segment with the cursor on the code' has two arrows pointing from the highlighted text in the document browser to the 'Health' category in the code system.

Code System	Count
Code System	362
People	0
Assessments	0
Interviews Main Topics	0
Career	0
Health	0
Home life	0
Recreation	0
Relationships	9
Overall satisfaction	9
Word to story prompts	0

Document Browser: Jamie
Interviews Main Topics\Health
me uncomfortable. I became a computer programmer after being laid off from AI & I in 1965. I decided I needed to take a gamble with something I thought was interesting.
5 Q: How satisfied are you with your health?
R: I've gained too much weight over the last several years and I don't seem to be doing anything to get rid of it. I have high cholesterol levels, but I don't attempt to change my eating habits. I'd like to jolt myself into becoming more physically active, so I can lose the weight and feel more energetic. I keep saying I'm going to do something about it, soon.
7 Q: How satisfied are you with your home life?
8 R: I'm currently living with my parents, I know I'm WAY TOO OLD to be doing this!! Five years ago I lived in a garden apartment complex and a fire started in my next door neighbor's apartment. There

The screenshot shows the MAXQDA interface. On the left is the 'Explore Codes' window with a table of codes and their densities. A red arrow points from the 'on relationships' code in the table to a highlighted segment in the document viewer on the right. The document viewer shows a text excerpt with a highlighted segment that matches the code.

Name	Count	Density
Experience of parenthood	139	0
negative effects	42	0
less fun	5	4
loss of freedom	9	4
more worries/stress/responsi...	13	4
on financial issues	3	0
on relationships	12	1
on self	6	3
parenthood	62	0
positive effects	41	0
Image composition	18	0
Reasons for having children	119	0
sociodemographics	100	0

Document Viewer: D 3: 3_Parenting blog: reader comments
... Us Part" (http://www.nytimes.com/2009/02/05/opinion/05coontz.html). She writes, "[D]oes the arrival of children doom couples to a less satisfying marriage? Not necessarily. Two researchers at the University of California at Berkeley, Philip and Carolyn Cowan, report in a forthcoming briefing paper for the Council on Relationships in Families that most studies finding a large drop in marital quality after childbirth do not consider the very different routes that couples travel toward parenthood. ... The Cowans found that the average drop in marital satisfaction was almost entirely accounted for by the couples who slid into being parents, disagreed over it or were ambivalent about it. Couples who planned or equally welcomed the conception were likely to maintain or even increase their marital satisfaction after the child was born." So,

Analysis: Comparing Between Groups

MONICA PAEZ

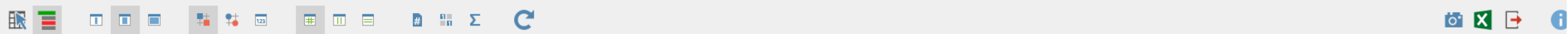
A solid orange horizontal bar at the bottom of the slide.

Analysis: Comparing Between Groups

Mixing methods– adding attribute data to compare sites/groups/ creating matrices

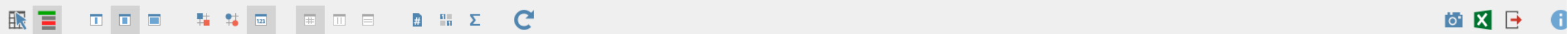
Advantages of software:

- Fast!
- Visual displays can be compelling, exportable
- Easy to change/flexible
- Easily link quant/categorical data and generate matrices



Code System Asse... Max Max Joan... Geor... Robyn Kim Vinnie Teresa Alex Jamie Devin Inter... Olse... Ocea... Focu... Build... Joan... Devi... YouT... Twee...

Code System	Asse...	Max	Max	Joan...	Geor...	Robyn	Kim	Vinnie	Teresa	Alex	Jamie	Devin	Inter...	Olse...	Ocea...	Focu...	Build...	Joan...	Devi...	YouT...	Twee...
People																					
Parents										
Siblings										
Grandparents												
Friends										
Partner										
Assessments																					
positive										
ambivalent														
INTERVIEW MAIN TOPIC																					
negative										
Career										
Health										
Home life										
Recreation										
Relationships										
Happiness (Word to st										
Sadness (Word to st										
Success (Word to st										
Failure (Word to stor										
Overall satisfaction										
AUTOCODE - Search iter										
HIGHLIGHTERS												
FOCUS GROUP - Thema																.					
VIDEO - Codes			.														.				
YOUTUBE - Coded comr																				.	
TWITTER - Autocodes																					.
Max																					
Q			.																		
R			.																		
Focus Group Transcript I																	.				



Code System	Asse...	Max	Max	Joan...	Geor...	Robyn	Kim	Vinnie	Teresa	Alex	Jamie	Devin	Inter...	Olse...	Ocea...	Focu...	Build...	Joan...	Devi...	YouT...	Twee...	
People																						
Parents		1	1	3	1	1		1		3	1	4										
Siblings		1	1		1			2		1	2	2										
Grandparents				1	1			2			1	1										
Friends		1	1	2	6		4	2		3	4	3										
Partner		2	2			3	1	1		1	3	1										
Assessments																						
positive		5	5	5	11	5	5	8		9	8	5										
ambivalent						1	1	1		1	1	2										
INTERVIEW MAIN TOPIC																						
negative		4	4	3	4	1	5	3		2	8	2										
Career		1	1	1	1	1	1	1		1	1	1										
Health		1	1	1	1	2	1	1		1	1	1										
Home life		1	1	1	1	1	1	1		1	1	1										
Recreation		1	1	1	1	1	1	1		1	1	1										
Relationships		1	1	1	1	1	1	1		1	1	1										
Happiness (Word to		1	1	1	1	1	1	1		1	1	1										
Sadness (Word to st		1	1	1	1	1	1	1		1	1	1										
Success (Word to str		1	1	1	1	1	1	1		1	1	1										
Failure (Word to stor		1	1	1	1	1	1	1		1	1	1										
Overall satisfaction		1	1	1	1	1	1	1		1	1	1										
AUTOCODE - Search iter		2	2	1	2	2	7	3		7	4	1										
HIGHLIGHTERS		1	1		1					1												
FOCUS GROUP - Thema																4						
VIDEO - Codes			1														21					
YOUTUBE - Coded comr																					151	
TWITTER - Autocodes																						34
Max																						
Q			10																			
R			10																			
Focus Group Transcript I																44						

Compare Qualitative responses by groups/sites (Attributes/Variables)

NVivo allow you to store and use attribute data about individuals or groups within your database:

	A : Township ▲ ▼	B : Community ▼	C : Generations Down E... ▼	D : Commercial Fishing ▼	E : Recreational Fishing ▼	F : Income Tied to Reso... ▼
1 : DE022	Atlantic	Atlantic	3 or more	Yes	No	no, but was
2 : DE023	Atlantic	Atlantic	3 or more	Yes	No	yes
3 : DE024	Atlantic	Atlantic	3 or more	No	No	yes
4 : DE055	Atlantic	Atlantic	1	No	No	no, never
5 : DE058	Atlantic	Atlantic	none	No	Yes	no, never
6 : DE059	Atlantic	Atlantic	3 or more	No	Yes	no, never
7 : DE086	Atlantic	Atlantic	3 or more	No	Yes	no, but was
8 : DE094	Atlantic	Atlantic	none	No	Yes	no, never
9 : DE100	Atlantic	Atlantic	2	No	Yes	no, never
10 : Charles	Atlantic	Atlantic	1	Unassigned	Unassigned	Unassigned
11 : Richard	Cedar Island	Cedar Island	3 or more	Unassigned	Unassigned	Unassigned
12 : Ken	Cedar Island	Cedar Island	3 or more	Unassigned	Unassigned	Unassigned
13 : Patricia	Cedar Island	Cedar Island	3 or more	Unassigned	Unassigned	Unassigned
14 : DE017	Cedar Island	Cedar Island	3 or more	Yes	Yes	no, but was
15 : DE021	Cedar Island	Cedar Island	3 or more	No	Yes	no, never
16 : DE029	Cedar Island	Cedar Island	3 or more	Yes	No	yes
17 : Maria	Davis	Davis	1	Unassigned	Unassigned	Unassigned
18 : Margaret	Davis	Davis	3 or more	Unassigned	Unassigned	Unassigned
19 : Daniel	Davis	Davis	2	Unassigned	Unassigned	Unassigned
20 : DE025	Davis	Davis	3 or more	No	Yes	no, never
21 : DE035	Davis	Davis	3 or more	No	No	no, never
22 : DE069	Davis	Davis	1	No	No	no, but was
23 : DE075	Davis	Davis	3 or more	Yes	No	yes

Matrix Query

		A : Person:Commercial Fishing = Yes ▾	B : Person:Recreational Fishing = Yes ▾
1 : Due to cost of doing business	▾	0	4
2 : Due to environment impacts of fishing	▾	0	8
3 : Due to foreign competition	▾	0	4
4 : Due to natural variation	▾	0	0
5 : Due to regulations	▾	2	3
6 : Due to tourism and development	▾	2	4
7 : Due to water quality decline	▾	0	5

Crosstab Query

Person	Education Level = Completed high school (17)		Education Level = Some trade school/community college (15)		Education Level = Some undergraduate college/university (12)	
	Gender = Female (5)	Gender = Male (12)	Gender = Female (6)	Gender = Male (9)	Gender = Female (3)	Gender = Male (9)
Agriculture	0	1	0	0	1	0
Fishing or aquaculture	5	11	5	9	3	9
Jobs and cost of living	3	5	1	2	0	1
Tourism	0	1	0	0	0	0
Total (unique)	5	11	5	9	3	9

Analysis: Conceptual Frameworks

SHIMRIT KEDDEM



Analysis: Conceptual Frameworks

Developing conceptual frameworks is a common goal

Displaying data to explore overarching connections

Identifying connections between codes and revisiting the codes / subcodes

Advantages of software:

Visual displays can be compelling, exportable

Easy to change/flexible

Easily linked back to source data/codes

Start

Insert



New Map



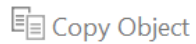
New Document Model



New Code Model



Link



Copy Object



Paste Object



Remove from Map



Bring Forward



Send Backward



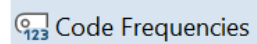
Group Objects



Ungroup Objects



Align



Code Frequencies

Display Symbols



List of Maps



Layers



Library



Copy to Clipboard



Export Map

Maps



Code Co-occurrence Model (C...

New Map

Code Co-occurrence Model (C...

Code Models

Code-Subcodes-Segment...

Code Distribution Model

Code Co-occurrence Mod...

Document Models

Two-Cases Model

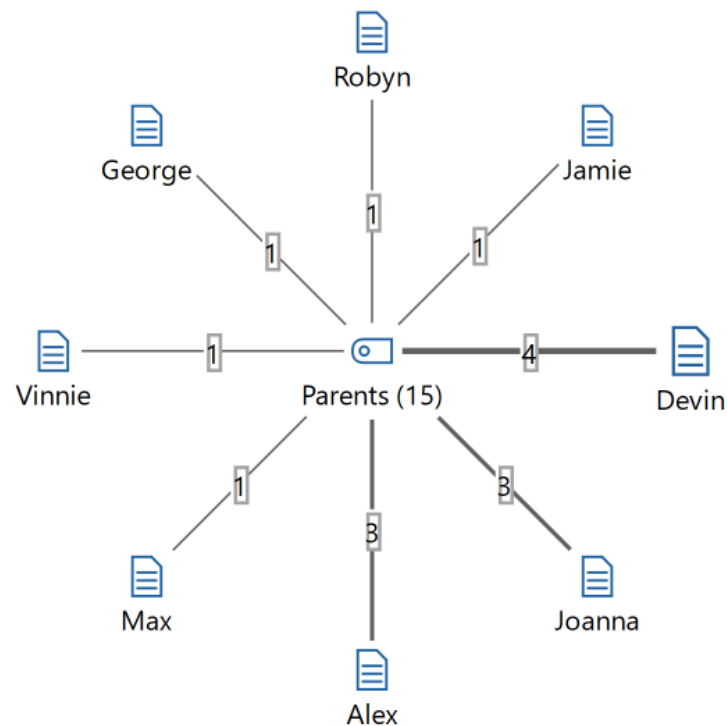
Single-Case Model (Paraph...

Single-Case Model

Creative Coding (1)

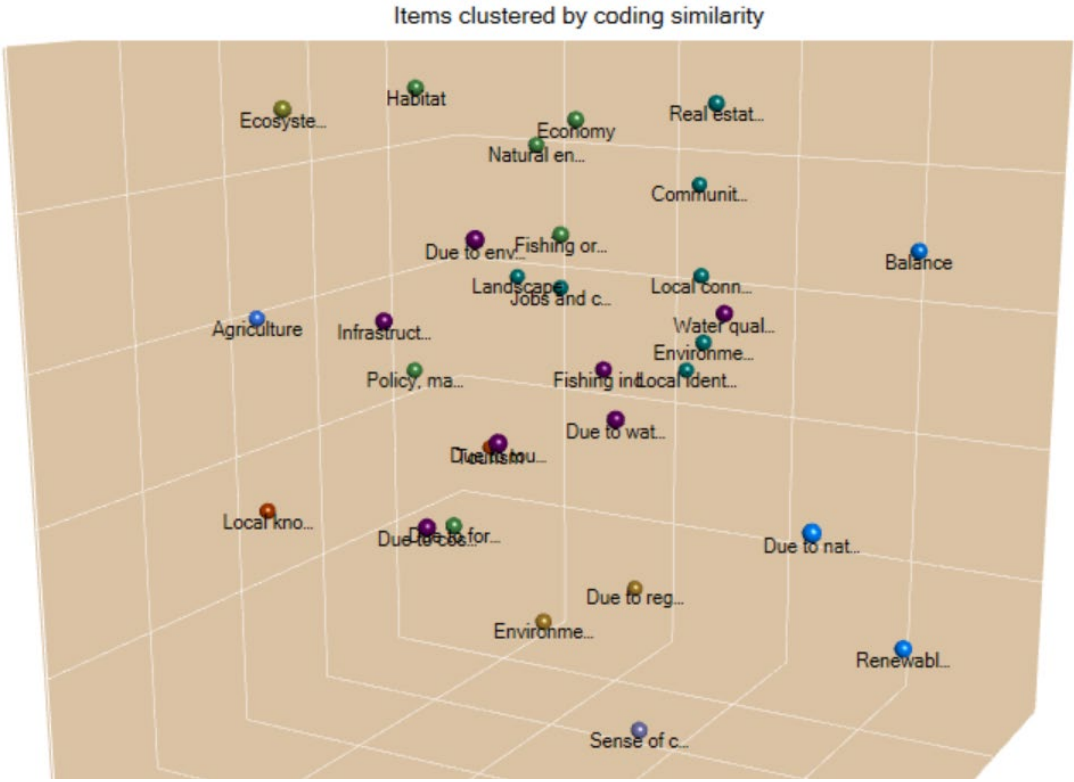
Creative Coding (2)

Code Distribution Model



100%

Nvivo cluster analyses can help find patterns in your data after coding



Memoing

SHIMRIT KEDDEM

Memoing

Important step in qualitative research → Paper Trail!

Record patterns, issues and connections to be compared and contrasted later

A researcher uses memos to:

1. Identify a specific aspect of an excerpt
2. Note its pattern, significance, or uniqueness
3. Comment on variations and/or interconnections
4. Pose unanswered questions

Developing draft of final write-up

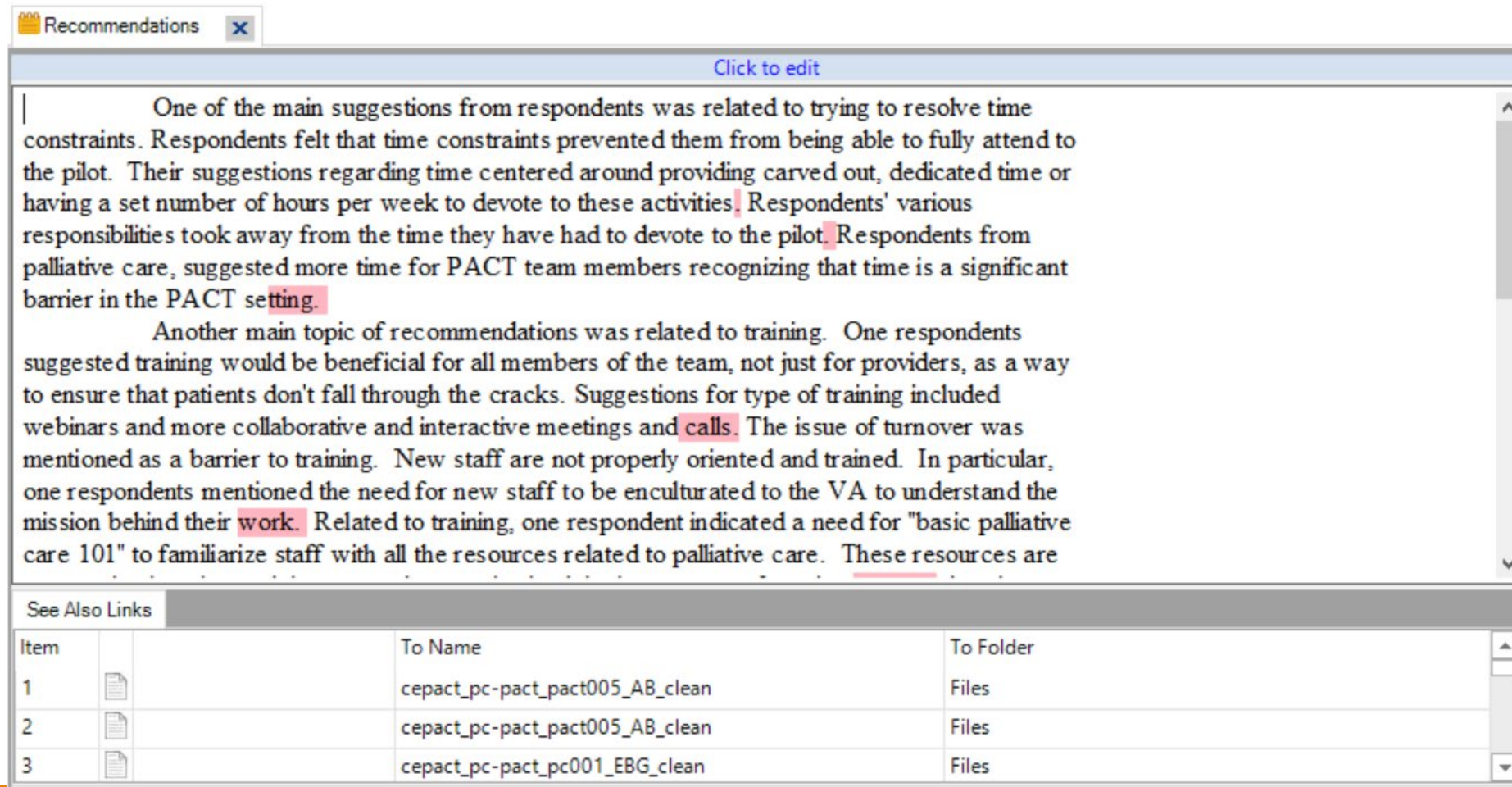
Advantages of using software:

Create unlimited memos

Link memos to any other part of the database

Begin writing results with links

Use See Also Links in NVivo to start writing a results section



Recommendations

Click to edit

One of the main suggestions from respondents was related to trying to resolve time constraints. Respondents felt that time constraints prevented them from being able to fully attend to the pilot. Their suggestions regarding time centered around providing carved out, dedicated time or having a set number of hours per week to devote to these activities. Respondents' various responsibilities took away from the time they have had to devote to the pilot. Respondents from palliative care, suggested more time for PACT team members recognizing that time is a significant barrier in the PACT setting.

Another main topic of recommendations was related to training. One respondents suggested training would be beneficial for all members of the team, not just for providers, as a way to ensure that patients don't fall through the cracks. Suggestions for type of training included webinars and more collaborative and interactive meetings and calls. The issue of turnover was mentioned as a barrier to training. New staff are not properly oriented and trained. In particular, one respondents mentioned the need for new staff to be enculturated to the VA to understand the mission behind their work. Related to training, one respondent indicated a need for "basic palliative care 101" to familiarize staff with all the resources related to palliative care. These resources are

See Also Links

Item	To Name	To Folder
1	cepact_pc-pact_pact005_AB_clean	Files
2	cepact_pc-pact_pact005_AB_clean	Files
3	cepact_pc-pact_pc001_EBG_clean	Files

Export the memo to MS Word with quotes as endnotes

Recommendations for Improving the PC PACT Program

One of the main suggestions from respondents was related to trying to resolve time constraints. Respondents felt that time constraints prevented them from being able to fully attend to the pilot. Their suggestions regarding time centered around providing carved out, dedicated time or having a set number of hours per week to devote to these [activities](#).^{i,ii} Respondents' various responsibilities took away from the time they had to devote to the pilot.ⁱⁱⁱ Respondents from palliative care, suggested more time for PACT team members recognizing that time is a significant barrier in the PACT setting.^{iv}

See Also Links

ⁱ **Internals\\cepact_pc-pact_pact005_AB_clean**

Time is always a factor. I'm like if we had carved out dedicated time to do it that would have been ideal.

ⁱⁱ **Internals\\cepact_pc-pact_pact005_AB_clean**

, I say to dedicate some time to it would be nice without with the interruptions and stuff.

ⁱⁱⁱ **Internals\\cepact_pc-pact_pc001_EBG_clean**

I have been diverted into so many different directions that we have diluted my ability to be involved in this project at all. And, my hopes are that I would be able to, at some point in time, at least to devote 12 to 16 hours a week on this project.

Recap

Qualitative methods have grown – widely accepted in HSR
A need to be more systematic/transparent

QDAS provides a range of tools for analysis of many types of data

Advantages of using QDAS include

- Free from manual/clerical tasks
- Save time
- Analyze large amounts of data
- More flexibility
- Improved validity/auditability

Resources

Saldaña, J. (2016). The coding manual for qualitative researchers. Los Angeles, Calif. Sage Publications

Bazeley, P., & Jackson, K. (2013). Qualitative data analysis with NVivo. 2nd ed. London: SAGE.

Smit, B. (2002). Atlas. ti for qualitative data analysis. Perspectives in education, 20(3), 65-75.

Kuckartz, U., & Rädiker, S. (2019). Analyzing qualitative data with MAXQDA (pp. 1-290). Basel, Switzerland:: Springer International Publishing.

Kalpokas, N., & Radivojevic, I. (2021). Bridging the gap between methodology and qualitative data analysis software: A practical guide for educators and qualitative researchers. Sociological Research Online, 13607804211003579.

[What Qualitative Data Analysis software can and can't do for you – an intro video](#)

<https://atlasti.com/qualitative-research-methods/>

<https://www.qsrinternational.com/nvivo-qualitative-data-analysis-software/home>

<https://www.maxqda.com/>

Questions? Contact Us

Christine.Kowalski@va.gov

Linda.Kawentel@va.gov

Cassie.Goedken@va.gov

Monica.Paez@va.gov

Shimrit.Keddem@va.gov