Contents

	oout the author eface to second edition	xiv xv
In	troduction	1
1	NCT – A method for computer-assisted qualitative data analysis	12
	Introduction	12
	Noticing things	13
	Collecting things	13
	Thinking about things	14
	Projecting the NCT model onto computer-assisted qualitative	
	data analysis	15
	Variations of the three notes: noticing, collecting, thinking	15
	The two phases of analysis	17
	Descriptive-level analysis	17
	Conceptual-level analysis	18
	The use of the NCT method in the context of a larger	
	methodological framework	18
	Further reading	21
2	Getting to know ATLAS.ti	23
	Some basic terms and concepts	23
	Starting the program	24
	Opening the sample project	25
	Skills training 2.1: getting to know the user interface	25
	The drop-down menus and object managers	26
	Multi-region	29
	Fly-out window	30
	Skills training 2.2: handling the code list	30
	Skills training 2.3: previewing the network view function and the	
	query tool	33
	A preview of the network view function	33
	A preview of the query tool	33
	Skills training 2.4: finding your way around the main menu	35
	The main menu	35
	The toolbars	35

vIII CONTENTS

	Summary	36
	Review questions	36
	Glossary of terms	36
	Solutions to the 'survival' exercise	38
3	Data and project management	39
	Data preparation	39
	Supported file formats	39
	Preparing documents	40
	Text documents	40
	PDF files	41
	Choosing between different text formats	41
	Audio and video files	42
	Image files	42
	Excel files (survey import, P-Docs Family Table import)	42
	For Mac users	42
	Size	43
	Language support	43
	Font settings	43
	System settings for Thai and Asian language support on	
	Western European and US Windows systems	43
	User-interface language	44
	Transcription	44
	Transcription guidelines	44
	Skills training 3.1: auto coding	46
	Best practice rules and solutions in a nutshell	47
	Collecting data with the ATLAS.ti mobile app	47
	Project management in ATLAS.ti	48
	What you need to know before setting up a project	49
	Data handling in ATLAS.ti	50
	About 'good' data file names	52
	Setting up a project	54
	Description of the sample data set	54
	Skills training 3.2: setting up a single user project	55 55
	Project setup	55
	Skills training 3.3: working with transcripts and synchronized	50
	media files	58
	Seeing how the association works	59
	Skills training 3.4: working with survey data	60
	Preparing survey data	61
	Importing survey data	62 62
	Team project setup	
	Commonalities of team projects	62 63
	Skills training 3.5: creating user accounts	63 64
	Skills training 3.6: merging projects	64

CONTENTS	iv

	Skills training 3.7: creating backups and transferring a project	
	(also applies to single user projects)	66
	Creating a copy bundle file	66
	Unpacking a copy bundle file	67
	Data source modification in team projects	69
	Various team project scenarios	70
	Scenario 1 – analyzing a common set of documents	70
	Project setup	71
	Continuous project work	72
	Scenario 2 – distributed team work	73
	Project setup	73
	Continuous project work	74
	Scenario 3 – server-based setup	74
	Project setup	75
	Continuous project work	76
	Working with large-sized data sets	76
	Skills training 3.8: creating partial bundle files	77
	Setting up a project with externally linked files	78
	Project setup	78
	Project backup and transfer	78
	Summary	79
	Review questions	79
	Glossary of terms	80
1	Technical aspects of coding	82
	Variants of coding	83
	Skills training 4.1: coding with a new code	83
	Quotation references	85
	Code reference	87
	Skills training 4.2: coding via drag and drop	87
	Changing a code	89
	Skills training 4.3: modifying the length of a quotation	89
	To decrease the size of a segment	90
	Skills training 4.4: writing code definitions	91
	Skills training 4.5: coding with in-vivo codes	92
	Skills training 4.6: further coding-related options	93
	Creating a new code	93
	Renaming codes	94
	Coloring codes	94
	Deleting codes (and other objects)	94
	Merging codes	95
	Writing code definitions	96
	Handling other media types	98
	Skills training 4.7: coding a PDF document	98
	Skills training 4.8: coding an image	99

X CONTENTS

	Skills training 4.9: working with audio and video files	99
	The video interface	99
	Display of video quotations	102
	Adding codes	102
	First steps in analyzing video data	103
	Making use of quotation names	103
	Making use of quotation comments	104
	Associating a text document with a video	106
	Skills training 4.10: working with Google Earth	
	documents	108
	Adding a Google Earth PD	109
	Creating a GE quotation	109
	Summary	110
	Review questions	111
	Glossary of terms	112
5	Embarking on a journey – getting ready and coding the	
	data material	113
	The puzzle analogy	114
	Getting ready for the journey	118
	Skills training 5.1: organizing documents	118
	Exporting and importing information on document groups	120
	Skills training 5.2: commenting your data and keeping track of	101
	analytic thoughts	121
	Comments and memos in ATLAS.ti	122
	Memos in the early stages of analysis	123
	Skills training 5.3: creating a new memo	124
	The journey begins: noticing things and	125
	collecting them	125
	Feedback session: what did you find?	126 128
	How to add more structure to your exploration	133
	Thoughts on inter-coder reliability	135
	More on code word labels, quotations and numbers	139
	Developing a code list in teams Building an efficient code system	140
	Skills training 5.4: developing subcategories	140
	Importing a list of existing codes	143
	Skills training 5.5: building categories from the	113
	bottom up	145
	Applying the NCT process once again	146
	Skills training 5.6: rules for hierarchical coding schemes	149
	Advantages of well-sorted and structured code lists	152
	Summary: moving on	156
	List of research questions to be explored in Chapter 6	157

CO	 -	 *^

	CONTENTS	хi
	Review questions	157
	Glossary of terms	158
	Further reading	160
6	Further steps in the data analysis process	163
	Writing up analysis	164
	Linked memos	165
	Theory or literature memos	166
	Research question memos	167
	Skills training 6.1: creating research question memos	168
	Linking a memo to a quotation	170
	Creating output	170
	Quoting data segments in reports	172
	Recommendations for organizing research	
	question memos	172
	Querying the data	173
	Skills training 6.2: getting to know the query tool	173
	The retrieval language	176
	The three sets of operators	176
	Finding quotations within a set distance	183
	Finding quotations that occur together	185
	Miscellaneous useful query tool functions	185
	Exploring the data terrain further – the journey continues	187
	Skills training 6.3: getting to know the Codes Co-Occurrency Table	188
	Exporting results	191
	Clustering	191
	Skills training 6.4: getting to know the Codes-Primary	
	Documents Table	193
	Skills training 6.5: code queries in combination with document	
	attributes (working with PD families and super families)	197
	Creating super PD families Skills training 6.6 coming a group of the families	201
	Skills training 6.6: saving a query for later reference (or working	
	with super codes)	202
	Properties of super codes	203
	Miscellaneous: editing supercode queries	206
	Skills training 6.7: climbing the hills and clicking on more	200
	complex queries On the use of code families	206
		210
	On the use of numbers and how perfect does the code	212
	system need to be?	212
	Summary Review questions	213
	Review questions Glossary of terms	213
	Further reading	214
	TATALAN TAMBER	/ 1 5

xii CONTENTS

	On memos and writing	215
	On querying data	216
	Solutions	216
	A reminder of set theory for understanding Boolean operators	216
	Step-by-step instruction to answer RQ8	217
7	Working with network views	219
	Skills training 7.1: learning terminology	221
	Skills training 7.2: using network views for conceptual-level analysis	223
	Exploring code-cooccurrences in network views	223
	Case-based analysis in network views	228
	Using network views to discuss findings with your adviser or	
	colleague(s)	230
	Using network views to present findings	230
	Using network views in publications	233
	Skills training 7.3: using network views to pimp your code book	233
	How to open a network view on a code family	233
	How to insert a network view into Word or any other	
	application	233
	How to create reports based on XML style sheets	236
	Skills training 7.4: creating network views	239
	Learning how to link	239
	Exploring the links	240
	Linking multiple nodes simultaneously	241
	Importing nodes	241
	Removing nodes	241
	Moving nodes	242
	Layout options	243
	Display menu	243
	Preference settings	244
	Code colors in network views	244
	Network view preview images	245
	Skills training 7.5: working with the Relations Editor	245
	Explaining the Code-Code-Relations Editor	246
	Modifying an existing relation	248
	Creating a new relation	249
	Skills training 7.6: saving and exporting network views	249
	Saving network views	249
	Exporting network views	250
	Dealing with case-based network views	250
	On the use of network views for structural purposes	252
	Hyperlinks in ATLAS.ti	256
	Examples of using hyperlinks	256
	Skills training 7.7: working with hyperlinks	257
	Linking quotations	258
	Linking across document regions	259

CONTENTS	xi
Browsing hyperlinks	26
Visualizing hyperlinks in network views	26
Overview of all code-code links and hyperlinks	26
Summary	26
Review questions	26
Glossary of terms	26
Further reading	26
Bringing it all together: writing your research report	26
Epilogue	26
References	27
Index	27