Computer-Assisted Qualitative Content Analysis with MAXQDA CAQD 2013

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Three Points

- Characteristics of Qualitative Content Analysis and Performing QCA with MAXQDA
- The Summary Grid and the Summary Tables new options for Computer-Assisted QCA
- |||| Conclusion

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Folie 2



Characteristics of Qualitative Content Analysis

Qualitative Content Analysis ...

- is systematic and replicable
- is centered on categories
- segments the data in coding units ("coded segments," "quotations")
- is guided by a research question (or a theory)
- ||||| works with the entire data set
- IIII structures the data
- is guided by explicit rules
- goes through all the data step-by-step following the same procedure
- IIII claims to be inter-subjective
- ||||| accepts standards, e.g. inter-coder-agreement (reliability)
- integrates interpretation and hermeneutics
- and QCA is a family of different methods and not a single rigidly defined procedure

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Three Types of QCA

Three main types of qualitative content analysis

- 1. Thematic (structural)
- 2. Evaluative
- 3. Type-building

An example to clarify the difference: A content analysis of brochures available on AIDS (in Gerd Gigerenzer's book "Calculated Risks"). The theme "false-positive probability" was defined as category:

- 1 Thematic -> Identify and code, summarize, systematize and present the relevant text passages concerning the category "false-positive probability" 2 Evaluative -> Evaluate how the "false-positive probability" is treated (extensive, incomplete, not at all), count the frequencies, present examples
- 3 *Type-building:* Identify the different types of treatment of the "false-positive probability." Typologies are is developed: "false-positive rate" (1) evidence-based scientific (2) calming by using numbers (3) ...

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How is cross-case analysis possible?

"Cross-case data need to be made comparable via common codes, common displays of commonly coded data segments, and common reporting formats for each case. Codes, displays, and reporting formats are all data-reductive devices for condensing hundreds of pages of text into workable, intellectually coherent units – tables or figures and associated analytic text."

(Miles & Huberman: Qualitative Data Analysis, 1994: 178)

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Matrix Cases by Themes

	Topic A	Topic B	Topic C			
Person 1	Person 1's text passages about Topic A	Person 1's text passages about Topic B	Person 1's text passages about Topic C	⇒ Case summary for Person 1		
Person 2	Person 2's text passages about Topic A	Person 2's text passages about Topic B	Person 2's text passages about Topic C	⇒ Case summary for Person 2		
Person 3	Person 3's text passages about Topic A	Person 3's text passages about Topic B	Person 3's text passages about Topic C	⇒ Case summary for Person 3		
Category-based analysis for						
	Û	Û	Û			
	Topic A	Topic B	Topic C			

-> "monster-dog" or "monster-matrix"

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In-depth interpretation of selected cases Case overviews Qualitative and quantitative crosstabs Data display, graphical representations and visualisations Relationships between the subcategories within a main category Relationships between categories Relationships between categories

The Summary Grid and Summary
Tables

Case-Level Display for Meta-Matrix (Miles & Huberman, 178)

Users	Feelings/Concern s	How Innovation Looked	What Was User Doing Most?	Problems
1.				
2.				
3.				
4.				
5.				

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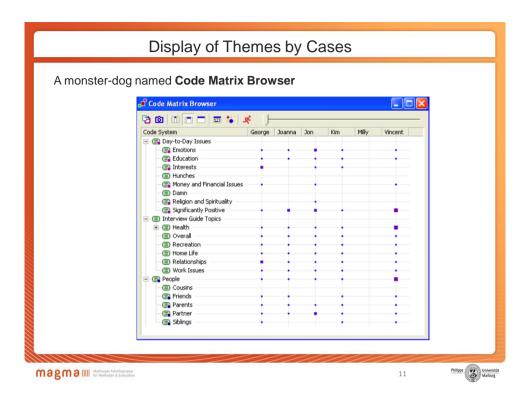


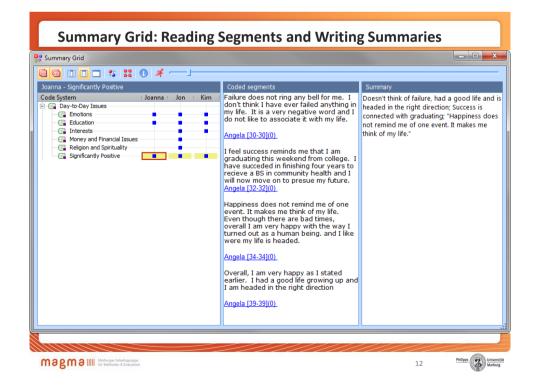
Tame the monster-dog ...

Users	Feelings/Concerns	How Innovation Looked	What Was User Doing Most?	Problems
1. Vance	More comfortable with style of teaching and with having kids outside	Still useful, giving good direction & helpful ideas, activities	Working through materials Giving, participating in env'l educ workshops Working with community Off-campus site work	Time too limited for tasks to be done
2. Drew	Concern with growing number of non- achievers in forestry/ecology class	Too discovery-oriented for kids without biology basics; lecture style more appropriate	Adapting materials & lessons to growing non-achiever population Off-campus site work	Dealing with more non- achievers successfully

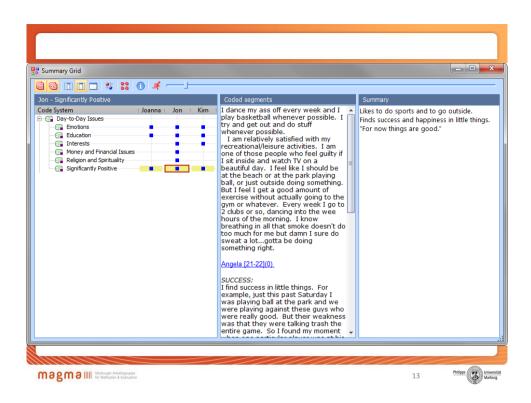
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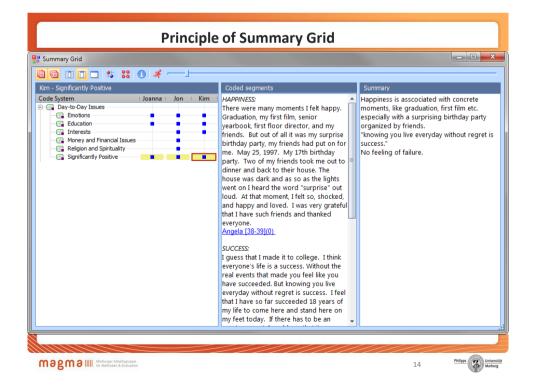




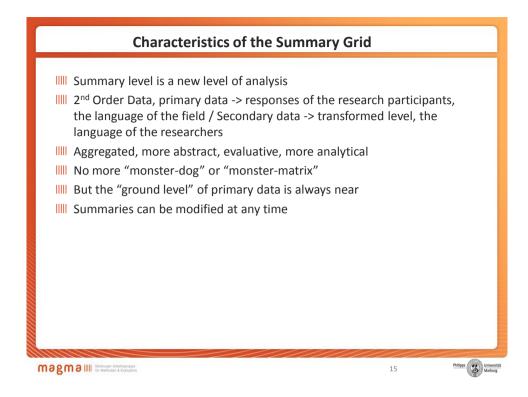


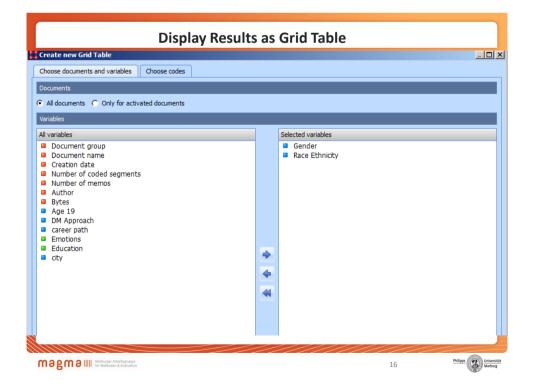
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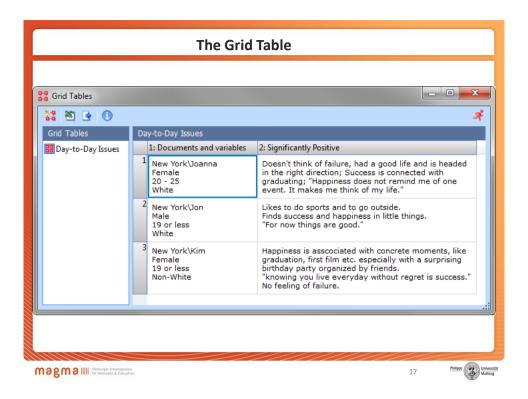


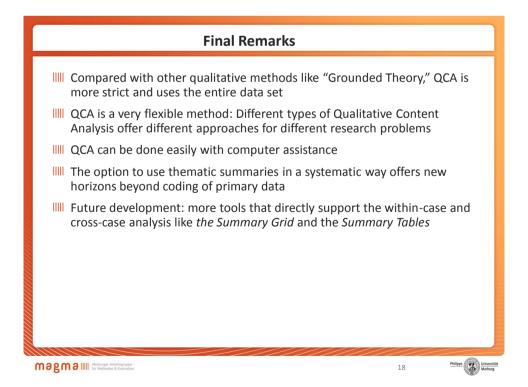


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