Project Title: Qualitative Data Reuse: Records of Practice in Educational Research and Teacher Development
Principal Investigator: Elizabeth Yakel, Ph.D.
Co-Principal Investigator: Kara Suzuka, Ph.D.
Institute for Museum and Library Services Award #LG-06-14-0122-14

Code Set for Qualitative Data Analysis

Parent Code	Child Code	Definition	Notes
Complementary data	[none]	Complementary data is data that complements the digital video, but itself could be used as data, can include negative comments	Can be data that reusers get, or that they produce themselves (e.g. transcript, seating chart)
Complementary data	Class materials	Worksheets, assignments or exercises created and distributed by the teacher, does not have to be a physical worksheet, can be a question on the board	
Complementary data	Classroom demographics	Specific characteristics of the class	e.g. Grade level, demographics (e.g., number of subsidized school lunches, race, ethnicity, etc.) that are at the class level
Complementary data	Curriculum	Entire semester or year teaching plan	
Complementary data	Interviews	interviews with teachers	
Complementary data	Lesson plans	organization of a module, class, or topic	
Complementary data	Literature	academic literature, articles, publications, textbooks	
Complementary data	School demographics	Specific characteristics of the school	e.g. Elementary, middle, high school, etc. - when they talk specifically at the school level
Complementary data	School district demographics	Specific characteristics of the school district	e.g., SES, racial and ethnic composition of the district; number of subsidized school lunches at the district level
Complementary data	Seating charts		
Complementary data	Student demographics	Specific characteristics of students	e.g. Test scores, absences, using students as the unit of analysis
Complementary data	Student work	Work produced or completed by students	Doesn't have to be just written work, e.g. photos of objects created by students, student writing on the board, etc.
Complementary data	Teacher background	Teacher demographics	e.g., Tenure in position, degrees, role in school
Complementary data	Teacher reflection		
Complementary data	Transcript	Transcript of the digital video record of practice either created by the original data producer or by a data reuser	
Context	[none]	Information about the data producer or the production of the video including the planning, research design	Context is about the creation of the digital video (e.g. research design, characteristics of the video itself, the data producer)
Context	Data producer	Information about the data producer	
Context	Data quality	Data reusers assessment of the video	
Context	Research design	Explicit discussion of data collector's research design, information about research methods/design from original data collector;	

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Context	Research question	Original research question the data producer was asking can be a formal question or research aims/objectives	
Context	Video/audio data capture decisions	Information about camera angles and microphone placement/use, who/what is included in the video or focused upon in the audio, e.g. focus on teacher or video that includes teacher and students	
Data analysis	[none]	Data producer discussion of their data analysis activities	To be used when researchers discuss working with data that they produced themselves
Data collection	[none]	Data producer discussion of their data collection activities; can be a generic discussion of data collection	
Data reuse	[none]	General discussion of data reuse	
Data reuse	Accessibility	accessibility features may be necessary for videos to be useful/usable, e.g. captions	Videos without captions/transcripts aren't accessible for individuals with hearing impairment; teaching/lesson planning decisions are often made last-minute and so if the captions aren't already there the video becomes unusable
Data reuse	Attitudes	Attitudes about data reuse; positive/negative	
Data reuse	Challenges	Challenges or difficulties encountered when reusing (or attempting to reuse) data	
Data reuse	Data analysis	Use for data analysis only when reusing data	
Data reuse	Data processing	Anything that needs to be done before analysis; e.g., migrate format, make clip of larger video	e.g. Using QuickTime or iMovie to make smaller clips to show in class
Data reuse	Data selection	How the reuser decides to use a particular data for reuse; how she decides that it will meet her needs	
Data reuse	Discovery process	How the reuser finds/searches for data	
Data reuse	Instructional goals	What goals or intentions does the instructor have for using videos in teaching? Discussion of desired and actual outcomes from teaching activities with video	Use only for teaching (needs to be double coded with teaching)
Data reuse	Needs	Discussion of what the reuser's needs are for a particular instance of data reuse,	

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Data reuse	Research questions	Researchers / data reusers discussion of his/her research questions, aims, or goals, agenda, areas of inquiry. Can be broad or narrow. For researchers this would be research question;	Use only for research (needs to be double coded with research)
Data sharing	[none]	General discussion about data sharing	
Data sharing	Among colleagues	Participant sharing data directly with colleagues	
Data sharing	Attitudes	Attitudes toward data sharing, positive/negative	
Data sharing	Challenges	Data sharing challenges, factors that interfere with data sharing	
Data sharing	Data processing	Producers actions to prepare data for sharing or use	
Data sharing	Repository	Participant discussing the process of interacting and / or depositing her own data with a repository	
Data sharing	With students	Participant using/sharing data with students that he collected for research or teaching	e.g. Showing video from their own research, using video that they produced specifically for their teaching
Data Source	[none]	Use only if data source is not a repository	
Ethics & Legal	[none]	Discussion of general ethics issues	
Ethics & Legal	Appropriate use	Participant describing appropriate uses of, or appropriate ways to use video, discussion about respect	
Ethics & Legal	Confidentiality	Discussion of confidentiality issues around data; FERPA	
Ethics & Legal	Funding agency mandates	Discussion around funding agency requirements	e.g. NSF requirements for data sharing
Ethics & Legal	Legal	Licensing, fair use, and copyright discussions. MOUs.	
Ethics & Legal	Responsible Conduct	Discussion of issues around IRB approval, permissions, consent, agreements etc.	
Ethics & Legal	IRB		
Interaction	Colleagues	Reuser interaction with colleagues	e.g. With other members of research team or colleagues in a professional development setting, in some way that facilitates, enables, helps with data reuse. Also use when someone talks about how they analyze any data collaboratively
Interaction	Data producer	Reuser interaction with data producer	

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Interaction	Repository staff	Reuser interaction with repository staff	
Interaction	Students	Reuser interaction with students	In a professional development setting use interaction with colleagues but in higher end use with students
Interview focus	[none]	use the child nodes (teaching/research) to designate which portions of the interview include discussion about research vs. teaching. may overlap if participant is talking about both at once	
Interview focus	Research		
Interview focus	Teaching		
Participant Background	[none]		
Participant Background	Education	Discussion of the participant's education	
Participant Background	Work experience	Discussion of work history, teaching background, professional experience	
Preservation	[none]	Discussion of data preservation	
Publication	[none]	Reuser talking about their own publications	
Repository	[none]	Any collection of stuff that is available to some public	Added 11/8/16 based on team meeting discussion
Repository	Attitudes	Reuser's attitudes about repositories	
Repository	Curation	Actions taken by the repository to make data usable and preservable	
Repository	Repositories	Specific repository named by participant	If participant mentions same repository multiple times, only code the first mention
Repository	Use processes	Rules and regulations established by the repository to reuse data	
Teaching Context	[none]		
Teaching Context	Audience	Students, colleagues	
Teaching Context	Learning activities	Types of learning activities using digital records of practice	e.g. Small group work, etc.
Teaching Context	Mode	Face-to-face, online, hybrid, etc.	
Teaching Context	Setting	University, professional development (PD); professional learning community (PLC), etc.	
Tools	[none]	General discussion of tool	
Tools	Dissemination	To be used when participants talk about dissemination methods without mentioning a specific tool	e.g. Streaming, downloading, watching a dvd, etc.; from user or repository perspective
Tools	Hardware	To be used when participants talk about hardware/equipment for viewing/accessing data	computer, projector, dvd player, vcr, etc.

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Tools	Learning management system	e.g. Canvas, Blackboard, etc.	Also known as "LMS" and Course Management System (CMS)
Tools	Multimedia authoring software		
Tools	Presentation software		
Tools	Video audio or image editing software		
Tools	Video data analysis software		
Tools	Video sharing or commenting service		
Tools - Specific	Adobe Captivate		
Tools - Specific	Adobe Creative		
Tools - Specific	Blackboard		
Tools - Specific	Canvas		
Tools - Specific	Dedoose		
Tools - Specific	Edthena		
Tools - Specific	Excel		
Tools - Specific	Final Cut		
Tools - Specific	Google Sheets		
Tools - Specific	iMovie		
Tools - Specific	InqScribe		
Tools - Specific	iSpring		
Tools - Specific	Keynote		
Tools - Specific	LessonSketch		
Tools - Specific	NVivo		
Tools - Specific	PowerPoint		
Tools - Specific	QuickTime		
Tools - Specific	R		
Tools - Specific	Studio Code		
Tools - Specific	Teaching Channel Teams		
Tools - Specific	Transana		
Tools - Specific	Vimeo		
Tools - Specific	Zaption		
Trust	[none]	General discussion of trust/trustworthiness	
Trust	Colleagues	Trust in colleagues who recommend data	e.g. Colleagues who provide links to data that they did not produce that is available through a repository
Trust	Data	Trust in the data itself	
Trust	Data producer	Trust in the data producer	
Trust	Repository	Trust in the repository providing data for reuse	
Visibility	[none]	All in this category include positive & negative examples - visibilities & invisibilities	

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Visibility	Biases		e.g. Biases that teachers (pre-/in-service) have about students/learning
Visibility	Colleague making data visible		
Visibility	Data analysis	Data analysis methods of the original data producer or among reusers/collaborators	
Visibility	Data producers' intentions		
Visibility	Data producers' research questions		
Visibility	Findability of data in repositories	Includes barriers to access	
Visibility	Findability of data produced by others		
Visibility	Findability of one's own data		
Visibility	Methods	Original data collection methods,	
Visibility	Other reuse		
Visibility	Other's work		e.g. Transcription
Visibility	Repository work	May be about data curation, data processing, etc.	
Visibility	Researchers		
Visibility	Reusers	Visibility of work done by other reusers	
Visibility	Teaching practices	Teaching & learning	

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Attribute	Options	Notes
Role	Faculty	
	Graduate Student	
	Professional	
	Postdoc	
	Other	
Current Title	[write-in participant's title]	info found from: participant's email signature, department website, c/v, professional bio, etc.
Protocol Used	Research	interview used the research stream of questions
	Teaching	interview used the teaching stream of questions
	Both	interview used questions from both the research & teaching stream of questions
Primary Data Reuse	Research	participant indicated that their primary data reuse was for research
	Preservice Teaching	participant indicated that their primary data reuse was for teaching pre-service teachers (e.g. faculty member in school of education)
	Professional Development (PD) Provider	participant indicated that their primary data reuse was as a PD provider to in-service teachers
	Personal Study	participant indicated that their primary data reuse was for personal study
	n/a	use n/a only if participant doesn't reuse data at all
Data Collector	yes	
	no	
	n/a	
Data Sharing to Repository	yes	participant has deposited data into a repository

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Attribute	Options	Notes
	no	participant has not deposited data into a repository
	n/a	attribute may not be applicable, e.g. if participant does not collect data and therefore has no data to share
Data Sharing to Colleagues	yes	participant has shared data with colleagues
	no	participant has not shared data with colleagues
	n/a	attribute may not be applicable, e.g. if participant does not collect data and therefore has no data to share
Data Reuse - Teaching	yes	participant has reused data for teaching, regardless of whether that is their primary reuse or not
	no	participant has not reused data for teaching
	n/a	
Data Reuse - Research	yes	participant has reused data for research, regardless of whether that is their primary reuse or not
	no	participant has not reused data for research
	n/a	
Data Reuse - Professional Development Provider	yes	participant has reused data for as a PD provider, regardless of whether that is their primary reuse or not
	no	participant has not reused data as a PD provider
	n/a	
Data Reuse - Personal Study	yes	participant has reused data for personal study, regardless of whether that is their primary reuse or not
	no	participant has not reused data for personal study
	n/a	
Subject Area	Math	participant indicates that their primary area of focus is mathematics

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Attribute	Options	Notes
	Science	participant indicates that their primary area of focus is science
	Other	participant indicates that their primary area of focus is a non-math, non-science subject area (e.g. literature, history, etc.)
	n/a	participant gave no indication about their primary subject area
Interaction with Repository Staff	yes	based on the 'interaction/repository staff' code
	no	
	n/a	