Secondary victimization of IPV victims and their children: the perspective of antiviolence workers DATA MANAGEMENT PLAN (DMP)

Authors:

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General information

Applicant: Annalisa Cecconi

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Premise

This document aims at contributing to open science practice in qualitative research, despite its necessary limitations in sharing data due to dealing with a sensitive topic (domestic violence). A short premise will introduce the DMP in order to make certain data and sharing choices more understandable.

Qualitative research is, due to its intrinsic characteristics, extremely consistent with the open science practice: the core of qualitative research is on the methodological process, and qualitative researchers are encouraged to provide detailed accounts of their research procedure, aligning with the open science principle of replication; the research has to be rigorous and transparent, in order to ensure its trustworthiness, namely, the qualitative research form of 'validity' (Steltenpohl et al., 2023¹). At the same time, qualitative data sharing is not at all a straightforward process: sharing qualitative data such as interviews' transcripts can entail risks both for participants' privacy and for the research process, as it is data that is specifically situated in the context of the research, and therefore not easily reusable (Chauvette et al., 2019²; Dubois et al., 2018³). Nevertheless, how to integrate qualitative research in open science practice is now more and more discussed. For instance, specific quality criteria and methods to improve and ensure transparency and rigor of the research process (e.g., taking notes, member checking, realizing an audit trail; for a summary, see Korstjens et al., 2018⁴) can be enhanced and shared, and they represent a contribution to apply open science to qualitative research.

A more detailed description of the type of data that are specific for qualitative research and that are object of this data management plan (e.g., audit trail, interviews' notes, positionality and reflexivity statement) are reported in Annex 1.

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¹ Steltenpohl, C. N., Lustick, H., Meyer, M. S., Lee, L. E., Stegenga, S. M., Reyes, L. S., & Renbarger, R. (2023). Rethinking transparency and rigor from a qualitative open science perspective.

² Chauvette, A., Schick-Makaroff, K., & Molzahn, A. E. (2019). Open data in qualitative research. *International journal of qualitative methods*, *18*, 1609406918823863.

³ DuBois, J. M., Strait, M., & Walsh, H. (2018). Is it time to share qualitative research data?. Qualitative psychology, 5(3), 380.

⁴ Korstjens, I., & Moser, A. (2018). Series: Practical guidance to qualitative research. Part 4: Trustworthiness and publishing. *European Journal of General Practice*, *24*(1), 120-124.

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Data description and collection or re-use of existing data

The research aims at collecting the perspective of anti-violence centers workers on secondary victimization of domestic violence victims and children witnessing it. A qualitative methodology will be adopted, and new data will be collected through participant observation in an anti-violence center and semi-structured interviews with 26 participants. These interviews will be audio-recorded and transcribed verbatim.

Interviews will be carried out between the months of July and September 2024 by the research team composed by Annalisa Cecconi, Carlo Tomasetto and Cinzia Albanesi (Dipartimento di Psicologia Renzo Canestrari, Università di Bologna).

Table 1 synthetizes the data's characteristics.

Type of data	Formats used	Formats for
Type of uata	during data processing	sharing, reuse and preservation
Recordings of interviews	WAV, MP3	Audio recordings of the interviews will be destroyed after transcripts to guarantee anonymity of participants.
Transcripts of the interviews	Microsoft word (.docx)	PDF
Interview guide	Microsoft word (.docx)	Plain text (.txt)
Interviews' analysis schema	Microsoft Excel (.xls/xlsx)	Microsoft Excel (.xls/xlsx/csv)
Audit trail (research process description)	Microsoft word (.docx)	PDF
Fieldnotes	Microsoft word (.docx)	PDF
Interviews' notes	Microsoft word (.docx)	PDF
Positionality and reflexivity statement	Microsoft word (.docx)	Plain text (.txt)

Table 1 - Summary of data formats

Documentation and data quality

A 'readme' file in txt format (see Annex II) for each dataset will be deposited. Each readme file will contain details regarding data content and structure, data collection, processing and analysis methodologies, quality assurance, dataset authorship.

The expected size of the data is around 50 MB for each recording and 40-50 KB for each text/excel file. Considering the early stage of the project, the effective size may vary with respect to what is declared in the present document. Potential variations will be addressed in further versions of this document. The data produced can be of interest to different potential users inside and outside the project.

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Storage and backup during the research process

Data will be stored in OneDrive (provided by UniBo) and backed up on the personal laptop and on a hard disk of one of the researchers (Annalisa Cecconi). In the event of an incident, having and offline and online copy of the data should ensure the recovery of the data. Data will be organized in two main folders: "data collection" and "data analysis". The former will contain the following files: interview guide, interviews' notes, fieldnotes, audit trail, and the following subfolders: recordings and transcripts of the interviews. The latter will contain two files: interviews' analysis schema, and positionality/reflexivity statement.

Different access to the data will be applied: recordings will be available only to one of the researchers (Annalisa Cecconi) and will be deleted as soon as they will be transcribed; transcripts of the interviews, interviews' analysis schema, fieldnotes and interviews' notes, which won't contain identifying data such as the name of the participant, but represent still sensitive data, will be available only to the research team (Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi); the interview guide, audit trail and positionality and reflexivity statement will be openly accessible (see data sharing paragraph).

Legal and ethical requirements, codes of conduct

The approval of the ethical committee of University of Bologna is required for this research and the request has been approved in June, 2024. The research will be conducted according to University of Bologna's Regulation for research integrity⁵, Policy on research data management⁶ and Guidelines for research data management⁷.

Informed consent to participation and data processing will be collected from every participant and deposited in a secure locker in a locked room in one of the University buildings.

The collected data will be pseudonymised once the recordings will be transcribed: no personal data will be available in the transcripts. After the transcript is completed, the recordings will be deleted. A schema containing the interview's number (e.g., Interview 1, Interview 2 etc.) and contact information of the interviewee will be stored in the personal laptop of one of the researchers (Annalisa Cecconi) in a different folder than the research data folder, and it will be password protected. The schema won't in any case contain the explicit name of the interviewee, but only the initials and contact information.

The transcripts of the interviews, interviews' analysis schema, fieldnotes and interviews' notes, which won't contain identifying data but still represent sensitive data, won't be openly accessible.

Data sharing and long-term preservation

At this moment of the research, we believe that interviews' transcripts, fieldnotes and interviews' notes won't be openly accessible: although sensitive data (interviews' recording) will be deleted, the interviews' transcripts, fieldnotes and interviews' notes nevertheless are related to a sensitive

⁵ Available at: <u>https://normateneo.unibo.it/regolamento-sullintegrita-della-ricerca</u>

⁶ Available at: <u>https://www.unibo.it/it/allegati/policy-di-ateneo-per-la-gestione-dei-dati-della-</u>

ricerca/@@download/file/Policy-Ateneo-per-la-gestione-dei-dati-della-ricerca.pdf

⁷ Available at: <u>https://www.unibo.it/it/ricerca/open-science/linee-guida-di-ateneo-per-la-gestione-dei-dati-della-ricerca</u>)

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topic and were collected with participants from a limited population (anti-violence centers workers). In this sense, sharing the transcripts would entail the risk of identifying the participants. At the same time, the interviews' analysis schema can imply this risk as well, and therefore won't probably be shared - nevertheless, parts of the analysis schema can be shared under reasonable request directly to the authors.

As for the preservation, recordings will be deleted as soon as the transcripts are completed. All other data will be deposited in AMSActa.

All datasets will have different times of realization and eventual sharing:

- The interview guide was realized in April/May, 2024 and will be shared in September/October, 2024
- The interviews' recordings will be realized in July/August/September 2024 and won't be shared. They will be deleted as soon as the transcripts are complete.
- The interviews' transcripts will be realized in September/October 2024 and won't be shared.
- The interviews' analysis schema will be realized in September/October 2024 and won't probably be shared, although its sharing status is still under consideration and, in any case, parts of the analysis schema will be available under reasonable request directly to the authors.
- The fieldnotes will be realized in July-September 2024 and won't be shared.
- The interviews' notes will be realized in July-September 2024 and won't be shared.
- The audit trail will be realized through the whole research process and will be shared at the end of the process, in December 2024.
- The positionality/reflexivity statement will be realized together with the analysis in September/October 2024 and will be shared at the end of the process, in December 2024.

Data management responsibilities and resources

Annalisa Cecconi, Carlo Tomasetto and Cinzia Albanesi will be responsible for data capture, metadata production, data quality, storage, backup, data archiving and sharing.

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Annex I: Datasets tables

num	status	Dataset title: Interviews' Recordings
ID	[ID type]	
	Chosen pository	None
١	Version	1
Tean	n in charge	Annalisa Cecconi
C	reator/s	Annalisa Cecconi
Con	tributor/s	Annalisa Cecconi
	Contact erson/s	Annalisa Cecconi
С	ontents	Recordings of the interviews
Da	ta format	WAV, MP3
Dat	ta volume	1 GB
Aco	cessibility	Not accessible
	Related plication/s	

num	status	Dataset title: Interviews' Transcripts
ID	[ID type]	
	Chosen pository	None
\	/ersion	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
C	reator/s	Annalisa Cecconi
Con	tributor/s	Annalisa Cecconi
	Contact erson/s	Annalisa Cecconi

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num	status	Dataset title: Interviews' Transcripts
С	ontents	Verbatim transcripts of the interviews
Da	ta format	.txt
Dat	ta volume	100 MB
Ac	cessibility	Not accessible
Related publication/s		

num	status	Dataset title: Interview guide
ID	[ID type]	
Chosen AMS ACTA		AMS ACTA
\	/ersion	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Cı	reator/s	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Con	tributor/s	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
	Contact erson/s	Annalisa Cecconi
C	ontents	Guide realized and used to conduct the interviews.
Dat	ta format	.txt
Dat	a volume	1 MB
Acc	cessibility	Accessible
-	Related lication/s	

num	status	Dataset title: Interviews' analysis schema
ID [ID type]		

num	status	Dataset title: Interviews' analysis schema
	Chosen pository	None
\	Version	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Cı	reator/s	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Con	tributor/s	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
	Contact erson/s	Annalisa Cecconi
C	ontents	Schema of the qualitative analysis of the interviews including generated themes and codes
Dat	ta format	.xls
Dat	ta volume	1 MB
Acc	cessibility	(under consideration) Probably not accessible with the possibility of sharing parts of it under reasonable request directly to the authors
	Related plication/s	

num	status	Dataset title: Fieldnotes
ID	[ID type]	
	Chosen pository	None
\	/ersion	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Cı	reator/s	Annalisa Cecconi
Con	tributor/s	Annalisa Cecconi
	Contact erson/s	Annalisa Cecconi

num	status	Dataset title: Fieldnotes
С	ontents	Notes that were taken during the period of familiarization with the context by one of the researchers.
Dat	ta format	.txt
Dat	a volume	1 MB
Acc	cessibility	Not accessible
-	Related plication/s	

num	status	Dataset title: Interviews' notes
ID	[ID type]	
	Chosen pository	None
\ \	/ersion	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Cı	reator/s	Annalisa Cecconi
Con	tributor/s	Annalisa Cecconi
	Contact erson/s	Annalisa Cecconi
C	ontents	Notes that were taken during the data collection process. Interviews' notes are functional to collect impressions and reflections that were produced at the very moment of data collection, and that can be therefore useful for the development of themes and codes (qualitative analysis).
Dat	ta format	.txt
Dat	a volume	1 MB
Acc	cessibility	Not accessible
	Related lication/s	

num	status	Dataset title: Audit trail
ID	[ID type]	
	Chosen pository	AMS ACTA
١	/ersion	1
Tean	n in charge	Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Cı	reator/s	Annalisa Cecconi
Con	tributor/s	Annalisa Cecconi
	Contact erson/s	Annalisa Cecconi
c	ontents	In qualitative research, audit trail is the detailed description of the whole research process (e.g., development of the research design, adaptations, modifications during implementation, development of the results), to enhance its transparency and rigour.
Dat	ta format	.txt
Dat	a volume	1 MB
Acc	cessibility	Accessible
-	Related blication/s	

num	status	Dataset title: Positionality and reflexivity statement
ID [ID type]		
Chosen repository		AMS ACTA
,	Version	1

num	status	Dataset title: Positionality and reflexivity statement
Team in charge		Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Creator/s		Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Contributor/s		Annalisa Cecconi, Carlo Tomasetto, Cinzia Albanesi
Contact Person/s		Annalisa Cecconi
Contents		In qualitative research, researchers need to reflect and share how their subjectivity (in terms of role, experiences, identity) can affect the research process (e.g., in the relationship with the participants during data collection) and related decisions, and how to address potential bias.
Data format		.txt
Data volume		1 MB
Accessibility		Accessible
Related publication/s		

Annex II: "README" file template

A "README" file is a document that will be deposited containing relevant information about dataset authorship, terms of reuse and responsibilities, explaining dataset content and structure, collection procedures and analysis (such as file specifics, methodologies, codebooks of variables, data sources, and further necessary notes). The template of the README file is shown here.

README file

Dataset Title: "[insert title as defined in the DMP]"

Dataset Author/s: Name Surname (Affiliation), ORCID (if available);

[Add one or more creators, if present]

Dataset Contributor/s: Name Surname (Affiliation), ORCID (if available);

[Add one or more contributors, if present. Otherwise, cancel this line]

Dataset Contact Person/s: Name Surname (Affiliation), ORCID (if available), email;

[Add one or more contact person]

Dataset License: this dataset is distributed under a (INSERT LICENSE)

[Insert the chosen license as indicated in the DMP: e.g. "this dataset is distributed under a Creative Commons Attribution 4.0 International (CC BY 4.0) license, <u>https://creativecommons.org/licenses/by/4.0/</u>"]

Publication Year: (insert YEAR)

Grant Agreement num. [insert grant agreement number]; [insert project website url]

Dataset Contents

The dataset consists of:

[Indicate the files that compose the dataset and their name and format.

WE <u>STRONGLY SUGGEST YOU</u> TO FOLLOW THE EXAMPLES PROVIDED FOR THE FILE NAMING, MATCHING THE DATASET FILENAME WITH THE README ONE

In the following examples the datasets were composed by only one file. In case the dataset consists of more files you can name them as described and put them in a compressed folder. In this case readme file name should match the compressed folder name] EXAMPLE1

• 1 textual qualitative file saved in .rtf format

"ProjectAcronym_WP3_T3-2_ItalyInterviews_20161221_v01.rtf"

[structure of the filename "ProjectAcronym_insert WP number_insert Task number, e.g. T3.2_ insert Content Describing Keywords_insert date YYYYMMDD_insert version, if needed.format"

Suggested format:

-for textual qualitative data .rtf or .txt

-for tabular quantitative and qualitative data .csv

avoid proprietary formats such as .doc/.docx and .xls/.xlsx]

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• 1 README file

"README_ProjectAcronym_WP3_T3-2_ItalyInterviews_20161221_v01.rtf"

[Same naming as the dataset file. Preferred format .rtf/.txt, allowed format .pdf] EXAMPLE2

- 1 tabular quantitative file saved in .csv format
 "ProjectAcronym_WP7_T7.3_Questionnaire_Sweden_20170905.csv"
- 1 README file
 "README_ProjectAcronym_WP7_T7-3_Questionnaire_Sweden_20170905.rtf"

Dataset Documentation

Abstract

[Insert a brief abstract describing the content of the dataset]

Content of the files:

• file [Insert filename] contains ...

[Provide a brief description of the content of the file/s. This is an example of how you could start]

• file [Insert filename] contains ...

File specifics

[Provide useful info regarding file conversion etc... (Optional)

Please indicate instruction/technical info in order to allow potential users to correctly visualize and reuse your data (e.g. specific software, ...).

In case of data converted in open formats it could be useful to provide some further information. For example if you deposit for long term preservation a .csv file derived from an excel you can describe the conversion. Here is an example of description of conversion using libre office calc software:

To create the .csv files, "LibreOffice Calc" version: 5.1.4.2 (portable) was used, with the following specifics:

•Character set Europa occidentale (Windows-1252/WinLatin1)

•Field delimiter « , » (comma)

•Text delimiter « " » (quotes)]

Notes

[Related to the whole dataset or to single files of a multi-file dataset (Optional)]

Data sources

[Optional]

Methodologies

[If necessary to understand how to reuse data]

Codebook of variables

[If necessary to understand the meaning of the variables]

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