DATA MANAGEMENT PLAN
SFB 1287 / 2025 / PHASE 2

PROJECT B02

Table of contents

General Information

Overview

Project number

B02

Name of Experiment / Acronym / Number

WP2

Involved persons

Nicole Stadie, Frank Burchert, Dorothea Pregla, Leonie Lampe

PI or responsible person (head of the study)

Nicole Stadie, Frank Burchert

Subject area

Linguistics

Method / Type of data

Eye-tracking with visual world paradigm (sentence comprehension), information regarding reaction accuracy and reaction times EEG (sentence comprehension), information regarding reaction accuracy and reaction times

Participants (of the study)

Control subjects with normal speech: 18-100 years old, target: at least 10 per decade, a total of approximately 60 people with aphasia, target: at least 10

Short description (of the study)

Participants complete four tasks: semantic prediction and syntactic prediction, each using eye tracking and EEG. In addition, background tests on cognitive abilities and hearing are conducted.

Comments (optional)

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Data Management Requirements

Are there requirements regarding the data management from your scholarly / scientific community?

yes

If yes, what are the requirements?

- *DFG Guidelines on the Handling of Research Data*

- *Data Management in Psychological Science*

- *„Handlungsempfehlungen zum Umgang mit Forschungsdaten" University of Potsdam*

- *„Technische und organisatorische Maßnahmen" (TOM) gemäß Art. 32 Abs. 1 DSGVO.*

Financial Support

Who is funding the project?

DFG - Deutsche Forschungsgemeinschaft e.V. (German Research Foundation) - https://www.dfg.de/en/

In which funding line and / or which funding program is the project funded?

Collaborative Research Centre 1287 - Project number 317633480

Dataset Information

Data Origin

Is the dataset being created or re-used?

created

If re-used, who created the dataset and under which address, PID or URL is the data set available?

-

Data Collection

When does data collection start? (approximately / tentatively)

01.01.2023

When does data collection end? (approximately / tentatively)

31.12.2023

Data Handling

Where is the dataset stored during the project?

- *SFB file server*

- *Box.UP cloud*

- *researcher's computer*

- *computer in the laboratory*

If data is stored on lab or personal computers, please describe the backup strategy.

Backup weekly to external hard drive

Which file formats are used?

.txt .csv .eeg .vdhr .vmrk .log .xml

Which measures of quality assurance are taken for this dataset?

- *Control groups*

- *Four-eyes principle*

- *Transcribing interviews*

- *Using common file formats*

- *Good documentation*

Code review

Data Analysis

When does data analysis start? (approximately / tentatively)

15.04.2023

When does data analysis end? (approximately / tentatively)

31.12.2024

Data Reuse

Which individuals, groups or institutions could be interested in re-using this dataset? What consequences does the reuse potential have for the provision of the data later?

other researchers from the fields of linguistics, psychology, and cognitive science.

Legal and Ethics

Personal Data

Does this dataset contain personal data?

yes

Are these data anonymised?

yes

Property Rights

Does the project use and/or produce data that is protected by intellectual or industrial property rights?

no

If yes, please explain which data protected by intellectual or industrial property rights?

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Publication

Publishing or Sharing Data

Will this dataset be published or shared?

yes

If yes, the principal investigator of the study ensured that the consent form / subject information sheets support publishing of the data?

yes

If yes, under which terms of use or license will the dataset be published or shared?

Gemeinfrei (CC0)

If yes, when will the data be published?

Recommended procedure: Upload data and obtain digital identifier (e.g., DOI, OSF link) when submitting the first paper; thus, you can cite the data in the paper. If necessary, restrict public access (embargo) until last paper published (max. 2 years).

If no, please explain why not. Please differentiate between legal and contractual reasons and voluntary restrictions.

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Storage and Long-Term Preservation

Archive

Does this dataset have to be preserved for long-term?

yes

How long does the data need to be stored?

The DFG expects primary data that is the basis of a publication to be stored in the researcher's own institution or an appropriate nationwide infrastructure long-term (for at least 10 years).

What are the reasons this dataset must be preserved for the long-term?

- *Use in a publication / Evidence of good scientific practice*

- *Reuse (if anonymizable data) in subsequent projects or by others*

- *Legal obligations*

- *Documentation because it is socially relevant*

- *Self-commitment*

- *Evidence of good scientific practice*

- *DFG requirements*

Where will the data (including metadata, documentation, and relevant code) be stored or archived after the end of the project?

- *SFB 1287 File-Server*

- *OSF*

- *Research Data Server from Project IN-FDM-BB (a.t.m. not available)*