SFB 1287

Limits of Variability in Language
Cognitive, Grammatical, and Social Aspects

DATA MANAGEMENT PLAN

CRC 1287 | 2021 | Phase 1

Project B02

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GENERAL INFORMATION

Overview

Project number

B02

Name of Experiment / Acronym / Number

Experiment zum Satzverstehen, Eye-Tracking

Involved persons

Dorothea Pregla, Paula Lissón

PI or responsible person (head of the study)

Nicole Stadie, Frank Burchert, Shravan Vasishth

Subject area

Sentence comprehension

Method / Type of data

Eye-Tracking

Participants (of the study)

healthy adult control participants, individuals with aphasia, mean age: 50 years

Short description (of the study)

In this experiment, we assess the varaibility in the processing of subject and object control structures, subject and object relative clauses and declarative sentences.

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

- 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 317633499

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?

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Data Collection

When does data collection start? (approximately / tentatively)

July 2018

When does data collection end? (approximately / tentatively)

March 2020

Data Handling

Where is the dataset stored during the project?

- CRC file server

- Box.UP university cloud

- researcher's computer

- computer in the laboratory

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

- Data are stored on the recording computer until the data collection of all participants is completed.

- Data are transferred to a USB stick after every testing session where they are stored. Additionally, the data are transferred to the computer of the person who analyses the data once per month and a complete data set is transferred to the CRC File Server.

Which file formats are used?

Experimental data:

- reaction time data: *.csv files , data consists of reaction times in milliseconds

- accuracy data: *.csv files, data consists of 1 (correct) and 0 (incorrect)

Eye-Tracking data:

- raw data: *.csv files, data consists of timestamps with xy coordinates

Processed data: *.csv files, data consists of 1 (target region fixated) and 0 (non target region fixated). saccades are excluded

Which measures of quality assurance are taken for this dataset?

Experimental design contains comprehension questions. Data are analyzed for outliers and biases in the responses (by the person who analyzed the data). Items are randomized and conditions are matched as closely as possible

Data Analysis

When does data analysis start? (approximately / tentatively)

March 2019

When does data analysis end? (approximately / tentatively)

December 2020

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?

- raw data are non anonymizable

- reuse of data by other researchers/scientists is NOT possible because the identity of the participants could be revealed (personal data).

- Data cannot be shared. (only transcribed data could be shared)

- transcribed data are anonymizable and can be released to others

LEGAL AND ETHICS

Personal Data

Does this dataset contain personal data?

yes

If 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

<u>Publishing or Sharing Data</u>

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?

CC0 (Public Domain)

If yes, when will the data be published?

when the paper is published

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

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

- CRC 1287 File-Server

- OSF

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

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