



**SFB  
1287**

**Limits of Variability in Language**  
Cognitive, Computational, and Grammatical Aspects

# DATA MANAGEMENT PLAN

**CRC 1287 | 2025 | Phase 2**  
**Project B03**

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## TABLE OF CONTENTS

<b>General Information .....</b>	<b>3</b>
Overview .....	3
Data Management Requirements .....	4
Financial Support .....	5
<b>Dataset Information .....</b>	<b>6</b>
Data Origin .....	6
Data Collection .....	6
Data Handling.....	6
Data Analysis .....	7
Data Reuse .....	7
<b>Legal and Ethics .....</b>	<b>8</b>
Personal Data.....	8
Property Rights.....	8
<b>Publication .....</b>	<b>9</b>
Publishing or Sharing Data .....	9
<b>Storage and Long-Term Preservation .....</b>	<b>10</b>
Archive .....	10

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## GENERAL INFORMATION

### **Overview**

#### **Project number**

B03

#### **Name of Experiment / Acronym / Number**

WP2 - Experiment 1

#### **Involved persons**

Yana Arkhipova

#### **PI or responsible person (head of the study)**

Milena Rabovsky

#### **Subject area**

Cognitive Neuroscience, Sentence Processing

#### **Method / Type of data**

EEG

#### **Participants (of the study)**

N = 120 (after replacement due to noisy data) Right-handed, 18-40, German native speakers, monolingual, no neurological disorders, normal or corrected-to-normal vision, have not participated in similar studies.

### **Short description (of the study)**

In this EEG experiment, participants will be presented via rapid serial visual presentation (RSVP) with German role-reversed and plausible sentences such as a) Der Polizist hat den Dieb festgenommen. b) Der Dieb hat den Polizisten festgenommen. Here, we expect an overall pattern of small N400 amplitudes (despite the anomaly) and large P600 amplitudes in the role-reversed sentences as observed previously for English stimuli (e.g., Kuperberg et al. 2003).

### **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
- Data Management in Psychological Science

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## **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

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## 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)**

01.07.2022

**When does data collection end? (approximately / tentatively)**

31.05.2023

### Data Handling

**Where is the dataset stored during the project?**

- CRC file server
- Box.UP university cloud
- researcher's computer
- computer in the laboratory

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**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?**

\*.vhdr (BrainVison file).

**Which measures of quality assurance are taken for this dataset?**

common file formats, good documentation.

## **Data Analysis**

**When does data analysis start? (approximately / tentatively)**

01.12.2022

**When does data analysis end? (approximately / tentatively)**

30.06.2023

## **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?**

The anonymized and pre-processed dataset will be available on Open Science Framework (osf.io), and will be made available for use by interested EEG researchers.

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## 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

### **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?**

CC BY (Attribution)

**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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coordinated by:



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<https://www.uni-potsdam.de>

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