



**SFB  
1287**

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

# DATA MANAGEMENT PLAN

**CRC 1287 | 2021 | Phase 1**  
**Project B03**

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## GENERAL INFORMATION

### **Overview**

#### **Project number**

B03

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

"Momo" German, complex (proactive interference design)

#### **Involved persons**

Brian Dillon

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

Shravan Vasishth, Daniela Mertzen

#### **Subject area**

psycholinguistics/reading, research/similarity based, interference in sentence processing

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

Eye-Tracking / Eye-Movement data

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

healthy adults (mostly undergraduate students)

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

- eye-tracking reading study (memorization and recall, sentence reading, comprehension questions)
- 2x2 fully crossed factorial design (F1: load; F2: interference)

### **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/>

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

Collaborative Research Centre 1287 - Project number 317633524

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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)**

Fall 2018

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

Spring 2019

### 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.**

- Data from personal computer is backed up on an external hard drive
- Data is also stored on lab computer + hard drive in lab

**Which file formats are used?**

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

- recording of eye movements and all relevant variables checked during several test runs of the experiment, and after the first few "real participants".
- eye calibration re done when necessary
- experimenter notes down external disturbances during recording or recording issues (such that those trials can be removed)
- Exp. design contains control questions

**Data Analysis**

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

Summer 2019

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

Summer 2019

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## **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?**

- transcribed data are anonymizable and can be released to others

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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?**

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

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