SFB 1287

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

DATA MANAGEMENT PLAN

CRC 1287 | 2021 | Phase 1

Project C03

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GENERAL INFORMATION

Overview

Project number

C03

Name of Experiment / Acronym / Number

Switch Speaker & Visual Variability

Involved persons

Tom Fritzsche, Katharina Meß, Mareike Phillip

PI or responsible person (head of the study)

Barbara Höhle, Adamantios Gafos

Subject area

Language acquisition, psycholinguistics, word learning

Method / Type of data

Looking time data, Habituation Switch paradigm (text files and videos)

Participants (of the study)

children (13-15 months old)

Short description (of the study)

Word learning study (2 word picture pairs) of the two non words "buk" and "puk" under three conditions in the habituation:

- No variability (vari0 = presentation of a single token for each word),

- Acoustic variability (vari1 = presentation of multiple tokens, three different ones from each of the 18 speakers)

- Visual variability (vari2 = presentation of a single acoustic token wi th visually varying objects in the pictures along the dimensions of size, rotation, distortion and background colour).

The test phase consists of 3 items: One in each condition:

- Same: correct word object association (e.g. "buk" object 1)

- Switch: inc orrect word object association (e.g. "buk" object 2)

- Novel: new word object association (e.g. "buk" object 3) Children are monolingual, typically developing children

Comments (optional)

- 3 groups of children (between subjects design), see habituation conditions above

- vari0 (no variability)

- vari1 (acoustic variability)

- vari2 (visual variability)

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 317633551

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)

March 2017

When does data collection end? (approximately / tentatively)

August 2018

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.

Backup on external harddrive

Which file formats are used?

- Raw and aggregated data are text files

- Scripts are in R and/or R markdown (.rmd)

- Video files are mov files

Which measures of quality assurance are taken for this dataset?

-

Data Analysis

When does data analysis start? (approximately / tentatively)

September 2018

When does data analysis end? (approximately / tentatively)

December 2019

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?

-

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

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)