Plan Overview

A Data Management Plan created using DMPTool

Title: Phonological aspects of word learning: Advantages of bilingualism and impacts of developmental language disorder

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Copyright information:

Phonological aspects of word learning: Advantages of bilingualism and impacts of developmental language disorder

Data Sharing Plan

What data will be shared:

We will share fully de-identified participant response data associated with the project at PDX Scholar, a digital open-data repository that meets the open-data requirements of federal research grants and is free for use by members of the Portland State University (PSU) research community. Data will be stored as binary files (eye tracking data), text files (choice response data), and transcriptions (spoken response data). Depending on obtainable permissions, and contingent on PSU IRB approval, we will release recordings of spoken responses (WAV files), demographic data (in Excel spreadsheets), and language and cognitive assessment scores (in Excel spreadsheets). We will include permissions for data sharing (with particular emphasis on WAV files) in IRB-approved consent forms. These file formats are the formats that will be originally used in the study. Some formats are automatically generated by software or hardware (e.g., binary files, text files, WAV files) and others are widely used (e.g., transcriptions, Excel spreadsheets). After study recruitment and data analyses are completed, we will further process some files (e.g., Excel spreadsheets) to make sure their organization is intuitive. We will consult with PSU Library staff who coordinate the PDX Scholar database to develop a metadata scheme, informed by community metadata standards. Data files for each study will be accompanied by text "readme" files describing assignment of participants to conditions. "Readme" files will also include additional documentation to enable secondary use of the data, including information on methods of data collection, definitions of column and variable names, units of measurement, data formats and file types, software programs used for data collection and processing, and instructions for how to cite and refer to the original study.

Who will have access to the data:

I agree that data will be deposited and made available through PDX Scholar, which is an open-data repository for use by PSU-affiliated faculty, and that these data will be shared with investigators working under an institution with a Federal Wide Assurance (FWA) and could be used for secondary study purposes. Access to the data will not be restricted as long as the researcher meets this FWA criterion. A data-sharing agreement will not be required.

Where will the data be available:

We will share participant response data associated with the project at PDX Scholar, an open-data repository. We have consulted with the coordinator of data-management services at PSU Library, Rick Mikulski, for recommendations on using PDX Scholar for data management, and he has encouraged us to continue consulting him on an ongoing basis.

When will the data be available:

I agree to deposit outcome data into the PDX Scholar repository as soon as possible, but no later than within one year of the completion of the funded project period for the parent award, or upon acceptance of the data for publication, whichever is earlier.

How will researchers locate and access the data:

I agree that I will identify where the data will be available and how to access the data in any publications and presentations that I author or co-author about these data, as well as acknowledge the repository and funding source in any publications and presentations. The PDX Scholar repository has policies and procedures in place that will

provide data access to qualified researchers, fully consistent with NIH data sharing policies and applicable laws and regulations. The PSU Library staff who manage PDX Scholar include specialists in open-access resources, who I have already consulted about considerations for open-access publication and for disseminating research as widely as possible. Thus, I will continue to consult PSU librarians to ensure that persistent identifiers will be properly applied so that my data can be easily discovered online, and so that I can track citations and secondary uses of the data.

Question not answered.