Impression Formation and Change via Online Content

Psychology & Educational Sciences DMP +

Admin details

Project Name Impression Formation and Change via Online Content - Psychology & Educational Sciences DMP +

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Institution Ghent University

Administrative Data

Date of first version

19/11/2020

Date of last update

1. Data Collection

1.1 What data will you collect or create?

Primary personal data such as responses to general questionaires and responses in reaction time tasks measured with lab.js.

Content: These data will consist of columns that are denoted by headers and that contain numerical or character values, such as responses to questionnaires, responses to open-ended questions, or reaction times.

Format: These data will be saved in the format generated by the software (e.g., .sqlite in the case of lab.js). These files will be converted to .csv files using an R script so that they can be accessed by others who do not have access to the experimental software.

Volume: These data should take up approximately 100 MB per study.

1.2 How will the data be collected or created?

Data will be collected via web-based testing. At this point, all of our data are collected via lab.js. However, we might use other software for conducting psychological experiments in the future (e.g., Inquisiti Software).

2. Data Documentation and Metadata

2.1 How will you document the data?

Each project study will be saved in a separate folder, with the following name structure: YYYY_project_description. Here, YYYY denotes the year in which the project was initiated.

In this folder, we will provide the following information in four folders:

- 1_plans: documents (i.e., in pdf or Word format) describing the background, design, hypotheses, and data analysis plans
- 2_materials: experimental scripts, stimuli
- 3_data: raw data in .csv format, unedited except for the removal of identifiers (e.g., participant IDs from online recruitment platforms).

Information about data items will be recorded in a codebook that specifies the names of the variables.
- 4_analysis: R project, copy of raw data files, documents describing the data structure, and separate R Markdown files documenting all steps and output of data preparation and statistical analyses

3. Ethical and legal issues

3.1 How will you manage any ethics and confidentiality issues?

This project has been submitted for approval of the ethical committee of the Faculty of Psychology and Educational Sciences.

3.2 How will you manage intellectual property rights issues?

The data will be property of the UGent. Since no other rights relate to these data, both the raw and the clean data will be made publicly accessible on the Open Science Framework website.

4. Data Storage and Backup during Research

4.1 How will you store and backup data during research?

During a project, the data will be stored and backed up in three locations:

- The researcher's private OneDrive for Business 'cloud' storage space: this will function as the primary workspace during data processing, ensuring easy and flexible use of the data even when working offline or in the absence of a VPN-connection.

- The researcher's private folder of the LIPlab share (the UGent share of the research group): daily automatic synchronization of the researcher’s local folder (version control).

- External hard drive: weekly back-ups.

4.2 How will you ensure that stored data are secure?

In order to prevent unauthorised access, files containing personal data (i.e., Prolific IDs) will be stored in password-protected files that only the researcher can access. The version on OneDrive for Business can be accessed only via the researcher's personal computer.

The version on the LIPlab share can only be accessed by Jan De Houwer (head of the research group) and Tal Moran (who is responsible for checking data management procedures in our lab).

The external hard drive will be kept in a locked closet in the office of the researcher.

5. Data Selection and Preservation after Research

5.1 Which data should be retained for preservation and/or sharing?

All of the data will be kept for preservation and sharing. The only exception

to this are files that contain Prolific IDs. These are only necessary for determining whether participants completed the experiment, had multiple or incomplete entries, and should receive payment. Therefore, once a project is finished and everything has been properly documented using an anonymous identifier (subject number), the Prolific IDs will be removed from the data, thereby removing any identifiable link between entries and individual participants.

5.2 What is the long-term preservation plan for the selected datasets?

The data will be preserved on the LIPlab share, in a folder accessible to all researchers within the research group where all data are stored after publication. In addition, the data will be uploaded and made publicly accessible on the OSF website. After finishing a project, a data storage fact sheet will be created using the template provided by the faculty and uploaded to the UGent Biblio archive. All of the archived datasets will be accompanied by elaborate documentation, ensuring that they can be understood and used by others if the researcher leaves the UGent.

6. Data Sharing

6.1 Are any restrictions on data sharing required?

After anonymising the data, there should be no further restrictions on data sharing.

6.2 How will you share data selected for sharing?

The data will be shared with the members of the research group via the lab share. In addition, the data will be made publicly available via the OSF website.

7. Responsibilities and Resources

7.1 Who will be responsible for data management?

The data management plan will be periodically revised by the researcher, Sean Hughes, who will also be responsible for its implementation. When the researcher leaves the UGent, the head of the lab (Jan De Houwer) will take over these responsibilities.

7.2 Will you need additional resources to implement your DMP?

No additional resources are necessary.