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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** Perceptual Evaluation of Simulated Room Impulse Responses

**Creator:** Bendik Christensen

**Principal Investigator:** Bendik Christensen

**Data Manager:** Bendik Christensen

**Project Administrator:** Jorge Martinez Castaneda

**Affiliation:** Delft University of Technology

**Template:** TU Delft Data Management Plan template (2021)

**ID:** 151153

**Start date:** 01-05-2024

**End date:** 30-06-2024

**Last modified:** 28-05-2024

# Perceptual Evaluation of Simulated Room Impulse Responses

## 0. Administrative questions

**1. Name of data management support staff consulted during the preparation of this plan.**

My faculty data steward, Richard Grimes has reviewed this DMP on 28.05.2024.

**2. Date of consultation with support staff.**

2024-05-28

## I. Data description and collection or re-use of existing data

**3. Provide a general description of the type of data you will be working with, including any re-used data:**

Type of data	File format(s)	How will data be collected (for re-used data: source and terms of use)?	Purpose of processing	Storage location	Who will have access to the data
Age and gender of participants	.csv	Online survey	To verify that the sample is diverse enough	SurfDrive	The researcher (myself), and the responsible professor and supervisor. When publishing the results, the values will be aggregated into mean and standard deviation (for age) and enumeration (for gender) such that re-identification is not possible.
Anonymised numerical data on audio listening test scores	.csv	Online survey	To test the perceptual accuracy of simulated room impulse responses	SurfDrive	The researcher (myself), and the responsible professor and supervisor.
Informed Consent Forms	.pdf	Will be sent out via email (with the option of sending back the form via a more secure channel)	To obtain informed consent	SurfDrive	The researcher (myself), and the responsible professor and supervisor.
Software for data collection (WebMUSHRA)	Repository with .js and .php files	Code is cloned from the original repo and modified	To collect the data	Gitlab	The researcher (myself), and the responsible professor and supervisor.
Audio samples	.wav	Will be found online and ensured that there is no copyright on it	To have the participants listen to the audio	Gitlab (in the same repo as data collection)	The researcher (myself), and the responsible professor and supervisor.

**4. How much data storage will you require during the project lifetime?**

- < 250 GB

## II. Documentation and data quality

**5. What documentation will accompany data?**

- Methodology of data collection

### **III. Storage and backup during research process**

**6. Where will the data (and code, if applicable) be stored and backed-up during the project lifetime?**

- Project Storage at TU Delft
- Git(lab)/subversion repository at TU Delft
- SURFdrive

### **IV. Legal and ethical requirements, codes of conduct**

**7. Does your research involve human subjects or 3rd party datasets collected from human participants?**

- Yes

**8A. Will you work with personal data? (information about an identified or identifiable natural person)**

*If you are not sure which option to select, first ask your [Faculty Data Steward](#) for advice. You can also check with the [privacy website](#) . If you would like to contact the privacy team: [privacy-tud@tudelft.nl](mailto:privacy-tud@tudelft.nl), please bring your DMP.*

- Yes

**8B. Will you work with any other types of confidential or classified data or code as listed below? (tick all that apply)**

*If you are not sure which option to select, ask your [Faculty Data Steward](#) for advice.*

- No, I will not work with any confidential or classified data/code

**9. How will ownership of the data and intellectual property rights to the data be managed?**

*For projects involving commercially-sensitive research or research involving third parties, seek advice of your [Faculty Contract Manager](#) when answering this question. If this is not the case, you can use the example below.*

The datasets underlying the published papers will be publicly released following the TU Delft Research Data Framework Policy. During the active phase of research, the project leader from TU Delft will oversee the access rights to data (and other outputs), as well as any requests for access from external parties. They will be released publicly no later than at the time of publication of corresponding research papers.

## V. Data sharing and long-term preservation

### 30. How much of your data will be shared in a research data repository?

- < 100 GB

### 31. When will the data (or code) be shared?

- At the end of the research project

### 32. Under what licence will be the data/code released?

- Other - Please explain

I will be using and modifying a tool with an existing software license, so I must adhere to that specific license. It will be easily found in the code itself, and the license name is: Software License for the webMUSHRA.js Software.

Its specifications may be found here: <https://github.com/audiolabs/webMUSHRA/blob/master/LICENSE.txt>

Additionally, the code for the tool I will be using also depends on other libraries. The specification of their respective licenses can be found here, and they will all be adhered to in the releasing of the code for this project:

<https://github.com/audiolabs/webMUSHRA/blob/master/THIRD-PARTY-NOTICES.txt>

## VI. Data management responsibilities and resources

### 33. Is TU Delft the lead institution for this project?

- Yes, the only institution involved

### 34. If you leave TU Delft (or are unavailable), who is going to be responsible for the data resulting from this project?

The project administrator: Jorge Martinez Castaneda ([J.A.MartinezCastaneda@tudelft.nl](mailto:J.A.MartinezCastaneda@tudelft.nl))

### 35. What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

4TU.ResearchData is able to archive 1TB of data per researcher per year free of charge for all TU Delft researchers. We do not expect to exceed this and therefore there are no additional costs of long term preservation.