

DMP title

Project Name Sounds in Space

Project Identifier 1

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Description Project to determine correlation between the sounds recorded by the Voyager spacecraft and white noise. Aim is to prove or disprove the randomness of the recorded "noises".

Data Collection

What data will you collect or create?

Collected are **audio files** which are in any case transformed to waveform audio. The output is **textual**.

How will the data be collected or created?

The collection is made by simple **downloading**, the creation is automated.

Documentation and Metadata

What documentation and metadata will accompany the data?

Documentation of the experiment and the tools which can do the conversions

Ethics and Legal Compliance

How will you manage any ethical issues?

I only use free available materials (via NASA API or the NASA Soundcloud account), and software - without altering its source code.

How will you manage copyright and Intellectual Property Rights (IPR) issues?

I will always display the owners and licenses

Storage and Backup

How will the data be stored and backed up during the research?

Stored on own local HDD, backup (for the files not downloadable and/or recreateable) in cloud - GoogleDrive

How will you manage access and security?

The project's data is open, so are the sources, including my scripts. Since it is about sounds, the misuse can't be harmful - so security is not concerned

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

Since the inputs are mostly public and reachable, the most valuable are the results, and the process to produce them

What is the long-term preservation plan for the dataset?

The experiment must be reproducible on each occasion when new spacecrafts similar signals detect. It means in 20-30 years the same textual results must be reproducible.

Data Sharing**How will you share the data?**

On github

Are any restrictions on data sharing required?

As stated before, the data is free and harmful - no restrictions are planned

Responsibilities and Resources**Who will be responsible for data management?**

The author

What resources will you require to deliver your plan?

A 32/64bit PC with audio devices capable running ffmpeg, sox and a spreadsheet application