

Speaker version

Exercise 1

Title of study

Predictors of cursing, depression, anxiety, anger and stress indicators in a cohort of women in college students

Authors

Tiffany Samantha Brooks, Kennison Shelia, Messer Rachel, Brokovich Erin, Thomas Connelly

Description from the project

The file contains different data collected in 2017 and 2019 to investigate the relationships among the use of curse words, depression symptoms, and expressive anger in female college students. Data set for PPSA study. A second data set was created for the PPSA study publication to isolate variables of interest to make the statistics manageable, due to the sheer number of variables in the initial data set.

The dataset itself (name and structure)

new_file_spss.sav

CursingDepressionAnger.docx

AnxietyStress.xlsx

Script1.py

Script2.mat

Videos.mov

Extract from DMP of this research project

This data will be openly published under a CC0 licence. The data will be published in Infoscience.

Your task

Take the role of the data steward. You have to prepare the dataset above for publication in a disciplinary repository. How do you proceed?

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Some solutions for Exercise 1

- **DOI for the dataset**
- **ORCID of authors**
- **Right naming of files to be reviewed**
- **File organization to be reviewed**
- **Readme.txt is missing**
- **Description unclear and missing parts**
- **DMP to be adapted with new license – sensitive data and disciplinary repository (look in re3data.org), probably not shareable with so open license**
- **.mov/.xlsx/.docx/.mat to be transformed to open data formats**
- **If shared, anonymization procedure to be defined**

Key Message

- Make sure that you, as a researcher (ORCID) and your data (DOI, naming, description, profiling, etc.) respectively are recognizable and detectable.**
- Data Openness must be prepared properly**

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Exercise 2

Take a look at these two links:

- [github example](#)
- <https://github.com/gcube-team/gcube-releases/tree/master/portlets-user/gcube-ckan-data-catalogue/1.5.0-4.6.1-148944>

Your journal ask you to publish the same dataset in a disciplinary repository. How do you proceed?

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Some solutions for Exercise 2

- **Check what disciplinary repositories exist (re3data.org)**
- **Probably github or c4science remains the best solution for code**
- **Link to Zenodo is also quite important, maybe leave it there**
- **Readme is quite elaborated, but installation is missing**
- **License is not open, but personally developed**

Key Message

Take your time to ...

- Invest in the documentation of your scientific work and mainly your datasets : the discoverability of your scientific contribution will depend on it**
- choose adequately the suitable repository that fits with your needs and research field and data characteristics and quantity**
- understand the implication of the applicable licence you want to choose**

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Exercise 3

Title of study

RFID Location dataset

Authors

Marc Morenza-Cinos, Victor Casamayor-Pujol

Description

The dataset includes measurements with a robot equipped with RFID antennas in a library enclosing 7000 tagged books with known locations.

Supplementary Material

none

The dataset itself (name and structure)

1.observations.csv

1.tf.robot-location.csv

2.observations.csv

2.tf.robot-location.csv

3.observations.csv

3.tf.robot-location.csv

4.observations.csv

4.tf.robot-location.csv

5.observations.csv

5.tf.robot-location.csv

info.csv

location_baseline.csv

map.2-d.pgm

map.2-d.yaml

map.3-d.bt

reader_ports_antennas_mapping.csv

tf-static.antennas.csv

Your task: Check for reusability of this [dataset](#) and give a percentage of possibility.
What is missing?

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Some solutions for Exercise 3

- **Too less description, what is the context of the project**
- **What are the software and their version used?**
- **Check all the formats: they all seem to be open**
- **Naming is quite understandable**
- **Is there any supplementary material that you could get? An article?**
- **Reusability from an findability/accessibility/interoperability-point of view: 80%**

Key Message

To enable the appropriate re-use of your data/datasets you need to ensure the access and the accessibility to

- Exhaustive and complete data and related metadata**
- The information on technical and technological environment where you processed your data**
- Detailed documentation on dataset collection and related possible restrictions and specificities**
- Clear and explicit information on conditions and framework for reuse**

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Exercise 4

Extract from DMP of this research project:

I am working with 125 Tb of data. They are all important for reuse and need to be kept on the long run. They have to be preserved during minimum 10 years. I am currently using institutional infrastructure for storage and back-up. I will publish on a disciplinary repository under CC-licence.

Your task

Take the role of the data steward. You have to prepare the above described dataset for publication in Zenodo. How do you proceed?

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Some solutions for Exercise 4

- **Contact the researcher to get more information**
- **Check re3data.org for disciplinary repositories**
- **What about the volume? Too big for many repositories probably**
- **How long will it take to upload/download it? Days!**
- **Maybe other solution? Website with local access?**
- **OLOS instead of Zenodo**

Key Message

Do not underestimate the capture of huge volume of data

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Exercise 5

Your task

You have finished your [article](#) and have to prepare the dataset for publication in an institutional data repository. How do you proceed?

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Some solutions for Exercise 5

- Take a look at: <https://zenodo.org/record/2639612>
- 7z format is open, but doesn't work on all PCs
- Description still remains very complicated for someone outside of the field, probably, this is thought only for people from the field
- Maybe another repository from the discipline would make sense here as well, rather than Zenodo (check re3data.org)
- Maybe contact the authors for access to the dataset and contextual information
- Good practice to link the article to the dataset on Zenodo

Key Message

Describe properly your publication and transfer all useful information to your institutional repository

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November 6, 2018

Dataset Open Access

Angle-dependent magnetization dynamics with mirror-symmetric excitations in artificial quasicrystalline nanomagnet lattices

Vinayak Shantaram Bhat; Dirk Grundler

The file ManuscriptDataFiles.7z contains RAW spectroscopy data, origin plot file, micromagnetic simulation MIF files at 100 mT used in the manuscript entitled "Angle-dependent magnetization dynamics with mirror-symmetric excitations in artificial quasicrystalline nanomagnet lattices" that appeared in Physical Review B, **98**, 174408 (2018).

Manuscript Abstract: We report angle-dependent spin-wave spectroscopy on aperiodic quasicrystalline magnetic lattices, i.e., Ammann, Penrose P2 and P3 lattices made of large arrays of interconnected Ni₈₀Fe₂₀ nanobars. Spin-wave spectra obtained in the nearly saturated state contain distinct sets of resonances with characteristic angular dependencies for applied in-plane magnetic fields. Micromagnetic simulations allow us to attribute detected resonances to mode profiles with specific mirror symmetries. Spectra in the reversal regime show systematic emergence and disappearance of spin-wave modes indicating reprogrammable magnonic characteristics.

The research was supported by the Swiss National Science Foundation via Grant No. 163016 and Nanosystems Initiative Munich II funded by the Deutsche Forschungsgemeinschaft.

Files (1.1 GB)

Name	Size	
ManuscriptDataFiles.7z	1.1 GB	Download

md5: fcd2df985b0e2cd85e69d311bdfcc981

Beta Citations 0

Show only: Literature (0) Dataset (0) Software (0) Unknown (0)

Citations to this version

No citations.

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Indexed in

Publication date:
November 6, 2018

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Versions

Version 1	Nov 6, 2018
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