
Plan Overview

A Data Management Plan created using DMPonline

Title: Coding in public: recognising vulnerability as a barrier to reproducibility

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Coding in public: recognising vulnerability as a barrier to reproducibility

Assessment of existing data

Provide an explanation of the existing data sources that will be used by the research project, with references

Not applicable. No existing sources.

Provide an analysis of the gaps identified between the currently available and required data for the research

Not sure how to answer. This is a first move into this space so there is no data currently available.

Information on new data

Provide information on the data that will be produced or accessed by the research project

Anonymous data will be collected on workshop participants experiences with reproducibility, any barriers they are aware of that make reproducibility more difficult for some researchers, and any possible solutions to those barriers. The data will be collected through mentimeter polls/short answers/Q&A/etc. and through notes taken by the workshop leaders during the workshop.

Quality assurance of data

Describe the procedures for quality assurance that will be carried out on the data collected at the time of data collection, data entry, digitisation and data checking.

The workshop leaders will each take notes during the workshop and we will work together to consolidate and cross-check the notes after the event.

Backup and security of data

Describe the data security and backup procedures you will adopt to ensure the data and metadata are securely stored during the lifetime of the project.

The registration data will be stored securely in UoM restricted sharepoint sites until after the event. The hard copy of registration/consent forms will be kept on campus in a secure location for approximately a year for auditing purposes. The anonymous data collected during the event will be stored on UoM Sharepoint sites and in the UKDS GitHub repository to allow appropriate data sharing.

Management and curation of data

Outline your plans for preparing, organising and documenting data.

This is not really applicable to this data collection process. We are merely exploring ideas that those who are interested in reproducibility might have about reproducibility, barrier to reproducibility and potential solutions to those barriers.

We will share the anonymous mentimeter reactions and any notes taken during the workshop on our GitHub repository, but the real value will be through published research (also shared through the GitHub repo).

Difficulties in data sharing and measures to overcome these

Identify any potential obstacles to sharing your data, explain which and the possible measures you can apply to overcome these.

No anticipated difficulties.

Consent, anonymisation and strategies to enable further re-use of data

Make explicit mention of the planned procedures to handle consent for data sharing for data obtained from human participants, and/or how to anonymise data, to make sure that data can be made available and accessible for future scientific research.

The data collection purpose of the event is clearly spelled out in advertising. Attendees will be asked to confirm their consent that when they check in at registration. All data to be shared will be totally anonymous and non-personal.

Copyright and intellectual property ownership

State who will own the copyright and IPR of any new data that you will generate.

I guess the UoM and UKDS will own the copyright.

Responsibilities

Outline responsibilities for data management within research teams at all partner institutions

The lead investigator (J. Kasmire) will be responsible for ensuring that all anonymous data collected through the event is loaded to the appropriate GitHub repository. Gillian Meadows (UKDS PS admin) will ensure that personal registration data is stored securely on UoM sharepoint sites until it is no longer needed and then destroyed.

Preparation of data for sharing and archiving

Are the plans for preparing and documenting data for sharing and archiving with the UK Data Service appropriate?

No. Not applicable.

Is there evidence that data will be well documented during research to provide highquality contextual information and/or structured metadata for secondary users?

Yes. This is the whole point of the event (reproducibility) so detailed descriptions will be provided on the GitHub site and in any published articles.

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