

# Review of: "DataManagementPlan\_OpenScienceResearch"

Sara Vellone<sup>1</sup>

<sup>1</sup> University of Bologna

**Potential competing interests:** No potential competing interests to declare.

This review has been conducted following the guidelines proposed in *Data management plan: guidance for peer reviewers* [Economic and Social Research Council, UKRI, 2019].

- **Assessment of existing data**

It has been made clear that the authors have considered and evaluated secondary sources of data, but there is no mention about any necessary authorisations to obtain them. There is also no evidence about existing resources that could be re-used for the proposed project.

- **Information on new data**

The information on data to be produced seems to be adequate and realistic according to the research and methodology proposed in the application. The DMP provides all the necessary information about the formats and how they will be documented, but it is not so clear for what concern the vocabularies for metadata description. I think that the use of at least one standard vocabulary could be useful for further researches.

- **Quality assurance of data**

The DMP specifies the intention to use data validation, data version control and data standardization and provides links to documentation of these procedure. It is not described which type of version control will be used and it seems that it will be applied only if there will be more than one version. I think that the version system is useful independently from the number of versions.

- **Backup and security of data**

The back-up procedure described fit for purpose and multiple media are considered for it, but there is no considered measures to check the usability of the back-up copies.

- **Expected difficulties in data sharing**

The authors don't expect particular difficulties in data sharing, due to the fact that the data are neither personal nor sensitive. Nonetheless, they expect the possibility of issues regarding data protection and intellectual property, but they highlight that this kind of risk is low for the type of study they want to conduct.

- **Copyright/intellectual property right**

There is nothing to point out about these subjects. All seems to be well thought.

- **Responsibilities**

The responsibilities have been assigned to the members of the group that published the DMP. For the software, just one of them has been indicated as manager for the described data.

- **Preparation of data for sharing and archiving**

In the DMP there is the explicit idea to well document all the research process, using metadata and notebooks for explaining all the steps followed by the research group.

Overall, I can state that the DMP is well thought, with a quite good description of all the points here analysed. Surely, the imprecision can be easily resolved and corrected without problems.