DMP Project 1204925N – Mattia Mantovani (KU Leuven)

1. General Information

Researcher	Dr. Mattia Mantovani
Project Title	Animal Minds and the Puzzle of Perception. A 17th-Century Debate
Grant Number	1204925N
Hosting Institution	KU Leuven
Project Data Contact	Dr. Mattia Mantovani
Supervisor	Prof. Russ Friedman
Project Description	'Animal Minds and the Puzzle of Perception' (AniMinds) aims to provide the first systematic study of the 17th-century debate about whether non-human animals perceive, and to investigate its broader historical significance and conceptual implications. In the course of 17th century, more and more thinkers came to claim that non-human animals are clockwork devices bereft of sentience and, indeed, all of the mental states characterizing humans' self-conscious 'minds'. The 'animal machine' doctrine has been a polemical target ever since. So far, however, there has been no adequate recognition that this debate made a key positive contribution to the field, by urging participants from both sides to reconsider their understanding of both humans and animals, and prompting a thorough reconsideration of fundamental issues in the philosophy of mind, especially the interplay between perception and consciousness. Contrary to the intentions of its promoters, it was this debate that ended up providing non-human animals with a 'mind' of their own. AniMinds will show that the very notion of an 'animal mind' is indeed a historical and conceptual construct, that still bears the mark of its 17th-century origins. AniMinds is thereby intended to finally do justice to the conceptual complexity of the 17th-century debate about animal perception and to the diversity of the historical actors that took part in it, by promoting diversity-sensitivity as regards gender, religion, and societal setting.

2. Data Description

The project deals with historical texts and images, in manuscript or printed form, by consulting versions on paper, or accessible online via libraries websites and databases, and will result in the producing of journal articles (some of which with images reproductions), and of a final monograph.
The project is not aimed at the production of new database(s).
The project does not involve living beings, but only text and image material.

Will you generate/collect new data and/or make use of existing data?

- Generate new data;
- Reuse existing data.

Describe the data types the research will collect, generate and/or (re)use.

- **Content**: textual, visual (images, mostly etchings; no videos);
- **Format**: printed material, manuscripts, images, libraries catalogues;
- **Mode of data collection**: no experiment, no observation, no simulation required;
- **Digital** or **non-digital**: printed material, manuscripts, images, libraries catalogues;
- **Raw** or **processed**: already-existing, processed catalogues.

Describe in detail the origin, type and format of the data (per dataset) and its (estimated) volume.

Type of data	Format	Volume	How created
Images and scans of prints and manuscripts	pdf.	max. 10GB	Scanning from paper-based documents, retrieved through Google Books or other publicly-accessible online libraries and archives, or own reproductions of the material.
Transcriptions and translations from the above-mentioned data	docx.	max 1GB	Manually

3. Legal and Ethical Issues

Will you use personal data? If so, shortly describe the kind of personal data you will use. Add the reference to your file in KU Leuven's Register of Data Processing for Research and Public Service Purposes (PRET application). Be aware that registering the fact that you process personal data is a legal obligation.
No.

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, add the reference to the formal approval by the relevant ethical review committee(s)
No.

Does your work possibly result in research data with potential for tech transfer and valorisation? Will IP restrictions be claimed for the data you created? If so, for what data and which restrictions will be asserted?
No.

Do existing 3rd party agreements restrict dissemination or exploitation of the data you (re)use? If so, to what data do they relate and what restrictions are in place?
Such restrictions relate to images, which I might – but not necessarily will – want to reproduce in my article. These images are normally subject to copyright.

4. Documentation and Metadata

What documentation will be provided to enable reuse of the data collected/generated in this project?
All relevant transcriptions and translations will be clearly labelled and organized, by means of Zotero. Potential use of images will be carried out only upon authorisation on the part of parties (libraries, archives, museums) that own the relevant copyrights.

Will a metadata standard be used? If so, describe in detail which standard will be used. If no, state in detail which metadata will be created to make the data easy/easier to find and reuse.
Yes. The Dublin Core standard is used to process and structure the acquired data (especially those that will not make it into publications), organising them in an ordered fashion enabling their reuse by myself and other researchers in the future. Specific items such as digital images of manuscripts have their own metadata which can and will be used to further describe the collected data.

5. Data Storage and Backup during the FWO Project

Where will the data be stored?
All data and documents will be stored in copy on personal computer and on the personal cloud space, on the university's OneDrive.

How is backup of the data provided?
The data is stored on the used services' servers with automatic daily back-up procedures.

Is there currently sufficient storage & backup capacity during the project? If yes, specify concisely. If no or insufficient storage or backup capacities are available then explain how this will be taken care of.
Yes. The storage and backup capacity offered by the used services is more than sufficient.

What are the expected costs for data storage and back up during the project?
How will these costs be covered?
The used services are offered for free by KU Leuven.

Data security: how will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?
Since my research do not include any sensitive personal data, I intend to follow a standard approach to data security, updating my access password regularly and constantly checking the security of my laptop. Access is only possible respectively through password and university ICT-services.

6. Data Preservation after the FWO Project

Which data will be retained for the expected 5 year period after the end of the project? In case only a selection of the data can/will be preserved, clearly state the reasons for this (legal or contractual restrictions, physical preservation issues, ...).
All produced and collected data will be retained for the expected 10 year period after the end of the project in a safe, secure, and sustainable way. The data will be stored on the university's central servers (with automatic back-up procedures) for at least 10 years, conform the KU Leuven RDM policy.

Where will the data be archived (= stored for the longer term)?
The produced documents that contain transcriptions or translations of the source material will be made available, and stored by means of KU Leuven's Research Data Repository (RDR).
All data will be stored in the dedicated servers used for storage and backup for the 10 years following the completion of the project.

What are the expected costs for data preservation during the retention period of 5 years? How will the costs be covered?
The selected online repository is free of charge. Hence, no costs are involved by the process of data reservation.

7. Data sharing and reuse

Are there any factors restricting or preventing the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?
Yes. Specify: Copyright limitations with some libraries precludes the sharing of photos and scanned images of manuscripts.

Which data will be made available after the end of the project?
The produced documents that contain transcriptions or translations of the source material will be made available.

Where/how will the data be made available for reuse?
In an Open Access repository, through published open-access publications and upon request via e-mail.

When will the data be made available?
Upon publication of relevant research result.

Who will be able to access the data and under what conditions?
Anyone, upon request.

What are the expected costs for data sharing? How will the costs be covered?
None.

8. Responsibilities

Who will be responsible for data documentation & metadata?
The researcher: Dr. Mattia Mantovani.

Who will be responsible for data storage & back up during the project?
The researcher: Dr. Mattia Mantovani.

Who will be responsible for ensuring data preservation and reuse ?
KU Leuven.

Who bears the end responsibility for updating & implementing this DMP?
The researcher: Dr. Mattia Mantovani.