DMP title

Project Name FWO Masculinity&Wellbeing DMP - DMP title
Project Identifier u0139132
Grant Title 1114222N
Principal Investigator / Researcher Aster Van Rossum, Colette Van Laar, Daan Scheepers
Project Data Contact Aster Van Rossum
Description It has been well documented that men have a shorter life expectancy and a higher suicide rate than women, and there is preliminary evidence that traditional masculinity norms may be linked to such health and wellbeing risks. However, most health researchers have examined these issues from a clinical perspective and not much is known about the underlying social psychological mechanisms that may account for such outcomes. This project aims to build a bridge between social psychology and health research by examining social identity processes leading to lower health and wellbeing outcomes for men. With both correlational and experimental studies, we look at the strength of men's gender identification and of the belief that their masculinity is easily lost and needs repeated social proof. We propose that a strong identification as a man and such beliefs interact, leading to unfavorable outcomes in 3 domains: a) more unhealthy behavior, b) generally lower health benefits of friendships, and c) generally less communal self-views compared to women. We investigate the role of masculinity threat in this process and use cardiovascular measures of challenge and threat to assess the underlying role of threat more directly and continuously. The project will contribute by increasing our understanding of why men's wellbeing and health may be impeded in these domains and provide leverage for interventions to reverse such effects.
Institution KU Leuven

1. General Information
Name applicant
Aster Van Rossum

FWO Project Number & Title
1114222N Men's health behavior and wellbeing obstructed: The role of gender identification and precarious manhood in three domains.

Affiliation

- KU Leuven

2. Data description
Will you generate/collect new data and/or make use of existing data?

- Generate new data

Describe in detail the origin, type and format of the data (per dataset) and its (estimated) volume. This may be easiest in a table (see example) or as a data flow and per WP or objective of the project. If you reuse existing data, specify the source of these data. Distinguish data types (the kind of content) from data formats (the technical format).

Work package 1: Health behavior

	Type of data	Format	Volume	How created
1a: Vignette study	Survey research data: numerical and textual	SPSS data file (.sav)	100 MB	Existing data (collected by applicant before start fellowship): Participants have taken part in an online vignette study in Qualtrics, for which the data is downloaded to an SPSS data file.

Work package 2: Social relationships

	Type of data	Format	Volume	How created
2a: Prolific survey study	Survey research data: numerical and textual	SPSS data file (.sav)	100 MB	Participants will take part in an online survey in Qualtrics, for which the data is downloaded to an SPSS data file.
2b: for physio-experiment	Survey research data: numerical and textual	SPSS data file (.sav)	100 MB	Participants will take part in an online survey in Qualtrics, for which the data is downloaded to an SPSS data file.
2c: for physio-experiment	Qualitative data: 204 webcam speeches	Recordings of audio and video stored in uncompressed WAV format; transcribed into MS Word format	10 GB	Webcam recordings of three-minute self-disclosure tasks and transcriptions (two recordings per participant).
2d: for physio-experiment	Physiological data: 204 recordings	Raw recordings: Acknowlegde files (.acq), scored data: physiodata files (.Psysiodata), final output: Excel files (.xlsx)	6GB	One-minute recordings of cardiac output, ventricular contractility and total peripheral resistance of the vascular system (two recordings per participant).
2e: for pilot experiment	Survey research data: numerical and textual	SPSS data file (.sav)	100 MB	Participants will take part in an online survey in Qualtrics, for which the data is downloaded to an SPSS data file.
2f: for pilot experiment	Qualitative data: 204 audio recorded speeches	Recordings of audio stored in uncompressed WAV format; transcribed into MS Word format	7 GB	Microphone recordings of three-minute self-disclosure tasks and transcriptions (two recordings per participant).

Work package 3: Communal behavior

	Type of data	Format	Volume	How created
3a: UCOM	Cross-national survey research data: individual responses (numerical and textual)	.csv	70 MB	Existing data (collected previously by the UCOM team, led among others by Colette Van Laar, the supervisor of the applicant, https://ucom2017.wordpress.com/): Participants have taken part in an survey study, for which the data has been stored in a CSV file.
3b: UCOM	Cross-national survey research data: national indicators (numerical and textual)	.csv	176 KB	Existing data (collected previously by the UCOM team, led among others by Colette Van Laar, the supervisor of the applicant, https://ucom2017.wordpress.com/): Participants have taken part in an survey study, for which the data has been stored in a CSV file.

Review paper, across work packages:

	Type of data	Format	Volume	How created
4a	Published research articles (digital)	BibTex	10 MB	PDFs of published research articles, downloaded from publishers' websites and search engines

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.

- Yes

Privacy Registry Reference:

- For dataset 1a: G-2020-2722-R2(AMD)
- For dataset 3a: Approval was obtained by project collaborators at each data collection site, at their respective universities. Reference for data collection/processing in Belgium: G-2017 09 918

We will update the DMP with the references for the other data once obtained.
Short description of the kind of personal data that will be used:

- In all empirical studies (not 4a): ordinary and special category personal data, such as ethnicity/nationality, information about education and training, socio-demographic status, age, sexual orientation, gender identity, and email addresses (for sending results/invitations to follow-up study/lottery of coupons, will be kept separately from survey responses and experimental data)
- In studies that require participant payment through the KU Leuven: name, home address, and bank account (will be kept separately from survey responses and experimental data).
- In dataset 2c: videorecordings of self-disclosure tasks and pseudonymized transcripts
- In dataset 2f: audiorecordings of self-disclosure tasks and pseudonymized transcripts

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)

- Yes

- For dataset 1a: G-2020-2722-R2(AMD)
- For dataset 3a: Approval was obtained by project collaborators at each data collection site, at their respective universities. Reference for data collection/processing in Belgium: G-2017 09 918

We will update the DMP with the references for the other data once obtained.

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?

- Yes

 For dataset 3a and 3b, there is a data use agreement set up by the UCOM core team (https://ucom2017.wordpress.com/). Restrictions: 1) The applicant cannot publish from these data on their own and may only pursue a specific project idea in collaboration (co-authorship) with at least one core team supervisor, 2) the applicant cannot share the data with other researchers.

For all empirical datasets, students (thesis students/research interns/job students) will sign a confidentiality agreement to not distribute this information, to delete this data once they stop working on the data, and to treat this information with respect and in a confidential way.

4. Documentation and metadata
What documentation will be provided to enable reuse of the data collected/generated in this project?

For each dataset generated by the applicant, a data sheet will be made, according to the data management protocol of the research unit of CSCP of the faculty of Psychology and Educational Sciences, which deals with (1) the essential project information and (2) the study content information. In (1) the project title will be added, as well as the main contributors, the start and end date of the project, the funding for the project, the start and end date of the data collection, the reference to the approval of the ethical commission and the location of all the information about the project that is stored on personal computers. In (2) the aims and research questions are discussed, as well as the design, the final sample and sampling procedure, the data collection equipment, the software used for data collection and data analyses (including SPSS syntax and R code files), the materials that are used, variable-level information (label, question text, codes, frequencies), a summary of the analyses and results, references to publications or other official output, and certain problems during data collection or analyses or if certain participants were removed and why. For the speech tasks of 2c and 2f, details on the setting, the subjects and the instructions given to participants will also be documented in a Word document, as well as steps taken to remove direct identifiers (pseudonymisation) in the data will be described. For 4a, articles will be stored in subfolders according to topic in Mendeley and Mendeley tags will be added for further categorization. A read-me file will also be added in the folder of each dataset, with information about the contents of the subfolders of the studies.

For 3a and b, the necessary documentation for the datasets is already created by the UCOM team (uploaded to OSF and Dropbox) and directly accessible to both the applicant and the main supervisor (Colette Van Laar). After the analyses are complete, the applicant will upload all annotated R code files, possible subdatasets, a summary of the analyses and results, and references to publications or other official output to Dropbox. The UCOM team also uses Google spreadsheet to document subproject information, variable information, and data/analyses issues.

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.

- No

Descriptive metadata will be created as part of the documentation on study content information, cf. answer above. In addition, the SPSS datafiles automatically capture various metadata: e.g., creator of data, date that the data was created, data size, location, language, descriptive variable and value labels, missing values and measurement levels.

5. Data storage and backup during the FWO project
Where will the data be stored?

1, 2, 4: During the process of conducting the study, the applicant will store all the data on Bitlocker encrypted computers on OneDrive operated by KU Leuven. Email addresses and personal data needed for paying participants will be kept separately from survey responses and experimental data. Only the applicant, main supervisor, co-supervisor, and possibly students working on the project will have access to the raw data. For 2c and 2f: after the pseudonymized transcripts have been made, the raw voice/webcam recordings will be deleted. After a study is completed, the applicant will also upload the data (except the personally identifying data, but including the transcribed and pseudonymized speech tasks) to a shared network drive of the research unit CSCP at the faculty of Psychology and Educational Sciences. The applicant will follow the data management protocol of this research unit. For each of the four studies a folder is made with the same subfolders: (1) a read-me file; (2) a data sheet; (3) the conceptualization of the study: literature review, meetings, preparatory studies; (4) the organisation of the study: ethical approval, participant recruitment; (5) the material of the study: e.g. used questionnaire, interview, scales, including a subfolder with the development of the material (different steps, feedback, pilot study, ...); (6) the data and analysis of the study: raw data (see below), anonymised data, data cleaning (with amongst others the syntax and cleaned dataset) and the results; (7) output: manuscripts, presentations.

3: Since we collaborate with researchers from other universities (UCOM), we use Dropbox for active use of the data during the project. Additional documentation is stored in Google spreadsheets (cf. section 4).

How is backup of the data provided?

For 1, 2, and 4: All data is stored on OneDrive operated by KU Leuven, and after a study is completed also on a shared network drive of the research unit CSCP at the faculty of Psychology and Educational Sciences (except the personally identifying data, but including the transcribed and pseudonymized speech tasks)

For 3, the UCOM team uses Dropbox for making backups.

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

Each KU Leuven OneDrive account has 2TB storage. The applicant's Dropbox account has 2TB storage.

What are the expected costs for data storage and back up during the project? How will these costs be covered?

For the applicant's Dropbox subscription, € 119,88/year is paid from their FWO bench fee.

Data security: how will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

For all datasets containing personal data (e.g., gender, ethnicity, sexual orientation etc.) and the transcribed and pseudonymised speech tasks of 2c and 2f, data will be stored on Bitlocker encrypted computers on OneDrive operated by KU Leuven. When a study has been completed, the applicant will also upload all the data (expect the personally identifying data) to a network drive of the research unit CSCP at the faculty of Psychology and Educational Sciences. The data can also be made available to students for certain purposes, such as a student job, a bachelor's thesis or master's thesis.

For 2c and 2f, the raw recordings will only be stored on Bitlocker encrypted computers on OneDrive linked to a KU Leuven account for the duration of the transcribing and pseudonymization (after which they will be deleted). Only the applicant, main supervisor, co-supervisor, and possibly students working on the project will have access to the raw data.

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 data will be retained at least for the expected 5 years period after the end of the project, except the raw voice/webcam recordings of 2c and 2f, which will be deleted after the pseudonymized transcripts have been made, and the personal information needed for payment/sending results/sending invitations for follow-up studies/coupon lottery, which will be deleted after they are used for their purpose.

Where will the data be archived (= stored for the longer term)?

The data will be stored on the university's central servers (i.e., the J-drive of CSCP, with automatic back-up procedures) for at least 10 years, conform the KU Leuven RDM policy.

What are the expected costs for data preservation during the retention period of 5 years? How will the costs be covered?

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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:

For 3a and 3b, a data use agreement has been set up by the core members of the UCOM team for all people accessing the data. This document states that the data collected for the UCOM project will become unrestrictedly available from November 1 2027. Before that date, the applicant must act in line with the Belgian data protection law to restrict data access.

Which data will be made available after the end of the project?

All data except the raw and pseudonymised transcripts of 2c, 2f, and datasets 3a and b will be available for researchers outside of the research unit upon request to the main supervisor, for research purposes, meta-analytical reviews, ethical questions or journals' publishing requirements.

To protect the identity of the participants, the pseudonymised transcripts of 2c and 2f will only be available upon request to the main supervisor within the research unit. The raw webcam/microphone speeches will not be made available.

The data collected for the UCOM project (3a,b) will become unrestrictedly available from November 1 2027, as determined by the UCOM data use agreement.

The research articles for 4a are already publicly available and will be easy to find in the reference list of the review article.

Where/how will the data be made available for reuse?

- In a restricted access repository

KU Leuven Research Data Repository (RDR), https://www.kuleuven.be/rdm/en/rdr

When will the data be made available?

- Upon publication of the research results

Who will be able to access the data and under what conditions?

All data except the raw and pseudonymised transcripts of 2c,2f and 3a,3b will be available outside of the research unit upon request to the main supervisor, for research purposes, meta-analytical reviews, ethical questions or journals' publishing requirements.

To protect the identity of the participants, the pseudonymised transcripts of 2c,2f will only be available upon request to the main supervisor within the research unit. The raw webcam/microphone speeches will not be made available.

The data collected for the UCOM project (3a,b) will become unrestrictedly available from November 1 2027, as determined by the UCOM data use agreement.

What are the expected costs for data sharing? How will the costs be covered?

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8. Responsibilities
Who will be responsible for data documentation & metadata?

The responsibility for data management will be the task of the applicant together with the main supervisor and co-supervisor.

Who will be responsible for data storage & back up during the project?

The responsibility for data storage and back-up will be the task of the applicant together with the main supervisor and co-supervisor.

Who will be responsible for ensuring data preservation and reuse ?

The responsibility for ensuring data preservation and reuse will be the task of the main supervisor.

Who bears the end responsibility for updating & implementing this DMP?

The main supervisor bears the end responsibility of updating & implementing this DMP.