
Between performance and performativity: Where does gender lie? An experimental approach to determine the effects of identity content and audiences on gendered attitudes, behaviors, and cognitions.

A Data Management Plan created using DMPonline.be

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Project abstract:

Social psychology has generated substantial knowledge on the relationship between gender identification and domains such as aggression, health behaviors, risk-taking, emotional health and prejudice. Despite an increasing diversification of gender roles, however, there is currently no theoretical model that can accurately explain how the personal content people assign to gender identities interacts with norms associated with them. Moreover, although “the other” is at the heart of social psychology, currently no theory can accurately predict when and how audiences influence social identity-related behaviors.

The current project aims to fill this gap by proposing and testing a theoretical model. Using masculinity as a case, it investigates both the performance (‘playing a role’) and performativity (the way gender is continually made or remade; Judith Butler) of gender. It uses experimental methods to systematically examine the relationship between gender identity content, audiences (in terms of identities and norms), and gender-related behaviors/attitudes across three domains associated with masculinity: risk-taking and aggression, emotionality, and prejudice and intergroup hostility.

Understanding social identity-audience dynamics is not only important for gender psychology, but is crucial for understanding social identities, from political to ethnic, and their impacts on various societal outcomes, also especially in the social media age.

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FWO DMP (Flemish Standard DMP)

1. Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data.

				Only for digital data	Only for digital data	Only for digital data	Only for physical data
Dataset Name	Description	New or reused	Digital or Physical	Digital Data Type	Digital Data format	Digital data volume (MB/GB/TB)	Physical volume
		<i>Please choose from the following options:</i> <ul style="list-style-type: none"> • Generate new data • Reuse existing data 	<i>Please choose from the following options:</i> <ul style="list-style-type: none"> • Digital • Physical 	<i>Please choose from the following options:</i> <ul style="list-style-type: none"> • Observational • Experimental • Compiled/aggregated data • Simulation data • Software • Other • NA 	<i>Please choose from the following options:</i> <ul style="list-style-type: none"> • .por, .xml, .tab, .csv, .pdf, .txt, .rtf, .dwg, .gml, ... • NA 	<i>Please choose from the following options:</i> <ul style="list-style-type: none"> • <100MB • <1GB • <100GB • <1TB • <5TB • <10TB • <50TB • >50TB • NA 	
Study 1a: WP3, S4a: Bosson et al. (2006)	Data collected for a previous study (Bosson et al., 2006) at the University of Oklahoma	Reuse existing data	Digital	Experimental	SPSS data file (.sav)	<100MB	
Study 1b: WP3, S4a: Borinca et al. (2021)	Data collected for a previous study (Borinca et al., 2021) at the University of Geneva	Reuse existing data	Digital	Experimental	SPSS data file (.sav)	<1MB	
Study 1b: WP3, S4b Experiment	Imagination study, manipulating audiences and norms	Generate new data	Digital	Experimental	SPSS data file (.sav), created from Qualtrics downloaded data (.csv or .xlsx)	<100MB	

Study 1c: WP3, S4c semi-experiment	Imagination study, manipulating audiences but inferring norms	Generate new data	Digital	Experimental	SPSS data file (.sav), created from Qualtrics downloaded data (.csv or .xlsx)	<100MB	
Study 2a: WP2, S1	Failure-as-asset effect + measuring risk-taking-as-masculinity	Generate new data	Digital	Experimental	SPSS data file (.sav), created from Qualtrics downloaded data (.csv or .xlsx)	<100MB	
Study 2b: WP2, S2	Failure-as-asset effect + measuring risk-taking-as-masculinity + audience manipulation	Generate new data	Digital	Experimental	SPSS data file (.sav), created from Qualtrics downloaded data (.csv or .xlsx)	<100MB	
Study 3a: WP2, S3	TikTok paradigm: video + aggression-as-identity + comment content (aggression) manip. + commenter gender manip.	Generate new data	Digital	Experimental	Original collection method yet to be determined (likely: .xlsx, .csv, .npz, or .hdf5) Converted to SPSS data file (.sav)	<1GB	
Study 3b: WP4, S1	TikTok paradigm: video + content (homophobia) manip. + commenter gender manip. + APT/ homophobia-as-identity DV	Generate new data	Digital	Experimental	Original collection method yet to be determined (likely: .xlsx, .csv, .npz, or .hdf5) Converted to SPSS data file (.sav)	<1GB	
Study 4: WP2, S4 Initial data	Braiding study + audience manip.	Generate new data	Physical	Experimental			3 boxes
Study 4: WP2, S4 Eventual data	Braiding study, converted	Generate new data	Digital	Experimental	Physical data transcribed to Excel (.xlsx), converted to SPSS data file (.sav)	<100MB	

Study 5: WP4, S2	Hiring paradigm: manipulate committee gender, committee opinion	Generate new data	Digital	Experimental	Original collection method yet to be determined (likely: .xlsx, .csv, .npy, or .hdf5) Converted to SPSS data file (.sav)	<1GB	
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If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type:

Data collected and provided by co-supervisor Professor Jennifer Bosson at the University of Oklahoma, USA in 2004, used for previous publication (DOI: 10.1007/s11199-006-9056-5). The data-set is not public, no DOI, URL, or handle available.

Data collected and provided by Dr Islam Borinca (now: University of Groningen) at the University of Geneva, Switzerland, prior to 2021 (DOI: <https://doi.org/10.1007/s11199-020-01210-5>). The data-set is not public, no DOI, URL, or handle available.

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? Describe these issues in the comment section. Please refer to specific datasets or data types when appropriate.

- Yes, human subject data

For dataset WP3, S4, 1a, ethical clearance was obtained from the Institutional Review Board of the University of Oklahoma on paper under the name "Reactions to Activities VI (Audience Variables)" and from the University of Geneva. In the context of this study, the social and societal ethical commission of KU Leuven (SMEC) will be asked for permission of re-analysis, and these re-analyses will be within the scope of the original ethics clearances at the Universities of Oklahoma and Geneva, respectively.

All other data-sets concern data generated by experiments on humans, for this personal data (described below) as well as informed consent will be required. Additionally, for some studies, moderate levels of deception will be required. We will update the DMP with the references for future data-sets once obtained. All new collections will be cleared by the KU Leuven ethics committee (SMEC). Additionally, any data collection at other universities in- and outside of Belgium will also be cleared by relevant local ethics committees.

Will you process personal data? If so, briefly describe the kind of personal data you will use in the comment section. Please refer to specific datasets or data types when appropriate.

- Yes

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: 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 KU Leuven: name, home address, and bank account (will be kept separately from survey responses and experimental data).

Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, ...)? If so, please comment per dataset or data type where appropriate.

- No

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material/Data transfer agreements/ research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

There are currently no such agreements in place. 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.

Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please explain in the comment section to what data they relate and which restrictions will be asserted.

- No

2. Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep data understandable and usable, for yourself and others, now and in the future (e.g., in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, Codebook.tsv etc. where this information is recorded).

For each dataset generated by the PhD candidate, 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 (KU Leuven), 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.

Will a metadata standard be used to make it easier to find and reuse the data? If so, please specify (where appropriate per dataset or data type) which metadata standard will be used. If not, please specify (where appropriate per dataset or data type) which metadata will be created to make the data easier to find and reuse.

- No

Descriptive metadata will be created as part of the documentation on study content information, see 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.

3. Data storage & back-up during the research project

Where will the data be stored?

During the process of conducting the study, the PhD student 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 and will only be accessible by the PhD student and main supervisor. Only the PhD student, main supervisor, and possibly students working on the project will have access to the raw data. 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. If necessary, the co-supervisor will be provided access to generated data. In this case, a data-sharing agreement will be implemented with the co-supervisor and her host-institution. Data will always be transferred in an encrypted fashion or within the KU Leuven OneDrive system.

After a study is completed, the PhD student will also upload the data (except the personally identifying data) to a shared network drive of the research unit CSCP at the faculty of Psychology and Educational Sciences (KU Leuven). The PhD student will follow the data management protocol of this research unit. For each of the five studies a folder will be created 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 organization 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), anonymized data, data cleaning (with amongst others the syntax and cleaned dataset) and the results; (7) output: manuscripts, presentations.

For studies potentially executed external to KU Leuven, data might if necessary also be stored locally at equally or more stringent levels of security with eventual transfer back to KU Leuven. The DMP will be updated to clarify if this is the case.

How will the data be backed up?

For all studies: 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).

**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

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.), data will be stored on Bitlocker encrypted computers on OneDrive operated by KU Leuven. When a study has been completed, the PhD student will also upload all the data (except 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. In this case, 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. If necessary, the co-supervisor will be provided access to generated data. In this case, a data-sharing agreement will be implemented with the co-supervisor and her host-institution. Data will always be transferred in an encrypted fashion or within the KU Leuven OneDrive system.

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

KU Leuven provides all academic staff and students with KU Leuven OneDrive services.

4. Data preservation after the end of the research project

Which data will be retained for at least five years (or longer, in agreement with other retention policies that are applicable) after the end of the project? In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).

All data will be retained at least for the expected 5 years period after the end of the project, except 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 intended purpose.

Where will these data be archived (stored and curated for the long-term)?

The data will be stored on the university's central servers (i.e., the J-drive of the Center for Social and Cultural Psychology (Faculty of Psychology and Educational Sciences, KU Leuven), with automatic back-up procedures) for at least 10 years, in accordance with KU Leuven RDM policy.

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

N/A

5. Data sharing and reuse

Will the data (or part of the data) be made available for reuse after/during the project? In the comment section please explain per dataset or data type which data will be made available.

- Yes, in an Open Access repository

All newly generated data-sets will be made available upon publication or at the end of the project on KU Leuven's open-access repository RDR. This concerns meta-data (automatically standardized) and cleaned data-sets.

If access is restricted, please specify who will be able to access the data and under what conditions.

N/A

Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)? Please explain in the comment section per dataset or data type where appropriate.

- Yes, Privacy aspects
- Yes, Ethical aspects

For all newly generated data-sets, personal information needed for payment/sending results/sending invitations for follow-up studies/coupon lottery will be deleted after they are used for their intended purpose and will not be uploaded to the KU Leuven RDR. Where necessary, other identifying information will be not be uploaded either. If so, the DMP will be updated to reflect this.

Where will the data be made available? If already known, please provide a repository per dataset or data type.

For all data-sets: KU Leuven RDR.

For data collected outside KU Leuven, perhaps other databases will be necessary. If so, the DMP will be updated to reflect this, and data-sets will be linked via unique identifiers.

When will the data be made available?

Upon publication of the research results or at the end of the project.

Which data usage licenses are you going to provide? If none, please explain why.

CC-BY-NC-SA-4.0

Do you intend to add a PID/DOI/accession number to your dataset(s)? If already available, you have the option to provide it in the comment section.

- Yes

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

N/A

6. Responsibilities

Who will manage data documentation and metadata during the research project?

The PhD candidate and the main supervisor

Who will manage data storage and backup during the research project?

The PhD candidate and the main supervisor

Who will manage data preservation and sharing?

The PhD candidate and the main supervisor

Who will update and implement this DMP?

The PhD candidate