
G010124N: Putting Adolescents' Porn Use in Perspective: Introducing Porn Themes and Literacy to Understand Potential Empowering Effects

A Data Management Plan created using DMPonline.be

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Project abstract:

Research has primarily applied a harm-focused perspective to examine the effects of adolescents' pornography use. To overcome this negativity bias in the field, recent voices in sexology and communication literature have called for the exploration of pornography's positive potential in youth's sexual socialization. As a response to these calls, this project theorizes the Adolescents, Pornography, and Positive Sexuality (APPS) Model. The APPS model integrates sexual media effects theories with positive media psychology and sexology literature. Central to this model is its attention to content variation (i.e., negative and positive sexual themes), hedonic and eudaimonic responses (i.e., experiences of inspiration and autonomy), and porn literacy as a key user factor. The theorization and testing of this model can lead to a more complete understanding of youth's experiences with pornography. Such knowledge is crucial given the developmental relevance of healthy sexuality in adolescence. The APPS model will be tested using the most robust methods. New concepts will be conceptualized and operationalized by combining (cognitive) interviews with quantitative research (i.e., cross-sectional survey and content analysis). Further, the fluctuating impact of pornography uses on adolescents' positive sexuality will be studied in a five days diary

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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 	
Codebook_ContentAnalysis_WP2	Codebook contains all relevant codes that will be used during coding process of content analysis	new	digital	textual	pdf	<1GB	
Samplepornlinks_ContentAnalysis_W2	links to online imagery coded	new	digital	textual (embedded links)	.xls	<1GB	
TopicListInterviews-WP1	Topic list that contains topics and questions to ask during the interview	new	digital	textual	pdf	<1gb	
Recordings_Interviews_WP1	audiorecordings of interviews	new	digital	audio/sound	.mp3	<1gb	
Transcripts_interviews_WP1	Dataset containing the observational notes and transcripts of the interviews accompanied by the codes that are ascribed to the participants' responses and the codebook that will be created based on these responses	new	digital	textual	pdf	<1GB	
Dataset_Survey1_WP1	Dataset containing the survey answer/ results of the first planned porn use survey	new	digital	numerical	.R	<100GB	

Dataset_Survey1ID_WP1	Dataset containing the private emailaddresses from the respondents of survey 1, will be deleted after rewarding/debriefing	new	digital	numerical	.R	<100gb	
Dataset_Survey2_WP1	Dataset containing the answers of the SECOND planned porn use survey	new	digital	numerical	.R	<100gb	
Dataset_Survey2ID_WP1	Dataset containing the private emailaddresses from the respondents of survey 2, will be deleted after rewarding/debriefing	new	digital	numerical	.R	<100gb	
Dataset_Diarystudy_WP3	Dataset containing the daily diary survey results	new	digital	numerical	.R	<100gb	
ParentalConsent_survey_WP1_WP3	Dataset containing active consent, names of parents/legal guardian and email addresses of child	new	digital	numerical	.R	<100gb	
Participantrewarddebriefdata_WP1_WP3	Dataset containing the email addresses of all participants who successfully completed a study and a list in which studies they participated) . Note that this dataset is deleted after rewarding/debriefing is finished	new	digital	numerical	.R	<100gb	

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:

Porn_ContentAnalysis_WP1: The researchers will use a sample of existing porn images and videos that are publicly available to adults.

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

Yes, human subject data (Provide SMEC or EC approval number below) Work packages (1/3) make use of human subject data (demographic info, personality, sexuality, sexual media use) For all the studies ethical approval will be asked to SMEC in the near future.

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

In work packages 1 and 3 personal data of participants will be collected in the form of socio-demographical data (e.g. gender, age), sexual (media) data and background information of the participants (e.g. email addresses). Personal information will also be collected and will be stored separately and all analytical datasets will be pseudonymized. Privacy Registry Reference: ethical approval is currently being asked from the Ethical Commission of KU Leuven (SMEC).

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

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).

The main researcher will collect all data and group the different datafiles according to the different work packages (WP) in het secured KU Leuven folder.

An exception is the folder personal data which includes 5 datafiles including for both WP1 and WP3 the active parental consent dataset (including names of the parent/legal guardian and the email address of the child that can participate and the type of study for which consent is given) and the debriefing/rewarding datasets per study (WP1 survey study 1 // WP1 survey study 2 // WP1 interview study// WP3 diary study) including the email addresses of all participants who successfully completed a study and a list in which studies they participated) . Note that singular datafiles are deleted after rewarding/debriefing in a WP is finished.

WP2 has 2 datasets with one containing the codes that will be used during the coding process of the content analysis, these codes are based on previous content analyses and other relevant porn/sexual media literature, one with (1) the data of the embedded links on with the porn videos/images are distributed that will be coded during the coding process of the content analysis) as well as (2) codes that were ascribed to each different porn imagery/video

WP1 contains 4 datasets. For interviews, a dataset on TopicListInterviews-WP1 Topic list that contains topics and questions to ask during the interview new digital textual pdf <1gb, Recordings_Interviews_WP1 audiorecordings of interviews new digital audio/sound .mp3 <1gb and 'Transcripts_interviews_WP1 Dataset containing the observational notes and transcripts of the interviews accompanied by the codes that are ascribed to the participants' responses and the codebook that will be created based on these responses new digital textual pdf <1GB

For survey 1, Dataset_Survey1_WP1 Dataset containing the survey answer/ results of the first planned porn use survey, accompanied by a methodology document where the used scales are described, mentioning all items and references of the original articles to explain all concepts and variables.

For survey 2, Dataset_Survey2_WP1 Dataset containing the survey answer/ results of the second planned porn use survey, accompanied by a methodology document where the used scales are described, mentioning all items and references of the original articles to explain all concepts and variables)

WP3 contains 1 dataset and receives the name 'Dataset_DailyDiary_WP3' (with as data the export of the responses to the daily surveys, accompanied by a methodology document where the used scales are described, mentioning all items and references of the original articles to explain all concepts and variables).

All data transformations and analyses performed on all included datasets will be explained in a document and stored in a safe folder. Datasets in OSF will be accompanied by metadata so datasets are understandable for later re-use.

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

For WP2 the codebook will be made accessible. This codebook will contain detailed explanations of all the variables and the accompanying codes. In this way, the codebook can be reused in other studies. On OSF the dataset will also be made available

For WP1 a metadatafile on the interviews will be created including the context specific information in which the interviews were conducted. For WP1 (Survey Study 1 and Survey Study 2) two metadatafiles (with compiled data) will be created (one per survey study) in the following steps: 1) a unique identification code is given to each participant; 2) a check is done to ensure no identifying data has been reported in open answer questions to ensure the metadatafile will no longer contain personal information and will be pseudonymized. On OSF the raw pseudoanonymized dataset will also be made available.

For WP3 a metadatafile (with compiled data) will be created in the following steps: 1) a unique identification code is given to each participant; 2) participants answers across consecutive days will be linked in diary research through their unique identification codes. After participants have been linked, the unique identification codes will be deleted and the metadatafile will no longer contain personal information and will be pseudonymized. On OSF the raw pseudoanonymized dataset will also be made available.

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

Where will the data be stored?

Shared network drive (J-drive) Personal network drive (I-drive) All data will be stored and managed for the duration of the project on the secure central storage infrastructure (network drives) of KU Leuven. Access is personal and can only be obtained through the password protected intranet or through VPN. The pseudonimized data will not be stored together with the personal information.

How will the data be backed up?

Standard back-up provided by KU Leuven ICTS for my storage solution Data are automatically backed up when stored on the secure central storage infrastructure of KU Leuven.

**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

KU Leuven ensures sufficient storage for our data which are not exceptionally large.

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

The secure central storage infrastructure of KU Leuven has very strict rules of access. Access is personal to KU Leuven employees (who received access) and can only be obtained through the password protected intranet or through VPN. The ICTS of KU Leuven guarantees the safety and ensures to update this platform to be resilient to cyber-attacks. The personal data will only be used by the primary researchers of KU Leuven (i.e., PhD student and (co-)supervisors) and will not be distributed to anyone else. This personal data will be stored separately from the pseudonimized data sets.

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

There are no additional costs for this project. Costs are covered by the research group. The I- and J-drive can be accessed for this project

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...).

In accordance with the data management policy of KU Leuven, all data will be stored for 10 years after completion of the project. After this period, all data will be deleted permanently on the servers of KU Leuven. Note that pseudo-anonymized datasets and codebooks shared on OSF will remain available at OSF.

All emailaddresses, names, dates of birth, ages, and other information that can identify a person will be deleted after completion of the data collection/debriefing/rewarding, and before disseminating the results of the study.

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

Shared network drive (J-drive) Data will remain stored on the KULeuven central network drives as well as on the repository of OSF where the files will be, in line with open access guidelines, stay available in the long term.

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

Costs are covered by the research group

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

Only anonymised data of all work packages will be made available for reuse. Identification data will be deleted from these sub-datasets, so no full datasets will be made available.

All identification data will only be made available to the PhD student and the PI's.

For WP2, the codebook and the dataset containing the variables with accompanying codes will be made available.

For WP1, topic lists the interviews will be made available.

For WP1 /WP3 survey data, the exported data of the responses to the questionnaires will be made available. All information that can identify persons will be deleted before making this data public. All participants will be informed about the public availability of the data in the informed consent forms.

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

Only the PhD student and PI's will have access to the full datasets. The general public will only have access to the datasets without identifiable information.

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

Identification data of the participants will never be shared.

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

Other data repository (specify below) All anonymized datasets will be made available in the open access repository of OSF. Following international standards, the research should be available to the international community who are not familiar with the new RDR.

When will the data be made available?

Upon publication of research results

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

CC-BY 4.0 (data) Data from the project that can be shared will be made available under a Creative Commons Attribution license (CC-BY 4.0), so that users have to give credit to the original data creators.

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

Yes, a PID will be added upon deposit in a data repository A DOI will be automatically made when preregistering the studies on OSF.

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

No costs expected

6. Responsibilities

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

PhD student soon to be hired

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

PhD student soon to be hired

Who will manage data preservation and sharing?

PhD student soon to be hired

Who will update and implement this DMP?

PhD student soon to be hired