

Plan Overview

A Data Management Plan created using DMP Tool

Title: Mapping the current knowledge in syndemic research applied to Men having Sex with Men : a Scoping Review

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Mapping the current knowledge in syndemic research applied to Men having Sex with Men : a Scoping Review

Data Collection

What data will you collect or create?

The data will be created through a scoping review done according to the PRISMA extension for Scoping Review (PRISMA-Scr). Since this is the first scoping review addressing this research question, no preexisting data will be used.

The results of the database research will be exported to one .RIS file per database consulted.

Screening and data extraction will be completed using DistillerSR (Evidence Partners, Ottawa, Canada) after uploading of the RIS files. Every forms used for screening and data extraction will be exported to .PDF files. Raw data generated through those forms will be exported to .CSV files and imported in R Statistics for further analysis and to generate charts and tables for the final report. As such a .RData file will also be created during the research.

Given the nature of the data created, the total size of the data is expected to be quite low, not exceeding a few megabytes.

How will the data be collected or created?

The initial data collected consist of .RIS files generated through an electronic search of scientific databases. This scoping review will be performed in accordance with the PRISMA extension for Scoping Review (PRISMA-Scr). The protocol of this scoping review was written according to the PRISMA extension for Protocols (PRISMA-P) and will be submitted for publication in a peer-reviewed journal. In addition, a preregistered version of this protocol will be made available on Open Science Framework upon manuscript submission and will be accessible at <https://osf.io/t6yxb/> with no end of availability. Specifically, the full summary of electronic search is available in table S1 of the Supplementary Material of the protocol.

Documentation and Metadata

What documentation and metadata will accompany the data?

The data will be accompanied by a README file for the main directory and for each subdirectory. The main README file will describe the directory and subdirectories organization. Subdirectories README files will describe the files contained in the subdirectory and will be updated whenever files are added.

In addition, the .rmd file which will be used to generate the final paper will also be joined in the main directory. It will contain detailed explanations on the calculation performed and statistics used in the chunk codes to ensure a fully reproducible scoping review.

Ethics and Legal Compliance

How will you manage any ethical issues?

No ethical concerns are applicable given the nature of the research and of the data generated.

How will you manage copyright and Intellectual Property Rights (IP/IPR) issues?

Data will be licensed under Creative Commons Licensing CC-BY. As such, the data will be fully reusable without any restriction other than attribution.

Storage and Backup

How will the data be stored and backed up during the research?

Data will be stored and backed up on the OneDrive account of the main investigator and backed up during the entire course of the research. Furthermore additional backup on Open Science Framework will be performed after every research session.

How will you manage access and security?

OneDrive and Open Science Framework are secured platform. Given that our data are neither confidential nor related to human beings, additional security measures are not deemed necessary.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

Given that our ambition is to produce a fully reproducible paper and the limited size of the data generated, every data will be preserved and shared on the Open Science Framework. Our may be reused to reproduce our research, validate our findings or to conduct new studies.

What is the long-term preservation plan for the dataset?

Data Sharing

How will you share the data?

The data will be registered publicly on the Open Science Framework upon manuscript submission without any end of availability. A unique Digital Object Identifier (DOI) will be generated for the whole project, including raw data (.RIS files, .csv files), forms (.PDF files), transformed data (.RData file) as well as for the RMarkdown document which will be used to generate the final paper. As stated earlier, our goal is to produce a fully reproducible paper with every component publicly available and reusable with attribution condition. The created DOI will have the benefit to perpetually reference our data and allow for our data to be cited and accessed by the public.

Are any restrictions on data sharing required?

Question not answered.

Responsibilities and Resources

Who will be responsible for data management?

The main investigator, Maxence Ouafik (<https://orcid.org/0000-0002-9795-5721>), is responsible for implementing the DMP and for every data management activity. Review of the DMP was performed by Beatrice Scholtes (<https://orcid.org/0000-0001-5274-822X>), second author of the Scoping Review Protocol.

What resources will you require to deliver your plan?

Question not answered.
