Plan Overview

A Data Management Plan created using DMPTool-Stage

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

Creator: Maxence Ouafik

Affiliation: Non Partner Institution

Principal Investigator: Maxence Ouafik

Data Manager: Maxence Ouafik

Funder: Digital Curation Centre (dcc.ac.uk)

Funding opportunity number: 51444

Template: Digital Curation Centre

Last modified: 05-06-2020

Copyright information:

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

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.

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.

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.

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

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

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.

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.

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.

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.

Question not answered.

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.

Question not answered.