

Pulling data from Web of Science

A. Influential articles definition (`coreidd`)

- a. Identify & retrieve 23 influential records from WoS (call this generation 1)
 - i. Query link (run on 11/25/2024):
<https://www.webofscience.com/wos/woscc/summary/7c87e64e-2a8c-44b2-86e0-57aab3b4244b-012b4e74ec/relevance/1>
 - ii. Export using Fast5000 as a txt file, copy contents into an Excel file, and save as gen1_download.csv
- b. To get info on these papers, run 01_gen1.py file to create input file for API call and output results of API call to csv
 - i. This will first create files formatted properly for the API, then pull from the API; the process is similar for steps c-e
- c. To get info on the bibliographies of these papers, run 02_gen1_bibs.py to create input file for API call and output results of API call to csv
- d. Identify & retrieve articles that cite these highly cited articles (call this generation 2) using 03_gen2.py
- e. Identify & retrieve bibliographies of these citing articles (generation 2) using 04_gen2_bibs.py

B. Books definition (`books`)

- a. Identify books entries on WoS using below search, select all entries as of 04/13/2023 EXCEPT erroneous Intracellular Trafficking-titled entry
 - i. Cited References Query: "Cited work = Infectious Diseases of Humans: Dynamics and Control OR Cited work = Modeling Infectious Diseases in Humans and Animals OR Cited work = Mathematical Tools for Understanding Infectious Disease Dynamics"
 - ii. Export using Fast5000 as txt files, copy contents into an Excel file and save as gen1_download.csv
- b. Retrieve more information on these articles that cite the books (generation 1) by running 01_gen1.py
 - i. This will first create files formatted properly for the API, then pull from the API; similar approach is used in step c
- c. Identify & retrieve bibliographies of these citing articles by running 02_gen1_bibs.py

Once these are done, move on to 05_join_datasets_clean.R, then to the files in process_data/