**Channels in Macro Papers – Initial Plan**

1. **Download papers** **since 2015 in macro, from the top 5 macro journals**

* A macro paper:
  + Has a JEL code in "E – Macroeconomics and Monetary Economics" (e.g., E40, E51, see <https://www.aeaweb.org/econlit/jelCodes.php?view=jel>) OR/AND
  + Contains one of those words: "macro", "macroeconomic", "macroeconomics", "fiscal policy", "monetary policy" in any part of the paper (title, abstract, keywords, any paragraph in the body of paper)
* For each journal:
  + Check if the journal website provides a JEL classification. If so, use that to download all papers from 2015 with a JEL of E.
  + Download all papers from 2015 onwards
    - Download in pdf and txt. If only available in pdf format, convert to txt.
    - Web scrape or manually download reports from JSTOR / Wiley Online Library / EconLit
  + Identify papers with a macro-related keyword
  + Combine and remove duplicates

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| --- | --- | --- |
| Paper | Link for all papers | Those classified under JEL: E - Macroeconomics and Monetary Economics |
| American Economic Review | <https://www.aeaweb.org/journals/aer/issues> | <https://www.aeaweb.org/journals/aer/search-results?ArticleSearch%5Bwithin%5D%5Barticletitle%5D=1&ArticleSearch%5Bwithin%5D%5Barticleabstract%5D=1&ArticleSearch%5Bwithin%5D%5Bauthorlast%5D=1&JelClass%5Bvalue%5D=E&journal=1&ArticleSearch%5Bq%5D=> |
| Quarterly Journal of Economics | <https://academic.oup.com/qje/issue> | <https://academic.oup.com/qje/search-results?q=&tax=JEL/E> |
| Econometrica | <https://onlinelibrary.wiley.com/loi/14680262> | - |
| Journal of Political Economy | <https://www.journals.uchicago.edu/toc/jpe/current> | - |
| Review of Economic Studies | <https://academic.oup.com/restud/issue> | <https://academic.oup.com/restud/search-results?q=&tax=JEL/E> |

* Also, for each paper:
  + Download information about the paper: journal, title of paper, authors, date (year and quarter of journal that the paper was published in).
    - It seems neater to do this while downloading papers rather than writing a code for this, if we are manually downloading papers. Also, JSTOR / Wiley Online Library / EconLit might have tools to make it easier.
  + Create an excel file containing information for all papers.
  + Save the pdf and txt with a name that can be linked to the specific paper in this excel file. Alternatively, include the pdf and txt name as columns in the excel file.

1. **Extract to Excel table paragraphs containing the word "channel" from the above macro articles.**

* 1 code file to:
  + Break up the paper into paragraphs
  + Identify if a paragraph contains the word “channel”
  + And if so, append that paragraph to a list
  + Repeat for all papers and compile the list
  + For each paragraph in the list, find the corresponding entry in the excel file containing identifying information about the paper using the filename, and retrieve the journal, title of paper, authors and date. Join them to form one row of a dataframe, and repeat for all paragraphs to form a full dataframe.
  + Save the dataframe as an Excel table.
* Another code file to:
  + Bold ‘channel’
  + Break up the dataframe into sets of 500 entries and save each one as an excel file
* Excel table will look something like this:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Journal | Title of Paper | Authors | Date | Paragraph |
|  |  |  |  |  |
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