Read Me of the Project

# Installing R

There is not particular restriction of which version of R and/or its packages should be used.

# Package Structure

|  |  |
| --- | --- |
| ├── data  │   └── joined\_msvs.csv | The merged search volumes (MSVs) of all keywords. |
| ├── fitted model | A folder ready for storing fitted models. |
| ├── result | A folder ready for storing outputs. |
| ├── RSV | A folder ready for storing downloaded RSVs. |
| W1 web scraping.R  W2 check empty csv.R  W3 redownloading.R | Scripts used to download RSVs. Users should run W1 first, then W2, and so on. |
| R1 combine RSV.R  R2 CV.R | Scripts used to calculate the coefficients of variations before and after the Google improvements. Users should run R1 first, then R2. |
| T1 data cleaning.R  T2 confounding factors.R  T3a Granger causality test for media coverage.R  T3b Granger causality test for policy indices.R  T4a results for media coverage.R  T4b results for policy indices.R  T5 predicting Long COVID.R  T6 prediction analysis.R  T7 evolution of symptoms.R | Scripts used to conduct confounding factor tests and predicting long COVID. Users should run T1 first, then T2, and so on. |