**Major Newspaper and Online Forums[[1]](#footnote-1)**

* Databases for historical newspapers and online forums
* Newspaper Historical Database
* Other Languages Except for Chinese
* **Factiva[[2]](#footnote-2)**

[*https://libportal.nus.edu.sg/frontend/databases-home*](https://libportal.nus.edu.sg/frontend/databases-home)

* **LexisNexis** (Zhang et al. (2020); Hilton et al. (2011); Schultz et al. (2012))

***{Nexis Uni at*** *https://libportal.nus.edu.sg/frontend/databases-home}*

* **NewsLibrary database** (*newslibrary.com*) (Autor et al., 2010) [ for US ]
* **ProQuest Newsstand database** (Autor et al. (2010); Zamith et al. (2013))

*https://www-proquest-com.libproxy1.nus.edu.sg/pqdauto/*

* Chinese Language
* [**Wisers Information Portal**](http://wisenews.wisers.net/) **/ WiseNews** (Luk et al. (2020); Y et al. (2020); (Chu et al. (2018)) ﻿(*http://wisenews.wisers.net*)
* **Apabi** (Chu et al., 2018) (*http://www.apabi.com/*)
* **CNKI** (Chu et al., 2018) ([*http://www.cnki.net/*](http://www.cnki.net/))
* **People’s Daily Online** (Chu et al., 2018) ([*http://www.People.com.cn/*](http://www.People.com.cn/))
* **Baidu News** (Chu et al., 2018) ([*http://news.baidu.com*](http://news.baidu.com))

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* Online Forum
* data crawling (N et al. (2010))
* Regional Corpus Detailed Selection Reference[[3]](#footnote-3) (Combined Searching Result based on circulation data and paper)
* Hong Kong Corpus
* Newspaper

1. **Headline Daily** (Sarah Liu, 2019) (Lee, 2012)
2. **Oriental Daily News**(Sarah Liu, 2019) (Lee, 2012) (Chiu et al., 2017) (Luk et al., 2020) (Chan, 2017)
3. **Hong Kong Apple Daily**(Sarah Liu, 2019) (Lee, 2012) (Chiu et al., 2017) (Luk et al., 2020) (Chan, 2017)
4. **Ming Pao Daily News** (Fu et al., 2011) (Lee, 2012) (Luk et al., 2020) (Chan, 2017)
5. **Sing Tao Daily News** (Fu et al., 2011) (Luk et al., 2020) (Chan, 2017)

* Online Forum[[4]](#footnote-4)

1. **Hong Kong Discuss Forum**
2. **LIHKG**
3. **HKGolden**

* London Corpus
* Newspaper[[5]](#footnote-5) (Sunday/weekend newspaper)

1. **The Sun** (Sarah Liu, 2019)(Flint et al., 2016) (Hilton et al., 2012) (Hilton et al., 2010) (Partington, 2010) (Hilton & Hunt, 2011) (Rambaccussing & Kwiatkowski, 2020)
2. **Daily Telegraph (The Sunday Telegraph)** (Sarah Liu, 2019) (Flint et al., 2016) (Hilton et al., 2012) (Hilton et al., 2010) (Partington, 2010) (Hilton & Hunt, 2011) (Rambaccussing & Kwiatkowski, 2020)
3. **Daily Mail** **(The Sunday Mail)** (Flint et al., 2016) (Hilton et al., 2012) (Hilton et al., 2010) (Hilton & Hunt, 2011) (Rambaccussing & Kwiatkowski, 2020)
4. **The Times (The Sunday Times)** (Flint et al., 2016) (Hilton et al., 2010) (Partington, 2010) (Rambaccussing & Kwiatkowski, 2020) (Schultz et al., 2012)
5. **The Guardian (Observer)** (Hilton et al., 2012) (Hilton et al., 2010) (Hilton & Hunt, 2011) (Rambaccussing & Kwiatkowski, 2020) (Partington, 2010)

* New York Corpus
* Newspaper ﻿

1. **The Wall Street Journal** (Sarah Liu, 2019) (Schultz et al., 2012) (Tetlock, 2007) (O’Neill, 2013)
2. **The New York Times** (Sarah Liu, 2019) (Ju et al., 2014) (Schultz et al., 2012) (Garcia, 2013) (O’Neill, 2013) (Zamith et al., 2013)
3. **New York Daily News** (Ju et al., 2014)
4. **Newsday** (Ju et al., 2014)
5. **Democrat and Chronicle** (Ju et al., 2014)

* Sao Paulo Corpus
* Newspaper

1. **Folha de São Paulo** (Folha) (Zamith et al., 2013)
2. **O Estado de S. Paulo** ﻿(Estadão) (Zhang et al., 2020)

* Wuhan Corpus
* Newspaper (Chinese Name)

1. **Hubei Daily (湖北日报)** (Zhou et al., 2015) (R. Huang et al., 2020) (R. Li et al., 2020) (Xie et al., 2020)
2. **Changjiang Daily (长江日报)**  (Zhou et al., 2015)
3. **Chutian Metropolis Daily (楚天都市报)**  (Zhou et al., 2015) (Chu et al., 2018)

* Covid19 Variable and Data Source
* Variables
* Daily new/death/recovered case
* Daily new test
* Daily new confirmed cases of COVID-19 (7-day smoothed) per 1,000,000 people
* Daily new tests of COVID-19 (7-day smoothed) per 1,000 people
* Case-fatality rates (CFR): the ratio of deaths over confirmed cases

(covid19 cases and death are the cumulative data of 60 days after the first case for a particular country)

* Prevalence (P) = COVID-19 confirmed cases (C) / population (P) \* 1,000,000

(covid19 cases are the cumulative data of 60 days after the first case for a particular country)

* Data Source
* Covid19 Case Data

Center for Systems Science and Engineering at Johns Hopkins University (CSSE) at [*GitHub - CSSEGISandData/COVID-19: Novel Coronavirus (COVID-19) Cases, provided by JHU CSSE*](https://github.com/CSSEGISandData/COVID-19)

* Covid19 Test Data
* US

The COVID Tracking Project at

*https://github.com/COVID19Tracking/covid-tracking-data*

* World

Our World in Data at [*Coronavirus Pandemic (COVID-19) - Statistics and Research - Our World in Data*](https://ourworldindata.org/coronavirus)

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1. For each location, the particular region is the place of the newspapers and online forums’ headquarter. [↑](#footnote-ref-1)
2. Database in red are the ones available in NUS library. [↑](#footnote-ref-2)
3. Selection results are based on the common newspapers between papers and reported circulation data from news and Wikipedia as the latest official circulation data cannot be accessed freely from World Association of Newspapers or Audit Bureau of Circulations (ABC) (Gentzkow, Shapiro, & Sinkinson, 2014). If the results of two sources vary, the final list is based on the ones used in the papers. [↑](#footnote-ref-3)
4. Corpus of Hong Kong online forum is based on ranking of Alexa top 50 sites on the web in Hong Kong and the first three online forums are selected (*https://www.alexa.com/topsites/countries/HK*). [↑](#footnote-ref-4)
5. We select daily newspaper primarily due to the more news data that could be obtained. At the same time, we rank the newspapers by the number of times used in the papers in our search sample for further selection. [↑](#footnote-ref-5)