This dataset and code are intended to replicate "COVID-19 Politics in South Korea: Findings from Topic Models of 87,487 Tweets" and please check below.

This study was conducted based on high-performance computing resources supported by the Korean National IT Industry Promotion Agency (NIPA).

CPU: 16 cores, more than 2.1GHz, GPU: 20TFLOPS, RAM: 128GB, HDD: 2TB

(The time estimated about 2~3 hours)

This dataset is configured as follows:

1. Python code for performing analysis (The author performed the analysis with the Jupyter Notebook, but given the user environment, the code is provided in two forms: ipynb and py. The content is the same)
2. Python library such as numpy and pandas used in this study is universally used, but 'tomotopy' library used in topic model may need installation
3. Twitter data for performing topic modeling (ptm_twitter.csv)
4. csv file for visualizing the topic modeling result (result.xlsx)

To replicate this study, you **should** move all files to **"c:\pythonwork"** and then proceed.