STOR 320: Methods for Data Science

2025 Fall

Project Proposal Group 6 - [We were unable to confirm this]

Project Roles

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Datasets

Replication Data for: China's Foreign Aid Political Drivers: Lessons from a Novel Dataset of Mask Diplomacy in Latin America During the COVID-19 Pandemic

- Cick Download

A global dataset of pandemic- and epidemic-prone disease outbreaks

- Export from folder ...

Initial Questions (At least 10 questions)

- **Question 1:** When were donations of pandemic supplies most concentrated?
- **Question 2:** What are the trends in donation timing?
- **Question 3:** How are these supplies distributed i.e. who/where is receiving the most ammmount of supplies for any given country?
- **Question 4:** When is the most serious period during Covid in any given country?
- **Question 5:** Which equipment (goggles, gloves, gowns, etc.) helps most? (all the stuff except masks and ventilators)
- **Question 6:** What kind of donor donates the most? (private organization, government organizations, etc.)
- **Question 7:** Is there a difference in the dispersion pattern of N95 masks when compared to regular masks? Did the case rates see a greater improvment?

- **Question 8:** Are locations where tests are more commonly donated subject to a lower spread of disease?
- **Question 9:** Does the dollar amount of donations affect the case rates/death rates in between certain countries?
- **Question 10:** Does the number of ventilators donated affect death rates in any given country?
- **Question 11:** Are certain types of donors are associated with more significant improvements in COVID-19 case/death rates in the recipient countries?

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