Natural Disasters and Trade: The mitigating impact of port substitution
Replication files and codes

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Paper version: January 12, 2019

Data

The trade data comes directly from e-Stat, the portal site for Japanese Government Statistics https://www.e-stat.go.jp/en/stat-search/files?page=1&layout=datalist&toukei=00350300&tstat=000001013143&cycle=1&tclass1=000001013229&tclass2=000001013230. We created a script that downloads all individual monthly files and stacks them together. This combined dataset is provided as the raw dataset. Data on customs (ports) comes from various sources as described in the paper.

Files

- cpdm_ex_data.RDS (Customs-Product-Destination-Monthly export data)
- df_customs.RDS (customs information)
- df_bilat.RDS (bilateral port distances)
- df_prod.RDS (prefecture production indices)
- table_functions.R (outputting latex tables)
- alternative.sectors.R (sector definitions)
- prod_regs.R (product restrictions, not used in paper)
- country_codes.RDS (country code definitions)

These files are used by

- cpdmMargins.R

to create the following files with trade margins

- dfMargins_complete_2DaSector.RDS
- dfMargins_complete_0Sector_dest.RDS
- dfMargins_complete_pref.RDS

Descriptive statistics (Table 2 in paper)

On these datasets the regressions are run.

- regs.R creates all statistical tables and figures.

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