

Policy database cleaning (L1 - Beijing)

The **purpose** of this page is to document the cleaning process for the policy database (L1, Beijing)

Links:

Code	policy-database / notebooks / explore-china-policy-databases.R
Input data	policy-database / data / internal / MassCPR_level1_v4_verified_20200910.csv
Output data	policy-database / notebooks / outputs

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- Category: POI policies
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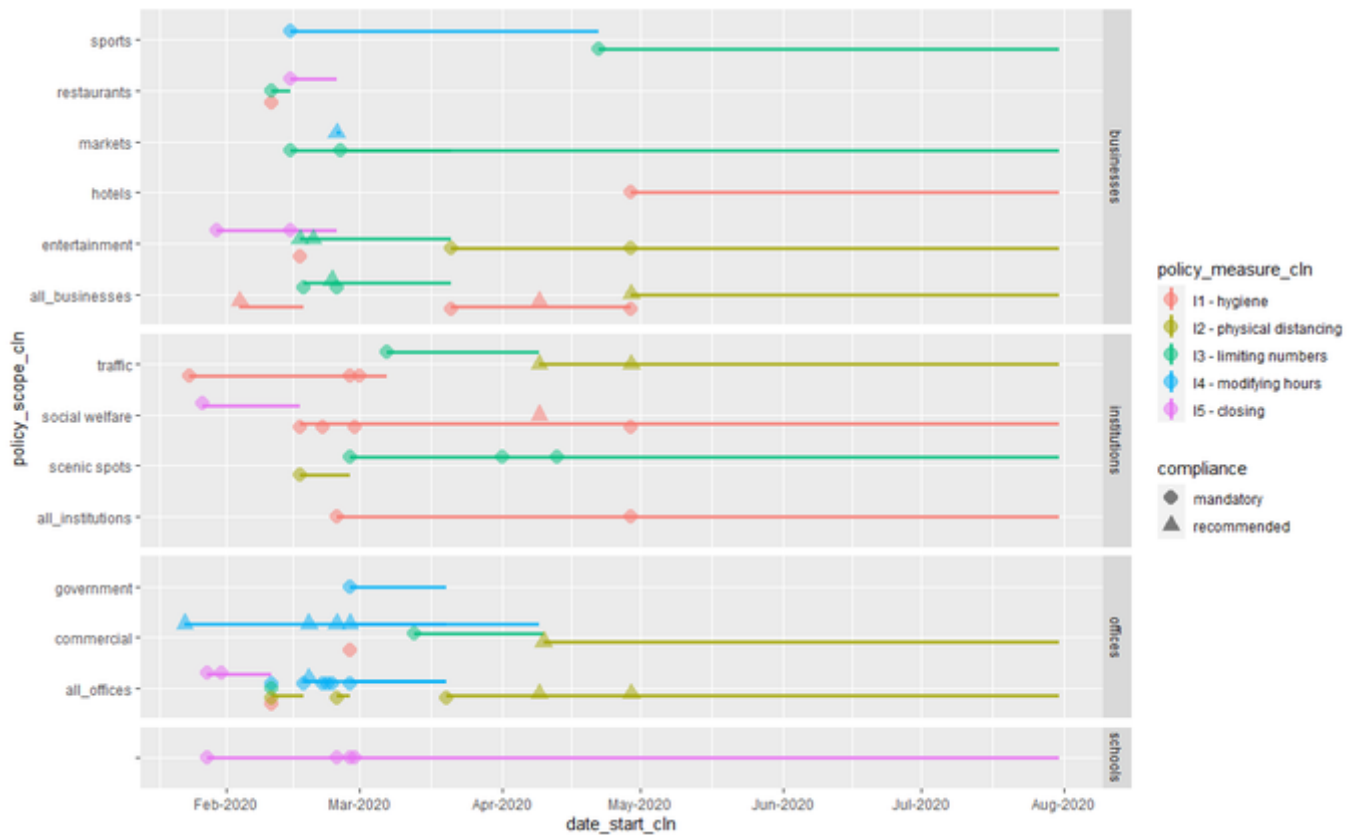
Category: POI policies

Businesses, offices, schools, institutions

Transformations

- **Assumption** :one: : Within each scope, assume a subsequent policy ends the previous policy
- **Assumption** :two: : The end date of a policy can only be set by policies of the same compliance type (recommended vs. mandatory)
- **Assumption** :three: : an “all_[POI]” policy will override policies of its subcategories except when there is a subcategory-specific policy announcement within 3 days of the “all_[POI]” policy

Implementation



Other cleaning updates:

- Remove policies focused on subpopulations
- Remove policies if there is another policy with a higher measure on the same day
- Cinema becomes its own high-level category

Category: Individual

Face masks, hand hygiene, and other personal protective equipment

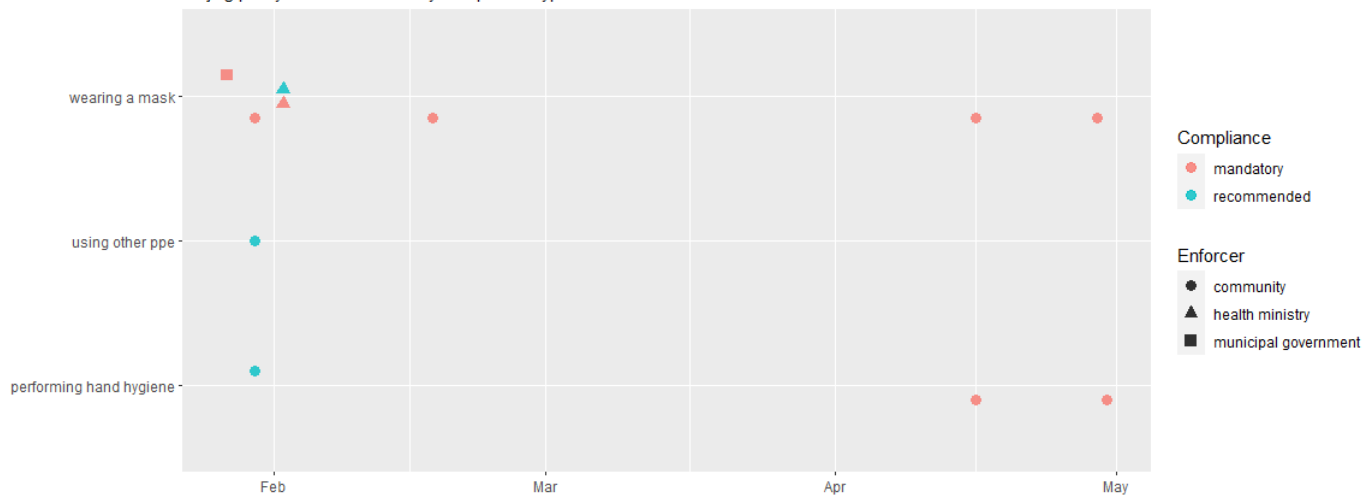
Transformations

- **Assumption :one :** Within each scope, assume a subsequent policy ends the previous policy
- **Assumption :two :** The end date of a policy can only be set by policies of the same compliance type

Implementation

COVID-19 protective behavior (POI) policy announcements

Beijing policy announcements by compliance type and enforcement mechanism



Other cleaning updates:

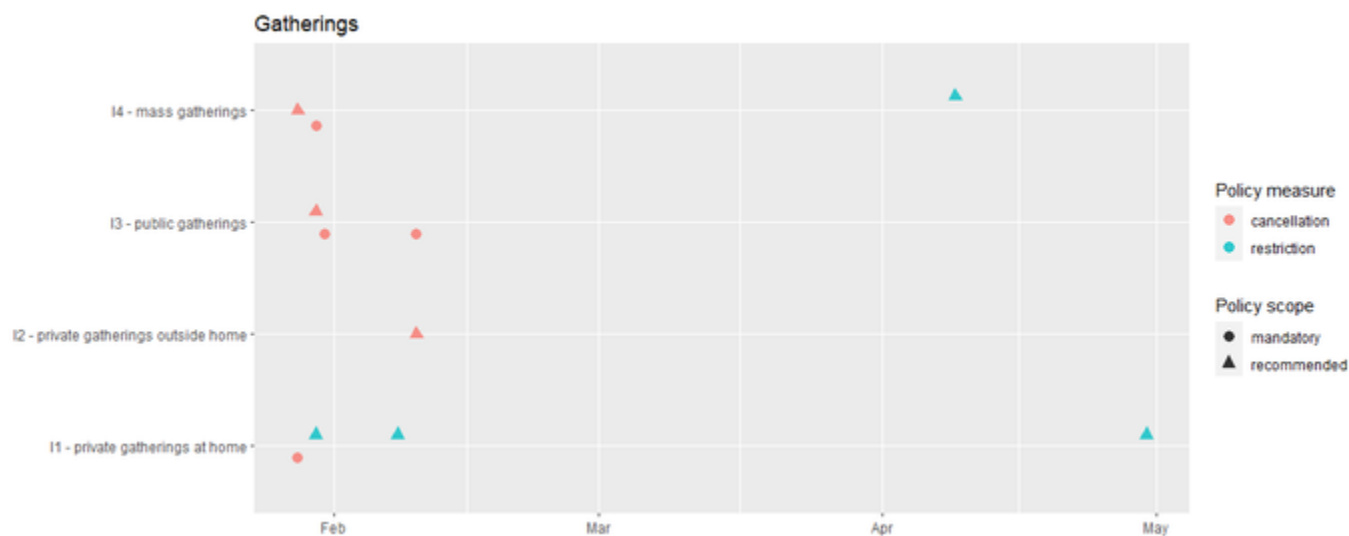
- No need to track hand hygiene or other PPE
- If there is a sub-population (especially healthcare workers), I suggest we remove these policies

Category: Gatherings

Transformations

- **Assumption :one:** Within each scope, assume a subsequent policy ends the previous policy
- **Assumption :two:** The end date of a policy can set by policies of either compliance type
- **Assumption :three:** Across scopes, any policy announcement gets applied to all lower level scopes (e.g., I1 gets applied to I2-I4) except when there is a scope-specific policy announcement within 3 days
- **Assumption :four:** Across scopes, any policy announcement will set the end date of all other scopes except when there is a scope-specific policy announcement within 3 days

Implementation



Other cleaning updates:

- Combine private gatherings outside home and public gatherings

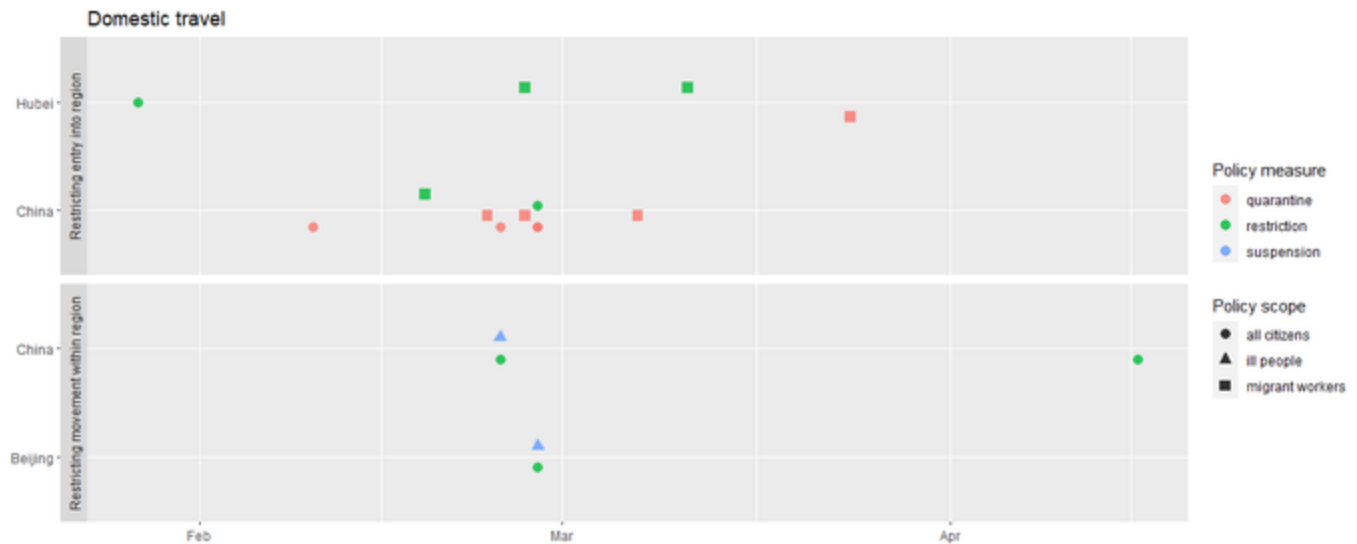
Category: Domestic travel

Transformations

Restricting entry into region and Restricting movement within region

- **Assumption :one:** Within each scope, assume a subsequent policy ends the previous policy
- **Assumption :two:** The end date of a policy can set by policies of either compliance type

Implementation



Other cleaning updates:

- We are not going to implement cleaning on domestic travel policies for now