Multiple objective model datasets information

Data required to prepare the final data sets for modeling

The following are the attributes that are required for the data preparations:

- Block id
- Arch type
- Strategy level
- Strategy cost
- Estimated households
- Number of buildings
- Year in which the buildings were built
- Median appraised value
- Percentage of black population
- Percentage of Hispanic population
- Initial functionality
- Latitude and longitude of the buildings

Description of the final datasets

Data containing the functionality:

The following are the columns contained the dataset.

- Z block id
- S archtype
- K initial strategy level
- 1 direct economic loss
- r ijk the "r" value associated with each building
- Q_t_hat the functionality after t months from the time of disaster .
- d ijk the dislocation parameter.

Data containing the strategy cost:

The following are the columns contained the dataset:

- Z block id
- S archtype
- K initial strategy level
- K' final strategy level
- Sc Strategy cost