Prop 21 - Rent Control and Housing Production

A Data Management Plan created using DMPTool

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Project abstract:

We are investigating the relationship between rent control and the production of housing.

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The project has used the following datasets:

1.Housing Affordability Data System from the United States Department of Housing and Urban Development (HUD)

- https://www.huduser.gov/portal/datasets/hads/HADS_doc.pdf
- https://www.huduser.gov/portal/datasets/hads/hads.html

3.Replication data for: The Effects of Rent Control Expansion on Tenants, Landlords, and Inequality: Evidence from San Francisco from OpenICPSR

- https://www.openicpsr.org/openicpsr/project/116215/version/V1/view

4.Vital Signs Housing Production by county, Vital Signs Housing Affordability County Overall, Vital Signs Displacement Risk by county from the Bay Area Metro

- https://data.bayareametro.gov/dataset/Vital-Signs-Housing-Production-by-county/nyee-uw6v
- https://data.bayareametro.gov/dataset/Vital-Signs-Housing-Affordability-County-Overall/szc6-px2p
- https://data.bayareametro.gov/dataset/Vital-Signs-Displacement-Risk-by-county/a2ix-22kq

Data will be collected through existing open databases as well as literature reviews.

The OpenICPSR project folder for “The Effects of Rent Control Expansion on Tenants, Landlords, and Inequality: Evidence from San Francisco” from Stanford University, is spread across five large datasets; We focused on data columns that reported net new housing built between 1975-2016. We converted this data from Stata files into CSV files to analyze it through excel and R.

Data from the HUD’s Housing Affordability Data System was used to study the amount of housing built prior to and after Costa Hawkins as well as vacancy rates. We converted this data from ASCII/txt files into CSV files to analyze it through excel and R.

Data from the Bay Area Metro was used to figure out housing production, housing affordability, and displacement risk by county. We kept this data as CSV files to analyze through R.

After data analysis through RStudio, we will have access to our datasets stored in Github Repository. Our visualizations of the data through RStudio will also be available in the same repository. The data as of now will not be updated.

Through this project, there will be no confidential data shared. The data collected will be who the participants are of the project and their attendance at our meetings. Their names, emails, university affiliations, and current educational levels will also be on file. Anything further will not be collected. Furthermore, the data collected, analyzed, and visualized will be shared at its final step once the

data is in a presentable format.

The data will be visualized using an RShiny application through RStudio to present any models as well as show our understanding of the data we have analyzed.

Data published will only be that of open source datasets used to complete this project as well as the data analysis from our derivations of these open source data sets. The analysis will be published in a report along with visualizations.

Open source data links we used can be found in our Github repository. Our derivations of this data will also be accessible through the same method. Data will be uploaded a week after the project's completion in October of 2020.