Portland: Replication Instruction

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Overview

README.txt

This document describes the scripts in portland_servus (in order of the process in the master.R file). For replication, simply run master.R.

DATA PREPARATION geocoding_api.R - Codes Census tract based on address information in the Portland data tidy_census_api.R - Loads Census data and saves relevant variables setup_portland.R - Loads Portland data and saves in the .RData format (analysis_info.Rdata for all data, financial_assistance_info.RData for financial assistance programme only) delinquency_measure.R - Constructs delinquency-related variables: delinquency status and amount, shutoff status financial_assistance_clean.R - Constructs variables for various financial assistance programs: financial assistance and payment arrangement merge_data.R - Merge all data, saves account_info_analysis.RData

data/analysis/analysis_info.Rdata contains the raw data data/analysis/account_info_analysis.RData contains the data primarily used in the analysis - Note: this file is in the account level - Note: this file does not restrict to residential single family: filter(ACCOUNT_CLASS_DFLT %in% c("RESSF", "ASST")) to restrict to single family data/analysis/delinquency_status/RData contains the panel data on bills and payments

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DESCRIPTION

descriptive_statistics.R - Create tables for basic descriptive statistics and overview of the data (account types) descriptive_statistics_graph.R - Create graphs for basic descrip-

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tive statistics (pie charts) descriptive_statistics_resmf.R - Create tables for basic descriptive statistics for residential multi-family units only descriptive_statistics_payment.R - Create tables/graphs for the payment arrangement programme - Note: this file also loads financial_assistance_info.RData descriptive_statistics_linc.R - Create tables/graphs for the financial assistance programme descriptive_statistics_did.R - Create tables for the difference-in-differences exercise