Monthly Violent Crime Numbers in Denver 2016-2021

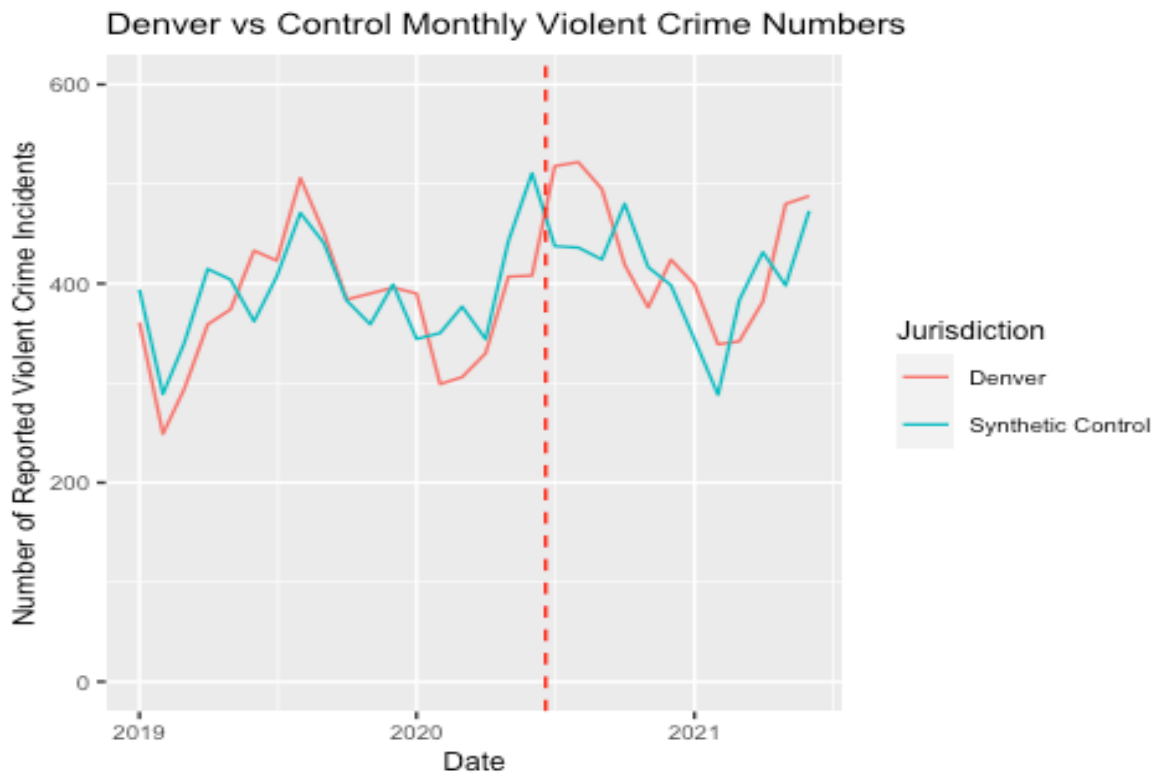Monthly Violent Crime Numbers in Colorado Springs 2016-2021

Monthly Violent Crime Numbers 2016-2021: Each bar represents the number of reported incidents in a single month. Red bars represent the months following the passage of the police accountability legislation in June 19, 2020. Data from June 20-30 is included in the month immediately preceding the red bars (June 2020). The black dotted line represents 10 reported violent incidents above the previous maximum number of offenses in a single month in the four years prior to legislation. Data was derived from the FBI,[1] CSPD,[2] and DPD.[3]

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[1]https://crime-data-explorer.app.cloud.gov/pages/explorer/crime/crime-trend
[2] https://policedata.coloradosprings.gov/Crime/Crimes-Against-People/ghs7-nqyk.
[3] https://www.denvergov.org/opendata/dataset/city-and-county-of-denver-crime.

Denver vs Control Monthly Violent Crime Numbers

Monthly Violent Crime Numbers in Denver Compared to Control 2019-2021: The red dashed line represents the passage of the police accountability legislation in June 19, 2020. The control continues to mostly track Denver violent crimes even after the passage of the police accountability law. The synthetic control model was created by culling data from American municipalities from 2011-2019 that had both UCR and American Community Survey census data. From there, the cities were filtered to only include cities greater than 50000 in population to identify roughly 500 similar jurisdictions to Denver. "Similar" cities were identified by analyzing the following factors: population size, single female-led family household percentage, high school graduate or higher percentage, percentage of the population who lived in the same house they lived in a year ago, percentage of the population who were over 18, percentage of the population who were white, percentage of the population who were self-employed, unemployment rate, median income, child poverty rate, and the percentage of housing units occupied by their owners.