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TRAFFIC STOP DATA ANALYSIS AND FINDINGS, 2021

FOR THE STATE OF RHODE ISLAND

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Disclaimer

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EXECUTIVE SUMMARY OF FINDINGS

This is the sixth analysis conducted by the Institute for Municipal and Regional Policy (IMRP) at the University of Connecticut (UConn)¹. The IMRP is particularly well-known for developing the technical framework of the "Connecticut Model," a pioneering approach designed to identify and mitigate racial and ethnic disparities in police traffic stops. Their approach has been adopted by multiple states, endorsed by advocacy organizations, and is nationally recognized as the gold standard approach for analyzing traffic stop data for evidence of disparate treatment. The influence of the Connecticut Model extends far beyond Connecticut's borders, significantly shaping the national discourse on police reform. As early as 2015, the authors of this report offered detailed guidance to states interested in enacting data collection laws, conducting analyses, and implementing similar interventions. To date, the research team has provided guidance and technical assistance to states including Alabama, California, Colorado, Maine, Maryland, Minnesota, Nevada, New Jersey, New York, Oregon, and Ohio. Additionally, the U.S. Department of Justice (DOJ) has integrated its analytical framework into its enforcement activities.

Our analysis focuses on reported Rhode Island traffic stop data from January 1, 2021, to December 31, 2021. We also present findings from a three-year aggregate analysis of stops reported between January 1, 2019, and December 31, 2021. Traffic stops were reported by 36 municipal police departments², the Rhode Island State Police, and the University of Rhode Island. In 2021, Rhode Island conducted approximately 206,000 traffic stops, with 64 percent involving White motorists, 20 percent involving Black motorists, and 14 percent involving Hispanic motorists. Over the three-year aggregate, Rhode Island reported over 602,000 traffic stops, with White motorists comprising 66 percent, Black motorists comprising 14 percent, and Hispanic motorists comprising 17 percent.

Traffic enforcement increased by more than 36 percent in 2021 compared to the previous year but remained 15 percent below the 2019 stop total. State police increased enforcement by 56 percent in 2021 compared to 2020, and municipal police increased enforcement by 30 percent. Notably, the proportion of non-White drivers stopped increased, rising from 30 percent in 2019 to 36 percent in 2021.

E.1: SUMMARY OF METHODS

For the past two decades, analyzing racial disparities in policing data has been a critical policy tool for evaluating the potential presence of racial and ethnic bias within various jurisdictions. This report presents a statistical assessment of policing data for Rhode Island to provide a clear, transparent, and unbiased evaluation. The report is structured to guide the reader through several analytical tests, each differing in assumptions and levels of scrutiny.

- **Solar Visibility Analysis:** Solar visibility analysis compares the rate at which White and non-White drivers are stopped during daylight to the rate at which they are stopped in darkness when it is harder for the officer to observe the driver's race. When there is a higher relative rate of non-White drivers stopped in daytime than in darkness, it indicates racial bias. This method is the most rigorous and conclusive method that could be applied to Rhode Island's traffic data.
- **Synthetic Control Analysis:** This method compares traffic stop data from individual police departments to a synthetic benchmark based on stops in other departments with similar

¹ The Institute for Municipal and Regional Policy was previously located at Central Connecticut State University.

² The New Shoreham and Warren Police Departments did not report traffic stop information during this period.

characteristics. The goal is to assess whether non-White motorists were disproportionately stopped in specific jurisdictions relative to expected stop rates.

- **Conditional Outcome Analysis:** This method examines each traffic stop conducted and then compares the outcomes of the stop between White and non-White drivers. Outcomes can include arrests and other discretionary law enforcement actions (searches, tickets, warnings, amount of time stopped). When there is a *different* rate of a specific outcome for non-White drivers compared to White drivers who were stopped under similar circumstances, it can indicate racial bias.
- **Search Hit Rate Analysis:** This method examines each traffic stop where a *search* is conducted and then compares the rates of contraband found between White and non-White drivers. “Contraband” is an illegal item, such as drugs, weapons, and stolen property. When there is a *lower* rate of contraband found for non-White drivers compared to White drivers who were stopped under similar circumstances, it can indicate racial bias.

We use this multi-test approach to safeguard against potential errors, reducing the possibility of (1) false positives- where a disparity is detected where none exists, and (2) false negatives- where a real disparity goes undetected. Each method has inherent drawbacks based on the volume and structure of the data available for this analysis. However, if we find consistent disparities across Rhode Island or within specific police departments, it indicates an area for researchers to investigate further to determine if the disparities result from specific policing practices that can be changed.

E.2: SUMMARY OF FINDINGS

Using the most rigorous method we could apply to the data, Solar Visibility Analysis, we found that, Non-White motorists (Black and Hispanic) are more likely to be stopped during daylight compared to darkness, indicating a statistically significant disparity. When using the Conditional Outcome Analysis to compare outcomes of traffic stops, such as arrests, tickets, and stop duration, we found Black and Hispanic motorists were more likely to be arrested, and traffic stops tended to last longer. Lastly, the Search Hit Rate Analysis revealed non-White motorists were less likely to have evidence found during a search compared to White motorists between 2019 and 2021.

All communities would benefit from an independent, routine review of their stop data. The participating police departments in Rhode Island should be commended for their commitment to this project and willingness to examine their data critically. Addressing racial and ethnic disparities requires a collective effort of all law enforcement and community stakeholders. An atmosphere of open-mindedness, empathy, and honesty from all stakeholders remains necessary to create sustained police legitimacy and a safer, more just society. The authors of this report are hopeful that the information contained herein will be valuable to the citizens of Rhode Island. We are both humbled and grateful for the opportunity to be part of this important effort.

Highlights from the Analysis

Solar Visibility Analysis:

Used to identify racial disparities in stops between daylight and darkness periods.

- o Non-White motorists (Black and Hispanic) are more likely to be stopped during daylight compared to darkness, indicating a statistically significant disparity.
- o In 2021, Black motorists were 1.4 percentage points (5.9 percent) more likely to be stopped during daylight, while Hispanic motorists were 0.2 percentage points (1.2 percent) more likely, with statistically significant differences observed for both groups.
- o Over the years analyzed (2019–2021), disparities remained consistent in magnitude and statistical significance, with the results holding up across multiple robustness tests.

- o In 2021, we identified two municipal agencies and one state police barrack with statistically significant disparities that survived the robustness tests. In these agencies, non-White motorists are more frequently stopped by police in daylight compared to darkness.

Synthetic Control Analysis:

This method compares traffic stop data from individual police departments to a synthetic benchmark based on stops in other departments with similar characteristics.

- o In 2021, we identified eight agencies where Black motorists were more likely to be stopped relative to their synthetic control. After correcting multiple comparisons, the disparities were statistically significant and unlikely to be false positive.
- o In 2021, four agencies were more likely to stop Hispanic motorists than their synthetic control. After correcting multiple comparisons, the disparities were statistically significant and unlikely to be false positive.

Search Hit-Rate Analysis:

Examined racial disparities in the likelihood of a discretionary search resulting in evidence being found.

- o Statewide, non-White motorists were less likely to have evidence found during a search compared to White motorists. For example, searches of Black motorists were 10.4 percentage points less likely to find contraband, while searches of Hispanic motorists were 11 percentage points less likely.
- o In 2021, we identified four municipal law enforcement agencies where police conducted searches of non-White individuals at disproportionately higher rates relative to their success in finding contraband, with each agency conducting at least 50 searches.

Conditional Outcome Analysis:

Investigated racial disparities in post-stop outcomes such as arrests and other discretionary enforcement actions (arrests, warnings, stop duration, non-safety related enforcement).

- o Black and Hispanic motorists were more likely to be arrested following a traffic stop compared to White motorists. For example, Black motorists were 33 percent more likely to be arrested in 2021, while Hispanic motorists were 37.5 percent more likely to be arrested.
- o Traffic stops involving Black and Hispanic motorists tended to last longer than those involving White motorists. Black motorists experienced stops 22 percent longer, and Hispanic motorists faced stops 19 percent longer.
- o In 2021, Black motorists were 31.3 percent more likely to be subjected to a discretionary search, and Hispanic motorists were 17.1 percent more likely.

We have previously sought to identify individual police agencies with statistically significant racial and ethnic disparities that warrant further analysis. Twelve police agencies underwent additional follow-up analysis for study periods from 2016 to 2019. The COVID-19 pandemic significantly impacted the volume of traffic stops reported in 2020, which was included in our three-year aggregate analysis. Additionally, the data is being analyzed almost three years after the end of the study period, and recent data trends provide a more appropriate barometer of department-level racial and ethnic disparities that warrant additional analysis. Considering the impacted 2020 data included in the three-year analysis, the availability of more recent data, and a statewide trend of decreasing disparities, we do not recommend further analysis of any departments based on this report.

I: METHODOLOGICAL APPROACH UNDERLYING THE ANALYSIS

Assessing racial disparities in policing data has been a crucial policy tool for the past two decades, helping to evaluate whether racial bias exists within a given jurisdiction. Although public support for the fair treatment of all races and ethnicities has long been widespread, recent national headlines have intensified this issue, sparking a heated debate over policing policy. The statistical evaluation of traffic stops by police in Rhode Island represents a significant step toward fostering transparent, data-driven dialogue between law enforcement and the public. The goal of this report is to present the results of that evaluation in a clear and unbiased manner.

This statistical analysis is guided by three key principles, which form the foundation of the research process and inform the selection of results to be shared with the public. Understanding these principles is crucial to interpreting the technical portions of the analysis. Presenting them at the outset gives readers the necessary context to understand the overall approach.

- Principle 1: Recognize that statistical evaluations can identify racial and ethnic disparities indicative of racial/ethnic bias and potentially discrimination, but without formal procedural investigations, they cannot alone be considered conclusive evidence.
- Principle 2: Adopt a holistic approach to assessing racial and ethnic disparities by utilizing a variety of methods grounded in well-established scholarly literature.
- Principle 3: Transparently outline the assumptions and limitations of each method, allowing policymakers and the public to make informed judgments based on each analysis.

The report is structured to guide readers through a range of descriptive and statistical tests, each differing in its assumptions and scrutiny levels. This multi-test approach serves as a safeguard against potential errors, mitigating the possibility of (1) false positives- where a disparity is detected and where none exists (Type I error) and (2) false negatives- where a real disparity goes undetected (Type II error). For the analysis, demographic groups were categorized into four overlapping classifications to ensure a sufficiently large sample size for statistical validity. Although much of the focus is on stops involving Black and Hispanic individuals, the analysis also considers aggregated groups of all non-White individuals. In individual tests, we annotate results that were found to be statistically significant at a confidence level exceeding 90 percent. However, we consider highly significant results to be those exceeding a 95 percent confidence level.

The analysis begins with the Solar Visibility analysis, a method developed by Grogger and Ridgeway (2006) to detect racial and ethnic disparities in stop data. This test focuses on stops occurring during the "inter-twilight window"—a fixed period each year where visibility fluctuates due to seasonal changes and daylight savings. It compares the ratio of non-White to White stops made in daylight versus darkness. The test assumes that if racial profiling occurs, troopers are more likely to act during daylight when race and ethnicity are easier to observe. By restricting the sample to this window and controlling for variables such as time of day and day of the week, any remaining differences in stop rates are attributed to potential disparate treatment. A higher likelihood of a non-White motorist having been stopped in daylight relative to darkness would indicate potential discriminatory behavior.

The second analytical tool used in the analysis is the synthetic control where the number of non-White traffic stops in a given department is evaluated against a benchmark constructed using stops made by all other departments in Rhode Island. Since departments differ in terms of their enforcement activity (i.e. time of stops, reason for stops, etc.) and the underlying demographics of the population on the roadway, this analysis relies on the rich statistical literature on propensity scores. Here, a propensity score is a measure of how similar a

stop made outside a given department is to a stop made by the department being analyzed. These measures of similarity are used to weight stops when constructing an individual benchmark for each department. For example, if the department being analyzed has a high non-White population and makes most of their stops on Friday nights at 7 p.m. for speeding violations, then stops made for speeding violations by departments with a similar residential population at this time and day will be given more weight when constructing the benchmark. This methodology ensures that there is an apples-to-apples comparison between the number of minorities stopped in any given town, relative to their benchmark and allows for the interpretation of any remaining differences to be attributed to possible disparate treatment.

Next, the analysis explores post-stop outcomes using the hit-rate approach developed by Knowles, Persico, and Todd (2001). This approach assumes that individuals adjust their likelihood of carrying contraband in response to the probability of being searched, while police troopers make search decisions based on visible indicators of guilt. According to the model, a demographic group should only be searched more frequently than White non-Hispanic individuals if its members are more likely to carry contraband. However, the higher search rate should correspond exactly to a higher propensity to carry contraband. In the absence of racial bias, the success rate of searches (i.e., the hit rate) should be equal across all demographic groups. A lower hit rate for non-White individuals relative to White individuals would indicate potential discriminatory behavior.

Finally, we examine disparities in traffic stop outcomes by analyzing the distribution of post-stop dispositions, conditional on race and the reason for the stop. Specifically, we test whether non-White individuals experience different outcomes compared to their White counterparts. In this section, we analyze differences in terms of arrests and precursors to an arrest, which we define as a discretionary search, vehicle exit, or field sobriety test. We condition a highly granular set of control variables to control for inherent differences that might necessitate a trooper engaging in discretionary post-stop enforcement. A higher rate of post-stop enforcement for non-White individuals relative to White individuals would indicate potential discriminatory behavior.

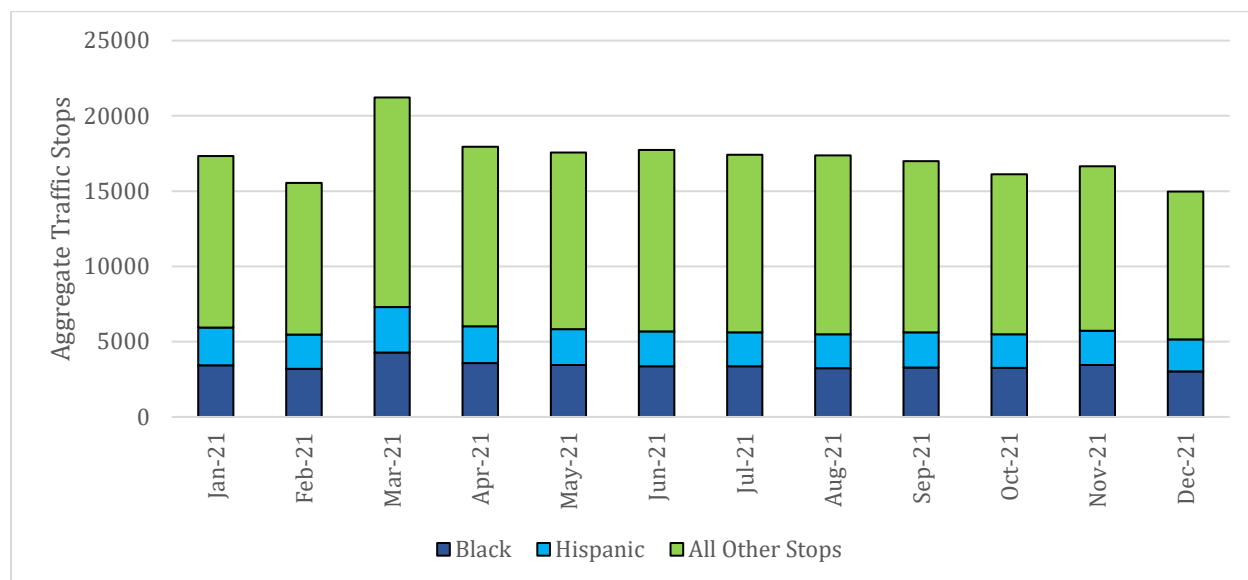
In summary, the analysis aims to identify statistically significant racial and ethnic disparities in traffic stop data. A variety of tests are applied to offer a comprehensive approach, incorporating lessons from both academic research and policy applications. Detailed explanations of each test's assumptions and mechanisms are provided to ensure policymakers and the public can assess the data and draw informed conclusions. Finally, we emphasize that these statistical tests can reveal racial and ethnic disparities indicative of racial/ethnic bias and potential discrimination, but without an additional procedural investigation, they cannot alone be considered conclusive evidence.

II: CHARACTERISTICS OF TRAFFIC STOP DATA

This section examines general patterns of traffic enforcement activities in Rhode Island for the study period of January 1, 2021, to December 31, 2021. Participation in this analysis was voluntary, and 36 municipal police departments, the Rhode Island State Police, and the University of Rhode Island participated³. This report only focuses on data reported from the participating agencies. Statewide information can be used to identify variations in traffic stop patterns to help law enforcement, and local communities understand more about traffic enforcement. Although some comparisons can be made between similar communities, we caution against comparing agencies' data in this report section. Please note that the tables in this report present information from only a limited number of departments. Complete tables for all agencies are included in technical appendix B.

In Rhode Island, more than 206,000 traffic stops were conducted during the 12-month study period. Over 76 percent of the total reported stops were conducted by the 36 municipal police departments, and the state police conducted 24 percent of the total stops. Traffic enforcement increased by more than 36 percent in 2021 compared to the previous year, but remained 15 percent below the 2019 stop total. State police increased enforcement by 56 percent in 2021 compared to 2020, and municipal police increased enforcement by 30 percent. Figure 2.1 shows the aggregate number of monthly traffic stops along with each demographic category.

Figure 2. 1: Aggregate Traffic Stops by Month of the Year



The number of reported traffic stops increased between 2016 and 2017, remained stable through 2018, and decreased slightly in 2019. It significantly decreased by 37 percent in 2020, clearly because of the COVID-19 pandemic. There was a significant increase in enforcement in 2021, but the stop totals remained below pre-pandemic levels. Figure 2.2 shows the total number of traffic stops by year since the start of the project.

³ Data was not provided for the Department of Environmental Management and Warren Police departments.

Figure 2. 2: Number of traffic stops, 2016-21

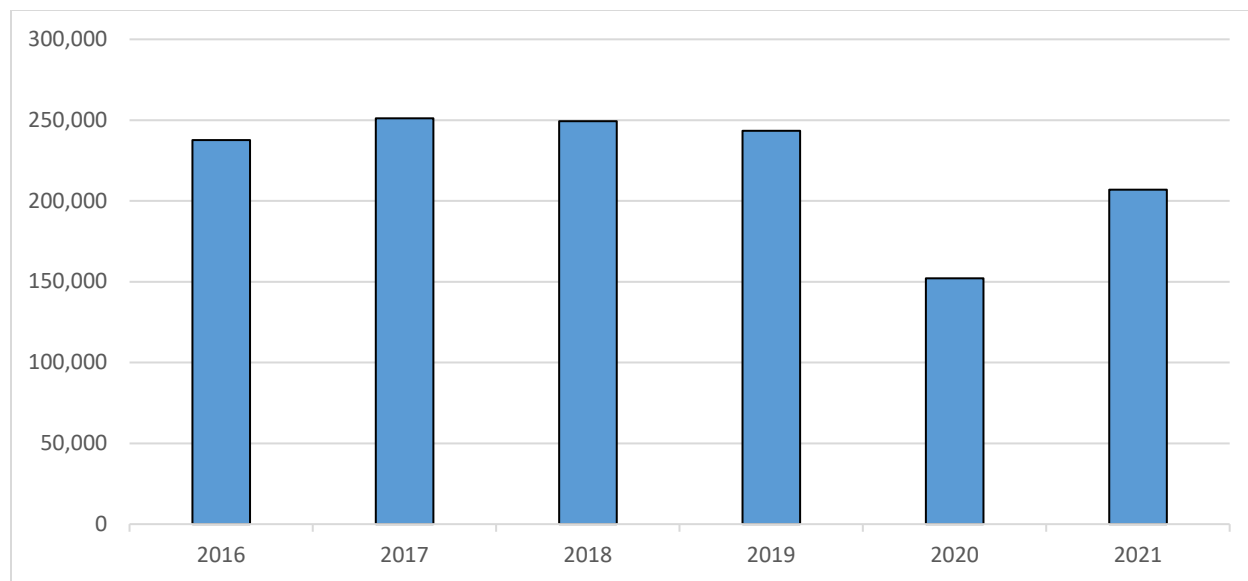


Figure 2.3 displays traffic stops by time of day for the analysis period. As can be seen from the figure, the total volume of traffic stops fluctuates significantly across different times of the day. The highest hourly volume of traffic stops in the sample occurred from midnight to one in the morning and accounted for 6.8 percent of all stops. Traffic enforcement also increased between nine and eleven in the morning and four to six in the evening. These three peaks likely reflect the general deployment of departmental resources during these times and a lower volume of calls for service.

Figure 2. 3: Aggregate Traffic Stops by Time of Day

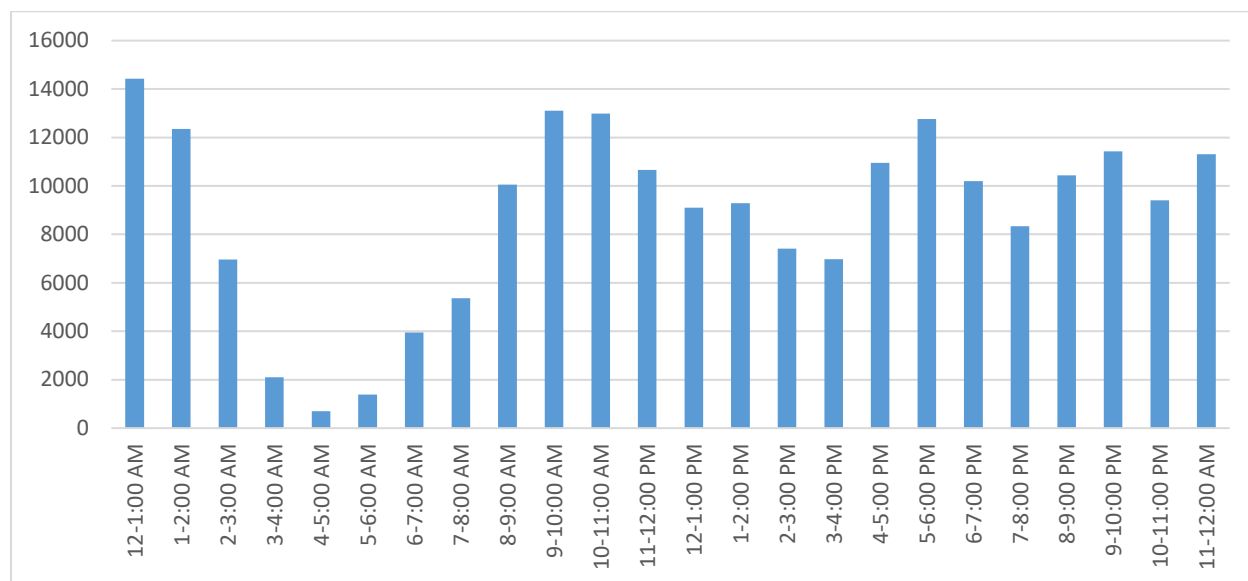


Figure 2.4 displays traffic stops by day of the week for the analysis period. This figure shows that traffic stops increase throughout the week and peak on Wednesdays. Traffic stops decline on the weekends, with the smallest number occurring on Sundays. This decline may be due to decreased traffic volume or department resource allocation changes. For example, many specialized units, such as a traffic unit, typically work on weekdays instead of weekend shifts.

Figure 2. 4: Traffic Stops by Day of Week

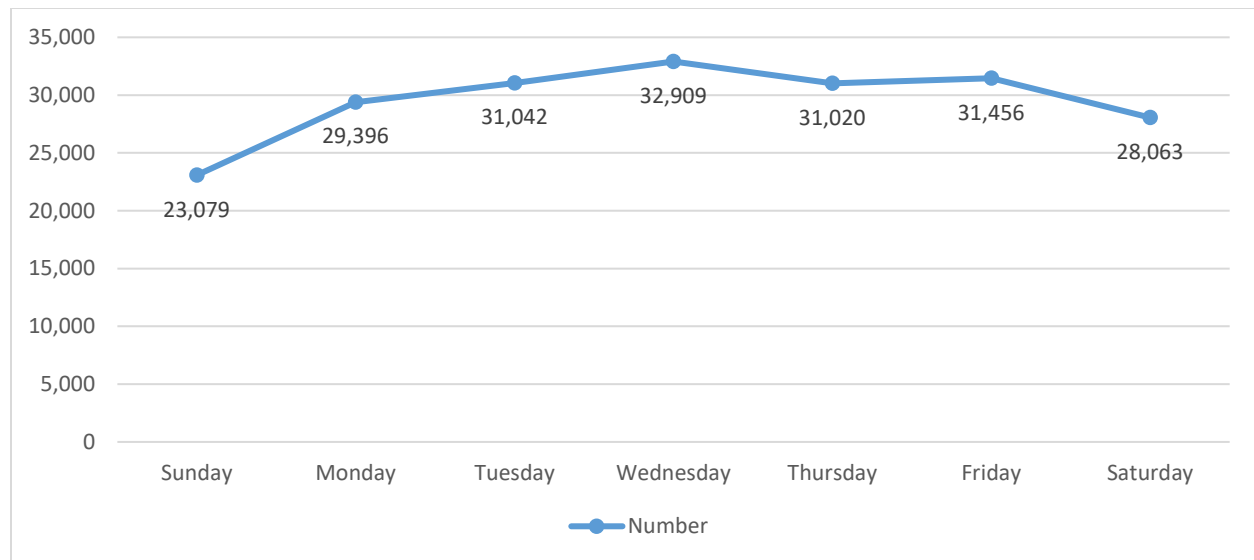
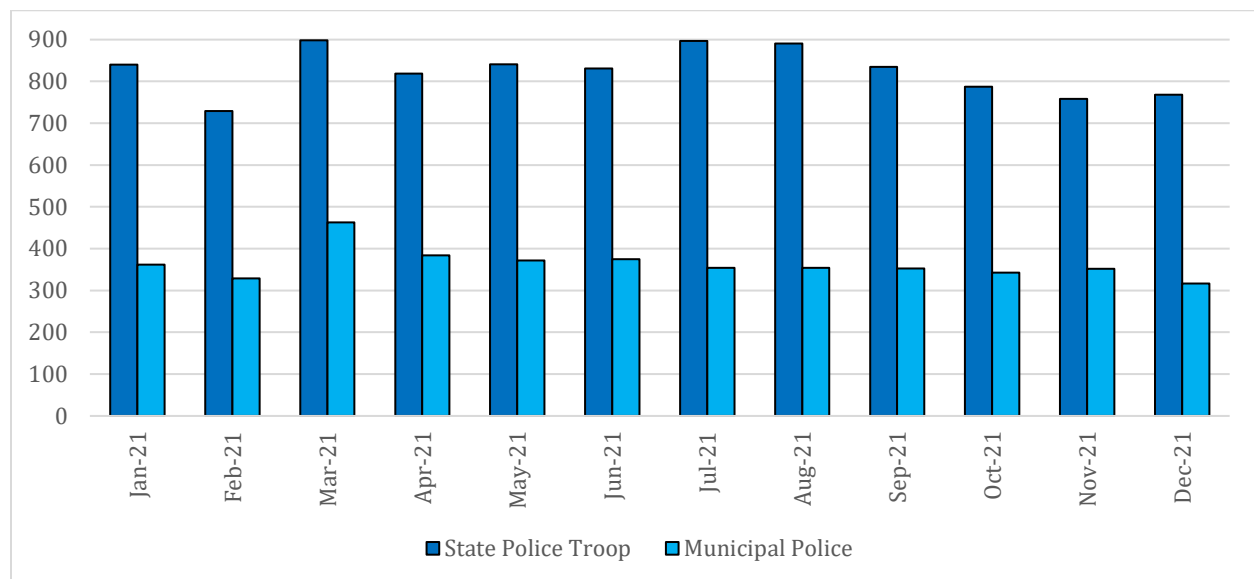


Figure 2.5 illustrates the average monthly traffic stop for municipal police agencies and the state police. The data shows municipal traffic stops are most significant in March, July, and August. This may be the result of increased participation in federally funded highway safety campaigns during those periods. The average number of stops for municipal departments ranges from 317 to 463 each month for each agency. State police traffic stops by barracks are stable each month and range from a low of 729 to a high of 898.

Figure 2. 5: Average Number of Traffic Stops by Month for Police Agencies



The level of and reason for traffic stop enforcement varies greatly across agencies throughout the state for several reasons. For example, some enforcement is targeted to prevent crashes in dangerous areas, combat increased criminal activity, or respond to complaints from citizens. Those agencies with active traffic units may produce a higher volume of traffic stops. The traffic stop rate per 1,000 residents in the population helps to compare the stop activity between agencies. There were 241 traffic stops for every 1,000 residents in Rhode Island. The five municipal police agencies with the highest stop rate per 1,000 residents are Portsmouth, Narragansett, Jamestown, North Smithfield, and Cranston. Conversely, Providence, Foster, Lincoln, West

Warwick, and Bristol have the lowest rate of stops per 1,000 residents. Table 2.1 shows the distribution of stops for the highest and lowest level of enforcement per 1,000 residents for police agencies.

Table 2. 1: Municipal Police, Highest and Lowest Rates of Traffic Stops

Town Name	16+ Population*	Traffic Stops	Stops per 1,000 Residents
Rhode Island	857,232	206,965	241
Municipal Departments with the Highest Rate of Traffic Stops			
Portsmouth	13,947	8,776	629
Narragansett	13,937	6,587	473
Jamestown	4,533	1,901	419
North Smithfield	9,857	3,766	382
Cranston	66,140	25,083	379
Middletown	12,911	4,628	358
Little Compton	2,925	958	328
Charlestown	6,524	1,984	304
Glocester	7,963	2,316	291
Tiverton	13,168	3,690	280
Municipal Departments with the Lowest Rate of Traffic Stops			
Providence	141,451	4,653	33
Foster	3,790	182	48
Lincoln	16,995	839	49
West Warwick	24,051	1,338	56
Bristol	19,780	1,364	69
West Greenwich	4,854	464	96
Woonsocket	32,349	3,525	109
East Providence	39,050	4,763	122
Coventry	28,302	3,706	131
Richmond	6,080	837	138

* The population 16 years of age and older was obtained from the United States Census Bureau Decennial Census.

Table 2.2 presents basic demographic data on persons stopped in Rhode Island between January 1, 2021, and December 31, 2021. Nearly two-thirds (64.6 percent) of motorists stopped were male. Almost half (45.9 percent) of motorists stopped were under the age of 30, compared to 19 percent over 50. Most stops in Rhode

Island were White non-Hispanic motorists (64.3 percent); 19.7 percent were Black non-Hispanic motorists; 13.8 percent were Hispanic motorists; and 2.2 percent were all other races.

Table 2. 2: Statewide Driver Characteristics

Race and Ethnicity		Gender		Residency		Age	
White	64.3%	Male	64.6%	Resident	27.0%	16 to 20	12.8%
						21 to 30	33.1%
Black	19.7%					31 to 40	21.4%
						41 to 50	13.2%
Hispanic	13.8%	Female	35.4%	Non-Resident	73.0%	51 to 60	10.8%
						Older than 61	8.3%
Other	2.2%						

Table 2.3 presents data on the characteristics of the traffic stops in the state. Most traffic stops were made for a violation of motor vehicle laws (94 percent) instead of a stop made for investigatory purposes or motorist assistance. The most common violation drivers were stopped for was a speeding violation (35 percent). An undefined traffic violation was also a significant reason for stopping a driver, with 28 percent of all stops resulting from an undefined traffic violation. After a driver was stopped, over 38 percent were given a ticket, while most of the remaining drivers received a warning (54 percent). Statewide, less than 3 percent of traffic stops resulted in the arrest of a driver, and only 2.1 percent of stops resulted in a search being conducted.

Table 2. 3: Statewide Stop Characteristics

Reason for Stop		Basis for Stop	
Investigatory	5.0%	Speeding	34.6%
Violation	93.6%	APB	0.2%
Assist	1.4%	Call for Service	3.6%
Outcome of Stop		Equipment/Inspection Violation	18.2%
		Motorist Assist	0.7%
Citation	38.5%	Other Traffic Violation*	28.5%
Warning	53.9%	Registration Violation	7.7%
Notice and Demand	0.8%	Seatbelt Violation	4.3%
Arrest Driver	2.7%	Suspicious Person	1.0%
Arrest Passenger	0.2%	Violation of Ordinance	0.4%
No Action	3.9%	Warrant	0.1%
Search Conducted	2.1%	Special Detail/Directed Patrol	0.8%

*If a stop was made for a reason other than one of the eight categories listed as the basis for the stops, it is recorded as “other traffic violation.” Some examples of stops that might be recorded as “other traffic violations” include traffic light or stop sign violations.

In addition to the difference in the volume of traffic stops across communities, agencies stopped motorists for several reasons. Those reasons are identified in 12 categories, from speeding to registration and seatbelt violations. Speeding violations were the most often cited reason for stopping a motor vehicle. Statewide, 34 percent of all motorists were stopped for speeding. The average municipal police department stop for speeding violations was 43 percent compared to the state police average of 45 percent. In 13 departments, more than 50 percent of traffic stops were due to speeding violations. On the other hand, seven departments stopped motorists for speeding less than 20 percent of the time. Table 2.4 presents the top 10 departments with the highest percentage of stops for speeding violations.

Table 2. 4: Highest Speeding Violation Rates across Top Departments

Department Name	Total Stops	Speeding Violation
Foster	182	81.9%
Glocester	2,316	76.4%
Charlestown	1,984	71.7%
Hopkinton	1,824	71.2%
Richmond	837	68.2%
West Greenwich	464	67.2%
RISP - Portsmouth	754	66.8%
Burrillville	2,938	64.7%
Scituate	2,071	63.5%
Jamestown	1,901	57.8%

Other traffic violations are the next largest category cited as the reason for stopping a motor vehicle in Rhode Island. Although it is unclear what the specific “other” violation is, if a stop was made for a reason other than one of the eleven categories listed as the basis for the stop, it is recorded as an “other traffic violation.” For example, this can include stops for traffic light violations or stop sign violations. Table 2.5 shows the top 10 departments where other traffic violations (as a percentage of all stops) were the most common reason for the traffic stop.

Table 2. 5: Highest Other Traffic Violation Stop Rates across Top Departments

Department Name	Total Stops	Other Traffic Violations
Central Falls	2,680	53.2%
Providence	4,653	47.2%
Bristol	1,364	44.8%
Newport	3,821	42.5%
Cranston	25,083	37.3%
North Providence	4,406	36.4%
West Warwick	1,338	36.0%
Warwick	12,803	35.5%
Woonsocket	3,525	33.8%
Pawtucket	10,677	31.3%

Some communities have expressed concern about the stops for violations perceived as more discretionary, potentially making the driver more susceptible to possible police bias. Those stops are typically referred to as pretext stops. They might include stops for defective lights, excessive window tint, or a display of plate violation, each of which, though a possible violation of state law, leaves the police officer with more discretion concerning making the stop. Equipment and inspection-related violations were the third most common reason for stopping a vehicle. A statewide combined average for stopping a motorist for an equipment or inspection violation is 18.2 percent. Fourteen police departments exceeded the statewide average. Table 2.6 presents the top 10 departments with the highest percentage of stops for equipment or inspection violations.

In communities with a higher proportion of stops due to these violations, it is recommended that the departments be proactive in discussing the reasons for these stops with community members and examine whether such stops produce disparate enforcement patterns.

Table 2. 6: Highest Equipment/Inspection Violation Rates across Top Departments

Department Name	Total Stops	Equipment/Inspection Violations
East Providence	4,763	37.6%
North Providence	4,406	30.4%
Cranston	25,083	29.7%
North Smithfield	3,766	29.2%
Cumberland	6,529	27.3%
Newport	3,821	26.3%
Portsmouth	8,776	23.8%
Pawtucket	10,677	23.4%
East Greenwich	1,752	22.8%
RISP – Scituate	6,948	20.8%

Many have argued that it is difficult for police to determine the defining characteristics of a driver before stopping and approaching the vehicle. Similar to variations found across departments for the reason for the traffic stop, some variations occur with the outcome of the stop. These variations illustrate the influence that local police departments have on enforcing state traffic laws. Some communities may view infraction tickets as the best method to increase traffic safety, while others may consider warnings more effective. This analysis should help police departments and local communities understand their level and type of traffic enforcement compared to other communities.

More than half of all motorists stopped in Rhode Island received a warning, while 38 percent received a citation. Individual jurisdictions varied in their post-stop enforcement actions. The Portsmouth Barracks of the Rhode Island State Police (RISP) issued infraction tickets in 82 percent of all traffic stops, the highest in the state. The Portsmouth municipal police department only issued infraction tickets in 11 percent of all traffic stops, the lowest rate in the state. Table 2.7 presents the highest infraction rates across the top ten departments.

Table 2. 7: Highest Citation Rates across Top Departments

Department Name	Total Stops	Citations Issued
RISP – Portsmouth	754	82.5%
Johnston	4,965	76.3%
RISP – Wickford	10,794	71.1%
RISP – Hope Valley	9,593	64.0%
Foster	182	63.7%
RISP – Lincoln	21,388	60.1%
Smithfield	4,320	57.8%
Scituate	2,071	57.4%
RISP – Scituate	6,948	57.2%
North Providence	4,406	56.7%

On the other hand, Newport issued warnings 84 percent of the time (the highest rate), and the Portsmouth Barracks of the RISP issued warnings 13 percent (the lowest rate). Table 2.8 presents the highest warning rates across all departments.

Table 2. 8: Highest Warning Rates across All Departments

Department Name	Total Stops	Warnings Issued
Newport	3,821	84.4%

Department Name	Total Stops	Warnings Issued
Portsmouth	8,776	83.0%
Charlestown	1,984	80.8%
Little Compton	958	79.9%
Middletown	4,628	74.2%
Barrington	1,828	73.7%
Coventry	3,706	73.5%
Burrillville	2,938	72.7%
Bristol	1,364	72.3%
Cranston	25,083	72.2%

Statewide, less than 3 percent of all traffic stops resulted in the arrest of a driver or passenger. As with infraction tickets and warnings, departments varied in the percentage of arrests associated with traffic stops. The Woonsocket Police Department arrested the most people as a result of a traffic stop, with 9 percent of all stops resulting in an arrest. Table 2.9 presents the highest arrest rates across all departments.

Table 2. 9: Highest Arrest Rates across All Departments

Department Name	Total Stops	Arrests
Woonsocket	3,525	9.0%
Cumberland	6,529	7.5%
North Smithfield	3,766	6.5%
West Warwick	1,338	6.4%
Tiverton	3,690	6.4%
Providence	4,653	6.3%
Warwick	12,803	4.9%
Narragansett	6,587	4.3%
Portsmouth	8,776	4.0%
South Kingstown	5,432	3.9%

During the study period, only 2.1 percent of all traffic stops resulted in a search. Although searches are rare in Rhode Island, they vary across jurisdictions, and the data provides information about enforcement activity throughout the state. Eighteen departments exceeded the statewide average, but the highest percentage was found in Providence (9.9 percent). Table 2.10 presents the highest search rates across all departments. The information presented below is descriptive, and Chapter 5 presents a statistical evaluation of search data.

Table 2. 10: Highest Search Rate across All Departments

Department Name	Total Searches	Resulted in Search
Providence	462	9.9%
Woonsocket	304	8.6%
Tiverton	232	6.3%
East Providence	284	6.0%
Westerly	277	5.4%
North Smithfield	189	5.0%
West Greenwich	23	5.0%
Newport	170	4.4%
Middletown	192	4.1%
Little Compton	32	3.3%

III: ANALYSIS OF TRAFFIC STOPS, SOLAR VISIBILITY

The solar visibility analysis utilizes seasonal variations in sunset timings to investigate racial and ethnic disparities in police traffic stops. This method hinges on the assumption that police officers are slightly better at identifying the race and ethnicity of individuals during daylight compared to darkness (Grogger and Ridgeway 2006; Ridgeway 2009; Horace and Rohlin 2020; Kalinowski et al. 2018, 2022a, 2022b).⁴ The analysis leverages both seasonal changes in sunset times and the discrete shift caused by daylight savings time to compare stops made at the same clock time in both darkness and daylight. Unlike population-based benchmarks, this methodology does not require assumptions about the underlying risk set of individuals on the road. Instead, it presumes that the composition of individuals does not vary in response to visibility changes.⁵ By comparing the racial composition of stops in darkness to those in daylight within a fixed window where sunset timing varies throughout the year, we can use stops made in darkness as a counterfactual for those made in daylight when officers can better observe individuals' race.

The solar visibility test specifically examines whether there are statistically significant disparities in the likelihood of stopping non-White individuals during daylight compared to darkness. As detailed in the Appendix, Grogger and Ridgeway (2006) demonstrate that under certain conditions, the odds ratio of stopping a non-White individual in daylight versus darkness is equivalent to the odds ratio of a non-White individual being stopped during daylight versus darkness. Practically, this assumes that variations in travel and enforcement patterns (excluding discrimination) do not change differentially by race in response to daylight. To meet these conditions, the estimates are adjusted for the time and day of the week. Additionally, to account for inherent differences between daylight and darkness, the sample is restricted to the inter-twilight window—a period during the day when solar visibility varies throughout the year (i.e., between the earliest eastern sunset and the latest western end of civil twilight). Conveniently, this window overlaps with the evening commute, when the risk set of individuals is less likely to be affected by seasonal variation.

III.A: AGGREGATE SOLAR VISIBILITY BY YEAR

Figure 3.1 reports the results of applying the solar visibility test to each of the three years between January 2019 and December 2021. We use ordinary least squares to regress a binary indicator variable of race/ethnicity on daylight and controls for hour, day of the week, and year. The reference group across all specifications is held constant and consists of stops made of White individuals. We cluster standard errors by day of the week by hour by agency.

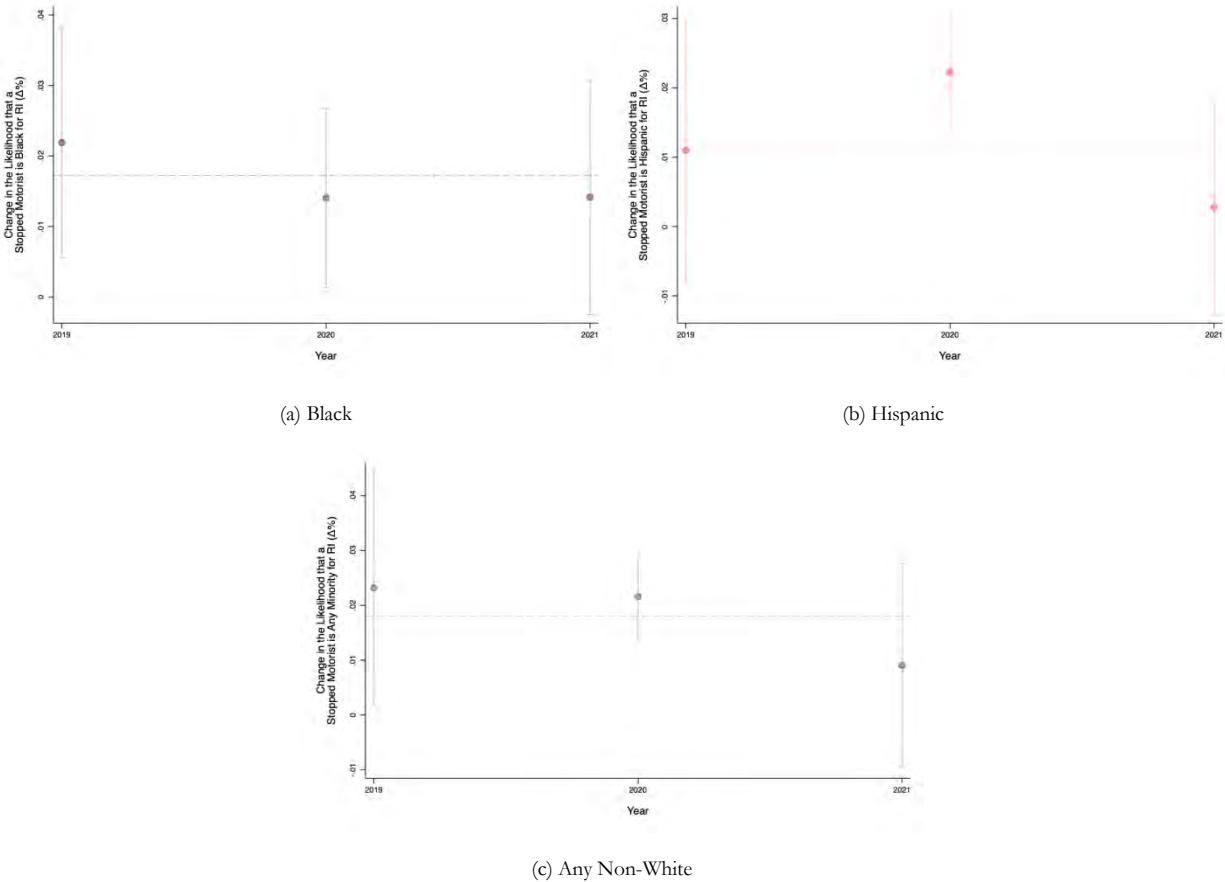
In panel (a), we report estimates of changes in the likelihood that a Black individual will be stopped in daylight relative to darkness. In 2021, we estimated a statistically insignificant ($p = 0.171$) and positive change ($b = 1.4$ percentage points or 5.9 percent) in the likelihood of a Black individual being stopped in daylight. In panel (b), we estimate a statistically significant ($p = 0.009$) and small positive change ($b = 0.2$ percentage points or 1.2

⁴ Statewide multi-agency studies relying on the VOD include Connecticut (Ross et al. 2015, 2016, 2017a, 2017b, 2018, 2019a, 2019b, 2020, 2021, 2022), Rhode Island (Ross et al. 2019, 2020, 2021), California (Sanchagrin et al. 2019, 2020, 2021), Oregon (Oregon DOJ dashboard), and Massachusetts (Salem State 2020, 2022, Ross 2023). Agency-specific studies relying on the VOD include in Oakland, CA (Grogger and Ridgeway 2006); Cincinnati, OH (Ridgeway 2009); Minneapolis, MN (Ritter and Bael 2009 and Ritter 2017); Syracuse, NY (Worden, McLean, and Wheeler 2010, 2012; Horace and Rohlin 2016); Portland, OR (Renauer, Henning, and Covelli 2009); Durham Greensboro, Raleigh, and Fayetteville, North Carolina (Taniguchi et al. 2016a, 2016b, 2016c, 2016d); New Orleans, LA (Asher 2016); San Diego, CA (Chanin et al. 2016); Corvallis PD (Criminal Justice Policy Research Institute 2017); Columbia, MO (Milyo 2017); San Jose, CA (Smith et al. 2017); Maricopa, AZ (Wallace et al. 2017); Portland, ME (McDevitt et al. 2023); Douglas Co, KS (McDevitt et al. 2023); Tennessee State Police (Kalinowski et al. 2023); Texas Highway Patrol (Kalinowski et al. 2023, Mello et al. 2024); Massachusetts State Police (Kalinowski et al. 2023); and New Jersey State Police (Ross 2023). There has also been a highly cited national application of Veil of Darkness on 100 million traffic stops from 21 state patrol agencies and 35 municipal police departments published in *Nature Human Behavior* (Pierson et al. 2020).

⁵ Note that this assumption allows for differential rates of traffic stops to exist across races and the potential for differences in guilt and driving behavior.

percent) in the likelihood of a Hispanic individual being stopped in daylight, which suggests potential disparate treatment. In panel (c), we estimate a significant ($p = 0.006$) and positive change ($b = 1.4$ percentage points or 2.5 percent) in the likelihood of any non-White driver being stopped in daylight, which also suggests potential disparate treatment. Results for 2019 and 2020 are comparable in magnitude and statistical significance, if not more precise and larger. The results are similar for a subsample consisting of only state police and municipal policing agencies. Appendix Table C.1 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 3. 1: Aggregate Solar Visibility Analysis by Year

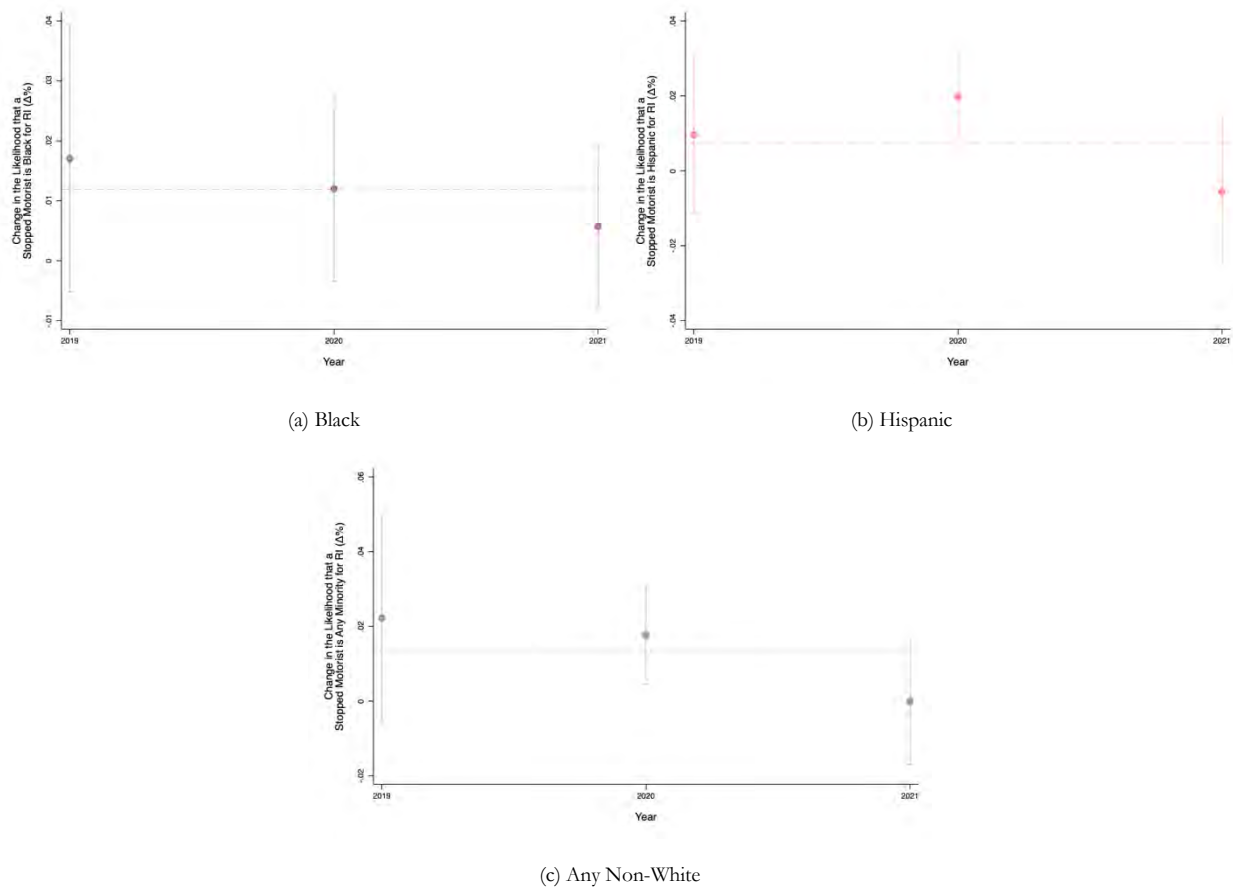


Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year and 15-minute time interval by year level.

The main estimates in Figure 3.1 may be biased due to certain types of endogenous violations—those correlated with visibility and race/ethnicity through socio-economic factors (e.g., lighting, cellphone, and seatbelt violations).⁶ In Figure 3.2, we estimate the solar visibility test on a restricted subsample that excludes stops made for possibly endogenous violations. However, we note that the stop data lacks detailed information regarding the reasons for the stop, which limits our ability to fully enforce this sample restriction. Generally, the results from this more restrictive subsample are consistent with the main estimates. Appendix Table C.2 provides detailed statistics associated with the results, disaggregated by agency type.

⁶ The subsample excludes equipment-related violations, including offenses related to brakes, mirrors, speedometers, lights, seatbelts, helmets, license plates, windows, windshields, tires, bumpers, cell phones, and other distractions.

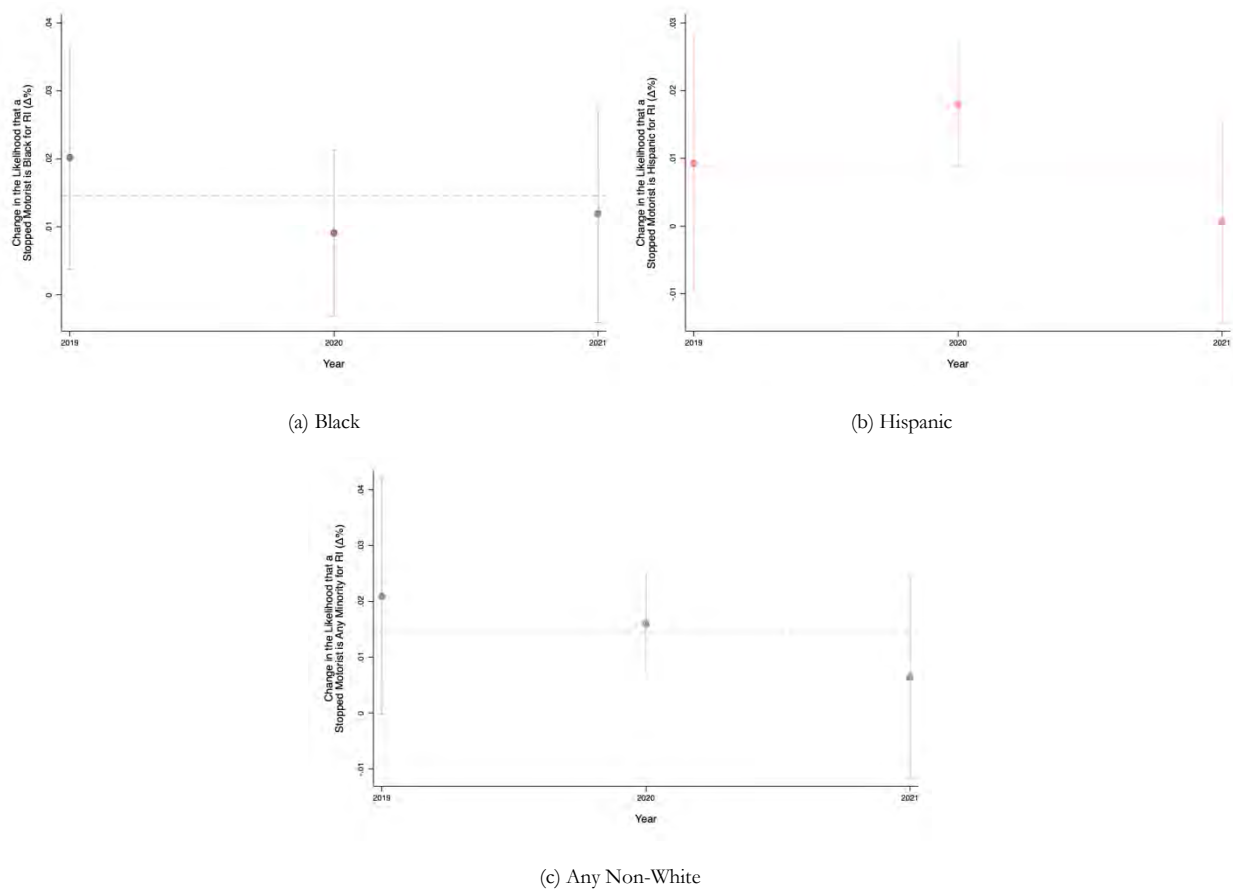
Figure 3. 2: Robustness Test Excluding Endogenous Violations by Year



Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year and 15-minute time interval by year level.

Another potential source of bias in the main estimates presented in Figure 3.1 is a violation of the assumption that individuals' underlying relative risk set remains unchanged with variations in visibility. Since we do not have data on the underlying driving population, we are unable to test for balance in individual attributes between daylight and darkness. To address this concern and the data limitation, we assume a balance failure and control for individual attributes (i.e., gender and age) in our primary model. As shown in Figure 3.3, the results are very similar to those presented above, suggesting that any imbalance is not driving the main results. Appendix Table C.3 provides detailed statistics associated with the results, disaggregated by agency type.

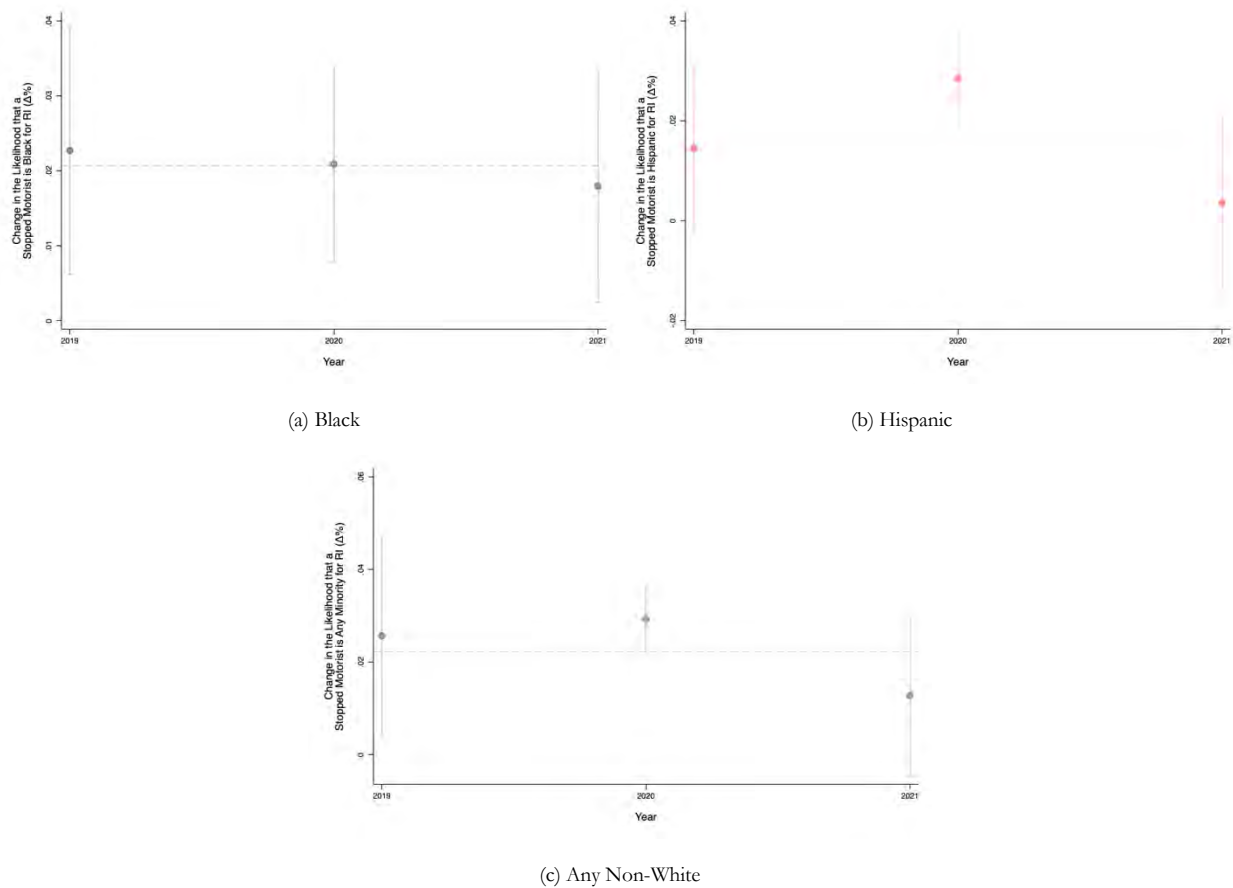
Figure 3. 3: Robustness Test with Controls for Individual Characteristics by Year



Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year and 15-minute time interval by year level.

Another concern regarding robustness is the possibility that the main estimates in Figure 3.1 are affected by unobserved variable bias related to specific officer duties, shifts, and patrol areas. Since officers differ across several dimensions not captured by our main set of control variables, these unobserved factors may confound our main estimates. To address this issue, we estimate a model that includes officer-fixed effects. As shown in Figure 3.4, the estimates remain generally consistent with our main estimates in both magnitude and statistical significance. Appendix Table C.4 contains detailed statistics associated with the results, disaggregated by agency type.

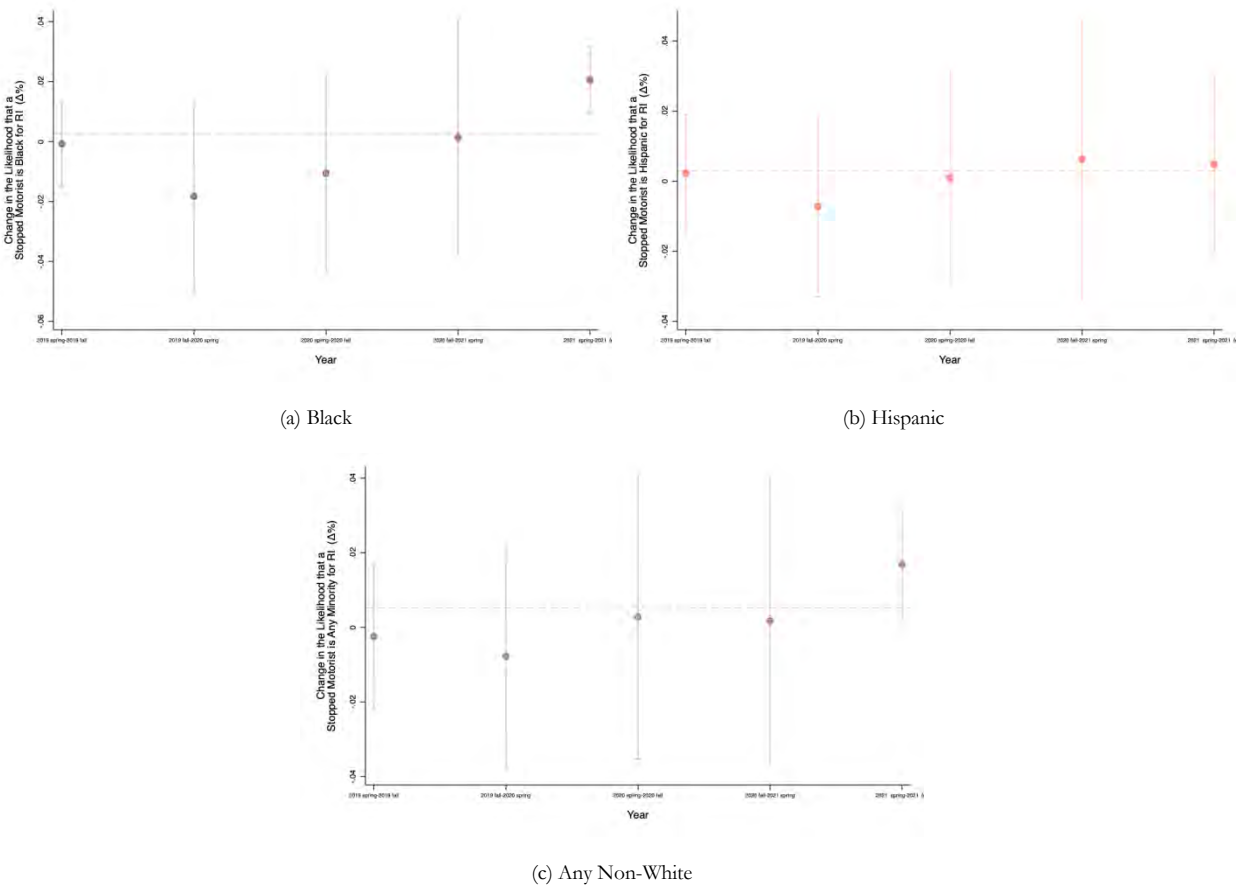
Figure 3. 4: Robustness Test with Officer Fixed Effects by Year



Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year and 15-minute time interval by year level.

A fourth and final concern regarding robustness is the possibility that the main estimates in Figure 3.1 are influenced by seasonal variation in the driving population. This concern arises because the identifying variation in our main estimates is driven by both seasonal changes in sunset timing and the discrete daylight savings time shift. To address this, we isolate a narrow time window—21 days before and after the spring and fall daylight savings time shifts. Instead of using an indicator of daylight, we regress race on an indicator of the period with more daylight, i.e., after the spring and before the fall daylight savings time shift. As shown in Figure 3.5, the estimates are qualitatively similar to our main estimates but are considerably noisy. Appendix Table C.5 provides detailed statistics associated with the results, disaggregated by agency type.

Figure 3. 5: Robustness Test with Daylight Savings Time by Year



Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year and 15-minute time interval by year level.

III.B: SOLAR VISIBILITY ANALYSIS BY AGENCY

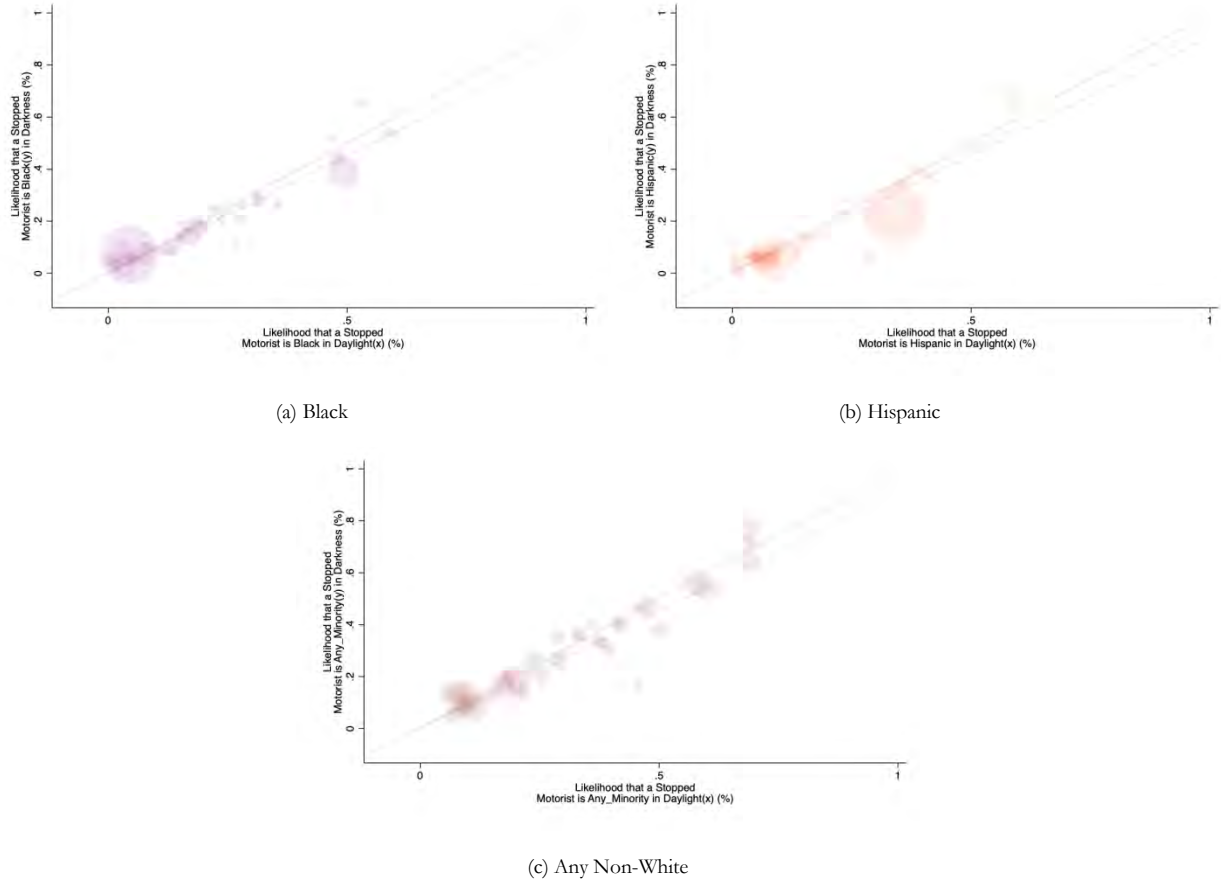
Figure 3.6 examines heterogeneity across departments in 2021. The vertical axis represents the predicted probability that a traffic stop involved a non-White motorist during darkness, while the horizontal axis represents the same probability during daylight. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a Black motorist is stopped in daylight relative to darkness. In total, we identified 22 agencies with a higher likelihood of stopping these motorists in daylight; however, only six agencies estimated a confidence level of 95 percent or higher, and two of those agencies had a false discovery rate below 10 percent. In panel (b), we found 19 agencies with a higher likelihood of stopping Hispanic motorists in daylight. Still, only five agencies estimated a confidence level of 95 percent or higher, with three having a false discovery rate below 10 percent. In panel (c), we found 20 agencies with a higher likelihood of stopping non-White motorists in daylight, but only five agencies estimated a confidence level of 95 percent or higher, and

only 1 of those agencies had a false discovery rate below 10 percent. Appendix Tables C.6-C.10 contain detailed statistics associated with the results for each agency.⁷

In the 2021 traffic stop data, we identify three agencies, including North Providence (Black), Pawtucket (Hispanic), and RISP Hope Valley (Hispanic). In these agencies, non-White individuals are more frequently stopped by police during times of the day when their race or ethnicity is more easily observed, and before the stop. While these results do not necessarily indicate racial bias, they suggest that the stop patterns of these agencies may result in unequal outcomes, even if they initially appear to be race-neutral.

Figure 3. 6: Solar Visibility Analysis by Agency, 2021



Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The statistical precision of the hypothesis tests was calculated with standard errors clustered at the badge by year and 15-minute time interval by year level. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

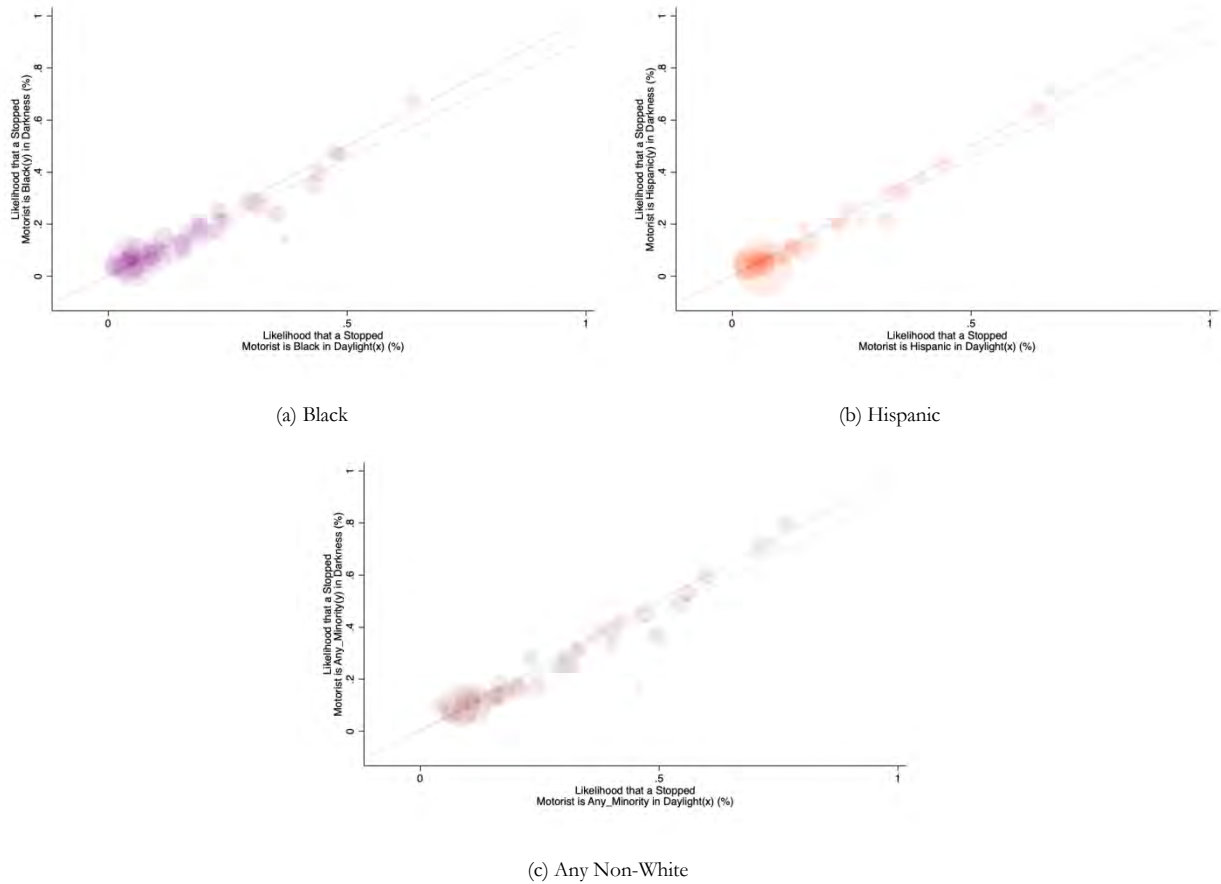
Figure 3.7 examines heterogeneity across departments during the combined period from 2019 to 2021. As before, the vertical axis represents the predicted probability that a traffic stop involved a non-White motorist during darkness, while the horizontal axis represents the same probability during daylight. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

⁷ Note that we include agencies that show up on the robustness check focusing on moving violations but not the main estimates and we exclude the robustness test examining only daylight savings time because of the exceedingly small sample size.

In panel (a), we plot the likelihood that a Black motorist is stopped in daylight relative to darkness. In total, we identified 26 agencies with a higher likelihood of stopping these motorists in daylight; however, only nine agencies estimated a confidence level of 95 percent or higher, and six of those agencies had a false discovery rate below 10 percent. In panel (b), we found 29 agencies with a higher likelihood of stopping Hispanic motorists in daylight, but only eight agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. In panel (c), we found 27 agencies with a higher likelihood of stopping non-White motorists in daylight, but only eight agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. Appendix Tables C.6-C.10 contain detailed statistics associated with each agency's results.

Focusing only on the estimates of Black and Hispanic motorists and including only agencies that survive the robustness tests described in the prior section, we identified eight municipal agencies and two state police barracks in the traffic stop data from 2019 to 2021.⁸ These agencies include Burrillville (Hispanic); Charlestown (Black); East Providence (Black); North Providence (Black); Richmond (Hispanic); Smithfield (Hispanic); Tiverton (Black); Westerly (Black); RISP Portsmouth (Hispanic); and RISP Hope Valley (Black). In these agencies, non-White individuals are more frequently stopped by police during times of the day when their race or ethnicity is more easily observed and before the stop. While these results do not necessarily indicate racial bias, they suggest that the stop patterns of these agencies may result in unequal outcomes, even if they initially appear to be race-neutral.

Figure 3. 7: Solar Visibility Analysis by Agency, 2019 to 2021



⁸ Note that we include agencies that show up on the robustness check focusing on moving violations but not the main estimates and we exclude the robustness test examining only daylight savings time because of the exceedingly small sample size.

Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The statistical precision of the hypothesis tests were calculated with standard errors clustered at the badge by year and 15-minute time interval by year level. The size of the markers are scaled by the associated t-statistic and the 45-degree line represents equal treatment.

IV: ANALYSIS OF TRAFFIC STOPS, SYNTHETIC CONTROL

Traditional approaches that rely on population-based benchmarks to evaluate policing data must make a variety of very strong assumptions about the underlying risk set of motorists. Despite their flaws, these approaches are intuitively appealing because they offer tangible, easily interpreted measures of potential discrimination. This section presents the results of a synthetic control analysis with the same intuition as traditional population-based benchmarks or relative rate/disparity indices but remains grounded in rigorous statistical theory. A synthetic control is a unique benchmark constructed for each department using various stop-specific and town-level demographic characteristics as captured through inverse propensity score weighting. The synthetic control is then used to assess the effect of treatment on an outcome variable(s), and in this case, the probability that a non-White motorist is involved in a police traffic stop.⁹

Put simply, departments differ in enforcement activity (i.e., the timing of stops and types of violations, etc.) and the underlying demographics of the population on the roadway. This analysis accounts for these differences by estimating a measure of similarity called a propensity score. Here, a propensity score measures how similar a stop made outside a given department is to a stop made by the analyzed department. These measures of similarity are used to weight stops when constructing an individual benchmark for each department. For example, if the department being analyzed has a high non-White population and makes most of their stops on Friday nights at 7 p.m. for speeding violations, then stops made for speeding by departments with a similar residential population at this time and day will be given more weight when constructing the benchmark. This methodology ensures an apples-to-apples comparison between the number of non-White motorists stopped in a given town relative to their benchmark and allows for the interpretation of any remaining differences attributed to possible disparate treatment.

Weighting the observations by the inverse of the propensity score ensures that the distribution of observable characteristics is consistent between the department of interest and the so-called “synthetic control.” As long as these observed variables fully capture selection into treatment, inverse propensity score weighting allows for an unbiased estimate of the effect of treatment on the outcome of interest. In the present context, constructing a synthetic control using inverse propensity score weights allows for assessing whether specific departments disproportionately stop non-White motorists. A detailed description of the mechanics underlining this methodology and the current application can be found in Appendix A.3. Generally speaking, the synthetic control approach follows a rich and extensive literature spanning the fields of statistics, economics, and public policy. The application of similar methodologies to policing data has recently entered the criminal justice literature through notable applications by McCaffrey et al. (2004), Ridgeway (2006), and Ridgeway and MacDonald (2009).

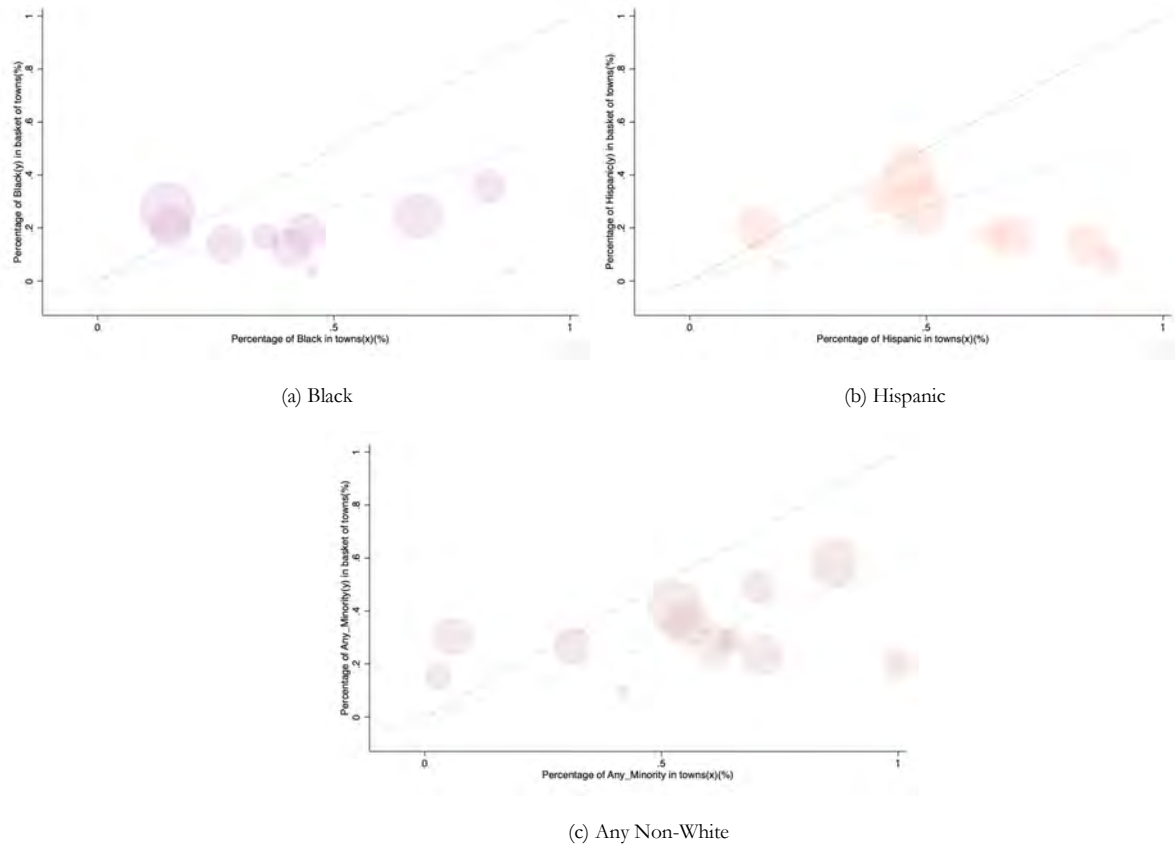
Figure 4.1 examines heterogeneity across departments during the combined period from 2019 to 2021. As before, the vertical axis represents the predicted probability that a traffic stop involved non-White motorists in a synthetic control, while the horizontal axis represents the same probability in the focal town. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

⁹ In the methodological discussion here and in the appendix, the details of the estimation procedure are presented as if a single treatment effect were estimated using a single outcome variable. However, the estimates were constructed for each municipal department using four different outcome variables for the minority groupings used throughout the report

In panel (a), we plot the likelihood that a Black motorist is stopped in a focal town relative to a synthetic control. In total, we found nine agencies with a higher likelihood of stopping these motorists in the focal town compared to their benchmark group, but only eight agencies estimated a confidence level of 95 percent or higher, and all eight had a false discovery rate below 10 percent. In panel (b), we found six agencies with a higher likelihood of stopping Hispanic motorists in the focal town compared to their benchmark group, but only four agencies estimated a confidence level of 95 percent or higher, and all four had a false discovery rate below 10 percent. In panel (c), we found 19 agencies with a higher likelihood of stopping any non-White motorists in the focal town compared to their benchmark group, but only eight agencies estimated a confidence level of 95 percent or higher, and seven of those agencies had a false discovery rate below 10 percent. Appendix Tables D.1-D.4 contain detailed statistics associated with the results for each agency.

Focusing only on the estimates for Black and Hispanic motorists and including only agencies that passed the robustness tests, we identified nine agencies in the 2021 traffic stop data. These agencies include Cranston (Black & Hispanic), East Providence (Black), Newport (Hispanic), North Providence (Black & Hispanic), North Smithfield (Black), Pawtucket (Black), Portsmouth (Black), Warwick (Black), and Woonsocket (Black & Hispanic). In these agencies, non-White individuals are more frequently stopped by police relative to their respective synthetic controls. While these results do not necessarily indicate racial bias, they suggest that the stop patterns of these agencies may result in unequal outcomes, even if they initially appear to be race-neutral.

Figure 4. 1: Synthetic Control Analysis by Agency, 2019 to 2021



Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for the focal town relative to the synthetic control. The unit of observation is a traffic stop. The statistical precision of the hypothesis tests were calculated with standard errors clustered at the badge by year and 15-minute time interval by year level. The size of the markers are scaled by the associated t-statistic and the 45-degree line represents equal treatment.

V. ANALYSIS OF DECISION TO SEARCH, HIT RATE TEST

This section presents the results of an analysis of post-stop outcomes using the hit-rate approach established by Knowles, Persico, and Todd (2001). The hit-rate approach is based on the idea that individuals adjust their likelihood of carrying contraband in response to their chances of being searched by police. Similarly, police officers decide whether to search an individual based on visible indicators of guilt and their expectations regarding the likelihood of finding contraband. According to this model, police should search a demographic group of individuals more frequently than Whites if that group is also more likely to carry contraband. However, the higher search rate should be proportional to that group's higher propensity to carry contraband. Thus, in the absence of racial bias, the rate of successful searches (i.e., the hit rate) should be equal across different demographic groups, regardless of their propensity to carry contraband.¹⁰

In this test, discrimination is indicated by a preference for searching non-White individuals, manifested as a statistically lower hit rate compared to White individuals. Technically, the model implies that the equilibrium search strategy, without group bias, will equalize the rate of contraband found relative to the total number of searches (i.e., the hit rate) across individual groups. In our study, we test for disparities in the rate of successful searches using a nonparametric test, the Pearson Chi-squared test. Our sample for this test includes only discretionary searches, which we define as pat-downs, consent searches, and probable cause searches. We exclude protective pat-downs and warrant searches, which are likely to occur as an incident to arrest. We also exclude a small number of stops coded as both pat-down (non-protective) and warrant searches.

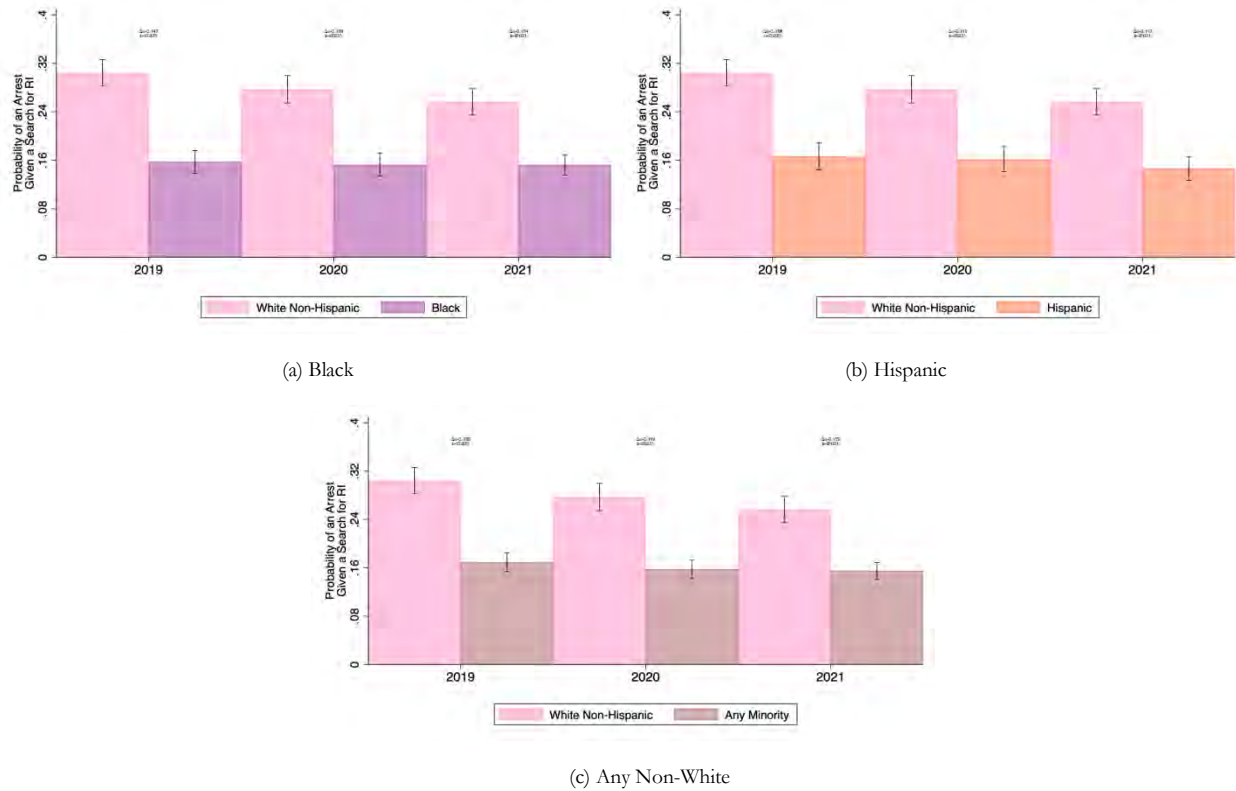
V.A: AGGREGATE HIT-RATE ANALYSIS BY YEAR

Figure 5.1 reports results from applying the search hit-rate test for 2019 to 2021. We use ordinary least squares to regress a binary indicator variable of contraband being found on an indicator for race/ethnicity, using a sample consisting of discretionary searches. The reference group across all specifications is held constant and consists of stops involving White individuals. We calculate standard errors using the Huber-White bias correction for robust variance.

In panel (a), we report estimates of the likelihood that a search of a Black individual yields contraband. In 2021, we estimated a significant ($p < 0.001$) lower contraband finding rate (-10.4 percentage points or -39.8 percent) for searched Black individuals. In panel (b), we estimate a significant ($p < 0.001$) lower contraband finding rate (-11 percentage points or -42.9 percent) for searched Hispanic individuals. In panel (c), we estimate a significant ($p < 0.001$) lower contraband finding rate (-10.2 percentage points or -39.8 percent) for searched non-White individuals. Appendix Tables E.1-E.3 contain detailed statistics associated with the results, disaggregated by agency type.

¹⁰ Although some criticism has risen concerning the technique and extensions have suggested that more disaggregated groupings of searches be used in the test, the ability to implement such improvements is limited by the small overall sample of searches in a single year of traffic stops. Despite these limitations, the hit-rate analysis is still widely applied in practice and contributes to the overall understanding of post-stop police behavior.

Figure 5. 1: Aggregate Hit-Rate Analysis by Year



Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator of evidence finding on an indicator for non-White status on a sample of discretionary searches. The unit of observation is a traffic stop, resulting in a discretionary search. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were calculated with Huber-White robust standard errors.

V.B: HIT-RATE ANALYSIS BY AGENCY

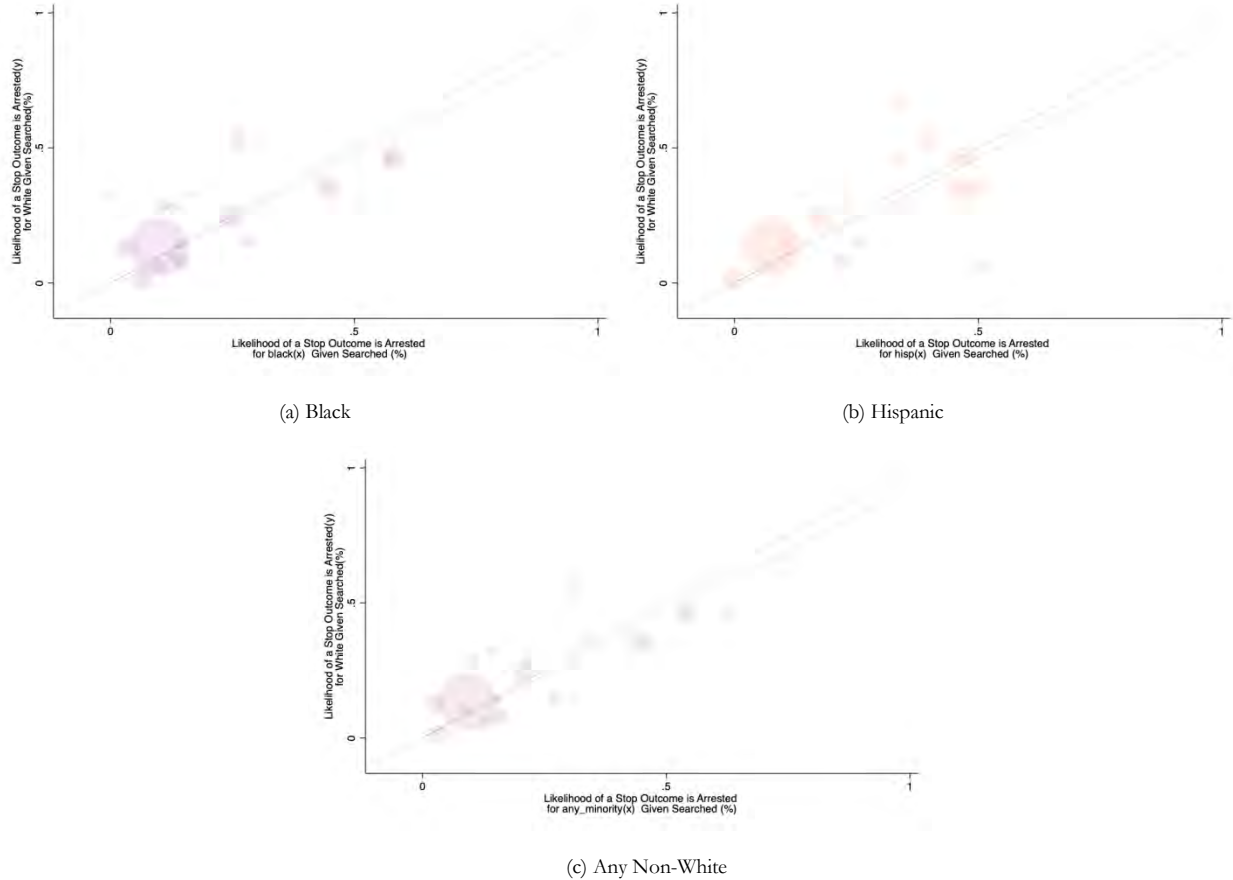
Figure 5.2 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a search of a White motorist yielded contraband, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between searches of non-White and White motorists.

In panel (a), we plot the likelihood that a search of a Black motorist yields contraband. In total, we found 15 agencies with a lower likelihood of a Black search yielding contraband, but only five agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. In panel (b), we found 18 agencies with a lower likelihood of a Hispanic search yielding contraband, but only four agencies estimated a confidence level of 95 percent or higher, and two of those agencies had a false discovery rate below 10 percent. In panel (c), we found 19 agencies with a lower likelihood of a non-White search yielding contraband, but only four agencies estimated a confidence level of 95 percent or higher, and three of those agencies had a false discovery rate below 10 percent. Appendix Tables E.4-E.9 contain detailed statistics associated with the results for each agency.

Focusing solely on the estimates for Black and Hispanic motorists, we identified five agencies in the 2021 traffic stop data, but only four had a sample size greater than 50. These agencies include Burrillville (Black), Hopkinton (Black & Hispanic), Newport (Hispanic), and South Kingston (Black). In these agencies, non-White individuals are more frequently searched by police relative to their contraband-finding rate. While these results

do not necessarily indicate racial bias, they suggest that the search patterns of these agencies may result in unequal outcomes, even if they initially appear to be race-neutral.

Figure 5. 2: Hit-Rate Analysis by Agency, 2021



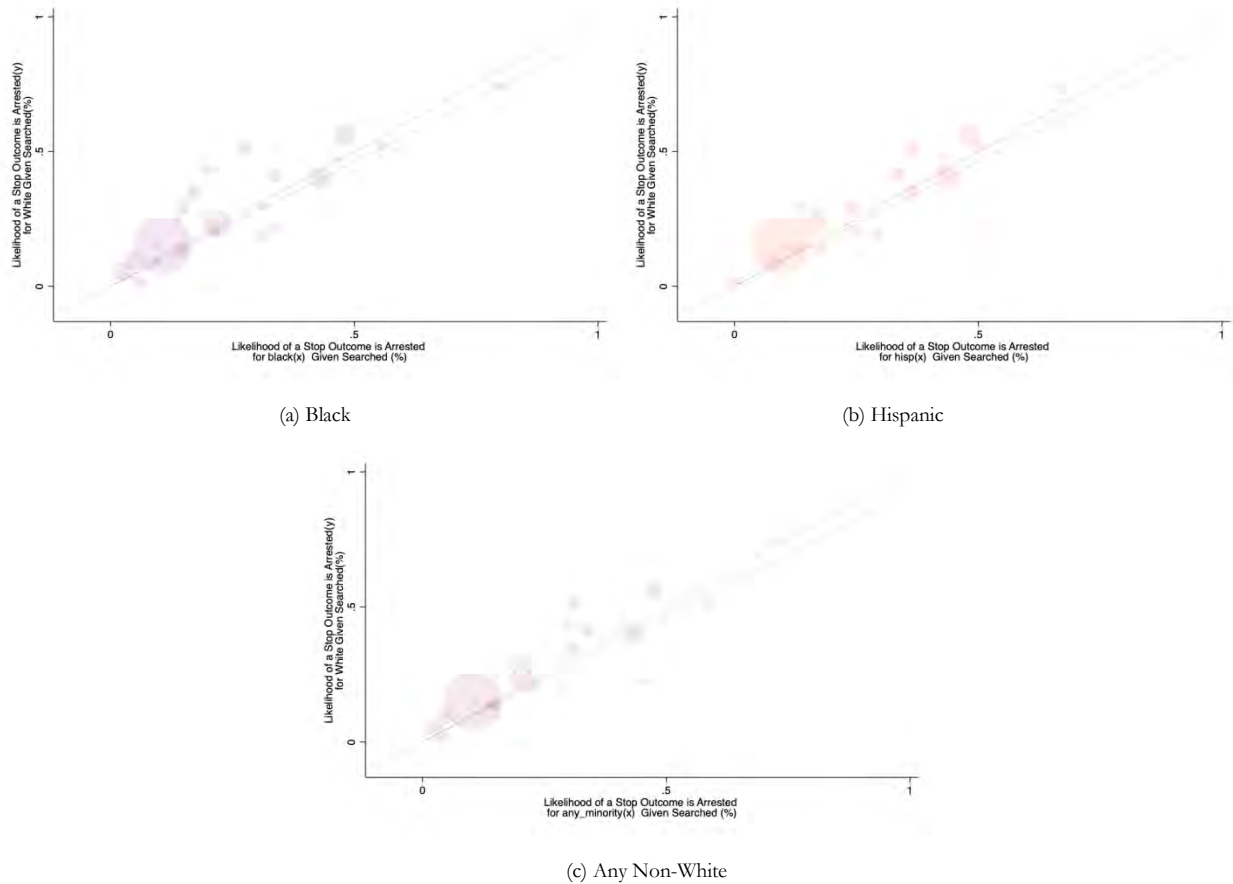
Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator of evidence finding on an indicator for non-White status on a sample of discretionary searches. The unit of observation is a traffic stop, resulting in a discretionary search. The statistical precision of the hypothesis tests was calculated with Huber-White robust standard errors. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 5.3 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a search of a White motorist yielded contraband, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between searches of non-White and White motorists.

In panel (a), we plot the likelihood that a search of a Black motorist yields contraband. In total, we found 29 agencies with a lower likelihood of a Black search yielding contraband, but only 14 agencies estimated a confidence level of 95 percent or higher, and 12 of those agencies had a false discovery rate below 10 percent. In panel (b), we found 28 agencies with a lower likelihood of a Hispanic search yielding contraband, but only seven agencies estimated a confidence level of 95 percent or higher and four of those agencies had a false discovery rate below 10 percent. In panel (c), we found 27 agencies with a lower likelihood of a non-White search yielding contraband, but only six agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. Appendix Tables E.4-E.9 contain detailed statistics associated with the results for each agency.

Focusing on the estimates for Black and Hispanic motorists, we identified ten municipal agencies and three state police barracks in the traffic stop data from 2019–21. However, only five municipal agencies and two state police barracks had a sample size greater than 50. These agencies include Coventry (Black & Hispanic), Hopkinton (Black), Providence (Black & Hispanic), South Kingston (Black), Westerly (Hispanic), RISP Hope Valley (Black & Hispanic), and RISP Lincoln (Black). In these agencies, non-White individuals are more frequently searched by police relative to their contraband-finding rate. While these results do not necessarily indicate racial bias, they suggest that the search patterns of these agencies may result in unequal outcomes, even if they initially appear to be race-neutral.

Figure 5. 3: Hit-Rate Analysis by Agency, 2019 to 2021



Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator of evidence finding on an indicator for non-White status on a sample of discretionary searches. The unit of observation is a traffic stop, resulting in a discretionary search. The statistical precision of the hypothesis tests was calculated with Huber-White robust standard errors. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

VI. ANALYSIS OF STOP DISPOSITION, CONDITIONAL OUTCOME TESTS

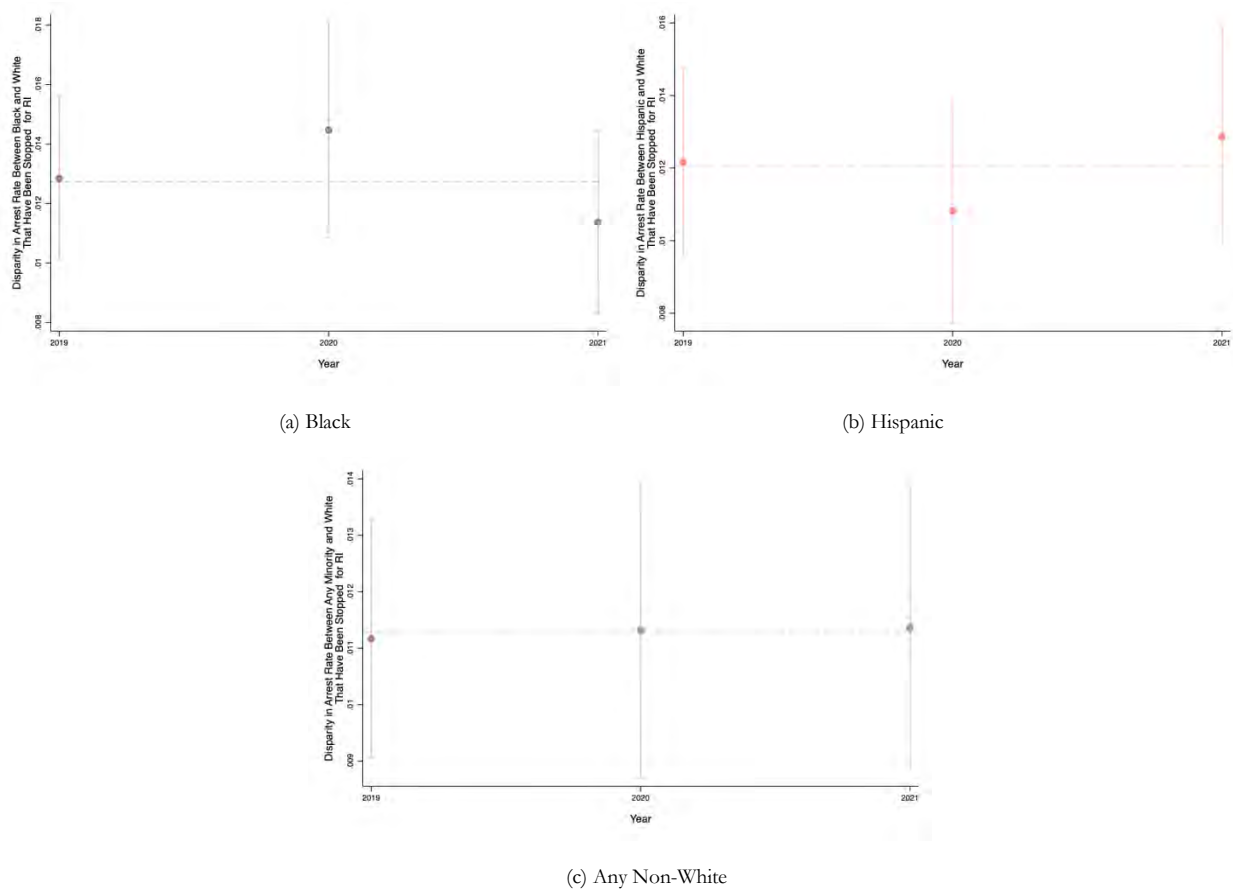
In this section, we test for disparities in the outcomes of traffic stops using a model that examines the distribution of outcomes conditional on race, time of day, and day of week. Specifically, we test whether traffic stops of non-White individuals result in different outcomes relative to their White peers. Since it is unclear whether discrimination would create more or less severe stop outcomes, we simply test for equality in the distribution of outcomes ex-post. On the one hand, discriminatory police officers might treat non-White individuals more harshly, conditional on the reason they were stopped. However, discriminatory police might also make more investigative or suspicious traffic stops for lower-level offenses motivated by the fact that they may observe evidence of a more severe crime once the vehicle is stopped. Rather than making untestable assumptions, we assume that the overall distribution of outcomes will be equal across race/ethnicity without disparate treatment. The intuition is similar to hit-rate style tests, but we cannot sign the direction we expect bias to take. In terms of possible outcomes, we test for differences in arrest rates, warning rates, stop duration, investigatory and suspicion stops, and discretionary searches. We caution the reader not to place a causal interpretation on this test because we do not have adequately detailed data to control for selection into different types of circumstances and locations.

VI.A: AGGREGATE ANALYSIS OF CONDITIONAL OUTCOMES BY YEAR

Figure 6.1 reports results from applying the conditional outcome test focusing on arrests during the three years from 2019 to 2021. We use ordinary least squares to regress a binary indicator variable of a stop resulting in an arrest on an indicator for race/ethnicity, controlling for the time of day, day of the week, and officer by agency. We cluster standard errors by officer by agency by year. As mentioned in the introduction to this section, the ideal formulation of this test would include more granular geographic controls for location and the circumstances motivating a stop. Since the current data do not contain sufficient information to create these additional controls, we caution the reader against making causal interpretations of these results. Instead, we recommend using the results to identify trends in the data.

In panel (a), we report estimates of the likelihood that a stop of a Black individual results in an arrest. In 2021, we estimated that Black individuals were statistically more likely to be arrested ($b = 1.1$ percentage points or 33.2 percent, $p < 0.001$) following a stop. Similarly, in panels (b) and (c), we find that Hispanic ($b = 1.3$ percentage points or 37.5 percent, $p < 0.001$) and any non-White ($b = 1.1$ percentage points or 33.1 percent, $p < 0.001$) individuals were also statistically more likely to be arrested following a stop. As noted, we caution the reader not to interpret these results causally, as we cannot adequately control for selection into different types of circumstances that lead to an arrest. Appendix Table F.1 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 6. 1: Aggregate Analysis of Decision to Arrest by Year

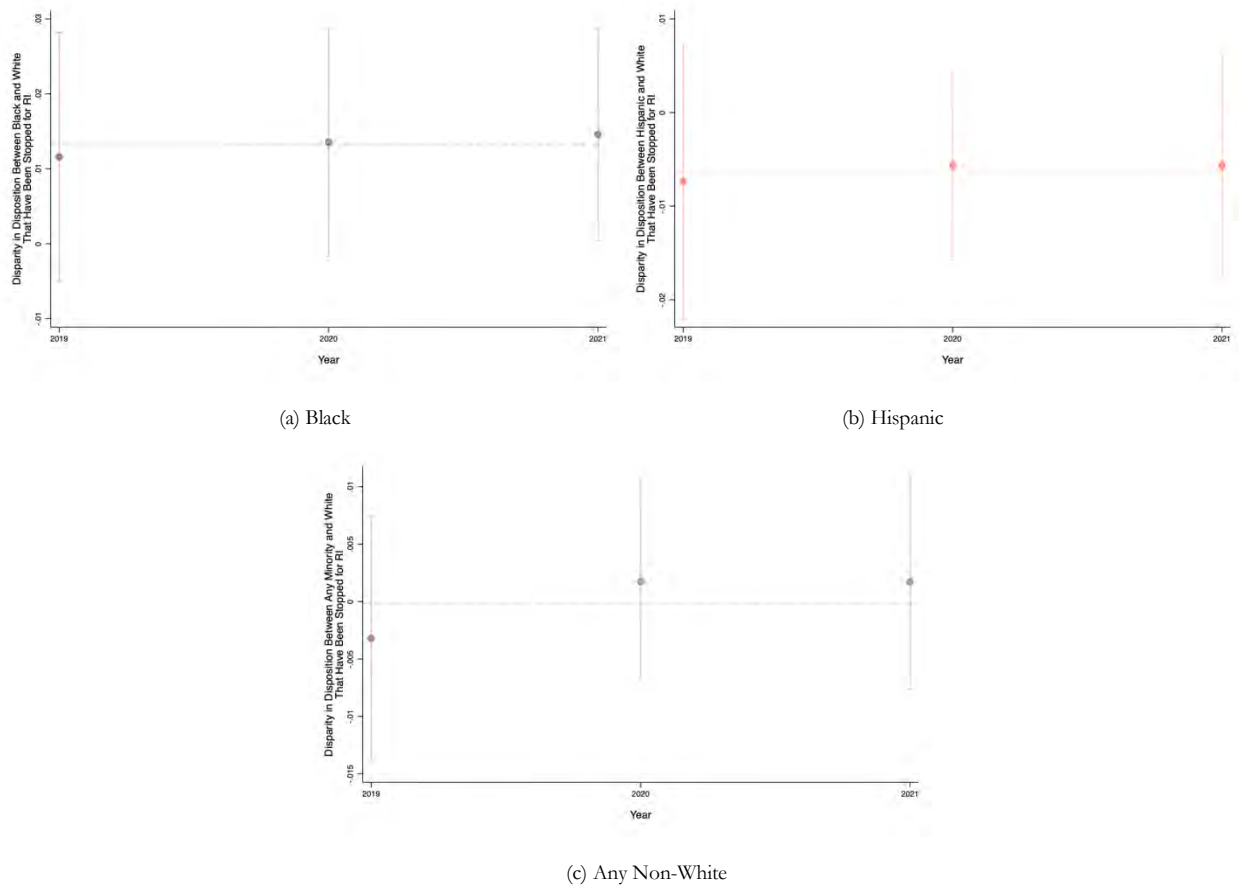


Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for an arrest on an indicator of race and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year level.

Figure 6.2 reports results from applying the conditional outcome test, focusing on the decision to issue a warning during the three years from 2019 to 2021. We use ordinary least squares to regress a binary indicator variable of a stop resulting in a warning on an indicator for race/ethnicity, controlling for the time of day, day of the week, and officer by agency. We cluster standard errors by officer by agency by year.

As before, we note that the ideal formulation of this test would include more granular geographic controls for location and the circumstances motivating a stop. In panel (a), we report estimates of the likelihood that a stop of a Black individual results in a warning. In 2021, we estimated that Black individuals were marginally more likely to receive a warning ($b = 1.5$ percentage points or 2.4 percent, $p < 0.04$) following a stop. In panel (b), we found that Hispanic individuals were no more likely to receive a warning ($b = -0.6$ percentage points or -0.9 percent, $p < 0.35$) in 2021. In panel (c), we found that non-White individuals overall were statistically no more likely to receive a warning ($b = 0.2$ percentage points or 0.3 percent, $p < 0.72$) in 2021. As noted, we caution the reader against making causal interpretations from this test, as we cannot adequately control for the selection into different circumstances that necessitate a ticket. Appendix Table F.2 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 6. 2: Aggregate Analysis of Warnings by Year

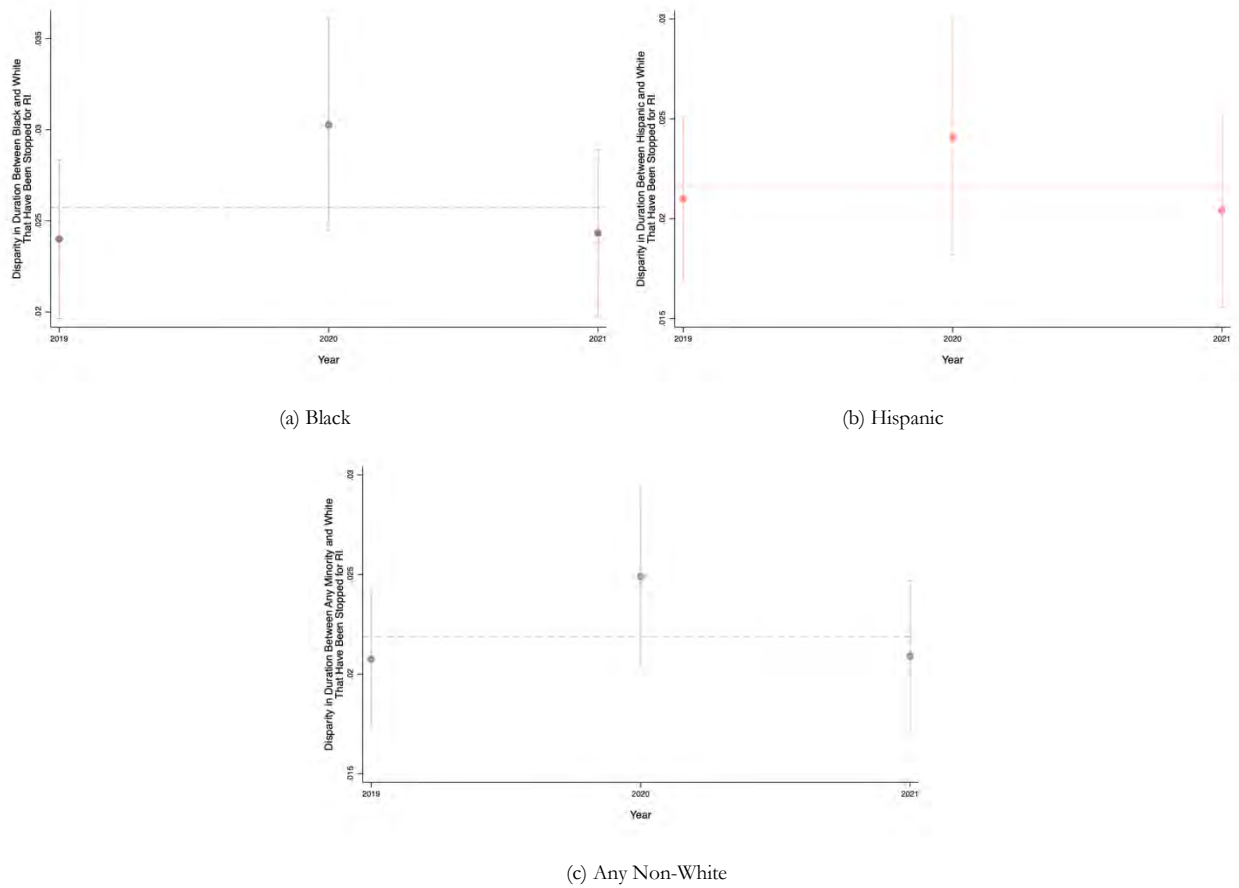


Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a warning on an indicator of race and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year level.

Figure 6.3 reports the results of applying the conditional outcome test, focusing on the stop duration for the three years between 2019 and 2021. We use ordinary least squares to regress a variable indicating that a stop lasted longer than 15 minutes on an indicator for race/ethnicity, controlling for the time of day, day of the week, and officer by agency. We cluster standard errors by officer by agency by year.

As before, we note that the ideal formulation of this test would include more granular geographic controls for location and the circumstances motivating a stop. In panel (a), we report estimates of the difference in stop duration involving a Black individual. In 2021, we estimated a statistically significant longer stop duration ($b = 2.4$ percentage points or 22.2 percent, $p < 0.001$) for Black individuals. Similarly, in panels (b) and (c), we estimate a statistically significant longer stop duration for Hispanic individuals ($b = 2$ percentage points or 18.6 percent, $p < 0.001$) and for any non-White motorists ($b = 2.1$ percentage points or 19.1 percent, $p < 0.001$) in 2021. As noted again, we caution the reader not to interpret these results causally, as we cannot adequately control for the selection into different types of circumstances that necessitate a longer stop duration. Several factors may contribute to a longer stop, including language barriers or the time required to process certain stop outcomes. Appendix Table F.3 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 6. 3: Aggregate Analysis of Stop Duration by Year

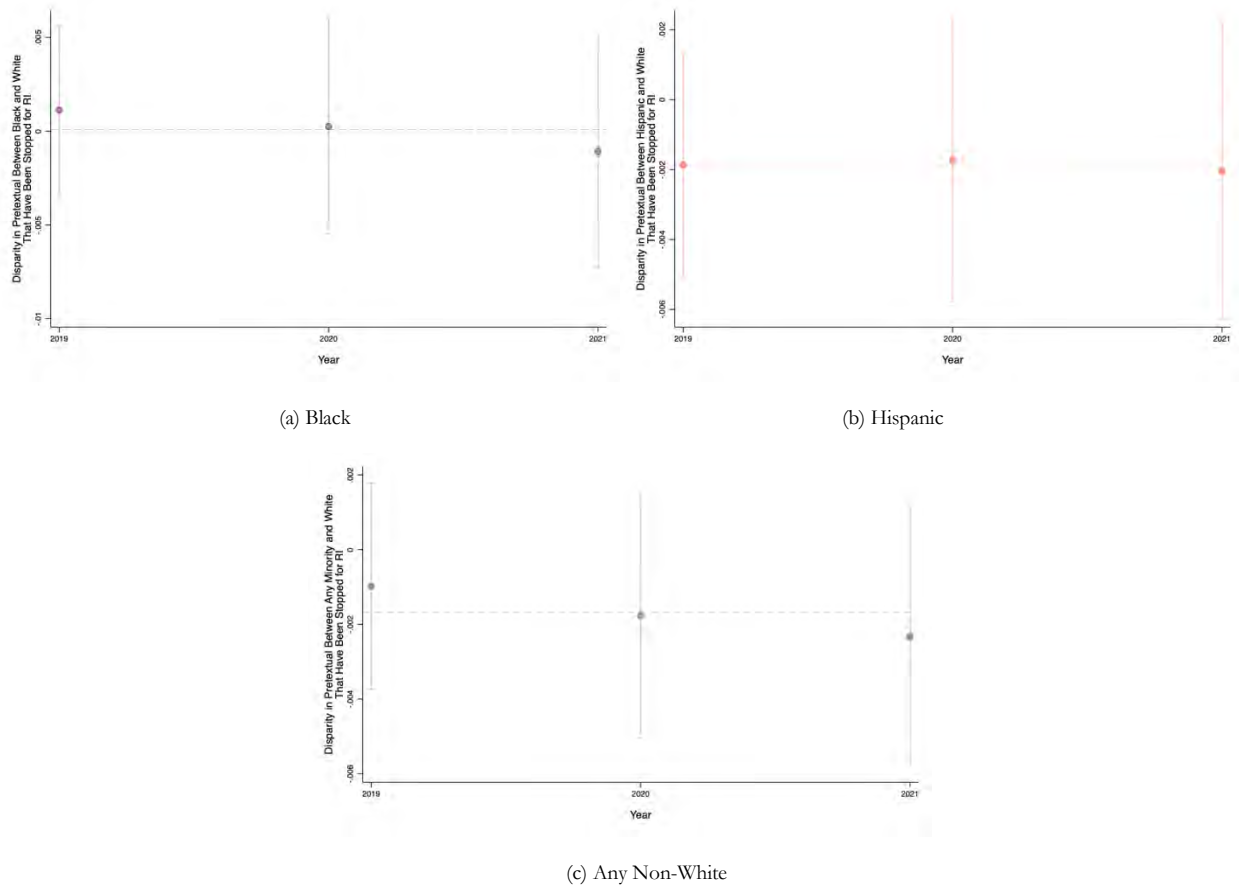


Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop exceeding 15 minutes on an indicator of race and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year level.

Figure 6.4 reports results from applying the conditional outcome test, focusing on the likelihood of a stop being made for investigative reasons or due to a suspicious person for each of the three years between 2019 and 2021. We use ordinary least squares to regress a variable indicating an investigatory or suspicion stop on an indicator for race/ethnicity, controlling for the time of day, day of the week, and officer by agency. We cluster standard errors by officer by agency by year.

As before, we note that the ideal formulation of this test would include more granular geographic controls for location and the circumstances motivating a stop. In panel (a), we report estimates of the difference in investigatory or suspicion stops involving a Black individual. In 2021, we found no statistically significant difference in the rate of investigatory or suspicion stops ($b = -0.1$ percentage points or -2.1 percent, $p = 0.732$) for Black individuals. Similarly, in panels (b) and (c), we found no statistically significant difference in the rate of investigatory or suspicion stops for Hispanic individuals ($b = -0.2$ percentage points or -3.9 percent, $p = 0.343$) and for any non-White motorists ($b = -0.2$ percentage points or -4.4 percent, $p = 0.184$) in 2021. As noted again, we caution the reader not to interpret these results causally, as we cannot adequately control for the selection into different types of circumstances that necessitate an investigatory stop. Appendix Table F.4 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 6. 4: Aggregate Analysis of Investigative or Suspicion Stops by Year

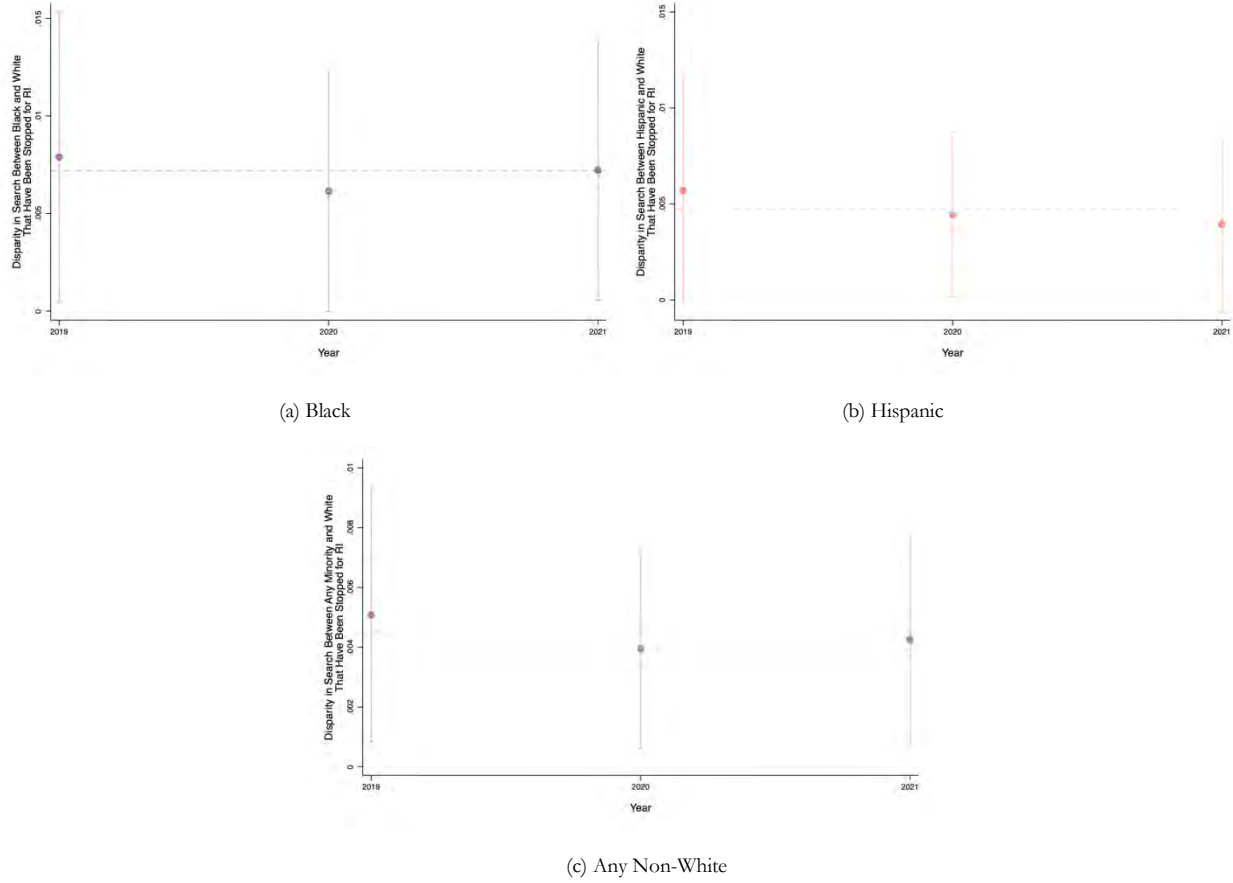


Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a potentially pretextual stop on an indicator of race and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year level.

Figure 6.5 reports results from applying the conditional outcome test, focusing on the decision to conduct a discretionary search for the three years between 2019 and 2021. We use ordinary least squares to regress a variable indicating a discretionary search (frisk or consent) during a stop on an indicator for race/ethnicity, controlling for the time of day, day of the week, and officer by agency. We cluster standard errors by officer by agency by year.

As before, we note that the ideal formulation of this test would include more granular geographic controls for location and the circumstances motivating a stop. In panel (a), we report estimates of the difference in stops that lead to a discretionary search for Black individuals. In 2021, we estimated statistically significant differences in the rate of discretionary searches ($b = 0.7$ percentage points or 31.3 percent, $p < 0.034$) for Black individuals. Similarly, in panels (b) and (c), we found statistically significant differences in the rate of discretionary searches for Hispanic individuals ($b = -0.4$ percentage points or 17.1 percent, $p < 0.089$) and for any non-White motorists ($b = 0.4$ percentage points or 18.5 percent, $p < 0.002$) in 2021. As noted again, we caution the reader against making causal interpretations from this test, as we cannot adequately control for the selection into different circumstances that necessitate a discretionary search. Appendix Table F.5 contains detailed statistics associated with the results, disaggregated by agency type.

Figure 6. 5: Aggregate Analysis of Discretionary Search by Year



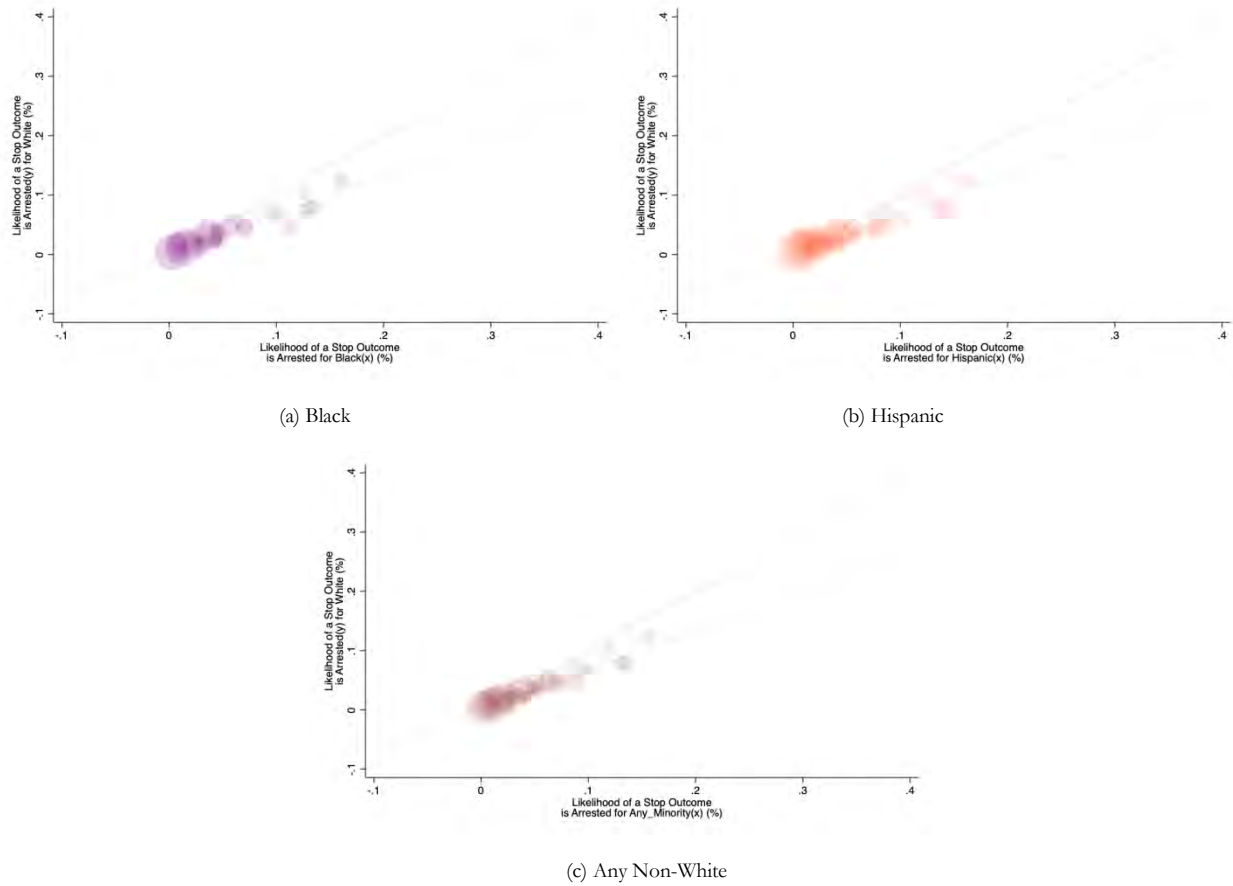
Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop involving a discretionary search on an indicator of race and a series of granular control variables described in the main text. The unit of observation is a traffic stop. The standard errors used to construct the confidence intervals and to conduct the hypothesis test denoted by the p-value were clustered at the badge by year level.

VI.B: ANALYSIS OF CONDITIONAL OUTCOMES BY AGENCY

Figure 6.6 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in an arrest, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist results in an arrest. In total, 29 agencies had a higher likelihood of a Black motorist being arrested, but only nine agencies estimated a confidence level of 95 percent or higher, and seven of those agencies had a false discovery rate below 10 percent. In panel (b), we find 33 agencies with a higher likelihood of a Hispanic motorist being arrested, but only nine agencies estimated a confidence level of 95 percent or higher, and six of those agencies had a false discovery rate below 10 percent. In panel (c), we find 30 agencies with a higher likelihood of a stop of a non-White motorist resulting in an arrest, but only 11 agencies estimated a confidence level of 95 percent or higher, and all 11 of those agencies had a false discovery rate below 10 percent. Appendix Table F.6 contains detailed statistics associated with the results for each agency.

Figure 6. 6: Analysis of Decision to Arrest by Agency, 2021

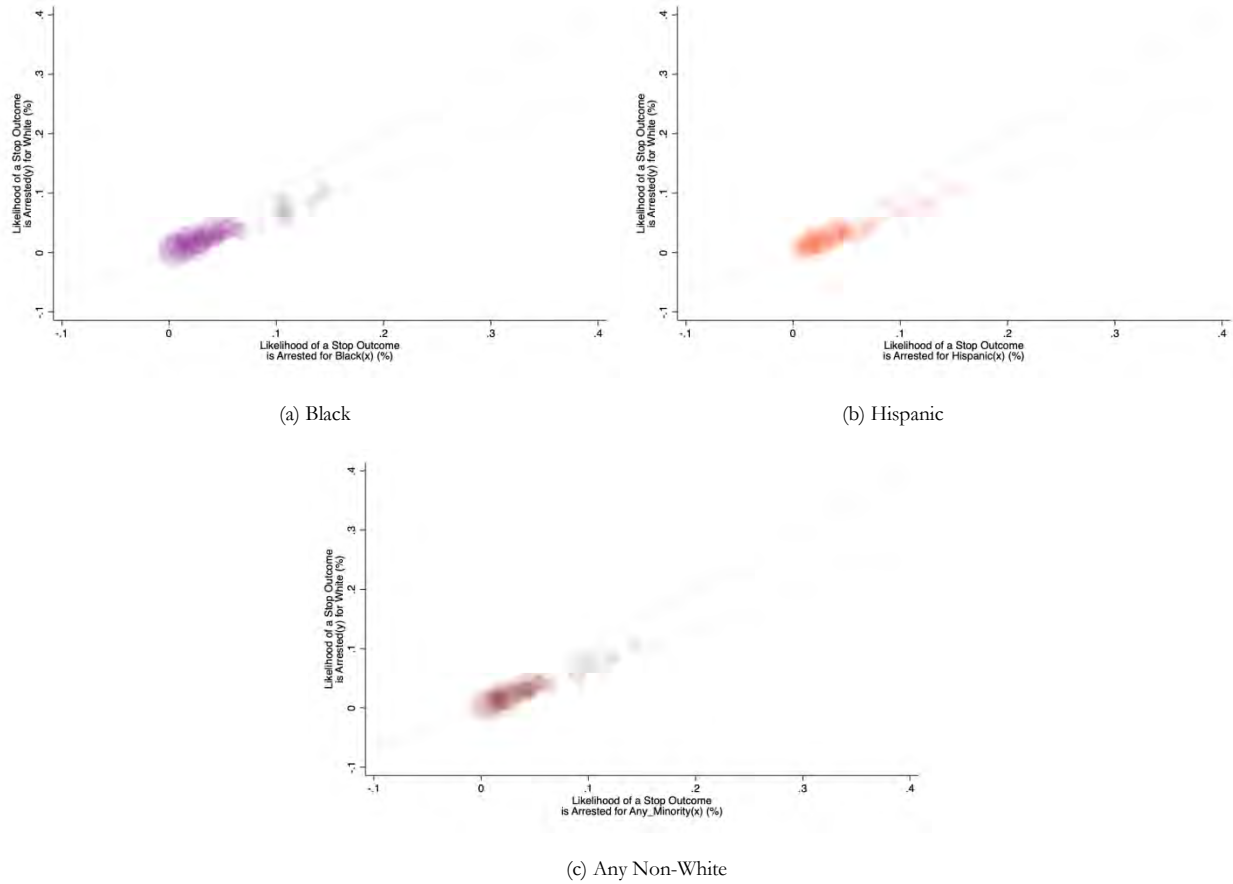


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for an arrest on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.7 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in an arrest, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist results in an arrest. In total, we found 35 agencies with a higher likelihood of a Black stop resulting in an arrest, but only 17 agencies estimated a confidence level of 95 percent or higher, and 16 of those agencies had a false discovery rate below 10 percent. In panel (b), we found 37 agencies with a higher likelihood of a Hispanic stop resulting in an arrest, but only 21 agencies estimated a confidence level of 95 percent or higher, and all 21 of those agencies had a false discovery rate below 10 percent. In panel (c), we found 35 agencies with a higher likelihood of a non-White stop resulting in an arrest, but only 21 agencies estimated a confidence level of 95 percent or higher, and all 21 of those agencies had a false discovery rate below 10 percent. Appendix Table F.7 contains detailed statistics associated with the results for each agency.

Figure 6. 7: Analysis of Decision to Arrest by Agency, 2019 to 2021

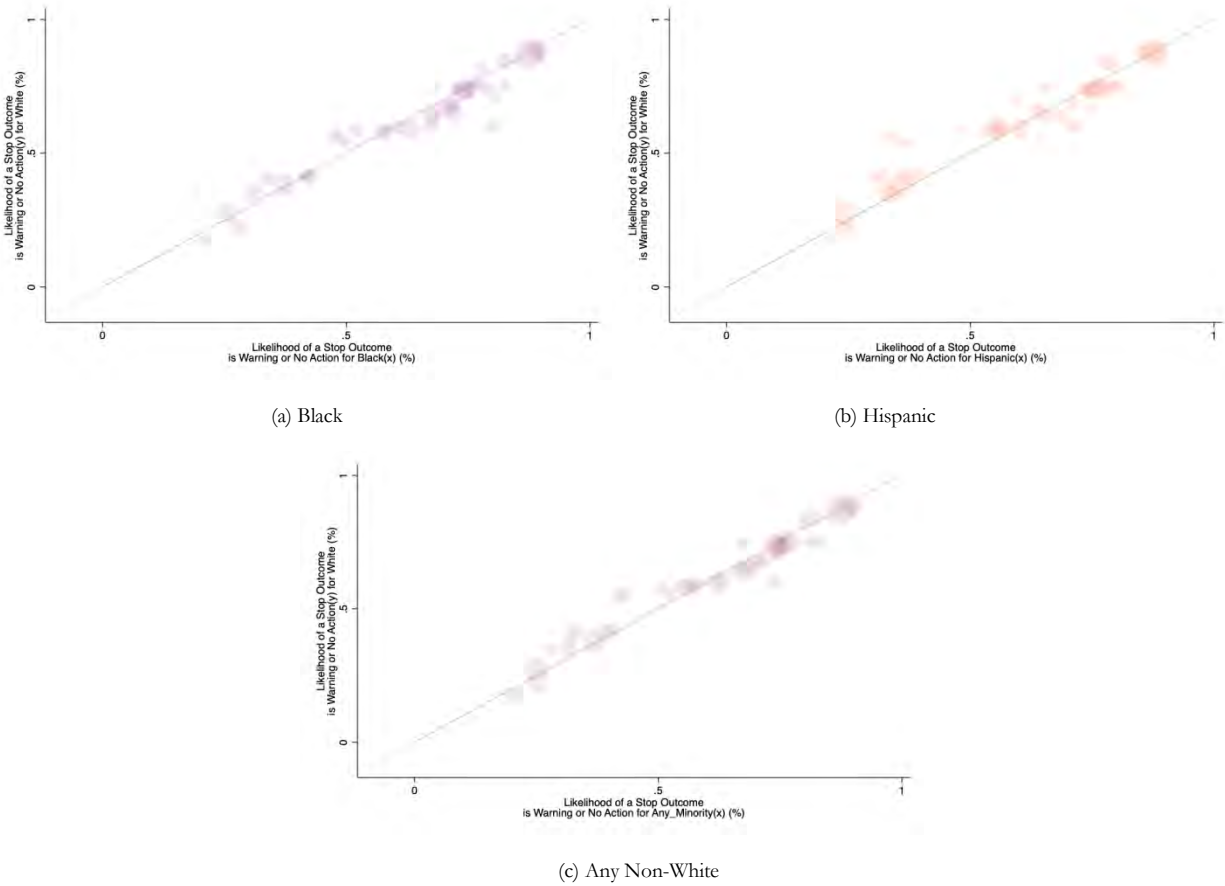


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for an arrest on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.8 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in a warning, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist results in a warning instead of a ticket. In total, we found 24 agencies with a higher likelihood of a Black stop resulting in a warning, but only seven agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. In panel (b), we found 16 agencies with a higher likelihood of a Hispanic stop resulting in a warning, but only one agency estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (c), we found 21 agencies with a higher likelihood of a non-White stop resulting in a warning, but only four agencies estimated a confidence level of 95 percent or higher, and two of those agencies had a false discovery rate below 10 percent. Appendix Table F.8 contains detailed statistics associated with the results for each agency.

Figure 6. 8: Analysis of Warnings by Agency, 2021

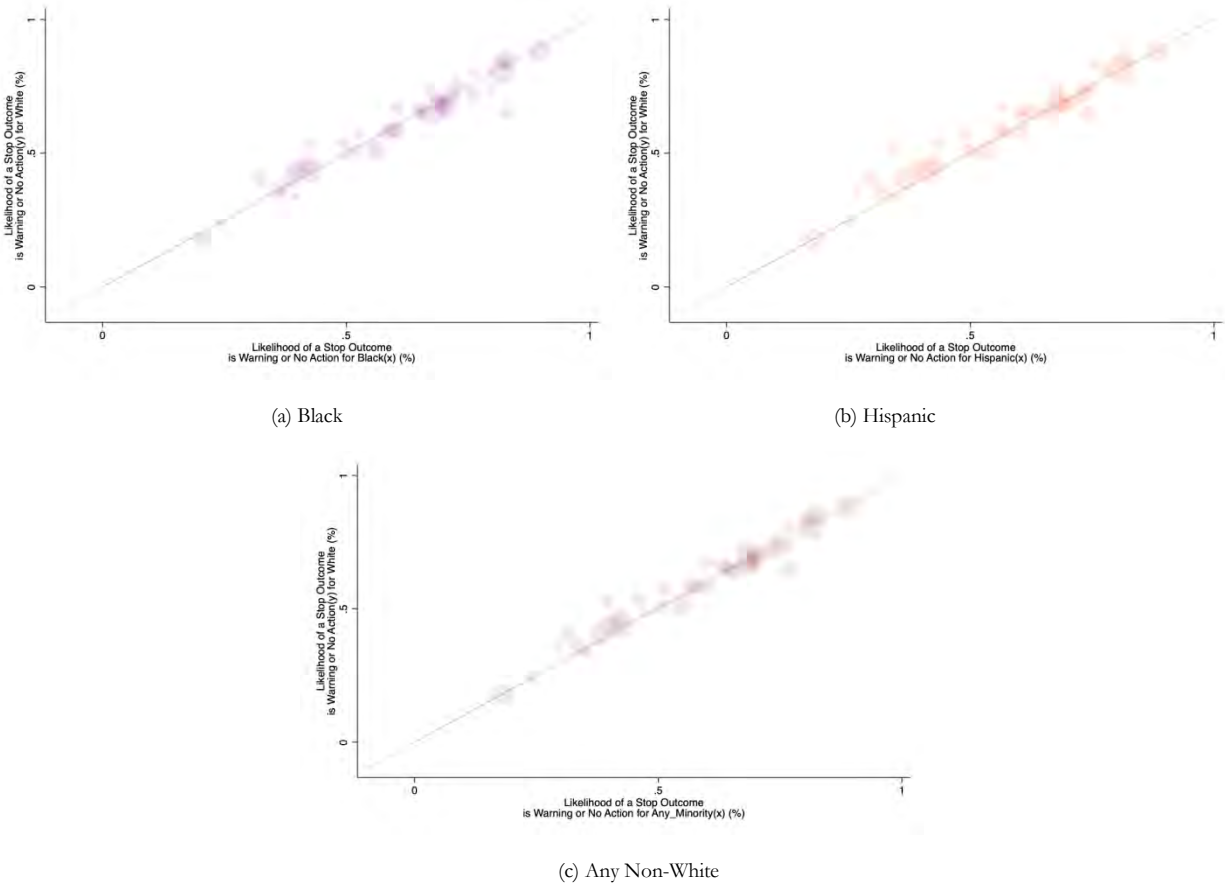


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop, resulting in a warning on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on badge by year. The associated t-statistic scales the size of the markers, and the 45-degree line represents equal treatment.

Figure 6.9 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in a warning, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist resulted in a warning instead of a ticket. In total, we found 22 agencies with a higher likelihood of a Black stop resulting in a warning, but only eight agencies estimated a confidence level of 95 percent or higher, and seven of those agencies had a false discovery rate below 10 percent. In panel (b), we found 13 agencies with a higher likelihood of a Hispanic stop resulting in a warning, but only two agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (c), we found 16 agencies with a higher likelihood of a non-White stop resulting in a warning, but only five agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. Appendix Table F.9 contains detailed statistics associated with the results for each agency.

Figure 6. 9: Analysis of Warnings by Agency, 2019 to 2021

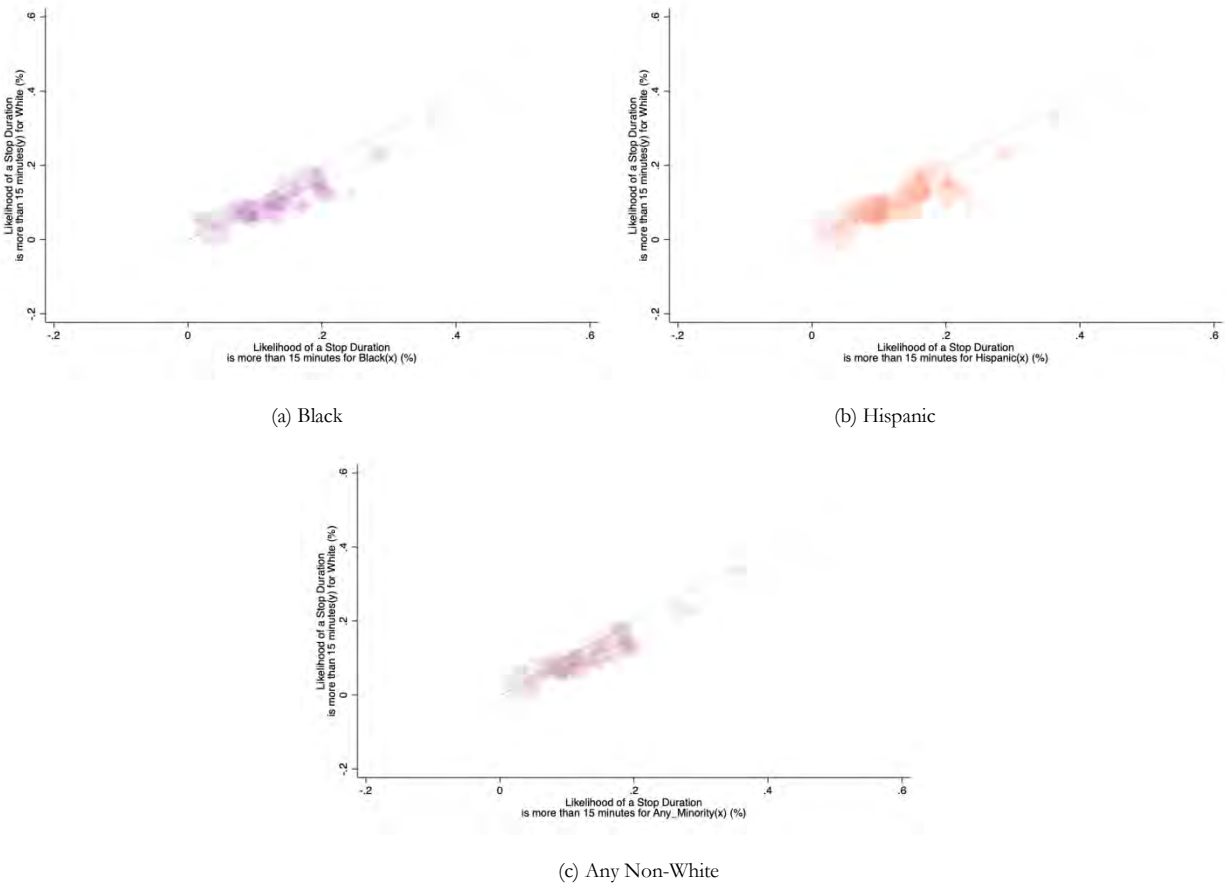


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop, resulting in a warning on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.10 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a stop of a White motorist lasted more than 15 minutes, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist exceeds 15 minutes in length. In total, we found 37 agencies with a higher likelihood of a Black stop exceeding 15 minutes, but only seven agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (b), we found 36 agencies with a higher likelihood of a Hispanic stop exceeding 15 minutes, but only five agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (c), we found 37 agencies with a higher likelihood of a non-White stop exceeding 15 minutes, but only eight agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. As noted again, we caution the reader not to interpret these results causally, as we cannot adequately control for the selection into different types of circumstances that necessitate a longer stop duration. Several factors may contribute to a longer stop, including language barriers or the time required to process certain stop outcomes. Appendix Table F.10 contains detailed statistics associated with the results for each agency.

Figure 6. 10: Analysis of Stop Duration by Agency, 2021

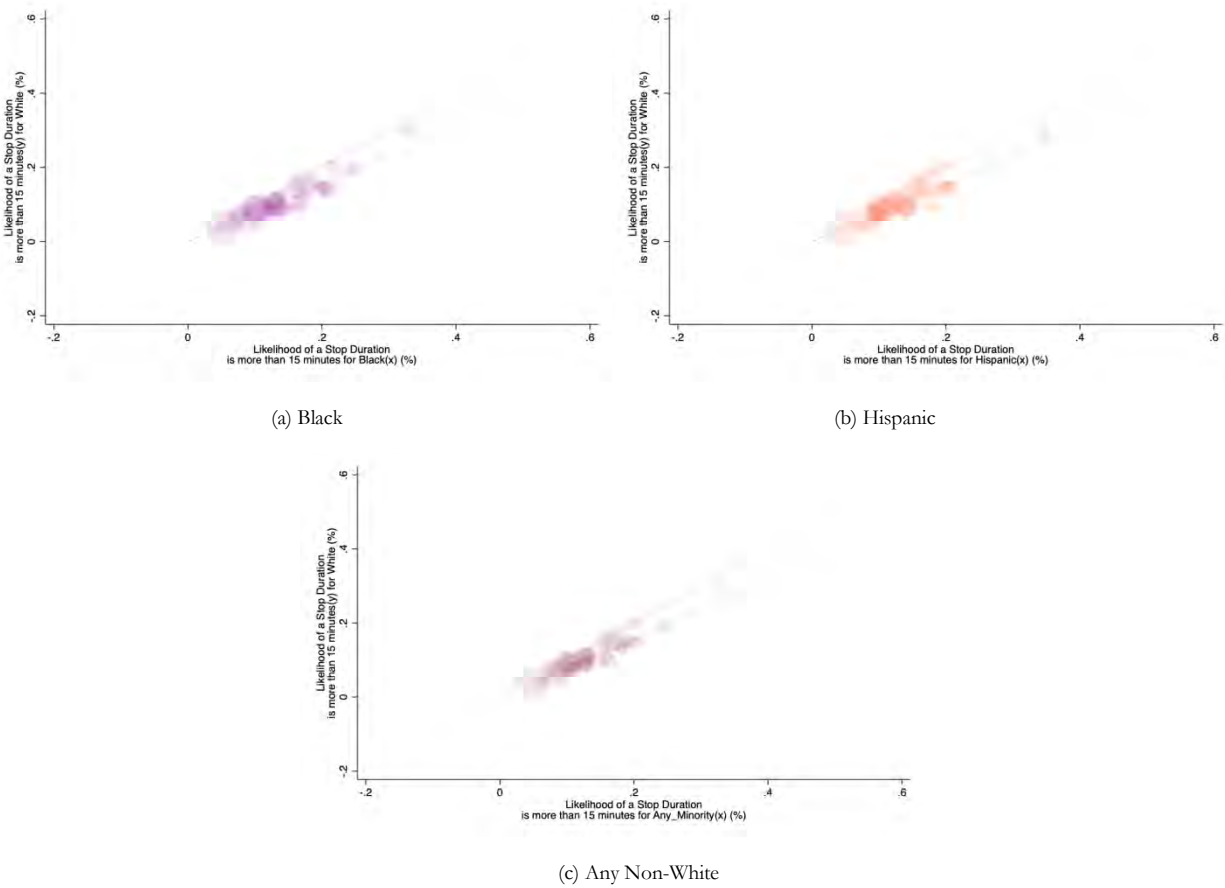


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop exceeding 15 minutes on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.11 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a stop of a White motorist lasted more than 15 minutes, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist exceeds 15 minutes in length. In total, we found 40 agencies with a higher likelihood of a Black stop exceeding 15 minutes, but only 31 agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (b), we found 40 agencies with a higher likelihood of a Hispanic stop exceeding 15 minutes, but only 24 agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (c), we found 40 agencies with a higher likelihood of a non-White stop exceeding 15 minutes, but only 29 agencies estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. As noted again, we caution the reader not to interpret these results causally, as we cannot adequately control for the selection into different types of circumstances that necessitate a longer stop duration. Several factors may contribute to a longer stop, including language barriers or the time required to process certain stop outcomes. Appendix Table F.11 contains detailed statistics associated with the results for each agency.

Figure 6. 11: Analysis of Stop Duration by Agency, 2019 to 2021

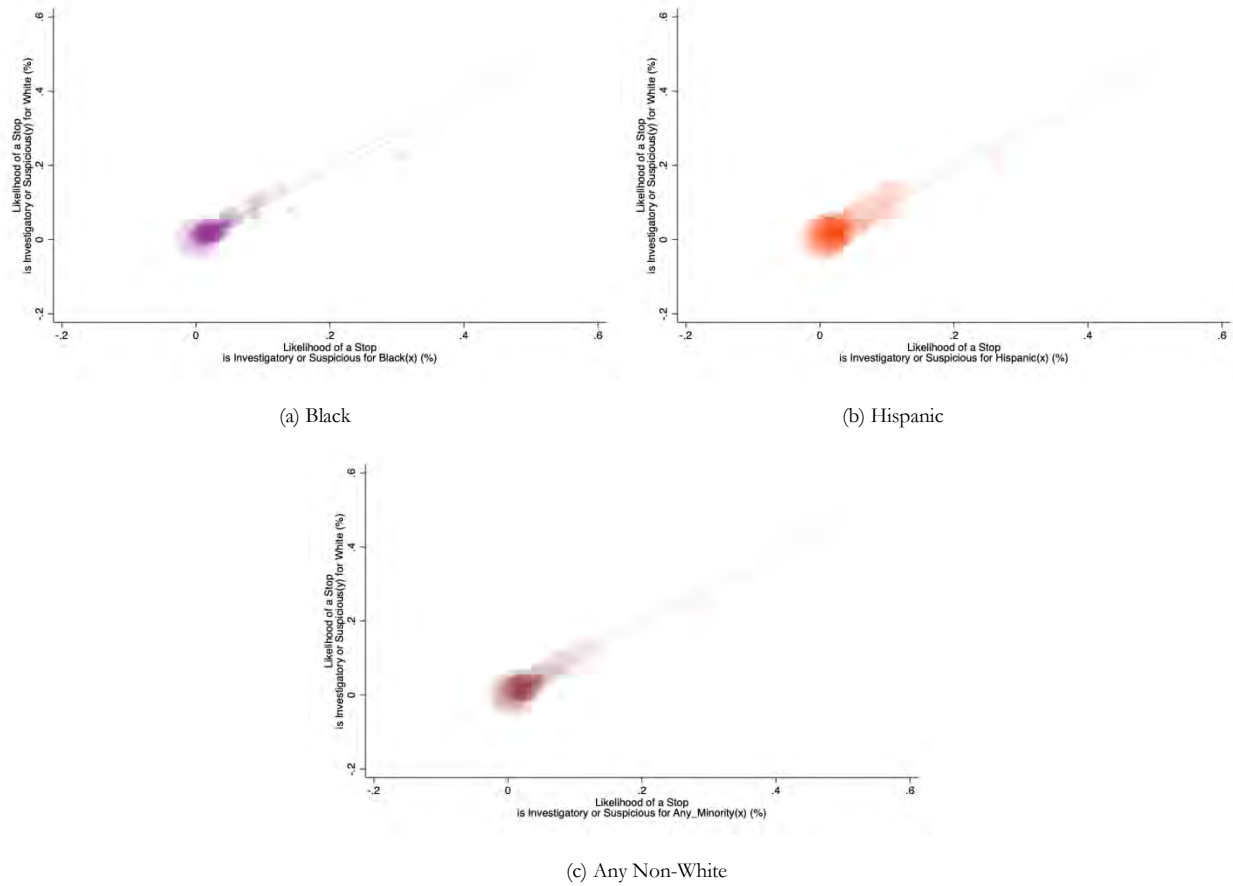


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop exceeding 15 minutes on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.12 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a stop of a White motorist was made for investigatory or suspicious reasons, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist was made for investigatory or suspicion reasons. In total, we found 17 agencies with a higher likelihood of a Black stop being made for investigatory or suspicion reasons, but only two agencies estimated a confidence level of 95 percent or higher, and one agency had a false discovery rate below 10 percent. In panel (b), we found 19 agencies with a higher likelihood of a Hispanic stop being made for investigatory or suspicion reasons, but only two agencies estimated a confidence level of 95 percent or higher, and none had a false discovery rate below 10 percent. In panel (c), we found 17 agencies with a higher likelihood of a non-White stop being made for investigatory or suspicion reasons, but only one agency estimated a confidence level of 95 percent or higher, and none had a false discovery rate below 10 percent. Appendix Table F.12 contains detailed statistics associated with the results for each agency.

Figure 6. 12: Analysis of Investigatory and Suspicion Stops by Agency, 2021

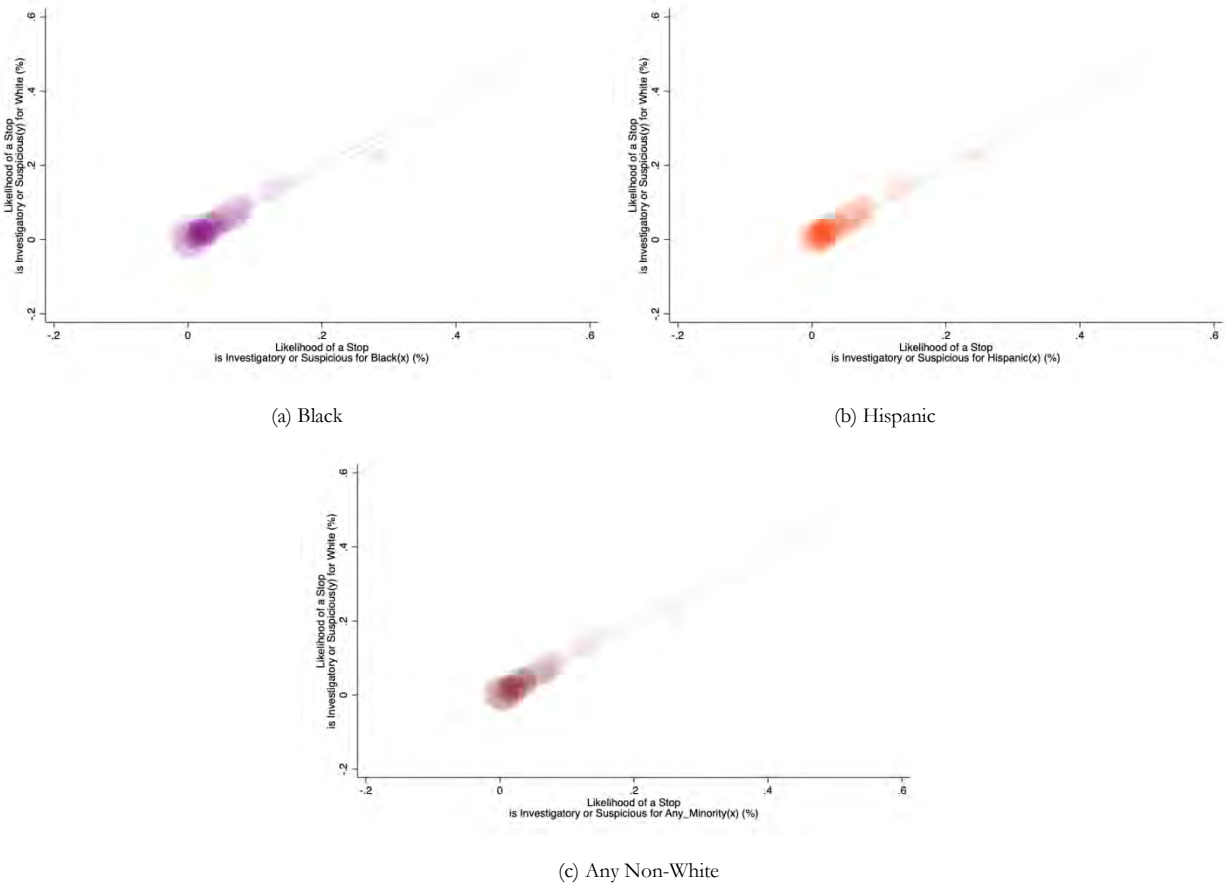


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop made for potentially pretextual reasons on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.13 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a stop of a White motorist was made for investigatory or suspicion reasons, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist was made for investigatory or suspicion reasons. In total, we found 18 agencies with a higher likelihood of a Black stop being made for investigatory or suspicion reasons, but only four agencies estimated a confidence level of 95 percent or higher, and three of those agencies had a false discovery rate below 10 percent. In panel (b), we found 16 agencies with a higher likelihood of a Hispanic stop being made for investigatory or suspicion reasons, but only one agency estimated a confidence level of 95 percent or higher, and none had a false discovery rate below 10 percent. In panel (c), we found 18 agencies with a higher likelihood of a non-White stop being made for investigatory or suspicion reasons, but only five agencies estimated a confidence level of 95 percent or higher, and all five had a false discovery rate below 10 percent. Appendix Table F.13 contains detailed statistics associated with the results for each agency.

Figure 6. 13: Analysis of Investigatory or Suspicion Stops by Agency, 2019 to 2021

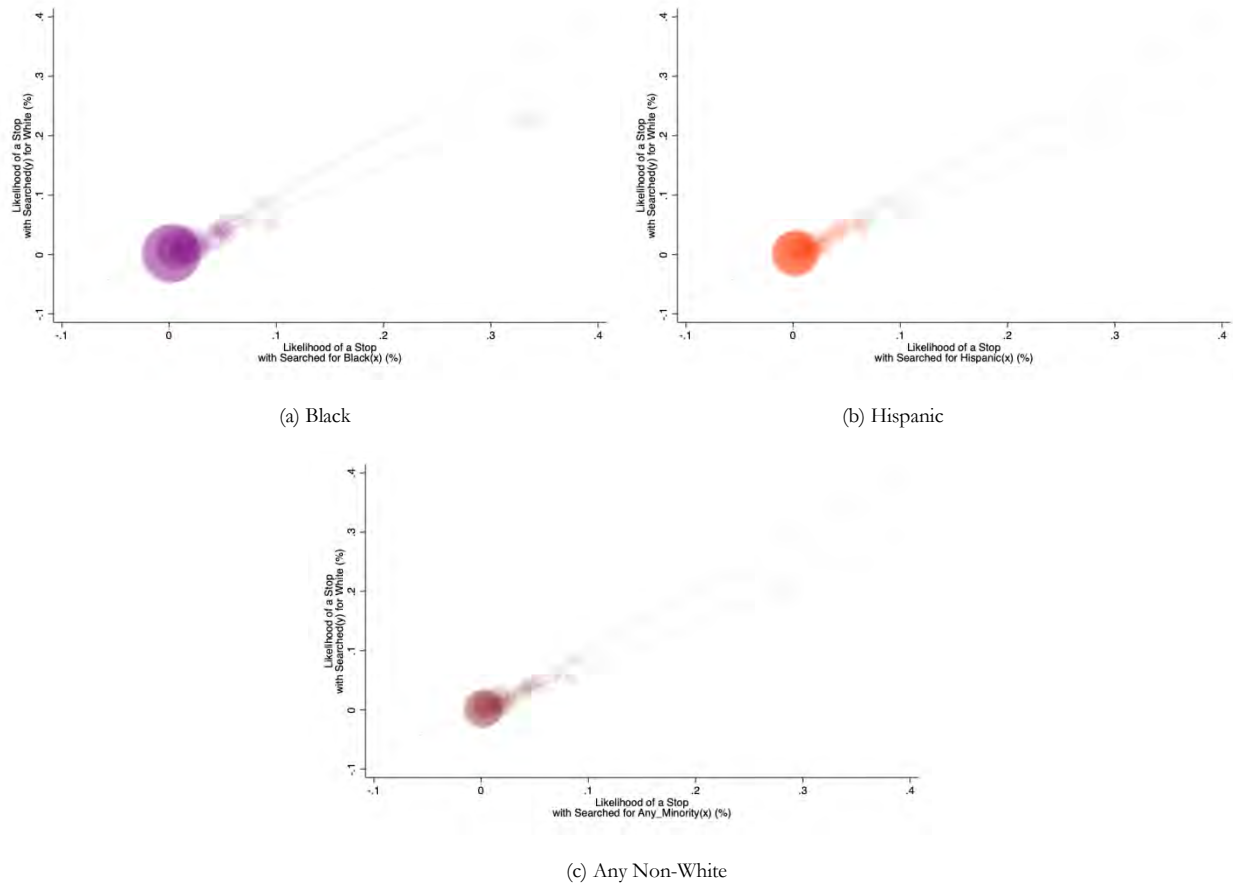


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a stop made for potentially pretextual reasons on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.14 examines heterogeneity across departments during 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in a discretionary search, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist resulted in a discretionary search. In total, we found 28 agencies with a higher likelihood of a Black stop resulting in a discretionary search, but only five agencies estimated a confidence level of 95 percent or higher, and two of those agencies had a false discovery rate below 10 percent. In panel (b), we found 29 agencies with a higher likelihood of a Hispanic stop resulting in a discretionary search, but only one agency estimated a confidence level of 95 percent or higher, with a false discovery rate below 10 percent. In panel (c), we found 30 agencies with a higher likelihood of a non-White stop resulting in a discretionary search, but only six agencies estimated a confidence level of 95 percent or higher, and four of those agencies had a false discovery rate below 10 percent. Appendix Table F.14 contains detailed statistics associated with the results for each agency.

Figure 6. 14: Analysis of Discretionary Search by Agency, 2021

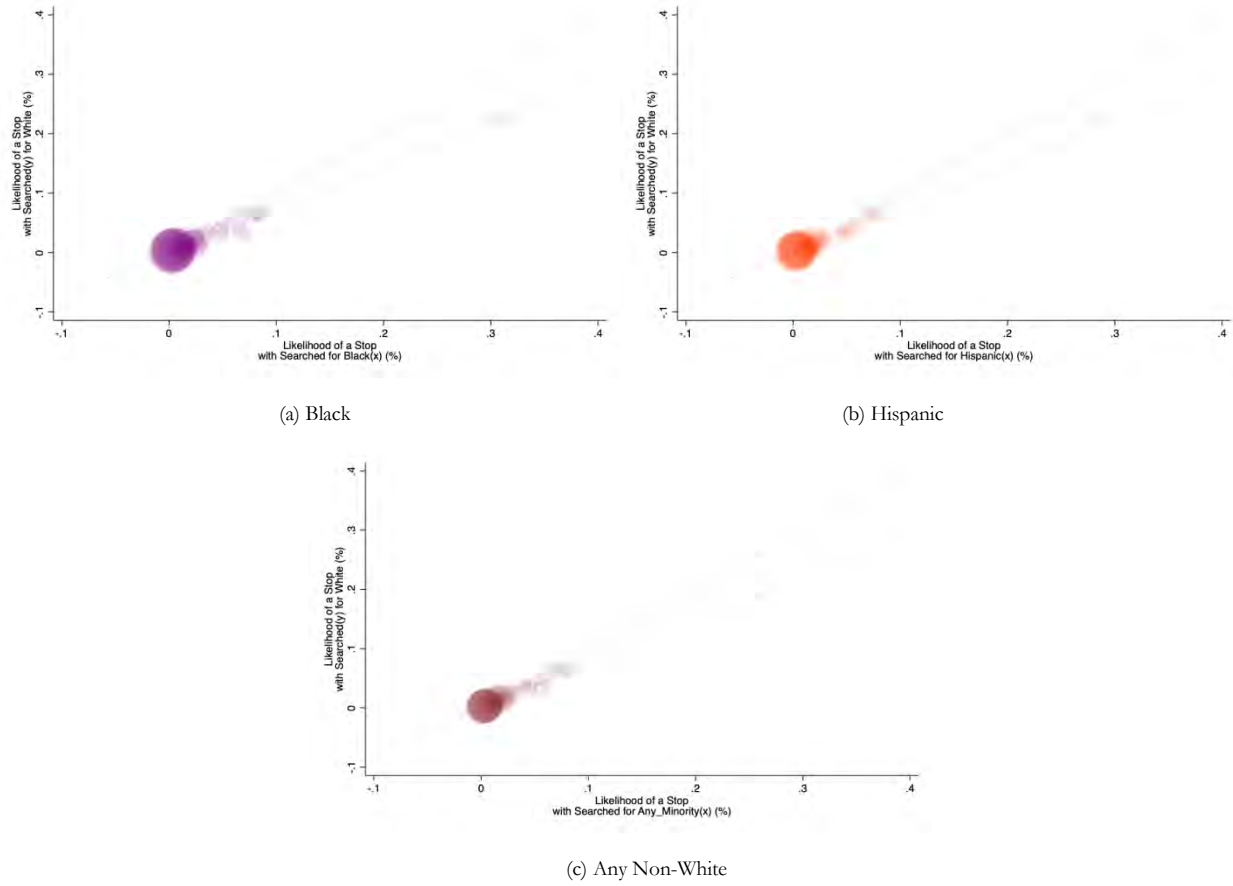


Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a discretionary search on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

Figure 6.15 examines heterogeneity across departments during the combined period from 2019 to 2021. The vertical axis represents the predicted probability that a stop of a White motorist resulted in a discretionary search, while the horizontal axis represents the same probability for non-White motorists. The size of the markers indicates the statistical precision of each estimate, and the dashed 45-degree line represents parity (i.e., no disparity) between stops of non-White and White motorists.

In panel (a), we plot the likelihood that a stop of a Black motorist resulted in a discretionary search. In total, we found 33 agencies with a higher likelihood of a Black stop resulting in a discretionary search, but only nine agencies estimated a confidence level of 95 percent or higher, and eight of those agencies had a false discovery rate below 10 percent. In panel (b), we found 34 agencies with a higher likelihood of a Hispanic stop resulting in a discretionary search, but only four agencies estimated a confidence level of 95 percent or higher, and three of those agencies had a false discovery rate below 10 percent. In panel (c), we found 34 agencies with a higher likelihood of a non-White stop resulting in a discretionary search, but only 10 agencies estimated a confidence level of 95 percent or higher, and seven of those agencies had a false discovery rate below 10 percent. Appendix Table F.15 contains detailed statistics associated with the results for each agency.

Figure 6. 15: Analysis of Discretionary Search by Agency, 2019 to 2021



Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a discretionary search on an indicator for non-White status. The unit of observation is a traffic stop resulting. The statistical precision of the hypothesis tests was calculated with standard errors clustered on the badge by year. The size of the markers is scaled by the associated t-statistic, and the 45-degree line represents equal treatment.

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APPENDIX A

A.1: DEPARTMENT DATA COLLECTION MODULE

Figure A.1 is a screenshot of the module used by Rhode Island police departments for collecting traffic stop records.

Figure A.1: Data Collection Module Screenshot

Training: Race Profiling Entry - INSECURE SYSTEM (UNC with Mapped Drive)

Records Reg Traffic Property Reports/Inquiry Analysis Status RI Submissions/IBR DB Exit

Race Data

Enter through citation entry or call entry if the race data entry originated from a citation

Race #: 16RIX1-4-RP Officer: WREILLY Trooper William F Reilly

Last 3 ORI: 000 Date: 12/13/2016 Time: 1557 Zone: X3 Chepachet Area

Traffic Stop Details

Reason for Stop: V Violation

Basis for the Stop: SP Speeding

Operator Race: W White

Operator Sex: F Female Residency: Y Yes DOB: 09/23/1989

Reg: RI ABC123 Additional Occupants: 3

Result of Stop: M M/V Citation

Duration: A 0-15 Minutes

PlateType: PC PASSENGER VEH Road: I Interstate Highway

Prior Record: Y

Search Information

☒ Searched ☒ Frisk Initiated as Result of Stop ☒ Consent Requested

Reason: A ch/Frisk: D Result: W

A.2: METHODOLOGY FOR THE SOLAR VISIBILITY TEST

Following Grogger and Ridgeway (2006), let the parameter K_{ideal} capture the true level of disparate treatment for non-White group m relative to majority group w :

$$K_{ideal} = \frac{P(S|V', m)P(S|V, m)}{P(S|V', w)P(S|V, w)} \quad (1)$$

The parameter captures the odds that a non-White individual is stopped during perfect visibility (V^*) relative to those in complete darkness (V). The parameter $K_{ideal} = 1$ in the absence of discrimination and $K_{ideal} > 1$ when non-White individuals face adverse treatment.

Applying Baye's rule to Equation 1 such that:

$$K_{ideal} = \frac{P(m|V', S)P(w|V, S)}{P(w|V', S)P(m|V, S)} * \frac{P(m|V)P(w|V')}{P(w|V)P(m|V')} \quad (2)$$

The first term in K_{ideal} is the ratio of the odds that a stopped individual is a non-White during daylight relative to the same odds in darkness. Unlike Equation 1 which would detail data on roadway demography, the odds ratio in Equation 2 can be estimated using data on stop outcomes. The second term in K_{ideal} is a measure of the relative risk-set of individuals on the roadway which captures any differences in the demographic composition of individuals associated with visibility. The second term will be equal unity if the composition of individuals is uncorrelated with visibility.

Assuming that the risk-set of individuals is uncorrelated with variation in visibility, a test statistic for K_{ideal} is then simply:

$$K_{vod} = \frac{P(m|S, \delta = 1)P(w|S, \delta = 0)}{P(w|S, \delta = 1)P(m|S, \delta = 0)} \quad (3)$$

Since we do not have continuous data on visibility, the variable δ is a binary indicator representing daylight.

The test statistic K_{vod} will be greater than or equal to the parameter K_{ideal} and exceed unity if the following conditions hold:

- 1) $K_{ideal} > 1$; the true parameter shows that there is a racial or ethnic disparity in the rate of non-White police stops.
- 2) $P(V|\delta = 0) < P(V|\delta = 1)$; darkness reduces the ability of officers to discern the race and ethnicity of individuals.
- 3) $\frac{P(m|V)P(w|V')}{P(w|V)P(m|V')} = 1$; the relative risk-set is constant across the analysis window.

Estimating the test statistic K_{vod} does not provide a quantitative measure for evaluating disparate treatment in policing data but does qualitatively identify the presence of disparate treatment. More concretely, the test identifies K_{vod} is greater than one. Given the restrictive nature of the test statistic, it is reasonable (but not conclusive) to attribute the existence of this disparity to racially biased policing practices.

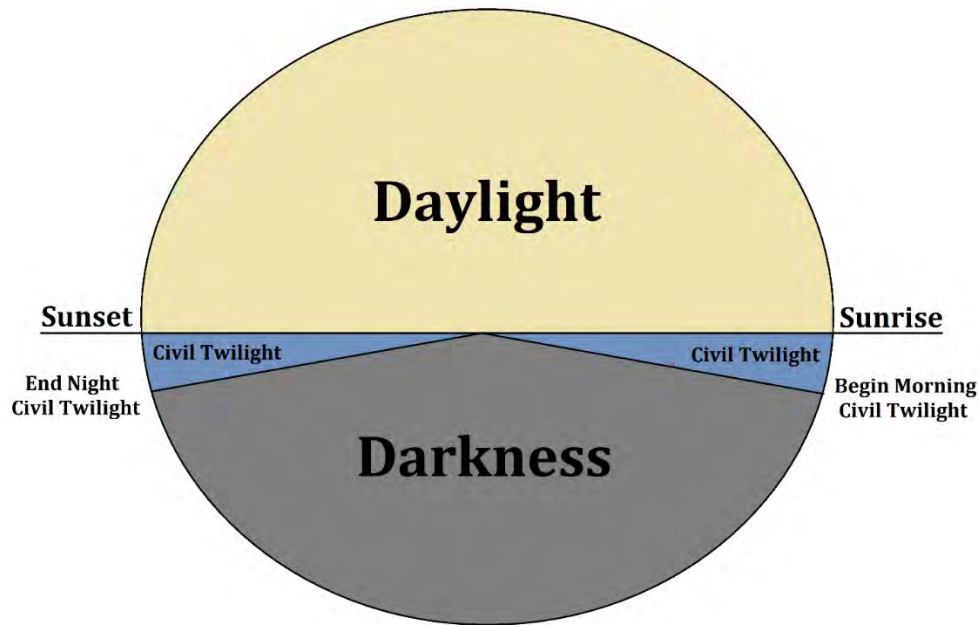
Assuming that the assumptions outlined above hold, Equation 4 can be estimated using a linear probability model

$$1[\text{minority}_i] = \beta + \delta 1[\text{daylight}_i] + \mu_i \quad (4)$$

where the dependent variable is an indicator for one if a stopped individual is a racial/ethnic minority, β is a constant, δ is an indicator for daylight, and μ_i is an idiosyncratic error term. In practice, it is unlikely that the third assumption (a constant relative risk-set) will hold without including additional controls in Equation 4. Thus, we amend Equation 4 by including controls for hour of day by year and day of the week by year.

The analysis requires that periods of darkness and daylight be properly identified. Following Grogger and Ridgeway (2006), the analysis is restricted to stops made within the inter-twilight window- that is, the time between the earliest sunset and the latest end to civil twilight. As is shown in Figure A.1, civil twilight is defined as the period when the sun is between zero and six degrees below the horizon and where its luminosity is transitioning from daylight to darkness. The motivation for limiting the analysis to the inter-twilight window is to help control for possible differences in the driving population.

Figure A.1: Diagram of Civil Twilight and Solar Variation



In this analysis, we rely primarily on a combined inter-twilight window that includes traffic stops at dawn and dusk. The dawn inter-twilight window is constructed from astronomical data and occurs in the morning hours. The dusk inter-twilight window, on the other hand, is constructed from the same astronomical data but occurs in the evening hours. The combined inter-twilight window relies on a sample created by pooling these timeframes and including an additional control variable that identifies the period.

A.3: METHODOLOGY FOR THE SYNTHETIC CONTROL TEST

Rosenbaum and Rubin (1983) characterize the propensity score as the probability of assignment to treatment conditional on pretreatment variables. The key insight is that conditional on this scalar function, treatment assignment will be independent of the outcome variable. Simply put, given some *observed* pretreatment variables, it is possible to identify the conditional probability of treatment. Correctly adjusting for this conditional probability allows for the bias associated with *observed* covariates to be statistically controlled. If these observed covariates are correlated with unobserved variables, these confounding factors will also be controlled for statistically. This methodology allows for a causal interpretation of the difference between outcomes associated with treatment and control.

Hirano et al. (2003) note that a useful adjustment is to weight observations according to their propensity scores. This adjustment effectively creates a balanced sample among treatment and control observations. Conveniently, when the estimate of interest is the treatment effect on the treated, only potential control observations need to be weighted. In this context, the weight that balances the sample and removes bias associated with pretreatment confounding factors is exactly the inverse of the propensity score. Ridgeway and MacDonald (2009) apply this technique in the context of policing data by matching the joint distribution of a particular officer's stop features to those of other officers. The analysis proceeds by extending this technique to develop synthetic controls of municipal police departments using microdata on police stops in combination with U.S. Census Bureau data on demographic and employment characteristics.

We begin using the dataset of k demographic and employment characteristics for county subdivision j in Rhode Island. This set of variables also contains characteristics, including the racial and ethnic composition of the town, age and gender demographics, population size, land area, population density, housing characteristics, commuter patterns, employment in retail and entertainment sectors, and the aggregate racial and ethnic composition of all contiguous towns. A detailed list of the stop-specific and town-level characteristics can be found in Appendix C, Table 28a. We then applied principal components analysis to reduce dimensionality and assure orthogonality. Components were selected using Guttman-Kaiser's stopping rule, which suggests only keeping those with an eigenvalue of 1.2 or larger.

Formally, the i 'th loading factor is simply:

$$w_{(i)} = \arg \max_{\|w\| = 1} \{ \sum_k [w \cdot x_j]^2 \}. \quad (5)$$

Indices were then constructed for each component satisfying Guttman-Kaiser's stopping rule where:

$$y_{j,(i)} = \sum_k w_{(i)} x_j \quad (6)$$

Next, we attach the components capturing residential demographic and economic characteristics to the traffic stop data. We then conduct a second principal components analysis using variables from the traffic stop data itself, again to reduce dimensionality and ensure orthogonality. Traffic stop characteristics include time of the day, day of the week, month, department traffic stop volume, officer traffic stop volume, and type of traffic stop.

We then estimate propensity scores for each j department using a logistic regression of the form:

$$\ln\left(\frac{F(j)}{1 - F(j)}\right) = \beta_0 + \sum_i y_{j,(i)} \quad (7)$$

Propensity scores p_j are used to construct weights $w_i = 1$ for the department of interest (i.e. the treatment group) and equal to $w_i = p_j / (1 - p_j)$ for stops made in all other departments. Applying a propensity score weight to stops made by other departments in the state creates a synthetic control group with a comparable distribution of stop-specific and town-level characteristics. The propensity score and resulting weight for those stops with characteristics that are drastically different than stops made by the department of interest will approach zero. As a result, the synthetic control will consist of stops that are similar, in terms of stop-specific and town-level characteristics, to those made by the department of interest. The construction of a synthetic control group using propensity scores allows the comparison to reflect the average treatment effect on the treated and abstract from potential bias in so far as the observable covariates control for selection into treatment.

Hirano and Imbens (2001) extend the weighting framework to what Robins and Ritov (1997) refer to as doubly robust estimation. That is, including additional covariates to a semi-parametric least-squares regression model enables the capture of a more precise estimate of the treatment effect. It is shown in both discussions that such an estimator is consistent if either of the models is specified correctly. Ridgeway and MacDonald (2009) further extend the doubly robust propensity score framework to policing data. Specifically, the authors look at whether the department of interest deviates from the synthetic control along the outcome dimension. Here, we provide estimates with and without so-called doubly-robust estimation of treatment effects.

Treatment effects are estimated using a logistic regression of the form:

$$\ln\left(\frac{F(m)}{1 - F(m)}\right) = w_i \left(\beta_0 + t(j) + \sum_i y_{j,(i)} \right) \quad (8)$$

Where $t(j)$ is an indicator of treatment and $\sum_i y_{j,(i)}$ is a series of covariates included in the propensity score where the dimensionality has been reduced using principal components. If a particular department is designated as a treatment to a group of stops, it follows that the outcome of interest would be the motorists' race. The question is then simply, does the intervention by a particular department result in a relatively higher stop rate of non-White motorists, controlling for all observable factors? Combining inverse propensity score weighting with regression analysis allows for a more precise answer to this question. In the circumstance where the synthetic control and individual department do not perfectly match along all dimensions of stop features, there is potential for bias in any comparison, especially if those features by which they differentiate relate to a motorist's race. Doubly robust estimation helps to remove this source of potential bias by controlling for these features, resulting in a much more accurate department effect. The share of non-White motorists stopped within a department was evaluated through a direct comparison with a unique synthetic control.

Table A.3: Variables Included in Synthetic Control Methodology

Variable	Primary Town		Border Town	
	Percent	Count	Percent	Count
Male 18 to 24	X			
Male 25 to 34	X			

Variable	Primary Town		Border Town	
	Percent	Count	Percent	Count
Male 35 to 54	X			
Male 55 to 64	X			
Male > 65	X			
Female 18 to 24	X			
Female 25 to 34	X			
Female 35 to 54	X			
Female 55 to 64	X			
Female 65+	X			
Total Population		X		X
White Population		X		X
Hispanic Population		X		X
Black Population		X		X
Asian + P.I. + N.A. Population		X		X
Other Population		X		X
Labor Force Participation	X			
Employment Rate	X			
Commute Alone	X			
Commute Carpool	X			
Commute Public Transit	X			
Commute Walk	X			
Income < 25k	X			
Income 26k to 50k	X			
Income 51k to 75k	X			
Income 76k to 100k	X			
Income 101k to 150k	X			
Income > 150k	X			
Employment Retail		X		
Employment Entertainment		X		
Vacant Housing		X		
Land Area		X		
Population Density		X		

Note 1: The source of all variables is the Census Bureau's 2016 American Community Survey 5 year estimates.

Note 2: Composite variables for border towns are constructed as weighted means where the weights are the length of each border segment.

A.4: METHODOLOGY FOR THE HIT-RATE TEST

The logic of the hit-rate test follows from a simplified game-theoretic exposition. In the absence of disparate treatment, the costs of searching different groups of individuals are equal. Police officers make decisions to search to maximize their expectations of finding contraband, the implication being that police will be more likely to search a group that has a higher probability of carrying contraband (i.e. participate in statistical discrimination). In turn, individuals from the targeted demography understand this aspect of police behavior and respond by lowering their rate of carrying contraband. This iterative process continues within demographic groups until, in equilibrium, it is expected that an equalization of hit-rates across groups is found.

Knowles et al. (2001) introduce disparate treatment via search costs incurred by officers that differ across demographic groups. An officer with a lower search cost for a specific demographic group will be more likely to search individuals from that group. The result of this action will be an observable increase in the number of targeted searches for that group. As above, the targeted group will respond rationally and reduce their exposure by carrying less contraband. Eventually, the added benefit associated with a higher probability of finding contraband in the non-targeted group will offset the lower cost of search for that group. As a result, one would expect the hit-rates to differ across demographic groups in the presence of disparate treatment.

Knowles et al. (2001) developed a theoretical model with testable implications that can be used to evaluate statistical disparities in the rate of searches across demographic groups. Following Knowles et al., an empirical test of the null hypothesis (that no racial or ethnic disparity exists) in Equation 9 is presented.

$$P(H = 1|m, S) = P(H = 1|S) \forall r, c \quad (9)$$

Equation 9 computes the probability of a search resulting in a hit across different demographic groups. If the null hypothesis was true and there was no racial or ethnic disparity across these groups, one would expect the hit-rates across non-White and White groups to reach equilibrium. As discussed previously, this expectation stems from a game-theoretic model where officers and individuals optimize their behaviors based on knowledge of the other party's actions. In more concrete terms, one would expect individuals to lower their propensity to carry contraband as searches increase while officers would raise their propensity to search vehicles that are more likely to have contraband. Essentially, the model allows for statistical discrimination but finds if there is bias-based discrimination.

An important cautionary note about hit-rate tests related to an implicit infra-marginality assumption is that several papers have explored generalizations and extensions of the framework and found that, in certain circumstances, empirical testing using hit-rate tests can suffer from the infra-marginality problem as well as differences in the direction of bias across officers (Antonovics and Knight 2004; Anwar and Fang 2006; Dharmapala and Ross 2003). Knowles and his colleagues responded to these critiques with further refinements of their model that provide additional evidence of its validity (Persico and Todd 2004). Although the results from a hit-rate analysis help contextualize post-stop activity within departments, the results should only be considered as supplementary evidence.

A.5: METHODOLOGY FOR THE CONDITIONAL OUTCOME TESTS

In this section, we describe the methodology for a simple test of equality in the distribution of outcomes for individuals of different races conditional on the reason that they were stopped. Specifically, we test whether traffic stops made of non-White individuals result in different outcomes relative to their non-Hispanic Caucasian peers. Since ex-ante it is unclear whether discrimination would create more or less severe traffic stop outcomes in the data, we simply test for equality in the distribution of outcomes ex-post. On the one hand, discriminatory police officers might treat non-White individuals more harshly conditional on the reason they were stopped. However, discriminatory police might also make more pretextual traffic stops for lower-level offenses motivated by the fact that they may observe evidence of a more severe crime once the vehicle is stopped. Rather than making untestable assumptions, we simply assume that the overall distribution of outcomes will be equal across race in the absence of disparate treatment. The intuition is similar to hit-rate style tests but where we are unable to ex-ante sign the direction that we expect bias to take.

We provide one important cautionary note about interpreting our test as causal evidence of discrimination. Ideally, this test would be performed on data containing detailed location information as well as information on the circumstances surrounding a stop. The data we were provided does not contain either piece of necessary information. We present the results of these tests to highlight key trends in the underlying data but caution the reader not to place a causal interpretation on the results. In the future, we would recommend that more detailed data is collected so that these tests can be refined and provide more informative results.

APPENDIX B: CHARACTERISTICS OF TRAFFIC STOPS DATA TABLES

Table B.1: Rate of Traffic Stops per 1,000 Residents (Sorted Alphabetically)

Town Name	2010 16 and Over Census Pop.	2021 Traffic Stops	Stops per Resident	Stops per 1,000 Residents
State of Rhode Island	857,232	206,965	0.24	241
Barrington	12,367	1826	0.15	148
Bristol	19,780	1,364	0.11	69
Burrillville	12,861	2,938	0.23	228
Central Falls	14,379	2,680	0.19	186
Charlestown	6,524	1,984	0.3	304
Coventry	28,302	3,706	0.13	131
Cranston	66,140	25,083	0.38	379
Cumberland	26,946	6,529	0.24	242
East Greenwich	10,202	1752	0.17	172
East Providence	39,050	4,763	0.12	122
Foster	3,790	182	0.05	48
Glocester	7,963	2,316	0.29	291
Hopkinton	6,586	1,824	0.28	277
Jamestown	4,533	1,901	0.42	419
Johnston	23,975	4,965	0.21	207
Lincoln	16,995	839	0.05	49
Little Compton	2,925	958	0.33	328
Middletown	12,911	4,628	0.36	358
Narragansett	13,937	6,587	0.47	473
Newport	21,076	3,821	0.18	181
North Kingstown	21,033	3,667	0.17	174
North Providence	27,300	4,406	0.16	161
North Smithfield	9,857	3,766	0.38	382
Pawtucket	56,572	10,677	0.19	189
Portsmouth	13,947	8,776	0.63	629
Providence	141,451	4,653	0.03	33
Richmond	6,080	837	0.14	138
Scituate	8,415	2071	0.25	246
Smithfield	18,325	4,320	0.24	236
South Kingstown	25,974	5,432	0.21	209
Tiverton	13,168	3,690	0.28	280
Warwick	68,889	12,803	0.19	186
West Greenwich	4,854	464	0.1	96
West Warwick	24,051	1,338	0.06	56
Westerly	18,571	5,143	0.28	277
Woonsocket	32,349	3,525	0.11	109

Table B.2: Basis for Stop (Sorted Alphabetically)

Department Name	Total	Speeding	Equipment/ Inspection Violation	Motorist Assist	Other Traffic Violation	Registration Violation	Seatbelt	Special Detail	Suspicious Person	Violation of ordinance	Call for Service
State of Rhode Island	206,965	34.6%	18.2%	0.7%	28.5%	7.7%	4.3%	0.8%	1.0%	0.4%	3.6%
Barrington	1,826	43.9%	19.4%	0.1%	21.1%	4.1%	7.4%	2.4%	0.2%	0.1%	1.4%
Bristol	1,364	33.5%	9.4%	0.0%	44.8%	4.0%	3.2%	0.1%	0.0%	0.0%	4.5%
Burrillville	2,938	64.7%	13.9%	0.1%	16.3%	0.6%	1.3%	0.0%	0.1%	0.0%	3.0%
Central Falls	2,680	15.4%	7.5%	0.1%	53.2%	3.9%	12.0%	1.9%	0.2%	3.3%	2.4%
Charlestown	1,984	71.7%	5.7%	0.3%	13.6%	3.5%	0.2%	1.0%	0.6%	0.2%	3.0%
Coventry	3,706	35.8%	18.7%	0.2%	30.8%	7.6%	1.6%	0.3%	0.4%	0.2%	4.3%
Cranston	25,083	13.7%	29.7%	3.8%	37.3%	7.6%	1.3%	0.9%	2.8%	0.8%	2.1%
Cumberland	6,529	35.8%	27.3%	0.3%	21.4%	2.4%	9.0%	0.1%	0.6%	0.1%	2.8%
East Greenwich	1,752	40.0%	22.8%	0.8%	24.7%	4.7%	0.6%	0.1%	1.8%	1.4%	3.1%
East Providence	4,763	12.8%	37.6%	0.5%	27.0%	9.8%	2.4%	0.7%	2.1%	0.8%	5.9%
Foster	182	81.9%	2.2%	1.1%	6.0%	0.5%	0.0%	0.0%	0.0%	0.0%	8.2%
Glocester	2,316	76.4%	8.4%	0.1%	11.2%	0.2%	0.7%	0.0%	0.1%	0.2%	2.8%
Hopkinton	1,824	71.2%	7.6%	0.5%	13.1%	3.1%	1.2%	0.0%	0.9%	0.1%	2.0%
Jamestown	1,901	57.8%	5.0%	0.4%	22.8%	3.1%	6.6%	2.6%	0.1%	0.2%	1.1%
Johnston	4,965	36.3%	19.1%	0.2%	28.1%	5.5%	3.3%	0.0%	0.1%	0.1%	7.1%
Lincoln	839	46.8%	7.3%	0.1%	24.3%	1.5%	5.2%	0.4%	1.0%	0.4%	12.5%
Little Compton	958	50.4%	17.7%	0.0%	17.6%	8.2%	4.6%	0.0%	0.3%	0.0%	0.8%
Middletown	4,628	39.6%	14.0%	0.1%	27.0%	13.5%	4.2%	0.0%	0.1%	0.0%	1.3%
Narragansett	6,587	48.9%	12.5%	0.3%	27.5%	6.4%	1.0%	0.2%	1.2%	0.0%	1.8%
Newport	3,821	17.2%	26.3%	0.1%	42.5%	8.6%	1.5%	0.8%	0.3%	0.1%	2.6%
North Kingstown	3,667	57.4%	7.7%	1.9%	25.8%	2.4%	0.8%	0.2%	0.4%	0.0%	2.5%
North Providence	4,406	17.7%	30.4%	0.0%	36.4%	3.8%	6.7%	0.6%	0.2%	0.1%	3.9%
North Smithfield	3,766	38.7%	29.2%	0.1%	19.9%	4.2%	6.6%	0.0%	0.1%	0.1%	0.8%
Pawtucket	10,677	29.5%	23.4%	0.3%	31.3%	5.5%	2.9%	0.1%	1.7%	0.4%	4.4%
Portsmouth	8,776	43.9%	23.8%	0.2%	25.9%	1.4%	4.2%	0.0%	0.1%	0.0%	0.5%
Providence	4,653	12.2%	14.8%	0.8%	47.2%	7.2%	3.2%	1.5%	7.6%	1.5%	2.8%
Richmond	837	68.2%	3.9%	0.6%	14.9%	5.3%	1.9%	0.0%	1.3%	0.0%	3.6%
RISP - Hope Valley	9,593	48.9%	14.7%	0.1%	18.7%	11.2%	3.6%	0.7%	0.1%	0.1%	1.7%
RISP - Lincoln	21,388	27.1%	14.2%	0.2%	30.0%	13.7%	7.7%	1.7%	0.1%	0.2%	5.0%
RISP - Portsmouth	754	66.8%	4.5%	0.5%	11.5%	4.1%	3.1%	5.4%	0.0%	0.8%	2.8%
RISP - Scituate	6,948	39.2%	20.8%	0.3%	18.1%	10.4%	6.2%	1.6%	0.1%	0.1%	3.2%
RISP - Wickford	10,794	44.7%	11.4%	0.2%	21.0%	14.2%	5.5%	0.8%	0.1%	0.2%	1.8%

Table B.2: Basis for Stop (Sorted Alphabetically)

Department Name	Total	Speeding	Equipment/ Inspection Violation	Motorist Assist	Other Traffic Violation	Registration Violation	Seatbelt	Special Detail	Suspicious Person	Violation of ordinance	Call for Service
Scituate	2,071	63.5%	5.5%	0.2%	16.1%	6.4%	0.8%	0.0%	0.4%	0.0%	7.0%
Smithfield	4,320	29.3%	14.2%	0.7%	20.6%	22.1%	0.6%	0.8%	1.1%	0.0%	10.5%
South Kingstown	5,432	56.7%	5.0%	0.5%	25.8%	4.4%	1.7%	0.2%	1.0%	0.1%	3.9%
Tiverton	3,690	31.5%	20.1%	0.6%	28.3%	2.4%	14.3%	0.0%	0.4%	0.1%	2.2%
Univ Of Rhode Island	1,274	24.5%	11.4%	0.4%	26.5%	10.7%	1.0%	23.6%	0.4%	0.1%	1.0%
Warwick	12,803	28.9%	14.7%	0.2%	35.5%	6.7%	8.5%	0.1%	0.4%	0.5%	4.5%
West Greenwich	464	67.2%	9.5%	0.0%	16.2%	2.8%	0.0%	0.0%	3.2%	0.0%	0.9%
West Warwick	1,338	41.6%	11.1%	0.1%	36.0%	4.0%	1.9%	0.0%	0.5%	0.1%	4.5%
Westerly	5,143	43.2%	11.4%	0.1%	30.1%	6.1%	2.6%	0.0%	0.3%	0.2%	5.7%
Woonsocket	3,525	18.1%	13.0%	0.5%	33.8%	6.4%	4.9%	0.1%	2.2%	1.4%	17.7%

Table B.3: Outcome of Stop (Sorted Alphabetically)

Department Name	N	Citation	Warning	Notice and Demand	Arrest Driver	Arrest Passenger	No Action
State of Rhode Island	206,965	38.5%	53.9%	0.8%	2.7%	0.2%	3.9%
Barrington	1,826	22.8%	73.7%	0.0%	3.2%	0.1%	0.3%
Bristol	1,364	27.3%	72.3%	0.0%	0.3%	0.0%	0.1%
Burrillville	2,938	24.4%	72.7%	0.0%	2.8%	0.0%	0.1%
Central Falls	2,680	40.0%	57.3%	0.0%	2.2%	0.1%	0.4%
Charlestown	1,984	12.3%	80.8%	0.1%	2.2%	0.1%	4.6%
Coventry	3,706	24.6%	73.5%	0.1%	0.8%	0.0%	1.0%
Cranston	25,083	12.9%	72.2%	2.2%	0.9%	0.1%	11.7%
Cumberland	6,529	33.4%	55.6%	1.5%	7.1%	0.4%	2.0%
East Greenwich	1,752	23.9%	70.8%	0.2%	2.1%	0.1%	2.9%
East Providence	4,763	23.4%	67.8%	2.6%	3.1%	0.4%	2.7%
Foster	182	63.7%	34.1%	0.0%	0.0%	0.0%	2.2%
Glocester	2,316	43.5%	55.8%	0.0%	0.5%	0.0%	0.2%
Hopkinton	1,824	41.3%	50.4%	1.2%	1.9%	0.1%	5.1%
Jamestown	1,901	40.1%	56.7%	0.1%	2.1%	0.0%	1.0%
Johnston	4,965	76.3%	21.5%	0.0%	1.2%	0.0%	1.0%
Lincoln	839	44.9%	50.8%	0.1%	2.4%	0.0%	1.8%
Little Compton	958	16.0%	79.9%	0.0%	3.8%	0.1%	0.3%
Middletown	4,628	25.1%	74.2%	0.0%	0.3%	0.0%	0.3%
Narragansett	6,587	24.5%	69.4%	0.2%	4.1%	0.2%	1.6%
Newport	3,821	14.7%	84.4%	0.0%	0.7%	0.0%	0.2%
North Kingstown	3,667	37.9%	54.2%	1.5%	3.0%	0.2%	3.3%
North Providence	4,406	56.7%	39.5%	0.0%	3.1%	0.0%	0.7%
North Smithfield	3,766	38.0%	47.6%	6.3%	6.2%	0.3%	1.6%
Pawtucket	10,677	40.0%	53.3%	0.9%	2.2%	0.2%	3.4%
Portsmouth	8,776	11.1%	83.0%	0.4%	3.7%	0.3%	1.5%
Providence	4,653	40.1%	43.5%	0.3%	5.5%	0.8%	9.7%
Richmond	837	42.8%	53.8%	0.1%	1.7%	0.0%	1.7%
RISP - Hope Valley	9,593	64.0%	32.8%	0.2%	1.0%	0.1%	1.9%
RISP - Lincoln	21,388	60.1%	31.4%	0.5%	2.8%	0.4%	4.8%
RISP - Portsmouth	754	82.5%	12.5%	0.5%	0.5%	0.0%	4.0%
RISP - Scituate	6,948	57.2%	33.8%	1.6%	1.2%	0.4%	5.9%
RISP - Wickford	10,794	71.1%	24.8%	0.1%	1.5%	0.2%	2.4%
Scituate	2,071	57.4%	34.7%	0.0%	2.0%	0.0%	5.8%
Smithfield	4,320	57.8%	31.4%	2.2%	2.2%	0.0%	6.3%
South Kingstown	5,432	32.5%	57.4%	1.1%	3.8%	0.1%	5.1%
Tiverton	3,690	24.5%	68.1%	0.1%	6.2%	0.2%	1.0%
Univ Of Rhode Island	1,274	54.5%	39.6%	2.0%	1.1%	0.0%	2.9%
Warwick	12,803	33.7%	59.8%	0.2%	4.7%	0.1%	1.4%
West Greenwich	464	23.7%	68.1%	0.6%	3.0%	0.0%	4.5%
West Warwick	1,338	30.4%	60.2%	0.9%	6.3%	0.1%	2.1%
Westerly	5,143	29.1%	68.7%	0.0%	1.1%	0.1%	1.0%
Woonsocket	3,525	36.2%	48.8%	0.6%	8.3%	0.8%	5.4%

Table B.4: Number of Searches (Sorted Alphabetically)

Department Name	Stops	Searches	
		N	%
State of Rhode Island	206,965	4,247	2.1%
Barrington	1,826	2	0.1%
Bristol	1,364	24	1.8%
Burrillville	2,938	67	2.3%
Central Falls	2,680	78	2.9%
Charlestown	1,984	23	1.2%
Coventry	3,706	114	3.1%
Cranston	25,083	108	0.4%
Cumberland	6,529	129	2.0%
East Greenwich	1,752	24	1.4%
East Providence	4,763	284	6.0%
Foster	182	0	0.0%
Glocester	2,316	24	1.0%
Hopkinton	1,824	47	2.6%
Jamestown	1,901	46	2.4%
Johnston	4,965	68	1.4%
Lincoln	839	3	0.4%
Little Compton	958	32	3.3%
Middletown	4,628	192	4.1%
Narragansett	6,587	119	1.8%
Newport	3,821	170	4.4%
North Kingstown	3,667	60	1.6%
North Providence	4,406	120	2.7%
North Smithfield	3,766	189	5.0%
Pawtucket	10,677	262	2.5%
Portsmouth	8,776	172	2.0%
Providence	4,653	462	9.9%
Richmond	837	11	1.3%
RISP - Hope Valley	9,593	36	0.4%
RISP - Lincoln	21,388	140	0.7%
RISP - Portsmouth	754	4	0.5%
RISP - Scituate	6,948	21	0.3%
RISP - Wickford	10,794	42	0.4%
Scituate	2,071	16	0.8%
Smithfield	4,320	38	0.9%
South Kingstown	5,432	156	2.9%
Tiverton	3,690	232	6.3%
Univ Of Rhode Island	1,274	1	0.1%
Warwick	12,803	113	0.9%
West Greenwich	464	23	5.0%
West Warwick	1,338	14	1.0%
Westerly	5,143	277	5.4%
Woonsocket	3,525	304	8.6%

APPENDIX C: SOLAR VISIBILITY ANALYSIS DATA TABLES

Table C.1: Aggregate Solar Visibility Analysis

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0414256	0.0162231	0.0630715	0.3211845	3,911
		Hispanic vs. White	0.0342473	0.0134668	0.0637712	0.2913198	3,763
		Any Non-White vs. White	0.039653	0.0191484	0.1071306	0.4455814	4,790
	2020	Black vs. White	0.0184082	0.0208509	0.4271843	0.2490098	3,356
		Hispanic vs. White	-0.0037299	0.0117481	0.7667508	0.243013	3,322
		Any Non-White vs. White	0.0147675	0.019395	0.488831	0.3764525	4,051
	2019	Black vs. White	0.0678633	0.026946	0.0654619	0.2444896	3,065
		Hispanic vs. White	0.092835	0.0395502	0.07875	0.2460203	3,061
		Any Non-White vs. White	0.0822157	0.0328613	0.0666311	0.3853233	3,761
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0428897	1.31E-02	0.0056585	0.2749247	10,332
		Hispanic vs. White	0.0414352	1.91E-02	0.0481482	0.261715	10,146
		Any Non-White vs. White	0.045487	1.60E-02	0.0132207	0.4053196	12,602
Municipal Police	2021	Black vs. White	0.0108102	0.0076549	0.2307483	0.2312988	30,828
		Hispanic vs. White	-0.0005007	0.0075884	0.9505588	0.2315878	30,860
		Any Non-White vs. White	0.0055663	0.008361	0.5420004	0.3590913	36,957
	2020	Black vs. White	0.0136583	0.0067877	0.1145071	0.2132062	26,230
		Hispanic vs. White	0.0253118	0.0045947	0.0052969	0.2225378	26,573
		Any Non-White vs. White	0.0226525	0.0052183	0.0122432	0.3442942	31,527
	2019	Black vs. White	0.0188394	0.0086745	0.0956155	0.1700342	38,991
		Hispanic vs. White	0.0051437	0.0079989	0.5552008	0.1743326	39,271
		Any Non-White vs. White	0.0190645	0.0104893	0.143289	0.2859313	45,327
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0148522	4.65E-03	0.006495	0.2015406	96,049
		Hispanic vs. White	0.0085637	0.0052607	0.1258435	0.2059255	96,704
		Any Non-White vs. White	0.015521	5.52E-03	0.0138184	0.3259267	113,811
All Agencies	2021	Black vs. White	0.0141454	0.0084919	0.1710922	0.2414271	34,739
		Hispanic vs. White	0.0028052	0.0079206	0.7410965	0.2380633	34,623
		Any Non-White vs. White	0.0090717	0.0094503	0.3914455	0.3690166	41,747
	2020	Black vs. White	0.0140348	0.006483	0.0963635	0.2172701	29,586
		Hispanic vs. White	0.0222308	0.004234	0.0062946	0.2248212	29,895
		Any Non-White vs. White	0.0215593	0.0042555	0.0071491	0.3479564	35,578
	2019	Black vs. White	0.0219064	0.008304	0.0576972	0.1754904	42,056
		Hispanic vs. White	0.010955	0.0096662	0.3203981	0.1795707	42,332
		Any Non-White vs. White	0.0231874	0.010893	0.1003598	0.2936014	49,088
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0172448	4.69E-03	0.0024975	0.2086869	106,381
		Hispanic vs. White	0.0112601	5.20E-03	0.0480206	0.211244	106,850
		Any Non-White vs. White	0.018007	5.66E-03	0.0066389	0.3338622	126,413

Table C.2: Robustness Test Excluding Endogenous Violations by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0271929	0.0222216	0.2882115	0.2978433	3,260
		Hispanic vs. White	0.0264889	0.0137337	0.1259958	0.2691105	3,149
		Any Non-White vs. White	0.0277514	0.023643	0.3056056	0.4215025	3,960
	2020	Black vs. White	0.029499	0.0210875	0.2344106	0.2411728	2,812
		Hispanic vs. White	0.0061218	0.0150739	0.705444	0.2314815	2,764
		Any Non-White vs. White	0.030107	0.0240881	0.2794818	0.3669122	3,373
	2019	Black vs. White	0.0407562	0.0286114	0.2274234	0.2376801	2,340
		Hispanic vs. White	0.0817209	0.0410961	0.1176478	0.2315629	2,320
		Any Non-White vs. White	0.0675909	0.0338074	0.1162101	0.3768206	2,864
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0319703	0.0128733	0.0262935	0.2621134	8,412
		Hispanic vs. White	0.0363776	0.0170418	0.0509553	0.245792	8,233
		Any Non-White vs. White	0.0401424	0.0156269	0.0222891	0.3908497	10,197
Municipal Police	2021	Black vs. White	0.0026535	0.0051292	0.6322156	0.2050835	23,061
		Hispanic vs. White	-0.0097484	0.0100449	0.3867585	0.2052375	23,097
		Any Non-White vs. White	-0.00403	0.0069828	0.5947707	0.3266599	27,226
	2020	Black vs. White	0.0096599	0.0072699	0.2546577	0.1917112	19,868
		Hispanic vs. White	0.0217501	0.006629	0.0304709	0.2053102	20,251
		Any Non-White vs. White	0.0163033	0.0074852	0.0949484	0.3201649	23,673
	2019	Black vs. White	0.0154674	0.0118915	0.263233	0.1508741	29,254
		Hispanic vs. White	0.0043406	0.0089573	0.6533059	0.1558363	29,471
		Any Non-White vs. White	0.0188597	0.0141934	0.2546581	0.2608927	33,621
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0097816	0.0055038	0.0972509	0.1794913	72,183
		Hispanic vs. White	0.0044717	0.0059312	0.4633836	0.1853411	72,819
		Any Non-White vs. White	0.0107282	0.0068181	0.137923	0.2987621	84,520
All Agencies	2021	Black vs. White	0.0057334	0.0068691	0.4508528	0.2166124	26,321
		Hispanic vs. White	-0.00559	0.0101715	0.6118495	0.2129001	26,246
		Any Non-White vs. White	-0.0001166	0.0085572	0.9897832	0.3387369	31,186
	2020	Black vs. White	0.0120002	0.0078496	0.2010531	0.197837	22,680
		Hispanic vs. White	0.0198013	0.0058123	0.0271079	0.2084682	23,015
		Any Non-White vs. White	0.0176987	0.006721	0.0579834	0.3259957	27,046
	2019	Black vs. White	0.0170463	0.0113756	0.2083692	0.157361	31,594
		Hispanic vs. White	0.0095982	0.0106657	0.4190471	0.1614231	31,791
		Any Non-White vs. White	0.0222125	0.0141854	0.1924376	0.2700726	36,485
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0119574	0.0054078	0.0441676	0.1881507	80,595
		Hispanic vs. White	0.0074226	0.0060079	0.2369872	0.191514	81,052
		Any Non-White vs. White	0.0135749	0.0068512	0.0675369	0.308717	94,717

Table C.3: Robustness Test with Controls for Individual Characteristics by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0374048	0.0164013	0.0847303	0.3211845	3,911
		Hispanic vs. White	0.0314936	0.0140445	0.0883856	0.2913198	3,763
		Any Non-White vs. White	0.0356437	0.0197964	0.1461519	0.4455814	4,790
	2020	Black vs. White	0.0160161	0.0195984	0.4596844	0.2490098	3,356
		Hispanic vs. White	-0.0089259	0.0133224	0.5395566	0.243013	3,322
		Any Non-White vs. White	0.0109971	0.0163245	0.5374534	0.3764525	4,051
	2019	Black vs. White	0.0642691	0.0277174	0.0812501	0.2444896	3,065
		Hispanic vs. White	0.0892582	0.0412053	0.0962201	0.2460203	3,061
		Any Non-White vs. White	0.0780631	0.0342795	0.0850435	0.3853233	3,761
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0395201	0.0131415	0.0094148	0.2749247	10,332
		Hispanic vs. White	0.0376773	0.0197462	0.0771026	0.261715	10,146
		Any Non-White vs. White	0.0415297	0.0161729	0.0223297	0.4053196	12,602
Municipal Police	2021	Black vs. White	0.0087968	0.0073992	0.3002414	0.2312988	30,828
		Hispanic vs. White	-0.002536	0.0074415	0.7504046	0.2315878	30,860
		Any Non-White vs. White	0.0030683	0.0082779	0.7296797	0.3590913	36,957
	2020	Black vs. White	0.0085307	0.0068532	0.2811633	0.2132062	26,230
		Hispanic vs. White	0.0212957	0.0051168	0.0141229	0.2225378	26,573
		Any Non-White vs. White	0.0169846	0.0058434	0.0438263	0.3442942	31,527
	2019	Black vs. White	0.0172744	0.0086472	0.1164247	0.1700342	38,991
		Hispanic vs. White	0.0035516	0.0079005	0.676325	0.1743326	39,271
		Any Non-White vs. White	0.0168862	0.0102463	0.1746908	0.2859313	45,327
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0122452	0.0047445	0.0217704	0.2015406	96,049
		Hispanic vs. White	0.0062129	0.0050676	0.2404273	0.2059255	96,704
		Any Non-White vs. White	0.0123582	0.0054	0.0381682	0.3259267	113,811
All Agencies	2021	Black vs. White	0.0119476	0.0081859	0.218192	0.2414271	34,739
		Hispanic vs. White	0.0007133	0.0076445	0.9301417	0.2380633	34,623
		Any Non-White vs. White	0.0064493	0.0092126	0.5224718	0.3690166	41,747
	2020	Black vs. White	0.0090864	0.0062371	0.2188856	0.2172701	29,586
		Hispanic vs. White	0.0180097	0.0046963	0.01854	0.2248212	29,895
		Any Non-White vs. White	0.0160002	0.0046645	0.0265307	0.3479564	35,578
	2019	Black vs. White	0.0202139	0.0083748	0.073265	0.1754904	42,056
		Hispanic vs. White	0.009256	0.0095915	0.3891796	0.1795707	42,332
		Any Non-White vs. White	0.0208658	0.0107553	0.1243704	0.2936014	49,088
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0145503	0.0047935	0.0089036	0.2086869	106,381
		Hispanic vs. White	0.0087773	0.0050383	0.1034032	0.211244	106,850
		Any Non-White vs. White	0.0147573	0.0055781	0.0191936	0.3338622	126,413

Table C.4: Robustness Test with Officer Fixed Effects by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0378097	0.0249118	0.2036862	0.3211845	3,825
		Hispanic vs. White	0.02835	0.0221206	0.2692268	0.2913198	3,675
		Any Non-White vs. White	0.0352953	0.0233255	0.2047905	0.4455814	4,707
	2020	Black vs. White	0.0414999	0.025647	0.1809471	0.2490098	3,288
		Hispanic vs. White	0.0013334	0.0164048	0.9391226	0.243013	3,249
		Any Non-White vs. White	0.0300686	0.0209568	0.2246666	0.3764525	3,981
	2019	Black vs. White	0.0600607	0.0221384	0.0533735	0.2444896	2,971
		Hispanic vs. White	0.0925364	0.0267351	0.0257888	0.2460203	2,967
		Any Non-White vs. White	0.0763696	0.0229904	0.0293291	0.3853233	3,665
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0456435	0.0134056	0.0042717	0.2749247	10,084
		Hispanic vs. White	0.0394705	0.0165914	0.0321361	0.261715	9,891
		Any Non-White vs. White	0.0458804	0.0138429	0.0051139	0.4053196	12,353
Municipal Police	2021	Black vs. White	0.0155926	0.0069653	0.088758	0.2312988	30,711
		Hispanic vs. White	0.0010668	0.0087944	0.9092989	0.2315878	30,748
		Any Non-White vs. White	0.0102341	0.0080795	0.2740057	0.3590913	36,848
	2020	Black vs. White	0.01853	0.0065718	0.0478466	0.2132062	26,114
		Hispanic vs. White	0.0312314	0.0057817	0.0056856	0.2225378	26,463
		Any Non-White vs. White	0.0291804	0.0047194	0.0034767	0.3442942	31,407
	2019	Black vs. White	0.0204746	0.0094438	0.0960192	0.1700342	38,881
		Hispanic vs. White	0.0094735	0.0076078	0.2810142	0.1743326	39,163
		Any Non-White vs. White	0.0224819	0.0112217	0.1156621	0.2859313	45,224
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.018364	0.0045709	0.0012714	0.2015406	95,706
		Hispanic vs. White	0.0122176	0.005621	0.0473865	0.2059255	96,374
		Any Non-White vs. White	0.0200849	0.0056423	0.0031397	0.3259267	113,479
All Agencies	2021	Black vs. White	0.0179442	0.0078758	0.0849374	0.2414271	34,536
		Hispanic vs. White	0.0034982	0.0089642	0.7162506	0.2380633	34,423
		Any Non-White vs. White	0.0127253	0.0088328	0.2231047	0.3690166	41,555
	2020	Black vs. White	0.0209038	0.0066416	0.0346003	0.2172701	29,402
		Hispanic vs. White	0.0284262	0.0048287	0.0041624	0.2248212	29,712
		Any Non-White vs. White	0.0292722	0.00366	0.0013252	0.3479564	35,388
	2019	Black vs. White	0.0227083	0.0084531	0.0548642	0.1754904	41,852
		Hispanic vs. White	0.0144613	0.0085402	0.1656449	0.1795707	42,130
		Any Non-White vs. White	0.0256613	0.0109613	0.0792852	0.2936014	48,889
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0206414	0.0043881	0.0003387	0.2086869	105,790
		Hispanic vs. White	0.0144213	0.0053923	0.0181417	0.211244	106,265
		Any Non-White vs. White	0.0222026	0.0055393	0.0012951	0.3338622	125,832

Table C.5: Robustness Test with Daylight Savings Time by Year

Level	Window	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021 Spring - 2021 Fall	5	Black vs. White	-0.0061253	0.0447031	0.8976344	0.2864865	740
			Hispanic vs. White	-0.0035025	0.0103862	0.7528988	0.2727273	726
			Any Non-White vs. White	0.0244098	0.0167743	0.2193144	0.4185022	908
	2020 Fall - 2021 Spring	4	Black vs. White	0.0381269	0.0522937	0.4844856	0.2786885	732
			Hispanic vs. White	0.072962	0.066997	0.3044391	0.256338	710
			Any Non-White vs. White	0.0803314	0.0563455	0.1877048	0.4054054	888
	2020 Spring - 2020 Fall	3	Black vs. White	-0.0231186	0.099041	0.8268912	0.2436823	554
			Hispanic vs. White	0.0029347	0.0706837	0.9688717	0.2531194	561
			Any Non-White vs. White	-0.0100187	0.0874796	0.9143395	0.3774146	673
	2019 Fall - 2020 Spring	2	Black vs. White	-0.0502043	0.0533289	0.3710762	0.2217328	681
			Hispanic vs. White	-0.098039	0.0751855	0.224609	0.2363112	694
			Any Non-White vs. White	-0.0682058	0.084824	0.4420673	0.3682956	839
	2019 Spring - 2019 Fall	1	Black vs. White	0.0345262	0.0742763	0.6662257	0.2315341	704
			Hispanic vs. White	0.0803725	0.0884206	0.4147764	0.2193362	693
			Any Non-White vs. White	0.1079947	0.0877348	0.2857818	0.3716609	861
	2019 Spring - 2021 Fall	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0038781	0.0386941	0.9215877	0.2552553	1,998
			Hispanic vs. White	0.0218737	0.0394296	0.5878167	0.2484848	1,980
			Any Non-White vs. White	0.0411371	0.0413573	0.3367761	0.3906634	2,442
Municipal Police	2021 Spring - 2021 Fall	5	Black vs. White	0.0226412	0.0090842	0.0673142	0.2545477	8,081
			Hispanic vs. White	0.0045432	0.0133799	0.7512713	0.2507463	8,040
			Any Non-White vs. White	0.0154382	0.0084225	0.1407408	0.3808202	9,729
	2020 Fall - 2021 Spring	4	Black vs. White	-0.0028307	0.0212314	0.8968688	0.2291512	8,082
			Hispanic vs. White	-0.0007686	0.0195703	0.9695286	0.2243526	8,032
			Any Non-White vs. White	-0.0058612	0.0190016	0.7647551	0.3531305	9,631
	2020 Spring - 2020 Fall	3	Black vs. White	-0.0106829	0.0170974	0.5659592	0.2121072	6,492
			Hispanic vs. White	0.0022996	0.0178699	0.9038163	0.2209869	6,566
			Any Non-White vs. White	0.0043787	0.0176701	0.8164858	0.3463259	7,825
	2019 Fall - 2020 Spring	2	Black vs. White	-0.0129797	0.0177164	0.482422	0.2018375	6,966
			Hispanic vs. White	0.0007453	0.0116881	0.9505525	0.2169014	7,100
			Any Non-White vs. White	-0.0015885	0.0148487	0.9171518	0.3361987	8,376
	2019 Spring - 2019 Fall	1	Black vs. White	-0.0022387	0.012546	0.8670543	0.165611	9,631
			Hispanic vs. White	-0.0039488	0.0122488	0.7633094	0.1763018	9,756
			Any Non-White vs. White	-0.0110739	0.0157564	0.520919	0.2842255	11,227
	2019 Spring - 2021 Fall	Combined Years - 2021, 2020 & 2019	Black vs. White	0.002902	0.0079344	0.7200218	0.2077756	24,204
			Hispanic vs. White	0.0013162	0.0076048	0.8650663	0.2129136	24,362
			Any Non-White vs. White	0.0022375	0.0083866	0.793512	0.3337619	28,781
All Agencies	2021 Spring - 2021 Fall	5	Black vs. White	0.0205649	0.0057209	0.0228665	0.2572271	8,821
			Hispanic vs. White	0.004814	0.0128895	0.7277409	0.2525667	8,766
			Any Non-White vs. White	0.0168633	0.0074724	0.0869923	0.3840368	10,637
	2020 Fall - 2021 Spring	4	Black vs. White	0.0013404	0.0201951	0.9485333	0.2332653	8,814
			Hispanic vs. White	0.0061982	0.0204471	0.7686782	0.2269503	8,742
			Any Non-White vs. White	0.001722	0.0197817	0.9325369	0.3575435	10,519
	2020 Spring - 2020 Fall	3	Black vs. White	-0.0106347	0.0167138	0.559181	0.2145898	7,046
			Hispanic vs. White	0.0009641	0.0157832	0.9542243	0.2235162	7,127
			Any Non-White vs. White	0.0027914	0.0194414	0.8927748	0.348788	8,498
	2019 Fall - 2020 Spring	2	Black vs. White	-0.0182697	0.0161778	0.2879686	0.2036093	7,647
			Hispanic vs. White	-0.0071518	0.0131836	0.6006619	0.2186297	7,794
			Any Non-White vs. White	-0.0077444	0.0152108	0.6229017	0.339121	9,215
	2019 Spring - 2019 Fall	1	Black vs. White	-0.0007694	0.0072564	0.9206682	0.1701016	10,335
			Hispanic vs. White	0.0021355	0.0086752	0.8176724	0.1791559	10,449
			Any Non-White vs. White	-0.0024546	0.0099541	0.8173606	0.2904533	12,088
	2019 Spring - 2021 Fall	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0026485	0.0064602	0.6880307	0.2113961	26,202
			Hispanic vs. White	0.0030096	0.006177	0.6336362	0.2155873	26,342
			Any Non-White vs. White	0.0052001	0.0068817	0.4623903	0.3382122	31,223

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.020298	0.0349731	0.5927784	0.1006944	514	0.847262
	Hispanic vs. White		0.0048812	0.0349647	0.8957192	0.0615942	492	0.962346
	Any Non-White vs. White		-0.0143268	0.0356359	0.7082163	0.1790808	559	0.8065797
	Black vs. White	3 YR	-0.0293132	0.0204613	0.1739191	0.0804677	1,315	0.3352176
	Hispanic vs. White		-0.0017492	0.0195237	0.9298782	0.0497512	1,271	0.9531251
	Any Non-White vs. White		-0.025864	0.0179224	0.1709895	0.1451407	1,407	0.3894761
Bristol	Black vs. White	1 YR	-0.0128548	0.0212675	0.5781649	0.0289256	209	0.847262
	Hispanic vs. White		0.0008555	0.0151862	0.9577783	0.012605	204	0.962346
	Any Non-White vs. White		0.0154051	0.0309418	0.6447003	0.0524194	214	0.7940258
	Black vs. White	3 YR	-0.0129594	0.0114172	0.2754059	0.0450017	2,580	0.470485
	Hispanic vs. White		0.0072341	0.009899	0.4769621	0.0249035	2,525	0.7191863
	Any Non-White vs. White		-0.006625	0.0172349	0.7064625	0.0686767	2,644	0.8275704
Burrillville	Black vs. White	1 YR	0.0039976	0.0055107	0.5083579	0.0300207	851	0.847262
	Hispanic vs. White		0.0358952	0.0126615	0.0471066	0.0525784	874	0.2759103
	Any Non-White vs. White		0.0291333	0.0090257	0.0320424	0.0795678	897	0.290063
	Black vs. White	3 YR	0.01299	0.0089539	0.1688816	0.0304496	3,121	0.3352176
	Hispanic vs. White		0.0209818	0.0079942	0.0199949	0.0445878	3,170	0.1258295
	Any Non-White vs. White		0.0196099	0.010104	0.0726899	0.071915	3,257	0.2483573
Central Falls	Black vs. White	1 YR	-0.0533754	0.0517537	0.360658	0.521146	671	0.847262
	Hispanic vs. White		-0.0468695	0.0357354	0.2598794	0.6436548	908	0.7610753
	Any Non-White vs. White		-0.0332367	0.0358427	0.4062605	0.7209857	1,158	0.7571219
	Black vs. White	3 YR	0.0193696	0.0311655	0.5442543	0.4670959	2,573	0.6973258
	Hispanic vs. White		-0.0008142	0.0169614	0.9623927	0.6375577	3,805	0.9623927
	Any Non-White vs. White		0.009295	0.0173854	0.6012873	0.7072691	4,701	0.7470539
Charlestown	Black vs. White	1 YR	-0.012713	0.0232958	0.614265	0.0585586	380	0.847262
	Hispanic vs. White		0.0343607	0.0160087	0.0983807	0.027907	366	0.9131395
	Any Non-White vs. White		-0.0065601	0.0152065	0.6884109	0.0893246	394	0.8064242
	Black vs. White	3 YR	0.0193176	0.0129975	0.1593815	0.0372478	1,710	0.3352176
	Hispanic vs. White		0.0141153	0.0133207	0.3072434	0.0312337	1,701	0.5476947
	Any Non-White vs. White		0.0340808	0.0087819	0.0016634	0.0855037	1,805	0.0227311
Coventry	Black vs. White	1 YR	-0.0024357	0.0201755	0.9097302	0.046549	567	0.9138536
	Hispanic vs. White		-0.0065683	0.0222489	0.7825148	0.0526316	575	0.9490287
	Any Non-White vs. White		-0.0071107	0.0312269	0.8310371	0.0986343	601	0.8666953
	Black vs. White	3 YR	0.0016062	0.0088112	0.8579677	0.0469279	1,872	0.901966
	Hispanic vs. White		-0.0094262	0.0082018	0.2696927	0.0385554	1,857	0.5026091
	Any Non-White vs. White		-0.012172	0.009469	0.2194919	0.087963	1,955	0.4443899
Cranston	Black vs. White	1 YR	0.0342876	0.0211314	0.1799974	0.282416	3,746	0.5999913
	Hispanic vs. White		0.0099514	0.0236231	0.6952191	0.3483693	4,119	0.9490287
	Any Non-White vs. White		0.0099645	0.0209038	0.6584604	0.4657986	5,029	0.7940258
	Black vs. White	3 YR	0.0366753	0.0155474	0.0333891	0.2772391	11,348	0.1711191
	Hispanic vs. White		0.0044481	0.0211664	0.8365783	0.3319346	12,283	0.9527698
	Any Non-White vs. White		0.0151347	0.017255	0.3952237	0.4530049	14,990	0.5787205
Cumberland	Black vs. White	1 YR	-0.0189552	0.0257867	0.503064	0.2063228	1,071	0.847262
	Hispanic vs. White		-0.0098737	0.052411	0.8597425	0.2337349	1,113	0.962346
	Any Non-White vs. White		-0.0255519	0.0478843	0.6218801	0.3558407	1,324	0.7940258
	Black vs. White	3 YR	-0.0333533	0.0156875	0.0517659	0.1474889	2,827	0.2358224
	Hispanic vs. White		-0.0341327	0.0253045	0.1987907	0.1843066	2,968	0.5026091
	Any Non-White vs. White		-0.05359	0.0244457	0.0457634	0.2846092	3,386	0.1705728
East Greenwich	Black vs. White	1 YR	-0.026898	0		0.0704225	385	
	Hispanic vs. White		-0.0466641	0.015831	0.0420683	0.0548926	379	0.2759103
	Any Non-White vs. White		-0.0687609	0.0324295	0.1013055	0.1334792	413	0.4153525
	Black vs. White	3 YR	-0.0307648	0.0089792	0.0040936	0.0862291	712	0.0419591
	Hispanic vs. White		-0.0292574	0.0242972	0.2484977	0.073107	701	0.5026091
	Any Non-White vs. White		-0.0550078	0.0291647	0.0801988	0.1435464	760	0.2529346
East Providence	Black vs. White	1 YR	0.006081	0.0427953	0.8938743	0.3003096	837	0.9138536
	Hispanic vs. White		-0.0022198	0.0431206	0.9614124	0.2338983	756	0.962346
	Any Non-White vs. White		0.0086356	0.0341884	0.8130353	0.4057844	986	0.8666953
	Black vs. White	3 YR	0.0096139	0.0161966	0.5622648	0.2882142	4,213	0.6985714
	Hispanic vs. White		0.0118386	0.0227049	0.6102298	0.204149	3,773	0.7358654
	Any Non-White vs. White		0.0224467	0.0196847	0.2732872	0.3790693	4,842	0.4668656
Foster	Black vs. White	1 YR	-0.0882638	0.0481085	0.2079857	0.075	69	0.6399559
	Hispanic vs. White		-0.0309132	0.0582647	0.6487404	0.0632911	68	0.9490287
	Any Non-White vs. White		-0.1060389	0.1154515	0.4553315	0.1590909	76	0.7896729
	Black vs. White	3 YR	0.0226394	0.0350676	0.5306944	0.0708812	449	0.6973258
	Hispanic vs. White		0.0357163	0.0454093	0.4468055	0.0690979	449	0.704578
	Any Non-White vs. White		0.0377052	0.0492567	0.4587757	0.150613	490	0.6228438

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Glocester	Black vs. White	1 YR	-0.0021007	0.0057884	0.7350281	0.0748614	1,002	0.8771705
	Hispanic vs. White		-0.0009544	0.0079145	0.9098306	0.0520833	982	0.962346
	Any Non-White vs. White		-0.0118473	0.0091067	0.2631578	0.1102222	1,039	0.7536888
	Black vs. White	3 YR	-0.0052367	0.0028417	0.0866242	0.0565276	2,049	0.2536851
	Hispanic vs. White		-0.0112006	0.0042956	0.0206748	0.0492767	2,039	0.1258295
	Any Non-White vs. White		-0.014823	0.0039685	0.0022177	0.0966495	2,135	0.0227311
Hopkinton	Black vs. White	1 YR	0.0066279	0.0337066	0.8612891	0.0608856	487	0.9138536
	Hispanic vs. White		0.0266417	0.0144824	0.1396657	0.0556586	482	0.4771913
	Any Non-White vs. White		0.0220099	0.0308586	0.5150946	0.1254296	520	0.7940258
	Black vs. White	3 YR	0.0178345	0.0149626	0.2530978	0.0527197	1,073	0.4511743
	Hispanic vs. White		0.0254903	0.0103767	0.0276954	0.0439189	1,060	0.1419391
	Any Non-White vs. White		0.0205314	0.0152957	0.200862	0.1149335	1,142	0.4334391
Jamestown	Black vs. White	1 YR	0.0413652	0.0306712	0.2487427	0.0852995	497	0.7106935
	Hispanic vs. White		0.0641617	0.02489	0.0614694	0.0683919	489	0.2936139
	Any Non-White vs. White		0.0727735	0.0323496	0.0876844	0.1399317	527	0.4153525
	Black vs. White	3 YR	0.0071261	0.0166651	0.6754422	0.0814585	1,175	0.7771053
	Hispanic vs. White		0.0308496	0.02461	0.2305403	0.0669819	1,157	0.5026091
	Any Non-White vs. White		0.0224796	0.0212224	0.3074251	0.1389091	1,250	0.4847857
Johnston	Black vs. White	1 YR	0.018238	0.0290531	0.5642251	0.1841764	703	0.847262
	Hispanic vs. White		-0.0641756	0.061599	0.3563168	0.2494033	756	0.8900875
	Any Non-White vs. White		-0.0624696	0.0495271	0.2757398	0.3508772	877	0.7536888
	Black vs. White	3 YR	0.0038128	0.0175485	0.8311287	0.1655765	2,241	0.8967441
	Hispanic vs. White		0.0236187	0.0400002	0.5642905	0.2168074	2,377	0.7229972
	Any Non-White vs. White		0.0086912	0.0400143	0.8311843	0.3205726	2,752	0.8968041
Lincoln	Black vs. White	1 YR	-0.0400916	0.1023078	0.7151344	0.1889764	118	0.8771705
	Hispanic vs. White		-0.0886685	0.028112	0.0343776	0.2313433	123	0.2759103
	Any Non-White vs. White		-0.0301375	0.0494629	0.5752386	0.3641975	150	0.7940258
	Black vs. White	3 YR	-0.0234374	0.0660147	0.728258	0.2128603	404	0.8069886
	Hispanic vs. White		-0.032659	0.0516435	0.5380946	0.2316017	414	0.7229972
	Any Non-White vs. White		0.0050181	0.0583286	0.9327526	0.3533698	494	0.9347498
Little Compton	Black vs. White	1 YR	-0.0456688	0.0161104	0.0471182	0.0536398	224	0.269247
	Hispanic vs. White		-0.0208418	0.0534096	0.7162583	0.0714286	227	0.9490287
	Any Non-White vs. White		-0.0615355	0.0632553	0.3857332	0.1178571	237	0.7571219
	Black vs. White	3 YR	-0.0309479	0.016539	0.0823613	0.0430925	680	0.2536851
	Hispanic vs. White		0.0034304	0.0253629	0.8943374	0.0644362	696	0.9531251
	Any Non-White vs. White		-0.0232783	0.031414	0.4709307	0.1096698	730	0.6228438
Middletown	Black vs. White	1 YR	0.0435925	0.0499767	0.432298	0.2642857	1,261	0.847262
	Hispanic vs. White		0.0190405	0.0322045	0.5861552	0.1293322	1,069	0.8900875
	Any Non-White vs. White		0.0386506	0.0478086	0.4641726	0.3333333	1,392	0.7896729
	Black vs. White	3 YR	0.0155257	0.037149	0.6823364	0.2187125	2,197	0.7771053
	Hispanic vs. White		0.0022353	0.0233224	0.9250025	0.1166365	1,942	0.9531251
	Any Non-White vs. White		0.0098463	0.0363277	0.7903156	0.2915156	2,424	0.8800565
Narragansett	Black vs. White	1 YR	0.0183116	0.0357657	0.6356301	0.0882695	1,570	0.8475068
	Hispanic vs. White		0.0104617	0.0132797	0.4748777	0.072104	1,546	0.8900875
	Any Non-White vs. White		0.0474285	0.0221862	0.0993391	0.1504329	1,689	0.4153525
	Black vs. White	3 YR	0.011655	0.0167283	0.4973819	0.0875106	4,221	0.6797553
	Hispanic vs. White		0.0103681	0.0115492	0.3845056	0.0624182	4,116	0.6568638
	Any Non-White vs. White		0.0302245	0.0173223	0.102915	0.1435407	4,506	0.301394
Newport	Black vs. White	1 YR	0.068365	0.0362466	0.1323439	0.2055944	619	0.5190315
	Hispanic vs. White		0.0476417	0.0564306	0.4460631	0.1393939	570	0.8900875
	Any Non-White vs. White		0.0939078	0.0436252	0.0976957	0.301353	704	0.4153525
	Black vs. White	3 YR	0.0541817	0.0262026	0.0576604	0.1728956	2,513	0.2364077
	Hispanic vs. White		0.01591	0.0186155	0.4071264	0.1107773	2,339	0.6676873
	Any Non-White vs. White		0.0632142	0.0273778	0.0367207	0.25558	2,792	0.1505551
North Kingstown	Black vs. White	1 YR	-0.0616886	0.0101863	0.0037524	0.0936675	676	0.0750476
	Hispanic vs. White		-0.0279535	0.0422275	0.5441785	0.0665761	659	0.8900875
	Any Non-White vs. White		-0.0724611	0.0380513	0.1295943	0.1539409	725	0.4830332
	Black vs. White	3 YR	-0.0293722	0.0198182	0.1604755	0.0792952	2,175	0.3352176
	Hispanic vs. White		-0.0265404	0.0164741	0.1294805	0.0662063	2,147	0.4423918
	Any Non-White vs. White		-0.0358014	0.0244889	0.1658389	0.1428039	2,339	0.3894761
North Providence	Black vs. White	1 YR	0.105433	0.0033586	0.00000614	0.3879173	1,121	0.0002455
	Hispanic vs. White		0.0310289	0.0447907	0.526583	0.3770227	1,108	0.8900875
	Any Non-White vs. White		0.0628909	0.016606	0.0193148	0.5367028	1,478	0.2900663
	Black vs. White	3 YR	0.0788402	0.0218517	0.002853	0.350437	3,173	0.0389915
	Hispanic vs. White		0.027802	0.0225669	0.2382472	0.3310105	3,073	0.5026091
	Any Non-White vs. White		0.0538781	0.017426	0.0079607	0.4923992	4,055	0.0543979

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Smithfield	Black vs. White	1 YR	-0.0160501	0.0461614	0.7455949	0.2455516	511	0.8771705
	Hispanic vs. White		-0.0414661	0.0699794	0.5853592	0.2825719	528	0.8900875
	Any Non-White vs. White		-0.0367744	0.064605	0.5996477	0.3985816	626	0.7940258
	Black vs. White	3 YR	-0.0178859	0.0216744	0.4230903	0.2490185	1,615	0.6195251
	Hispanic vs. White		-0.0181661	0.0295738	0.5488945	0.2614451	1,634	0.7229972
	Any Non-White vs. White		-0.0122072	0.0271443	0.6597987	0.3888635	1,974	0.7956396
Pawtucket	Black vs. White	1 YR	0.0524251	0.0271174	0.1253438	0.5384616	1,769	0.5190315
	Hispanic vs. White		0.0272171	0.0328688	0.4541856	0.4855196	1,584	0.8900875
	Any Non-White vs. White		0.0403531	0.0182062	0.0909709	0.6473336	2,308	0.4153525
	Black vs. White	3 YR	0.0016526	0.0270078	0.952073	0.473098	4,234	0.952073
	Hispanic vs. White		0.0116083	0.0164185	0.4911516	0.4271024	3,905	0.7191863
	Any Non-White vs. White		0.0052148	0.0196126	0.7941973	0.5928873	5,485	0.8800565
Portsmouth	Black vs. White	1 YR	-0.0144824	0.0209134	0.5267296	0.180839	1,553	0.847262
	Hispanic vs. White		-0.0081209	0.0127901	0.5599759	0.1102217	1,430	0.8900875
	Any Non-White vs. White		-0.0220775	0.0211221	0.3549176	0.2597336	1,726	0.7571219
	Black vs. White	3 YR	0.0435154	0.0219739	0.0676689	0.1677966	4,686	0.248585
	Hispanic vs. White		0.0198609	0.0129694	0.1479601	0.1099698	4,384	0.4666432
	Any Non-White vs. White		0.0415918	0.024547	0.1123135	0.2511439	5,217	0.3069902
Providence	Black vs. White	1 YR	-0.1164104	0.0408439	0.0463898	0.6473933	923	0.269247
	Hispanic vs. White		-0.1154157	0.0210554	0.0053932	0.692053	1,070	0.0549531
	Any Non-White vs. White		-0.0881051	0.0199503	0.0115447	0.7733089	1,444	0.290063
	Black vs. White	3 YR	-0.0429472	0.0304649	0.1804477	0.673463	2,818	0.3352176
	Hispanic vs. White		-0.0365253	0.027961	0.2125073	0.7053496	3,139	0.5026091
	Any Non-White vs. White		-0.0264087	0.0219898	0.249696	0.7906696	4,414	0.4443899
Richmond	Black vs. White	1 YR	-0.049766	0.0554166	0.4199362	0.0498084	239	0.847262
	Hispanic vs. White		0.0389065	0.0024426	0.0000908	0.0461538	237	0.0018617
	Any Non-White vs. White		-0.0061274	0.0179418	0.7499021	0.1046931	254	0.8309726
	Black vs. White	3 YR	-0.0175212	0.0211022	0.4203021	0.0548986	1,056	0.6195251
	Hispanic vs. White		0.0274509	0.0013819	1.18E-11	0.0361757	1,036	4.83E-10
	Any Non-White vs. White		-0.0036111	0.0222175	0.8732075	0.1119048	1,126	0.9179874
RISP - Hope Valley	Black vs. White	1 YR	0.0892867	0.0490353	0.1427337	0.2639792	684	0.5190315
	Hispanic vs. White		0.1174615	0.0001255	7.81E-12	0.226776	653	3.2E-10
	Any Non-White vs. White		0.1207127	0.0386346	0.0353735	0.3814208	809	0.290063
	Black vs. White	3 YR	0.1119515	0.0209445	0.0001034	0.2398589	2,021	0.0042376
	Hispanic vs. White		0.1101619	0.0142328	0.00000201	0.2131447	1,957	0.0000412
	Any Non-White vs. White		0.1285685	0.0174161	0.00000345	0.3659434	2,422	0.0001413
RISP - Lincoln	Black vs. White	1 YR	0.039678	0.0172376	0.0827724	0.4417606	1,663	0.4138622
	Hispanic vs. White		-0.0021483	0.0153127	0.8952074	0.393586	1,536	0.962346
	Any Non-White vs. White		0.0188646	0.0149518	0.2756196	0.5589483	2,105	0.7536888
	Black vs. White	3 YR	0.0402274	0.0237637	0.1126158	0.4004278	3,726	0.2885779
	Hispanic vs. White		0.0222472	0.033409	0.5162954	0.3731677	3,550	0.7229972
	Any Non-White vs. White		0.0282642	0.0256842	0.289698	0.5310409	4,758	0.4751048
RISP - Portsmouth	Black vs. White	1 YR	0.1408764	0.0470033	0.0400539	0.1269841	56	0.269247
	Hispanic vs. White		0.2174651	0.0194989	0.0003679	0.0677966	53	0.0050277
	Any Non-White vs. White		0.2919726	0.0852618	0.0266716	0.1666667	59	0.290063
	Black vs. White	3 YR	0.2344273	0.0939601	0.0268423	0.1376812	115	0.1572193
	Hispanic vs. White		0.2495183	0.0782446	0.0065632	0.0775194	109	0.0672726
	Any Non-White vs. White		0.2937992	0.0865298	0.0043529	0.1678322	120	0.0356941
RISP - Scituate	Black vs. White	1 YR	0.0204157	0.0474606	0.6892413	0.2584034	431	0.8771705
	Hispanic vs. White		-0.0172919	0.0598507	0.7869994	0.2810591	443	0.9490287
	Any Non-White vs. White		0.01218	0.0717423	0.8734277	0.4047218	537	0.8734277
	Black vs. White	3 YR	0.0370775	0.0215656	0.1075831	0.2079051	1,130	0.2885779
	Hispanic vs. White		0.0546434	0.0467045	0.2615408	0.2141176	1,130	0.5026091
	Any Non-White vs. White		0.0647086	0.0408928	0.1358816	0.3337766	1,343	0.3481966
RISP - Wickford	Black vs. White	1 YR	0.0297086	0.0432219	0.5296414	0.2075472	1,077	0.847262
	Hispanic vs. White		0.0821212	0.0324192	0.0644518	0.2003311	1,078	0.2936139
	Any Non-White vs. White		0.0512295	0.0492209	0.3567365	0.3305613	1,280	0.7571219
	Black vs. White	3 YR	0.0094163	0.0192626	0.632527	0.1828617	3,338	0.7627531
	Hispanic vs. White		0.03007	0.0254049	0.2562696	0.1938372	3,399	0.5026091
	Any Non-White vs. White		0.0201658	0.0264711	0.4588198	0.3087173	3,958	0.6228438
Scituate	Black vs. White	1 YR	-0.1155426	0.0898086	0.267666	0.0912698	225	0.7137759
	Hispanic vs. White		-0.0551849	0.0829989	0.542496	0.084	222	0.8900875
	Any Non-White vs. White		-0.0622282	0.0890405	0.5231322	0.1611722	243	0.7940258
	Black vs. White	3 YR	-0.0058958	0.0528513	0.9127606	0.054878	584	0.9355796
	Hispanic vs. White		0.0140501	0.039412	0.7267874	0.0620272	586	0.8513796
	Any Non-White vs. White		0.044628	0.0466197	0.3546673	0.1168091	624	0.5385689

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Smithfield	Black vs. White	1 YR	0.0251281	0.0336774	0.4970453	0.1264489	850	0.847262
	Hispanic vs. White		0.0378198	0.0181086	0.1050084	0.0969499	828	0.391395
	Any Non-White vs. White		0.0537129	0.0322531	0.1711719	0.1998069	934	0.5848373
	Black vs. White	3 YR	0.051594	0.02047	0.0244782	0.1071713	2,257	0.1572193
	Hispanic vs. White		0.053581	0.0111112	0.000271	0.0941795	2,239	0.0037038
	Any Non-White vs. White		0.0662752	0.0169817	0.0015931	0.1791209	2,464	0.0227311
South Kingstown	Black vs. White	1 YR	0.0051246	0.026372	0.8553953	0.1515411	1,064	0.9138536
	Hispanic vs. White		-0.017906	0.0168568	0.3480046	0.0677328	972	0.8900875
	Any Non-White vs. White		-0.0160143	0.03061	0.6284977	0.2001614	1,129	0.7940258
	Black vs. White	3 YR	0.029901	0.0190091	0.1380436	0.1228121	3,136	0.3329287
	Hispanic vs. White		0.0068323	0.0122505	0.5858465	0.0585156	2,931	0.7278699
	Any Non-White vs. White		0.0287437	0.023429	0.2401142	0.1755663	3,338	0.4443899
Tiverton	Black vs. White	1 YR	0.0312047	0.0085017	0.0213834	0.1421471	922	0.269247
	Hispanic vs. White		-0.001994	0.0067573	0.7826052	0.0740343	852	0.9490287
	Any Non-White vs. White		0.0086464	0.011154	0.4815079	0.1949627	981	0.7896729
	Black vs. White	3 YR	0.0306539	0.0079477	0.0017434	0.107957	2,067	0.0357403
	Hispanic vs. White		0.0443848	0.0207027	0.0500818	0.0670265	1,977	0.2281503
	Any Non-White vs. White		0.0477753	0.0181685	0.0198031	0.1593028	2,194	0.1014908
Warwick	Black vs. White	1 YR	0.0129607	0.0110218	0.3048359	0.1710926	2,333	0.7620897
	Hispanic vs. White		0.0227844	0.0250194	0.4139838	0.139425	2,238	0.8900875
	Any Non-White vs. White		0.022918	0.0246424	0.405005	0.2667785	2,633	0.7571219
	Black vs. White	3 YR	0.0333127	0.0171689	0.0727566	0.1523739	8,419	0.248585
	Hispanic vs. White		0.0344642	0.0133182	0.0214831	0.1333117	8,238	0.1258295
	Any Non-White vs. White		0.0531732	0.0190332	0.014357	0.2504208	9,501	0.0840912
West Greenwich	Black vs. White	1 YR	-0.0165927	0.0896325	0.8621433	0.04	67	0.9138536
	Hispanic vs. White		-0.1094613	0.0631076	0.1578463	0.1111111	73	0.4978229
	Any Non-White vs. White		-0.0874458	0.0828356	0.3506666	0.1529412	77	0.7571219
	Black vs. White	3 YR	-0.0185489	0.0186974	0.338007	0.0288066	422	0.533011
	Hispanic vs. White		-0.049567	0.0260306	0.0776434	0.0616302	440	0.3183381
	Any Non-White vs. White		-0.0558503	0.0230353	0.0294492	0.0975143	458	0.1341577
West Warwick	Black vs. White	1 YR	0.0058513	0.0508016	0.9138536	0.1418919	270	0.9138536
	Hispanic vs. White		-0.0576143	0.057837	0.3755569	0.1087719	263	0.8900875
	Any Non-White vs. White		-0.0313021	0.0646575	0.6536113	0.2111801	296	0.7940258
	Black vs. White	3 YR	-0.0129573	0.0177204	0.4767119	0.1079641	3,245	0.673972
	Hispanic vs. White		-0.0128478	0.0092118	0.1848392	0.0877545	3,165	0.5026091
	Any Non-White vs. White		-0.0120064	0.0188675	0.5348122	0.1803659	3,519	0.6852282
Westerly	Black vs. White	1 YR	0.0336469	0.0105522	0.0332603	0.0977326	1,147	0.269247
	Hispanic vs. White		-0.0078329	0.0234366	0.7550054	0.0610252	1,107	0.9490287
	Any Non-White vs. White		0.0189183	0.0199919	0.3975797	0.1564327	1,230	0.7571219
	Black vs. White	3 YR	0.0272851	0.0087098	0.0073397	0.0752661	3,561	0.0601854
	Hispanic vs. White		0.0016544	0.0123637	0.8954591	0.0472585	3,471	0.9531251
	Any Non-White vs. White		0.0222175	0.0176273	0.2281271	0.1313973	3,798	0.4443899
Woonsocket	Black vs. White	1 YR	-0.0304331	0.0552838	0.6112809	0.2475248	445	0.847262
	Hispanic vs. White		0.0026461	0.0526782	0.962346	0.347079	520	0.962346
	Any Non-White vs. White		-0.010188	0.0490344	0.8455564	0.4655415	634	0.8666953
	Black vs. White	3 YR	-0.0258274	0.0247567	0.3145131	0.2146018	1,631	0.5158015
	Hispanic vs. White		0.0402255	0.0244389	0.1220274	0.3015248	1,823	0.4423918
	Any Non-White vs. White		-0.0021179	0.0254086	0.9347498	0.4180328	2,193	0.9347498

Table C.7: Robustness Test Excluding Endogenous Violations by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.071655	0.0302527	0.0769424	0.0822622	345	0.3847121
	Hispanic vs. White		-0.0050419	0.0212065	0.8237556	0.0403226	328	0.9448962
	Any Non-White vs. White		-0.1090529	0.0127961	0.0010401	0.1580189	373	0.0202814
	Black vs. White	3 YR	-0.0512577	0.0221724	0.0365249	0.0716846	1,006	0.1247934
	Hispanic vs. White		-0.006551	0.0145243	0.6588715	0.0380687	969	0.8039281
	Any Non-White vs. White		-0.0613824	0.0199769	0.0082692	0.1323283	1,070	0.0484336
Bristol	Black vs. White	1 YR	-0.026524	0.0178553	0.2115941	0.0325581	187	0.6510587
	Hispanic vs. White		0.001523	0.0160482	0.9289573	0.014218	182	0.9910819
	Any Non-White vs. White		0.003914	0.0342563	0.9145408	0.0545455	191	0.9959242
	Black vs. White	3 YR	-0.0115087	0.0102179	0.2789653	0.0409404	2,180	0.5446464
	Hispanic vs. White		0.0052868	0.0092222	0.5755566	0.0235246	2,140	0.8001757
	Any Non-White vs. White		-0.0046544	0.0124028	0.7130848	0.0640823	2,232	0.8353279
Burrillville	Black vs. White	1 YR	-0.0132322	0.0134762	0.381745	0.0265823	700	0.8036736
	Hispanic vs. White		0.0308006	0.0083405	0.0209652	0.0494438	720	0.1635283
	Any Non-White vs. White		0.0086119	0.0070192	0.2871323	0.0768307	739	0.6998849
	Black vs. White	3 YR	0.0058378	0.0117036	0.6256659	0.032491	2,479	0.8550767
	Hispanic vs. White		0.0213082	0.0049263	0.0006983	0.0449038	2,514	0.0057264
	Any Non-White vs. White		0.0127358	0.0085573	0.1588507	0.0739461	2,587	0.3427832
Central Falls	Black vs. White	1 YR	-0.0548282	0.049316	0.3285514	0.5179407	586	0.7301143
	Hispanic vs. White		-0.0720983	0.0121568	0.0040512	0.6281589	764	0.040213
	Any Non-White vs. White		-0.0453923	0.0262901	0.159317	0.711215	984	0.5648513
	Black vs. White	3 YR	0.0051922	0.030382	0.8667501	0.4608295	2,196	0.9871321
	Hispanic vs. White		-0.0182074	0.0163959	0.2854975	0.6245624	3,175	0.5287014
	Any Non-White vs. White		-0.0036094	0.0157622	0.8221884	0.6973901	3,931	0.8612888
Charlestown	Black vs. White	1 YR	0.014521	0.0178926	0.4625713	0.0567901	351	0.8355531
	Hispanic vs. White		0.0300236	0.0144148	0.105684	0.0279898	339	0.3746977
	Any Non-White vs. White		0.0133109	0.0288976	0.668999	0.0883055	364	0.8959945
	Black vs. White	3 YR	0.0250285	0.0094836	0.0194367	0.0369949	1,561	0.0874065
	Hispanic vs. White		0.0150754	0.0143802	0.3122425	0.0314825	1,553	0.5334142
	Any Non-White vs. White		0.0462702	0.0060014	0.0000021	0.0849108	1,646	0.0000861
Coventry	Black vs. White	1 YR	0.0004222	0.0205385	0.9845849	0.0431034	422	0.9845849
	Hispanic vs. White		-0.0144589	0.0128575	0.3236963	0.0533049	430	0.7970477
	Any Non-White vs. White		-0.0111858	0.0057695	0.1245529	0.0920245	445	0.5397293
	Black vs. White	3 YR	0.0000414	0.0132078	0.9975441	0.0421482	1,326	0.9975441
	Hispanic vs. White		-0.0149824	0.0071568	0.0549957	0.0401907	1,328	0.2330802
	Any Non-White vs. White		-0.0197027	0.0104249	0.0796472	0.0838752	1,388	0.2332525
Cranston	Black vs. White	1 YR	0.0334258	0.0213002	0.1916661	0.2576322	2,337	0.6510587
	Hispanic vs. White		0.006447	0.018083	0.7394623	0.3119393	2,529	0.9302912
	Any Non-White vs. White		0.0090229	0.0180199	0.6428657	0.42996	3,061	0.8954201
	Black vs. White	3 YR	0.0233431	0.0198372	0.2589227	0.25	7,770	0.5307915
	Hispanic vs. White		-0.0036516	0.024354	0.8829534	0.2969244	8,305	0.9526603
	Any Non-White vs. White		0.0059616	0.021027	0.7809281	0.4181992	10,031	0.8612888
Cumberland	Black vs. White	1 YR	-0.021981	0.0296413	0.4995269	0.1457143	625	0.8355531
	Hispanic vs. White		-0.0384071	0.0497668	0.4833297	0.1785714	651	0.8388349
	Any Non-White vs. White		-0.0510379	0.0320345	0.186333	0.2855436	751	0.6055822
	Black vs. White	3 YR	-0.0163633	0.0175057	0.3657658	0.1008326	1,933	0.6346631
	Hispanic vs. White		-0.0532471	0.0208771	0.023095	0.130979	2,004	0.1578159
	Any Non-White vs. White		-0.0565713	0.0178762	0.0068885	0.216129	2,229	0.0470714
East Greenwich	Black vs. White	1 YR	-0.0362081	0.0180404	0.1151856	0.0608696	315	0.4607422
	Hispanic vs. White		-0.0654792	0.0085832	0.0015854	0.0385757	308	0.0309162
	Any Non-White vs. White		-0.099183	0.0245713	0.0156486	0.1171662	335	0.152574
	Black vs. White	3 YR	-0.0324762	0.013526	0.0308089	0.062201	578	0.1148332
	Hispanic vs. White		-0.0297819	0.0270267	0.2890703	0.0454545	568	0.5287014
	Any Non-White vs. White		-0.0664317	0.0291617	0.0389358	0.107739	608	0.1773741
East Providence	Black vs. White	1 YR	0.0426973	0.0125244	0.0270492	0.2828283	509	0.1545666
	Hispanic vs. White		0.0378247	0.0394019	0.3914317	0.194707	457	0.7970477
	Any Non-White vs. White		0.0629501	0.0044602	0.0001463	0.3744493	589	0.0057048
	Black vs. White	3 YR	0.0213923	0.0082541	0.0213187	0.2574932	2,607	0.0874065
	Hispanic vs. White		0.006193	0.0240364	0.8004238	0.1714177	2,351	0.9115938
	Any Non-White vs. White		0.0227159	0.0172094	0.208021	0.3393939	2,946	0.4061363
Foster	Black vs. White	1 YR	-0.0882638	0.0481085	0.2079857	0.075	69	0.6510587
	Hispanic vs. White		-0.0309132	0.0582647	0.6487404	0.0632911	68	0.8433625
	Any Non-White vs. White		-0.1060389	0.1154515	0.4553315	0.1590909	76	0.8456156
	Black vs. White	3 YR	0.0067297	0.0354288	0.8525229	0.0724346	428	0.9871321
	Hispanic vs. White		0.0213999	0.0388522	0.5918767	0.0705645	428	0.8001757
	Any Non-White vs. White		0.0241229	0.0480766	0.6249147	0.1556777	469	0.800672

Table C.7: Robustness Test Excluding Endogenous Violations by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Glocester	Black vs. White	1 YR	-0.0122007	0.003123	0.0174427	0.0702479	899	0.1545666
	Hispanic vs. White		-0.0067248	0.0089606	0.4946975	0.0496304	884	0.8388349
	Any Non-White vs. White		-0.0230472	0.010305	0.0889663	0.1062562	933	0.4631068
	Black vs. White	3 YR	-0.0114038	0.0006707	9.59E-11	0.0524476	1,843	3.93E-09
	Hispanic vs. White		-0.0187152	0.0021841	0.00000061	0.0467337	1,838	0.0000125
	Any Non-White vs. White		-0.0242978	0.005107	0.0003059	0.09191	1,918	0.0052152
Hopkinton	Black vs. White	1 YR	0.0239538	0.041775	0.5970705	0.0566449	412	0.8529578
	Hispanic vs. White		0.0406094	0.0221133	0.1401792	0.0545852	410	0.4555825
	Any Non-White vs. White		0.0518357	0.0447074	0.3107714	0.1217039	441	0.7129461
	Black vs. White	3 YR	0.0297203	0.0186337	0.1330367	0.0504365	923	0.3409066
	Hispanic vs. White		0.0242345	0.0127567	0.078263	0.0420744	914	0.2710915
	Any Non-White vs. White		0.0339045	0.0204432	0.1194504	0.1124207	983	0.2748929
Jamestown	Black vs. White	1 YR	0.0192832	0.0288735	0.5407873	0.0873016	455	0.8366653
	Hispanic vs. White		0.0573295	0.0179267	0.0329636	0.0669371	446	0.2142636
	Any Non-White vs. White		0.0531887	0.0293095	0.1437555	0.141791	482	0.5606465
	Black vs. White	3 YR	-0.0007593	0.0164721	0.9638842	0.0823635	1,024	0.9887977
	Hispanic vs. White		0.0344745	0.0182203	0.0793438	0.064781	1,006	0.2710915
	Any Non-White vs. White		0.0147971	0.0129868	0.2736571	0.141541	1,092	0.4674975
Johnston	Black vs. White	1 YR	0.0568707	0.0418655	0.2458943	0.1445783	540	0.6773458
	Hispanic vs. White		-0.043244	0.0687046	0.5632347	0.1905537	563	0.8429738
	Any Non-White vs. White		-0.0250413	0.0473044	0.6245685	0.2838617	641	0.8954201
	Black vs. White	3 YR	0.0066777	0.0173974	0.7068668	0.1402954	1,733	0.9348884
	Hispanic vs. White		0.0440651	0.0388087	0.2752549	0.1775984	1,803	0.5287014
	Any Non-White vs. White		0.024176	0.0365461	0.5190182	0.2752334	2,059	0.7337843
Lincoln	Black vs. White	1 YR	0.0124841	0.1211022	0.9228553	0.1896552	107	0.9714267
	Hispanic vs. White		-0.0822379	0.0297857	0.0507984	0.2419355	113	0.2830194
	Any Non-White vs. White		-0.0013153	0.0362183	0.9727715	0.3648649	136	0.9959242
	Black vs. White	3 YR	-0.050228	0.0647833	0.4520228	0.2111651	369	0.7413173
	Hispanic vs. White		-0.0704193	0.053325	0.2094227	0.2243437	374	0.4770184
	Any Non-White vs. White		-0.0254565	0.0575721	0.6656349	0.3473895	447	0.8270009
Little Compton	Black vs. White	1 YR	-0.0444193	0.0124888	0.0236552	0.035533	167	0.1545666
	Hispanic vs. White		-0.0039007	0.0489044	0.9402572	0.0594059	170	0.9910819
	Any Non-White vs. White		-0.0474629	0.0700925	0.5354533	0.0952381	175	0.8701116
	Black vs. White	3 YR	-0.0392074	0.0140549	0.0144739	0.0356506	482	0.0847757
	Hispanic vs. White		0.0012973	0.0249096	0.9592003	0.0541958	492	0.9755259
	Any Non-White vs. White		-0.0322611	0.0344218	0.3645285	0.0953177	513	0.5337738
Middletown	Black vs. White	1 YR	0.0124164	0.0495823	0.8145985	0.2409851	1,021	0.9051095
	Hispanic vs. White		-0.0063783	0.0378237	0.8742693	0.113963	883	0.9741858
	Any Non-White vs. White		-0.0002846	0.0478133	0.9955358	0.3079391	1,123	0.9959242
	Black vs. White	3 YR	-0.0014866	0.0329765	0.9646807	0.1934538	1,794	0.9887977
	Hispanic vs. White		-0.009601	0.0240368	0.6956035	0.0992908	1,614	0.8148498
	Any Non-White vs. White		-0.0135263	0.0335067	0.6925395	0.2612976	1,964	0.8351211
Narragansett	Black vs. White	1 YR	-0.0051491	0.0339556	0.8868108	0.0790763	1,307	0.9587144
	Hispanic vs. White		0.0007056	0.0247737	0.978642	0.06201	1,284	0.9933813
	Any Non-White vs. White		0.0239353	0.0318459	0.5033329	0.1359159	1,396	0.8534774
	Black vs. White	3 YR	-0.0016708	0.0145108	0.9099703	0.0774261	3,431	0.9887977
	Hispanic vs. White		0.0072499	0.0134887	0.5993776	0.0561948	3,357	0.8001757
	Any Non-White vs. White		0.0208829	0.0167245	0.2322726	0.1291358	3,643	0.4328716
Newport	Black vs. White	1 YR	0.0212476	0.0325862	0.5499439	0.18591	447	0.8366653
	Hispanic vs. White		0.0339011	0.0367721	0.4087424	0.1205074	410	0.7970477
	Any Non-White vs. White		0.0419504	0.0192643	0.0949963	0.2765217	502	0.4631068
	Black vs. White	3 YR	0.0375635	0.0269025	0.184376	0.1654135	1,767	0.4199676
	Hispanic vs. White		0.0253413	0.0122098	0.0568488	0.1004862	1,634	0.2330802
	Any Non-White vs. White		0.0520928	0.0271529	0.0756722	0.2469471	1,953	0.2332525
North Kingstown	Black vs. White	1 YR	-0.0520222	0.0233978	0.0902722	0.0852941	603	0.4012099
	Hispanic vs. White		-0.0221406	0.0413051	0.6203591	0.063253	592	0.8429738
	Any Non-White vs. White		-0.0724564	0.0503809	0.2237707	0.1456044	646	0.6523982
	Black vs. White	3 YR	-0.0314856	0.0208663	0.1535542	0.0758252	1,952	0.3703367
	Hispanic vs. White		-0.0154373	0.0152209	0.3276893	0.062019	1,927	0.5374105
	Any Non-White vs. White		-0.0275898	0.0251628	0.2913834	0.1363068	2,091	0.4778687
North Providence	Black vs. White	1 YR	0.1140181	0.0161497	0.002123	0.2984869	644	0.0789639
	Hispanic vs. White		-0.0147627	0.0261005	0.6018787	0.2936288	653	0.8429738
	Any Non-White vs. White		0.0570413	0.0213143	0.0554471	0.450431	828	0.3604059
	Black vs. White	3 YR	0.0892165	0.0242573	0.0024836	0.2783342	1,678	0.0455001
	Hispanic vs. White		0.039209	0.0297052	0.2080315	0.2659518	1,663	0.4770184
	Any Non-White vs. White		0.0718602	0.0215423	0.0049008	0.4171988	2,087	0.0401862

Table C.7: Robustness Test Excluding Endogenous Violations by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Smithfield	Black vs. White	1 YR	-0.0145944	0.0402965	0.7355444	0.2044888	365	0.8692738
	Hispanic vs. White		-0.0940819	0.0961075	0.3830449	0.2200489	362	0.7970477
	Any Non-White vs. White		-0.0696389	0.0917866	0.490278	0.3381743	426	0.8534774
	Black vs. White	3 YR	-0.0508791	0.0155052	0.0054606	0.2094972	968	0.0554189
	Hispanic vs. White		-0.0542623	0.0500475	0.2965886	0.2138889	964	0.5287014
	Any Non-White vs. White		-0.0606051	0.0366062	0.1200378	0.3346395	1,142	0.2748929
Pawtucket	Black vs. White	1 YR	0.0297271	0.0049772	0.0039482	0.5011107	1,225	0.0789639
	Hispanic vs. White		0.040847	0.0407485	0.3728641	0.4468085	1,097	0.7970477
	Any Non-White vs. White		0.0361871	0.0258542	0.2341942	0.6143754	1,572	0.6523982
	Black vs. White	3 YR	-0.0065266	0.0255041	0.801746	0.433046	3,108	0.9871321
	Hispanic vs. White		0.031524	0.0201961	0.1408631	0.3964515	2,916	0.3850257
	Any Non-White vs. White		0.0130463	0.0209951	0.5443245	0.5595982	3,993	0.7439102
Portsmouth	Black vs. White	1 YR	0.0090255	0.0276673	0.7606146	0.1877289	973	0.8692738
	Hispanic vs. White		-0.0087319	0.0355154	0.817889	0.1112224	891	0.9448962
	Any Non-White vs. White		-0.0001914	0.0352202	0.9959242	0.2663358	1,083	0.9959242
	Black vs. White	3 YR	0.0716699	0.0271355	0.0193593	0.168462	2,990	0.0874065
	Hispanic vs. White		0.0159507	0.0199933	0.4383088	0.1052801	2,778	0.66558
	Any Non-White vs. White		0.0612304	0.0316939	0.0738635	0.2491219	3,313	0.2332525
Providence	Black vs. White	1 YR	-0.1239418	0		0.6032864	749	
	Hispanic vs. White		-0.1446735	0		0.6643496	891	
	Any Non-White vs. White		-0.109971	0		0.7486989	1,183	
	Black vs. White	3 YR	-0.036978	0.0508719	0.5428637	0.6324582	2,227	0.7674533
	Hispanic vs. White		-0.0373095	0.0651268	0.6245516	0.6754478	2,528	0.8001757
	Any Non-White vs. White		-0.0277403	0.0477136	0.6197711	0.7656606	3,502	0.800672
Richmond	Black vs. White	1 YR	-0.0614078	0.0524971	0.307051	0.0506329	216	0.7301143
	Hispanic vs. White		0.0364124	0		0.0425532	213	
	Any Non-White vs. White		-0.0111738	0		0.1071429	230	
	Black vs. White	3 YR	-0.0159951	0.0216113	0.4714529	0.0540301	1,005	0.7434449
	Hispanic vs. White		0.0277835	0.0013264	5.74E-12	0.0361011	986	2.35E-10
	Any Non-White vs. White		-0.0046437	0.0226175	0.8402817	0.1114809	1,072	0.8612888
RISP - Hope Valley	Black vs. White	1 YR	0.0489228	0.0423815	0.3126309	0.2523077	575	0.7301143
	Hispanic vs. White		0.1081414	0.0137442	0.0014102	0.216129	551	0.0309162
	Any Non-White vs. White		0.0783274	0.0277072	0.0474911	0.3729032	681	0.3604059
	Black vs. White	3 YR	0.1104947	0.0312998	0.0033293	0.2350333	1,597	0.0455001
	Hispanic vs. White		0.1070913	0.0139457	0.0000022	0.2109777	1,551	0.00003
	Any Non-White vs. White		0.1262258	0.0271984	0.0003816	0.368421	1,933	0.0052152
RISP - Lincoln	Black vs. White	1 YR	0.0113773	0.0275234	0.7005366	0.4046053	1,358	0.8692738
	Hispanic vs. White		-0.0217615	0.0165056	0.2577837	0.3572443	1,266	0.773351
	Any Non-White vs. White		-0.0029964	0.0189878	0.8822534	0.5224274	1,696	0.9959242
	Black vs. White	3 YR	0.0035868	0.0189117	0.8522984	0.3740547	3,050	0.9871321
	Hispanic vs. White		-0.002282	0.0247208	0.9277577	0.3386601	2,882	0.9753351
	Any Non-White vs. White		-0.0008691	0.0197528	0.9655282	0.5019671	3,830	0.9655282
RISP - Portsmouth	Black vs. White	1 YR	0.0711939	0.0825618	0.4371474	0.1186441	52	0.8326617
	Hispanic vs. White		0.0166983	0.0240697	0.5260208	0.037037	48	0.8429738
	Any Non-White vs. White		0.0353916	0.0822712	0.6892265	0.1333333	53	0.8959945
	Black vs. White	3 YR	0.2112955	0.1195761	0.1026198	0.1417323	102	0.2947199
	Hispanic vs. White		0.2010003	0.1178591	0.1138407	0.0683761	94	0.3590359
	Any Non-White vs. White		0.2115632	0.1212764	0.1046563	0.1615385	105	0.2748929
RISP - Scituate	Black vs. White	1 YR	0.0185254	0.0543819	0.7505041	0.2301587	346	0.8692738
	Hispanic vs. White		-0.0442687	0.0516911	0.4400447	0.25	352	0.8172258
	Any Non-White vs. White		0.0013383	0.0784786	0.9872106	0.3701299	423	0.8959242
	Black vs. White	3 YR	0.0440226	0.0256244	0.1078243	0.1971399	876	0.2947199
	Hispanic vs. White		0.0441656	0.0448972	0.3419566	0.2004069	874	0.5392393
	Any Non-White vs. White		0.0698051	0.0422434	0.1206847	0.3183001	1,035	0.2748929
RISP - Wickford	Black vs. White	1 YR	0.0310592	0.0495469	0.5647491	0.2064394	929	0.8366653
	Hispanic vs. White		0.0812276	0.0343866	0.0774776	0.201144	932	0.3362107
	Any Non-White vs. White		0.0506001	0.0534207	0.3971711	0.3317384	1,107	0.8152459
	Black vs. White	3 YR	0.0136092	0.0206778	0.5211149	0.17984	2,783	0.7674355
	Hispanic vs. White		0.0397075	0.0253067	0.138956	0.1902054	2,828	0.3850257
	Any Non-White vs. White		0.0322637	0.0280198	0.2688283	0.3046663	3,291	0.4674975
Scituate	Black vs. White	1 YR	-0.1242367	0.0933345	0.2540047	0.0974576	210	0.6773458
	Hispanic vs. White		-0.0745904	0.0773171	0.38931	0.0818966	205	0.7970477
	Any Non-White vs. White		-0.0807918	0.0816495	0.3784348	0.1647059	226	0.8152459
	Black vs. White	3 YR	0.0028833	0.056515	0.9600312	0.0564516	550	0.9887977
	Hispanic vs. White		0.0232317	0.0451133	0.6146132	0.0594855	549	0.8001757
	Any Non-White vs. White		0.0490719	0.0519109	0.3605303	0.1163142	586	0.5337738

Table C.7: Robustness Test Excluding Endogenous Violations by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Smithfield	Black vs. White	1 YR	0.0158515	0.0343158	0.6681371	0.1073583	737	0.8692738
	Hispanic vs. White		0.0405406	0.0171717	0.0775871	0.0875462	728	0.3362107
	Any Non-White vs. White		0.0498265	0.0371945	0.2514154	0.1805094	809	0.65368
	Black vs. White	3 YR	0.0436095	0.0206014	0.0526665	0.0989305	2,015	0.166102
	Hispanic vs. White		0.0553485	0.0105071	0.0001189	0.0883679	2,008	0.0012192
	Any Non-White vs. White		0.0634299	0.0167465	0.0019989	0.1696099	2,198	0.0204892
South Kingstown	Black vs. White	1 YR	-0.01151	0.0343876	0.7546579	0.1473587	982	0.8692738
	Hispanic vs. White		-0.0200366	0.0185167	0.34009	0.0631365	897	0.7970477
	Any Non-White vs. White		-0.0301621	0.0358411	0.4474092	0.1908531	1,035	0.8456156
	Black vs. White	3 YR	0.0216944	0.0220423	0.3417144	0.1200996	2,889	0.6346631
	Hispanic vs. White		0.0021558	0.0105206	0.8405876	0.0563897	2,704	0.9314619
	Any Non-White vs. White		0.025543	0.0252427	0.3287585	0.1706745	3,068	0.5184269
Tiverton	Black vs. White	1 YR	0.04714	0.0124675	0.0194185	0.1252525	450	0.1545666
	Hispanic vs. White		-0.0359672	0.0159121	0.086645	0.0647948	419	0.3379155
	Any Non-White vs. White		-0.0017467	0.0215584	0.9393173	0.1799242	477	0.9959242
	Black vs. White	3 YR	0.0342158	0.0119543	0.0125437	0.0919003	1,135	0.0847757
	Hispanic vs. White		0.0292962	0.0210902	0.1865057	0.0619469	1,096	0.4770184
	Any Non-White vs. White		0.0465617	0.0214402	0.0475523	0.1445341	1,202	0.1949646
Warwick	Black vs. White	1 YR	0.0008256	0.0164765	0.9624377	0.1474063	1,721	0.9845849
	Hispanic vs. White		0.0085852	0.0297159	0.7870055	0.1212282	1,663	0.9448962
	Any Non-White vs. White		0.0154563	0.0289835	0.6220918	0.2346704	1,915	0.8954201
	Black vs. White	3 YR	0.0154031	0.0166833	0.3715101	0.134517	6,275	0.6346631
	Hispanic vs. White		0.0284122	0.0129593	0.0457456	0.1174681	6,157	0.2330802
	Any Non-White vs. White		0.0418342	0.0199148	0.0542672	0.2265804	7,011	0.2022685
West Greenwich	Black vs. White	1 YR	-0.0939102	0.1058251	0.4249957	0.0491803	54	0.8326617
	Hispanic vs. White		-0.229201	0.0388361	0.0041244	0.1212121	59	0.040213
	Any Non-White vs. White		-0.2275974	0.0521538	0.0120247	0.1594203	62	0.152574
	Black vs. White	3 YR	-0.0248705	0.0200289	0.2347375	0.0342857	305	0.5065388
	Hispanic vs. White		-0.089906	0.0403813	0.0429171	0.0637119	318	0.2330802
	Any Non-White vs. White		-0.0778098	0.0277963	0.0142003	0.1034483	332	0.0727767
West Warwick	Black vs. White	1 YR	0.016247	0.0449618	0.7361144	0.112069	215	0.8692738
	Hispanic vs. White		-0.0357801	0.0680484	0.6268266	0.1043478	215	0.8429738
	Any Non-White vs. White		-0.0047669	0.0574627	0.9378719	0.1825397	235	0.9959242
	Black vs. White	3 YR	-0.0130991	0.0200484	0.5241023	0.0906822	2,180	0.7674355
	Hispanic vs. White		-0.0045599	0.0103639	0.6666721	0.0788032	2,146	0.8039281
	Any Non-White vs. White		-0.005049	0.0195248	0.7997109	0.1601998	2,353	0.8612888
Westerly	Black vs. White	1 YR	0.0394052	0.0099002	0.0163979	0.0914077	983	0.1545666
	Hispanic vs. White		-0.0173825	0.0281219	0.5699579	0.056926	950	0.8429738
	Any Non-White vs. White		0.0191037	0.0317403	0.5797079	0.1475129	1,049	0.8954201
	Black vs. White	3 YR	0.0343766	0.01083	0.0067584	0.0740162	2,881	0.0554189
	Hispanic vs. White		0.0004604	0.0147423	0.9755259	0.045396	2,806	0.9755259
	Any Non-White vs. White		0.0295413	0.0214778	0.1906052	0.1302435	3,074	0.3907408
Woonsocket	Black vs. White	1 YR	-0.0300811	0.0407464	0.5013319	0.2327791	375	0.8355531
	Hispanic vs. White		-0.00057	0.0645858	0.9933813	0.3256785	431	0.9933813
	Any Non-White vs. White		-0.017701	0.0590648	0.7793434	0.444062	521	0.9804642
	Black vs. White	3 YR	-0.0075727	0.0256639	0.7722703	0.2124542	1,228	0.9871321
	Hispanic vs. White		0.0337558	0.0290203	0.2641999	0.2927631	1,359	0.5287014
	Any Non-White vs. White		-0.0081337	0.0278123	0.7742312	0.410636	1,635	0.8612888

Table C.8: Robustness Test with Controls for Individual Characteristics by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0201339	0.035117	0.5971079	0.1006944	514	0.8539229
	Hispanic vs. White		0.0057791	0.0352549	0.8777415	0.0615942	492	0.9796511
	Any Non-White vs. White		-0.0149191	0.0326104	0.6710629	0.1790808	559	0.8253877
	Black vs. White	3 YR	-0.02627	0.0207168	0.2254613	0.0804677	1,315	0.4201779
	Hispanic vs. White		-0.0015494	0.0193005	0.9371526	0.0497512	1,271	0.987948
	Any Non-White vs. White		-0.0233852	0.0169488	0.1893023	0.1451407	1,407	0.4366743
Bristol	Black vs. White	1 YR	-0.014494	0.0225381	0.5551762	0.0289256	209	0.8539229
	Hispanic vs. White		0.0009607	0.0177243	0.9593714	0.012605	204	0.9796511
	Any Non-White vs. White		0.0216492	0.0269767	0.4672269	0.0524194	214	0.7954319
	Black vs. White	3 YR	-0.0139835	0.011316	0.2368931	0.0450017	2,580	0.4222878
	Hispanic vs. White		0.0063394	0.0100187	0.5370922	0.0249035	2,525	0.7593372
	Any Non-White vs. White		-0.0079759	0.0173927	0.6535761	0.0686767	2,644	0.7656177
Burrillville	Black vs. White	1 YR	0.003042	0.0066594	0.6715195	0.0300207	851	0.8539229
	Hispanic vs. White		0.0368618	0.0131575	0.0487332	0.0525784	874	0.4136956
	Any Non-White vs. White		0.0294765	0.0073218	0.0157876	0.0795678	897	0.3252531
	Black vs. White	3 YR	0.0130029	0.0089979	0.1704417	0.0304496	3,121	0.3327671
	Hispanic vs. White		0.0207046	0.0086968	0.0320287	0.0445878	3,170	0.1875966
	Any Non-White vs. White		0.0192748	0.0106101	0.0907376	0.071915	3,257	0.2834482
Central Falls	Black vs. White	1 YR	-0.0366062	0.057504	0.559001	0.521146	671	0.8539229
	Hispanic vs. White		-0.0351024	0.042231	0.4525977	0.6436548	908	0.9796511
	Any Non-White vs. White		-0.0228755	0.0433775	0.6258396	0.7209857	1,158	0.8075349
	Black vs. White	3 YR	0.0200332	0.0278638	0.4839891	0.4670959	2,573	0.6614518
	Hispanic vs. White		-0.0013977	0.0162788	0.9327949	0.6375577	3,805	0.987948
	Any Non-White vs. White		0.0085388	0.0165413	0.6137661	0.7072691	4,701	0.7401296
Charlestown	Black vs. White	1 YR	-0.0140581	0.0255472	0.6114113	0.0585586	380	0.8539229
	Hispanic vs. White		0.0339259	0.0166611	0.1114194	0.027907	366	0.4948184
	Any Non-White vs. White		-0.0065817	0.0216761	0.7765418	0.0893246	394	0.8617742
	Black vs. White	3 YR	0.0192616	0.0132029	0.166665	0.0372478	1,710	0.3327671
	Hispanic vs. White		0.0149463	0.0126398	0.2567108	0.0312337	1,701	0.5572656
	Any Non-White vs. White		0.0342788	0.0078733	0.0006611	0.0855037	1,805	0.0135532
Coventry	Black vs. White	1 YR	-0.0028803	0.020166	0.8933315	0.046549	567	0.9162375
	Hispanic vs. White		-0.0079514	0.0216979	0.7325837	0.0526316	575	0.9796511
	Any Non-White vs. White		-0.0083965	0.0305647	0.7971411	0.0986343	601	0.8617742
	Black vs. White	3 YR	0.0009376	0.0087448	0.9161357	0.0469279	1,872	0.9390391
	Hispanic vs. White		-0.0098468	0.0080533	0.2416309	0.0385554	1,857	0.5572656
	Any Non-White vs. White		-0.0129193	0.0097846	0.2078935	0.087963	1,955	0.4486123
Cranston	Black vs. White	1 YR	0.0264611	0.0203217	0.2627963	0.282416	3,746	0.7389566
	Hispanic vs. White		-0.000603	0.0222221	0.9796511	0.3483693	4,119	0.9796511
	Any Non-White vs. White		0.0008691	0.0210007	0.9689716	0.4657986	5,029	0.9689716
	Black vs. White	3 YR	0.0335922	0.0150056	0.0419421	0.2772391	11,348	0.1625811
	Hispanic vs. White		0.0002013	0.0202373	0.9922044	0.3319346	12,283	0.9922044
	Any Non-White vs. White		0.0105825	0.0167967	0.5388182	0.4530049	14,990	0.7074588
Cumberland	Black vs. White	1 YR	-0.0264733	0.0277267	0.393749	0.2063228	1,071	0.8539229
	Hispanic vs. White		-0.0153518	0.0539325	0.7900424	0.2337349	1,113	0.9796511
	Any Non-White vs. White		-0.0343342	0.0495052	0.5261347	0.3558407	1,324	0.7954319
	Black vs. White	3 YR	-0.0374965	0.0155142	0.0298838	0.1474889	2,827	0.1531545
	Hispanic vs. White		-0.0382045	0.0257529	0.1601022	0.1843066	2,968	0.4857405
	Any Non-White vs. White		-0.0592229	0.0244403	0.0295279	0.2846092	3,386	0.1513303
East Greenwich	Black vs. White	1 YR	-0.0345668	0.0208182	0.1721682	0.0704225	385	0.626066
	Hispanic vs. White		-0.0537224	0.0233069	0.0824844	0.0548926	379	0.4948184
	Any Non-White vs. White		-0.0748111	0.0337606	0.0910235	0.1334792	413	0.5743443
	Black vs. White	3 YR	-0.0352249	0.0128957	0.0162226	0.0862291	712	0.1531545
	Hispanic vs. White		-0.0390096	0.0248463	0.1387265	0.073107	701	0.4857405
	Any Non-White vs. White		-0.0609157	0.0297884	0.0601345	0.1435464	760	0.2054596
East Providence	Black vs. White	1 YR	-0.0075664	0.042356	0.8669048	0.3003096	837	0.9162375
	Hispanic vs. White		-0.0096865	0.0429601	0.8326609	0.2338983	756	0.9796511
	Any Non-White vs. White		-0.0030505	0.0335685	0.9319623	0.4057844	986	0.9599991
	Black vs. White	3 YR	0.0041382	0.0167921	0.8089222	0.2882142	4,213	0.8895257
	Hispanic vs. White		0.0069018	0.0209406	0.7465891	0.204149	3,773	0.9002987
	Any Non-White vs. White		0.0164497	0.0185066	0.3890972	0.3790693	4,842	0.623074
Foster	Black vs. White	1 YR	-0.0973802	0.0556352	0.2221636	0.075	69	0.7389566
	Hispanic vs. White		-0.025884	0.0795523	0.775786	0.0632911	68	0.9796511
	Any Non-White vs. White		-0.1225878	0.1082572	0.3749672	0.1590909	76	0.7954319
	Black vs. White	3 YR	0.0213891	0.03424	0.5438749	0.0708812	449	0.6998737
	Hispanic vs. White		0.035504	0.0455183	0.4505054	0.0690979	449	0.6757336
	Any Non-White vs. White		0.0351458	0.0485789	0.4832501	0.150613	490	0.66302

Table C.8: Robustness Test with Controls for Individual Characteristics by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Glocester	Black vs. White	1 YR	-0.0022319	0.0061456	0.734858	0.0748614	1,002	0.8539229
	Hispanic vs. White		0.0005136	0.005827	0.9339997	0.0520833	982	0.9796511
	Any Non-White vs. White		-0.0113252	0.0103495	0.3353107	0.1102222	1,039	0.7954319
	Black vs. White	3 YR	-0.0058966	0.0025128	0.0341787	0.0565276	2,049	0.1557031
	Hispanic vs. White		-0.010468	0.0046735	0.0418444	0.0492767	2,039	0.2144524
	Any Non-White vs. White		-0.0148915	0.0067134	0.0435888	0.0966495	2,135	0.167518
Hopkinton	Black vs. White	1 YR	0.0056018	0.0353525	0.8817763	0.0608856	487	0.9162375
	Hispanic vs. White		0.0272626	0.0140187	0.1237046	0.0556586	482	0.4948184
	Any Non-White vs. White		0.0227812	0.0337704	0.5369166	0.1254296	520	0.7954319
	Black vs. White	3 YR	0.0153378	0.0161512	0.3584047	0.0527197	1,073	0.5442441
	Hispanic vs. White		0.0248647	0.0098005	0.0237033	0.0439189	1,060	0.1702671
	Any Non-White vs. White		0.0178574	0.0154064	0.2658084	0.1149335	1,142	0.5189593
Jamestown	Black vs. White	1 YR	0.0400328	0.0202835	0.1196668	0.0852995	497	0.5899246
	Hispanic vs. White		0.0636292	0.0231916	0.051712	0.0683919	489	0.4136956
	Any Non-White vs. White		0.0709995	0.0296711	0.0749325	0.1399317	527	0.5743443
	Black vs. White	3 YR	0.0029181	0.0143587	0.8418781	0.0814585	1,175	0.8895257
	Hispanic vs. White		0.0285076	0.0256015	0.2842414	0.0669819	1,157	0.5719377
	Any Non-White vs. White		0.0177676	0.021238	0.4168736	0.1389091	1,250	0.6277204
Johnston	Black vs. White	1 YR	0.0093812	0.0271591	0.7471825	0.1841764	703	0.8539229
	Hispanic vs. White		-0.075137	0.0563276	0.25311	0.2494033	756	0.7787999
	Any Non-White vs. White		-0.0730391	0.0461261	0.1884854	0.3508772	877	0.6854016
	Black vs. White	3 YR	-0.0034219	0.0173102	0.8461342	0.1655765	2,241	0.8895257
	Hispanic vs. White		0.0166354	0.0399739	0.6836048	0.2168074	2,377	0.8625891
	Any Non-White vs. White		-0.0003496	0.0402738	0.9931963	0.3205726	2,752	0.9931963
Lincoln	Black vs. White	1 YR	-0.0419743	0.1043188	0.7079898	0.1889764	118	0.8539229
	Hispanic vs. White		-0.0954406	0.0525023	0.1432369	0.2313433	123	0.5208615
	Any Non-White vs. White		-0.0336539	0.0596019	0.6024762	0.3641975	150	0.8056198
	Black vs. White	3 YR	-0.0255233	0.0642066	0.6974347	0.2128603	404	0.8665098
	Hispanic vs. White		-0.0389049	0.0486791	0.4385267	0.2316017	414	0.6757336
	Any Non-White vs. White		-0.0009447	0.0552762	0.9866233	0.3533698	494	0.9931963
Little Compton	Black vs. White	1 YR	-0.0454563	0.0175173	0.060369	0.0536398	224	0.4024603
	Hispanic vs. White		-0.0201958	0.059746	0.7523385	0.0714286	227	0.9796511
	Any Non-White vs. White		-0.0607262	0.0673105	0.4179756	0.1178571	237	0.7954319
	Black vs. White	3 YR	-0.0333223	0.015025	0.0436193	0.0430925	680	0.1625811
	Hispanic vs. White		0.0044133	0.0265207	0.8702133	0.0644362	696	0.987948
	Any Non-White vs. White		-0.0258488	0.0294634	0.3951201	0.1096698	730	0.623074
Middletown	Black vs. White	1 YR	0.0416821	0.0500139	0.4514865	0.2642857	1,261	0.8539229
	Hispanic vs. White		0.0186157	0.0335718	0.6087762	0.1293322	1,069	0.9796511
	Any Non-White vs. White		0.0371467	0.0481353	0.4833434	0.3333333	1,392	0.7954319
	Black vs. White	3 YR	0.012542	0.0374672	0.7427787	0.2187125	2,197	0.8701122
	Hispanic vs. White		0.0011106	0.0240704	0.9638517	0.1166365	1,942	0.987948
	Any Non-White vs. White		0.0076308	0.0366767	0.8381811	0.2915156	2,424	0.9043533
Narragansett	Black vs. White	1 YR	0.0186133	0.0346293	0.6194292	0.0882695	1,570	0.8539229
	Hispanic vs. White		0.0083245	0.0115102	0.5095677	0.072104	1,546	0.9796511
	Any Non-White vs. White		0.0460979	0.0229404	0.1148689	0.1504329	1,689	0.5743443
	Black vs. White	3 YR	0.0119246	0.0161582	0.4727106	0.0875106	4,221	0.6614518
	Hispanic vs. White		0.0108128	0.0116398	0.3686551	0.0624182	4,116	0.6757336
	Any Non-White vs. White		0.0305876	0.0171843	0.0967872	0.1435407	4,506	0.2834482
Newport	Black vs. White	1 YR	0.0635426	0.0311146	0.1106655	0.2055944	619	0.5899246
	Hispanic vs. White		0.0473315	0.0587603	0.4656868	0.1393939	570	0.9796511
	Any Non-White vs. White		0.0902653	0.0430949	0.1042907	0.301353	704	0.5743443
	Black vs. White	3 YR	0.051602	0.0254117	0.0617327	0.1728956	2,513	0.21092
	Hispanic vs. White		0.0148369	0.0183088	0.4312861	0.1107773	2,339	0.6757336
	Any Non-White vs. White		0.060287	0.0263589	0.0382706	0.25558	2,792	0.167518
North Kingstown	Black vs. White	1 YR	-0.0602608	0.0176781	0.0270577	0.0936675	676	0.3607692
	Hispanic vs. White		-0.0269028	0.0418221	0.5550734	0.0665761	659	0.9796511
	Any Non-White vs. White		-0.0695469	0.0407838	0.1633458	0.1539409	725	0.6533831
	Black vs. White	3 YR	-0.0301092	0.0206743	0.1673533	0.0792952	2,175	0.3327671
	Hispanic vs. White		-0.0256342	0.0166394	0.145715	0.0662063	2,147	0.4857405
	Any Non-White vs. White		-0.034435	0.0251021	0.1917107	0.1428039	2,339	0.4366743
North Providence	Black vs. White	1 YR	0.1035821	0.0106985	0.0006368	0.3879173	1,121	0.0254735
	Hispanic vs. White		0.0278711	0.0437468	0.5586976	0.3770227	1,108	0.9796511
	Any Non-White vs. White		0.0604656	0.0216074	0.0488925	0.5367028	1,478	0.4889253
	Black vs. White	3 YR	0.0714596	0.0221521	0.0060986	0.350437	3,173	0.0833481
	Hispanic vs. White		0.0194297	0.0216112	0.3838253	0.3310105	3,073	0.6757336
	Any Non-White vs. White		0.0459593	0.0168119	0.0161524	0.4923992	4,055	0.1241373

Table C.8: Robustness Test with Controls for Individual Characteristics by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Smithfield	Black vs. White	1 YR	-0.0182177	0.0501255	0.734669	0.2455516	511	0.8539229
	Hispanic vs. White		-0.0431278	0.0709355	0.5760254	0.2825719	528	0.9796511
	Any Non-White vs. White		-0.037447	0.0653659	0.5973895	0.3985816	626	0.8056198
	Black vs. White	3 YR	-0.026959	0.0186285	0.1698622	0.2490185	1,615	0.3327671
	Hispanic vs. White		-0.02591	0.0301428	0.4045031	0.2614451	1,634	0.6757336
	Any Non-White vs. White		-0.0213632	0.0262106	0.4286871	0.3888635	1,974	0.6277204
Pawtucket	Black vs. White	1 YR	0.0389589	0.0304301	0.2696503	0.5384616	1,769	0.7389566
	Hispanic vs. White		0.0081305	0.0397463	0.8479027	0.4855196	1,584	0.9796511
	Any Non-White vs. White		0.0273595	0.0222318	0.2858732	0.6473336	2,308	0.7954319
	Black vs. White	3 YR	-0.0078375	0.0261929	0.7691669	0.473098	4,234	0.8759956
	Hispanic vs. White		0.0013702	0.0169105	0.9365662	0.4271024	3,905	0.987948
	Any Non-White vs. White		-0.004276	0.0193281	0.8281059	0.5928873	5,485	0.9043533
Portsmouth	Black vs. White	1 YR	-0.0126927	0.0213804	0.5846833	0.180839	1,553	0.8539229
	Hispanic vs. White		-0.0070199	0.0169976	0.7007885	0.1102217	1,430	0.9796511
	Any Non-White vs. White		-0.0196417	0.0232983	0.4466617	0.2597336	1,726	0.7954319
	Black vs. White	3 YR	0.0406281	0.0208794	0.0720319	0.1677966	4,686	0.2271776
	Hispanic vs. White		0.0183231	0.0125341	0.1658626	0.1099698	4,384	0.4857405
	Any Non-White vs. White		0.0379197	0.0229133	0.1201758	0.2511439	5,217	0.3284806
Providence	Black vs. White	1 YR	-0.0945589	0		0.6473933	923	
	Hispanic vs. White		-0.1055347	0		0.692053	1,070	
	Any Non-White vs. White		-0.0811793	0		0.7733089	1,444	
	Black vs. White	3 YR	-0.038924	0.0327456	0.3565731	0.673463	2,818	0.5442441
	Hispanic vs. White		-0.0360685	0.0399153	0.4615677	0.7053496	3,139	0.6757336
	Any Non-White vs. White		-0.0267448	0.0314938	0.4852009	0.7906696	4,414	0.66302
Richmond	Black vs. White	1 YR	-0.0526847	0.0511516	0.3612259	0.0498084	239	0.8499434
	Hispanic vs. White		0.0421169	0.007244	0.0043562	0.0461538	237	0.0871244
	Any Non-White vs. White		-0.0054524	0.0135504	0.7079791	0.1046931	254	0.8329166
	Black vs. White	3 YR	-0.0159992	0.0212726	0.4644485	0.0548986	1,056	0.6614518
	Hispanic vs. White		0.0274471	0.0004083	5.62E-19	0.0361757	1,036	2.31E-17
	Any Non-White vs. White		-0.0021153	0.0231838	0.9285927	0.1119048	1,126	0.9762129
RISP - Hope Valley	Black vs. White	1 YR	0.0918223	0.0487491	0.132733	0.2639792	684	0.5899246
	Hispanic vs. White		0.1156464	0.0088106	0.0001945	0.2267776	653	0.007782
	Any Non-White vs. White		0.1231215	0.0349524	0.024394	0.3814208	809	0.3252531
	Black vs. White	3 YR	0.1096819	0.0208783	0.0001221	0.2398589	2,021	0.0050058
	Hispanic vs. White		0.1064528	0.013704	0.00000193	0.2131447	1,957	0.0000395
	Any Non-White vs. White		0.1267642	0.0161213	0.00000167	0.3659434	2,422	0.0000686
RISP - Lincoln	Black vs. White	1 YR	0.0369596	0.0208151	0.1504511	0.4417606	1,663	0.6018044
	Hispanic vs. White		-0.0011318	0.0177674	0.9522654	0.393586	1,536	0.9796511
	Any Non-White vs. White		0.0178045	0.0181408	0.3819332	0.5589483	2,105	0.7954319
	Black vs. White	3 YR	0.0372698	0.0231561	0.129817	0.4004278	3,726	0.3326562
	Hispanic vs. White		0.0185593	0.0332343	0.585367	0.3731677	3,550	0.8000016
	Any Non-White vs. White		0.0253183	0.0252347	0.3327375	0.5310409	4,758	0.5931408
RISP - Portsmouth	Black vs. White	1 YR	0.1654176	0.0471636	0.0247319	0.1269841	56	0.3607692
	Hispanic vs. White		0.2383848	0.0751395	0.0337747	0.0677966	53	0.4136956
	Any Non-White vs. White		0.3179113	0.0873143	0.0219452	0.1666667	59	0.3252531
	Black vs. White	3 YR	0.2358502	0.0953485	0.0279469	0.1376812	115	0.1531545
	Hispanic vs. White		0.2496917	0.0810229	0.0081216	0.0775194	109	0.0832461
	Any Non-White vs. White		0.2937678	0.0860264	0.0041873	0.1678322	120	0.0429199
RISP - Scituate	Black vs. White	1 YR	0.0179037	0.0437943	0.7036169	0.2584034	431	0.8539229
	Hispanic vs. White		-0.0181541	0.0560238	0.7621418	0.2810591	443	0.9796511
	Any Non-White vs. White		0.0055359	0.0647749	0.9359992	0.4047218	537	0.9599991
	Black vs. White	3 YR	0.0393055	0.0208251	0.0800126	0.2079051	1,130	0.2343227
	Hispanic vs. White		0.0546436	0.0463675	0.2582451	0.2141176	1,130	0.5572656
	Any Non-White vs. White		0.0641081	0.0400815	0.1320395	0.3337766	1,343	0.3383511
RISP - Wickford	Black vs. White	1 YR	0.0235337	0.0399526	0.5874923	0.2075472	1,077	0.8539229
	Hispanic vs. White		0.0797365	0.0360177	0.0912378	0.2003311	1,078	0.4948184
	Any Non-White vs. White		0.0437805	0.0483469	0.4163875	0.3305613	1,280	0.7954319
	Black vs. White	3 YR	0.0061806	0.0184159	0.7421396	0.1828617	3,338	0.8701122
	Hispanic vs. White		0.0280694	0.0256865	0.2929437	0.1938372	3,399	0.5719377
	Any Non-White vs. White		0.0156957	0.0257653	0.5521629	0.3087173	3,958	0.7074588
Scituate	Black vs. White	1 YR	-0.1073653	0.0884134	0.2913992	0.0912698	225	0.7389566
	Hispanic vs. White		-0.0628886	0.0843101	0.4971651	0.084	222	0.9796511
	Any Non-White vs. White		-0.0569645	0.0829455	0.5299712	0.1611722	243	0.7954319
	Black vs. White	3 YR	-0.001068	0.0510428	0.9836025	0.054878	584	0.9836025
	Hispanic vs. White		0.0150006	0.0373828	0.694279	0.0620272	586	0.8625891
	Any Non-White vs. White		0.0486951	0.0434442	0.2812039	0.1168091	624	0.5240619

Table C.8: Robustness Test with Controls for Individual Characteristics by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Smithfield	Black vs. White	1 YR	0.0272876	0.0322982	0.4457591	0.1264489	850	0.8539229
	Hispanic vs. White		0.0395228	0.0194903	0.1124914	0.0969499	828	0.4948184
	Any Non-White vs. White		0.0562081	0.0319427	0.1532791	0.1998069	934	0.6533831
	Black vs. White	3 YR	0.04935	0.0188288	0.0201374	0.1071713	2,257	0.1531545
	Hispanic vs. White		0.052652	0.0115652	0.0004514	0.0941795	2,239	0.0061695
	Any Non-White vs. White		0.0641822	0.0165397	0.0016645	0.1791209	2,464	0.0227475
South Kingstown	Black vs. White	1 YR	0.0013302	0.0296747	0.9663949	0.1515411	1,064	0.9663949
	Hispanic vs. White		-0.0214915	0.0186612	0.3136099	0.0677328	972	0.8960283
	Any Non-White vs. White		-0.0191829	0.0341431	0.6042148	0.2001614	1,129	0.8056198
	Black vs. White	3 YR	0.029352	0.0193818	0.1521694	0.1228121	3,136	0.3327671
	Hispanic vs. White		0.0055397	0.0123745	0.66124	0.0585156	2,931	0.8625891
	Any Non-White vs. White		0.0277596	0.0237634	0.2622489	0.1755663	3,338	0.5189593
Tiverton	Black vs. White	1 YR	0.0294812	0.0111242	0.056971	0.1421471	922	0.4024603
	Hispanic vs. White		-0.0006958	0.0103113	0.9494378	0.0740343	852	0.9796511
	Any Non-White vs. White		0.0076844	0.0112667	0.53266	0.1949627	981	0.7954319
	Black vs. White	3 YR	0.0260549	0.0074249	0.0034717	0.107957	2,067	0.0711701
	Hispanic vs. White		0.0415166	0.0199213	0.0559597	0.0670265	1,977	0.2549275
	Any Non-White vs. White		0.0406669	0.0165374	0.0275574	0.1593028	2,194	0.1513303
Warwick	Black vs. White	1 YR	0.0124203	0.0103312	0.2955826	0.1710926	2,333	0.7389566
	Hispanic vs. White		0.0218505	0.0241992	0.4176155	0.139425	2,238	0.9796511
	Any Non-White vs. White		0.0205406	0.0230951	0.424049	0.2667785	2,633	0.7954319
	Black vs. White	3 YR	0.0305212	0.016713	0.089219	0.1523739	8,419	0.2438651
	Hispanic vs. White		0.0322497	0.0128419	0.0249171	0.1333117	8,238	0.1702671
	Any Non-White vs. White		0.0494568	0.0184972	0.0181664	0.2504208	9,501	0.1241373
West Greenwich	Black vs. White	1 YR	-0.0155948	0.0816975	0.8579128	0.04	67	0.9162375
	Hispanic vs. White		-0.0986183	0.0622679	0.1884173	0.1111111	73	0.6280576
	Any Non-White vs. White		-0.083725	0.0856763	0.3837904	0.1529412	77	0.7954319
	Black vs. White	3 YR	-0.0205309	0.0196736	0.3143679	0.0288066	422	0.5155634
	Hispanic vs. White		-0.0508644	0.0286161	0.0972109	0.0616302	440	0.3985646
	Any Non-White vs. White		-0.0578821	0.0262879	0.0449439	0.0975143	458	0.167518
West Warwick	Black vs. White	1YR	0.0190678	0.0517867	0.7313827	0.1418919	270	0.8539229
	Hispanic vs. White		-0.0506546	0.0619252	0.459286	0.1087719	263	0.9796511
	Any Non-White vs. White		-0.019182	0.0641013	0.7796577	0.2111801	296	0.8617742
	Black vs. White	3 YR	-0.0108336	0.0175188	0.5462429	0.1079641	3,245	0.6998737
	Hispanic vs. White		-0.0114782	0.0088782	0.216993	0.0877545	3,165	0.5572656
	Any Non-White vs. White		-0.0099116	0.0187592	0.6055245	0.1803659	3,519	0.7401296
Westerly	Black vs. White	1 YR	0.0304896	0.0100513	0.0386514	0.0977326	1,147	0.386514
	Hispanic vs. White		-0.0099297	0.0216061	0.6696874	0.0610252	1,107	0.9796511
	Any Non-White vs. White		0.0134005	0.0191352	0.5223292	0.1564327	1,230	0.7954319
	Black vs. White	3 YR	0.0229481	0.0092836	0.0268859	0.0752661	3,561	0.1531545
	Hispanic vs. White		-0.0007076	0.0119247	0.9535206	0.0472585	3,471	0.987948
	Any Non-White vs. White		0.015724	0.0176362	0.3876869	0.1313973	3,798	0.623074
Woonsocket	Black vs. White	1 YR	-0.0365056	0.0530294	0.5290446	0.2475248	445	0.8539229
	Hispanic vs. White		-0.0094681	0.0527742	0.8663383	0.347079	520	0.9796511
	Any Non-White vs. White		-0.0222161	0.0501962	0.6809449	0.4655415	634	0.8253877
	Black vs. White	3 YR	-0.0295463	0.0252046	0.2606551	0.2146018	1,631	0.4452858
	Hispanic vs. White		0.0311135	0.0241179	0.2179333	0.3015248	1,823	0.5572656
	Any Non-White vs. White		-0.0086806	0.0250172	0.7337629	0.4180328	2,193	0.8356745

Table C.9: Robustness Test with Officer Fixed Effects by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0059214	0.0194595	0.7760795	0.1006944	514	0.9564201
	Hispanic vs. White		0.0186	0.0360462	0.6330641	0.0615942	492	0.7715468
	Any Non-White vs. White		0.0112467	0.0279613	0.7080866	0.1790808	559	0.9234269
	Black vs. White	3 YR	-0.0166415	0.0143782	0.2664698	0.0804677	1,311	0.4936889
	Hispanic vs. White		0.0024773	0.0207901	0.9068432	0.0497512	1,268	0.9415022
	Any Non-White vs. White		-0.0138199	0.0179305	0.4536694	0.1451407	1,402	0.6423002
Bristol	Black vs. White	1 YR	-0.045817	0.0301423	0.2031375	0.0289256	207	0.5937865
	Hispanic vs. White		-0.0131782	0.0240902	0.6134402	0.012605	202	0.7715468
	Any Non-White vs. White		-0.0248477	0.0289524	0.4391504	0.0524194	212	0.8823187
	Black vs. White	3 YR	-0.0094736	0.0136212	0.4981236	0.0450017	2,574	0.6641648
	Hispanic vs. White		0.0110932	0.0117768	0.3621882	0.0249035	2,520	0.5925519
	Any Non-White vs. White		-0.0014349	0.0190137	0.9409124	0.0686767	2,638	0.9520868
Burrillville	Black vs. White	1 YR	0.001255	0.0041068	0.7751601	0.0300207	848	0.9564201
	Hispanic vs. White		0.0341862	0.0117638	0.0438517	0.0525784	872	0.3514765
	Any Non-White vs. White		0.0263041	0.0100672	0.059243	0.0795678	894	0.5628081
	Black vs. White	3 YR	0.0143481	0.0099693	0.1720681	0.0304496	3,117	0.4061523
	Hispanic vs. White		0.0205765	0.0093256	0.0445572	0.0445878	3,167	0.3282235
	Any Non-White vs. White		0.0197007	0.0111094	0.0979186	0.071915	3,253	0.3345552
Central Falls	Black vs. White	1 YR	-0.0144042	0.0474037	0.7763827	0.521146	664	0.9564201
	Hispanic vs. White		-0.0267488	0.02321	0.3133165	0.6436548	903	0.6698794
	Any Non-White vs. White		-0.005106	0.0304147	0.8748255	0.7209857	1,153	0.9234269
	Black vs. White	3 YR	0.0266255	0.0283586	0.363705	0.4670959	2,562	0.5527296
	Hispanic vs. White		0.0058022	0.0166178	0.7321673	0.6375577	3,798	0.8613733
	Any Non-White vs. White		0.0159798	0.0153581	0.3157539	0.7072691	4,692	0.5884504
Charlestown	Black vs. White	1 YR	0.0020927	0.0290803	0.946087	0.0585586	380	0.9716569
	Hispanic vs. White		0.0457556	0.0171786	0.056184	0.027907	366	0.3514765
	Any Non-White vs. White		0.0069295	0.0255577	0.7997051	0.0893246	394	0.9234269
	Black vs. White	3 YR	0.0218921	0.0124264	0.099925	0.0372478	1,706	0.3997
	Hispanic vs. White		0.0128625	0.0149608	0.4044108	0.0312337	1,697	0.6221704
	Any Non-White vs. White		0.0316336	0.0046045	0.00000768	0.0855037	1,801	0.000315
Coventry	Black vs. White	1 YR	-0.0004381	0.0160689	0.9795545	0.046549	562	0.9795545
	Hispanic vs. White		-0.0079744	0.0241066	0.7573993	0.0526316	570	0.858421
	Any Non-White vs. White		-0.0076767	0.0269297	0.7897455	0.0986343	596	0.9234269
	Black vs. White	3 YR	-0.0014119	0.0094678	0.8835812	0.0469279	1,862	0.9062371
	Hispanic vs. White		-0.006436	0.00953	0.5104637	0.0385554	1,849	0.7040878
	Any Non-White vs. White		-0.008993	0.009813	0.374954	0.087963	1,947	0.6149246
Cranston	Black vs. White	1 YR	0.0346184	0.0219048	0.1891669	0.282416	3,740	0.5937865
	Hispanic vs. White		0.0130008	0.0148671	0.4312275	0.3483693	4,113	0.6698794
	Any Non-White vs. White		0.0158659	0.015932	0.375687	0.4657986	5,021	0.8823187
	Black vs. White	3 YR	0.0368093	0.0148776	0.02677	0.2772391	11,328	0.2141604
	Hispanic vs. White		0.009534	0.0186246	0.6166982	0.3319346	12,261	0.7708728
	Any Non-White vs. White		0.0190855	0.0161802	0.2578345	0.4530049	14,971	0.5033911
Cumberland	Black vs. White	1 YR	-0.0100881	0.0404349	0.8152708	0.2063228	1,066	0.968134
	Hispanic vs. White		0.0192966	0.0519519	0.7291526	0.2337349	1,109	0.8558421
	Any Non-White vs. White		-0.0029111	0.0509622	0.9571871	0.3558407	1,320	0.9572976
	Black vs. White	3 YR	-0.0331752	0.019662	0.113694	0.1474889	2,817	0.4061523
	Hispanic vs. White		-0.0199113	0.027698	0.4840459	0.1843066	2,959	0.6914941
	Any Non-White vs. White		-0.0405798	0.0263324	0.145597	0.2846092	3,377	0.4263912
East Greenwich	Black vs. White	1 YR	0.0009968	0.0118653	0.9370869	0.0704225	384	0.9716569
	Hispanic vs. White		-0.0401042	0.0130759	0.0374008	0.0548926	378	0.3514765
	Any Non-White vs. White		-0.0386724	0.0206675	0.1346488	0.1334792	412	0.5685171
	Black vs. White	3 YR	-0.0365324	0.0223856	0.1249701	0.0862291	705	0.4061523
	Hispanic vs. White		-0.0410879	0.023953	0.1083178	0.073107	694	0.4814125
	Any Non-White vs. White		-0.0568349	0.0297726	0.0769798	0.1435464	753	0.2869245
East Providence	Black vs. White	1 YR	0.0063693	0.0380918	0.8753185	0.3003096	833	0.9716569
	Hispanic vs. White		-0.0032956	0.0435309	0.9432881	0.2338983	749	0.9681115
	Any Non-White vs. White		0.0104538	0.0300747	0.7456653	0.4057844	981	0.9234269
	Black vs. White	3 YR	0.0147637	0.0160454	0.3730925	0.2882142	4,198	0.5527296
	Hispanic vs. White		0.0318916	0.0182554	0.1025328	0.204149	3,752	0.4814125
	Any Non-White vs. White		0.036767	0.0166453	0.0443575	0.3790693	4,827	0.1997668
Foster	Black vs. White	1 YR	-0.0780779	0.0051788	0.0043707	0.075	69	0.1660877
	Hispanic vs. White		-0.0897065	0.1359196	0.5770986	0.0632911	68	0.7715468
	Any Non-White vs. White		-0.1439732	0.1676021	0.4808503	0.1590909	76	0.8823187
	Black vs. White	3 YR	0.0556185	0.0379564	0.168537	0.0708812	448	0.4061523
	Hispanic vs. White		0.0703772	0.0558995	0.2319724	0.0690979	448	0.5154942
	Any Non-White vs. White		0.085225	0.0610986	0.1883357	0.150613	489	0.4826103

Table C.9: Robustness Test with Officer Fixed Effects by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Glocester	Black vs. White	1 YR	0.0010205	0		0.0748614	1,002	
	Hispanic vs. White		-0.0024427	0		0.0520833	982	
	Any Non-White vs. White		-0.0062814	0		0.1102222	1,039	
	Black vs. White	3 YR	-0.0058111	0		0.0565276	2,047	
	Hispanic vs. White		-0.0118914	0.0040902	0.0114758	0.0492767	2,037	0.1147577
	Any Non-White vs. White		-0.0126258	0.0043783	0.0120233	0.0966495	2,133	0.0821589
Hopkinton	Black vs. White	1 YR	0.0237159	0.035298	0.5384734	0.0608856	487	0.9519815
	Hispanic vs. White		0.0209695	0.0148327	0.2303289	0.0556586	482	0.6698794
	Any Non-White vs. White		0.0332259	0.0411505	0.4646967	0.1254296	520	0.8823187
	Black vs. White	3 YR	0.0258769	0.0173696	0.158464	0.0527197	1,073	0.4061523
	Hispanic vs. White		0.0252319	0.0128524	0.0698047	0.0439189	1,060	0.3988839
	Any Non-White vs. White		0.028266	0.0217978	0.2156884	0.1149335	1,142	0.4912903
Jamestown	Black vs. White	1 YR	0.0430577	0.0272843	0.1896794	0.0852995	495	0.5937865
	Hispanic vs. White		0.0679474	0.0267898	0.0642316	0.0683919	488	0.3514765
	Any Non-White vs. White		0.0764551	0.0320359	0.0754503	0.1399317	525	0.5685171
	Black vs. White	3 YR	0.0050535	0.0184719	0.7884043	0.0814585	1,172	0.9015611
	Hispanic vs. White		0.0335797	0.0254956	0.2089643	0.0669819	1,154	0.5154942
	Any Non-White vs. White		0.0215925	0.0235544	0.3748175	0.1389091	1,247	0.6149246
Johnston	Black vs. White	1 YR	0.0269751	0.0461321	0.5901179	0.1841764	701	0.9519815
	Hispanic vs. White		-0.0515993	0.057788	0.4223713	0.2494033	752	0.6698794
	Any Non-White vs. White		-0.0458177	0.0421906	0.3385588	0.3508772	875	0.8823187
	Black vs. White	3 YR	0.0098313	0.0261302	0.7123758	0.1655765	2,231	0.8904698
	Hispanic vs. White		0.0190439	0.0347051	0.5918316	0.2168074	2,368	0.7636537
	Any Non-White vs. White		0.0109206	0.0350612	0.7600307	0.3205726	2,745	0.8655906
Lincoln	Black vs. White	1 YR	-0.0466502	0.1369712	0.7505525	0.1889764	117	0.9564201
	Hispanic vs. White		-0.0595249	0.0472873	0.2765624	0.2313433	123	0.6698794
	Any Non-White vs. White		-0.0734122	0.104351	0.5205299	0.3641975	149	0.8823187
	Black vs. White	3 YR	-0.0007321	0.067566	0.9915191	0.2128603	395	0.9915191
	Hispanic vs. White		-0.0143279	0.0542545	0.7958527	0.2316017	407	0.8842808
	Any Non-White vs. White		0.0044081	0.0719617	0.9520868	0.3533698	484	0.9520868
Little Compton	Black vs. White	1 YR	-0.0369156	0.0180772	0.1106787	0.0536398	224	0.5937865
	Hispanic vs. White		-0.0018846	0.0573827	0.975373	0.0714286	227	0.975373
	Any Non-White vs. White		-0.0392727	0.0672341	0.5904958	0.1178571	237	0.8823187
	Black vs. White	3 YR	-0.025967	0.0189841	0.1929223	0.0430925	679	0.4061523
	Hispanic vs. White		0.0082053	0.0259484	0.7565048	0.0644362	695	0.8645769
	Any Non-White vs. White		-0.017318	0.031411	0.5900943	0.1096698	729	0.7560583
Middletown	Black vs. White	1 YR	0.0337771	0.0452659	0.4970177	0.2642857	1,256	0.9519815
	Hispanic vs. White		0.0163998	0.0315986	0.6311504	0.1293322	1,064	0.7715468
	Any Non-White vs. White		0.0283687	0.0421683	0.5379715	0.3333333	1,388	0.8823187
	Black vs. White	3 YR	0.0089902	0.0329355	0.7888659	0.2187125	2,184	0.9015611
	Hispanic vs. White		0.0023779	0.0226744	0.9179646	0.1166365	1,933	0.9415022
	Any Non-White vs. White		0.0031517	0.0310687	0.9206369	0.2915156	2,415	0.9520868
Narragansett	Black vs. White	1 YR	0.0315759	0.0366867	0.4379409	0.0882695	1,565	0.9519815
	Hispanic vs. White		0.0211578	0.0180496	0.3061651	0.072104	1,542	0.6698794
	Any Non-White vs. White		0.057505	0.0276981	0.1064876	0.1504329	1,684	0.5685171
	Black vs. White	3 YR	0.0208265	0.0172566	0.2474803	0.0875106	4,206	0.4936889
	Hispanic vs. White		0.0159886	0.0127769	0.2313076	0.0624182	4,101	0.5154942
	Any Non-White vs. White		0.0385175	0.0177555	0.0477641	0.1435407	4,490	0.1997668
Newport	Black vs. White	1 YR	0.0297522	0.0236364	0.2765783	0.2055944	610	0.7507126
	Hispanic vs. White		0.0406624	0.0436498	0.4042985	0.1393939	563	0.6698794
	Any Non-White vs. White		0.0605879	0.0375926	0.1823198	0.301353	698	0.6928154
	Black vs. White	3 YR	0.0358656	0.0228619	0.1390157	0.1728956	2,495	0.4061523
	Hispanic vs. White		0.016387	0.0167945	0.3457537	0.1107773	2,322	0.5925519
	Any Non-White vs. White		0.0554621	0.0246414	0.0409942	0.25558	2,777	0.1997668
North Kingstown	Black vs. White	1 YR	-0.0371553	0.0130766	0.0468031	0.0936675	670	0.4446298
	Hispanic vs. White		-0.037733	0.0466274	0.4637626	0.0665761	651	0.6698794
	Any Non-White vs. White		-0.0527807	0.047054	0.3247723	0.1539409	719	0.8823187
	Black vs. White	3 YR	-0.0210658	0.0209639	0.3320158	0.0792952	2,162	0.5527296
	Hispanic vs. White		-0.0199502	0.0181484	0.2901914	0.0662063	2,131	0.5925519
	Any Non-White vs. White		-0.020373	0.0259156	0.4448947	0.1428039	2,326	0.6423002
North Providence	Black vs. White	1 YR	0.1008316	0		0.3879173	1,118	
	Hispanic vs. White		0.0106346	0.0343112	0.772079	0.3770227	1,106	0.8558421
	Any Non-White vs. White		0.0534224	0		0.5367028	1,476	
	Black vs. White	3 YR	0.0808171	0.0246073	0.0054295	0.350437	3,163	0.087446
	Hispanic vs. White		0.0256846	0.0205279	0.2313647	0.3310105	3,064	0.5154942
	Any Non-White vs. White		0.0546512	0.0174137	0.007257	0.4923992	4,045	0.0595071

Table C.9: Robustness Test with Officer Fixed Effects by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Smithfield	Black vs. White	1 YR	-0.0043473	0.0561001	0.9419539	0.2455516	506	0.9716569
	Hispanic vs. White		-0.0548678	0.0649847	0.4460304	0.2825719	525	0.6698794
	Any Non-White vs. White		-0.0434538	0.0681501	0.5583919	0.3985816	622	0.8823187
	Black vs. White	3 YR	-0.0198191	0.0232825	0.4089574	0.2490185	1,605	0.5834247
	Hispanic vs. White		-0.0221277	0.0235405	0.3631624	0.2614451	1,625	0.5925519
	Any Non-White vs. White		-0.0224332	0.0283787	0.4424241	0.3888635	1,965	0.6423002
Pawtucket	Black vs. White	1 YR	0.068356	0.0266451	0.0622793	0.5384616	1,758	0.4733225
	Hispanic vs. White		0.0329364	0.0322766	0.3652148	0.4855196	1,569	0.6698794
	Any Non-White vs. White		0.04779	0.0182054	0.0584893	0.6473336	2,299	0.5628081
	Black vs. White	3 YR	0.0049598	0.0315971	0.8775089	0.473098	4,207	0.9062371
	Hispanic vs. White		0.0194289	0.0198199	0.3435889	0.4271024	3,879	0.5925519
	Any Non-White vs. White		0.0104838	0.0223352	0.6460228	0.5928873	5,456	0.8026344
Portsmouth	Black vs. White	1 YR	-0.0156646	0.0263063	0.5835839	0.180839	1,552	0.9519815
	Hispanic vs. White		-0.0129258	0.0146852	0.4284594	0.1102217	1,429	0.6698794
	Any Non-White vs. White		-0.0287412	0.0256746	0.32563	0.2597336	1,725	0.8823187
	Black vs. White	3 YR	0.0447312	0.0227915	0.0698762	0.1677966	4,682	0.3914139
	Hispanic vs. White		0.0184702	0.014529	0.2243505	0.1099698	4,380	0.5154942
	Any Non-White vs. White		0.0391526	0.026194	0.1571845	0.2511439	5,213	0.4296376
Providence	Black vs. White	1 YR	-0.1164104	0.0408439	0.0463898	0.6473933	923	0.4446298
	Hispanic vs. White		-0.1154157	0.0210554	0.0053932	0.692053	1,070	0.1045448
	Any Non-White vs. White		-0.0881051	0.0199503	0.0115447	0.7733089	1,444	0.2184333
	Black vs. White	3 YR	-0.0429472	0.0304649	0.1804477	0.673463	2,818	0.4061523
	Hispanic vs. White		-0.0365253	0.027961	0.2125073	0.7053496	3,139	0.5154942
	Any Non-White vs. White		-0.0264087	0.0219898	0.249696	0.7906696	4,414	0.5033911
Richmond	Black vs. White	1 YR	-0.0446772	0.0530937	0.4474455	0.0498084	239	0.9519815
	Hispanic vs. White		0.0301258	0		0.0461538	237	
	Any Non-White vs. White		-0.0047387	0		0.1046931	254	
	Black vs. White	3 YR	-0.0258456	0.0225786	0.2715289	0.0548986	1,055	0.4936889
	Hispanic vs. White		0.0177234	0		0.0361757	1,035	
	Any Non-White vs. White		-0.0173799	0.0228279	0.459085	0.1119048	1,126	0.6423002
RISP - Hope Valley	Black vs. White	1 YR	0.1155766	0.0661953	0.1557433	0.2639792	668	0.5937865
	Hispanic vs. White		0.149375	0.0147751	0.0005387	0.2267776	633	0.0210098
	Any Non-White vs. White		0.162838	0.0350234	0.0096657	0.3814208	791	0.2184333
	Black vs. White	3 YR	0.1238885	0.0296333	0.0009246	0.2398589	1,972	0.0369826
	Hispanic vs. White		0.128246	0.0184979	0.00000695	0.2131447	1,902	0.000278
	Any Non-White vs. White		0.1382697	0.0247353	0.0000666	0.3659434	2,365	0.0013661
RISP - Lincoln	Black vs. White	1 YR	0.0221939	0.0317197	0.5226758	0.4417606	1,640	0.9519815
	Hispanic vs. White		-0.0266458	0.0301713	0.4270375	0.393586	1,513	0.6698794
	Any Non-White vs. White		0.0014034	0.0246324	0.9572976	0.5589483	2,084	0.9572976
	Black vs. White	3 YR	0.0368687	0.0269393	0.1926906	0.4004278	3,665	0.4061523
	Hispanic vs. White		0.0070374	0.0300177	0.8180375	0.3731677	3,480	0.8843648
	Any Non-White vs. White		0.0245951	0.0256962	0.3547305	0.5310409	4,698	0.6149246
RISP - Portsmouth	Black vs. White	1 YR	0.1758373	0.1635505	0.3428463	0.1269841	47	0.868544
	Hispanic vs. White		-0.1139175	0.0655864	0.1574061	0.0677966	45	0.6698794
	Any Non-White vs. White		0.0438566	0.2371771	0.8622959	0.1666667	49	0.9234269
	Black vs. White	3 YR	0.0288827	0.1437028	0.8443754	0.1376812	86	0.9062371
	Hispanic vs. White		-0.0634069	0.047204	0.2088794	0.0775194	76	0.5154942
	Any Non-White vs. White		-0.0367302	0.1543697	0.8163042	0.1678322	88	0.9045533
RISP - Scituate	Black vs. White	1 YR	0.0244917	0.0502299	0.6513558	0.2584034	414	0.9519815
	Hispanic vs. White		-0.0484998	0.0629881	0.4842617	0.2810591	428	0.6745074
	Any Non-White vs. White		0.0090556	0.0507467	0.8670453	0.4047218	523	0.9234269
	Black vs. White	3 YR	0.0312116	0.0321878	0.3486647	0.2079051	1,077	0.5527296
	Hispanic vs. White		0.0455678	0.0560429	0.4297791	0.2141176	1,081	0.6367098
	Any Non-White vs. White		0.0550969	0.0461945	0.2528045	0.3337766	1,294	0.5033911
RISP - Wickford	Black vs. White	1 YR	0.0147531	0.0494361	0.7802374	0.2075472	1,056	0.9564201
	Hispanic vs. White		0.0793839	0.0326885	0.0720977	0.2003311	1,056	0.3514765
	Any Non-White vs. White		0.0320826	0.0527653	0.5760027	0.3305613	1,260	0.8823187
	Black vs. White	3 YR	0.0090693	0.019504	0.6490824	0.1828617	3,278	0.8375257
	Hispanic vs. White		0.030703	0.0241558	0.2244281	0.1938372	3,342	0.5154942
	Any Non-White vs. White		0.0178273	0.0240052	0.4699758	0.3087173	3,901	0.6423002
Scituate	Black vs. White	1 YR	-0.1376924	0.0817998	0.1676077	0.0912698	225	0.5937865
	Hispanic vs. White		-0.0803295	0.0833538	0.3897622	0.084	222	0.6698794
	Any Non-White vs. White		-0.0783907	0.0908964	0.4370945	0.1611722	243	0.8823187
	Black vs. White	3 YR	-0.0111073	0.0597775	0.8552583	0.054878	583	0.9062371
	Hispanic vs. White		-0.0006453	0.0459545	0.9889942	0.0620272	584	0.9889942
	Any Non-White vs. White		0.0207797	0.0571507	0.7215929	0.1168091	623	0.8452945

Table C.9: Robustness Test with Officer Fixed Effects by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Smithfield	Black vs. White	1 YR	0.0189695	0.0345176	0.6118625	0.1264489	846	0.9519815
	Hispanic vs. White		0.0159807	0.0192743	0.4536465	0.0969499	824	0.6698794
	Any Non-White vs. White		0.0372358	0.0298618	0.2804491	0.1998069	930	0.8823187
	Black vs. White	3 YR	0.0418163	0.0197545	0.0526689	0.1071713	2,238	0.3511259
	Hispanic vs. White		0.0393434	0.0116385	0.004484	0.0941795	2,221	0.0626783
	Any Non-White vs. White		0.0533352	0.0161884	0.0053185	0.1791209	2,444	0.0545148
South Kingstown	Black vs. White	1 YR	-0.0022161	0.0300947	0.9448338	0.1515411	1,062	0.9716569
	Hispanic vs. White		-0.0201255	0.0216299	0.4048088	0.0677328	970	0.6698794
	Any Non-White vs. White		-0.0182701	0.0324697	0.6036918	0.2001614	1,127	0.8823187
	Black vs. White	3 YR	0.0347303	0.0193108	0.0936887	0.1228121	3,125	0.3997
	Hispanic vs. White		0.0129905	0.013807	0.3627279	0.0585156	2,919	0.5925519
	Any Non-White vs. White		0.0384519	0.0231014	0.1182285	0.1755663	3,326	0.3728744
Tiverton	Black vs. White	1 YR	0.0454584	0.0208461	0.0946739	0.1421471	919	0.5937865
	Hispanic vs. White		-0.0078501	0.0076309	0.361747	0.0740343	849	0.6698794
	Any Non-White vs. White		0.0176552	0.0242248	0.506497	0.1949627	978	0.8823187
	Black vs. White	3 YR	0.0376196	0.013884	0.0169366	0.107957	2,060	0.1693662
	Hispanic vs. White		0.0362211	0.0227166	0.1331491	0.0670265	1,970	0.5154942
	Any Non-White vs. White		0.0468214	0.02169	0.0487236	0.1593028	2,187	0.1997668
Warwick	Black vs. White	1 YR	0.0361504	0.0096174	0.0197943	0.1710926	2,324	0.3760913
	Hispanic vs. White		0.0414979	0.026669	0.1946833	0.139425	2,232	0.6698794
	Any Non-White vs. White		0.0479073	0.0231187	0.10696	0.2667785	2,624	0.5685171
	Black vs. White	3 YR	0.0452397	0.0141848	0.0065584	0.1523739	8,392	0.087446
	Hispanic vs. White		0.042757	0.0127378	0.0047009	0.1333117	8,215	0.0626783
	Any Non-White vs. White		0.0656415	0.0146951	0.0005319	0.2504208	9,475	0.0072691
West Greenwich	Black vs. White	1 YR	0.0434345	0.024866	0.1556077	0.04	66	0.5937865
	Hispanic vs. White		-0.0288251	0.2214839	0.902734	0.1111111	72	0.9515304
	Any Non-White vs. White		-0.0455368	0.2046573	0.8348219	0.1529412	76	0.9234269
	Black vs. White	3 YR	-0.0183892	0.022279	0.422983	0.0288066	420	0.5834247
	Hispanic vs. White		-0.0377093	0.0407413	0.370345	0.0616302	438	0.5925519
	Any Non-White vs. White		-0.0505175	0.0385885	0.2115702	0.0975143	456	0.4912903
West Warwick	Black vs. White	1 YR	0.0367652	0.0683578	0.6192201	0.1418919	266	0.9519815
	Hispanic vs. White		-0.0904691	0.0331558	0.0525183	0.1087719	260	0.3514765
	Any Non-White vs. White		-0.0168417	0.0534465	0.7684301	0.2111801	292	0.9234269
	Black vs. White	3 YR	0.0071266	0.0207869	0.7368115	0.1079641	3,231	0.8931048
	Hispanic vs. White		-0.0063577	0.0135764	0.6467821	0.0877545	3,150	0.7839783
	Any Non-White vs. White		0.0039958	0.019511	0.8406766	0.1803659	3,504	0.9070458
Westerly	Black vs. White	1 YR	0.0455214	0	0	0.0977326	1,143	
	Hispanic vs. White		-0.0043505	0.0152812	0.7900081	0.0610252	1,103	0.8558421
	Any Non-White vs. White		0.0294171	0.0150063	0.1215099	0.1564327	1,226	0.5685171
	Black vs. White	3 YR	0.0234466	0.0123428	0.0782828	0.0752661	3,543	0.3914139
	Hispanic vs. White		-0.0060577	0.0097665	0.5450557	0.0472585	3,453	0.7267409
	Any Non-White vs. White		0.0104377	0.0159479	0.5234064	0.1313973	3,782	0.6922472
Woonsocket	Black vs. White	1 YR	-0.0238225	0.045891	0.6310821	0.2475248	438	0.9519815
	Hispanic vs. White		0.029535	0.0364778	0.4635433	0.347079	513	0.6698794
	Any Non-White vs. White		0.0093642	0.0432034	0.8390108	0.4655415	627	0.9234269
	Black vs. White	3 YR	-0.0260553	0.0283068	0.3729202	0.2146018	1,615	0.5527296
	Hispanic vs. White		0.0617506	0.0286801	0.0492335	0.3015248	1,808	0.3282235
	Any Non-White vs. White		0.0130621	0.0303987	0.6739585	0.4180328	2,175	0.8127147

Table C.10: Robustness Test with Daylight Savings Time by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0899585	0.1699646	0.624624	0.0677966	118	0.8006346
	Hispanic vs. White		-0.1245971	0.0267736	0.0096345	0.0756303	119	0.0626244
	Any Non-White vs. White		-0.3431081	0.0748897	0.0101718	0.1666667	132	0.1322334
	Black vs. White	3 YR	-0.0599862	0.048243	0.2341339	0.0460526	303	0.6293103
	Hispanic vs. White		0.0293319	0.0391154	0.4657425	0.0614887	308	0.82197
	Any Non-White vs. White		-0.087061	0.0942524	0.3712893	0.1291291	332	0.8038375
Bristol	Black vs. White	1 YR	0.0582299	0.0581257	0.3731318	0.0441176	68	0.7838983
	Hispanic vs. White		0.0458582	0.0305824	0.2081233	0.0151515	66	0.5836502
	Any Non-White vs. White		0.0991081	0.0812362	0.2894741	0.057971	69	0.5644745
	Black vs. White	3 YR	0.076369	0.0223236	0.0041365	0.0460947	781	0.1654585
	Hispanic vs. White		0.0337901	0.0106573	0.0068071	0.0223097	762	0.1361417
	Any Non-White vs. White		0.0947342	0.0313467	0.0091413	0.0675845	799	0.3656529
Burrillville	Black vs. White	1 YR	-0.0068538	0.0444722	0.8849827	0.027027	222	0.9341484
	Hispanic vs. White		-0.0200587	0.0148305	0.2476107	0.04	225	0.6437878
	Any Non-White vs. White		-0.0553475	0.0339068	0.1779442	0.0729614	233	0.4626549
	Black vs. White	3 YR	-0.019981	0.0210628	0.3588932	0.0285714	735	0.6293103
	Hispanic vs. White		-0.0044155	0.0266599	0.8708207	0.0377358	742	0.9166534
	Any Non-White vs. White		-0.0342974	0.0397645	0.4029388	0.0691004	767	0.8058775
Central Falls	Black vs. White	1 YR	0.0102876	0.1274817	0.9395583	0.4395604	182	0.9395583
	Hispanic vs. White		0.043764	0.0393895	0.328826	0.6061776	259	0.7527218
	Any Non-White vs. White		0.0363056	0.0344175	0.3509897	0.6688312	308	0.5683286
	Black vs. White	3 YR	0.0626464	0.0764461	0.4272791	0.4275618	566	0.6573524
	Hispanic vs. White		0.017035	0.0738297	0.8208595	0.6124402	836	0.9166534
	Any Non-White vs. White		0.0249343	0.0475722	0.6083824	0.6832845	1,023	0.8145712
Charlestown	Black vs. White	1 YR	-0.108697	0.0932687	0.3086074	0.0594059	101	0.6898283
	Hispanic vs. White		-0.0237405	0.0609827	0.7168924	0.040404	99	0.8887324
	Any Non-White vs. White		-0.0910114	0.0911009	0.3743228	0.0952381	105	0.5683286
	Black vs. White	3 YR	-0.0413584	0.0469578	0.3933189	0.0479452	438	0.6293103
	Hispanic vs. White		-0.0136457	0.0368767	0.7168929	0.0369515	433	0.856702
	Any Non-White vs. White		-0.0187594	0.0450935	0.6837091	0.0855263	456	0.8393696
Coventry	Black vs. White	1 YR	0.0400262	0.0329342	0.2910632	0.0434783	138	0.6898283
	Hispanic vs. White		-0.031547	0.080442	0.714931	0.0704225	142	0.8887324
	Any Non-White vs. White		-0.0427949	0.0298359	0.2247858	0.114094	149	0.515685
	Black vs. White	3 YR	-0.0290899	0.0322802	0.3827398	0.0458333	480	0.6293103
	Hispanic vs. White		-0.0118973	0.0279931	0.6772894	0.0398323	477	0.856702
	Any Non-White vs. White		-0.0676897	0.0353714	0.0763297	0.0876494	502	0.6838946
Cranston	Black vs. White	1 YR	0.0980164	0.0502848	0.1230668	0.3116474	953	0.5671687
	Hispanic vs. White		0.013064	0.0329362	0.7118793	0.3716475	1,044	0.8887324
	Any Non-White vs. White		0.0306111	0.0306795	0.3748588	0.4930448	1,294	0.883286
	Black vs. White	3 YR	0.0596616	0.0356005	0.1159449	0.2868766	2,827	0.5797243
	Hispanic vs. White		0.0371881	0.0292962	0.2250012	0.3484163	3,094	0.7500041
	Any Non-White vs. White		0.0577907	0.0367973	0.1386158	0.4683544	3,792	0.6838946
Cumberland	Black vs. White	1 YR	-0.135115	0.1033037	0.2609955	0.2593985	266	0.6898283
	Hispanic vs. White		-0.0581807	0.1804439	0.7632755	0.2621723	267	0.8887324
	Any Non-White vs. White		-0.0573945	0.1448554	0.7121702	0.4066265	332	0.8326437
	Black vs. White	3 YR	-0.1263665	0.05385	0.0341817	0.1651007	745	0.2278783
	Hispanic vs. White		-0.0840795	0.0839268	0.3334331	0.1963824	774	0.7845484
	Any Non-White vs. White		-0.0959089	0.0761508	0.2284573	0.3104213	902	0.7615242
East Greenwich	Black vs. White	1 YR	0.061915	0.152377	0.7053013	0.0900901	111	0.8373528
	Hispanic vs. White		0.0705238	0.1222834	0.5950266	0.0648148	108	0.8887324
	Any Non-White vs. White		0.1460989	0.2334022	0.5652896	0.1512605	119	0.7111708
	Black vs. White	3 YR	0.0764199	0.1236942	0.5482444	0.0886076	156	0.7074121
	Hispanic vs. White		0.0593832	0.0977299	0.5547608	0.0649351	150	0.8534781
	Any Non-White vs. White		0.1487054	0.1972442	0.4643372	0.1529412	168	0.8145712
East Providence	Black vs. White	1 YR	0.1562834	0.1271893	0.2865134	0.3407821	179	0.6898283
	Hispanic vs. White		0.2164749	0.0191367	0.0003481	0.2185431	151	0.0045252
	Any Non-White vs. White		0.2265137	0.0883125	0.0623133	0.4271845	206	0.3814629
	Black vs. White	3 YR	0.0201638	0.0789911	0.8022287	0.2851153	954	0.8444512
	Hispanic vs. White		0.0241981	0.0610526	0.6978231	0.1995305	852	0.856702
	Any Non-White vs. White		0.0209424	0.0723317	0.7764169	0.3720074	1,086	0.8393696
Foster	Black vs. White	1 YR	-0.2008948	0.28212	0.6060635	0.0666667	30	0.8006346
	Hispanic vs. White		0.0838251	0.0699096	0.4425322	0.0666667	30	0.8887324
	Any Non-White vs. White		-0.126805	0.0961378	0.412975	0.125	32	0.5965195
	Black vs. White	3 YR	-0.0600697	0.0919929	0.5300926	0.0306122	97	0.7067901
	Hispanic vs. White		0.0452885	0.0604167	0.4726327	0.05	99	0.82197
	Any Non-White vs. White		0.0010958	0.0744945	0.9885845	0.0952381	104	0.9885845

Table C.10: Robustness Test with Daylight Savings Time by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Glocester	Black vs. White	1 YR	0.025924	0.0492991	0.6267964	0.0628019	207	0.8006346
	Hispanic vs. White		-0.0027829	0.0521703	0.9600174	0.0582524	206	0.9600174
	Any Non-White vs. White		0.0435829	0.068135	0.5571944	0.1181818	220	0.7111708
	Black vs. White	3 YR	0.0319982	0.0218522	0.1688115	0.0527426	473	0.6138601
	Hispanic vs. White		0.0320586	0.0244343	0.2140538	0.0587002	476	0.7500041
	Any Non-White vs. White		0.0655655	0.034072	0.0783504	0.1108911	504	0.6838946
Hopkinton	Black vs. White	1 YR	-0.0369205	0.0735235	0.6419396	0.0769231	130	0.8006346
	Hispanic vs. White		0.0552378	0.1026516	0.619047	0.0322581	124	0.8887324
	Any Non-White vs. White		0.0581537	0.1833638	0.7669943	0.1240876	137	0.8326437
	Black vs. White	3 YR	0.0140776	0.0491052	0.7788738	0.0512821	272	0.8420258
	Hispanic vs. White		0.0096303	0.0543422	0.8620703	0.0226415	264	0.9166534
	Any Non-White vs. White		0.0964775	0.1027146	0.3647137	0.1038062	288	0.8038375
Jamestown	Black vs. White	1 YR	-0.0891769	0.109179	0.4598985	0.046875	128	0.8006346
	Hispanic vs. White		-0.0943329	0.0631472	0.2095155	0.031746	126	0.5836502
	Any Non-White vs. White		-0.1489001	0.143399	0.3577455	0.0687023	131	0.5683286
	Black vs. White	3 YR	-0.0671848	0.0722858	0.3684142	0.0625	272	0.6293103
	Hispanic vs. White		-0.0432629	0.0419297	0.3196637	0.0340909	264	0.7845484
	Any Non-White vs. White		-0.0791041	0.0858119	0.3722303	0.0957447	282	0.8038375
Johnston	Black vs. White	1 YR	-0.0616787	0.0433981	0.2282979	0.1902439	205	0.6898283
	Hispanic vs. White		-0.1165521	0.0503515	0.0816038	0.2556054	223	0.3182549
	Any Non-White vs. White		-0.1394854	0.0540356	0.0612394	0.3688213	263	0.3814629
	Black vs. White	3 YR	-0.026336	0.0295208	0.3874068	0.1661585	656	0.6293103
	Hispanic vs. White		-0.0617325	0.0734536	0.4147915	0.2295775	710	0.82197
	Any Non-White vs. White		-0.0589519	0.0386927	0.1498764	0.3312958	818	0.6838946
Lincoln	Black vs. White	1 YR	1	4.76E-16	2.27E-31	0.1818182	8	8.61E-30
	Hispanic vs. White		1.5	1.43E-15	9.08E-31	0.25	10	1.77E-29
	Any Non-White vs. White		1.5	1.43E-15	9.08E-31	0.25	10	1.77E-29
	Black vs. White	3 YR	0.1263831	0.2352342	0.6017833	0.2247191	84	0.7079804
	Hispanic vs. White		0.325457	0.1915862	0.1174371	0.2417582	88	0.5871857
	Any Non-White vs. White		0.2160033	0.190172	0.2801685	0.3428572	102	0.8038375
Little Compton	Black vs. White	1 YR	-0.5667925	0.2728253	0.1063243	0.0851064	47	0.5671687
	Hispanic vs. White		-0.2468225	0.0699591	0.0242722	0.0444444	44	0.1352307
	Any Non-White vs. White		-0.5986046	0.2527247	0.0769379	0.1041667	48	0.3814629
	Black vs. White	3 YR	-0.214938	0.1346805	0.132828	0.0314961	127	0.5822156
	Hispanic vs. White		-0.1447297	0.1012777	0.1749254	0.0390625	127	0.7500041
	Any Non-White vs. White		-0.2601302	0.1494982	0.1037803	0.0681818	132	0.6838946
Middletown	Black vs. White	1 YR	0.1819992	0.1019615	0.1488183	0.2941177	306	0.5671687
	Hispanic vs. White		0.0111418	0.0966652	0.9137923	0.1325301	249	0.9378394
	Any Non-White vs. White		0.164102	0.0890936	0.1392902	0.3552239	335	0.4366626
	Black vs. White	3 YR	0.0892068	0.0688328	0.2159367	0.2551724	580	0.6293103
	Hispanic vs. White		-0.0257842	0.0664089	0.7036601	0.1307847	497	0.856702
	Any Non-White vs. White		0.0380564	0.0731316	0.6109284	0.3291925	644	0.8145712
Narragansett	Black vs. White	1 YR	0.0183199	0.0377861	0.6531493	0.0798479	263	0.8006346
	Hispanic vs. White		-0.0795631	0.0118164	0.0025348	0.0656371	259	0.0197713
	Any Non-White vs. White		-0.0374086	0.0216235	0.1586833	0.1294964	278	0.4420464
	Black vs. White	3 YR	0.0521879	0.0247583	0.0535446	0.0904872	862	0.3059689
	Hispanic vs. White		-0.057619	0.0159043	0.00277	0.0699881	843	0.1108004
	Any Non-White vs. White		-0.0261188	0.0268589	0.3473324	0.1487514	921	0.8038375
Newport	Black vs. White	1 YR	0.0567368	0.091067	0.5670322	0.14375	160	0.8006346
	Hispanic vs. White		-0.0553316	0.1807579	0.7747924	0.116129	155	0.8887324
	Any Non-White vs. White		0.0575673	0.0913432	0.5627537	0.2259887	177	0.7111708
	Black vs. White	3 YR	-0.0684825	0.0533188	0.2198503	0.1502276	659	0.6293103
	Hispanic vs. White		0.0349838	0.0630203	0.587573	0.1125198	631	0.856702
	Any Non-White vs. White		-0.0110448	0.0727211	0.8814492	0.2307692	728	0.9040504
North Kingstown	Black vs. White	1 YR	0.1514447	0.1103102	0.2417217	0.0948905	137	0.6898283
	Hispanic vs. White		0.0115272	0.0695825	0.8764587	0.0606061	132	0.9314737
	Any Non-White vs. White		0.1715534	0.0745329	0.082783	0.1564626	147	0.3814629
	Black vs. White	3 YR	0.0564749	0.0730448	0.452288	0.0746269	402	0.6700563
	Hispanic vs. White		0.0673185	0.0562574	0.2513278	0.0769231	403	0.765901
	Any Non-White vs. White		0.1073731	0.0808941	0.2056397	0.1487414	437	0.7477809
North Providence	Black vs. White	1 YR	0.0295167	0.0546326	0.617683	0.3630573	314	0.8006346
	Hispanic vs. White		0.0837781	0.1133878	0.5009983	0.3311037	299	0.8887324
	Any Non-White vs. White		0.0527216	0.0426952	0.2844697	0.4962217	397	0.5644745
	Black vs. White	3 YR	0.0485783	0.0414346	0.2605978	0.3367117	888	0.6293103
	Hispanic vs. White		-0.0243839	0.0687705	0.7281967	0.3151163	860	0.856702
	Any Non-White vs. White		-0.0145631	0.0320406	0.6564215	0.4773736	1,127	0.8393696

Table C.10: Robustness Test with Daylight Savings Time by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Smithfield	Black vs. White	1 YR	-0.0332897	0.0950099	0.7492104	0.2391304	91	0.8373528
	Hispanic vs. White		0.0503374	0.1430039	0.7426003	0.2783505	97	0.8887324
	Any Non-White vs. White		-0.0686791	0.0951363	0.5103002	0.4067796	118	0.7107752
	Black vs. White	3 YR	-0.1503802	0.0615498	0.029587	0.2664577	318	0.2278783
	Hispanic vs. White		0.021349	0.0485624	0.6669221	0.28	325	0.856702
	Any Non-White vs. White		-0.0307137	0.0429207	0.4860077	0.4164588	401	0.8145712
Pawtucket	Black vs. White	1 YR	0.1232486	0.1285428	0.3919491	0.5316742	442	0.7838983
	Hispanic vs. White		-0.0080838	0.0518715	0.8837059	0.4732825	393	0.9314737
	Any Non-White vs. White		0.0304392	0.0835843	0.7341626	0.640625	576	0.8326437
	Any Non-White vs. White	3 YR	0.0561473	0.0593914	0.3604975	0.4464286	1,232	0.6293103
	Hispanic vs. White		0.0091033	0.0407551	0.8264778	0.4115617	1,159	0.9166534
	Any Non-White vs. White		0.0131093	0.0436039	0.7681034	0.5721455	1,594	0.8393696
Portsmouth	Black vs. White	1 YR	0.0075995	0.089584	0.936472	0.1969697	396	0.9395583
	Hispanic vs. White		-0.0395757	0.0705215	0.6046194	0.1142061	359	0.8887324
	Any Non-White vs. White		-0.0248639	0.0873071	0.7899441	0.2689655	435	0.8326437
	Black vs. White	3 YR	0.0637058	0.0413342	0.1455539	0.1608392	1,144	0.5822156
	Hispanic vs. White		-0.0002852	0.0367671	0.993921	0.1053122	1,073	0.993921
	Any Non-White vs. White		0.0363816	0.0402916	0.3818228	0.2411067	1,265	0.8038375
Providence	Black vs. White	1 YR	0.0336624	0		0.6061269	457	
	Hispanic vs. White		0.0493939	0		0.6341463	492	
	Any Non-White vs. White		0.0633486	0		0.7264438	658	
	Black vs. White	3 YR	-0.0628395	0.079448	0.5118704	0.6521739	897	0.7056596
	Hispanic vs. White		-0.0437725	0.0736465	0.6125513	0.6773526	967	0.856702
	Any Non-White vs. White		-0.0271846	0.0740744	0.7488186	0.7671642	1,340	0.8393696
Richmond	Black vs. White	1 YR	-0.1957361	0.1039046	0.1326963	0.0701754	57	0.5671687
	Hispanic vs. White		-0.013616	0.0715373	0.8583162	0.0363636	55	0.9314737
	Any Non-White vs. White		-0.2192483	0.1060694	0.1075921	0.1311475	61	0.3814629
	Black vs. White	3 YR	-0.0305754	0.068605	0.6626478	0.0568182	264	0.7362754
	Hispanic vs. White		-0.045802	0.023492	0.071533	0.0235294	255	0.5048984
	Any Non-White vs. White		0.0492563	0.0776938	0.5363153	0.113879	281	0.8145712
RISP - Hope Valley	Black vs. White	1 YR	-0.0754295	0.2181311	0.746915	0.2727273	143	0.8373528
	Hispanic vs. White		0.2022986	0.0273787	0.0017889	0.2352941	136	0.0174415
	Any Non-White vs. White		0.2458276	0.1362657	0.1455542	0.3953488	172	0.4366626
	Black vs. White	3 YR	-0.0135709	0.0984651	0.8923418	0.215736	394	0.9152223
	Hispanic vs. White		0.1076141	0.0561063	0.0757348	0.2015504	387	0.5048984
	Any Non-White vs. White		0.0908786	0.0839008	0.297037	0.3481013	474	0.8038375
RISP - Lincoln	Black vs. White	1 YR	0.061581	0.0956658	0.5548136	0.4197952	293	0.8006346
	Hispanic vs. White		-0.0508563	0.1093118	0.6659591	0.384058	276	0.8887324
	Any Non-White vs. White		0.0140773	0.0491034	0.7885883	0.5478724	376	0.8326437
	Black vs. White	3 YR	-0.0067765	0.1044977	0.9492118	0.3780121	664	0.9492118
	Hispanic vs. White		-0.0796765	0.0971855	0.4260461	0.3675345	653	0.82197
	Any Non-White vs. White		-0.0345436	0.0926644	0.7148938	0.5219907	864	0.8393696
RISP - Scituate	Black vs. White	1 YR	0.3882446	0.2045891	0.1305879	0.2631579	57	0.5671687
	Hispanic vs. White		-0.161974	0.4985634	0.7615525	0.34375	64	0.8887324
	Any Non-White vs. White		0.0772011	0.3788767	0.8484854	0.44	75	0.8708139
	Black vs. White	3 YR	0.2325684	0.0769742	0.0091551	0.2	220	0.1831011
	Hispanic vs. White		0.0117583	0.1067038	0.9138183	0.2072072	222	0.9372495
	Any Non-White vs. White		0.1540044	0.1067126	0.1709737	0.3333333	264	0.6838946
RISP - Wickford	Black vs. White	1 YR	-0.1345627	0.0727286	0.1379572	0.1402715	221	0.5671687
	Hispanic vs. White		0.0853475	0.1483875	0.595984	0.1629956	227	0.8887324
	Any Non-White vs. White		-0.0216919	0.147092	0.8898947	0.2635659	258	0.8898947
	Black vs. White	3 YR	-0.0579509	0.0610659	0.3587211	0.181686	688	0.6293103
	Hispanic vs. White		0.0862803	0.0837756	0.3205233	0.184058	690	0.7845484
	Any Non-White vs. White		0.0507985	0.0923488	0.5909386	0.3023544	807	0.8145712
Scituate	Black vs. White	1 YR	-0.1249742	0.1367886	0.4282788	0.18	50	0.8006346
	Hispanic vs. White		-0.4309714	0.1408173	0.0549714	0.1086956	46	0.2382095
	Any Non-White vs. White		-0.3362086	0.1464987	0.1054749	0.2115385	52	0.3814629
	Black vs. White	3 YR	-0.0755032	0.1063029	0.4911131	0.1028037	104	0.7015901
	Hispanic vs. White		-0.09456	0.1494302	0.538734	0.0769231	101	0.8534781
	Any Non-White vs. White		-0.0937929	0.1558522	0.5585017	0.1652174	112	0.8145712
Smithfield	Black vs. White	1 YR	0.0918403	0.0319588	0.0452989	0.09319	279	0.5671687
	Hispanic vs. White		0.0688905	0.0935758	0.5024504	0.0594796	296	0.8887324
	Any Non-White vs. White		0.1559017	0.0738686	0.1024294	0.1452703	269	0.3814629
	Black vs. White	3 YR	0.0384445	0.03687	0.3160891	0.083871	619	0.6293103
	Hispanic vs. White		0.0412035	0.0496124	0.4201888	0.0688525	610	0.82197
	Any Non-White vs. White		0.0554268	0.0819473	0.5098256	0.141994	662	0.8145712

Table C.10: Robustness Test with Daylight Savings Time by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
South Kingstown	Black vs. White	1 YR	-0.0202033	0.0928862	0.8384587	0.1910112	267	0.9103266
	Hispanic vs. White		-0.0241549	0.0662266	0.733777	0.0808511	235	0.8887324
	Any Non-White vs. White		-0.0565844	0.0969567	0.5908101	0.2447552	286	0.7200497
	Black vs. White	3 YR	-0.0265592	0.046406	0.5761791	0.1360875	823	0.7077468
	Hispanic vs. White		-0.0302491	0.0234416	0.2178163	0.0532623	751	0.7500041
	Any Non-White vs. White		-0.073204	0.0501178	0.1661918	0.1864989	874	0.6838946
Tiverton	Black vs. White	1 YR	0.0461999	0.0697257	0.5438204	0.16	175	0.8006346
	Hispanic vs. White		0.081742	0.0707004	0.311962	0.0576923	156	0.7527218
	Any Non-White vs. White		0.1010543	0.0664255	0.2028278	0.2139037	187	0.4943927
	Black vs. White	3 YR	-0.0424543	0.0757219	0.5838911	0.1141552	438	0.7077468
	Hispanic vs. White		-0.0407822	0.0593861	0.5034699	0.044335	406	0.8391165
	Any Non-White vs. White		-0.0621956	0.1015617	0.5500963	0.1565217	460	0.8145712
Warwick	Black vs. White	1 YR	-0.0760359	0.0228661	0.0292345	0.1538462	663	0.5554554
	Hispanic vs. White		-0.0383007	0.0360065	0.3474101	0.1275272	643	0.7527218
	Any Non-White vs. White		-0.0557173	0.0548342	0.3670422	0.252	750	0.5683286
	Black vs. White	3 YR	-0.0789838	0.0307211	0.0221944	0.1376812	2,208	0.2278783
	Hispanic vs. White		-0.0331861	0.0161199	0.0586335	0.125	2,176	0.5048984
	Any Non-White vs. White		-0.0561486	0.0321232	0.1023643	0.2384	2,500	0.6838946
West Greenwich	Black vs. White	1 YR	0	0		0	4	
	Hispanic vs. White		-1	6.88E-16	4.73E-31	0.1666667	10	1.77E-29
	Any Non-White vs. White		-1	6.88E-16	4.73E-31	0.1666667	10	1.77E-29
	Black vs. White	3 YR	0.0960238	0.0807533	0.2594353	0.0204082	92	0.6293103
	Hispanic vs. White		-0.1321557	0.0775833	0.114227	0.049505	99	0.5871857
	Any Non-White vs. White		-0.0390923	0.1662921	0.8181088	0.0943396	104	0.8611671
West Warwick	Black vs. White	1 YR	0.3894893	0.2366353	0.1751198	0.1343284	67	0.6049595
	Hispanic vs. White		0.3095807	0.2010757	0.1984906	0.0793651	63	0.5836502
	Any Non-White vs. White		0.5416384	0.2310615	0.0790206	0.1830986	71	0.3814629
	Black vs. White	3 YR	-0.0207351	0.0457977	0.6576623	0.1025641	780	0.7362754
	Hispanic vs. White		0.0275921	0.0349289	0.4427324	0.0849673	765	0.82197
	Any Non-White vs. White		-0.0180567	0.0511102	0.7291341	0.1696323	843	0.8393696
Westerly	Black vs. White	1YR	-0.0431974	0.0723585	0.5826617	0.0976431	297	0.8006346
	Hispanic vs. White		-0.0806704	0.0272391	0.0414899	0.0662021	287	0.2022634
	Any Non-White vs. White		-0.0828801	0.0631164	0.2594013	0.1625	320	0.5620362
	Black vs. White	3 YR	-0.0471799	0.0493039	0.3548411	0.079857	839	0.6293103
	Hispanic vs. White		-0.041026	0.0208299	0.069002	0.0469136	810	0.5048984
	Any Non-White vs. White		-0.0836663	0.0431543	0.072958	0.1354983	893	0.6838946
Woonsocket	Black vs. White	1 YR	0.2617221	0.1468315	0.1492549	0.28125	96	0.5671687
	Hispanic vs. White		0.5024962	0.280985	0.1482372	0.3168317	101	0.5255682
	Any Non-White vs. White		0.2731579	0.2763481	0.3788857	0.448	125	0.5683286
	Black vs. White	3 YR	0.1789148	0.0737855	0.0294356	0.1994949	396	0.2278783
	Hispanic vs. White		0.1227294	0.1064082	0.2680653	0.2892377	446	0.765901
	Any Non-White vs. White		0.0679897	0.1008175	0.5110504	0.4018868	530	0.8145712

APPENDIX D: SYNTHETIC CONTROL ANALYSIS DATA TABLES

Table D.1: Synthetic Control Analysis by Agency (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	20.6236	0.0473782	0	391,471	0
	Hispanic	-0.8654229	0.0590582	0	388,011	0
	Any Non-White	-0.5508422	0.0360929	0	456,266	0
Bristol	Black	-2.011036	0.3854094	0.000000181	293,629	0.00000026
	Hispanic	-2.577219	0.4012005	1.33E-10	290,382	1.91E-10
	Any Non-White	-2.129726	0.3019806	1.76E-12	342,731	2.34E-12
Burrillville	Black	0.827603	0.474251	0.080972	380,624	0.080972
	Hispanic	-1.258662	0.9929519	0.2049423	377,086	0.2113467
	Any Non-White	-0.7175607	0.9117413	0.4312688	443,510	0.4312688
Central Falls	Black	0			6,039	
	Hispanic	0			8,722	
	Any Non-White	0			10,773	
Charlestown	Black	-0.8693547	0.0587816	0	390,220	0
	Hispanic	-1.269951	0.0744365	0	386,827	0
	Any Non-White	6.614437	0.0396055	0	454,731	0
Coventry	Black	-0.9750493	0.040338	0	390,767	0
	Hispanic	-1.144494	0.0469706	0	387,288	0
	Any Non-White	-1.051361	0.0313762	0	455,446	0
Cranston	Black	-0.1206763	0.013645	9.23E-19	391,471	1.39E-18
	Hispanic	0.2049361	0.0134096	0	388,011	0
	Any Non-White	0.1163866	0.0105817	3.87E-28	456,266	7.29E-28
Cumberland	Black	0.2830721	0.026542	1.48E-26	389,238	2.88E-26
	Hispanic	0.701121	0.0240513	0	385,783	0
	Any Non-White	0.4792038	0.0191601	0	453,623	0
East Greenwich	Black	24.74456	0.0616004	0	386,363	0
	Hispanic	-0.5073715	0.068775	1.62E-13	383,087	2.42E-13
	Any Non-White	-0.5033562	0.0486548	4.39E-25	450,148	7.8E-25
East Providence	Black	0.4341459	0.0186309	0	391,325	0
	Hispanic	-0.0536778	0.0223462	0.0163014	387,860	0.0173531
	Any Non-White	0.2035534	0.0161366	1.76E-36	456,087	4.33E-36
Foster	Black	-0.4437276	0.0915841	0.00000127	386,107	0.00000174
	Hispanic	10.06556	0.1007095	0	382,533	0
	Any Non-White	-0.3151798	0.067071	0.00000261	449,838	0.00000334
Glocester	Black	-0.531051	0.0547277	2.91E-22	390,816	4.81E-22
	Hispanic	-0.5337801	0.0604112	9.94E-19	387,333	1.73E-18
	Any Non-White	-0.5992696	0.0427034	0	455,454	0
Hopkinton	Black	12.59728	0.0548313	0	391,471	0
	Hispanic	-0.3324105	0.0635751	0.000000171	388,011	0.000000235
	Any Non-White	-0.1692848	0.0408389	0.000034	456,266	0.0000418
Jamestown	Black	5.85158	0.0508309	0	391,471	0
	Hispanic	-0.2278382	0.0673245	0.0007139	388,011	0.0008726
	Any Non-White	-0.1273692	0.0439297	0.003739	456,266	0.0042731
Johnston	Black	0.1321782	0.0276538	0.00000176	355,392	0.00000232
	Hispanic	0.515526	0.0247199	0	352,100	0
	Any Non-White	0.3459389	0.0197796	0	413,975	0
Lincoln	Black	0.1903779	0.0567285	0.0007909	387,951	0.0009322
	Hispanic	0.4633748	0.0526871	1.43E-18	384,517	2.36E-18
	Any Non-White	0.3552284	0.0420262	2.85E-17	452,206	4.15E-17

Table D.1: Synthetic Control Analysis by Agency (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
Little Compton	Black	0			103,310	
	Hispanic	0			100,289	
	Any Non-White	0			112,231	
Middletown	Black	0.2610619	0.026042	1.19E-23	380,326	2.06E-23
	Hispanic	-0.3382772	0.0334766	5.26E-24	376,835	9.63E-24
	Any Non-White	0.0443359	0.0217919	0.0418994	443,036	0.043251
Narragansett	Black	13.35489	0.0290119	0	387,864	0
	Hispanic	-0.6508083	0.0350126	0	384,706	0
	Any Non-White	-0.5714464	0.0236789	0	451,858	0
Newport	Black	-0.0456205	0.0242719	0.0601676	391,471	0.0633793
	Hispanic	-0.6483046	0.0312152	0	388,011	0
	Any Non-White	-0.2442242	0.0204113	5.41E-33	456,266	1.15E-32
North Kingstown	Black	3.412686	0.0311645	0	391,471	0
	Hispanic	359.0129	0.0370278	0	388,011	0
	Any Non-White	-0.2567391	0.025801	2.5E-23	456,266	4E-23
North Providence	Black	0.4710889	0.0353442	0	122,426	0
	Hispanic	0.087908	0.0348806	0.0117271	117,668	0.0133447
	Any Non-White	0.2182122	0.0282889	1.22E-14	137,517	1.7E-14
North Smithfield	Black	0.8775309	0.0302351	0	391,471	0
	Hispanic	1.210146	0.0306616	0	388,011	0
	Any Non-White	0.9973278	0.0237576	0	456,266	0
Pawtucket	Black	0.6741759	0.0141105	0	46,192	0
	Hispanic	0.0578796	0.0151098	0.0001278	44,661	0.0001622
	Any Non-White	0.2802906	0.0126373	0	61,554	0
Portsmouth	Black	1.021091	0.0533373	0	217,663	0
	Hispanic	0.8086553	0.0617789	0	212,782	0
	Any Non-White	0.7973348	0.0390959	0	237,935	0
Providence	Black	0			118,998	
	Hispanic	0			120,402	
	Any Non-White	0			150,015	
Richmond	Black	-0.6924732	0.077206	2.99E-19	390,805	4.69E-19
	Hispanic	-1.085262	0.1022337	2.52E-26	387,355	4.9E-26
	Any Non-White	-0.6540949	0.0571106	2.27E-30	455,476	4.54E-30
Scituate	Black	0.411451	0.220006	0.0614587	384,505	0.0633793
	Hispanic	0.1311639	0.1832496	0.4741356	378,477	0.4741356
	Any Non-White	0.3233105	0.1445529	0.025311	444,255	0.0279293
Smithfield	Black	-0.1426035	0.0324927	0.0000114	388,405	0.0000145
	Hispanic	-0.4775227	0.0257832	0	385,012	0
	Any Non-White	-0.2363944	0.0258392	5.76E-20	452,729	8.78E-20
South Kingstown	Black	12.16854	0.0280681	0	387,028	0
	Hispanic	-0.7428023	0.1790945	0.0000336	383,556	0.0000444
	Any Non-White	-0.4164521	0.1348691	0.0020163	451,011	0.0023897
Tiverton	Black	-0.1374118	0.0356733	0.0001172	391,471	0.0001432
	Hispanic	-0.5391527	0.0471237	2.6E-30	388,011	5.37E-30
	Any Non-White	-0.294641	0.0294095	1.26E-23	456,266	2.13E-23
Warwick	Black	-2.074834	1.071328	0.0527827	196,368	0.058061
	Hispanic	-2.691399	1.084334	0.013062	198,280	0.0143682
	Any Non-White	-2.176294	1.007204	0.0307164	230,095	0.0327642

Table D.1: Synthetic Control Analysis by Agency (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
West Greenwich	Black	-1.067737	0.1038552	8.58E-25	389,460	1.57E-24
	Hispanic	-0.8546318	0.1019314	5.1E-17	386,033	8.01E-17
	Any Non-White	-0.9079845	0.07233	3.81E-36	453,905	8.71E-36
West Warwick	Black	-0.9175003	0.3560639	0.0099724	363,710	0.0113479
	Hispanic	-0.9103689	0.3467819	0.00866	360,469	0.0102065
	Any Non-White	3.982042	0.0256616	0	424,018	0
Westerly	Black	139.0135	0.0320815	0	391,471	0
	Hispanic	-1.076623	0.0408254	0	388,011	0
	Any Non-White	-0.6904618	0.0245836	0	456,266	0
Woonsocket	Black	-0.9402488	0.04235	0	389,353	0
	Hispanic	-1.335658	0.0369188	0	385,917	0
	Any Non-White	-316.4983			453,727	

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	-26.24217	1.482174	0	391,471	0
	Hispanic	-36.04175	1.666199	0	388,011	0
	Any Non-White	36.56917			456,266	
Bristol	Black	1.328706	2.287687	0.5613701	293,629	0.6477347
	Hispanic	0.9865511	1.245208	0.4281983	290,382	0.5212849
	Any Non-White	0.2606789	962.1006	0.9997838	342,731	0.999993
Burrillville	Black	-3.881698	1399.613	0.9977871	380,624	0.9977871
	Hispanic	-1.371447	3.472955	0.6929216	377,086	0.7760723
	Any Non-White	-1.876055	5.999607	0.7545114	443,510	0.934157
Central Falls	Black	0			6,039	
	Hispanic	0			8,722	
	Any Non-White	0			10,773	
Charlestown	Black	-7.014475	1.391997	4.68E-07	390,220	7.38E-07
	Hispanic	-5.007084	3.4521	0.1469342	386,827	0.2057078
	Any Non-White	-4.275963	0.3181884	0	454,731	0
Coventry	Black	-15.77156	29.07026	0.5874518	390,767	0.6527241
	Hispanic	-25.49614	1.001803	0	387,288	0
	Any Non-White	73.18906			455,446	
Cranston	Black	3.882441	0.0532563	0	391,471	0
	Hispanic	4.265428	0.0527061	0	388,011	0
	Any Non-White	3.58362	0.0375922	0	456,266	0
Cumberland	Black	-11.63162	0.8879786	0	389,238	0
	Hispanic	-11.17755	0.3971743	0	385,783	0
	Any Non-White	0.0523092	0.2904526	0.8570775	453,623	0.999993
East Greenwich	Black	-8.204619	3.121794	0.0085844	386,363	0.0117061
	Hispanic	-13.90694	10.8027	0.1979696	383,087	0.2519613
	Any Non-White	-6.380448	1.548409	0.0000378	450,148	0.0000655
East Providence	Black	48.78417	1.111288	0	391,325	0
	Hispanic	-34.75981			387,860	
	Any Non-White	47.88335	0.9101439	0	456,087	0
Foster	Black	-46.72706	36.94816	0.2059913	386,107	0.2471895
	Hispanic	-51.03801	38.33919	0.1831156	382,533	0.2441542
	Any Non-White	10.8614	1696.13	0.9948907	449,838	0.999993
Glocester	Black	-13.70859	978.9131	0.9888269	390,816	0.9977871
	Hispanic	-13.83691	4.913032	4.86E-03	387,333	0.0079998
	Any Non-White	-8.96232	0.7709351	3.07E-31	455,454	9.97E-31
Hopkinton	Black	-8.583803			391,471	
	Hispanic	-9.55937	15.46169	5.36E-01	388,011	0.6258035
	Any Non-White	-5.711022	0.6970652	2.55E-16	456,266	6.02E-16
Jamestown	Black	-3.05225	0.5435068	1.96E-08	391,471	3.67E-08
	Hispanic	-2.388658	39.16314	9.51E-01	388,011	0.9999923
	Any Non-White	-1.545753	0.1890771	2.95E-16	456,266	6.40E-16
Johnston	Black	-4.908122	0.7034836	3.02E-12	355,392	6.47E-12
	Hispanic	-3.54054	0.5731434	6.52E-10	352,100	1.40E-09
	Any Non-White	-0.6032934	0.2957603	4.14E-02	413,975	0.0672258
Lincoln	Black	-22.10597	5.782852	0.000132	387,951	0.000198
	Hispanic	-14.60727	5.454026	0.0074007	384,517	0.0115122
	Any Non-White	-6.755532	4.071656	9.71E-02	452,206	0.1402316

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
Little Compton	Black	0			103,310	
	Hispanic	0			100,289	
	Any Non-White	0			112,231	
Middletown	Black	-4.513114	1.485653	0.0023831	380,326	0.0034045
	Hispanic	-6.450447			376,835	
	Any Non-White	5.232708	0.5103378	1.14E-24	443,036	2.97E-24
Narragansett	Black	-4.765711	0.2980469	0	387,864	0
	Hispanic	-5.922896	0.3463954	0	384,706	0
	Any Non-White	-3.51132	0.13481	0	451,858	0
Newport	Black	-15.60051			391,471	
	Hispanic	15.48495	0.7160527	0	388,011	0
	Any Non-White	22.52995	0.5302228	0	456,266	0
North Kingstown	Black	-7.646716	0.4828732	0.00E+00	391,471	0
	Hispanic	-9.204872	1.499224	8.26E-10	388,011	1.65E-09
	Any Non-White	1.598855			456,266	
North Providence	Black	0.5704687	0.0459951	2.52E-35	122,426	8.41E-35
	Hispanic	0.1534152	0.0455564	7.58E-04	117,668	0.001327
	Any Non-White	0.2313084	0.0351726	4.82E-11	137,517	9.64E-11
North Smithfield	Black	2.414595	0.3214432	5.84E-14	391,471	1.35E-13
	Hispanic	-0.7435791	0.1607956	3.76E-06	388,011	7.01E-06
	Any Non-White	0.124543	0.1160412	2.83E-01	456,266	0.3874715
Pawtucket	Black	0.8300211	0.1199072	4.45E-12	46,192	8.89E-12
	Hispanic	0.6273113			44,661	
	Any Non-White	0.6506916			61,554	
Portsmouth	Black	1.017142	0.190173	8.87E-08	217,663	1.48E-07
	Hispanic	-0.5794079	0.2854856	4.24E-02	212,782	0.0624872
	Any Non-White	0.6700557	0.1151239	5.87E-09	237,935	1.09E-08
Providence	Black	0			118,998	
	Hispanic	0			120,402	
	Any Non-White	0			150,015	
Richmond	Black	-28.95302	13.39868	0.0307041	390,805	0.0400489
	Hispanic	-25.01777	1.157616	0.00E+00	387,355	0
	Any Non-White	-25.01847	2.289427	8.49E-28	455,476	2.45E-27
Scituate	Black	-5.375465			384,505	
	Hispanic	-3.548203	366610.5	0.9999923	378,477	0.9999923
	Any Non-White	-2.646443	299551.6	0.999993	444,255	0.999993
Smithfield	Black	-24.46517	2.549976	8.45E-22	388,405	2.11E-21
	Hispanic	-31.09426	1.624484	0	385,012	0
	Any Non-White	-23.6098	1.207676	0	452,729	0
South Kingstown	Black	-1.239072	0.6057594	0.040807	387,028	0.0510088
	Hispanic	-2.221907	576.4743	0.9969247	383,556	0.9999923
	Any Non-White	2.674647	2278.563	9.99E-01	451,011	0.999993
Tiverton	Black	-10.03623	0.9548557	7.71E-26	391,471	2.10E-25
	Hispanic	-14.23697	1.421094	1.27E-23	388,011	2.95E-23
	Any Non-White	21.69677			456,266	
Warwick	Black	131.1437	11.18442	9.43E-32	196,368	2.83E-31
	Hispanic	-17.90361			198,280	
	Any Non-White	6.112401	0.231969	0.00E+00	230,095	0

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2021)

Department	Race	B=	SE=	P=	N=	Qvalue=
West Greenwich	Black	-72.51569	13.11018	3.18E-08	389,460	5.61E-08
	Hispanic	-66.27924	6.481102	1.51E-24	386,033	3.84E-24
	Any Non-White	126.5165			453,905	
West Warwick	Black	-0.9253715	6.016502	0.877763	363,710	0.9404604
	Hispanic	-38.66941			360,469	
	Any Non-White	-0.7632183	0.4556256	9.39E-02	424,018	0.1402316
Westerly	Black	-22.46566	1.376152	0	391,471	0
	Hispanic	-27.2683	1.122915	0	388,011	0
	Any Non-White	18.90831			456,266	
Woonsocket	Black	1.036335	0.0735559	0	389,353	0
	Hispanic	1.918045	0.0772098	0	385,917	0
	Any Non-White	-0.0552957	0.0735785	0.4523395	453,727	0.5880414

Table D.3: Synthetic Control Analysis by Agency (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	11.87321	0.0473756	0.00E+00	391,471	0
	Hispanic	-0.539373	0.0591953	8.11E-20	388,011	1.20E-19
	Any Non-White	-0.2788251	0.036135	1.20E-14	456,266	1.55E-14
Bristol	Black	-1.181112	0.0469912	0	391,471	0
	Hispanic	-1.725278	0.0630419	0	388,011	0
	Any Non-White	8.634292	0.0375755	0	456,266	0
Burrillville	Black	-1.23209	0.0486309	0	391,471	0
	Hispanic	-1.042295	0.0477035	0	388,011	0
	Any Non-White	9.0231	0.0349795	0	456,266	0
Central Falls	Black	0			179,289	
	Hispanic	0			175,696	
	Any Non-White	0			207,996	
Charlestown	Black	-1.023473	0.0577917	0	391,471	0
	Hispanic	-1.363201	0.0733639	0	388,011	0
	Any Non-White	-0.9093157	0.0411253	0	456,266	0
Coventry	Black	-0.818575	0.0401625	0	391,471	0
	Hispanic	-0.997085	0.0468177	0	388,011	0
	Any Non-White	6.552649	0.0306919	0	456,266	0
Cranston	Black	-1.707681	0.0206603	0	391,471	0
	Hispanic	-1.484851	0.0201678	0	388,011	0
	Any Non-White	-1.457639	0.0182461	0	456,266	0
Cumberland	Black	0.1518584	0.0260733	5.74E-09	391,471	7.11E-09
	Hispanic	0.5993389	0.0234966	0	388,011	0
	Any Non-White	0.36507	0.0187902	0	456,266	0
East Greenwich	Black	9.876061	0.0615774	0.00E+00	391,471	0
	Hispanic	-0.3622904	0.0675703	8.25E-08	388,011	1.06E-07
	Any Non-White	-0.3988163	0.0477302	6.51E-17	456,266	9.17E-17
East Providence	Black	0.4520355	0.0184536	0	391,471	0
	Hispanic	-0.0434479	0.0221954	0.0502869	388,011	0.0519631
	Any Non-White	0.2176072	0.0160121	0	456,266	0
Foster	Black	-0.0853879	0.0919435	0.3530451	391,471	0.377393
	Hispanic	-0.0713032	0.1010019	0.4802137	388,011	0.4802137
	Any Non-White	0.0494343	0.066905	0.4599848	456,266	0.4753176
Glocester	Black	0			196,885	
	Hispanic	0			198,236	
	Any Non-White	0			225,979	
Hopkinton	Black	11.56217	0.0548272	0.00E+00	391,471	0
	Hispanic	-0.3359689	0.0629359	9.38E-08	388,011	1.16E-07
	Any Non-White	-0.2017243	0.0403726	5.84E-07	456,266	6.46E-07
Jamestown	Black	5.896647	0.0518129	0	391,471	0
	Hispanic	-0.2165509	0.0615544	0.0004347	388,011	0.0004647
	Any Non-White	-0.1253417	0.0407384	0.0020927	456,266	0.002237
Johnston	Black	-0.1495479	0.0260833	9.84E-09	391,471	1.17E-08
	Hispanic	0.2759574	0.022728	6.35E-34	388,011	1.16E-33
	Any Non-White	0.1076629	0.0184417	5.28E-09	456,266	6.06E-09
Lincoln	Black	0.1729465	0.0562207	2.10E-03	391,471	0.0023211
	Hispanic	0.4704399	0.0521453	1.85E-19	388,011	2.61E-19
	Any Non-White	0.3445899	0.0416183	1.23E-16	456,266	1.66E-16

Table D.3: Synthetic Control Analysis by Agency (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
Little Compton	Black	0			97,862	
	Hispanic	0			95,030	
	Any Non-White	0			106,388	
Middletown	Black	0.2041349	0.0253985	9.18E-16	391,471	1.36E-15
	Hispanic	-0.4013267	0.0329058	3.25E-34	388,011	6.31E-34
	Any Non-White	-0.0107336	0.0213429	0.6150252	456,266	0.6150252
Narragansett	Black	12.68911	0.0290135	0	391,471	0
	Hispanic	-0.6412027	0.0344742	0	388,011	0
	Any Non-White	-0.5366178	0.0232431	0.00E+00	456,266	0
Newport	Black	0.0038648	0.0241308	0.8727562	391,471	0.8727562
	Hispanic	-0.6227251	0.0310919	0.00E+00	388,011	0
	Any Non-White	-0.2058074	0.0203053	3.84E-24	456,266	6.61E-24
North Kingstown	Black	-0.2312436	0.0330331	2.55E-12	391,471	3.30E-12
	Hispanic	225.3712	0.0370279	0.00E+00	388,011	0
	Any Non-White	-0.2438041	0.025266	4.94E-22	456,266	7.66E-22
North Providence	Black	0.4431193	0.0296672	0.00E+00	122,426	0
	Hispanic	0.1472362	0.0299727	9.00E-07	117,668	1.03E-06
	Any Non-White	0.2498236	0.0243147	9.17E-25	137,517	1.67E-24
North Smithfield	Black	1.021586	0.0271641	0	391,471	0
	Hispanic	1.241974	0.0268448	0	388,011	0
	Any Non-White	1.089943	0.021505	0	456,266	0
Pawtucket	Black	0.9908988	0.0141105	0	36,491	0
	Hispanic	0.459368	0.0151098	0	34,527	0
	Any Non-White	0.6014598	0.0126373	0	46,883	0
Portsmouth	Black	1.213197	0.0524985	0	127,488	0
	Hispanic	1.050878	0.0653175	0	123,747	0
	Any Non-White	0.9557589	0.0385943	0	138,222	0
Providence	Black	0			118,998	
	Hispanic	0			120,402	
	Any Non-White	0			150,015	
Richmond	Black	-0.6553991	0.0770116	1.73E-17	391,471	2.69E-17
	Hispanic	-1.020856	0.1020596	1.49E-23	388,011	2.42E-23
	Any Non-White	-0.6103588	0.0569488	8.41E-27	456,266	1.63E-26
Scituate	Black	-0.5093955	0.0721108	1.62E-12	391,471	2.18E-12
	Hispanic	-0.2598007	0.0706999	2.38E-04	388,011	0.0002636
	Any Non-White	-0.3791134	0.0510055	1.06E-13	456,266	1.32E-13
Smithfield	Black	-0.1687711	0.032252	1.67E-07	391,471	1.92E-07
	Hispanic	-0.2640759	0.0356787	1.35E-13	388,011	1.82E-13
	Any Non-White	-0.2559537	0.0256473	1.87E-23	456,266	3.05E-23
South Kingstown	Black	6.099095	0.0280906	0	391,471	0
	Hispanic	-1.215202	0.0395891	0	388,011	0
	Any Non-White	-0.7108314	0.0229454	0.00E+00	456,266	0
Tiverton	Black	-0.0282365	0.0353035	4.24E-01	391,471	0.4379415
	Hispanic	-0.4578933	0.04677	1.24E-22	388,011	1.92E-22
	Any Non-White	-0.2008909	0.0291353	5.38E-12	456,266	6.42E-12
Warwick	Black	0			177,696	
	Hispanic	0			179,524	
	Any Non-White	0			205,588	

Table D.3: Synthetic Control Analysis by Agency (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
West Greenwich	Black	-0.7932408	0.1039674	2.35E-14	391,471	3.32E-14
	Hispanic	-0.5335448	0.1021637	1.77E-07	388,011	2.11E-07
	Any Non-White	-0.6364417	0.0724406	1.55E-18	456,266	2.29E-18
West Warwick	Black	9.391733	0.0313475	0	391,471	0
	Hispanic	30.81616	0.0349803	0	388,011	0
	Any Non-White	-0.7817181	0.0245567	0.00E+00	456,266	0
Westerly	Black	70.02216	0.0320815	0	391,471	0
	Hispanic	-1.079332	0.04065	0	388,011	0
	Any Non-White	-0.7115411	0.0244169	0	456,266	0
Woonsocket	Black	2.030873	0.0273002	0.00E+00	36,491	0
	Hispanic	-0.2955527	0.02779	2.04E-26	34,527	3.52E-26
	Any Non-White	-0.442821	0.0231621	0	46,883	0

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	-11.16343	0.7642242	0	391,471	0
	Hispanic	-15.60679	1.352675	8.52E-31	388,011	1.14E-30
	Any Non-White	-9.90549	0.5770287	0	456,266	0
Bristol	Black	-123.894	2.107604	0	391,471	0
	Hispanic	-153.8342	2.068324	0	388,011	0
	Any Non-White	-119.7984	1.655848	0	456,266	0
Burrillville	Black	-60.10343	1.128587	0	391,471	0
	Hispanic	-71.2692	1.247694	0	388,011	0
	Any Non-White	-57.5492	0.8924317	0	456,266	0
Central Falls	Black	0			179,289	
	Hispanic	0			175,696	
	Any Non-White	0			207,996	
Charlestown	Black	87.72784			391,471	
	Hispanic	-12.9409	0.4597518	0	388,011	0
	Any Non-White	-7.33306	0.324715	0	456,266	0
Coventry	Black	-36.1242	0.7191786	0	391,471	0
	Hispanic	-47.26722	0.7961205	0	388,011	0
	Any Non-White	-36.68721	0.5494094	0	456,266	0
Cranston	Black	3.765621	0.0454937	0	391,471	0
	Hispanic	3.768951	0.0446294	0	388,011	0
	Any Non-White	3.356722	0.0379163	0	456,266	0
Cumberland	Black	-14.42859	0.3977655	0	391,471	0
	Hispanic	-13.43091	0.3669205	0	388,011	0
	Any Non-White	-12.29895	0.2504451	0	456,266	0
East Greenwich	Black	722.7038			391,471	
	Hispanic	7511.921			388,011	
	Any Non-White	-64.72284	2.215834	0	456,266	0
East Providence	Black	133.104	1.030382	0	391,471	0
	Hispanic	161.7679	1.535758	0	388,011	0
	Any Non-White	154.2195	0.9890104	0	456,266	0
Foster	Black	-64.16661	7.658779	5.38E-17	391,471	5.63E-17
	Hispanic	2767.429			388,011	
	Any Non-White	-57.21987	5.085138	2.25E-29	456,266	2.59E-29
Glocester	Black	0			196,885	
	Hispanic	0			198,236	
	Any Non-White	0			225,979	
Hopkinton	Black	140.2343			391,471	
	Hispanic	5603.336			388,011	
	Any Non-White	-8.623595	0.5945053	0	456,266	0
Jamestown	Black	-198.4531			391,471	
	Hispanic	-1.418945	0.242401	4.81E-09	388,011	5.49E-09
	Any Non-White	-2.072629	0.1517637	0	456,266	0
Johnston	Black	-51.20508	0.9273843	0	391,471	0
	Hispanic	-42.58486	0.8036303	0	388,011	0
	Any Non-White	-38.75681	0.5266501	0	456,266	0
Lincoln	Black	-334.1891	10.11317	0	391,471	0
	Hispanic	-341.7695	9.803172	0	388,011	0
	Any Non-White	-299.1817	5.786826	0	456,266	0

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
Little Compton	Black	0			97,862	
	Hispanic	0			95,030	
	Any Non-White	0			106,388	
Middletown	Black	-15.28859	1.182469	3.07E-38	391,471	3.56E-38
	Hispanic	67.73412	2.545218	0	388,011	0
	Any Non-White	-1.689365	0.824546	0.0404776	456,266	0.0404776
Narragansett	Black	-2.385489	0.1391946	0	391,471	0
	Hispanic	174.9802			388,011	
	Any Non-White	-3.058771	0.1164063	0	456,266	0
Newport	Black	34.01964	0.6345106	0	391,471	0
	Hispanic	56.14246	0.6240402	0	388,011	0
	Any Non-White	41.54241	0.4684113	0	456,266	0
North Kingstown	Black	178.7946			391,471	
	Hispanic	5752.104			388,011	
	Any Non-White	-15.88177	0.3574164	0	456,266	0
North Providence	Black	0.4431207	0.0292513	0	122,426	0
	Hispanic	0.1472366	0.0300928	9.94E-07	117,668	1.04E-06
	Any Non-White	0.2498243	0.0240974	3.49E-25	137,517	3.74E-25
North Smithfield	Black	-0.1653962	0.0996371	0.0969173	391,471	0.0969173
	Hispanic	-0.3071116	0.1097045	0.0051191	388,011	0.0051191
	Any Non-White	-0.2333055	0.1020327	0.0222206	456,266	0.0229613
Pawtucket	Black	0.9908988	0.0141105	0	36,491	0
	Hispanic	0.459368	0.0151098	0	34,527	0
	Any Non-White	0.6014598	0.0126373	0	46,883	0
Portsmouth	Black	3.335385	0.1662551	0	127,488	0
	Hispanic	2.877809	0.2110027	0	123,747	0
	Any Non-White	2.52283	0.1168535	0	138,222	0
Providence	Black	0			118,998	
	Hispanic	0			120,402	
	Any Non-White	0			150,015	
Richmond	Black	393.1778			391,471	
	Hispanic	-67.54827	3.358063	0	388,011	0
	Any Non-White	-39.02933	2.23876	0	456,266	0
Scituate	Black	-4.637387	0.3766849	7.90E-35	391,471	8.69E-35
	Hispanic	-1.936486	0.3156647	8.54E-10	388,011	1.02E-09
	Any Non-White	-3.221924	0.2389533	0	456,266	0
Smithfield	Black	-62.88629	1.235271	0	391,471	0
	Hispanic	1780.981			388,011	
	Any Non-White	-62.77253	0.9022153	0	456,266	0
South Kingstown	Black	556.8954			391,471	
	Hispanic	-126.1905	1.096488	0	388,011	0
	Any Non-White	-104.0488	0.9062956	0	456,266	0
Tiverton	Black	-9.285998	0.5202255	0	391,471	0
	Hispanic	7227.643			388,011	
	Any Non-White	-12.26163	0.4325497	0	456,266	0
Warwick	Black	0			177,696	
	Hispanic	0			179,524	
	Any Non-White	0			205,588	

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2019-21)

Department	Race	B=	SE=	P=	N=	Qvalue=
West Greenwich	Black	8135.952			391,471	
	Hispanic	-17.16977	3.00939	1.16E-08	388,011	1.27E-08
	Any Non-White	-21.03691	1.998619	6.58E-26	456,266	7.28E-26
West Warwick	Black	33.51221	2.423726	0	391,471	0
	Hispanic	83.4271	1.189024	0	388,011	0
	Any Non-White	42.03698	0.9437446	0	456,266	0
Westerly	Black	421.7382			391,471	
	Hispanic	-73.99097	0.8631437	0	388,011	0
	Any Non-White	-53.19657	0.6251191	0	456,266	0
Woonsocket	Black	2.030869	0.0273004	0	36,491	0
	Hispanic	-0.2955543	0.027778	1.94E-26	34,527	2.46E-26
	Any Non-White	-0.4428233	0.0231683	0	46,883	0

APPENDIX E: HIT-RATE ANALYSIS TABLES

Table E. 1: Aggregate Hit Rate Analysis by Year

Level	Sample	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2019	Any Non-White	0.4025974	0.493117	0.3120778	-0.184	0.003	253
	2020		0.2727273	0.3794006	0.1660539	0.04	0.69	116
	2021		0.3333333	0.4947721	0.1718946	-0.173	0.081	88
	2019	Black	0.4025974	0.4932127	0.3119821	-0.213	0.002	200
	2020		0.2727273	0.3795961	0.1658585	-0.051	0.699	96
	2021		0.3333333	0.4948384	0.1718283	-0.159	0.117	85
	2019	Hispanic	0.4025974	0.4932105	0.3119844	-0.145	0.051	201
	2020		0.2727273	0.3795506	0.1659039	0.102	0.394	100
	2021		0.3333333	0.4962179	0.1704487	-0.333	0.001	50
	3-Year Aggregate Sample	Any Non-White	0.359375	0.4247161	0.2940339	-0.14	0.002	457
		Black	0.359375	0.4247447	0.2940053	-0.171	0.001	381
		Hispanic	0.359375	0.4247595	0.2939905	-0.114	0.044	351
Municipal Police	2019	Any Non-White	0.296439	0.3188547	0.2740234	-0.129	0.001	4,520
	2020		0.2772866	0.3004591	0.2541142	-0.122	0.001	4,910
	2021		0.2548801	0.2766717	0.2330885	-0.1	0.001	4,972
	2019	Black	0.296439	0.318856	0.274022	-0.14	0.001	3,565
	2020		0.2772866	0.3004606	0.2541127	-0.125	0.001	3,720
	2021		0.2548801	0.2766729	0.2330873	-0.103	0.001	3,879
	2019	Hispanic	0.296439	0.3188568	0.2740213	-0.134	0.001	3,169
	2020		0.2772866	0.300461	0.2541122	-0.119	0.001	3,468
	2021		0.2548801	0.2766736	0.2330865	-0.107	0.001	3,435
	3-Year Aggregate Sample	Any Non-White	0.276614	0.289593	0.263635	-0.117	0.001	14,402
		Black	0.276614	0.2895933	0.2636347	-0.123	0.001	11,164
		Hispanic	0.276614	0.2895934	0.2636346	-0.12	0.001	10,072
All Agencies	2019	Any Non-White	0.3043541	0.3261892	0.2825191	-0.135	0.001	4,773
	2020		0.2771057	0.2997518	0.2544596	-0.119	0.001	5,026
	2021		0.2564243	0.2780203	0.2348283	-0.102	0.001	5,060
	2019	Black	0.3043541	0.3261904	0.2825179	-0.147	0.001	3,765
	2020		0.2771057	0.2997532	0.2544582	-0.124	0.001	3,816
	2021		0.2564243	0.2780214	0.2348271	-0.104	0.001	3,964
	2019	Hispanic	0.3043541	0.3261911	0.2825172	-0.138	0.001	3,370
	2020		0.2771057	0.2997536	0.2544577	-0.115	0.001	3,568
	2021		0.2564243	0.2780222	0.2348264	-0.11	0.001	3,485
	3-Year Aggregate Sample	Any Non-White	0.2804263	0.2931715	0.2676812	-0.119	0.001	14,859
		Black	0.2804263	0.2931718	0.2676809	-0.126	0.001	11,545
		Hispanic	0.2804263	0.2931719	0.2676808	-0.122	0.001	10,423

Table E.2: Aggregate Hit Rate Analysis by Year (Frisk Only)

Level	Sample	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2019	Any Non-White	0.484375	0.5854973	0.3832527	-0.204	0.005	206
	2020		0.2580645	0.367729	0.1484	0.075	0.471	107
	2021		0.2941177	0.455219	0.1330163	-0.112	0.272	83
	2019	Black	0.484375	0.5856283	0.3831217	-0.234	0.004	163
	2020		0.2580645	0.3679408	0.1481882	-0.036	0.785	89
	2021		0.2941177	0.4552936	0.1329417	-0.094	0.37	80
	2019	Hispanic	0.484375	0.585606	0.383144	-0.184	0.029	169
	2020		0.2580645	0.3679131	0.1482159	0.171	0.19	91
	2021		0.2941177	0.4566891	0.1315462	-0.294	0.001	48
	3-Year Aggregate Sample	Any Non-White	0.3928571	0.4640393	0.321675	-0.128	0.012	396
		Black	0.3928571	0.4640741	0.3216401	-0.165	0.003	332
		Hispanic	0.3928571	0.464091	0.3216233	-0.114	0.071	308
Municipal Police	2019	Any Non-White	0.3079642	0.3318095	0.284119	-0.139	0.001	4,169
	2020		0.2924031	0.3174406	0.2673656	-0.143	0.001	4,546
	2021		0.2615058	0.2849339	0.2380778	-0.111	0.001	4,509
	2019	Black	0.3079642	0.3318111	0.2841174	-0.151	0.001	3,257
	2020		0.2924031	0.3174424	0.2673638	-0.144	0.001	3,425
	2021		0.2615058	0.2849354	0.2380763	-0.117	0.001	3,490
	2019	Hispanic	0.3079642	0.3318119	0.2841165	-0.142	0.001	2,925
	2020		0.2924031	0.317443	0.2673633	-0.148	0.001	3,204
	2021		0.2615058	0.2849362	0.2380755	-0.115	0.001	3,130
	3-Year Aggregate Sample	Any Non-White	0.2877057	0.3016298	0.2737814	-0.131	0.001	13,224
		Black	0.2877057	0.3016302	0.2737812	-0.137	0.001	10,172
		Hispanic	0.2877057	0.3016303	0.273781	-0.135	0.001	9,259
All Agencies	2019	Any Non-White	0.320271	0.3436328	0.2969093	-0.147	0.001	4,375
	2020		0.2909519	0.3153779	0.2665259	-0.139	0.001	4,653
	2021		0.2621964	0.2853743	0.2390184	-0.112	0.001	4,592
	2019	Black	0.320271	0.3436343	0.2969078	-0.16	0.001	3,420
	2020		0.2909519	0.3153796	0.2665242	-0.141	0.001	3,514
	2021		0.2621964	0.2853758	0.239017	-0.116	0.001	3,570
	2019	Hispanic	0.320271	0.343635	0.2969071	-0.149	0.001	3,094
	2020		0.2909519	0.31538	0.2665237	-0.143	0.001	3,295
	2021		0.2621964	0.2853766	0.2390162	-0.117	0.001	3,178
	3-Year Aggregate Sample	Any Non-White	0.2925052	0.3061945	0.278816	-0.133	0.001	13,620
		Black	0.2925052	0.3061948	0.2788157	-0.14	0.001	10,504
		Hispanic	0.2925052	0.3061949	0.2788156	-0.137	0.001	9,567

Table E.3: Aggregate Hit Rate Analysis by Year (Consent Only)

Level	Sample	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2019	Any Non-White	0.0869565	0.1648428	0.0090702	-0.087	0.031	85
	2020		0.125	0.267924	0	0.208	0.299	27
	2021		0.4	0.6900682	0.1099318	-0.4	0.011	32
	2019	Black	0.0869565	0.1650285	0.0088845	-0.087	0.032	71
	2020		0.125	0.2695859	0	-0.125	0.107	21
	2021		0.4	0.690715	0.109285	-0.4	0.012	30
	2019	Hispanic	0.0869565	0.1652834	0.0086296	-0.087	0.034	58
	2020		0.125	0.2681444	0	0.375	0.127	26
	2021		0.4	0.7002491	0.0997509	-0.4	0.021	16
	3-Year Aggregate Sample	Any Non-White	0.1388889	0.2142895	0.0634883	-0.113	0.006	144
		Black	0.1388889	0.2143854	0.0633924	-0.139	0.001	122
		Hispanic	0.1388889	0.2145242	0.0632536	-0.062	0.263	100
Municipal Police	2019	Any Non-White	0.1987897	0.2351795	0.1624	-0.076	0.002	1,063
	2020		0.2204908	0.259909	0.1810727	-0.029	0.323	906
	2021		0.1780627	0.2145064	0.141619	0.002	0.952	953
	2019	Black	0.1987897	0.2351841	0.1623953	-0.086	0.001	936
	2020		0.2204908	0.2599199	0.1810618	-0.04	0.237	725
	2021		0.1780627	0.2145144	0.141611	0.016	0.595	789
	2019	Hispanic	0.1987897	0.2351938	0.1623856	-0.068	0.03	750
	2020		0.2204908	0.2599242	0.1810575	0.01	0.792	672
	2021		0.1780627	0.214522	0.1416033	-0.029	0.365	677
	3-Year Aggregate Sample	Any Non-White	0.1985023	0.2201019	0.1769027	-0.036	0.018	2,922
		Black	0.1985023	0.2201034	0.1769013	-0.04	0.017	2,450
		Hispanic	0.1985023	0.2201048	0.1768998	-0.029	0.13	2,099
All Agencies	2019	Any Non-White	0.1901703	0.2244867	0.155854	-0.078	0.001	1,148
	2020		0.2170484	0.2554164	0.1786805	-0.023	0.419	933
	2021		0.1827057	0.2189672	0.1464442	-0.012	0.643	985
	2019	Black	0.1901703	0.2244909	0.1558498	-0.087	0.001	1,007
	2020		0.2170484	0.2554267	0.1786702	-0.038	0.254	746
	2021		0.1827057	0.2189747	0.1464368	-0.002	0.958	819
	2019	Hispanic	0.1901703	0.2244993	0.1558414	-0.071	0.015	808
	2020		0.2170484	0.2554303	0.1786666	0.019	0.607	698
	2021		0.1827057	0.2189827	0.1464287	-0.036	0.245	693
	3-Year Aggregate Sample	Any Non-White	0.195676	0.2165861	0.174766	-0.041	0.005	3,066
		Black	0.195676	0.2165874	0.1747647	-0.047	0.004	2,572
		Hispanic	0.195676	0.2165887	0.1747633	-0.031	0.104	2,199

Table E. 4: Agency Hit Rate Analysis, 2021

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	2.00E-01	0.4052994	0	-0.2	0.077	0.224	16
	Black vs. White	0.2	0.406284	0	-0.2	0.08	0.28	15
	Hispanic vs. White	2.00E-01	0.4087695	0	-0.2	0.087	0.1916923	13
Burrillville	Any Non-White vs. White	0.3714286	0.4927658	0.2500913	-0.038	0.824	0.8789333	85
	Black vs. White	3.71E-01	0.4929394	0.2499178	-0.371	0.001	0.014	76
	Hispanic vs. White	0.3714286	0.4928381	0.250019	0.129	0.514	0.63	81
Central Falls	Any Non-White vs. White	0.1538462	0.3473711	0	0.117	0.297	0.5002105	109
	Black vs. White	0.1538462	0.3486072	0	0.126	0.312	0.4730527	65
	Hispanic vs. White	0.1538462	0.3483073	0	0.105	0.379	0.5306	72
Charlestown	Any Non-White vs. White	1	1		-0.5	0.123	0.328	7
	Black vs. White	1	1		-1			4
	Hispanic vs. White	1	1		0			2
Coventry	Any Non-White vs. White	1.25E-01	0.3629721	0	-0.125	0.321	0.5136	16
	Black vs. White	1.25E-01	0.3629721	0	-0.125	0.321	0.4730527	16
	Hispanic vs. White	0.125	0.3554155	0	0			15
Cranston	Any Non-White vs. White	0.3181818	0.5384464	0.0979173	-0.179	0.195	0.416	53
	Black vs. White	3.18E-01	5.41E-01	0.095662	-0.318	0.008	0.056	35
	Hispanic vs. White	0.3181818	0.5397214	0.0966422	-0.091	0.582	0.65184	41
Cumberland	Any Non-White vs. White	1	1	1	0	0.009	0.096	12
	Black vs. White	1	1		0			11
	Hispanic vs. White	1	1	1	0	0.009	0.0933333	12
East Greenwich	Any Non-White vs. White	0.3333333	0.7888482	0	-0.083	0.808	0.8789333	10
	Black vs. White	3.33E-01	0.8037871	0	-0.333	0.214	0.3994667	8
	Hispanic vs. White	0.3333333	0.7953098	0	0			9
East Providence	Any Non-White vs. White	0.2423398	0.3187017	0.1659779	-0.035	0.52	0.6912	268
	Black vs. White	0.2423398	0.3187536	0.165926	0.003	0.954	0.9893333	227
	Hispanic vs. White	0.2423398	0.3188015	0.1658782	-0.066	0.32	0.4715789	199
Foster	Any Non-White vs. White	0	1		0			2
	Black vs. White	0	1		0			2
	Hispanic vs. White	0	1		0			2
Glocester	Any Non-White vs. White	0	1		0			42
	Black vs. White	0	1		0			42
	Hispanic vs. White	0	1		0			38
Hopkinton	Any Non-White vs. White	9.09E-02	0.1582116	0.0236065	-0.091	0.01	0.096	77
	Black vs. White	9.09E-02	0.1582876	0.0235306	-0.091	0.01	0.056	71
	Hispanic vs. White	9.09E-02	0.1583307	0.0234875	-0.091	0.01	0.0933333	68
Jamestown	Any Non-White vs. White	0.6666667	0.7831714	0.550162	0.083	0.503	0.6912	87
	Black vs. White	0.6666667	0.783273	0.5500603	0.333	0.001	0.014	81
	Hispanic vs. White	0.6666667	0.7833703	0.5499631	-0.333	0.106	0.212	76
Johnston	Any Non-White vs. White	0	1		0			12
	Black vs. White	0	1		0			4
	Hispanic vs. White	0	1		0			10
Lincoln	Any Non-White vs. White	0.6666667	1	0.0904808	-0.667	0.073	0.224	7
	Black vs. White	0.6666667	1	0.1222222	0			5
	Hispanic vs. White	0.6666667	1	0.0904808	-0.667	0.073	0.1916923	7
Little Compton	Any Non-White vs. White	0	1		0			17
	Black vs. White	0	1		0			16
	Hispanic vs. White	0	1		0			14
Middletown	Any Non-White vs. White	0	1		0			140
	Black vs. White	0	1		0			120
	Hispanic vs. White	0	1		0			90
Narragansett	Any Non-White vs. White	0.1428571	0.2778766	0.0078376	0.009	0.933	0.933	55
	Black vs. White	0.1428571	0.2780239	0.0076904	0	1	1	52
	Hispanic vs. White	0.1428571	0.2788422	0.0068721	-0.032	0.811	0.841037	40
Newport	Any Non-White vs. White	0.127451	0.2022512	0.0526508	-0.103	0.011	0.096	239
	Black vs. White	0.127451	0.2022965	0.0526055	-0.095	0.024	0.112	209
	Hispanic vs. White	0.127451	0.2024997	0.0524023	-0.127	0.001	0.028	134
North Kingstown	Any Non-White vs. White	0.4615385	0.6141905	0.3088864	0.163	0.289	0.5002105	64
	Black vs. White	0.4615385	0.61427	0.3088069	0.11	0.508	0.6465455	62
	Hispanic vs. White	0.4615385	0.6145434	0.3085335	-0.128	0.525	0.63	56
North Providence	Any Non-White vs. White	0.1016949	0.2361522	0	-0.013	0.902	0.9310968	53
	Black vs. White	0.1016949	0.2366233	0	0.023	0.864	0.9304616	45
	Hispanic vs. White	1.02E-01	0.2369305	0	-0.102	0.149	0.2781333	41
North Smithfield	Any Non-White vs. White	0.25	0.5603065	0	-0.083	0.687	0.8142222	14
	Black vs. White	0.25	0.5676088	0	0.083	0.783	0.9135	11
	Hispanic vs. White	0.25	0.5711977	0	-0.25	0.166	0.2905	10

Table E. 4: Agency Hit Rate Analysis, 2021

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Pawtucket	Any Non-White vs. White	0.0769231	0.160386	0	0.082	0.15	0.3692308	178
	Black vs. White	0.0769231	0.1604784	0	0.069	0.263	0.4331765	149
	Hispanic vs. White	0.0769231	0.160647	0	0.142	0.05	0.1586667	115
Portsmouth	Any Non-White vs. White	0.0588235	0.1158475	0.0017995	0.072	0.274	0.5002105	95
	Black vs. White	0.0588235	0.1158745	0.0017725	0.041	0.472	0.6293333	91
	Hispanic vs. White	0.0588235	0.1161327	0.0015144	0.441	0.051	0.1586667	65
Providence	Any Non-White vs. White	0.0922551	0.109535	0.0749753	-0.042	0.166	0.4	1,349
	Black vs. White	0.0770027	0.0978532	0.0561522	-0.057	0.064	0.1916923	845
	Hispanic vs. White	0.0990082	0.1211831	0.0768332	-0.035	0.259	0.4331765	936
Richmond	Any Non-White vs. White	0.5	1	0	0			4
	Black vs. White	0.5	1	0	0			4
	Hispanic vs. White	0.5	1	0	0			4
RISP Hope Valley	Any Non-White vs. White	4.00E-01	0.7936595	0.0063405	-0.4	0.072	0.224	13
	Black vs. White	4.00E-01	0.7936595	0.0063405	-0.4	0.072	0.28	13
	Hispanic vs. White	4.00E-01	0.8048559	0	-0.4	0.089	0.1916923	10
RISP Lincoln	Any Non-White vs. White	0.2857143	0.5223133	0.0491153	-0.18	0.175	0.4	53
	Black vs. White	0.2857143	0.5224954	0.0489331	-0.175	0.193	0.3994667	51
	Hispanic vs. White	2.86E-01	0.5276868	0.0437417	-0.286	0.03	0.1586667	25
RISP Portsmouth	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
RISP Scituate	Any Non-White vs. White	0.25	0.5795704	0	0			8
	Black vs. White	0.25	0.5795704	0	0			8
	Hispanic vs. White	0.25	0.5795704	0	0			8
RISP Wickford	Any Non-White vs. White	1	1		-0.5	0.042	0.224	11
	Black vs. White	1	1		-0.333	0.117	0.364	10
	Hispanic vs. White	1	1		-1			4
Scituate	Any Non-White vs. White	0.3333333	0.5679995	0.0986672	0.167	0.54	0.6912	22
	Black vs. White	0.3333333	0.5639648	0.1027019	0			17
	Hispanic vs. White	0.3333333	0.5679995	0.0986672	0.167	0.54	0.63	22
Smithfield	Any Non-White vs. White	0.3333333	0.622397	0.0442697	-0.152	0.378	0.576	31
	Black vs. White	0.3333333	0.6259277	0.040739	-0.167	0.366	0.5124	23
	Hispanic vs. White	0.3333333	0.6259277	0.040739	-0.19	0.303	0.4715789	23
South Kingstown	Any Non-White vs. White	0.5322581	0.6338482	0.430668	-0.228	0.013	0.096	156
	Black vs. White	0.5322581	0.6338886	0.4306276	-0.269	0.006	0.056	147
	Hispanic vs. White	0.5322581	0.6340539	0.4304622	-0.132	0.414	0.552	119
Tiverton	Any Non-White vs. White	0.4658824	0.5517082	0.3800565	0.074	0.296	0.5002105	234
	Black vs. White	0.4658824	0.5517409	0.3800238	0.112	0.144	0.3665454	215
	Hispanic vs. White	0.4658824	0.5518539	0.3799108	0.005	0.969	0.969	168
Warwick	Any Non-White vs. White	0.28125	0.407898	0.154602	-0.067	0.595	0.7323077	76
	Black vs. White	0.28125	0.408072	0.154428	-0.156	0.242	0.4235	69
	Hispanic vs. White	0.28125	0.4081581	0.1543419	0.072	0.676	0.728	66
West Greenwich	Any Non-White vs. White	0.2727273	0.471823	0.0736316	0.527	0.015	0.096	30
	Black vs. White	0.2727273	0.4744601	0.0709944	0.227	0.561	0.6829565	22
	Hispanic vs. White	0.2727273	0.4720686	0.0733859	0.477	0.048	0.1586667	29
West Warwick	Any Non-White vs. White	0.4	0.8489091	0	0.1	0.817	0.8789333	9
	Black vs. White	0.4	0.8489091	0	0.1	0.817	0.91504	9
	Hispanic vs. White	0.4	0.8571466	0	0.6	0.042	0.1586667	8
Westerly	Any Non-White vs. White	0.0145278	0.0428071	0	0.019	0.43	0.6254545	233
	Black vs. White	0.0145278	0.0428295	0	0.051	0.205	0.3994667	197
	Hispanic vs. White	1.45E-02	4.28E-02	0	-0.015	0.316	0.4715789	192
Woonsocket	Any Non-White vs. White	0.3478261	0.4290569	0.2665953	0.102	0.075	0.224	329
	Black vs. White	0.3478261	0.4291656	0.2664866	0.1	0.17	0.3966667	229
	Hispanic vs. White	0.3478261	0.4291368	0.2665154	0.119	0.076	0.1916923	249

Table E. 5: Agency Hit Rate Analysis, 2019-21

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Barrington	Any Non-White vs. White	0	1		0			6
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			3
Bristol	Any Non-White vs. White	2.11E-01	0.3739307	0.0471219	-0.211	0.015	0.117	47
	Black vs. White	2.11E-01	0.3741788	0.0468738	-0.211	0.016	0.0624	44
	Hispanic vs. White	0.210526	0.3745699	0.0464827	-0.211	0.016	0.101333	40
Burrillville	Any Non-White vs. White	0.347826	0.4122025	0.2834497	-0.04	0.681	0.829969	305
	Black vs. White	0.347826	0.4122166	0.2834356	-0.178	0.069	0.168188	286
	Hispanic vs. White	0.347826	0.4122135	0.2834387	0.016	0.902	0.952111	290
Central Falls	Any Non-White vs. White	0.185185	0.3148856	0.0554847	0.103	0.176	0.429	229
	Black vs. White	0.185185	0.3153076	0.0550628	0.123	0.157	0.26325	132
	Hispanic vs. White	0.185185	0.3151538	0.0552165	0.108	0.193	0.463125	156
Charlestown	Any Non-White vs. White	0.347826	0.4951315	0.2005207	-0.098	0.547	0.735621	51
	Black vs. White	3.48E-01	0.4953197	0.2003324	-0.348	0.001	0.00975	48
	Hispanic vs. White	0.347826	0.4939231	0.2017291	0			43
Coventry	Any Non-White vs. White	1.01E-01	0.1651726	0.0377259	-0.101	0.002	0.026	115
	Black vs. White	1.01E-01	0.1651776	0.037721	-0.101	0.002	0.013	114
	Hispanic vs. White	1.01E-01	1.65E-01	0.037678	-0.101	0.002	0.0152	106
Cranston	Any Non-White vs. White	0.411617	0.4999492	0.3232857	-0.072	0.231	0.492632	310
	Black vs. White	0.411617	0.5000138	0.323221	-0.074	0.268	0.41808	253
	Hispanic vs. White	0.411617	0.5000361	0.3231988	-0.077	0.272	0.574222	238
Cumberland	Any Non-White vs. White	0.684211	0.8816404	0.4867806	-0.184	0.325	0.551087	36
	Black vs. White	0.684211	0.8830572	0.4853639	-0.484	0.03	0.0975	29
	Hispanic vs. White	0.684211	0.8823703	0.4860508	-0.018	0.936	0.961297	32
East Greenwich	Any Non-White vs. White	0.125	0.2406185	0.0093815	0	1	1	31
	Black vs. White	0.125	0.2408944	0.0091056	-0.125	0.044	0.132	29
	Hispanic vs. White	0.125	0.2412137	0.0087863	0.125	0.589	0.860846	27
East Providence	Any Non-White vs. White	0.23465	0.2712425	0.1980572	-0.031	0.24	0.492632	1,147
	Black vs. White	0.23465	0.2712474	0.1980524	-0.017	0.552	0.67275	997
	Hispanic vs. White	0.23465	0.2712561	0.1980436	-0.071	0.037	0.156222	805
Foster	Any Non-White vs. White	1.33E-01	0.2838076	0	-0.133	0.092	0.326182	34
	Black vs. White	0.133333	0.2842648	0	-0.133	0.094	0.203667	31
	Hispanic vs. White	1.33E-01	0.2841024	0	-0.133	0.093	0.321273	32
Glocester	Any Non-White vs. White	0.033333	0.0983681	0	-0.033	0.319	0.551087	58
	Black vs. White	0.033333	0.0983681	0	-0.033	0.319	0.4785	58
	Hispanic vs. White	3.33E-02	0.0984543	0	-0.033	0.32	0.608	54
Hopkinton	Any Non-White vs. White	0.1375	0.1902531	0.0847469	0.005	0.94	0.964737	189
	Black vs. White	1.38E-01	0.1902865	0.0847135	-0.138	0.001	0.00975	169
	Hispanic vs. White	0.1375	0.190274	0.084726	-0.013	0.886	0.952111	176
Jamestown	Any Non-White vs. White	0.7375	0.8130056	0.6619944	-0.017	0.819	0.88725	216
	Black vs. White	0.7375	0.8130377	0.6619623	0.062	0.431	0.593069	198
	Hispanic vs. White	0.7375	0.8130603	0.6619396	-0.071	0.528	0.80256	187
Johnston	Any Non-White vs. White	0.2	0.4608102	0	0.164	0.374	0.58344	32
	Black vs. White	0.2	0.4699641	0	0.262	0.349	0.504111	16
	Hispanic vs. White	0.2	0.4624352	0	0.061	0.752	0.883212	27
Lincoln	Any Non-White vs. White	0.3	0.5406332	0.0593668	-0.2	0.164	0.4264	39
	Black vs. White	3.00E-01	0.5439524	0.0560476	-0.3	0.024	0.085091	26
	Hispanic vs. White	0.3	0.5432296	0.0567704	-0.133	0.434	0.749636	28
Little Compton	Any Non-White vs. White	8.89E-02	0.2059194	0	-0.089	0.142	0.426	55
	Black vs. White	0.088889	0.206047	0	-0.089	0.143	0.2535	52
	Hispanic vs. White	8.89E-02	2.06E-01	0	-0.089	0.144	0.439714	49
Middletown	Any Non-White vs. White	0.014085	0.033528	0	0.028	0.194	0.445059	286
	Black vs. White	0.014085	0.0335375	0	0.047	0.107	0.219632	251
	Hispanic vs. White	1.41E-02	3.36E-02	0	-0.014	0.158	0.439714	207
Narragansett	Any Non-White vs. White	0.209524	0.28121	0.1378376	0.018	0.777	0.88725	216
	Black vs. White	0.209524	0.2812519	0.1377957	0.002	0.979	0.979	192
	Hispanic vs. White	0.209524	0.2813008	0.1377468	0.035	0.724	0.883212	170
Newport	Any Non-White vs. White	0.094926	0.1403548	0.0494979	-0.048	0.073	0.2847	513
	Black vs. White	0.094926	0.1403651	0.0494876	-0.047	0.089	0.203667	460
	Hispanic vs. White	0.094926	0.1404278	0.0494249	-0.02	0.686	0.883212	282
North Kingstown	Any Non-White vs. White	0.52	0.5991389	0.4408611	0.068	0.494	0.688071	219
	Black vs. White	0.52	0.5991657	0.4408343	0.036	0.785	0.900441	204
	Hispanic vs. White	0.52	0.5991601	0.4408399	-0.02	0.871	0.952111	207

Table E. 5: Agency Hit Rate Analysis, 2019-21

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
North Providence	Any Non-White vs. White	0.146342	0.2621828	0.0305002	-0.033	0.707	0.835546	82
	Black vs. White	0.146342	0.2625354	0.0301475	-0.05	0.651	0.769364	66
	Hispanic vs. White	0.146342	0.2625633	0.0301196	-0.033	0.735	0.883212	65
North Smithfield	Any Non-White vs. White	0.243243	0.4566232	0.0298633	-0.091	0.469	0.677445	55
	Black vs. White	0.243243	0.4581492	0.0283373	-0.105	0.441	0.593069	40
	Hispanic vs. White	0.243243	0.4580114	0.0284751	-0.115	0.389	0.703905	41
Pawtucket	Any Non-White vs. White	0.135593	0.2105353	0.0606511	0.011	0.806	0.88725	403
	Black vs. White	0.135593	0.210568	0.0606184	0.01	0.838	0.933771	343
	Hispanic vs. White	0.135593	0.2106866	0.0604998	0.04	0.477	0.75525	223
Portsmouth	Any Non-White vs. White	0.093023	0.1560435	0.030003	0.055	0.419	0.6285	112
	Black vs. White	0.093023	0.1560759	0.0299706	-0.002	0.969	0.979	106
	Hispanic vs. White	0.093023	0.1562739	0.0297726	0.407	0.037	0.156222	80
Providence	Any Non-White vs. White	0.103283	0.113786	0.0927796	-0.048	0.005	0.04875	4,662
	Black vs. White	0.093127	0.1069463	0.0793073	-0.059	0.001	0.0095	2,826
	Hispanic vs. White	0.107212	0.120486	0.0939371	-0.044	0.012	0.052	3,143
Richmond	Any Non-White vs. White	7.69E-02	0.1822638	0	-0.077	0.161	0.4264	40
	Black vs. White	7.69E-02	1.82E-01	0	-0.077	0.162	0.26325	37
	Hispanic vs. White	0.076923	0.1824893	0	-0.077	0.162	0.439714	37
RISP Hope Valley	Any Non-White vs. White	2.92E-01	4.43E-01	0.1398335	-0.292	0.001	0.0195	82
	Black vs. White	2.92E-01	0.4441575	0.1391758	-0.292	0.001	0.00975	61
	Hispanic vs. White	2.92E-01	0.4440365	0.1392969	-0.292	0.001	0.0095	64
RISP Lincoln	Any Non-White vs. White	0.431818	0.5449193	0.318717	-0.136	0.073	0.2847	199
	Black vs. White	0.431818	0.5450254	0.318611	-0.232	0.002	0.013	168
	Hispanic vs. White	0.431818	0.5451862	0.3184502	-0.003	0.974	0.974	136
RISP Portsmouth	Any Non-White vs. White	0.5	1	0	0			5
	Black vs. White	0.5	1	0	0			5
	Hispanic vs. White	0.5	1	0	0			5
RISP Scituate	Any Non-White vs. White	0.454546	0.7107044	0.1983864	0.045	0.891	0.939162	23
	Black vs. White	0.454546	7.13E-01	0.1965369	-0.455	0.003	0.014625	20
	Hispanic vs. White	0.454546	0.7112607	0.1978302	0.545	0.001	0.0095	22
RISP Wickford	Any Non-White vs. White	0.297872	0.3942799	0.2014648	-0.084	0.277	0.514429	148
	Black vs. White	0.297872	0.3943892	0.2013554	0.015	0.887	0.960917	127
	Hispanic vs. White	0.297872	0.3944079	0.2013368	-0.165	0.027	0.146571	124
Scituate	Any Non-White vs. White	0.428571	0.6275689	0.2295739	-0.095	0.641	0.806419	33
	Black vs. White	0.428571	0.6287252	0.2284176	-0.429	0.001	0.00975	28
	Hispanic vs. White	0.428571	0.6275689	0.2295739	-0.095	0.641	0.869929	33
Smithfield	Any Non-White vs. White	0.285714	0.4596631	0.1117654	-0.128	0.257	0.50115	58
	Black vs. White	0.285714	0.4603139	0.1111147	-0.202	0.053	0.1378	48
	Hispanic vs. White	0.285714	0.4609656	0.110463	-0.071	0.635	0.869929	41
South Kingstown	Any Non-White vs. White	0.50996	0.5813984	0.4385219	-0.2	0.005	0.04875	297
	Black vs. White	0.50996	0.5814168	0.4385035	-0.235	0.003	0.014625	276
	Hispanic vs. White	0.50996	0.5814511	0.4384693	-0.146	0.195	0.463125	244
Tiverton	Any Non-White vs. White	0.560935	0.6103092	0.5115605	-0.088	0.055	0.268125	628
	Black vs. White	0.560935	0.6103164	0.5115534	-0.081	0.119	0.23205	576
	Hispanic vs. White	0.560935	0.6103305	0.5115393	-0.081	0.258	0.574222	495
Warwick	Any Non-White vs. White	0.292887	0.3584864	0.2272876	-0.091	0.104	0.338	312
	Black vs. White	0.292887	0.3585328	0.2272413	-0.143	0.048	0.133714	256
	Hispanic vs. White	0.292887	0.3585132	0.2272609	-0.05	0.455	0.751739	277
West Greenwich	Any Non-White vs. White	0.215686	0.2962991	0.1350734	0.239	0.042	0.234	140
	Black vs. White	0.215686	0.296359	0.1350136	0.118	0.478	0.601355	127
	Hispanic vs. White	0.215686	0.2963441	0.1350284	0.284	0.056	0.2128	130
West Warwick	Any Non-White vs. White	0.473684	0.6100953	0.3372732	-0.062	0.572	0.7436	100
	Black vs. White	0.473684	0.6102331	0.3371353	-0.012	0.92	0.96973	91
	Hispanic vs. White	0.473684	0.6104895	0.3368789	-0.045	0.767	0.883212	78
Westerly	Any Non-White vs. White	0.05495	0.0784698	0.0314299	-0.032	0.039	0.234	625
	Black vs. White	0.05495	0.0784747	0.0314249	-0.028	0.142	0.2535	552
	Hispanic vs. White	0.05495	0.0784774	0.0314223	-0.055	0.001	0.0095	520
Woonsocket	Any Non-White vs. White	0.398876	0.4520919	0.3456609	0.034	0.346	0.56225	896
	Black vs. White	0.398876	0.4521211	0.3456317	0.032	0.475	0.601355	601
	Hispanic vs. White	0.398876	0.4521114	0.3456414	0.041	0.318	0.608	675

Table E. 6: Agency Hit Rate Analysis, 2021 (Frisk Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	0.2	0.4052994	0	-0.2	0.077	0.224	16
	Black vs. White	0.2	0.406284	0	-0.2	0.08	0.28	15
	Hispanic vs. White	0.2	0.4087695	0	-0.2	0.087	0.2076667	13
Burrillville	Any Non-White vs. White	0.3714286	0.4928194	0.2500378	0.029	0.882	0.9104517	82
	Black vs. White	0.3714286	0.4929394	0.2499178	-0.371	0.001	0.014	76
	Hispanic vs. White	0.3714286	0.4928973	0.2499599	0.295	0.143	0.26425	78
Central Falls	Any Non-White vs. White	0.5	1	0	-0.196	0.55	0.6769231	44
	Black vs. White	0.5	1	0	-0.167	0.648	0.72576	17
	Hispanic vs. White	0.5	1	0	-0.233	0.486	0.54432	32
Charlestown	Any Non-White vs. White	1	1		-0.5	0.123	0.328	7
	Black vs. White	1	1		-1			4
	Hispanic vs. White	1	1		0			2
Coventry	Any Non-White vs. White	0.125	0.3629721	0	-0.125	0.321	0.4937143	16
	Black vs. White	0.125	0.3629721	0	-0.125	0.321	0.4774737	16
	Hispanic vs. White	0.125	0.3554155	0	0			15
Cranston	Any Non-White vs. White	0.3181818	0.5386159	0.0977477	-0.171	0.224	0.4216471	51
	Black vs. White	0.3181818	0.5411115	0.0952522	-0.318	0.009	0.056	33
	Hispanic vs. White	0.3181818	0.5397214	0.0966422	-0.091	0.582	0.6267692	41
Cumberland	Any Non-White vs. White	1	1	1	0	0.009	0.096	12
	Black vs. White	1	1		0			11
	Hispanic vs. White	1	1	1	0	0.009	0.0933333	12
East Greenwich	Any Non-White vs. White	0.5	1	0	-0.167	0.703	0.8034286	8
	Black vs. White	0.5	1	0	-0.5	0.152	0.3869091	7
	Hispanic vs. White	0.5	1	0	0			7
East Providence	Any Non-White vs. White	0.2507205	0.3292904	0.1721505	-0.034	0.534	0.6769231	254
	Black vs. White	0.2507205	0.3293436	0.1720973	0.015	0.814	0.817	217
	Hispanic vs. White	0.2507205	0.3293956	0.1720453	-0.079	0.234	0.3448421	190
Foster	Any Non-White vs. White	0	1		0			2
	Black vs. White	0	1		0			2
	Hispanic vs. White	0	1		0			2
Glocester	Any Non-White vs. White	0	1		0			37
	Black vs. White	0	1		0			37
	Hispanic vs. White	0	1		0			33
Hopkinton	Any Non-White vs. White	0.0967742	0.1682163	0.0253321	-0.097	0.01	0.096	74
	Black vs. White	0.0967742	0.168304	0.0252444	-0.097	0.01	0.056	68
	Hispanic vs. White	0.0967742	0.1683541	0.0251943	-0.097	0.01	0.0933333	65
Jamestown	Any Non-White vs. White	0.6666667	0.7831714	0.550162	0.083	0.503	0.6769231	87
	Black vs. White	0.6666667	0.783273	0.5500603	0.333	0.001	0.014	81
	Hispanic vs. White	0.6666667	0.7833703	0.5499631	-0.333	0.106	0.212	76
Johnston	Any Non-White vs. White	0	1		0			12
	Black vs. White	0	1		0			4
	Hispanic vs. White	0	1		0			10
Lincoln	Any Non-White vs. White	0.6666667	1	0.0904808	-0.667	0.073	0.224	7
	Black vs. White	0.6666667	1	0.1222222	0			5
	Hispanic vs. White	0.6666667	1	0.0904808	-0.667	0.073	0.2044	7
Little Compton	Any Non-White vs. White	0	1		0			15
	Black vs. White	0	1		0			14
	Hispanic vs. White	0	1		0			12
Middletown	Any Non-White vs. White	0	1		0			140
	Black vs. White	0	1		0			120
	Hispanic vs. White	0	1		0			90
Narragansett	Any Non-White vs. White	0.1428571	0.4157335	0	-0.143	0.324	0.4937143	15
	Black vs. White	0.1428571	0.4157335	0	-0.143	0.324	0.4774737	15
	Hispanic vs. White	0.1428571	0.4211376	0	-0.143	0.338	0.4114783	12
Newport	Any Non-White vs. White	0.1400778	0.2259826	0.0541731	-0.121	0.009	0.096	198
	Black vs. White	0.1400778	0.2260519	0.0541038	-0.113	0.017	0.0793333	171
	Hispanic vs. White	0.1400778	0.2263354	0.0538203	-0.14	0.002	0.056	110
North Kingstown	Any Non-White vs. White	0.5217391	0.6774602	0.3660181	0.145	0.417	0.6065454	56
	Black vs. White	0.5217391	0.6775671	0.3659112	0.078	0.696	0.7495384	54
	Hispanic vs. White	0.5217391	0.6778074	0.3656709	-0.022	0.93	0.93	50
North Providence	Any Non-White vs. White	0.1132075	0.2629437	0	0.045	0.783	0.864	40
	Black vs. White	0.1132075	0.2636439	0	0.137	0.543	0.6545	34
	Hispanic vs. White	0.1132075	0.2637866	0	-0.113	0.151	0.26425	33
North Smithfield	Any Non-White vs. White	0.3333333	0.7431762	0	-0.333	0.15	0.3542857	10
	Black vs. White	0.3333333	0.7566172	0	-0.333	0.174	0.406	8
	Hispanic vs. White	0.3333333	0.7566172	0	-0.333	0.174	0.2865882	8

Table E. 6: Agency Hit Rate Analysis, 2021 (Frisk Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Pawtucket	Any Non-White vs. White	0.1	0.2070759	0	0.1	0.178	0.356	127
	Black vs. White	0.1	0.2072364	0	0.106	0.196	0.4221538	107
	Hispanic vs. White	0.1	0.207472	0	0.15	0.102	0.212	87
Portsmouth	Any Non-White vs. White	0.0588235	0.1158541	0.001793	0.032	0.549	0.6769231	94
	Black vs. White	0.0588235	0.1158745	0.0017725	0.041	0.472	0.6293333	91
	Hispanic vs. White	0.0588235	0.1161469	0.0015002	0.275	0.203	0.3157778	64
Providence	Any Non-White vs. White	0.0929204	0.1104785	0.0753622	-0.042	0.163	0.3477333	1,321
	Black vs. White	0.0780201	0.0991377	0.0569026	-0.057	0.065	0.2022222	833
	Hispanic vs. White	0.098987	0.1214487	0.0765253	-0.036	0.245	0.4573334	919
Richmond	Any Non-White vs. White	0.5	1	0	0			4
	Black vs. White	0.5	1	0	0			4
	Hispanic vs. White	0.5	1	0	0			4
RISP Hope Valley	Any Non-White vs. White	0.4	0.7936595	0.0063405	-0.4	0.072	0.224	13
	Black vs. White	0.4	0.7936595	0.0063405	-0.4	0.072	0.28	13
	Hispanic vs. White	0.4	0.8048559	0	-0.4	0.089	0.2076667	10
RISP Lincoln	Any Non-White vs. White	0.2857143	0.5225921	0.0488364	-0.161	0.239	0.4248889	50
	Black vs. White	0.2857143	0.522798	0.0486306	-0.152	0.271	0.47425	48
	Hispanic vs. White	0.2857143	0.5276868	0.0437417	-0.286	0.03	0.1524444	25
RISP Portsmouth	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
RISP Scituate	Any Non-White vs. White	0	1		0			6
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			6
RISP Wickford	Any Non-White vs. White	1	1		-0.5	0.042	0.224	11
	Black vs. White	1	1		-0.333	0.117	0.3472	10
	Hispanic vs. White	1	1		-1			4
Scituate	Any Non-White vs. White	0.375	0.6243932	0.1256068	0.125	0.651	0.7715556	21
	Black vs. White	0.375	0.62	0.13	0			16
	Hispanic vs. White	0.375	0.6243932	0.1256068	0.125	0.651	0.6751111	21
Smithfield	Any Non-White vs. White	0.3333333	0.6230869	0.0435798	-0.233	0.155	0.3542857	29
	Black vs. White	0.3333333	0.6259277	0.040739	-0.167	0.366	0.5124	23
	Hispanic vs. White	0.3333333	0.6272637	0.0394029	-0.333	0.039	0.1524444	21
South Kingstown	Any Non-White vs. White	0.5593221	0.6616213	0.4570228	-0.244	0.013	0.096	147
	Black vs. White	0.5593221	0.6616673	0.4569767	-0.293	0.006	0.056	138
	Hispanic vs. White	0.5593221	0.6618182	0.4568259	-0.159	0.326	0.4114783	115
Tiverton	Any Non-White vs. White	0.3529412	0.4557377	0.2501446	0.115	0.168	0.356	158
	Black vs. White	0.3529412	0.4558121	0.2500703	0.105	0.25	0.4666667	142
	Hispanic vs. White	0.3529412	0.4560442	0.2498382	0.147	0.292	0.4088	108
Warwick	Any Non-White vs. White	0.32	0.4660377	0.1739623	0.013	0.937	0.937	57
	Black vs. White	0.32	0.4662385	0.1737615	-0.12	0.527	0.6545	53
	Hispanic vs. White	0.32	0.4662936	0.1737064	0.142	0.482	0.54432	52
West Greenwich	Any Non-White vs. White	0.2727273	0.471823	0.0736316	0.527	0.015	0.096	30
	Black vs. White	0.2727273	0.4744601	0.0709944	0.227	0.561	0.6545	22
	Hispanic vs. White	0.2727273	0.4720686	0.0733859	0.477	0.048	0.1524444	29
West Warwick	Any Non-White vs. White	0.4	0.8489091	0	0.1	0.817	0.8714666	9
	Black vs. White	0.4	0.8489091	0	0.1	0.817	0.817	9
	Hispanic vs. White	0.4	0.8571466	0	0.6	0.042	0.1524444	8
Westerly	Any Non-White vs. White	0.01875	0.0551605	0	-0.019	0.314	0.4937143	187
	Black vs. White	0.01875	0.0552043	0	-0.019	0.315	0.4774737	153
	Hispanic vs. White	0.01875	0.0552012	0	-0.019	0.315	0.4114783	155
Woonsocket	Any Non-White vs. White	0.3432836	0.4255579	0.2610093	0.105	0.07	0.224	319
	Black vs. White	0.3432836	0.4256715	0.2608956	0.089	0.224	0.448	222
	Hispanic vs. White	0.3432836	0.425642	0.2609252	0.134	0.049	0.1524444	241

Table E. 7: Agency Hit Rate Analysis, 2019-21 (Frisk Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Barrington	Any Non-White vs. White	0	1		0			6
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			3
Bristol	Any Non-White vs. White	0.235294	0.4154343	0.0551539	-0.235	0.014	0.078	42
	Black vs. White	0.235294	0.4157817	0.0548065	-0.235	0.015	0.04875	39
	Hispanic vs. White	0.235294	0.4163418	0.0542464	-0.235	0.016	0.101333	35
Burrillville	Any Non-White vs. White	0.375367	0.4431697	0.3075635	-0.028	0.796	0.890676	279
	Black vs. White	0.375367	0.4431846	0.3075486	-0.18	0.102	0.234	263
	Hispanic vs. White	0.375367	0.4431807	0.3075525	0.025	0.856	0.959	267
Central Falls	Any Non-White vs. White	0.333333	0.5528889	0.1137777	-0.031	0.8	0.890676	124
	Black vs. White	0.333333	0.5546525	0.1120142	-0.054	0.695	0.821364	63
	Hispanic vs. White	0.333333	0.5535445	0.1131222	-0.019	0.884	0.959	91
Charlestown	Any Non-White vs. White	0.318182	0.4650224	0.1713412	-0.068	0.674	0.847936	49
	Black vs. White	0.318182	0.4652266	0.1711371	-0.318	0.001	0.005571	46
	Hispanic vs. White	0.318182	0.463781	0.1725827	0			41
Coventry	Any Non-White vs. White	0.104478	0.1700144	0.0389408	-0.104	0.002	0.0156	112
	Black vs. White	0.104478	0.1700198	0.0389354	-0.104	0.002	0.008667	111
	Hispanic vs. White	0.104478	0.1700666	0.0388887	-0.104	0.002	0.019	103
Cranston	Any Non-White vs. White	0.421107	0.510735	0.3314781	-0.075	0.22	0.49725	304
	Black vs. White	0.421107	0.5108035	0.3314096	-0.073	0.284	0.481	247
	Hispanic vs. White	0.421107	0.5108239	0.3313892	-0.083	0.244	0.5263	234
Cumberland	Any Non-White vs. White	0.764706	0.947254	0.5821577	-0.015	0.951	0.976026	27
	Black vs. White	0.764706	0.9485373	0.5808744	-0.765	0.001	0.005571	23
	Hispanic vs. White	0.764706	0.947254	0.5821577	-0.015	0.951	0.959	27
East Greenwich	Any Non-White vs. White	0.111111	0.2730117	0	0.089	0.671	0.847936	17
	Black vs. White	0.111111	0.2736905	0	-0.111	0.202	0.358091	16
	Hispanic vs. White	0.111111	0.2753753	0	0.389	0.277	0.5263	14
East Providence	Any Non-White vs. White	0.245242	0.2835139	0.2069708	-0.028	0.318	0.569046	1,074
	Black vs. White	0.245242	0.2835191	0.2069656	-0.013	0.671	0.817781	937
	Hispanic vs. White	0.245242	0.2835293	0.2069554	-0.072	0.045	0.206889	750
Foster	Any Non-White vs. White	0.133333	0.2838076	0	-0.133	0.092	0.3588	34
	Black vs. White	0.133333	0.2842648	0	-0.133	0.094	0.234	31
	Hispanic vs. White	0.133333	0.2841024	0	-0.133	0.093	0.321273	32
Glocester	Any Non-White vs. White	0.035714	0.1054794	0	-0.036	0.321	0.569046	51
	Black vs. White	0.035714	0.1054794	0	-0.036	0.321	0.4875	51
	Hispanic vs. White	0.035714	0.1056009	0	-0.036	0.322	0.556182	47
Hopkinton	Any Non-White vs. White	0.142857	0.1974352	0.0882791	0	1	1	185
	Black vs. White	0.142857	0.1974713	0.0882429	-0.143	0.001	0.005571	165
	Hispanic vs. White	0.142857	0.1974577	0.0882566	-0.018	0.838	0.959	172
Jamestown	Any Non-White vs. White	0.7375	0.8130056	0.6619944	-0.017	0.819	0.890676	216
	Black vs. White	0.7375	0.8130377	0.6619623	0.062	0.431	0.600321	198
	Hispanic vs. White	0.7375	0.8130603	0.6619396	-0.071	0.528	0.743111	187
Johnston	Any Non-White vs. White	0.25	0.5569884	0	0.114	0.573	0.798107	31
	Black vs. White	0.25	0.5689437	0	0.212	0.47	0.6214	15
	Hispanic vs. White	0.25	0.5590445	0	0.011	0.959	0.959	26
Lincoln	Any Non-White vs. White	0.333333	0.5925407	0.0741259	-0.208	0.194	0.49725	34
	Black vs. White	0.333333	0.5970753	0.0695913	-0.333	0.022	0.066	22
	Hispanic vs. White	0.333333	0.5950696	0.071597	-0.133	0.482	0.704462	26
Little Compton	Any Non-White vs. White	0.093023	0.2151665	0	-0.093	0.142	0.4615	53
	Black vs. White	0.093023	0.2153105	0	-0.093	0.143	0.27885	50
	Hispanic vs. White	0.093023	0.2154734	0	-0.093	0.143	0.4104	47
Middletown	Any Non-White vs. White	0.014493	0.0344915	0	0.027	0.204	0.49725	284
	Black vs. White	0.014493	0.0345014	0	0.046	0.111	0.2405	249
	Hispanic vs. White	0.014493	0.0345188	0	-0.014	0.158	0.4104	205
Narragansett	Any Non-White vs. White	0.3	0.452885	0.147115	-0.086	0.443	0.6795	72
	Black vs. White	0.3	0.453463	0.146537	-0.13	0.343	0.495444	57
	Hispanic vs. White	0.3	0.4534149	0.1465851	-0.065	0.619	0.811104	58
Newport	Any Non-White vs. White	0.105727	0.1627536	0.0487001	-0.055	0.106	0.375818	377
	Black vs. White	0.105727	0.1627732	0.0486805	-0.053	0.122	0.250421	334
	Hispanic vs. White	0.105727	0.1628844	0.0485693	-0.021	0.743	0.910774	203
North Kingstown	Any Non-White vs. White	0.537634	0.6181586	0.4571103	0.062	0.561	0.798107	206
	Black vs. White	0.537634	0.6181896	0.4570792	0.034	0.823	0.869595	191
	Hispanic vs. White	0.537634	0.6181787	0.4570901	0.018	0.891	0.959	196

Table E. 7: Agency Hit Rate Analysis, 2019-21 (Frisk Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
North Providence	Any Non-White vs. White	0.147541	0.289592	0.0054899	-0.054	0.641	0.847936	57
	Black vs. White	0.147541	0.2902858	0.0047961	0.04	0.825	0.869595	45
	Hispanic vs. White	0.147541	0.2901448	0.0049372	-0.148	0.049	0.206889	47
North Smithfield	Any Non-White vs. White	0.305085	0.5615052	0.0486643	-0.183	0.255	0.49725	31
	Black vs. White	0.305085	0.5641237	0.0460458	-0.19	0.296	0.481	24
	Hispanic vs. White	0.305085	0.5628253	0.0473442	-0.198	0.254	0.5263	27
Pawtucket	Any Non-White vs. White	0.150943	0.2336235	0.0682633	0.01	0.844	0.890676	339
	Black vs. White	0.150943	0.2336669	0.0682198	0.018	0.746	0.844629	288
	Hispanic vs. White	0.150943	0.2338074	0.0680793	0.037	0.562	0.762714	194
Portsmouth	Any Non-White vs. White	0.093023	0.1560487	0.0299979	0.022	0.715	0.871406	111
	Black vs. White	0.093023	0.1560759	0.0299706	-0.002	0.969	0.969	106
	Hispanic vs. White	0.093023	0.1562842	0.0297623	0.307	0.127	0.402167	79
Providence	Any Non-White vs. White	0.103004	0.113634	0.0923747	-0.053	0.003	0.0234	4,553
	Black vs. White	0.092048	0.1059338	0.0781623	-0.064	0.001	0.012667	2,767
	Hispanic vs. White	0.107926	0.1214245	0.094427	-0.049	0.008	0.0312	3,071
Richmond	Any Non-White vs. White	0.076923	0.182335	0	-0.077	0.161	0.483	39
	Black vs. White	0.076923	0.1825732	0	-0.077	0.163	0.302714	36
	Hispanic vs. White	0.076923	0.1824893	0	-0.077	0.162	0.4104	37
RISP Hope Valley	Any Non-White vs. White	0.333333	0.501875	0.1647916	-0.333	0.001	0.013	63
	Black vs. White	0.333333	0.5024626	0.1642041	-0.333	0.001	0.005571	52
	Hispanic vs. White	0.333333	0.5023988	0.1642679	-0.333	0.001	0.012667	53
RISP Lincoln	Any Non-White vs. White	0.48718	0.6082819	0.3660771	-0.147	0.073	0.316333	174
	Black vs. White	0.48718	0.6084348	0.3659242	-0.245	0.004	0.0156	143
	Hispanic vs. White	0.48718	0.6086	0.365759	-0.037	0.722	0.910774	120
RISP Portsmouth	Any Non-White vs. White	0.5	1	0	0			5
	Black vs. White	0.5	1	0	0			5
	Hispanic vs. White	0.5	1	0	0			5
RISP Scituate	Any Non-White vs. White	0.428571	0.7763114	0.0808315	0.071	0.845	0.890676	15
	Black vs. White	0.428571	0.783198	0.0739449	-0.429	0.039	0.108643	12
	Hispanic vs. White	0.428571	0.7782379	0.0789049	0.571	0.008	0.0608	14
RISP Wickford	Any Non-White vs. White	0.325581	0.4286563	0.2225065	-0.095	0.248	0.49725	139
	Black vs. White	0.325581	0.4287756	0.2223872	0.008	0.943	0.967816	120
	Hispanic vs. White	0.325581	0.4288058	0.222357	-0.183	0.023	0.124857	116
Scituate	Any Non-White vs. White	0.5	0.7068247	0.2931753	-0.167	0.422	0.6795	31
	Black vs. White	0.5	0.70821	0.29179	-0.5	0.001	0.005571	26
	Hispanic vs. White	0.5	0.7068247	0.2931753	-0.167	0.422	0.64144	31
Smithfield	Any Non-White vs. White	0.277778	0.4677824	0.0877732	-0.16	0.177	0.493071	51
	Black vs. White	0.277778	0.4685079	0.0870476	-0.187	0.101	0.234	43
	Hispanic vs. White	0.277778	0.4695802	0.0859753	-0.158	0.302	0.546476	35
South Kingstown	Any Non-White vs. White	0.535565	0.6075462	0.4635836	-0.23	0.002	0.0156	283
	Black vs. White	0.535565	0.6075656	0.4635641	-0.292	0.001	0.005571	263
	Hispanic vs. White	0.535565	0.6075972	0.4635325	-0.136	0.248	0.5263	236
Tiverton	Any Non-White vs. White	0.524763	0.5797508	0.469775	-0.121	0.014	0.078	517
	Black vs. White	0.524763	0.5797615	0.4697643	-0.144	0.009	0.031909	470
	Hispanic vs. White	0.524763	0.5797814	0.4697444	-0.086	0.268	0.5263	402
Warwick	Any Non-White vs. White	0.331707	0.4043659	0.2590487	-0.079	0.249	0.49725	260
	Black vs. White	0.331707	0.4044281	0.2589865	-0.099	0.325	0.4875	213
	Hispanic vs. White	0.331707	0.4043894	0.2590252	-0.068	0.38	0.601667	240
West Greenwich	Any Non-White vs. White	0.215686	0.2962991	0.1350734	0.239	0.042	0.20475	140
	Black vs. White	0.215686	0.296359	0.1350136	0.118	0.478	0.6214	127
	Hispanic vs. White	0.215686	0.2963441	0.1350284	0.284	0.056	0.2128	130
West Warwick	Any Non-White vs. White	0.52	0.704786	0.335214	-0.145	0.364	0.617217	49
	Black vs. White	0.52	0.704868	0.3351321	-0.091	0.583	0.733452	48
	Hispanic vs. White	0.52	0.7062223	0.3337777	-0.02	0.952	0.959	36
Westerly	Any Non-White vs. White	0.058976	0.0855258	0.0324255	-0.049	0.001	0.013	526
	Black vs. White	0.058976	0.0855331	0.0324183	-0.059	0.001	0.005571	460
	Hispanic vs. White	0.058976	0.0855353	0.032416	-0.059	0.001	0.012667	443
Woonsocket	Any Non-White vs. White	0.4	0.4536769	0.3463231	0.027	0.453	0.6795	881
	Black vs. White	0.4	0.4537072	0.3462928	0.014	0.758	0.844629	589
	Hispanic vs. White	0.4	0.4536967	0.3463033	0.039	0.345	0.57	665

Table E. 8: Agency Hit Rate Analysis, 2021 (Consent Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	0	1		0			2
	Black vs. White	0	1		0			2
	Hispanic vs. White	0	1		0			2
Burrillville	Any Non-White vs. White	0	1		0			31
	Black vs. White	0	1		0			25
	Hispanic vs. White	0	1		0			28
Central Falls	Any Non-White vs. White	0.1538462	0.3476382	0	0.109	0.334	0.5152	95
	Black vs. White	0.1538462	0.3488102	0	0.119	0.345	0.558	61
	Hispanic vs. White	0.1538462	0.3487569	0	0.096	0.425	0.778	62
Cranston	Any Non-White vs. White	0	1		0			10
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			7
Cumberland	Any Non-White vs. White	1	1	1	0			2
	Black vs. White	1	1		0			2
	Hispanic vs. White	1	1		0			2
East Greenwich	Any Non-White vs. White	0	1		0			4
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			4
East Providence	Any Non-White vs. White	0.0645161	0.1545317	0	0.212	0.039	0.273	50
	Black vs. White	0.0645161	0.1550043	0	0.32	0.015	0.06	40
	Hispanic vs. White	0.0645161	0.1556055	0	0.06	0.64	0.778	32
Foster	Any Non-White vs. White	0	1		0			2
	Black vs. White	0	1		0			2
	Hispanic vs. White	0	1		0			2
Glocester	Any Non-White vs. White	0	1		0			12
	Black vs. White	0	1		0			12
	Hispanic vs. White	0	1		0			11
Hopkinton	Any Non-White vs. White	0	1		0			11
	Black vs. White	0	1		0			11
	Hispanic vs. White	0	1		0			11
Jamestown	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
Little Compton	Any Non-White vs. White	0	1		0			2
	Black vs. White	0	1		0			2
	Hispanic vs. White	0	1		0			2
Middletown	Any Non-White vs. White	0	1		0			21
	Black vs. White	0	1		0			16
	Hispanic vs. White	0	1		0			12
Narragansett	Any Non-White vs. White	0.1489362	0.2891105	0.0087618	0.003	0.98	0.98	54
	Black vs. White	0.1489362	0.2892694	0.008603	-0.006	0.956	0.956	51
	Hispanic vs. White	0.1489362	0.290159	0.0077134	-0.038	0.778	0.778	39
Newport	Any Non-White vs. White	0.0265487	0.0784427	0	-0.007	0.82	0.8830769	94
	Black vs. White	0.0265487	0.0784812	0	-0.005	0.893	0.956	88
	Hispanic vs. White	0.0265487	0.0789249	0	-0.027	0.325	0.7172	51
North Kingstown	Any Non-White vs. White	1.39E-17	1		0.333	0.15	0.42	15
	Black vs. White	1.39E-17	1		0.333	0.15	0.36	15
	Hispanic vs. White	0	1		0			12
North Providence	Any Non-White vs. White	0	1		0			26
	Black vs. White	0	1		0			23
	Hispanic vs. White	0	1		0			21
North Smithfield	Any Non-White vs. White	-5.55E-17	1		0.5	0.368	0.5152	4
	Black vs. White	-1.11E-16	2.66E-16	0	1	0.001	0.012	3
	Hispanic vs. White	0	1		0			2
Pawtucket	Any Non-White vs. White	-3.12E-17	1		0.038	0.089	0.3115	77
	Black vs. White	0	1		0			61
	Hispanic vs. White	-6.94E-18	1		0.077	0.093	0.341	49
Portsmouth	Any Non-White vs. White	-1.11E-16	1.55E-16	0	1	0.001	0.014	3
	Black vs. White	0	1		0			2
	Hispanic vs. White	-1.11E-16	1.55E-16	0	1	0.001	0.011	3
Providence	Any Non-White vs. White	0.0967742	0.1838376	0.0097108	-0.103	0.579	0.7369091	60
	Black vs. White	0.1052632	0.2533716	0	-0.095	0.634	0.778	35
	Hispanic vs. White	0.1565217	0.2957995	0.017244	-0.043	0.825	0.956	36
RISP Hope Valley	Any Non-White vs. White	1	1		0			3
	Black vs. White	1	1		0			3
	Hispanic vs. White	1	1		0			3

Table E. 8: Agency Hit Rate Analysis, 2021 (Consent Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
RISP Lincoln	Any Non-White vs. White	0	1		0			24
	Black vs. White	0	1		0			22
	Hispanic vs. White	0	1		0			8
RISP Portsmouth	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
RISP Scituate	Any Non-White vs. White	1	1		0			2
	Black vs. White	1	1		0			2
	Hispanic vs. White	1	1		0			2
Smithfield	Any Non-White vs. White		1					2
	Hispanic vs. White		1					2
South Kingstown	Any Non-White vs. White	0.2142857	0.3652947	0.0632768	-0.103	0.347	0.5152	47
	Black vs. White	0.2142857	0.365524	0.0630474	-0.089	0.444	0.592	44
	Hispanic vs. White	0.2142857	0.3670571	0.0615144	-0.214	0.01	0.055	31
Tiverton	Any Non-White vs. White	0.6067415	0.7129697	0.5005134	0.027	0.753	0.8785	149
	Black vs. White	0.6067415	0.7130331	0.5004501	0.081	0.372	0.558	137
	Hispanic vs. White	0.6067415	0.713218	0.5002652	-0.061	0.68	0.778	111
Warwick	Any Non-White vs. White	0.0833333	0.2441203	0	-0.083	0.319	0.5152	27
	Black vs. White	0.0833333	0.2449303	0	-0.083	0.323	0.558	24
	Hispanic vs. White	0.0833333	0.2456022	0	-0.083	0.326	0.7172	22
West Greenwich	Any Non-White vs. White	0	1		0			5
	Black vs. White	0	1		0			5
	Hispanic vs. White	0	1		0			5
Westerly	Any Non-White vs. White	1.04E-17	1.72E-17	3.61E-18	0.087	0.085	0.3115	89
	Black vs. White	-6.94E-18	1		0.182	0.09	0.27	75
	Hispanic vs. White	0	1		0			80
Woonsocket	Any Non-White vs. White	0.4	0.7202666	0.0797334	0.267	0.289	0.5152	18
	Black vs. White	0.4	0.7282546	0.0717454	0.6	0.004	0.024	13
	Hispanic vs. White	0.4	0.7227984	0.0772016	0.1	0.739	0.778	16

Table E. 9: Agency Hit Rate Analysis, 2019-21 (Consent Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Barrington	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
Bristol	Any Non-White vs. White	0.1666667	0.4709624	0	-0.167	0.301	0.605769	16
	Black vs. White	0.1666667	0.4724219	0	-0.167	0.305	0.5495	15
	Hispanic vs. White	0.1666667	0.4761058	0	-0.167	0.314	0.455556	13
Burrillville	Any Non-White vs. White	0.0727273	0.122343	0.0231115	-0.027	0.598	0.830556	113
	Black vs. White	0.0727273	0.1223865	0.0230681	0.014	0.872	0.925	103
	Hispanic vs. White	0.0727273	0.1223865	0.0230681	-0.073	0.005	0.03125	103
Central Falls	Any Non-White vs. White	0.15	0.2920288	0.0079712	0.121	0.147	0.408333	174
	Black vs. White	0.15	0.2925615	0.0074385	0.17	0.075	0.39375	106
	Hispanic vs. White	0.15	0.2924881	0.0075119	0.087	0.328	0.455556	112
Charlestown	Any Non-White vs. White	1	1		0			2
	Black vs. White	1	1		0			2
	Hispanic vs. White	1	1		0			2
Coventry	Any Non-White vs. White	0	1		0			6
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			6
Cranston	Any Non-White vs. White	0	1		0			23
	Black vs. White	0	1		0			19
	Hispanic vs. White	0	1		0			20
Cumberland	Any Non-White vs. White	0.25	0.6175	0	0.083	0.763	0.841304	12
	Black vs. White	0.25	0.6303986	0	0			9
	Hispanic vs. White	0.25	0.637379	0	0.25	0.56	0.666667	8
East Greenwich	Any Non-White vs. White	0.1111111	0.2477254	0	-0.111	0.13	0.40625	18
	Black vs. White	0.1111111	0.2482305	0	-0.111	0.133	0.422333	17
	Hispanic vs. White	0.1111111	0.2482305	0	-0.111	0.133	0.277083	17
East Providence	Any Non-White vs. White	0.1668255	0.2207502	0.1129009	-0.036	0.315	0.605769	439
	Black vs. White	0.1668255	0.2207698	0.1128813	-0.032	0.406	0.655846	379
	Hispanic vs. White	0.1668255	0.2208093	0.1128418	-0.071	0.111	0.259091	297
Foster	Any Non-White vs. White	0	1		0			8
	Black vs. White	0	1		0			8
	Hispanic vs. White	0	1		0			8
Glocester	Any Non-White vs. White	0	1		0			20
	Black vs. White	0	1		0			20
	Hispanic vs. White	0	1		0			19
Hopkinton	Any Non-White vs. White	0	1		0			16
	Black vs. White	0	1		0			16
	Hispanic vs. White	0	1		0			16
Jamestown	Any Non-White vs. White	0.25	0.7587807	0	-0.25	0.39	0.609375	6
	Black vs. White	0.25	0.7144511	0	0			5
	Hispanic vs. White	0.25	0.7587807	0	-0.25	0.39	0.48875	6
Johnston	Any Non-White vs. White	0	1		0			6
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			6
Lincoln	Any Non-White vs. White	0	1		0			10
	Black vs. White	0	1		0			6
	Hispanic vs. White	0	1		0			7
Little Compton	Any Non-White vs. White	0	1		0			4
	Black vs. White	0	1		0			4
	Hispanic vs. White	0	1		0			2
Middletown	Any Non-White vs. White	0	1		0			63
	Black vs. White	0	1		0			51
	Hispanic vs. White	0	1		0			45
Narragansett	Any Non-White vs. White	0.2052846	0.2802395	0.1303296	0.013	0.84	0.875	203
	Black vs. White	0.2052846	0.2802896	0.1302795	-0.008	0.916	0.925	179
	Hispanic vs. White	0.2052846	0.2803429	0.1302262	0.039	0.694	0.788636	159
Newport	Any Non-White vs. White	0.0299401	0.0595927	0.0002875	0.001	0.978	0.978	289
	Black vs. White	0.0299401	0.0596025	0.0002777	0.006	0.817	0.925	264
	Hispanic vs. White	0.0299401	0.0596707	0.0002096	0.051	0.391	0.48875	165
North Kingstown	Any Non-White vs. White	0.4347826	0.6231889	0.2463763	-0.101	0.661	0.841304	39
	Black vs. White	0.4347826	0.6231889	0.2463763	-0.101	0.661	0.925	39
	Hispanic vs. White	0.4347826	0.6236147	0.2459505	-0.435	0.001	0.008333	36

Table E. 9: Agency Hit Rate Analysis, 2019-21 (Consent Only)

Level	Comparison	B=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
North Providence	Any Non-White vs. White	0.1578947	0.304593	0.0111965	-0.038	0.735	0.841304	43
	Black vs. White	0.1578947	0.3054177	0.0103717	-0.158	0.044	0.308	35
	Hispanic vs. White	0.1578947	0.3052937	0.0104957	0.049	0.755	0.820652	36
North Smithfield	Any Non-White vs. White	-1.67E-16	1		0.16	0.05	0.35625	27
	Black vs. White	2.08E-16	1		0.154	0.176	0.422333	16
	Hispanic vs. White	6.94E-17	7.26E-09	0	0.125	0.186	0.31	17
Pawtucket	Any Non-White vs. White	4.86E-17	1		0.041	0.081	0.378571	131
	Black vs. White	-1.04E-17	3.30E-09	0	0.027	0.314	0.5495	109
	Hispanic vs. White	-5.55E-17	1		0.048	0.092	0.255556	71
Portsmouth	Any Non-White vs. White	-1.11E-16	1.55E-16	0	1	0.001	0.025	3
	Black vs. White	0	1		0			2
	Hispanic vs. White	-1.11E-16	1.55E-16	0	1	0.001	0.008333	3
Providence	Any Non-White vs. White	0.1263002	0.1787904	0.0738099	0.041	0.483	0.754688	203
	Black vs. White	0.1895735	0.2832229	0.095924	0.105	0.143	0.297917	117
	Hispanic vs. White	0.1051429	0.1660223	0.0442634	0.02	0.741	0.925	135
Richmond	Any Non-White vs. White	0	1		0			10
	Black vs. White	0	1		0			10
	Hispanic vs. White	0	1		0			9
RISP Hope Valley	Any Non-White vs. White	0.125	0.2727542	0	-0.125	0.106	0.378571	39
	Black vs. White	0.125	0.2747923	0	-0.125	0.115	0.422333	26
	Hispanic vs. White	0.125	0.2745617	0	-0.125	0.114	0.259091	27
RISP Lincoln	Any Non-White vs. White	2.08E-17	2.98E-09	0	0.05	0.057	0.35625	63
	Black vs. White	0	1		0			57
	Hispanic vs. White	-1.39E-17	1		0.25	0.053	0.189286	36
RISP Portsmouth	Any Non-White vs. White	0	1		0			3
	Black vs. White	0	1		0			3
	Hispanic vs. White	0	1		0			3
RISP Scituate	Any Non-White vs. White	0.5	0.9000833	0.0999167	0			8
	Black vs. White	0.5	0.9000833	0.0999167	0			8
	Hispanic vs. White	0.5	0.9000833	0.0999167	0			8
RISP Wickford	Any Non-White vs. White	0.1538462	0.2944517	0.0132406	-0.154	0.04	0.35625	31
	Black vs. White	0.1538462	0.2949741	0.0127182	-0.154	0.042	0.308	28
	Hispanic vs. White	0.1538462	0.2953935	0.0122988	-0.154	0.044	0.183333	26
Scituate	Any Non-White vs. White	0	1		0			4
	Black vs. White	0	1		0			4
	Hispanic vs. White	0	1		0			4
Smithfield	Any Non-White vs. White	0.25	0.637379	0	0.25	0.56	0.823529	8
	Black vs. White	0.25	0.6608775	0	-0.25	0.299	0.5495	6
	Hispanic vs. White	0.25	0.6469454	0	0.75	0.014	0.07	7
South Kingstown	Any Non-White vs. White	0.1639344	0.2536654	0.0742035	-0.026	0.774	0.841304	95
	Black vs. White	0.1639344	0.2537422	0.0741267	0.01	0.925	0.925	88
	Hispanic vs. White	0.1639344	0.2539933	0.0738756	-0.164	0.001	0.008333	71
Tiverton	Any Non-White vs. White	0.6255924	0.6918579	0.5593269	-0.064	0.294	0.605769	339
	Black vs. White	0.6255924	0.6918749	0.55931	-0.02	0.768	0.925	312
	Hispanic vs. White	0.6255924	0.6919128	0.559272	-0.107	0.275	0.429688	265
Warwick	Any Non-White vs. White	0.09375	0.1834317	0.0040683	-0.048	0.389	0.609375	92
	Black vs. White	0.09375	0.1836264	0.0038736	-0.094	0.044	0.308	77
	Hispanic vs. White	0.09375	0.1836922	0.0038078	-0.007	0.929	0.945	73
West Greenwich	Any Non-White vs. White	0	1		0			5
	Black vs. White	0	1		0			5
	Hispanic vs. White	0	1		0			5
West Warwick	Any Non-White vs. White	0.4117647	0.5774188	0.2461106	-0.048	0.709	0.841304	63
	Black vs. White	0.4117647	0.5778152	0.2457142	-0.037	0.8	0.925	55
	Hispanic vs. White	0.4117647	0.5782002	0.2453292	-0.012	0.945	0.945	49
Westerly	Any Non-White vs. White	0.0124481	0.0296576	0	0.023	0.302	0.605769	250
	Black vs. White	0.0124481	0.0296663	0	0.048	0.181	0.422333	222
	Hispanic vs. White	0.0124481	0.0296712	0	-0.012	0.158	0.303846	209
Woonsocket	Any Non-White vs. White	0.2	0.3334251	0.0665749	0.16	0.101	0.378571	92
	Black vs. White	0.2	0.3342621	0.0657379	0.185	0.148	0.422333	59
	Hispanic vs. White	0.2	0.3339514	0.0660486	0.157	0.173	0.308929	68

APPENDIX F: CONDITIONAL OUTCOME ANALYSIS TABLES

Table F.1: Analysis of Decision to Arrest by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0022054	0.0023152	0.3412847	0.0235401	39,908
		Hispanic vs. White	0.0044039	0.0022581	0.051727	0.0235401	37,566
		Any Non-White vs. White	0.0028001	0.0018523	0.1312343	0.0235401	49,596
	2020	Black vs. White	0.0065869	0.0024125	0.006562	0.0259535	32,359
		Hispanic vs. White	0.006113	0.0028707	0.0337321	0.0259535	31,552
		Any Non-White vs. White	0.0056532	0.0019747	0.0043803	0.0259535	39,883
	2019	Black vs. White	0.0066234	0.0021639	0.0023257	0.0255622	33,925
		Hispanic vs. White	0.0064646	0.00258	0.0125393	0.0255622	33,075
		Any Non-White vs. White	0.0059266	0.0018778	0.0016922	0.0255622	41,825
	Combined Years	Black vs. White	0.0047615	0.0013498	0.0004326	0.0249177	106,192
		Hispanic vs. White	0.0055264	0.0014606	0.0001607	0.0249177	102,193
		Any Non-White vs. White	0.0045856	0.0011043	0.0000347	0.0249177	131,304
Municipal Police	2021	Black vs. White	0.0155234	0.0019403	2.83E-15	0.0374142	143,643
		Hispanic vs. White	0.0165858	0.0019704	1.06E-16	0.0374142	141,804
		Any Non-White vs. White	0.0148007	0.0015794	3.24E-20	0.0374142	170,064
	2020	Black vs. White	0.0174602	0.0023255	1.11E-13	0.0405477	125,144
		Hispanic vs. White	0.0127043	0.0018845	2.35E-11	0.0405477	125,473
		Any Non-White vs. White	0.0133425	0.0016496	1.36E-15	0.0405477	149,326
	2019	Black vs. White	0.0147204	0.0016523	1.73E-18	0.0344811	183,264
		Hispanic vs. White	0.0139282	0.0015146	1.47E-19	0.0344811	180,571
		Any Non-White vs. White	0.0125964	0.0012482	4.21E-23	0.0344811	211,282
	Combined Years	Black vs. White	0.0157123	0.0011114	0	0.0371283	452,051
		Hispanic vs. White	0.0145266	0.0010323	0	0.0371283	447,848
		Any Non-White vs. White	0.0135438	0.0008503	0	0.0371283	530,672
All Agencies	2021	Black vs. White	0.0113766	0.0015678	6.00E-13	0.0342801	183,551
		Hispanic vs. White	0.0128552	0.0015428	1.60E-16	0.0342801	179,370
		Any Non-White vs. White	0.0113631	0.0012766	1.35E-18	0.0342801	219,660
	2020	Black vs. White	0.0144714	0.0018363	5.63E-15	0.0374686	157,503
		Hispanic vs. White	0.0108266	0.0015747	8.54E-12	0.0374686	157,025
		Any Non-White vs. White	0.0113246	0.001337	4.99E-17	0.0374686	189,209
	2019	Black vs. White	0.0128467	0.0013958	9.38E-20	0.0330046	217,189
		Hispanic vs. White	0.0121593	0.0013137	5.91E-20	0.0330046	213,646
		Any Non-White vs. White	0.011168	0.0010746	1.30E-24	0.0330046	253,107
	Combined Years	Black vs. White	0.0127296	0.0009109	0	0.0347038	558,243
		Hispanic vs. White	0.0120598	0.0008529	0	0.0347038	550,041
		Any Non-White vs. White	0.0112789	0.0007057	0	0.0347038	661,976

Table F.2: Analysis of Warnings by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	-0.0130187	0.0086815	0.1343796	0.3535295	38,998
		Hispanic vs. White	-0.0239352	0.0080318	0.0030297	0.3535295	36,722
		Any Non-White vs. White	-0.0185024	0.0074651	0.0135283	0.3535295	48,423
	2020	Black vs. White	-0.0174842	0.0083986	0.0378988	0.4693594	31,547
		Hispanic vs. White	-0.0229871	0.0078375	0.0035208	0.4693594	30,770
		Any Non-White vs. White	-0.0221029	0.0068899	0.0014253	0.4693594	38,848
	2019	Black vs. White	-0.0062189	0.0090785	0.4936535	0.5085526	33,087
		Hispanic vs. White	-0.0202534	0.0084765	0.0172494	0.5085526	32,281
		Any Non-White vs. White	-0.013208	0.0073241	0.0719196	0.5085526	40,755
	Combined Years	Black vs. White	-0.0119949	0.0051607	0.0202478	0.4380589	103,632
		Hispanic vs. White	-0.0224899	0.0047713	2.67E-06	0.4380589	99,773
		Any Non-White vs. White	-0.0177211	0.0042872	0.0000377	0.4380589	128,026
Municipal Police	2021	Black vs. White	0.0271338	0.0091005	0.0029239	0.6787966	138,546
		Hispanic vs. White	0.0023356	0.0075404	0.756812	0.6787966	136,966
		Any Non-White vs. White	0.0097611	0.0056478	0.0841819	0.6787966	163,702
	2020	Black vs. White	0.0248815	0.0095095	0.0089883	0.6649369	120,252
		Hispanic vs. White	0.0002917	0.0059982	0.9612244	0.6649369	120,840
		Any Non-White vs. White	0.0096214	0.0052018	0.0645925	0.6649369	143,261
	2019	Black vs. White	0.0164211	0.0103063	0.1113402	0.6305377	177,186
		Hispanic vs. White	-0.0040222	0.009121	0.659301	0.6305377	174,791
		Any Non-White vs. White	-0.0012617	0.0064327	0.8445364	0.6305377	203,993
	Combined Years	Black vs. White	0.0223378	0.0056714	0.0000834	0.6556453	435,984
		Hispanic vs. White	-0.0006785	0.0046609	0.8842736	0.6556453	432,597
		Any Non-White vs. White	0.0053406	0.0034538	0.1221193	0.6556453	510,956
All Agencies	2021	Black vs. White	0.0145955	0.0072157	0.0432551	0.604503	177,544
		Hispanic vs. White	-0.0056665	0.0060327	0.3477089	0.604503	173,688
		Any Non-White vs. White	0.0017063	0.004757	0.7198684	0.604503	212,125
	2020	Black vs. White	0.0135582	0.007769	0.0811317	0.6231807	151,799
		Hispanic vs. White	-0.0056258	0.0051626	0.2759915	0.6231807	151,610
		Any Non-White vs. White	0.0017488	0.0045175	0.6987193	0.6231807	182,109
	2019	Black vs. White	0.0115855	0.0084696	0.1715179	0.6101883	210,273
		Hispanic vs. White	-0.0073528	0.007482	0.3258725	0.6101883	207,072
		Any Non-White vs. White	-0.0032081	0.0054224	0.5541674	0.6101883	244,748
	Combined Years	Black vs. White	0.0132034	0.0045837	0.0039867	0.6120043	539,616
		Hispanic vs. White	-0.0062819	0.0037894	0.0974297	0.6120043	532,370
		Any Non-White vs. White	-0.00015	0.002913	0.9589455	0.6120043	638,982

Table F.3: Analysis of Stop Duration by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0106649	0.0039254	0.0068271	0.1267016	39,908
		Hispanic vs. White	0.0130866	0.0030978	0.0000287	0.1267016	37,566
		Any Non-White vs. White	0.0110691	0.0030486	0.0003117	0.1267016	49,596
	2020	Black vs. White	0.0182222	0.0045511	0.0000723	0.127315	32,359
		Hispanic vs. White	0.014491	0.0044631	0.0012494	0.127315	31,552
		Any Non-White vs. White	0.0150476	0.0035395	0.0000255	0.127315	39,883
	2019	Black vs. White	0.0136857	0.0049517	0.005924	0.1237809	33,925
		Hispanic vs. White	0.0108019	0.0041232	0.0090662	0.1237809	33,075
		Any Non-White vs. White	0.0109862	0.0040025	0.0062666	0.1237809	41,825
	Combined Years	Black vs. White	0.0135979	0.0025772	1.52E-07	0.1259568	106,192
		Hispanic vs. White	0.0127187	0.0021942	8.29E-09	0.1259568	102,193
		Any Non-White vs. White	0.0121002	0.0020371	3.54E-09	0.1259568	131,304
Municipal Police	2021	Black vs. White	0.0306077	0.0027984	1.21E-26	0.1044624	143,643
		Hispanic vs. White	0.0237703	0.0033717	2.98E-12	0.1044624	141,804
		Any Non-White vs. White	0.024913	0.002409	4.13E-24	0.1044624	170,064
	2020	Black vs. White	0.0348225	0.0037815	1.28E-19	0.1095102	125,144
		Hispanic vs. White	0.0276627	0.0039386	3.48E-12	0.1095102	125,473
		Any Non-White vs. White	0.028327	0.0029421	3.00E-21	0.1095102	149,326
	2019	Black vs. White	0.0274713	0.0023231	1.07E-30	0.0973126	183,264
		Hispanic vs. White	0.0244647	0.002361	3.27E-24	0.0973126	180,571
		Any Non-White vs. White	0.0236323	0.0018127	1.37E-36	0.0973126	211,282
	Combined Years	Black vs. White	0.0304738	0.0016338	0	0.1030366	452,051
		Hispanic vs. White	0.0250695	0.0018065	0	0.1030366	447,848
		Any Non-White vs. White	0.0252983	0.0013268	0	0.1030366	530,672
All Agencies	2021	Black vs. White	0.0243253	0.0023273	7.81E-25	0.1094862	183,551
		Hispanic vs. White	0.020418	0.0024819	3.76E-16	0.1094862	179,370
		Any Non-White vs. White	0.0208926	0.0019352	2.38E-26	0.1094862	219,660
	2020	Black vs. White	0.0302631	0.0029698	9.70E-24	0.1132666	157,503
		Hispanic vs. White	0.0240899	0.0030115	2.23E-15	0.1132666	157,025
		Any Non-White vs. White	0.0249011	0.002332	7.51E-26	0.1132666	189,209
	2019	Black vs. White	0.0240042	0.002228	2.90E-26	0.1016942	217,189
		Hispanic vs. White	0.0209993	0.0020765	2.06E-23	0.1016942	213,646
		Any Non-White vs. White	0.020745	0.0017198	2.80E-32	0.1016942	253,107
	Combined Years	Black vs. White	0.0257499	0.0014084	0	0.1075875	558,243
		Hispanic vs. White	0.0216059	0.0014251	0	0.1075875	550,041
		Any Non-White vs. White	0.0218902	0.0011262	0	0.1075875	661,976

Table F.4: Analysis of Investigative or Suspicion Stops by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	-0.008302	0.002909	0.0045048	0.0546114	39,908
		Hispanic vs. White	-0.0042123	0.0022314	0.0596602	0.0546114	37,566
		Any Non-White vs. White	-0.005995	0.0023148	0.0098847	0.0546114	49,596
	2020	Black vs. White	-0.0049923	0.0026648	0.0616198	0.0665232	32,359
		Hispanic vs. White	-0.0017525	0.0027952	0.5309764	0.0665232	31,552
		Any Non-White vs. White	-0.0042085	0.0023127	0.0694178	0.0665232	39,883
	2019	Black vs. White	-0.0022128	0.0021255	0.2983636	0.0669337	33,925
		Hispanic vs. White	-0.0045806	0.0025949	0.0781376	0.0669337	33,075
		Any Non-White vs. White	-0.003845	0.0022249	0.0845555	0.0669337	41,825
	Combined Years	Black vs. White	-0.0054882	0.0015662	0.0004718	0.0621575	106,192
		Hispanic vs. White	-0.0036782	0.0014467	0.0111077	0.0621575	102,193
		Any Non-White vs. White	-0.0048139	0.0013396	0.0003369	0.0621575	131,304
Municipal Police	2021	Black vs. White	0.0023467	0.0042726	0.5829278	0.051717	143,643
		Hispanic vs. White	-0.0009438	0.002888	0.7438632	0.051717	141,804
		Any Non-White vs. White	-0.0007702	0.0022406	0.7310854	0.051717	170,064
	2020	Black vs. White	0.0023382	0.0037613	0.5342807	0.0625782	125,144
		Hispanic vs. White	-0.001715	0.0026102	0.511263	0.0625782	125,473
		Any Non-White vs. White	-0.0008892	0.0020594	0.6659912	0.0625782	149,326
	2019	Black vs. White	0.0023401	0.0028291	0.4083056	0.0436774	183,264
		Hispanic vs. White	-0.0008297	0.0019182	0.6654179	0.0436774	180,571
		Any Non-White vs. White	-0.0000946	0.0016372	0.953925	0.0436774	211,282
	Combined Years	Black vs. White	0.0023419	0.0020956	0.2638273	0.0515729	452,051
		Hispanic vs. White	-0.0011034	0.0014272	0.4394893	0.0515729	447,848
		Any Non-White vs. White	-0.0005331	0.0011393	0.6398432	0.0515729	530,672
All Agencies	2021	Black vs. White	-0.0010828	0.0031637	0.7321996	0.0523709	183,551
		Hispanic vs. White	-0.002042	0.0021537	0.3431897	0.0523709	179,370
		Any Non-White vs. White	-0.0023295	0.0017525	0.1839323	0.0523709	219,660
	2020	Black vs. White	0.000253	0.0029265	0.9311286	0.0634105	157,503
		Hispanic vs. White	-0.0017349	0.0020634	0.4005806	0.0634105	157,025
		Any Non-White vs. White	-0.0017728	0.0016657	0.2873415	0.0634105	189,209
	2019	Black vs. White	0.0011257	0.0022915	0.6233005	0.0475273	217,189
		Hispanic vs. White	-0.0018703	0.0016443	0.2555092	0.0475273	213,646
		Any Non-White vs. White	-0.0009798	0.0014064	0.4860923	0.0475273	253,107
	Combined Years	Black vs. White	0.000088	0.0016313	0.9569629	0.0536745	558,243
		Hispanic vs. White	-0.001897	0.0011335	0.0942792	0.0536745	550,041
		Any Non-White vs. White	-0.0016707	0.0009329	0.0733697	0.0536745	661,976

Table F.5: Analysis of Discretionary Search by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2021	Black vs. White	0.0007801	0.0003739	0.0374742	0.001772	39,908
		Hispanic vs. White	-0.0001158	0.0002233	0.6042072	0.001772	37,566
		Any Non-White vs. White	0.0002757	0.000276	0.3182226	0.001772	49,596
	2020	Black vs. White	-0.0002932	0.0005141	0.5687529	0.0029032	32,359
		Hispanic vs. White	-0.0005153	0.0004281	0.2292715	0.0029032	31,552
		Any Non-White vs. White	-0.0004081	0.0003531	0.2484353	0.0029032	39,883
	2019	Black vs. White	-0.0000547	0.0006511	0.9330733	0.0060329	33,925
		Hispanic vs. White	0.0004435	0.0009616	0.6448904	0.0060329	33,075
		Any Non-White vs. White	0.0000267	0.0006529	0.9673456	0.0060329	41,825
	Combined Years	Black vs. White	0.0002334	0.000294	0.4274197	0.0034739	106,192
		Hispanic vs. White	-0.0000406	0.0003434	0.9059895	0.0034739	102,193
		Any Non-White vs. White	0.0000121	0.0002593	0.9628507	0.0034739	131,304
Municipal Police	2021	Black vs. White	0.0102073	0.0048305	0.0347918	0.0292168	143,643
		Hispanic vs. White	0.0057978	0.0032671	0.0762141	0.0292168	141,804
		Any Non-White vs. White	0.0059011	0.0024527	0.0162736	0.0292168	170,064
	2020	Black vs. White	0.0085737	0.0041777	0.0403445	0.0328584	125,144
		Hispanic vs. White	0.0063257	0.0028736	0.0278905	0.0328584	125,473
		Any Non-White vs. White	0.0054674	0.0022361	0.0146152	0.0328584	149,326
	2019	Black vs. White	0.0103511	0.0048314	0.0323455	0.0213916	183,264
		Hispanic vs. White	0.0073625	0.0038602	0.0567056	0.0213916	180,571
		Any Non-White vs. White	0.0064843	0.0027075	0.0167659	0.0213916	211,282
	Combined Years	Black vs. White	0.0098386	0.0027572	0.0003637	0.0271264	452,051
		Hispanic vs. White	0.0065454	0.0020329	0.0012938	0.0271264	447,848
		Any Non-White vs. White	0.0060191	0.0014843	0.0000511	0.0271264	530,672
All Agencies	2021	Black vs. White	0.0072126	0.0034002	0.0340456	0.0230172	183,551
		Hispanic vs. White	0.0039269	0.0023119	0.0895793	0.0230172	179,370
		Any Non-White vs. White	0.0042483	0.001781	0.0171716	0.0230172	219,660
	2020	Black vs. White	0.0061443	0.003149	0.0511892	0.0265385	157,503
		Hispanic vs. White	0.0044616	0.0021861	0.0414076	0.0265385	157,025
		Any Non-White vs. White	0.0039566	0.0017114	0.0208933	0.0265385	189,209
	2019	Black vs. White	0.0078907	0.0037931	0.0376417	0.0188491	217,189
		Hispanic vs. White	0.0057025	0.0030097	0.0582906	0.0188491	213,646
		Any Non-White vs. White	0.0050813	0.0021694	0.019279	0.0188491	253,107
	Combined Years	Black vs. White	0.0071876	0.0020586	0.0004844	0.02243	558,243
		Hispanic vs. White	0.0047274	0.0015187	0.0018626	0.02243	550,041
		Any Non-White vs. White	0.0044879	0.0011359	0.0000789	0.02243	661,976

Table F.6: Analysis of Decision to Arrest by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0142114	0.0068123	0.0523448	0.0323111	1,677	0.2032963
	Hispanic vs. White	0.0416975	0.0254086	0.1191511	0.0323111	1,622	0.2914616
	Any Non-White vs. White	0.0217114	0.0104344	0.0528914	0.0323111	1,821	0.1763046
Bristol	Black vs. White	-0.0014159	0.0024065	0.5606995	0.0043478	1,550	0.7234833
	Hispanic vs. White	-0.005775	0.0044995	0.2094789	0.0043478	1,514	0.3103391
	Any Non-White vs. White	-0.002447	0.0025869	0.351752	0.0043478	1,607	0.4538735
Burrillville	Black vs. White	0.0034128	0.0209511	0.872521	0.036804	3,016	0.8948933
	Hispanic vs. White	0.0211458	0.0199328	0.3027833	0.036804	3,036	0.4037111
	Any Non-White vs. White	0.0104511	0.0153159	0.5032418	0.036804	3,177	0.5920492
Central Falls	Black vs. White	-0.0060948	0.00668	0.3693481	0.0271739	1,603	0.5682279
	Hispanic vs. White	-0.0001528	0.0062564	0.9806816	0.0271739	2,167	0.9806816
	Any Non-White vs. White	-0.0010563	0.005706	0.8543872	0.0271739	2,757	0.8762946
Charlestown	Black vs. White	0.0170903	0.016717	0.3228307	0.0268643	2,061	0.5334074
	Hispanic vs. White	-0.0187718	0.0049165	0.0016798	0.0268643	2,007	0.0223974
	Any Non-White vs. White	0.0108733	0.0152771	0.4875474	0.0268643	2,157	0.5920492
Coventry	Black vs. White	-0.0142294	0.0084025	0.0983397	0.0097036	3,616	0.2279662
	Hispanic vs. White	0.010238	0.0161226	0.5292272	0.0097036	3,585	0.6048311
	Any Non-White vs. White	-0.0007871	0.0086473	0.9279404	0.0097036	3,812	0.9279404
Cranston	Black vs. White	0.0041057	0.0022134	0.0669534	0.0104138	19,405	0.2032963
	Hispanic vs. White	0.0048234	0.0020955	0.0237394	0.0104138	20,969	0.1186971
	Any Non-White vs. White	0.0041674	0.001793	0.0223857	0.0104138	25,338	0.0814026
Cumberland	Black vs. White	0.051713	0.0146378	0.0010334	0.0784254	5,352	0.0137787
	Hispanic vs. White	0.0663084	0.0117204	1.43E-06	0.0784254	5,672	0.0000573
	Any Non-White vs. White	0.0558203	0.009759	1.08E-06	0.0784254	6,554	0.0000216
East Greenwich	Black vs. White	-0.0142324	0.0083554	0.1025848	0.0226244	1,643	0.2279662
	Hispanic vs. White	0.0033347	0.0184428	0.8581713	0.0226244	1,602	0.9033383
	Any Non-White vs. White	-0.0096814	0.0071859	0.1916089	0.0226244	1,767	0.3449157
East Providence	Black vs. White	0.0082515	0.0064452	0.2057359	0.0470566	4,590	0.3740653
	Hispanic vs. White	-0.0064123	0.0070002	0.3636566	0.0470566	4,127	0.4545708
	Any Non-White vs. White	0.0032212	0.0052844	0.5445725	0.0470566	5,327	0.6223686
Foster	Black vs. White	0	0		0	174	
	Hispanic vs. White	0	0		0	170	
	Any Non-White vs. White	0	0		0	190	
Glocester	Black vs. White	0.0004725	0.0065602	0.9436738	0.0052122	2,563	0.9436738
	Hispanic vs. White	-0.0033401	0.0020022	0.1191625	0.0052122	2,497	0.2914616
	Any Non-White vs. White	-0.0011998	0.0043647	0.7877283	0.0052122	2,683	0.8291877
Hopkinton	Black vs. White	0.0205121	0.0132578	0.1500932	0.0219957	1,728	0.3001864
	Hispanic vs. White	0.0253039	0.0182156	0.1922719	0.0219957	1,693	0.2958029
	Any Non-White vs. White	0.0112909	0.0095267	0.260916	0.0219957	1,863	0.4014093
Jamestown	Black vs. White	0.009038	0.0145381	0.5457819	0.03698	1,811	0.7234833
	Hispanic vs. White	0.0126131	0.0062591	0.0650486	0.03698	1,777	0.2365405
	Any Non-White vs. White	0.0128428	0.0117893	0.295776	0.03698	1,947	0.4079669
Johnston	Black vs. White	0.0156504	0.0071077	0.0328395	0.0150227	4,151	0.1641977
	Hispanic vs. White	0.0227402	0.0070415	0.002319	0.0150227	4,394	0.0231896
	Any Non-White vs. White	0.0181005	0.0058302	0.003224	0.0150227	5,054	0.0214933
Lincoln	Black vs. White	0.008833	0.0197313	0.6582502	0.0261283	677	0.7522859
	Hispanic vs. White	0.0302679	0.0173098	0.0926304	0.0261283	708	0.2646584
	Any Non-White vs. White	0.0176857	0.0164126	0.2915148	0.0261283	840	0.4079669
Little Compton	Black vs. White	-0.0052918	0.0171097	0.7641436	0.0487365	1,040	0.8261012
	Hispanic vs. White	0.0441693	0.0183033	0.039044	0.0487365	1,058	0.156176
	Any Non-White vs. White	0.0270088	0.0070901	0.0041571	0.0487365	1,106	0.0237547
Middletown	Black vs. White	-0.0010139	0.0022648	0.6573282	0.0039281	4,311	0.7522859
	Hispanic vs. White	0.0006577	0.0024813	0.7926032	0.0039281	3,794	0.8568683
	Any Non-White vs. White	-0.0005234	0.0017553	0.7674339	0.0039281	4,836	0.8291877

Table F.6: Analysis of Decision to Arrest by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Narragansett	Black vs. White	0.0662444	0.010878	4.29E-07	0.0461116	6,467	0.0000171
	Hispanic vs. White	0.0288026	0.0155605	0.0719531	0.0461116	6,311	0.2398438
	Any Non-White vs. White	0.0426949	0.0063549	5.93E-08	0.0461116	6,915	2.37E-06
Newport	Black vs. White	0.0089418	0.0048477	0.0711537	0.0109866	4,048	0.2032963
	Hispanic vs. White	0.0088889	0.0056943	0.1250889	0.0109866	3,617	0.2914616
	Any Non-White vs. White	0.006859	0.0036796	0.0683115	0.0109866	4,545	0.1951757
North Kingstown	Black vs. White	0.0070153	0.0134554	0.6048439	0.0383893	3,452	0.7522859
	Hispanic vs. White	0.0263303	0.014938	0.0852389	0.0383893	3,310	0.2622736
	Any Non-White vs. White	0.0153058	0.0107413	0.1615587	0.0383893	3,718	0.3390464
North Providence	Black vs. White	-0.0030285	0.0073788	0.6839266	0.0296142	3,731	0.7599185
	Hispanic vs. White	-0.0093356	0.0065006	0.1598475	0.0296142	3,545	0.2914616
	Any Non-White vs. White	-0.0058093	0.0058696	0.3289146	0.0296142	4,792	0.4385528
North Smithfield	Black vs. White	0.0554692	0.0117123	0.0000739	0.0781145	3,369	0.0014772
	Hispanic vs. White	0.0592245	0.0102694	6.06E-06	0.0781145	3,599	0.0001211
	Any Non-White vs. White	0.0523868	0.0106334	0.0000451	0.0781145	4,453	0.0006009
Pawtucket	Black vs. White	0.0079653	0.0039189	0.0448903	0.0297554	8,494	0.1995126
	Hispanic vs. White	0.0064287	0.0044428	0.1512942	0.0297554	7,305	0.2914616
	Any Non-White vs. White	0.0056697	0.0032975	0.0887651	0.0297554	10,947	0.222721
Portsmouth	Black vs. White	0.0273271	0.0093085	0.0063314	0.0437923	8,056	0.0361796
	Hispanic vs. White	0.0388153	0.0127668	0.0048686	0.0437923	7,368	0.0278961
	Any Non-White vs. White	0.0259872	0.0076876	0.0020252	0.0437923	8,854	0.0162018
Providence	Black vs. White	0.0289464	0.008218	0.001826	0.0746269	3,921	0.0182599
	Hispanic vs. White	0.0131941	0.0089872	0.1556211	0.0746269	4,190	0.2914808
	Any Non-White vs. White	0.0223929	0.0077286	0.0081208	0.0746269	6,096	0.0406039
Richmond	Black vs. White	-0.0118057	0.0064182	0.0956883	0.0197216	820	0.2279662
	Hispanic vs. White	0.0140188	0.015716	0.3933463	0.0197216	792	0.4767834
	Any Non-White vs. White	-0.0149105	0.0073748	0.0682026	0.0197216	861	0.1951757
RISP Hope Valley	Black vs. White	-0.0033674	0.0034645	0.3333797	0.0122661	7,861	0.5334074
	Hispanic vs. White	-0.0049311	0.0033374	0.1426179	0.0122661	7,364	0.2914616
	Any Non-White vs. White	-0.0038873	0.0028767	0.1795283	0.0122661	9,607	0.3419587
RISP Lincoln	Black vs. White	0.0024289	0.0035846	0.4992169	0.033918	16,624	0.713167
	Hispanic vs. White	0.0087491	0.0039541	0.0286254	0.033918	15,364	0.127224
	Any Non-White vs. White	0.0054112	0.0031595	0.0890884	0.033918	21,482	0.222721
RISP Portsmouth	Black vs. White	0.0027116	0.0119422	0.8216637	0.0079051	652	0.8649092
	Hispanic vs. White	0.025425	0.0177541	0.1612568	0.0079051	630	0.2914616
	Any Non-White vs. White	0.0123032	0.010018	0.227161	0.0079051	742	0.3634577
RISP Scituate	Black vs. White	0.0144948	0.0085385	0.092761	0.016954	5,640	0.2279662
	Hispanic vs. White	0.0039102	0.005209	0.4546943	0.016954	5,492	0.5349345
	Any Non-White vs. White	0.0083176	0.0059194	0.1629311	0.016954	6,948	0.3390464
RISP Wickford	Black vs. White	-0.0025169	0.0031231	0.4220439	0.0182859	9,128	0.6252503
	Hispanic vs. White	0.0001474	0.0026945	0.956475	0.0182859	8,714	0.9806816
	Any Non-White vs. White	-0.0016071	0.0023143	0.4888542	0.0182859	10,815	0.5920492
Scituate	Black vs. White	0.0208378	0.0317359	0.524937	0.0221698	1,948	0.7234833
	Hispanic vs. White	0.0148547	0.0126919	0.2665688	0.0221698	1,968	0.3732933
	Any Non-White vs. White	0.0195633	0.0176085	0.290256	0.0221698	2,118	0.4079669
Smithfield	Black vs. White	0.0228656	0.0120665	0.0663811	0.0236782	3,992	0.2032963
	Hispanic vs. White	0.01721	0.0125111	0.1776922	0.0236782	3,842	0.2914616
	Any Non-White vs. White	0.0171904	0.0122555	0.1695232	0.0236782	4,347	0.3390464
South Kingstown	Black vs. White	0.0251864	0.0087341	0.0061166	0.0449558	5,297	0.0361796
	Hispanic vs. White	0.0095871	0.0104087	0.3621534	0.0449558	4,982	0.4545708
	Any Non-White vs. White	0.0163786	0.006782	0.0200595	0.0449558	5,649	0.0802381
Tiverton	Black vs. White	0.0250601	0.0199544	0.2207747	0.1011016	3,812	0.3839559
	Hispanic vs. White	0.018533	0.0135052	0.1821635	0.1011016	3,492	0.2914616
	Any Non-White vs. White	0.0198872	0.0155512	0.2127022	0.1011016	4,084	0.3545036

Table F.6: Analysis of Decision to Arrest by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Warwick	Black vs. White	0.0091492	0.0071475	0.2031291	0.0517989	11,826	0.3740653
	Hispanic vs. White	0.0257348	0.0088988	0.0045865	0.0517989	11,412	0.0278961
	Any Non-White vs. White	0.0131436	0.0050334	0.010234	0.0517989	13,142	0.0454844
West Greenwich	Black vs. White	-0.0197787	0.039036	0.6233641	0.0516529	436	0.7522859
	Hispanic vs. White	0.0550263	0.0471889	0.2706377	0.0516529	443	0.3732933
	Any Non-White vs. White	0.015551	0.0311768	0.6287088	0.0516529	484	0.6985653
West Warwick	Black vs. White	0.0574627	0.030022	0.0655329	0.0655738	1,239	0.2032963
	Hispanic vs. White	0.0350449	0.0254686	0.1801266	0.0655738	1,192	0.2914616
	Any Non-White vs. White	0.0324357	0.0200568	0.116665	0.0655738	1,339	0.274506
Westerly	Black vs. White	0.0149746	0.009571	0.1245357	0.0117943	5,930	0.2621804
	Hispanic vs. White	0.0037601	0.0067293	0.5790323	0.0117943	5,767	0.6433692
	Any Non-White vs. White	0.0090302	0.006921	0.1983265	0.0117943	6,349	0.3449157
Woonsocket	Black vs. White	0.036146	0.011859	0.0034445	0.1233833	2,813	0.0275563
	Hispanic vs. White	0.0360432	0.0123383	0.0048818	0.1233833	3,046	0.0278961
	Any Non-White vs. White	0.0334849	0.0088342	0.000347	0.1233833	3,859	0.0034703

Table F.7: Analysis of Decision to Arrest by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.020685	0.0125751	0.1051292	0.0213755	6,007	0.1873831
	Hispanic vs. White	0.0371435	0.0112217	0.0015698	0.0213755	5,828	0.0071513
	Any Non-White vs. White	0.0212277	0.0086496	0.01699	0.0213755	6,448	0.0417107
Bristol	Black vs. White	0.0003421	0.0022122	0.8774567	0.0033233	9,591	0.8774567
	Hispanic vs. White	-0.0039301	0.0012748	0.0027296	0.0033233	9,350	0.009326
	Any Non-White vs. White	-0.000888	0.001435	0.5376028	0.0033233	9,923	0.6122698
Burrillville	Black vs. White	0.0094153	0.009947	0.3473746	0.0333056	11,517	0.4594309
	Hispanic vs. White	0.0134525	0.0117457	0.2562802	0.0333056	11,536	0.3389513
	Any Non-White vs. White	0.0101313	0.0073051	0.1700093	0.0333056	12,036	0.232346
Central Falls	Black vs. White	0.0067145	0.0041303	0.1074425	0.0268644	6,614	0.1873831
	Hispanic vs. White	0.0105296	0.0033916	0.0025177	0.0268644	9,529	0.009326
	Any Non-White vs. White	0.0090281	0.0030191	0.0035494	0.0268644	11,795	0.0111944
Charlestown	Black vs. White	0.016605	0.0081692	0.0478845	0.0281672	7,308	0.1154861
	Hispanic vs. White	0.0258708	0.0157975	0.1083169	0.0281672	7,145	0.1708075
	Any Non-White vs. White	0.0141751	0.0057396	0.0172947	0.0281672	7,695	0.0417107
Coventry	Black vs. White	-0.0081844	0.0048244	0.0923897	0.014663	11,810	0.1803799
	Hispanic vs. White	0.020495	0.0100428	0.0434872	0.014663	11,595	0.081371
	Any Non-White vs. White	0.0032762	0.004583	0.4760783	0.014663	12,339	0.5576918
Cranston	Black vs. White	0.007811	0.0016263	2.59E-06	0.0151086	57,292	0.0000212
	Hispanic vs. White	0.0050153	0.0012412	0.0000694	0.0151086	61,403	0.0004745
	Any Non-White vs. White	0.005473	0.0011064	1.32E-06	0.0151086	74,504	0.0000108
Cumberland	Black vs. White	0.0446092	0.0081565	2.64E-07	0.067945	13,192	4.12E-06
	Hispanic vs. White	0.0522728	0.0074842	1.92E-10	0.067945	13,783	7.86E-09
	Any Non-White vs. White	0.0447633	0.0060075	1.74E-11	0.067945	15,642	7.12E-10
East Greenwich	Black vs. White	-0.0072378	0.0082873	0.385253	0.0191066	3,626	0.4936054
	Hispanic vs. White	0.0009358	0.0104461	0.9288549	0.0191066	3,561	0.9288549
	Any Non-White vs. White	-0.003157	0.0062308	0.6138517	0.0191066	3,869	0.680214
East Providence	Black vs. White	0.0097243	0.0033887	0.0046139	0.0422736	19,180	0.0145515
	Hispanic vs. White	-0.0012906	0.0035955	0.7200662	0.0422736	16,885	0.7769136
	Any Non-White vs. White	0.0049944	0.0027073	0.0667142	0.0422736	21,746	0.1197005
Foster	Black vs. White	0.0079133	0.0092666	0.4037651	0.0135747	1,379	0.4962797
	Hispanic vs. White	-0.0056656	0.0137531	0.6852415	0.0135747	1,362	0.7593217
	Any Non-White vs. White	0.0031526	0.0038396	0.421785	0.0135747	1,541	0.5240359
Glocester	Black vs. White	-0.0015059	0.0031887	0.6393617	0.0064801	6,464	0.6721495
	Hispanic vs. White	0.0012512	0.0053468	0.8161672	0.0064801	6,365	0.858022
	Any Non-White vs. White	-0.0001395	0.002717	0.9593055	0.0064801	6,784	0.9593055
Hopkinton	Black vs. White	0.0207794	0.0135326	0.1329463	0.0311033	4,708	0.2180319
	Hispanic vs. White	0.0157376	0.0102413	0.1328809	0.0311033	4,623	0.2016406
	Any Non-White vs. White	0.0083914	0.0082169	0.3135988	0.0311033	5,108	0.4147596
Jamestown	Black vs. White	0.0108243	0.0077627	0.1717432	0.0424908	5,087	0.2607951
	Hispanic vs. White	0.0221681	0.0101179	0.0346566	0.0424908	4,979	0.081371
	Any Non-White vs. White	0.0129167	0.0062883	0.0468956	0.0424908	5,457	0.091558
Johnston	Black vs. White	0.0138862	0.0043604	0.0017676	0.0157614	14,145	0.0067041
	Hispanic vs. White	0.0129507	0.0033143	0.0001418	0.0157614	14,981	0.0008307
	Any Non-White vs. White	0.0114641	0.0028646	0.0000984	0.0157614	17,053	0.0004034
Lincoln	Black vs. White	0.0172779	0.0106766	0.1096877	0.029168	2,458	0.1873831
	Hispanic vs. White	0.014399	0.0083637	0.0891546	0.029168	2,569	0.1523057
	Any Non-White vs. White	0.0149384	0.0073575	0.0457726	0.029168	3,009	0.091558
Little Compton	Black vs. White	0.042381	0.0298241	0.1676623	0.0415904	3,593	0.2607951
	Hispanic vs. White	0.0649812	0.0204317	0.0038986	0.0415904	3,643	0.0122955
	Any Non-White vs. White	0.0528659	0.0196099	0.0123757	0.0415904	3,818	0.0362431
Middletown	Black vs. White	0.0018107	0.0017633	0.3070121	0.0045374	11,132	0.4195832
	Hispanic vs. White	0.0029701	0.0028888	0.3064426	0.0045374	10,078	0.3926296
	Any Non-White vs. White	0.0021238	0.0014926	0.1579799	0.0045374	12,336	0.2242338
Narragansett	Black vs. White	0.0522395	0.0068261	7.44E-12	0.0556148	17,613	3.05E-10
	Hispanic vs. White	0.0229392	0.0087427	0.0099071	0.0556148	17,138	0.0270793
	Any Non-White vs. White	0.0330865	0.0047813	2.97E-10	0.0556148	18,740	4.06E-09

Table F.7: Analysis of Decision to Arrest by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Newport	Black vs. White	0.0063673	0.0034424	0.0661845	0.0094609	14,252	0.1428192
	Hispanic vs. White	0.0075527	0.0040374	0.0632528	0.0094609	12,832	0.112755
	Any Non-White vs. White	0.0051313	0.0028109	0.0697614	0.0094609	15,736	0.1197005
North Kingstown	Black vs. White	0.0129873	0.0067413	0.0562363	0.033063	11,859	0.1280938
	Hispanic vs. White	0.0156827	0.0073211	0.0340616	0.033063	11,582	0.081371
	Any Non-White vs. White	0.0127919	0.0051164	0.013658	0.033063	12,813	0.037332
North Providence	Black vs. White	0.0037121	0.0047518	0.4361997	0.0286873	10,639	0.5109767
	Hispanic vs. White	-0.0064021	0.0042844	0.1377058	0.0286873	9,943	0.2016406
	Any Non-White vs. White	-0.0006125	0.0035072	0.8616546	0.0286873	13,310	0.9058421
North Smithfield	Black vs. White	0.0495729	0.0089761	4.13E-07	0.084365	10,548	4.23E-06
	Hispanic vs. White	0.0401135	0.0084773	9.74E-06	0.084365	10,488	0.0000799
	Any Non-White vs. White	0.037207	0.0075539	4.53E-06	0.084365	13,081	0.000031
Pawtucket	Black vs. White	0.0060918	0.0025116	0.0159649	0.0322007	22,893	0.0436374
	Hispanic vs. White	0.0045214	0.0026942	0.0945577	0.0322007	20,476	0.1550746
	Any Non-White vs. White	0.0047104	0.0021572	0.0298693	0.0322007	29,233	0.0644548
Portsmouth	Black vs. White	0.0295207	0.0066025	0.0000209	0.0359301	24,640	0.0001431
	Hispanic vs. White	0.0360141	0.0077124	9.60E-06	0.0359301	22,797	0.0000799
	Any Non-White vs. White	0.02788	0.0051386	4.17E-07	0.0359301	26,958	4.28E-06
Providence	Black vs. White	0.0254089	0.0066347	0.000274	0.0790509	15,379	0.0016046
	Hispanic vs. White	0.011794	0.0057333	0.0433487	0.0790509	15,926	0.081371
	Any Non-White vs. White	0.0188981	0.0055862	0.00117	0.0790509	23,633	0.0043609
Richmond	Black vs. White	-0.0013985	0.0076412	0.8559771	0.0201174	3,385	0.8773766
	Hispanic vs. White	0.0073487	0.010185	0.4759936	0.0201174	3,291	0.5575925
	Any Non-White vs. White	-0.0044418	0.0058369	0.4522416	0.0201174	3,574	0.5453501
RISP Hope Valley	Black vs. White	-0.0015083	0.0018343	0.411549	0.0143568	21,524	0.4962797
	Hispanic vs. White	0.0005031	0.0031104	0.871613	0.0143568	20,410	0.8934034
	Any Non-White vs. White	-0.0005008	0.0019166	0.7940319	0.0143568	26,280	0.8567186
RISP Lincoln	Black vs. White	0.0074053	0.0023572	0.0017987	0.0361012	41,013	0.0067041
	Hispanic vs. White	0.0091058	0.002453	0.0002328	0.0361012	39,083	0.001193
	Any Non-White vs. White	0.0078751	0.0019609	0.0000698	0.0361012	53,221	0.0003578
RISP Portsmouth	Black vs. White	0.0082398	0.0078968	0.2990143	0.0083992	1,783	0.4195832
	Hispanic vs. White	0.0129799	0.0110869	0.2443042	0.0083992	1,691	0.3389513
	Any Non-White vs. White	0.0108898	0.0066742	0.1055161	0.0083992	1,974	0.1663908
RISP Scituate	Black vs. White	0.0094182	0.0042258	0.026652	0.0173327	14,890	0.0682958
	Hispanic vs. White	0.0030187	0.0032046	0.3470382	0.0173327	14,787	0.4311687
	Any Non-White vs. White	0.0055156	0.0030335	0.0700686	0.0173327	18,054	0.1197005
RISP Wickford	Black vs. White	0.0012447	0.0019905	0.5321798	0.0203036	26,977	0.6019044
	Hispanic vs. White	0.0025683	0.0022445	0.253309	0.0203036	26,216	0.3389513
	Any Non-White vs. White	0.0015504	0.0016755	0.3554493	0.0203036	31,771	0.4554195
Scituate	Black vs. White	0.0105814	0.0210182	0.6174865	0.0255172	4,070	0.6662354
	Hispanic vs. White	0.0364795	0.0175107	0.0436625	0.0255172	4,081	0.081371
	Any Non-White vs. White	0.0233529	0.0132367	0.0853248	0.0255172	4,345	0.1399327
Smithfield	Black vs. White	0.0117477	0.0064652	0.0720588	0.0207765	10,420	0.1477205
	Hispanic vs. White	0.0191855	0.0067221	0.0052006	0.0207765	10,195	0.0152303
	Any Non-White vs. White	0.0135756	0.0059935	0.025561	0.0207765	11,349	0.0582223
South Kingstown	Black vs. White	0.0254396	0.0074192	0.0007994	0.0382295	15,749	0.004097
	Hispanic vs. White	0.0131625	0.0062964	0.0384239	0.0382295	14,912	0.081371
	Any Non-White vs. White	0.016093	0.0050809	0.0018941	0.0382295	16,734	0.0064716
Tiverton	Black vs. White	0.015798	0.0118102	0.1855313	0.0908244	9,061	0.2716708
	Hispanic vs. White	0.0219442	0.0104165	0.0388936	0.0908244	8,518	0.081371
	Any Non-White vs. White	0.0131191	0.009202	0.1586044	0.0908244	9,653	0.2242338
Warwick	Black vs. White	0.0132798	0.0046378	0.0044625	0.0460411	37,640	0.0145515
	Hispanic vs. White	0.0209891	0.0042705	1.41E-06	0.0460411	36,714	0.0000192
	Any Non-White vs. White	0.0132462	0.0031119	0.0000271	0.0460411	41,744	0.0001589
West Greenwich	Black vs. White	-0.009887	0.016076	0.543182	0.0314996	2,125	0.6019044
	Hispanic vs. White	0.0142465	0.0228507	0.5376948	0.0314996	2,131	0.6123746
	Any Non-White vs. White	0.0017428	0.0135497	0.8985168	0.0314996	2,254	0.9209797

Table F.7: Analysis of Decision to Arrest by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
West Warwick	Black vs. White	0.0363239	0.010693	0.0009858	0.0686716	11,715	0.0044908
	Hispanic vs. White	0.0318695	0.0103345	0.002676	0.0686716	11,440	0.009326
	Any Non-White vs. White	0.0273848	0.0066782	0.0000851	0.0686716	12,650	0.0003878
Westerly	Black vs. White	0.0120915	0.004798	0.0125876	0.0139259	18,279	0.0368637
	Hispanic vs. White	0.0033749	0.0041999	0.4226799	0.0139259	17,676	0.5097022
	Any Non-White vs. White	0.005245	0.003327	0.1166158	0.0139259	19,511	0.1770832
Woonsocket	Black vs. White	0.0383955	0.0072524	3.02E-07	0.1049448	9,913	4.12E-06
	Hispanic vs. White	0.0425525	0.0069854	5.03E-09	0.1049448	10,674	1.03E-07
	Any Non-White vs. White	0.037107	0.0056156	2.83E-10	0.1049448	13,202	4.06E-09

Table F.8: Analysis of Warnings by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	-0.0019066	0.0220922	0.9322361	0.7645727	1,628	0.9735265
	Hispanic vs. White	-0.0044459	0.0433738	0.9195577	0.7645727	1,573	0.9506766
	Any Non-White vs. White	-0.0051582	0.015116	0.7371033	0.7645727	1,763	0.755531
Bristol	Black vs. White	0.0998651	0.0483427	0.0475809	0.7074236	1,543	0.1773468
	Hispanic vs. White	-0.1109516	0.064017	0.0936904	0.7074236	1,507	0.2676646
	Any Non-White vs. White	0.0344509	0.0400063	0.3959925	0.7074236	1,600	0.5237321
Burrillville	Black vs. White	-0.0636171	0.050439	0.2242466	0.744938	2,909	0.4619448
	Hispanic vs. White	-0.096455	0.042939	0.0374704	0.744938	2,924	0.1920356
	Any Non-White vs. White	-0.0712753	0.0360216	0.0625332	0.744938	3,061	0.2200752
Central Falls	Black vs. White	-0.0663218	0.026053	0.0169296	0.5869646	1,562	0.1156856
	Hispanic vs. White	-0.0283776	0.0318129	0.3797277	0.5869646	2,112	0.5766235
	Any Non-White vs. White	-0.0363097	0.0252477	0.1610988	0.5869646	2,682	0.3248999
Charlestown	Black vs. White	0.0213906	0.0341169	0.5400992	0.8748215	2,007	0.7447232
	Hispanic vs. White	-0.0186604	0.0247004	0.4616676	0.8748215	1,958	0.6323259
	Any Non-White vs. White	0.0227393	0.0234093	0.3467636	0.8748215	2,099	0.490853
Coventry	Black vs. White	-0.0148197	0.0375955	0.6955897	0.7394068	3,583	0.8387993
	Hispanic vs. White	-0.0017146	0.027536	0.9506766	0.7394068	3,549	0.9506766
	Any Non-White vs. White	0.0091216	0.0246038	0.7128364	0.7394068	3,775	0.755531
Cranston	Black vs. White	0.0049004	0.0061546	0.4280464	0.8690956	19,223	0.7019961
	Hispanic vs. White	0.003318	0.0074143	0.6556172	0.8690956	20,760	0.7264947
	Any Non-White vs. White	0.0017307	0.0062275	0.7817222	0.8690956	25,075	0.7817222
Cumberland	Black vs. White	0.034857	0.0201949	0.0918709	0.6389073	4,987	0.2511138
	Hispanic vs. White	0.0435637	0.0247254	0.0857273	0.6389073	5,258	0.2676646
	Any Non-White vs. White	0.0287431	0.0178847	0.115701	0.6389073	6,040	0.2826562
East Greenwich	Black vs. White	0.0718089	0.0365428	0.0621584	0.7528935	1,606	0.2123744
	Hispanic vs. White	0.0445606	0.0577371	0.4484542	0.7528935	1,563	0.6323259
	Any Non-White vs. White	0.0556631	0.0387491	0.1649291	0.7528935	1,727	0.3248999
East Providence	Black vs. White	0.0081752	0.0134202	0.5449194	0.7367696	4,368	0.7447232
	Hispanic vs. White	0.0126881	0.0202693	0.5339673	0.7367696	3,945	0.6634139
	Any Non-White vs. White	0.0060945	0.0132999	0.6485537	0.7367696	5,075	0.7186676
Foster	Black vs. White	-0.1601648	0.0594938	0.0431887	0.3489583	174	0.1770738
	Hispanic vs. White	-0.0113221	0.0194256	0.5852935	0.3489583	170	0.6856295
	Any Non-White vs. White	-0.0724161	0.0385382	0.1190185	0.3489583	190	0.2826562
Glocester	Black vs. White	-0.0842122	0.0591994	0.1784255	0.5576347	2,549	0.4064136
	Hispanic vs. White	-0.2212919	0.0360439	0.0000355	0.5576347	2,485	0.0007272
	Any Non-White vs. White	-0.1240083	0.0326905	0.0022352	0.5576347	2,669	0.0229107
Hopkinton	Black vs. White	-0.093568	0.0624339	0.162097	0.5792649	1,691	0.3909398
	Hispanic vs. White	-0.0494301	0.0346694	0.1816943	0.5792649	1,658	0.3920771
	Any Non-White vs. White	-0.0684865	0.0334357	0.0651656	0.5792649	1,822	0.2200752
Jamestown	Black vs. White	-0.0043384	0.0432682	0.9217873	0.5856	1,745	0.9735265
	Hispanic vs. White	-0.10453	0.0691112	0.1543338	0.5856	1,717	0.3722168
	Any Non-White vs. White	-0.0109701	0.0319679	0.7369642	0.5856	1,875	0.755531
Johnston	Black vs. White	0.0519741	0.0225767	0.0260104	0.2263697	4,105	0.1333033
	Hispanic vs. White	0.0159897	0.0142296	0.2671021	0.2263697	4,335	0.4562994
	Any Non-White vs. White	0.0238917	0.0140851	0.0964555	0.2263697	4,978	0.2662595
Lincoln	Black vs. White	-0.0402848	0.0377974	0.296696	0.5390244	662	0.5529334
	Hispanic vs. White	-0.172794	0.0323265	0.0000153	0.5390244	689	0.000627
	Any Non-White vs. White	-0.1187195	0.0264362	0.0001395	0.5390244	818	0.0028593
Little Compton	Black vs. White	-0.0414847	0.0590031	0.499779	0.8187856	993	0.7447232
	Hispanic vs. White	-0.0278185	0.0590644	0.648858	0.8187856	1,006	0.7264947
	Any Non-White vs. White	-0.0217228	0.0428524	0.6243964	0.8187856	1,052	0.7186676
Middletown	Black vs. White	0.0052379	0.0123253	0.6736153	0.7332918	4,295	0.8387993
	Hispanic vs. White	0.0119269	0.0207542	0.5694104	0.7332918	3,779	0.6856295
	Any Non-White vs. White	0.0091653	0.0083043	0.2777176	0.7332918	4,817	0.490853

Table F.8: Analysis of Warnings by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Narragansett	Black vs. White	0.0442605	0.0239902	0.0728506	0.7439006	6,171	0.2297596
	Hispanic vs. White	0.0324365	0.0186629	0.0903061	0.7439006	6,054	0.2676646
	Any Non-White vs. White	0.0281225	0.0150714	0.0697799	0.7439006	6,596	0.2200752
Newport	Black vs. White	-0.0206429	0.0209206	0.3286251	0.8451455	4,003	0.5858099
	Hispanic vs. White	-0.065146	0.0197583	0.0018433	0.8451455	3,586	0.0125958
	Any Non-White vs. White	-0.0304383	0.0158933	0.0613172	0.8451455	4,495	0.2200752
North Kingstown	Black vs. White	0.0661672	0.0242662	0.0092928	0.6085985	3,326	0.0762011
	Hispanic vs. White	-0.0595464	0.0218315	0.0092732	0.6085985	3,190	0.0543145
	Any Non-White vs. White	0.0207851	0.0218626	0.3471887	0.6085985	3,575	0.490853
North Providence	Black vs. White	0.0136679	0.0209061	0.5174086	0.4111326	3,615	0.7447232
	Hispanic vs. White	-0.0450152	0.023375	0.0622853	0.4111326	3,443	0.2553698
	Any Non-White vs. White	-0.0195859	0.0200479	0.3351092	0.4111326	4,650	0.490853
North Smithfield	Black vs. White	0.0101272	0.0278704	0.7193856	0.5950816	3,138	0.8427088
	Hispanic vs. White	-0.0302238	0.0261633	0.2593824	0.5950816	3,340	0.4562994
	Any Non-White vs. White	-0.0191812	0.0248648	0.4476886	0.5950816	4,105	0.573601
Pawtucket	Black vs. White	0.0412171	0.013925	0.0038941	0.5912512	8,241	0.0532192
	Hispanic vs. White	0.0105269	0.0157635	0.5059524	0.5912512	7,090	0.6482515
	Any Non-White vs. White	0.0274101	0.0136883	0.0480873	0.5912512	10,622	0.2190642
Portsmouth	Black vs. White	0.0056223	0.0103547	0.5911648	0.8833805	7,715	0.7818632
	Hispanic vs. White	-0.0028079	0.0129294	0.8295426	0.8833805	7,076	0.8950328
	Any Non-White vs. White	0.0048039	0.0088932	0.5930607	0.8833805	8,467	0.7151614
Providence	Black vs. White	0.2001766	0.0303037	9.70E-07	0.6212336	3,617	0.0000398
	Hispanic vs. White	0.1112164	0.0260814	0.0002915	0.6212336	3,915	0.0039833
	Any Non-White vs. White	0.1359128	0.0246977	0.0000135	0.6212336	5,641	0.000554
Richmond	Black vs. White	-0.0656081	0.0507711	0.2253389	0.5526627	803	0.4619448
	Hispanic vs. White	0.0927993	0.0822544	0.2855759	0.5526627	775	0.4683444
	Any Non-White vs. White	-0.0311944	0.0491611	0.5387052	0.5526627	844	0.6693004
RISP Hope Valley	Black vs. White	-0.0399058	0.018945	0.0376479	0.3521364	7,761	0.1715069
	Hispanic vs. White	-0.0262758	0.020411	0.2009482	0.3521364	7,271	0.4119437
	Any Non-White vs. White	-0.0378206	0.0182418	0.0406411	0.3521364	9,489	0.2082858
RISP Lincoln	Black vs. White	-0.0044724	0.011085	0.687277	0.3783953	16,085	0.8387993
	Hispanic vs. White	-0.0198128	0.0105121	0.0616778	0.3783953	14,855	0.2553698
	Any Non-White vs. White	-0.0098819	0.009708	0.3105947	0.3783953	20,752	0.490853
RISP Portsmouth	Black vs. White	0.036245	0.0341858	0.2960997	0.1726428	649	0.5529334
	Hispanic vs. White	0.0379372	0.0331323	0.2601962	0.1726428	626	0.4562994
	Any Non-White vs. White	0.0301826	0.0177483	0.097412	0.1726428	736	0.2662595
RISP Scituate	Black vs. White	0.0022002	0.0348443	0.949782	0.4190295	5,538	0.9735265
	Hispanic vs. White	-0.0299982	0.030501	0.3278511	0.4190295	5,414	0.516996
	Any Non-White vs. White	-0.0134069	0.0287468	0.6419387	0.4190295	6,827	0.7186676
RISP Wickford	Black vs. White	-0.0209074	0.0140588	0.1398398	0.2768579	8,962	0.3583394
	Hispanic vs. White	-0.0342352	0.0103751	0.0013015	0.2768579	8,554	0.010672
	Any Non-White vs. White	-0.0265427	0.0109511	0.0169479	0.2768579	10,617	0.1158107
Scituate	Black vs. White	0.0012384	0.0716939	0.9865274	0.4081042	1,908	0.9865274
	Hispanic vs. White	-0.1073597	0.0732003	0.1704676	0.4081042	1,926	0.3882873
	Any Non-White vs. White	-0.0762534	0.0715004	0.3090569	0.4081042	2,071	0.490853
Smithfield	Black vs. White	-0.0679958	0.0246055	0.0090575	0.4068754	3,901	0.0762011
	Hispanic vs. White	-0.0858547	0.0227402	0.0005946	0.4068754	3,761	0.0060946
	Any Non-White vs. White	-0.0835949	0.0204637	0.0002439	0.4068754	4,245	0.003334
South Kingstown	Black vs. White	0.0315334	0.018011	0.0872853	0.6612306	5,059	0.2511138
	Hispanic vs. White	-0.0262859	0.0354625	0.4626775	0.6612306	4,781	0.6323259
	Any Non-White vs. White	0.0245688	0.0156564	0.124093	0.6612306	5,394	0.2826562
Tiverton	Black vs. White	0.0170068	0.0254152	0.5095288	0.7320262	3,431	0.7447232
	Hispanic vs. White	0.0432595	0.0238871	0.0821745	0.7320262	3,191	0.2676646
	Any Non-White vs. White	0.0207277	0.0210883	0.3350748	0.7320262	3,671	0.490853

Table F.8: Analysis of Warnings by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Warwick	Black vs. White	0.074084	0.0165655	0.0000184	0.6471202	11,250	0.0003772
	Hispanic vs. White	0.0013024	0.0203478	0.9490758	0.6471202	10,847	0.9506766
	Any Non-White vs. White	0.0381183	0.0145667	0.0100783	0.6471202	12,461	0.0826422
West Greenwich	Black vs. White	0.0218582	0.0683789	0.7558023	0.751634	420	0.8607749
	Hispanic vs. White	0.0517669	0.0283609	0.0979261	0.751634	419	0.2676646
	Any Non-White vs. White	0.0752631	0.0272314	0.0199978	0.751634	459	0.11713
West Warwick	Black vs. White	0.0415504	0.0171305	0.0217407	0.6738437	1,156	0.1273385
	Hispanic vs. White	0.0717235	0.0481865	0.1482189	0.6738437	1,118	0.3722168
	Any Non-White vs. White	0.0409425	0.0288428	0.1664121	0.6738437	1,251	0.3248999
Westerly	Black vs. White	0.0327362	0.0399689	0.4170786	0.6834819	5,860	0.7019961
	Hispanic vs. White	0.0259541	0.0366976	0.4831446	0.6834819	5,702	0.6389977
	Any Non-White vs. White	0.0270053	0.0303338	0.3780548	0.6834819	6,274	0.5166749
Woonsocket	Black vs. White	-0.0029184	0.0185292	0.8753873	0.5777516	2,480	0.9700237
	Hispanic vs. White	-0.0250962	0.0222778	0.2644336	0.5777516	2,701	0.4562994
	Any Non-White vs. White	-0.0201213	0.017133	0.2448701	0.5777516	3,383	0.4563488

Table F.9: Analysis of Warnings by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0011794	0.0163969	0.9428955	0.6911997	5,890	0.9511857
	Hispanic vs. White	0.0163931	0.0197743	0.4103297	0.6911997	5,713	0.6470584
	Any Non-White vs. White	0.0031096	0.0128414	0.8094716	0.6911997	6,311	0.8172334
Bristol	Black vs. White	-0.066466	0.0217511	0.0029542	0.6711125	9,558	0.016521
	Hispanic vs. White	-0.1043784	0.0371329	0.0060747	0.6711125	9,319	0.0226419
	Any Non-White vs. White	-0.0693604	0.0181717	0.0002477	0.6711125	9,890	0.0012694
Burrillville	Black vs. White	-0.0625837	0.0253968	0.0164269	0.7358021	11,142	0.0561252
	Hispanic vs. White	-0.0599386	0.0192814	0.002804	0.7358021	11,161	0.0114966
	Any Non-White vs. White	-0.0575134	0.0180043	0.0021491	0.7358021	11,636	0.0076546
Central Falls	Black vs. White	-0.0449512	0.0121744	0.0003807	0.4416964	6,454	0.0026017
	Hispanic vs. White	-0.0496222	0.0112082	0.0000262	0.4416964	9,283	0.000215
	Any Non-White vs. White	-0.0451638	0.0095583	8.14E-06	0.4416964	11,477	0.0000834
Charlestown	Black vs. White	-0.0073922	0.0218469	0.7366295	0.8313076	7,106	0.9090308
	Hispanic vs. White	-0.0744334	0.029118	0.0139474	0.8313076	6,952	0.0381228
	Any Non-White vs. White	-0.0259688	0.0179595	0.1549651	0.8313076	7,478	0.3176785
Coventry	Black vs. White	-0.0273387	0.0177706	0.126578	0.7523637	11,646	0.2594849
	Hispanic vs. White	-0.0044272	0.0177868	0.8038663	0.7523637	11,420	0.9616987
	Any Non-White vs. White	-0.0099477	0.0121717	0.4153897	0.7523637	12,158	0.5676992
Cranston	Black vs. White	0.0100208	0.0050656	0.0489208	0.8075776	56,456	0.1253595
	Hispanic vs. White	0.0016714	0.0049115	0.7338905	0.8075776	60,554	0.9616987
	Any Non-White vs. White	0.0047302	0.0044932	0.2933836	0.8075776	73,380	0.4455085
Cumberland	Black vs. White	0.0169283	0.0129311	0.1931262	0.5846934	12,391	0.3442684
	Hispanic vs. White	0.0233724	0.0154643	0.1334585	0.5846934	12,912	0.2605617
	Any Non-White vs. White	0.0121418	0.0114378	0.290666	0.5846934	14,578	0.4455085
East Greenwich	Black vs. White	0.0163698	0.0304377	0.5923194	0.7067649	3,558	0.8673248
	Hispanic vs. White	0.0127345	0.0360283	0.7247493	0.7067649	3,491	0.9616987
	Any Non-White vs. White	0.021375	0.0269172	0.4296401	0.7067649	3,795	0.5682337
East Providence	Black vs. White	0.0012327	0.0078406	0.8752575	0.6886245	18,352	0.9301379
	Hispanic vs. White	-0.0090737	0.0100354	0.3671658	0.6886245	16,223	0.6021519
	Any Non-White vs. White	-0.0019611	0.0064582	0.7617445	0.6886245	20,824	0.8172334
Foster	Black vs. White	0.0543411	0.0460487	0.2525328	0.3374836	1,360	0.4141538
	Hispanic vs. White	0.0072139	0.0304874	0.8156254	0.3374836	1,344	0.9616987
	Any Non-White vs. White	0.0135778	0.0230315	0.5624497	0.3374836	1,520	0.6593604
Glocester	Black vs. White	-0.1030292	0.0328202	0.0032236	0.5294989	6,424	0.016521
	Hispanic vs. White	-0.1894625	0.0245464	1.91E-09	0.5294989	6,324	3.96E-08
	Any Non-White vs. White	-0.1346013	0.0203355	6.39E-08	0.5294989	6,740	8.73E-07
Hopkinton	Black vs. White	-0.0492147	0.0345236	0.1621651	0.5735918	4,561	0.3136041
	Hispanic vs. White	-0.0835417	0.022434	0.0006513	0.5735918	4,487	0.0033379
	Any Non-White vs. White	-0.0593026	0.0180915	0.0022404	0.5735918	4,949	0.0076546
Jamestown	Black vs. White	-0.0087938	0.0278287	0.7538304	0.6579954	4,875	0.9090308
	Hispanic vs. White	-0.0535234	0.0342796	0.1267259	0.6579954	4,777	0.2597881
	Any Non-White vs. White	-0.0207761	0.0205321	0.3179939	0.6579954	5,225	0.465634
Johnston	Black vs. White	0.027775	0.0128415	0.0321876	0.1770449	13,950	0.0942638
	Hispanic vs. White	0.000528	0.0084563	0.9502971	0.1770449	14,769	0.9909328
	Any Non-White vs. White	0.0047024	0.0079141	0.5532989	0.1770449	16,782	0.6593604
Lincoln	Black vs. White	-0.0463264	0.0221908	0.0401375	0.5390918	2,390	0.1097092
	Hispanic vs. White	-0.1049259	0.0256217	0.0001033	0.5390918	2,500	0.0007057
	Any Non-White vs. White	-0.0808075	0.0194429	0.0000831	0.5390918	2,921	0.000487
Little Compton	Black vs. White	-0.0458119	0.0350752	0.203407	0.8067685	3,457	0.347487
	Hispanic vs. White	-0.0298283	0.0305151	0.3376897	0.8067685	3,496	0.5768865
	Any Non-White vs. White	-0.0416024	0.0290784	0.1648979	0.8067685	3,659	0.3219435
Middletown	Black vs. White	0.0270645	0.0118375	0.0244097	0.6750773	11,084	0.0769845
	Hispanic vs. White	0.0180315	0.014766	0.2249883	0.6750773	10,042	0.401066
	Any Non-White vs. White	0.0224313	0.0097018	0.0228887	0.6750773	12,280	0.0670313
Narragansett	Black vs. White	0.0367975	0.0143337	0.0115703	0.7219242	16,640	0.0431258
	Hispanic vs. White	0.011701	0.01472	0.428351	0.7219242	16,260	0.6504589
	Any Non-White vs. White	0.0257962	0.0115692	0.0277598	0.7219242	17,697	0.0758767

Table F.9: Analysis of Warnings by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Newport	Black vs. White	-0.0243067	0.0092034	0.0090737	0.8515385	14,120	0.0372023
	Hispanic vs. White	-0.0371649	0.0103021	0.0004158	0.8515385	12,731	0.0024352
	Any Non-White vs. White	-0.0268686	0.0072352	0.0002808	0.8515385	15,587	0.001279
North Kingstown	Black vs. White	0.04586	0.0166004	0.0065936	0.6406451	11,477	0.0300377
	Hispanic vs. White	-0.03726	0.0206893	0.0740869	0.6406451	11,217	0.1687535
	Any Non-White vs. White	0.0083045	0.0138508	0.5498524	0.6406451	12,389	0.6593604
North Providence	Black vs. White	0.0021157	0.0119027	0.8592175	0.3566569	10,320	0.9301379
	Hispanic vs. White	-0.039095	0.0145873	0.0083863	0.3566569	9,682	0.0286533
	Any Non-White vs. White	-0.0190894	0.0112742	0.0929512	0.3566569	12,928	0.2117222
North Smithfield	Black vs. White	-0.0045019	0.0141913	0.7519037	0.6585712	9,687	0.9090308
	Hispanic vs. White	-0.0360488	0.0146796	0.0162849	0.6585712	9,662	0.04173
	Any Non-White vs. White	-0.022152	0.0126364	0.0834769	0.6585712	11,977	0.2013266
Pawtucket	Black vs. White	0.0468654	0.0088257	2.35E-07	0.5125389	22,161	4.81E-06
	Hispanic vs. White	0.0225445	0.0088609	0.0115511	0.5125389	19,871	0.0338282
	Any Non-White vs. White	0.0349895	0.0080725	0.0000208	0.5125389	28,293	0.0001706
Portsmouth	Black vs. White	0.0126754	0.0073309	0.0869515	0.8823846	23,798	0.2097066
	Hispanic vs. White	0.0005458	0.0089033	0.9512445	0.8823846	22,079	0.9909328
	Any Non-White vs. White	0.0075437	0.0065293	0.2507474	0.8823846	25,990	0.4233904
Providence	Black vs. White	0.1802554	0.0198108	1.54E-13	0.6843024	14,122	6.32E-12
	Hispanic vs. White	0.0939695	0.0137645	2.43E-09	0.6843024	14,760	3.33E-08
	Any Non-White vs. White	0.121341	0.0141477	1.42E-12	0.6843024	21,764	5.84E-11
Richmond	Black vs. White	0.0057461	0.0354445	0.8722677	0.4938694	3,315	0.9301379
	Hispanic vs. White	0.0122379	0.0538643	0.8217608	0.4938694	3,223	0.9616987
	Any Non-White vs. White	-0.0209012	0.0225779	0.3615125	0.4938694	3,501	0.5111038
RISP Hope Valley	Black vs. White	-0.0416302	0.010402	0.0000789	0.4584794	21,208	0.0006472
	Hispanic vs. White	-0.0324793	0.0103365	0.0018444	0.4584794	20,101	0.0084025
	Any Non-White vs. White	-0.0381668	0.0091521	0.0000395	0.4584794	25,902	0.0002701
RISP Lincoln	Black vs. White	-0.004967	0.0066259	0.4539025	0.4317155	39,581	0.7157694
	Hispanic vs. White	-0.0169872	0.0066128	0.0105471	0.4317155	37,744	0.0332638
	Any Non-White vs. White	-0.0103322	0.0058071	0.0759172	0.4317155	51,300	0.1945377
RISP Portsmouth	Black vs. White	-0.0039807	0.0274031	0.8847653	0.247135	1,771	0.9301379
	Hispanic vs. White	0.0065036	0.0255695	0.7997144	0.247135	1,679	0.9616987
	Any Non-White vs. White	-0.0053446	0.0202333	0.7921437	0.247135	1,958	0.8172334
RISP Scituate	Black vs. White	0.0083324	0.0212106	0.6947496	0.5089316	14,630	0.9090308
	Hispanic vs. White	-0.0123176	0.0176527	0.4859208	0.5089316	14,552	0.7115269
	Any Non-White vs. White	-0.0045738	0.016344	0.7798004	0.5089316	17,737	0.8172334
RISP Wickford	Black vs. White	-0.0136961	0.0085982	0.1121075	0.4033236	26,437	0.2419163
	Hispanic vs. White	-0.0372576	0.0078008	2.65E-06	0.4033236	25,691	0.0000272
	Any Non-White vs. White	-0.0235467	0.0069391	0.0007698	0.4033236	31,125	0.0031563
Scituate	Black vs. White	0.0128033	0.0476258	0.7895135	0.3545648	3,975	0.9248586
	Hispanic vs. White	-0.0885441	0.0525451	0.0999549	0.3545648	3,975	0.2156921
	Any Non-White vs. White	-0.0614431	0.0468775	0.19762	0.3545648	4,233	0.3522792
Smithfield	Black vs. White	-0.0774117	0.0167293	0.0000106	0.4002517	10,218	0.0001452
	Hispanic vs. White	-0.1035499	0.0157718	2.02E-09	0.4002517	9,996	3.96E-08
	Any Non-White vs. White	-0.0873454	0.0130095	9.96E-10	0.4002517	11,114	2.04E-08
South Kingstown	Black vs. White	0.0205307	0.0127568	0.1098317	0.6437488	15,148	0.2419163
	Hispanic vs. White	-0.0038495	0.0195783	0.8444183	0.6437488	14,388	0.9616987
	Any Non-White vs. White	0.0170621	0.0107314	0.1141563	0.6437488	16,094	0.2463373
Tiverton	Black vs. White	-0.0052865	0.015958	0.7414873	0.7175077	8,255	0.9090308
	Hispanic vs. White	-0.0319986	0.0232504	0.1733933	0.7175077	7,809	0.323142
	Any Non-White vs. White	-0.0083047	0.014281	0.5628687	0.7175077	8,776	0.6593604
Warwick	Black vs. White	0.039965	0.0093502	0.0000252	0.6669009	35,980	0.0002586
	Hispanic vs. White	-0.0008007	0.0092349	0.9309642	0.6669009	35,109	0.9909328
	Any Non-White vs. White	0.0168913	0.0073115	0.0214987	0.6669009	39,822	0.0670313
West Greenwich	Black vs. White	0.0563181	0.0398889	0.1682754	0.7370591	2,064	0.3136041
	Hispanic vs. White	-0.0068119	0.0311008	0.8281124	0.7370591	2,063	0.9616987
	Any Non-White vs. White	0.0312111	0.0270782	0.2581649	0.7370591	2,183	0.4233904

Table F.9: Analysis of Warnings by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
West Warwick	Black vs. White	0.0055102	0.0152271	0.7182384	0.5752183	10,926	0.9090308
	Hispanic vs. White	-0.0002153	0.0188999	0.9909328	0.5752183	10,699	0.9909328
	Any Non-White vs. White	-0.0072855	0.0170346	0.6698265	0.5752183	11,781	0.762858
Westerly	Black vs. White	-0.0011669	0.0190344	0.9511857	0.6900831	18,023	0.9511857
	Hispanic vs. White	-0.0005724	0.0214827	0.9787728	0.6900831	17,440	0.9909328
	Any Non-White vs. White	0.0031423	0.0135772	0.8172334	0.6900831	19,240	0.8172334
Woonsocket	Black vs. White	0.0085981	0.0122929	0.4850688	0.5874303	8,947	0.736586
	Hispanic vs. White	-0.0275995	0.0142847	0.0546791	0.5874303	9,628	0.131873
	Any Non-White vs. White	-0.0141659	0.0107853	0.1904345	0.5874303	11,808	0.3522792

Table F.10: Analysis of Stop Duration by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.042236	0.0187923	0.0381708	0.0536692	1,677	0.0975234
	Hispanic vs. White	0.0449128	0.0265355	0.1087858	0.0536692	1,622	0.2027373
	Any Non-White vs. White	0.0470647	0.0169497	0.0129226	0.0536692	1,821	0.0529827
Bristol	Black vs. White	-0.029076	0.016487	0.0879869	0.0552795	1,550	0.1568463
	Hispanic vs. White	0.0800557	0.0666471	0.2393975	0.0552795	1,514	0.3271766
	Any Non-White vs. White	0.0086499	0.0223093	0.7009576	0.0552795	1,607	0.7562963
Burrillville	Black vs. White	0.02863	0.0393446	0.4767165	0.1031771	3,016	0.5584393
	Hispanic vs. White	0.0983436	0.0405657	0.02609	0.1031771	3,036	0.0822838
	Any Non-White vs. White	0.057631	0.0328686	0.0956562	0.1031771	3,177	0.1581428
Central Falls	Black vs. White	0.027014	0.0198547	0.1844973	0.1355072	1,603	0.2521463
	Hispanic vs. White	0.023863	0.0104539	0.0299664	0.1355072	2,167	0.0877588
	Any Non-White vs. White	0.0252152	0.0129947	0.0617779	0.1355072	2,757	0.1266447
Charlestown	Black vs. White	0.0489079	0.0250779	0.07009	0.0569708	2,061	0.1512469
	Hispanic vs. White	0.0335528	0.0168674	0.0652341	0.0569708	2,007	0.1407684
	Any Non-White vs. White	0.0363187	0.0177077	0.0581572	0.0569708	2,157	0.1266447
Coventry	Black vs. White	0.0300726	0.0298075	0.3192442	0.1319171	3,616	0.4090317
	Hispanic vs. White	0.012197	0.0236279	0.6086997	0.1319171	3,585	0.7130482
	Any Non-White vs. White	0.0199153	0.0174975	0.2619888	0.1319171	3,812	0.3580514
Cranston	Black vs. White	0.007497	0.0030917	0.0173579	0.0315175	19,405	0.0593063
	Hispanic vs. White	0.0038778	0.0027145	0.1567153	0.0315175	20,969	0.247128
	Any Non-White vs. White	0.0042757	0.0024035	0.0786557	0.0315175	25,338	0.1535659
Cumberland	Black vs. White	0.0511489	0.013285	0.0004061	0.0947513	5,352	0.0033297
	Hispanic vs. White	0.0571712	0.0143436	0.0002775	0.0947513	5,672	0.0037925
	Any Non-White vs. White	0.0504207	0.0096398	5.33E-06	0.0947513	6,554	0.0000929
East Greenwich	Black vs. White	0.0381895	0.024699	0.1363212	0.111991	1,643	0.2149681
	Hispanic vs. White	-0.0027601	0.0258744	0.9160156	0.111991	1,602	0.938916
	Any Non-White vs. White	0.0002295	0.0204114	0.9911322	0.111991	1,767	0.9911322
East Providence	Black vs. White	0.0258716	0.0132604	0.0560617	0.1691039	4,590	0.1276962
	Hispanic vs. White	0.0001734	0.0157071	0.9912318	0.1691039	4,127	0.9912318
	Any Non-White vs. White	0.0124249	0.0122485	0.3146769	0.1691039	5,327	0.3909623
Foster	Black vs. White	0.022943	0.0442347	0.626124	0.09375	174	0.6835974
	Hispanic vs. White	-0.1068182	0.0701672	0.1884174	0.09375	170	0.2663832
	Any Non-White vs. White	-0.0424344	0.0457371	0.3960978	0.09375	190	0.4776473
Glocester	Black vs. White	0.0711172	0.0176862	0.0014533	0.0971705	2,563	0.0085125
	Hispanic vs. White	0.136934	0.0497634	0.0164842	0.0971705	2,497	0.0654852
	Any Non-White vs. White	0.0725519	0.02297	0.0075464	0.0971705	2,683	0.0343779
Hopkinton	Black vs. White	0.1192391	0.047415	0.0287403	0.1233906	1,728	0.0785568
	Hispanic vs. White	0.0429705	0.0275751	0.147447	0.1233906	1,693	0.2451347
	Any Non-White vs. White	0.0582956	0.0324916	0.1002857	0.1233906	1,863	0.1581428
Jamestown	Black vs. White	0.0812089	0.0434312	0.0860934	0.0960452	1,811	0.1568463
	Hispanic vs. White	0.1065173	0.0750616	0.1794097	0.0960452	1,777	0.262707
	Any Non-White vs. White	0.0587432	0.0317884	0.0874839	0.0960452	1,947	0.1559495
Johnston	Black vs. White	-0.007781	0.0100758	0.4440077	0.074916	4,151	0.535421
	Hispanic vs. White	-0.0060173	0.0110428	0.5885069	0.074916	4,394	0.7096701
	Any Non-White vs. White	-0.0051501	0.0082389	0.5349315	0.074916	5,054	0.5947648
Lincoln	Black vs. White	0.0849135	0.0304859	0.0100493	0.084323	677	0.0374564
	Hispanic vs. White	0.049863	0.0228744	0.0388946	0.084323	708	0.1031145
	Any Non-White vs. White	0.0619041	0.0236668	0.0148836	0.084323	840	0.0531568
Little Compton	Black vs. White	-0.0035564	0.0330706	0.9167202	0.0767148	1,040	0.9396381
	Hispanic vs. White	0.07949	0.0337135	0.0427548	0.0767148	1,058	0.1031145
	Any Non-White vs. White	0.0522977	0.0318984	0.1355292	0.0767148	1,106	0.2058037
Middletown	Black vs. White	0.0771258	0.0110105	5.19E-08	0.1232169	4,311	2.13E-06
	Hispanic vs. White	0.0390765	0.011749	0.00217	0.1232169	3,794	0.0177939
	Any Non-White vs. White	0.060863	0.0094644	2.73E-07	0.1232169	4,836	0.0000112

Table F.10: Analysis of Stop Duration by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Narragansett	Black vs. White	0.0657066	0.0104725	2.40E-07	0.0653368	6,467	4.91E-06
	Hispanic vs. White	0.0451283	0.0167658	0.0105122	0.0653368	6,311	0.0511527
	Any Non-White vs. White	0.0509941	0.0097805	6.79E-06	0.0653368	6,915	0.0000929
Newport	Black vs. White	0.0610731	0.0169765	0.0007463	0.1329378	4,048	0.0050995
	Hispanic vs. White	0.0933279	0.0207676	0.0000441	0.1329378	3,617	0.0011177
	Any Non-White vs. White	0.0658358	0.0154465	0.0000917	0.1329378	4,545	0.0007523
North Kingstown	Black vs. White	0.0215522	0.0157533	0.1785546	0.0660403	3,452	0.2521463
	Hispanic vs. White	0.037418	0.0135217	0.0083714	0.0660403	3,310	0.0511527
	Any Non-White vs. White	0.0222934	0.0116028	0.0614859	0.0660403	3,718	0.1266447
North Providence	Black vs. White	0.0184478	0.0129827	0.1639332	0.1019812	3,731	0.240045
	Hispanic vs. White	0.0055422	0.0136547	0.6873009	0.1019812	3,545	0.7616037
	Any Non-White vs. White	0.0112073	0.0107563	0.3043919	0.1019812	4,792	0.3900021
North Smithfield	Black vs. White	0.0758896	0.0163247	0.0000926	0.1292929	3,369	0.0009492
	Hispanic vs. White	0.0822337	0.0168062	0.0000545	0.1292929	3,599	0.0011177
	Any Non-White vs. White	0.0695639	0.0144625	0.000061	0.1292929	4,453	0.000625
Pawtucket	Black vs. White	0.0046897	0.0059263	0.4307206	0.077218	8,494	0.5351378
	Hispanic vs. White	-0.0020414	0.006082	0.7378992	0.077218	7,305	0.7961544
	Any Non-White vs. White	0.0006193	0.0052052	0.9055475	0.077218	10,947	0.9281862
Portsmouth	Black vs. White	0.0463361	0.015887	0.0066404	0.0749436	8,056	0.0302507
	Hispanic vs. White	0.0458698	0.0169758	0.0112287	0.0749436	7,368	0.0511527
	Any Non-White vs. White	0.0383618	0.012316	0.0040295	0.0749436	8,854	0.0206514
Providence	Black vs. White	0.0141531	0.0293067	0.6337093	0.1881253	3,921	0.6837389
	Hispanic vs. White	-0.0266564	0.0240154	0.2784831	0.1881253	4,190	0.3683164
	Any Non-White vs. White	-0.00684	0.0242437	0.7803624	0.1881253	6,096	0.820381
Richmond	Black vs. White	-0.050204	0.0298477	0.1234816	0.062645	820	0.2025098
	Hispanic vs. White	0.0096395	0.0455904	0.8367932	0.062645	792	0.8797057
	Any Non-White vs. White	-0.0311639	0.0239376	0.2195603	0.062645	861	0.3104129
RISP Hope Valley	Black vs. White	0.0172264	0.008298	0.0404365	0.0793139	7,861	0.0975234
	Hispanic vs. White	0.0135501	0.0065728	0.0417948	0.0793139	7,364	0.1031145
	Any Non-White vs. White	0.0157635	0.0074285	0.0362118	0.0793139	9,607	0.1060488
RISP Lincoln	Black vs. White	0.0073375	0.0064728	0.2590367	0.1691248	16,624	0.3425969
	Hispanic vs. White	0.0128515	0.0049215	0.0100562	0.1691248	15,364	0.0511527
	Any Non-White vs. White	0.0094449	0.0050096	0.0615495	0.1691248	21,482	0.1266447
RISP Portsmouth	Black vs. White	0.0293604	0.0199326	0.1494454	0.0909091	652	0.2269357
	Hispanic vs. White	0.0078019	0.0165386	0.6401273	0.0909091	630	0.7290339
	Any Non-White vs. White	0.0190089	0.0112242	0.098752	0.0909091	742	0.1581428
RISP Scituate	Black vs. White	0.0052558	0.0079238	0.5086993	0.1396552	5,640	0.579352
	Hispanic vs. White	0.0104288	0.0059319	0.0819173	0.1396552	5,492	0.1599338
	Any Non-White vs. White	0.0067433	0.0062943	0.2864792	0.1396552	6,948	0.3788918
RISP Wickford	Black vs. White	0.0133467	0.0074916	0.0775828	0.0787772	9,128	0.1568463
	Hispanic vs. White	0.0126538	0.0069914	0.0730175	0.0787772	8,714	0.1496859
	Any Non-White vs. White	0.0112422	0.0057046	0.0512026	0.0787772	10,815	0.1266447
Scituate	Black vs. White	0.0111859	0.0269065	0.6855995	0.0334906	1,948	0.7207584
	Hispanic vs. White	0.0108452	0.0167493	0.5305882	0.0334906	1,968	0.6798161
	Any Non-White vs. White	0.0120375	0.0177889	0.5125828	0.0334906	2,118	0.5947648
Smithfield	Black vs. White	0.05336	0.0224083	0.0228251	0.148046	3,992	0.0668451
	Hispanic vs. White	0.057387	0.0230244	0.0175692	0.148046	3,842	0.0654852
	Any Non-White vs. White	0.0414744	0.0163078	0.0155581	0.148046	4,347	0.0531568
South Kingstown	Black vs. White	0.039985	0.016885	0.0224474	0.0978761	5,297	0.0668451
	Hispanic vs. White	0.0268554	0.0194342	0.1741504	0.0978761	4,982	0.262707
	Any Non-White vs. White	0.0345808	0.0156354	0.0323516	0.0978761	5,649	0.102032
Tiverton	Black vs. White	0.0496355	0.0098609	0.0000342	0.2335373	3,812	0.000467
	Hispanic vs. White	0.0521458	0.0258688	0.0546911	0.2335373	3,492	0.1245743
	Any Non-White vs. White	0.0407338	0.0110467	0.0011005	0.2335373	4,084	0.0075198

Table F.10: Analysis of Stop Duration by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Warwick	Black vs. White	0.0262586	0.0099225	0.0092857	0.1037499	11,826	0.0374564
	Hispanic vs. White	0.0339091	0.0105319	0.0016721	0.1037499	11,412	0.0171393
	Any Non-White vs. White	0.0224713	0.0071699	0.002192	0.1037499	13,142	0.0128388
West Greenwich	Black vs. White	0.003462	0.0567784	0.9525813	0.1239669	436	0.9525813
	Hispanic vs. White	0.0441911	0.078176	0.5843436	0.1239669	443	0.7096701
	Any Non-White vs. White	0.0205391	0.0321068	0.5367389	0.1239669	484	0.5947648
West Warwick	Black vs. White	0.0966921	0.0321109	0.0053477	0.1199702	1,239	0.0274069
	Hispanic vs. White	0.0680013	0.0450804	0.1430546	0.1199702	1,192	0.2451347
	Any Non-White vs. White	0.069218	0.0343245	0.0530843	0.1199702	1,339	0.1266447
Westerly	Black vs. White	0.0405343	0.0226896	0.0806145	0.1492373	5,930	0.1568463
	Hispanic vs. White	0.0532682	0.0227268	0.0234615	0.1492373	5,767	0.0801602
	Any Non-White vs. White	0.0361603	0.0206392	0.0862928	0.1492373	6,349	0.1559495
Woonsocket	Black vs. White	0.0356405	0.0225391	0.119161	0.3308329	2,813	0.2025098
	Hispanic vs. White	0.0316279	0.0216657	0.1494724	0.3308329	3,046	0.2451347
	Any Non-White vs. White	0.0248086	0.0167493	0.1437077	0.3308329	3,859	0.2104291

Table F.11: Analysis of Stop Duration by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0258115	0.0118447	0.0331924	0.0422862	6,007	0.0469272
	Hispanic vs. White	0.0268418	0.0137836	0.0560973	0.0422862	5,828	0.0884611
	Any Non-White vs. White	0.0228841	0.0100885	0.0268602	0.0422862	6,448	0.0393311
Bristol	Black vs. White	0.055367	0.0189118	0.0043248	0.0509567	9,591	0.0080599
	Hispanic vs. White	0.0402317	0.0248752	0.1093429	0.0509567	9,350	0.1494354
	Any Non-White vs. White	0.0444708	0.0165081	0.0084251	0.0509567	9,923	0.0132857
Burrillville	Black vs. White	0.0128467	0.0207152	0.5373234	0.0998339	11,517	0.5954124
	Hispanic vs. White	0.050276	0.0190058	0.0102239	0.0998339	11,536	0.019961
	Any Non-White vs. White	0.031633	0.015553	0.0458671	0.0998339	12,036	0.0648466
Central Falls	Black vs. White	0.0227962	0.0074417	0.0028714	0.1070339	6,614	0.0058864
	Hispanic vs. White	0.0178123	0.0049482	0.0005108	0.1070339	9,529	0.0014614
	Any Non-White vs. White	0.0177766	0.0049767	0.0005584	0.1070339	11,795	0.001272
Charlestown	Black vs. White	0.0420317	0.0153266	0.0086615	0.0768432	7,308	0.0142049
	Hispanic vs. White	0.0640184	0.0255028	0.0156447	0.0768432	7,145	0.0278884
	Any Non-White vs. White	0.0342087	0.0093894	0.0006815	0.0768432	7,695	0.0014151
Coventry	Black vs. White	0.0478188	0.0159357	0.0032766	0.1499514	11,810	0.0063972
	Hispanic vs. White	0.0467793	0.0171915	0.0074838	0.1499514	11,595	0.0153417
	Any Non-White vs. White	0.0386183	0.0096778	0.0001139	0.1499514	12,339	0.0003115
Cranston	Black vs. White	0.0140759	0.0023667	8.38E-09	0.0378252	57,292	1.15E-07
	Hispanic vs. White	0.0092291	0.0019575	3.88E-06	0.0378252	61,403	0.0000318
	Any Non-White vs. White	0.0099249	0.0017204	2.16E-08	0.0378252	74,504	1.77E-07
Cumberland	Black vs. White	0.0437494	0.0089125	3.02E-06	0.0903164	13,192	0.0000124
	Hispanic vs. White	0.0492683	0.008554	7.04E-08	0.0903164	13,783	9.62E-07
	Any Non-White vs. White	0.0430267	0.0062007	2.34E-10	0.0903164	15,642	4.79E-09
East Greenwich	Black vs. White	0.0205874	0.0180264	0.2570568	0.1012135	3,626	0.3099803
	Hispanic vs. White	0.0005239	0.0232076	0.9820486	0.1012135	3,561	0.9820486
	Any Non-White vs. White	0.0022267	0.0152716	0.8844598	0.1012135	3,869	0.9065713
East Providence	Black vs. White	0.0323831	0.0063152	7.67E-07	0.1460277	19,180	3.93E-06
	Hispanic vs. White	0.0129028	0.007272	0.0777489	0.1460277	16,885	0.1138467
	Any Non-White vs. White	0.0220894	0.0052424	0.0000398	0.1460277	21,746	0.0001359
Foster	Black vs. White	0.0006495	0.0137841	0.9629088	0.0840336	1,379	0.9629088
	Hispanic vs. White	0.0048334	0.0208979	0.8196995	0.0840336	1,362	0.840192
	Any Non-White vs. White	-0.0064143	0.0088877	0.4792687	0.0840336	1,541	0.5310816
Glocester	Black vs. White	0.062749	0.0172214	0.0007816	0.0904271	6,464	0.0021365
	Hispanic vs. White	0.0948918	0.0307984	0.0037232	0.0904271	6,365	0.0089795
	Any Non-White vs. White	0.0633781	0.0150135	0.0001357	0.0904271	6,784	0.0003477
Hopkinton	Black vs. White	0.0740723	0.0222454	0.0019413	0.1306729	4,708	0.004422
	Hispanic vs. White	0.0581471	0.0222487	0.0128821	0.1306729	4,623	0.0240075
	Any Non-White vs. White	0.051952	0.0154329	0.0017539	0.1306729	5,108	0.0031265
Jamestown	Black vs. White	0.0480229	0.0223483	0.0384457	0.0818681	5,087	0.0525424
	Hispanic vs. White	0.0697045	0.0341627	0.048307	0.0818681	4,979	0.0825244
	Any Non-White vs. White	0.0335734	0.0167649	0.0523932	0.0818681	5,457	0.0712615
Johnston	Black vs. White	0.0051755	0.0067057	0.4414654	0.0721275	14,145	0.5171452
	Hispanic vs. White	0.0113578	0.0073838	0.1261484	0.0721275	14,981	0.1585217
	Any Non-White vs. White	0.0069588	0.0054036	0.1997916	0.0721275	17,053	0.2275404
Lincoln	Black vs. White	0.0462564	0.0162793	0.0057452	0.0802121	2,458	0.0102414
	Hispanic vs. White	0.0254381	0.0130812	0.0554708	0.0802121	2,569	0.0884611
	Any Non-White vs. White	0.0308646	0.0126704	0.0171631	0.0802121	3,009	0.0260625
Little Compton	Black vs. White	-0.0031179	0.0198932	0.8767149	0.0685326	3,593	0.8986328
	Hispanic vs. White	0.0423352	0.0244218	0.0953252	0.0685326	3,643	0.1347701
	Any Non-White vs. White	0.0278654	0.0149101	0.0733975	0.0685326	3,818	0.0940406
Middletown	Black vs. White	0.0572795	0.0094864	2.87E-08	0.110841	11,132	2.35E-07
	Hispanic vs. White	0.0383567	0.0102045	0.0002917	0.110841	10,078	0.00092
	Any Non-White vs. White	0.0458286	0.0077304	4.69E-08	0.110841	12,336	2.75E-07
Narragansett	Black vs. White	0.0557651	0.0092297	2.04E-08	0.0845153	17,613	2.09E-07
	Hispanic vs. White	0.0403509	0.0103259	0.0001599	0.0845153	17,138	0.0005462
	Any Non-White vs. White	0.0428941	0.0067538	4.72E-09	0.0845153	18,740	4.84E-08

Table F.11: Analysis of Stop Duration by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Newport	Black vs. White	0.0669926	0.0091653	1.16E-11	0.1019747	14,252	4.76E-10
	Hispanic vs. White	0.0717777	0.0118693	1.04E-08	0.1019747	12,832	2.12E-07
	Any Non-White vs. White	0.0603277	0.0079929	3.03E-12	0.1019747	15,736	1.24E-10
North Kingstown	Black vs. White	0.0196308	0.0082895	0.0193628	0.0745477	11,859	0.0294027
	Hispanic vs. White	0.0252247	0.0090816	0.0062942	0.0745477	11,582	0.0135823
	Any Non-White vs. White	0.0171244	0.0058534	0.0040592	0.0745477	12,813	0.0066571
North Providence	Black vs. White	0.0222645	0.0065233	0.0008723	0.1112947	10,639	0.0022352
	Hispanic vs. White	0.0105387	0.006702	0.1184542	0.1112947	9,943	0.1566652
	Any Non-White vs. White	0.0169415	0.0052708	0.0016705	0.1112947	13,310	0.0031132
North Smithfield	Black vs. White	0.0686495	0.0105372	6.22E-09	0.1463396	10,548	1.15E-07
	Hispanic vs. White	0.0603182	0.0104002	1.35E-07	0.1463396	10,488	1.38E-06
	Any Non-White vs. White	0.0539974	0.0088175	3.34E-08	0.1463396	13,081	2.28E-07
Pawtucket	Black vs. White	0.0084106	0.0042342	0.0480377	0.0957818	22,893	0.0635338
	Hispanic vs. White	0.0027476	0.004056	0.4987648	0.0957818	20,476	0.538141
	Any Non-White vs. White	0.0053597	0.0035182	0.1288459	0.0957818	29,233	0.1509338
Portsmouth	Black vs. White	0.0373919	0.0080544	0.0000107	0.0506137	24,640	0.0000365
	Hispanic vs. White	0.0416421	0.0087434	6.61E-06	0.0506137	22,797	0.0000452
	Any Non-White vs. White	0.033405	0.0063771	9.28E-07	0.0506137	26,958	4.23E-06
Providence	Black vs. White	0.0178815	0.0116542	0.1293915	0.2061498	15,379	0.1607591
	Hispanic vs. White	-0.0082583	0.009374	0.3813049	0.2061498	15,926	0.434264
	Any Non-White vs. White	0.0030213	0.0097824	0.7583433	0.2061498	23,633	0.7972327
Richmond	Black vs. White	0.0050022	0.0197887	0.8021057	0.0751607	3,385	0.8432393
	Hispanic vs. White	0.0254582	0.0280994	0.3719219	0.0751607	3,291	0.4270399
	Any Non-White vs. White	0.0004149	0.0161158	0.9796187	0.0751607	3,574	0.9796187
RISP Hope Valley	Black vs. White	0.0166784	0.0048596	0.0006814	0.0899388	21,524	0.0019954
	Hispanic vs. White	0.0180576	0.004532	0.0000847	0.0899388	20,410	0.0003158
	Any Non-White vs. White	0.0150871	0.004022	0.0002097	0.0899388	26,280	0.0005057
RISP Lincoln	Black vs. White	0.0133271	0.0043857	0.0025229	0.1600803	41,013	0.0054442
	Hispanic vs. White	0.0116761	0.0033463	0.0005347	0.1600803	39,083	0.0014614
	Any Non-White vs. White	0.0114674	0.0033875	0.0007764	0.1600803	53,221	0.0015159
RISP Portsmouth	Black vs. White	0.0198997	0.0129962	0.1285671	0.1141304	1,783	0.1647266
	Hispanic vs. White	0.0112443	0.0131445	0.3942223	0.1141304	1,691	0.4368409
	Any Non-White vs. White	0.0166191	0.0085316	0.0538807	0.1141304	1,974	0.0712615
RISP Scituate	Black vs. White	0.0147635	0.0067163	0.0287841	0.1435747	14,890	0.0421481
	Hispanic vs. White	0.0073995	0.0060442	0.2219326	0.1435747	14,787	0.2676246
	Any Non-White vs. White	0.0095413	0.0058005	0.1010856	0.1435747	18,054	0.1218973
RISP Wickford	Black vs. White	0.0096531	0.0039935	0.0161634	0.0893547	26,977	0.0254884
	Hispanic vs. White	0.0138782	0.0041369	0.0008828	0.0893547	26,216	0.0022621
	Any Non-White vs. White	0.0114228	0.0033361	0.0006903	0.0893547	31,771	0.0014151
Scituate	Black vs. White	0.0146571	0.0196124	0.459341	0.036092	4,070	0.5231383
	Hispanic vs. White	0.0418422	0.0215834	0.0596255	0.036092	4,081	0.0905424
	Any Non-White vs. White	0.0252866	0.0146221	0.0914583	0.036092	4,345	0.11363
Smithfield	Black vs. White	0.0538193	0.0138907	0.0001862	0.1493089	10,420	0.0005874
	Hispanic vs. White	0.0603079	0.0147193	0.0000825	0.1493089	10,195	0.0003158
	Any Non-White vs. White	0.0488362	0.0108305	0.000017	0.1493089	11,349	0.0000697
South Kingstown	Black vs. White	0.0288057	0.0088188	0.0013742	0.0803417	15,749	0.0033141
	Hispanic vs. White	0.0164914	0.0107578	0.1275907	0.0803417	14,912	0.1585217
	Any Non-White vs. White	0.022166	0.0071689	0.0024066	0.0803417	16,734	0.0041113
Tiverton	Black vs. White	0.0499752	0.0090754	6.25E-07	0.194594	9,061	3.66E-06
	Hispanic vs. White	0.0790023	0.0169249	0.0000151	0.194594	8,518	0.0000883
	Any Non-White vs. White	0.0506582	0.0090172	4.04E-07	0.194594	9,653	2.07E-06
Warwick	Black vs. White	0.0291369	0.0060978	2.68E-06	0.0985706	37,640	0.0000122
	Hispanic vs. White	0.0412326	0.0061679	9.98E-11	0.0985706	36,714	4.09E-09
	Any Non-White vs. White	0.0286205	0.004484	5.93E-10	0.0985706	41,744	8.11E-09
West Greenwich	Black vs. White	0.0183293	0.0383042	0.6357502	0.1233363	2,125	0.685941
	Hispanic vs. White	0.0213023	0.0378662	0.5779085	0.1233363	2,131	0.6075448
	Any Non-White vs. White	0.0120601	0.0257834	0.643347	0.1233363	2,254	0.6941375

Table F.11: Analysis of Stop Duration by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
West Warwick	Black vs. White	0.0468359	0.0087271	5.37E-07	0.0933775	11,715	3.66E-06
	Hispanic vs. White	0.0391037	0.0132835	0.0040753	0.0933775	11,440	0.0092827
	Any Non-White vs. White	0.0323647	0.0076672	0.0000544	0.0933775	12,650	0.0001592
Westerly	Black vs. White	0.0619727	0.0129209	3.34E-06	0.1404362	18,279	0.0000124
	Hispanic vs. White	0.0521278	0.0128159	0.0000704	0.1404362	17,676	0.0003158
	Any Non-White vs. White	0.0408646	0.00967	0.0000373	0.1404362	19,511	0.0001359
Woonsocket	Black vs. White	0.03295	0.0124163	0.0085719	0.2987298	9,913	0.0142049
	Hispanic vs. White	0.0451286	0.0106137	0.0000315	0.2987298	10,674	0.0001614
	Any Non-White vs. White	0.0366612	0.0087893	0.0000434	0.2987298	13,202	0.0001369

Table F.12: Analysis of Investigative or Suspicion Stops by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0170295	0.0126309	0.1952711	0.0120482	1,677	0.4709479
	Hispanic vs. White	0.0059853	0.0144644	0.6841965	0.0120482	1,622	0.8014873
	Any Non-White vs. White	0.0114177	0.0089117	0.2173241	0.0120482	1,821	0.5174689
Bristol	Black vs. White	-0.0075787	0.0078834	0.3440656	0.0018634	1,550	0.6374503
	Hispanic vs. White	-0.0128341	0.0133861	0.3456014	0.0018634	1,514	0.6234308
	Any Non-White vs. White	-0.0076902	0.0080124	0.344831	0.0018634	1,607	0.543772
Burrillville	Black vs. White	-0.0028057	0.0014801	0.0751354	0.0044039	3,016	0.356428
	Hispanic vs. White	0.0029431	0.0051839	0.577235	0.0044039	3,036	0.7049105
	Any Non-White vs. White	0.0004398	0.0025754	0.8662146	0.0044039	3,177	0.8901918
Central Falls	Black vs. White	0.0012923	0.0062468	0.8376007	0.0210145	1,603	0.9037271
	Hispanic vs. White	0.003626	0.0043395	0.4102323	0.0210145	2,167	0.6234308
	Any Non-White vs. White	0.0040501	0.0038894	0.306056	0.0210145	2,757	0.5335812
Charlestown	Black vs. White	0.0100136	0.0112523	0.3875618	0.0291802	2,061	0.6374503
	Hispanic vs. White	0.0351702	0.0350867	0.3320561	0.0291802	2,007	0.6234308
	Any Non-White vs. White	0.0088582	0.0098303	0.3817689	0.0291802	2,157	0.5797232
Coventry	Black vs. White	0.0073911	0.0088706	0.4097981	0.0118017	3,616	0.6374503
	Hispanic vs. White	0.0011022	0.0076437	0.8861108	0.0118017	3,585	0.8962651
	Any Non-White vs. White	0.0072761	0.0075775	0.3428522	0.0118017	3,812	0.543772
Cranston	Black vs. White	-0.003724	0.006297	0.5557683	0.0862293	19,405	0.7300879
	Hispanic vs. White	-0.0064749	0.004203	0.1270526	0.0862293	20,969	0.3886163
	Any Non-White vs. White	-0.0071466	0.0047771	0.1381933	0.0862293	25,338	0.4047089
Cumberland	Black vs. White	-0.0057209	0.0054298	0.298233	0.0204455	5,352	0.6374503
	Hispanic vs. White	0.0008501	0.0047756	0.8596084	0.0204455	5,672	0.8962651
	Any Non-White vs. White	-0.0010735	0.0040681	0.7931901	0.0204455	6,554	0.8901918
East Greenwich	Black vs. White	0.0031556	0.0292474	0.9150586	0.0418552	1,643	0.918986
	Hispanic vs. White	-0.0188558	0.0224601	0.4102062	0.0418552	1,602	0.6234308
	Any Non-White vs. White	-0.004361	0.0197594	0.8273594	0.0418552	1,767	0.8901918
East Providence	Black vs. White	-0.0046584	0.008541	0.5876318	0.0494938	4,590	0.7300879
	Hispanic vs. White	-0.0114274	0.0095827	0.2381832	0.0494938	4,127	0.5744417
	Any Non-White vs. White	-0.0048378	0.0082499	0.5599145	0.0494938	5,327	0.7173905
Foster	Black vs. White	-0.0043146	0.0042228	0.3537728	0.0260417	174	0.6374503
	Hispanic vs. White	0.0672794	0.0677461	0.3662545	0.0260417	170	0.6234308
	Any Non-White vs. White	0.0220992	0.0196738	0.3123402	0.0260417	190	0.5335812
Glocester	Black vs. White	-0.0078183	0.0046629	0.1174698	0.003723	2,563	0.3704818
	Hispanic vs. White	-0.0053489	0.0032871	0.1276702	0.003723	2,497	0.3886163
	Any Non-White vs. White	-0.0066545	0.0039945	0.1196282	0.003723	2,683	0.4047089
Hopkinton	Black vs. White	-0.0454538	0.0199107	0.0433161	0.0295064	1,728	0.356428
	Hispanic vs. White	-0.0400868	0.0079161	0.000364	0.0295064	1,693	0.0149253
	Any Non-White vs. White	-0.0402298	0.0136603	0.0133276	0.0295064	1,863	0.2732166
Jamestown	Black vs. White	-0.0020821	0.0087434	0.8157943	0.0082178	1,811	0.9037271
	Hispanic vs. White	0.0285153	0.0132819	0.0512432	0.0082178	1,777	0.3001387
	Any Non-White vs. White	0.0147264	0.0092449	0.1351918	0.0082178	1,947	0.4047089
Johnston	Black vs. White	0.0043745	0.005766	0.4520054	0.0328128	4,151	0.6374503
	Hispanic vs. White	0.0037821	0.0050701	0.459578	0.0328128	4,394	0.62809
	Any Non-White vs. White	0.0024136	0.00362	0.5082086	0.0328128	5,054	0.6721468
Lincoln	Black vs. White	-0.0082758	0.0159482	0.608382	0.0415677	677	0.7336372
	Hispanic vs. White	-0.0161329	0.0203378	0.4351001	0.0415677	708	0.6234308
	Any Non-White vs. White	-0.0181496	0.0140253	0.2074739	0.0415677	840	0.5174689
Little Compton	Black vs. White	-0.0070437	0.0042133	0.1289022	0.0045126	1,040	0.3774994
	Hispanic vs. White	0.0083577	0.0030943	0.0243522	0.0045126	1,058	0.2496098
	Any Non-White vs. White	0.0025247	0.0013436	0.0929422	0.0045126	1,106	0.3809981
Middletown	Black vs. White	0.0005352	0.0037029	0.8859547	0.004755	4,311	0.918986
	Hispanic vs. White	-0.0031918	0.0024205	0.1963662	0.004755	3,794	0.5031884
	Any Non-White vs. White	-0.0007257	0.003065	0.8143122	0.004755	4,836	0.8901918

Table F.12: Analysis of Investigative or Suspicion Stops by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Narragansett	Black vs. White	0.0029413	0.0085494	0.7327154	0.0234172	6,467	0.8583237
	Hispanic vs. White	-0.0008454	0.006441	0.8962651	0.0234172	6,311	0.8962651
	Any Non-White vs. White	-0.0018856	0.004982	0.7071784	0.0234172	6,915	0.8367676
Newport	Black vs. White	0.0058027	0.004029	0.1561624	0.0076906	4,048	0.4268438
	Hispanic vs. White	0.0058371	0.005143	0.2620221	0.0076906	3,617	0.5968282
	Any Non-White vs. White	0.0053349	0.0029808	0.0796727	0.0076906	4,545	0.3809981
North Kingstown	Black vs. White	0.007026	0.0095592	0.4664271	0.0257718	3,452	0.6374503
	Hispanic vs. White	-0.0194344	0.006369	0.0039381	0.0257718	3,310	0.0538212
	Any Non-White vs. White	-0.0036891	0.0055202	0.5076039	0.0257718	3,718	0.6721468
North Providence	Black vs. White	-0.0121857	0.0070954	0.0944999	0.0179353	3,731	0.356428
	Hispanic vs. White	-0.001382	0.0044121	0.7559682	0.0179353	3,545	0.8281121
	Any Non-White vs. White	-0.006028	0.0050997	0.2449498	0.0179353	4,792	0.5285758
North Smithfield	Black vs. White	-0.0050728	0.0051589	0.3348681	0.0130191	3,369	0.6374503
	Hispanic vs. White	-0.0031054	0.003798	0.4216155	0.0130191	3,599	0.6234308
	Any Non-White vs. White	-0.0022227	0.0046929	0.6398733	0.0130191	4,453	0.7949941
Pawtucket	Black vs. White	-0.0046937	0.0062465	0.4542579	0.0593282	8,494	0.6374503
	Hispanic vs. White	-0.0045551	0.0058857	0.4409632	0.0593282	7,305	0.6234308
	Any Non-White vs. White	-0.0050577	0.0063967	0.4310869	0.0593282	10,947	0.6312344
Portsmouth	Black vs. White	-0.0035468	0.0018593	0.0660574	0.0064334	8,056	0.356428
	Hispanic vs. White	0.0008957	0.0026909	0.7415562	0.0064334	7,368	0.8281121
	Any Non-White vs. White	-0.0020522	0.0018568	0.2778565	0.0064334	8,854	0.5335812
Providence	Black vs. White	0.078898	0.01842	0.0002779	0.2419223	3,921	0.0113948
	Hispanic vs. White	0.0381047	0.0168715	0.0337027	0.2419223	4,190	0.2763624
	Any Non-White vs. White	0.0460612	0.0159127	0.0081732	0.2419223	6,096	0.2732166
Richmond	Black vs. White	0.0026264	0.0251789	0.918986	0.0417633	820	0.918986
	Hispanic vs. White	-0.0137674	0.0078186	0.1087519	0.0417633	792	0.3886163
	Any Non-White vs. White	-0.0004235	0.0182203	0.9818716	0.0417633	861	0.9818716
RISP Hope Valley	Black vs. White	-0.002865	0.0027858	0.3062063	0.0349272	7,861	0.6374503
	Hispanic vs. White	-0.0053031	0.0034989	0.1326983	0.0349272	7,364	0.3886163
	Any Non-White vs. White	-0.0028336	0.0027464	0.3045798	0.0349272	9,607	0.5335812
RISP Lincoln	Black vs. White	-0.0101312	0.0053753	0.0616782	0.0602987	16,624	0.356428
	Hispanic vs. White	-0.0037352	0.0040066	0.3528894	0.0602987	15,364	0.6234308
	Any Non-White vs. White	-0.0072081	0.0043806	0.102219	0.0602987	21,482	0.3809981
RISP Portsmouth	Black vs. White	0.0092027	0.0167917	0.5870403	0.055336	652	0.7300879
	Hispanic vs. White	0.0126206	0.0196855	0.5257481	0.055336	630	0.6953443
	Any Non-White vs. White	0.0151219	0.0135879	0.2729322	0.055336	742	0.5335812
RISP Scituate	Black vs. White	-0.012693	0.0078112	0.1073771	0.1125	5,640	0.3668718
	Hispanic vs. White	-0.0022784	0.0041531	0.5845599	0.1125	5,492	0.7049105
	Any Non-White vs. White	-0.0076812	0.0063078	0.2260559	0.1125	6,948	0.5174689
RISP Wickford	Black vs. White	-0.0067103	0.0035324	0.0600996	0.0235501	9,128	0.356428
	Hispanic vs. White	-0.0069729	0.0033721	0.0409791	0.0235501	8,714	0.2800239
	Any Non-White vs. White	-0.0066734	0.003021	0.0291911	0.0235501	10,815	0.3809981
Scituate	Black vs. White	-0.0111013	0.0122415	0.3839161	0.0207547	1,948	0.6374503
	Hispanic vs. White	-0.0039727	0.0131098	0.7675185	0.0207547	1,968	0.8281121
	Any Non-White vs. White	-0.0037966	0.0101064	0.7143137	0.0207547	2,118	0.8367676
Smithfield	Black vs. White	-0.0166353	0.0123041	0.1850448	0.1048276	3,992	0.4709479
	Hispanic vs. White	-0.0260993	0.0164694	0.1220256	0.1048276	3,842	0.3886163
	Any Non-White vs. White	-0.0200949	0.0110576	0.0777426	0.1048276	4,347	0.3809981
South Kingstown	Black vs. White	0.021018	0.0119252	0.0850946	0.0686726	5,297	0.356428
	Hispanic vs. White	0.0295093	0.0160368	0.0726617	0.0686726	4,982	0.3723913
	Any Non-White vs. White	0.0209376	0.0103907	0.0501815	0.0686726	5,649	0.3809981
Tiverton	Black vs. White	-0.0019423	0.0063722	0.7630408	0.0110159	3,812	0.8690187
	Hispanic vs. White	-0.0058045	0.0033609	0.0964941	0.0110159	3,492	0.3886163
	Any Non-White vs. White	-0.0034025	0.0049293	0.4963919	0.0110159	4,084	0.6721468

Table F.12: Analysis of Investigative or Suspicion Stops by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Warwick	Black vs. White	0.003186	0.0042873	0.4589413	0.0228189	11,826	0.6374503
	Hispanic vs. White	0.0067677	0.0048099	0.162139	0.0228189	11,412	0.4431799
	Any Non-White vs. White	0.0056334	0.0032325	0.0840761	0.0228189	13,142	0.3809981
West Greenwich	Black vs. White	-0.0640001	0.0199293	0.0093106	0.0413223	436	0.1908667
	Hispanic vs. White	0.0217128	0.0352101	0.5512367	0.0413223	443	0.7049105
	Any Non-White vs. White	0.0046994	0.0276606	0.8684798	0.0413223	484	0.8901918
West Warwick	Black vs. White	0.0616901	0.0358141	0.095627	0.0797317	1,239	0.356428
	Hispanic vs. White	0.0496878	0.0607284	0.4204074	0.0797317	1,192	0.6234308
	Any Non-White vs. White	0.0495233	0.0401386	0.2271815	0.0797317	1,339	0.5174689
Westerly	Black vs. White	0.0163875	0.0076359	0.0371734	0.0139959	5,930	0.356428
	Hispanic vs. White	0.0071152	0.0089923	0.4328566	0.0139959	5,767	0.6234308
	Any Non-White vs. White	0.0082623	0.0045434	0.0753616	0.0139959	6,349	0.3809981
Woonsocket	Black vs. White	-0.0111854	0.0145167	0.4440663	0.1383859	2,813	0.6374503
	Hispanic vs. White	-0.0350065	0.0113476	0.0030585	0.1383859	3,046	0.0538212
	Any Non-White vs. White	-0.0195246	0.010422	0.0658068	0.1383859	3,859	0.3809981

Table F.13: Analysis of Investigative or Suspicion Stops by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0091615	0.0069402	0.1917488	0.0094486	6,007	0.3743668
	Hispanic vs. White	0.0025317	0.0063294	0.6905556	0.0094486	5,828	0.8952473
	Any Non-White vs. White	0.0031144	0.0043269	0.4744072	0.0094486	6,448	0.6274418
Bristol	Black vs. White	-0.0012461	0.0023585	0.5985614	0.0020141	9,591	0.7436672
	Hispanic vs. White	-0.0039267	0.0019673	0.048995	0.0020141	9,350	0.2869706
	Any Non-White vs. White	-0.0019679	0.0017849	0.2731558	0.0020141	9,923	0.4251954
Burrillville	Black vs. White	0.0050934	0.0052177	0.3326026	0.0086379	11,517	0.4870253
	Hispanic vs. White	0.0028708	0.003908	0.4652251	0.0086379	11,536	0.7629692
	Any Non-White vs. White	0.0041696	0.0035319	0.241893	0.0086379	12,036	0.4251954
Central Falls	Black vs. White	0.004493	0.0035754	0.2120658	0.0183051	6,614	0.3780304
	Hispanic vs. White	0.0024145	0.0022144	0.2783429	0.0183051	9,529	0.5434313
	Any Non-White vs. White	0.0030766	0.0023198	0.1879367	0.0183051	11,795	0.3852703
Charlestown	Black vs. White	0.0218092	0.0135226	0.1136293	0.030244	7,308	0.3105868
	Hispanic vs. White	0.0225002	0.013726	0.1079867	0.030244	7,145	0.4024958
	Any Non-White vs. White	0.0128353	0.0072774	0.0844183	0.030244	7,695	0.2472252
Coventry	Black vs. White	0.0084216	0.0051936	0.1075291	0.014582	11,810	0.3105868
	Hispanic vs. White	-0.0012077	0.0051224	0.8140121	0.014582	11,595	0.9029994
	Any Non-White vs. White	0.0056329	0.0036781	0.128282	0.014582	12,339	0.3457971
Cranston	Black vs. White	-0.0032391	0.0030468	0.2886751	0.0799039	57,292	0.4870253
	Hispanic vs. White	-0.0032964	0.0026711	0.2182408	0.0799039	61,403	0.4971041
	Any Non-White vs. White	-0.0039406	0.0026852	0.1433793	0.0799039	74,504	0.3457971
Cumberland	Black vs. White	-0.0059369	0.0040866	0.1489888	0.0235219	13,192	0.3393633
	Hispanic vs. White	-0.0021497	0.0032193	0.505616	0.0235219	13,783	0.785426
	Any Non-White vs. White	-0.0028886	0.0027616	0.2977353	0.0235219	15,642	0.4251954
East Greenwich	Black vs. White	-0.0054257	0.0159114	0.7340626	0.0338239	3,626	0.8118643
	Hispanic vs. White	-0.0165209	0.0138573	0.236936	0.0338239	3,561	0.5112829
	Any Non-White vs. White	-0.0076042	0.0120657	0.5304337	0.0338239	3,869	0.6307583
East Providence	Black vs. White	-0.0074544	0.0037532	0.0485725	0.0454441	19,180	0.2489342
	Hispanic vs. White	-0.011568	0.0047527	0.0159386	0.0454441	16,885	0.2475076
	Any Non-White vs. White	-0.0085229	0.003506	0.0160462	0.0454441	21,746	0.0730993
Foster	Black vs. White	-0.0192866	0.0133369	0.1644423	0.018746	1,379	0.3548491
	Hispanic vs. White	-0.0186426	0.0157091	0.2507566	0.018746	1,362	0.514051
	Any Non-White vs. White	-0.0192053	0.0136352	0.1751358	0.018746	1,541	0.3852703
Glocester	Black vs. White	-0.0049909	0.0023142	0.0372606	0.0027982	6,464	0.2489342
	Hispanic vs. White	-0.0003426	0.0035154	0.922839	0.0027982	6,365	0.922839
	Any Non-White vs. White	-0.0027544	0.0023594	0.2499559	0.0027982	6,784	0.4251954
Hopkinton	Black vs. White	-0.0193462	0.0100252	0.0611271	0.0332551	4,708	0.2506209
	Hispanic vs. White	-0.0168972	0.0118376	0.1618461	0.0332551	4,623	0.4739779
	Any Non-White vs. White	-0.0214716	0.0075345	0.0070296	0.0332551	5,108	0.0592041
Jamestown	Black vs. White	-0.0015504	0.004218	0.7153472	0.0069597	5,087	0.8118643
	Hispanic vs. White	0.0105697	0.0073965	0.1611681	0.0069597	4,979	0.4739779
	Any Non-White vs. White	0.0072919	0.004853	0.1412193	0.0069597	5,457	0.3457971
Johnston	Black vs. White	-0.0044076	0.0034898	0.2085792	0.0343353	14,145	0.3780304
	Hispanic vs. White	-0.0002794	0.0026657	0.9166721	0.0343353	14,981	0.922839
	Any Non-White vs. White	-0.002192	0.0020365	0.2835042	0.0343353	17,053	0.4251954
Lincoln	Black vs. White	-0.0092186	0.0092716	0.3231976	0.0464037	2,458	0.4870253
	Hispanic vs. White	-0.0012293	0.0092113	0.8941836	0.0464037	2,569	0.922839
	Any Non-White vs. White	-0.0075255	0.0072154	0.3002211	0.0464037	3,009	0.4251954
Little Compton	Black vs. White	0.0036141	0.0073543	0.6274128	0.0026157	3,593	0.756586
	Hispanic vs. White	0.007295	0.0055559	0.2011047	0.0026157	3,643	0.4949529
	Any Non-White vs. White	0.0056955	0.0020896	0.011552	0.0026157	3,818	0.0592041
Middletown	Black vs. White	0.0005279	0.0019968	0.7920627	0.0038892	11,132	0.8118643
	Hispanic vs. White	-0.0011069	0.0018354	0.5478643	0.0038892	10,078	0.785426
	Any Non-White vs. White	0.0003859	0.0016409	0.8145618	0.0038892	12,336	0.8563342
Narragansett	Black vs. White	0.0021873	0.0052675	0.678757	0.0241015	17,613	0.7951154
	Hispanic vs. White	0.0011263	0.0047998	0.8149019	0.0241015	17,138	0.9029994
	Any Non-White vs. White	0.0008691	0.0036953	0.8144905	0.0241015	18,740	0.8563342

Table F.13: Analysis of Investigative or Suspicion Stops by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Newport	Black vs. White	0.0114189	0.0031193	0.00034	0.007937	14,252	0.0069695
	Hispanic vs. White	0.0025757	0.0025861	0.3208022	0.007937	12,832	0.5978586
	Any Non-White vs. White	0.0068962	0.0020825	0.001144	0.007937	15,736	0.0234527
North Kingstown	Black vs. White	0.0051728	0.005263	0.3275167	0.0311135	11,859	0.4870253
	Hispanic vs. White	-0.0103345	0.0050306	0.0419647	0.0311135	11,582	0.2867586
	Any Non-White vs. White	-0.0023503	0.0034906	0.5019438	0.0311135	12,813	0.6307583
North Providence	Black vs. White	-0.0057461	0.0032699	0.0813762	0.0144187	10,639	0.2566479
	Hispanic vs. White	-0.0003203	0.0024627	0.8967241	0.0144187	9,943	0.922839
	Any Non-White vs. White	-0.0025125	0.0024177	0.300748	0.0144187	13,310	0.4251954
North Smithfield	Black vs. White	-0.0039197	0.0037587	0.3001989	0.0206327	10,548	0.4870253
	Hispanic vs. White	-0.0026729	0.0034722	0.4437445	0.0206327	10,488	0.7580636
	Any Non-White vs. White	-0.0031732	0.0033378	0.344664	0.0206327	13,081	0.4710408
Pawtucket	Black vs. White	-0.0006628	0.0034164	0.84632	0.0562316	22,893	0.84632
	Hispanic vs. White	-0.002047	0.0033165	0.5376427	0.0562316	20,476	0.785426
	Any Non-White vs. White	-0.0013277	0.0030387	0.6625198	0.0562316	29,233	0.7545364
Portsmouth	Black vs. White	-0.0021533	0.0012135	0.0790873	0.0066743	24,640	0.2566479
	Hispanic vs. White	0.0005595	0.0022089	0.8005712	0.0066743	22,797	0.9029994
	Any Non-White vs. White	-0.0013924	0.0013137	0.2918099	0.0066743	26,958	0.4251954
Providence	Black vs. White	0.0558768	0.010985	2.86E-06	0.2351224	15,379	0.0001171
	Hispanic vs. White	0.020255	0.009152	0.0301008	0.2351224	15,926	0.2468263
	Any Non-White vs. White	0.0311822	0.0089923	0.0008958	0.2351224	23,633	0.0231129
Richmond	Black vs. White	-0.0197278	0.0126669	0.12952	0.0307348	3,385	0.331895
	Hispanic vs. White	-0.0191582	0.0084042	0.0296673	0.0307348	3,291	0.2475076
	Any Non-White vs. White	-0.0186094	0.0098503	0.0679529	0.0307348	3,574	0.214313
RISP Hope Valley	Black vs. White	-0.0021704	0.0024193	0.3703701	0.0669604	21,524	0.5236266
	Hispanic vs. White	-0.0008078	0.0025937	0.7556838	0.0669604	20,410	0.9029994
	Any Non-White vs. White	-0.001419	0.0023042	0.5384522	0.0669604	26,280	0.6307583
RISP Lincoln	Black vs. White	-0.0071824	0.0028125	0.0110062	0.0529033	41,013	0.1128133
	Hispanic vs. White	-0.0041778	0.0023391	0.0747959	0.0529033	39,083	0.3543314
	Any Non-White vs. White	-0.0060831	0.0023566	0.0101731	0.0529033	53,221	0.0592041
RISP Portsmouth	Black vs. White	0.005814	0.0102739	0.5726041	0.0770751	1,783	0.733649
	Hispanic vs. White	0.0044434	0.0118642	0.7087585	0.0770751	1,691	0.8952473
	Any Non-White vs. White	0.0048955	0.0078288	0.5330141	0.0770751	1,974	0.6307583
RISP Scituate	Black vs. White	-0.0089668	0.0046731	0.0560554	0.1332524	14,890	0.2506209
	Hispanic vs. White	-0.0066401	0.0043879	0.1313742	0.1332524	14,787	0.4488618
	Any Non-White vs. White	-0.0094491	0.0043562	0.0308937	0.1332524	18,054	0.1151492
RISP Wickford	Black vs. White	-0.0036162	0.0020487	0.0784372	0.0322469	26,977	0.2566479
	Hispanic vs. White	-0.0036111	0.0021806	0.098629	0.0322469	26,216	0.4024958
	Any Non-White vs. White	-0.0034937	0.0017309	0.0443104	0.0322469	31,771	0.1513939
Scituate	Black vs. White	-0.0027318	0.0094593	0.7742644	0.0163218	4,070	0.8118643
	Hispanic vs. White	0.0040494	0.0112409	0.7205649	0.0163218	4,081	0.8952473
	Any Non-White vs. White	0.0008541	0.0074402	0.9091789	0.0163218	4,345	0.9319083
Smithfield	Black vs. White	-0.0177076	0.0086649	0.0434968	0.1049388	10,420	0.2489342
	Hispanic vs. White	-0.0313842	0.0101208	0.0024771	0.1049388	10,195	0.1015625
	Any Non-White vs. White	-0.0185214	0.0070398	0.0097954	0.1049388	11,349	0.0592041
South Kingstown	Black vs. White	0.0139065	0.0061661	0.0256868	0.0566274	15,749	0.2106319
	Hispanic vs. White	0.0189829	0.0106823	0.0777801	0.0566274	14,912	0.3543314
	Any Non-White vs. White	0.0134844	0.0051184	0.0093893	0.0566274	16,734	0.0592041
Tiverton	Black vs. White	0.0035368	0.0059529	0.5544206	0.0252693	9,061	0.7332659
	Hispanic vs. White	-0.0102738	0.0079496	0.2006698	0.0252693	8,518	0.4949529
	Any Non-White vs. White	-0.0003368	0.0047575	0.9437799	0.0252693	9,653	0.9437799
Warwick	Black vs. White	0.0008264	0.0027798	0.7664463	0.0337587	37,640	0.8118643
	Hispanic vs. White	-0.0015771	0.0037036	0.6705012	0.0337587	36,714	0.8952473
	Any Non-White vs. White	0.0007125	0.0025432	0.7795494	0.0337587	41,744	0.8563342
West Greenwich	Black vs. White	0.0229406	0.0339419	0.504294	0.0430346	2,125	0.6892018
	Hispanic vs. White	0.0256322	0.0321079	0.4309631	0.0430346	2,131	0.7580636
	Any Non-White vs. White	0.0283957	0.0248586	0.2623684	0.0430346	2,254	0.4251954

Table F.13: Analysis of Investigative or Suspicion Stops by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
West Warwick	Black vs. White	0.0100174	0.0076059	0.1908923	0.042308	11,715	0.3743668
	Hispanic vs. White	0.0160872	0.012612	0.2052244	0.042308	11,440	0.4949529
	Any Non-White vs. White	0.010756	0.0080931	0.1869195	0.042308	12,650	0.3852703
Westerly	Black vs. White	0.0145849	0.0045384	0.001549	0.0132091	18,279	0.0211696
	Hispanic vs. White	0.0028	0.0047414	0.5555452	0.0132091	17,676	0.785426
	Any Non-White vs. White	0.007501	0.0029268	0.011177	0.0132091	19,511	0.0592041
Woonsocket	Black vs. White	-0.0130785	0.0088073	0.1390626	0.1590806	9,913	0.3353863
	Hispanic vs. White	-0.0198501	0.0087735	0.0246557	0.1590806	10,674	0.2475076
	Any Non-White vs. White	-0.0169071	0.007163	0.0191211	0.1590806	13,202	0.0783967

Table F.14: Analysis of Discretionary Search by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0	0		0	1,677	
	Hispanic vs. White	0	0		0	1,622	
	Any Non-White vs. White	0	0		0	1,821	
Bristol	Black vs. White	0.0242484	0.0235794	0.3119961	0.0099379	1,550	0.5647436
	Hispanic vs. White	0.0213058	0.0260521	0.4201314	0.0099379	1,514	0.7638752
	Any Non-White vs. White	0.0215292	0.0150857	0.1638681	0.0099379	1,607	0.4604386
Burrillville	Black vs. White	-0.0040176	0.0132001	0.7645489	0.026738	3,016	0.848505
	Hispanic vs. White	0.0035378	0.015889	0.8263078	0.026738	3,036	0.939575
	Any Non-White vs. White	0.0017372	0.0111869	0.87823	0.026738	3,177	0.9244526
Central Falls	Black vs. White	0.0102831	0.0105676	0.3388461	0.0394928	1,603	0.5647436
	Hispanic vs. White	0.0009263	0.0047613	0.8471097	0.0394928	2,167	0.939575
	Any Non-White vs. White	0.0040999	0.0061053	0.5070277	0.0394928	2,757	0.7243252
Charlestown	Black vs. White	0.0083052	0.0090292	0.3722239	0.0032422	2,061	0.5726521
	Hispanic vs. White	-0.001157	0.0009437	0.2391024	0.0032422	2,007	0.5864559
	Any Non-White vs. White	0.0097913	0.0109095	0.3836298	0.0032422	2,157	0.6138077
Coventry	Black vs. White	-0.005841	0.0034193	0.0955403	0.0041962	3,616	0.3790941
	Hispanic vs. White	-0.0022848	0.0012981	0.0864405	0.0041962	3,585	0.5300513
	Any Non-White vs. White	-0.0040948	0.0021347	0.0624243	0.0041962	3,812	0.2774413
Cranston	Black vs. White	0.0003232	0.0006018	0.5925936	0.0020906	19,405	0.740742
	Hispanic vs. White	0.0004645	0.0005312	0.3842127	0.0020906	20,969	0.7318337
	Any Non-White vs. White	0.0004687	0.0004477	0.2979361	0.0020906	25,338	0.5417021
Cumberland	Black vs. White	-0.0022662	0.000887	0.0144304	0.0018309	5,352	0.1585809
	Hispanic vs. White	-0.0016971	0.0011825	0.1590154	0.0018309	5,672	0.5300513
	Any Non-White vs. White	-0.0019601	0.0008887	0.0330733	0.0018309	6,554	0.1889904
East Greenwich	Black vs. White	0.0104324	0.0099951	0.3079331	0.0056561	1,643	0.5647436
	Hispanic vs. White	0.0235531	0.0117393	0.0572661	0.0056561	1,602	0.5300513
	Any Non-White vs. White	0.0115575	0.0047749	0.0242043	0.0056561	1,767	0.1613618
East Providence	Black vs. White	0.0032091	0.006694	0.6335152	0.0502437	4,590	0.7678972
	Hispanic vs. White	0.0041116	0.0060294	0.498149	0.0502437	4,127	0.8362697
	Any Non-White vs. White	0.0027295	0.0047159	0.5650146	0.0502437	5,327	0.7706336
Foster	Black vs. White	-0.0015669	0.0018513	0.4359658	0.0104167	174	0.6242984
	Hispanic vs. White	-0.0038916	0.0077708	0.6377724	0.0104167	170	0.8396217
	Any Non-White vs. White	-0.002623	0.0033638	0.4708089	0.0104167	190	0.6974947
Glocester	Black vs. White	0.0195504	0.0163013	0.2518086	0.0156366	2,563	0.5647436
	Hispanic vs. White	0.0108794	0.0090198	0.2492438	0.0156366	2,497	0.5864559
	Any Non-White vs. White	0.0102212	0.0103284	0.3404217	0.0156366	2,683	0.5920378
Hopkinton	Black vs. White	0.0003953	0.0204378	0.9849141	0.041309	1,728	0.9849141
	Hispanic vs. White	0.0000325	0.020542	0.9987655	0.041309	1,693	0.9987655
	Any Non-White vs. White	0.000626	0.0166437	0.9706719	0.041309	1,863	0.9706719
Jamestown	Black vs. White	0.0050402	0.0080017	0.5405771	0.0446841	1,811	0.7269308
	Hispanic vs. White	0.0005426	0.005677	0.9253162	0.0446841	1,777	0.9558716
	Any Non-White vs. White	0.0018403	0.0050201	0.719828	0.0446841	1,947	0.8363585
Johnston	Black vs. White	0.0014335	0.0014087	0.3142975	0.002372	4,151	0.5647436
	Hispanic vs. White	0.0022449	0.0015528	0.1552005	0.002372	4,394	0.5300513
	Any Non-White vs. White	0.0017745	0.0012671	0.1679439	0.002372	5,054	0.4604386
Lincoln	Black vs. White	-0.0069228	0.0050628	0.1836709	0.0083135	677	0.489789
	Hispanic vs. White	-0.0039967	0.0038856	0.3135184	0.0083135	708	0.6600388
	Any Non-White vs. White	-0.0043098	0.0033508	0.2101566	0.0083135	840	0.4604386
Little Compton	Black vs. White	0.0020298	0.0024957	0.4370089	0.015343	1,040	0.6242984
	Hispanic vs. White	-0.0036673	0.0033901	0.3074837	0.015343	1,058	0.6600388
	Any Non-White vs. White	0.0019241	0.0035132	0.597241	0.015343	1,106	0.7706336
Middletown	Black vs. White	0.011613	0.0057546	0.0517781	0.0289436	4,311	0.2329132
	Hispanic vs. White	0.0081513	0.0051911	0.1258984	0.0289436	3,794	0.5300513
	Any Non-White vs. White	0.0093301	0.004335	0.0387869	0.0289436	4,836	0.1939345

Table F.14: Analysis of Discretionary Search by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Narragansett	Black vs. White	0.0202269	0.008495	0.0223791	0.0079503	6,467	0.1585809
	Hispanic vs. White	0.006734	0.0037806	0.0828741	0.0079503	6,311	0.5300513
	Any Non-White vs. White	0.0117786	0.0043512	0.0101164	0.0079503	6,915	0.0809309
Newport	Black vs. White	0.0421304	0.0120486	0.0010113	0.0525159	4,048	0.0202255
	Hispanic vs. White	0.0124295	0.0085099	0.1506441	0.0525159	3,617	0.5300513
	Any Non-White vs. White	0.0297592	0.0085853	0.0011074	0.0525159	4,545	0.0221474
North Kingstown	Black vs. White	0.0078908	0.0080615	0.3332719	0.0171812	3,452	0.5647436
	Hispanic vs. White	0.00328	0.0052968	0.539102	0.0171812	3,310	0.8362697
	Any Non-White vs. White	0.0032511	0.0058095	0.5787204	0.0171812	3,718	0.7706336
North Providence	Black vs. White	-0.0038279	0.0018776	0.048879	0.0110532	3,731	0.2329132
	Hispanic vs. White	-0.0060486	0.0019935	0.0045272	0.0110532	3,545	0.0905443
	Any Non-White vs. White	-0.0048564	0.0016308	0.0051668	0.0110532	4,792	0.0688902
North Smithfield	Black vs. White	0.0012036	0.0034432	0.7296107	0.0031425	3,369	0.8338408
	Hispanic vs. White	0.0003601	0.0021618	0.8691069	0.0031425	3,599	0.939575
	Any Non-White vs. White	0.0007871	0.0022712	0.7318137	0.0031425	4,453	0.8363585
Pawtucket	Black vs. White	0.0031196	0.0022159	0.1624462	0.0162468	8,494	0.489789
	Hispanic vs. White	0.0027814	0.0023561	0.2408391	0.0162468	7,305	0.5864559
	Any Non-White vs. White	0.0018872	0.00163	0.2497971	0.0162468	10,947	0.475804
Portsmouth	Black vs. White	0.0041234	0.0037827	0.2843618	0.0107223	8,056	0.5647436
	Hispanic vs. White	-0.0015802	0.0040095	0.6962797	0.0107223	7,368	0.8703496
	Any Non-White vs. White	0.0014988	0.0011321	0.1955318	0.0107223	8,854	0.4604386
Providence	Black vs. White	0.1111236	0.0110793	7.23E-10	0.2419223	3,921	2.89E-08
	Hispanic vs. White	0.0630134	0.0110456	8.27E-06	0.2419223	4,190	0.0003307
	Any Non-White vs. White	0.0750096	0.0097807	8.78E-08	0.2212564	6,096	3.51E-06
Richmond	Black vs. White	-0.0056174	0.0057878	0.3546626	0.0046404	820	0.5674602
	Hispanic vs. White	0.0005218	0.0007756	0.516314	0.0046404	792	0.8362697
	Any Non-White vs. White	-0.0035137	0.0036616	0.3578725	0.0046404	861	0.5964541
RISP Hope Valley	Black vs. White	-0.0004107	0.0006766	0.5451981	0.0013514	7,861	0.7269308
	Hispanic vs. White	-0.0003641	0.0007013	0.6047553	0.0013514	7,364	0.8396217
	Any Non-White vs. White	-0.0006216	0.0005229	0.2372508	0.0013514	9,607	0.4745015
RISP Lincoln	Black vs. White	0.0014382	0.0006147	0.0208117	0.0024659	16,624	0.1585809
	Hispanic vs. White	-0.000026	0.0003035	0.9319748	0.0024659	15,364	0.9558716
	Any Non-White vs. White	0.0007111	0.0004582	0.1230184	0.0024659	21,482	0.4352161
RISP Portsmouth	Black vs. White	-0.0004425	0.0008194	0.5925094	0.0039526	652	0.740742
	Hispanic vs. White	0.0001562	0.0007795	0.8423483	0.0039526	630	0.939575
	Any Non-White vs. White	-0.0000482	0.0004608	0.9173035	0.0039526	742	0.9408241
RISP Scituate	Black vs. White	-0.0008495	0.0005181	0.1042509	0.0011494	5,640	0.3790941
	Hispanic vs. White	-0.0007327	0.0004463	0.103924	0.0011494	5,492	0.5300513
	Any Non-White vs. White	-0.0008249	0.0004937	0.097752	0.0011494	6,948	0.391008
RISP Wickford	Black vs. White	0.0012188	0.0009102	0.1833068	0.0010159	9,128	0.489789
	Hispanic vs. White	0.000314	0.0005694	0.5824484	0.0010159	8,714	0.8396217
	Any Non-White vs. White	0.0008258	0.0006676	0.2187083	0.0010159	10,815	0.4604386
Scituate	Black vs. White	-0.0034	0.0028748	0.2618693	0.0103774	1,948	0.5647436
	Hispanic vs. White	0.0110815	0.0119265	0.3727539	0.0103774	1,968	0.7318337
	Any Non-White vs. White	0.0043182	0.0049887	0.4051925	0.0103774	2,118	0.623373
Smithfield	Black vs. White	0.0066021	0.0046696	0.1662406	0.0071264	3,992	0.489789
	Hispanic vs. White	0.0116224	0.0091634	0.2130471	0.0071264	3,842	0.5864559
	Any Non-White vs. White	0.0067024	0.0051181	0.198878	0.0071264	4,347	0.4604386
South Kingstown	Black vs. White	0.0162059	0.0069147	0.0237871	0.0276106	5,297	0.1585809
	Hispanic vs. White	0.002253	0.0082332	0.7856684	0.0276106	4,982	0.939575
	Any Non-White vs. White	0.0091845	0.0059588	0.1305648	0.0276106	5,649	0.4352161
Tiverton	Black vs. White	0.0147499	0.0115138	0.2119261	0.0572827	3,812	0.5298154
	Hispanic vs. White	0.0074667	0.0057597	0.2066846	0.0572827	3,492	0.5864559
	Any Non-White vs. White	0.0107123	0.0080985	0.1978898	0.0572827	4,084	0.4604386

Table F.14: Analysis of Discretionary Search by Department, 2021

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Warwick	Black vs. White	-0.0003921	0.0021064	0.8526738	0.0057808	11,826	0.8975514
	Hispanic vs. White	0.0013675	0.0030123	0.6507068	0.0057808	11,412	0.8396217
	Any Non-White vs. White	-0.0005266	0.0022611	0.8162665	0.0057808	13,142	0.9069628
West Greenwich	Black vs. White	0.0025774	0.0457313	0.9561649	0.0619835	436	0.980682
	Hispanic vs. White	0.0476748	0.0273616	0.1120489	0.0619835	443	0.5300513
	Any Non-White vs. White	0.0092427	0.0189221	0.6357595	0.0619835	484	0.7946993
West Warwick	Black vs. White	0.0045107	0.0163713	0.7848671	0.0067064	1,239	0.848505
	Hispanic vs. White	0.0046315	0.0091563	0.6170842	0.0067064	1,192	0.8396217
	Any Non-White vs. White	0.001853	0.0103521	0.8591822	0.0067064	1,339	0.9244526
Westerly	Black vs. White	0.0179002	0.0089892	0.0524055	0.036641	5,930	0.2329132
	Hispanic vs. White	0.028746	0.0169896	0.0974145	0.036641	5,767	0.5300513
	Any Non-White vs. White	0.0201959	0.0075323	0.0100862	0.036641	6,349	0.0809309
Woonsocket	Black vs. White	0.0049628	0.0110367	0.6546006	0.0851009	2,813	0.7701184
	Hispanic vs. White	0.0034583	0.0056615	0.5435753	0.0851009	3,046	0.8362697
	Any Non-White vs. White	0.0022754	0.0053965	0.6747649	0.0851009	3,859	0.8178968

Table F.15: Analysis of Discretionary Search by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	0.0016161	0.001901	0.3985761	0.0009294	6,007	0.6052452
	Hispanic vs. White	-0.0001884	0.0002026	0.3561408	0.0009294	5,828	0.5567254
	Any Non-White vs. White	0.0007331	0.0010516	0.4883446	0.0009294	6,448	0.6440502
Bristol	Black vs. White	0.0071441	0.0063768	0.2655579	0.0047331	9,591	0.5184701
	Hispanic vs. White	0.009001	0.0062472	0.1531449	0.0047331	9,350	0.3745991
	Any Non-White vs. White	0.0076931	0.0044253	0.08555	0.0047331	9,923	0.2192219
Burrillville	Black vs. White	-0.0008809	0.0061903	0.8872838	0.0253322	11,517	0.9056042
	Hispanic vs. White	0.0028509	0.0075937	0.7085675	0.0253322	11,536	0.8006369
	Any Non-White vs. White	0.001455	0.0052865	0.7839779	0.0253322	12,036	0.8241819
Central Falls	Black vs. White	0.0033376	0.0036587	0.3640318	0.0194068	6,614	0.5753726
	Hispanic vs. White	0.0001743	0.0017941	0.9228221	0.0194068	9,529	0.9458926
	Any Non-White vs. White	0.0012615	0.0020214	0.5340905	0.0194068	11,795	0.6440502
Charlestown	Black vs. White	0.0047551	0.0051958	0.3648705	0.0066199	7,308	0.5753726
	Hispanic vs. White	-0.0040472	0.0011969	0.0014796	0.0066199	7,145	0.0192249
	Any Non-White vs. White	0.0016463	0.0036567	0.6546773	0.0066199	7,695	0.7669076
Coventry	Black vs. White	-0.001298	0.0029109	0.6564628	0.0093163	11,810	0.7406691
	Hispanic vs. White	-0.00329	0.0043764	0.4536811	0.0093163	11,595	0.6388178
	Any Non-White vs. White	-0.0025427	0.0026277	0.3351552	0.0093163	12,339	0.5533976
Cranston	Black vs. White	0.0007227	0.0004172	0.0844032	0.0041596	57,292	0.2471808
	Hispanic vs. White	0.0001181	0.0002872	0.6812866	0.0041596	61,403	0.8006369
	Any Non-White vs. White	0.0002431	0.0002543	0.3400094	0.0041596	74,504	0.5533976
Cumberland	Black vs. White	0.0005593	0.0012069	0.6439618	0.0023011	13,192	0.7406691
	Hispanic vs. White	0.0004255	0.0010703	0.691728	0.0023011	13,783	0.8006369
	Any Non-White vs. White	0.0003129	0.0008111	0.7003562	0.0023011	15,642	0.7976279
East Greenwich	Black vs. White	0.0104981	0.006901	0.1324038	0.0080041	3,626	0.3193267
	Hispanic vs. White	0.0096026	0.0067578	0.1594702	0.0080041	3,561	0.3745991
	Any Non-White vs. White	0.007565	0.0035154	0.0345731	0.0080041	3,869	0.1488143
East Providence	Black vs. White	0.0098122	0.0036625	0.0080829	0.0527041	19,180	0.0552332
	Hispanic vs. White	0.0079481	0.0041511	0.0571654	0.0527041	16,885	0.3292301
	Any Non-White vs. White	0.0078518	0.0029735	0.0090083	0.0527041	21,746	0.0615566
Foster	Black vs. White	-0.0014086	0.005011	0.7816684	0.021978	1,379	0.843379
	Hispanic vs. White	-0.0095716	0.0045467	0.0495821	0.021978	1,362	0.3292301
	Any Non-White vs. White	-0.0060045	0.0027224	0.0399258	0.021978	1,541	0.1488143
Glocester	Black vs. White	0.0097983	0.0079749	0.2265716	0.008542	6,464	0.4889177
	Hispanic vs. White	0.0065201	0.0049116	0.1918678	0.008542	6,365	0.3745991
	Any Non-White vs. White	0.0041293	0.0047506	0.3899138	0.008542	6,784	0.5826939
Hopkinton	Black vs. White	-0.0019039	0.0080141	0.8134903	0.0369718	4,708	0.8552078
	Hispanic vs. White	0.0113892	0.0099046	0.2575684	0.0369718	4,623	0.4591438
	Any Non-White vs. White	0.0010682	0.0060483	0.8607517	0.0369718	5,108	0.8822705
Jamestown	Black vs. White	0.0091814	0.006595	0.1724114	0.0395604	5,087	0.3927149
	Hispanic vs. White	0.0144515	0.0103125	0.1692247	0.0395604	4,979	0.3745991
	Any Non-White vs. White	0.0064576	0.0051404	0.2166985	0.0395604	5,457	0.4230781
Johnston	Black vs. White	0.0015224	0.0009653	0.1168945	0.001875	14,145	0.303369
	Hispanic vs. White	0.0019238	0.0009181	0.0378374	0.001875	14,981	0.3102669
	Any Non-White vs. White	0.0013917	0.0006334	0.0295512	0.001875	17,053	0.1488143
Lincoln	Black vs. White	0.0004017	0.0033764	0.9056042	0.0129267	2,458	0.9056042
	Hispanic vs. White	0.0027648	0.0031854	0.388119	0.0129267	2,569	0.5683171
	Any Non-White vs. White	0.0018814	0.0029093	0.5197541	0.0129267	3,009	0.6440502
Little Compton	Black vs. White	0.0092068	0.0092452	0.3288673	0.0143866	3,593	0.561815
	Hispanic vs. White	0.001982	0.0044771	0.6617986	0.0143866	3,643	0.8006369
	Any Non-White vs. White	0.0053608	0.0062331	0.3979373	0.0143866	3,818	0.5826939
Middletown	Black vs. White	0.0065624	0.0035688	0.0690032	0.0231729	11,132	0.2316091
	Hispanic vs. White	0.0058535	0.0037487	0.1216667	0.0231729	10,078	0.3563097
	Any Non-White vs. White	0.0055962	0.0027768	0.0466387	0.0231729	12,336	0.1593488
Narragansett	Black vs. White	0.0153635	0.0047075	0.001459	0.0115175	17,613	0.0199401
	Hispanic vs. White	0.0076693	0.0045019	0.0912312	0.0115175	17,138	0.3510993
	Any Non-White vs. White	0.0108689	0.0033754	0.0016776	0.0115175	18,740	0.0137567

Table F.15: Analysis of Discretionary Search by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Newport	Black vs. White	0.0359049	0.0059941	1.31E-08	0.0325735	14,252	2.69E-07
	Hispanic vs. White	0.0149969	0.0047415	0.0018756	0.0325735	12,832	0.0192249
	Any Non-White vs. White	0.0244964	0.0041759	2.44E-08	0.0325735	15,736	5.00E-07
North Kingstown	Black vs. White	-0.0034203	0.0034605	0.324808	0.0170774	11,859	0.561815
	Hispanic vs. White	0.0011641	0.0032713	0.722526	0.0170774	11,582	0.8006369
	Any Non-White vs. White	-0.0024983	0.0024288	0.3055736	0.0170774	12,813	0.5447182
North Providence	Black vs. White	-0.001967	0.0010894	0.073437	0.006158	10,639	0.2316091
	Hispanic vs. White	-0.0020072	0.0012828	0.1202621	0.006158	9,943	0.3563097
	Any Non-White vs. White	-0.0018989	0.0010169	0.0642433	0.006158	13,310	0.1755982
North Smithfield	Black vs. White	0.003495	0.0022137	0.1183879	0.004203	10,548	0.303369
	Hispanic vs. White	0.0030634	0.001808	0.0941974	0.004203	10,488	0.3510993
	Any Non-White vs. White	0.0022869	0.0015295	0.1388485	0.004203	13,081	0.316266
Pawtucket	Black vs. White	0.0036799	0.001532	0.0170052	0.0137759	22,893	0.0871516
	Hispanic vs. White	0.0008644	0.0012714	0.4972045	0.0137759	20,476	0.6435698
	Any Non-White vs. White	0.0022232	0.0011632	0.0570494	0.0137759	29,233	0.1755982
Portsmouth	Black vs. White	0.001542	0.0014766	0.2989014	0.0041529	24,640	0.5570435
	Hispanic vs. White	0.000029	0.0016771	0.9862207	0.0041529	22,797	0.9862207
	Any Non-White vs. White	0.0007198	0.0005268	0.174983	0.0041529	26,958	0.3775948
Providence	Black vs. White	0.0891586	0.0071853	1.88E-19	0.2351224	15,379	7.70E-18
	Hispanic vs. White	0.0565111	0.0076233	2.04E-10	0.2351224	15,926	8.37E-09
	Any Non-White vs. White	0.0669536	0.0063005	2.52E-16	0.1972677	23,633	1.03E-14
Richmond	Black vs. White	0.0037783	0.008737	0.6684088	0.0111763	3,385	0.7406691
	Hispanic vs. White	0.0051467	0.0069955	0.4674277	0.0111763	3,291	0.6388178
	Any Non-White vs. White	0.0028464	0.0045075	0.5322046	0.0111763	3,574	0.6440502
RISP Hope Valley	Black vs. White	0.0004934	0.0006993	0.4810418	0.0031144	21,524	0.6800935
	Hispanic vs. White	0.0012991	0.0010491	0.2165447	0.0031144	20,410	0.4035605
	Any Non-White vs. White	0.0005668	0.0006952	0.4155247	0.0031144	26,280	0.587466
RISP Lincoln	Black vs. White	0.0002784	0.0004548	0.5408725	0.0037359	41,013	0.7391924
	Hispanic vs. White	-0.0006129	0.000465	0.1881857	0.0037359	39,083	0.3745991
	Any Non-White vs. White	-0.0001309	0.0003975	0.7420859	0.0037359	53,221	0.8085375
RISP Portsmouth	Black vs. White	-0.0001905	0.0003498	0.5870789	0.0024704	1,783	0.7406691
	Hispanic vs. White	0.0000701	0.0003482	0.8407542	0.0024704	1,691	0.8838698
	Any Non-White vs. White	-0.0000218	0.0002077	0.9165622	0.0024704	1,974	0.9165622
RISP Scituate	Black vs. White	-0.000862	0.0002986	0.0042031	0.0012696	14,890	0.0430819
	Hispanic vs. White	-0.0004619	0.0004344	0.2886106	0.0012696	14,787	0.4733213
	Any Non-White vs. White	-0.0007666	0.0003692	0.0387658	0.0012696	18,054	0.1488143
RISP Wickford	Black vs. White	0.000403	0.0007165	0.5741397	0.0046516	26,977	0.7406691
	Hispanic vs. White	0.0002263	0.0008896	0.7993262	0.0046516	26,216	0.8624309
	Any Non-White vs. White	0.0001883	0.0005891	0.7493762	0.0046516	31,771	0.8085375
Scituate	Black vs. White	0.0027775	0.0056249	0.6242234	0.0075862	4,070	0.7406691
	Hispanic vs. White	0.0120227	0.0087051	0.1749109	0.0075862	4,081	0.3745991
	Any Non-White vs. White	0.0051036	0.0037974	0.1865356	0.0075862	4,345	0.382398
Smithfield	Black vs. White	0.0056731	0.0026822	0.0367916	0.0051061	10,420	0.1508457
	Hispanic vs. White	0.0050557	0.003782	0.1841853	0.0051061	10,195	0.3745991
	Any Non-White vs. White	0.0044638	0.0023577	0.0610774	0.0051061	11,349	0.1755982
South Kingstown	Black vs. White	0.0063788	0.0034071	0.0632934	0.0177409	15,749	0.2316091
	Hispanic vs. White	0.0049202	0.0045507	0.281506	0.0177409	14,912	0.4733213
	Any Non-White vs. White	0.0043886	0.0027868	0.1176003	0.0177409	16,734	0.2836242
Tiverton	Black vs. White	0.0186873	0.0071548	0.0111049	0.0650373	9,061	0.0650428
	Hispanic vs. White	0.0098418	0.0060093	0.1061605	0.0650373	8,518	0.3563097
	Any Non-White vs. White	0.0136642	0.0052404	0.0112349	0.0650373	9,653	0.0658044
Warwick	Black vs. White	0.0006288	0.0012863	0.6252661	0.00747	37,640	0.7406691
	Hispanic vs. White	0.0036131	0.0020839	0.0838884	0.00747	36,714	0.3510993
	Any Non-White vs. White	0.0013389	0.0012345	0.2788969	0.00747	41,744	0.5197624
West Greenwich	Black vs. White	0.0200308	0.025649	0.440948	0.0621118	2,125	0.6456738
	Hispanic vs. White	0.0136685	0.0201283	0.5022984	0.0621118	2,131	0.6435698
	Any Non-White vs. White	0.0100063	0.0152782	0.5174993	0.0621118	2,254	0.6440502

Table F.15: Analysis of Discretionary Search by Department, 2019-21

Level	Comparison	B=	SE=	P=	Y_Mean=	N=	Qvalue=
West Warwick	Black vs. White	0.0052515	0.0045144	0.2475387	0.0078933	11,715	0.5074544
	Hispanic vs. White	0.0028574	0.0031498	0.366624	0.0078933	11,440	0.5567254
	Any Non-White vs. White	0.0029959	0.0031965	0.3509351	0.0078933	12,650	0.5533976
Westerly	Black vs. White	0.0138992	0.0051393	0.0074862	0.0319988	18,279	0.0552332
	Hispanic vs. White	0.0146898	0.0078906	0.06424	0.0319988	17,676	0.3292301
	Any Non-White vs. White	0.0128872	0.003931	0.0012471	0.0319988	19,511	0.012783
Woonsocket	Black vs. White	0.0122528	0.005203	0.0194523	0.0677454	9,913	0.0886162
	Hispanic vs. White	0.0143119	0.0039678	0.0003844	0.0677454	10,674	0.0078803
	Any Non-White vs. White	0.0120258	0.0036391	0.0011081	0.0677454	13,202	0.012783