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INSTITUTE FOR MUNICIPAL AND REGIONAL POLICY

TRAFFIC STOP DATA ANALYSIS AND FINDINGS, 2020

For the State of Rhode Island

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Disclaimer

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EXECUTIVE SUMMARY OF FINDINGS

This is the fifth 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, 2020, to December 31, 2020. We also present findings from a three-year aggregate analysis of stops reported between January 1, 2018, and December 31, 2020. Traffic stops were reported by 36 municipal police departments[2], and the Rhode Island State Police. In 2020, Rhode Island conducted approximately 152,000 traffic stops, with 67 percent involving White motorists, 17 percent involving Black motorists, and 13 percent involving Hispanic motorists. Over the three-year aggregate, Rhode Island reported over 645,000 traffic stops, with White motorists comprising 68 percent, Black motorists 13 percent, and Hispanic motorists 16 percent.

Traffic enforcement was down more than 37 percent in 2020 compared to the previous year. The State of Rhode Island was significantly impacted by the COVID-19 pandemic starting in mid-March 2020. By April 2020, residents began working from home in large numbers, retail and entertainment establishments were temporarily closed, schools were closed, and there were far fewer drivers on the roads. Police departments were also trying to reduce contact with the public, where appropriate, to reduce the potential transmission of COVID-19. April 2020 was the most impacted month, with fewer than 1,000 traffic stops. Although traffic enforcement increased in May 2020, it remained relatively suppressed for the rest of the year.

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, traffic stops tended to last longer and were more likely to be subjected to non-safety-related enforcement compared to White drivers. 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 2018 and 2020.

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.

- Non-White motorists (Black and Hispanic) are more likely to be stopped during daylight compared to darkness, indicating a statistically significant disparity.
- In 2020, Black motorists were 1.4 percentage points (6.5 percent) and Hispanic motorists were 2.2 percentage points (9.9 percent) more likely to be stopped during daylight.
- Over the years analyzed (2018–2020), disparities were comparable in magnitude and statistical significance and survived multiple robustness tests.

- In 2020, we identified 11 municipal agencies and two state police barracks 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.

- We identified five municipal agencies with statistically significant disparities that survived the robustness tests. In these agencies, non-White motorists are more frequently stopped by police relative to their respective benchmark group.

Search Hit-Rate Analysis:
Examined racial disparities in the likelihood of a discretionary search resulting in evidence being found.

- Statewide, non-White motorists were less likely to have evidence found during a search compared to White motorists between 2018 and 2020. For example, searches of Black motorists were 12.4 percentage points less likely to find contraband, while searches of Hispanic motorists were 16.2 percentage points less likely.
- In 2020, we identified seven municipal agencies and one state police barracks where non-White individuals were more frequently searched by police relative to their contraband-finding rate, 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).

- Black and Hispanic motorists were more likely to be arrested following a traffic stop compared to White motorists. For example, Black motorists were 43.1 percent more likely to be arrested in 2020, while Hispanic motorists were 31.3 percent more likely to be arrested.
- Traffic stops involving Black and Hispanic motorists tended to last longer than those involving White motorists. Black motorists experienced stops 31.8 percent longer, and Hispanic motorists faced stops 25.3 percent longer.
- Black and Hispanic motorists were more likely to be subjected to non-safety-related enforcement. These stops occurred 31.8 percent more frequently for Black motorists and 25.3 percent more for Hispanic motorists.
- We found no difference in the rate of discretionary searches for Black or Hispanic individuals compared to White individuals.

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. Additionally, the data is being analyzed more than three years after the end of the study period, and more recent data trends provide a more appropriate barometer of department-level racial and ethnic disparities that warrant additional analysis. Based on the significant impact the COVID-19 pandemic had on traffic enforcement patterns and the availability of more recent data, we do not recommend any departments for further analysis 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 individual 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 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 a 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. 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.

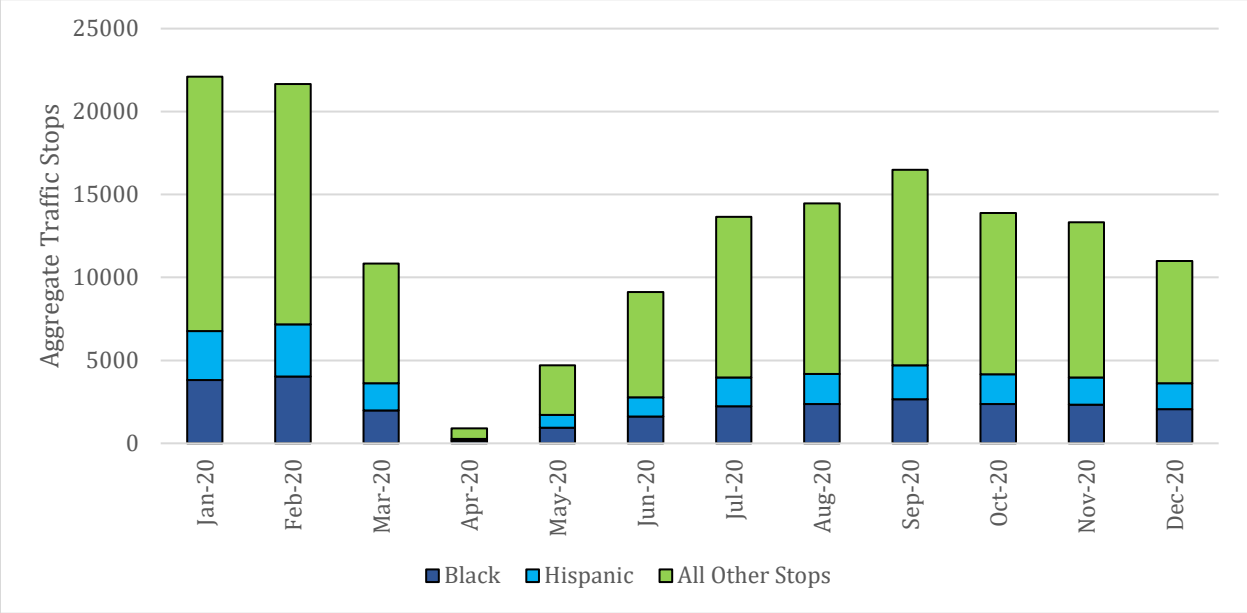
In summary, the analysis aims to identify statistically significant racial and ethnic disparities in traffic stop data. A variety of tests are applied to offer a comprehensive approach, incorporating lessons from both academic research and policy applications. Detailed explanations of each test's assumptions 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, 2020, to December 31, 2020. Participation in this analysis was voluntary, and 36 municipal police departments and the Rhode Island State Police participated[3]. 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 the technical appendix B.

In Rhode Island, more than 152,000 traffic stops were conducted during the 12-month study period. Over 79 percent of the total reported stops were conducted by the 36 municipal police departments, and the state police conducted 21 percent of the total stops. Traffic enforcement was down more than 37 percent in 2020 compared to the previous year. The State of Rhode Island was significantly impacted by the COVID-19 pandemic starting in mid-March 2020. By April 2020, residents began working from home in large numbers, retail and entertainment establishments were temporarily closed, schools were closed, and there were far fewer drivers on the roads. Police departments were also trying to reduce contact with the public, where appropriate, to reduce the potential transmission of COVID-19. April 2020 was the most impacted month, with only about 1,000 traffic stops. Although traffic enforcement increased in May 2020, it remained relatively suppressed for the rest of the year. 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 in 2018, and decreased slightly in 2019. It significantly decreased by 37 percent in 2020, clearly because of the COVID-19 pandemic. 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 University of Rhode Island, Department of Environmental Management, and Warren Police departments.

Figure 2. 2: Number of traffic stops, 2016-20

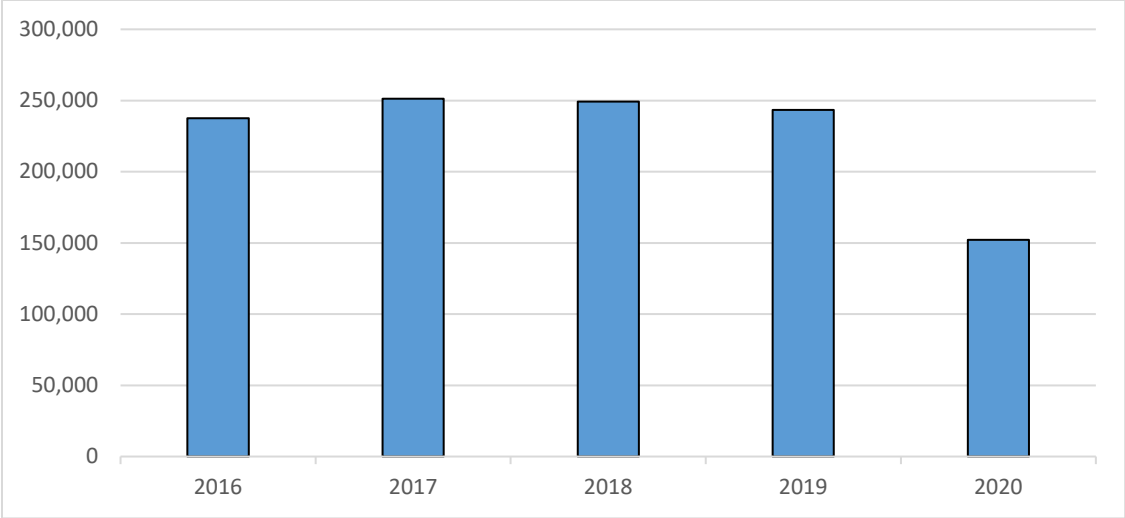


Figure 2.3 displays traffic stops by time of day for the analysis period. As can be seen from the figure, the total volume of traffic stops fluctuates significantly across different times of the day. The highest hourly volume of traffic stops in the sample occurred from midnight to one in the morning and accounted for 6.4 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

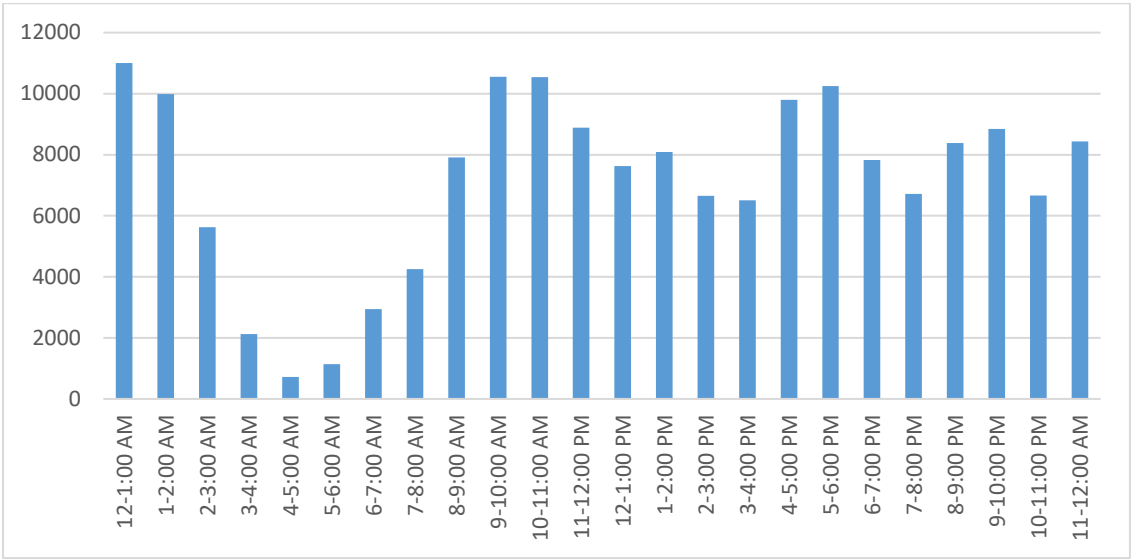


Figure 2.4 displays traffic stops by day of the week for the analysis period. This figure shows that traffic stops increase throughout the week and peak on Wednesdays. Traffic stops decline on the weekends, with the smallest number occurring on Sundays. This decline may be due to decreased traffic volume 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

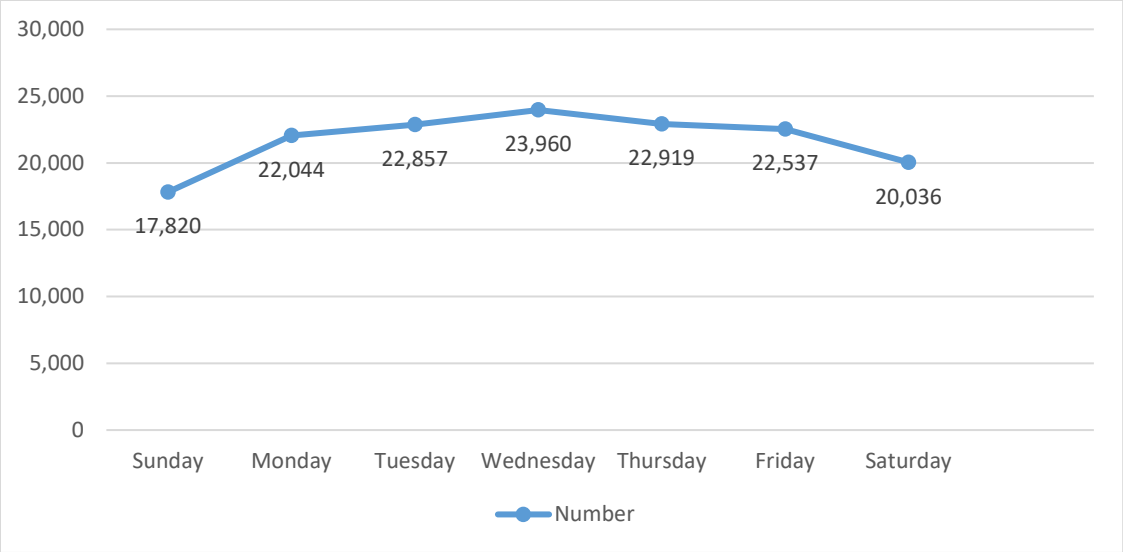
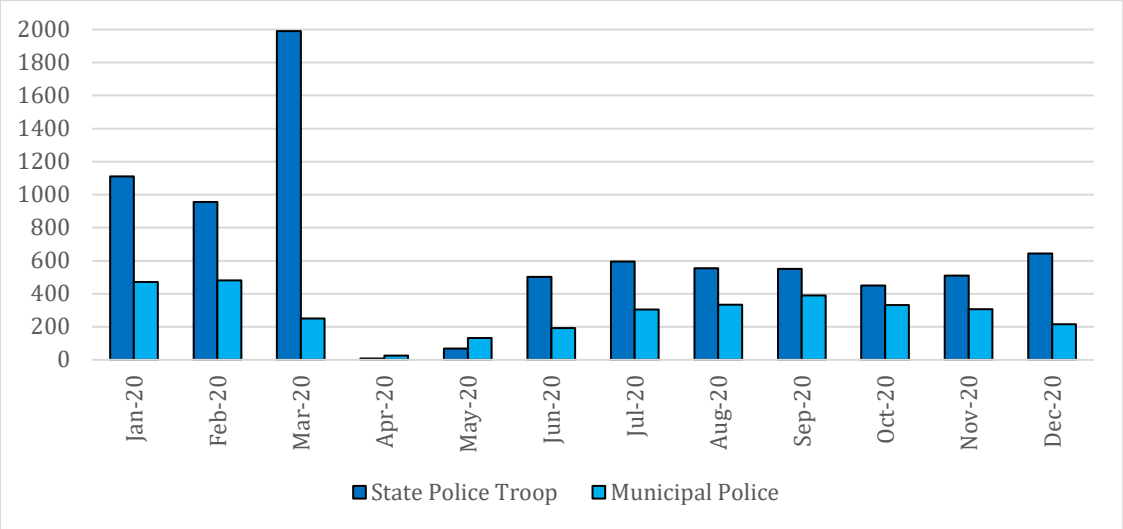


Figure 2.5 illustrates the average number of monthly traffic stops for municipal police agencies and the state police. The data again illustrates the significant impact COVID-19 had on overall enforcement levels for both the state police and municipal police departments. Municipal police departments averaged 477 traffic stops each in the first two months of 2020. From March 2020 through December 2020, municipal police departments averaged only 248 monthly stops. It is important to note that municipal police departments only averaged 25 stops in April 2020. State police traffic stops also varied greatly throughout the calendar year. Each barracks averaged 1,352 stops between January and March 2020. Between April and December, state police averaged 432 monthly stops for each troop. State Police barracks only averaged eight traffic stops in April 2020.

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. The agencies with active traffic units may produce a higher volume of traffic stops. The rate of traffic stops per 1,000 residents in the population helps

to compare the stop activity between agencies. The five municipal police agencies with the highest stop rate per 1,000 residents are Portsmouth, Jamestown, Narragansett, Westerly, and Cranston. Conversely, Providence, Barrington, Lincoln, Scituate, and East Greenwich 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 B.1 of Appendix B shows the stops per 1,000 residents for all 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	152,173	178
Municipal Departments with the Highest Rate of Traffic Stops			
Portsmouth	13,947	7,245	519
Jamestown	4,533	1,513	334
Narragansett	13,937	4,453	320
Westerly	18,571	5,415	292
Cranston	66,140	19,123	289
Central Falls	14,379	3,981	277
Charlestown	6,524	1,769	248
Little Compton	2,925	726	248
Middletown	12,911	2,636	204
North Smithfield	9,857	2,002	203
Municipal Departments with the Lowest Rate of Traffic Stops			
Providence	141,451	5,108	36
Barrington	12,367	488	39
Lincoln	16,995	836	49
Scituate	8,415	496	59
East Greenwich	10,202	824	81
Woonsocket	32,349	2,695	83
Smithfield	18,325	1,552	85
Pawtucket	56,572	5,130	91
Bristol	19,780	1,927	97
Coventry	28,302	3,052	108

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

Table 2.2 presents some basic demographic data on persons stopped in Rhode Island between January 1, 2020, and December 31, 2020. Nearly two-thirds (64.2 percent) of motorists stopped were male. Almost half (46.1 percent) of the stopped motorists were under 30, compared to 20 percent over 50. Most stops in Rhode Island were White motorists (67 percent); 17.4 percent were Black; 13.4 percent were Hispanic; and 2.2 percent were all other races.

Table 2. 2: Statewide Driver Characteristics

Race and Ethnicity		Gender		Age	
White	67.0%	Male	64.2%	16 to 20	12.4%
				21 to 30	33.6%
Black	17.4%			31 to 40	20.8%
				41 to 50	13.4%
Hispanic	13.4%	Female	35.8%	51 to 60	11.3%
				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 (95 percent) instead of a stop made for investigatory purposes or motorist assistance. The most common violation drivers were stopped for was speeding (37 percent). An undefined traffic violation was also a significant reason for stopping a driver, with 31 percent of all stops resulting from an undefined traffic violation. After a driver was stopped, over 35 percent were given a ticket, while most of the remaining drivers received some warning (58 percent). Statewide, less than three percent of traffic stops resulted in the arrest of a driver, and only 2.4 percent of stops resulted in a search being conducted.

Table 2. 3: Statewide Stop Characteristics

Reason for Stop		Basis for Stop	
Investigatory	4.7%	Speeding	37.3%
Violation	95.3%	Equipment/Inspection	17.7%
Outcome of Stop		Motorist Assist	0.6%
Citation	35.3%	Other Traffic*	31.1%
Warning	57.8%	Registration	5.9%
Notice and Demand	0.8%	Seatbelt	4.7%
Arrest Driver	2.5%	Suspicious Person	1.1%
Arrest Passenger	0.2%	Violation of Ordinance	0.4%
No Action	3.4%	Special Detail/Directed Patrol	0.8%
Search Conducted	2.4%		

*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 nine categories, from speeding to registration and seatbelt violations. Speeding violations were the most often cited reason for stopping a motor vehicle. Statewide, over 37 percent of all motorists were stopped for speeding. The average municipal police department stop for speeding violations was 44 percent compared to the state police average of 48 percent. In 12 departments and two state police barracks, more than 50 percent of the traffic stops were for speeding violations. On the other hand, five 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	Speed Violation
Foster	641	88.0%
Glocester	1,359	77.0%
Richmond	1,029	71.9%
Hopkinton	1,250	68.3%
Burrillville	2,541	68.0%
Charlestown	1,769	67.4%
RISP - Portsmouth	119	66.3%
West Greenwich	555	65.0%
Scituate	496	61.3%
Jamestown	1,513	60.4%

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 eight 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 Violations
Bristol	1,927	53.5%
Newport	2,311	48.0%
Central Falls	3,981	47.5%
Cranston	19,123	41.0%
Johnston	3,864	38.5%
Providence	5,108	38.0%
Coventry	3,052	37.3%
Warwick	10,645	35.7%
Pawtucket	5,130	35.1%
Westerly	5,415	34.7%

Some communities have expressed concern about the stops made 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 and 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 considerable discretion concerning making the stop. Equipment and inspection-related violations were the third most common reason for stopping a vehicle in the state. A statewide combined average for stopping a motorist for an equipment or inspection violation is 17.7 percent. Thirteen municipal police departments and one state police barracks 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 for themselves 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
North Providence	3,369	41.6%
East Providence	4,622	36.3%
North Smithfield	2,002	34.6%
Newport	2,311	27.6%
Portsmouth	7,245	26.6%
Tiverton	2,182	26.1%
Cranston	19,123	25.8%
RISP - Scituate	1,867	24.6%
Barrington	488	24.0%
Pawtucket	5,130	21.3%

Many have argued that it is difficult for police to determine the defining characteristics of a driver before stopping and approaching the vehicle. Like 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 35 percent received a citation. Individual jurisdictions varied in their post-stop enforcement actions. Johnston issued infraction tickets in 84 percent of all traffic stops, the highest in the state. Newport only issued infraction tickets in 10 percent of all traffic stops, which is the lowest rate in the state. For state police, officers assigned to the Portsmouth Barracks issued the highest number of infractions (66 percent), and the Scituate Barracks issued the lowest number of infractions (44 percent). 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
Johnston	3,864	83.8%
RISP - Portsmouth	119	66.1%
North Providence	3,369	65.6%
Foster	641	59.8%
Scituate	496	57.7%
RISP - Lincoln	4,308	56.9%
RISP - Wickford	3,179	55.8%
Central Falls	3,981	55.1%
Smithfield	1,552	52.1%
Richmond	1,029	51.1%

On the other hand, Newport issued warnings 89 percent of the time (the highest rate), and Johnston issued 15 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	2,311	88.9%
Portsmouth	7,245	84.6%
Little Compton	726	79.9%
Burrillville	2,541	77.0%
Charlestown	1,769	76.5%
Coventry	3,052	74.4%
Barrington	488	73.2%
Jamestown	1,513	71.0%
Middletown	2,636	70.6%
Bristol	1,927	70.2%

Statewide, less than three percent of all traffic stops resulted in the arrest of a driver or passenger. As with infraction tickets and warnings, municipal departments varied in the percentage of arrests associated with traffic stops. The North Smithfield Police Department arrested the most people because of a traffic stop, with 7.9 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
North Smithfield	2,002	7.9%
Woonsocket	2,695	7.9%
Providence	5,108	7.6%
Tiverton	2,182	6.7%
West Warwick	3,562	5.8%
Narragansett	4,453	5.0%
Little Compton	726	4.5%
Cumberland	3,630	4.1%
Scituate	496	3.8%
Lincoln	836	3.8%

Rarely do traffic stops in Rhode Island result in the search of a vehicle, passenger, or driver. During the study period, only 2.4 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. Fifteen departments exceeded the statewide average for searches, but the highest percentage was found in Providence (12.6 percent), Woonsocket (8.9 percent), East Providence (6.3 percent), and Westerly (5.9 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 Stops	Resulted in Search
Providence	5,108	12.6%
Woonsocket	2,695	8.9%
East Providence	4,622	6.3%
Westerly	5,415	5.9%

Department Name	Total Stops	Resulted in Search
Tiverton	2,182	5.8%
Coventry	3,052	5.2%
Newport	2,311	5.1%
North Smithfield	2,002	4.8%
Middletown	2,636	4.6%
Pawtucket	5,130	3.7%

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

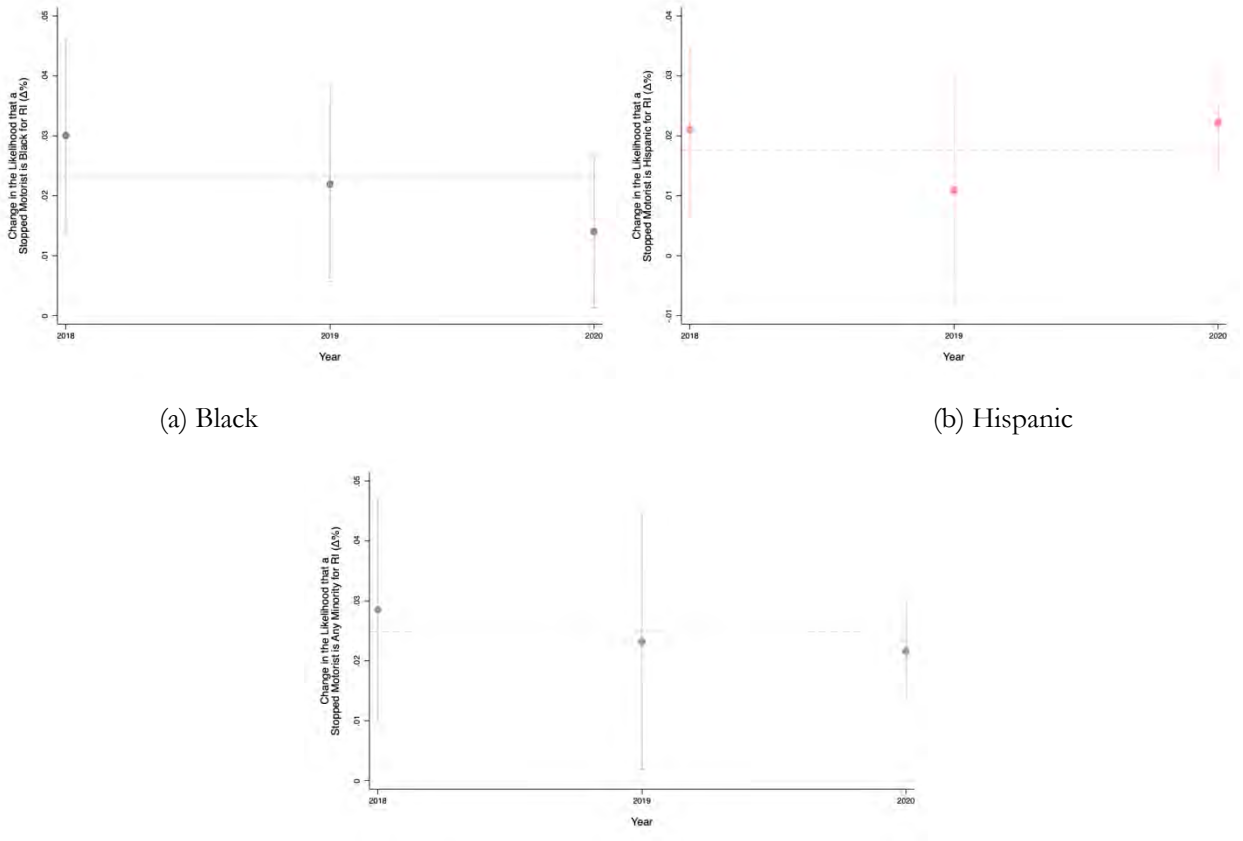
Figure 3.1 reports the results of applying the solar visibility test to each of the three years between January 2018 and December 2020. We use ordinary least squares to regress a binary indicator variable of race/ethnicity on daylight and controls for hour of the day, day of the week, and year. The reference group across all specifications is held constant and consists of stops made of White individuals. We cluster standard errors on the 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 2020, we estimate a marginally significant ($p<0.096$) and positive change ($b=1.4$ percentage points or 6.5 percent) in the likelihood of a Black individual being stopped in daylight, which is indicative of potential disparate treatment. In panel (b), we estimate a significant ($p<0.006$) and positive change ($b=2.2$ percentage points or 9.9 percent) in the likelihood of a Hispanic individual being stopped in daylight, which is indicative of potential disparate treatment. In panel (c), we estimate a significant

[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.

(p<0.007) and positive change (b=2.2 percentage points or 6.2 percent) in the likelihood of any non-White driver being stopped in daylight, which is indicative of potential disparate treatment. Results for 2018 and 2019 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 and disaggregated by agency type.

Figure 3. 1: Aggregate Solar Visibility Analysis by Year



(a) Black

(b) Hispanic

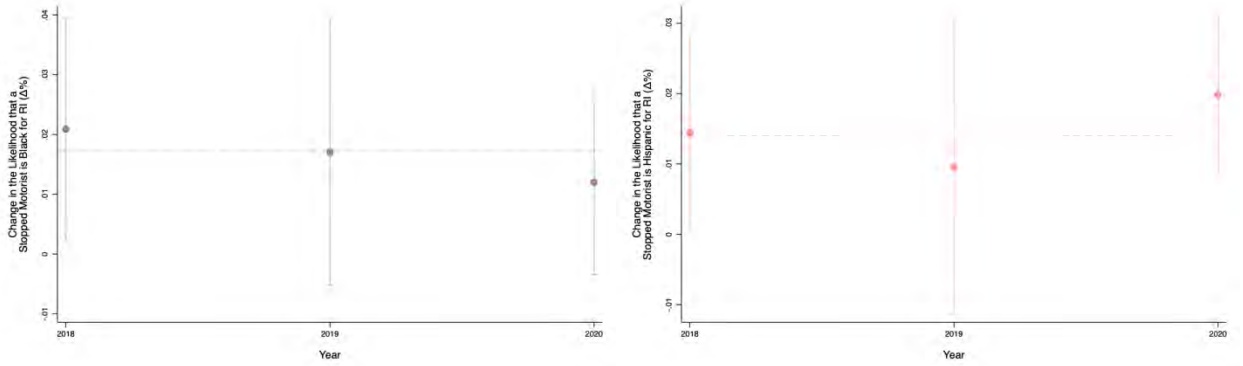
(c) Any Non-White

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.

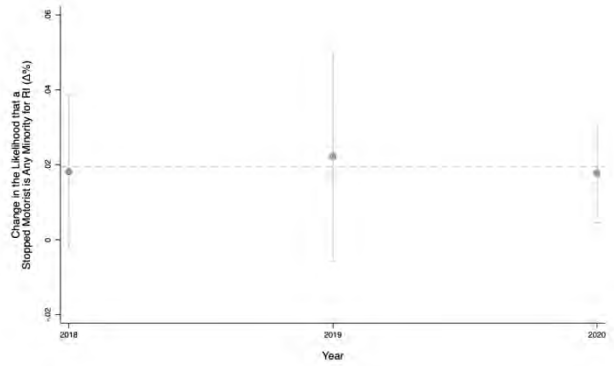
The main estimates contained in Figure 3.1 are potentially biased by the fact that certain types of endogenous violations, i.e., those correlated with visibility and race/ethnicity via socio-economic status (e.g., lighting, cellphone, and seatbelt violations). In Figure 3.2, we estimate the solar visibility test on a restricted subsample that excludes stops made for possibly endogenous violations.[6] However, we note that the reason for the stop listed in the stop data is not very detailed, and we are somewhat limited in our ability to impose this sample restriction. In general, the results with this much more restrictive subsample of stops are generally consistent with the main estimates. Appendix Table C.2 contains detailed statistics associated with the results and 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, and cell phones and other distractions.

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



(a) Black (b) Hispanic

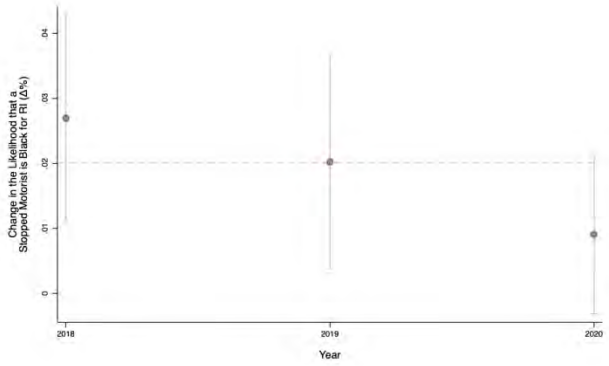


(c) Any Non-White

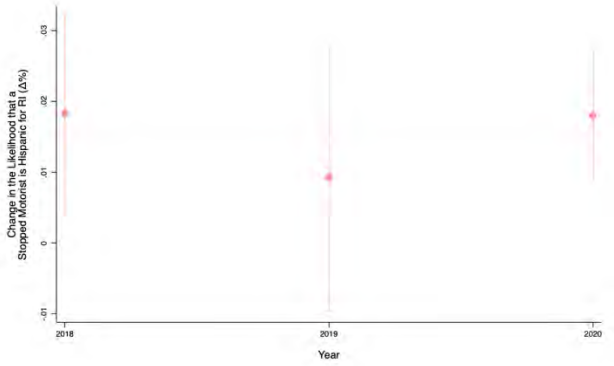
Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit 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 to the main estimates contained in Figure 3.1 is a violation of the assumption that individuals' underlying relative risk set is invariant to changes in visibility. Since we do not have data on the underlying driving population, we cannot test for balance regarding individual attributes across daylight and darkness. To address this potential concern and data limitation, we proceed by assuming a balance failure and controlling for individual attributes (i.e., gender and age) in our primary model. As shown below in Figure 3.3, the results are very similar to the estimates presented above, suggesting that failures of balance are not driving our main results. We still identify significant disparities across all three groups in 2020. Appendix Table C.3 contains detailed statistics associated with the results and disaggregated by agency type.

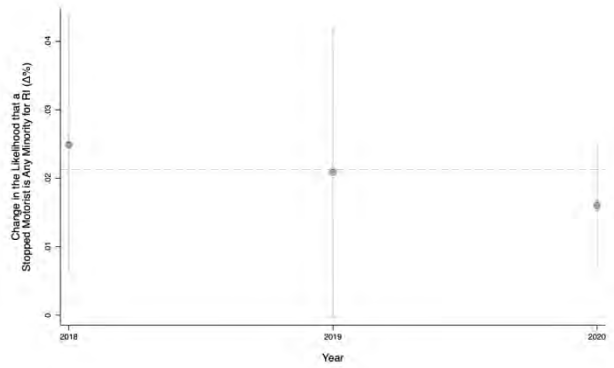
Figure 3. 3: Robustness Test with Controls for Individual Characteristics by Year



(a) Black



(b) Hispanic

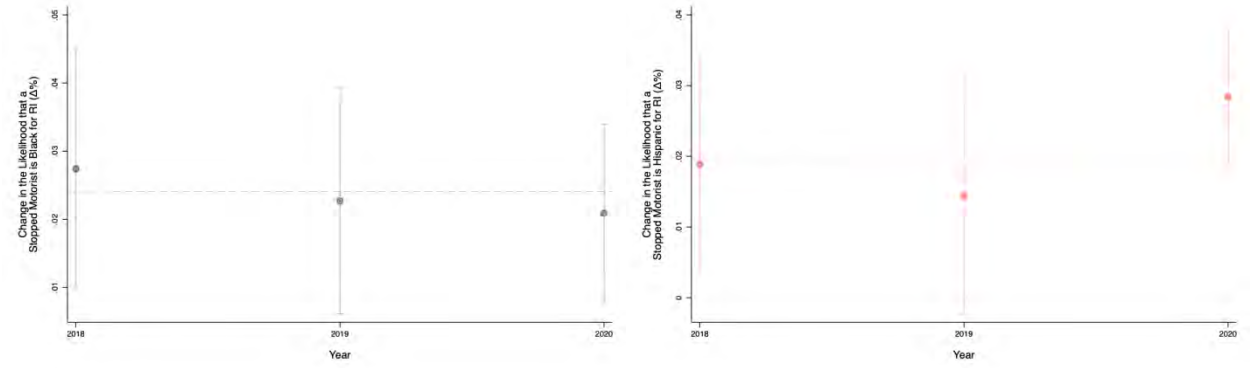


(c) Any Non-White

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.

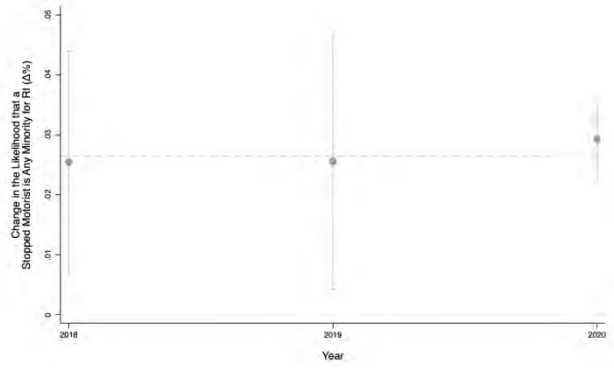
Another concern about robustness relates to the possibility that the main estimates contained in Figure 3.1 suffer from unobserved variable bias related to specific officer duties, shifts, and patrol areas. Since specific officers vary across several dimensions that are not captured in our main set of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

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



(a) Black

(b) Hispanic

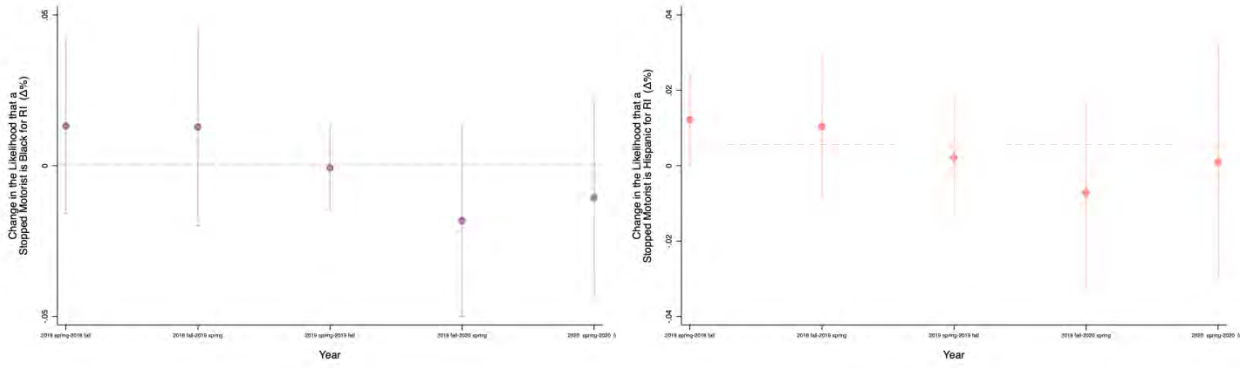


(c) Any Non-White

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.

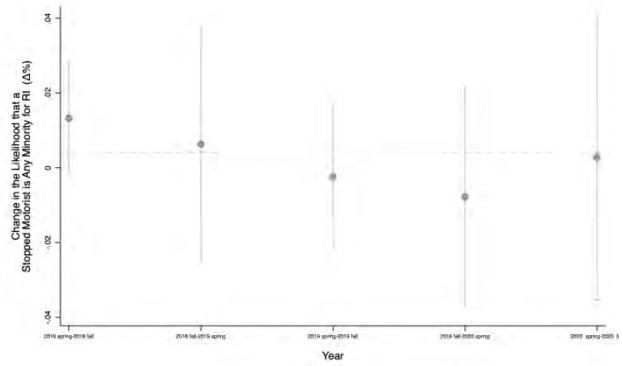
A fourth and final concern about robustness relates to the possibility that the main estimates in Figure 3.1 are driven by seasonal variation in the driving population. This is largely because the identifying variation in our main estimates comes from both seasonal changes in the timing of sunset as well as the discrete daylight savings time shift. To address this concern, we isolate a narrow window of time 21 days before/after the discrete spring and fall daylight savings time shift. Rather than 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 below in Figure 3.5, the estimates are qualitatively like our main estimates but extremely noisy. Appendix Table C.5 contains detailed statistics associated with the results and disaggregated by agency type.

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



(a) Black

(b) Hispanic



(c) Any Non-White

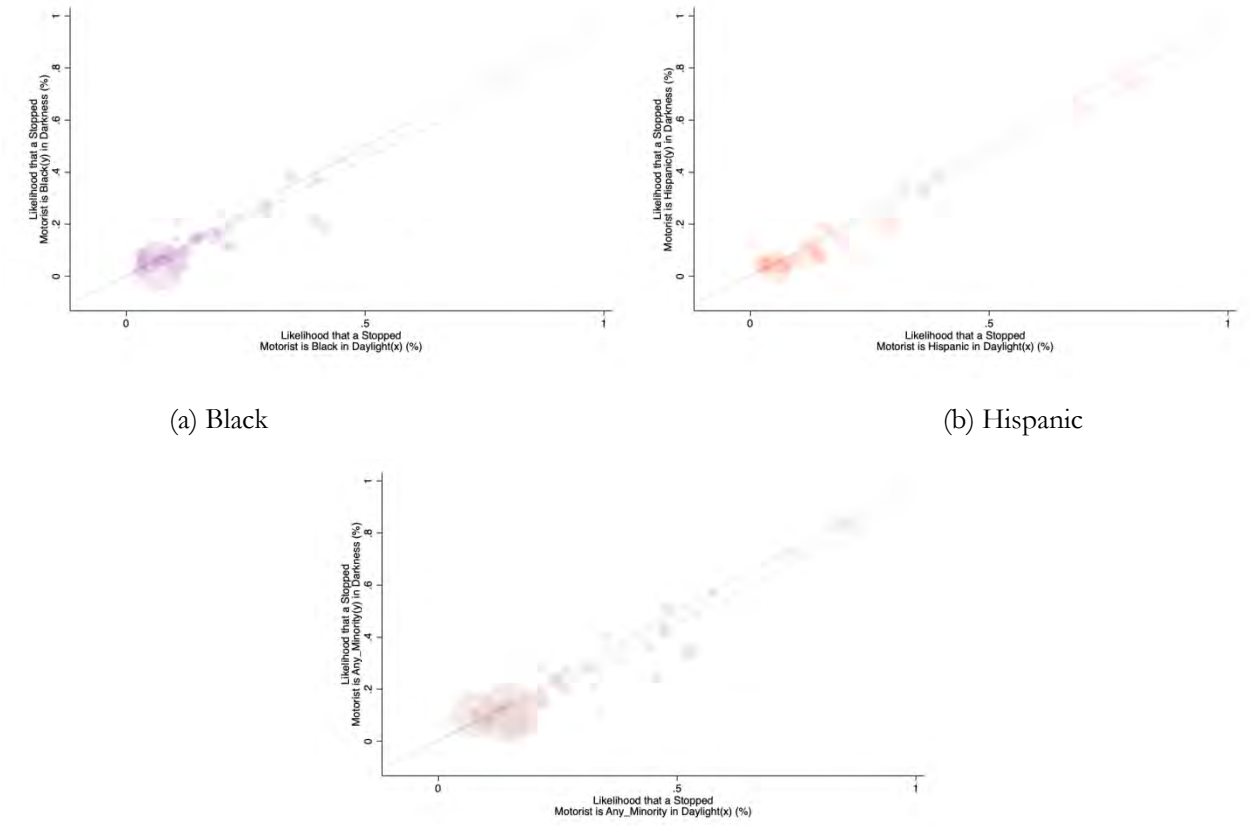
Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for race on an indicator for daylight and a series of granular control variables described in the main text. The unit 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 2020. 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 found 28 agencies with a higher likelihood of stopping these motorists in daylight, but only six agencies estimated a confidence level at or exceeding 95 percent, and five of those agencies had a false discovery rate below 10 percent. In panel (b), we find 28 agencies with a higher likelihood of stopping Hispanic motorists in daylight, but only seven agencies estimated a confidence level at or exceeding 95 percent, and three of those agencies had a false discovery rate below 10 percent. In panel (c), we find 28 agencies with a higher likelihood of stopping non-White motorists in daylight, but only nine agencies estimated a confidence level at or exceeding 95 percent, and four 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 individual agency.

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 13 agencies in the traffic stop data from 2020.[7] These agencies include Burrillville (Hispanic & Black); Charlestown (Black); Cranston (Black); Hopkinton (Black); Jamestown (Hispanic); Newport (Black & Hispanic); Providence (Hispanic); Richmond (Hispanic); RISP Hope Valley (Black & Hispanic); RISP Portsmouth (Black); Scituate (Hispanic); South Kingston (Hispanic); and Tiverton (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 prior to 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, 2020



(a) Black

(b) Hispanic

(c) Any Non-White

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.

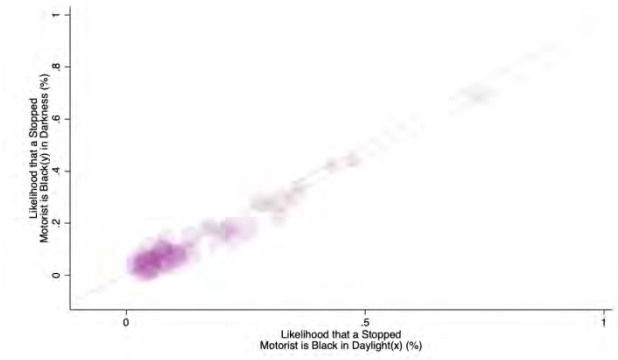
Figure 3.7 examines heterogeneity across departments during the combined period from 2018 to 2020. As before, the vertical axis represents the predicted probability that a traffic stop involved a non-White motorist during darkness, while the horizontal axis represents the same probability during daylight. 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. In panel (a), we plot the likelihood that a Black

[7] Note that we include agencies which 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.

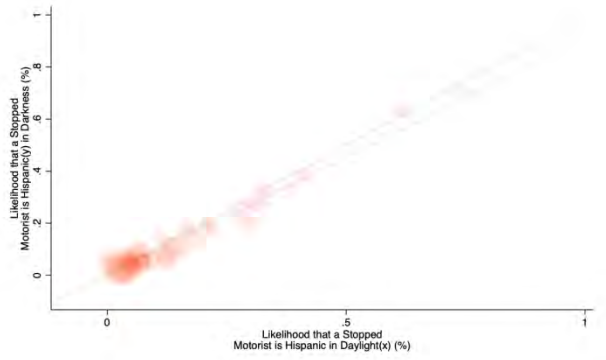
motorist is stopped in daylight relative to darkness. In total, we found 25 agencies with a higher likelihood of stopping these motorists in daylight, but only ten agencies estimated a confidence level at or exceeding 95 percent, and seven of those agencies had a false discovery rate below 10 percent. In panel (b), we find 31 agencies with a higher likelihood of stopping Hispanic motorists in daylight, but only seven agencies estimated a confidence level at or exceeding 95 percent, and five of those agencies had a false discovery rate below 10 percent. In panel (c), we find 31 agencies with a higher likelihood of stopping non-White motorists in daylight, but only 11 agencies estimated a confidence level at or exceeding 95 percent, and seven 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 individual agency.

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 nine agencies in the traffic stop data from 2018 to 2020.[8] These agencies include: Hopkinton (Black); Newport (Hispanic); Portsmouth (Black); Richmond (Hispanic); RISP Hope Valley (Black & Hispanic); RISP Scituate (Black & Hispanic); Smithfield (Black & Hispanic); Tiverton (Hispanic); and Warwick (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 prior to 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.

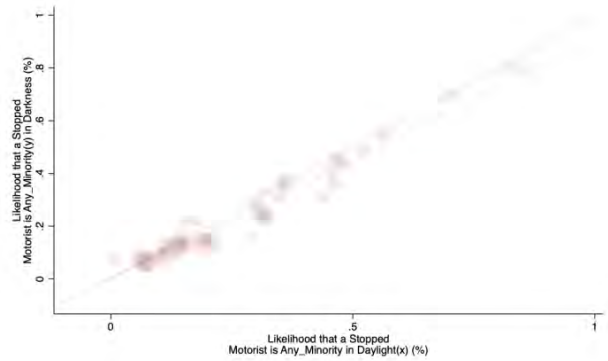
Figure 3. 7: Solar Visibility Analysis by Agency, 2018 to 2020



(a) Black



(b) Hispanic



(c) Any Non-White

[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), in this case, the probability that a non-White motorist is involved in a police traffic stop.[9]

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." If 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. 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).

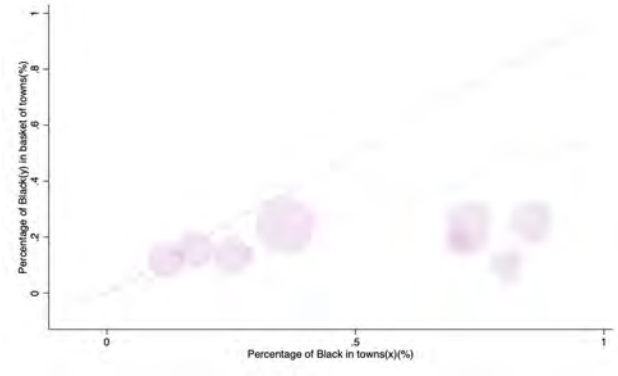
Figure 4.1 examines heterogeneity across departments during the combined period from 2018 to 2020. As before, the vertical axis represents the predicted probability that a traffic stop involved non-White motorists in a synthetic control, while the horizontal axis represents the same probability in the 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. 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 19 agencies with a higher likelihood of stopping these motorists in the focal town compared to their benchmark group, but only 16 agencies estimated a confidence level at or exceeding 95 percent, and 16 of those agencies had a false discovery

[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

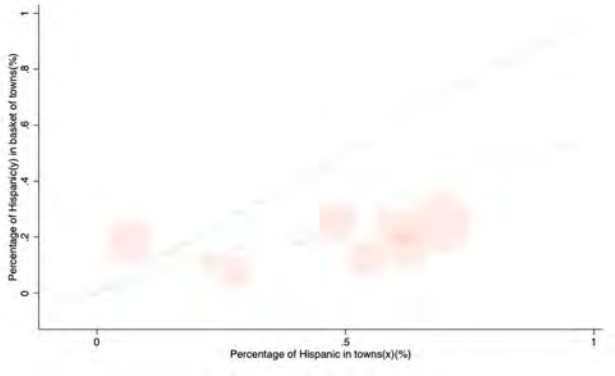
rate below 10 percent. In panel (b), we find 12 agencies with a higher likelihood of stopping Hispanic motorists in the focal town compared to their benchmark group, but only 10 agencies estimated a confidence level at or exceeding 95 percent, and 10 of those agencies had a false discovery rate below 10 percent. In panel (c), we find 13 agencies with a higher likelihood of stopping any non-White motorists in the focal town compared to their benchmark group, but only 10 agencies estimated a confidence level at or exceeding 95 percent, and 10 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 of Black and Hispanic motorists and including only agencies that survive the robustness tests, we identified five agencies in the traffic stop data from 2018 to 2020. These agencies include Woonsocket (Black & Hispanic), Cranston (Black & Hispanic), North Providence (Hispanic), East Providence (Black), and North Smithfield (Black). In these agencies, non-White individuals are more frequently stopped by police relative to each of 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.

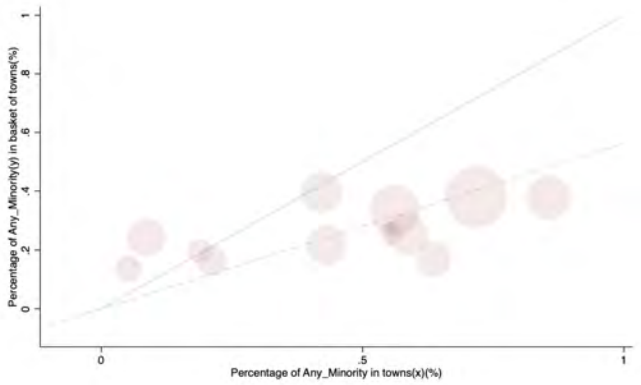
Figure 4. 1: Synthetic Control Analysis by Agency, 2018-20



(a) Black



(b) Hispanic



(c) Any Non-White

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, as 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]

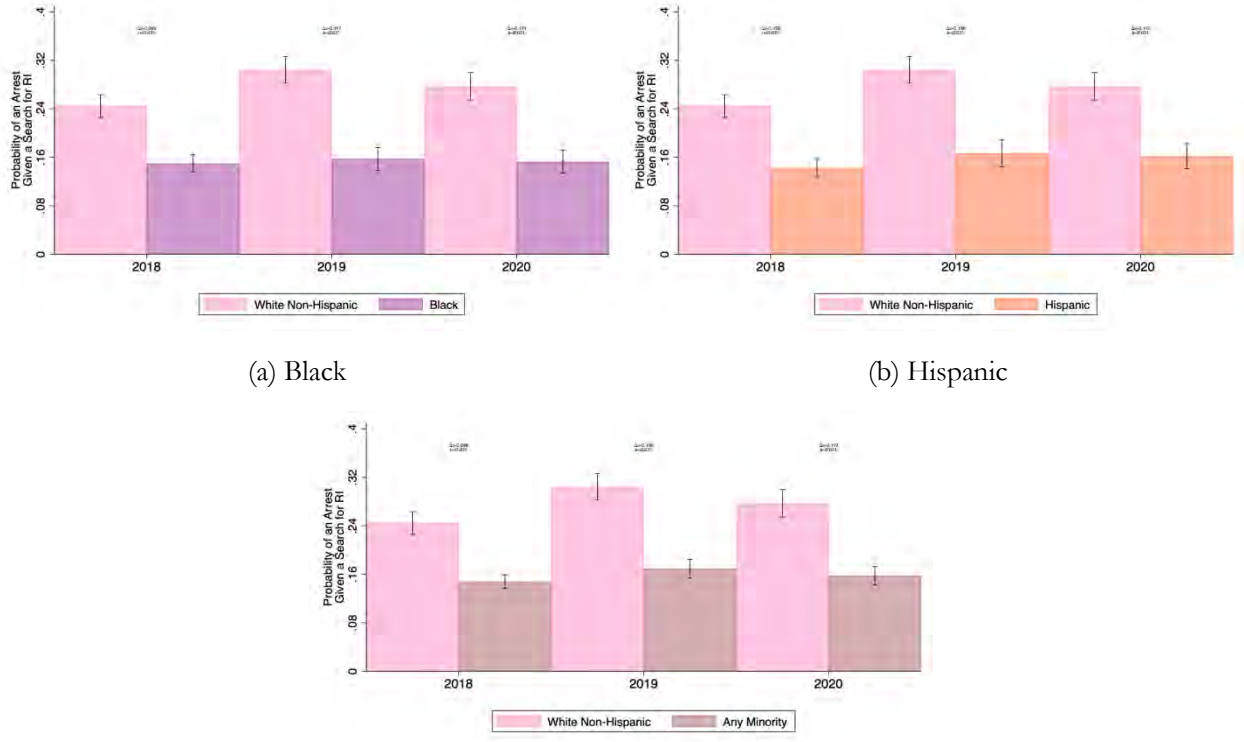
In this test, discrimination is indicated by a preference for searching non-White individuals, manifested as a statistically lower hit rate compared to White individuals. Technically, the model implies that the equilibrium search strategy, without group bias, will equalize the rate of contraband found 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 from 2018 to 2020. 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 made of 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 2020, we estimated a significant ($p<0.001$) lower contraband finding rate (-12.4 percentage points or -81.1 percent) for searched Black individuals. In panel (b), we estimate a significant ($p<0.001$) lower contraband finding rate (-16.2 percentage points or -71.1 percent) for searched Hispanic individuals. In panel (c), we estimate a significant ($p<0.001$) lower contraband finding rate (-14.8 percentage points or -64.9 percent) for searched non-White individuals. Appendix Tables E.1- E.3 contain detailed statistics associated with the results and 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



(a) Black

(b) Hispanic

(c) Any Non-White

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.

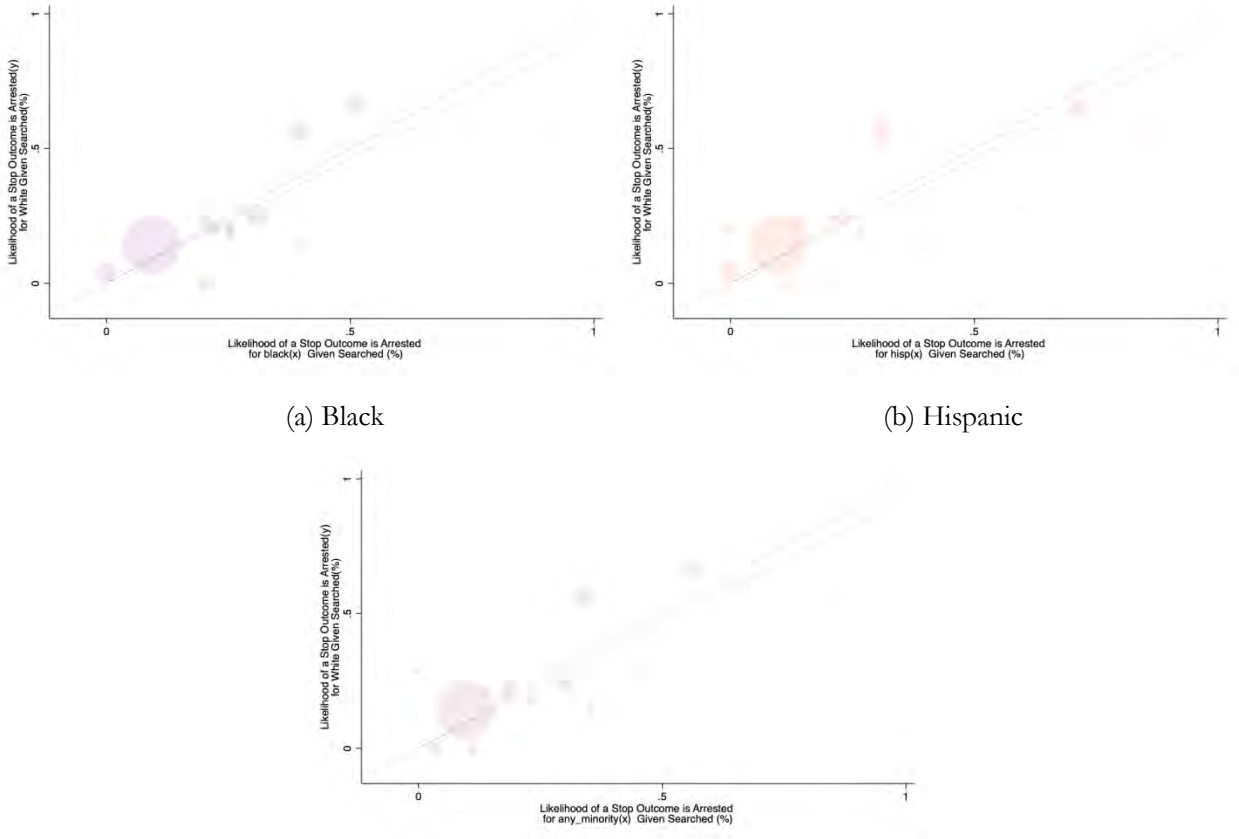
V.B: HIT-RATE ANALYSIS BY AGENCY

Figure 5.2 examines heterogeneity across departments during 2020. 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 stops 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 14 agencies with a lower likelihood of a Black search yielding contraband, but only six agencies estimated a confidence level at or exceeding 95 percent, and five of those agencies had a false discovery rate below 10 percent. In panel (b), we find 15 agencies with a lower likelihood of a Hispanic search yielding contraband, but only nine agencies estimated a confidence level at or exceeding 95 percent, and eight of those agencies had a false discovery rate below 10 percent. In panel (c), we find 15 agencies with a lower likelihood of a non-White search yielding contraband, but only seven agencies estimated a confidence level at or exceeding 95 percent, and six 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 just on the estimates of Black and Hispanic motorists, we identified eight agencies in the traffic stop data from 2020, with each agency conducting at least 50 searches. These agencies include Burrillville (Black & Hispanic); Coventry (Black & Hispanic); Hopkinton (Hispanic); Pawtucket (Hispanic); RISP Wickford (Hispanic); South Kingston (Hispanic); Westerly (Black & Hispanic); and Woonsocket (Black & Hispanic). 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, 2020



(a) Black

(b) Hispanic

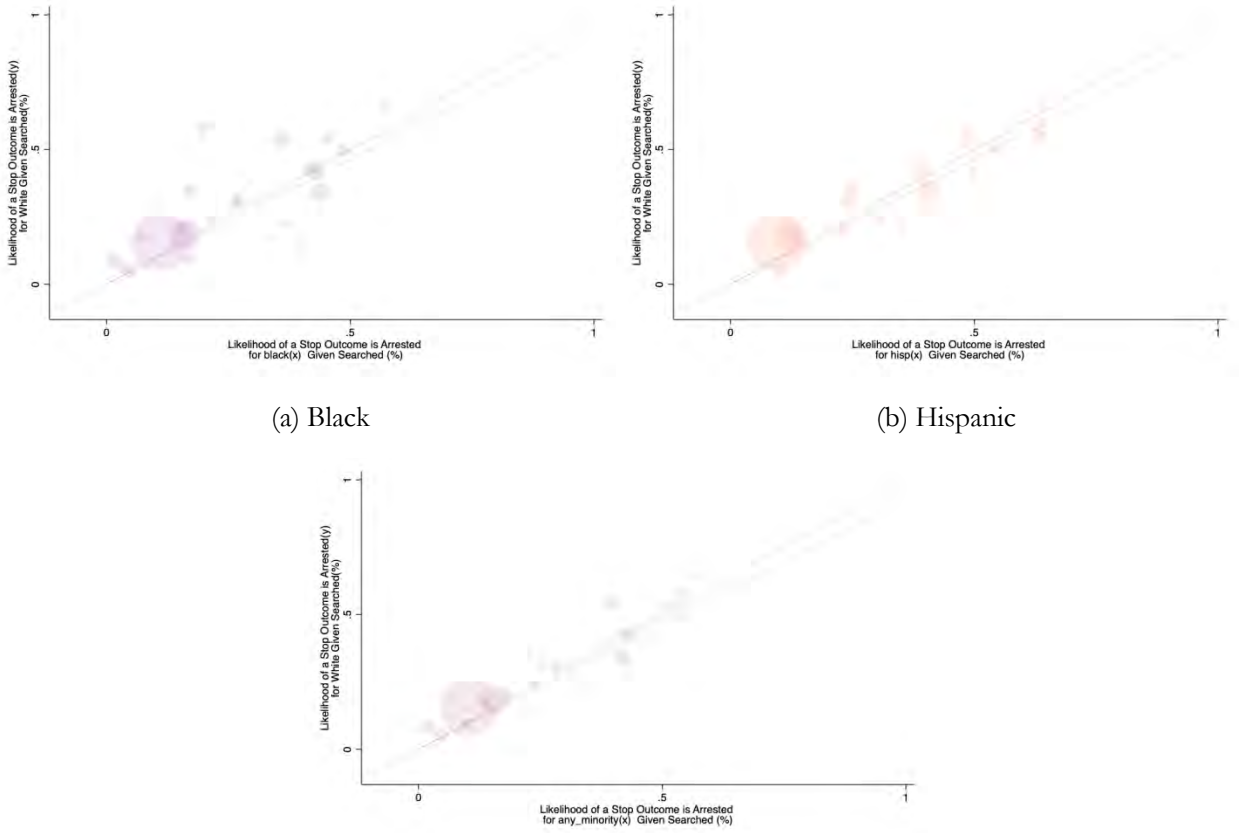
(c) Any Non-White

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 2018 to 2020. 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 stops 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 31 agencies with a lower likelihood of a Black search yielding contraband, but only 11 agencies estimated a confidence level at or exceeding 95 percent, and 9 of those agencies had a false discovery rate below 10 percent. In panel (b), we find 24 agencies with a lower likelihood of a Hispanic search yielding contraband, but only nine agencies estimated a confidence level at or exceeding 95 percent, and eight of those agencies had a false discovery rate below 10 percent. In panel (c), we find 30 agencies with a lower likelihood of a non-White search yielding contraband, but only nine agencies estimated at a confidence level at or exceeding 95 percent, and seven 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 just on the estimates of Black and Hispanic motorists, we identified 11 agencies in the traffic stop data from 2018-20, with each agency conducting at least 50 searches. These agencies include Coventry (Black & Hispanic); East Providence (Hispanic); Middletown (Hispanic); North Kingston (Black); Providence (Black & Hispanic); RISP Hope Valley (Black & Hispanic); Scituate (Black & Hispanic); Tiverton (Black); Warwick (Black); West Greenwich (Hispanic); and Westerly (Black & Hispanic). 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, 2018 to 2020



(a) Black

(b) Hispanic

(c) Any Non-White

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.

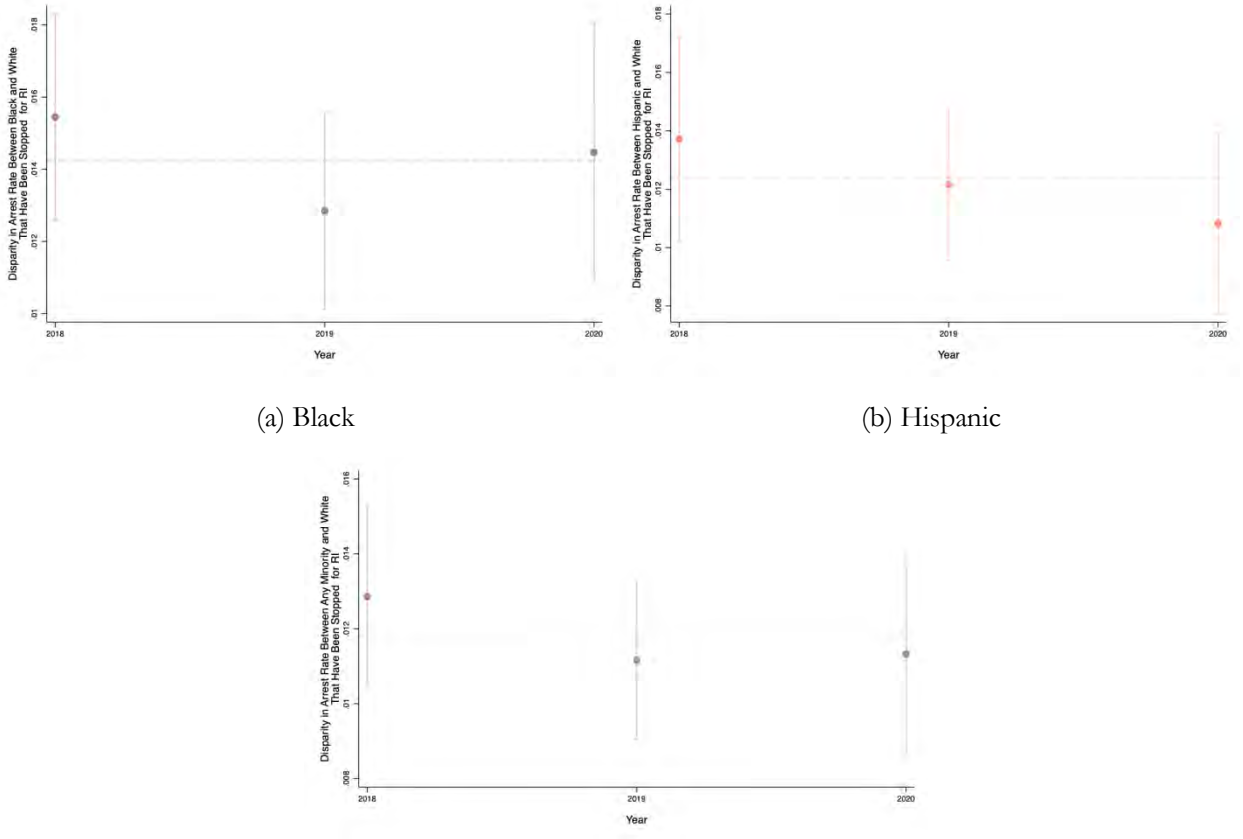
VI. ANALYSIS OF STOP DISPOSITION, CONDITIONAL OUTCOME TESTS

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 ex-ante it is unclear whether discrimination would create 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 like 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 in the three years between 2018 and 2020. We use ordinary least squares to regress a binary indicator variable of a stop, resulting in an arrest on an indicator for race/ethnicity and controls for the time of day and day of the week. We cluster standard errors on the day of the week by hour by agency. As mentioned in the introduction to this section, the ideal formulation of this test would also include granular geographic controls for location and the circumstances motivating a stop. Since the current data do not contain sufficient information to build these additional controls, we caution the reader about placing any causal interpretation of the results of this analysis and instead recommend that they are used only for identifying 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 2020, we estimated that Black individuals are statistically more likely to be arrested ($b=1.44$ percentage points or 43.1 percent, $p<0.001$) following a stop. Similarly, in panels (b) and (c), we find that Hispanic ($b=1.1$ percentage points or 31.3 percent, $p<0.001$) and any non-White ($b=1.1$ percentage points or 32.9 percent, $p<0.001$) individuals were also statistically more likely to be arrested following a stop. As noted, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for selection into different types of circumstances that necessitate an arrest. Appendix Table F.1 contains detailed statistics associated with the results and disaggregated by agency type.

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



(a) Black

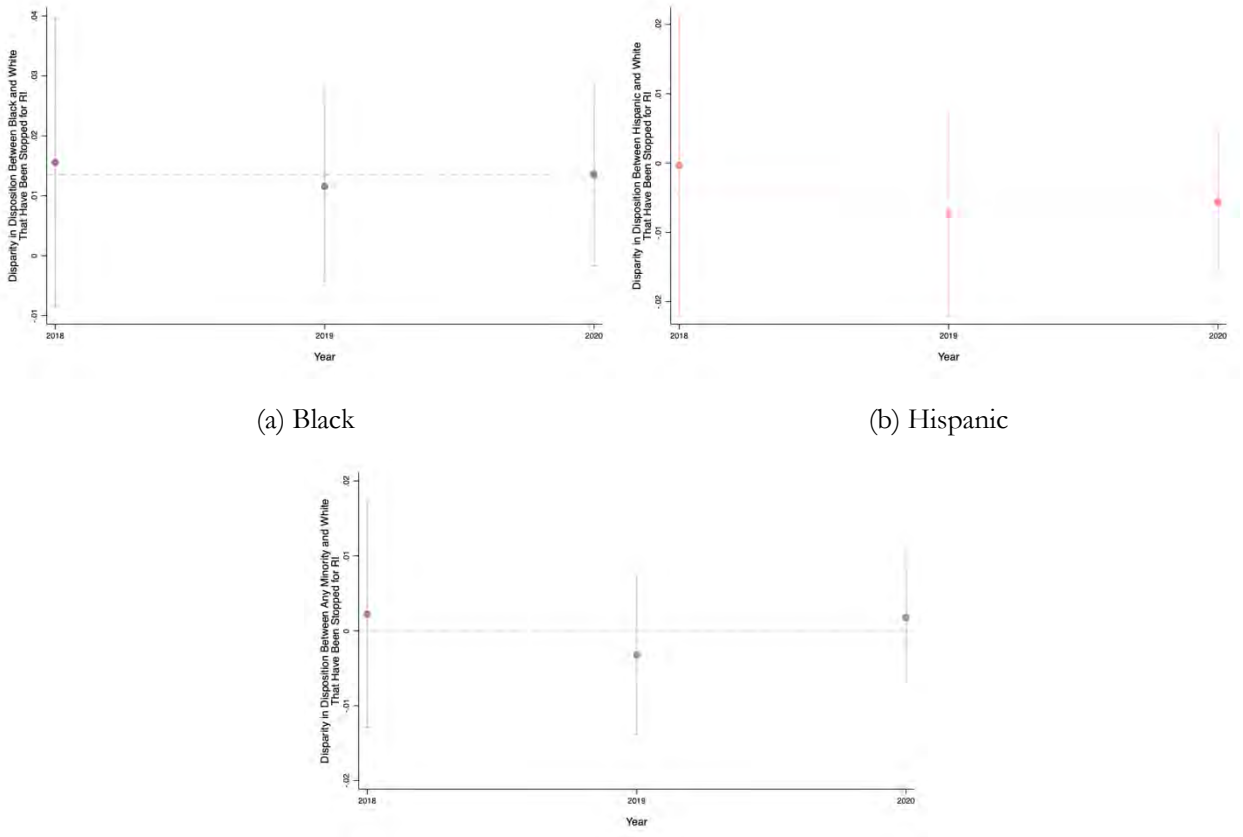
(b) Hispanic

(c) Any Non-White

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 Warning for the three years between 2018 and 2020. We use ordinary least squares to regress a binary indicator variable of a stop, resulting in a warning on an indicator for race/ethnicity and controls for the time of day and day of the week. We cluster standard errors on the day of the week by hour by agency. Again, we make the necessary caveat that the ideal formulation of this test would also include 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 2020, we estimated that Black individuals are marginally more likely to receive a warning (b=1.4 percentage points or 3.7 percent, $p<0.08$) following a stop. In panel (b), we find that Hispanic individuals are no more likely to receive a warning (b=-0.6 percentage points or 0 percent, $p<0.28$) in 2020. In panel (c), we find that any non-White individuals were statistically no more likely to receive a warning (b=0.2 percentage points or 1.4 percent, $p<0.70$) in 2020. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for selection into different types of circumstances that necessitate a ticket. Appendix Table F.2 contains detailed statistics associated with the results and disaggregated by agency type.

Figure 6. 2: Aggregate Analysis of Warnings by Year



(a) Black

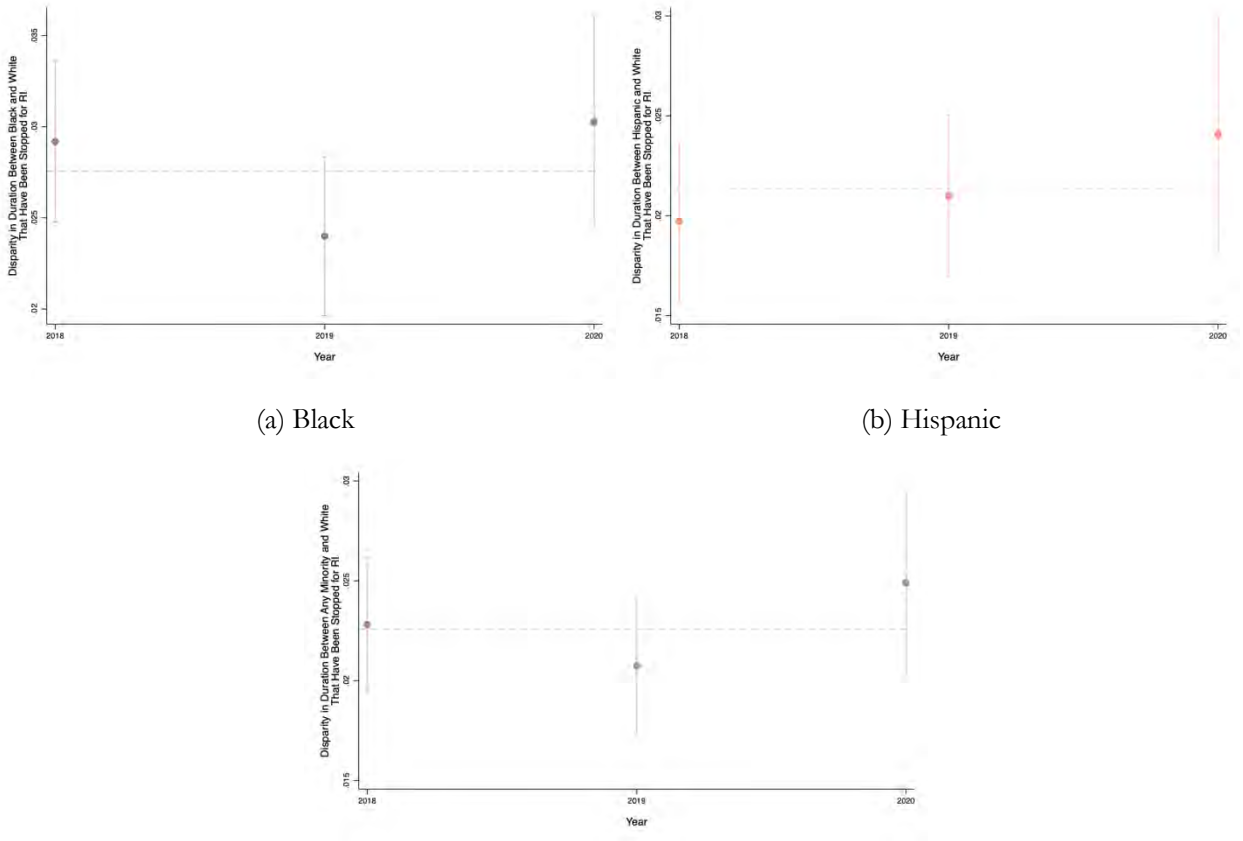
(b) Hispanic

(c) Any Non-White

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 results from applying the conditional outcome test focusing on the duration of a stop for each of the three years between 2018 and 2020. We use ordinary least squares to regress a variable indicating that a stop lasted longer than 15 minutes on an indicator for race/ethnicity and controls for the time of day and day of the week. We cluster standard errors on the day of the week by hour by agency. Again, we make the necessary caveat that the ideal formulation of this test would also include granular geographic controls for location and the circumstances motivating a stop. In panel (a), we report estimates of the difference in duration of a stop involving a Black individual. In 2020, we estimated a statistically significant longer stop duration (b=3 percentage points or 31.8 percent, $p<0.001$) for Black individuals. Similarly, in panels (b) and (c), we estimate a statistically significant longer stop duration for Hispanic (b=2.4 percentage points or 25.3 percent, $p<0.001$) and any non-White motorists (b=2.5 percentage points or 25.9 percent, $p<0.001$) in 2020. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for 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 and disaggregated by agency type.

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



(a) Black

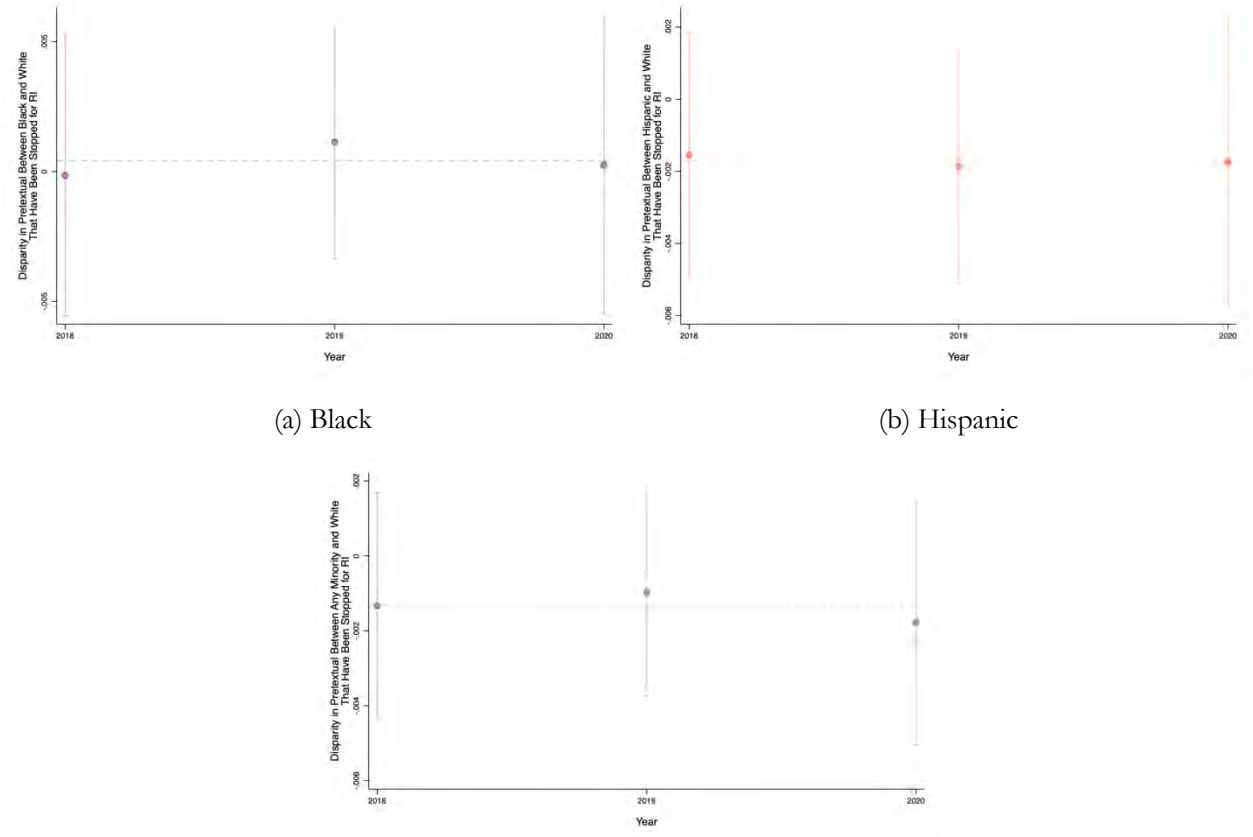
(b) Hispanic

(c) Any Non-White

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 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 to have been made for an investigative reason or of a suspicious person for each of the three years between 2018 and 2020. We use ordinary least squares to regress a variable indicating that an investigatory or suspicion stop on an indicator for race/ethnicity and controls for the time of day and day of the week. We cluster standard errors on the day of the week by hour by agency. Again, we make the necessary caveat that the ideal formulation of this test would also include 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 to involve a Black individual. In 2020, we estimated a significantly greater rate of investigatory or suspicion stops (b=3 percentage points or 31.8 percent, $p<0.001$) for Black individuals. Similarly, in panels (b) and (c), we estimated higher rates of investigatory or suspicion stops for Hispanic (b=2.4 percentage points or 25.3 percent, $p<0.001$) and any non-White motorists (b=2.5 percentage points or 25.9 percent, $p<0.001$) in 2020. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for selection into different types of circumstances that necessitate a longer stop duration. Appendix Table F.4 contains detailed statistics associated with the results and disaggregated by agency type.

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



(a) Black

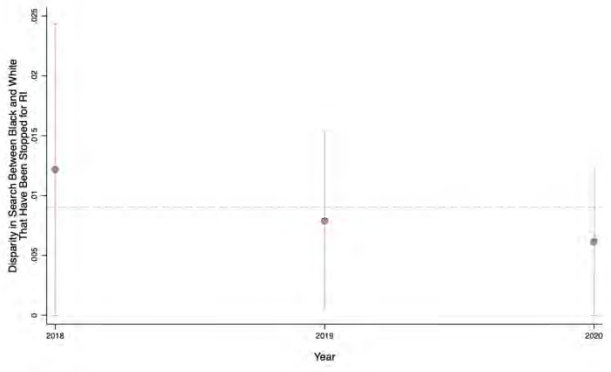
(b) Hispanic

(c) Any Non-White

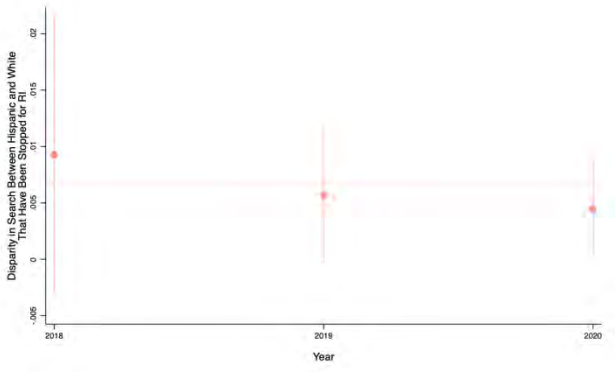
Notes: The bars and estimated change were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a potentially pretextual stop on an indicator of race and a series of granular control variables described in the 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 2018 and 2020. 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 and controls for the time of day and day of the week. We cluster standard errors on the day of the week by hour by agency. Again, we make the necessary caveat that the ideal formulation of this test would also include 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 2020, we estimate no difference in the rate of discretionary searches (b=0.1 percentage points or 3.7 percent, p<0.93) for Black individuals. Similarly, in panels (b) and (c), we find no difference in discretionary searches for Hispanic (b=-0.2 percentage points or -2.7 percent, p<0.40) and any non-White motorists (b=-0.2 percentage points or -1.4 percent, p<0.29) in 2020. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for selection into different types of circumstances that necessitate a longer stop duration. Appendix Table F.5 contains detailed statistics associated with the results and disaggregated by agency type.

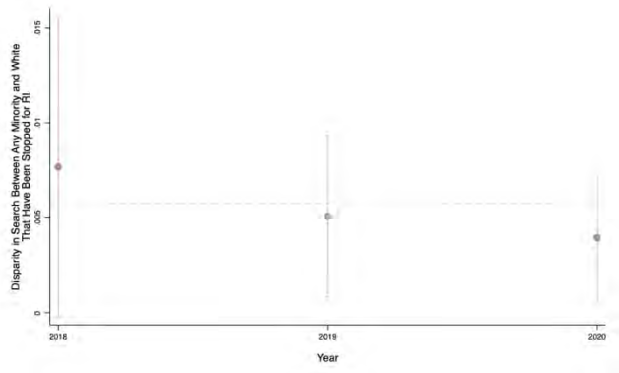
Figure 6. 5: Aggregate Analysis of Discretionary Search by Year



(a) Black



(b) Hispanic



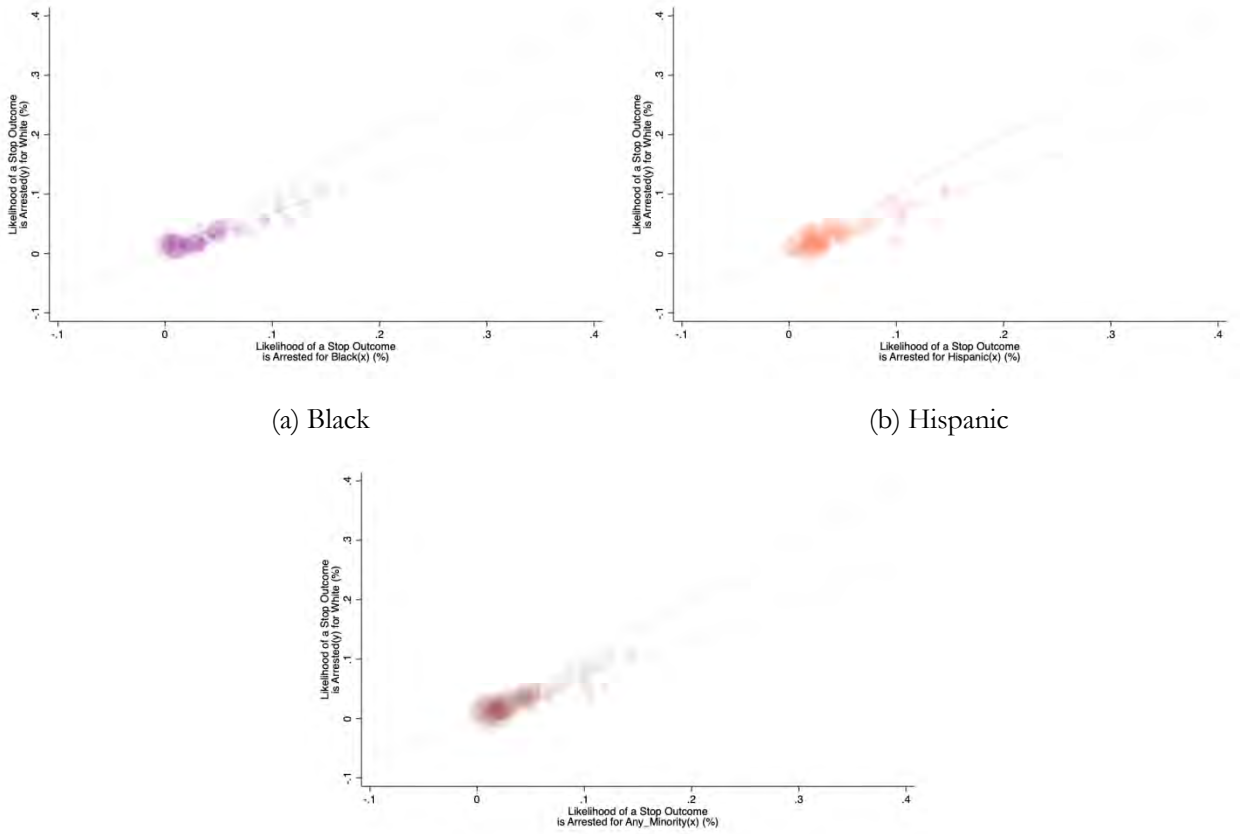
(c) Any Non-White

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 2020. 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 yields an arrest. In total, we find that 30 agencies had a higher likelihood of a Black motorist resulting in an arrest, but only nine agencies estimated a confidence level at or exceeding 95 percent, and two of those agencies had a false discovery rate below 10 percent. In panel (b), we find 31 agencies with a higher likelihood of a Hispanic motorist resulting in an arrest, but only nine agencies estimated a confidence level at or exceeding 95 percent, and four of those agencies had a false discovery rate below 10 percent. In panel (c), we find 34 agencies with a higher likelihood of a stop of non-White motorist resulting in an arrest, but only nine agencies estimated a confidence level at or exceeding 95 percent, and six of those agencies had a false discovery rate below 10 percent. Appendix Table F.6 contains detailed statistics associated with each agency's results.

Figure 6. 6: Analysis of Decision to Arrest by Agency, 2020



(a) Black

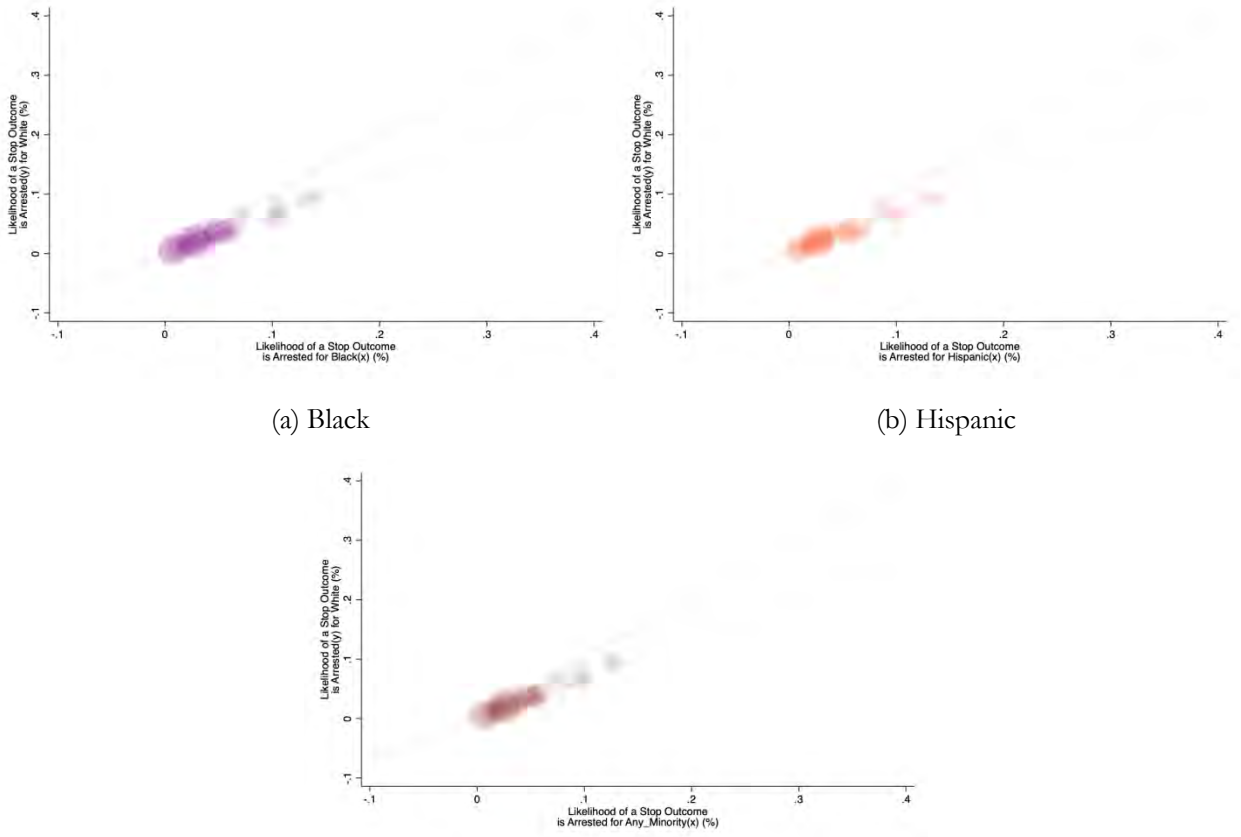
(b) Hispanic

(c) Any Non-White

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 2018 to 2020. 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 39 agencies with a higher likelihood of a Black stop resulting in an arrest, but only 18 agencies estimated a confidence level at or exceeding 95 percent, and 15 of those agencies had a false discovery rate below 10 percent. In panel (b), we find 38 agencies with a higher likelihood of a Hispanic stop resulting in an arrest, but only 21 agencies estimated a confidence level at or exceeding 95 percent, and 21 of those agencies had a false discovery rate below 10 percent. In panel (c), we find 38 agencies with a higher likelihood of a non-White stop resulting in an arrest, but only 21 agencies estimated a confidence level at or exceeding 95 percent, and 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, 2018 to 2020



(a) Black

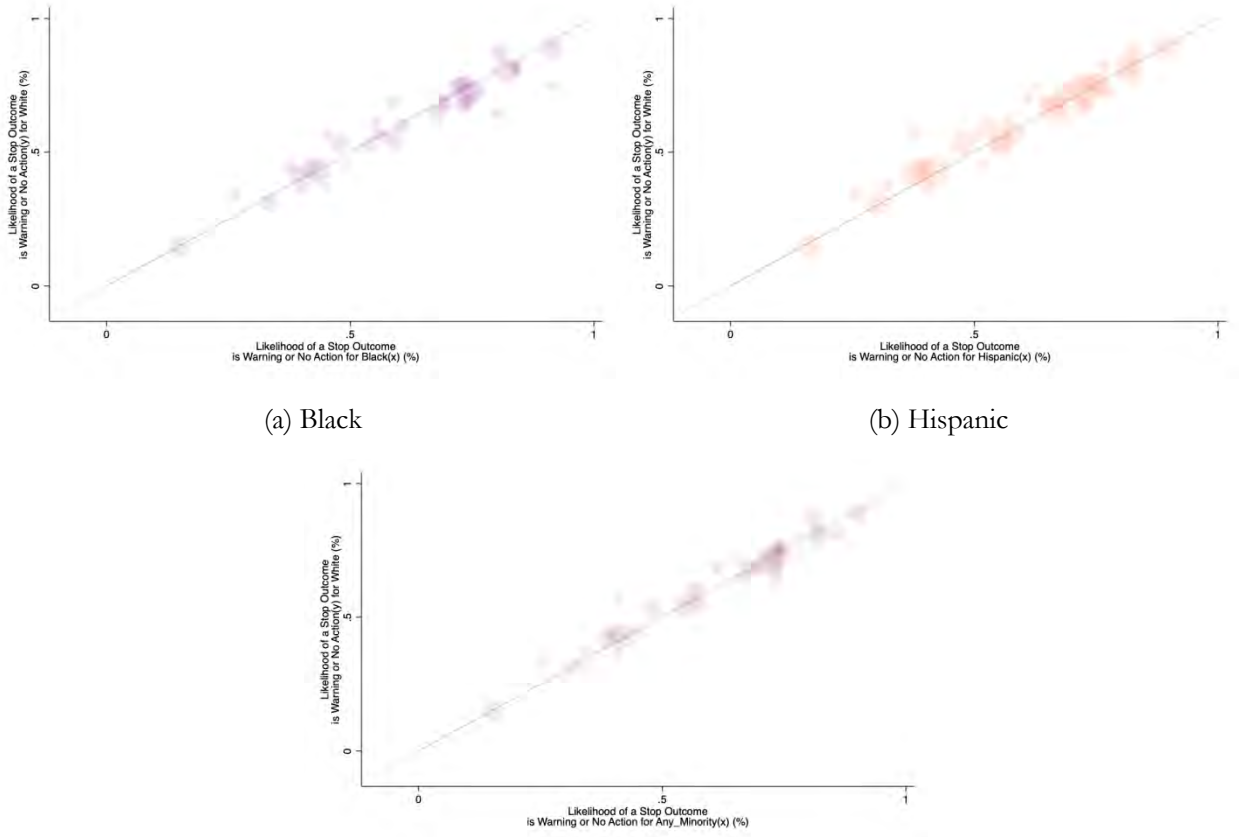
(b) Hispanic

(c) Any Non-White

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 2020. 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 25 agencies with a higher likelihood of a Black stop resulting in a warning, but only four agencies estimated a confidence level at or exceeding 95 percent, and one of those agencies had a false discovery rate below 10 percent. In panel (b), we find 15 agencies with a higher likelihood of a Hispanic stop resulting in a warning, but no agencies estimated a confidence level at or exceeding 95 percent or had a false discovery rate below 10 percent. In panel (c), we find 19 agencies with a higher likelihood of a non-White stop resulting in a warning, but only two agencies estimated a confidence level at or exceeding 95 percent, 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, 2020



(a) Black

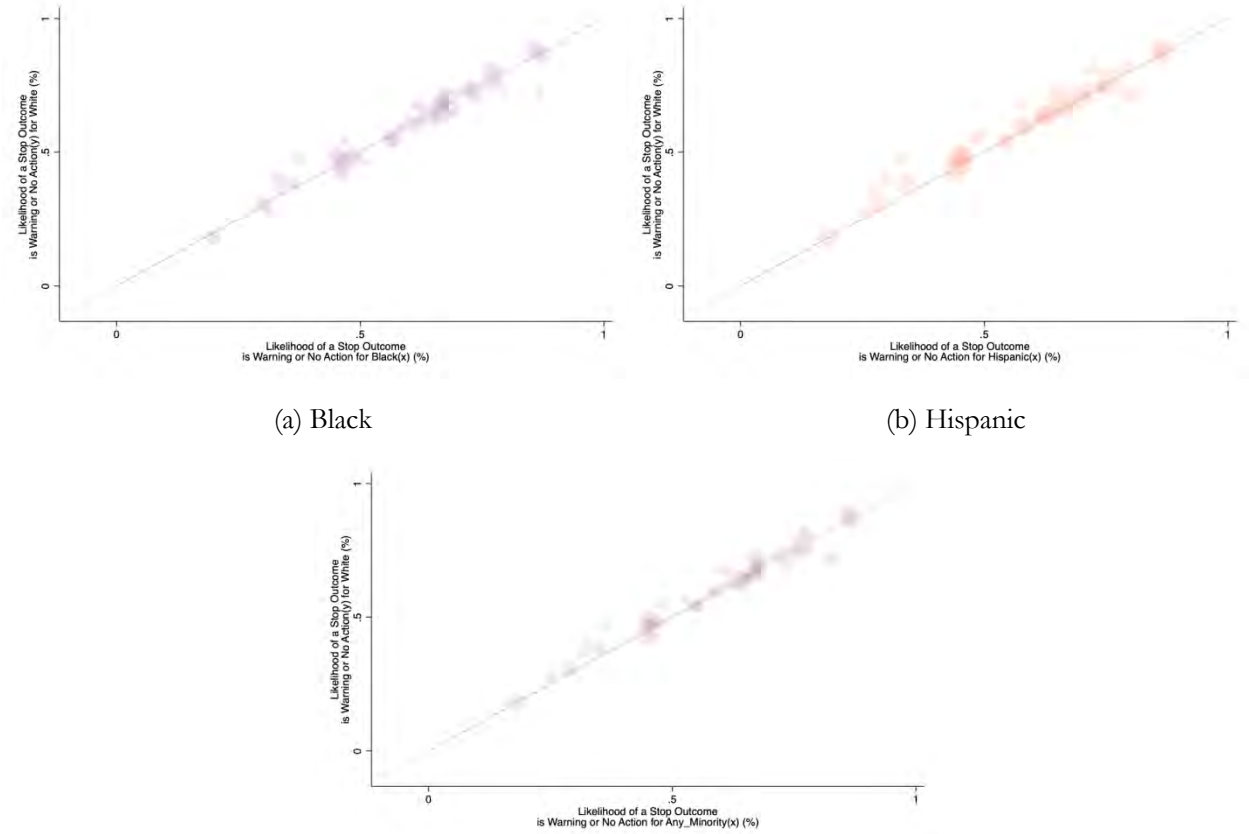
(b) Hispanic

(c) Any Non-White

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 2018 to 2020. 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 18 agencies with a higher likelihood of a Black stop resulting in a warning, but only six agencies estimated a confidence level at or exceeding 95 percent, and five of those agencies had a false discovery rate below 10 percent. In panel (b), we find 10 agencies with a higher likelihood of a Hispanic stop resulting in a warning, but only one agency was estimated at a confidence level at or exceeding 95 percent and had a false discovery rate below 10 percent. In panel (c), we find 12 agencies with a higher likelihood of a non-White stop resulting in a warning, but only three agencies estimated a confidence level at or exceeding 95 percent, and three of those agencies had 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, 2018 to 2020



(a) Black

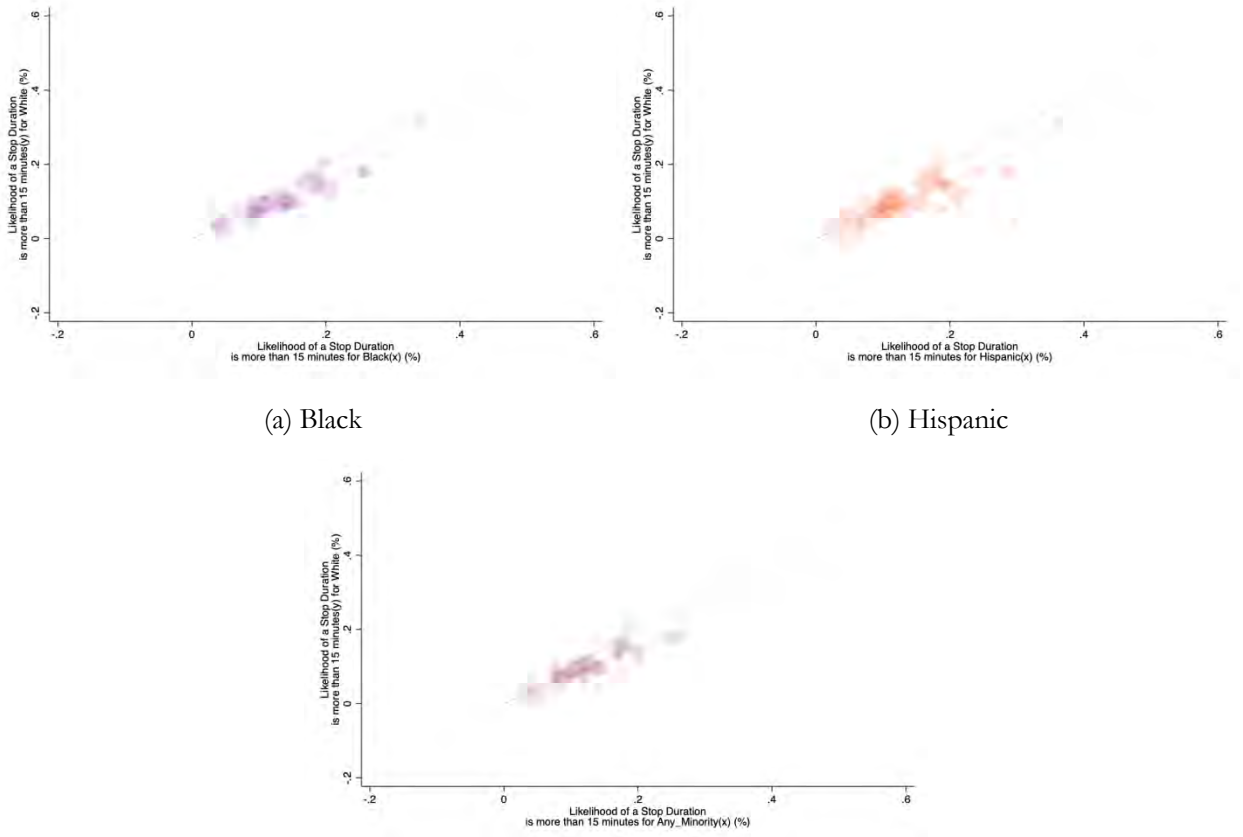
(b) Hispanic

(c) Any Non-White

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 2020. The vertical axis represents the predicted probability that a stop of a White motorist had a duration that exceeded 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 36 agencies with a higher likelihood of a Black stop exceeding 15 minutes, but only 19 agencies estimated a confidence level at or exceeding 95 percent, and 19 of those agencies had a false discovery rate below 10 percent. In panel (b), we find 37 agencies with a higher likelihood of a Hispanic stop exceeding 15 minutes, but only 14 agencies estimated a confidence level at or exceeding 95 percent, and 12 of those agencies had a false discovery rate below 10 percent. In panel (c), we find 38 agencies with a higher likelihood of a non-White stop exceeding 15 minutes, but only 22 agencies estimated a confidence level at or exceeding 95 percent, and 22 of those agencies had a false discovery rate below 10 percent. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for 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, 2020



(a) Black

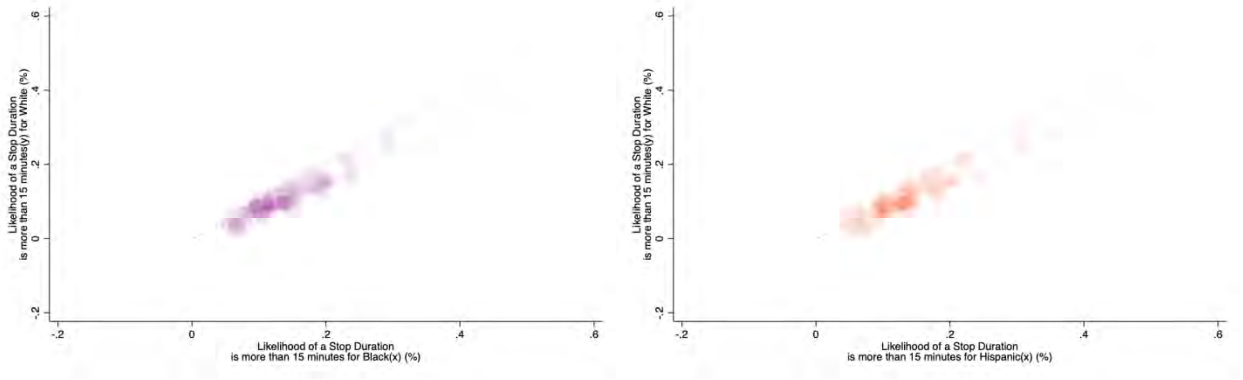
(b) Hispanic

(c) Any Non-White

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.

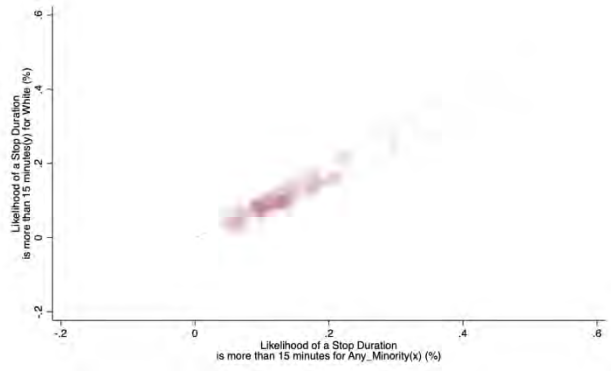
Figure 6.11 examines heterogeneity across departments during the combined period from 2018 to 2020. The vertical axis represents the predicted probability that a stop of a White motorist had a duration that exceeded 15 minutes, while the horizontal axis represents the same probability for non-White motorists. 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 30 agencies estimated a confidence level at or exceeding 95 percent, and 30 of those agencies had a false discovery rate below 10 percent. In panel (b), we find 39 agencies with a higher likelihood of a Hispanic stop exceeding 15 minutes, but only 29 agencies estimated a confidence level at or exceeding 95 percent, and 29 of those agencies had a false discovery rate below 10 percent. In panel (c), we find 39 agencies with a higher likelihood of a non-White stop exceeding 15 minutes, but only 30 agencies estimated a confidence level at or exceeding 95 percent, and 30 of those agencies had a false discovery rate below 10 percent. As noted again, we caution the reader not to place a causal interpretation on this test because we cannot adequately control for 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, 2018 to 2020



(a) Black

(b) Hispanic

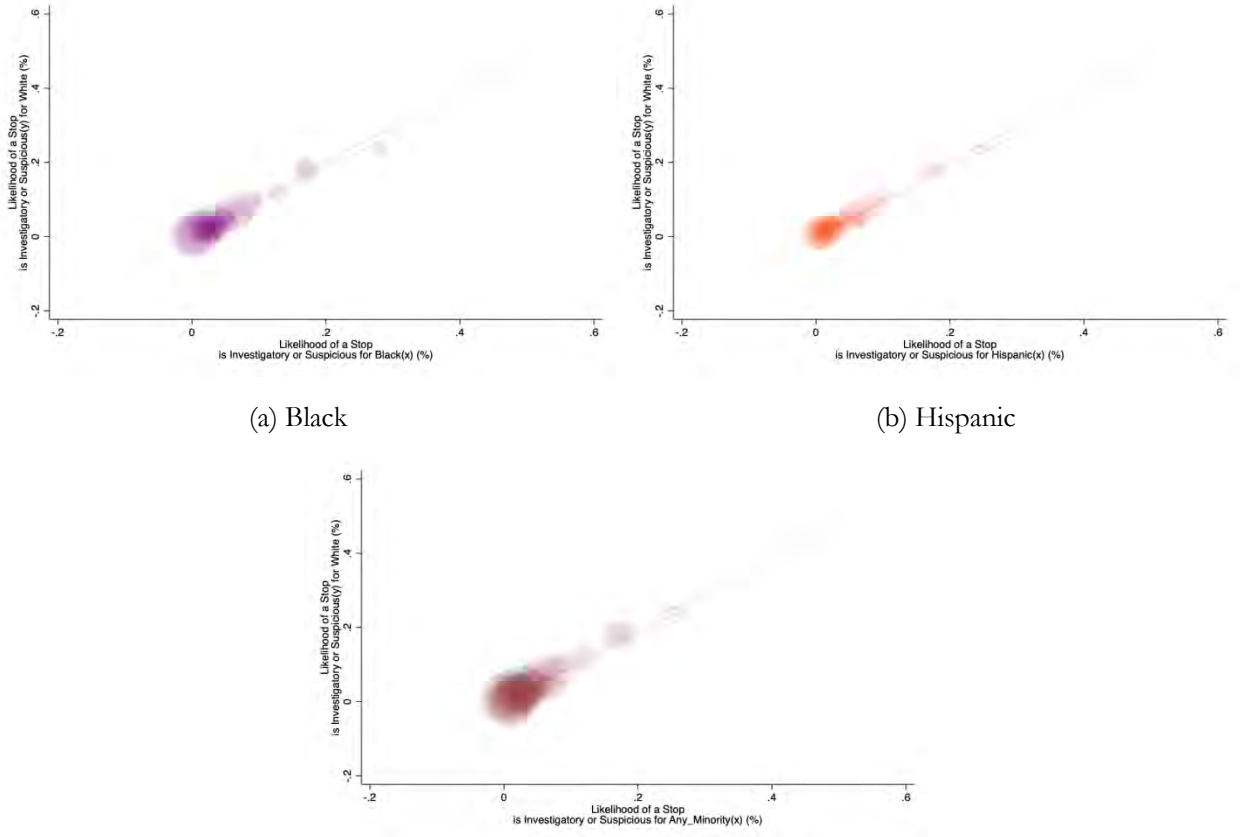


(c) Any Non-White

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 2020. 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 suspicious reasons. In total, we found 15 agencies with a higher likelihood of a Black stop made for investigatory or suspicion reasons, but only one agency estimated a confidence level at or exceeding 95 percent, and no agencies had a false discovery rate below 10 percent. In panel (b), we find 13 agencies with a higher likelihood of a Hispanic stop made for investigatory or suspicion reasons, but no agencies estimated a confidence level at or exceeding 95 percent or had a false discovery rate below 10 percent. In panel (c), we find 15 agencies with a higher likelihood of a non-White stop made for investigatory or suspicious reasons, but only one agency estimated a confidence level at or exceeding 95 percent, 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, 2020



(a) Black

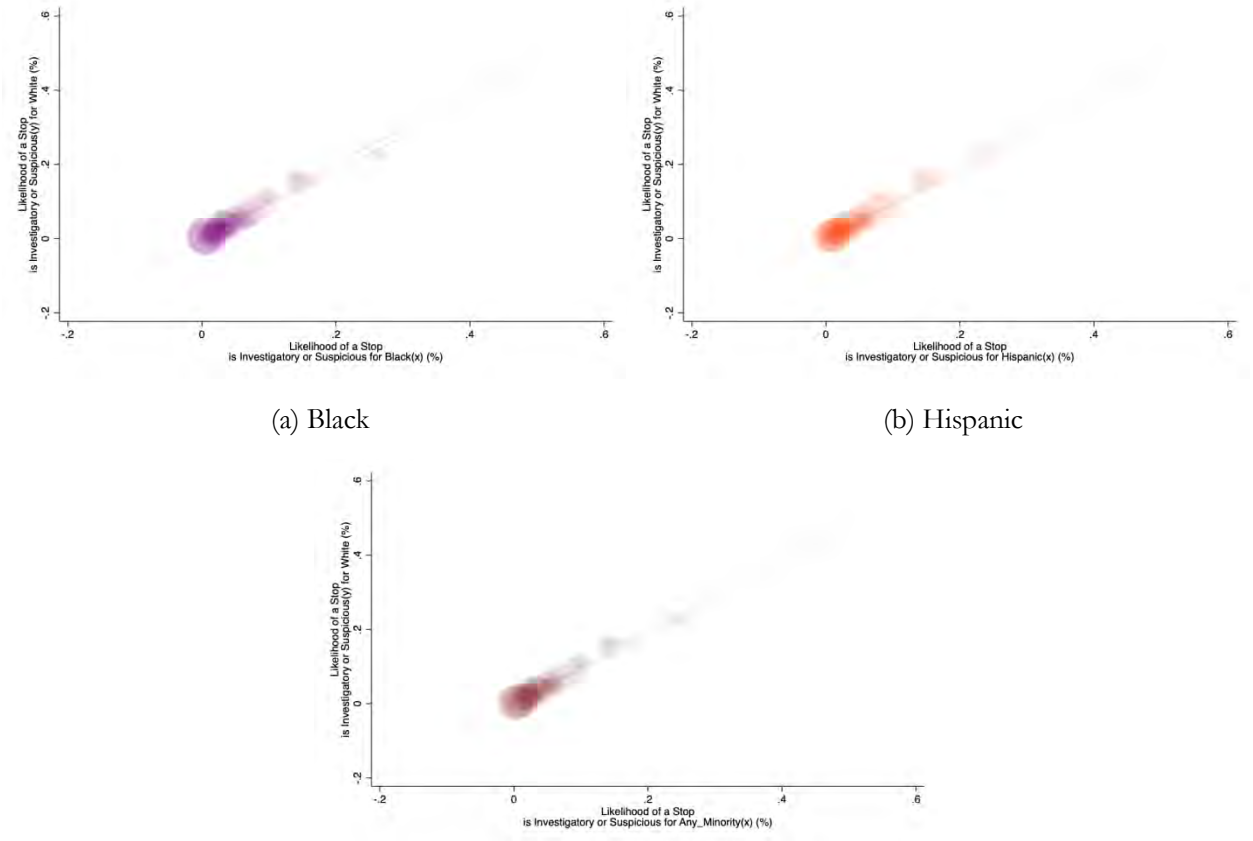
(b) Hispanic

(c) Any Non-White

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 2018 to 2020. 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 suspicious reasons. In total, we found 21 agencies with a higher likelihood of a Black stop made for investigatory or suspicious reasons, but only three agencies estimated a confidence level at or exceeding 95 percent, and two agencies had a false discovery rate below 10 percent. In panel (b), we find 21 agencies with a higher likelihood of a Hispanic stop made for investigatory or suspicion reasons, but no agencies estimated a confidence level at or exceeding 95 percent or had a false discovery rate below 10 percent. In panel (c), we find 16 agencies with a higher likelihood of a non-White stop made for investigatory or suspicious reasons, but only three agencies estimated a confidence level at or exceeding 95 percent, and two agencies 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, 2018 to 2020



(a) Black

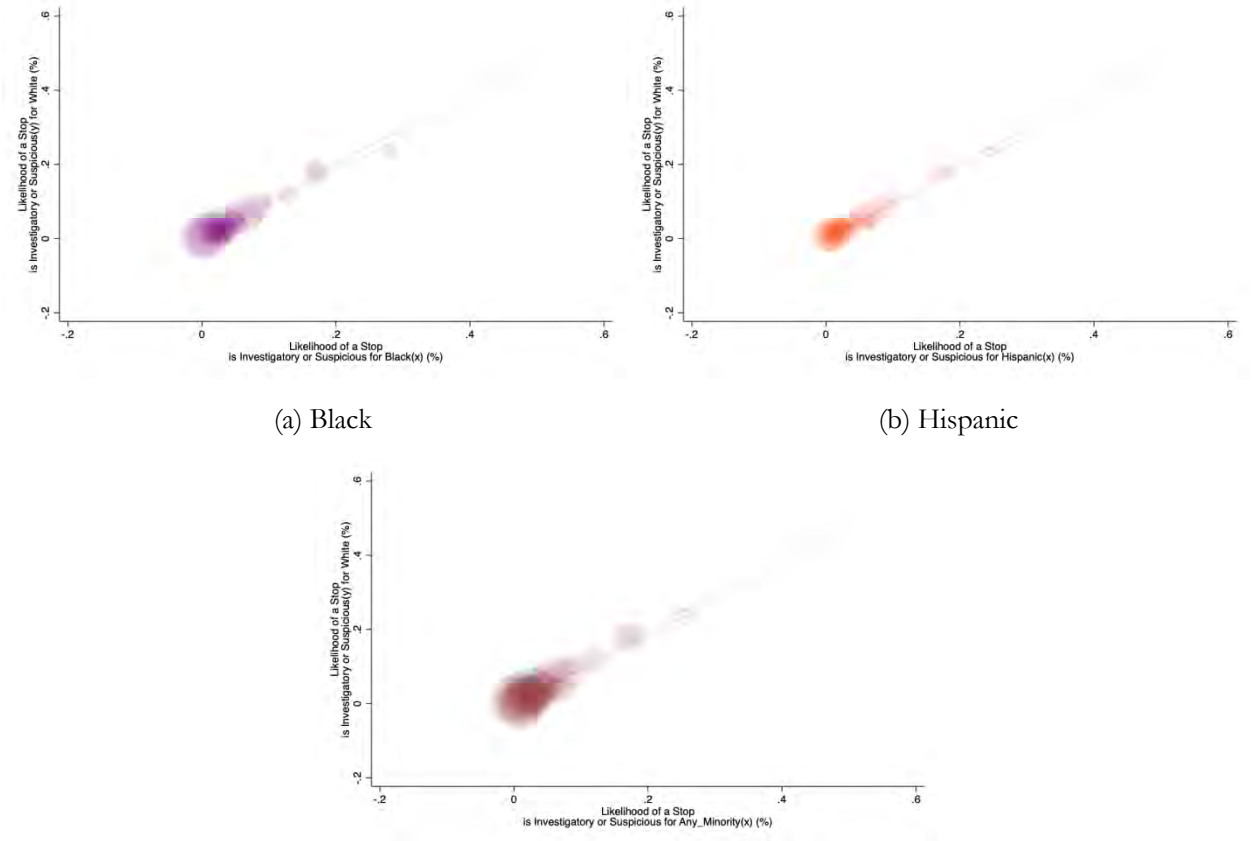
(b) Hispanic

(c) Any Non-White

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 2020. The vertical axis represents the predicted probability that a stop of a White motorist yielded 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 26 agencies with a higher likelihood of a Black stop, resulting in a discretionary search, but only three agencies estimated a confidence level at or exceeding 95 percent, and two of those agencies had a false discovery rate below 10 percent. In panel (b), we find 22 agencies with a higher likelihood of a Hispanic stop, resulting in a discretionary search, but only four agencies estimated a confidence level at or exceeding 95 percent, and none had a false discovery rate below 10 percent. In panel (c), we find 24 agencies with a higher likelihood of a non-White stop, resulting in a discretionary search, but only three agencies estimated a confidence level at or exceeding 95 percent, and two 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, 2020



(a) Black

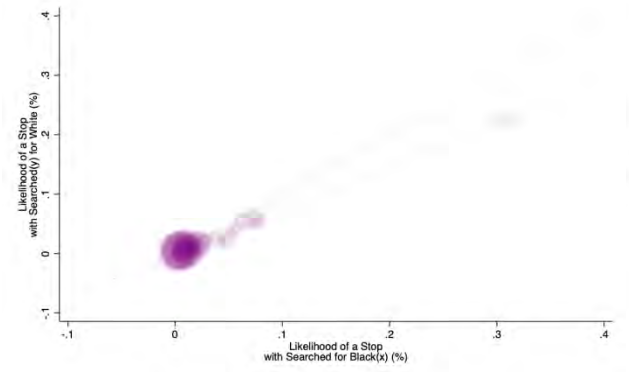
(b) Hispanic

(c) Any Non-White

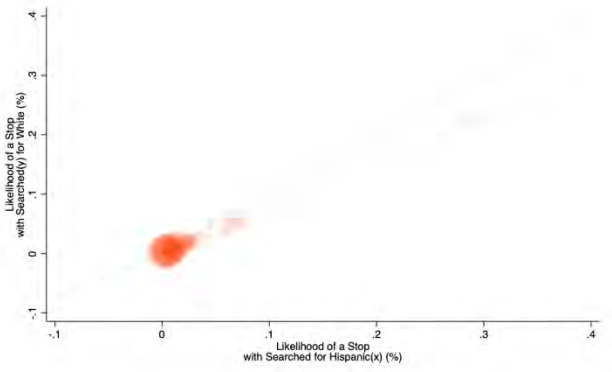
Notes: The coordinates of each marker were obtained by plotting the estimated probabilities at the mean of the control variables using a linear probability model regressing an indicator for a discretionary search on an indicator for non-White status. The unit of observation is a traffic stop resulting. 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 2018 to 2020. The vertical axis represents the predicted probability that a stop of a White motorist yielded 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 results in a discretionary search. In total, we found 35 agencies with a higher likelihood of a Black stop, resulting in a discretionary search, but only 11 agencies estimated a confidence level at or exceeding 95 percent, and 10 of those agencies had a false discovery rate below 10 percent. In panel (b), we find 31 agencies with a higher likelihood of a Hispanic stop, resulting in a discretionary search, but only seven agencies estimated a confidence level at or exceeding 95 percent, and three of those agencies had a false discovery rate below 10 percent. In panel (c), we find 35 agencies with a higher likelihood of a non-White stop, resulting in a discretionary search, but only 11 agencies estimated a confidence level at or exceeding 95 percent, and nine 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.

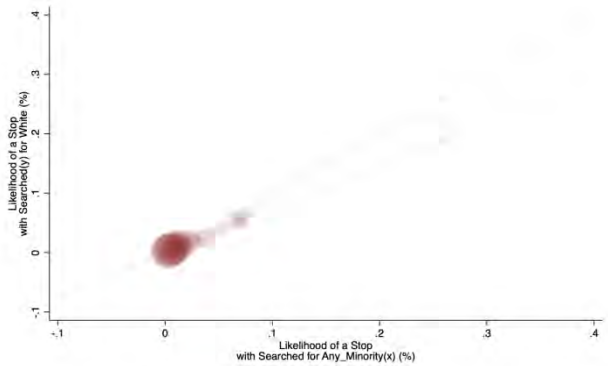
Figure 6. 15: Analysis of Discretionary Search by Agency, 2018 to 2020



(a) Black



(b) Hispanic



(c) Any Non-White

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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TECHNICAL APPENDICES

All tables in the technical appendix are identified by the section and table number where they can be found in the report. A complete listing is provided below.

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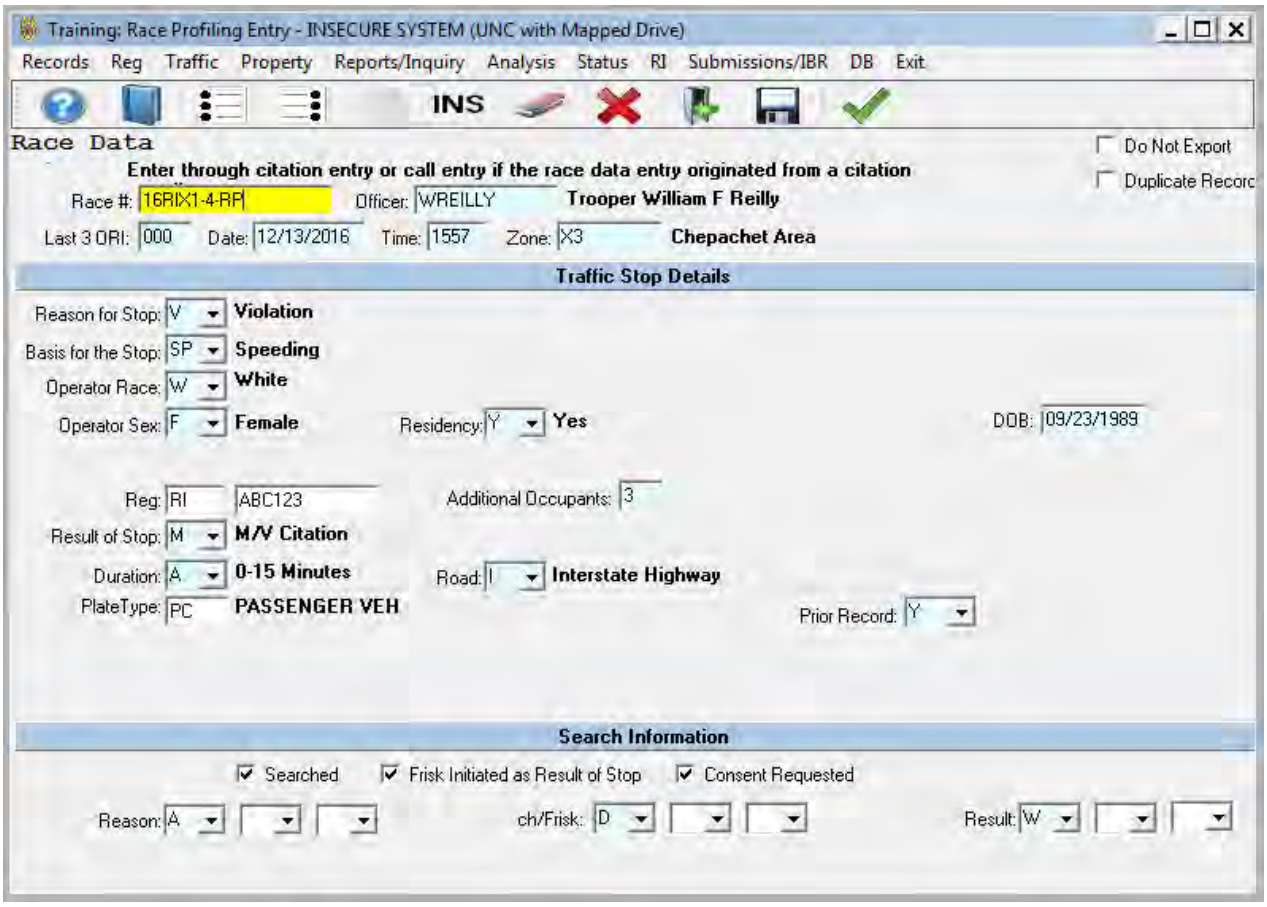
APPENDIX A

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



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 identifiesK_{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.

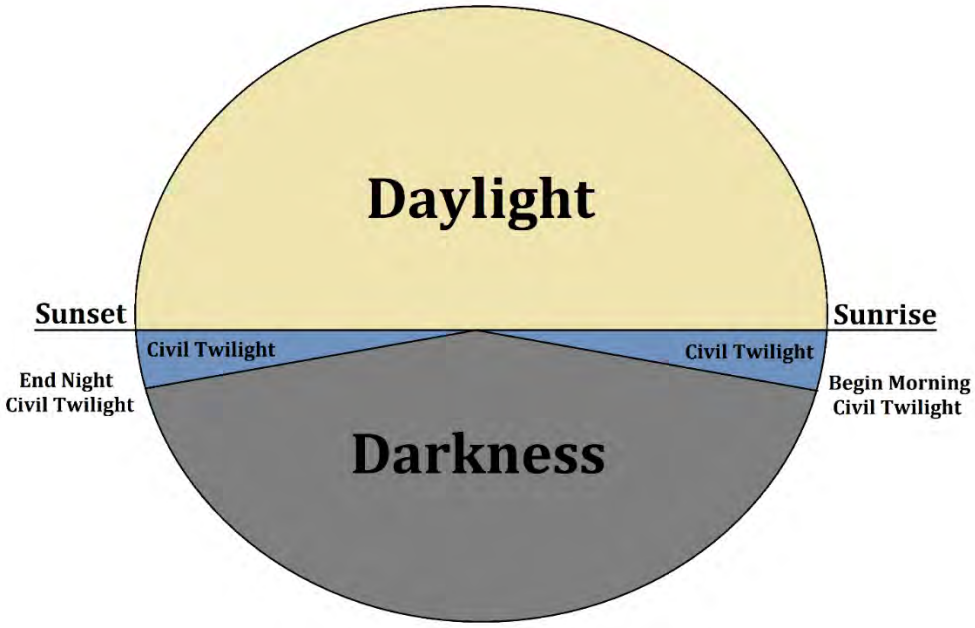
Assuming that the assumptions outlined above hold, Equation 4 can be estimated using a linear probability model

$$1[minority_i] = \beta + \delta 1[daylight_i] + \mu_i \quad (4)$$

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 assigned 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:

$$w_{(i)} = \underset{\|w\| = 1}{\arg max} \left\{ \sum_k \left[w \cdot x_j \right]^2 \right\}. \tag{5}$$

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

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

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 the 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 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.

$$P(H = 1|m, S) = P(H = 1|S) \; \forall \, r, c \tag{9}$$

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 like 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.	2020 Traffic Stops	Stops per Resident	Stops per 1,000 Residents
State of Rhode Island	857,232	152,173	0.18	178
Barrington	12,367	488	0.04	39
Bristol	19,780	1,927	0.10	97
Burrillville	12,861	2,541	0.20	198
Central Falls	14,379	3,981	0.28	277
Charlestown	6,524	1,769	0.27	271
Coventry	28,302	3,052	0.11	108
Cranston	66,140	19,123	0.29	289
Cumberland	26,946	3,630	0.13	135
East Greenwich	10,202	824	0.08	81
East Providence	39,050	4,622	0.12	118
Foster	3,790	641	0.17	169
Glocester	7,963	1,359	0.17	171
Hopkinton	6,586	1,250	0.19	190
Jamestown	4,533	1,513	0.33	334
Johnston	23,975	3,864	0.16	161
Lincoln	16,995	836	0.05	49
Little Compton	2,925	726	0.25	248
Middletown	12,911	2,636	0.20	204
Narragansett	13,937	4,453	0.32	320
Newport	21,076	2,311	0.11	110
North Kingstown	21,033	3,382	0.16	161
North Providence	27,300	3,369	0.12	123
North Smithfield	9,857	2,002	0.20	203
Pawtucket	56,572	5,130	0.09	91
Portsmouth	13,947	7,245	0.52	519
Providence	141,451	5,108	0.04	36
Richmond	6,080	1,029	0.17	169
Scituate	8,415	496	0.06	59
Smithfield	18,325	1,552	0.08	85
South Kingstown	25,974	4,021	0.15	155
Tiverton	13,168	2,182	0.17	166
Warwick	68,889	10,645	0.15	155
West Greenwich	4,854	555	0.11	114
West Warwick	24,051	3,562	0.15	148
Westerly	18,571	5,415	0.29	292
Woonsocket	32,349	2,695	0.08	83

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
State of Rhode Island	152,173	37.3%	17.7%	0.6%	31.1%	5.9%	4.7%	0.8%	1.1%	0.4%
Barrington	488	42.0%	24.0%	0.0%	19.1%	9.0%	5.5%	0.2%	0.2%	0.0%
Bristol	1,927	26.6%	9.8%	0.0%	53.5%	5.2%	3.4%	0.9%	0.1%	0.5%
Burrillville	2,541	68.0%	14.6%	0.1%	13.9%	0.7%	2.1%	0.2%	0.4%	0.0%
Central Falls	3,981	23.2%	7.4%	0.1%	47.5%	2.5%	11.3%	5.0%	0.4%	2.6%
Charlestown	1,769	67.4%	7.9%	0.3%	17.3%	4.5%	0.2%	0.0%	1.5%	0.0%
Coventry	3,052	34.7%	19.4%	0.2%	37.3%	5.9%	1.7%	0.2%	0.4%	0.1%
Cranston	19,123	18.2%	25.8%	1.7%	41.0%	8.7%	1.8%	1.5%	1.1%	0.2%
Cumberland	3,630	46.7%	15.5%	0.4%	27.3%	1.6%	7.2%	0.1%	0.5%	0.4%
East Greenwich	824	47.6%	17.2%	1.2%	29.4%	1.9%	1.1%	0.1%	0.7%	0.7%
East Providence	4,622	16.1%	36.3%	0.4%	30.1%	10.0%	3.9%	0.0%	2.1%	0.7%
Foster	641	88.0%	4.2%	0.3%	5.8%	0.3%	1.2%	0.0%	0.2%	0.0%
Glocester	1,359	77.0%	8.7%	0.0%	12.7%	0.2%	1.0%	0.1%	0.1%	0.1%
Hopkinton	1,250	68.3%	7.7%	1.4%	10.0%	6.2%	4.1%	0.0%	2.1%	0.0%
Jamestown	1,513	60.4%	4.8%	0.2%	26.0%	1.5%	5.2%	1.5%	0.1%	0.1%
Johnston	3,864	40.7%	10.1%	0.1%	38.5%	3.5%	5.5%	0.6%	0.3%	0.6%
Lincoln	836	50.6%	3.9%	0.4%	32.1%	1.9%	8.7%	0.0%	1.7%	0.4%
Little Compton	726	45.5%	17.9%	0.0%	24.7%	4.4%	7.2%	0.0%	0.1%	0.3%
Middletown	2,636	44.0%	12.0%	0.2%	28.9%	10.3%	4.0%	0.0%	0.2%	0.3%
Narragansett	4,453	48.3%	13.4%	0.8%	29.9%	5.6%	1.1%	0.0%	0.4%	0.2%
Newport	2,311	18.2%	27.6%	0.0%	48.0%	3.6%	1.3%	0.2%	0.9%	0.2%
North Kingstown	3,382	57.7%	8.8%	2.2%	26.6%	2.6%	0.6%	0.0%	0.5%	0.0%
North Providence	3,369	17.8%	41.6%	0.1%	26.6%	4.2%	9.1%	0.2%	0.2%	0.2%
North Smithfield	2,002	25.6%	34.6%	0.0%	26.6%	5.8%	6.4%	0.0%	0.3%	0.2%
Pawtucket	5,130	32.4%	21.3%	1.0%	35.1%	4.3%	1.0%	0.8%	2.7%	0.6%
Portsmouth	7,245	42.7%	26.6%	0.2%	25.9%	0.4%	3.9%	0.2%	0.1%	0.0%
Providence	5,108	15.3%	18.4%	0.4%	38.0%	10.9%	2.3%	1.7%	9.2%	1.7%
Richmond	1,029	71.9%	3.1%	0.2%	13.4%	9.0%	0.0%	0.1%	1.7%	0.1%
RISP - Hope Valley	3,254	45.3%	16.9%	0.3%	24.0%	7.9%	4.3%	0.9%	0.2%	0.1%
RISP - Lincoln	4,308	33.9%	14.0%	0.6%	31.3%	8.3%	9.9%	1.2%	0.1%	0.5%
RISP - Portsmouth	119	66.3%	7.9%	0.2%	18.0%	2.0%	1.8%	3.1%	0.0%	0.7%
RISP - Scituate	1,867	42.3%	24.6%	0.7%	17.3%	6.8%	6.4%	1.6%	0.1%	0.0%

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
RISP - Wickford	3,179	53.7%	10.8%	0.6%	20.5%	7.0%	6.2%	0.8%	0.1%	0.1%
Scituate	496	61.3%	4.6%	0.0%	25.8%	6.5%	0.2%	0.0%	0.8%	0.4%
Smithfield	1,552	32.3%	14.0%	0.9%	31.2%	13.7%	3.9%	1.0%	2.8%	0.1%
South Kingstown	4,021	56.5%	4.6%	0.3%	30.2%	4.2%	2.4%	0.1%	1.0%	0.3%
Tiverton	2,182	30.3%	26.1%	0.3%	22.0%	2.9%	15.7%	0.2%	1.2%	0.3%
Warwick	10,645	36.3%	12.9%	0.4%	35.7%	5.2%	6.9%	0.3%	1.4%	0.8%
West Greenwich	555	65.0%	14.2%	0.2%	12.4%	2.9%	0.2%	0.0%	4.9%	0.0%
West Warwick	3,562	39.1%	19.9%	0.1%	29.5%	5.5%	4.5%	0.0%	0.8%	0.2%
Westerly	5,415	41.0%	14.5%	0.1%	34.7%	3.9%	4.4%	0.1%	0.3%	0.4%
Woonsocket	2,695	25.9%	16.0%	0.9%	30.5%	9.1%	7.0%	0.8%	5.6%	1.4%

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	152,173	35.3%	57.8%	0.8%	2.5%	0.2%	3.4%
Barrington	488	25.6%	73.2%	0.0%	1.0%	0.0%	0.2%
Bristol	1,927	29.7%	70.2%	0.0%	0.1%	0.0%	0.0%
Burrillville	2,541	21.0%	77.0%	0.0%	2.0%	0.0%	0.0%
Central Falls	3,981	55.1%	42.0%	0.1%	2.3%	0.2%	0.4%
Charlestown	1,769	17.1%	76.5%	0.2%	2.3%	0.1%	3.9%
Coventry	3,052	19.6%	74.4%	1.3%	1.2%	0.0%	3.4%
Cranston	19,123	18.7%	69.5%	2.0%	1.0%	0.1%	8.8%
Cumberland	3,630	45.3%	48.7%	0.7%	3.7%	0.4%	1.2%
East Greenwich	824	27.7%	67.7%	0.8%	1.3%	0.2%	2.2%
East Providence	4,622	23.2%	69.2%	2.7%	2.6%	0.6%	1.7%
Foster	641	59.8%	39.0%	0.0%	0.8%	0.0%	0.5%
Glocester	1,359	42.2%	56.9%	0.0%	0.5%	0.0%	0.4%
Hopkinton	1,250	37.9%	53.3%	2.7%	2.8%	0.1%	3.2%
Jamestown	1,513	26.2%	71.0%	0.1%	1.9%	0.0%	0.7%
Johnston	3,864	83.8%	15.0%	0.0%	0.7%	0.1%	0.4%
Lincoln	836	40.1%	54.3%	0.2%	3.7%	0.1%	1.6%
Little Compton	726	15.6%	79.9%	0.0%	4.3%	0.3%	0.0%
Middletown	2,636	28.5%	70.6%	0.0%	0.3%	0.0%	0.6%
Narragansett	4,453	28.5%	65.0%	0.1%	4.7%	0.3%	1.4%
Newport	2,311	9.6%	88.9%	0.0%	0.9%	0.0%	0.6%
North Kingstown	3,382	30.9%	63.4%	1.4%	2.0%	0.1%	2.1%
North Providence	3,369	65.6%	31.1%	0.0%	2.9%	0.0%	0.4%
North Smithfield	2,002	22.4%	63.3%	5.1%	7.1%	0.8%	1.2%
Pawtucket	5,130	41.9%	48.9%	0.8%	2.9%	0.3%	5.0%
Portsmouth	7,245	11.0%	84.6%	0.3%	3.5%	0.2%	0.3%
Providence	5,108	30.1%	51.0%	0.5%	6.9%	0.7%	10.9%
Richmond	1,029	51.1%	46.9%	0.2%	1.3%	0.0%	0.5%
RISP - Hope Valley	3,254	46.8%	49.3%	0.1%	0.8%	0.1%	2.8%
RISP - Lincoln	4,308	56.9%	34.6%	0.4%	2.9%	0.4%	4.9%
RISP - Portsmouth	119	66.1%	26.7%	1.8%	0.9%	0.0%	4.5%
RISP - Scituate	1,867	43.6%	44.3%	2.6%	1.2%	0.2%	8.1%
RISP - Wickford	3,179	55.8%	39.6%	0.1%	1.4%	0.1%	2.9%
Scituate	496	57.7%	37.9%	0.2%	3.6%	0.2%	0.4%
Smithfield	1,552	52.1%	38.0%	1.7%	1.8%	0.1%	6.3%
South Kingstown	4,021	30.6%	63.3%	0.7%	3.0%	0.2%	2.1%
Tiverton	2,182	22.0%	69.2%	0.2%	6.5%	0.2%	1.9%
Warwick	10,645	25.0%	69.4%	0.1%	3.1%	0.1%	2.2%
West Greenwich	555	25.6%	67.0%	0.2%	0.7%	0.0%	6.5%
West Warwick	3,562	33.2%	59.3%	0.2%	5.6%	0.3%	1.5%
Westerly	5,415	29.6%	68.4%	0.0%	1.1%	0.2%	0.7%
Woonsocket	2,695	31.0%	56.9%	0.5%	7.2%	0.8%	3.6%

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

Department Name	Stops	Searches	
		N	%
State of Rhode Island	152,173	3,633	2.4%
Barrington	488	0	0.0%
Bristol	1,927	12	0.6%
Burrillville	2,541	69	2.7%
Central Falls	3,981	54	1.4%
Charlestown	1,769	42	2.4%
Coventry	3,052	159	5.2%
Cranston	19,123	72	0.4%
Cumberland	3,630	63	1.7%
East Greenwich	824	15	1.8%
East Providence	4,622	290	6.3%
Foster	641	13	2.0%
Glocester	1,359	10	0.7%
Hopkinton	1,250	36	2.9%
Jamestown	1,513	30	2.0%
Johnston	3,864	38	1.0%
Lincoln	836	8	1.0%
Little Compton	726	20	2.8%
Middletown	2,636	122	4.6%
Narragansett	4,453	138	3.1%
Newport	2,311	117	5.1%
North Kingstown	3,382	54	1.6%
North Providence	3,369	44	1.3%
North Smithfield	2,002	96	4.8%
Pawtucket	5,130	192	3.7%
Portsmouth	7,245	23	0.3%
Providence	5,108	643	12.6%
Richmond	1,029	25	2.4%
RISP - Hope Valley	3,254	28	0.9%
RISP - Lincoln	4,308	92	2.1%
RISP - Portsmouth	119	1	0.8%
RISP - Scituate	1,867	13	0.7%
RISP - Wickford	3,179	65	2.0%
Scituate	496	4	0.8%
Smithfield	1,552	30	1.9%
South Kingstown	4,021	71	1.8%
Tiverton	2,182	127	5.8%
Warwick	10,645	180	1.7%
West Greenwich	555	14	2.5%
West Warwick	3,562	61	1.7%
Westerly	5,415	320	5.9%
Woonsocket	2,695	240	8.9%

APPENDIX C: SOLAR VISBILITY 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	0.0184082	0.0208509	0.4271843	0.2490098	3356
		Hispanic vs. White	-0.0037299	0.0117481	0.7667508	0.243013	3322
		Any Non-White vs. White	0.0147675	0.019395	0.488831	0.3764525	4051
	2020	Black vs. White	0.0678633	0.026946	0.0654619	0.2444896	3065
		Hispanic vs. White	0.092835	0.0395502	0.07875	0.2460203	3061
		Any Non-White vs. White	0.0822157	0.0328613	0.0666311	0.3853233	3761
	2019	Black vs. White	0.046902	0.0200733	0.0796802	0.2302158	3645
		Hispanic vs. White	0.050275	0.0270476	0.136596	0.2263196	3646
		Any Non-White vs. White	0.0731409	0.0273465	0.0555396	0.365738	4416
	Combined Years - 2021, 2020 & 2019	Black vs. White	0.0449141	0.0138146	0.0057989	0.2407716	10066
		Hispanic vs. White	0.0472347	0.0204209	0.0364367	0.2378312	10029
		Any Non-White vs. White	0.0577367	0.0174911	0.0052527	0.3752525	12228
Municipal Police	2020	Black vs. White	0.0136583	0.0067877	0.1145071	0.2132062	26230
		Hispanic vs. White	0.0253118	0.0045947	0.0052969	0.2225378	26573
		Any Non-White vs. White	0.0226525	0.0052183	0.0122432	0.3442942	31527
	2019	Black vs. White	0.0188394	0.0086745	0.0956155	0.1700342	38991
		Hispanic vs. White	0.0051437	0.0079989	0.5552008	0.1743326	39271
		Any Non-White vs. White	0.0190645	0.0104893	0.143289	0.2859313	45327
	2018	Black vs. White	0.0285233	0.007632	0.0201679	0.182747	39272
		Hispanic vs. White	0.0187502	0.0071162	0.0578897	0.1804719	39196
		Any Non-White vs. White	0.0248686	0.0090221	0.0510376	0.2971487	45661
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0213579	0.004857	0.0006079	0.185706	104493
		Hispanic vs. White	0.0152012	0.0048273	0.0071058	0.1888915	105040
		Any Non-White vs. White	0.022172	0.0050553	0.0006215	0.3051964	122515
All Agencies	2020	Black vs. White	0.0140348	0.006483	0.0963635	0.2172701	29586
		Hispanic vs. White	0.0222308	0.004234	0.0062946	0.2248212	29895
		Any Non-White vs. White	0.0215593	0.0042555	0.0071491	0.3479564	35578
	2019	Black vs. White	0.0219064	0.008304	0.0576972	0.1754904	42056
		Hispanic vs. White	0.010955	0.0096662	0.3203981	0.1795707	42332
		Any Non-White vs. White	0.0231874	0.010893	0.1003598	0.2936014	49088
	2018	Black vs. White	0.0300422	0.008222	0.0216968	0.1868609	42917
		Hispanic vs. White	0.0210352	0.0070569	0.040707	0.1844371	42842
		Any Non-White vs. White	0.0284997	0.0094988	0.0399283	0.3033298	50077
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0231265	0.0048859	0.0003204	0.1905922	114559
		Hispanic vs. White	0.0175794	0.0046402	0.0019956	0.1932034	115069
		Any Non-White vs. White	0.0248265	0.0051999	0.0002965	0.3116212	134743

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

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.0387062	0.0207688	0.1358225	0.2182338	2,750
		Hispanic vs. White	0.0640289	0.025073	0.0630575	0.2096981	2,738
		Any Non-White vs. White	0.0787375	0.0279322	0.0478824	0.3508309	3,312
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0362726	0.012649	0.0124108	0.2320831	7,902
		Hispanic vs. White	0.0499123	0.0184219	0.0169419	0.223852	7,822
		Any Non-White vs. White	0.0586867	0.0165077	0.0031687	0.3642329	9,549
Municipal Police	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
	2018	Black vs. White	0.0192383	0.0089184	0.0971986	0.1546784	29,008
		Hispanic vs. White	0.0102381	0.0078874	0.2640632	0.1574131	29,149
		Any Non-White vs. White	0.0127087	0.0106442	0.2984596	0.2641139	33,334
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0154849	0.0056643	0.0161507	0.1627599	78,130
		Hispanic vs. White	0.0108444	0.0049291	0.0450937	0.169229	78,871
		Any Non-White vs. White	0.0158885	0.0064497	0.0273265	0.2776742	90,628
All Agencies	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
	2018	Black vs. White	0.02087	0.0094749	0.0923778	0.1603144	31,758
		Hispanic vs. White	0.0144577	0.0069848	0.1072444	0.1619904	31,887
		Any Non-White vs. White	0.0181509	0.0104467	0.1573001	0.2721412	36,646
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0172214	0.0056352	0.0085465	0.1692009	86,032
		Hispanic vs. White	0.0140133	0.0047875	0.0110363	0.1742201	86,693
		Any Non-White vs. White	0.0195265	0.0062937	0.0077928	0.2860225	100,177

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

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.0464523	0.0189989	0.0708262	0.2302158	3,645
		Hispanic vs. White	0.0485888	0.0250713	0.1246607	0.2263196	3,646
		Any Non-White vs. White	0.0713663	0.0259468	0.0513489	0.365738	4,416
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0431215	0.0135763	0.0067313	0.2407716	10,066
		Hispanic vs. White	0.0440809	0.0205459	0.0499353	0.2378312	10,029
		Any Non-White vs. White	0.0547901	0.0172883	0.0068261	0.3752525	12,228
Municipal Police	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
	2018	Black vs. White	0.0252376	0.0075233	0.0284466	0.182747	39,272
		Hispanic vs. White	0.0159534	0.0071434	0.0892809	0.1804719	39,196
		Any Non-White vs. White	0.0211696	0.0090612	0.0797006	0.2971487	45,661
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0183339	0.0049031	0.0021997	0.185706	104,493
		Hispanic vs. White	0.0125809	0.0046721	0.0175024	0.1888915	105,040
		Any Non-White vs. White	0.018603	0.005019	0.0023468	0.3051964	122,515
All Agencies	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
	2018	Black vs. White	0.0269773	0.0081048	0.029145	0.1868609	42,917
		Hispanic vs. White	0.0182749	0.0071123	0.0620117	0.1844371	42,842
		Any Non-White vs. White	0.0249194	0.009523	0.0589991	0.3033298	50,077
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0201628	0.0049496	0.0011393	0.1905922	114,559
		Hispanic vs. White	0.0148834	0.0045526	0.0055945	0.1932034	115,069
		Any Non-White vs. White	0.0212647	0.005215	0.0011306	0.3116212	134,743

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

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.036914	0.0266175	0.2377727	0.2302158	3,571
		Hispanic vs. White	0.0416419	0.0323795	0.2678198	0.2263196	3,579
		Any Non-White vs. White	0.0620681	0.0344534	0.1459819	0.365738	4,349
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0456026	0.0139846	0.0056879	0.2407716	9,830
		Hispanic vs. White	0.0445367	0.0183505	0.0293116	0.2378312	9,795
		Any Non-White vs. White	0.0560418	0.0158659	0.0033161	0.3752525	11,995
Municipal Police	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
	2018	Black vs. White	0.0264473	0.0082106	0.0322462	0.182747	39,173
		Hispanic vs. White	0.0171193	0.0080131	0.0994887	0.1804719	39,082
		Any Non-White vs. White	0.0227014	0.0089608	0.0644296	0.2971487	45,556
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0223652	0.0048939	0.0004367	0.185706	104,168
		Hispanic vs. White	0.0174724	0.004884	0.0030311	0.1888915	104,708
		Any Non-White vs. White	0.0241325	0.0052383	0.0004071	0.3051964	122,187
All Agencies	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
	2018	Black vs. White	0.0273994	0.0088828	0.0367683	0.1868609	42,744
		Hispanic vs. White	0.0188266	0.007657	0.069785	0.1844371	42,661
		Any Non-White vs. White	0.0254917	0.0094518	0.0542611	0.3033298	49,905
	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0241086	0.004728	0.000162	0.1905922	113,998
		Hispanic vs. White	0.0194708	0.0045416	0.0007519	0.1932034	114,503
		Any Non-White vs. White	0.0264649	0.005163	0.0001542	0.3116212	134,182

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

Level	Window	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	2020 Spring - 2020 Fall	5	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	4	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	3	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
	2018 Fall - 2019 Spring	2	Black vs. White	0.0874822	0.0427672	0.0711248	0.1916244	788
			Hispanic vs. White	0.1110235	0.0672743	0.1332765	0.1864623	783
			Any Non-White vs. White	0.106775	0.055576	0.0868831	0.3113514	925
	2018 Spring - 2018 Fall	1	Black vs. White	0.0609692	0.0373299	0.1777534	0.1946903	791
			Hispanic vs. White	0.1037404	0.0619731	0.1694519	0.2203182	817
			Any Non-White vs. White	0.0878501	0.0318309	0.050855	0.3329843	955
	2018 Spring - 2020 Fall	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0207696	0.0380962	0.5942042	0.2205954	2,049
			Hispanic vs. White	0.0525338	0.0427194	0.2390602	0.2288749	2,071
			Any Non-White vs. White	0.0567364	0.0416323	0.1944656	0.3583769	2,489
Municipal Police	2020 Spring - 2020 Fall	5	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	4	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	3	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
	2018 Fall - 2019 Spring	2	Black vs. White	0.0092417	0.0177296	0.61477	0.169635	10,275
			Hispanic vs. White	0.0022265	0.0112925	0.8480789	0.1708455	10,290
			Any Non-White vs. White	-0.0011774	0.0174867	0.9477914	0.2841681	11,919
	2018 Spring - 2018 Fall	1	Black vs. White	0.0100684	0.0132509	0.4896776	0.175378	9,260
			Hispanic vs. White	0.0041856	0.0097282	0.6891767	0.1764452	9,272
			Any Non-White vs. White	0.0074996	0.0100029	0.4950979	0.2928975	10,799
	2018 Spring - 2020 Fall	Combined Years - 2020, 2019 & 2018	Black vs. White	-0.0008576	0.0083505	0.9196603	0.1810661	25,383
			Hispanic vs. White	0.0014361	0.0071044	0.8427113	0.1878175	25,594
			Any Non-White vs. White	-0.0001345	0.0083759	0.9874159	0.3036414	29,851
All Agencies	2020 Spring - 2020 Fall	5	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	4	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	3	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
	2018 Fall - 2019 Spring	2	Black vs. White	0.0128197	0.0167105	0.4626337	0.1712013	11,063
			Hispanic vs. White	0.0103254	0.0096497	0.3124672	0.1719498	11,073
			Any Non-White vs. White	0.0063265	0.0160921	0.7033624	0.2861258	12,844
	2018 Spring - 2018 Fall	1	Black vs. White	0.0131445	0.0148689	0.426618	0.1768978	10,051
			Hispanic vs. White	0.0121793	0.0061729	0.1197526	0.179998	10,089
			Any Non-White vs. White	0.0132807	0.0075219	0.1522212	0.2961545	11,754
	2018 Spring - 2020 Fall	Combined Years - 2020, 2019 & 2018	Black vs. White	0.0004791	0.0077947	0.9518627	0.1840187	27,432
			Hispanic vs. White	0.0056271	0.0053803	0.3133406	0.190891	27,665
			Any Non-White vs. White	0.004177	0.0068862	0.5538391	0.3078541	32,340

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0785183	0.0823016	0.3940925	0.0731707	149	0.7506523
	Hispanic vs. White		0.1103621	0.0913448	0.2935156	0.05	144	0.4733604
	Any Non-White vs. White		0.0108046	0.1064274	0.9240222	0.1264368	156	0.9240222
	Black vs. White	3 YR	-0.0084219	0.0196166	0.674221	0.06548	1,418	0.7471098
	Hispanic vs. White		0.0053799	0.0176925	0.7655424	0.0429688	1,384	0.82598
	Any Non-White vs. White		-0.0017791	0.0258651	0.9461333	0.1239571	1,509	0.9461333
Bristol	Black vs. White	1 YR	0.011863	0.0221595	0.6207879	0.0629921	656	0.876803
	Hispanic vs. White		0.0183337	0.0288751	0.5599756	0.0245902	633	0.7225491
	Any Non-White vs. White		0.0203091	0.0376414	0.6181456	0.0834403	673	0.8035893
	Black vs. White	3 YR	-0.0025568	0.0111161	0.8214105	0.0393983	3,705	0.8419458
	Hispanic vs. White		0.0153858	0.0083954	0.0882052	0.0244908	3,651	0.2598374
	Any Non-White vs. White		0.0074524	0.0153368	0.634544	0.064201	3,805	0.7651854
Burrillville	Black vs. White	1 YR	0.0074141	0.0144832	0.6356822	0.022673	744	0.876803
	Hispanic vs. White		0.0286583	0.0109553	0.0590503	0.0409836	760	0.2147282
	Any Non-White vs. White		0.0181266	0.0222171	0.4603629	0.0661345	778	0.7181661
	Black vs. White	3 YR	0.0136296	0.0082599	0.1211721	0.0268979	3,576	0.3312039
	Hispanic vs. White		0.0096683	0.008792	0.2900241	0.0363455	3,611	0.4954578
	Any Non-White vs. White		0.0139896	0.0123173	0.2751237	0.0604369	3,701	0.4707249
Central Falls	Black vs. White	1 YR	0.0465691	0.0476997	0.3841977	0.4761492	1,065	0.7506523
	Hispanic vs. White		0.0379734	0.0246156	0.1977817	0.6528736	1,615	0.3799878
	Any Non-White vs. White		0.0358843	0.0259518	0.2389296	0.7192004	1,992	0.4763131
	Black vs. White	3 YR	0.0330847	0.0299534	0.2879815	0.4394299	2,713	0.4541247
	Hispanic vs. White		-0.0129199	0.025058	0.6141778	0.6292639	4,114	0.7194654
	Any Non-White vs. White		0.0046769	0.0223561	0.8373051	0.6966581	5,023	0.9034082
Charlestown	Black vs. White	1 YR	0.0591018	0.0074231	0.0013481	0.045098	451	0.0107851
	Hispanic vs. White		0.0367016	0.0174959	0.1039196	0.0337302	447	0.2969131
	Any Non-White vs. White		0.0726185	0.0027666	0.0000125	0.0863039	472	0.0004882
	Black vs. White	3 YR	0.0128372	0.0122031	0.3106348	0.0340784	2,450	0.4717047
	Hispanic vs. White		0.0036572	0.0092432	0.6983195	0.0247873	2,427	0.7738135
	Any Non-White vs. White		0.0275901	0.0117577	0.034188	0.080572	2,575	0.1168088
Coventry	Black vs. White	1 YR	0.0044414	0.0210282	0.8430452	0.0552147	436	0.9445699
	Hispanic vs. White		-0.0264896	0.0081553	0.0314305	0.0493827	435	0.1571526
	Any Non-White vs. White		-0.0255688	0.0016519	0.0001017	0.1029126	460	0.0013924
	Black vs. White	3 YR	0.0085278	0.0075536	0.2778809	0.0388869	2,503	0.4541247
	Hispanic vs. White		-0.0010605	0.0059687	0.8615276	0.0242666	2,465	0.9057086
	Any Non-White vs. White		0.0024286	0.0081198	0.7692617	0.0668514	2,576	0.8654574
Cranston	Black vs. White	1 YR	0.0388201	0.0144908	0.0552885	0.2535211	2,883	0.2190953
	Hispanic vs. White		0.0371402	0.0232448	0.1853319	0.3254806	3,209	0.3799878
	Any Non-White vs. White		0.0351915	0.0206405	0.1634009	0.4357871	3,826	0.4107085
	Black vs. White	3 YR	0.0407862	0.0149332	0.0162318	0.2834195	12,547	0.0950721
	Hispanic vs. White		0.0020361	0.0193667	0.9177607	0.3263738	13,364	0.9407047
	Any Non-White vs. White		0.0123557	0.0169455	0.4779355	0.4533539	16,437	0.675702
Cumberland	Black vs. White	1 YR	-0.0411083	0.0480416	0.4404039	0.1441923	669	0.7744893
	Hispanic vs. White		-0.0378618	0.0278565	0.245674	0.1875792	712	0.4272591
	Any Non-White vs. White		-0.0680824	0.0404738	0.1678341	0.2829978	806	0.4107085
	Black vs. White	3 YR	-0.0240031	0.0175914	0.1939483	0.098298	2,615	0.4541102
	Hispanic vs. White		-0.0356315	0.0222536	0.1316585	0.1440818	2,761	0.3102678
	Any Non-White vs. White		-0.0469397	0.0241067	0.0718602	0.2227545	3,044	0.2104478
East Greenwich	Black vs. White	1 YR	-0.098603	0.0068344	0.0001342	0.0416667	135	0.0017887
	Hispanic vs. White		-0.0219976	0.099701	0.8361805	0.0612245	137	0.8968146
	Any Non-White vs. White		-0.0584126	0.1038928	0.6039667	0.08	140	0.8035893
	Black vs. White	3 YR	-0.0308478	0.0355913	0.4007047	0.0946746	468	0.5591251
	Hispanic vs. White		0.0032455	0.0482167	0.9472854	0.0838323	461	0.9472854
	Any Non-White vs. White		-0.0232598	0.057424	0.6915594	0.1436567	496	0.8101124
East Providence	Black vs. White	1 YR	0.0181583	0.0458865	0.7125087	0.2799097	1,176	0.8906358
	Hispanic vs. White		0.0773814	0.0306414	0.0649828	0.1806507	1,034	0.2166094
	Any Non-White vs. White		0.0806885	0.0450212	0.1475666	0.362	1,333	0.4107085
	Black vs. White	3 YR	-0.0008324	0.0157415	0.9585739	0.2796294	6,488	0.9585739
	Hispanic vs. White		-0.0116849	0.0169884	0.5028037	0.1776129	5,700	0.6246955
	Any Non-White vs. White		0.001409	0.0176598	0.9375352	0.3604665	7,324	0.9461333

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.1028535	0.0229174	0.0109225	0.1179487	170	0.062414
	Hispanic vs. White		0.0919762	0.1043142	0.4277241	0.0994764	167	0.6110344
	Any Non-White vs. White		0.1230521	0.0716808	0.1611777	0.2037037	188	0.4107085
	Black vs. White	3 YR	0.019477	0.0277645	0.4944826	0.0742358	605	0.6331849
	Hispanic vs. White		0.0380128	0.0396917	0.3544604	0.0728863	603	0.5573272
	Any Non-White vs. White		0.0407698	0.0359293	0.2755463	0.1564987	662	0.4707249
Glocester	Black vs. White	1 YR	-0.0123946	0.0058071	0.0997135	0.0586011	488	0.2659026
	Hispanic vs. White		-0.0177483	0.0115598	0.1994936	0.0496183	482	0.3799878
	Any Non-White vs. White		-0.0271592	0.027137	0.373549	0.101083	510	0.6334093
	Black vs. White	3 YR	-0.0070797	0.0057151	0.235803	0.0419336	1,562	0.4541247
	Hispanic vs. White		-0.019485	0.0043894	0.000561	0.0408163	1,560	0.0057506
	Any Non-White vs. White		-0.0189786	0.0124376	0.1493028	0.0810056	1,623	0.3825885
Hopkinton	Black vs. White	1 YR	0.0294738	0.0013924	0.0000294	0.0388889	318	0.0011778
	Hispanic vs. White		0.0328378	0.027332	0.2958503	0.0441989	319	0.4733604
	Any Non-White vs. White		0.0397395	0		0.1082474	340	
	Black vs. White	3 YR	0.0279982	0.0059534	0.0003393	0.0652591	932	0.0046376
	Hispanic vs. White		0.0206008	0.0179181	0.2695223	0.0488281	914	0.4804529
	Any Non-White vs. White		0.0220428	0.0182138	0.246231	0.12958	1,001	0.4707249
Jamestown	Black vs. White	1 YR	0.0006185	0.0113902	0.9592978	0.0868421	353	0.968053
	Hispanic vs. White		0.0649349	0.0237668	0.052326	0.0721925	348	0.2093041
	Any Non-White vs. White		0.0503379	0.0156098	0.0321345	0.1598063	383	0.1719509
	Black vs. White	3 YR	-0.0083312	0.0040789	0.0604042	0.0691383	905	0.2063811
	Hispanic vs. White		0.012459	0.0257134	0.6354985	0.0558943	893	0.7237622
	Any Non-White vs. White		0.0150456	0.0147028	0.3235188	0.1235849	961	0.5305708
Johnston	Black vs. White	1 YR	0.0238672	0.0579065	0.7013478	0.1686747	613	0.8906358
	Hispanic vs. White		0.0658182	0.0578152	0.3184997	0.2080344	639	0.4899995
	Any Non-White vs. White		0.0730764	0.0563631	0.2645325	0.3142857	740	0.4912746
	Black vs. White	3 YR	-0.0103127	0.0147804	0.4967717	0.1455939	2,604	0.6331849
	Hispanic vs. White		0.0409543	0.0212439	0.0744134	0.1779491	2,703	0.2542457
	Any Non-White vs. White		0.0176717	0.0260145	0.5080221	0.2825387	3,104	0.6778843
Lincoln	Black vs. White	1 YR	-0.101054	0.1675289	0.5889263	0.2857143	112	0.8724833
	Hispanic vs. White		-0.055435	0.1919865	0.7915792	0.25	105	0.8795325
	Any Non-White vs. White		-0.0367214	0.1718487	0.8444916	0.3918919	131	0.897595
	Black vs. White	3 YR	-0.0155727	0.052247	0.7703683	0.1869328	483	0.8098744
	Hispanic vs. White		-0.0296185	0.0462936	0.5334181	0.234188	518	0.6432394
	Any Non-White vs. White		-0.0149513	0.0526797	0.7810225	0.3323398	593	0.8654574
Little Compton	Black vs. White	1 YR	-0.0745674	0.004944	0.0001126	0.05	203	0.0017887
	Hispanic vs. White		0.0628582	0.0148033	0.0131979	0.0833333	210	0.1137223
	Any Non-White vs. White		-0.0074406	0.0497333	0.8883128	0.1327801	222	0.9116895
	Black vs. White	3 YR	-0.0199511	0.0167868	0.2544061	0.0392157	657	0.4541247
	Hispanic vs. White		0.0411582	0.0265777	0.1437827	0.0528351	668	0.3102678
	Any Non-White vs. White		0.0171102	0.0265094	0.5290805	0.0948276	700	0.6778843
Middletown	Black vs. White	1 YR	-0.1019898	0.0427918	0.0757091	0.2124542	470	0.2523636
	Hispanic vs. White		-0.1138634	0.0336277	0.027632	0.1242363	423	0.1571526
	Any Non-White vs. White		-0.1468737	0.053223	0.0508709	0.2868989	523	0.1983967
	Black vs. White	3 YR	-0.059287	0.0229746	0.0217862	0.1428571	1,464	0.1116543
	Hispanic vs. White		-0.0311997	0.0176592	0.0990515	0.0977444	1,394	0.2707408
	Any Non-White vs. White		-0.0667181	0.0281403	0.0326352	0.2203573	1,611	0.1168088
Narragansett	Black vs. White	1 YR	0.0254137	0.0336346	0.4919539	0.0927514	1,131	0.7744893
	Hispanic vs. White		0.0246251	0.0301929	0.4605129	0.0665597	1,098	0.6351902
	Any Non-White vs. White		0.0316899	0.0437047	0.5085416	0.1528384	1,214	0.7610957
	Black vs. White	3 YR	0.0161966	0.0141	0.2699279	0.0821793	3,906	0.4541247
	Hispanic vs. White		0.0093068	0.0113163	0.4246216	0.0571362	3,806	0.5776848
	Any Non-White vs. White		0.0240204	0.0181646	0.2072405	0.135557	4,154	0.4472032
Newport	Black vs. White	1 YR	0.2327125	0.0306916	0.0016225	0.1826742	467	0.0108169
	Hispanic vs. White		0.0343728	0.0207021	0.1721798	0.0920502	419	0.3799878
	Any Non-White vs. White		0.2109356	0.0284658	0.0017696	0.2452174	505	0.0172535
	Black vs. White	3 YR	0.0406033	0.0177894	0.0386137	0.1677658	3,320	0.1439237
	Hispanic vs. White		0.02556	0.0139723	0.088725	0.1090088	3,101	0.2598374
	Any Non-White vs. White		0.0603372	0.019065	0.0068857	0.2470167	3,662	0.0403308

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	-0.0485557	0.0164051	0.0415627	0.0808926	610	0.2078137
	Hispanic vs. White		-0.0161302	0.0165056	0.3837749	0.0744382	601	0.5685555
	Any Non-White vs. White		-0.0114861	0.0289269	0.7115889	0.1540436	662	0.8409687
	Black vs. White	3 YR	-0.009383	0.0200257	0.6466063	0.0674487	2,063	0.7471098
	Hispanic vs. White		-0.0189455	0.0125457	0.1532488	0.0599662	2,049	0.31416
	Any Non-White vs. White		-0.0192092	0.0222014	0.4014981	0.1280846	2,210	0.587908
North Providence	Black vs. White	1 YR	0.0336765	0.0426186	0.4736287	0.3643192	955	0.7744893
	Hispanic vs. White		0.0282842	0.0666762	0.693238	0.3356231	902	0.815574
	Any Non-White vs. White		0.0384418	0.046477	0.4546591	0.5007375	1,219	0.7181661
	Black vs. White	3 YR	0.0470481	0.0253943	0.0851218	0.3043947	3,353	0.2492852
	Hispanic vs. White		0.0415549	0.0204224	0.0612674	0.2744657	3,205	0.2283603
	Any Non-White vs. White		0.0437766	0.0177604	0.0272536	0.4354486	4,131	0.1168088
North Smithfield	Black vs. White	1 YR	-0.0530172	0.0451769	0.3056842	0.25	328	0.6792982
	Hispanic vs. White		-0.0283883	0.0757232	0.7267681	0.2846154	340	0.8305921
	Any Non-White vs. White		-0.0542576	0.0443707	0.2885136	0.4038461	414	0.511456
	Black vs. White	3 YR	0.0310465	0.0343395	0.3812339	0.2678661	1,801	0.5582353
	Hispanic vs. White		0.0399181	0.0408665	0.3452501	0.2660321	1,802	0.5573272
	Any Non-White vs. White		0.0510389	0.0377483	0.1977879	0.4022848	2,206	0.4472032
Pawtucket	Black vs. White	1 YR	0.0039782	0.0546231	0.9454379	0.4480874	943	0.968053
	Hispanic vs. White		0.0006316	0.0212764	0.9777391	0.3933934	859	0.9777391
	Any Non-White vs. White		0.0069223	0.0346891	0.8515645	0.5699077	1,214	0.897595
	Black vs. White	3 YR	0.0103819	0.0346154	0.7686433	0.4190797	3,907	0.8098744
	Hispanic vs. White		0.0314139	0.0248849	0.2274398	0.3830751	3,702	0.4238651
	Any Non-White vs. White		0.0163974	0.0274253	0.5594586	0.5467601	5,025	0.6950849
Portsmouth	Black vs. White	1 YR	0.0274679	0.0263358	0.3558389	0.1840607	1,405	0.7491346
	Hispanic vs. White		0.0496447	0.0248924	0.1168657	0.1382765	1,334	0.311642
	Any Non-White vs. White		0.0367073	0.0232522	0.1895578	0.2809364	1,594	0.4107085
	Black vs. White	3 YR	0.0758852	0.0148891	0.0001627	0.1490659	4,446	0.0033351
	Hispanic vs. White		0.0447671	0.0095829	0.0003601	0.1013499	4,212	0.0057506
	Any Non-White vs. White		0.0892746	0.0150274	0.000036	0.2302081	4,919	0.0007389
Providence	Black vs. White	1 YR	0.0417389	0.034209	0.2894349	0.7294239	859	0.6791363
	Hispanic vs. White		0.0453017	0.0148679	0.0381419	0.7446602	904	0.1685953
	Any Non-White vs. White		0.0262362	0.0116106	0.086712	0.8281046	1,354	0.3064982
	Black vs. White	3 YR	0.0435803	0.0235217	0.0851107	0.6792724	3,775	0.2492852
	Hispanic vs. White		0.0472297	0.022925	0.0584751	0.6951081	3,971	0.2283603
	Any Non-White vs. White		0.0372968	0.0152187	0.0280049	0.7900016	5,771	0.1168088
Richmond	Black vs. White	1 YR	-0.0163271	0.0348013	0.6633902	0.0505495	409	0.8845202
	Hispanic vs. White		0.0236266	0.004147	0.0046898	0.0292135	400	0.0639332
	Any Non-White vs. White		-0.0267802	0.0406937	0.5464277	0.1037344	433	0.7610957
	Black vs. White	3 YR	-0.0063428	0.0141028	0.6597747	0.0504988	1,410	0.7471098
	Hispanic vs. White		0.0112989	0.005294	0.0509881	0.0243434	1,374	0.2283603
	Any Non-White vs. White		0.0034292	0.0223164	0.8800677	0.0961424	1,481	0.9251994
RISP - Hope Valley	Black vs. White	1 YR	0.1763963	0.0193719	0.0008068	0.2192152	655	0.0080676
	Hispanic vs. White		0.0975271	0.013132	0.0017548	0.1974965	638	0.0639332
	Any Non-White vs. White		0.1800044	0.0117835	0.0001071	0.3435722	780	0.0013924
	Black vs. White	3 YR	0.0907896	0.0225335	0.0012431	0.2276897	2,110	0.0101933
	Hispanic vs. White		0.080287	0.0180456	0.0005503	0.2061723	2,066	0.0057506
	Any Non-White vs. White		0.1005388	0.020082	0.0001922	0.3602763	2,553	0.0019702
RISP - Lincoln	Black vs. White	1 YR	-0.0381608	0.0202059	0.1319643	0.3831217	1,172	0.3299106
	Hispanic vs. White		-0.0337326	0.0243218	0.2377461	0.3561964	1,118	0.4272591
	Any Non-White vs. White		-0.0332034	0.0206709	0.1834863	0.5132587	1,493	0.4107085
	Black vs. White	3 YR	0.0216795	0.0320381	0.5096366	0.3446083	3,059	0.6331849
	Hispanic vs. White		0.0350753	0.0399009	0.394207	0.3423267	3,037	0.5573272
	Any Non-White vs. White		0.0310012	0.0340357	0.377793	0.4903327	3,922	0.5736856
RISP - Portsmouth	Black vs. White	1 YR	0.4246897	0.1504264	0.047671	0.1627907	31	0.2118712
	Hispanic vs. White		0.3075854	0.1656432	0.1368884	0.1	29	0.3422211
	Any Non-White vs. White		0.4246897	0.1504264	0.047671	0.1818182	31	0.1983967
	Black vs. White	3 YR	0.076203	0.0893382	0.4091159	0.1025641	299	0.5591251
	Hispanic vs. White		0.0669411	0.0760567	0.3936375	0.0869565	293	0.5573272
	Any Non-White vs. White		0.1254413	0.0529026	0.0326184	0.1644562	321	0.1168088

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	0.0309638	0.0119238	0.0602512	0.1540698	304	0.2190953
	Hispanic vs. White		0.0080586	0.0821515	0.9265759	0.1637931	301	0.9503343
	Any Non-White vs. White		0.0734837	0.0538718	0.2442631	0.2632912	346	0.4763131
	Black vs. White	3 YR	0.0727808	0.0118195	0.0000249	0.1811594	1,221	0.0010193
	Hispanic vs. White		0.1106905	0.0497951	0.0432011	0.2008487	1,250	0.2283603
	Any Non-White vs. White		0.1238751	0.0333198	0.0022952	0.3109756	1,452	0.0156837
RISP - Wickford	Black vs. White	1 YR	0.001252	0.0293815	0.968053	0.1573374	1,194	0.968053
	Hispanic vs. White		-0.0196766	0.0425243	0.667621	0.1850768	1,236	0.8092375
	Any Non-White vs. White		-0.0152272	0.0519256	0.7839158	0.2794308	1,401	0.8735062
	Black vs. White	3 YR	0.0258513	0.0227357	0.2746125	0.1891538	3,375	0.4541247
	Hispanic vs. White		0.0194332	0.0242758	0.4367861	0.1902145	3,382	0.5776848
	Any Non-White vs. White		0.0359392	0.0286866	0.2307932	0.3122222	3,979	0.4707249
Scituate	Black vs. White	1 YR	0.0868549	0.1182619	0.503418	0.04	72	0.7744893
	Hispanic vs. White		0.1510576	0.0266764	0.004795	0.0769231	75	0.0639332
	Any Non-White vs. White		0.2260285	0.0722725	0.035272	0.1111111	78	0.1719509
	Black vs. White	3 YR	0.0408121	0.0310934	0.2104413	0.0387324	760	0.4541102
	Hispanic vs. White		0.0315433	0.022359	0.1801462	0.0487805	766	0.351714
	Any Non-White vs. White		0.0441868	0.0307215	0.1723268	0.0930233	806	0.4156118
Smithfield	Black vs. White	1 YR	0.0910787	0.0399787	0.084957	0.1151079	370	0.2566294
	Hispanic vs. White		0.0391528	0.0243774	0.1835232	0.0977995	367	0.3799878
	Any Non-White vs. White		0.062044	0.0154615	0.0159593	0.2012987	412	0.1244824
	Black vs. White	3 YR	0.0556622	0.0133316	0.0009345	0.0779673	2,618	0.0095791
	Hispanic vs. White		0.0438769	0.0129986	0.0045283	0.077325	2,625	0.0309434
	Any Non-White vs. White		0.0651858	0.0130036	0.0001899	0.1438268	2,820	0.0019702
South Kingstown	Black vs. White	1 YR	0.0099329	0.0324711	0.7749402	0.1318182	974	0.9393215
	Hispanic vs. White		0.0436922	0.0105184	0.0142153	0.0609636	901	0.1137223
	Any Non-White vs. White		0.0286996	0.0424389	0.5359625	0.187234	1,042	0.7610957
	Black vs. White	3 YR	0.026567	0.0197855	0.2007198	0.0975207	3,270	0.4541102
	Hispanic vs. White		0.0199699	0.009118	0.0459386	0.0462882	3,101	0.2283603
	Any Non-White vs. White		0.0393722	0.0212448	0.085037	0.146875	3,459	0.2324345
Tiverton	Black vs. White	1 YR	0.0313124	0.0140547	0.0898203	0.092511	578	0.2566294
	Hispanic vs. White		0.077725	0.021687	0.0230862	0.0678733	564	0.1539082
	Any Non-White vs. White		0.0781874	0.0245457	0.0333631	0.1428571	614	0.1719509
	Black vs. White	3 YR	0.0284842	0.0116116	0.0278783	0.0730519	1,621	0.127001
	Hispanic vs. White		0.0663956	0.0132564	0.0001915	0.0572372	1,599	0.0057506
	Any Non-White vs. White		0.0706566	0.0097213	0.00000411	0.1215385	1,710	0.0001684
Warwick	Black vs. White	1 YR	-0.0049379	0.0236618	0.8448879	0.1476603	2,575	0.9445699
	Hispanic vs. White		0.0139493	0.0212488	0.5473661	0.1242877	2,507	0.7225491
	Any Non-White vs. White		0.0108038	0.022618	0.6578207	0.2405806	2,882	0.8275809
	Black vs. White	3 YR	0.0505598	0.0160799	0.0071727	0.1470446	9,198	0.0490132
	Hispanic vs. White		0.0481154	0.0116063	0.00099	0.1358049	9,085	0.008118
	Any Non-White vs. White		0.0729958	0.0161658	0.0004847	0.247087	10,404	0.0039742
West Greenwich	Black vs. White	1 YR	0	0		0	60	
	Hispanic vs. White		0	0		0	60	
	Any Non-White vs. White		0	0		0	60	
	Black vs. White	3 YR	-0.0238215	0.0173617	0.1916289	0.0226586	574	0.4541102
	Hispanic vs. White		-0.0393508	0.0227781	0.1060494	0.0443131	591	0.2717516
	Any Non-White vs. White		-0.0639917	0.0321212	0.066223	0.0730659	609	0.2088571
West Warwick	Black vs. White	1 YR	0.0046738	0.023191	0.850113	0.1454965	782	0.9445699
	Hispanic vs. White		-0.0035711	0.017946	0.8519738	0.1200951	752	0.8968146
	Any Non-White vs. White		0.0106635	0.0249083	0.6906162	0.2307692	862	0.8409687
	Black vs. White	3 YR	-0.017001	0.0148855	0.2725631	0.0918176	4,354	0.4541247
	Hispanic vs. White		-0.0131265	0.008338	0.1377428	0.0789696	4,285	0.3102678
	Any Non-White vs. White		-0.0193064	0.0169221	0.2730529	0.1601848	4,694	0.4707249
Westerly	Black vs. White	1 YR	0.0178001	0.0229867	0.4819408	0.0633075	1,390	0.7744893
	Hispanic vs. White		-0.0084328	0.0163954	0.6341271	0.0410053	1,364	0.7926589
	Any Non-White vs. White		0.0110555	0.0354775	0.7708946	0.118541	1,481	0.8735062
	Black vs. White	3 YR	0.0238181	0.0103499	0.0372583	0.0671662	3,386	0.1439237
	Hispanic vs. White		0.0082858	0.0107136	0.4521528	0.0383448	3,293	0.5793208
	Any Non-White vs. White		0.01668	0.0178359	0.3655414	0.1234599	3,607	0.5736856

Table C.6: Solar Visibility Analysis by Agency

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0074517	0.0554292	0.8995507	0.223301	466	0.968053
	Hispanic vs. White		0.1207334	0.0553066	0.0944293	0.2857143	505	0.2905517
	Any Non-White vs. White		0.0641256	0.0391683	0.1769344	0.4117647	617	0.4107085
	Black vs. White	3 YR	-0.0105949	0.0183465	0.5727811	0.1828778	2,271	0.6907066
	Hispanic vs. White		0.0210953	0.023848	0.3913257	0.2572159	2,480	0.5573272
	Any Non-White vs. White		-0.0128675	0.0193138	0.5160905	0.3668639	2,905	0.6778843

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	-0.0759136	0.0904515	0.4485469	0.059322	104	0.7841167
	Hispanic vs. White		0.1308766	0.0492369	0.0565022	0.0347826	101	0.2003259
	Any Non-White vs. White		0.0624797	0.1316179	0.6597533	0.097561	107	0.7893741
	Black vs. White	3 YR	-0.0118284	0.0201436	0.566416	0.0678871	1,183	0.7187303
	Hispanic vs. White		0.0037104	0.0157447	0.8171072	0.0385523	1,150	0.8171072
	Any Non-White vs. White		-0.0035168	0.0250089	0.8901715	0.1227566	1,255	0.9698068
Bristol	Black vs. White	1 YR	0.0107053	0.015082	0.5170131	0.0610329	540	0.7896806
	Hispanic vs. White		0.0214443	0.0303926	0.519374	0.0275527	524	0.72694
	Any Non-White vs. White		0.0223382	0.0338161	0.5449864	0.0825688	555	0.7893741
	Black vs. White	3 YR	0.0007079	0.0112989	0.9509304	0.0361621	3,018	0.9510017
	Hispanic vs. White		0.0138419	0.0088925	0.1418814	0.0242102	2,985	0.3231743
	Any Non-White vs. White		0.0105787	0.0139259	0.460069	0.0610795	3,100	0.7404067
Burrillville	Black vs. White	1 YR	0.0080478	0.013548	0.5844645	0.0251852	599	0.8368264
	Hispanic vs. White		0.0338075	0.0074419	0.0104743	0.0449927	613	0.0869941
	Any Non-White vs. White		0.0232385	0.016828	0.2394338	0.0693069	626	0.5763482
	Black vs. White	3 YR	0.0116456	0.0094181	0.2366128	0.0290525	2,742	0.4850562
	Hispanic vs. White		0.0094037	0.0063798	0.1626165	0.0370007	2,764	0.3333637
	Any Non-White vs. White		0.0108801	0.0099727	0.293697	0.0630774	2,839	0.5473443
Central Falls	Black vs. White	1 YR	0.0144602	0.039274	0.7313896	0.4614561	861	0.9032992
	Hispanic vs. White		0.0248621	0.0213813	0.3095541	0.6417379	1,308	0.5201737
	Any Non-White vs. White		0.0189283	0.0193946	0.3843491	0.7087435	1,602	0.6339484
	Black vs. White	3 YR	0.0310668	0.0288082	0.2990845	0.4329145	2,271	0.5331506
	Hispanic vs. White		-0.0167163	0.0227527	0.4746523	0.6177596	3,379	0.5897196
	Any Non-White vs. White		0.0035267	0.0206173	0.8666282	0.6877929	4,134	0.9698068
Charlestown	Black vs. White	1 YR	0.0600201	0.003502	0.000068	0.0501089	406	0.0012918
	Hispanic vs. White		0.0357204	0.0207666	0.160533	0.0375276	402	0.4173857
	Any Non-White vs. White		0.0784525	0.001033	0.00000018	0.0897704	424	0.00000685
	Black vs. White	3 YR	0.0143483	0.0113177	0.2255555	0.0324149	2,221	0.4850562
	Hispanic vs. White		0.0073703	0.0099476	0.4709936	0.0249081	2,203	0.5897196
	Any Non-White vs. White		0.0355576	0.0117533	0.0090836	0.0783481	2,331	0.0465536
Coventry	Black vs. White	1 YR	0.0320666	0.028944	0.3300421	0.0516304	327	0.6967555
	Hispanic vs. White		-0.0035064	0.0011817	0.0412536	0.0516304	329	0.1608892
	Any Non-White vs. White		0.008952	0.0254843	0.7431037	0.1005155	345	0.8505814
	Black vs. White	3 YR	0.0047939	0.0118369	0.6916026	0.0350785	1,703	0.7876586
	Hispanic vs. White		-0.0084054	0.0053472	0.1382854	0.0248677	1,688	0.3231743
	Any Non-White vs. White		-0.0090756	0.0122081	0.4695262	0.0639919	1,758	0.7404067
Cranston	Black vs. White	1 YR	0.0304721	0.0068992	0.0115396	0.2259275	2,079	0.0585589
	Hispanic vs. White		0.0142415	0.0258949	0.6116018	0.2955235	2,296	0.72694
	Any Non-White vs. White		0.0120444	0.020147	0.5821568	0.405189	2,710	0.7893741
	Black vs. White	3 YR	0.0238488	0.0191042	0.2323757	0.2515146	8,669	0.4850562
	Hispanic vs. White		-0.0077697	0.0221113	0.7305259	0.2906899	9,176	0.769477
	Any Non-White vs. White		-0.0013816	0.0205485	0.9473453	0.4173544	11,137	0.9710289
Cumberland	Black vs. White	1 YR	0.0124326	0.0675425	0.8629132	0.0948617	445	0.9108528
	Hispanic vs. White		-0.0386089	0.0260049	0.2118011	0.1192308	459	0.4965192
	Any Non-White vs. White		-0.0413749	0.0358899	0.313184	0.1978984	506	0.6339484
	Black vs. White	3 YR	-0.0134402	0.0165696	0.4308645	0.0712389	2,040	0.6309088
	Hispanic vs. White		-0.0476745	0.0197559	0.0300991	0.1087049	2,126	0.154258
	Any Non-White vs. White		-0.0456936	0.0204422	0.0422102	0.1775078	2,309	0.1331245
East Greenwich	Black vs. White	1 YR	-0.0030674	0.0243829	0.905959	0.0245902	116	0.9304443
	Hispanic vs. White		0.1018587	0.0780294	0.261782	0.0403226	118	0.5026094
	Any Non-White vs. White		0.0820088	0.0605258	0.2469063	0.048	119	0.5763482
	Black vs. White	3 YR	-0.0232295	0.0264098	0.3939344	0.0593824	389	0.6212043
	Hispanic vs. White		0.01873	0.0426779	0.6674543	0.0503597	385	0.7601563
	Any Non-White vs. White		-0.0127693	0.0547601	0.8189918	0.0958904	406	0.9698068
East Providence	Black vs. White	1 YR	-0.0072432	0.0080734	0.4203452	0.24625	695	0.7841167
	Hispanic vs. White		0.0457332	0.0467788	0.3836047	0.1578212	628	0.575407
	Any Non-White vs. White		0.0354422	0.0335782	0.3507253	0.3209459	777	0.6339484
	Black vs. White	3 YR	0.0106754	0.0125947	0.4109109	0.239569	3,942	0.6239758
	Hispanic vs. White		-0.0180492	0.017408	0.3173903	0.143558	3,508	0.5005001
	Any Non-White vs. White		0.0014308	0.0110535	0.8988454	0.3128237	4,374	0.9698068

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.068522	0.0424257	0.1815895	0.1202186	160	0.5613402
	Hispanic vs. White		0.0584518	0.0879794	0.5427883	0.1005587	157	0.72694
	Any Non-White vs. White		0.0936576	0.0710471	0.25784	0.2107843	178	0.5763482
	Black vs. White	3 YR	0.0062251	0.0269197	0.8204683	0.0729814	569	0.893367
	Hispanic vs. White		0.0328001	0.0370671	0.3911628	0.0729814	568	0.5592806
	Any Non-White vs. White		0.0358804	0.0322762	0.2850076	0.157969	624	0.5473443
Glocester	Black vs. White	1 YR	-0.0158776	0.0026261	0.003775	0.0485232	435	0.0239086
	Hispanic vs. White		-0.0353514	0.0105237	0.0283258	0.0444915	432	0.157815
	Any Non-White vs. White		-0.042737	0.0234126	0.1419863	0.0888889	453	0.4496234
	Black vs. White	3 YR	-0.0107112	0.0073398	0.1665457	0.0402042	1,428	0.4850562
	Hispanic vs. White		-0.0243421	0.0051207	0.0003083	0.0383632	1,425	0.0042137
	Any Non-White vs. White		-0.0244101	0.0102926	0.0325909	0.0778663	1,480	0.1226972
Hopkinton	Black vs. White	1 YR	0.0403482	0.0011638	0.00000413	0.0383387	274	0.000157
	Hispanic vs. White		0.0147768	0.0321369	0.6695367	0.0414013	275	0.7460552
	Any Non-White vs. White		0.0403782	0		0.1068249	293	
	Black vs. White	3 YR	0.0215529	0.0123901	0.1038711	0.0595099	760	0.4009024
	Hispanic vs. White		0.0050328	0.0155323	0.7507093	0.037037	741	0.769477
	Any Non-White vs. White		0.0014291	0.0160034	0.93011	0.1162281	808	0.9710289
Jamestown	Black vs. White	1 YR	-0.0083714	0.0194415	0.6889521	0.0855457	318	0.9032992
	Hispanic vs. White		0.0596833	0.0189442	0.0344983	0.0718563	313	0.1608892
	Any Non-White vs. White		0.0298154	0.0095943	0.0359544	0.1644205	347	0.153204
	Black vs. White	3 YR	-0.0075581	0.0147075	0.6153426	0.070133	759	0.7420308
	Hispanic vs. White		0.017719	0.0214616	0.4228707	0.0541205	747	0.5592806
	Any Non-White vs. White		0.0125659	0.0036525	0.00398	0.1271283	809	0.0369513
Johnston	Black vs. White	1 YR	0.0111127	0.0321585	0.7470804	0.1468048	534	0.9032992
	Hispanic vs. White		0.1035978	0.0431532	0.0743002	0.1780366	553	0.2233614
	Any Non-White vs. White		0.0904264	0.0611178	0.2130893	0.2798834	632	0.5763482
	Black vs. White	3 YR	-0.024725	0.008336	0.0102162	0.12748	2,139	0.0837726
	Hispanic vs. White		0.0418985	0.0283287	0.1612821	0.1511294	2,198	0.3333637
	Any Non-White vs. White		0.0085328	0.0311129	0.7878959	0.2508155	2,496	0.9698068
Lincoln	Black vs. White	1 YR	-0.1328948	0.1626218	0.4736744	0.2916667	107	0.7841167
	Hispanic vs. White		-0.1081919	0.1850247	0.5997907	0.2410714	97	0.72694
	Any Non-White vs. White		-0.0828866	0.1635713	0.6472411	0.3884892	123	0.7893741
	Black vs. White	3 YR	-0.053073	0.0510691	0.3176374	0.184874	418	0.5426306
	Hispanic vs. White		-0.043728	0.0458436	0.3575595	0.2224449	441	0.5429607
	Any Non-White vs. White		-0.034228	0.0482924	0.4909861	0.3263889	509	0.7455716
Little Compton	Black vs. White	1 YR	-0.0835377	0.0108666	0.00154	0.0457516	140	0.0195071
	Hispanic vs. White		0.0337041	0.0505975	0.5417836	0.0580645	143	0.72694
	Any Non-White vs. White		-0.0624806	0.0664609	0.4003885	0.1151515	152	0.6339484
	Black vs. White	3 YR	-0.038694	0.0198946	0.0721478	0.0414201	439	0.3467949
	Hispanic vs. White		0.0294449	0.0280641	0.3118606	0.0470588	442	0.5005001
	Any Non-White vs. White		-0.009158	0.0322001	0.7802604	0.0915888	465	0.9698068
Middletown	Black vs. White	1 YR	-0.1008563	0.0232805	0.0123282	0.1748252	371	0.0585589
	Hispanic vs. White		-0.0564639	0.0235385	0.0744538	0.1060606	344	0.2233614
	Any Non-White vs. White		-0.1207047	0.0341094	0.0240404	0.2452026	409	0.1522559
	Black vs. White	3 YR	-0.0509856	0.0199035	0.0226012	0.1182336	1,222	0.1544414
	Hispanic vs. White		-0.0265199	0.0145952	0.0906765	0.0843195	1,183	0.2762589
	Any Non-White vs. White		-0.0665199	0.0286638	0.0359114	0.1897906	1,333	0.1226972
Narragansett	Black vs. White	1 YR	0.002915	0.0122993	0.8242965	0.0781099	908	0.9047654
	Hispanic vs. White		0.0177617	0.034309	0.6319828	0.0581281	890	0.72694
	Any Non-White vs. White		0.0059984	0.0401268	0.8884051	0.1316985	967	0.9377609
	Black vs. White	3 YR	0.0050441	0.0119538	0.6794544	0.0716876	3,183	0.7876586
	Hispanic vs. White		0.0089548	0.0108352	0.4224079	0.0521219	3,122	0.5592806
	Any Non-White vs. White		0.0186532	0.0166543	0.2815506	0.1212041	3,370	0.5473443
Newport	Black vs. White	1 YR	0.220077	0.0332944	0.0027153	0.2067039	309	0.0206363
	Hispanic vs. White		0.0538424	0.0180456	0.0405904	0.0955414	269	0.1608892
	Any Non-White vs. White		0.2271292	0.0343177	0.0027025	0.2699229	334	0.0256738
	Black vs. White	3 YR	0.0385906	0.022444	0.1075592	0.1553323	2,292	0.4009024
	Hispanic vs. White		0.0400259	0.0124767	0.0063187	0.0951987	2,136	0.0370092
	Any Non-White vs. White		0.0665618	0.0261699	0.0234129	0.2324438	2,512	0.1066587

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	-0.0641031	0.0202314	0.0339068	0.0837209	554	0.1415015
	Hispanic vs. White		0.000139	0.0130218	0.9919949	0.0663507	540	0.9991723
	Any Non-White vs. White		0.0037494	0.0115154	0.7610465	0.1471861	595	0.8505814
	Black vs. White	3 YR	-0.0151017	0.0203945	0.4712459	0.0660731	1,848	0.6440361
	Hispanic vs. White		-0.0069264	0.0109914	0.5387374	0.0550024	1,827	0.6496539
	Any Non-White vs. White		-0.0099242	0.0196618	0.6215877	0.122413	1,969	0.8560524
North Providence	Black vs. White	1 YR	0.0303108	0		0.2823062	442	
	Hispanic vs. White		0.0727897	0.0549357	0.255793	0.2692308	434	0.5026094
	Any Non-White vs. White		0.0679091	0.0220781	0.0370805	0.4177419	552	0.153204
	Black vs. White	3 YR	0.0386445	0.029212	0.2070712	0.2378709	1,912	0.4850562
	Hispanic vs. White		0.0478182	0.0349864	0.193247	0.2194887	1,868	0.3772918
	Any Non-White vs. White		0.0396912	0.0329127	0.2478216	0.3614838	2,283	0.5347729
North Smithfield	Black vs. White	1 YR	-0.0421792	0.0286898	0.2154601	0.2155172	203	0.5613402
	Hispanic vs. White		-0.0328579	0.062641	0.6276273	0.2288136	203	0.72694
	Any Non-White vs. White		-0.077453	0.0209781	0.0209803	0.3476703	244	0.1522559
	Black vs. White	3 YR	0.0117164	0.0607301	0.8497881	0.2151102	856	0.893367
	Hispanic vs. White		0.0212581	0.0538861	0.6991562	0.2126316	856	0.769477
	Any Non-White vs. White		0.0162352	0.0538391	0.7674274	0.3351111	1,014	0.9698068
Pawtucket	Black vs. White	1 YR	0.0216263	0.0612604	0.7418898	0.4095808	724	0.9032992
	Hispanic vs. White		0.0214271	0.0519618	0.7012162	0.368758	674	0.7596508
	Any Non-White vs. White		0.0247476	0.0503776	0.6489894	0.5392523	927	0.7893741
	Black vs. White	3 YR	0.0019166	0.0306372	0.9510017	0.3840937	2,851	0.9510017
	Hispanic vs. White		0.0286999	0.0176583	0.1263934	0.362069	2,767	0.3231743
	Any Non-White vs. White		0.0105927	0.0206411	0.6158236	0.5190178	3,661	0.8560524
Portsmouth	Black vs. White	1 YR	0.0594404	0.0436156	0.2446162	0.1834382	854	0.5809636
	Hispanic vs. White		0.0532333	0.0445304	0.2979416	0.1257015	800	0.5201737
	Any Non-White vs. White		0.055787	0.0587565	0.3961501	0.2739981	958	0.6339484
	Black vs. White	3 YR	0.0856184	0.0237015	0.0028283	0.1447451	2,825	0.038653
	Hispanic vs. White		0.0306137	0.0155353	0.0688755	0.0927904	2,661	0.2567177
	Any Non-White vs. White		0.0847095	0.0263989	0.0063088	0.2223176	3,106	0.0369513
Providence	Black vs. White	1 YR	0.0561315	0		0.6921087	681	
	Hispanic vs. White		0.062111	0		0.7180095	739	
	Any Non-White vs. White		0.0386178	0		0.8058727	1,083	
	Black vs. White	3 YR	0.042012	0.0249789	0.2346122	0.6373558	2,899	0.4850562
	Hispanic vs. White		0.0573265	0.0189774	0.0943368	0.6628985	3,124	0.2762589
	Any Non-White vs. White		0.0421932	0.0143963	0.0993674	0.762895	4,448	0.2715949
Richmond	Black vs. White	1 YR	-0.0078165	0.0348104	0.8333366	0.0495495	398	0.9047654
	Hispanic vs. White		0.0242038	0.0036296	0.002628	0.0298851	390	0.0401672
	Any Non-White vs. White		-0.0248006	0.0395203	0.5643483	0.1021277	421	0.7893741
	Black vs. White	3 YR	-0.0027037	0.013213	0.8408118	0.0489556	1,349	0.893367
	Hispanic vs. White		0.0119781	0.0055024	0.0470943	0.0254181	1,318	0.2145409
	Any Non-White vs. White		0.0045079	0.0227107	0.8455126	0.0955928	1,418	0.9698068
RISP - Hope Valley	Black vs. White	1 YR	0.2057774	0.0307396	0.0025903	0.2067797	518	0.0206363
	Hispanic vs. White		0.1011702	0.0300662	0.0281761	0.1903114	506	0.157815
	Any Non-White vs. White		0.2099114	0.0277375	0.0016343	0.3380481	620	0.0207016
	Black vs. White	3 YR	0.1060424	0.0309165	0.0040634	0.2259279	1,632	0.0416499
	Hispanic vs. White		0.0868424	0.01538	0.0000603	0.2071625	1,597	0.001236
	Any Non-White vs. White		0.1175165	0.0268832	0.0006391	0.3671944	1,999	0.0087342
RISP - Lincoln	Black vs. White	1 YR	-0.0403621	0.0261705	0.1978706	0.3677363	1,015	0.5613402
	Hispanic vs. White		-0.0209698	0.0159149	0.2580295	0.3318057	952	0.5026094
	Any Non-White vs. White		-0.0275793	0.0291687	0.3979364	0.4958506	1,274	0.6339484
	Black vs. White	3 YR	-0.0192527	0.021613	0.3880919	0.3266276	2,423	0.6212043
	Hispanic vs. White		0.0175946	0.0310243	0.5796117	0.3102286	2,360	0.6789737
	Any Non-White vs. White		-0.0002154	0.0266827	0.9936716	0.466686	3,052	0.9936716
RISP - Portsmouth	Black vs. White	1 YR	0.4586648	0.1493276	0.0372372	0.175	27	0.1415015
	Hispanic vs. White		0.3636137	0.1708524	0.1232172	0.1081081	24	0.3432479
	Any Non-White vs. White		0.4586648	0.1493276	0.0372372	0.1951219	27	0.153204
	Black vs. White	3 YR	0.0531826	0.0931278	0.5784902	0.0982456	236	0.7187303
	Hispanic vs. White		0.1287163	0.1001986	0.2231726	0.0918728	234	0.4159125
	Any Non-White vs. White		0.1430591	0.0610045	0.0355519	0.1682848	257	0.1226972

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	0.0609073	0.0302348	0.114214	0.148	222	0.3945574
	Hispanic vs. White		0.0338915	0.0658163	0.6337426	0.1547619	221	0.72694
	Any Non-White vs. White		0.1205737	0.0443868	0.0531827	0.2473498	251	0.183722
	Black vs. White	3 YR	0.0931251	0.0249574	0.0022342	0.1776133	950	0.038653
	Hispanic vs. White		0.1377555	0.0334207	0.0010369	0.1866423	966	0.0106284
	Any Non-White vs. White		0.1591757	0.0288382	0.0000755	0.3011006	1,126	0.003097
RISP - Wickford	Black vs. White	1 YR	0.0190604	0.0270243	0.5195267	0.1536435	1,029	0.7896806
	Hispanic vs. White		-0.0150661	0.0408432	0.7309157	0.1788756	1,059	0.7704246
	Any Non-White vs. White		-0.0002544	0.0518973	0.9963242	0.2724528	1,200	0.9963242
	Black vs. White	3 YR	0.0254798	0.0220257	0.2667018	0.1820607	2,657	0.5056479
	Hispanic vs. White		0.0275994	0.0257985	0.3028062	0.1831502	2,661	0.5005001
	Any Non-White vs. White		0.0471724	0.0296024	0.1333608	0.3017364	3,112	0.3344791
Scituate	Black vs. White	1 YR	0.1017069	0.1290157	0.474597	0.0428571	67	0.7841167
	Hispanic vs. White		0.1841943	0.0003905	1.21E-10	0.0694444	69	4.73E-09
	Any Non-White vs. White		0.2620557	0.0343405	0.0015836	0.1066667	72	0.0207016
	Black vs. White	3 YR	0.0492719	0.0314395	0.1393868	0.0345679	720	0.4396046
	Hispanic vs. White		0.0406329	0.0247436	0.122821	0.045177	726	0.3231743
	Any Non-White vs. White		0.0512898	0.0336469	0.1496879	0.0885781	763	0.3409559
Smithfield	Black vs. White	1 YR	0.0749702	0.0518292	0.2215817	0.1111111	328	0.5613402
	Hispanic vs. White		0.0416764	0.0367481	0.3201069	0.0964187	325	0.5201737
	Any Non-White vs. White		0.0454394	0.0151944	0.0403168	0.198044	366	0.153204
	Black vs. White	3 YR	0.0506933	0.01223	0.0009912	0.0760953	2,372	0.038653
	Hispanic vs. White		0.0432696	0.0120419	0.0029375	0.0739599	2,378	0.0200729
	Any Non-White vs. White		0.0610226	0.0119236	0.0001565	0.1405077	2,554	0.003208
South Kingstown	Black vs. White	1 YR	-0.0079197	0.0279498	0.7909662	0.127451	904	0.9047654
	Hispanic vs. White		0.0394623	0.0088464	0.0111531	0.0591966	840	0.0869941
	Any Non-White vs. White		0.0184182	0.0394309	0.6647361	0.1819853	967	0.7893741
	Black vs. White	3 YR	0.0172545	0.0225748	0.4573616	0.0962356	2,965	0.6440361
	Hispanic vs. White		0.0151417	0.0074324	0.0609913	0.0446085	2,814	0.2500644
	Any Non-White vs. White		0.0340264	0.02167	0.1386864	0.144786	3,137	0.3344791
Tiverton	Black vs. White	1 YR	0.009137	0.0280163	0.760673	0.075718	329	0.9032992
	Hispanic vs. White		0.0688345	0.0107827	0.0030898	0.0708661	326	0.0401672
	Any Non-White vs. White		0.0473358	0.0339979	0.2362375	0.1323529	351	0.5763482
	Black vs. White	3 YR	0.019743	0.0124972	0.1364774	0.067718	945	0.4396046
	Hispanic vs. White		0.0628505	0.0102191	0.0000252	0.056338	936	0.0010322
	Any Non-White vs. White		0.0659638	0.0205156	0.0062282	0.1168717	997	0.0369513
Warwick	Black vs. White	1 YR	-0.0219469	0.0186649	0.3048638	0.1361646	2,045	0.6814603
	Hispanic vs. White		0.0180735	0.0123253	0.2164314	0.1140548	1,996	0.4965192
	Any Non-White vs. White		-0.0030383	0.012406	0.8185831	0.2253632	2,275	0.8887473
	Black vs. White	3 YR	0.0311056	0.0162416	0.0761257	0.128947	6,766	0.3467949
	Hispanic vs. White		0.0398693	0.0101805	0.0015514	0.1198772	6,705	0.0127216
	Any Non-White vs. White		0.0565699	0.0174905	0.0059969	0.2227985	7,576	0.0369513
West Greenwich	Black vs. White	1 YR	0	0		0	44	
	Hispanic vs. White		0	0		0	44	
	Any Non-White vs. White		0	0		0	44	
	Black vs. White	3 YR	-0.0330664	0.0249863	0.2069155	0.025641	411	0.4850562
	Hispanic vs. White		-0.0580792	0.0310057	0.0820731	0.0420168	421	0.2762589
	Any Non-White vs. White		-0.0835147	0.0382121	0.0463369	0.0750507	436	0.135701
West Warwick	Black vs. White	1 YR	0.0019373	0.0334917	0.956646	0.0986717	469	0.956646
	Hispanic vs. White		-0.025241	0.0244276	0.359842	0.108818	470	0.5613536
	Any Non-White vs. White		-0.0029175	0.035828	0.9390104	0.1894198	518	0.9643891
	Black vs. White	3 YR	-0.0173329	0.0151352	0.2713233	0.0776416	3,089	0.5056479
	Hispanic vs. White		-0.010074	0.0117878	0.4071567	0.0708615	3,061	0.5592806
	Any Non-White vs. White		-0.0167506	0.0176834	0.3595766	0.1427021	3,315	0.6142766
Westerly	Black vs. White	1 YR	0.0204658	0.0252717	0.4634601	0.0633914	1,124	0.7841167
	Hispanic vs. White		0.0000224	0.0203329	0.9991723	0.0374593	1,099	0.9991723
	Any Non-White vs. White		0.0270998	0.0414049	0.54851	0.1179104	1,198	0.7893741
	Black vs. White	3 YR	0.0259265	0.0124578	0.0562592	0.066304	2,661	0.3295184
	Hispanic vs. White		0.0122003	0.0117126	0.3152356	0.036153	2,585	0.5005001
	Any Non-White vs. White		0.0215656	0.0210674	0.3233652	0.121842	2,834	0.5764337

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.028866	0.0499896	0.5945872	0.2246914	365	0.8368264
	Hispanic vs. White		0.1028783	0.0805511	0.2706358	0.2879819	396	0.5026094
	Any Non-White vs. White		0.0655237	0.0620991	0.3508728	0.4130841	483	0.6339484
	Black vs. White	3 YR	0.0145126	0.0203331	0.4871161	0.1767594	1,665	0.6442503
	Hispanic vs. White		0.0110304	0.0324898	0.7392706	0.243988	1,802	0.769477
	Any Non-White vs. White		-0.0114086	0.0229198	0.6263798	0.3554037	2,108	0.8560524

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	-0.0770352	0.0789898	0.3846565	0.0731707	149	0.7895581
	Hispanic vs. White		0.099804	0.0881842	0.3209834	0.05	144	0.5215979
	Any Non-White vs. White		0.0083382	0.1033805	0.9395899	0.1264368	156	0.9395899
	Black vs. White	3 YR	-0.0058121	0.0189517	0.7636023	0.06548	1,418	0.8101883
	Hispanic vs. White		0.0059308	0.0178906	0.7451767	0.0429688	1,384	0.8040065
	Any Non-White vs. White		0.0002272	0.025715	0.9930758	0.1239571	1,509	0.9930758
Bristol	Black vs. White	1 YR	0.0064372	0.0245256	0.8059231	0.0629921	656	0.9274659
	Hispanic vs. White		0.0161539	0.0279367	0.5941007	0.0245902	633	0.747417
	Any Non-White vs. White		0.0146184	0.0378493	0.718993	0.0834403	673	0.8505719
	Black vs. White	3 YR	-0.0030099	0.0111935	0.7919343	0.0393983	3,705	0.8117326
	Hispanic vs. White		0.0146553	0.0084176	0.103599	0.0244908	3,651	0.2831706
	Any Non-White vs. White		0.0063612	0.0154998	0.6877211	0.064201	3,805	0.8293107
Burrillville	Black vs. White	1 YR	0.0071998	0.013766	0.6285959	0.022673	744	0.9274659
	Hispanic vs. White		0.0265864	0.0115776	0.0832719	0.0409836	760	0.2952367
	Any Non-White vs. White		0.0157954	0.0217227	0.5074151	0.0661345	778	0.7915675
	Black vs. White	3 YR	0.0135316	0.0082148	0.1217674	0.0268979	3,576	0.3566045
	Hispanic vs. White		0.0093295	0.0087409	0.3038802	0.0363455	3,611	0.5416996
	Any Non-White vs. White		0.0135583	0.0126274	0.3011066	0.0604369	3,701	0.5143904
Central Falls	Black vs. White	1 YR	0.0385169	0.0361754	0.3470033	0.4761492	1,065	0.7518404
	Hispanic vs. White		0.0310914	0.025096	0.2831136	0.6528736	1,615	0.5018831
	Any Non-White vs. White		0.029071	0.0242202	0.2962546	0.7192004	1,992	0.5251786
	Black vs. White	3 YR	0.0268491	0.0284957	0.3620578	0.4394299	2,713	0.5120946
	Hispanic vs. White		-0.0153461	0.0247427	0.5450722	0.6292639	4,114	0.657293
	Any Non-White vs. White		0.0009375	0.022158	0.9668505	0.6966581	5,023	0.9910217
Charlestown	Black vs. White	1 YR	0.0583965	0.0100346	0.0043412	0.045098	451	0.0423267
	Hispanic vs. White		0.0376795	0.0179672	0.1039901	0.0337302	447	0.3119702
	Any Non-White vs. White		0.06368	0.0119021	0.0058844	0.0863039	472	0.0569923
	Black vs. White	3 YR	0.013473	0.0119354	0.2779414	0.0340784	2,450	0.4758169
	Hispanic vs. White		0.0044278	0.0087641	0.6212624	0.0247873	2,427	0.7075489
	Any Non-White vs. White		0.02836	0.0117582	0.0301711	0.080572	2,575	0.1257854
Coventry	Black vs. White	1 YR	0.0034633	0.021512	0.8799036	0.0552147	436	0.9274659
	Hispanic vs. White		-0.0242464	0.0092757	0.0591731	0.0493827	435	0.2952367
	Any Non-White vs. White		-0.0250365	0.0088157	0.0468688	0.1029126	460	0.2284856
	Black vs. White	3 YR	0.0078625	0.0073446	0.3024973	0.0388869	2,503	0.4758169
	Hispanic vs. White		-0.001099	0.0057982	0.8523939	0.0242666	2,465	0.8961064
	Any Non-White vs. White		0.0018386	0.0081587	0.8249608	0.0668514	2,576	0.8900893
Cranston	Black vs. White	1 YR	0.0356646	0.0128411	0.0499527	0.2535211	2,883	0.1948157
	Hispanic vs. White		0.034343	0.0222565	0.1976878	0.3254806	3,209	0.4272763
	Any Non-White vs. White		0.0317638	0.0192648	0.1745331	0.4357871	3,826	0.4615629
	Black vs. White	3 YR	0.0378198	0.0140274	0.0173879	0.2834195	12,547	0.0792115
	Hispanic vs. White		-0.0012193	0.0185819	0.9486115	0.3263738	13,364	0.9486115
	Any Non-White vs. White		0.0081775	0.0163478	0.6246898	0.4533539	16,437	0.8003838
Cumberland	Black vs. White	1 YR	-0.042388	0.0471521	0.4194963	0.1441923	669	0.8180178
	Hispanic vs. White		-0.0400085	0.0292302	0.2429123	0.1875792	712	0.4511229
	Any Non-White vs. White		-0.0700315	0.0423673	0.1736826	0.2829978	806	0.4615629
	Black vs. White	3 YR	-0.0273301	0.0176064	0.1429021	0.098298	2,615	0.3702068
	Hispanic vs. White		-0.038595	0.0221238	0.1029743	0.1440818	2,761	0.2831706
	Any Non-White vs. White		-0.0512947	0.0238805	0.0497037	0.2227545	3,044	0.169821
East Greenwich	Black vs. White	1 YR	-0.0768867	0.032975	0.0801053	0.0416667	135	0.2840098
	Hispanic vs. White		-0.0172414	0.0941567	0.8636158	0.0612245	137	0.8863425
	Any Non-White vs. White		-0.0538147	0.1009747	0.6222996	0.08	140	0.8089894
	Black vs. White	3 YR	-0.0379875	0.0363214	0.3133428	0.0946746	468	0.4758169
	Hispanic vs. White		-0.0061909	0.0494847	0.9022177	0.0838323	461	0.9247732
	Any Non-White vs. White		-0.0338273	0.0594255	0.5782126	0.1436567	496	0.8003838
East Providence	Black vs. White	1 YR	0.0049273	0.0474053	0.9222203	0.2799097	1,176	0.9464893
	Hispanic vs. White		0.0720045	0.0288598	0.0671258	0.1806507	1,034	0.2952367
	Any Non-White vs. White		0.0699418	0.0451896	0.1965974	0.362	1,333	0.4792061
	Black vs. White	3 YR	-0.0069995	0.0155669	0.6598527	0.2796294	6,488	0.7514989
	Hispanic vs. White		-0.0165953	0.0161773	0.3223679	0.1776129	5,700	0.5507118
	Any Non-White vs. White		-0.0046587	0.0165086	0.7819197	0.3604665	7,324	0.8900893

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.103411	0.0291437	0.0238346	0.1179487	170	0.1549251
	Hispanic vs. White		0.0884998	0.1102456	0.4671047	0.0994764	167	0.6506101
	Any Non-White vs. White		0.1181014	0.072262	0.1775242	0.2037037	188	0.4615629
	Black vs. White	3 YR	0.0196635	0.0276257	0.4882919	0.0742358	605	0.6066657
	Hispanic vs. White		0.038279	0.0397962	0.3524319	0.0728863	603	0.555758
	Any Non-White vs. White		0.0411441	0.0366349	0.2802924	0.1564987	662	0.5070386
Glocester	Black vs. White	1 YR	-0.0131175	0.0025025	0.0063323	0.0586011	488	0.0493916
	Hispanic vs. White		-0.0198756	0.0125799	0.1892705	0.0496183	482	0.4272763
	Any Non-White vs. White		-0.0273933	0.0258218	0.34856	0.101083	510	0.5910366
	Black vs. White	3 YR	-0.0070225	0.0061796	0.2748693	0.0419336	1,562	0.4758169
	Hispanic vs. White		-0.0193368	0.0040215	0.0002782	0.0408163	1,560	0.0057028
	Any Non-White vs. White		-0.0186946	0.0117694	0.1345145	0.0810056	1,623	0.3446933
Hopkinton	Black vs. White	1 YR	0.027648	0.014442	0.1280926	0.0388889	318	0.3568294
	Hispanic vs. White		0.0284343	0.026932	0.3506145	0.0441989	319	0.5469586
	Any Non-White vs. White		0.0336715	0.0035388	0.0006811	0.1082474	340	0.0132811
	Black vs. White	3 YR	0.0266349	0.0061412	0.0006828	0.0652591	932	0.0066339
	Hispanic vs. White		0.0195321	0.0180663	0.2979102	0.0488281	914	0.5416996
	Any Non-White vs. White		0.0205649	0.0179055	0.2699975	0.12958	1,001	0.5070386
Jamestown	Black vs. White	1 YR	-0.000718	0.0038884	0.8624865	0.0868421	353	0.9274659
	Hispanic vs. White		0.0600231	0.0260676	0.0827027	0.0721925	348	0.2952367
	Any Non-White vs. White		0.0430492	0.0085497	0.0073067	0.1598063	383	0.0569923
	Black vs. White	3 YR	-0.0121319	0.0028393	0.0007732	0.0691383	905	0.0066339
	Hispanic vs. White		0.0097389	0.0258984	0.7125215	0.0558943	893	0.7895508
	Any Non-White vs. White		0.0096638	0.0164308	0.565798	0.1235849	961	0.8003838
Johnston	Black vs. White	1 YR	0.017826	0.054171	0.7586126	0.1686747	613	0.9274659
	Hispanic vs. White		0.0676575	0.0581995	0.3096584	0.2080344	639	0.5215979
	Any Non-White vs. White		0.0696159	0.056023	0.2818732	0.3142857	740	0.5234789
	Black vs. White	3 YR	-0.0161312	0.0151845	0.3060606	0.1455939	2,604	0.4758169
	Hispanic vs. White		0.0367345	0.020535	0.0952869	0.1779491	2,703	0.2831706
	Any Non-White vs. White		0.0108693	0.0256651	0.6783625	0.2825387	3,104	0.8293107
Lincoln	Black vs. White	1 YR	-0.1058719	0.1799168	0.5975981	0.2857143	112	0.9274659
	Hispanic vs. White		-0.0418544	0.1821359	0.8330258	0.25	105	0.8863425
	Any Non-White vs. White		-0.0339793	0.1707518	0.8549877	0.3918919	131	0.9060912
	Black vs. White	3 YR	-0.015092	0.0507024	0.7706669	0.1869328	483	0.8101883
	Hispanic vs. White		-0.0336788	0.0449012	0.4665744	0.234188	518	0.6001556
	Any Non-White vs. White		-0.0177992	0.0507528	0.7314284	0.3323398	593	0.8568162
Little Compton	Black vs. White	1 YR	-0.080324	0.010766	0.0017246	0.05	203	0.0245164
	Hispanic vs. White		0.0582819	0.0075385	0.0015073	0.0833333	210	0.0587857
	Any Non-White vs. White		-0.0179355	0.0465648	0.7197146	0.1327801	222	0.8505719
	Black vs. White	3 YR	-0.0217657	0.0169122	0.2189721	0.0392157	657	0.4725188
	Hispanic vs. White		0.0426204	0.0280221	0.1505314	0.0528351	668	0.3160797
	Any Non-White vs. White		0.0135046	0.0268723	0.6230933	0.0948276	700	0.8003838
Middletown	Black vs. White	1 YR	-0.119649	0.0415036	0.0448839	0.2124542	470	0.194497
	Hispanic vs. White		-0.1216987	0.0432681	0.048186	0.1242363	423	0.2952367
	Any Non-White vs. White		-0.1610735	0.0564656	0.0462743	0.2868989	523	0.2284856
	Black vs. White	3 YR	-0.0654273	0.0222367	0.0107075	0.1428571	1,464	0.0575908
	Hispanic vs. White		-0.0336462	0.0189177	0.0970271	0.0977444	1,394	0.2831706
	Any Non-White vs. White		-0.0724343	0.0280336	0.0216471	0.2203573	1,611	0.1109412
Narragansett	Black vs. White	1 YR	0.0271216	0.0319102	0.4432406	0.0927514	1,131	0.8231611
	Hispanic vs. White		0.0254122	0.0300112	0.4448183	0.0665597	1,098	0.6425154
	Any Non-White vs. White		0.0358141	0.0420334	0.4422001	0.1528384	1,214	0.7185752
	Black vs. White	3 YR	0.016008	0.0134366	0.2533153	0.0821793	3,906	0.4758169
	Hispanic vs. White		0.0094954	0.0115216	0.4236796	0.0571362	3,806	0.6001556
	Any Non-White vs. White		0.0233547	0.0178012	0.2106365	0.135557	4,154	0.4905169
Newport	Black vs. White	1 YR	0.2340799	0.0301962	0.0014921	0.1826742	467	0.0245164
	Hispanic vs. White		0.0334198	0.0226848	0.2146874	0.0920502	419	0.4272763
	Any Non-White vs. White		0.2114719	0.0315777	0.0025865	0.2452174	505	0.0336244
	Black vs. White	3 YR	0.0384979	0.0170343	0.0402844	0.1677658	3,320	0.1501509
	Hispanic vs. White		0.0243808	0.0136361	0.0954394	0.1090088	3,101	0.2831706
	Any Non-White vs. White		0.0571709	0.0178769	0.0064456	0.2470167	3,662	0.0377529

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	-0.0568668	0.0190215	0.0403537	0.0808926	610	0.194497
	Hispanic vs. White		-0.0164494	0.0187534	0.4299335	0.0744382	601	0.6425154
	Any Non-White vs. White		-0.0152324	0.028233	0.6181564	0.1540436	662	0.8089894
	Black vs. White	3 YR	-0.0128763	0.0210342	0.5502465	0.0674487	2,063	0.6445745
	Hispanic vs. White		-0.0191727	0.0126353	0.1514212	0.0599662	2,049	0.3160797
	Any Non-White vs. White		-0.0216945	0.0225502	0.3523445	0.1280846	2,210	0.577845
North Providence	Black vs. White	1 YR	0.0201175	0.0445432	0.674933	0.3643192	955	0.9274659
	Hispanic vs. White		0.011696	0.0598256	0.8545293	0.3356231	902	0.8863425
	Any Non-White vs. White		0.02268	0.0424878	0.6217641	0.5007375	1,219	0.8089894
	Black vs. White	3 YR	0.0423407	0.0248496	0.1104874	0.3043947	3,353	0.3512074
	Hispanic vs. White		0.0368823	0.0206137	0.0952298	0.2744657	3,205	0.2831706
	Any Non-White vs. White		0.0381297	0.0171564	0.0432369	0.4354486	4,131	0.1611557
North Smithfield	Black vs. White	1 YR	-0.0495024	0.0449535	0.3326223	0.25	328	0.7518404
	Hispanic vs. White		-0.0377312	0.0710632	0.6235637	0.2846154	340	0.7599683
	Any Non-White vs. White		-0.0613357	0.0452214	0.2464971	0.4038461	414	0.5187501
	Black vs. White	3 YR	0.0223467	0.0311072	0.484343	0.2678661	1,801	0.6066657
	Hispanic vs. White		0.0344597	0.0427757	0.4339492	0.2660321	1,802	0.6001556
	Any Non-White vs. White		0.0427335	0.0383005	0.2833175	0.4022848	2,206	0.5070386
Pawtucket	Black vs. White	1 YR	-0.013461	0.0526945	0.8109705	0.4480874	943	0.9274659
	Hispanic vs. White		-0.0064511	0.0291862	0.8358916	0.3933934	859	0.8863425
	Any Non-White vs. White		-0.0067984	0.0360561	0.859625	0.5699077	1,214	0.9060912
	Black vs. White	3 YR	0.0001447	0.0328469	0.9965461	0.4190797	3,907	0.9965461
	Hispanic vs. White		0.0229631	0.0231494	0.3380554	0.3830751	3,702	0.5544109
	Any Non-White vs. White		0.0066148	0.0261022	0.8036293	0.5467601	5,025	0.8900893
Portsmouth	Black vs. White	1 YR	0.0181045	0.024962	0.5084367	0.1840607	1,405	0.8621318
	Hispanic vs. White		0.0445429	0.0232644	0.1280593	0.1382765	1,334	0.3567366
	Any Non-White vs. White		0.0271538	0.0206234	0.2583252	0.2809364	1,594	0.5187501
	Black vs. White	3 YR	0.0708254	0.0146067	0.0002578	0.1490659	4,446	0.0052853
	Hispanic vs. White		0.0413582	0.0099326	0.0009554	0.1013499	4,212	0.009793
	Any Non-White vs. White		0.0822146	0.0147364	0.000068	0.2302081	4,919	0.001393
Providence	Black vs. White	1 YR	0.0198519	0		0.7294239	859	
	Hispanic vs. White		0.0205637	0		0.7446602	904	
	Any Non-White vs. White		0.0115579	0		0.8281046	1,354	
	Black vs. White	3 YR	0.0327391	0.0279592	0.362247	0.6792724	3,775	0.5120946
	Hispanic vs. White		0.0401883	0.0247876	0.2464035	0.6951081	3,971	0.4810196
	Any Non-White vs. White		0.032166	0.0179713	0.2153669	0.7900016	5,771	0.4905169
Richmond	Black vs. White	1 YR	-0.0170184	0.0361738	0.6625317	0.0505495	409	0.9274659
	Hispanic vs. White		0.0234553	0.0101188	0.0813157	0.0292135	400	0.2952367
	Any Non-White vs. White		-0.027519	0.0429295	0.5563881	0.1037344	433	0.8089894
	Black vs. White	3 YR	-0.006082	0.0146365	0.6840475	0.0504988	1,410	0.7579986
	Hispanic vs. White		0.0115377	0.0052054	0.043725	0.0243434	1,374	0.2209457
	Any Non-White vs. White		0.0034591	0.0229275	0.8822283	0.0961424	1,481	0.9274707
RISP - Hope Valley	Black vs. White	1 YR	0.1668817	0.0229042	0.0018859	0.2192152	655	0.0245164
	Hispanic vs. White		0.0858368	0.0158802	0.0056723	0.1974965	638	0.1106092
	Any Non-White vs. White		0.167748	0.0121964	0.0001619	0.3435722	780	0.0063149
	Black vs. White	3 YR	0.087804	0.0211641	0.000984	0.2276897	2,110	0.0067242
	Hispanic vs. White		0.0774806	0.0180697	0.000751	0.2061723	2,066	0.009793
	Any Non-White vs. White		0.0992245	0.0187369	0.0001131	0.3602763	2,553	0.0015451
RISP - Lincoln	Black vs. White	1 YR	-0.0376393	0.0195764	0.1268782	0.3831217	1,172	0.3568294
	Hispanic vs. White		-0.0441281	0.0252921	0.1559723	0.3561964	1,118	0.3801824
	Any Non-White vs. White		-0.0373233	0.0217622	0.1614829	0.5132587	1,493	0.4615629
	Black vs. White	3 YR	0.0219757	0.030059	0.4767854	0.3446083	3,059	0.6066657
	Hispanic vs. White		0.0308268	0.0394813	0.447925	0.3423267	3,037	0.6001556
	Any Non-White vs. White		0.0287131	0.0328767	0.3972015	0.4903327	3,922	0.6031578
RISP - Portsmouth	Black vs. White	1 YR	0.4419385	0.1449138	0.0380407	0.1627907	31	0.194497
	Hispanic vs. White		0.3094738	0.1411744	0.0934687	0.1	29	0.3037734
	Any Non-White vs. White		0.4419385	0.1449138	0.0380407	0.1818182	31	0.2284856
	Black vs. White	3 YR	0.0774292	0.0855579	0.3819362	0.1025641	299	0.5219795
	Hispanic vs. White		0.0677935	0.0768493	0.3925841	0.0869565	293	0.5961462
	Any Non-White vs. White		0.1257005	0.0523051	0.0306794	0.1644562	321	0.1257854

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	0.0349402	0.0232656	0.2075582	0.1540698	304	0.5059231
	Hispanic vs. White		0.0135553	0.0904265	0.8880956	0.1637931	301	0.8880956
	Any Non-White vs. White		0.0789617	0.0611274	0.2660257	0.2632912	346	0.5187501
	Black vs. White	3 YR	0.0726279	0.0107748	0.00000946	0.1811594	1,221	0.000388
	Hispanic vs. White		0.109881	0.0501354	0.0458085	0.2008487	1,250	0.2209457
	Any Non-White vs. White		0.1226458	0.0328687	0.0022341	0.3109756	1,452	0.0152665
RISP - Wickford	Black vs. White	1 YR	0.0006325	0.0277002	0.9828766	0.1573374	1,194	0.9828766
	Hispanic vs. White		-0.0200312	0.041696	0.6560279	0.1850768	1,236	0.7753056
	Any Non-White vs. White		-0.0159174	0.0489318	0.76126	0.2794308	1,401	0.8584177
	Black vs. White	3 YR	0.0241013	0.0226738	0.3057929	0.1891538	3,375	0.4758169
	Hispanic vs. White		0.017276	0.0239765	0.483052	0.1902145	3,382	0.6001556
	Any Non-White vs. White		0.032195	0.0283486	0.2751573	0.3122222	3,979	0.5070386
Scituate	Black vs. White	1 YR	0.1016522	0.1352094	0.4939817	0.04	72	0.8621318
	Hispanic vs. White		0.1607376	0.0469768	0.0267399	0.0769231	75	0.2939915
	Any Non-White vs. White		0.2448648	0.0943765	0.0603936	0.1111111	78	0.250321
	Black vs. White	3 YR	0.0389774	0.0283271	0.1904424	0.0387324	760	0.4582972
	Hispanic vs. White		0.0330787	0.0219584	0.1541852	0.0487805	766	0.3160797
	Any Non-White vs. White		0.0439108	0.0270449	0.126749	0.0930233	806	0.3446933
Smithfield	Black vs. White	1 YR	0.0847562	0.0425172	0.1169873	0.1151079	370	0.3568294
	Hispanic vs. White		0.0315315	0.021657	0.219116	0.0977995	367	0.4272763
	Any Non-White vs. White		0.0526342	0.0300488	0.1547229	0.2012987	412	0.4615629
	Black vs. White	3 YR	0.0544256	0.0128077	0.000809	0.0779673	2,618	0.0066339
	Hispanic vs. White		0.0429206	0.0131697	0.0057092	0.077325	2,625	0.0390126
	Any Non-White vs. White		0.063634	0.0132948	0.0002899	0.1438268	2,820	0.0029713
South Kingstown	Black vs. White	1 YR	0.0074218	0.0331841	0.8339838	0.1318182	974	0.9274659
	Hispanic vs. White		0.041194	0.0129933	0.0338445	0.0609636	901	0.2939915
	Any Non-White vs. White		0.0262057	0.0428114	0.5735437	0.187234	1,042	0.8089894
	Black vs. White	3 YR	0.0268582	0.0200252	0.2012036	0.0975207	3,270	0.4582972
	Hispanic vs. White		0.0191061	0.0088408	0.0485003	0.0462882	3,101	0.2209457
	Any Non-White vs. White		0.0390354	0.0214296	0.0899528	0.146875	3,459	0.2634332
Tiverton	Black vs. White	1 YR	0.0246196	0.0148165	0.171922	0.092511	578	0.4469972
	Hispanic vs. White		0.0738864	0.0241529	0.0376912	0.0678733	564	0.2939915
	Any Non-White vs. White		0.065667	0.0258837	0.0641849	0.1428571	614	0.250321
	Black vs. White	3 YR	0.025456	0.010713	0.032309	0.0730519	1,621	0.1324671
	Hispanic vs. White		0.0643778	0.0124789	0.0001451	0.0572372	1,599	0.0057028
	Any Non-White vs. White		0.0652787	0.0099578	0.0000128	0.1215385	1,710	0.0005245
Warwick	Black vs. White	1 YR	-0.006373	0.0235072	0.7997236	0.1476603	2,575	0.9274659
	Hispanic vs. White		0.0127236	0.0205332	0.5690359	0.1242877	2,507	0.7397467
	Any Non-White vs. White		0.0092778	0.022138	0.6966767	0.2405806	2,882	0.8505719
	Black vs. White	3 YR	0.0458042	0.0156976	0.0112372	0.1470446	9,198	0.0575908
	Hispanic vs. White		0.043883	0.010928	0.0012763	0.1358049	9,085	0.0104655
	Any Non-White vs. White		0.0668003	0.015656	0.0007823	0.247087	10,404	0.0064152
West Greenwich	Black vs. White	1 YR	0	0		0	60	
	Hispanic vs. White		0	0		0	60	
	Any Non-White vs. White		0	0		0	60	
	Black vs. White	3 YR	-0.0259982	0.0168194	0.144471	0.0226586	574	0.3702068
	Hispanic vs. White		-0.0393501	0.0240322	0.1238221	0.0443131	591	0.3160797
	Any Non-White vs. White		-0.0655356	0.0331228	0.0678849	0.0730659	609	0.2140985
West Warwick	Black vs. White	1YR	0.005207	0.0284674	0.8637642	0.1454965	782	0.9274659
	Hispanic vs. White		-0.0043974	0.0154712	0.7903385	0.1200951	752	0.8863425
	Any Non-White vs. White		0.0087487	0.0280087	0.7703749	0.2307692	862	0.8584177
	Black vs. White	3 YR	-0.0163979	0.0146442	0.2816627	0.0918176	4,354	0.4758169
	Hispanic vs. White		-0.0127059	0.0082782	0.1471055	0.0789696	4,285	0.3160797
	Any Non-White vs. White		-0.0188352	0.0169222	0.2844363	0.1601848	4,694	0.5070386
Westerly	Black vs. White	1 YR	0.0132972	0.0253841	0.628073	0.0633075	1,390	0.9274659
	Hispanic vs. White		-0.012129	0.0161277	0.4938469	0.0410053	1,364	0.6641389
	Any Non-White vs. White		0.004298	0.0368528	0.9127771	0.118541	1,481	0.9367976
	Black vs. White	3 YR	0.018852	0.0110938	0.1113584	0.0671662	3,386	0.3512074
	Hispanic vs. White		0.0057174	0.0107776	0.6040849	0.0383448	3,293	0.7075489
	Any Non-White vs. White		0.010143	0.0182071	0.5862605	0.1234599	3,607	0.8003838

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.01239	0.0649191	0.8579368	0.223301	466	0.9274659
	Hispanic vs. White		0.1055019	0.0601812	0.1544616	0.2857143	505	0.3801824
	Any Non-White vs. White		0.0579994	0.0438864	0.2568277	0.4117647	617	0.5187501
	Black vs. White	3 YR	-0.0123206	0.0188907	0.5248356	0.1828778	2,271	0.63289
	Hispanic vs. White		0.016637	0.0227115	0.4759296	0.2572159	2,480	0.6001556
	Any Non-White vs. White		-0.0165417	0.0186533	0.3901675	0.3668639	2,905	0.6031578

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	-0.0811422	0.003915	0.000032	0.0731707	146	0.0006341
	Hispanic vs. White		0.0929971	0.0935158	0.3762889	0.05	142	0.5822178
	Any Non-White vs. White		-0.0043726	0.1201061	0.9727026	0.1264368	153	0.9727026
	Black vs. White	3 YR	-0.0072081	0.017428	0.6854378	0.06548	1,414	0.8029414
	Hispanic vs. White		0.0002164	0.0160539	0.9894347	0.0429688	1,381	0.9894347
	Any Non-White vs. White		-0.0130096	0.0263289	0.6288858	0.1239571	1,504	0.7729771
Bristol	Black vs. White	1 YR	0.0322519	0.0296006	0.3371456	0.0629921	655	0.6697971
	Hispanic vs. White		0.0406973	0.0328853	0.2835616	0.0245902	632	0.5104108
	Any Non-White vs. White		0.055373	0.0427053	0.2645005	0.0834403	672	0.5290009
	Black vs. White	3 YR	0.0003912	0.0118855	0.9742084	0.0393983	3,696	0.9742084
	Hispanic vs. White		0.0183722	0.0092088	0.0658761	0.0244908	3,643	0.2455383
	Any Non-White vs. White		0.0131599	0.0158756	0.4210503	0.064201	3,796	0.6826252
Burrillville	Black vs. White	1 YR	0.0143216	0.0162342	0.427501	0.022673	744	0.6697971
	Hispanic vs. White		0.031422	0.0085746	0.0214942	0.0409836	760	0.293999
	Any Non-White vs. White		0.0254496	0.0131575	0.1252058	0.0661345	778	0.4757819
	Black vs. White	3 YR	0.0167826	0.0091116	0.0867715	0.0268979	3,575	0.2541164
	Hispanic vs. White		0.0106958	0.0099021	0.2983305	0.0363455	3,610	0.5559795
	Any Non-White vs. White		0.0148933	0.0126672	0.2593085	0.0604369	3,700	0.4832567
Central Falls	Black vs. White	1 YR	0.0387474	0.0468342	0.4545493	0.4761492	1,062	0.6697971
	Hispanic vs. White		0.0407207	0.0288254	0.2306204	0.6528736	1,615	0.5017852
	Any Non-White vs. White		0.0322689	0.0274042	0.3042668	0.7192004	1,990	0.5505781
	Black vs. White	3 YR	0.0332655	0.030149	0.2884719	0.4394299	2,709	0.4928062
	Hispanic vs. White		-0.0127554	0.026505	0.6377771	0.6292639	4,107	0.8171519
	Any Non-White vs. White		0.0035783	0.0224108	0.8754233	0.6966581	5,014	0.9117597
Charlestown	Black vs. White	1 YR	0.0539046	0.0163466	0.030001	0.045098	450	0.1182923
	Hispanic vs. White		0.025173	0.0215034	0.3067217	0.0337302	446	0.5258086
	Any Non-White vs. White		0.0543572	0.0144449	0.0197224	0.0863039	471	0.1249084
	Black vs. White	3 YR	0.0050604	0.0134691	0.7127686	0.0340784	2,446	0.8117642
	Hispanic vs. White		-0.0004049	0.0100566	0.9684552	0.0247873	2,423	0.9894347
	Any Non-White vs. White		0.01721	0.0114573	0.1552889	0.080572	2,571	0.3745202
Coventry	Black vs. White	1 YR	0.0031921	0.0266602	0.9104683	0.0552147	434	0.9699483
	Hispanic vs. White		-0.0189249	0.0195635	0.3881452	0.0493827	434	0.5822178
	Any Non-White vs. White		-0.0129621	0.0108151	0.2968667	0.1029126	459	0.5505781
	Black vs. White	3 YR	0.0074055	0.0089874	0.4237632	0.0388869	2,497	0.5991136
	Hispanic vs. White		-0.0008541	0.0061516	0.8915511	0.0242666	2,461	0.9619368
	Any Non-White vs. White		0.0051901	0.0090671	0.5761231	0.0668514	2,572	0.7729771
Cranston	Black vs. White	1 YR	0.0391031	0.0163754	0.0753383	0.2535211	2,877	0.2602597
	Hispanic vs. White		0.0290242	0.0183025	0.1879671	0.3254806	3,201	0.4511211
	Any Non-White vs. White		0.0311691	0.0184655	0.16669	0.4357871	3,821	0.4858504
	Black vs. White	3 YR	0.0417435	0.0140059	0.0099295	0.2834195	12,525	0.0814219
	Hispanic vs. White		0.0048918	0.0185969	0.796349	0.3263738	13,337	0.9275391
	Any Non-White vs. White		0.0136349	0.0168853	0.4328843	0.4533539	16,421	0.6826252
Cumberland	Black vs. White	1 YR	-0.0465533	0.051691	0.4187188	0.1441923	667	0.6697971
	Hispanic vs. White		-0.0143821	0		0.1875792	710	
	Any Non-White vs. White		-0.0372582	0		0.2829978	804	
	Black vs. White	3 YR	-0.0256188	0.0170537	0.1552527	0.098298	2,606	0.3536312
	Hispanic vs. White		-0.0357353	0.023299	0.1473713	0.1440818	2,754	0.39048
	Any Non-White vs. White		-0.0432374	0.0217146	0.066347	0.2227545	3,035	0.2266856
East Greenwich	Black vs. White	1 YR	-0.1465111	0.0379217	0.018093	0.0416667	131	0.0982193
	Hispanic vs. White		-0.0744983	0.1202555	0.5691303	0.0612245	133	0.6829563
	Any Non-White vs. White		-0.1137184	0.1101497	0.3602157	0.08	136	0.5507863
	Black vs. White	3 YR	-0.0878733	0.0384316	0.0383191	0.0946746	459	0.2244402
	Hispanic vs. White		-0.0203742	0.0523727	0.7031113	0.0838323	453	0.8735625
	Any Non-White vs. White		-0.0612038	0.0628686	0.346817	0.1436567	487	0.6182389
East Providence	Black vs. White	1 YR	0.001533	0.0382469	0.9699483	0.2799097	1,174	0.9699483
	Hispanic vs. White		0.0912974	0.0339245	0.0545903	0.1806507	1,030	0.293999
	Any Non-White vs. White		0.0747114	0.0477655	0.192833	0.362	1,331	0.4858504
	Black vs. White	3 YR	0.0122102	0.0121402	0.3315977	0.2796294	6,470	0.5438203
	Hispanic vs. White		0.0102835	0.0159432	0.5293508	0.1776129	5,680	0.7483925
	Any Non-White vs. White		0.0229575	0.0132641	0.1054556	0.3604665	7,308	0.2882452

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.1254724	0.0722363	0.1573943	0.1179487	170	0.4679961
	Hispanic vs. White		0.1398866	0.106313	0.2585858	0.0994764	167	0.5047151
	Any Non-White vs. White		0.1728411	0.1020622	0.1656141	0.2037037	188	0.4858504
	Black vs. White	3 YR	0.0303999	0.0363347	0.4168348	0.0742358	603	0.5991136
	Hispanic vs. White		0.0645648	0.0437495	0.1621371	0.0728863	601	0.39048
	Any Non-White vs. White		0.0667299	0.0434458	0.1468422	0.1564987	660	0.3745202
Glocester	Black vs. White	1 YR	-0.0200817	0		0.0586011	487	
	Hispanic vs. White		-0.016601	0.0162376	0.3643986	0.0496183	481	0.5822178
	Any Non-White vs. White		-0.0284604	0.0302894	0.4006138	0.101083	509	0.5638269
	Black vs. White	3 YR	-0.0083526	0.0058288	0.1738142	0.0419336	1,558	0.3750727
	Hispanic vs. White		-0.0197583	0.0055471	0.0031259	0.0408163	1,555	0.0320401
	Any Non-White vs. White		-0.0179295	0.0141946	0.2271765	0.0810056	1,618	0.4657119
Hopkinton	Black vs. White	1 YR	0.0320261	0.0045077	0.0020733	0.0388889	318	0.0262612
	Hispanic vs. White		0.0427303	0.033108	0.2663774	0.0441989	319	0.5047151
	Any Non-White vs. White		0.0451637	0.0226562	0.1169903	0.1082474	340	0.4757819
	Black vs. White	3 YR	0.0239883	0.0109144	0.0452824	0.0652591	931	0.2320721
	Hispanic vs. White		0.0050276	0.0210193	0.8144246	0.0488281	913	0.9275391
	Any Non-White vs. White		0.0023138	0.0194016	0.9067657	0.12958	1,000	0.9117597
Jamestown	Black vs. White	1 YR	-0.0137255	0		0.0868421	352	
	Hispanic vs. White		0.0646302	0.0220709	0.0428867	0.0721925	346	0.293999
	Any Non-White vs. White		0.0361219	0		0.1598063	382	
	Black vs. White	3 YR	-0.0128011	0.0108723	0.2586645	0.0691383	903	0.4928062
	Hispanic vs. White		0.0135853	0.0245475	0.5886986	0.0558943	890	0.8045547
	Any Non-White vs. White		0.0113694	0.0163518	0.4982477	0.1235849	959	0.7295769
Johnston	Black vs. White	1 YR	0.045129	0.0646453	0.5235675	0.1686747	610	0.6697971
	Hispanic vs. White		0.0650017	0.0716649	0.4156947	0.2080344	638	0.5986004
	Any Non-White vs. White		0.0893594	0.0675805	0.2566198	0.3142857	739	0.5290009
	Black vs. White	3 YR	0.0015016	0.0170898	0.9312261	0.1455939	2,591	0.9545068
	Hispanic vs. White		0.0404029	0.0176862	0.0384684	0.1779491	2,693	0.1904892
	Any Non-White vs. White		0.0273754	0.0227015	0.2478486	0.2825387	3,095	0.4832567
Lincoln	Black vs. White	1 YR	-0.0715985	0.1359948	0.6349983	0.2857143	108	0.7312102
	Hispanic vs. White		-0.1241414	0.1516755	0.4730527	0.25	102	0.630737
	Any Non-White vs. White		-0.1296733	0.1433124	0.432255	0.3918919	126	0.5866318
	Black vs. White	3 YR	0.0047727	0.0480487	0.922391	0.1869328	474	0.9545068
	Hispanic vs. White		-0.0160278	0.0488801	0.7482079	0.234188	508	0.9022506
	Any Non-White vs. White		-0.0067194	0.0594659	0.9117597	0.3323398	582	0.9117597
Little Compton	Black vs. White	1 YR	-0.0739803	0.003607	0.0000334	0.05	202	0.0006341
	Hispanic vs. White		0.0599703	0.0235894	0.0638276	0.0833333	209	0.293999
	Any Non-White vs. White		-0.0107711	0.0592102	0.8644972	0.1327801	221	0.9125248
	Black vs. White	3 YR	-0.0182008	0.0197817	0.3731123	0.0392157	656	0.5883694
	Hispanic vs. White		0.0364057	0.0258567	0.1809541	0.0528351	667	0.39048
	Any Non-White vs. White		0.0132058	0.0277088	0.6410054	0.0948276	699	0.7729771
Middletown	Black vs. White	1 YR	-0.0905542	0.014263	0.0031531	0.2124542	467	0.0299543
	Hispanic vs. White		-0.108612	0.049645	0.0939255	0.1242363	422	0.3381316
	Any Non-White vs. White		-0.1278178	0.0249429	0.006865	0.2868989	521	0.1249084
	Black vs. White	3 YR	-0.0695173	0.0199259	0.0036148	0.1428571	1,455	0.0477454
	Hispanic vs. White		-0.0305569	0.0212829	0.173039	0.0977444	1,388	0.39048
	Any Non-White vs. White		-0.0781863	0.0263795	0.0102595	0.2203573	1,605	0.0701063
Narragansett	Black vs. White	1 YR	0.0277679	0.0344434	0.4653318	0.0927514	1,124	0.6697971
	Hispanic vs. White		0.0249205	0.0346133	0.5113695	0.0665597	1,091	0.6524709
	Any Non-White vs. White		0.0300061	0.0440939	0.5335368	0.1528384	1,207	0.633575
	Black vs. White	3 YR	0.0226596	0.0150084	0.153331	0.0821793	3,894	0.3536312
	Hispanic vs. White		0.0152846	0.0117506	0.2143501	0.0571362	3,792	0.4282203
	Any Non-White vs. White		0.035393	0.0183798	0.0747054	0.135557	4,141	0.2356094
Newport	Black vs. White	1 YR	0.2362054	0.0593099	0.0163661	0.1826742	461	0.0982193
	Hispanic vs. White		-0.0112638	0.0428086	0.8054561	0.0920502	413	0.8284692
	Any Non-White vs. White		0.204997	0.0524183	0.0173822	0.2452174	498	0.1249084
	Black vs. White	3 YR	0.0359149	0.0188591	0.077617	0.1677658	3,307	0.2541164
	Hispanic vs. White		0.031153	0.0162482	0.0758317	0.1090088	3,087	0.2590916
	Any Non-White vs. White		0.0641531	0.0208581	0.0082198	0.2470167	3,648	0.0674024

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	-0.0479148	0.0131257	0.0217627	0.0808926	607	0.1033727
	Hispanic vs. White		-0.0060242	0.0152153	0.7123684	0.0744382	597	0.8167613
	Any Non-White vs. White		0.0028874	0.0273211	0.9209198	0.1540436	659	0.9458095
	Black vs. White	3 YR	-0.0098257	0.0219006	0.6605495	0.0674487	2,052	0.7968164
	Hispanic vs. White		-0.009873	0.012799	0.4532984	0.0599662	2,037	0.6637585
	Any Non-White vs. White		-0.0115132	0.0240251	0.6391855	0.1280846	2,199	0.7729771
North Providence	Black vs. White	1 YR	0.0488847	0.0422297	0.3114457	0.3643192	952	0.6697971
	Hispanic vs. White		0.0183438	0.0581256	0.7680942	0.3356231	899	0.8167613
	Any Non-White vs. White		0.0447959	0.045105	0.3768537	0.5007375	1,215	0.5507863
	Black vs. White	3 YR	0.0510757	0.026983	0.0792324	0.3043947	3,343	0.2541164
	Hispanic vs. White		0.0423637	0.0189102	0.0418147	0.2744657	3,196	0.1904892
	Any Non-White vs. White		0.0478116	0.0177827	0.0176442	0.4354486	4,122	0.0904268
North Smithfield	Black vs. White	1 YR	-0.0651869	0.0663824	0.3817027	0.25	326	0.6697971
	Hispanic vs. White		0.022611	0.027961	0.464061	0.2846154	337	0.630737
	Any Non-White vs. White		-0.0432034	0.062826	0.5294622	0.4038461	411	0.633575
	Black vs. White	3 YR	0.0159795	0.0356423	0.6607746	0.2678661	1,793	0.7968164
	Hispanic vs. White		0.0369929	0.0428933	0.4029765	0.2660321	1,790	0.6354629
	Any Non-White vs. White		0.0328833	0.0433941	0.4611473	0.4022848	2,195	0.7002608
Pawtucket	Black vs. White	1 YR	0.0051642	0.0633746	0.9389693	0.4480874	935	0.9699483
	Hispanic vs. White		0.038674	0.0556867	0.5256016	0.3933934	853	0.6524709
	Any Non-White vs. White		0.0266511	0.046909	0.600311	0.5699077	1,205	0.6709358
	Black vs. White	3 YR	-0.0029689	0.0327343	0.9290177	0.4190797	3,880	0.9545068
	Hispanic vs. White		0.0282313	0.0190831	0.1611837	0.3830751	3,682	0.39048
	Any Non-White vs. White		0.0083897	0.0219324	0.7078171	0.5467601	4,994	0.8291572
Portsmouth	Black vs. White	1 YR	0.0347494	0.0295905	0.3054005	0.1840607	1,403	0.6697971
	Hispanic vs. White		0.0526461	0.0269864	0.122839	0.1382765	1,332	0.3746676
	Any Non-White vs. White		0.0411529	0.0256293	0.1836131	0.2809364	1,592	0.4858504
	Black vs. White	3 YR	0.0780926	0.0140602	0.000071	0.1490659	4,441	0.0029119
	Hispanic vs. White		0.0436123	0.0108315	0.0012496	0.1013499	4,207	0.0170783
	Any Non-White vs. White		0.0892967	0.0143219	0.0000218	0.2302081	4,914	0.0008944
Providence	Black vs. White	1 YR	0.0417389	0.034209	0.2894349	0.7294239	859	0.6697971
	Hispanic vs. White		0.0453017	0.0148679	0.0381419	0.7446602	904	0.293999
	Any Non-White vs. White		0.0262362	0.0116106	0.086712	0.8281046	1,354	0.4106291
	Black vs. White	3 YR	0.0435803	0.0235217	0.0851107	0.6792724	3,775	0.2541164
	Hispanic vs. White		0.0472297	0.022925	0.0584751	0.6951081	3,971	0.2393428
	Any Non-White vs. White		0.0372968	0.0152187	0.0280049	0.7900016	5,771	0.1146505
Richmond	Black vs. White	1 YR	-0.0198925	0.0384055	0.6318164	0.0505495	409	0.7312102
	Hispanic vs. White		0.022944	0		0.0292135	400	
	Any Non-White vs. White		-0.0320818	0.0431983	0.4989303	0.1037344	433	0.633575
	Black vs. White	3 YR	-0.0108839	0.0155103	0.494355	0.0504988	1,409	0.6756185
	Hispanic vs. White		0.0057032	0.0057604	0.3389383	0.0243434	1,373	0.5790195
	Any Non-White vs. White		-0.0062129	0.0230247	0.7912243	0.0961424	1,481	0.8767621
RISP - Hope Valley	Black vs. White	1 YR	0.1964629	0.0400596	0.0080194	0.2192152	641	0.0609475
	Hispanic vs. White		0.0970408	0.0354477	0.0520354	0.1974965	625	0.293999
	Any Non-White vs. White		0.1816351	0.0411857	0.0115993	0.3435722	766	0.1249084
	Black vs. White	3 YR	0.0810301	0.0342902	0.0331271	0.2276897	2,070	0.2244402
	Hispanic vs. White		0.0778834	0.0274687	0.0132266	0.2061723	2,022	0.07747
	Any Non-White vs. White		0.0874464	0.0319714	0.0161079	0.3602763	2,507	0.0904268
RISP - Lincoln	Black vs. White	1 YR	-0.0232905	0.0350701	0.5429432	0.3831217	1,158	0.6697971
	Hispanic vs. White		-0.0286845	0.0130022	0.0920215	0.3561964	1,098	0.3381316
	Any Non-White vs. White		-0.0202409	0.0193208	0.3539406	0.5132587	1,477	0.5507863
	Black vs. White	3 YR	0.035582	0.0317151	0.2807689	0.3446083	3,000	0.4928062
	Hispanic vs. White		0.034848	0.0333945	0.3143908	0.3423267	2,973	0.5604358
	Any Non-White vs. White		0.0462893	0.0318283	0.1679015	0.4903327	3,867	0.3824423
RISP - Portsmouth	Black vs. White	1 YR	-0.1375	0.1302472	0.3686115	0.1627907	18	0.6697971
	Hispanic vs. White		0	0		0.1	12	
	Any Non-White vs. White		-0.1375	0.1302472	0.3686115	0.1818182	18	0.5507863
	Black vs. White	3 YR	0.0634252	0.0982128	0.5316535	0.1025641	264	0.7031546
	Hispanic vs. White		0.0018119	0.0843417	0.9832831	0.0869565	256	0.9894347
	Any Non-White vs. White		0.0677519	0.0809675	0.4205239	0.1644562	285	0.6826252

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	0.034984	0.0531578	0.5464134	0.1540698	290	0.6697971
	Hispanic vs. White		0.0372143	0.103795	0.7380642	0.1637931	286	0.8167613
	Any Non-White vs. White		0.0841366	0.0780115	0.3415009	0.2632912	332	0.5507863
	Black vs. White	3 YR	0.0567979	0.0283089	0.0645352	0.1811594	1,171	0.2541164
	Hispanic vs. White		0.1118662	0.0603959	0.0851953	0.2008487	1,202	0.268693
	Any Non-White vs. White		0.106365	0.0521225	0.0606083	0.3109756	1,402	0.2259038
RISP - Wickford	Black vs. White	1 YR	0.0295238	0.0273284	0.3407807	0.1573374	1,177	0.6697971
	Hispanic vs. White		-0.0127567	0.041028	0.7713856	0.1850768	1,221	0.8167613
	Any Non-White vs. White		0.0071664	0.0377638	0.8587306	0.2794308	1,384	0.9125248
	Black vs. White	3 YR	0.0226065	0.0195759	0.2674976	0.1891538	3,319	0.4928062
	Hispanic vs. White		0.0184281	0.0236011	0.4479129	0.1902145	3,332	0.6637585
	Any Non-White vs. White		0.0321823	0.0246549	0.212832	0.3122222	3,927	0.459269
Scituate	Black vs. White	1 YR	-0.0689282	0.0211544	0.0311296	0.04	71	0.1182923
	Hispanic vs. White		0.1822392	0.0941111	0.1248892	0.0769231	73	0.3746676
	Any Non-White vs. White		0.1517143	0.0358303	0.0133248	0.1111111	77	0.1249084
	Black vs. White	3 YR	0.0375521	0.0314683	0.25257	0.0387324	759	0.4928062
	Hispanic vs. White		0.0227369	0.0251351	0.3809863	0.0487805	764	0.6248176
	Any Non-White vs. White		0.0238176	0.0362362	0.5216573	0.0930233	805	0.7375154
Smithfield	Black vs. White	1 YR	0.0777847	0.0451612	0.1601039	0.1151079	363	0.4679961
	Hispanic vs. White		0.0219402	0		0.0977995	361	
	Any Non-White vs. White		0.0514916	0.0102161	0.0072808	0.2012987	404	0.1249084
	Black vs. White	3 YR	0.0516341	0.0121682	0.0008186	0.0779673	2,598	0.016782
	Hispanic vs. White		0.036329	0.0126905	0.0125321	0.077325	2,606	0.07747
	Any Non-White vs. White		0.0606592	0.0127931	0.0003154	0.1438268	2,799	0.0040719
South Kingstown	Black vs. White	1 YR	0.0252354	0.02811	0.4200764	0.1318182	969	0.6697971
	Hispanic vs. White		0.0501663	0.0109037	0.0100245	0.0609636	895	0.293999
	Any Non-White vs. White		0.0505389	0.0345499	0.2173541	0.187234	1,036	0.4858504
	Black vs. White	3 YR	0.0356032	0.0200428	0.0974012	0.0975207	3,256	0.26623
	Hispanic vs. White		0.0277341	0.0089602	0.0079066	0.0462882	3,086	0.0648345
	Any Non-White vs. White		0.0524134	0.0205623	0.0231621	0.146875	3,444	0.105516
Tiverton	Black vs. White	1 YR	0.0174734	0.0238714	0.5047572	0.092511	574	0.6697971
	Hispanic vs. White		0.0535662	0.0212536	0.0653331	0.0678733	560	0.293999
	Any Non-White vs. White		0.0468085	0.0293793	0.1863257	0.1428571	610	0.4858504
	Black vs. White	3 YR	0.0305244	0.0151814	0.0640325	0.0730519	1,616	0.2541164
	Hispanic vs. White		0.0622025	0.0149077	0.0009394	0.0572372	1,594	0.0170783
	Any Non-White vs. White		0.0677024	0.014655	0.0003973	0.1215385	1,705	0.0040719
Warwick	Black vs. White	1 YR	0.0120599	0.0167228	0.5107082	0.1476603	2,561	0.6697971
	Hispanic vs. White		0.0349303	0.0193492	0.1453476	0.1242877	2,494	0.3746994
	Any Non-White vs. White		0.0373862	0.010728	0.0252391	0.2405806	2,868	0.1370124
	Black vs. White	3 YR	0.0438741	0.0130527	0.0046581	0.1470446	9,175	0.0477454
	Hispanic vs. White		0.0455534	0.0099305	0.0004226	0.1358049	9,061	0.0170783
	Any Non-White vs. White		0.0662845	0.0126865	0.0001286	0.247087	10,380	0.0026367
West Greenwich	Black vs. White	1 YR	0	0		0	59	
	Hispanic vs. White		0	0		0	59	
	Any Non-White vs. White		0	0		0	59	
	Black vs. White	3 YR	-0.0327414	0.0215745	0.1513704	0.0226586	572	0.3536312
	Hispanic vs. White		-0.0346287	0.0269291	0.2193323	0.0443131	588	0.4282203
	Any Non-White vs. White		-0.0654001	0.0360309	0.0909838	0.0730659	606	0.2664525
West Warwick	Black vs. White	1YR	0.0245792	0.0337448	0.506731	0.1454965	777	0.6697971
	Hispanic vs. White		0.0030884	0.0241061	0.9042392	0.1200951	746	0.9042392
	Any Non-White vs. White		0.0212154	0.0336851	0.5629987	0.2307692	857	0.6483015
	Black vs. White	3 YR	-0.0028719	0.0169176	0.867627	0.0918176	4,338	0.9545068
	Hispanic vs. White		-0.0053499	0.0108865	0.6307434	0.0789696	4,267	0.8171519
	Any Non-White vs. White		-0.0086993	0.0181828	0.6397249	0.1601848	4,678	0.7729771
Westerly	Black vs. White	1 YR	0.0014039	0.0201993	0.9479267	0.0633075	1,383	0.9699483
	Hispanic vs. White		-0.0217312	0.0156368	0.2369541	0.0410053	1,357	0.5017852
	Any Non-White vs. White		-0.0175249	0.0238756	0.5036476	0.118541	1,474	0.633575
	Black vs. White	3 YR	0.01096	0.0125236	0.3962586	0.0671662	3,371	0.5991136
	Hispanic vs. White		-0.0018313	0.0096859	0.8527541	0.0383448	3,277	0.9449437
	Any Non-White vs. White		-0.0047074	0.0151385	0.7604181	0.1234599	3,594	0.8660316

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0280083	0.0641206	0.6847971	0.223301	462	0.7653615
	Hispanic vs. White		0.1392421	0.0772249	0.1457164	0.2857143	503	0.3746994
	Any Non-White vs. White		0.0826536	0.0557908	0.2125997	0.4117647	610	0.4858504
	Black vs. White	3 YR	-0.0118387	0.0206959	0.5763705	0.1828778	2,256	0.7384747
	Hispanic vs. White		0.039688	0.0261432	0.1512444	0.2572159	2,464	0.39048
	Any Non-White vs. White		0.0035599	0.0220831	0.8742352	0.3668639	2,888	0.9117597

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	0		0.0512821	38	
	Hispanic vs. White		0	0		0.097561	40	
	Any Non-White vs. White		0	0		0.1190476	41	
	Black vs. White	3 YR	-0.0770429	0.0373345	0.0581096	0.0320513	311	0.8982255
	Hispanic vs. White		0.0464954	0.0185956	0.0254495	0.0473186	316	0.3393273
	Any Non-White vs. White		0.0188692	0.0497919	0.7104027	0.1143695	340	0.8610942
Bristol	Black vs. White	1 YR	0.1170458	0.0823114	0.2280934	0.0757576	132	0.8889661
	Hispanic vs. White		-0.0079412	0.0329901	0.8216105	0.024	125	0.898674
	Any Non-White vs. White		0.1330262	0.0976027	0.2445843	0.1029412	136	0.5782176
	Black vs. White	3 YR	0.0787298	0.0204034	0.0017376	0.0404135	1,064	0.0695054
	Hispanic vs. White		0.032353	0.0105644	0.0084384	0.0220307	1,044	0.1796418
	Any Non-White vs. White		0.095999	0.0298419	0.0062081	0.0641613	1,091	0.2483224
Burrillville	Black vs. White	1 YR	-0.0347103	0.0153367	0.0863725	0.0149254	134	0.8889661
	Hispanic vs. White		-0.1053285	0.0703647	0.2087645	0.0364963	137	0.6184704
	Any Non-White vs. White		-0.1441688	0.0566848	0.0637542	0.0571429	140	0.5721288
	Black vs. White	3 YR	-0.0185502	0.0177822	0.3145409	0.0220083	727	0.8982255
	Hispanic vs. White		-0.013996	0.0343188	0.6895714	0.0313351	734	0.8485975
	Any Non-White vs. White		-0.0368751	0.0432695	0.408435	0.0557769	753	0.8610942
Central Falls	Black vs. White	1 YR	0.1829254	0.1577343	0.3106763	0.4666667	180	0.8889661
	Hispanic vs. White		0.1829812	0.1766622	0.3588178	0.6220472	254	0.7624879
	Any Non-White vs. White		0.1433976	0.0969515	0.21321	0.7037037	324	0.5782176
	Black vs. White	3 YR	0.1020739	0.1058149	0.3523248	0.3903281	579	0.8982255
	Hispanic vs. White		-0.0262994	0.0934222	0.7824367	0.597032	876	0.8800241
	Any Non-White vs. White		0.0020219	0.0688893	0.9769993	0.667295	1,061	0.9769993
Charlestown	Black vs. White	1 YR	-0.0200365	0.0362971	0.6103282	0.0555556	144	0.8889661
	Hispanic vs. White		-0.0220695	0.0491912	0.6769177	0.0422535	142	0.898674
	Any Non-White vs. White		0.0273773	0.0515823	0.6236925	0.1052632	152	0.8262151
	Black vs. White	3 YR	-0.0021883	0.0342824	0.9500076	0.0380435	552	0.9990433
	Hispanic vs. White		0.000633	0.0324643	0.9847188	0.0327869	549	0.9847188
	Any Non-White vs. White		0.0261259	0.0413297	0.537487	0.078125	576	0.8610942
Coventry	Black vs. White	1 YR	-0.0092739	0.0740523	0.9063794	0.0724638	138	0.952126
	Hispanic vs. White		0.0531872	0.0638421	0.4516393	0.0518519	135	0.7746403
	Any Non-White vs. White		0.0459459	0.0899815	0.6365097	0.1172414	145	0.8262151
	Black vs. White	3 YR	-0.0246407	0.0340731	0.4814833	0.0454545	616	0.8982255
	Hispanic vs. White		0.003805	0.0296028	0.8995549	0.0232558	602	0.9226204
	Any Non-White vs. White		-0.0352336	0.0497224	0.4902012	0.0710901	633	0.8610942
Cranston	Black vs. White	1 YR	-0.0208902	0.0630666	0.7570891	0.2617866	806	0.8889661
	Hispanic vs. White		0.02444	0.079449	0.773724	0.3490153	914	0.898674
	Any Non-White vs. White		0.025949	0.0869839	0.7803143	0.4571168	1,096	0.8262151
	Black vs. White	3 YR	0.0410746	0.0298947	0.1910481	0.2751889	3,176	0.8982255
	Hispanic vs. White		0.044668	0.0302456	0.1618563	0.3233392	3,402	0.543476
	Any Non-White vs. White		0.066205	0.0340413	0.0721619	0.4505967	4,190	0.8610942
Cumberland	Black vs. White	1 YR	-0.1208504	0.1587097	0.4888051	0.1230769	195	0.8889661
	Hispanic vs. White		-0.2956403	0.0457231	0.002947	0.1933962	212	0.1001971
	Any Non-White vs. White		-0.2675731	0.0864996	0.0364558	0.2875	240	0.5721288
	Black vs. White	3 YR	-0.0979281	0.0632749	0.1440068	0.1096563	611	0.8982255
	Hispanic vs. White		-0.0667298	0.0843873	0.442276	0.1459969	637	0.7691756
	Any Non-White vs. White		-0.0804325	0.0907616	0.3904811	0.2359551	712	0.8610942
East Greenwich	Black vs. White	1 YR	0	0		0	23	
	Hispanic vs. White		1.72E-17	0		0.0769231	25	
	Any Non-White vs. White		1.72E-17	0		0.0769231	25	
	Black vs. White	3 YR	-0.0255486	0.0837795	0.7660966	0.0666667	87	0.944593
	Hispanic vs. White		-0.0129191	0.0229724	0.5851377	0.0454545	83	0.8070865
	Any Non-White vs. White		0.0420245	0.089474	0.6470007	0.1157895	92	0.8610942
East Providence	Black vs. White	1 YR	-0.017364	0.1712652	0.9241223	0.256	250	0.952126
	Hispanic vs. White		-0.1252225	0.154128	0.4621146	0.1769911	226	0.7746403
	Any Non-White vs. White		-0.0708279	0.1470596	0.6552352	0.3541667	288	0.8262151
	Black vs. White	3 YR	-0.0054066	0.0716037	0.9408792	0.2728522	1,455	0.9990433
	Hispanic vs. White		-0.0288067	0.0399121	0.4823272	0.1804802	1,291	0.7764489
	Any Non-White vs. White		-0.019726	0.0579887	0.7387784	0.3552712	1,641	0.8691511

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.069859	0.0768001	0.4300863	0.025641	39	0.8889661
	Hispanic vs. White		-0.051039	0.1642992	0.7764015	0.05	40	0.898674
	Any Non-White vs. White		0.1195929	0.1533929	0.4924511	0.0952381	42	0.8179767
	Black vs. White	3 YR	-0.1205601	0.1305113	0.3724439	0.0526316	112	0.8982255
	Hispanic vs. White		-0.0966089	0.1073753	0.3846271	0.0442478	111	0.7461002
	Any Non-White vs. White		-0.1575635	0.1455856	0.2987979	0.1	118	0.8610942
Glocester	Black vs. White	1 YR	0.0017723	0.0357968	0.9636252	0.045045	111	0.9636252
	Hispanic vs. White		0.1284536	0.0390002	0.0459514	0.0782609	115	0.3124692
	Any Non-White vs. White		0.1875548	0.0745442	0.0864784	0.1166667	120	0.5721288
	Black vs. White	3 YR	0.0107668	0.0320898	0.7435437	0.0472637	401	0.944593
	Hispanic vs. White		0.0948952	0.029973	0.0089821	0.0519802	403	0.1796418
	Any Non-White vs. White		0.0901663	0.0548549	0.1284814	0.0988235	424	0.8610942
Hopkinton	Black vs. White	1 YR	-0.0012103	0.0091776	0.9034281	0.0149254	66	0.952126
	Hispanic vs. White		-0.0461815	0.0297407	0.2182837	0.0294118	67	0.6184704
	Any Non-White vs. White		-0.0411638	0.0352972	0.3278125	0.0833333	71	0.6941911
	Black vs. White	3 YR	0.0469733	0.0795749	0.5659381	0.0700389	256	0.8982255
	Hispanic vs. White		-0.0571115	0.041096	0.1898606	0.0284553	245	0.543476
	Any Non-White vs. White		0.051861	0.0989801	0.6098517	0.1245421	272	0.8610942
Jamestown	Black vs. White	1 YR	-0.1475848	0.0726733	0.1121109	0.0810811	74	0.8889661
	Hispanic vs. White		0.0246314	0.1080838	0.8309057	0.0422535	71	0.898674
	Any Non-White vs. White		-0.0840126	0.0821416	0.3642329	0.1168831	77	0.7284657
	Black vs. White	3 YR	-0.0046478	0.086807	0.958057	0.0574163	209	0.9990433
	Hispanic vs. White		0.0152924	0.0388921	0.700093	0.0247525	202	0.8485975
	Any Non-White vs. White		0.0181174	0.0802785	0.8247103	0.087963	216	0.942526
Johnston	Black vs. White	1 YR	0.0277828	0.1210932	0.8297868	0.1390374	187	0.940425
	Hispanic vs. White		0.0411328	0.1347478	0.7753949	0.199005	201	0.898674
	Any Non-White vs. White		0.0389461	0.1278687	0.7758759	0.2844445	225	0.8262151
	Black vs. White	3 YR	0.0219342	0.0427845	0.6161765	0.1347607	794	0.8982255
	Hispanic vs. White		-0.0967717	0.0669467	0.1703286	0.176259	834	0.543476
	Any Non-White vs. White		-0.0589933	0.0685847	0.4041945	0.2737844	946	0.8610942
Lincoln	Black vs. White	1 YR	0.2221261	0.6190187	0.7434857	0.4347826	21	0.8889661
	Hispanic vs. White		0.2395173	0.4225966	0.6105011	0.4583333	23	0.8648766
	Any Non-White vs. White		0.1774301	0.4890754	0.7408178	0.5806451	30	0.8262151
	Black vs. White	3 YR	0.1850987	0.1787479	0.3208394	0.1811024	125	0.8982255
	Hispanic vs. White		0.2981875	0.1356245	0.0482556	0.2408759	136	0.4780972
	Any Non-White vs. White		0.2745133	0.1601884	0.1122751	0.3290323	154	0.8610942
Little Compton	Black vs. White	1 YR	0	0		0	32	
	Hispanic vs. White		0	0		0	32	
	Any Non-White vs. White		0.0988085	0.0666921	0.2125814	0.030303	33	0.5782176
	Black vs. White	3 YR	0.0451284	0.0386518	0.2639518	0.0178571	111	0.8982255
	Hispanic vs. White		-0.0639839	0.1092993	0.5683013	0.0265487	112	0.8070865
	Any Non-White vs. White		0.0086309	0.1280998	0.9473076	0.0517241	115	0.9769993
Middletown	Black vs. White	1 YR	-0.046713	0.0846516	0.6104452	0.247191	178	0.8889661
	Hispanic vs. White		-0.0304705	0.1777907	0.8722424	0.1354839	155	0.898674
	Any Non-White vs. White		-0.0623842	0.1349172	0.6678353	0.33	200	0.8262151
	Black vs. White	3 YR	-0.0085489	0.0586458	0.8861799	0.184	375	0.9990433
	Hispanic vs. White		-0.0206258	0.0860415	0.8140222	0.1078717	343	0.8800241
	Any Non-White vs. White		-0.0505839	0.0826336	0.5502535	0.2644231	416	0.8610942
Narragansett	Black vs. White	1 YR	0.0791921	0.0834157	0.3961931	0.1222222	270	0.8889661
	Hispanic vs. White		-0.0610348	0.0552149	0.3309965	0.091954	261	0.7502587
	Any Non-White vs. White		0.0219378	0.100031	0.8371453	0.1993243	296	0.8610638
	Black vs. White	3 YR	0.0254821	0.0300612	0.4108776	0.0846501	886	0.8982255
	Hispanic vs. White		-0.0296473	0.0198037	0.1565819	0.0678161	870	0.543476
	Any Non-White vs. White		-0.0198117	0.0363607	0.5944191	0.1454162	949	0.8610942
Newport	Black vs. White	1 YR	0.1199139	0.1070677	0.3254246	0.1751825	137	0.8889661
	Hispanic vs. White		0.164536	0.1445078	0.3184352	0.1031746	126	0.7502587
	Any Non-White vs. White		0.2193189	0.1497799	0.2169702	0.2364865	148	0.5782176
	Black vs. White	3 YR	-0.0687285	0.0496862	0.1882502	0.1629013	841	0.8982255
	Hispanic vs. White		0.0274479	0.0581774	0.6443408	0.1155779	796	0.8314075
	Any Non-White vs. White		-0.0432206	0.0637833	0.5090591	0.2462527	934	0.8610942

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	0.0791769	0.0705581	0.3246028	0.0761905	105	0.8889661
	Hispanic vs. White		0.3184762	0.1285329	0.0683736	0.1100917	109	0.3702986
	Any Non-White vs. White		0.3494034	0.1379816	0.0645103	0.1709402	117	0.5721288
	Black vs. White	3 YR	0.0396907	0.0583298	0.5073162	0.0623306	369	0.8982255
	Hispanic vs. White		0.0609852	0.0496954	0.2399916	0.0673854	371	0.6375545
	Any Non-White vs. White		0.1041064	0.0792912	0.2103103	0.1306533	398	0.8610942
North Providence	Black vs. White	1 YR	0.0379296	0.0980921	0.7186876	0.3516484	273	0.8889661
	Hispanic vs. White		0.0431105	0.1086733	0.711844	0.297619	252	0.898674
	Any Non-White vs. White		0.0327254	0.0711529	0.6694548	0.4700599	334	0.8262151
	Black vs. White	3 YR	0.0339194	0.0570944	0.5619272	0.2844734	921	0.8982255
	Hispanic vs. White		-0.0944426	0.0645293	0.1654025	0.2628635	894	0.543476
	Any Non-White vs. White		-0.0745824	0.0540709	0.1894247	0.4198944	1,136	0.8610942
North Smithfield	Black vs. White	1 YR	-0.0461318	0.1399604	0.7582358	0.2318841	69	0.8889661
	Hispanic vs. White		0.2874524	0.1274544	0.0871291	0.3291139	79	0.3702986
	Any Non-White vs. White		0.2159763	0.1562219	0.2389948	0.4361702	94	0.5782176
	Black vs. White	3 YR	-0.05055	0.0909695	0.5871999	0.2727273	429	0.8982255
	Hispanic vs. White		0.0612255	0.0444719	0.1902166	0.2860412	437	0.543476
	Any Non-White vs. White		0.0522475	0.0562596	0.3687879	0.4243543	542	0.8610942
Pawtucket	Black vs. White	1 YR	0.1099922	0.1231509	0.4222558	0.4160839	286	0.8889661
	Hispanic vs. White		0.0844878	0.1334277	0.5609919	0.4035714	280	0.8292924
	Any Non-White vs. White		0.040936	0.1032233	0.7119264	0.5605263	380	0.8262151
	Any Non-White vs. White	3 YR	0.0564062	0.0538984	0.3130503	0.4180743	1,184	0.8982255
	Hispanic vs. White		0.049215	0.052557	0.3649335	0.3880995	1,126	0.7461002
	Any Non-White vs. White		0.0335988	0.0488589	0.5028948	0.5499673	1,531	0.8610942
Portsmouth	Black vs. White	1 YR	0.1213912	0.0320142	0.0192391	0.1768489	311	0.6541306
	Hispanic vs. White		0.0662451	0.1002978	0.5450408	0.1495017	301	0.8292924
	Any Non-White vs. White		0.1054619	0.0712745	0.2130607	0.2849162	358	0.5782176
	Black vs. White	3 YR	0.0260876	0.044308	0.5653895	0.1315315	1,110	0.8982255
	Hispanic vs. White		0.0405265	0.0353599	0.2709607	0.0965323	1,067	0.6375545
	Any Non-White vs. White		0.0286264	0.0359117	0.4386849	0.2130612	1,225	0.8610942
Providence	Black vs. White	1 YR	-0.2206073	0		0.7196262	214	
	Hispanic vs. White		-0.1887545	0		0.7272727	220	
	Any Non-White vs. White		-0.1774601	0		0.8214286	336	
	Black vs. White	3 YR	-0.0711791	0.0825865	0.4795918	0.6703297	819	0.8982255
	Hispanic vs. White		-0.0216948	0.094273	0.8393879	0.6834701	853	0.8835065
	Any Non-White vs. White		-0.0350348	0.0720668	0.6749157	0.7822581	1,240	0.8610942
Richmond	Black vs. White	1 YR	0.0304645	0.0792081	0.7200978	0.0288462	104	0.8889661
	Hispanic vs. White		0	0		0	101	
	Any Non-White vs. White		0.204639	0.1357188	0.2060881	0.0818182	110	0.5782176
	Black vs. White	3 YR	-0.0520143	0.0693877	0.4658948	0.0519878	327	0.8982255
	Hispanic vs. White		-0.0420691	0.0225888	0.083667	0.0127389	314	0.4780972
	Any Non-White vs. White		0.0049181	0.0825204	0.9533178	0.0962099	343	0.9769993
RISP - Hope Valley	Black vs. White	1 YR	0.2117461	0.1449367	0.2178232	0.1616162	99	0.8889661
	Hispanic vs. White		0.0381318	0.032723	0.3086535	0.1941748	103	0.7502587
	Any Non-White vs. White		-0.0740252	0.0244315	0.0387839	0.302521	119	0.5721288
	Black vs. White	3 YR	0.0298596	0.0806696	0.7168128	0.2009804	408	0.944593
	Hispanic vs. White		0.1231337	0.0614642	0.0648916	0.1970443	406	0.4780972
	Any Non-White vs. White		0.0521417	0.0728315	0.4858103	0.3387424	493	0.8610942
RISP - Lincoln	Black vs. White	1 YR	-0.3513947	0.2153226	0.178027	0.3697917	192	0.8889661
	Hispanic vs. White		-0.3751568	0.1618208	0.0812839	0.3857868	197	0.3702986
	Any Non-White vs. White		-0.3764296	0.1770503	0.1006466	0.5179283	251	0.5721288
	Black vs. White	3 YR	0.038474	0.1346645	0.7792892	0.3339416	548	0.944593
	Hispanic vs. White		0.0297264	0.120355	0.8085017	0.3618881	572	0.8800241
	Any Non-White vs. White		0.0511063	0.1243634	0.6873349	0.4965517	725	0.8610942
RISP - Scituate	Black vs. White	1 YR	0.1929415	0.202754	0.3951845	0.1764706	68	0.8889661
	Hispanic vs. White		0.0802454	0.0459634	0.1557688	0.2112676	71	0.5511246
	Any Non-White vs. White		0.1797227	0.0882033	0.1112473	0.3253012	83	0.5721288
	Black vs. White	3 YR	0.0783331	0.078899	0.3376445	0.1610487	267	0.8982255
	Hispanic vs. White		-0.0294668	0.0418695	0.4931106	0.1794872	273	0.7764489
	Any Non-White vs. White		0.0454997	0.0887642	0.6162295	0.2933754	317	0.8610942

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Wickford	Black vs. White	1 YR	-0.0559075	0.1446702	0.7188419	0.1851852	189	0.8889661
	Hispanic vs. White		0.1673129	0.1725748	0.3871916	0.1675676	185	0.7743832
	Any Non-White vs. White		0.128536	0.2025346	0.5601499	0.2803738	214	0.8262151
	Black vs. White	3 YR	-0.0358539	0.0650611	0.590265	0.1925926	675	0.8982255
	Hispanic vs. White		0.067991	0.0769258	0.3917026	0.1841317	668	0.7461002
	Any Non-White vs. White		0.0549192	0.0862069	0.5343633	0.3118687	792	0.8610942
Scituate	Black vs. White	1 YR	0	0		0	11	
	Hispanic vs. White		0.2678571	0.3168077	0.4599388	0.0666667	12	0.7746403
	Any Non-White vs. White		0.2678571	0.3168077	0.4599388	0.0666667	12	0.8179767
	Black vs. White	3 YR	0.0148078	0.0970019	0.8810143	0.0367647	133	0.9990433
	Hispanic vs. White		0.1012059	0.1024838	0.3414074	0.057554	136	0.7461002
	Any Non-White vs. White		0.0086582	0.1530951	0.95576	0.1088435	144	0.9769993
Smithfield	Black vs. White	1 YR	0.1076605	0.1766423	0.5852627	0.0645161	92	0.8889661
	Hispanic vs. White		0.1266559	0.0739892	0.1620955	0.0645161	93	0.5511246
	Any Non-White vs. White		0.2272721	0.1720378	0.2569856	0.1553398	103	0.5782176
	Black vs. White	3 YR	0.0203952	0.0440767	0.6512135	0.0582822	651	0.8982255
	Hispanic vs. White		0.0262781	0.0429882	0.550808	0.069697	660	0.8070865
	Any Non-White vs. White		0.0323165	0.0815161	0.6977553	0.1216023	699	0.8610942
South Kingstown	Black vs. White	1 YR	-0.0625042	0.1057597	0.5862986	0.1601563	256	0.8889661
	Hispanic vs. White		-0.000266	0.0485983	0.9958955	0.0486726	226	0.9958955
	Any Non-White vs. White		-0.0979789	0.12228	0.4678721	0.2153285	274	0.8179767
	Black vs. White	3 YR	0.0000536	0.0439048	0.9990433	0.1088435	735	0.9990433
	Hispanic vs. White		-0.0221545	0.032355	0.5046918	0.0409956	683	0.7764489
	Any Non-White vs. White		-0.0378927	0.0606582	0.5422204	0.1515544	772	0.8610942
Tiverton	Black vs. White	1 YR	0.140492	0.1538513	0.4128161	0.076087	92	0.8889661
	Hispanic vs. White		-0.0515006	0.0162107	0.0336328	0.0229885	87	0.2858791
	Any Non-White vs. White		0.0922173	0.159308	0.5937148	0.0957447	94	0.8262151
	Black vs. White	3 YR	-0.0645924	0.0871405	0.4717243	0.0716113	390	0.8982255
	Hispanic vs. White		-0.0589922	0.0499945	0.2591526	0.0396825	377	0.6375545
	Any Non-White vs. White		-0.0978817	0.1056503	0.3710829	0.1081081	406	0.8610942
Warwick	Black vs. White	1 YR	-0.1320056	0.0667302	0.1190468	0.129771	655	0.8889661
	Hispanic vs. White		-0.0642055	0.0166372	0.0181603	0.109375	640	0.2858791
	Any Non-White vs. White		-0.0908707	0.049333	0.1392774	0.2191781	730	0.5782176
	Black vs. White	3 YR	-0.0500044	0.0373726	0.2022266	0.1289888	2,225	0.8982255
	Hispanic vs. White		-0.0405157	0.0217533	0.0836489	0.1324978	2,234	0.4780972
	Any Non-White vs. White		-0.0460076	0.03605	0.2226458	0.2345972	2,532	0.8610942
West Greenwich	Black vs. White	1 YR	0	0		0	23	
	Hispanic vs. White		0	0		0	23	
	Any Non-White vs. White		0	0		0	23	
	Black vs. White	3 YR	0.0540302	0.0687848	0.4462434	0.0215827	138	0.8982255
	Hispanic vs. White		-0.14966	0.0881287	0.1115758	0.0422535	142	0.543476
	Any Non-White vs. White		-0.0911593	0.1312347	0.4986551	0.0810811	148	0.8610942
West Warwick	Black vs. White	1 YR	-0.0875369	0.103544	0.4454882	0.1306533	199	0.8889661
	Hispanic vs. White		0.0156045	0.0904593	0.8714187	0.1128205	195	0.898674
	Any Non-White vs. White		-0.0449412	0.1325856	0.7516872	0.206422	218	0.8262151
	Black vs. White	3 YR	-0.052316	0.0305739	0.109112	0.0776614	1,146	0.8982255
	Hispanic vs. White		0.0207318	0.0257706	0.4345734	0.0824653	1,152	0.7691756
	Any Non-White vs. White		-0.0452132	0.0329784	0.1919549	0.1468927	1,239	0.8610942
Westerly	Black vs. White	1YR	-0.0426017	0.1047472	0.7050424	0.0838509	322	0.8889661
	Hispanic vs. White		-0.0194424	0.005761	0.0279187	0.0422078	308	0.2858791
	Any Non-White vs. White		-0.0600511	0.0810486	0.4998746	0.1374269	342	0.8179767
	Black vs. White	3 YR	0.0004258	0.0539566	0.9938148	0.0731383	752	0.9990433
	Hispanic vs. White		0.008626	0.0241286	0.7260481	0.0319444	720	0.8541742
	Any Non-White vs. White		0.0059039	0.0593875	0.9222191	0.132005	803	0.9769993
Woonsocket	Black vs. White	1 YR	0.2324966	0.2787395	0.4511397	0.1470588	102	0.8889661
	Hispanic vs. White		0.0271731	0.0347939	0.4784543	0.2232143	112	0.7746403
	Any Non-White vs. White		0.0066729	0.1225157	0.9591762	0.3203125	128	0.9591762
	Black vs. White	3 YR	0.0241511	0.0497197	0.634662	0.1719626	535	0.8982255
	Hispanic vs. White		0.0160043	0.0316992	0.6214962	0.2689769	606	0.8286616
	Any Non-White vs. White		-0.0263707	0.0338329	0.4486973	0.3760563	710	0.8610942

APPENDIX D: SYNTHETIC CONTROL ANALYSIS DATA TABLES

Table D.1: Synthetic Control Analysis by Agency (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	25.65458	0.04431	0.00E+00	430,336	0
	Hispanic	-0.457795	0.0552284	1.14E-16	426,797	2.15E-16
	Any Non-White	-0.2006376	0.0336478	2.48E-09	499,191	3.78E-09
Bristol	Black	-0.9640305	0.0463511	0	409,906	0
	Hispanic	-1.434577	0.0554527	0	406,427	0
	Any Non-White	-1.121754	0.0354843	0	475,661	0
Burrillville	Black	-1.1302	0.046921	0	430,336	0
	Hispanic	-0.9863539	0.0465508	0	426,797	0
	Any Non-White	13.91313	0.0336726	0	499,191	0
Central Falls	Black	0			7,293	
	Hispanic	0			10,642	
	Any Non-White	0			12,972	
Charlestown	Black	-1.017663	0.7896811	0.1975018	171,636	0.2267613
	Hispanic	6.782873	0.1877369	0	171,318	0
	Any Non-White	-0.9652104	0.6826305	0.1573744	190,964	0.2014393
Coventry	Black	-1.625634	0.8080141	4.42E-02	423,999	0.0527378
	Hispanic	-3.565969	0.4859619	2.17E-13	420,353	3.65E-13
	Any Non-White	-2.845317	0.4763672	2.33E-09	491,827	3.73E-09
Cranston	Black	0.1176922	0.0116821	7.16E-24	429,929	1.48E-23
	Hispanic	0.443072	0.0113846	0	426,395	0
	Any Non-White	0.3367319	0.0090769	0	498,718	0
Cumberland	Black	0.0006868	0.0298966	0.9816713	430,336	0.9816713
	Hispanic	0.4173594	0.0265165	0.00E+00	426,797	0
	Any Non-White	0.2121548	0.0210713	7.62E-24	499,191	1.63E-23
East Greenwich	Black	-0.2670701	0.0946755	0.0047889	429,982	0.0061857
	Hispanic	-0.4162079	0.1367924	2.35E-03	426,434	0.003127
	Any Non-White	-0.4562893	0.0998948	4.93E-06	498,755	6.86E-06
East Providence	Black	0.4915226	0.0155924	0.00E+00	427,300	0
	Hispanic	-0.1144544	0.0194549	4.03E-09	423,725	5.86E-09
	Any Non-White	0.2272581	0.0135653	0	495,687	0
Foster	Black	-0.2187961	0.0796023	0.0059847	429,050	0.0074211
	Hispanic	-0.1033002	0.0862477	0.2310281	425,503	0.2549275
	Any Non-White	-0.0079015	0.0561604	0.8881103	497,689	0.9167591
Glocester	Black	-0.4088291	0.0566506	5.33E-13	424,804	8.26E-13
	Hispanic	-0.4309011	0.0626102	5.89E-12	421,540	9.42E-12
	Any Non-White	-0.47213	0.0434938	1.89E-27	492,427	4.31E-27
Hopkinton	Black	2.265714	0.0539336	0	430,336	0
	Hispanic	-0.1118902	0.0590197	0.057985	426,797	0.0713661
	Any Non-White	0.0480205	0.0377769	2.04E-01	499,191	0.2506719
Jamestown	Black	42.37654	0.0558487	0	430,336	0
	Hispanic	-0.1945733	0.0750173	0.0094946	426,797	0.0121531
	Any Non-White	-0.0839706	0.0481079	0.080904	499,191	0.107872

Table D.1: Synthetic Control Analysis by Agency (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Johnston	Black	0.1184916	0.0271246	0.0000125	404,732	0.0000169
	Hispanic	0.4717374	0.0240309	0	401,167	0
	Any Non-White	0.330862	0.0192367	0	469,465	0
Lincoln	Black	0.14901	0.3353016	0.6567491	420,283	0.6786407
	Hispanic	0.2351792	0.3818139	0.537926	416,769	0.537926
	Any Non-White	0.2752435	0.2865962	0.33686	487,786	0.3717076
Little Compton	Black	0			96,322	
	Hispanic	0			93,504	
	Any Non-White	0			104,272	
Middletown	Black	0.0214676	0.0280608	0.4442492	416,845	0.4748871
	Hispanic	8.416943	0.0352118	0.00E+00	413,425	0
	Any Non-White	-0.157724	0.023024	7.36E-12	483,476	1.24E-11
Narragansett	Black	16.03329	0.0312276	0	430,336	0
	Hispanic	-0.6311951	0.0380109	0	426,797	0
	Any Non-White	-0.5015118	0.0249505	0	499,191	0
Newport	Black	0.5292969	0.0583458	1.17E-19	430,336	2.27E-19
	Hispanic	0.117962	0.1009075	2.42E-01	426,797	0.2585589
	Any Non-White	0.2975564	0.0614201	1.27E-06	499,191	1.85E-06
North Kingstown	Black	9.050135	0.0334551	0.00E+00	428,896	0
	Hispanic	-0.3224491	0.0396094	3.93E-16	425,323	6.99E-16
	Any Non-White	-0.2527356	0.0265344	1.65E-21	497,492	3.31E-21
North Providence	Black	0.6039581	0.0219809	0	430,336	0
	Hispanic	0.3666834	0.0236146	0	426,797	0
	Any Non-White	0.4778292	0.0185129	0	499,191	0
North Smithfield	Black	1.127406	0.0296444	0	430,336	0
	Hispanic	1.344	0.0307065	0	426,797	0
	Any Non-White	1.13511	0.023793	0	499,191	0
Pawtucket	Black	-0.7631941	0.6064535	0.2082274	54,624	0.2305375
	Hispanic	-1.036337	0.5859229	0.0769396	53,378	0.0911876
	Any Non-White	-0.617644	0.5387487	0.2516125	72,244	0.2875571
Portsmouth	Black	0.7059278	0.0352057	0.00E+00	430,336	0
	Hispanic	0.1987165	0.0415438	1.72E-06	426,797	2.40E-06
	Any Non-White	0.4668833	0.0276563	0	499,191	0
Providence	Black	0			131,743	
	Hispanic	0			132,860	
	Any Non-White	0			165,847	
Richmond	Black	-0.6569437	0.0748446	1.67E-18	427,859	3.05E-18
	Hispanic	-1.009309	0.1014914	2.66E-23	424,391	5.67E-23
	Any Non-White	-0.5922971	0.0538042	3.48E-28	496,360	8.57E-28
Scituate	Black	26851.77			354,222	
	Hispanic	-0.4326701	0.5368056	0.4202376	349,802	0.4337937
	Any Non-White	-0.2039017	0.345896	5.56E-01	398,176	0.5925694

Table D.1: Synthetic Control Analysis by Agency (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Smithfield	Black	-0.2538591	0.0346886	2.51E-13	396,852	4.10E-13
	Hispanic	7.114429	0.0355417	0.00E+00	393,464	0
	Any Non-White	-0.2296528	0.0265881	5.75E-18	460,600	1.02E-17
South Kingstown	Black	4.192226	0.5168487	5.02E-16	401,366	8.64E-16
	Hispanic	-1.325708	1.056037	0.2093478	397,634	0.2392546
	Any Non-White	-0.0870674	1.048488	9.34E-01	465,422	0.933819
Tiverton	Black	5.275414	0.0423339	0.00E+00	430,336	0
	Hispanic	-0.5266138	0.052318	7.84E-24	426,797	1.93E-23
	Any Non-White	-0.4113697	0.0340116	1.12E-33	499,191	2.99E-33
Warwick	Black	0			179,552	
	Hispanic	0			181,523	
	Any Non-White	0			213,508	
West Greenwich	Black	-0.7746777	0.109732	1.67E-12	423,043	2.46E-12
	Hispanic	-0.7140395	0.116227	8.07E-10	416,155	1.23E-09
	Any Non-White	27.42382	0.073286	0	486,219	0
West Warwick	Black	-1.096487	0.2322203	2.34E-06	415,650	3.29E-06
	Hispanic	-1.675569	0.167149	1.19E-23	411,916	2.72E-23
	Any Non-White	-1.333636	0.1517658	1.53E-18	482,006	2.88E-18
Westerly	Black	46.41563	0.0316824	0	424,217	0
	Hispanic	-1.049615	0.0433188	0	420,872	0
	Any Non-White	-0.5513545	0.0245843	0.00E+00	491,856	0
Woonsocket	Black	-0.3411177	0.0275582	3.43E-35	419,220	7.61E-35
	Hispanic	0.2289304	0.0255037	2.80E-19	412,744	5.60E-19
	Any Non-White	0.0245033	0.0207594	0.2378621	482,097	0.2819107

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	-6.917569	1.160956	2.55E-09	430,336	4.73E-09
	Hispanic	-7.996488	3.040914	0.0085477	426,797	0.0164379
	Any Non-White	-3.132599	23.45551	0.8937545	499,191	0.9295048
Bristol	Black	-37.10637			409,906	
	Hispanic	-2.040402			406,427	
	Any Non-White	-6.937819			475,661	
Burrillville	Black	-22.08047			430,336	
	Hispanic	-24.11763	1.394392	0	426,797	0
	Any Non-White	-23.42233	0.859727	0	499,191	0
Central Falls	Black	0			7,293	
	Hispanic	0			10,642	
	Any Non-White	0			12,972	
Charlestown	Black	-1.257259	87389.71	0.9999885	171,636	0.9999885
	Hispanic	-1.671165	42.18298	0.9683985	171,318	0.9931852
	Any Non-White	-0.7194958	1276.296	0.9995502	190,964	0.9995502
Coventry	Black	0.3432553			423,999	
	Hispanic	-11.25247			420,353	
	Any Non-White	-9.329844			491,827	
Cranston	Black	5.626083	0.0621144	0	429,929	0
	Hispanic	5.738783	0.0605857	0	426,395	0
	Any Non-White	5.598933	0.0476776	0	498,718	0
Cumberland	Black	-15.53997	0.8684782	0.00E+00	430,336	0
	Hispanic	-11.93021	0.9838071	7.64E-34	426,797	2.73E-33
	Any Non-White	2.638642			499,191	
East Greenwich	Black	-5.770411	1.205794	1.71E-06	429,982	2.61E-06
	Hispanic	-3.59603			426,434	
	Any Non-White	-3.093822	0.7024673	0.0000106	498,755	0.0000184
East Providence	Black	36.89556	1.57912	0	427,300	0
	Hispanic	-216.2574			423,725	
	Any Non-White	54.68453	1.46736	0.00E+00	495,687	0
Foster	Black	-20.93881	6.245777	0.0008009	429,050	0.0011569
	Hispanic	-20.58958	6.438005	0.0013832	425,503	0.0028817
	Any Non-White	20.51805			497,689	
Glocester	Black	-11.83714	1.001827	3.24E-32	424,804	1.20E-31
	Hispanic	-14.52548	1700.633	9.93E-01	421,540	0.9931852
	Any Non-White	-12.22369	2.083438	4.44E-09	492,427	9.61E-09
Hopkinton	Black	-10.75401	3.825879	4.94E-03	430,336	0.0067613
	Hispanic	-11.70337	1.020763	1.97E-30	426,797	5.47E-30
	Any Non-White	-7.536857	0.7018878	6.75E-27	499,191	1.95E-26
Jamestown	Black	-2.600433	0.4836863	7.60E-08	430,336	1.24E-07
	Hispanic	-2.146056	9.394183	8.19E-01	426,797	0.9753573
	Any Non-White	-1.831358	0.2689025	9.73E-12	499,191	2.30E-11

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Johnston	Black	-10.26935	0.8058552	3.39E-37	404,732	1.47E-36
	Hispanic	-8.709397	0.7403746	6.02E-32	401,167	1.88E-31
	Any Non-White	-1.402425	0.328569	1.97E-05	469,465	0.000032
Lincoln	Black	-1.615617	1.382526	0.2425658	420,283	0.2866686
	Hispanic	-0.8096389	1.075211	0.4514473	416,769	0.6270102
	Any Non-White	2.109903	1.937857	2.76E-01	487,786	0.3420243
Little Compton	Black	0			96,322	
	Hispanic	0			93,504	
	Any Non-White	0			104,272	
Middletown	Black	-14.43019	1.662612	3.98E-18	416,845	1.15E-17
	Hispanic	-11.28205	5.891699	0.0555045	413,425	0.0925075
	Any Non-White	0.2799386	0.9316999	0.7638263	483,476	0.8634558
Narragansett	Black	-8.178875	0.627316	7.45E-39	430,336	3.87E-38
	Hispanic	-11.05656	0.884352	7.24E-36	426,797	3.02E-35
	Any Non-White	-6.069279	0.2014676	0.00E+00	499,191	0
Newport	Black	-551655	1581166	0.7271709	430,336	0.7877685
	Hispanic	-532676.3	798329.8	0.5046198	426,797	0.6307748
	Any Non-White	-385.7423	2280.463	8.66E-01	499,191	0.9295048
North Kingstown	Black	-7.284163	1.258694	7.16E-09	428,896	1.24E-08
	Hispanic	-7.111664	1.105081	1.23E-10	425,323	3.08E-10
	Any Non-White	-5.018766	0.5900127	1.80E-17	497,492	4.67E-17
North Providence	Black	-10.64304	5.722979	0.0629276	430,336	0.0818058
	Hispanic	28.09333	0.6485872	0	426,797	0
	Any Non-White	24.8826	0.6485428	0.00E+00	499,191	0
North Smithfield	Black	1.427877	0.1858649	1.56E-14	430,336	4.06E-14
	Hispanic	-0.7790577	0.1725706	6.35E-06	426,797	0.0000144
	Any Non-White	0.1161981	0.1311424	0.3755932	499,191	0.4438828
Pawtucket	Black	-1.212683	0.7754993	0.1178774	54,624	0.1459435
	Hispanic	-1.559864	1.23473	0.206473	53,378	0.3226141
	Any Non-White	-1.038216	0.874488	2.35E-01	72,244	0.3056794
Portsmouth	Black	-3.043012	0.3972811	1.87E-14	430,336	4.41E-14
	Hispanic	-3.00082	3.728713	0.4209425	426,797	0.6190331
	Any Non-White	-1.844191	0.0910104	0	499,191	0
Providence	Black	0			131,743	
	Hispanic	0			132,860	
	Any Non-White	0			165,847	
Richmond	Black	-9.208333	13.26655	0.4876184	427,859	0.5512208
	Hispanic	-17.02197			424,391	
	Any Non-White	-6.069843	1.156432	1.53E-07	496,360	3.06E-07
Scituate	Black	-3.191869	21609.81	0.9998822	354,222	0.9999885
	Hispanic	-2.600641	135.8684	0.9847287	349,802	0.9931852
	Any Non-White	-2.076297	1.258396	0.0989522	398,176	0.1354082

Table D.2: Synthetic Control Analysis by Agency with Robustness Checks (2020)

Department	Race	B=	SE=	P=	N=	Qvalue=
Smithfield	Black	-16.97385	1.60546	3.99E-26	396,852	1.30E-25
	Hispanic	-18.11438	8.309953	2.93E-02	393,464	0.0522664
	Any Non-White	-13.94582	1.204535	5.34E-31	460,600	1.74E-30
South Kingstown	Black	-6.586802	0.86205	2.16E-14	401,366	4.68E-14
	Hispanic	-1.970141	186.5659	0.9915745	397,634	0.9931852
	Any Non-White	-2.646382	1.54662	8.71E-02	465,422	0.1257641
Tiverton	Black	-107.7773			430,336	
	Hispanic	-26.52137			426,797	
	Any Non-White	44.09157			499,191	
Warwick	Black	0			179,552	
	Hispanic	0			181,523	
	Any Non-White	0			213,508	
West Greenwich	Black	-8.349949			423,043	
	Hispanic	-12.44797			416,155	
	Any Non-White	-3.467067	0.7296202	2.02E-06	486,219	3.74E-06
West Warwick	Black	2.080551			415,650	
	Hispanic	2.074932	3.076554	0.5000356	411,916	0.6307748
	Any Non-White	1.859836	0.7513511	0.0133116	482,006	0.020359
Westerly	Black	-19.85421	1.00101	0	424,217	0
	Hispanic	-24.42271	1.265227	0	420,872	0
	Any Non-White	27.67996			491,856	
Woonsocket	Black	0.4786915	0.0766066	4.14E-10	419,220	8.28E-10
	Hispanic	2.041987	0.0878953	0	412,744	0
	Any Non-White	1.47992	0.0681913	0	482,097	0

Table D.3: Synthetic Control Analysis by Agency (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	109.9442	0.044311	0.00E+00	430,336	0
	Hispanic	-0.4450213	0.0548517	4.93E-16	426,797	8.70E-16
	Any Non-White	-0.1760638	0.0333507	1.30E-07	499,191	1.44E-07
Bristol	Black	-1.150531	0.0416153	0	430,336	0
	Hispanic	-1.609791	0.0535867	0	426,797	0
	Any Non-White	10.44009	0.0324911	0	499,191	0
Burrillville	Black	-1.182293	0.0467388	0	430,336	0
	Hispanic	-1.007387	0.0463498	0	426,797	0
	Any Non-White	12.91153	0.0336711	0	499,191	0
Central Falls	Black	0			186,271	
	Hispanic	0			184,612	
	Any Non-White	0			215,132	
Charlestown	Black	29.73677	0.0496065	0	104,145	0
	Hispanic	-24.36706	0.0679957	0	104,852	0
	Any Non-White	-2.745698	0.0388291	0	117,528	0
Coventry	Black	-0.8599704	0.0384386	0	430,336	0
	Hispanic	-1.028435	0.0447866	0	426,797	0
	Any Non-White	12.97175	0.0293862	0	499,191	0
Cranston	Black	0.1536953	0.0109483	0	430,336	0
	Hispanic	0.4864354	0.0105247	0	426,797	0
	Any Non-White	0.3723503	0.0085071	0	499,191	0
Cumberland	Black	0.0919509	0.02975	0.0019962	430,336	0.0023801
	Hispanic	0.5840469	0.0263834	0	426,797	0
	Any Non-White	0.3167469	0.020941	0	499,191	0
East Greenwich	Black	-0.3228293	0.0774414	0.0000306	430,336	0.0000413
	Hispanic	-0.2881186	0.0830486	5.22E-04	426,797	0.0005798
	Any Non-White	-0.3984124	0.0594896	2.12E-11	499,191	2.53E-11
East Providence	Black	0.5043902	0.0154141	0.00E+00	430,336	0
	Hispanic	-0.113201	0.0193148	4.61E-09	426,797	5.53E-09
	Any Non-White	0.2334601	0.0134445	0	499,191	0
Foster	Black	0.0270975	0.0792179	0.7323042	430,336	0.7567143
	Hispanic	0.1461984	0.0831779	0.0788054	426,797	0.0815229
	Any Non-White	0.2128056	0.0558345	0.0001382	499,191	0.0001477
Glocester	Black	-0.4389619	0.0561479	5.37E-15	430,336	8.32E-15
	Hispanic	-0.4175688	0.0620452	1.70E-11	426,797	2.42E-11
	Any Non-White	-0.4912078	0.0431077	4.43E-30	499,191	7.64E-30
Hopkinton	Black	-0.008261	0.051137	0.8716633	430,336	0.8716633
	Hispanic	-0.0652245	0.0586957	0.2664692	426,797	0.2664692
	Any Non-White	0.075051	0.0375177	4.55E-02	499,191	0.0469706
Jamestown	Black	39.69048	0.0558514	0	430,336	0
	Hispanic	-0.1714337	0.0661608	0.0095651	426,797	0.0102483
	Any Non-White	-0.0819969	0.0430484	0.0568115	499,191	0.0568115

Table D.3: Synthetic Control Analysis by Agency (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Johnston	Black	-0.0987238	0.026202	0.0001647	430,336	0.0002127
	Hispanic	0.310726	0.0229444	0.00E+00	426,797	0
	Any Non-White	0.1536952	0.0184553	8.22E-17	499,191	1.11E-16
Lincoln	Black	0.0757904	0.0527173	1.51E-01	430,336	0.172826
	Hispanic	0.5183803	0.0463346	4.68E-29	426,797	9.36E-29
	Any Non-White	0.3193101	0.0373253	1.18E-17	499,191	1.66E-17
Little Compton	Black	0			96,310	
	Hispanic	0			93,491	
	Any Non-White	0			104,257	
Middletown	Black	0.0302541	0.0277926	0.2763445	430,336	0.3059528
	Hispanic	4.756776	0.0353745	0.00E+00	426,797	0
	Any Non-White	-0.1566229	0.022835	6.94E-12	499,191	8.60E-12
Narragansett	Black	12.9962	0.0311822	0	430,336	0
	Hispanic	-0.6142853	0.0377294	0	426,797	0
	Any Non-White	-0.4638017	0.0247115	0	499,191	0
Newport	Black	-0.017519	0.0226937	0.4401271	430,336	0.4704807
	Hispanic	-0.6268336	0.0289935	0.00E+00	426,797	0
	Any Non-White	-0.2310155	0.0189744	4.22E-34	499,191	7.69E-34
North Kingstown	Black	7.55978	0.0334561	0.00E+00	430,336	0
	Hispanic	-0.2428203	0.038411	2.59E-10	426,797	3.53E-10
	Any Non-White	-0.1631238	0.0256791	2.12E-10	499,191	2.43E-10
North Providence	Black	0.640368	0.0218236	0	430,336	0
	Hispanic	0.3963983	0.023459	0	426,797	0
	Any Non-White	0.5088102	0.0183974	0	499,191	0
North Smithfield	Black	1.255287	0.026698	0	430,336	0
	Hispanic	1.361033	0.0273242	0	426,797	0
	Any Non-White	1.219683	0.0217534	0	499,191	0
Pawtucket	Black	0			55,282	
	Hispanic	0			53,909	
	Any Non-White	0			73,099	
Portsmouth	Black	0.6301464	0.02669	0	430,336	0
	Hispanic	0.1322847	0.0318041	0.0000319	426,797	0.0000368
	Any Non-White	0.4127482	0.021134	0	499,191	0
Providence	Black	0			129,447	
	Hispanic	0			130,836	
	Any Non-White	0			163,185	
Richmond	Black	-0.6296675	0.0728475	5.44E-18	430,336	8.88E-18
	Hispanic	-1.066112	0.0998026	1.23E-26	426,797	2.31E-26
	Any Non-White	-0.5662677	0.0527525	7.02E-27	499,191	1.09E-26
Scituate	Black	-0.792697	0.0847237	8.26E-21	224,409	1.42E-20
	Hispanic	-0.6965731	0.0867849	1.00E-15	219,822	1.67E-15
	Any Non-White	-0.6574208	0.0590409	8.47E-29	243,402	1.38E-28

Table D.3: Synthetic Control Analysis by Agency (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Smithfield	Black	-0.2580806	0.0343336	5.61E-14	430,336	8.28E-14
	Hispanic	-0.2143109	0.0360229	2.69E-09	426,797	3.37E-09
	Any Non-White	-0.2587779	0.026105	3.66E-23	499,191	5.40E-23
South Kingstown	Black	9.557636	0.0286184	0	430,336	0
	Hispanic	-1.199636	0.0405408	0	426,797	0
	Any Non-White	-0.6756419	0.0230727	0.00E+00	499,191	0
Tiverton	Black	-0.1350145	0.042716	1.57E-03	430,336	0.0019513
	Hispanic	-0.3529964	0.0520722	1.21E-11	426,797	1.82E-11
	Any Non-White	-0.2400409	0.0338182	1.27E-12	499,191	1.64E-12
Warwick	Black	0			180,709	
	Hispanic	0			182,749	
	Any Non-White	0			214,888	
West Greenwich	Black	-0.7472035	0.105831	1.66E-12	430,336	2.34E-12
	Hispanic	-0.6467493	0.1082502	2.31E-09	426,797	3.01E-09
	Any Non-White	15.11043	0.0732849	0	499,191	0
West Warwick	Black	16.61147	0.0284236	0	430,336	0
	Hispanic	45.60945			426,797	
	Any Non-White	-0.7966235	0.0219593	0.00E+00	499,191	0
Westerly	Black	38.42192	0.0316824	0	430,336	0
	Hispanic	-1.069584	0.0430596	0	426,797	0
	Any Non-White	-0.5821205	0.0243362	0	499,191	0
Woonsocket	Black	2.104678	0.0252787	0.00E+00	52,942	0
	Hispanic	-0.1789869	0.0263529	1.11E-11	50,628	1.75E-11
	Any Non-White	-0.3282968	0.0217617	0	64,660	0

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Barrington	Black	-6.60567	0.367257	0	430,336	0
	Hispanic	-7.288213	0.4735451	0	426,797	0
	Any Non-White	-5.647854	0.2534422	0	499,191	0
Bristol	Black	-5144.424			430,336	
	Hispanic	-111.9934	1.265693	0	426,797	0
	Any Non-White	-90.62552	1.066675	0	499,191	0
Burrillville	Black	-54.15932	1.004443	0	430,336	0
	Hispanic	-64.55779	1.145439	0	426,797	0
	Any Non-White	-51.9177	0.7912988	0	499,191	0
Central Falls	Black	0			186,271	
	Hispanic	0			184,612	
	Any Non-White	0			215,132	
Charlestown	Black	29.7556			104,145	
	Hispanic	-24.37734			104,852	
	Any Non-White	-2.747508	0.0388535	0	117,528	0
Coventry	Black	-27.18279	0.4839015	0	430,336	0
	Hispanic	-32.81884	0.5504221	0	426,797	0
	Any Non-White	-26.48934	0.3688237	0	499,191	0
Cranston	Black	9.642703	0.0690295	0	430,336	0
	Hispanic	9.505238	0.0656439	0	426,797	0
	Any Non-White	8.383763	0.045866	0	499,191	0
Cumberland	Black	-11.6663	0.4156961	0	430,336	0
	Hispanic	-7.981927	0.3476209	0	426,797	0
	Any Non-White	-8.584321	0.2493336	0	499,191	0
East Greenwich	Black	-24.70587	2.018588	1.92E-34	430,336	2.15E-34
	Hispanic	-20.98678	2.073746	4.49E-24	426,797	5.51E-24
	Any Non-White	-23.75077	1.485868	0	499,191	0
East Providence	Black	153.6395	0.9335071	0	430,336	0
	Hispanic	194.3376	1.39073	0	426,797	0
	Any Non-White	174.7689	0.8949318	0	499,191	0
Foster	Black	1449.012			430,336	
	Hispanic	-4160.55			426,797	
	Any Non-White	-26.64627	2.352436	9.63E-30	499,191	1.03E-29
Glocester	Black	976.6088			430,336	
	Hispanic	-26.93346	1.55651	0	426,797	0
	Any Non-White	-21.8786	0.9534378	0	499,191	0
Hopkinton	Black	146.6072			430,336	
	Hispanic	-9.022759	1.006207	3.04E-19	426,797	3.42E-19
	Any Non-White	-6.293598	0.4412895	0	499,191	0
Jamestown	Black	-4.100987	0.3108825	0	430,336	0
	Hispanic	-3.602894	0.3790786	2.01E-21	426,797	2.36E-21
	Any Non-White	-3.510395	0.2183364	0	499,191	0

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Johnston	Black	-70.1152	1.090077	0	430,336	0
	Hispanic	-61.26064	0.9206522	0	426,797	0
	Any Non-White	-55.81238	0.6085033	0	499,191	0
Lincoln	Black	692.3443			430,336	
	Hispanic	2892.416			426,797	
	Any Non-White	-173.8401	3.219409	0	499,191	0
Little Compton	Black	0			96,310	
	Hispanic	0			93,491	
	Any Non-White	0			104,257	
Middletown	Black	-40.21938	1.499422	0	430,336	0
	Hispanic	-63.7429	2.868606	0	426,797	0
	Any Non-White	-25.09714	1.168472	0	499,191	0
Narragansett	Black	630.8469			430,336	
	Hispanic	-10.82749	0.316256	0	426,797	0
	Any Non-White	-6.644055	0.1801054	0	499,191	0
Newport	Black	26.52273	0.6480383	0	430,336	0
	Hispanic	68.82362	0.8048686	0	426,797	0
	Any Non-White	35.27421	0.420211	0	499,191	0
North Kingstown	Black	-1736.169			430,336	
	Hispanic	-13.1176	0.503272	0	426,797	0
	Any Non-White	-10.48062	0.2893114	0	499,191	0
North Providence	Black	29.51892	0.5144079	0	430,336	0
	Hispanic	43.64327	0.4740528	0	426,797	0
	Any Non-White	47.37497	1.322979	0	499,191	0
North Smithfield	Black	0.0507429	0.1270409	0.6895827	430,336	0.6895827
	Hispanic	-1.135976	0.1464922	8.87E-15	426,797	9.21E-15
	Any Non-White	-0.5022942	0.1249367	0.0000581	499,191	0.0000581
Pawtucket	Black	0			55,282	
	Hispanic	0			53,909	
	Any Non-White	0			73,099	
Portsmouth	Black	520.8466			430,336	
	Hispanic	-1.864715	0.0804877	0	426,797	0
	Any Non-White	-1.403515	0.0486686	0	499,191	0
Providence	Black	0			129,447	
	Hispanic	0			130,836	
	Any Non-White	0			163,185	
Richmond	Black	-30.03437	1.912282	0	430,336	0
	Hispanic	-45.94285	2.202121	0	426,797	0
	Any Non-White	-27.24131	1.498263	0	499,191	0
Scituate	Black	-0.8847433	0.093261	2.38E-21	224,409	2.52E-21
	Hispanic	-0.7776581	0.0954181	3.64E-16	219,822	3.93E-16
	Any Non-White	-0.732752	0.0647206	1.02E-29	243,402	1.06E-29

Table D.4: Synthetic Control Analysis by Agency with Robustness Checks (2018-20)

Department	Race	B=	SE=	P=	N=	Qvalue=
Smithfield	Black	4908.248			430,336	
	Hispanic	-67.39395	1.205064	0	426,797	0
	Any Non-White	-56.56942	0.7738828	0	499,191	0
South Kingstown	Black	-89.18097	1.075925	0	430,336	0
	Hispanic	1610.26			426,797	
	Any Non-White	-86.92417	0.8986593	0	499,191	0
Tiverton	Black	6758.36			430,336	
	Hispanic	-29.76756	1.23308	0	426,797	0
	Any Non-White	-20.1414	0.6922106	0	499,191	0
Warwick	Black	0			180,709	
	Hispanic	0			182,749	
	Any Non-White	0			214,888	
West Greenwich	Black	-9.287911	0.6778075	0	430,336	0
	Hispanic	-7.772562	0.6960637	5.95E-29	426,797	7.65E-29
	Any Non-White	72.84464			499,191	
West Warwick	Black	-104.2117	1.472192	0	430,336	0
	Hispanic	73.71289	1.09417	0	426,797	0
	Any Non-White	24.22034	1.326279	0	499,191	0
Westerly	Black	2658.395			430,336	
	Hispanic	-77.0233	0.8975717	0	426,797	0
	Any Non-White	-54.31894	0.6292624	0	499,191	0
Woonsocket	Black	2.858925	0.0252729	0	52,942	0
	Hispanic	-0.179079	0.0263618	1.10E-11	50,628	1.10E-11
	Any Non-White	-0.3284337	0.0217688	0	64,660	0

APPENDIX E: HIT-RATE ANALYSIS TABLES

Table E. 1: Aggregate Hit Rate Analysis by Year

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2018	White	0.4071856	0.4909761	0.3233952	-0.018	0.772	272
		Any Non-White	0.3888889	0.4796123	0.2981654	-0.018	0.772	272
	2019	White	0.4025974	0.493117	0.3120778	-0.184	0.003	253
		Any Non-White	0.21875	0.2986392	0.1388608	-0.184	0.003	253
	2020	White	0.2727273	0.3794006	0.1660539	0.04	0.69	116
		Any Non-White	0.3125	0.475648	0.149352	0.04	0.69	116
	2018	White	0.4071856	0.4910585	0.3233128	0.093	0.238	215
		Hispanic	0.5	0.6286848	0.3713152	0.093	0.238	215
	2019	White	0.4025974	0.4932105	0.3119844	-0.145	0.051	201
		Hispanic	0.2571429	0.3708527	0.143433	-0.145	0.051	201
	2020	White	0.2727273	0.3795506	0.1659039	0.102	0.394	100
		Hispanic	0.375	0.5831001	0.1668999	0.102	0.394	100
	2018	White	0.4071856	0.4910548	0.3233164	0.011	0.88	217
		Black	0.4186046	0.5413901	0.2958193	0.011	0.88	217
	2019	White	0.4025974	0.4932127	0.3119821	-0.213	0.002	200
		Black	0.1891892	0.2851372	0.0932412	-0.213	0.002	200
	2020	White	0.2727273	0.3795961	0.1658585	-0.051	0.699	96
		Black	0.2222222	0.4535641	0	-0.051	0.699	96
Municipal Police	2018	White	0.2328182	0.2519602	0.2136762	-0.091	0.001	6,985
		Any Non-White	0.1414285	0.1524929	0.1303642	-0.091	0.001	6,985
	2019	White	0.296439	0.3188547	0.2740234	-0.129	0.001	4,520
		Any Non-White	0.1671929	0.1829661	0.1514197	-0.129	0.001	4,520
	2020	White	0.2772866	0.3004591	0.2541142	-0.122	0.001	4,910
		Any Non-White	0.1555523	0.1704936	0.140611	-0.122	0.001	4,910
	2018	White	0.2328182	0.2519616	0.2136748	-0.1	0.001	4,648
		Hispanic	0.1326154	0.1476432	0.1175876	-0.1	0.001	4,648
	2019	White	0.296439	0.3188568	0.2740213	-0.134	0.001	3,169
		Hispanic	0.1620157	0.1844907	0.1395406	-0.134	0.001	3,169
	2020	White	0.2772866	0.300461	0.2541122	-0.119	0.001	3,468
		Hispanic	0.1587669	0.1795537	0.1379801	-0.119	0.001	3,468
	2018	White	0.2328182	0.2519611	0.2136753	-0.09	0.001	5,260
		Black	0.142793	0.1568073	0.1287786	-0.09	0.001	5,260
	2019	White	0.296439	0.318856	0.274022	-0.14	0.001	3,565
		Black	0.1560334	0.1751773	0.1368895	-0.14	0.001	3,565
	2020	White	0.2772866	0.3004606	0.2541127	-0.125	0.001	3,720
		Black	0.1519047	0.1708124	0.132997	-0.125	0.001	3,720
All Agencies	2018	White	0.2444326	0.2631958	0.2256695	-0.096	0.001	7,257
		Any Non-White	0.1480247	0.15911	0.1369395	-0.096	0.001	7,257
	2019	White	0.3043541	0.3261892	0.2825191	-0.135	0.001	4,773
		Any Non-White	0.1693702	0.1848504	0.1538899	-0.135	0.001	4,773
	2020	White	0.2771057	0.2997518	0.2544596	-0.119	0.001	5,026
		Any Non-White	0.1577397	0.1726569	0.1428225	-0.119	0.001	5,026
	2018	White	0.2444326	0.263197	0.2256682	-0.102	0.001	4,863
		Hispanic	0.142567	0.1577753	0.1273587	-0.102	0.001	4,863
	2019	White	0.3043541	0.3261911	0.2825172	-0.138	0.001	3,370
		Hispanic	0.16641	0.1885042	0.1443158	-0.138	0.001	3,370
	2020	White	0.2771057	0.2997536	0.2544577	-0.115	0.001	3,568
		Hispanic	0.1616803	0.1823809	0.1409798	-0.115	0.001	3,568
	2018	White	0.2444326	0.2631966	0.2256687	-0.095	0.001	5,477
		Black	0.1498599	0.1639447	0.135775	-0.095	0.001	5,477
	2019	White	0.3043541	0.3261904	0.2825179	-0.147	0.001	3,765
		Black	0.1573141	0.1760829	0.1385453	-0.147	0.001	3,765
	2020	White	0.2771057	0.2997532	0.2544582	-0.124	0.001	3,816
		Black	0.1528236	0.1717344	0.1339128	-0.124	0.001	3,816

Table E. 1: Aggregate Hit Rate Analysis by Year

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	Three-Year Aggregate	White	0.3824289	0.4367169	0.328141	-0.073	0.071	641
		Any Non-White	0.3092105	0.3668965	0.2515246	-0.073	0.071	641
		White	0.3824289	0.4367375	0.3281204	0	0.995	516
		Hispanic	0.3827161	0.4647041	0.300728	0	0.995	516
		White	0.3824289	0.4367381	0.3281198	-0.079	0.1	513
		Black	0.3033708	0.3800994	0.2266421	-0.079	0.1	513
Municipal Police		White	0.2657533	0.2781167	0.2533899	-0.114	0.001	16,415
		Any Non-White	0.1516701	0.1594823	0.1438578	-0.114	0.001	16,415
		White	0.2657533	0.2781171	0.2533895	-0.119	0.001	11,285
		Hispanic	0.1462935	0.1571032	0.1354837	-0.119	0.001	11,285
		White	0.2657533	0.278117	0.2533897	-0.117	0.001	12,545
		Black	0.148475	0.1582537	0.1386963	-0.117	0.001	12,545
All Agencies		White	0.2729945	0.2850814	0.2609075	-0.117	0.001	17,056
		Any Non-White	0.1561338	0.1639125	0.1483551	-0.117	0.001	17,056
		White	0.2729945	0.2850817	0.2609072	-0.12	0.001	11,801
		Hispanic	0.1532464	0.1640662	0.1424265	-0.12	0.001	11,801
		White	0.2729945	0.2850817	0.2609073	-0.12	0.001	13,058
		Black	0.1526213	0.1623735	0.1428691	-0.12	0.001	13,058

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

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2018	White	0.4963504	0.5918946	0.4008061	0.032	0.666	215
		Any Non-White	0.5283019	0.6371533	0.4194505	0.032	0.666	215
	2019	White	0.484375	0.5854973	0.3832527	-0.204	0.005	206
		Any Non-White	0.28	0.3780571	0.1819429	-0.204	0.005	206
	2020	White	0.2580645	0.367729	0.1484	0.075	0.471	107
		Any Non-White	0.3333333	0.5050355	0.1616312	0.075	0.471	107
	2018	White	0.4963504	0.591988	0.4007127	0.117	0.174	178
		Hispanic	0.6129032	0.7502477	0.4755588	0.117	0.174	178
	2019	White	0.484375	0.585606	0.383144	-0.184	0.029	169
		Hispanic	0.3	0.4287071	0.1712929	-0.184	0.029	169
	2020	White	0.2580645	0.3679131	0.1482159	0.171	0.19	91
		Hispanic	0.4285714	0.6564783	0.2006645	0.171	0.19	91
	2018	White	0.4963504	0.591979	0.4007217	0.004	0.966	181
		Black	0.5	0.6359538	0.3640461	0.004	0.966	181
	2019	White	0.484375	0.5856283	0.3831217	-0.234	0.004	163
		Black	0.25	0.3722059	0.1277941	-0.234	0.004	163
	2020	White	0.2580645	0.3679408	0.1481882	-0.036	0.785	89
		Black	0.2222222	0.4537579	0	-0.036	0.785	89
Municipal Police	2018	White	0.2444994	0.2649519	0.2240468	-0.1	0.001	6,611
		Any Non-White	0.1440485	0.1554191	0.1326778	-0.1	0.001	6,611
	2019	White	0.3079642	0.3318095	0.284119	-0.139	0.001	4,169
		Any Non-White	0.1691577	0.1856171	0.1526984	-0.139	0.001	4,169
	2020	White	0.2924031	0.3174406	0.2673656	-0.143	0.001	4,546
		Any Non-White	0.1493637	0.164434	0.1342935	-0.143	0.001	4,546
	2018	White	0.2444994	0.2649535	0.2240452	-0.11	0.001	4,374
		Hispanic	0.1347851	0.1501867	0.1193836	-0.11	0.001	4,374
	2019	White	0.3079642	0.3318119	0.2841165	-0.142	0.001	2,925
		Hispanic	0.1656941	0.1890838	0.1423045	-0.142	0.001	2,925
	2020	White	0.2924031	0.317443	0.2673633	-0.148	0.001	3,204
		Hispanic	0.1446186	0.1650561	0.1241812	-0.148	0.001	3,204
	2018	White	0.2444994	0.2649529	0.2240458	-0.099	0.001	4,942
		Black	0.145175	0.159585	0.1307651	-0.099	0.001	4,942
	2019	White	0.3079642	0.3318111	0.2841174	-0.151	0.001	3,257
		Black	0.1570064	0.177054	0.1369589	-0.151	0.001	3,257
	2020	White	0.2924031	0.3174424	0.2673638	-0.144	0.001	3,425
		Black	0.1487947	0.1679272	0.1296622	-0.144	0.001	3,425
All Agencies	2018	White	0.2598007	0.2799744	0.2396271	-0.108	0.001	6,826
		Any Non-White	0.1519352	0.1633976	0.1404727	-0.108	0.001	6,826
	2019	White	0.320271	0.3436328	0.2969093	-0.147	0.001	4,375
		Any Non-White	0.1731027	0.1893717	0.1568337	-0.147	0.001	4,375
	2020	White	0.2909519	0.3153779	0.2665259	-0.139	0.001	4,653
		Any Non-White	0.1519671	0.1670386	0.1368956	-0.139	0.001	4,653
	2018	White	0.2598007	0.2799759	0.2396256	-0.114	0.001	4,552
		Hispanic	0.1457661	0.1614206	0.1301115	-0.114	0.001	4,552
	2019	White	0.320271	0.343635	0.2969071	-0.149	0.001	3,094
		Hispanic	0.1713254	0.1944209	0.1482299	-0.149	0.001	3,094
	2020	White	0.2909519	0.31538	0.2665237	-0.143	0.001	3,295
		Hispanic	0.1482113	0.1686179	0.1278046	-0.143	0.001	3,295
	2018	White	0.2598007	0.2799754	0.2396261	-0.107	0.001	5,123
		Black	0.1531262	0.1676589	0.1385935	-0.107	0.001	5,123
	2019	White	0.320271	0.3436343	0.2969078	-0.16	0.001	3,420
		Black	0.1599779	0.1797775	0.1401784	-0.16	0.001	3,420
	2020	White	0.2909519	0.3153796	0.2665242	-0.141	0.001	3,514
		Black	0.1498343	0.1689876	0.130681	-0.141	0.001	3,514

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

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	**Three-Year Aggregate**	White	0.4464832	0.5071902	0.3857762	-0.048	0.305	528
		Any Non-White	0.3983051	0.4674872	0.329123	-0.048	0.305	528
		White	0.4464832	0.5072139	0.3857525	0.009	0.866	438
		Hispanic	0.4558823	0.5470258	0.3647389	0.009	0.866	438
		White	0.4464832	0.5072155	0.3857509	-0.077	0.163	433
		Black	0.369863	0.4585431	0.2811829	-0.077	0.163	433
Municipal Police		White	0.2780817	0.2913109	0.2648526	-0.126	0.001	15,326
		Any Non-White	0.1520771	0.1601247	0.1440294	-0.126	0.001	15,326
		White	0.2780817	0.2913113	0.2648522	-0.133	0.001	10,503
		Hispanic	0.1451986	0.1562584	0.1341387	-0.133	0.001	10,503
		White	0.2780817	0.2913111	0.2648523	-0.129	0.001	11,624
		Black	0.1492153	0.159309	0.1391217	-0.129	0.001	11,624
All Agencies		White	0.2879917	0.3009756	0.2750078	-0.13	0.001	15,854
		Any Non-White	0.1578338	0.1658923	0.1497754	-0.13	0.001	15,854
		White	0.2879917	0.300976	0.2750075	-0.135	0.001	10,941
		Hispanic	0.1532667	0.1643871	0.1421463	-0.135	0.001	10,941
		White	0.2879917	0.3009759	0.2750075	-0.134	0.001	12,057
		Black	0.1543804	0.1644898	0.144271	-0.134	0.001	12,057

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

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	2018	White	0	1		0		79
		Any Non-White	0	1		0		79
	2019	White	0.0869565	0.1648428	0.0090702	-0.087	0.031	85
		Any Non-White	-6.94E-17	1		-0.087	0.031	85
	2020	White	0.125	0.267924	0	0.208	0.299	27
		Any Non-White	0.3333333	0.6911787	0	0.208	0.299	27
	2018	White	0	1		0		53
		Hispanic	0	1		0		53
	2019	White	0.0869565	0.1652834	0.0086296	-0.087	0.034	58
		Hispanic	0	9.13E-10	0	-0.087	0.034	58
	2020	White	0.125	0.2681444	0	0.375	0.127	26
		Hispanic	0.5	0.94168	0.05832	0.375	0.127	26
	2018	White	0	1		0		51
		Black	0	1		0		51
	2019	White	0.0869565	0.1650285	0.0088845	-0.087	0.032	71
		Black	-2.78E-17	1		-0.087	0.032	71
	2020	White	0.125	0.2695859	0	-0.125	0.107	21
		Black	-2.78E-17	1		-0.125	0.107	21
Municipal Police	2018	White	0.1134205	0.1411741	0.0856669	-0.003	0.866	1,206
		Any Non-White	0.109961	0.1389072	0.0810148	-0.003	0.866	1,206
	2019	White	0.1987897	0.2351795	0.1624	-0.076	0.002	1,063
		Any Non-White	0.1228011	0.1529908	0.0926113	-0.076	0.002	1,063
	2020	White	0.2204908	0.259909	0.1810727	-0.029	0.323	906
		Any Non-White	0.1919662	0.2325743	0.151358	-0.029	0.323	906
	2018	White	0.1134205	0.1411842	0.0856568	0.016	0.579	840
		Hispanic	0.1294907	0.1789607	0.0800207	0.016	0.579	840
	2019	White	0.1987897	0.2351938	0.1623856	-0.068	0.03	750
		Hispanic	0.1304721	0.1800617	0.0808825	-0.068	0.03	750
	2020	White	0.2204908	0.2599242	0.1810575	0.01	0.792	672
		Hispanic	0.2303571	0.292248	0.1684663	0.01	0.792	672
	2018	White	0.1134205	0.1411785	0.0856625	-0.003	0.898	1,015
		Black	0.1104738	0.145732	0.0752155	-0.003	0.898	1,015
	2019	White	0.1987897	0.2351841	0.1623953	-0.086	0.001	936
		Black	0.1125919	0.1475893	0.0775945	-0.086	0.001	936
	2020	White	0.2204908	0.2599199	0.1810618	-0.04	0.237	725
		Black	0.1806634	0.2334893	0.1278374	-0.04	0.237	725
All Agencies	2018	White	0.1062938	0.132427	0.0801607	-0.005	0.773	1,285
		Any Non-White	0.1007997	0.1274953	0.0741041	-0.005	0.773	1,285
	2019	White	0.1901703	0.2244867	0.155854	-0.078	0.001	1,148
		Any Non-White	0.1118989	0.1395752	0.0842226	-0.078	0.001	1,148
	2020	White	0.2170484	0.2554164	0.1786805	-0.023	0.419	933
		Any Non-White	0.1940858	0.2343415	0.1538301	-0.023	0.419	933
	2018	White	0.1062938	0.132436	0.0801517	0.013	0.635	893
		Hispanic	0.1190549	0.1648175	0.0732922	0.013	0.635	893
	2019	White	0.1901703	0.2244993	0.1558414	-0.071	0.015	808
		Hispanic	0.119403	0.1649946	0.0738113	-0.071	0.015	808
	2020	White	0.2170484	0.2554303	0.1786666	0.019	0.607	698
		Hispanic	0.236014	0.2972232	0.1748047	0.019	0.607	698
	2018	White	0.1062938	0.1324312	0.0801565	-0.002	0.919	1,066
		Black	0.1041041	0.1374872	0.070721	-0.002	0.919	1,066
	2019	White	0.1901703	0.2244909	0.1558498	-0.087	0.001	1,007
		Black	0.1029412	0.1351296	0.0707528	-0.087	0.001	1,007
	2020	White	0.2170484	0.2554267	0.1786702	-0.038	0.254	746
		Black	0.1791463	0.2316217	0.1266709	-0.038	0.254	746

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

Level	Sample	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	N=
State Police	Three-Year Aggregate	White	0.0588235	0.1002738	0.0173733	-0.04	0.083	191
		Any Non-White	0.0185185	0.0368882	0.0001489	-0.04	0.083	191
		White	0.0588235	0.1003605	0.0172865	-0.013	0.671	137
		Hispanic	0.0454545	0.0908358	0.0000733	-0.013	0.671	137
		White	0.0588235	0.1003476	0.0172994	-0.059	0.006	143
		Black	-6.94E-18	1		-0.059	0.006	143
Municipal Police		White	0.1723518	0.1921227	0.1525808	-0.036	0.009	3,175
		Any Non-White	0.1360583	0.1549278	0.1171887	-0.036	0.009	3,175
		White	0.1723518	0.1921252	0.1525783	-0.013	0.497	2,262
		Hispanic	0.1595927	0.1906772	0.1285082	-0.013	0.497	2,262
		White	0.1723518	0.1921239	0.1525797	-0.044	0.004	2,676
		Black	0.1279744	0.1508236	0.1051253	-0.044	0.004	2,676
All Agencies		White	0.1654478	0.1842686	0.1466269	-0.037	0.005	3,366
		Any Non-White	0.1280693	0.1457962	0.1103424	-0.037	0.005	3,366
		White	0.1654478	0.1842708	0.1466247	-0.013	0.455	2,399
		Hispanic	0.1521616	0.1814946	0.1228286	-0.013	0.455	2,399
		white	0.1654478	0.1842697	0.1466258	-0.045	0.002	2,819
		black	0.1206691	0.1423298	0.0990085	-0.045	0.002	2,819

Table E. 4: Agency Hit Rate Analysis, 2020

Level	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	Any Non-White	0	1		-0.125	0.315	0.435	19
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.125	0.326	0.36675	15
	Black vs. White	Black	0	1		-0.125	0.317	0.4475294	18
Burrillville	Any Non-White vs. White	Any Non-White	0	1		-0.388	0.001	0.0048333	120
	Hispanic vs. White	Hispanic	0	1		-0.388	0.001	0.0045	120
	Black vs. White	Black	-5.55E-17	1		-0.388	0.001	0.006	117
Central Falls	Any Non-White vs. White	Any Non-White	0.3571429	0.5019641	0.2123216	0.214	0.157	0.2845625	70
	Hispanic vs. White	Hispanic	0.3888889	0.5754754	0.2023024	0.246	0.136	0.1836	50
	Black vs. White	Black	0.4	0.6116854	0.1883146	0.257	0.14	0.24	38
Charlestown	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.143	0.183	0.3012778	15
	Hispanic vs. White	Hispanic		1		0			13
	Black vs. White	Black	-2.78E-17	1		-0.143	0.183	0.276	15
Coventry	Any Non-White vs. White	Any Non-White	-1.39E-17	1		-0.087	0.021	0.076125	71
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.087	0.021	0.0567	65
	Black vs. White	Black	-1.39E-17	1		-0.087	0.021	0.072	71
Cranston	Any Non-White vs. White	Any Non-White	0.8461539	0.9891008	0.7032069	0.301	0.047	0.1363	45
	Hispanic vs. White	Hispanic	0.8363636	1	0.6620173	0.291	0.07	0.1453846	38
	Black vs. White	Black	0.9333333	1	0.8040058	0.388	0.011	0.044	36
Cumberland	Any Non-White vs. White	Any Non-White	0.6666667	1	0.0956485	0.167	0.678	0.7022142	10
	Hispanic vs. White	Hispanic	1	1		0.5	0.095	0.156	9
	Black vs. White	Black	0	1		-0.5	0.123	0.2270769	7
East Greenwich	Any Non-White vs. White	Any Non-White		1		0			12
	Hispanic vs. White	Hispanic		1		0			12
	Black vs. White	Black		1		0			12
East Providence	Any Non-White vs. White	Any Non-White	0.3008265	0.3885433	0.2131096	0.048	0.407	0.5131739	292
	Hispanic vs. White	Hispanic	0.2207792	0.3564043	0.0851542	-0.032	0.681	0.681	209
	Black vs. White	Black	0.3071749	0.4066763	0.2076735	0.054	0.386	0.5146667	262
Foster	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.25	0.078	0.2056364	19
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.25	0.078	0.1504286	19
	Black vs. White	Black		1		0			16
Glocester	Any Non-White vs. White	Any Non-White		1		0			7
	Hispanic vs. White	Hispanic		1		0			7
	Black vs. White	Black		1		0			7
Hopkinton	Any Non-White vs. White	Any Non-White	5.55E-17	1		-0.286	0.001	0.0048333	52
	Hispanic vs. White	Hispanic	0	1		-0.286	0.001	0.0045	50
	Black vs. White	Black	0	1		-0.286	0.001	0.006	45
Jamestown	Any Non-White vs. White	Any Non-White	1	1		0.368	0.001	0.0048333	50
	Hispanic vs. White	Hispanic	1	1		0.368	0.001	0.0045	46
	Black vs. White	Black	1	1		0.368	0.001	0.006	46
Johnston	Any Non-White vs. White	Any Non-White		1					5
	Hispanic vs. White	Hispanic		1					5
Lincoln	Any Non-White vs. White	Any Non-White	0.25	0.5662937	0	0.25	0.144	0.2784	16
	Hispanic vs. White	Hispanic	0.5	1	0	0.5	0.104	0.156	11
	Black vs. White	Black	0	1		0			12
Little Compton	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
Middletown	Any Non-White vs. White	Any Non-White	0.1111111	0.2579042	0	0.111	0.142	0.2784	76
	Hispanic vs. White	Hispanic	0	1		0			63
	Black vs. White	Black	0.2	0.445279	0	0.2	0.115	0.2270769	68
Narragansett	Any Non-White vs. White	Any Non-White	0.2307692	0.3983636	0.0631748	0.047	0.635	0.6906297	87
	Hispanic vs. White	Hispanic	0.2666667	0.5284551	0.0048782	0.083	0.562	0.60696	70
	Black vs. White	Black	0.2553191	0.5196303	0	0.072	0.62	0.7405714	69
Newport	Any Non-White vs. White	Any Non-White	0.0331492	0.0972298	0	0.033	0.313	0.435	95
	Hispanic vs. White	Hispanic	0.12	0.3384725	0	0.12	0.287	0.336913	49
	Black vs. White	Black	0	1		0			83
North Kingstown	Any Non-White vs. White	Any Non-White	1	1		0.531	0.001	0.0048333	75
	Hispanic vs. White	Hispanic	1	1		0.531	0.001	0.0045	75
	Black vs. White	Black	1	1		0.531	0.001	0.006	72
North Providence	Any Non-White vs. White	Any Non-White	0	1		0			13
	Hispanic vs. White	Hispanic	0	1		0			10
	Black vs. White	Black	0	1		0			10
North Smithfield	Any Non-White vs. White	Any Non-White	0.1111111	0.2685088	0	0.111	0.187	0.3012778	17
	Hispanic vs. White	Hispanic	0.1818182	0.4421515	0	0.182	0.204	0.2622857	11
	Black vs. White	Black	0	1		0			8
Pawtucket	Any Non-White vs. White	Any Non-White	0.1764706	0.2886972	0.0642439	-0.024	0.826	0.826	107
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.2	0.032	0.0785455	51
	Black vs. White	Black	0.2222222	0.3573842	0.0870603	0.022	0.845	0.858	94
Portsmouth	Any Non-White vs. White	Any Non-White		1					2
	Black vs. White	Black		1					2
Providence	Any Non-White vs. White	Any Non-White	0.0962755	0.1143983	0.0781527	-0.045	0.112	0.2498462	1,629
	Hispanic vs. White	Hispanic	0.0966179	0.1222958	0.0709401	-0.045	0.135	0.18225	975
	Black vs. White	Black	0.0929728	0.1150744	0.0708712	-0.048	0.097	0.2269091	1,082
Richmond	Any Non-White vs. White	Any Non-White	0	1		0			29
	Hispanic vs. White	Hispanic	0	1		0			27
	Black vs. White	Black	0	1		0			26
RISP Hope Valley	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
RISP Lincoln	Any Non-White vs. White	Any Non-White	0.4444444	0.6611109	0.227778	0.159	0.354	0.4666364	40
	Hispanic vs. White	Hispanic	0.6	0.8657677	0.3342323	0.314	0.104	0.156	31
	Black vs. White	Black	0.2	0.4601875	0	-0.086	0.648	0.7405714	26
RISP Portsmouth	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
RISP Scituate	Any Non-White vs. White	Any Non-White		1		0			5
	Hispanic vs. White	Hispanic		1		0			5
	Black vs. White	Black		1		0			5
RISP Wickford	Any Non-White vs. White	Any Non-White	0.1428571	0.3980109	0	-0.068	0.643	0.6906297	60
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.211	0.002	0.0077143	53
	Black vs. White	Black	0.25	0.6608775	0	0.039	0.858	0.858	54

Table E. 4: Agency Hit Rate Analysis, 2020

Level	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Scituate	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Smithfield	Any Non-White vs. White	Any Non-White	5.55E-17	1		-0.286	0.101	0.2253077	16
	Hispanic vs. White	Hispanic	0	3.65E-09	0	-0.286	0.131	0.1836	10
	Black vs. White	Black	-5.55E-17	1		-0.286	0.104	0.2269091	15
South Kingstown	Any Non-White vs. White	Any Non-White	-1.11E-16	1		-0.552	0.001	0.0048333	55
	Hispanic vs. White	Hispanic	-1.11E-16	1		-0.552	0.001	0.0045	55
	Black vs. White	Black		1		0			51
Tiverton	Any Non-White vs. White	Any Non-White	0.5581396	0.7123882	0.4038908	-0.098	0.272	0.4151579	193
	Hispanic vs. White	Hispanic	0.7142857	0.9478328	0.4807386	0.058	0.645	0.6698077	161
	Black vs. White	Black	0.516129	0.7053435	0.3269145	-0.14	0.184	0.276	179
Warwick	Any Non-White vs. White	Any Non-White	0.1886792	0.3099313	0.0674272	-0.038	0.638	0.6906297	136
	Hispanic vs. White	Hispanic	0.137931	0.2560864	0.0197757	-0.089	0.267	0.3276818	116
	Black vs. White	Black	0.2045455	0.3903342	0.0187567	-0.022	0.837	0.858	111
West Greenwich	Any Non-White vs. White	Any Non-White	0	1		-0.125	0.094	0.2253077	28
	Hispanic vs. White	Hispanic	0	1		-0.125	0.099	0.156	23
	Black vs. White	Black	0	1		-0.125	0.094	0.2256	28
West Warwick	Any Non-White vs. White	Any Non-White	0.75	1	0.4365949	0.167	0.434	0.5244166	24
	Hispanic vs. White	Hispanic	1	1		0.417	0.008	0.027	18
	Black vs. White	Black	0.75	1	0.4365949	0.167	0.434	0.5482105	24
Westerly	Any Non-White vs. White	Any Non-White	-3.47E-17	3.23E-10	0	-0.041	0.009	0.0372857	244
	Hispanic vs. White	Hispanic	1.39E-17	1		-0.041	0.009	0.027	209
	Black vs. White	Black	6.94E-18	1		-0.041	0.009	0.0432	214
Woonsocket	Any Non-White vs. White	Any Non-White	0.3382353	0.4170062	0.2594644	-0.227	0.001	0.0048333	286
	Hispanic vs. White	Hispanic	0.3095238	0.4076062	0.2114415	-0.256	0.001	0.0045	217
	Black vs. White	Black	0.3928571	0.5223739	0.2633404	-0.172	0.038	0.1013333	185

Table E. 5: Agency Hit Rate Analysis, 2018-20

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Barrington	Any Non-White vs. White	Any Non-White	0.2	0.4554643	0	-0.133	0.651	0.8151765	19
	Hispanic vs. White	Hispanic	0	1		-0.333	0.248	0.4509091	11
	Black vs. White	Black	0.3333333	0.7174572	0	0	1	1	14
Bristol	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.176	0.06	0.205	40
	Hispanic vs. White	Hispanic	0	1		-0.176	0.063	0.2290909	34
	Black vs. White	Black	0	1		-0.176	0.061	0.1786429	38
Burrillville	Any Non-White vs. White	Any Non-White	0.2815534	0.4514621	0.1116447	-0.028	0.763	0.8938	294
	Hispanic vs. White	Hispanic	0.24	0.5126912	0	-0.07	0.627	0.7325714	274
	Black vs. White	Black	0.265625	0.447905	0.083345	-0.044	0.657	0.8162727	282
Central Falls	Any Non-White vs. White	Any Non-White	0.3295195	0.4201465	0.2388925	0.109	0.21	0.4880952	174
	Hispanic vs. White	Hispanic	0.3481229	0.4597971	0.2364486	0.128	0.172	0.3822222	130
	Black vs. White	Black	0.3636364	0.5103149	0.2169578	0.143	0.176	0.3137391	92
Charlestown	Any Non-White vs. White	Any Non-White	0.2941177	0.5739171	0.0143182	-0.085	0.599	0.8151765	60
	Hispanic vs. White	Hispanic	0.5	0.9074249	0.0925751	0.121	0.583	0.7325714	56
	Black vs. White	Black	0.2941177	0.5739171	0.0143182	-0.085	0.599	0.7922258	60
Coventry	Any Non-White vs. White	Any Non-White	-1.39E-17	1		-0.076	0.002	0.0136667	148
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.076	0.002	0.0114286	140
	Black vs. White	Black	-1.39E-17	6.45E-10	0	-0.076	0.002	0.0136667	146
Cranston	Any Non-White vs. White	Any Non-White	0.4318067	0.4856998	0.3779136	0.007	0.865	0.9585135	681
	Hispanic vs. White	Hispanic	0.3884892	0.4646975	0.3122809	-0.036	0.462	0.6844445	492
	Black vs. White	Black	0.4244904	0.4863394	0.3626413	0	0.994	1	589
Cumberland	Any Non-White vs. White	Any Non-White	0.5454546	0.8285783	0.2623308	0.004	0.983	0.983	47
	Hispanic vs. White	Hispanic	0.7142857	1	0.3865738	0.173	0.374	0.6233333	43
	Black vs. White	Black	0.2	0.5602232	0	-0.342	0.107	0.2580588	38
East Greenwich	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.188	0.034	0.1394	25
	Hispanic vs. White	Hispanic	0	1		-0.188	0.037	0.148	22
	Black vs. White	Black	-2.78E-17	1		-0.188	0.034	0.1394	25
East Providence	Any Non-White vs. White	Any Non-White	0.1531424	0.178676	0.1276087	-0.03	0.11	0.3221429	1,825
	Hispanic vs. White	Hispanic	0.1198738	0.1633239	0.0764237	-0.063	0.015	0.075	1,188
	Black vs. White	Black	0.1597252	0.1891614	0.130289	-0.024	0.245	0.3926539	1,611
Foster	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.133	0.092	0.2901539	34
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.133	0.093	0.31	32
	Black vs. White	Black	0	1		-0.133	0.094	0.240875	31
Glocester	Any Non-White vs. White	Any Non-White	0	1		-0.05	0.327	0.582913	31
	Hispanic vs. White	Hispanic	0	1		-0.05	0.328	0.5704348	29
	Black vs. White	Black	0	1		-0.05	0.328	0.4802857	30
Hopkinton	Any Non-White vs. White	Any Non-White	0.1333333	0.2285606	0.0381061	-0.04	0.493	0.7774231	229
	Hispanic vs. White	Hispanic	0.1428571	0.2985897	0	-0.03	0.726	0.7642105	192
	Black vs. White	Black	0.0714286	0.1674961	0	-0.101	0.082	0.2241333	193
Jamestown	Any Non-White vs. White	Any Non-White	0.5652174	0.7084516	0.4219831	-0.086	0.315	0.582913	185
	Hispanic vs. White	Hispanic	0.6363636	0.845659	0.4270684	-0.015	0.896	0.9189744	158
	Black vs. White	Black	0.5714286	0.746067	0.3967901	-0.08	0.423	0.5781	167
Johnston	Any Non-White vs. White	Any Non-White	0.5753425	0.8021665	0.3485184	0.356	0.011	0.056375	64
	Hispanic vs. White	Hispanic	0.4736842	0.787411	0.1599575	0.255	0.153	0.3811765	55
	Black vs. White	Black	0.5853658	0.9108945	0.2598372	0.366	0.048	0.164	53
Lincoln	Any Non-White vs. White	Any Non-White	0.1	0.235001	0	-0.054	0.659	0.8151765	45
	Hispanic vs. White	Hispanic	0.1666667	0.3899746	0	0.013	0.933	0.933	34
	Black vs. White	Black	0	1		-0.154	0.135	0.3075	33
Little Compton	Any Non-White vs. White	Any Non-White	1.39E-17	1		-0.068	0.144	0.3936	82
	Hispanic vs. White	Hispanic	0	1.29E-09	0	-0.068	0.145	0.3811765	72
	Black vs. White	Black	0	1		-0.068	0.144	0.3107368	79
Middletown	Any Non-White vs. White	Any Non-White	0.1	0.1675388	0.0324612	0.005	0.899	0.9699737	247
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.095	0.001	0.0066667	199
	Black vs. White	Black	0.1666667	0.2745262	0.0588071	0.072	0.235	0.3926539	219
Narragansett	Any Non-White vs. White	Any Non-White	0.2362637	0.3529594	0.119568	-0.006	0.931	0.9787436	195
	Hispanic vs. White	Hispanic	0.3050847	0.536107	0.0740625	0.063	0.616	0.7325714	156
	Black vs. White	Black	0.2136752	0.3508911	0.0764593	-0.029	0.721	0.8446	174
Newport	Any Non-White vs. White	Any Non-White	0.0464967	0.0784634	0.01453	-0.006	0.802	0.9133888	418
	Hispanic vs. White	Hispanic	0.1016949	0.2129976	0	0.049	0.414	0.6624	232
	Black vs. White	Black	0.0432982	0.0741828	0.0124136	-0.009	0.701	0.8446	383
North Kingstown	Any Non-White vs. White	Any Non-White	0.5333334	0.7280424	0.3386242	-0.045	0.676	0.8151765	234
	Hispanic vs. White	Hispanic	0.6363636	0.8696103	0.403117	0.058	0.641	0.7325714	225
	Black vs. White	Black	0.2	0.4180965	0	-0.378	0.002	0.0136667	215
North Providence	Any Non-White vs. White	Any Non-White	0.0697674	0.1656474	0	-0.118	0.244	0.4880952	51
	Hispanic vs. White	Hispanic	0.12	0.2850101	0	-0.067	0.583	0.7325714	37
	Black vs. White	Black	0	1.83E-09	0	-0.187	0.039	0.1453636	38
North Smithfield	Any Non-White vs. White	Any Non-White	0.15	0.2582849	0.0417151	-0.136	0.25	0.4880952	69
	Hispanic vs. White	Hispanic	0.1285714	0.2693159	0	-0.157	0.219	0.448	50
	Black vs. White	Black	0.113924	0.2261753	0.0016728	-0.172	0.153	0.31365	55
Pawtucket	Any Non-White vs. White	Any Non-White	0.1784615	0.2276581	0.1292649	-0.025	0.62	0.8151765	420
	Hispanic vs. White	Hispanic	0.2280702	0.3128552	0.1432851	0.025	0.691	0.7642105	207
	Black vs. White	Black	0.1606426	0.2159853	0.1052999	-0.043	0.411	0.5781	350

Table E. 5: Agency Hit Rate Analysis, 2018-20

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Portsmouth	Any Non-White vs. White	Any Non-White	0.52	0.8101615	0.2298385	0.13	0.447	0.73308	53
	Hispanic vs. White	Hispanic	0.5	0.921878	0.0781219	0.11	0.636	0.7325714	45
	Black vs. White	Black	0.4375	0.7614766	0.1135234	0.048	0.798	0.9088333	49
Providence	Any Non-White vs. White	Any Non-White	0.1041723	0.1128653	0.0954794	-0.053	0.001	0.01025	6,925
	Hispanic vs. White	Hispanic	0.094705	0.106052	0.083358	-0.062	0.001	0.0066667	4,170
	Black vs. White	Black	0.1095359	0.1208348	0.0982371	-0.048	0.002	0.0117143	4,556
Richmond	Any Non-White vs. White	Any Non-White	0	1.29E-09	0	-0.069	0.161	0.4125625	45
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.069	0.162	0.3811765	42
	Black vs. White	Black	0	1		-0.069	0.163	0.3137391	40
RISP Hope Valley	Any Non-White vs. White	Any Non-White	3.33E-16	1		-0.283	0.001	0.01025	156
	Hispanic vs. White	Hispanic	5.55E-17	1		-0.283	0.001	0.0066667	121
	Black vs. White	Black	-1.67E-16	1		-0.283	0.001	0.01025	110
RISP Lincoln	Any Non-White vs. White	Any Non-White	0.5147059	0.6066142	0.4227975	-0.028	0.675	0.8151765	261
	Hispanic vs. White	Hispanic	0.6315789	0.7473834	0.5157745	0.089	0.241	0.4509091	205
	Black vs. White	Black	0.4545454	0.5717191	0.3373719	-0.088	0.249	0.3926539	208
RISP Portsmouth	Any Non-White vs. White	Any Non-White	-2.22E-16	5.32E-16	0	-1	0.001	0.01025	3
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black	-2.22E-16	5.32E-16	0	-1	0.001	0.01025	3
RISP Scituate	Any Non-White vs. White	Any Non-White	0.5	0.8223851	0.1776149	0.233	0.236	0.4880952	34
	Hispanic vs. White	Hispanic	0.75	1	0.4308948	0.483	0.018	0.08	30
	Black vs. White	Black	0.25	0.6678633	0	-0.017	0.944	1	29
RISP Wickford	Any Non-White vs. White	Any Non-White	0.25	0.3601863	0.1398137	-0.063	0.378	0.64575	187
	Hispanic vs. White	Hispanic	0.2105263	0.3507054	0.0703473	-0.103	0.224	0.448	158
	Black vs. White	Black	0.2727273	0.4163651	0.1290894	-0.041	0.636	0.8148749	163
Scituate	Any Non-White vs. White	Any Non-White	-1.11E-16	1		-0.364	0.001	0.01025	57
	Hispanic vs. White	Hispanic	-1.11E-16	1		-0.364	0.001	0.0066667	57
	Black vs. White	Black	-5.55E-17	1.83E-09	0	-0.364	0.001	0.01025	54
Smithfield	Any Non-White vs. White	Any Non-White	0.3636364	0.6286972	0.0985756	0.19	0.219	0.4880952	49
	Hispanic vs. White	Hispanic	0.4285714	1	0	0.255	0.444	0.6830769	36
	Black vs. White	Black	0.3333333	0.6142054	0.0524612	0.159	0.323	0.4802857	47
South Kingstown	Any Non-White vs. White	Any Non-White	0.5308219	0.6703897	0.3912542	0.034	0.671	0.8151765	270
	Hispanic vs. White	Hispanic	0.5454546	0.7964489	0.2944602	0.049	0.714	0.7642105	229
	Black vs. White	Black	0.4847909	0.6566231	0.3129587	-0.012	0.903	1	249
Tiverton	Any Non-White vs. White	Any Non-White	0.3974763	0.4900495	0.3049032	-0.14	0.011	0.056375	471
	Hispanic vs. White	Hispanic	0.4864865	0.6404136	0.3325594	-0.051	0.538	0.7325714	391
	Black vs. White	Black	0.3577982	0.4704507	0.2451456	-0.18	0.005	0.025625	433
Warwick	Any Non-White vs. White	Any Non-White	0.2222222	0.3040852	0.1403592	-0.126	0.024	0.1093333	321
	Hispanic vs. White	Hispanic	0.248062	0.3490793	0.1470447	-0.1	0.114	0.3507692	271
	Black vs. White	Black	0.1694118	0.285618	0.0532055	-0.179	0.011	0.0501111	260
West Greenwich	Any Non-White vs. White	Any Non-White	0.2222222	0.4501467	0	0.064	0.596	0.8151765	145
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.158	0.001	0.0066667	132
	Black vs. White	Black	0.4	0.7366256	0.0633744	0.242	0.169	0.3137391	137
West Warwick	Any Non-White vs. White	Any Non-White	0.4210526	0.5742896	0.2678157	-0.003	0.977	0.983	153
	Hispanic vs. White	Hispanic	0.5	0.7520288	0.2479712	0.076	0.583	0.7325714	128
	Black vs. White	Black	0.4285714	0.605511	0.2516318	0.005	0.963	1	142
Westerly	Any Non-White vs. White	Any Non-White	0.0202703	0.0444949	0	-0.063	0.002	0.0136667	487
	Hispanic vs. White	Hispanic	0	1		-0.084	0.001	0.0066667	402
	Black vs. White	Black	0.0152672	0.0450421	0	-0.068	0.003	0.0175714	446
Woonsocket	Any Non-White vs. White	Any Non-White	0.4150943	0.4647253	0.3654634	0.073	0.051	0.1900909	838
	Hispanic vs. White	Hispanic	0.4039088	0.4653996	0.342418	0.062	0.139	0.3811765	666
	Black vs. White	Black	0.4382022	0.5208555	0.3555489	0.096	0.057	0.1786429	532

Table E. 6: Agency Hit Rate Analysis, 2020 (Frisk Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.143	0.314	0.4455	17
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.143	0.33	0.3586957	13
	Black vs. White	Black	2.78E-17	1		-0.143	0.317	0.4981429	16
Burrillville	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.413	0.001	0.0045	112
	Hispanic vs. White	Hispanic	-5.55E-17	1		-0.413	0.001	0.0041667	112
	Black vs. White	Black	0	1		-0.413	0.001	0.0055	109
Central Falls	Any Non-White vs. White	Any Non-White	0.375	0.5624354	0.1875646	0.175	0.378	0.486	47
	Hispanic vs. White	Hispanic	0.4444444	0.6983985	0.1904904	0.244	0.267	0.3170455	34
	Black vs. White	Black	0.3529412	0.5955968	0.1102856	0.153	0.482	0.671	27
Charlestown	Any Non-White vs. White	Any Non-White	0	1		0			13
	Hispanic vs. White	Hispanic		1		0			11
	Black vs. White	Black	0	1		0			13
Coventry	Any Non-White vs. White	Any Non-White	-1.39E-17	1		-0.089	0.021	0.063	70
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.089	0.021	0.0525	64
	Black vs. White	Black	-1.39E-17	1		-0.089	0.021	0.05775	70
Cranston	Any Non-White vs. White	Any Non-White	0.8461539	0.9892557	0.703052	0.246	0.109	0.1962	43
	Hispanic vs. White	Hispanic	0.8363636	1	0.6617477	0.236	0.147	0.2041667	36
	Black vs. White	Black	0.9333333	1	0.8037815	0.333	0.031	0.0682	34
Cumberland	Any Non-White vs. White	Any Non-White	1	1		0.5	0.095	0.1870714	9
	Hispanic vs. White	Hispanic	1	1		0.5	0.095	0.165	9
	Black vs. White	Black		1		0			6
East Greenwich	Any Non-White vs. White	Any Non-White		1		0			5
	Hispanic vs. White	Hispanic		1		0			5
	Black vs. White	Black		1		0			5
East Providence	Any Non-White vs. White	Any Non-White	0.3339449	0.4286598	0.2392301	0.049	0.434	0.5326363	263
	Hispanic vs. White	Hispanic	0.2615384	0.4171162	0.1059607	-0.023	0.793	0.802	184
	Black vs. White	Black	0.3246445	0.4285127	0.2207764	0.04	0.549	0.671	239
Foster	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.25	0.078	0.1870714	19
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.25	0.078	0.15	19
	Black vs. White	Black		1		0			16
Glocester	Any Non-White vs. White	Any Non-White		1		0			7
	Hispanic vs. White	Hispanic		1		0			7
	Black vs. White	Black		1		0			7
Hopkinton	Any Non-White vs. White	Any Non-White	5.55E-17	1		-0.286	0.001	0.0045	52
	Hispanic vs. White	Hispanic	0	1		-0.286	0.001	0.0041667	50
	Black vs. White	Black	0	1		-0.286	0.001	0.0055	45
Jamestown	Any Non-White vs. White	Any Non-White	1	1		0.368	0.001	0.0045	50
	Hispanic vs. White	Hispanic	1	1		0.368	0.001	0.0041667	46
	Black vs. White	Black	1	1		0.368	0.001	0.0055	46
Johnston	Any Non-White vs. White	Any Non-White		1					5
	Hispanic vs. White	Hispanic		1					5
Lincoln	Any Non-White vs. White	Any Non-White	0.25	1		0.25	0.147	0.2334706	15
	Hispanic vs. White	Hispanic	0.5	1	0	0.5	0.111	0.1734375	10
	Black vs. White	Black	0	1		0			11
Little Compton	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
Middletown	Any Non-White vs. White	Any Non-White	0.1111111	0.2579042	0	0.111	0.142	0.2334706	76
	Hispanic vs. White	Hispanic	0	1		0			63
	Black vs. White	Black	0.2	0.445279	0	0.2	0.115	0.1946154	68
Narragansett	Any Non-White vs. White	Any Non-White	0.2142857	0.4356793	0	-0.214	0.33	0.4455	27
	Hispanic vs. White	Hispanic	0.1818182	0.3903869	0	-0.247	0.263	0.3170455	21
	Black vs. White	Black	0.3529412	0.8948231	0	-0.076	0.826	0.858	14
Newport	Any Non-White vs. White	Any Non-White	0.0483871	0.1414024	0	0.048	0.312	0.4455	61
	Hispanic vs. White	Hispanic	0.1714286	0.4754089	0	0.171	0.279	0.3170455	29
	Black vs. White	Black	0	1		0			53
North Kingstown	Any Non-White vs. White	Any Non-White	1	1		0.516	0.001	0.0045	74
	Hispanic vs. White	Hispanic	1	1		0.516	0.001	0.0041667	74
	Black vs. White	Black	1	1		0.516	0.001	0.0055	71
North Providence	Any Non-White vs. White	Any Non-White	0	1		0			10
	Hispanic vs. White	Hispanic	0	1		0			9
	Black vs. White	Black	0	1		0			7
North Smithfield	Any Non-White vs. White	Any Non-White		1					4
	Hispanic vs. White	Hispanic		1					3
Pawtucket	Any Non-White vs. White	Any Non-White	0.1875	0.3058361	0.0691639	-0.013	0.908	0.908	102
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.2	0.032	0.0727273	51
	Black vs. White	Black	0.24	0.3838504	0.0961496	0.04	0.731	0.8041	89

Table E. 6: Agency Hit Rate Analysis, 2020 (Frisk Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Portsmouth	Any Non-White vs. White	Any Non-White		1					2
	Black vs. White	Black		1					2
Providence	Any Non-White vs. White	Any Non-White	0.0922367	0.1101833	0.0742902	-0.057	0.053	0.1431	1,585
	Hispanic vs. White	Hispanic	0.0887031	0.1136917	0.0637144	-0.061	0.049	0.1020833	952
	Black vs. White	Black	0.0932369	0.1155482	0.0709256	-0.056	0.064	0.1408	1,053
Richmond	Any Non-White vs. White	Any Non-White	0	1		0			29
	Hispanic vs. White	Hispanic	0	1		0			27
	Black vs. White	Black	0	1		0			26
RISP Hope Valley	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
RISP Lincoln	Any Non-White vs. White	Any Non-White	0.4444444	0.6617472	0.2271416	0.111	0.554	0.62325	36
	Hispanic vs. White	Hispanic	0.6	0.8671358	0.3328642	0.267	0.202	0.2657895	27
	Black vs. White	Black	0.2	0.4621813	0	-0.133	0.518	0.671	22
RISP Portsmouth	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
RISP Scituate	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
RISP Wickford	Any Non-White vs. White	Any Non-White	0.1666667	0.4589851	0	-0.044	0.788	0.8183077	58
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.211	0.002	0.0071429	51
	Black vs. White	Black	0.25	0.6608775	0	0.039	0.858	0.858	54
Scituate	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Smithfield	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.333	0.097	0.1870714	14
	Hispanic vs. White	Hispanic	0	5.16E-09	0	-0.333	0.13	0.1911765	9
	Black vs. White	Black	0	1		-0.333	0.101	0.1851667	13
South Kingstown	Any Non-White vs. White	Any Non-White	-1.11E-16	1		-0.552	0.001	0.0045	55
	Hispanic vs. White	Hispanic	-1.11E-16	1		-0.552	0.001	0.0041667	55
	Black vs. White	Black		1		0			51
Tiverton	Any Non-White vs. White	Any Non-White	0.4571429	0.6207757	0.29351	-0.182	0.056	0.1512	161
	Hispanic vs. White	Hispanic	0.6	0.8920708	0.3079292	-0.039	0.802	0.802	131
	Black vs. White	Black	0.4	0.595053	0.204947	-0.239	0.03	0.0682	149
Warwick	Any Non-White vs. White	Any Non-White	0.2285714	0.391366	0.0657768	-0.036	0.721	0.77868	108
	Hispanic vs. White	Hispanic	0.1	0.210567	0	-0.165	0.046	0.0958333	97
	Black vs. White	Black	0.3272727	0.5971117	0.0574337	0.062	0.679	0.7862105	89
West Greenwich	Any Non-White vs. White	Any Non-White	0	1		-0.125	0.094	0.1870714	28
	Hispanic vs. White	Hispanic	0	1		-0.125	0.099	0.165	23
	Black vs. White	Black	0	1		-0.125	0.094	0.1851667	28
West Warwick	Any Non-White vs. White	Any Non-White	0.5	1	0	-0.2	0.526	0.6174783	16
	Hispanic vs. White	Hispanic		1		0			12
	Black vs. White	Black	0.5	1	0	-0.2	0.526	0.671	16
Westerly	Any Non-White vs. White	Any Non-White	1.39E-17	1		-0.046	0.009	0.0347143	215
	Hispanic vs. White	Hispanic	0	4.56E-10	0	-0.046	0.009	0.0277778	184
	Black vs. White	Black	6.94E-18	1		-0.046	0.009	0.0396	188
Woonsocket	Any Non-White vs. White	Any Non-White	0.3283582	0.4059522	0.2507642	-0.237	0.001	0.0045	285
	Hispanic vs. White	Hispanic	0.2926829	0.3873087	0.1980571	-0.273	0.001	0.0041667	216
	Black vs. White	Black	0.3703704	0.4980636	0.2426772	-0.195	0.018	0.0565714	184

Table E. 7: Agency Hit Rate Analysis, 2018-20 (Frisk Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Barrington	Any Non-White vs. White	Any Non-White	0.2	0.4554643	0	-0.133	0.651	0.7637714	19
	Hispanic vs. White	Hispanic	0	1		-0.333	0.248	0.4396363	11
	Black vs. White	Black	0.3333333	0.7174572	0	0	1	1	14
Bristol	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.2	0.059	0.2199091	33
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.2	0.061	0.2162727	29
	Black vs. White	Black	0	1		-0.2	0.06	0.205	31
Burrillville	Any Non-White vs. White	Any Non-White	0.3186813	0.5051916	0.132171	-0.036	0.721	0.8211389	255
	Hispanic vs. White	Hispanic	0.2727273	0.5730587	0	-0.082	0.601	0.7324688	238
	Black vs. White	Black	0.2931035	0.4908959	0.095311	-0.062	0.564	0.7007273	245
Central Falls	Any Non-White vs. White	Any Non-White	0.3554007	0.466968	0.2438334	0.115	0.277	0.5162273	124
	Hispanic vs. White	Hispanic	0.4019139	0.5376641	0.2661636	0.162	0.155	0.3716471	98
	Black vs. White	Black	0.3030303	0.4706771	0.1353835	0.063	0.613	0.7392058	65
Charlestown	Any Non-White vs. White	Any Non-White	0.2941177	0.5741713	0.014064	-0.074	0.645	0.7637714	57
	Hispanic vs. White	Hispanic	0.5	0.9078526	0.0921473	0.132	0.554	0.6969678	53
	Black vs. White	Black	0.2941177	0.5741713	0.014064	-0.074	0.645	0.7555714	57
Coventry	Any Non-White vs. White	Any Non-White	1.39E-17	1		-0.082	0.002	0.0136667	134
	Hispanic vs. White	Hispanic	0	1		-0.082	0.002	0.00975	126
	Black vs. White	Black	-2.78E-17	1		-0.082	0.002	0.01025	133
Cranston	Any Non-White vs. White	Any Non-White	0.4366629	0.4909469	0.3823789	0.006	0.88	0.9366923	668
	Hispanic vs. White	Hispanic	0.3925234	0.469324	0.3157227	-0.038	0.448	0.6038276	481
	Black vs. White	Black	0.4298553	0.4921899	0.3675208	-0.001	0.99	1	577
Cumberland	Any Non-White vs. White	Any Non-White	0.8	1	0.4458314	0.094	0.652	0.7637714	29
	Hispanic vs. White	Hispanic	0.8	1	0.4458314	0.094	0.652	0.7478824	29
	Black vs. White	Black	-1.11E-16	2.58E-09	0	-0.706	0.001	0.0058571	23
East Greenwich	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.2	0.132	0.3183529	13
	Hispanic vs. White	Hispanic		1		0			11
	Black vs. White	Black	-2.78E-17	1		-0.2	0.132	0.2848421	13
East Providence	Any Non-White vs. White	Any Non-White	0.1611461	0.1878316	0.1344607	-0.03	0.13	0.3183529	1,742
	Hispanic vs. White	Hispanic	0.1285231	0.1747597	0.0822865	-0.062	0.024	0.104	1,125
	Black vs. White	Black	0.166592	0.1971128	0.1360712	-0.024	0.248	0.40672	1,541
Foster	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.133	0.092	0.2901539	34
	Hispanic vs. White	Hispanic	2.78E-17	1		-0.133	0.093	0.279	32
	Black vs. White	Black	0	1		-0.133	0.094	0.2706	31
Glocester	Any Non-White vs. White	Any Non-White	0	1		-0.077	0.335	0.5494	19
	Hispanic vs. White	Hispanic	0	1		-0.077	0.335	0.5226	19
	Black vs. White	Black	0	1		-0.077	0.335	0.4905357	19
Hopkinton	Any Non-White vs. White	Any Non-White	0.137931	0.2359089	0.0399531	-0.037	0.53	0.7493103	227
	Hispanic vs. White	Hispanic	0.1428571	0.298594	0	-0.032	0.707	0.7673513	191
	Black vs. White	Black	0.0769231	0.179781	0	-0.098	0.11	0.281875	191
Jamestown	Any Non-White vs. White	Any Non-White	0.5652174	0.7084516	0.4219831	-0.086	0.315	0.5494	185
	Hispanic vs. White	Hispanic	0.6363636	0.845659	0.4270684	-0.015	0.896	0.896	158
	Black vs. White	Black	0.5714286	0.746067	0.3967901	-0.08	0.423	0.5594516	167
Johnston	Any Non-White vs. White	Any Non-White	0.6086956	0.841509	0.3758822	0.352	0.018	0.09225	56
	Hispanic vs. White	Hispanic	0.5	0.8266667	0.1733333	0.244	0.196	0.3822	48
	Black vs. White	Black	0.6153846	0.9503681	0.2804011	0.359	0.065	0.205	46
Lincoln	Any Non-White vs. White	Any Non-White	0.1428571	0.3289276	0	-0.039	0.795	0.880946	38
	Hispanic vs. White	Hispanic	0.25	0.55625	0	0.068	0.728	0.7673513	30
	Black vs. White	Black	5.55E-17	3.65E-09	0	-0.182	0.128	0.2848421	28
Little Compton	Any Non-White vs. White	Any Non-White	1.39E-17	1		-0.068	0.144	0.328	82
	Hispanic vs. White	Hispanic	0	1.29E-09	0	-0.068	0.145	0.3716471	72
	Black vs. White	Black	0	1		-0.068	0.144	0.2952	79
Middletown	Any Non-White vs. White	Any Non-White	0.1	0.1675422	0.0324578	0.001	0.974	0.974	244
	Hispanic vs. White	Hispanic	1.39E-17	6.45E-10	0	-0.099	0.001	0.0055714	196
	Black vs. White	Black	0.1666667	0.2745331	0.0588002	0.068	0.265	0.4178846	216
Narragansett	Any Non-White vs. White	Any Non-White	0.21	0.3610725	0.0589275	-0.235	0.044	0.1804	76
	Hispanic vs. White	Hispanic	0.2666667	0.4900563	0.0432771	-0.179	0.215	0.3992857	59
	Black vs. White	Black	0.1636364	0.372559	0	-0.282	0.043	0.1763	61
Newport	Any Non-White vs. White	Any Non-White	0.0599401	0.1062517	0.0136284	0.005	0.891	0.9366923	279
	Hispanic vs. White	Hispanic	0.1311475	0.2964795	0	0.076	0.389	0.5633333	155
	Black vs. White	Black	0.0537474	0.0978816	0.0096132	-0.002	0.963	1	255
North Kingstown	Any Non-White vs. White	Any Non-White	0.5333334	0.7280684	0.3385983	-0.059	0.582	0.7637714	227
	Hispanic vs. White	Hispanic	0.6363636	0.8696439	0.4030834	0.044	0.725	0.7673513	218
	Black vs. White	Black	0.2	0.418131	0	-0.392	0.001	0.0058571	208
North Providence	Any Non-White vs. White	Any Non-White	1.11E-16	1		-0.273	0.107	0.3116	31
	Hispanic vs. White	Hispanic	0	1		-0.273	0.119	0.3315	21
	Black vs. White	Black	5.55E-17	1		-0.273	0.119	0.2848421	21
North Smithfield	Any Non-White vs. White	Any Non-White	0.2666667	0.4822788	0.0510545	-0.081	0.622	0.7637714	40
	Hispanic vs. White	Hispanic	0.1578947	0.4469796	0	-0.19	0.329	0.5226	30
	Black vs. White	Black	0.2903226	0.5585589	0.0220862	-0.058	0.755	0.8598611	34
Pawtucket	Any Non-White vs. White	Any Non-White	0.1898305	0.2423231	0.1373379	-0.038	0.492	0.7204286	386
	Hispanic vs. White	Hispanic	0.245283	0.3355514	0.1550146	0.018	0.793	0.8138684	193
	Black vs. White	Black	0.1704036	0.2297334	0.1110738	-0.057	0.314	0.4768148	320

Table E. 7: Agency Hit Rate Analysis, 2018-20 (Frisk Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Portsmouth	Any Non-White vs. White	Any Non-White	0.52	0.8101615	0.2298385	0.13	0.447	0.6787778	53
	Hispanic vs. White	Hispanic	0.5	0.921878	0.0781219	0.11	0.636	0.7478824	45
	Black vs. White	Black	0.4375	0.7614766	0.1135234	0.048	0.798	0.8842703	49
Providence	Any Non-White vs. White	Any Non-White	0.104435	0.1132445	0.0956255	-0.056	0.001	0.0082	6,758
	Hispanic vs. White	Hispanic	0.0943239	0.105779	0.0828689	-0.066	0.001	0.0055714	4,072
	Black vs. White	Black	0.1107134	0.1222136	0.0992133	-0.05	0.001	0.0058571	4,441
Richmond	Any Non-White vs. White	Any Non-White	-1.39E-17	1		-0.069	0.161	0.3474211	44
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.069	0.162	0.3716471	42
	Black vs. White	Black	-1.39E-17	1		-0.069	0.163	0.3119565	39
RISP Hope Valley	Any Non-White vs. White	Any Non-White	2.78E-16	1		-0.406	0.001	0.0082	92
	Hispanic vs. White	Hispanic	-1.11E-16	1		-0.406	0.001	0.0055714	82
	Black vs. White	Black	-5.55E-17	1		-0.406	0.001	0.0058571	77
RISP Lincoln	Any Non-White vs. White	Any Non-White	0.5555556	0.6498742	0.4612369	-0.053	0.442	0.6787778	233
	Hispanic vs. White	Hispanic	0.6666667	0.7806262	0.5527071	0.058	0.449	0.6038276	183
	Black vs. White	Black	0.5128205	0.6374229	0.3882182	-0.096	0.236	0.4031667	180
RISP Portsmouth	Any Non-White vs. White	Any Non-White	-2.22E-16	5.32E-16	0	-1	0.001	0.0082	3
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black	-2.22E-16	5.32E-16	0	-1	0.001	0.0058571	3
RISP Scituate	Any Non-White vs. White	Any Non-White	0.6	0.9744982	0.2255018	0.327	0.171	0.35055	23
	Hispanic vs. White	Hispanic	0.75	1	0.4266681	0.477	0.034	0.1326	22
	Black vs. White	Black	0.3333333	0.8750487	0	0.061	0.845	0.9117106	18
RISP Wickford	Any Non-White vs. White	Any Non-White	0.2647059	0.3804813	0.1489305	-0.074	0.33	0.5494	177
	Hispanic vs. White	Hispanic	0.2222222	0.3698227	0.0746217	-0.116	0.193	0.3822	149
	Black vs. White	Black	0.2857143	0.4346523	0.1367763	-0.053	0.555	0.7007273	155
Scituate	Any Non-White vs. White	Any Non-White	-5.55E-17	1		-0.381	0.001	0.0082	56
	Hispanic vs. White	Hispanic	-5.55E-17	1		-0.381	0.001	0.0055714	56
	Black vs. White	Black	-5.55E-17	1		-0.381	0.001	0.0058571	53
Smithfield	Any Non-White vs. White	Any Non-White	0.4	0.6821119	0.1178882	0.267	0.114	0.3116	35
	Hispanic vs. White	Hispanic	0.4285714	1	0	0.295	0.39	0.5633333	23
	Black vs. White	Black	0.375	0.6788947	0.0711053	0.242	0.175	0.3119565	33
South Kingstown	Any Non-White vs. White	Any Non-White	0.5152672	0.6601955	0.3703388	0.005	0.951	0.974	259
	Hispanic vs. White	Hispanic	0.6	0.8536736	0.3463264	0.09	0.506	0.6578	222
	Black vs. White	Black	0.4184549	0.5938287	0.2430811	-0.092	0.347	0.4905862	239
Tiverton	Any Non-White vs. White	Any Non-White	0.3344948	0.4246905	0.2442991	-0.187	0.001	0.0082	432
	Hispanic vs. White	Hispanic	0.4242424	0.5835918	0.2648931	-0.097	0.263	0.4459565	356
	Black vs. White	Black	0.2783505	0.3837546	0.1729464	-0.243	0.001	0.0058571	396
Warwick	Any Non-White vs. White	Any Non-White	0.254902	0.3502124	0.1595916	-0.131	0.036	0.164	285
	Hispanic vs. White	Hispanic	0.2616822	0.3718445	0.15152	-0.124	0.07	0.2275	246
	Black vs. White	Black	0.2229102	0.3691825	0.0766379	-0.163	0.054	0.2012727	230
West Greenwich	Any Non-White vs. White	Any Non-White	0.2222222	0.4501467	0	0.064	0.596	0.7637714	145
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.158	0.001	0.0055714	132
	Black vs. White	Black	0.4	0.7366256	0.0633744	0.242	0.169	0.3119565	137
West Warwick	Any Non-White vs. White	Any Non-White	0.2857143	0.5167399	0.0546887	-0.179	0.228	0.4451429	56
	Hispanic vs. White	Hispanic	0	1.83E-09	0	-0.464	0.001	0.0055714	42
	Black vs. White	Black	0.3333333	0.5854678	0.0811989	-0.131	0.403	0.5507666	55
Westerly	Any Non-White vs. White	Any Non-White	0.0243408	0.0534102	0	-0.064	0.007	0.041	422
	Hispanic vs. White	Hispanic	-1.39E-17	4.56E-10	0	-0.088	0.001	0.0055714	351
	Black vs. White	Black	0.0186916	0.0551026	0	-0.07	0.008	0.0364444	387
Woonsocket	Any Non-White vs. White	Any Non-White	0.413646	0.4637163	0.3635758	0.068	0.072	0.246	827
	Hispanic vs. White	Hispanic	0.4026403	0.4643613	0.3409192	0.057	0.176	0.3813333	661
	Black vs. White	Black	0.4302326	0.5143691	0.346096	0.084	0.099	0.2706	523

Table E. 8: Agency Hit Rate Analysis, 2020 (Consent Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
Bristol	Any Non-White vs. White	Any Non-White	0	1		0			9
	Hispanic vs. White	Hispanic		1		0			6
	Black vs. White	Black	0	1		0			9
Burrillville	Any Non-White vs. White	Any Non-White	0	1		-0.167	0.015	0.05	36
	Hispanic vs. White	Hispanic	0	1		-0.167	0.015	0.075	36
	Black vs. White	Black	0	1		-0.167	0.015	0.0675	36
Central Falls	Any Non-White vs. White	Any Non-White	0.3	0.4603451	0.1396549	0.3	0.001	0.01	51
	Hispanic vs. White	Hispanic	0.25	0.4544135	0.0455865	0.25	0.023	0.0766667	33
	Black vs. White	Black	0.4210526	0.6563064	0.1857988	0.421	0.002	0.018	29
Charlestown	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Coventry	Any Non-White vs. White	Any Non-White		1		0			4
	Hispanic vs. White	Hispanic		1		0			4
	Black vs. White	Black		1		0			4
Cranston	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Cumberland	Any Non-White vs. White	Any Non-White	0	1		0			2
	Black vs. White	Black	0	1		0			2
East Greenwich	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
East Providence	Any Non-White vs. White	Any Non-White	0.2040816	0.3161745	0.0919888	-0.02	0.806	0.876	114
	Hispanic vs. White	Hispanic	0.15	0.3064445	0	-0.074	0.454	0.6485714	82
	Black vs. White	Black	0.1916168	0.3155168	0.0677167	-0.032	0.705	0.793125	101
Foster	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Hopkinton	Any Non-White vs. White	Any Non-White		1		0			2
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black		1		0			2
Johnston	Any Non-White vs. White	Any Non-White		1					3
	Hispanic vs. White	Hispanic		1					3
Middletown	Any Non-White vs. White	Any Non-White	0	1		0			12
	Hispanic vs. White	Hispanic	0	1		0			9
	Black vs. White	Black	0	1		0			10
Narragansett	Any Non-White vs. White	Any Non-White	0.2307692	0.3983636	0.0631748	0.047	0.635	0.876	87
	Hispanic vs. White	Hispanic	0.2666667	0.5284551	0.0048782	0.083	0.562	0.7025	70
	Black vs. White	Black	0.2553191	0.5196303	0	0.072	0.62	0.793125	69
Newport	Any Non-White vs. White	Any Non-White	0	1		0			71
	Hispanic vs. White	Hispanic	0	1		0			42
	Black vs. White	Black	0	1		0			60
North Kingstown	Any Non-White vs. White	Any Non-White		1		0			5
	Hispanic vs. White	Hispanic		1		0			5
	Black vs. White	Black		1		0			5
North Providence	Any Non-White vs. White	Any Non-White	0	1		0			6
	Hispanic vs. White	Hispanic	0	1		0			4
	Black vs. White	Black	0	1		0			3
North Smithfield	Any Non-White vs. White	Any Non-White	0.125	0.3008003	0	0.125	0.185	0.37	16
	Hispanic vs. White	Hispanic	0.1818182	0.4421515	0	0.182	0.204	0.408	11
	Black vs. White	Black	0	1		0			7
Pawtucket	Any Non-White vs. White	Any Non-White	0	1		0			28
	Hispanic vs. White	Hispanic	0	1		0			14
	Black vs. White	Black	0	1		0			24
Providence	Any Non-White vs. White	Any Non-White	0.1885246	0.2964462	0.0806029	0.153	0.024	0.0675	74
	Hispanic vs. White	Hispanic	0.375	0.5886829	0.1613171	0.339	0.006	0.06	39
	Black vs. White	Black	0.1019108	0.2100821	0	0.066	0.323	0.5814	49
Richmond	Any Non-White vs. White	Any Non-White		1		0			9
	Hispanic vs. White	Hispanic		1		0			9
	Black vs. White	Black		1		0			9
RISP Hope Valley	Any Non-White vs. White	Any Non-White		1		0			6
	Hispanic vs. White	Hispanic		1		0			6
	Black vs. White	Black		1		0			6
RISP Lincoln	Any Non-White vs. White	Any Non-White	1	1		1			11
	Hispanic vs. White	Hispanic	1	1		1			11
	Black vs. White	Black		1		0			7

Table E. 8: Agency Hit Rate Analysis, 2020 (Consent Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
RISP Scituate	Any Non-White vs. White	Any Non-White		1		0			3
	Hispanic vs. White	Hispanic		1		0			3
	Black vs. White	Black		1		0			3
RISP Wickford	Any Non-White vs. White	Any Non-White	0	1		0			7
	Hispanic vs. White	Hispanic	0	1		0			6
	Black vs. White	Black	0	1		0			5
Smithfield	Any Non-White vs. White	Any Non-White	0	1		0			3
	Hispanic vs. White	Hispanic		1		0			2
	Black vs. White	Black	0	1		0			3
South Kingstown	Any Non-White vs. White	Any Non-White	0	1		0			16
	Hispanic vs. White	Hispanic	0	1		0			16
	Black vs. White	Black		1		0			13
Tiverton	Any Non-White vs. White	Any Non-White	0.7142857	0.8778224	0.5507491	-0.015	0.876	0.876	112
	Hispanic vs. White	Hispanic	0.6666667	0.9324712	0.4008622	-0.063	0.666	0.74	95
	Black vs. White	Black	0.7777778	0.952889	0.6026666	0.048	0.645	0.793125	101
Warwick	Any Non-White vs. White	Any Non-White	0.0714286	0.1695897	0	-0.019	0.847	0.876	46
	Hispanic vs. White	Hispanic	0.1333333	0.3138352	0	0.042	0.741	0.741	33
	Black vs. White	Black	0	1		-0.091	0.307	0.5526	37
West Warwick	Any Non-White vs. White	Any Non-White	1	1		0.5	0.027	0.0675	12
	Hispanic vs. White	Hispanic	1	1		0.5	0.035	0.0875	10
	Black vs. White	Black	1	1		0.5	0.027	0.081	12
Westerly	Any Non-White vs. White	Any Non-White	0	1		0			91
	Hispanic vs. White	Hispanic	0	1		0			75
	Black vs. White	Black	0	1		0			79
Woonsocket	Any Non-White vs. White	Any Non-White	0.2222222	0.4307849	0.0136595	-0.278	0.294	0.49	29
	Hispanic vs. White	Hispanic	0.25	0.4795037	0.0204963	-0.25	0.354	0.59	27
	Black vs. White	Black	0.5	1	0	0	1	1	8

Table E. 9: Agency Hit Rate Analysis, 2018-20 (Consent Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
	Any Non-White vs. White	Any Non-White	0	1		0			13
	Hispanic vs. White	Hispanic	0	1		0			10
Barrington	Black vs. White	Black	0	1		0			8
	Any Non-White vs. White	Any Non-White	-2.78E-17	1		-0.167	0.295	0.5102223	18
	Hispanic vs. White	Hispanic	-5.55E-17	1		-0.167	0.314	0.4296842	13
Bristol	Black vs. White	Black	-2.78E-17	1		-0.167	0.298	0.4485294	17
	Any Non-White vs. White	Any Non-White	0.0526316	0.1547132	0	-0.016	0.776	0.8576297	113
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.069	0.005	0.065	104
Burrillville	Black vs. White	Black	0.0869565	0.253386	0	0.018	0.839	0.9347826	107
	Any Non-White vs. White	Any Non-White	0.2598425	0.3667608	0.1529242	0.088	0.37	0.5452632	103
	Hispanic vs. White	Hispanic	0.2142857	0.3417797	0.0867917	0.043	0.684	0.8083637	67
Central Falls	Black vs. White	Black	0.3414634	0.5109746	0.1719522	0.17	0.159	0.3288462	60
	Any Non-White vs. White	Any Non-White		1		0			3
	Hispanic vs. White	Hispanic		1		0			3
Charlestown	Black vs. White	Black		1		0			3
	Any Non-White vs. White	Any Non-White	0	1		0			25
	Hispanic vs. White	Hispanic	0	1		0			25
Coventry	Black vs. White	Black		1		0			24
	Any Non-White vs. White	Any Non-White	0.2553191	0.5174873	0	0.076	0.665	0.7921667	38
	Hispanic vs. White	Hispanic	0.2068966	0.5651392	0	0.028	0.898	0.93392	31
Cranston	Black vs. White	Black	0.1818182	0.4149685	0	0.003	0.987	0.987	35
	Any Non-White vs. White	Any Non-White	0.3333333	0.6973622	0	0.208	0.328	0.5102223	19
	Hispanic vs. White	Hispanic	0.5	1	0	0.375	0.292	0.4296842	15
Cumberland	Black vs. White	Black	0.25	0.7036518	0	0.125	0.624	0.815	16
	Any Non-White vs. White	Any Non-White	0	1		-0.125	0.143	0.364	14
	Hispanic vs. White	Hispanic	0	1		-0.125	0.148	0.3194286	13
East Greenwich	Black vs. White	Black	0	1		-0.125	0.143	0.3288462	14
	Any Non-White vs. White	Any Non-White	0.0873988	0.1152412	0.0595565	-0.037	0.102	0.364	843
	Hispanic vs. White	Hispanic	0.0650618	0.1113865	0.0187371	-0.059	0.044	0.1745714	557
East Providence	Black vs. White	Black	0.0978844	0.1318815	0.0638873	-0.026	0.285	0.4485294	735
	Any Non-White vs. White	Any Non-White		1		0			8
	Hispanic vs. White	Hispanic		1		0			8
Foster	Black vs. White	Black		1		0			8
	Any Non-White vs. White	Any Non-White	0	1		0			18
	Hispanic vs. White	Hispanic	0	1		0			16
Glocester	Black vs. White	Black	0	1		0			17
	Any Non-White vs. White	Any Non-White	-1.39E-17	1.83E-09	0	-0.111	0.163	0.364	31
	Hispanic vs. White	Hispanic	0	1		-0.111	0.169	0.3194286	25
Hopkinton	Black vs. White	Black	-2.78E-17	1		-0.111	0.171	0.3288462	24
	Any Non-White vs. White	Any Non-White	0	1		-0.5	0.564	0.752	3
	Hispanic vs. White	Hispanic	0	1		-0.5	0.564	0.6982857	3
Jamestown	Black vs. White	Black		1		0			2
	Any Non-White vs. White	Any Non-White	0.375	0.9069984	0	0.375	0.185	0.37	19
	Hispanic vs. White	Hispanic	0	1		0			17
Johnston	Black vs. White	Black	0.75	1	0.1917274	0.75	0.021	0.28	15
	Any Non-White vs. White	Any Non-White	-2.78E-17	5.16E-09	0	-0.2	0.289	0.5102223	19
	Hispanic vs. White	Hispanic	0	1		-0.2	0.297	0.4296842	16
Lincoln	Black vs. White	Black	-5.55E-17	1		-0.2	0.305	0.4485294	14
	Any Non-White vs. White	Any Non-White	0	1		0			8
	Hispanic vs. White	Hispanic		1		0			6
Little Compton	Black vs. White	Black	0	1		0			8
	Any Non-White vs. White	Any Non-White	-1.39E-17	1		-0.1	0.028	0.364	69
	Hispanic vs. White	Hispanic	-1.39E-17	1		-0.1	0.029	0.1745714	55
Middletown	Black vs. White	Black	-2.78E-17	1		-0.1	0.029	0.28	60
	Any Non-White vs. White	Any Non-White	0.2312139	0.351473	0.1109547	0.013	0.864	0.864	177
	Hispanic vs. White	Hispanic	0.3050847	0.5362667	0.0739027	0.087	0.49	0.637	141
Narragansett	Black vs. White	Black	0.2037037	0.3470522	0.0603552	-0.015	0.86	0.9347826	156
	Any Non-White vs. White	Any Non-White	0.0265252	0.0591286	0	0.005	0.8	0.8576297	290
	Hispanic vs. White	Hispanic	0.0792952	0.1891474	0	0.058	0.314	0.4296842	171
Newport	Black vs. White	Black	0.0318656	0.0709058	0	0.011	0.652	0.815	262
	Any Non-White vs. White	Any Non-White		1		0			26
	Hispanic vs. White	Hispanic		1		0			26
North Kingstown	Black vs. White	Black		1		0			26
	Any Non-White vs. White	Any Non-White	0.1666667	0.3870033	0	-0.083	0.611	0.7776363	28
	Hispanic vs. White	Hispanic	0.3333333	0.7513425	0	0.083	0.736	0.832	21
North Providence	Black vs. White	Black	2.78E-17	1		-0.25	0.046	0.28	22
	Any Non-White vs. White	Any Non-White	0.0722892	0.1722889	0	0.072	0.166	0.364	35
	Hispanic vs. White	Hispanic	0.1052632	1		0.105	0.172	0.3194286	25
North Smithfield	Black vs. White	Black	0	1		0			24
	Any Non-White vs. White	Any Non-White	0.0444444	0.0940713	0	-0.032	0.679	0.7921667	102
	Hispanic vs. White	Hispanic	0.0588235	0.1273302	0	-0.018	0.828	0.897	45
Pawtucket	Black vs. White	Black	0.0555556	0.1172439	0	-0.021	0.792	0.9347826	88

Table E. 9: Agency Hit Rate Analysis, 2018-20 (Consent Only)

Department	Comparison	Race	Y_Mean=	Upper_Bound=	Lower_Bound=	B_Difference=	P=	Qvalue=	N=
	Any Non-White vs. White	Any Non-White	0.1398939	0.1857416	0.0940462	0.054	0.188	0.376	307
	Hispanic vs. White	Hispanic	0.1802747	0.2529467	0.1076027	0.094	0.061	0.19825	177
Providence	Black vs. White	Black	0.1179575	0.1730644	0.0628505	0.032	0.465	0.6458333	205
	Any Non-White vs. White	Any Non-White	0	1		0			11
	Hispanic vs. White	Hispanic		1		0			10
Richmond	Black vs. White	Black	0	1		0			11
	Any Non-White vs. White	Any Non-White	0	1		0			82
	Hispanic vs. White	Hispanic	0	1		0			52
RISP Hope Valley	Black vs. White	Black	0	1		0			48
	Any Non-White vs. White	Any Non-White	0.0769231	0.1546194	0	0.077	0.057	0.364	58
	Hispanic vs. White	Hispanic	0.2	0.3993809	0.0006191	0.2	0.056	0.182	43
RISP Lincoln	Black vs. White	Black	0	1		0			48
	Any Non-White vs. White	Any Non-White	0	1		-0.2	0.135	0.364	14
	Hispanic vs. White	Hispanic	0	1		-0.2	0.152	0.3194286	11
RISP Scituate	Black vs. White	Black	0	1		-0.2	0.135	0.3288462	14
	Any Non-White vs. White	Any Non-White	4.16E-17	1.29E-09	0	-0.118	0.04	0.364	37
	Hispanic vs. White	Hispanic	1.39E-17	1.29E-09	0	-0.118	0.043	0.1745714	31
RISP Wickford	Black vs. White	Black	2.78E-17	1.29E-09	0	-0.118	0.042	0.28	33
	Any Non-White vs. White	Any Non-White	0	1		0			6
	Hispanic vs. White	Hispanic	0	1		0			6
Scituate	Black vs. White	Black	0	1		0			6
	Any Non-White vs. White	Any Non-White	0	1		-0.222	0.107	0.364	15
	Hispanic vs. White	Hispanic		1		0			14
Smithfield	Black vs. White	Black	0	1		-0.222	0.107	0.3288462	15
	Any Non-White vs. White	Any Non-White	0.3076923	0.5917063	0.0236784	0.161	0.31	0.5102223	57
	Hispanic vs. White	Hispanic	-2.78E-17	1		-0.146	0.023	0.1745714	46
South Kingstown	Black vs. White	Black	0.4444444	0.7886118	0.1002771	0.298	0.116	0.3288462	53
	Any Non-White vs. White	Any Non-White	0.4642857	0.5966527	0.3319187	-0.148	0.066	0.364	210
	Hispanic vs. White	Hispanic	0.4444444	0.666441	0.2224479	-0.167	0.168	0.3194286	168
Tiverton	Black vs. White	Black	0.5	0.6583398	0.3416602	-0.112	0.222	0.3964286	192
	Any Non-White vs. White	Any Non-White	0.0487805	0.1161335	0	-0.04	0.51	0.714	74
	Hispanic vs. White	Hispanic	0.0909091	0.2150887	0	0.002	0.98	0.98	57
Warwick	Black vs. White	Black	-4.16E-17	1		-0.089	0.081	0.3288462	60
	Any Non-White vs. White	Any Non-White		1		0			4
	Hispanic vs. White	Hispanic		1		0			4
West Greenwich	Black vs. White	Black		1		0			4
	Any Non-White vs. White	Any Non-White	0.4285714	0.6040775	0.2530654	0.023	0.827	0.8576297	115
	Hispanic vs. White	Hispanic	0.5714286	0.8199873	0.3228698	0.166	0.234	0.4056	99
West Warwick	Black vs. White	Black	0.4	0.6088068	0.1911932	-0.005	0.964	0.987	105
	Any Non-White vs. White	Any Non-White	6.94E-18	1		-0.016	0.158	0.364	186
	Hispanic vs. White	Hispanic	0	1		-0.016	0.159	0.3194286	150
Westerly	Black vs. White	Black	-3.47E-18	1		-0.016	0.158	0.3288462	171
	Any Non-White vs. White	Any Non-White	0.3125	0.4297155	0.1952845	0.229	0.003	0.084	118
	Hispanic vs. White	Hispanic	0.35	0.5053002	0.1946999	0.267	0.005	0.065	92
Woonsocket	Black vs. White	Black	0.2857143	0.4687595	0.1026691	0.202	0.056	0.28	74

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	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
	2018	Black vs. White	0.0126023	0.0037704	0.0009032	0.0311248	35,355
		Hispanic vs. White	0.0149514	0.0039255	0.0001598	0.0311248	34,328
		Any Non-White vs. White	0.0116021	0.0033958	0.0006923	0.0311248	42,858
	Combined Years	Black vs. White	0.008736	0.0017064	3.49E-07	0.0276004	101,639
		Hispanic vs. White	0.0093197	0.0018723	7.23E-07	0.0276004	98,955
		Any Non-White vs. White	0.007883	0.0015099	2.04E-07	0.0276004	124,566
Municipal Police	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
	2018	Black vs. White	0.0161717	0.0015047	7.38E-26	0.0378637	190,605
		Hispanic vs. White	0.013232	0.00199	4.35E-11	0.0378637	186,851
		Any Non-White vs. White	0.0131166	0.0012701	4.40E-24	0.0378637	220,770
	Combined Years	Black vs. White	0.0159488	0.0010158	0	0.0373239	499,013
		Hispanic vs. White	0.0133573	0.0010515	2.99E-36	0.0373239	492,895
		Any Non-White vs. White	0.0129771	0.000784	0	0.0373239	581,378
All Agencies	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
	2018	Black vs. White	0.0154486	0.0014572	1.77E-25	0.0367672	225,960
		Hispanic vs. White	0.0137126	0.0017951	3.62E-14	0.0367672	221,179
		Any Non-White vs. White	0.0128592	0.0012404	1.77E-24	0.0367672	263,628
	Combined Years	Black vs. White	0.0142362	0.000885	0	0.0356061	600,652
		Hispanic vs. White	0.0123821	0.0009068	0	0.0356061	591,850
		Any Non-White vs. White	0.0118379	0.000699	0	0.0356061	705,944

Table F.2: Analysis of Warnings by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.0091029	0.0083273	0.2749507	0.468236	34,338
		Hispanic vs. White	-0.0102342	0.0088476	0.2480298	0.468236	33,315
		Any Non-White vs. White	-0.0046171	0.0074062	0.5333352	0.468236	41,519
	Combined Years	Black vs. White	-0.0040628	0.0050316	0.4195394	0.4821705	98,972
		Hispanic vs. White	-0.0175892	0.0049041	0.0003465	0.4821705	96,366
		Any Non-White vs. White	-0.0126996	0.0042166	0.0026423	0.4821705	121,122
Municipal Police	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
	2018	Black vs. White	0.0180551	0.015464	0.2432033	0.6396794	183,763
		Hispanic vs. White	0.002988	0.0136446	0.8266942	0.6396794	180,426
		Any Non-White vs. White	0.0043913	0.009483	0.6433886	0.6396794	212,410
	Combined Years	Black vs. White	0.019128	0.007364	0.0094261	0.642814	481,201
		Hispanic vs. White	-0.0003047	0.0063832	0.9619346	0.642814	476,057
		Any Non-White vs. White	0.0035566	0.004498	0.4291723	0.642814	559,664
All Agencies	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
	2018	Black vs. White	0.0155573	0.0123203	0.2068577	0.6116192	218,101
		Hispanic vs. White	-0.0003669	0.0110165	0.9734372	0.6116192	213,741
		Any Non-White vs. White	0.0022249	0.0077151	0.7730896	0.6116192	253,929
	Combined Years	Black vs. White	0.0135719	0.0059297	0.0221306	0.614198	580,173
		Hispanic vs. White	-0.0043295	0.0051469	0.4002888	0.614198	572,423
		Any Non-White vs. White	0.0000835	0.003708	0.9820294	0.614198	680,786

Table F.3: Analysis of Stop Duration by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.0144726	0.0047511	0.0024609	0.1299972	35,355
		Hispanic vs. White	0.0124045	0.004587	0.0071147	0.1299972	34,328
		Any Non-White vs. White	0.0136609	0.0037581	0.0003104	0.1299972	42,858
	Combined Years	Black vs. White	0.0152742	0.0027708	4.20E-08	0.12705	101,639
		Hispanic vs. White	0.0124427	0.0025409	1.09E-06	0.12705	98,955
		Any Non-White vs. White	0.0131113	0.0022087	3.64E-09	0.12705	124,566
Municipal Police	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
	2018	Black vs. White	0.0338953	0.002636	1.10E-35	0.1128441	190,605
		Hispanic vs. White	0.0221713	0.0022925	2.10E-21	0.1128441	186,851
		Any Non-White vs. White	0.0255721	0.0019255	7.80E-38	0.1128441	220,770
	Combined Years	Black vs. White	0.0317261	0.0015872	0	0.1063434	499,013
		Hispanic vs. White	0.0244126	0.0015735	0	0.1063434	492,895
		Any Non-White vs. White	0.0255258	0.0012237	0	0.1063434	581,378
All Agencies	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
	2018	Black vs. White	0.0291889	0.0022522	1.03E-36	0.1156352	225,960
		Hispanic vs. White	0.019719	0.0020439	1.74E-21	0.1156352	221,179
		Any Non-White vs. White	0.0228103	0.0017167	1.90E-38	0.1156352	263,628
	Combined Years	Black vs. White	0.0275511	0.0013882	0	0.1100016	600,652
		Hispanic vs. White	0.0213391	0.0013262	0	0.1100016	591,850
		Any Non-White vs. White	0.0225811	0.0010781	0	0.1100016	705,944

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

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	-0.0058565	0.0023327	0.0124211	0.0761812	35,355
		Hispanic vs. White	0.0010593	0.0024487	0.6655227	0.0761812	34,328
		Any Non-White vs. White	-0.0032838	0.0017277	0.0579974	0.0761812	42,858
	Combined Years	Black vs. White	-0.0043087	0.0013604	0.0015719	0.0699825	101,639
		Hispanic vs. White	-0.0017851	0.0015072	0.2364549	0.0699825	98,955
		Any Non-White vs. White	-0.0037482	0.0012023	0.0018606	0.0699825	124,566
Municipal Police	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
	2018	Black vs. White	0.0018547	0.0032972	0.57386	0.0551272	190,605
		Hispanic vs. White	-0.0020077	0.0021227	0.3444053	0.0551272	186,851
		Any Non-White vs. White	-0.0005649	0.0018511	0.7602667	0.0551272	220,770
	Combined Years	Black vs. White	0.0021557	0.0018787	0.251282	0.0528803	499,013
		Hispanic vs. White	-0.0014959	0.0012516	0.2320866	0.0528803	492,895
		Any Non-White vs. White	-0.0004685	0.0010598	0.6584469	0.0528803	581,378
All Agencies	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
	2018	Black vs. White	-0.0001478	0.002753	0.9571956	0.058553	225,960
		Hispanic vs. White	-0.0015495	0.0017337	0.3715964	0.058553	221,179
		Any Non-White vs. White	-0.0013369	0.0015386	0.3850341	0.058553	263,628
	Combined Years	Black vs. White	0.0004257	0.0015243	0.78005	0.0559017	600,652
		Hispanic vs. White	-0.0017164	0.0010353	0.0974008	0.0559017	591,850
		Any Non-White vs. White	-0.0013163	0.0008851	0.1370242	0.0559017	705,944

Table F.5: Analysis of Discretionary Search by Year

Level	Period	Comparison	B=	SE=	P=	Y_Mean=	N=
State Police	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
	2018	Black vs. White	0.0011163	0.0008647	0.1974255	0.0063368	35,355
		Hispanic vs. White	0.0010593	0.0008573	0.2172896	0.0063368	34,328
		Any Non-White vs. White	0.0005244	0.0005774	0.3642691	0.0063368	42,858
	Combined Years	Black vs. White	0.0002923	0.0004139	0.4801468	0.0051355	101,639
		Hispanic vs. White	0.0003769	0.0004732	0.4259126	0.0051355	98,955
		Any Non-White vs. White	0.0000803	0.0003269	0.8059219	0.0051355	124,566
Municipal Police	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
	2018	Black vs. White	0.0157196	0.0078662	0.0458872	0.0316293	190,605
		Hispanic vs. White	0.0119919	0.0079894	0.1336096	0.0316293	186,851
		Any Non-White vs. White	0.0099082	0.0051231	0.0533285	0.0316293	220,770
	Combined Years	Black vs. White	0.0119453	0.0037156	0.0013158	0.0282246	499,013
		Hispanic vs. White	0.0088382	0.0034876	0.0113093	0.0282246	492,895
		Any Non-White vs. White	0.0075212	0.0022901	0.0010318	0.0282246	581,378
All Agencies	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
	2018	Black vs. White	0.0121656	0.0062228	0.0507445	0.0275138	225,960
		Hispanic vs. White	0.009277	0.006276	0.1395418	0.0275138	221,179
		Any Non-White vs. White	0.0076903	0.004029	0.0564596	0.0275138	263,628
	Combined Years	Black vs. White	0.0090361	0.0028818	0.0017248	0.0241455	600,652
		Hispanic vs. White	0.0066951	0.0026829	0.01261	0.0241455	591,850
		Any Non-White vs. White	0.0057639	0.0017833	0.0012363	0.0241455	705,944

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	0.0158191	0.0170278	0.3666876	0.0167665	783	0.4421821
	Hispanic vs. White		0.0828378	0.0362114	0.0361136	0.0167665	760	0.1850078
	Any Non-White vs. White		0.0343995	0.0154501	0.0406966	0.0167665	835	0.1853958
	Black vs. White	3 YR	0.0223692	0.0117236	0.060737	0.0186358	7,660	0.1245108
	Hispanic vs. White		0.0373184	0.0119563	0.0026717	0.0186358	7,467	0.0112529
	Any Non-White vs. White		0.0225528	0.008493	0.0099187	0.0186358	8,202	0.0239215
Bristol	Black vs. White	1 YR	-0.0028897	0.0017205	0.1045794	0.0020653	2,340	0.2140621
	Hispanic vs. White		-0.0037072	0.0019984	0.074539	0.0020653	2,267	0.1881813
	Any Non-White vs. White		-0.0029858	0.0015422	0.0633995	0.0020653	2,419	0.1977179
	Black vs. White	3 YR	0.0028667	0.0028976	0.3251176	0.0027487	12,642	0.4443274
	Hispanic vs. White		0.002153	0.0039005	0.5823042	0.0027487	12,368	0.6631798
	Any Non-White vs. White		0.0017486	0.0019966	0.3834503	0.0027487	13,093	0.476408
Burrillville	Black vs. White	1 YR	-0.0093129	0.0176076	0.6013508	0.0425144	3,141	0.6574641
	Hispanic vs. White		-0.0214883	0.0179429	0.2418813	0.0425144	3,173	0.3490873
	Any Non-White vs. White		-0.0159001	0.0124222	0.2114422	0.0425144	3,292	0.3210789
	Black vs. White	3 YR	0.0124925	0.0093418	0.1856558	0.0311114	13,217	0.2718531
	Hispanic vs. White		0.0090607	0.009783	0.3577303	0.0311114	13,215	0.4618718
	Any Non-White vs. White		0.0109327	0.0058061	0.063981	0.0311114	13,753	0.1093009
Central Falls	Black vs. White	1 YR	0.0117426	0.0079942	0.1516242	0.0270851	2,529	0.2514642
	Hispanic vs. White		0.0121162	0.0064998	0.071505	0.0270851	3,774	0.1881813
	Any Non-White vs. White		0.011364	0.0060051	0.0675134	0.0270851	4,650	0.1977179
	Black vs. White	3 YR	0.0119249	0.0037646	0.0020497	0.0353698	7,871	0.0064644
	Hispanic vs. White		0.018144	0.0038029	6.32E-06	0.0353698	11,466	0.0000648
	Any Non-White vs. White		0.0164495	0.0033206	3.00E-06	0.0353698	13,991	0.0000246
Charlestown	Black vs. White	1 YR	0.013798	0.011814	0.2623368	0.0257836	1,865	0.3640225
	Hispanic vs. White		0.0722723	0.0266889	0.0169897	0.0257836	1,814	0.1393157
	Any Non-White vs. White		0.0158744	0.0085413	0.0842421	0.0257836	1,977	0.206264
	Black vs. White	3 YR	0.0240822	0.0140072	0.0920089	0.0324566	10,216	0.1685701
	Hispanic vs. White		0.0371902	0.0154337	0.0198496	0.0324566	9,932	0.0478726
	Any Non-White vs. White		0.0211469	0.0082526	0.0135866	0.0324566	10,713	0.0309473
Coventry	Black vs. White	1 YR	-0.0151188	0.0085954	0.0868562	0.0172362	3,155	0.213835
	Hispanic vs. White		0.0318119	0.0195359	0.1119294	0.0172362	3,092	0.2167976
	Any Non-White vs. White		0.0045254	0.0061272	0.4648191	0.0172362	3,303	0.5445024
	Black vs. White	3 YR	-0.0009907	0.0054293	0.8555157	0.0141248	15,133	0.9116788
	Hispanic vs. White		0.0212928	0.0084625	0.0131749	0.0141248	14,908	0.0386778
	Any Non-White vs. White		0.0058373	0.0041244	0.159542	0.0141248	15,711	0.2336151
Cranston	Black vs. White	1 YR	0.0115987	0.0034536	0.0011601	0.0139242	15,124	0.0237828
	Hispanic vs. White		0.0054163	0.0019226	0.0059667	0.0139242	16,385	0.0611591
	Any Non-White vs. White		0.0071321	0.0020239	0.0006738	0.0139242	19,671	0.0138134
	Black vs. White	3 YR	0.0113766	0.0016814	7.47E-11	0.021088	61,413	3.06E-09
	Hispanic vs. White		0.0042852	0.0014685	0.0037994	0.021088	64,753	0.0141616
	Any Non-White vs. White		0.0062442	0.0011481	1.14E-07	0.021088	79,175	1.56E-06
Cumberland	Black vs. White	1 YR	0.0585729	0.0126701	0.0000428	0.0570152	3,278	0.0017546
	Hispanic vs. White		0.0478894	0.0138204	0.0013036	0.0570152	3,428	0.017816
	Any Non-White vs. White		0.0446558	0.0099265	0.00006	0.0570152	3,805	0.0024615
	Black vs. White	3 YR	0.0445172	0.0072144	1.16E-08	0.0605173	12,094	2.38E-07
	Hispanic vs. White		0.0380475	0.0072275	6.95E-07	0.0605173	12,576	0.0000142
	Any Non-White vs. White		0.0370764	0.0055429	9.48E-10	0.0605173	13,988	1.94E-08
East Greenwich	Black vs. White	1 YR	-0.0053061	0.0220943	0.8121673	0.0201568	848	0.8121673
	Hispanic vs. White		0.0007734	0.0217793	0.9719549	0.0201568	836	0.9719549
	Any Non-White vs. White		0.0008187	0.0214206	0.9698029	0.0201568	892	0.9698029
	Black vs. White	3 YR	0.0113323	0.0135219	0.4045538	0.0195059	2,905	0.535055
	Hispanic vs. White		0.0016525	0.0116757	0.8878123	0.0195059	2,871	0.9333411
	Any Non-White vs. White		0.0080021	0.0088998	0.3713146	0.0195059	3,068	0.4757469
East Providence	Black vs. White	1 YR	0.0074596	0.0078545	0.3461288	0.0483897	5,467	0.4300388
	Hispanic vs. White		-0.0102504	0.0066136	0.1265156	0.0483897	4,867	0.2167976
	Any Non-White vs. White		0.0015809	0.005659	0.7809238	0.0483897	6,175	0.8209712
	Black vs. White	3 YR	0.0125187	0.0029737	0.0000397	0.0373046	27,813	0.0002323
	Hispanic vs. White		0.0091438	0.0044422	0.0409413	0.0373046	23,980	0.0839296
	Any Non-White vs. White		0.00962	0.0028396	0.0008566	0.0373046	31,136	0.0029267

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	-0.0023936	0.0036986	0.5460568	0.009915	628	0.6218981
	Hispanic vs. White		-0.0067282	0.0075202	0.411951	0.009915	605	0.4825712
	Any Non-White vs. White		0.0011676	0.0014569	0.4592751	0.009915	704	0.5445024
	Black vs. White	3 YR	0.0068017	0.0084786	0.4306353	0.0152466	1,988	0.5440264
	Hispanic vs. White		-0.0108352	0.0097978	0.2807233	0.0152466	1,972	0.3836552
	Any Non-White vs. White		-0.0007262	0.0039035	0.8540388	0.0152466	2,225	0.8753898
Glocester	Black vs. White	1 YR	-0.0066747	0.002821	0.0356535	0.0093691	1,507	0.1736754
	Hispanic vs. White		0.0182247	0.0175227	0.3188138	0.0093691	1,486	0.421657
	Any Non-White vs. White		0.0052662	0.0067767	0.4521458	0.0093691	1,600	0.5445024
	Black vs. White	3 YR	-0.0005804	0.003618	0.8733699	0.0061728	6,654	0.9116788
	Hispanic vs. White		0.0022014	0.0061804	0.7235695	0.0061728	6,533	0.7806934
	Any Non-White vs. White		0.0007621	0.0029108	0.7948033	0.0061728	6,961	0.8575509
Hopkinton	Black vs. White	1 YR	0.0091585	0.0270166	0.7400256	0.0381388	1,205	0.7779756
	Hispanic vs. White		-0.0177075	0.0084343	0.0576006	0.0381388	1,206	0.1850078
	Any Non-White vs. White		-0.0044489	0.0122435	0.7221722	0.0381388	1,311	0.7791858
	Black vs. White	3 YR	0.0104704	0.0133614	0.4378749	0.0303738	5,082	0.5440264
	Hispanic vs. White		0.0048889	0.008038	0.5465666	0.0303738	4,965	0.6402637
	Any Non-White vs. White		0.0029066	0.0075161	0.7010193	0.0303738	5,561	0.7768052
Jamestown	Black vs. White	1 YR	0.0075102	0.014279	0.6093569	0.0353149	1,575	0.6574641
	Hispanic vs. White		0.0164176	0.0184567	0.3927601	0.0353149	1,540	0.4736225
	Any Non-White vs. White		0.0098812	0.0117341	0.4176699	0.0353149	1,697	0.5351396
	Black vs. White	3 YR	0.0140774	0.0078449	0.080697	0.0417545	4,893	0.1575513
	Hispanic vs. White		0.0293499	0.0144926	0.0497338	0.0417545	4,797	0.0970993
	Any Non-White vs. White		0.0117282	0.006366	0.0730387	0.0417545	5,218	0.1151765
Johnston	Black vs. White	1 YR	0.0074114	0.0102817	0.474435	0.0127251	4,217	0.5557667
	Hispanic vs. White		0.0091195	0.0047945	0.0631734	0.0127251	4,535	0.1850078
	Any Non-White vs. White		0.0074181	0.0048911	0.1357808	0.0127251	5,100	0.2650959
	Black vs. White	3 YR	0.0149227	0.004605	0.001462	0.019472	14,591	0.0049952
	Hispanic vs. White		0.0078745	0.0025864	0.0027446	0.019472	15,325	0.0112529
	Any Non-White vs. White		0.0086189	0.0024502	0.0005725	0.019472	17,445	0.0021338
Lincoln	Black vs. White	1 YR	0.0432881	0.0226409	0.0684203	0.0384205	766	0.2083118
	Hispanic vs. White		-0.0039564	0.0121223	0.7470955	0.0384205	793	0.7700406
	Any Non-White vs. White		0.0141175	0.0126225	0.2749283	0.0384205	933	0.3886918
	Black vs. White	3 YR	0.0187237	0.0092918	0.0474328	0.0271084	3,296	0.1080413
	Hispanic vs. White		0.0061776	0.0067153	0.3604853	0.0271084	3,479	0.4618718
	Any Non-White vs. White		0.0109878	0.0050358	0.0321643	0.0271084	3,975	0.0694071
Little Compton	Black vs. White	1 YR	0.0390832	0.0214087	0.1106607	0.0542714	918	0.2140621
	Hispanic vs. White		0.0802251	0.0361005	0.0616704	0.0542714	953	0.1850078
	Any Non-White vs. White		0.0639232	0.0319495	0.0855241	0.0542714	994	0.206264
	Black vs. White	3 YR	0.0357049	0.0293805	0.2365962	0.0312643	4,171	0.3344981
	Hispanic vs. White		0.068092	0.0237317	0.0086686	0.0312643	4,181	0.0296179
	Any Non-White vs. White		0.0462514	0.0220286	0.0469356	0.0312643	4,378	0.0916362
Middletown	Black vs. White	1 YR	0.005602	0.0044503	0.2169412	0.0061449	2,812	0.3294292
	Hispanic vs. White		0.0093702	0.0081784	0.2601486	0.0061449	2,472	0.3555364
	Any Non-White vs. White		0.006604	0.0043137	0.1353124	0.0061449	3,091	0.2650959
	Black vs. White	3 YR	0.001669	0.0022407	0.4582503	0.0061324	10,863	0.5525959
	Hispanic vs. White		0.0002565	0.0034433	0.9407703	0.0061324	10,073	0.9407703
	Any Non-White vs. White		0.0011644	0.0019304	0.5478432	0.0061324	11,898	0.6417592
Narragansett	Black vs. White	1 YR	0.0373982	0.0136117	0.0097808	0.055772	4,520	0.1076619
	Hispanic vs. White		0.0231146	0.014387	0.1179603	0.055772	4,418	0.2167976
	Any Non-White vs. White		0.0220511	0.0096751	0.0294693	0.055772	4,869	0.1510302
	Black vs. White	3 YR	0.038585	0.0069847	2.38E-07	0.0590592	16,509	2.44E-06
	Hispanic vs. White		0.0177274	0.0104783	0.0936178	0.0590592	16,007	0.1545962
	Any Non-White vs. White		0.0239507	0.0058106	0.0000748	0.0590592	17,460	0.0003833
Newport	Black vs. White	1 YR	0.0085119	0.0086129	0.3275123	0.0131761	2,598	0.4196251
	Hispanic vs. White		0.0201131	0.013237	0.1349462	0.0131761	2,292	0.2213118
	Any Non-White vs. White		0.0103044	0.0077514	0.1894221	0.0131761	2,880	0.3178124
	Black vs. White	3 YR	0.0048066	0.0029773	0.1082607	0.0080853	17,760	0.1849454
	Hispanic vs. White		0.0088276	0.0041709	0.0357842	0.0080853	16,101	0.0772186
	Any Non-White vs. White		0.004895	0.0026194	0.0633454	0.0080853	19,406	0.1093009

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	0.021004	0.0116704	0.0786031	0.029055	3,269	0.213835
	Hispanic vs. White		0.0190555	0.0145225	0.1962803	0.029055	3,218	0.2980553
	Any Non-White vs. White		0.0159299	0.0089163	0.0807392	0.029055	3,543	0.206264
	Black vs. White	3 YR	0.0090841	0.0066432	0.1739268	0.036261	12,490	0.264111
	Hispanic vs. White		0.0185043	0.008005	0.0224243	0.036261	12,262	0.0510776
	Any Non-White vs. White		0.0100434	0.0049143	0.0430487	0.036261	13,452	0.0882499
North Providence	Black vs. White	1 YR	0.0184577	0.0099964	0.0711308	0.0331355	3,221	0.2083118
	Hispanic vs. White		-0.0145247	0.0080621	0.0780264	0.0331355	2,958	0.1881813
	Any Non-White vs. White		0.0046795	0.0070401	0.5094248	0.0331355	4,044	0.5801783
	Black vs. White	3 YR	0.0064127	0.0038067	0.0945637	0.0240088	12,075	0.1685701
	Hispanic vs. White		-0.0013568	0.0037449	0.7177289	0.0240088	11,175	0.7806934
	Any Non-White vs. White		0.0029476	0.0026537	0.2688036	0.0240088	14,573	0.3555145
North Smithfield	Black vs. White	1 YR	0.0440993	0.0211594	0.0457618	0.0851735	2,262	0.1736754
	Hispanic vs. White		0.0308209	0.0196312	0.1269059	0.0851735	2,315	0.2167976
	Any Non-White vs. White		0.0267141	0.0170455	0.1275515	0.0851735	2,851	0.2650959
	Black vs. White	3 YR	0.0421363	0.0092232	0.0000174	0.0973634	11,400	0.0001187
	Hispanic vs. White		0.0312701	0.0090926	0.0009248	0.0973634	10,743	0.0047396
	Any Non-White vs. White		0.0285598	0.0070049	0.0001059	0.0973634	13,573	0.0004825
Pawtucket	Black vs. White	1 YR	0.0075572	0.0067528	0.2663579	0.0404773	5,174	0.3640225
	Hispanic vs. White		-0.0023399	0.0066762	0.7268967	0.0404773	4,581	0.7700406
	Any Non-White vs. White		0.0028634	0.0057153	0.6177066	0.0404773	6,611	0.6844857
	Black vs. White	3 YR	0.0056077	0.0029234	0.0562134	0.0346403	23,168	0.1213027
	Hispanic vs. White		0.003147	0.0025886	0.2252662	0.0346403	21,409	0.3184797
	Any Non-White vs. White		0.0045797	0.0023855	0.0559911	0.0346403	29,308	0.104347
Portsmouth	Black vs. White	1 YR	0.0353368	0.0158951	0.0325744	0.0367673	7,597	0.1736754
	Hispanic vs. White		0.0262495	0.0130018	0.0509923	0.0367673	7,029	0.1850078
	Any Non-White vs. White		0.0299349	0.0113453	0.0122238	0.0367673	8,373	0.0835293
	Black vs. White	3 YR	0.0275684	0.0071313	0.0001981	0.0297002	22,939	0.0009023
	Hispanic vs. White		0.0316445	0.0083001	0.0002392	0.0297002	21,516	0.0016346
	Any Non-White vs. White		0.0261391	0.0055516	8.14E-06	0.0297002	24,976	0.0000556
Providence	Black vs. White	1 YR	0.0185041	0.0108023	0.1001662	0.0859494	5,460	0.2140621
	Hispanic vs. White		0.0098704	0.0103983	0.3523723	0.0859494	5,684	0.4514771
	Any Non-White vs. White		0.0141273	0.0096117	0.1551619	0.0859494	8,505	0.2891653
	Black vs. White	3 YR	0.0226849	0.0065241	0.0008693	0.0793969	23,328	0.0035642
	Hispanic vs. White		0.0081913	0.0046577	0.0829434	0.0793969	23,326	0.1478556
	Any Non-White vs. White		0.0162465	0.0052604	0.0028708	0.0793969	35,407	0.0084075
Richmond	Black vs. White	1 YR	-0.0186192	0.0061869	0.0131295	0.0200308	1,227	0.1076619
	Hispanic vs. White		0.0073157	0.0224516	0.7512591	0.0200308	1,190	0.7700406
	Any Non-White vs. White		-0.0126994	0.0092251	0.1986721	0.0200308	1,297	0.3178124
	Black vs. White	3 YR	0.0000742	0.00775	0.9924168	0.0184372	4,327	0.9924168
	Hispanic vs. White		0.0011649	0.0114248	0.9194203	0.0184372	4,212	0.9407703
	Any Non-White vs. White		-0.0001257	0.0062723	0.984138	0.0184372	4,551	0.984138
RISP - Hope Valley	Black vs. White	1 YR	-0.0009119	0.0032281	0.7781562	0.0135119	6,630	0.79761
	Hispanic vs. White		-0.0057841	0.0034638	0.0981008	0.0135119	6,320	0.2167976
	Any Non-White vs. White		-0.0024677	0.0026562	0.3550882	0.0135119	8,128	0.4696327
	Black vs. White	3 YR	0.0004605	0.0020323	0.8209152	0.0167609	20,987	0.9096628
	Hispanic vs. White		0.0044767	0.0032872	0.1743591	0.0167609	20,075	0.2647674
	Any Non-White vs. White		0.0010948	0.0020354	0.591092	0.0167609	25,605	0.6731881
RISP - Lincoln	Black vs. White	1 YR	0.0085007	0.0044662	0.0591256	0.0394162	12,336	0.2020123
	Hispanic vs. White		0.0100704	0.0049565	0.0440989	0.0394162	11,957	0.1850078
	Any Non-White vs. White		0.0084445	0.003587	0.0199624	0.0394162	16,019	0.1169229
	Black vs. White	3 YR	0.0162825	0.0034946	4.32E-06	0.0412251	35,304	0.0000354
	Hispanic vs. White		0.0141917	0.0036082	0.0000986	0.0412251	34,415	0.0008088
	Any Non-White vs. White		0.0143793	0.0032763	0.0000145	0.0412251	45,533	0.000085
RISP - Portsmouth	Black vs. White	1 YR	0.019393	0.0170861	0.2628057	0.0127389	565	0.3640225
	Hispanic vs. White		0.0192609	0.0249187	0.4440961	0.0127389	528	0.5057761
	Any Non-White vs. White		0.0195303	0.0160811	0.2311913	0.0127389	617	0.3385301
	Black vs. White	3 YR	0.0098434	0.0069751	0.1600625	0.0062569	2,473	0.2542987
	Hispanic vs. White		0.0105014	0.0131062	0.4241576	0.0062569	2,363	0.5269837
	Any Non-White vs. White		0.0083006	0.0064951	0.2030318	0.0062569	2,678	0.287045

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	0.0115783	0.0057352	0.0465517	0.0179184	4,414	0.1736754
	Hispanic vs. White		0.0043696	0.0048531	0.3704367	0.0179184	4,404	0.4602395
	Any Non-White vs. White		0.0072173	0.0037264	0.0559407	0.0179184	5,227	0.1977179
	Black vs. White	3 YR	0.0063845	0.0025288	0.0122267	0.0189469	15,313	0.0334196
	Hispanic vs. White		0.0074734	0.0031683	0.0191168	0.0189469	15,348	0.0478726
	Any Non-White vs. White		0.0071899	0.0023816	0.0027956	0.0189469	18,558	0.0084198
RISP - Wickford	Black vs. White	1 YR	0.0060903	0.0037099	0.1035788	0.0194812	8,414	0.2140621
	Hispanic vs. White		0.0081133	0.0056312	0.1525157	0.0194812	8,340	0.2405055
	Any Non-White vs. White		0.0059755	0.0038861	0.1269828	0.0194812	9,891	0.2650959
	Black vs. White	3 YR	0.0032821	0.0023375	0.1612626	0.023763	27,559	0.2542987
	Hispanic vs. White		0.0043615	0.0025988	0.094266	0.023763	26,749	0.1545962
	Any Non-White vs. White		0.0032238	0.0018542	0.0830477	0.023763	32,190	0.1261095
Scituate	Black vs. White	1 YR	-0.0300441	0.01642	0.0886633	0.034965	687	0.213835
	Hispanic vs. White		0.2181114	0.034914	0.0000156	0.034965	676	0.000641
	Any Non-White vs. White		0.0697271	0.0212181	0.0049983	0.034965	715	0.0683101
	Black vs. White	3 YR	0.0047828	0.0114187	0.6774556	0.0305055	4,278	0.7935908
	Hispanic vs. White		0.036606	0.0247635	0.1466368	0.0305055	4,258	0.231235
	Any Non-White vs. White		0.0130857	0.0110468	0.2426965	0.0305055	4,487	0.3316852
Smithfield	Black vs. White	1 YR	-0.0105796	0.0072438	0.1533318	0.0193548	1,966	0.2514642
	Hispanic vs. White		0.0112017	0.0066857	0.1030151	0.0193548	1,931	0.2167976
	Any Non-White vs. White		-0.0011365	0.00492	0.8187003	0.0193548	2,169	0.8391678
	Black vs. White	3 YR	0.012251	0.0059092	0.0406475	0.0183891	11,022	0.1030117
	Hispanic vs. White		0.0156875	0.0062207	0.0132071	0.0183891	10,945	0.0386778
	Any Non-White vs. White		0.0135873	0.0049062	0.0066617	0.0183891	12,008	0.0170705
South Kingstown	Black vs. White	1 YR	0.0275938	0.0171896	0.1148626	0.0369421	4,371	0.2140621
	Hispanic vs. White		0.0130386	0.0111235	0.2469154	0.0369421	4,163	0.3490873
	Any Non-White vs. White		0.0146938	0.0108218	0.1807474	0.0369421	4,680	0.3178124
	Black vs. White	3 YR	0.0207399	0.0076494	0.0075411	0.0376353	16,629	0.0220847
	Hispanic vs. White		0.021002	0.0087	0.017079	0.0376353	15,772	0.0466826
	Any Non-White vs. White		0.0149811	0.0053952	0.0062371	0.0376353	17,636	0.0170481
Tiverton	Black vs. White	1 YR	0.0193552	0.0180393	0.2960731	0.1019496	2,317	0.3915805
	Hispanic vs. White		0.0442438	0.0276028	0.1246399	0.1019496	2,203	0.2167976
	Any Non-White vs. White		0.0205938	0.015594	0.2015396	0.1019496	2,461	0.3178124
	Black vs. White	3 YR	0.0022073	0.0081273	0.7868112	0.0681356	7,878	0.8960905
	Hispanic vs. White		0.0220622	0.0114108	0.0576068	0.0681356	7,590	0.1073582
	Any Non-White vs. White		0.0054452	0.0068598	0.4302499	0.0681356	8,349	0.5188307
Warwick	Black vs. White	1 YR	0.0215548	0.0106285	0.045217	0.0460841	10,578	0.1736754
	Hispanic vs. White		0.02314	0.0069845	0.0012817	0.0460841	10,267	0.017816
	Any Non-White vs. White		0.0175387	0.006733	0.010577	0.0460841	11,686	0.0835293
	Black vs. White	3 YR	0.0183857	0.0048524	0.0001802	0.0461699	39,801	0.0009023
	Hispanic vs. White		0.0190381	0.0040702	4.26E-06	0.0461699	39,058	0.0000582
	Any Non-White vs. White		0.0150656	0.0031529	2.67E-06	0.0461699	44,071	0.0000246
West Greenwich	Black vs. White	1 YR	-0.0048018	0.0034532	0.1977887	0.0136986	566	0.3118976
	Hispanic vs. White		-0.0141638	0.0059841	0.042122	0.0136986	555	0.1850078
	Any Non-White vs. White		-0.0070159	0.0033568	0.0661751	0.0136986	584	0.1977179
	Black vs. White	3 YR	0.001999	0.0142547	0.8894427	0.0213235	2,604	0.9116788
	Hispanic vs. White		-0.0070438	0.0108928	0.5229465	0.0213235	2,599	0.630612
	Any Non-White vs. White		-0.0020237	0.0098619	0.8388508	0.0213235	2,720	0.8753898
West Warwick	Black vs. White	1 YR	0.0314562	0.0213992	0.1513341	0.0742918	3,448	0.2514642
	Hispanic vs. White		0.0275266	0.0133675	0.047957	0.0742918	3,371	0.1850078
	Any Non-White vs. White		0.0259439	0.0129814	0.0542137	0.0742918	3,735	0.1977179
	Black vs. White	3 YR	0.0393434	0.0116381	0.0010077	0.0693906	15,814	0.0037559
	Hispanic vs. White		0.0352552	0.0100746	0.0006808	0.0693906	15,545	0.0039877
	Any Non-White vs. White		0.0311064	0.00859	0.0004482	0.0693906	17,015	0.0018375
Westerly	Black vs. White	1 YR	0.0186784	0.0092248	0.0465958	0.0136018	6,994	0.1736754
	Hispanic vs. White		0.0050638	0.0086169	0.5585721	0.0136018	6,814	0.6189583
	Any Non-White vs. White		0.0054765	0.0056079	0.3320095	0.0136018	7,495	0.4537463
	Black vs. White	3 YR	0.0090539	0.0044342	0.0427122	0.0141341	18,715	0.1030117
	Hispanic vs. White		0.0071102	0.005299	0.1814404	0.0141341	17,993	0.2656806
	Any Non-White vs. White		0.0057139	0.0031173	0.0685505	0.0141341	19,865	0.1124229

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

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0410462	0.0160378	0.0122787	0.1074627	2,991	0.1076619
	Hispanic vs. White		0.0383343	0.0165492	0.0228341	0.1074627	3,238	0.1560333
	Any Non-White vs. White		0.0353561	0.0135077	0.0103566	0.1074627	4,010	0.0835293
	Black vs. White	3 YR	0.0395252	0.0068627	2.89E-08	0.0917267	12,027	3.95E-07
	Hispanic vs. White		0.0442301	0.0065428	1.20E-10	0.0917267	12,932	4.93E-09
	Any Non-White vs. White		0.0362653	0.0052092	3.48E-11	0.0917267	15,654	1.43E-09

Table F.7: Analysis of Warnings by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0022621	0.0467592	0.9620134	0.7222899	773	0.9641392
	Hispanic vs. White		0.0549796	0.0552516	0.3345111	0.7222899	748	0.6404639
	Any Non-White vs. White		-0.0049365	0.0408198	0.9052492	0.7222899	821	0.9795603
	Black vs. White	3 YR	-0.0155583	0.019248	0.4218189	0.6864838	7,531	0.5400621
	Hispanic vs. White		0.0044852	0.0190182	0.8142909	0.6864838	7,340	0.8911293
	Any Non-White vs. White		-0.0093231	0.0151871	0.5414039	0.6864838	8,049	0.6936737
Bristol	Black vs. White	1 YR	-0.1025485	0.0395095	0.0150887	0.6895695	2,335	0.1318195
	Hispanic vs. White		-0.0454003	0.066695	0.5018481	0.6895695	2,262	0.6637346
	Any Non-White vs. White		-0.0777118	0.0294372	0.0136095	0.6895695	2,414	0.0929985
	Black vs. White	3 YR	-0.0603	0.0185887	0.0016495	0.6756757	12,607	0.0096614
	Hispanic vs. White		-0.0989998	0.0313968	0.002188	0.6756757	12,335	0.0112135
	Any Non-White vs. White		-0.0700497	0.0155118	0.0000189	0.6756757	13,057	0.0001932
Burrillville	Black vs. White	1 YR	-0.0425995	0.0467119	0.3704993	0.7630828	3,006	0.6329364
	Hispanic vs. White		-0.0083767	0.0264078	0.7537216	0.7630828	3,039	0.792374
	Any Non-White vs. White		-0.0215017	0.0352402	0.5472706	0.7630828	3,152	0.8013605
	Black vs. White	3 YR	-0.0532333	0.021854	0.0175642	0.726236	12,812	0.0600111
	Hispanic vs. White		-0.0712614	0.0172264	0.0001032	0.726236	12,819	0.0008464
	Any Non-White vs. White		-0.0619766	0.014495	0.0000627	0.726236	13,325	0.0004287
Central Falls	Black vs. White	1 YR	-0.0287466	0.022679	0.2144014	0.4175873	2,466	0.4883588
	Hispanic vs. White		-0.0420952	0.0154323	0.0104054	0.4175873	3,677	0.1066549
	Any Non-White vs. White		-0.0330745	0.0152016	0.0373192	0.4175873	4,523	0.2185837
	Black vs. White	3 YR	-0.0228105	0.0127153	0.0759711	0.3840741	7,641	0.1741849
	Hispanic vs. White		-0.0427194	0.0116383	0.0003958	0.3840741	11,068	0.0027048
	Any Non-White vs. White		-0.0344462	0.010759	0.0018429	0.3840741	13,495	0.0083955
Charlestown	Black vs. White	1 YR	0.0207623	0.0326849	0.5355265	0.8183705	1,819	0.7571237
	Hispanic vs. White		-0.0519973	0.0718013	0.4808807	0.8183705	1,767	0.6572036
	Any Non-White vs. White		0.0024552	0.0325103	0.9408697	0.8183705	1,926	0.9795603
	Black vs. White	3 YR	-0.0344445	0.0174909	0.0547081	0.8097166	9,892	0.1495353
	Hispanic vs. White		-0.0889843	0.0283688	0.0029168	0.8097166	9,623	0.0132877
	Any Non-White vs. White		-0.0349703	0.0145821	0.0204133	0.8097166	10,365	0.0643804
Coventry	Black vs. White	1 YR	-0.0270322	0.0338806	0.4300402	0.7658461	3,105	0.6547617
	Hispanic vs. White		-0.0417785	0.0277074	0.140086	0.7658461	3,035	0.5153106
	Any Non-White vs. White		-0.0296103	0.0196237	0.1398151	0.7658461	3,246	0.3821613
	Black vs. White	3 YR	-0.0153183	0.0156357	0.3291891	0.7439174	14,927	0.4820268
	Hispanic vs. White		-0.0023407	0.0197894	0.9060408	0.7439174	14,693	0.9286919
	Any Non-White vs. White		0.0015568	0.012381	0.9001441	0.7439174	15,489	0.9463053
Cranston	Black vs. White	1 YR	0.0166804	0.0097631	0.0910645	0.8044733	14,923	0.3238418
	Hispanic vs. White		0.0127547	0.010387	0.2227072	0.8044733	16,190	0.569698
	Any Non-White vs. White		0.0157665	0.0094795	0.0997851	0.8044733	19,398	0.314707
	Black vs. White	3 YR	0.0041521	0.0053786	0.4407695	0.7666082	60,104	0.5400621
	Hispanic vs. White		-0.006135	0.0051059	0.2305225	0.7666082	63,549	0.4208635
	Any Non-White vs. White		-0.0000967	0.0047257	0.9836815	0.7666082	77,507	0.9836815
Cumberland	Black vs. White	1 YR	0.0111244	0.0283162	0.6966745	0.527445	3,110	0.8655652
	Hispanic vs. White		0.025633	0.0183513	0.1705811	0.527445	3,249	0.5379865
	Any Non-White vs. White		0.0168596	0.0181786	0.3595515	0.527445	3,587	0.6528982
	Black vs. White	3 YR	0.0242285	0.0120999	0.0477743	0.5423987	11,417	0.1399104
	Hispanic vs. White		0.007173	0.0162571	0.6599341	0.5423987	11,868	0.8455406
	Any Non-White vs. White		0.007498	0.0107617	0.4874644	0.5423987	13,140	0.6662014
East Greenwich	Black vs. White	1 YR	-0.012681	0.0839111	0.8811412	0.7028571	831	0.9498195
	Hispanic vs. White		-0.0932697	0.0533693	0.0933133	0.7028571	819	0.4782308
	Any Non-White vs. White		-0.0427994	0.0465107	0.36626	0.7028571	874	0.6528982
	Black vs. White	3 YR	-0.0272528	0.0344408	0.4312026	0.6263263	2,849	0.5400621
	Hispanic vs. White		-0.0192215	0.0367379	0.6023341	0.6263263	2,817	0.8455406
	Any Non-White vs. White		-0.0070747	0.0276064	0.7984172	0.6263263	3,008	0.8819782
East Providence	Black vs. White	1 YR	0.021197	0.0135126	0.1220702	0.7226191	5,191	0.3260898
	Hispanic vs. White		-0.0306947	0.0210883	0.1508226	0.7226191	4,654	0.5153106
	Any Non-White vs. White		0.0056601	0.0123211	0.6476186	0.7226191	5,876	0.8105881
	Black vs. White	3 YR	-0.0021038	0.006485	0.7459962	0.6393104	26,780	0.7842524
	Hispanic vs. White		-0.0141946	0.0082816	0.0881952	0.6393104	23,166	0.2127061
	Any Non-White vs. White		-0.0058581	0.0053925	0.2787139	0.6393104	29,973	0.4761363

Table F.7: Analysis of Warnings by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	0.0766336	0.0714425	0.3324427	0.37196	622	0.5980682
	Hispanic vs. White		0.0343536	0.0352799	0.3749057	0.37196	599	0.6404639
	Any Non-White vs. White		0.0363487	0.0343345	0.3381939	0.37196	697	0.6528982
	Black vs. White	3 YR	0.0510286	0.0372617	0.1840781	0.465847	1,956	0.3369972
	Hispanic vs. White		-0.0390555	0.0431807	0.375547	0.465847	1,943	0.6415595
	Any Non-White vs. White		-0.0273575	0.0299356	0.370262	0.465847	2,191	0.5622497
Glocester	Black vs. White	1 YR	-0.1132887	0.0617045	0.091247	0.5668348	1,496	0.3238418
	Hispanic vs. White		-0.1907845	0.0611083	0.0088208	0.5668348	1,471	0.1066549
	Any Non-White vs. White		-0.156342	0.0438767	0.0039007	0.5668348	1,585	0.0439091
	Black vs. White	3 YR	-0.1015841	0.027043	0.0005631	0.4772497	6,615	0.0046173
	Hispanic vs. White		-0.1480615	0.0283602	5.85E-06	0.4772497	6,492	0.0000799
	Any Non-White vs. White		-0.1161298	0.0218957	4.48E-06	0.4772497	6,918	0.0000612
Hopkinton	Black vs. White	1 YR	-0.0609372	0.0609294	0.3355017	0.6122125	1,157	0.5980682
	Hispanic vs. White		-0.0437164	0.0437414	0.3373151	0.6122125	1,162	0.6404639
	Any Non-White vs. White		-0.0365602	0.0382618	0.3567432	0.6122125	1,261	0.6528982
	Black vs. White	3 YR	-0.0107129	0.0298954	0.7219695	0.5679333	4,926	0.7789671
	Hispanic vs. White		-0.0696536	0.036683	0.0650077	0.5679333	4,820	0.1665821
	Any Non-White vs. White		-0.0426977	0.0263989	0.1136511	0.5679333	5,392	0.2301267
Jamestown	Black vs. White	1 YR	0.007648	0.0332527	0.8223167	0.7309335	1,521	0.928358
	Hispanic vs. White		0.0263549	0.0271656	0.3528169	0.7309335	1,487	0.6404639
	Any Non-White vs. White		-0.0005397	0.020593	0.9795603	0.7309335	1,637	0.9795603
	Black vs. White	3 YR	-0.0293637	0.0323762	0.3701461	0.7221667	4,691	0.52331
	Hispanic vs. White		-0.0414021	0.0270373	0.1337685	0.7221667	4,601	0.2886583
	Any Non-White vs. White		-0.0372147	0.0205401	0.0777208	0.7221667	5,000	0.1866253
Johnston	Black vs. White	1 YR	0.0007334	0.0162281	0.9641392	0.1477295	4,167	0.9641392
	Hispanic vs. White		0.0153166	0.0165726	0.3600961	0.1477295	4,479	0.6404639
	Any Non-White vs. White		0.0038719	0.0130214	0.7674861	0.1477295	5,034	0.8740814
	Black vs. White	3 YR	0.0171139	0.0118839	0.151912	0.1815315	14,324	0.2965901
	Hispanic vs. White		-0.0023478	0.0087594	0.7890449	0.1815315	15,057	0.8911293
	Any Non-White vs. White		-0.0018378	0.0079479	0.8174432	0.1815315	17,105	0.8819782
Lincoln	Black vs. White	1 YR	0.0119736	0.041562	0.7758585	0.5593784	734	0.9088628
	Hispanic vs. White		-0.0535332	0.0518752	0.3128209	0.5593784	768	0.6404639
	Any Non-White vs. White		-0.0211044	0.0411095	0.6125892	0.5593784	897	0.8105881
	Black vs. White	3 YR	-0.0827837	0.0301176	0.0074712	0.5487616	3,210	0.0306319
	Hispanic vs. White		-0.065849	0.0232252	0.0058643	0.5487616	3,393	0.0240435
	Any Non-White vs. White		-0.0739078	0.0193373	0.000269	0.5487616	3,866	0.0015753
Little Compton	Black vs. White	1 YR	0.0254907	0.0385043	0.5291401	0.8129649	874	0.7571237
	Hispanic vs. White		0.0085717	0.0442482	0.8518981	0.8129649	902	0.8518981
	Any Non-White vs. White		0.0453554	0.0284392	0.1547825	0.8129649	940	0.3966303
	Black vs. White	3 YR	-0.0613091	0.0330521	0.0764714	0.8204947	4,052	0.1741849
	Hispanic vs. White		-0.0289199	0.0342271	0.4068475	0.8204947	4,054	0.6672299
	Any Non-White vs. White		-0.0498842	0.0274218	0.0819331	0.8204947	4,241	0.1866253
Middletown	Black vs. White	1 YR	0.0580998	0.0228973	0.0160756	0.6742597	2,796	0.1318195
	Hispanic vs. White		0.0514191	0.0319527	0.1170932	0.6742597	2,463	0.4800821
	Any Non-White vs. White		0.0548237	0.0204001	0.0111924	0.6742597	3,072	0.0917773
	Black vs. White	3 YR	0.0385982	0.0140446	0.0071966	0.6197278	10,795	0.0306319
	Hispanic vs. White		0.0094987	0.0189782	0.6179008	0.6197278	10,022	0.8455406
	Any Non-White vs. White		0.0259517	0.0131943	0.0521766	0.6197278	11,825	0.1375678
Narragansett	Black vs. White	1 YR	0.0483692	0.0315607	0.135208	0.6888165	4,271	0.3260898
	Hispanic vs. White		0.036213	0.0290871	0.2221785	0.6888165	4,184	0.569698
	Any Non-White vs. White		0.0450766	0.0284408	0.1228179	0.6888165	4,597	0.359681
	Black vs. White	3 YR	0.0378949	0.0149054	0.0124559	0.7013745	15,537	0.0464267
	Hispanic vs. White		0.0086199	0.0165014	0.602499	0.7013745	15,109	0.8455406
	Any Non-White vs. White		0.0306959	0.0129833	0.019887	0.7013745	16,428	0.0643804
Newport	Black vs. White	1 YR	-0.0669398	0.0190575	0.0009163	0.8721012	2,568	0.018785
	Hispanic vs. White		-0.0461983	0.0203204	0.0274154	0.8721012	2,265	0.1873388
	Any Non-White vs. White		-0.0605348	0.0149616	0.0001702	0.8721012	2,842	0.0041312
	Black vs. White	3 YR	-0.0260111	0.0076271	0.0008085	0.8852084	17,629	0.0055245
	Hispanic vs. White		-0.0223679	0.009206	0.0161838	0.8852084	15,989	0.0552007
	Any Non-White vs. White		-0.0237653	0.0065979	0.0004131	0.8852084	19,250	0.002117

Table F.7: Analysis of Warnings by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	0.0486946	0.028504	0.094783	0.6920395	3,174	0.3238418
	Hispanic vs. White		-0.0177949	0.0382643	0.6442959	0.6920395	3,129	0.7139495
	Any Non-White vs. White		0.0099237	0.0225955	0.6627224	0.6920395	3,439	0.8105881
	Black vs. White	3 YR	0.0309432	0.0170026	0.0712045	0.6449499	12,048	0.1741849
	Hispanic vs. White		-0.0256005	0.0215026	0.2360942	0.6449499	11,826	0.4208635
	Any Non-White vs. White		0.0009734	0.0129946	0.9404069	0.6449499	12,965	0.963917
North Providence	Black vs. White	1 YR	0.0227658	0.0212444	0.2893654	0.3107417	3,101	0.5980682
	Hispanic vs. White		-0.0083216	0.0173415	0.6335473	0.3107417	2,886	0.7139495
	Any Non-White vs. White		0.0114922	0.0146721	0.4373153	0.3107417	3,910	0.717197
	Black vs. White	3 YR	-0.0067122	0.0102901	0.5154079	0.306438	11,779	0.5869923
	Hispanic vs. White		-0.0263927	0.0127782	0.0409475	0.306438	10,941	0.1199176
	Any Non-White vs. White		-0.0175906	0.0090318	0.053685	0.306438	14,223	0.1375678
North Smithfield	Black vs. White	1 YR	-0.0270133	0.0260384	0.3078204	0.7551724	2,074	0.5980682
	Hispanic vs. White		-0.0099337	0.0174357	0.5731013	0.7551724	2,124	0.6910927
	Any Non-White vs. White		-0.0143571	0.0195076	0.467461	0.7551724	2,608	0.73715
	Black vs. White	3 YR	-0.0116478	0.0118242	0.3275179	0.7315601	10,292	0.4820268
	Hispanic vs. White		-0.0243768	0.0128744	0.0618719	0.7315601	9,750	0.1665821
	Any Non-White vs. White		-0.014102	0.010131	0.1677423	0.7315601	12,251	0.3126106
Pawtucket	Black vs. White	1 YR	0.0454211	0.019814	0.0244466	0.5443098	4,962	0.143187
	Hispanic vs. White		0.0125957	0.0153333	0.4138249	0.5443098	4,421	0.6410066
	Any Non-White vs. White		0.0272845	0.0152309	0.0769195	0.5443098	6,344	0.314707
	Black vs. White	3 YR	0.0366076	0.0088064	0.0000442	0.4249841	22,379	0.0009068
	Hispanic vs. White		0.0138664	0.0084058	0.1003135	0.4249841	20,743	0.2284919
	Any Non-White vs. White		0.0248496	0.0080149	0.0021492	0.4249841	28,293	0.0088119
Portsmouth	Black vs. White	1 YR	0.0258841	0.0137209	0.0673179	0.8888338	7,327	0.3238418
	Hispanic vs. White		0.0056736	0.016205	0.7282931	0.8888338	6,813	0.78579
	Any Non-White vs. White		0.0132066	0.0127845	0.3084841	0.8888338	8,065	0.6528982
	Black vs. White	3 YR	0.0107571	0.0086404	0.2161117	0.8599893	22,299	0.3544232
	Hispanic vs. White		0.0018251	0.0094755	0.8476595	0.8599893	20,962	0.8911293
	Any Non-White vs. White		0.0067675	0.0069803	0.334679	0.8599893	24,234	0.527763
Providence	Black vs. White	1 YR	0.1580777	0.0406985	0.0007498	0.7058142	4,985	0.0185746
	Hispanic vs. White		0.0427665	0.022711	0.0723987	0.7058142	5,215	0.4240497
	Any Non-White vs. White		0.0892231	0.0277799	0.0038681	0.7058142	7,774	0.0399823
	Black vs. White	3 YR	0.154951	0.0199865	4.80E-11	0.7418187	21,397	1.97E-09
	Hispanic vs. White		0.0876868	0.0130824	4.10E-09	0.7418187	21,603	1.60E-07
	Any Non-White vs. White		0.1106304	0.014262	4.72E-11	0.7418187	32,595	1.93E-09
Richmond	Black vs. White	1 YR	0.0413783	0.0858858	0.6403305	0.4496855	1,201	0.8655652
	Hispanic vs. White		0.0689107	0.0938287	0.4795532	0.4496855	1,165	0.6572036
	Any Non-White vs. White		-0.0016914	0.0505916	0.9739878	0.4496855	1,270	0.9795603
	Black vs. White	3 YR	0.0240838	0.0322778	0.4610286	0.47339	4,247	0.5400621
	Hispanic vs. White		-0.0197877	0.0516389	0.7041097	0.47339	4,136	0.8748029
	Any Non-White vs. White		-0.0185811	0.0213221	0.3900011	0.47339	4,466	0.571073
RISP - Hope Valley	Black vs. White	1 YR	-0.0571077	0.0189784	0.0033389	0.5346781	6,527	0.0456312
	Hispanic vs. White		-0.0605015	0.0173109	0.0007163	0.5346781	6,231	0.0293702
	Any Non-White vs. White		-0.0564594	0.0146232	0.0002015	0.5346781	8,017	0.0041312
	Black vs. White	3 YR	-0.0358371	0.0100643	0.0004355	0.4867393	20,627	0.0044637
	Hispanic vs. White		-0.0317444	0.0093195	0.0007585	0.4867393	19,711	0.0044427
	Any Non-White vs. White		-0.0345499	0.0080404	0.0000238	0.4867393	25,175	0.0001954
RISP - Lincoln	Black vs. White	1 YR	0.0011732	0.0096566	0.9034868	0.4300091	11,872	0.9498195
	Hispanic vs. White		-0.0086846	0.0106566	0.4165131	0.4300091	11,503	0.6410066
	Any Non-White vs. White		-0.0051096	0.0089798	0.5702671	0.4300091	15,390	0.8062397
	Black vs. White	3 YR	0.0039734	0.0065644	0.5453313	0.4594737	33,916	0.604286
	Hispanic vs. White		-0.0089778	0.0069523	0.1973272	0.4594737	33,101	0.3852578
	Any Non-White vs. White		-0.0035265	0.00575	0.540025	0.4594737	43,656	0.6936737
RISP - Portsmouth	Black vs. White	1 YR	-0.0769287	0.0501825	0.1327802	0.3403226	559	0.3260898
	Hispanic vs. White		-0.0823829	0.0507268	0.1122206	0.3403226	522	0.4800821
	Any Non-White vs. White		-0.0781451	0.0399026	0.0566907	0.3403226	610	0.2582577
	Black vs. White	3 YR	-0.0249801	0.0333186	0.4544814	0.3592592	2,459	0.5400621
	Hispanic vs. White		-0.0876706	0.0365206	0.0175027	0.3592592	2,349	0.0552007
	Any Non-White vs. White		-0.0420823	0.0251176	0.0957247	0.3592592	2,662	0.2065639

Table F.7: Analysis of Warnings by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	-0.0141574	0.0361599	0.6963685	0.5690994	4,334	0.8655652
	Hispanic vs. White		0.0132021	0.021057	0.5323597	0.5690994	4,329	0.6659926
	Any Non-White vs. White		-0.0075692	0.0231042	0.7439837	0.5690994	5,132	0.8715237
	Black vs. White	3 YR	0.0233157	0.0182542	0.2027632	0.5404859	15,048	0.3463872
	Hispanic vs. White		0.0046706	0.0167471	0.7805669	0.5404859	15,069	0.8911293
	Any Non-White vs. White		0.0086795	0.0150191	0.5638533	0.5404859	18,203	0.700545
RISP - Wickford	Black vs. White	1 YR	-0.0167297	0.0162188	0.3046097	0.4330863	8,255	0.5980682
	Hispanic vs. White		-0.0422709	0.0184904	0.0241817	0.4330863	8,182	0.1873388
	Any Non-White vs. White		-0.028786	0.014497	0.049537	0.4330863	9,698	0.2538771
	Black vs. White	3 YR	-0.0072635	0.0088264	0.4111615	0.4867012	26,919	0.5400621
	Hispanic vs. White		-0.0369452	0.0088857	0.0000413	0.4867012	26,131	0.000423
	Any Non-White vs. White		-0.0209399	0.0073889	0.0048857	0.4867012	31,424	0.0182105
Scituate	Black vs. White	1 YR	0.0248053	0.0306028	0.4311845	0.373913	668	0.6547617
	Hispanic vs. White		-0.0530373	0.0642633	0.4221263	0.373913	651	0.6410066
	Any Non-White vs. White		-0.0298263	0.044083	0.5089631	0.373913	690	0.7728699
	Black vs. White	3 YR	0.0361547	0.0310053	0.2506631	0.277446	4,150	0.3952764
	Hispanic vs. White		-0.0238266	0.0309551	0.4459913	0.277446	4,127	0.7032939
	Any Non-White vs. White		-0.0247315	0.0219114	0.265746	0.277446	4,348	0.4737211
Smithfield	Black vs. White	1 YR	-0.0673283	0.0425744	0.1230394	0.4431391	1,931	0.3260898
	Hispanic vs. White		-0.048632	0.0387497	0.2180267	0.4431391	1,892	0.569698
	Any Non-White vs. White		-0.0522755	0.0300872	0.0913569	0.4431391	2,127	0.314707
	Black vs. White	3 YR	-0.0658487	0.0169549	0.0001819	0.3989998	10,833	0.0024864
	Hispanic vs. White		-0.1028561	0.0163624	7.94E-09	0.3989998	10,758	1.63E-07
	Any Non-White vs. White		-0.0799732	0.0124563	4.24E-09	0.3989998	11,787	8.70E-08
South Kingstown	Black vs. White	1 YR	0.0128842	0.0297172	0.6665109	0.678714	4,208	0.8655652
	Hispanic vs. White		-0.023364	0.0310527	0.4554848	0.678714	4,018	0.6572036
	Any Non-White vs. White		0.0014662	0.0211248	0.9449495	0.678714	4,508	0.9795603
	Black vs. White	3 YR	0.0012613	0.0140376	0.9285379	0.6556923	16,006	0.9285379
	Hispanic vs. White		-0.0088047	0.0194147	0.6508931	0.6556923	15,215	0.8455406
	Any Non-White vs. White		0.0029495	0.0121558	0.8086404	0.6556923	16,972	0.8819782
Tiverton	Black vs. White	1 YR	-0.0242271	0.0289272	0.4121978	0.740389	2,088	0.6547617
	Hispanic vs. White		-0.058677	0.0480491	0.2362162	0.740389	1,987	0.569698
	Any Non-White vs. White		-0.0335645	0.0289993	0.2607352	0.740389	2,210	0.5938967
	Black vs. White	3 YR	-0.0357845	0.0157338	0.0263588	0.7014906	7,357	0.0831317
	Hispanic vs. White		-0.0613151	0.0234386	0.0111222	0.7014906	7,083	0.0414555
	Any Non-White vs. White		-0.029837	0.0136582	0.0326501	0.7014906	7,780	0.0956183
Warwick	Black vs. White	1 YR	0.0279269	0.0163555	0.0908647	0.7299453	10,102	0.3238418
	Hispanic vs. White		-0.0093832	0.015111	0.5360428	0.7299453	9,829	0.6659926
	Any Non-White vs. White		0.0156101	0.0127501	0.2237092	0.7299453	11,147	0.539534
	Black vs. White	3 YR	0.024482	0.0081642	0.0029217	0.6614521	38,025	0.0149738
	Hispanic vs. White		0.0016703	0.0077881	0.8303158	0.6614521	37,357	0.8911293
	Any Non-White vs. White		0.0094451	0.006024	0.1178698	0.6614521	42,038	0.2301267
West Greenwich	Black vs. White	1 YR	0.1709491	0.0610883	0.020767	0.7447917	558	0.1419081
	Hispanic vs. White		-0.1194645	0.1232105	0.3575811	0.7447917	547	0.6404639
	Any Non-White vs. White		0.0344287	0.0665339	0.6173114	0.7447917	576	0.8105881
	Black vs. White	3 YR	0.0565816	0.0346049	0.1128433	0.7370398	2,547	0.2435039
	Hispanic vs. White		0.0012818	0.0350777	0.9711006	0.7370398	2,544	0.9711006
	Any Non-White vs. White		0.022126	0.0273319	0.424803	0.7370398	2,662	0.6005836
West Warwick	Black vs. White	1 YR	0.0297022	0.0190697	0.129488	0.6472287	3,195	0.3260898
	Hispanic vs. White		0.0059941	0.0261303	0.8200693	0.6472287	3,139	0.840571
	Any Non-White vs. White		0.0181696	0.021691	0.4086345	0.6472287	3,457	0.6980839
	Black vs. White	3 YR	-0.0033026	0.0143904	0.8189161	0.586109	14,741	0.839389
	Hispanic vs. White		-0.0033989	0.0165673	0.8378431	0.586109	14,518	0.8911293
	Any Non-White vs. White		-0.006984	0.0147414	0.6366291	0.586109	15,834	0.7676998
Westerly	Black vs. White	1 YR	0.0048861	0.023779	0.8377864	0.6906854	6,895	0.928358
	Hispanic vs. White		-0.0201929	0.0385524	0.6020418	0.6906854	6,725	0.705249
	Any Non-White vs. White		0.0064243	0.0151205	0.672195	0.6906854	7,393	0.8105881
	Black vs. White	3 YR	-0.0176156	0.0133582	0.1890472	0.6806633	18,455	0.3369972
	Hispanic vs. White		-0.0087141	0.0195756	0.6567748	0.6806633	17,751	0.8455406
	Any Non-White vs. White		-0.0102198	0.0102676	0.3209826	0.6806633	19,585	0.5264115

Table F.7: Analysis of Warnings by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0085402	0.0256919	0.7404305	0.5986622	2,691	0.892872
	Hispanic vs. White		-0.071569	0.0251174	0.0054943	0.5986622	2,909	0.1066549
	Any Non-White vs. White		-0.0349436	0.0209306	0.0986127	0.5986622	3,573	0.314707
	Black vs. White	3 YR	0.0173529	0.0120244	0.1504586	0.597865	11,016	0.2965901
	Hispanic vs. White		-0.0178891	0.0124028	0.1506399	0.597865	11,807	0.3088119
	Any Non-White vs. White		-0.0037377	0.0100738	0.7109654	0.597865	14,208	0.8328452

Table F.8: Analysis of Stop Duration by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	0.0064541	0.0158194	0.6886919	0.0323353	783	0.7240095
	Hispanic vs. White		0.030325	0.0319132	0.3561267	0.0323353	760	0.4294469
	Any Non-White vs. White		0.0076134	0.0139481	0.5927038	0.0323353	835	0.6394962
	Black vs. White	3 YR	0.0310865	0.0113102	0.0077127	0.0365408	7,660	0.0131759
	Hispanic vs. White		0.0226775	0.0132512	0.0917114	0.0365408	7,467	0.1212958
	Any Non-White vs. White		0.0183652	0.0088623	0.0421496	0.0365408	8,202	0.0576044
Bristol	Black vs. White	1 YR	0.1073942	0.0425821	0.017871	0.0570012	2,340	0.0431007
	Hispanic vs. White		-0.0154075	0.022976	0.5081759	0.0570012	2,267	0.5952918
	Any Non-White vs. White		0.0660715	0.0315307	0.0456415	0.0570012	2,419	0.0851748
	Black vs. White	3 YR	0.0551666	0.0155933	0.0006374	0.0503169	12,642	0.0018665
	Hispanic vs. White		0.0437006	0.0202995	0.0339803	0.0503169	12,368	0.0496149
	Any Non-White vs. White		0.0486486	0.0135931	0.0005557	0.0503169	13,093	0.0012794
Burrillville	Black vs. White	1 YR	-0.0147841	0.0211867	0.4914944	0.1005162	3,141	0.5757505
	Hispanic vs. White		-0.0296443	0.0160615	0.0763565	0.1005162	3,173	0.1785861
	Any Non-White vs. White		-0.0235848	0.0133648	0.0889257	0.1005162	3,292	0.1350353
	Black vs. White	3 YR	0.0174425	0.0175057	0.3226456	0.0963873	13,217	0.3481176
	Hispanic vs. White		0.0358892	0.014625	0.016776	0.0963873	13,215	0.028659
	Any Non-White vs. White		0.032923	0.0122555	0.00907	0.0963873	13,753	0.013773
Central Falls	Black vs. White	1 YR	0.0293024	0.0107012	0.0100059	0.1061909	2,529	0.0372949
	Hispanic vs. White		0.0145007	0.008885	0.1124736	0.1061909	3,774	0.1921424
	Any Non-White vs. White		0.0163895	0.0088289	0.072634	0.1061909	4,650	0.1145382
	Black vs. White	3 YR	0.014726	0.0055905	0.0098048	0.0869596	7,871	0.0154614
	Hispanic vs. White		0.0143647	0.0040294	0.0005621	0.0869596	11,466	0.002095
	Any Non-White vs. White		0.012947	0.0037421	0.0007988	0.0869596	13,991	0.0015596
Charlestown	Black vs. White	1 YR	0.0293883	0.029712	0.3393996	0.0778564	1,865	0.4216783
	Hispanic vs. White		0.109841	0.059707	0.0871152	0.0778564	1,814	0.1785861
	Any Non-White vs. White		0.0399804	0.0192911	0.0571655	0.0778564	1,977	0.0987664
	Black vs. White	3 YR	0.0511874	0.0171141	0.0043794	0.1054841	10,216	0.0089778
	Hispanic vs. White		0.0750897	0.0246537	0.0037631	0.1054841	9,932	0.0085715
	Any Non-White vs. White		0.0370117	0.0100624	0.0005929	0.1054841	10,713	0.0012794
Coventry	Black vs. White	1 YR	0.0816146	0.0295521	0.0088986	0.1784094	3,155	0.0364842
	Hispanic vs. White		0.0654037	0.030032	0.0358705	0.1784094	3,092	0.11313
	Any Non-White vs. White		0.0681572	0.015283	0.0000738	0.1784094	3,303	0.0007565
	Black vs. White	3 YR	0.0445202	0.0156623	0.0052552	0.1509194	15,133	0.0102602
	Hispanic vs. White		0.050324	0.0220085	0.0239593	0.1509194	14,908	0.0392932
	Any Non-White vs. White		0.0329259	0.011194	0.0039165	0.1509194	15,711	0.006423
Cranston	Black vs. White	1 YR	0.0149626	0.005278	0.0056857	0.0318122	15,124	0.0333021
	Hispanic vs. White		0.0119388	0.0030329	0.0001638	0.0318122	16,385	0.0022391
	Any Non-White vs. White		0.0113247	0.0031334	0.0004987	0.0318122	19,671	0.0034077
	Black vs. White	3 YR	0.0203058	0.0025955	9.99E-14	0.0480604	61,413	4.10E-12
	Hispanic vs. White		0.0122649	0.0021765	4.16E-08	0.0480604	64,753	8.53E-07
	Any Non-White vs. White		0.0132485	0.0017997	1.90E-12	0.0480604	79,175	3.89E-11
Cumberland	Black vs. White	1 YR	0.0503347	0.021443	0.0242172	0.0814503	3,278	0.0516741
	Hispanic vs. White		0.0519942	0.0138446	0.0005644	0.0814503	3,428	0.003857
	Any Non-White vs. White		0.0434782	0.0106024	0.0002024	0.0814503	3,805	0.0016593
	Black vs. White	3 YR	0.0466045	0.0098025	6.07E-06	0.0922406	12,094	0.0000311
	Hispanic vs. White		0.0401751	0.0074008	3.38E-07	0.0922406	12,576	3.46E-06
	Any Non-White vs. White		0.0403038	0.0061467	1.80E-09	0.0922406	13,988	1.47E-08
East Greenwich	Black vs. White	1 YR	0.0048596	0.0362649	0.8944737	0.1075028	848	0.9103298
	Hispanic vs. White		0.099573	0.0553746	0.0842376	0.1075028	836	0.1785861
	Any Non-White vs. White		0.0357562	0.0330484	0.2892139	0.1075028	892	0.3405899
	Black vs. White	3 YR	0.0193333	0.0221854	0.3861888	0.0962289	2,905	0.3958435
	Hispanic vs. White		0.0130517	0.0321666	0.6860358	0.0962289	2,871	0.7401965
	Any Non-White vs. White		0.0135261	0.0180731	0.4564349	0.0962289	3,068	0.4924692
East Providence	Black vs. White	1 YR	0.0361455	0.0143056	0.014217	0.1566596	5,467	0.0431007
	Hispanic vs. White		0.0281224	0.0159807	0.08363	0.1566596	4,867	0.1785861
	Any Non-White vs. White		0.0283063	0.0110824	0.0132014	0.1566596	6,175	0.0360837
	Black vs. White	3 YR	0.042014	0.0057633	8.48E-12	0.1453337	27,813	1.16E-10
	Hispanic vs. White		0.021471	0.0064423	0.0010363	0.1453337	23,980	0.0032684
	Any Non-White vs. White		0.032751	0.004812	1.27E-10	0.1453337	31,136	1.31E-09

Table F.8: Analysis of Stop Duration by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	-0.0143577	0.0205336	0.5155914	0.0807365	628	0.5872013
	Hispanic vs. White		0.0265013	0.0233417	0.3076989	0.0807365	605	0.3822925
	Any Non-White vs. White		-0.0024398	0.0108876	0.8315585	0.0807365	704	0.8523475
	Black vs. White	3 YR	0.0134852	0.0129654	0.3091103	0.0695067	1,988	0.3425277
	Hispanic vs. White		-0.0044869	0.0179723	0.8051695	0.0695067	1,972	0.8252987
	Any Non-White vs. White		-0.0006372	0.0069395	0.9276403	0.0695067	2,225	0.9276403
Glocester	Black vs. White	1 YR	0.0603352	0.035506	0.1150152	0.0886946	1,507	0.1886249
	Hispanic vs. White		0.1226023	0.0413766	0.0118526	0.0886946	1,486	0.0441779
	Any Non-White vs. White		0.0895125	0.0224838	0.0018223	0.0886946	1,600	0.0093395
	Black vs. White	3 YR	0.0433119	0.0199182	0.0357983	0.0762274	6,654	0.0506114
	Hispanic vs. White		0.0488569	0.0210277	0.0253224	0.0762274	6,533	0.0399315
	Any Non-White vs. White		0.0418405	0.0131913	0.0029073	0.0762274	6,961	0.0049666
Hopkinton	Black vs. White	1 YR	0.0512103	0.0394448	0.2167518	0.1441648	1,205	0.2978609
	Hispanic vs. White		0.051231	0.0463359	0.2905543	0.1441648	1,206	0.3722727
	Any Non-White vs. White		0.0583232	0.0242007	0.0314912	0.1441648	1,311	0.0675026
	Black vs. White	3 YR	0.0471802	0.0166723	0.0072486	0.1301222	5,082	0.0129214
	Hispanic vs. White		0.0583629	0.0203038	0.0065214	0.1301222	4,965	0.0140724
	Any Non-White vs. White		0.0465419	0.0143252	0.0023501	0.1301222	5,561	0.0041894
Jamestown	Black vs. White	1 YR	0.0418924	0.0305931	0.1982	0.0800471	1,575	0.2902215
	Hispanic vs. White		0.0436493	0.0331247	0.2143796	0.0800471	1,540	0.2929854
	Any Non-White vs. White		0.026409	0.0260322	0.3321509	0.0800471	1,697	0.378283
	Black vs. White	3 YR	0.0267621	0.0163453	0.1098245	0.0890634	4,893	0.1407127
	Hispanic vs. White		0.0592502	0.0210802	0.0076928	0.0890634	4,797	0.0157703
	Any Non-White vs. White		0.0233549	0.0135713	0.0931949	0.0890634	5,218	0.1157876
Johnston	Black vs. White	1 YR	0.0207997	0.0166659	0.217947	0.0722396	4,217	0.2978609
	Hispanic vs. White		0.0269552	0.0151183	0.0809184	0.0722396	4,535	0.1785861
	Any Non-White vs. White		0.0183364	0.011682	0.1229377	0.0722396	5,100	0.1680148
	Black vs. White	3 YR	0.012597	0.0069905	0.0734981	0.0810377	14,591	0.0972072
	Hispanic vs. White		0.0155718	0.0073238	0.0350935	0.0810377	15,325	0.0496149
	Any Non-White vs. White		0.0102483	0.0052945	0.0547431	0.0810377	17,445	0.0724022
Lincoln	Black vs. White	1 YR	0.0128234	0.0202994	0.5338046	0.0715048	766	0.5915132
	Hispanic vs. White		0.011286	0.020228	0.5822763	0.0715048	793	0.645225
	Any Non-White vs. White		0.0063025	0.0161269	0.6995363	0.0715048	933	0.7354099
	Black vs. White	3 YR	0.042873	0.0158388	0.0083844	0.0720382	3,296	0.0137504
	Hispanic vs. White		0.029015	0.0131064	0.0298015	0.0720382	3,479	0.0452542
	Any Non-White vs. White		0.0308784	0.0114758	0.0087399	0.0720382	3,975	0.013773
Little Compton	Black vs. White	1 YR	-0.0477323	0.0132409	0.0086827	0.0753769	918	0.0364842
	Hispanic vs. White		0.012387	0.0237596	0.6182081	0.0753769	953	0.667014
	Any Non-White vs. White		0.0008942	0.0241625	0.9715115	0.0753769	994	0.9715115
	Black vs. White	3 YR	0.0346109	0.0299437	0.2596019	0.073026	4,171	0.3041051
	Hispanic vs. White		0.0259073	0.0260958	0.3311493	0.073026	4,181	0.3771423
	Any Non-White vs. White		0.0298769	0.0181782	0.1138701	0.073026	4,378	0.1373139
Middletown	Black vs. White	1 YR	0.0541953	0.0231136	0.0252069	0.1293661	2,812	0.0516741
	Hispanic vs. White		0.0303145	0.0243343	0.2216275	0.1293661	2,472	0.2931203
	Any Non-White vs. White		0.0408577	0.0183427	0.0328509	0.1293661	3,091	0.0675026
	Black vs. White	3 YR	0.042488	0.0118151	0.0005196	0.0956821	10,863	0.0018418
	Hispanic vs. White		0.0352458	0.0110258	0.0019	0.0956821	10,073	0.0055644
	Any Non-White vs. White		0.0343286	0.0090649	0.0002702	0.0956821	11,898	0.0007384
Narragansett	Black vs. White	1 YR	0.0672975	0.0206037	0.0026012	0.0945253	4,520	0.0213302
	Hispanic vs. White		0.0565502	0.0185882	0.004662	0.0945253	4,418	0.0238927
	Any Non-White vs. White		0.0478477	0.0140048	0.0017439	0.0945253	4,869	0.0093395
	Black vs. White	3 YR	0.0393232	0.0112595	0.0006993	0.09517	16,509	0.0019113
	Hispanic vs. White		0.0297069	0.011814	0.0134204	0.09517	16,007	0.0239233
	Any Non-White vs. White		0.0281966	0.0080862	0.0007122	0.09517	17,460	0.00146
Newport	Black vs. White	1 YR	0.0862133	0.0181225	0.0000155	0.1210125	2,598	0.0006358
	Hispanic vs. White		0.0978629	0.0200584	0.0000113	0.1210125	2,292	0.0002312
	Any Non-White vs. White		0.0800884	0.0145645	1.12E-06	0.1210125	2,880	0.000046
	Black vs. White	3 YR	0.0642198	0.0083925	1.33E-12	0.0836337	17,760	2.72E-11
	Hispanic vs. White		0.0517075	0.0101415	9.20E-07	0.0836337	16,101	7.54E-06
	Any Non-White vs. White		0.0535163	0.0069591	1.06E-12	0.0836337	19,406	3.89E-11

Table F.8: Analysis of Stop Duration by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	0.0238968	0.0146692	0.1102851	0.0744711	3,269	0.1884037
	Hispanic vs. White		0.0279001	0.021599	0.2031953	0.0744711	3,218	0.2907553
	Any Non-White vs. White		0.021239	0.011018	0.0602234	0.0744711	3,543	0.0987664
	Black vs. White	3 YR	0.0128035	0.0086525	0.1414368	0.0836677	12,490	0.1757245
	Hispanic vs. White		0.0277593	0.0106527	0.0102686	0.0836677	12,262	0.0200482
	Any Non-White vs. White		0.0135282	0.0059355	0.0243246	0.0836677	13,452	0.0343899
North Providence	Black vs. White	1 YR	0.0333061	0.0095458	0.0010637	0.1097923	3,221	0.0109032
	Hispanic vs. White		0.005405	0.0092516	0.5618669	0.1097923	2,958	0.639904
	Any Non-White vs. White		0.0183236	0.0067866	0.0095495	0.1097923	4,044	0.0327937
	Black vs. White	3 YR	0.0326036	0.0064227	1.36E-06	0.1232679	12,075	7.96E-06
	Hispanic vs. White		0.0194213	0.0063331	0.0026539	0.1232679	11,175	0.0068007
	Any Non-White vs. White		0.0276344	0.0051614	3.93E-07	0.1232679	14,573	2.30E-06
North Smithfield	Black vs. White	1 YR	0.0645961	0.0247409	0.0139619	0.1461619	2,262	0.0431007
	Hispanic vs. White		0.0426025	0.0214193	0.0558907	0.1461619	2,315	0.1527679
	Any Non-White vs. White		0.048185	0.0215479	0.0329281	0.1461619	2,851	0.0675026
	Black vs. White	3 YR	0.0709491	0.0110225	8.05E-09	0.165341	11,400	8.25E-08
	Hispanic vs. White		0.0395121	0.0106833	0.0003935	0.165341	10,743	0.0016135
	Any Non-White vs. White		0.0435807	0.0085204	2.06E-06	0.165341	13,573	0.0000106
Pawtucket	Black vs. White	1 YR	0.0135759	0.0095622	0.1594725	0.1076877	5,174	0.2514759
	Hispanic vs. White		-0.0011538	0.0097034	0.9056488	0.1076877	4,581	0.9056488
	Any Non-White vs. White		0.0070149	0.0078278	0.3727952	0.1076877	6,611	0.4130974
	Black vs. White	3 YR	0.0143998	0.0056997	0.0121347	0.1233549	23,168	0.0184268
	Hispanic vs. White		0.0075214	0.0051195	0.1430788	0.1233549	21,409	0.1777646
	Any Non-White vs. White		0.0113476	0.0047428	0.0174488	0.1233549	29,308	0.02555
Portsmouth	Black vs. White	1 YR	0.0404186	0.0164558	0.0189982	0.0460785	7,597	0.0432738
	Hispanic vs. White		0.0291486	0.0120733	0.0209754	0.0460785	7,029	0.0716659
	Any Non-White vs. White		0.0323347	0.0118188	0.0095982	0.0460785	8,373	0.0327937
	Black vs. White	3 YR	0.0311099	0.0072807	0.0000444	0.0365449	22,939	0.0002023
	Hispanic vs. White		0.0370502	0.0082734	0.0000202	0.0365449	21,516	0.000138
	Any Non-White vs. White		0.0283792	0.0060448	8.59E-06	0.0365449	24,976	0.0000352
Providence	Black vs. White	1 YR	-0.0094436	0.0173286	0.5910202	0.2123457	5,460	0.6376797
	Hispanic vs. White		-0.0241983	0.0157276	0.1375499	0.2123457	5,684	0.2255819
	Any Non-White vs. White		-0.0204026	0.0150859	0.1893878	0.2123457	8,505	0.2426531
	Black vs. White	3 YR	0.0219096	0.0085616	0.0126283	0.2117062	23,328	0.0184914
	Hispanic vs. White		0.0097396	0.0074019	0.1924667	0.2117062	23,326	0.2320922
	Any Non-White vs. White		0.0139637	0.0074946	0.0665759	0.2117062	35,407	0.0853003
Richmond	Black vs. White	1 YR	0.0566387	0.0320103	0.1072585	0.0832049	1,227	0.1884037
	Hispanic vs. White		0.1048555	0.0564287	0.0927893	0.0832049	1,190	0.1811602
	Any Non-White vs. White		0.0556037	0.0319214	0.1121408	0.0832049	1,297	0.1642061
	Black vs. White	3 YR	0.0244299	0.0193492	0.2158639	0.0899912	4,327	0.2603065
	Hispanic vs. White		0.0037704	0.0309711	0.903866	0.0899912	4,212	0.903866
	Any Non-White vs. White		0.0032006	0.0159488	0.8422174	0.0899912	4,551	0.8632729
RISP - Hope Valley	Black vs. White	1 YR	0.0146268	0.0087691	0.0984756	0.0927404	6,630	0.1835228
	Hispanic vs. White		0.0133952	0.0082662	0.1083124	0.0927404	6,320	0.1921424
	Any Non-White vs. White		0.0100045	0.0063259	0.1168833	0.0927404	8,128	0.1652487
	Black vs. White	3 YR	0.0161979	0.0047795	0.0008034	0.1073085	20,987	0.0020586
	Hispanic vs. White		0.0209144	0.0058241	0.0003905	0.1073085	20,075	0.0016135
	Any Non-White vs. White		0.0156921	0.004153	0.0001921	0.1073085	25,605	0.0006059
RISP - Lincoln	Black vs. White	1 YR	0.0201553	0.0082254	0.0155499	0.1557939	12,336	0.0431007
	Hispanic vs. White		0.012253	0.0075176	0.1054017	0.1557939	11,957	0.1921424
	Any Non-White vs. White		0.015806	0.0066107	0.018143	0.1557939	16,019	0.0437567
	Black vs. White	3 YR	0.0175183	0.0050599	0.0005933	0.1597885	35,304	0.0018665
	Hispanic vs. White		0.0132894	0.0039742	0.000903	0.1597885	34,415	0.0030854
	Any Non-White vs. White		0.0145275	0.0039033	0.0002253	0.1597885	45,533	0.0006597
RISP -Portsmouth	Black vs. White	1 YR	0.0175366	0.0230963	0.4519245	0.1449045	565	0.5449678
	Hispanic vs. White		0.0488263	0.037952	0.2056562	0.1449045	528	0.2907553
	Any Non-White vs. White		0.0276703	0.0194424	0.1618956	0.1449045	617	0.2141199
	Black vs. White	3 YR	0.0101434	0.0111496	0.3642788	0.0861244	2,473	0.3829597
	Hispanic vs. White		0.0139971	0.0131834	0.2899422	0.0861244	2,363	0.3396465
	Any Non-White vs. White		0.0080475	0.0074652	0.2825875	0.0861244	2,678	0.3131375

Table F.8: Analysis of Stop Duration by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP- Scituate	Black vs. White	1 YR	0.017127	0.0127281	0.1818865	0.1664125	4,414	0.276198
	Hispanic vs. White		0.0026709	0.0116219	0.8187777	0.1664125	4,404	0.8607663
	Any Non-White vs. White		0.0096321	0.0090629	0.2907475	0.1664125	5,227	0.3405899
	Black vs. White	3 YR	0.0126021	0.006315	0.0471133	0.1396597	15,313	0.0643882
	Hispanic vs. White		0.0019207	0.0060078	0.7494616	0.1396597	15,348	0.7878955
	Any Non-White vs. White		0.0070808	0.0053978	0.1907732	0.1396597	18,558	0.2172694
RISP - Wickford	Black vs. White	1 YR	0.0143827	0.0059319	0.0169835	0.0878167	8,414	0.0431007
	Hispanic vs. White		0.0235518	0.0084399	0.0062137	0.0878167	8,340	0.0283068
	Any Non-White vs. White		0.0176071	0.0056142	0.0021915	0.0878167	9,891	0.0099833
	Black vs. White	3 YR	0.0129066	0.0043534	0.0032576	0.0926322	27,559	0.0070295
	Hispanic vs. White		0.0113924	0.00457	0.0131737	0.0926322	26,749	0.0239233
	Any Non-White vs. White		0.0129226	0.0037237	0.0005899	0.0926322	32,190	0.0012794
Scituate	Black vs. White	1 YR	-0.005087	0.0443598	0.9103298	0.0475524	687	0.9103298
	Hispanic vs. White		0.2461071	0.0526243	0.0002981	0.0475524	676	0.0024447
	Any Non-White vs. White		0.0942013	0.0353627	0.0176941	0.0475524	715	0.0437567
	Black vs. White	3 YR	0.0196003	0.0178662	0.2788638	0.0427522	4,278	0.3175949
	Hispanic vs. White		0.0494441	0.0326844	0.1376532	0.0427522	4,258	0.1763682
	Any Non-White vs. White		0.0218258	0.0136675	0.1176099	0.0427522	4,487	0.1377717
Smithfield	Black vs. White	1 YR	0.0736102	0.0181114	0.0002692	0.1824885	1,966	0.005145
	Hispanic vs. White		0.1041094	0.0290395	0.0010443	0.1824885	1,931	0.0061165
	Any Non-White vs. White		0.0818628	0.0147238	3.22E-06	0.1824885	2,169	0.0000614
	Black vs. White	3 YR	0.0526043	0.0136748	0.0002076	0.150441	11,022	0.0008514
	Hispanic vs. White		0.0417357	0.0138212	0.0031905	0.150441	10,945	0.0076947
	Any Non-White vs. White		0.0445475	0.0107903	0.0000743	0.150441	12,008	0.0002771
South Kingstown	Black vs. White	1 YR	0.0276981	0.015242	0.0753002	0.0689729	4,371	0.1470146
	Hispanic vs. White		0.0261616	0.0194684	0.1853306	0.0689729	4,163	0.2814279
	Any Non-White vs. White		0.0203198	0.0105086	0.0589445	0.0689729	4,680	0.0987664
	Black vs. White	3 YR	0.0259262	0.0083809	0.0023887	0.0757808	16,629	0.005441
	Hispanic vs. White		0.019772	0.0108761	0.071227	0.0757808	15,772	0.0973435
	Any Non-White vs. White		0.0193478	0.0061262	0.0019421	0.0757808	17,636	0.0036194
Tiverton	Black vs. White	1 YR	0.0747347	0.0289365	0.0177788	0.177498	2,317	0.0431007
	Hispanic vs. White		0.108529	0.0386024	0.0107803	0.177498	2,203	0.0441779
	Any Non-White vs. White		0.0767818	0.0235124	0.00387	0.177498	2,461	0.015867
	Black vs. White	3 YR	0.0397507	0.0119366	0.0014439	0.1608191	7,878	0.0034824
	Hispanic vs. White		0.0790633	0.0191602	0.0001085	0.1608191	7,590	0.00059
	Any Non-White vs. White		0.0474842	0.0119612	0.0001847	0.1608191	8,349	0.0006059
Warwick	Black vs. White	1 YR	0.0506259	0.0137526	0.0003765	0.0979822	10,578	0.005145
	Hispanic vs. White		0.059892	0.0119811	2.43E-06	0.0979822	10,267	0.0000997
	Any Non-White vs. White		0.0465165	0.009591	4.49E-06	0.0979822	11,686	0.0000614
	Black vs. White	3 YR	0.0355274	0.0062732	3.27E-08	0.1041771	39,801	2.68E-07
	Hispanic vs. White		0.0393012	0.0062162	8.45E-10	0.1041771	39,058	3.46E-08
	Any Non-White vs. White		0.0311883	0.0045737	4.40E-11	0.1041771	44,071	6.01E-10
West Greenwich	Black vs. White	1 YR	0.0511105	0.0424094	0.2588686	0.0839041	566	0.3316754
	Hispanic vs. White		0.0100751	0.0686145	0.8864977	0.0839041	555	0.9056488
	Any Non-White vs. White		0.0183187	0.0145923	0.2409599	0.0839041	584	0.2993745
	Black vs. White	3 YR	-0.0026894	0.035069	0.9393972	0.1180147	2,604	0.9393972
	Hispanic vs. White		-0.018096	0.0266874	0.5031006	0.1180147	2,599	0.5574898
	Any Non-White vs. White		-0.0049603	0.0243938	0.8402879	0.1180147	2,720	0.8632729
West Warwick	Black vs. White	1 YR	0.0401844	0.0139614	0.0070694	0.1002138	3,448	0.0362308
	Hispanic vs. White		0.0287322	0.0201955	0.164808	0.1002138	3,371	0.2598895
	Any Non-White vs. White		0.0281949	0.0105974	0.0120923	0.1002138	3,735	0.0360837
	Black vs. White	3 YR	0.0336644	0.0094368	0.0005391	0.0945756	15,814	0.0018418
	Hispanic vs. White		0.0333936	0.0107091	0.0023374	0.0945756	15,545	0.006389
	Any Non-White vs. White		0.0242028	0.0064598	0.0002895	0.0945756	17,015	0.0007419
Westerly	Black vs. White	1 YR	0.0604366	0.0197875	0.0031615	0.1308174	6,994	0.0216033
	Hispanic vs. White		0.0722153	0.0187427	0.0002486	0.1308174	6,814	0.0024447
	Any Non-White vs. White		0.0385134	0.0150352	0.0124851	0.1308174	7,495	0.0360837
	Black vs. White	3 YR	0.0704302	0.0125857	8.63E-08	0.1233338	18,715	5.90E-07
	Hispanic vs. White		0.0524886	0.0132962	0.0001151	0.1233338	17,993	0.00059
	Any Non-White vs. White		0.0465064	0.0086648	2.57E-07	0.1233338	19,865	1.76E-06

Table F.8: Analysis of Stop Duration by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0309706	0.0259317	0.2357159	0.3106965	2,991	0.3117533
	Hispanic vs. White		0.0500147	0.0242835	0.0423566	0.3106965	3,238	0.1240444
	Any Non-White vs. White		0.0408994	0.0201913	0.0457035	0.3106965	4,010	0.0851748
	Black vs. White	3 YR	0.031248	0.0111718	0.005625	0.260828	12,027	0.010483
	Hispanic vs. White		0.0474148	0.0089398	2.74E-07	0.260828	12,932	3.46E-06
	Any Non-White vs. White		0.0376097	0.0078842	3.27E-06	0.260828	15,654	0.0000149

Table F.9: Analysis of Investigative or Suspicion Stops by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	-0.0005895	0.0205404	0.9774589	0.0143713	783	0.9774589
	Hispanic vs. White		-0.0036003	0.018203	0.8457047	0.0143713	760	0.9257364
	Any Non-White vs. White		-0.0058715	0.0131209	0.6605189	0.0143713	835	0.8785206
	Black vs. White	3 YR	0.0023937	0.0061958	0.7004794	0.0108404	7,660	0.8463772
	Hispanic vs. White		0.0080387	0.0065367	0.2231451	0.0108404	7,467	0.6094559
	Any Non-White vs. White		-0.0003217	0.0032278	0.920909	0.0108404	8,202	0.9843873
Bristol	Black vs. White	1 YR	-0.0032103	0.0033292	0.3434569	0.0008261	2,340	0.6811981
	Hispanic vs. White		-0.0008513	0.0007143	0.2437259	0.0008261	2,267	0.7484738
	Any Non-White vs. White		-0.0026077	0.0024641	0.2993096	0.0008261	2,419	0.7669809
	Black vs. White	3 YR	0.0005167	0.0023936	0.8295869	0.0025197	12,642	0.919272
	Hispanic vs. White		-0.0030065	0.0009636	0.0024231	0.0025197	12,368	0.0496728
	Any Non-White vs. White		-0.0008788	0.0015564	0.5736853	0.0025197	13,093	0.8110723
Burrillville	Black vs. White	1 YR	0.0010748	0.0087096	0.9027379	0.0106286	3,141	0.9774589
	Hispanic vs. White		-0.0025417	0.0073335	0.73169	0.0106286	3,173	0.8810923
	Any Non-White vs. White		-0.0005457	0.0057276	0.9247972	0.0106286	3,292	0.9479171
	Black vs. White	3 YR	0.0044268	0.0051718	0.395081	0.0113397	13,217	0.6253812
	Hispanic vs. White		0.0086206	0.0049517	0.0863525	0.0113397	13,215	0.3744637
	Any Non-White vs. White		0.0074022	0.0038104	0.0562022	0.0113397	13,753	0.2094809
Central Falls	Black vs. White	1 YR	0.0132425	0.0076082	0.091371	0.0199914	2,529	0.4682766
	Hispanic vs. White		0.0067673	0.004484	0.141055	0.0199914	3,774	0.7484738
	Any Non-White vs. White		0.0074335	0.0050409	0.1500848	0.0199914	4,650	0.6524613
	Black vs. White	3 YR	0.0029424	0.0031908	0.358707	0.0194355	7,871	0.6127912
	Hispanic vs. White		-0.0002036	0.0022992	0.9296315	0.0194355	11,466	0.9296315
	Any Non-White vs. White		0.000694	0.0022302	0.7563203	0.0194355	13,991	0.9843873
Charlestown	Black vs. White	1 YR	0.0191501	0.0250487	0.4572537	0.0399393	1,865	0.7244368
	Hispanic vs. White		0.0262856	0.0190945	0.1902518	0.0399393	1,814	0.7484738
	Any Non-White vs. White		0.0197571	0.0132849	0.1591369	0.0399393	1,977	0.6524613
	Black vs. White	3 YR	0.0150567	0.0119924	0.2153676	0.0265809	10,216	0.5140292
	Hispanic vs. White		0.0158565	0.0110901	0.1592521	0.0265809	9,932	0.5022568
	Any Non-White vs. White		0.004869	0.0068947	0.4834844	0.0265809	10,713	0.7624176
Coventry	Black vs. White	1 YR	0.0042104	0.0069671	0.549317	0.0181433	3,155	0.7766206
	Hispanic vs. White		-0.0116537	0.0103956	0.2695026	0.0181433	3,092	0.7484738
	Any Non-White vs. White		0.003741	0.0046898	0.4301375	0.0181433	3,303	0.8515756
	Black vs. White	3 YR	0.0055322	0.0045428	0.2256714	0.0131705	15,133	0.5140292
	Hispanic vs. White		0.0042944	0.0056322	0.4472551	0.0131705	14,908	0.7052869
	Any Non-White vs. White		0.0052919	0.0031166	0.092085	0.0131705	15,711	0.251699
Cranston	Black vs. White	1 YR	-0.00521	0.006654	0.4357387	0.0881695	15,124	0.7244368
	Hispanic vs. White		-0.0023405	0.0068417	0.7330853	0.0881695	16,385	0.8810923
	Any Non-White vs. White		-0.003232	0.0062384	0.6056857	0.0881695	19,671	0.8785206
	Black vs. White	3 YR	-0.0030834	0.0024382	0.2070244	0.0736943	61,413	0.5140292
	Hispanic vs. White		-0.0029656	0.0025071	0.2378364	0.0736943	64,753	0.6094559
	Any Non-White vs. White		-0.0026223	0.0023421	0.2638044	0.0736943	79,175	0.5150467
Cumberland	Black vs. White	1 YR	-0.0082004	0.00803	0.3136091	0.0244351	3,278	0.6767354
	Hispanic vs. White		-0.0062515	0.0058385	0.2908709	0.0244351	3,428	0.7484738
	Any Non-White vs. White		-0.0063849	0.0046781	0.1801174	0.0244351	3,805	0.6713465
	Black vs. White	3 YR	-0.0051947	0.0052046	0.3204146	0.026579	12,094	0.5876406
	Hispanic vs. White		-0.00635	0.0035409	0.0756434	0.026579	12,576	0.3744637
	Any Non-White vs. White		-0.0055501	0.0031142	0.0774464	0.026579	13,988	0.2442542
East Greenwich	Black vs. White	1 YR	-0.0011614	0.0124577	0.9264676	0.0212766	848	0.9774589
	Hispanic vs. White		-0.0025155	0.0078781	0.7521519	0.0212766	836	0.8810923
	Any Non-White vs. White		0.0070468	0.0123461	0.5730579	0.0212766	892	0.8785206
	Black vs. White	3 YR	-0.0075779	0.0158209	0.6332917	0.0344603	2,905	0.8187341
	Hispanic vs. White		0.0052508	0.019323	0.7865391	0.0344603	2,871	0.8739029
	Any Non-White vs. White		-0.0014187	0.0134187	0.9160677	0.0344603	3,068	0.9843873
East Providence	Black vs. White	1 YR	-0.0200582	0.0057384	0.0009052	0.0485515	5,467	0.0371138
	Hispanic vs. White		-0.0134128	0.0086406	0.1259403	0.0485515	4,867	0.7484738
	Any Non-White vs. White		-0.0165907	0.0049918	0.0015183	0.0485515	6,175	0.0622495
	Black vs. White	3 YR	-0.006917	0.0029255	0.0190855	0.0398408	27,813	0.1534593
	Hispanic vs. White		-0.0087743	0.0039031	0.0257419	0.0398408	23,980	0.3518057
	Any Non-White vs. White		-0.0072942	0.0028026	0.0099802	0.0398408	31,136	0.081838

Table F.9: Analysis of Investigative or Suspicion Stops by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	-0.0112102	0.002109	0.0031518	0.009915	628	0.0646124
	Hispanic vs. White		-0.0174698	0.0092415	0.117306	0.009915	605	0.7484738
	Any Non-White vs. White		-0.0131899	0.0030396	0.0074337	0.009915	704	0.1523913
	Black vs. White	3 YR	-0.0178169	0.0096822	0.078685	0.0147982	1,988	0.2527591
	Hispanic vs. White		-0.0145447	0.0111034	0.2037337	0.0147982	1,972	0.5966488
	Any Non-White vs. White		-0.0163296	0.009512	0.099466	0.0147982	2,225	0.2548816
Glocester	Black vs. White	1 YR	-0.0020047	0.0014819	0.2010755	0.0018738	1,507	0.5887142
	Hispanic vs. White		0.0104022	0.0106242	0.3468537	0.0018738	1,486	0.7484738
	Any Non-White vs. White		0.0036384	0.0049639	0.4776469	0.0018738	1,600	0.8785206
	Black vs. White	3 YR	-0.0017532	0.0009246	0.0653762	0.0015791	6,654	0.2527591
	Hispanic vs. White		0.0019314	0.0037812	0.6123064	0.0015791	6,533	0.7874715
	Any Non-White vs. White		-0.0001492	0.0016843	0.9298551	0.0015791	6,961	0.9843873
Hopkinton	Black vs. White	1 YR	-0.018842	0.0169595	0.2866958	0.0419527	1,205	0.6767354
	Hispanic vs. White		-0.0301544	0.0237456	0.2281944	0.0419527	1,206	0.7484738
	Any Non-White vs. White		-0.0317375	0.0112758	0.0146139	0.0419527	1,311	0.1997232
	Black vs. White	3 YR	-0.0044706	0.0094581	0.639012	0.0314522	5,082	0.8187341
	Hispanic vs. White		-0.0097046	0.0110683	0.3859694	0.0314522	4,965	0.6593644
	Any Non-White vs. White		-0.0114662	0.006507	0.0856861	0.0314522	5,561	0.2509378
Jamestown	Black vs. White	1 YR	-0.0054335	0.0033535	0.1334703	0.0058858	1,575	0.5887142
	Hispanic vs. White		-0.0056333	0.0033863	0.1243994	0.0058858	1,540	0.7484738
	Any Non-White vs. White		-0.0020459	0.0050865	0.6952173	0.0058858	1,697	0.8785206
	Black vs. White	3 YR	0.0004009	0.0045558	0.9303445	0.0088106	4,893	0.9303445
	Hispanic vs. White		0.006762	0.0071601	0.3507794	0.0088106	4,797	0.6543087
	Any Non-White vs. White		0.0054975	0.0045914	0.2383964	0.0088106	5,218	0.5017628
Johnston	Black vs. White	1 YR	-0.0116635	0.0095903	0.2297421	0.0377839	4,217	0.5887142
	Hispanic vs. White		0.0008887	0.0058841	0.8805785	0.0377839	4,535	0.9257364
	Any Non-White vs. White		-0.0029958	0.0052041	0.5674821	0.0377839	5,100	0.8785206
	Black vs. White	3 YR	-0.0070098	0.003923	0.0759313	0.0371113	14,591	0.2527591
	Hispanic vs. White		-0.004111	0.0025515	0.1091988	0.0371113	15,325	0.3744637
	Any Non-White vs. White		-0.0045487	0.0023539	0.0551485	0.0371113	17,445	0.2094809
Lincoln	Black vs. White	1 YR	0.00093	0.0201013	0.9634984	0.0501601	766	0.9774589
	Hispanic vs. White		0.0002432	0.0170695	0.9887539	0.0501601	793	0.9887539
	Any Non-White vs. White		-0.0025323	0.0155466	0.8720334	0.0501601	933	0.9167531
	Black vs. White	3 YR	-0.0042425	0.0110414	0.7018738	0.0481928	3,296	0.8463772
	Hispanic vs. White		0.0017706	0.009632	0.8546364	0.0481928	3,479	0.898464
	Any Non-White vs. White		-0.000179	0.0091187	0.9843873	0.0481928	3,975	0.9843873
Little Compton	Black vs. White	1 YR	0.0296154	0.0149704	0.0884074	0.0030151	918	0.4682766
	Hispanic vs. White		-0.0041128	0.0022893	0.115468	0.0030151	953	0.7484738
	Any Non-White vs. White		0.0078232	0.0030778	0.038559	0.0030151	994	0.3161837
	Black vs. White	3 YR	0.0022159	0.0069219	0.7517615	0.0029667	4,171	0.8777177
	Hispanic vs. White		0.0038648	0.0066885	0.5689954	0.0029667	4,181	0.7874715
	Any Non-White vs. White		0.0022822	0.0036468	0.5376084	0.0029667	4,378	0.7872123
Middletown	Black vs. White	1 YR	-0.0009394	0.0034668	0.7880929	0.0051746	2,812	0.9556901
	Hispanic vs. White		0.004722	0.0060069	0.4374222	0.0051746	2,472	0.7967089
	Any Non-White vs. White		0.0012556	0.0033128	0.7071019	0.0051746	3,091	0.8785206
	Black vs. White	3 YR	0.0001661	0.0018047	0.9268758	0.0033602	10,863	0.9303445
	Hispanic vs. White		0.0003411	0.0022155	0.8779832	0.0033602	10,073	0.8999327
	Any Non-White vs. White		0.0006436	0.0014452	0.6570916	0.0033602	11,898	0.8980252
Narragansett	Black vs. White	1 YR	0.0050207	0.0077271	0.5204889	0.0244002	4,520	0.7621445
	Hispanic vs. White		0.00588	0.0095	0.5403282	0.0244002	4,418	0.7967089
	Any Non-White vs. White		0.0082402	0.0063156	0.2012838	0.0244002	4,869	0.6877197
	Black vs. White	3 YR	0.0060607	0.0055929	0.2809841	0.0240357	16,509	0.5760174
	Hispanic vs. White		0.0035706	0.0054987	0.5175124	0.0240357	16,007	0.7617387
	Any Non-White vs. White		0.0047744	0.0040818	0.2447623	0.0240357	17,460	0.5017628
Newport	Black vs. White	1 YR	0.0269647	0.0121517	0.0307904	0.0145631	2,598	0.4208024
	Hispanic vs. White		-0.0054821	0.0025879	0.0391366	0.0145631	2,292	0.7484738
	Any Non-White vs. White		0.0161645	0.008133	0.0520434	0.0145631	2,880	0.3556302
	Black vs. White	3 YR	0.0106976	0.0028222	0.0002074	0.0073643	17,760	0.0047076
	Hispanic vs. White		0.0006808	0.0022985	0.7674556	0.0073643	16,101	0.8739029
	Any Non-White vs. White		0.0058975	0.0018298	0.0015162	0.0073643	19,406	0.0621653

Table F.9: Analysis of Investigative or Suspicion Stops by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	0.0076012	0.0101859	0.4593989	0.0310296	3,269	0.7244368
	Hispanic vs. White		-0.0041507	0.0082682	0.6181669	0.0310296	3,218	0.7967089
	Any Non-White vs. White		-0.0017669	0.0056924	0.7576877	0.0310296	3,543	0.8875771
	Black vs. White	3 YR	0.0006388	0.0054488	0.9068546	0.0381929	12,490	0.9303445
	Hispanic vs. White		-0.0100872	0.0060161	0.0960812	0.0381929	12,262	0.3744637
	Any Non-White vs. White		-0.0039011	0.003971	0.3277682	0.0381929	13,452	0.5842825
North Providence	Black vs. White	1 YR	-0.0014818	0.0028394	0.6042222	0.012364	3,221	0.8257703
	Hispanic vs. White		-0.0029781	0.0030196	0.329057	0.012364	2,958	0.7484738
	Any Non-White vs. White		-0.00155	0.0024714	0.5335265	0.012364	4,044	0.8785206
	Black vs. White	3 YR	-0.0015709	0.001533	0.3074632	0.0086432	12,075	0.5876406
	Hispanic vs. White		0.0012728	0.0019738	0.5202118	0.0086432	11,175	0.7617387
	Any Non-White vs. White		-0.0001667	0.0014363	0.9077912	0.0086432	14,573	0.9843873
North Smithfield	Black vs. White	1 YR	-0.0078628	0.0056971	0.1777461	0.0189274	2,262	0.5887142
	Hispanic vs. White		-0.0094632	0.0070617	0.1902824	0.0189274	2,315	0.7484738
	Any Non-White vs. White		-0.0094267	0.0057117	0.1092899	0.0189274	2,851	0.5601107
	Black vs. White	3 YR	-0.0086827	0.0043006	0.0468002	0.0278392	11,400	0.2398513
	Hispanic vs. White		-0.008036	0.0049673	0.1095991	0.0278392	10,743	0.3744637
	Any Non-White vs. White		-0.0094329	0.0043095	0.0314846	0.0278392	13,573	0.1583397
Pawtucket	Black vs. White	1 YR	0.0078898	0.0076981	0.3084236	0.065398	5,174	0.6767354
	Hispanic vs. White		-0.0033904	0.0063263	0.5934948	0.065398	4,581	0.7967089
	Any Non-White vs. White		0.0018377	0.005813	0.7527062	0.065398	6,611	0.8875771
	Black vs. White	3 YR	0.004829	0.0034276	0.1600998	0.0579611	23,168	0.4376061
	Hispanic vs. White		0.0008741	0.0032569	0.7886441	0.0579611	21,409	0.8739029
	Any Non-White vs. White		0.0034701	0.002711	0.201699	0.0579611	29,308	0.4594256
Portsmouth	Black vs. White	1 YR	-0.0031807	0.0022175	0.1600957	0.0053719	7,597	0.5887142
	Hispanic vs. White		0.0027906	0.0036964	0.4551914	0.0053719	7,029	0.7967089
	Any Non-White vs. White		-0.0009714	0.0022253	0.6650738	0.0053719	8,373	0.8785206
	Black vs. White	3 YR	-0.0017007	0.0015267	0.2679928	0.0076452	22,939	0.5760174
	Hispanic vs. White		0.001385	0.0026355	0.6003998	0.0076452	21,516	0.7874715
	Any Non-White vs. White		-0.000481	0.0016796	0.7751831	0.0076452	24,976	0.9843873
Providence	Black vs. White	1 YR	0.0470749	0.0236428	0.0584801	0.2562022	5,460	0.4684349
	Hispanic vs. White		0.0128438	0.0219232	0.5636787	0.2562022	5,684	0.7967089
	Any Non-White vs. White		0.0226215	0.0209835	0.2921847	0.2562022	8,505	0.7669809
	Black vs. White	3 YR	0.0355278	0.009157	0.0002313	0.227659	23,328	0.0047416
	Hispanic vs. White		0.0091248	0.0082297	0.271271	0.227659	23,326	0.6542419
	Any Non-White vs. White		0.0197677	0.007966	0.015452	0.227659	35,407	0.0953567
Richmond	Black vs. White	1 YR	-0.0351404	0.0182863	0.0835773	0.0354391	1,227	0.4682766
	Hispanic vs. White		-0.0113334	0.0146084	0.4558162	0.0354391	1,190	0.7967089
	Any Non-White vs. White		-0.0277873	0.0147122	0.0882471	0.0354391	1,297	0.5168761
	Black vs. White	3 YR	-0.0271904	0.009327	0.0064412	0.0280948	4,327	0.0660224
	Hispanic vs. White		-0.0224214	0.0107706	0.0454501	0.0280948	4,212	0.3744637
	Any Non-White vs. White		-0.0165401	0.0085507	0.0619537	0.0280948	4,551	0.211675
RISP - Hope Valley	Black vs. White	1 YR	-0.0009613	0.0036447	0.7925235	0.0626459	6,630	0.9556901
	Hispanic vs. White		0.0001809	0.0039695	0.9637415	0.0626459	6,320	0.987835
	Any Non-White vs. White		-0.0015906	0.0031264	0.6120294	0.0626459	8,128	0.8785206
	Black vs. White	3 YR	-0.0008476	0.002905	0.7706789	0.0927305	20,987	0.8777177
	Hispanic vs. White		0.0034012	0.0034937	0.3311465	0.0927305	20,075	0.6543087
	Any Non-White vs. White		0.0001917	0.0027769	0.9450169	0.0927305	25,605	0.9843873
RISP - Lincoln	Black vs. White	1 YR	-0.0060326	0.0048969	0.2201187	0.0536984	12,336	0.5887142
	Hispanic vs. White		-0.0009281	0.0050882	0.8555324	0.0536984	11,957	0.9257364
	Any Non-White vs. White		-0.0043452	0.0046314	0.3497632	0.0536984	16,019	0.8284611
	Black vs. White	3 YR	-0.0068636	0.0023564	0.0037824	0.0496501	35,304	0.0516925
	Hispanic vs. White		-0.0021745	0.0023293	0.3510925	0.0496501	34,415	0.6543087
	Any Non-White vs. White		-0.005169	0.0019516	0.0083935	0.0496501	45,533	0.081838
RISP - Portsmouth	Black vs. White	1 YR	-0.0058671	0.022036	0.7913495	0.1003185	565	0.9556901
	Hispanic vs. White		-0.0142926	0.0242779	0.5593684	0.1003185	528	0.7967089
	Any Non-White vs. White		-0.0152405	0.017983	0.4014129	0.1003185	617	0.8515756
	Black vs. White	3 YR	0.0046638	0.0082591	0.5730563	0.0588885	2,473	0.8010463
	Hispanic vs. White		0.00489	0.0096933	0.6146119	0.0588885	2,363	0.7874715
	Any Non-White vs. White		-0.0001279	0.005291	0.9807388	0.0588885	2,678	0.9843873

Table F.9: Analysis of Investigative or Suspicion Stops by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	-0.0079267	0.0084171	0.3489064	0.1786123	4,414	0.6811981
	Hispanic vs. White		-0.0038085	0.0074659	0.6112756	0.1786123	4,404	0.7967089
	Any Non-White vs. White		-0.0065507	0.007175	0.3637146	0.1786123	5,227	0.8284611
	Black vs. White	3 YR	-0.0071404	0.0040632	0.0801431	0.1534539	15,313	0.2527591
	Hispanic vs. White		-0.0070578	0.0043168	0.1033316	0.1534539	15,348	0.3744637
	Any Non-White vs. White		-0.0092056	0.003806	0.0162804	0.1534539	18,558	0.0953567
RISP - Wickford	Black vs. White	1 YR	-0.0057976	0.0042373	0.1740763	0.0289694	8,414	0.5887142
	Hispanic vs. White		-0.0041426	0.004145	0.3197949	0.0289694	8,340	0.7484738
	Any Non-White vs. White		-0.0054995	0.002612	0.0375037	0.0289694	9,891	0.3161837
	Black vs. White	3 YR	-0.0016333	0.001924	0.3965832	0.0333178	27,559	0.6253812
	Hispanic vs. White		-0.0021037	0.0022131	0.3425402	0.0333178	26,749	0.6543087
	Any Non-White vs. White		-0.0016311	0.001636	0.3194952	0.0333178	32,190	0.5842825
Scituate	Black vs. White	1 YR	0.0062298	0.0314629	0.8458883	0.020979	687	0.9774589
	Hispanic vs. White		-0.0086011	0.0119082	0.4812286	0.020979	676	0.7967089
	Any Non-White vs. White		-0.0010162	0.0204593	0.9610411	0.020979	715	0.9610411
	Black vs. White	3 YR	0.0069962	0.0099995	0.4879964	0.0169227	4,278	0.7410316
	Hispanic vs. White		-0.0023379	0.0121407	0.8482069	0.0169227	4,258	0.898464
	Any Non-White vs. White		-0.000583	0.0062475	0.9260801	0.0169227	4,487	0.9843873
Smithfield	Black vs. White	1 YR	0.0108104	0.014021	0.4460234	0.1170507	1,966	0.7244368
	Hispanic vs. White		-0.0216934	0.0150225	0.1578743	0.1170507	1,931	0.7484738
	Any Non-White vs. White		0.0019429	0.0095364	0.8397757	0.1170507	2,169	0.9167531
	Black vs. White	3 YR	-0.0152732	0.0089455	0.0907675	0.1149942	11,022	0.265819
	Hispanic vs. White		-0.0330298	0.0099693	0.0012736	0.1149942	10,945	0.0496728
	Any Non-White vs. White		-0.0192226	0.0069665	0.0068569	0.1149942	12,008	0.081838
South Kingstown	Black vs. White	1 YR	-0.0076023	0.0117431	0.5204067	0.0576553	4,371	0.7621445
	Hispanic vs. White		0.0222047	0.0270216	0.4152887	0.0576553	4,163	0.7967089
	Any Non-White vs. White		-0.0017057	0.0089964	0.8504027	0.0576553	4,680	0.9167531
	Black vs. White	3 YR	0.011653	0.00566	0.0413625	0.0495381	16,629	0.2398513
	Hispanic vs. White		0.0081259	0.010431	0.4372949	0.0495381	15,772	0.7052869
	Any Non-White vs. White		0.0117433	0.0055086	0.0347575	0.0495381	17,636	0.1583397
Tiverton	Black vs. White	1 YR	-0.0045955	0.0121165	0.7084801	0.0365556	2,317	0.937022
	Hispanic vs. White		-0.0407308	0.018912	0.0436422	0.0365556	2,203	0.7484738
	Any Non-White vs. White		-0.0131299	0.0109867	0.246039	0.0365556	2,461	0.7669809
	Black vs. White	3 YR	0.0043783	0.0080011	0.5861315	0.031613	7,878	0.8010463
	Hispanic vs. White		-0.0106927	0.0102152	0.2991528	0.031613	7,590	0.6543087
	Any Non-White vs. White		-0.0004793	0.0062612	0.9392203	0.031613	8,349	0.9843873
Warwick	Black vs. White	1 YR	-0.0010288	0.0071796	0.8863501	0.0438612	10,578	0.9774589
	Hispanic vs. White		-0.0090427	0.009454	0.3411067	0.0438612	10,267	0.7484738
	Any Non-White vs. White		-0.0029014	0.0068274	0.6717698	0.0438612	11,686	0.8785206
	Black vs. White	3 YR	-0.0004682	0.0029263	0.8729813	0.0388907	39,801	0.9303445
	Hispanic vs. White		-0.0059072	0.0036094	0.1026724	0.0388907	39,058	0.3744637
	Any Non-White vs. White		-0.0018849	0.0025986	0.4687461	0.0388907	44,071	0.7624176
West Greenwich	Black vs. White	1 YR	0.1227695	0.0866072	0.1900017	0.0667808	566	0.5887142
	Hispanic vs. White		0.0887557	0.1737772	0.6218216	0.0667808	555	0.7967089
	Any Non-White vs. White		0.1039123	0.0933915	0.294692	0.0667808	584	0.7669809
	Black vs. White	3 YR	0.0295618	0.0298159	0.3296521	0.0433824	2,604	0.5876406
	Hispanic vs. White		0.0120299	0.0323857	0.7129973	0.0433824	2,599	0.8739029
	Any Non-White vs. White		0.0155951	0.0234988	0.5121521	0.0433824	2,720	0.7777125
West Warwick	Black vs. White	1 YR	-0.0004444	0.0136824	0.974293	0.0483699	3,448	0.9774589
	Hispanic vs. White		0.013074	0.0133141	0.3337173	0.0483699	3,371	0.7484738
	Any Non-White vs. White		0.0025125	0.0102978	0.808798	0.0483699	3,735	0.9167531
	Black vs. White	3 YR	0.0041066	0.0063468	0.5189782	0.0456147	15,814	0.7599324
	Hispanic vs. White		0.0089598	0.01004	0.3741789	0.0456147	15,545	0.6593644
	Any Non-White vs. White		0.0054353	0.0064229	0.399293	0.0456147	17,015	0.6821256
Westerly	Black vs. White	1 YR	0.0148947	0.0082655	0.0757274	0.0129351	6,994	0.4682766
	Hispanic vs. White		-0.0014945	0.0088558	0.8664576	0.0129351	6,814	0.9257364
	Any Non-White vs. White		0.0041924	0.0053544	0.4361729	0.0129351	7,495	0.8515756
	Black vs. White	3 YR	0.009406	0.0050434	0.0639043	0.0128263	18,715	0.2527591
	Hispanic vs. White		-0.0013226	0.0045947	0.7738054	0.0128263	17,993	0.8739029
	Any Non-White vs. White		0.0046041	0.0034203	0.1800515	0.0128263	19,865	0.434242

Table F.9: Analysis of Investigative or Suspicion Stops by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	-0.0145554	0.0192497	0.4516817	0.1840796	2,991	0.7244368
	Hispanic vs. White		-0.0116399	0.0184441	0.5295987	0.1840796	3,238	0.7967089
	Any Non-White vs. White		-0.0105128	0.0157728	0.50675	0.1840796	4,010	0.8785206
	Black vs. White	3 YR	-0.0180964	0.0078709	0.0224575	0.1638706	12,027	0.1534593
	Hispanic vs. White		-0.0154982	0.0083035	0.0632954	0.1638706	12,932	0.3744637
	Any Non-White vs. White		-0.0171942	0.0065581	0.0093295	0.1638706	15,654	0.081838

Table F.10: Analysis of Discretionary Search by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Barrington	Black vs. White	1 YR	0	0		0	783	
	Hispanic vs. White		0	0		0	760	
	Any Non-White vs. White		0	0		0	835	
	Black vs. White	3 YR	0.0042378	0.0027939	0.1340948	0.0023143	7,660	0.343618
	Hispanic vs. White		0.0047557	0.0052743	0.3705078	0.0023143	7,467	0.6329508
	Any Non-White vs. White		0.0036998	0.0021695	0.092828	0.0023143	8,202	0.2378716
Bristol	Black vs. White	1 YR	0.0210139	0.0212563	0.3316369	0.007848	2,340	0.6021577
	Hispanic vs. White		0.0145993	0.0167042	0.3898299	0.007848	2,267	0.7262437
	Any Non-White vs. White		0.019079	0.0148358	0.2093595	0.007848	2,419	0.4518707
	Black vs. White	3 YR	0.0042953	0.0045295	0.3454901	0.0030541	12,642	0.5666037
	Hispanic vs. White		0.0037914	0.0037255	0.3115167	0.0030541	12,368	0.6247861
	Any Non-White vs. White		0.0039557	0.0029663	0.1856747	0.0030541	13,093	0.4229258
Burrillville	Black vs. White	1 YR	-0.0220472	0.0090538	0.0220527	0.0364409	3,141	0.2782018
	Hispanic vs. White		-0.0175153	0.0086563	0.0534228	0.0364409	3,173	0.2604361
	Any Non-White vs. White		-0.0196635	0.007366	0.0126998	0.0364409	3,292	0.1693301
	Black vs. White	3 YR	0.0077868	0.0067247	0.251002	0.0213709	13,217	0.5006057
	Hispanic vs. White		0.0016143	0.0056953	0.7777284	0.0213709	13,215	0.9110532
	Any Non-White vs. White		0.0042084	0.0046131	0.3648522	0.0213709	13,753	0.5342479
Central Falls	Black vs. White	1 YR	0.0009919	0.0058485	0.8663866	0.0150473	2,529	0.9999989
	Hispanic vs. White		-0.0015364	0.0029935	0.6113001	0.0150473	3,774	0.7632805
	Any Non-White vs. White		-0.0009842	0.0032081	0.7609985	0.0150473	4,650	0.8952924
	Black vs. White	3 YR	-9.08E-06	0.0022028	0.9967196	0.012433	7,871	0.9967196
	Hispanic vs. White		0.0000822	0.0013611	0.9519747	0.012433	11,466	0.9853898
	Any Non-White vs. White		0.0001393	0.0013546	0.9182955	0.012433	13,991	0.9653876
Charlestown	Black vs. White	1 YR	0.0066465	0.009982	0.5163292	0.0075834	1,865	0.7943527
	Hispanic vs. White		-0.0067104	0.0029147	0.0371909	0.0075834	1,814	0.2072063
	Any Non-White vs. White		0.0000706	0.004111	0.9865393	0.0075834	1,977	0.9999996
	Black vs. White	3 YR	0.0063132	0.0057879	0.2808276	0.005596	10,216	0.5006057
	Hispanic vs. White		0.0060287	0.0094363	0.5259382	0.005596	9,932	0.7986468
	Any Non-White vs. White		0.001287	0.0029234	0.6617339	0.005596	10,713	0.7932135
Coventry	Black vs. White	1 YR	0.0003532	0.0082429	0.9660561	0.0214696	3,155	0.9999989
	Hispanic vs. White		-0.010763	0.0130231	0.4138412	0.0214696	3,092	0.7262437
	Any Non-White vs. White		-0.0055866	0.0080083	0.4897865	0.0214696	3,303	0.7256097
	Black vs. White	3 YR	-0.0016984	0.0027817	0.5426196	0.0094166	15,133	0.7671519
	Hispanic vs. White		-0.0027441	0.0039819	0.492053	0.0094166	14,908	0.7986468
	Any Non-White vs. White		-0.0025531	0.0023514	0.2797209	0.0094166	15,711	0.5212981
Cranston	Black vs. White	1 YR	0.0003903	0.0008071	0.629894	0.0022868	15,124	0.9331762
	Hispanic vs. White		0.0003025	0.000656	0.6458527	0.0022868	16,385	0.7632805
	Any Non-White vs. White		0.0001764	0.0005422	0.7456395	0.0022868	19,671	0.8952924
	Black vs. White	3 YR	0.0017311	0.0007017	0.0142053	0.0085994	61,413	0.064713
	Hispanic vs. White		-0.000325	0.0005027	0.5185348	0.0085994	64,753	0.7986468
	Any Non-White vs. White		0.000181	0.0004341	0.6771335	0.0085994	79,175	0.7932135
Cumberland	Black vs. White	1 YR	-0.0001221	0.0018766	0.9484755	0.0026274	3,278	0.9999989
	Hispanic vs. White		0.0015049	0.0029888	0.6174346	0.0026274	3,428	0.7632805
	Any Non-White vs. White		0.0010174	0.0018658	0.5886805	0.0026274	3,805	0.7845871
	Black vs. White	3 YR	0.0004218	0.0016731	0.8014313	0.0033581	12,094	0.8425303
	Hispanic vs. White		0.0012796	0.0013374	0.3407426	0.0033581	12,576	0.6247861
	Any Non-White vs. White		0.0006593	0.0010373	0.526349	0.0033581	13,988	0.7092577
East Greenwich	Black vs. White	1 YR	-0.0181505	0.0081456	0.0350924	0.0134379	848	0.2782018
	Hispanic vs. White		-0.0114966	0.0073397	0.1298372	0.0134379	836	0.3895117
	Any Non-White vs. White		-0.0132661	0.0064657	0.050392	0.0134379	892	0.3033628
	Black vs. White	3 YR	0.0080831	0.0073691	0.2760688	0.0081274	2,905	0.5006057
	Hispanic vs. White		-0.0036702	0.0031969	0.2544533	0.0081274	2,871	0.6247861
	Any Non-White vs. White		0.001935	0.0037256	0.6049484	0.0081274	3,068	0.7516025
East Providence	Black vs. White	1 YR	0.0070942	0.0064722	0.2774914	0.0472568	5,467	0.5341928
	Hispanic vs. White		0.0070203	0.0095577	0.4655408	0.0472568	4,867	0.7262437
	Any Non-White vs. White		0.0052328	0.0060249	0.3885604	0.0472568	6,175	0.6216966
	Black vs. White	3 YR	0.0146028	0.0033742	0.0000245	0.0585894	27,813	0.0003349
	Hispanic vs. White		0.0071541	0.0034338	0.038574	0.0585894	23,980	0.2259332
	Any Non-White vs. White		0.0108638	0.0026487	0.0000608	0.0585894	31,136	0.0008311

Table F.10: Analysis of Discretionary Search by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Foster	Black vs. White	1 YR	-0.0083593	0.0063354	0.2442044	0.0269122	628	0.5341928
	Hispanic vs. White		-0.0057395	0.0014715	0.0114039	0.0269122	605	0.1290483
	Any Non-White vs. White		-0.0069829	0.0040913	0.1485798	0.0269122	704	0.3714496
	Black vs. White	3 YR	-0.0016108	0.0035505	0.6543152	0.0152466	1,988	0.8171268
	Hispanic vs. White		-0.0071118	0.0034883	0.0536669	0.0152466	1,972	0.2750431
	Any Non-White vs. White		-0.004685	0.0020149	0.029245	0.0152466	2,225	0.1199047
Glocester	Black vs. White	1 YR	-0.0064288	0.0038187	0.1180879	0.0043723	1,507	0.3633475
	Hispanic vs. White		-0.0032162	0.0016555	0.0758859	0.0043723	1,486	0.3021271
	Any Non-White vs. White		-0.0051592	0.0029189	0.1025342	0.0043723	1,600	0.3033628
	Black vs. White	3 YR	0.001919	0.0041726	0.6481317	0.0044502	6,654	0.8171268
	Hispanic vs. White		0.0002204	0.0045208	0.9613559	0.0044502	6,533	0.9853898
	Any Non-White vs. White		0.0010161	0.003264	0.7571864	0.0044502	6,961	0.825905
Hopkinton	Black vs. White	1 YR	0.0025202	0.0094441	0.7937661	0.0396644	1,205	0.9999989
	Hispanic vs. White		0.0231692	0.0173295	0.2060226	0.0396644	1,206	0.5356588
	Any Non-White vs. White		0.0074154	0.0068422	0.2981567	0.0396644	1,311	0.5185334
	Black vs. White	3 YR	0.0152386	0.0108665	0.1685258	0.0411574	5,082	0.4064447
	Hispanic vs. White		0.0206833	0.0086068	0.0211103	0.0411574	4,965	0.1977973
	Any Non-White vs. White		0.0145331	0.0081334	0.0815428	0.0411574	5,561	0.2378716
Jamestown	Black vs. White	1 YR	0.0008142	0.0083177	0.9237818	0.0294291	1,575	0.9999989
	Hispanic vs. White		0.0079011	0.0162919	0.6372128	0.0294291	1,540	0.7632805
	Any Non-White vs. White		-0.0004406	0.0074607	0.9539617	0.0294291	1,697	0.9999996
	Black vs. White	3 YR	0.0172406	0.0092283	0.0694543	0.0354338	4,893	0.203402
	Hispanic vs. White		0.0223301	0.0128675	0.0905683	0.0354338	4,797	0.4047315
	Any Non-White vs. White		0.0131956	0.0076513	0.0925154	0.0354338	5,218	0.2378716
Johnston	Black vs. White	1 YR	0.0019702	0.0018053	0.2804512	0.0009789	4,217	0.5341928
	Hispanic vs. White		0.0036334	0.0020552	0.0834258	0.0009789	4,535	0.3021271
	Any Non-White vs. White		0.0020378	0.0011881	0.0926177	0.0009789	5,100	0.3033628
	Black vs. White	3 YR	0.0004702	0.0013998	0.7374071	0.0036653	14,591	0.8171268
	Hispanic vs. White		-0.0003604	0.0011508	0.7545957	0.0036653	15,325	0.9099537
	Any Non-White vs. White		-0.0002775	0.0009287	0.7654729	0.0036653	17,445	0.825905
Lincoln	Black vs. White	1 YR	0.0024761	0.0079301	0.7576681	0.0170758	766	0.9999989
	Hispanic vs. White		0.0038387	0.0079204	0.6325046	0.0170758	793	0.7632805
	Any Non-White vs. White		0.0042191	0.0081142	0.608055	0.0170758	933	0.7845871
	Black vs. White	3 YR	-0.0016326	0.0036889	0.6593261	0.0112952	3,296	0.8171268
	Hispanic vs. White		0.0008213	0.0039593	0.8362215	0.0112952	3,479	0.9523634
	Any Non-White vs. White		0.0001716	0.0032541	0.9580908	0.0112952	3,975	0.9724725
Little Compton	Black vs. White	1 YR	-0.0086442	0.0104505	0.4354324	0.0090452	918	0.7257206
	Hispanic vs. White		-0.0045246	0.0056295	0.4479825	0.0090452	953	0.7262437
	Any Non-White vs. White		-0.0059513	0.0075128	0.4542726	0.0090452	994	0.6988809
	Black vs. White	3 YR	0.026712	0.0209679	0.2154044	0.0187129	4,171	0.4722763
	Hispanic vs. White		0.0059407	0.0061093	0.340966	0.0187129	4,181	0.6247861
	Any Non-White vs. White		0.0132278	0.0111791	0.2487908	0.0187129	4,378	0.5100212
Middletown	Black vs. White	1 YR	0.0003723	0.0069849	0.9578192	0.0245796	2,812	0.9999989
	Hispanic vs. White		0.0079924	0.0095093	0.4066824	0.0245796	2,472	0.7262437
	Any Non-White vs. White		0.0024943	0.0051529	0.63155	0.0245796	3,091	0.7894374
	Black vs. White	3 YR	0.0023502	0.0033854	0.4892747	0.0207493	10,863	0.716438
	Hispanic vs. White		0.0042251	0.0039012	0.281607	0.0207493	10,073	0.6247861
	Any Non-White vs. White		0.0028117	0.0028077	0.3192366	0.0207493	11,898	0.5342479
Narragansett	Black vs. White	1 YR	0.0108822	0.0067703	0.1178037	0.0178388	4,520	0.3633475
	Hispanic vs. White		0.0144522	0.0124953	0.2559939	0.0178388	4,418	0.6067645
	Any Non-White vs. White		0.0140413	0.0080182	0.0894971	0.0178388	4,869	0.3033628
	Black vs. White	3 YR	0.0108423	0.0038656	0.0059905	0.0111594	16,509	0.0409351
	Hispanic vs. White		0.0052075	0.0053225	0.3301035	0.0111594	16,007	0.6247861
	Any Non-White vs. White		0.0082469	0.0035383	0.0216583	0.0111594	17,460	0.0986655
Newport	Black vs. White	1 YR	0.0436048	0.0108864	0.0001941	0.0329404	2,598	0.0048581
	Hispanic vs. White		0.0263422	0.0112732	0.0235018	0.0329404	2,292	0.1527615
	Any Non-White vs. White		0.0335626	0.008625	0.0002804	0.0329404	2,880	0.0079991
	Black vs. White	3 YR	0.0260319	0.0046891	1.05E-07	0.0215264	17,760	2.15E-06
	Hispanic vs. White		0.0111469	0.0037606	0.0034794	0.0215264	16,101	0.0475513
	Any Non-White vs. White		0.0172077	0.0031601	1.75E-07	0.0215264	19,406	3.59E-06

Table F.10: Analysis of Discretionary Search by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
North Kingstown	Black vs. White	1 YR	-0.0093028	0.0044382	0.0417303	0.0211566	3,269	0.2782018
	Hispanic vs. White		-0.000135	0.0077659	0.9862061	0.0211566	3,218	0.9999942
	Any Non-White vs. White		-0.0071752	0.0038665	0.0700491	0.0211566	3,543	0.3033628
	Black vs. White	3 YR	-0.0070655	0.0026226	0.0080203	0.0173874	12,490	0.041104
	Hispanic vs. White		0.0020653	0.0035911	0.566241	0.0173874	12,262	0.8055564
	Any Non-White vs. White		-0.0036695	0.0019975	0.0685353	0.0173874	13,452	0.2161497
North Providence	Black vs. White	1 YR	-0.0001981	0.0015085	0.8960606	0.0032146	3,221	0.9999989
	Hispanic vs. White		-0.0005736	0.0015507	0.7131367	0.0032146	2,958	0.7946381
	Any Non-White vs. White		-0.0003283	0.0012133	0.7878984	0.0032146	4,044	0.9004554
	Black vs. White	3 YR	0.000246	0.0010917	0.8220771	0.0034984	12,075	0.842629
	Hispanic vs. White		0.0017442	0.0011571	0.1342478	0.0034984	11,175	0.5003783
	Any Non-White vs. White		0.0008281	0.0008704	0.3432084	0.0034984	14,573	0.5342479
North Smithfield	Black vs. White	1 YR	0.0098609	0.004601	0.040326	0.0059586	2,262	0.2782018
	Hispanic vs. White		0.0088163	0.0049531	0.0852153	0.0059586	2,315	0.3021271
	Any Non-White vs. White		0.0075613	0.0037404	0.0522254	0.0059586	2,851	0.3033628
	Black vs. White	3 YR	0.0051892	0.00217	0.019105	0.0050817	11,400	0.0753785
	Hispanic vs. White		0.0044986	0.0020229	0.028946	0.0050817	10,743	0.1977973
	Any Non-White vs. White		0.0032218	0.0015122	0.0361594	0.0050817	13,573	0.1347759
Pawtucket	Black vs. White	1 YR	0.0044483	0.0025267	0.082048	0.0161607	5,174	0.3448457
	Hispanic vs. White		-0.0013832	0.0024446	0.573098	0.0161607	4,581	0.7632805
	Any Non-White vs. White		0.0024462	0.0017273	0.1605196	0.0161607	6,611	0.3776931
	Black vs. White	3 YR	0.0063634	0.0019564	0.0012992	0.0143198	23,168	0.0133165
	Hispanic vs. White		0.0016482	0.0013804	0.2336407	0.0143198	21,409	0.6247861
	Any Non-White vs. White		0.0041892	0.0014726	0.0048034	0.0143198	29,308	0.0393883
Portsmouth	Black vs. White	1 YR	0.001506	0.001578	0.3462407	0.0002387	7,597	0.6021577
	Hispanic vs. White		0	0		0.0002387	7,029	
	Any Non-White vs. White		0.0007812	0.0008162	0.3448461	0.0002387	8,373	0.5747436
	Black vs. White	3 YR	0.0009187	0.0011938	0.4434106	0.0021214	22,939	0.6992244
	Hispanic vs. White		0.0016537	0.0014801	0.2665826	0.0021214	21,516	0.6247861
	Any Non-White vs. White		0.0008333	0.0008944	0.3537126	0.0021214	24,976	0.5342479
Providence	Black vs. White	1 YR	0.0683641	0.0157629	0.0002431	0.2562022	5,460	0.0046181
	Hispanic vs. White		0.0412605	0.013291	0.0049953	0.2562022	5,684	0.1011561
	Any Non-White vs. White		0.0524926	0.0126812	0.0003978	0.1915344	8,505	0.0075574
	Black vs. White	3 YR	0.0808561	0.0060427	4.31E-21	0.227659	23,328	1.77E-19
	Hispanic vs. White		0.060872	0.0076982	2.48E-11	0.227659	23,326	9.94E-10
	Any Non-White vs. White		0.0672408	0.0062023	1.04E-16	0.1956123	35,407	4.27E-15
Richmond	Black vs. White	1 YR	0.004329	0.0196246	0.8298491	0.0223421	1,227	0.9999989
	Hispanic vs. White		0.0200632	0.0219927	0.3830935	0.0223421	1,190	0.7262437
	Any Non-White vs. White		0.0063246	0.0100184	0.5420052	0.0223421	1,297	0.7742932
	Black vs. White	3 YR	0.0028221	0.0079029	0.7233621	0.0098771	4,327	0.8171268
	Hispanic vs. White		0.0070864	0.0074792	0.3504898	0.0098771	4,212	0.6247861
	Any Non-White vs. White		0.0024125	0.0038588	0.5362681	0.0098771	4,551	0.7092577
RISP - Hope Valley	Black vs. White	1 YR	-0.0007331	0.0004502	0.1066139	0.0011055	6,630	0.3633475
	Hispanic vs. White		-0.0007102	0.000431	0.1025789	0.0011055	6,320	0.3333815
	Any Non-White vs. White		-0.0006924	0.0004108	0.0949436	0.0011055	8,128	0.3033628
	Black vs. White	3 YR	0.0002338	0.0009001	0.7952734	0.0060807	20,987	0.8425303
	Hispanic vs. White		0.0014877	0.0011673	0.2036016	0.0060807	20,075	0.6247861
	Any Non-White vs. White		0.0009575	0.0008566	0.2645991	0.0060807	25,605	0.5165983
RISP - Lincoln	Black vs. White	1 YR	0.0001171	0.0006833	0.8642029	0.0024947	12,336	0.9999989
	Hispanic vs. White		0.0003244	0.0007774	0.6770702	0.0024947	11,957	0.7766393
	Any Non-White vs. White		0.0002877	0.0004995	0.5655788	0.0024947	16,019	0.7801087
	Black vs. White	3 YR	0.0002454	0.0006585	0.7095727	0.0057263	35,304	0.8171268
	Hispanic vs. White		-0.0000568	0.000786	0.9424167	0.0057263	34,415	0.9853898
	Any Non-White vs. White		-0.0002133	0.0005543	0.7006046	0.0057263	45,533	0.7979108
RISP - Portsmouth	Black vs. White	1 YR	-1.73E-18	1.18E-12	0.9999989	0.0031847	565	0.9999989
	Hispanic vs. White		5.09E-18	5.55E-13	0.9999927	0.0031847	528	0.9999942
	Any Non-White vs. White		-3.56E-19	6.52E-13	0.9999996	0.0031847	617	0.9999996
	Black vs. White	3 YR	0.0043439	0.0043222	0.3163591	0.0011042	2,473	0.5404468
	Hispanic vs. White		-6.66E-19	1.04E-13	0.9999949	0.0011042	2,363	0.9999949
	Any Non-White vs. White		0.002421	0.0024266	0.3198869	0.0011042	2,678	0.5342479

Table F.10: Analysis of Discretionary Search by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
RISP - Scituate	Black vs. White	1 YR	-0.0005515	0.000457	0.2307312	0.0009531	4,414	0.5341928
	Hispanic vs. White		-0.000377	0.000285	0.1894211	0.0009531	4,404	0.5276729
	Any Non-White vs. White		-0.0006056	0.0004845	0.2146386	0.0009531	5,227	0.4518707
	Black vs. White	3 YR	-0.0003589	0.0005065	0.4793015	0.0018249	15,313	0.716438
	Hispanic vs. White		-0.0000758	0.0006419	0.9060587	0.0018249	15,348	0.9853898
	Any Non-White vs. White		-0.0005507	0.0004363	0.2080546	0.0018249	18,558	0.4489599
RISP - Wickford	Black vs. White	1 YR	-0.000537	0.0018351	0.7703896	0.0060563	8,414	0.9999989
	Hispanic vs. White		-0.002336	0.0009236	0.0128598	0.0060563	8,340	0.1290483
	Any Non-White vs. White		-0.0013789	0.0011518	0.2338211	0.0060563	9,891	0.4676422
	Black vs. White	3 YR	0.0005399	0.0010328	0.6015005	0.0058011	27,559	0.8171268
	Hispanic vs. White		0.0003747	0.0010525	0.7220296	0.0058011	26,749	0.897067
	Any Non-White vs. White		0.0000229	0.0006621	0.9724725	0.0058011	32,190	0.9724725
Scituate	Black vs. White	1 YR	-2.08E-18	1.75E-13	0.9999907	0.0027972	687	0.9999989
	Hispanic vs. White		-2.46E-18	3.35E-13	0.9999942	0.0027972	676	0.9999942
	Any Non-White vs. White		-8.72E-19	1.13E-13	0.9999939	0.0027972	715	0.9999996
	Black vs. White	3 YR	0.0028317	0.0073885	0.7034654	0.0126921	4,278	0.8171268
	Hispanic vs. White		0.0083613	0.006561	0.2093722	0.0126921	4,258	0.6247861
	Any Non-White vs. White		0.0017331	0.0032758	0.5994844	0.0126921	4,487	0.7516025
Smithfield	Black vs. White	1 YR	0.0089195	0.0080218	0.2739806	0.0073733	1,966	0.5341928
	Hispanic vs. White		-0.0015619	0.0013766	0.2644871	0.0073733	1,931	0.6067645
	Any Non-White vs. White		0.0047333	0.0041181	0.2584186	0.0073733	2,169	0.4698521
	Black vs. White	3 YR	0.0046399	0.0024071	0.0566559	0.0040772	11,022	0.1786841
	Hispanic vs. White		-0.0004478	0.0009234	0.628727	0.0040772	10,945	0.8055564
	Any Non-White vs. White		0.0020166	0.001355	0.1397302	0.0040772	12,008	0.3369963
South Kingstown	Black vs. White	1 YR	-0.0076424	0.0041784	0.0734854	0.0117446	4,371	0.3448457
	Hispanic vs. White		0.0005005	0.005014	0.9209026	0.0117446	4,163	0.9976445
	Any Non-White vs. White		-0.0047848	0.0032341	0.1454214	0.0117446	4,680	0.3714496
	Black vs. White	3 YR	0.0050162	0.0029992	0.0966602	0.0153035	16,629	0.2642044
	Hispanic vs. White		0.0087039	0.0052362	0.098715	0.0153035	15,772	0.4047315
	Any Non-White vs. White		0.0049362	0.0023989	0.0414603	0.0153035	17,636	0.1416559
Tiverton	Black vs. White	1 YR	0.0239775	0.01209	0.0612407	0.0783916	2,317	0.3448457
	Hispanic vs. White		0.0059791	0.0119638	0.6226949	0.0783916	2,203	0.7632805
	Any Non-White vs. White		0.0154926	0.0081045	0.0703621	0.0783916	2,461	0.3033628
	Black vs. White	3 YR	0.0205914	0.0066226	0.0027987	0.0564004	7,878	0.0229493
	Hispanic vs. White		0.0090459	0.0073822	0.2249266	0.0564004	7,590	0.6247861
	Any Non-White vs. White		0.014429	0.005079	0.0060257	0.0564004	8,349	0.0411756
Warwick	Black vs. White	1 YR	0.0038468	0.0035286	0.2782534	0.0116279	10,578	0.5341928
	Hispanic vs. White		0.0062388	0.0058418	0.2880803	0.0116279	10,267	0.6241741
	Any Non-White vs. White		0.0037423	0.0032456	0.2516204	0.0116279	11,686	0.4698521
	Black vs. White	3 YR	0.0036495	0.0015639	0.0202235	0.0072792	39,801	0.0753785
	Hispanic vs. White		0.0043391	0.0019177	0.0243095	0.0072792	39,058	0.1977973
	Any Non-White vs. White		0.0032541	0.0012252	0.0082929	0.0072792	44,071	0.0485725
West Greenwich	Black vs. White	1 YR	0.0853436	0.0443093	0.0862114	0.0479452	566	0.3448457
	Hispanic vs. White		0.0375175	0.0482593	0.4568616	0.0479452	555	0.7262437
	Any Non-White vs. White		0.0450457	0.0250909	0.106177	0.0479452	584	0.3033628
	Black vs. White	3 YR	0.0228675	0.0200983	0.2645254	0.0533088	2,604	0.5006057
	Hispanic vs. White		-0.0083792	0.0150026	0.5807813	0.0533088	2,599	0.8055564
	Any Non-White vs. White		0.0146564	0.0151549	0.3414873	0.0533088	2,720	0.5342479
West Warwick	Black vs. White	1 YR	0.004344	0.0065756	0.5135785	0.0064137	3,448	0.7943527
	Hispanic vs. White		-0.0012126	0.0019729	0.5433024	0.0064137	3,371	0.7632805
	Any Non-White vs. White		0.0006706	0.0038427	0.8625599	0.0064137	3,735	0.9583998
	Black vs. White	3 YR	0.0042638	0.0034476	0.2188597	0.008982	15,814	0.4722763
	Hispanic vs. White		0.001272	0.0024248	0.6009589	0.008982	15,545	0.8055564
	Any Non-White vs. White		0.0018139	0.002455	0.4616012	0.008982	17,015	0.6526086
Westerly	Black vs. White	1 YR	0.0098447	0.0089711	0.276134	0.0325377	6,994	0.5341928
	Hispanic vs. White		0.0181269	0.0074947	0.0180731	0.0325377	6,814	0.1409704
	Any Non-White vs. White		0.0120392	0.0067272	0.0776599	0.0325377	7,495	0.3033628
	Black vs. White	3 YR	0.0143599	0.0053498	0.0079903	0.0244957	18,715	0.041104
	Hispanic vs. White		0.0026062	0.0053136	0.6244184	0.0244957	17,993	0.8055564
	Any Non-White vs. White		0.009168	0.0035201	0.0100117	0.0244957	19,865	0.0513098

Table F.10: Analysis of Discretionary Search by Department

Department	Comparison	Sample	B=	SE=	P=	Y_Mean=	N=	Qvalue=
Woonsocket	Black vs. White	1 YR	0.0130331	0.010294	0.2089796	0.0711443	2,991	0.5341928
	Hispanic vs. White		0.023363	0.0092417	0.0132357	0.0711443	3,238	0.1290483
	Any Non-White vs. White		0.0167603	0.0082312	0.0446061	0.0711443	4,010	0.3033628
	Black vs. White	3 YR	0.0096922	0.0047023	0.040492	0.0534541	12,027	0.1383478
	Hispanic vs. White		0.0204017	0.0049191	0.0000479	0.0534541	12,932	0.0009813
	Any Non-White vs. White		0.0140774	0.0040252	0.000564	0.0534541	15,654	0.0057813