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Racial Disparities in Law Enforcement Stops

Technical Appendices

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Appendix A. Racial and Identity Profiling Act (RIPA) and Descriptive Statistics

AB 953: The Racial and Identity Profiling Act of 2015

The data utilized was made possible by legislation passed in 2015 by the California Legislature, known as the Racial and Identity Profiling Act (RIPA) of 2015. While issues of race and policing were not new, numerous high-profile officer-involved shootings in the years preceding 2015 had again brought police violence against communities of color into the state and national spotlight. The legislature believed this legislation was needed to examine these issues, and to unite community members and law enforcement in an effort to develop solutions to eliminate racial and identity profiling in law enforcement. The Racial and Identity Profiling Act of 2015, also known as AB 953, included three important actions:

1. Required law enforcement agencies to begin collecting and reporting data on citizen complaints that allege racial and identity profiling.
2. Required law enforcement agencies to collect perceived demographic and other detailed data regarding pedestrian and traffic stops.
3. Created the Racial and Identity Profiling Advisory (RIPA) Board, for the purpose of eliminating racial and identity profiling and improving diversity and racial and identity sensitivity in law enforcement.

The pedestrian and vehicle stop data requirement is what allows us to conduct this research. Specifically, the law requires California law enforcement agencies employing peace officers to annually report their stop data to the California Attorney General, where a "stop" is defined as any detention by a peace officer of a person, or any peace officer interaction with a person in which the officer conducts a search.

The data collection mandate for the pedestrian and traffic stops began in 2018, rolling out according to agency size based on the number of peace officers employed. The largest agencies were required to submit their first reports by April 1, 2019 (commonly called Wave 1), which included the eight largest agencies in CA employing 1,000 or more peace officers and stop data collected between July 1 and December 31, 2018. Wave 1 agencies include the California Highway Patrol, the police departments of the cities of Los Angeles, San Diego, and San Francisco, and the sheriff departments of Los Angeles, San Bernardino, Riverside, and San Diego Counties. The second group of agencies, employing between 667 and 1,000 peace officers, began collecting stop data on January 1, 2019. Wave 2 Agencies: the police departments of the cities of Fresno, Long Beach, Oakland, Sacramento, and San Jose, and the sheriff departments of Orange and Sacramento Counties. Starting on January 1, 2022, virtually all law enforcement agencies in California will be required to collect stop data.

The statutorily mandated data elements include person-level and stop-level information. Officers are required to record their perception of the identity characteristics pertaining to each stopped person, including their race or ethnicity, gender, approximate age, lesbian, gay, bisexual, or transgender (LGBT) status, English fluency, and disability. Officers are prohibited from asking the person stopped to self-identify these characteristics. Consequently, officer perceptions of identity characteristics may differ from how an individual self-identifies. In addition to these person-level observations, a number of data elements provide stop-level information. These elements include: reason for stop (includes, for example, for a traffic violation, reasonable suspicion, parole/probation/PRCS/mandatory supervision, and knowledge of outstanding arrest warrant/wanted person, and consensual encounter resulting in search); action taken by officer during stop (such as suspect removed from vehicle, removed from vehicle by physical contact, curbside detention, handcuffed, canine search, use of

electronic device, chemical spray, and use of firearm); reason for search (probable cause, consent, etc.); contraband or evidence discovered (such as guns, drugs, drug paraphernalia, alcohol, money, or stolen property); and enforcement result of stop (includes no action, warning, citation, cite and release, booking, and psychiatric hold).

Unsurprisingly, stops were not distributed evenly among law enforcement agencies. As Table A1 shows, the California Highway Patrol, with jurisdiction over the entire geography of the state and an emphasis on enforcing traffic violations, had the lion's share of stops recorded by these 15 agencies: 2,172,023, or more than half of the total for the year, 54 percent. Among the 15 largest law enforcement agencies, stops made by police departments account for about 31 percent of total stops, Los Angeles PD accounting for more than half of these stops, or 712,807, followed by San Diego PD with 187,231 stops. Oakland PD reports the fewest of stops, 24,395, among the state's eight largest police departments. California's six largest County Sheriff departments account for about 15 percent of the stops, with Los Angeles Sheriff's department making the most stops, 196,850, followed by San Bernardino Sheriff Department with 157,715 stops in 2019.

Of course, each of these agencies serves a different jurisdiction, each with different populations and number of officers. For example, with a primary mission of highway safety, the CHP is qualitatively different entity from either a county sheriff's department or a municipal police department, and is unique in that it patrols the entire state. To account for differences in size of the agencies, we also present in Table A1 the number of stops per non-jail sworn officers. Combined, the 15 agencies report about 105 stops per officer in 2019. Breaking it down by type of agency, we observe CHP with the highest number of stops per officer, 300, compared to 68 stops per officer for the eight police departments and 46 stops per officer for the six sheriff departments. San Diego and Sacramento PDs report the highest number of stops per officer among police departments, 106 and 100 per officer in 2019 respectively, and Oakland PD with the lowest ratio 33 stops per officer. Among Sheriff Departments, the highest number of stops per office was in San Bernardino County, 120, four times that of Los Angeles Sheriff Department's 30 stops per officer.

TABLE A1

California's 15 largest law enforcement agencies reported almost 4 million stops in 2019

	Number of stops	Number of sworn officers	Number of stops per officer
All 15 Agencies	3,992,074	38,172	105
California Highway Patrol	2,172,023	7,230	300
Police departments	1,230,738	18,173	68
Los Angeles	712,807	9,947	72
San Diego	187,231	1,764	106
San Francisco	101,614	2,279	45
Sacramento	68,012	678	100
Fresno	51,849	806	64
San Jose	44,306	1,150	39
Long Beach	40,524	809	50
Oakland	24,395	740	33
Sheriff departments	589,313	12,769	46
Los Angeles County	196,850	6,647	30
San Bernardino County	157,715	1,314	120
Sacramento County	65,029	1,400	46
San Diego County	60,944	865	70
Riverside County	58,379	1,453	40
Orange County	50,396	1,090	46

SOURCES: Authors calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019 and Criminal Justice Personnel, 2019. Law Enforcement Personnel is limited to full-time non-jail personnel.

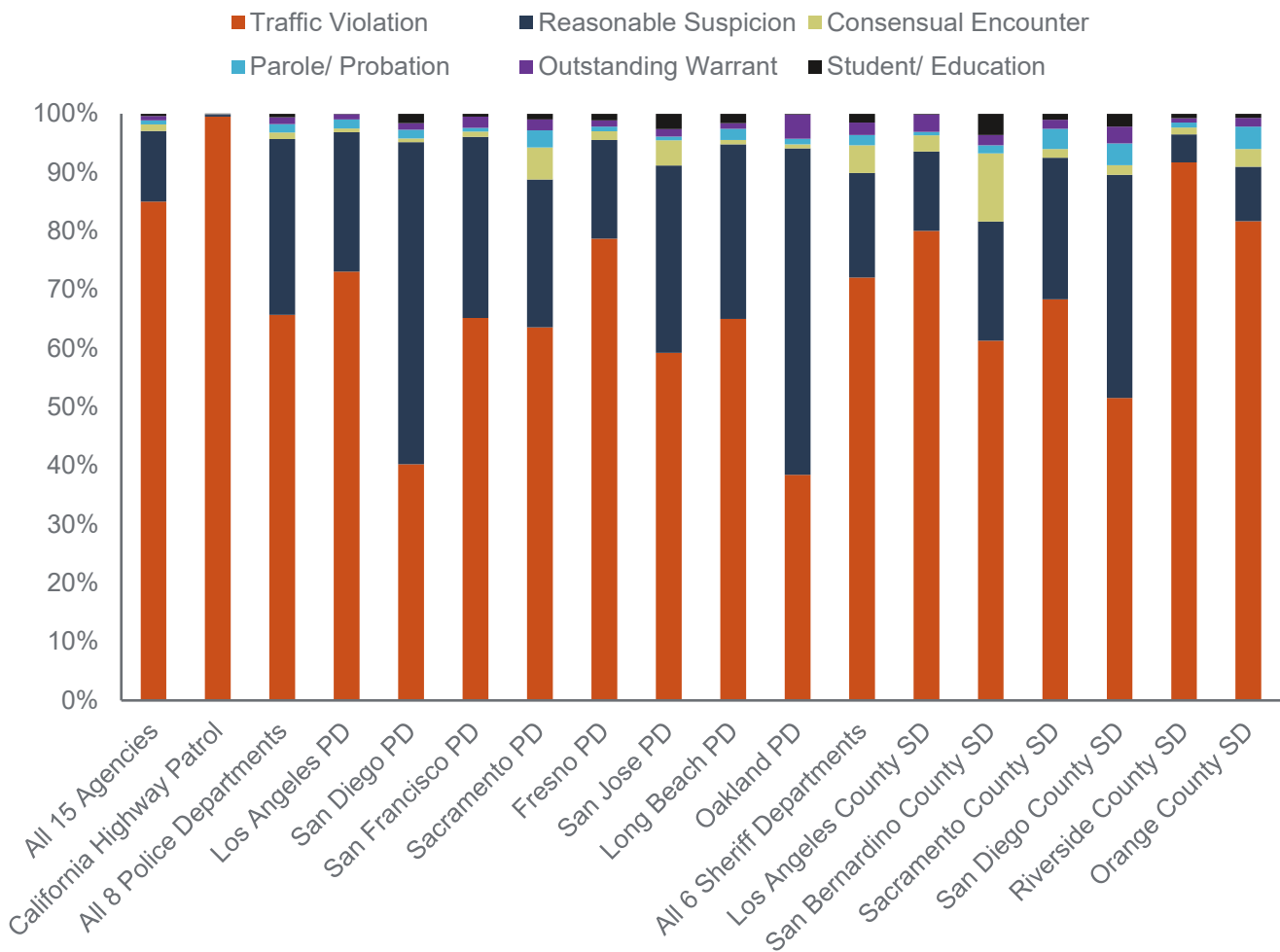
Undoubtedly many factors contribute to differences in the number of stops made by agencies and reasons for stops, including law enforcement agencies primary mission, crime rates and types of crime, population density, driving patterns, and policing strategies. The RIPA data include information on the officer's reported reason for the stop, such as whether an officer stopped a motorist for a traffic violation; a reasonable suspicion of the individual having committed a crime; knowledge of an outstanding arrest warrant or the person being on probation or parole supervision; a juvenile believed to be truant or having violated education code, or if the stop was a consensual encounter (a situation where the individual and an officer interact, and the person is free to leave or decline to speak with the officer).

As Figure A1 shows, traffic violations constituted by far the most commonly reported reason for a stop, at 85 percent across all 15 agencies. Reasonable suspicion of some other violation accounted for another 12 percent, and consensual encounters represent about 1 percent, and remaining reasons constituted less than 1 percent each.

However, as Figure A1 shows, this breakdown varies considerably between law enforcement agencies. While traffic violation was the most commonly reported reason for a stop in most of the law enforcement agencies, the percentage varied from 99.5 percent for CHP to 38.4 percent for Oakland PD. Reasonable suspicion was the reported reason for the majority of stops, about 55 percent, by Oakland and San Diego PDs, but only about 5 and 9 percent respectively in stops by Riverside and Orange Counties' Sheriff's Departments. While stops for

consensual encounters represents the third most common reason for a stop, it is only 0.1 percent of stops made by the CHP, 1.1 percent of stops made by police departments but 4.7 percent of stops by sheriff departments. The highest shares of consensual encounter stops, 11.6 percent, were reported by San Bernardino Sheriff Department.

FIGURE A1
Most stops are for traffic violation but reason for stops vary greatly across agencies



SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A2 shows the percentage of stops by detailed race and ethnicity category, and by the law enforcement agency conducting the stop. Column percentages add to 100%. It begins with the shares of demographic characteristics—gender, sexual orientation, age, English language proficiency, and disability, as perceived and reported by the law enforcement officer—of the persons stopped in 2019. Overall, officers perceived 71% of stops to be of cisgender male subjects, and 29% to be of cisgender female subjects, with considerable variation by race and ethnicity. Officers perceived fewer than 0.2% of their stops to be of transgender persons.

Whether accurate or not, officers perceived much higher percentages of Latino and Asian subjects to have limited English proficiency. (Recall that the recorded race and ethnic designations are also as perceived by the officer, not as self-reported by the subject.) Officers also reported higher-than-average rates of disability among subjects they perceived to be Native American. At this level of disaggregation, however, those figures may be mainly a product

of small sample sizes—at 0.2% of recorded 2019 stops, Native American subjects constitute the smallest race/ethnic group.

Table A2 continues with the distribution of the reason for a stop, by race/ethnicity. This granular treatment of race/ethnicity demonstrates some distinctions that are typically elided by the grouping of smaller populations. For instance, people who appear to be Pacific Islanders are stopped much more frequently for “reasonable suspicion” than are people of apparent Asian or Middle Eastern/South Asian descent: 12.1%, compared to the 5% rate for all three groups in aggregate. The rate of stops made in response to a call for service is more than twice as high for Pacific Islanders than for their Asian or Middle Eastern/South Asian counterparts.

The incidence of a stated reason for a search also varies considerably by race/ethnicity. Note that these incidences are **not** contingent upon the officer having conducted a search. Rather, they are simply the number of times an officer recorded a certain reason for a search, divided by the number of times a person of that race/ethnicity was stopped. For instance, in 1.34% of stops made of a Black person, the officer recorded that visible contraband prompted a search. This percentage reflects many stops that did not result in a search.

The table also shows the incidence of an officer finding contraband as a result of a search. Similarly, these numbers are not contingent upon a search having been conducted. So, for instance, an officer found drugs in 1.86% of the stops conducted on a person who appeared to be Latino.

Of the 15 agencies contributing to 2019 record keeping, the California Highway Patrol made the majority of the stops: 54% overall, but with considerable variation by race and ethnicity. That variation stems in part, of course, from the circumstances of the stop and the decisions each officer makes, but also from the different demographic makeup of the populations in the various geographic regions each agency serves.

TABLE A2

Perceived personal traits and contexts of stops by perceived race/ethnicity

	White	Black	Latino	Asian	Middle East/South Asian	Pacific Islander	Native American	Multi Race/Ethnicity
Demographics								
Male	67.0%	70.7%	74.7%	66.0%	81.1%	67.0%	55.0%	68.0%
Female	32.9%	29.0%	25.2%	33.9%	18.8%	32.1%	36.6%	30.2%
Transgender Man	0.06%	0.15%	0.08%	0.03%	0.02%	0.09%	0.17%	0.54%
Transgender Woman	0.04%	0.10%	0.04%	0.02%	0.01%	0.06%	0.15%	0.12%
Gender Nonconforming	0.04%	0.04%	0.02%	0.03%	0.02%	0.75%	8.06%	1.09%
LGBT	0.7%	0.9%	0.6%	0.5%	0.3%	1.0%	1.1%	1.8%
Age	39.7	35.2	34.3	38.3	37.0	36.2	38.4	34.6
Limited English Proficiency	0.5%	0.9%	8.3%	6.9%	3.6%	1.4%	1.0%	2.0%
Disability								
No Disability	98.7%	98.1%	99.3%	99.0%	99.5%	98.5%	90.4%	98.5%
Mental Health Condition	0.93%	1.41%	0.46%	0.65%	0.33%	1.14%	1.05%	1.06%
Development Disability	0.08%	0.11%	0.05%	0.08%	0.03%	0.13%	0.15%	0.14%
Multiple Disabilities	0.09%	0.12%	0.04%	0.07%	0.03%	0.12%	8.00%	0.17%

	White	Black	Latino	Asian	Middle East/South Asian	Pacific Islander	Native American	Multi Race/Ethnicity
Reason For Stop								
Traffic Stop	85.5%	74.7%	86.4%	93.3%	95.4%	84.8%	83.2%	83.3%
Reasonable Suspicion	11.7%	21.0%	10.7%	5.6%	4.0%	12.1%	12.7%	13.2%
Parole/Probation	0.55%	1.23%	0.75%	0.18%	0.10%	0.63%	0.93%	0.93%
Outstanding Warrant	0.59%	1.19%	0.70%	0.28%	0.18%	0.98%	1.29%	0.86%
Consensual Encounter/Search	1.23%	1.35%	1.09%	0.44%	0.22%	1.02%	1.27%	1.26%
School/Education Violation	0.45%	0.53%	0.39%	0.23%	0.13%	0.54%	0.63%	0.50%
Call for Services	5.17%	8.36%	4.00%	3.03%	2.17%	5.96%	5.65%	6.57%
Basis For Search								
Search Warrant	0.09%	0.22%	0.17%	0.15%	0.06%	0.21%	0.12%	0.16%
Parole/Probation	1.67%	5.46%	2.30%	0.63%	0.38%	2.15%	1.80%	2.97%
Visible Contraband	0.24%	1.34%	0.53%	0.13%	0.11%	0.27%	0.21%	0.72%
Odor of Contraband	0.12%	1.45%	0.51%	0.11%	0.09%	0.22%	0.18%	0.63%
Contraband Found								
Any Contraband	1.82%	4.43%	2.54%	0.98%	0.60%	2.32%	2.15%	3.12%
Weapon	0.37%	1.08%	0.60%	0.25%	0.17%	0.69%	0.69%	0.75%
Property	0.27%	0.66%	0.32%	0.20%	0.11%	0.40%	0.16%	0.47%
Drugs	1.55%	3.22%	1.86%	0.74%	0.45%	1.72%	1.96%	2.46%
Other	0.78%	1.95%	1.42%	0.45%	0.33%	1.09%	1.17%	1.42%
Law Enforcement Agency								
California Highway Patrol	60.7%	35.0%	54.4%	61.1%	68.8%	56.1%	61.6%	47.8%
Police Departments								
Los Angeles	10.0%	30.6%	21.1%	11.5%	13.5%	8.2%	5.6%	9.9%
San Diego	6.02%	5.84%	3.45%	3.91%	2.60%	6.77%	4.35%	4.01%
San Francisco	2.66%	3.80%	1.25%	5.12%	3.98%	5.28%	1.70%	6.71%
Sacramento	1.51%	4.24%	0.93%	1.54%	0.88%	2.46%	1.10%	2.59%
Fresno	1.05%	1.14%	1.68%	1.08%	0.94%	0.51%	1.04%	0.68%
San Jose	0.77%	0.67%	1.41%	2.27%	0.88%	1.68%	0.79%	2.01%
Long Beach	0.71%	1.75%	0.95%	0.86%	0.30%	1.93%	0.48%	6.18%
Oakland	0.25%	2.02%	0.39%	0.51%	0.31%	0.84%	0.35%	0.76%
Sheriff Departments								
Los Angeles	3.42%	5.52%	6.12%	5.80%	2.42%	4.61%	1.46%	7.39%
San Bernardino	4.59%	4.32%	3.79%	2.08%	1.47%	3.25%	5.11%	5.59%
San Diego	2.61%	0.84%	1.24%	1.11%	1.11%	2.98%	4.84%	1.04%
Sacramento	2.05%	2.89%	0.65%	0.93%	0.77%	2.44%	1.23%	3.32%
Riverside	1.71%	1.01%	1.63%	0.84%	0.58%	1.48%	1.86%	1.40%

	White	Black	Latino	Asian	Middle East/South Asian	Pacific Islander	Native American	Multi Race/Ethnicity
Orange County	1.93%	0.31%	1.02%	1.35%	1.43%	1.48%	8.45%	0.63%
Number of Stops	1,322,201	635,092	1,552,485	228,790	187,128	21,092	8,271	37,015

SOURCES: Racial and Identity Profiling Act (RIPA) stop data, 2019.

NOTES: The 2019 Wave 2 data are limited to California's 15 largest law enforcement agencies.

Table A3 shows the rate at which each law enforcement agency conducted a search during a stop, and whether it encountered any type of contraband during that search. The lowest search rate belongs to the CHP, which is perhaps not surprising, given its emphasis on traffic violations. CHP officers conducted a search only 1.6% of the time. By contrast, the Oakland Police Department searched fully half of the people it stopped. On average, police departments showed a slightly higher search rate (24%) than did sheriff's departments (21%), but there is clearly plenty of variation between individual departments.

Once an officer conducts a search, the yield rate shows what percentage of the time some contraband turned up. For instance, of the searches that the Orange County Sheriff's Department conducted, they discovered contraband 31.2% of the time, with drugs as the most commonly found type, at 24.7%. Drugs are the most commonly discovered type of contraband for each of the law enforcement agencies. (The columns typically add to more than the rate of "Any" type of contraband, since more than one type may be found during any search.)

TABLE A3

Search and discovery rates by law enforcement agency

	Search Rate	Yield Rates					No. of Stops	No. of Searches
		Any	Weapon	Property	Drug	Other		
Agency								
CHP	1.6%	11.1%	1.7%	1.0%	8.6%	2.1%	2,172,023	34,920
Sheriff Departments								
Los Angeles	17.9%	25.2%	3.2%	1.5%	18.2%	5.3%	196,850	35,151
San Bernardino	31.9%	15.7%	3.1%	2.2%	10.3%	2.7%	157,715	50,244
San Diego	17.9%	23.0%	3.0%	2.6%	17.7%	4.0%	65,029	11,630
Sacramento	28.1%	16.0%	3.8%	2.9%	8.3%	4.9%	60,944	17,147
Riverside	5.9%	19.1%	2.5%	2.3%	13.4%	3.6%	58,379	3,469
Orange	17.4%	31.2%	2.6%	2.9%	24.7%	5.5%	50,396	8,752
Police Departments								
Los Angeles	24.1%	20.4%	4.5%	2.2%	11.6%	6.4%	712,807	172,018
San Diego	21.1%	23.6%	3.7%	2.7%	16.3%	5.5%	187,231	39,528
San Francisco	17.8%	33.0%	6.9%	7.6%	16.5%	12.3%	101,614	18,133
Sacramento	31.5%	27.5%	4.8%	3.5%	18.1%	7.1%	68,012	21,392
Fresno	10.5%	21.3%	5.4%	2.5%	11.0%	5.7%	51,849	5,429
San Jose	31.2%	34.5%	5.3%	4.5%	24.8%	8.3%	44,306	13,832
Long Beach	20.5%	18.5%	4.1%	2.0%	9.7%	5.3%	40,524	8,289
Oakland	50.1%	29.1%	9.0%	3.4%	14.0%	10.0%	24,395	12,230

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A4 summarizes the minimum level of enforcement that officers from each agency levied on the stops they conducted. CHP officers issued at least a warning nearly all of the time (98.5%)—among the highest rates of any agency. They issued at least a citation in 74.4 percent of all stops—again, among the highest. By contrast, CHP officers’ rate of making at least an arrest (either a cite and release or a booking) was the lowest of any agency, at 4.1 percent, and also booked the lowest share (3.3%) of individuals stopped into jail.

These rates vary widely between agencies. Note that the Los Angeles and Riverside Sheriff’s Departments posted similar rates of issuing at least a warning (91.3% and 93.1%, respectively), but ended up with very different rates of issuing at least a citation (67.8% and 7.1%, respectively). Citation rates cluster together somewhat more closely among police departments.

TABLE A4

Minimum enforcement level of stops, by law enforcement agency

		No. of Stops		Warning	Citation	Arrest	Booking
Agency							
	CHP	2,172,023		98.5%	74.4%	4.1%	3.3%
Sheriff Departments							
	Los Angeles	196,850		91.3%	71.8%	67.8%	11.7%
	San Bernardino	157,715		62.5%	29.3%	15.6%	13.5%
	San Diego	65,029		75.2%	48.5%	13.4%	10.6%
	Sacramento	60,944		66.3%	23.6%	18.0%	15.7%
	Riverside	58,379		93.1%	76.4%	7.1%	4.0%
	Orange	50,396		81.3%	55.7%	11.8%	5.9%
Police Departments							
	Los Angeles	712,807		77.8%	53.3%	11.1%	8.9%
	San Diego	187,231		58.5%	41.8%	18.7%	13.5%
	San Francisco	101,614		81.6%	57.1%	22.4%	9.6%
	Sacramento	68,012		58.3%	32.2%	14.8%	11.3%
	Fresno	51,849		89.2%	73.7%	14.7%	7.8%
	San Jose	44,306		73.0%	49.7%	22.0%	14.1%
	Long Beach	40,524		73.0%	52.3%	12.7%	7.4%
	Oakland	24,395		69.0%	53.5%	28.6%	23.9%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A5 captures the minimum level of intrusiveness of the actions that an officer took during a stop. As with the level of enforcement, we present these as a hierarchy—for instance, CHP officers at least ordered the subject to step out of their vehicle 2.7 percent of the time. This occurred with considerably more frequency among the other agencies—from 8.0 percent in the Riverside Sheriff’s Department, to 54.8 percent in the Oakland Police Department. Incrementally more intrusive levels of involvement occurred with incrementally less frequency as we move to some physical contact, to being detained. In most agencies, there is then a subsequent discrete drop-off in the frequency of being at least handcuffed (e.g., 45.7% to 28.0% in Sacramento’s Sheriff’s Department, and from 31.1% to 17.2% in its Police Department). Similarly, we see a universal drop-off between that and the next two level of intrusiveness: brandishing a weapon to obtain compliance, and then actually using a weapon.

TABLE A5

Minimum level of intrusiveness or use of force, by law enforcement agency

	No. of Stops	No Action	Out of Vehicle	Contact	Detained	Handcuffed	Force/Weapon	Weapon Used
Agency								
CHP	2,172,023	97.3%	2.7%	1.8%	1.7%	1.5%	0.0%	0.0%
Sheriff Departments								
Los Angeles	196,850	71.7%	28.3%	26.6%	25.5%	8.6%	0.4%	0.1%
San Bernardino	157,715	65.3%	34.7%	31.5%	30.5%	15.4%	1.3%	0.1%
San Diego	65,029	74.6%	25.4%	23.7%	23.5%	13.7%	0.4%	0.1%
Sacramento	60,944	50.8%	49.2%	45.9%	45.7%	28.0%	2.3%	0.2%
Riverside	58,379	92.0%	8.0%	7.1%	7.0%	3.8%	0.2%	0.0%
Orange	50,396	78.0%	22.0%	19.6%	19.3%	5.6%	0.4%	0.0%
Police Departments								
Los Angeles	712,807	66.8%	33.2%	29.6%	29.5%	17.8%	0.9%	0.1%
San Diego	187,231	63.2%	36.8%	35.2%	34.9%	26.8%	0.5%	0.1%
San Francisco	101,614	64.6%	35.4%	33.9%	33.2%	14.1%	0.4%	0.1%
Sacramento	68,012	64.2%	35.8%	34.6%	31.1%	17.2%	1.7%	0.1%
Fresno	51,849	77.6%	22.4%	18.9%	18.7%	7.8%	0.5%	0.0%
San Jose	44,306	60.8%	39.2%	31.9%	31.5%	21.7%	1.7%	0.2%
Long Beach	40,524	66.3%	33.7%	31.8%	31.4%	10.6%	1.2%	0.1%
Oakland	24,395	45.2%	54.8%	51.8%	51.5%	39.7%	2.6%	0.3%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A6 shows one way of examining disproportionality in the racial and ethnic distribution of stops and searches, along with the results of those searches. The italicized numbers show the share of each type of incident. Recall that Black residents composed 6 percent of California's population in 2019; here we see that they constituted 15.9 percent of the stops that these agencies made. Furthermore, they were the subject of 28.8 percent of the searches that the agencies conducted. Compare this with the white residents, who were 36 percent of the population, but made up 33.1 percent of the stops, and only 23.9 percent of the subsequent searches.

These rates must be accounted for when considering each racial/ethnic group's contribution to the resulting discovery of various types of contraband. For instance, Latino subjects accounted for 39 percent of the incidents in which officers found drugs. But officers' searches of Latinos constituted 42.1 percent of all searches—a percentage slightly larger than Latinos' representation in the overall population (39%).

TABLE A6

Searches conducted and shares of incidents of contraband discovered, by race/ethnicity

		Asian	Black	Latino	Middle Eastern/ South Asian	Multi Race/ Ethnic	Native American	Pacific Islander	White	Total
Number	Stops	228,790	635,092	1,552,485	187,128	37,015	8,271	21,092	1,322,201	3,992,074
	<i>Shares of Total</i>	<i>5.7%</i>	<i>15.9%</i>	<i>38.9%</i>	<i>4.7%</i>	<i>0.9%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>33.1%</i>	
	Searches	9,709	130,344	190,167	5,789	4,841	888	2,178	108,248	452,164
		<i>2.1%</i>	<i>28.8%</i>	<i>42.1%</i>	<i>1.3%</i>	<i>1.1%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>23.9%</i>	11.3%
Contraband found:										
	Any	2,253	28,152	39,455	1,119	1,155	178	490	24,005	96,807
		<i>2.3%</i>	<i>29.1%</i>	<i>40.8%</i>	<i>1.2%</i>	<i>1.2%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>24.8%</i>	21.4%
	Weapon	464	5,737	7,808	250	228	45	117	3,860	18,509
		<i>2.5%</i>	<i>31.0%</i>	<i>42.2%</i>	<i>1.4%</i>	<i>1.2%</i>	<i>0.2%</i>	<i>0.6%</i>	<i>20.9%</i>	4.1%
	Property	380	3,487	4,241	176	145	11	65	2,910	11,415
		<i>3.3%</i>	<i>30.5%</i>	<i>37.2%</i>	<i>1.5%</i>	<i>1.3%</i>	<i>0.1%</i>	<i>0.6%</i>	<i>25.5%</i>	2.5%
	Drugs	1,416	17,097	23,597	676	713	121	293	16,580	60,493
		<i>2.3%</i>	<i>28.3%</i>	<i>39.0%</i>	<i>1.1%</i>	<i>1.2%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>27.4%</i>	13.4%
	Other	575	7,554	12,007	282	324	38	139	4,961	25,880
		<i>2.2%</i>	<i>29.2%</i>	<i>46.4%</i>	<i>1.1%</i>	<i>1.3%</i>	<i>0.1%</i>	<i>0.5%</i>	<i>19.2%</i>	5.7%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A7 demonstrates another way of presenting disproportionality in searches. These are incidences of searches turning up various types of contraband. The italicized percentages are conditional upon a search having been conducted—as we saw in Table A6, those rates vary considerably between races/ethnicities. The un-italicized percentages are unconditional—they simply show the percentage of all stops of a person of that race/ethnicity that turned up a contraband item.

TABLE A7

Search and yield rates, by race/ethnicity

		Asian	Black	Latino	Middle Eastern/ South Asian	Multi Race/ Ethnic	Native American	Pacific Islander	White	Total
	Search Rate	4.2%	20.5%	12.2%	3.1%	13.1%	10.7%	10.3%	8.2%	11.3%
Yield Rates										
Unconditional	Any	1.0%	4.4%	2.5%	0.6%	3.1%	2.2%	2.3%	1.8%	2.4%
<i>Conditional</i>		23.2%	21.6%	20.7%	19.3%	23.9%	20.0%	22.5%	22.2%	21.4%
	Weapon	0.2%	0.9%	0.5%	0.1%	0.6%	0.5%	0.6%	0.3%	0.5%
		4.8%	4.4%	4.1%	4.3%	4.7%	5.1%	5.4%	3.6%	4.1%
	Property	0.2%	0.5%	0.3%	0.1%	0.4%	0.1%	0.3%	0.2%	0.3%
		3.9%	2.7%	2.2%	3.0%	3.0%	1.2%	3.0%	2.7%	2.5%
	Drugs	0.6%	2.7%	1.5%	0.4%	1.9%	1.5%	1.4%	1.3%	1.5%
		14.6%	13.1%	12.4%	11.7%	14.7%	13.6%	13.5%	15.3%	13.4%
	Other	0.3%	1.2%	0.8%	0.2%	0.9%	0.5%	0.7%	0.4%	0.6%
		5.9%	5.8%	6.3%	4.9%	6.7%	4.3%	6.4%	4.6%	5.7%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A8 shows the minimum level of enforcement that law enforcement officers levied on people from each racial/ethnic group that they stopped in 2019, by absolute number and share of the total. That is, of those to whom officers issued at least a warning upon being stopped, 5.0 percent appeared to be of Middle Eastern/South Asian descent. Among Asian and white subjects, the general trend is that, as the enforcement level increases, a smaller portion of their stops are subjected to that level. That is, 33.1 percent of those who were at least cited were white, while just 28.4 percent of those booked were white. However, among Black and Latino subjects, that share tends to increase with the severity of enforcement. Of those issued at least a citation, 13.1 percent were Black; of those booked into jail, 23.0 percent were Black.

TABLE A8

Minimum enforcement following a stop, by race/ethnicity

	Warning		Citation		Arrest		Booking		Booking/Arrests
	Number	Share	Number	Share	Number	Share	Number	Share	
Asian	215,090	6.1%	165,299	6.5%	21,466	4.7%	7,028	2.7%	32.7%
Black	503,703	14.3%	335,597	13.1%	90,562	20.0%	60,352	23.0%	66.6%
Latino	1,374,400	39.1%	1,027,605	40.2%	193,688	42.8%	111,157	42.3%	57.4%
Middle Eastern/ South Asian	176,935	5.0%	137,339	5.4%	10,011	2.2%	4,243	1.6%	42.4%
Multi Race/Ethnicity	32,017	0.9%	23,320	0.9%	4,657	1.0%	2,718	1.0%	58.4%
Native American	7,381	0.2%	5,135	0.2%	1,214	0.3%	892	0.3%	73.5%
Pacific Islander	18,717	0.5%	13,999	0.5%	2,729	0.6%	1,585	0.6%	58.1%
White	1,187,004	33.8%	845,634	33.1%	128,174	28.3%	74,536	28.4%	58.2%
Total	3,515,247	88.1%	2,553,928	64.0%	452,501	11.3%	262,511	6.6%	58.0%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Table A9 describes the minimum level of intrusiveness that officers impose during stops, by race and ethnicity of the subjects. The italicized numbers register the share of all stops experiencing a certain minimum level of intrusiveness that were of persons of a particular race/ethnicity. That is, of all stops in which the officer at least handcuffed the subject, 2.4 percent appeared to the officer to be Asian, 26.8 percent Black, 41.2 percent Latino, 26.2 percent white, and so forth. As the level of intrusiveness increases, say, to the point of brandishing a weapon, those figures change to 2.2 percent Asian, 29.1 percent Black, 43.1 percent Latino, and 20.5 percent white.

TABLE A9

Minimum level of intrusiveness or use of force, by race/ethnicity

		Asian	Black	Latino	Middle Eastern/ South Asian	Multi Race/ Ethnic	Native American	Pacific Islander	White	Total
#	Out of Vehicle	17,249	176,482	267,288	11,468	6,885	1,351	3,347	169,658	653,728
<i>Share</i>		<i>2.6%</i>	<i>27.0%</i>	<i>40.9%</i>	<i>1.8%</i>	<i>1.1%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>26.0%</i>	<i>16.4%</i>
	Physical Contact	15,077	156,858	235,130	9,915	6,099	1,219	3,042	154,262	581,602
		<i>2.6%</i>	<i>27.0%</i>	<i>40.4%</i>	<i>1.7%</i>	<i>1.0%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>26.5%</i>	<i>14.6%</i>
	Detained	14,589	154,570	231,847	9,487	6,024	1,217	2,996	150,983	571,713
		<i>2.6%</i>	<i>27.0%</i>	<i>40.6%</i>	<i>1.7%</i>	<i>1.1%</i>	<i>0.2%</i>	<i>0.5%</i>	<i>26.4%</i>	<i>14.3%</i>
	Handcuffed	8,224	90,296	138,521	5,111	3,312	803	1,855	88,208	336,330
		<i>2.4%</i>	<i>26.8%</i>	<i>41.2%</i>	<i>1.5%</i>	<i>1.0%</i>	<i>0.2%</i>	<i>0.6%</i>	<i>26.2%</i>	<i>8.4%</i>
	Involves Weapon	370	5,219	7,298	219	192	30	118	3,472	16,918
		<i>2.2%</i>	<i>30.8%</i>	<i>43.1%</i>	<i>1.3%</i>	<i>1.1%</i>	<i>0.2%</i>	<i>0.7%</i>	<i>20.5%</i>	<i>0.4%</i>
	Weapon Used	43	561	747	31	29	3	17	499	1,930
		<i>2.2%</i>	<i>29.1%</i>	<i>38.7%</i>	<i>1.6%</i>	<i>1.5%</i>	<i>0.2%</i>	<i>0.9%</i>	<i>25.9%</i>	<i>0.0%</i>
	Used/Involves	11.6%	10.7%	10.2%	14.2%	15.1%	10.0%	14.4%	14.4%	11.4%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

TABLE A10

Post-stop outcomes, by reason for stop, statewide CHP and local law enforcement agencies, and race/ethnicity

	All		Police/Sheriff		CHP	
	Black	White	Black	White	Black	White
Search Rate						
Traffic Violation	11.1%	2.6%	19.5%	6.1%	1.5%	1.2%
Reasonable Suspicion	43.8%	33.9%	44.0%	34.2%	17.7%	18.7%
Warrant/Parole/Probation	72.3%	66.4%	72.8%	67.5%	22.3%	26.1%
Conditional Yield Rates						
Some Contraband or Evidence Found						
Traffic Violation	18.6%	21.2%	19.1%	25.1%	11.9%	12.8%
Reasonable Suspicion	25.5%	24.8%	25.5%	24.9%	26.1%	20.4%
Warrant/Parole/Probation	21.0%	23.3%	21.0%	23.2%	21.6%	35.5%
Enforcement Rates						
At least a Warning						
Traffic Violation	86.8%	95.7%	76.7%	88.8%	98.5%	98.6%
Reasonable Suspicion	59.5%	57.2%	59.2%	56.3%	95.3%	95.8%
Warrant/Parole/Probation	55.6%	62.2%	55.2%	61.3%	91.6%	97.3%
At least a Citation						
Traffic Violation	56.7%	68.2%	42.9%	61.8%	72.5%	70.8%
Reasonable Suspicion	42.0%	38.8%	41.9%	38.5%	47.9%	53.4%
Warrant/Parole/Probation	51.8%	58.7%	51.4%	57.7%	88.6%	94.6%
Arrest (Cite and Release or Booking)						
Traffic Violation	7.7%	6.0%	10.4%	13.2%	4.5%	3.1%
Reasonable Suspicion	32.9%	29.6%	32.8%	29.2%	41.8%	46.9%
Warrant/Parole/Probation	51.1%	57.4%	50.7%	56.5%	86.1%	90.0%
Booking						
Traffic Violation	3.5%	2.5%	3.5%	2.5%	3.4%	2.5%
Reasonable Suspicion	26.0%	22.4%	25.9%	22.1%	30.6%	34.4%
Warrant/Parole/Probation	46.5%	50.9%	46.3%	50.4%	65.7%	68.8%
Intrusiveness/Use of Force						
At least asked to step out of vehicle						
Traffic Violation	16.0%	5.2%	27.5%	12.4%	2.8%	2.1%
Reasonable Suspicion	62.5%	57.2%	62.8%	57.9%	23.5%	25.3%
Warrant/Parole/Probation	72.8%	76.5%	73.4%	77.8%	21.7%	31.0%
At least some physical contact						
Traffic Violation	12.4%	4.0%	21.8%	10.6%	1.7%	1.3%
Reasonable Suspicion	61.1%	56.1%	61.4%	56.9%	21.5%	22.4%
Warrant/Parole/Probation	69.5%	74.7%	70.1%	75.9%	21.1%	29.3%
At least detained						
Traffic Violation	12.1%	3.8%	21.2%	9.9%	1.7%	1.3%
Reasonable Suspicion	60.7%	55.8%	61.1%	56.5%	21.4%	22.4%
Warrant/Parole/Probation	69.1%	74.2%	69.6%	75.5%	20.5%	27.8%

	All		Police/Sheriff		CHP	
	Black	White	Black	White	Black	White
	At least handcuffed					
Traffic Violation	5.3%	1.8%	8.6%	3.5%	1.5%	1.1%
Reasonable Suspicion	40.6%	35.1%	40.8%	35.4%	19.4%	20.2%
Warrant/Parole/Probation	52.5%	52.0%	52.9%	52.8%	17.5%	23.4%
	Officer weapon involved					
Traffic Violation	0.17%	0.05%	0.26%	0.11%	0.06%	0.03%
Reasonable Suspicion	2.86%	1.54%	2.87%	1.54%	2.36%	1.60%
Warrant/Parole/Probation	3.45%	2.54%	3.44%	2.54%	4.22%	2.44%
	Officer weapon used					
Traffic Violation	0.02%	0.01%	0.04%	0.02%	0.01%	0.01%
Reasonable Suspicion	0.29%	0.20%	0.29%	0.20%	0.28%	0.21%
Warrant/Parole/Probation	0.29%	0.26%	0.28%	0.25%	0.60%	0.49%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

TABLE A11

Rates of minimum enforcement level of stop, by race/ethnicity

Race/ethnicity	All Stops	Warning/Total	Citation/Total	Arrest/Total	Booking/Total
Asian	228,790	94.0%	72.2%	9.4%	3.1%
Black	635,092	79.3%	52.8%	14.3%	9.5%
Latino	1,552,485	88.5%	66.2%	12.5%	7.2%
Middle Eastern/South Asian	187,128	94.6%	73.4%	5.3%	2.3%
Multi Race/Ethnicity	37,015	86.5%	63.0%	12.6%	7.3%
Native American	8,271	89.2%	62.1%	14.7%	10.8%
Pacific Islander	21,092	88.7%	66.4%	12.9%	7.5%
White	1,322,201	89.8%	64.0%	9.7%	5.6%
Total	3,992,074	88.1%	64.0%	11.3%	6.6%

SOURCE: Author calculations using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

Appendix B. Regression Model Specifications and Results

To examine race/ethnicity/origin group differences in stop outcomes, we examine conditional probabilities of a set of stop outcomes:

1. Probability that the stop resulted in a search of person or property (i.e. search rate).
2. Given the stop involved a search, the probability that the search yielded contraband (i.e. hit or yield rate).
3. Probability that the stop resulted in some level of enforcement (i.e. enforcement rate).
4. Probability that the stop resulted in some “intrusive” action and/or use of force.

To do so, we estimate various linear probability models of the (conditional) probability of the above stop outcomes, of the following general specification:

$$Y_{ijk} = \alpha + \beta' Race_i + \gamma' Demog_i + \delta' RFS_{ij} + \eta' LEA_j + \theta' City_k + \varepsilon_{ijk}$$

Where Y_{ijk} , represent stop outcomes for individual i , by law enforcement agency j nearest city k . **Race_i** is a vector of perceived race/ethnicity/origin indicator variables, with parameter vector β to be estimated where the estimates represents the difference in the outcome between individuals of perceived non-white race/ethnicity j and whites (i.e. white is the reference group). **Demog_i** is a matrix of perceived personal or demographic traits, such as gender, age, LGBT, limited English proficiency and disabilities (including mental health status). **RFS_{ij}** is a vector of reported reasons for the stop of individual i by law enforcement agency j , **LEA_j** are law enforcement fixed effects and **City_k** are fixed effects of the location of the stop (nearest city).

TABLE B1

Search rates, relative to those of omitted categories

Model	(1)	(2)	(3)	(4)
Included variables				
Black	0.123*** (0.001)	0.109*** (0.001)	0.073*** (0.000)	0.042*** (0.016)
Latino	0.041*** (0.000)	0.025*** (0.000)	0.032*** (0.000)	0.019*** (0.006)
Asian	-0.039*** (0.000)	-0.041*** (0.000)	-0.010*** (0.000)	-0.014*** (0.002)
Middle Eastern/South Asian	-0.051*** (0.000)	-0.064*** (0.000)	-0.021*** (0.000)	-0.019*** (0.002)
Native American	0.025*** (0.003)	0.009** (0.004)	0.016*** (0.003)	0.019*** (0.004)
Pacific Islander	0.021*** (0.002)	0.012*** (0.002)	0.012*** (0.002)	0.011*** (0.004)
Multi Race/Ethnicity	0.049*** (0.002)	0.035*** (0.002)	0.029*** (0.002)	0.018*** (0.005)
Female		-0.069*** (0.000)	-0.049*** (0.000)	-0.049*** (0.011)
Transgender Man		0.079***	0.043***	-0.002

Model	(1)	(2)	(3)	(4)
Included variables				
		(0.009)	(0.008)	(0.009)
Transgender Woman		0.072***	-0.013	-0.045***
		(0.011)	(0.011)	(0.015)
Gender Nonconforming		-0.004	0.007	-0.027
		(0.009)	(0.009)	(0.018)
LGBT		0.065***	-0.001	0.008
		(0.003)	(0.002)	(0.006)
Ages 15-17		0.002	0.092***	0.096***
		(0.005)	(0.005)	(0.011)
Ages 18-24		-0.126***	0.057***	0.070***
		(0.005)	(0.005)	(0.016)
Ages 25-34		-0.118***	0.057***	0.069***
		(0.005)	(0.005)	(0.020)
Ages 35-44		-0.139***	0.036***	0.053**
		(0.005)	(0.005)	(0.025)
Ages 45-54		-0.165***	0.015***	0.034
		(0.005)	(0.005)	(0.027)
Ages 55-64		-0.186***	0.002	0.023
		(0.005)	(0.005)	(0.029)
Ages 65+		-0.206***	-0.002	0.019
		(0.005)	(0.005)	(0.028)
Limited English Proficiency		0.027***	0.016***	0.005
		(0.001)	(0.001)	(0.006)
Disability: Deafness		0.108***	0.021***	-0.010
		(0.008)	(0.007)	(0.011)
Disability: Speech		0.147***	0.028***	0.003
		(0.009)	(0.008)	(0.012)
Disability: Blindness		0.253***	0.060***	0.041**
		(0.017)	(0.016)	(0.020)
Disability: Mental Health		0.395***	0.070***	0.067***
		(0.003)	(0.003)	(0.020)
Disability: Development		0.195***	-0.041***	-0.039***
		(0.012)	(0.012)	(0.011)
Disability: Hyperactivity		-0.088	-0.210***	-0.198**
		(0.071)	(0.066)	(0.087)
Disability: Other		0.194***	0.024***	0.009
		(0.006)	(0.006)	(0.010)
Disability: Multiple		0.191***	-0.027***	-0.032*
		(0.008)	(0.008)	(0.019)
Call for Service			0.106***	0.098***
			(0.001)	(0.010)
Reason for Stop: Reasonable Suspicion			0.311***	0.264***
			(0.001)	(0.022)
RfS: Parole/Probation			0.678***	0.616***
			(0.003)	(0.012)
RfS: Outstanding Warrant			0.527***	0.469***
			(0.003)	(0.023)

Model	(1)	(2)	(3)	(4)
Included variables				
RfS: Consensual Encounter/Search			0.803*** (0.002)	0.728*** (0.045)
RfS: School/Education Violation			0.183*** (0.004)	0.139*** (0.026)
Los Angeles County Sheriff				0.092*** (0.021)
Los Angeles PD				0.141*** (0.010)
Riverside County Sheriff				0.033*** (0.007)
San Bernardino County Sheriff				0.129*** (0.015)
San Diego County Sheriff				0.049*** (0.011)
San Diego PD				0.025** (0.011)
San Francisco PD				0.030* (0.018)
Fresno PD				0.008** (0.004)
Long Beach PD				0.074*** (0.008)
Oakland PD				0.251*** (0.018)
Orange County Sheriff				0.098*** (0.015)
Sacramento County Sheriff				0.082*** (0.012)
Sacramento PD				0.133*** (0.009)
San Jose PD				0.130*** (0.009)
Constant	0.082*** (0.000)	0.245*** (0.005)	0.004 (0.005)	-0.040* (0.022)
Observations	3,992,074	3,992,072	3,992,072	3,992,070
R-squared	0.023	0.054	0.278	0.233
Number of City				842
Robust standard errors in parentheses				
*** p<0.01, ** p<0.05, * p<0.1				

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B2

Yield rates, relative to those of omitted categories

Model:	(1)	(2)	(3)	(4)	(5)
Included variables	Yield: Any	Yield: Any	Yield: Any	Yield: Any	Yield: Any
Black	-0.006*** (0.002)	-0.008*** (0.002)	-0.011*** (0.002)	-0.023*** (0.002)	-0.022*** (0.005)
Latino	-0.014*** (0.002)	-0.018*** (0.002)	-0.018*** (0.002)	-0.019*** (0.002)	-0.014*** (0.004)
Asian	0.010** (0.004)	0.013*** (0.004)	0.013*** (0.004)	0.001 (0.004)	-0.011 (0.007)
Middle Eastern/South Asian	-0.028*** (0.005)	-0.028*** (0.005)	-0.031*** (0.005)	-0.040*** (0.005)	-0.036*** (0.005)
Native American	-0.021 (0.013)	-0.023* (0.013)	-0.020 (0.014)	-0.018 (0.013)	-0.010 (0.014)
Pacific Islander	0.003 (0.009)	0.004 (0.009)	0.002 (0.009)	0.002 (0.009)	-0.010 (0.011)
Multi Race/Ethnicity	0.017*** (0.006)	0.016*** (0.006)	0.018*** (0.006)	0.009 (0.006)	-0.006 (0.009)
Female		-0.005*** (0.002)	-0.007*** (0.002)	-0.016*** (0.002)	-0.017*** (0.003)
Transgender Man		-0.028** (0.013)	-0.041*** (0.013)	-0.032** (0.013)	-0.008 (0.013)
Transgender Woman		0.022 (0.018)	0.007 (0.018)	0.010 (0.017)	0.014 (0.012)
Gender Nonconforming		0.002 (0.018)	0.002 (0.018)	0.018 (0.017)	-0.028 (0.029)
LGBT		-0.003 (0.006)	-0.005 (0.006)	-0.005 (0.006)	-0.015* (0.009)
Ages 15-17		0.042*** (0.008)	0.042*** (0.008)	0.038*** (0.008)	0.035*** (0.008)
Ages 18-24		0.029*** (0.008)	0.039*** (0.008)	0.032*** (0.007)	0.033*** (0.008)
Ages 25-34		0.015** (0.007)	0.026*** (0.007)	0.038*** (0.007)	0.036*** (0.007)
Ages 35-44		0.022*** (0.007)	0.032*** (0.007)	0.051*** (0.007)	0.045*** (0.009)
Ages 45-54		0.027*** (0.008)	0.034*** (0.008)	0.056*** (0.007)	0.048*** (0.010)
Ages 55-64		0.030*** (0.008)	0.034*** (0.008)	0.052*** (0.007)	0.048*** (0.012)
Ages 65+		-0.002 (0.009)	0.005 (0.009)	0.018** (0.009)	0.020 (0.015)
Limited English Proficiency		0.001 (0.003)	-0.004 (0.003)	-0.005** (0.003)	-0.005 (0.006)
Disability: Deafness		0.001 (0.017)	-0.002 (0.017)	0.010 (0.017)	0.008 (0.021)

Model:	(1)	(2)	(3)	(4)	(5)
Included variables	Yield: Any	Yield: Any	Yield: Any	Yield: Any	Yield: Any
Disability: Speech		0.025 (0.018)	0.019 (0.017)	0.018 (0.017)	-0.021 (0.020)
Disability: Blindness		0.015 (0.024)	0.013 (0.024)	0.012 (0.024)	-0.007 (0.019)
Disability: Mental Health		-0.095*** (0.003)	-0.103*** (0.003)	-0.067*** (0.003)	-0.072*** (0.010)
Disability: Development		-0.103*** (0.014)	-0.109*** (0.014)	-0.083*** (0.014)	-0.093*** (0.012)
Disability: Hyperactivity		0.579*** (0.175)	0.587*** (0.160)	0.299 (0.202)	0.288* (0.174)
Disability: Other		0.029*** (0.010)	0.026** (0.010)	0.024** (0.010)	0.018** (0.008)
Disability: Multiple		-0.077*** (0.011)	-0.078*** (0.011)	-0.048*** (0.011)	-0.052*** (0.013)
Call for Service			-0.064*** (0.002)	-0.045*** (0.002)	-0.065*** (0.011)
Reason for Stop: Reasonable Suspicion			0.101*** (0.002)	0.101*** (0.001)	0.075*** (0.006)
RfS: Parole/Probation			0.014*** (0.003)	0.049*** (0.003)	0.037*** (0.005)
RfS: Outstanding Warrant			0.039*** (0.003)	0.029*** (0.003)	-0.015 (0.010)
RfS: Consensual Encounter/Search			-0.028*** (0.002)	0.023*** (0.002)	0.013*** (0.005)
RfS: School/Education Violation			0.023*** (0.006)	0.033*** (0.005)	0.019** (0.008)
Basis for Search: Officer Safety				-0.032*** (0.002)	-0.022*** (0.006)
BfS: Search Warrant				0.403*** (0.008)	0.413*** (0.028)
BfS: Parole/Probation				0.042*** (0.002)	0.035** (0.017)
BfS: Suspect Weapon				0.058*** (0.003)	0.074*** (0.016)
BfS: Visible Contraband				0.621*** (0.005)	0.617*** (0.019)
BfS: Odor of Contraband				0.424*** (0.004)	0.423*** (0.015)
BfS: Canine Detect				0.468*** (0.022)	0.499*** (0.032)
BfS: Evidence				0.382*** (0.005)	0.382*** (0.051)
BfS: Incident				0.090*** (0.002)	0.124*** (0.012)

Model:	(1)	(2)	(3)	(4)	(5)
Included variables	Yield: Any	Yield: Any	Yield: Any	Yield: Any	Yield: Any
BfS: Exigent Circumstances				0.175*** (0.011)	0.194*** (0.023)
BfS: Vehicle Inventory				0.211*** (0.004)	0.215*** (0.015)
BfS: School Policy				0.538*** (0.029)	0.541*** (0.060)
Los Angeles County Sheriff					0.170*** (0.018)
Los Angeles PD					0.131*** (0.013)
Riverside County Sheriff					0.040 (0.037)
San Bernardino County Sheriff					0.171*** (0.027)
San Diego County Sheriff					0.185*** (0.015)
San Diego PD					0.211*** (0.010)
San Francisco PD					0.186*** (0.046)
Fresno PD					0.179*** (0.015)
Long Beach PD					0.147*** (0.033)
Oakland PD					0.094*** (0.032)
Orange County Sheriff					0.254*** (0.035)
Sacramento County Sheriff					0.042* (0.023)
Sacramento PD					0.149*** (0.023)
San Jose PD					0.315*** (0.011)
Constant	0.222*** (0.001)	0.206*** (0.008)	0.168*** (0.008)	0.065*** (0.007)	-0.071*** (0.011)
Observations	452,164	452,164	452,164	451,740	451,739
R-squared	0.000	0.003	0.016	0.115	0.118
Number of City					736
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); consent given (basis for search) and CHP (law enforcement agency).

TABLE B3

Weapon yield rates, relative to those of omitted categories

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon
Black	0.008*** (0.001)	0.007*** (0.001)	0.007*** (0.001)	0.005*** (0.001)	0.002 (0.002)
Latino	0.005*** (0.001)	0.004*** (0.001)	0.006*** (0.001)	0.004*** (0.001)	0.004** (0.002)
Asian	0.012*** (0.002)	0.011*** (0.002)	0.011*** (0.002)	0.007*** (0.002)	0.005 (0.003)
Middle Eastern/South Asian	0.008*** (0.003)	0.006** (0.003)	0.005* (0.003)	0.001 (0.003)	0.002 (0.004)
Native American	0.015** (0.007)	0.016** (0.007)	0.016** (0.007)	0.015** (0.007)	0.014* (0.008)
Pacific Islander	0.018*** (0.005)	0.018*** (0.005)	0.017*** (0.005)	0.015*** (0.005)	0.013** (0.006)
Multi Race/Ethnicity	0.011*** (0.003)	0.011*** (0.003)	0.012*** (0.003)	0.011*** (0.003)	0.009*** (0.004)
Female		-0.013*** (0.001)	-0.015*** (0.001)	-0.017*** (0.001)	-0.017*** (0.002)
Transgender Man		0.007 (0.007)	0.005 (0.007)	0.005 (0.007)	0.005 (0.004)
Transgender Woman		0.006 (0.009)	0.002 (0.009)	0.001 (0.009)	-0.002 (0.009)
Gender Nonconforming		-0.006 (0.008)	-0.007 (0.008)	-0.005 (0.008)	-0.010 (0.009)
LGBT		-0.005* (0.003)	-0.008*** (0.003)	-0.006** (0.003)	-0.005** (0.002)
Ages 15-17		0.002 (0.005)	0.004 (0.005)	0.006 (0.005)	0.005 (0.005)
Ages 18-24		-0.011** (0.004)	-0.004 (0.004)	0.001 (0.004)	0.001 (0.005)
Ages 25-34		-0.016*** (0.004)	-0.010** (0.004)	-0.003 (0.004)	-0.002 (0.005)
Ages 35-44		-0.014*** (0.004)	-0.009** (0.004)	-0.001 (0.004)	-0.001 (0.006)
Ages 45-54		-0.015*** (0.004)	-0.011** (0.004)	-0.003 (0.004)	-0.002 (0.006)
Ages 55-64		-0.013*** (0.005)	-0.010** (0.005)	-0.003 (0.004)	-0.001 (0.006)
Ages 65+		-0.006 (0.005)	-0.003 (0.005)	0.002 (0.005)	0.004 (0.007)
Limited English Proficiency		-0.001 (0.001)	-0.003** (0.001)	-0.005*** (0.001)	-0.007*** (0.002)
Disability: Deafness		0.006 (0.009)	0.004 (0.009)	0.006 (0.009)	0.005 (0.009)

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon
Disability: Speech		0.004 (0.009)	-0.001 (0.009)	-0.002 (0.009)	-0.010 (0.008)
Disability: Blindness		0.008 (0.012)	0.004 (0.012)	0.002 (0.012)	-0.001 (0.010)
Disability: Mental Health		0.012*** (0.002)	0.000 (0.002)	0.004** (0.002)	0.002 (0.003)
Disability: Development		-0.019*** (0.007)	-0.025*** (0.007)	-0.023*** (0.007)	-0.023*** (0.007)
Disability: Hyperactivity		0.150 (0.177)	0.151 (0.174)	0.103 (0.158)	0.110 (0.097)
Disability: Other		0.017*** (0.005)	0.013** (0.005)	0.011** (0.005)	0.009** (0.005)
Disability: Multiple		0.003 (0.006)	-0.005 (0.006)	-0.002 (0.006)	-0.003 (0.005)
Call for Service			0.011*** (0.001)	0.013*** (0.001)	0.008*** (0.002)
Reason for Stop: Reasonable Suspicion			0.020*** (0.001)	0.013*** (0.001)	0.007*** (0.001)
RfS: Parole/Probation			0.004*** (0.001)	0.012*** (0.001)	0.010*** (0.003)
RfS: Outstanding Warrant			0.016*** (0.002)	0.006*** (0.002)	-0.003 (0.003)
RfS: Consensual Encounter/Search			-0.008*** (0.001)	0.001 (0.001)	0.000 (0.002)
RfS: School/Education Violation			0.010*** (0.003)	0.005 (0.003)	0.003 (0.003)
Basis for Search: Officer Safety				0.006*** (0.001)	0.006*** (0.002)
BfS: Search Warrant				0.163*** (0.006)	0.161*** (0.015)
BfS: Parole/Probation				0.007*** (0.001)	0.005*** (0.002)
BfS: Suspect Weapon				0.088*** (0.002)	0.088*** (0.015)
BfS: Visible Contraband				0.061*** (0.003)	0.060*** (0.004)
BfS: Odor of Contraband				0.020*** (0.002)	0.018*** (0.002)
BfS: Canine Detect				0.029*** (0.009)	0.041** (0.018)
BfS: Evidence				0.054*** (0.003)	0.056*** (0.005)
BfS: Incident				0.023*** (0.001)	0.030*** (0.004)

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon	Yield: Weapon
BfS: Exigent Circumstances				0.154*** (0.009)	0.156*** (0.010)
BfS: Vehicle Inventory				0.063*** (0.002)	0.063*** (0.006)
BfS: School Policy				0.096*** (0.020)	0.101*** (0.024)
Los Angeles County Sheriff					0.019*** (0.006)
Los Angeles PD					0.033*** (0.004)
Riverside County Sheriff					-0.014 (0.013)
San Bernardino County Sheriff					0.041*** (0.011)
San Diego County Sheriff					0.022*** (0.006)
San Diego PD					0.043*** (0.009)
San Francisco PD					0.061*** (0.021)
Fresno PD					0.036*** (0.003)
Long Beach PD					0.037 (0.033)
Oakland PD					0.026* (0.013)
Orange County Sheriff					0.033*** (0.008)
Sacramento County Sheriff					0.027*** (0.005)
Sacramento PD					0.041*** (0.005)
San Jose PD					0.040*** (0.003)
Constant	0.036*** (0.001)	0.052*** (0.004)	0.036*** (0.004)	0.010** (0.004)	-0.019** (0.008)
Observations	452,164	452,164	452,164	451,740	451,739
R-squared	0.000	0.001	0.005	0.024	0.022
Number of City					736
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); consent given (basis for search) and CHP (law enforcement agency).

TABLE B4

Property yield rates, relative to those of omitted categories

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Yield: Property	Yield: Property	Yield: Property	Yield: Property	Yield: Property
Black	-0.000 (0.001)	0.000 (0.001)	0.000 (0.001)	0.003*** (0.001)	0.002** (0.001)
Latino	-0.005*** (0.001)	-0.006*** (0.001)	-0.004*** (0.001)	-0.003*** (0.001)	-0.002 (0.002)
Asian	0.012*** (0.002)	0.012*** (0.002)	0.012*** (0.002)	0.008*** (0.002)	0.005* (0.002)
Middle Eastern/South Asian	0.004 (0.002)	0.004 (0.002)	0.003 (0.002)	0.000 (0.002)	-0.001 (0.002)
Native American	-0.014*** (0.004)	-0.015*** (0.004)	-0.014*** (0.004)	-0.015*** (0.004)	-0.012** (0.006)
Pacific Islander	0.003 (0.004)	0.003 (0.004)	0.002 (0.004)	0.001 (0.004)	-0.002 (0.005)
Multi Race/Ethnicity	0.003 (0.002)	0.003 (0.003)	0.004 (0.002)	0.004* (0.002)	0.001 (0.003)
Female		0.009*** (0.001)	0.008*** (0.001)	0.002** (0.001)	0.002 (0.002)
Transgender Man		-0.007 (0.005)	-0.010** (0.005)	-0.008* (0.005)	-0.005 (0.004)
Transgender Woman		0.012 (0.008)	0.008 (0.008)	0.006 (0.008)	0.003 (0.006)
Gender Nonconforming		0.006 (0.008)	0.005 (0.007)	0.007 (0.007)	-0.005 (0.013)
LGBT		-0.001 (0.002)	-0.003 (0.002)	-0.005** (0.002)	-0.006 (0.004)
Ages 15-17		0.006* (0.003)	0.007** (0.003)	0.011*** (0.003)	0.010** (0.005)
Ages 18-24		-0.001 (0.003)	0.005 (0.003)	0.007** (0.003)	0.006 (0.006)
Ages 25-34		-0.002 (0.003)	0.004 (0.003)	0.006* (0.003)	0.004 (0.007)
Ages 35-44		-0.002 (0.003)	0.003 (0.003)	0.004 (0.003)	0.003 (0.007)
Ages 45-54		-0.001 (0.003)	0.003 (0.003)	0.003 (0.003)	0.001 (0.009)
Ages 55-64		-0.002 (0.003)	0.001 (0.003)	-0.001 (0.003)	-0.001 (0.010)
Ages 65+		-0.005 (0.004)	-0.002 (0.004)	-0.006 (0.004)	-0.006 (0.011)
Limited English Proficiency		0.013*** (0.001)	0.011*** (0.001)	0.008*** (0.001)	0.006 (0.007)
Disability: Deafness		-0.005 (0.006)	-0.006 (0.006)	-0.004 (0.006)	-0.004 (0.004)
Disability: Speech		-0.002 (0.007)	-0.006 (0.007)	-0.007 (0.007)	-0.011 (0.009)

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Yield: Property	Yield: Property	Yield: Property	Yield: Property	Yield: Property
Disability: Blindness		-0.013** (0.007)	-0.016** (0.007)	-0.017** (0.007)	-0.019*** (0.006)
Disability: Mental Health		-0.017*** (0.001)	-0.025*** (0.001)	-0.018*** (0.001)	-0.018*** (0.001)
Disability: Development		-0.010* (0.006)	-0.015*** (0.006)	-0.013** (0.006)	-0.013* (0.007)
Disability: Hyperactivity		-0.036*** (0.003)	-0.035*** (0.007)	-0.057*** (0.019)	-0.057*** (0.013)
Disability: Other		0.004 (0.004)	0.001 (0.004)	-0.001 (0.004)	-0.002 (0.005)
Disability: Multiple		-0.016*** (0.003)	-0.021*** (0.003)	-0.015*** (0.003)	-0.014*** (0.004)
Call for Service			-0.004*** (0.001)	-0.003*** (0.001)	-0.008* (0.005)
Reason for Stop: Reasonable Suspicion			0.031*** (0.001)	0.028*** (0.001)	0.023*** (0.004)
RfS: Parole/Probation			0.006*** (0.001)	0.011*** (0.001)	0.010*** (0.003)
RfS: Outstanding Warrant			0.025*** (0.001)	0.009*** (0.001)	0.001 (0.004)
RfS: Consensual Encounter/Search			-0.003*** (0.001)	0.004*** (0.001)	0.002 (0.002)
RfS: School/Education Violation			0.006*** (0.002)	0.004* (0.002)	-0.001 (0.004)
Basis for Search: Officer Safety				-0.010*** (0.000)	-0.009*** (0.002)
BfS: Search Warrant				0.187*** (0.006)	0.187*** (0.045)
BfS: Parole/Probation				0.003*** (0.001)	0.002 (0.002)
BfS: Suspect Weapon				-0.012*** (0.001)	-0.008*** (0.001)
BfS: Visible Contraband				0.011*** (0.002)	0.011** (0.005)
BfS: Odor of Contraband				0.001 (0.001)	0.001 (0.004)
BfS: Canine Detect				0.096*** (0.013)	0.100*** (0.014)
BfS: Evidence				0.066*** (0.003)	0.067*** (0.012)
BfS: Incident				0.022*** (0.001)	0.028*** (0.003)
BfS: Exigent Circumstances				0.033*** (0.005)	0.035*** (0.009)
BfS: Vehicle Inventory				0.064*** (0.002)	0.064*** (0.006)

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Yield: Property	Yield: Property	Yield: Property	Yield: Property	Yield: Property
BfS: School Policy				0.008 (0.010)	0.014 (0.011)
Los Angeles County Sheriff					0.010*** (0.004)
Los Angeles PD					0.012*** (0.004)
Riverside County Sheriff					0.029 (0.019)
San Bernardino County Sheriff					0.054*** (0.013)
San Diego County Sheriff					0.017** (0.008)
San Diego PD					0.017*** (0.004)
San Francisco PD					0.086*** (0.023)
Fresno PD					0.025*** (0.004)
Long Beach PD					0.020* (0.011)
Oakland PD					-0.007 (0.007)
Orange County Sheriff					0.029*** (0.006)
Sacramento County Sheriff					0.030*** (0.004)
Sacramento PD					0.039*** (0.004)
San Jose PD					0.055*** (0.004)
Constant	0.027*** (0.000)	0.027*** (0.003)	0.008*** (0.003)	-0.004 (0.003)	-0.024*** (0.008)
Observations	452,164	452,164	452,164	451,740	451,739
R-squared	0.000	0.002	0.010	0.034	0.034
Number of City					736
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); consent given (basis for search) and CHP (law enforcement agency).

TABLE B5

Drug yield rates, relative to those of omitted categories

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug
Black	-0.022*** (0.001)	-0.022*** (0.001)	-0.025*** (0.001)	-0.037*** (0.001)	-0.027*** (0.004)
Latino	-0.029*** (0.001)	-0.028*** (0.001)	-0.033*** (0.001)	-0.032*** (0.001)	-0.026*** (0.003)
Asian	-0.007* (0.004)	-0.002 (0.004)	-0.001 (0.004)	-0.009*** (0.004)	-0.015** (0.007)
Middle Eastern/South Asian	-0.036*** (0.004)	-0.034*** (0.004)	-0.033*** (0.004)	-0.039*** (0.004)	-0.034*** (0.006)
Native American	-0.017 (0.012)	-0.018 (0.012)	-0.018 (0.012)	-0.014 (0.011)	-0.009 (0.012)
Pacific Islander	-0.019** (0.007)	-0.017** (0.007)	-0.017** (0.007)	-0.016** (0.007)	-0.021** (0.008)
Multi Race/Ethnicity	-0.006 (0.005)	-0.005 (0.005)	-0.006 (0.005)	-0.014*** (0.005)	-0.020** (0.008)
Female		0.001 (0.001)	0.004*** (0.001)	-0.002 (0.001)	-0.004* (0.002)
Transgender Man		-0.023** (0.011)	-0.030*** (0.011)	-0.022** (0.010)	0.002 (0.009)
Transgender Woman		0.018 (0.015)	0.014 (0.015)	0.018 (0.015)	0.032*** (0.012)
Gender Nonconforming		0.005 (0.015)	0.009 (0.015)	0.021 (0.015)	-0.013 (0.029)
LGBT		-0.002 (0.005)	0.002 (0.005)	0.003 (0.005)	-0.010 (0.006)
Ages 15-17		0.032*** (0.005)	0.027*** (0.005)	0.023*** (0.005)	0.022*** (0.007)
Ages 18-24		0.064*** (0.005)	0.057*** (0.005)	0.047*** (0.004)	0.049*** (0.004)
Ages 25-34		0.064*** (0.005)	0.058*** (0.005)	0.065*** (0.004)	0.063*** (0.005)
Ages 35-44		0.070*** (0.005)	0.066*** (0.005)	0.079*** (0.004)	0.073*** (0.007)
Ages 45-54		0.073*** (0.005)	0.068*** (0.005)	0.083*** (0.005)	0.076*** (0.007)
Ages 55-64		0.069*** (0.005)	0.063*** (0.005)	0.076*** (0.005)	0.071*** (0.007)
Ages 65+		0.028*** (0.006)	0.025*** (0.006)	0.035*** (0.006)	0.034*** (0.007)
Limited English Proficiency		-0.022*** (0.002)	-0.021*** (0.002)	-0.020*** (0.002)	-0.015* (0.008)
Disability: Deafness		-0.010 (0.014)	-0.008 (0.014)	-0.000 (0.014)	-0.001 (0.018)
Disability: Speech		-0.003 (0.014)	0.003 (0.014)	0.004 (0.013)	-0.022* (0.013)

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug
Disability: Blindness		-0.003 (0.020)	0.005 (0.020)	0.005 (0.019)	-0.010 (0.016)
Disability: Mental Health		-0.094*** (0.002)	-0.076*** (0.002)	-0.048*** (0.002)	-0.051*** (0.008)
Disability: Development		-0.087*** (0.010)	-0.077*** (0.010)	-0.057*** (0.010)	-0.069*** (0.009)
Disability: Hyperactivity		0.103 (0.173)	0.111 (0.164)	-0.096 (0.184)	-0.110 (0.168)
Disability: Other		-0.004 (0.008)	0.001 (0.008)	0.002 (0.008)	-0.001 (0.009)
Disability: Multiple		-0.074*** (0.007)	-0.057*** (0.007)	-0.033*** (0.007)	-0.038*** (0.008)
Call for Service			-0.069*** (0.001)	-0.052*** (0.001)	-0.062*** (0.008)
Reason for Stop: Reasonable Suspicion			0.032*** (0.001)	0.037*** (0.001)	0.020*** (0.004)
RfS: Parole/Probation			0.017*** (0.003)	0.036*** (0.003)	0.028*** (0.005)
RfS: Outstanding Warrant			0.002 (0.003)	-0.001 (0.003)	-0.028*** (0.008)
RfS: Consensual Encounter/Search			-0.014*** (0.002)	0.023*** (0.002)	0.013*** (0.004)
RfS: School/Education Violation			-0.012*** (0.004)	-0.001 (0.004)	-0.015** (0.008)
Basis for Search: Officer Safety				-0.024*** (0.001)	-0.014*** (0.004)
BfS: Search Warrant				0.308*** (0.008)	0.319*** (0.050)
BfS: Parole/Probation				0.041*** (0.002)	0.036** (0.015)
BfS: Suspect Weapon				-0.010*** (0.002)	0.007* (0.004)
BfS: Visible Contraband				0.451*** (0.005)	0.451*** (0.030)
BfS: Odor of Contraband				0.409*** (0.004)	0.414*** (0.019)
BfS: Canine Detect				0.383*** (0.022)	0.395*** (0.031)
BfS: Evidence				0.248*** (0.005)	0.248*** (0.044)
BfS: Incident				0.061*** (0.002)	0.082*** (0.009)
BfS: Exigent Circumstances				0.046*** (0.007)	0.060*** (0.009)
BfS: Vehicle Inventory				0.119*** (0.003)	0.122*** (0.012)

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug	Yield: Drug
BfS: School Policy				0.398*** (0.030)	0.392*** (0.075)
Los Angeles County Sheriff					0.126*** (0.016)
Los Angeles PD					0.072*** (0.012)
Riverside County Sheriff					0.012 (0.026)
San Bernardino County Sheriff					0.125*** (0.021)
San Diego County Sheriff					0.153*** (0.012)
San Diego PD					0.157*** (0.011)
San Francisco PD					0.023 (0.019)
Fresno PD					0.102*** (0.010)
Long Beach PD					0.076*** (0.025)
Oakland PD					-0.011 (0.013)
Orange County Sheriff					0.195*** (0.031)
Sacramento County Sheriff					-0.020 (0.017)
Sacramento PD					0.070*** (0.017)
San Jose PD					0.236*** (0.010)
Constant	0.153*** (0.001)	0.092*** (0.005)	0.100*** (0.005)	0.025*** (0.005)	-0.060*** (0.010)
Observations	452,164	452,164	452,164	451,740	451,739
R-squared	0.001	0.005	0.011	0.104	0.107
Number of City					736
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); consent given (basis for search) and CHP (law enforcement agency).

TABLE B6

Other yield rates, relative to those of omitted categories

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Yield: Other	Yield: Other	Yield: Other	Yield: Other	Yield: Other
Black	0.012*** (0.001)	0.009*** (0.001)	0.008*** (0.001)	0.006*** (0.001)	-0.001 (0.001)
Latino	0.017*** (0.001)	0.012*** (0.001)	0.013*** (0.001)	0.013*** (0.001)	0.012** (0.005)
Asian	0.013*** (0.002)	0.012*** (0.002)	0.011*** (0.002)	0.007*** (0.002)	-0.001 (0.004)
Middle Eastern/South Asian	0.003 (0.003)	0.001 (0.003)	-0.000 (0.003)	-0.004 (0.003)	-0.006** (0.003)
Native American	-0.003 (0.007)	-0.004 (0.007)	-0.002 (0.007)	-0.001 (0.007)	0.003 (0.006)
Pacific Islander	0.018*** (0.005)	0.016*** (0.005)	0.015*** (0.005)	0.015*** (0.005)	0.007 (0.007)
Multi Race/Ethnicity	0.021*** (0.004)	0.019*** (0.004)	0.020*** (0.004)	0.018*** (0.004)	0.010* (0.005)
Female		-0.001 (0.001)	-0.003*** (0.001)	-0.007*** (0.001)	-0.006*** (0.001)
Transgender Man		-0.015** (0.007)	-0.021*** (0.007)	-0.019*** (0.007)	-0.019** (0.009)
Transgender Woman		-0.004 (0.010)	-0.012 (0.010)	-0.012 (0.010)	-0.019* (0.011)
Gender Nonconforming		0.002 (0.010)	0.001 (0.010)	0.004 (0.010)	-0.010 (0.011)
LGBT		0.002 (0.004)	0.000 (0.004)	0.000 (0.004)	0.001 (0.005)
Ages 15-17		0.013** (0.006)	0.014** (0.006)	0.015*** (0.006)	0.013 (0.009)
Ages 18-24		-0.007 (0.005)	0.001 (0.005)	0.001 (0.005)	-0.000 (0.005)
Ages 25-34		-0.019*** (0.005)	-0.012** (0.005)	-0.008 (0.005)	-0.008* (0.005)
Ages 35-44		-0.022*** (0.005)	-0.016*** (0.005)	-0.010** (0.005)	-0.010** (0.005)
Ages 45-54		-0.023*** (0.005)	-0.018*** (0.005)	-0.012** (0.005)	-0.013*** (0.005)
Ages 55-64		-0.017*** (0.005)	-0.014*** (0.005)	-0.009* (0.005)	-0.008 (0.005)
Ages 65+		-0.017*** (0.006)	-0.013** (0.006)	-0.010* (0.006)	-0.009 (0.008)
Limited English Proficiency		0.018*** (0.002)	0.015*** (0.002)	0.013*** (0.002)	0.009*** (0.003)
Disability: Deafness		-0.009 (0.009)	-0.011 (0.009)	-0.008 (0.009)	-0.009 (0.014)

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Yield: Other	Yield: Other	Yield: Other	Yield: Other	Yield: Other
Disability: Speech		0.012 (0.011)	0.008 (0.011)	0.007 (0.011)	-0.004 (0.011)
Disability: Blindness		0.004 (0.013)	0.001 (0.013)	0.001 (0.014)	-0.005 (0.013)
Disability: Mental Health		-0.029*** (0.001)	-0.037*** (0.001)	-0.027*** (0.001)	-0.031*** (0.004)
Disability: Development		-0.021** (0.009)	-0.026*** (0.009)	-0.020** (0.008)	-0.020** (0.008)
Disability: Hyperactivity		0.522** (0.215)	0.523** (0.211)	0.455** (0.208)	0.447*** (0.063)
Disability: Other		0.013** (0.006)	0.010* (0.006)	0.009 (0.006)	0.005 (0.005)
Disability: Multiple		-0.015** (0.006)	-0.019*** (0.006)	-0.011* (0.006)	-0.012** (0.006)
Call for Service			-0.023*** (0.001)	-0.017*** (0.001)	-0.025*** (0.007)
Reason for Stop: Reasonable Suspicion			0.050*** (0.001)	0.050*** (0.001)	0.044*** (0.007)
RfS: Parole/Probation			0.002* (0.001)	0.017*** (0.002)	0.016*** (0.002)
RfS: Outstanding Warrant			0.036*** (0.002)	0.031*** (0.002)	0.020*** (0.003)
RfS: Consensual Encounter/Search			-0.012*** (0.001)	0.000 (0.001)	0.006*** (0.002)
RfS: School/Education Violation			0.024*** (0.003)	0.026*** (0.003)	0.031*** (0.007)
Basis for Search: Officer Safety				-0.009*** (0.001)	-0.010*** (0.003)
BfS: Search Warrant				0.170*** (0.007)	0.170*** (0.015)
BfS: Parole/Probation				0.002** (0.001)	-0.002 (0.004)
BfS: Suspect Weapon				-0.002 (0.002)	-0.004 (0.004)
BfS: Visible Contraband				0.181*** (0.004)	0.176*** (0.018)
BfS: Odor of Contraband				0.091*** (0.003)	0.085*** (0.013)
BfS: Canine Detect				0.052*** (0.012)	0.063*** (0.014)
BfS: Evidence				0.098*** (0.003)	0.096*** (0.009)
BfS: Incident				0.019*** (0.001)	0.026*** (0.006)

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Yield: Other	Yield: Other	Yield: Other	Yield: Other	Yield: Other
BfS: Exigent Circumstances				0.041*** (0.007)	0.044** (0.017)
BfS: Vehicle Inventory				0.093*** (0.003)	0.092*** (0.010)
BfS: School Policy				0.122*** (0.024)	0.128* (0.067)
Los Angeles County Sheriff					0.032*** (0.006)
Los Angeles PD					0.045*** (0.007)
Riverside County Sheriff					0.021* (0.013)
San Bernardino County Sheriff					0.009 (0.007)
San Diego County Sheriff					0.021*** (0.006)
San Diego PD					0.038*** (0.005)
San Francisco PD					0.175*** (0.067)
Fresno PD					0.043*** (0.005)
Long Beach PD					0.042*** (0.014)
Oakland PD					0.026 (0.025)
Orange County Sheriff					0.032*** (0.009)
Sacramento County Sheriff					0.041*** (0.005)
Sacramento PD					0.057*** (0.005)
San Jose PD					0.076*** (0.005)
Constant	0.046*** (0.001)	0.066*** (0.005)	0.043*** (0.005)	0.017*** (0.005)	-0.017** (0.007)
Observations	452,164	452,164	452,164	451,740	451,739
R-squared	0.001	0.003	0.013	0.040	0.039
Number of City					736
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); consent given (basis for search) and CHP (law enforcement agency).

TABLE B7

Rates of enforcement level: warning, relative to those of omitted categories

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Warning	Warning	Warning	Warning	Warning
Black	-0.105*** (0.001)	-0.094*** (0.001)	-0.063*** (0.001)	-0.066*** (0.001)	-0.037*** (0.014)
Latino	-0.012*** (0.000)	-0.006*** (0.000)	-0.012*** (0.000)	-0.013*** (0.000)	-0.011** (0.005)
Asian	0.042*** (0.001)	0.041*** (0.001)	0.014*** (0.000)	0.015*** (0.000)	0.013*** (0.003)
Middle Eastern/South Asian	0.048*** (0.001)	0.051*** (0.001)	0.015*** (0.001)	0.016*** (0.001)	0.007* (0.004)
Native American	-0.005 (0.003)	0.027*** (0.004)	0.020*** (0.003)	0.019*** (0.003)	0.018 (0.012)
Pacific Islander	-0.010*** (0.002)	-0.004* (0.002)	-0.005*** (0.002)	-0.006*** (0.002)	-0.002 (0.005)
Multi Race/Ethnicity	-0.033*** (0.002)	-0.023*** (0.002)	-0.019*** (0.002)	-0.021*** (0.002)	-0.010 (0.008)
Female		0.033*** (0.000)	0.016*** (0.000)	0.018*** (0.000)	0.017*** (0.006)
Transgender Man		-0.115*** (0.009)	-0.080*** (0.009)	-0.079*** (0.009)	-0.072*** (0.026)
Transgender Woman		-0.057*** (0.011)	0.018 (0.011)	0.018* (0.011)	0.014 (0.038)
Gender Nonconforming		0.001 (0.011)	-0.008 (0.010)	-0.013 (0.010)	0.027 (0.064)
LGBT		-0.072*** (0.003)	-0.015*** (0.002)	-0.014*** (0.002)	0.011 (0.013)
Ages 15-17		0.129*** (0.006)	0.047*** (0.005)	0.042*** (0.005)	0.032** (0.013)
Ages 18-24		0.261*** (0.005)	0.086*** (0.005)	0.082*** (0.005)	0.067*** (0.017)
Ages 25-34		0.260*** (0.005)	0.091*** (0.005)	0.088*** (0.005)	0.077*** (0.020)
Ages 35-44		0.275*** (0.005)	0.106*** (0.005)	0.103*** (0.005)	0.088*** (0.023)
Ages 45-54		0.284*** (0.005)	0.112*** (0.005)	0.110*** (0.005)	0.093*** (0.024)
Ages 55-64		0.300*** (0.005)	0.121*** (0.005)	0.120*** (0.005)	0.099*** (0.026)
Ages 65+		0.314*** (0.005)	0.121*** (0.005)	0.120*** (0.005)	0.097*** (0.026)
Limited English Proficiency		-0.001 (0.001)	0.009*** (0.001)	0.008*** (0.001)	0.014* (0.008)
Disability: Deafness		-0.141*** (0.009)	-0.063*** (0.008)	-0.062*** (0.008)	-0.019*** (0.007)
Disability: Speech		-0.148*** (0.009)	-0.047*** (0.009)	-0.048*** (0.009)	-0.004 (0.017)
Disability: Blindness		-0.232*** (0.017)	-0.074*** (0.016)	-0.077*** (0.016)	-0.032 (0.021)

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Warning	Warning	Warning	Warning	Warning
Disability: Mental Health		-0.536*** (0.003)	-0.270*** (0.003)	-0.258*** (0.003)	-0.249*** (0.024)
Disability: Development		-0.367*** (0.013)	-0.171*** (0.012)	-0.160*** (0.012)	-0.132*** (0.019)
Disability: Hyperactivity		0.220*** (0.054)	0.460*** (0.060)	0.446*** (0.061)	0.371*** (0.051)
Disability: Other		-0.202*** (0.006)	-0.061*** (0.006)	-0.064*** (0.005)	-0.039*** (0.012)
Disability: Multiple		-0.377*** (0.009)	-0.197*** (0.008)	-0.188*** (0.008)	-0.167*** (0.043)
Call for Service			-0.012*** (0.001)	-0.006*** (0.001)	-0.007 (0.016)
Reason for Stop: Reasonable Suspicion			-0.312*** (0.001)	-0.340*** (0.001)	-0.227*** (0.024)
RfS: Parole/Probation			-0.588*** (0.003)	-0.615*** (0.003)	-0.500*** (0.032)
RfS: Outstanding Warrant			-0.101*** (0.002)	-0.128*** (0.002)	-0.043** (0.017)
RfS: Consensual Encounter/Search			-0.579*** (0.002)	-0.600*** (0.002)	-0.471*** (0.015)
RfS: School/Education Violation			-0.504*** (0.004)	-0.516*** (0.004)	-0.362*** (0.020)
Unconditional Hit Rate: Weapon				0.088*** (0.003)	0.103*** (0.009)
Unconditional Hit Rate: Property				0.170*** (0.003)	0.165*** (0.012)
Unconditional Hit Rate: Drug				0.148*** (0.002)	0.173*** (0.043)
Unconditional Hit Rate: Other				0.168*** (0.002)	0.174*** (0.023)
Los Angeles County Sheriff					-0.040*** (0.009)
Los Angeles PD					-0.159*** (0.006)
Riverside County Sheriff					-0.005 (0.021)
San Bernardino County Sheriff					-0.290*** (0.036)
San Diego County Sheriff					-0.196*** (0.024)
San Diego PD					-0.256*** (0.008)
San Francisco PD					-0.108*** (0.025)
Fresno PD					-0.042*** (0.005)
Long Beach PD					-0.176*** (0.007)

Model:	(6)	(7)	(8)	(9)	(10)
Included variables	Warning	Warning	Warning	Warning	Warning
Oakland PD					-0.119*** (0.017)
Orange County Sheriff					-0.154*** (0.015)
Sacramento County Sheriff					-0.197*** (0.019)
Sacramento PD					-0.302*** (0.013)
San Jose PD					-0.176*** (0.009)
Constant	0.898*** (0.000)	0.618*** (0.005)	0.843*** (0.005)	0.844*** (0.005)	0.911*** (0.020)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.016	0.048	0.195	0.205	0.164
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B8

Rates of enforcement level: citation, relative to those of omitted categories

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Citation	Citation	Citation	Citation	Citation
Black	-0.111*** (0.001)	-0.105*** (0.001)	-0.085*** (0.001)	-0.089*** (0.001)	-0.063*** (0.021)
Latino	0.022*** (0.001)	0.026*** (0.001)	0.022*** (0.001)	0.020*** (0.001)	0.005 (0.009)
Asian	0.083*** (0.001)	0.082*** (0.001)	0.064*** (0.001)	0.064*** (0.001)	0.046*** (0.006)
Middle Eastern/South Asian	0.094*** (0.001)	0.100*** (0.001)	0.076*** (0.001)	0.077*** (0.001)	0.050*** (0.004)
Native American	-0.019*** (0.005)	-0.002 (0.006)	-0.008 (0.005)	-0.010* (0.005)	0.026 (0.019)
Pacific Islander	0.024*** (0.003)	0.027*** (0.003)	0.025*** (0.003)	0.024*** (0.003)	0.018** (0.007)
Multi Race/Ethnicity	-0.010*** (0.003)	-0.005** (0.003)	-0.003 (0.002)	-0.006** (0.002)	0.009 (0.012)
Female		0.051*** (0.001)	0.041*** (0.001)	0.043*** (0.001)	0.040*** (0.009)
Transgender Man		-0.107*** (0.009)	-0.083*** (0.010)	-0.082*** (0.010)	-0.072** (0.034)
Transgender Woman		-0.068*** (0.012)	-0.017 (0.012)	-0.017 (0.012)	-0.015 (0.038)
Gender Nonconforming		0.025** (0.012)	0.019* (0.011)	0.013 (0.011)	0.078 (0.079)
LGBT		-0.042*** (0.003)	-0.005 (0.003)	-0.004 (0.003)	0.025 (0.022)
Ages 15-17		0.151*** (0.005)	0.096*** (0.005)	0.089*** (0.005)	0.077*** (0.013)
Ages 18-24		0.306*** (0.005)	0.187*** (0.005)	0.182*** (0.005)	0.157*** (0.017)
Ages 25-34		0.273*** (0.005)	0.158*** (0.005)	0.153*** (0.005)	0.134*** (0.019)
Ages 35-44		0.273*** (0.005)	0.157*** (0.005)	0.154*** (0.005)	0.129*** (0.022)
Ages 45-54		0.277*** (0.005)	0.160*** (0.005)	0.157*** (0.005)	0.127*** (0.024)
Ages 55-64		0.298*** (0.005)	0.177*** (0.005)	0.175*** (0.005)	0.138*** (0.028)
Ages 65+		0.277*** (0.005)	0.147*** (0.005)	0.146*** (0.005)	0.109*** (0.029)
Limited English Proficiency		-0.015*** (0.001)	-0.008*** (0.001)	-0.010*** (0.001)	0.001 (0.010)
Disability: Deafness		-0.188*** (0.010)	-0.136*** (0.010)	-0.135*** (0.010)	-0.077*** (0.011)
Disability: Speech		-0.170*** (0.010)	-0.100*** (0.010)	-0.102*** (0.010)	-0.047** (0.019)
Disability: Blindness		-0.178*** (0.017)	-0.074*** (0.017)	-0.078*** (0.017)	-0.022* (0.012)

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Citation	Citation	Citation	Citation	Citation
Disability: Mental Health		-0.389*** (0.003)	-0.209*** (0.003)	-0.193*** (0.002)	-0.194*** (0.019)
Disability: Development		-0.327*** (0.012)	-0.196*** (0.011)	-0.182*** (0.011)	-0.144*** (0.017)
Disability: Hyperactivity		-0.057 (0.090)	0.126 (0.081)	0.109 (0.078)	-0.016 (0.147)
Disability: Other		-0.190*** (0.006)	-0.097*** (0.006)	-0.101*** (0.006)	-0.070*** (0.009)
Disability: Multiple		-0.239*** (0.008)	-0.117*** (0.008)	-0.104*** (0.007)	-0.103** (0.049)
Call for Service			-0.005*** (0.001)	0.001 (0.001)	0.025 (0.022)
Reason for Stop: Reasonable Suspicion			-0.219*** (0.001)	-0.255*** (0.001)	-0.118*** (0.019)
RfS: Parole/Probation			-0.367*** (0.003)	-0.405*** (0.003)	-0.243*** (0.036)
RfS: Outstanding Warrant			0.145*** (0.002)	0.109*** (0.003)	0.234*** (0.025)
RfS: Consensual Encounter/Search			-0.362*** (0.002)	-0.391*** (0.002)	-0.194*** (0.017)
RfS: School/Education Violation			-0.380*** (0.003)	-0.396*** (0.003)	-0.181*** (0.030)
Unconditional Hit Rate: Weapon				0.156*** (0.003)	0.178*** (0.010)
Unconditional Hit Rate: Property				0.235*** (0.004)	0.237*** (0.024)
Unconditional Hit Rate: Drug				0.210*** (0.002)	0.246*** (0.064)
Unconditional Hit Rate: Other				0.185*** (0.002)	0.193*** (0.033)
Los Angeles County Sheriff					-0.039 (0.051)
Los Angeles PD					-0.146*** (0.007)
Riverside County Sheriff					-0.021 (0.039)
San Bernardino County Sheriff					-0.448*** (0.038)
San Diego County Sheriff					-0.223*** (0.062)
San Diego PD					-0.265*** (0.013)
San Francisco PD					-0.108*** (0.024)
Fresno PD					-0.020*** (0.006)
Long Beach PD					-0.246*** (0.008)

Model:	(11)	(12)	(13)	(14)	(15)
Included variables	Citation	Citation	Citation	Citation	Citation
Oakland PD					-0.182*** (0.020)
Orange County Sheriff					-0.184*** (0.067)
Sacramento County Sheriff					-0.443*** (0.015)
Sacramento PD					-0.344*** (0.013)
San Jose PD					-0.302*** (0.012)
Constant	0.640*** (0.000)	0.348*** (0.005)	0.499*** (0.005)	0.500*** (0.005)	0.593*** (0.018)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.013	0.024	0.055	0.063	0.056
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B9

Rates of enforcement level: arrest, relative to those of omitted categories

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Arrest	Arrest	Arrest	Arrest	Arrest
Black	0.046*** (0.001)	0.042*** (0.001)	0.015*** (0.000)	0.009*** (0.000)	0.000 (0.002)
Latino	0.028*** (0.000)	0.024*** (0.000)	0.028*** (0.000)	0.026*** (0.000)	0.010*** (0.001)
Asian	-0.003*** (0.001)	-0.004*** (0.001)	0.016*** (0.001)	0.017*** (0.001)	0.000 (0.004)
Middle Eastern/South Asian	-0.043*** (0.001)	-0.046*** (0.001)	-0.019*** (0.001)	-0.016*** (0.001)	-0.011*** (0.003)
Native American	0.050*** (0.004)	0.046*** (0.004)	0.050*** (0.004)	0.048*** (0.004)	0.057*** (0.005)
Pacific Islander	0.032*** (0.002)	0.029*** (0.002)	0.027*** (0.002)	0.026*** (0.002)	0.015*** (0.003)
Multi Race/Ethnicity	0.029*** (0.002)	0.024*** (0.002)	0.020*** (0.002)	0.015*** (0.002)	-0.005 (0.005)
Female		-0.011*** (0.000)	0.001** (0.000)	0.005*** (0.000)	-0.003** (0.002)
Transgender Man		0.006 (0.008)	-0.023*** (0.007)	-0.021*** (0.007)	0.026** (0.012)
Transgender Woman		0.047*** (0.011)	-0.022** (0.010)	-0.023** (0.009)	0.010 (0.021)
Gender Nonconforming		0.014* (0.008)	0.022*** (0.008)	0.013* (0.007)	-0.001 (0.011)
LGBT		0.100*** (0.003)	0.052*** (0.003)	0.053*** (0.003)	0.029*** (0.004)
Ages 15-17		-0.023*** (0.004)	0.042*** (0.004)	0.030*** (0.004)	0.047*** (0.010)
Ages 18-24		-0.056*** (0.004)	0.077*** (0.004)	0.068*** (0.004)	0.083*** (0.011)
Ages 25-34		-0.044*** (0.004)	0.084*** (0.004)	0.076*** (0.004)	0.092*** (0.011)
Ages 35-44		-0.049*** (0.004)	0.079*** (0.004)	0.073*** (0.004)	0.088*** (0.011)
Ages 45-54		-0.058*** (0.004)	0.072*** (0.004)	0.068*** (0.004)	0.083*** (0.010)
Ages 55-64		-0.063*** (0.004)	0.072*** (0.004)	0.069*** (0.004)	0.082*** (0.010)
Ages 65+		-0.079*** (0.004)	0.067*** (0.004)	0.065*** (0.004)	0.075*** (0.010)
Limited English Proficiency		0.017*** (0.001)	0.006*** (0.001)	0.005*** (0.001)	0.031*** (0.004)
Disability: Deafness		0.035*** (0.007)	-0.029*** (0.007)	-0.028*** (0.006)	-0.019 (0.012)
Disability: Speech		0.144*** (0.009)	0.056*** (0.009)	0.054*** (0.009)	0.008 (0.011)
Disability: Blindness		0.180*** (0.016)	0.045*** (0.015)	0.039*** (0.015)	0.055*** (0.017)

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Arrest	Arrest	Arrest	Arrest	Arrest
Disability: Mental Health		0.080*** (0.002)	-0.155*** (0.002)	-0.133*** (0.002)	-0.113*** (0.017)
Disability: Development		0.061*** (0.010)	-0.104*** (0.010)	-0.083*** (0.010)	-0.074*** (0.010)
Disability: Hyperactivity		0.224** (0.091)	0.136 (0.086)	0.113 (0.079)	-0.104 (0.183)
Disability: Other		0.133*** (0.005)	0.008 (0.005)	0.002 (0.005)	0.007 (0.013)
Disability: Multiple		0.014** (0.006)	-0.141*** (0.006)	-0.122*** (0.006)	-0.109*** (0.013)
Call for Service			0.105*** (0.001)	0.112*** (0.001)	0.102*** (0.009)
Reason for Stop: Reasonable Suspicion			0.232*** (0.001)	0.180*** (0.001)	0.174*** (0.025)
RfS: Parole/Probation			0.186*** (0.003)	0.122*** (0.002)	0.128*** (0.013)
RfS: Outstanding Warrant			0.697*** (0.002)	0.642*** (0.003)	0.554*** (0.034)
RfS: Consensual Encounter/Search			0.188*** (0.002)	0.138*** (0.002)	0.093*** (0.013)
RfS: School/Education Violation			0.124*** (0.003)	0.098*** (0.003)	0.107*** (0.017)
Unconditional Hit Rate: Weapon				0.292*** (0.003)	0.293*** (0.016)
Unconditional Hit Rate: Property				0.300*** (0.004)	0.309*** (0.024)
Unconditional Hit Rate: Drug				0.409*** (0.002)	0.376*** (0.052)
Unconditional Hit Rate: Other				0.150*** (0.002)	0.139*** (0.022)
Los Angeles County Sheriff					0.542*** (0.057)
Los Angeles PD					0.003 (0.012)
Riverside County Sheriff					0.008 (0.013)
San Bernardino County Sheriff					-0.011 (0.014)
San Diego County Sheriff					-0.006 (0.007)
San Diego PD					0.017 (0.012)
San Francisco PD					0.046*** (0.017)
Fresno PD					0.001 (0.004)
Long Beach PD					-0.001 (0.009)

Model:	(16)	(17)	(18)	(19)	(20)
Included variables	Arrest	Arrest	Arrest	Arrest	Arrest
Oakland PD					0.026*
					(0.015)
Orange County Sheriff					0.020**
					(0.008)
Sacramento County Sheriff					-0.020
					(0.013)
Sacramento PD					-0.029***
					(0.008)
San Jose PD					0.042***
					(0.007)
Constant	0.097***	0.152***	-0.019***	-0.017***	-0.048***
	(0.000)	(0.004)	(0.004)	(0.004)	(0.012)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.005	0.008	0.114	0.162	0.214
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B10

Rates of enforcement level: booking, relative to those of omitted categories

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Booking	Booking	Booking	Booking	Booking
Black	0.039*** (0.000)	0.033*** (0.000)	0.009*** (0.000)	0.005*** (0.000)	0.008*** (0.001)
Latino	0.015*** (0.000)	0.008*** (0.000)	0.012*** (0.000)	0.011*** (0.000)	0.010*** (0.001)
Asian	-0.026*** (0.000)	-0.028*** (0.000)	-0.010*** (0.000)	-0.009*** (0.000)	-0.007*** (0.001)
Middle Eastern/South Asian	-0.034*** (0.000)	-0.039*** (0.000)	-0.015*** (0.000)	-0.013*** (0.000)	-0.011*** (0.001)
Native American	0.051*** (0.003)	0.047*** (0.004)	0.051*** (0.003)	0.049*** (0.003)	0.047*** (0.004)
Pacific Islander	0.019*** (0.002)	0.015*** (0.002)	0.012*** (0.002)	0.011*** (0.002)	0.012*** (0.002)
Multi Race/Ethnicity	0.017*** (0.001)	0.011*** (0.001)	0.006*** (0.001)	0.003** (0.001)	0.006*** (0.002)
Female		-0.023*** (0.000)	-0.013*** (0.000)	-0.009*** (0.000)	-0.011*** (0.001)
Transgender Man		0.030*** (0.007)	0.007 (0.007)	0.008 (0.007)	0.010 (0.011)
Transgender Woman		0.057*** (0.010)	-0.003 (0.009)	-0.004 (0.009)	-0.001 (0.014)
Gender Nonconforming		0.010 (0.007)	0.018*** (0.007)	0.011* (0.006)	0.022** (0.010)
LGBT		0.077*** (0.002)	0.034*** (0.002)	0.035*** (0.002)	0.037*** (0.003)
Ages 15-17		-0.006* (0.004)	0.054*** (0.004)	0.045*** (0.004)	0.045*** (0.010)
Ages 18-24		-0.032*** (0.003)	0.090*** (0.003)	0.084*** (0.003)	0.083*** (0.011)
Ages 25-34		-0.018*** (0.003)	0.099*** (0.003)	0.093*** (0.003)	0.094*** (0.011)
Ages 35-44		-0.025*** (0.003)	0.092*** (0.003)	0.088*** (0.003)	0.088*** (0.010)
Ages 45-54		-0.037*** (0.003)	0.081*** (0.003)	0.079*** (0.003)	0.080*** (0.010)
Ages 55-64		-0.046*** (0.003)	0.077*** (0.003)	0.075*** (0.003)	0.076*** (0.010)
Ages 65+		-0.064*** (0.003)	0.070*** (0.003)	0.069*** (0.003)	0.069*** (0.010)
Limited English Proficiency		0.029*** (0.001)	0.019*** (0.001)	0.018*** (0.001)	0.021*** (0.003)
Disability: Deafness		0.042*** (0.006)	-0.014*** (0.006)	-0.015*** (0.006)	-0.011 (0.012)
Disability: Speech		0.076*** (0.007)	-0.003 (0.007)	-0.005 (0.007)	0.001 (0.009)
Disability: Blindness		0.161*** (0.015)	0.040*** (0.014)	0.037*** (0.014)	0.042*** (0.011)

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Booking	Booking	Booking	Booking	Booking
Disability: Mental Health		0.108*** (0.002)	-0.109*** (0.002)	-0.094*** (0.002)	-0.090*** (0.016)
Disability: Development		0.063*** (0.009)	-0.088*** (0.009)	-0.072*** (0.009)	-0.069*** (0.008)
Disability: Hyperactivity		0.009 (0.058)	-0.081 (0.056)	-0.099** (0.046)	-0.109*** (0.028)
Disability: Other		0.112*** (0.005)	-0.001 (0.005)	-0.005 (0.005)	-0.001 (0.011)
Disability: Multiple		0.032*** (0.006)	-0.112*** (0.006)	-0.098*** (0.006)	-0.094*** (0.013)
Call for Service			0.133*** (0.001)	0.135*** (0.001)	0.137*** (0.014)
Reason for Stop: Reasonable Suspicion			0.185*** (0.001)	0.147*** (0.001)	0.158*** (0.007)
RfS: Parole/Probation			0.191*** (0.003)	0.142*** (0.002)	0.153*** (0.019)
RfS: Outstanding Warrant			0.644*** (0.003)	0.600*** (0.003)	0.603*** (0.022)
RfS: Consensual Encounter/Search			0.172*** (0.002)	0.135*** (0.002)	0.135*** (0.016)
RfS: School/Education Violation			0.121*** (0.003)	0.102*** (0.003)	0.111*** (0.012)
Unconditional Hit Rate: Weapon				0.333*** (0.003)	0.334*** (0.014)
Unconditional Hit Rate: Property				0.319*** (0.004)	0.320*** (0.026)
Unconditional Hit Rate: Drug				0.298*** (0.002)	0.298*** (0.037)
Unconditional Hit Rate: Other				0.064*** (0.002)	0.068* (0.039)
Los Angeles County Sheriff					0.029** (0.014)
Los Angeles PD					-0.017*** (0.003)
Riverside County Sheriff					-0.016 (0.010)
San Bernardino County Sheriff					-0.011 (0.011)
San Diego County Sheriff					-0.019*** (0.004)
San Diego PD					-0.025*** (0.004)
San Francisco PD					-0.060*** (0.008)
Fresno PD					-0.050*** (0.003)
Long Beach PD					-0.042*** (0.003)

Model:	(21)	(22)	(23)	(24)	(25)
Included variables	Booking	Booking	Booking	Booking	Booking
Oakland PD					-0.017** (0.008)
Orange County Sheriff					-0.037*** (0.005)
Sacramento County Sheriff					-0.039*** (0.008)
Sacramento PD					-0.058*** (0.005)
San Jose PD					-0.028*** (0.004)
Constant	0.056*** (0.000)	0.093*** (0.003)	-0.062*** (0.003)	-0.061*** (0.003)	-0.055*** (0.011)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.006	0.013	0.155	0.206	0.192
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B11

Rates of intrusiveness level: ordered from vehicle, relative to those of omitted categories

Model:	(5)	(6)	(7)	(8)	(9)
Included variables	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle
Black	0.150*** (0.001)	0.133*** (0.001)	0.083*** (0.001)	0.078*** (0.001)	0.039*** (0.012)
Latino	0.044*** (0.000)	0.026*** (0.000)	0.035*** (0.000)	0.033*** (0.000)	0.020*** (0.005)
Asian	-0.053*** (0.001)	-0.056*** (0.001)	-0.017*** (0.001)	-0.016*** (0.001)	-0.024*** (0.003)
Middle Eastern/South Asian	-0.067*** (0.001)	-0.080*** (0.001)	-0.028*** (0.001)	-0.025*** (0.001)	-0.021*** (0.002)
Native American	0.035*** (0.004)	0.003 (0.004)	0.014*** (0.003)	0.011*** (0.003)	0.021** (0.009)
Pacific Islander	0.030*** (0.003)	0.019*** (0.002)	0.017*** (0.002)	0.016*** (0.002)	0.011*** (0.003)
Multi Race/Ethnicity	0.058*** (0.002)	0.040*** (0.002)	0.033*** (0.002)	0.028*** (0.002)	0.008 (0.005)
Female		-0.064*** (0.000)	-0.042*** (0.000)	-0.037*** (0.000)	-0.037*** (0.005)
Transgender Man		0.070*** (0.009)	0.015* (0.008)	0.016** (0.008)	-0.029** (0.013)
Transgender Woman		0.182*** (0.012)	0.056*** (0.011)	0.055*** (0.011)	0.016** (0.008)
Gender Nonconforming		0.069*** (0.011)	0.082*** (0.010)	0.074*** (0.009)	0.026 (0.053)
LGBT		0.107*** (0.003)	0.019*** (0.003)	0.020*** (0.003)	0.020*** (0.007)
Ages 15-17		-0.031*** (0.006)	0.089*** (0.005)	0.077*** (0.005)	0.086*** (0.013)
Ages 18-24		-0.203*** (0.005)	0.047*** (0.005)	0.038*** (0.005)	0.053** (0.022)
Ages 25-34		-0.193*** (0.005)	0.047*** (0.005)	0.039*** (0.005)	0.052** (0.026)
Ages 35-44		-0.216*** (0.005)	0.024*** (0.005)	0.018*** (0.005)	0.035 (0.028)
Ages 45-54		-0.243*** (0.005)	0.002 (0.005)	-0.003 (0.005)	0.018 (0.029)
Ages 55-64		-0.268*** (0.005)	-0.015*** (0.005)	-0.018*** (0.005)	0.007 (0.029)
Ages 65+		-0.299*** (0.005)	-0.024*** (0.005)	-0.026*** (0.005)	-0.001 (0.030)
Limited English Proficiency		0.051*** (0.001)	0.031*** (0.001)	0.030*** (0.001)	0.020*** (0.004)
Disability: Deafness		0.165*** (0.009)	0.045*** (0.009)	0.046*** (0.008)	0.004 (0.008)
Disability: Speech		0.248*** (0.010)	0.084*** (0.009)	0.082*** (0.009)	0.049*** (0.012)
Disability: Blindness		0.345*** (0.017)	0.099*** (0.017)	0.091*** (0.017)	0.070* (0.037)

Model:	(5)	(6)	(7)	(8)	(9)
Included variables	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle
Disability: Mental Health		0.551*** (0.003)	0.114*** (0.003)	0.135*** (0.003)	0.135*** (0.023)
Disability: Development		0.334*** (0.013)	0.027** (0.012)	0.048*** (0.012)	0.045*** (0.011)
Disability: Hyperactivity		-0.199*** (0.070)	-0.414*** (0.070)	-0.441*** (0.072)	-0.412*** (0.079)
Disability: Other		0.295*** (0.006)	0.068*** (0.006)	0.062*** (0.006)	0.040*** (0.013)
Disability: Multiple		0.295*** (0.009)	0.005 (0.008)	0.023*** (0.008)	0.024 (0.025)
Call for Service			0.162*** (0.001)	0.171*** (0.001)	0.160*** (0.009)
Reason for Stop: Reasonable Suspicion			0.455*** (0.001)	0.405*** (0.001)	0.322*** (0.018)
RfS: Parole/Probation			0.577*** (0.003)	0.515*** (0.003)	0.424*** (0.043)
RfS: Outstanding Warrant			0.631*** (0.003)	0.579*** (0.003)	0.487*** (0.024)
RfS: Consensual Encounter/Search			0.413*** (0.002)	0.363*** (0.002)	0.273*** (0.032)
RfS: School/Education Violation			0.341*** (0.004)	0.315*** (0.004)	0.241*** (0.018)
Los Angeles County Sheriff					0.194*** (0.048)
Los Angeles PD					0.187*** (0.004)
Riverside County Sheriff					0.046*** (0.009)
San Bernardino County Sheriff					0.145*** (0.016)
San Diego County Sheriff					0.099*** (0.013)
San Diego PD					0.113*** (0.010)
San Francisco PD					0.110** (0.045)
Fresno PD					0.086*** (0.002)
Long Beach PD					0.159*** (0.005)
Oakland PD					0.178*** (0.006)
Orange County Sheriff					0.126*** (0.021)
Sacramento County Sheriff					0.218*** (0.007)
Sacramento PD					0.126*** (0.006)

Model:	(5)	(6)	(7)	(8)	(9)
Included variables	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle	Out of Vehicle
San Jose PD					0.130*** (0.006)
Unconditional Hit Rate: Weapon				0.269*** (0.003)	0.246*** (0.012)
Unconditional Hit Rate: Property				0.138*** (0.004)	0.144*** (0.015)
Unconditional Hit Rate: Drug				0.415*** (0.002)	0.382*** (0.019)
Unconditional Hit Rate: Other				0.182*** (0.002)	0.160*** (0.014)
Constant	0.128*** (0.000)	0.365*** (0.005)	0.044*** (0.005)	0.046*** (0.005)	-0.016 (0.025)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.025	0.060	0.290	0.322	0.268
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B12

Rates of intrusiveness level: physical contact, relative to those of omitted categories

Model:	(10)	(11)	(12)	(13)	(14)
Included variables	Physical Contact	Physical Contact	Physical Contact	Physical Contact	Physical Contact
Black	0.130*** (0.001)	0.115*** (0.001)	0.065*** (0.001)	0.060*** (0.001)	0.026*** (0.006)
Latino	0.035*** (0.000)	0.020*** (0.000)	0.030*** (0.000)	0.028*** (0.000)	0.016*** (0.004)
Asian	-0.051*** (0.001)	-0.053*** (0.001)	-0.013*** (0.000)	-0.013*** (0.000)	-0.019*** (0.002)
Middle Eastern/South Asian	-0.064*** (0.001)	-0.074*** (0.001)	-0.022*** (0.001)	-0.019*** (0.000)	-0.016*** (0.002)
Native American	0.031*** (0.004)	0.002 (0.004)	0.013*** (0.003)	0.011*** (0.003)	0.021*** (0.007)
Pacific Islander	0.028*** (0.002)	0.018*** (0.002)	0.016*** (0.002)	0.015*** (0.002)	0.010*** (0.003)
Multi Race/Ethnicity	0.048*** (0.002)	0.033*** (0.002)	0.026*** (0.002)	0.022*** (0.002)	0.003 (0.005)
Female		-0.058*** (0.000)	-0.036*** (0.000)	-0.032*** (0.000)	-0.032*** (0.004)
Transgender Man		0.079*** (0.009)	0.022*** (0.008)	0.024*** (0.008)	-0.013 (0.010)
Transgender Woman		0.185*** (0.012)	0.058*** (0.011)	0.057*** (0.011)	0.024** (0.010)
Gender Nonconforming		0.020* (0.011)	0.034*** (0.009)	0.026*** (0.009)	-0.010 (0.043)
LGBT		0.105*** (0.003)	0.015*** (0.002)	0.017*** (0.002)	0.015*** (0.006)
Ages 15-17		-0.044*** (0.006)	0.077*** (0.005)	0.067*** (0.005)	0.075*** (0.013)
Ages 18-24		-0.213*** (0.005)	0.040*** (0.005)	0.032*** (0.005)	0.045** (0.020)
Ages 25-34		-0.197*** (0.005)	0.045*** (0.005)	0.038*** (0.005)	0.049** (0.023)
Ages 35-44		-0.214*** (0.005)	0.029*** (0.005)	0.024*** (0.005)	0.038 (0.024)
Ages 45-54		-0.237*** (0.005)	0.010** (0.005)	0.006 (0.005)	0.024 (0.024)
Ages 55-64		-0.260*** (0.005)	-0.005 (0.005)	-0.008 (0.005)	0.014 (0.025)
Ages 65+		-0.291*** (0.005)	-0.013*** (0.005)	-0.015*** (0.005)	0.006 (0.025)
Limited English Proficiency		0.040*** (0.001)	0.019*** (0.001)	0.018*** (0.001)	0.011*** (0.003)
Disability: Deafness		0.148*** (0.009)	0.027*** (0.008)	0.027*** (0.008)	-0.007 (0.007)
Disability: Speech		0.230*** (0.010)	0.064*** (0.009)	0.062*** (0.009)	0.037*** (0.013)
Disability: Blindness		0.331*** (0.017)	0.081*** (0.017)	0.075*** (0.017)	0.058* (0.035)

Model:	(10)	(11)	(12)	(13)	(14)
Included variables	Physical Contact	Physical Contact	Physical Contact	Physical Contact	Physical Contact
Disability: Mental Health		0.565*** (0.003)	0.123*** (0.003)	0.143*** (0.003)	0.143*** (0.022)
Disability: Development		0.334*** (0.013)	0.024* (0.012)	0.042*** (0.012)	0.041*** (0.011)
Disability: Hyperactivity		-0.172** (0.071)	-0.389*** (0.071)	-0.412*** (0.072)	-0.396*** (0.080)
Disability: Other		0.267*** (0.006)	0.037*** (0.006)	0.032*** (0.006)	0.014 (0.012)
Disability: Multiple		0.307*** (0.009)	0.015* (0.008)	0.031*** (0.008)	0.031 (0.019)
Call for Service			0.160*** (0.001)	0.167*** (0.001)	0.157*** (0.008)
Reason for Stop: Reasonable Suspicion			0.464*** (0.001)	0.419*** (0.001)	0.350*** (0.015)
RfS: Parole/Probation			0.571*** (0.003)	0.515*** (0.003)	0.438*** (0.039)
RfS: Outstanding Warrant			0.640*** (0.003)	0.592*** (0.003)	0.512*** (0.022)
RfS: Consensual Encounter/Search			0.405*** (0.002)	0.360*** (0.002)	0.284*** (0.029)
RfS: School/Education Violation			0.344*** (0.004)	0.321*** (0.004)	0.262*** (0.016)
Los Angeles County Sheriff					0.184*** (0.048)
Los Angeles PD					0.153*** (0.004)
Riverside County Sheriff					0.040*** (0.008)
San Bernardino County Sheriff					0.118*** (0.014)
San Diego County Sheriff					0.084*** (0.011)
San Diego PD					0.088*** (0.008)
San Francisco PD					0.108*** (0.039)
Fresno PD					0.070*** (0.002)
Long Beach PD					0.140*** (0.004)
Oakland PD					0.150*** (0.005)
Orange County Sheriff					0.104*** (0.017)
Sacramento County Sheriff					0.190*** (0.007)
Sacramento PD					0.128*** (0.006)

Model:	(10)	(11)	(12)	(13)	(14)
Included variables	Physical Contact	Physical Contact	Physical Contact	Physical Contact	Physical Contact
San Jose PD					0.065*** (0.005)
Unconditional Hit Rate: Weapon				0.262*** (0.003)	0.243*** (0.013)
Unconditional Hit Rate: Property				0.164*** (0.004)	0.170*** (0.013)
Unconditional Hit Rate: Drug				0.362*** (0.002)	0.335*** (0.026)
Unconditional Hit Rate: Other				0.162*** (0.002)	0.144*** (0.012)
Constant	0.117*** (0.000)	0.351*** (0.005)	0.026*** (0.005)	0.028*** (0.005)	-0.024 (0.022)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.022	0.058	0.316	0.345	0.288
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B13

Rates of intrusiveness level: detained, relative to those of omitted categories

Model:	(15)	(16)	(17)	(18)	(19)
Included variables	Detained	Detained	Detained	Detained	Detained
Black	0.129*** (0.001)	0.114*** (0.001)	0.064*** (0.001)	0.059*** (0.001)	0.026*** (0.006)
Latino	0.035*** (0.000)	0.021*** (0.000)	0.030*** (0.000)	0.028*** (0.000)	0.016*** (0.004)
Asian	-0.050*** (0.001)	-0.052*** (0.001)	-0.013*** (0.000)	-0.012*** (0.000)	-0.019*** (0.002)
Middle Eastern/South Asian	-0.063*** (0.001)	-0.074*** (0.001)	-0.022*** (0.000)	-0.019*** (0.000)	-0.017*** (0.002)
Native American	0.033*** (0.004)	0.005 (0.004)	0.016*** (0.003)	0.014*** (0.003)	0.023*** (0.006)
Pacific Islander	0.028*** (0.002)	0.018*** (0.002)	0.017*** (0.002)	0.015*** (0.002)	0.011*** (0.003)
Multi Race/Ethnicity	0.049*** (0.002)	0.034*** (0.002)	0.027*** (0.002)	0.023*** (0.002)	0.004 (0.005)
Female		-0.058*** (0.000)	-0.036*** (0.000)	-0.032*** (0.000)	-0.032*** (0.004)
Transgender Man		0.081*** (0.009)	0.024*** (0.008)	0.025*** (0.008)	-0.015 (0.010)
Transgender Woman		0.188*** (0.012)	0.060*** (0.011)	0.059*** (0.011)	0.026*** (0.008)
Gender Nonconforming		0.015 (0.011)	0.028*** (0.009)	0.021** (0.009)	-0.014 (0.042)
LGBT		0.104*** (0.003)	0.015*** (0.002)	0.016*** (0.002)	0.019*** (0.005)
Ages 15-17		-0.042*** (0.006)	0.079*** (0.005)	0.069*** (0.005)	0.076*** (0.013)
Ages 18-24		-0.209*** (0.005)	0.042*** (0.005)	0.035*** (0.005)	0.047** (0.020)
Ages 25-34		-0.194*** (0.005)	0.048*** (0.005)	0.041*** (0.005)	0.051** (0.023)
Ages 35-44		-0.210*** (0.005)	0.032*** (0.005)	0.026*** (0.005)	0.040* (0.024)
Ages 45-54		-0.233*** (0.005)	0.013*** (0.005)	0.009* (0.005)	0.026 (0.024)
Ages 55-64		-0.256*** (0.005)	-0.001 (0.005)	-0.004 (0.005)	0.015 (0.025)
Ages 65+		-0.286*** (0.005)	-0.010** (0.005)	-0.012** (0.005)	0.008 (0.025)
Limited English Proficiency		0.040*** (0.001)	0.019*** (0.001)	0.018*** (0.001)	0.010*** (0.003)
Disability: Deafness		0.146*** (0.009)	0.026*** (0.008)	0.026*** (0.008)	-0.008 (0.007)
Disability: Speech		0.223*** (0.010)	0.058*** (0.009)	0.056*** (0.009)	0.033** (0.013)
Disability: Blindness		0.326*** (0.017)	0.078*** (0.017)	0.071*** (0.017)	0.057* (0.034)

Model:	(15)	(16)	(17)	(18)	(19)
Included variables	Detained	Detained	Detained	Detained	Detained
Disability: Mental Health		0.563*** (0.003)	0.124*** (0.003)	0.143*** (0.003)	0.143*** (0.022)
Disability: Development		0.327*** (0.013)	0.019 (0.012)	0.037*** (0.012)	0.037*** (0.011)
Disability: Hyperactivity		-0.236*** (0.059)	-0.452*** (0.055)	-0.475*** (0.057)	-0.458*** (0.059)
Disability: Other		0.264*** (0.006)	0.035*** (0.006)	0.030*** (0.006)	0.013 (0.012)
Disability: Multiple		0.301*** (0.009)	0.011 (0.008)	0.027*** (0.008)	0.028 (0.019)
Call for Service			0.157*** (0.001)	0.165*** (0.001)	0.156*** (0.008)
Reason for Stop: Reasonable Suspicion			0.464*** (0.001)	0.418*** (0.001)	0.351*** (0.015)
RfS: Parole/Probation			0.569*** (0.003)	0.513*** (0.003)	0.439*** (0.039)
RfS: Outstanding Warrant			0.639*** (0.003)	0.592*** (0.003)	0.514*** (0.022)
RfS: Consensual Encounter/Search			0.392*** (0.002)	0.348*** (0.002)	0.277*** (0.029)
RfS: School/Education Violation			0.343*** (0.004)	0.321*** (0.004)	0.264*** (0.015)
Los Angeles County Sheriff					0.178*** (0.048)
Los Angeles PD					0.154*** (0.004)
Riverside County Sheriff					0.038*** (0.008)
San Bernardino County Sheriff					0.110*** (0.016)
San Diego County Sheriff					0.082*** (0.012)
San Diego PD					0.085*** (0.008)
San Francisco PD					0.102*** (0.038)
Fresno PD					0.068*** (0.002)
Long Beach PD					0.135*** (0.004)
Oakland PD					0.147*** (0.005)
Orange County Sheriff					0.099*** (0.016)
Sacramento County Sheriff					0.187*** (0.007)
Sacramento PD					0.095*** (0.006)

Model:	(15)	(16)	(17)	(18)	(19)
Included variables	Detained	Detained	Detained	Detained	Detained
San Jose PD					0.061*** (0.005)
Unconditional Hit Rate: Weapon				0.264*** (0.003)	0.245*** (0.013)
Unconditional Hit Rate: Property				0.162*** (0.004)	0.168*** (0.013)
Unconditional Hit Rate: Drug				0.358*** (0.002)	0.332*** (0.026)
Unconditional Hit Rate: Other				0.161*** (0.002)	0.144*** (0.012)
Constant	0.114*** (0.000)	0.345*** (0.005)	0.021*** (0.005)	0.023*** (0.005)	-0.026 (0.022)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.022	0.058	0.318	0.346	0.290
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B14

Rates of intrusiveness level: handcuffed, relative to those of omitted categories

Model:	(20)	(21)	(22)	(23)	(24)
Included variables	Handcuffed	Handcuffed	Handcuffed	Handcuffed	Handcuffed
Black	0.075*** (0.000)	0.065*** (0.000)	0.030*** (0.000)	0.026*** (0.000)	0.015*** (0.003)
Latino	0.023*** (0.000)	0.013*** (0.000)	0.019*** (0.000)	0.018*** (0.000)	0.014*** (0.004)
Asian	-0.031*** (0.000)	-0.032*** (0.000)	-0.006*** (0.000)	-0.005*** (0.000)	-0.004** (0.002)
Middle Eastern/South Asian	-0.039*** (0.000)	-0.046*** (0.000)	-0.011*** (0.000)	-0.009*** (0.000)	-0.009*** (0.001)
Native American	0.030*** (0.003)	0.011*** (0.003)	0.019*** (0.003)	0.017*** (0.003)	0.019*** (0.004)
Pacific Islander	0.021*** (0.002)	0.015*** (0.002)	0.013*** (0.002)	0.011*** (0.002)	0.012*** (0.002)
Multi Race/Ethnicity	0.023*** (0.001)	0.013*** (0.001)	0.007*** (0.001)	0.004*** (0.001)	0.007** (0.003)
Female		-0.041*** (0.000)	-0.026*** (0.000)	-0.023*** (0.000)	-0.022*** (0.004)
Transgender Man		0.077*** (0.008)	0.040*** (0.007)	0.041*** (0.007)	0.014* (0.008)
Transgender Woman		0.118*** (0.011)	0.030*** (0.010)	0.028*** (0.010)	0.011 (0.014)
Gender Nonconforming		-0.007 (0.009)	0.003 (0.008)	-0.003 (0.008)	0.000 (0.030)
LGBT		0.077*** (0.003)	0.016*** (0.002)	0.017*** (0.002)	0.023*** (0.004)
Ages 15-17		-0.006 (0.005)	0.078*** (0.005)	0.069*** (0.005)	0.071*** (0.011)
Ages 18-24		-0.117*** (0.005)	0.055*** (0.004)	0.049*** (0.004)	0.054*** (0.021)
Ages 25-34		-0.107*** (0.005)	0.058*** (0.004)	0.053*** (0.004)	0.059*** (0.022)
Ages 35-44		-0.118*** (0.005)	0.047*** (0.004)	0.043*** (0.004)	0.051** (0.022)
Ages 45-54		-0.136*** (0.005)	0.032*** (0.004)	0.029*** (0.004)	0.038 (0.023)
Ages 55-64		-0.151*** (0.005)	0.023*** (0.004)	0.022*** (0.004)	0.030 (0.024)
Ages 65+		-0.170*** (0.005)	0.018*** (0.004)	0.017*** (0.004)	0.026 (0.025)
Limited English Proficiency		0.030*** (0.001)	0.015*** (0.001)	0.014*** (0.001)	0.007*** (0.003)
Disability: Deafness		0.079*** (0.007)	-0.004 (0.007)	-0.004 (0.006)	-0.019** (0.009)
Disability: Speech		0.141*** (0.009)	0.027*** (0.008)	0.026*** (0.008)	0.024** (0.011)
Disability: Blindness		0.215*** (0.016)	0.044*** (0.015)	0.040*** (0.015)	0.032 (0.023)

Model:	(20)	(21)	(22)	(23)	(24)
Included variables	Handcuffed	Handcuffed	Handcuffed	Handcuffed	Handcuffed
Disability: Mental Health		0.483*** (0.003)	0.173*** (0.003)	0.188*** (0.003)	0.179*** (0.032)
Disability: Development		0.201*** (0.012)	-0.014 (0.011)	0.002 (0.011)	-0.004 (0.014)
Disability: Hyperactivity		-0.101* (0.058)	-0.234*** (0.054)	-0.251*** (0.053)	-0.231*** (0.055)
Disability: Other		0.143*** (0.005)	-0.016*** (0.005)	-0.020*** (0.005)	-0.027** (0.013)
Disability: Multiple		0.225*** (0.008)	0.021*** (0.008)	0.034*** (0.008)	0.028 (0.018)
Call for Service			0.153*** (0.001)	0.155*** (0.001)	0.162*** (0.013)
Reason for Stop: Reasonable Suspicion			0.302*** (0.001)	0.266*** (0.001)	0.235*** (0.013)
RfS: Parole/Probation			0.357*** (0.003)	0.311*** (0.003)	0.287*** (0.025)
RfS: Outstanding Warrant			0.550*** (0.003)	0.510*** (0.003)	0.495*** (0.026)
RfS: Consensual Encounter/Search			0.188*** (0.002)	0.153*** (0.002)	0.148*** (0.018)
RfS: School/Education Violation			0.183*** (0.003)	0.165*** (0.003)	0.151*** (0.022)
Los Angeles County Sheriff					-0.017* (0.009)
Los Angeles PD					0.068*** (0.006)
Riverside County Sheriff					0.007 (0.004)
San Bernardino County Sheriff					0.007 (0.009)
San Diego County Sheriff					0.014 (0.010)
San Diego PD					0.080*** (0.007)
San Francisco PD					-0.023*** (0.004)
Fresno PD					-0.020*** (0.003)
Long Beach PD					-0.025*** (0.004)
Oakland PD					0.100*** (0.011)
Orange County Sheriff					-0.032*** (0.008)
Sacramento County Sheriff					0.077*** (0.011)
Sacramento PD					0.003 (0.007)
San Jose PD					0.017*** (0.005)

Model:	(20)	(21)	(22)	(23)	(24)
Included variables	Handcuffed	Handcuffed	Handcuffed	Handcuffed	Handcuffed
Unconditional Hit Rate: Weapon				0.316*** (0.003)	0.307*** (0.009)
Unconditional Hit Rate: Property				0.272*** (0.004)	0.280*** (0.014)
Unconditional Hit Rate: Drug				0.276*** (0.002)	0.272*** (0.035)
Unconditional Hit Rate: Other				0.070*** (0.002)	0.067*** (0.025)
Constant	0.067*** (0.000)	0.199*** (0.005)	-0.021*** (0.004)	-0.021*** (0.004)	-0.036 (0.023)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.012	0.047	0.248	0.282	0.241
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B15

Rates of intrusiveness level: weapon involved, relative to those of omitted categories

Model:	(25)	(26)	(27)	(28)	(29)
Included variables	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon
Black	0.006*** (0.000)	0.005*** (0.000)	0.003*** (0.000)	0.002*** (0.000)	0.002*** (0.000)
Latino	0.002*** (0.000)	0.001*** (0.000)	0.002*** (0.000)	0.001*** (0.000)	0.001*** (0.000)
Asian	-0.001*** (0.000)	-0.001*** (0.000)	0.001*** (0.000)	0.000*** (0.000)	0.001*** (0.000)
Middle Eastern/South Asian	-0.001*** (0.000)	-0.002*** (0.000)	0.000** (0.000)	0.000*** (0.000)	0.001*** (0.000)
Native American	0.001 (0.001)	0.000 (0.001)	0.001 (0.001)	0.000 (0.001)	0.000 (0.001)
Pacific Islander	0.003*** (0.001)	0.003*** (0.001)	0.002*** (0.001)	0.002*** (0.001)	0.002*** (0.001)
Multi Race/Ethnicity	0.003*** (0.000)	0.002*** (0.000)	0.001*** (0.000)	0.001*** (0.000)	0.001 (0.001)
Female		-0.003*** (0.000)	-0.002*** (0.000)	-0.001*** (0.000)	-0.001*** (0.000)
Transgender Man		0.006*** (0.002)	0.004* (0.002)	0.004* (0.002)	0.003* (0.002)
Transgender Woman		0.004 (0.003)	-0.002 (0.003)	-0.002 (0.003)	-0.002 (0.004)
Gender Nonconforming		0.003 (0.002)	0.004* (0.002)	0.003 (0.002)	0.001 (0.004)
LGBT		0.002*** (0.001)	-0.002*** (0.001)	-0.001** (0.001)	-0.000 (0.001)
Ages 15-17		0.002 (0.001)	0.007*** (0.001)	0.006*** (0.001)	0.006*** (0.002)
Ages 18-24		-0.009*** (0.001)	0.002 (0.001)	0.002 (0.001)	0.002 (0.003)
Ages 25-34		-0.009*** (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.003)
Ages 35-44		-0.010*** (0.001)	0.000 (0.001)	0.000 (0.001)	0.001 (0.003)
Ages 45-54		-0.012*** (0.001)	-0.001 (0.001)	-0.001 (0.001)	-0.000 (0.003)
Ages 55-64		-0.013*** (0.001)	-0.002 (0.001)	-0.001 (0.001)	-0.001 (0.003)
Ages 65+		-0.013*** (0.001)	-0.001 (0.001)	-0.001 (0.001)	-0.000 (0.003)
Limited English Proficiency		0.001*** (0.000)	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Disability: Deafness		0.004** (0.002)	-0.001 (0.002)	-0.002 (0.002)	-0.002 (0.002)
Disability: Speech		0.004** (0.002)	-0.003* (0.002)	-0.004** (0.002)	-0.004** (0.002)
Disability: Blindness		0.013*** (0.004)	0.002 (0.004)	0.001 (0.004)	0.001 (0.005)

Model:	(25)	(26)	(27)	(28)	(29)
Included variables	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon
Disability: Mental Health		0.013*** (0.001)	-0.007*** (0.001)	-0.006*** (0.001)	-0.005** (0.002)
Disability: Development		0.004* (0.002)	-0.010*** (0.003)	-0.007*** (0.002)	-0.007*** (0.003)
Disability: Hyperactivity		-0.016*** (0.001)	-0.022*** (0.002)	-0.026*** (0.005)	-0.025*** (0.007)
Disability: Other		0.009*** (0.001)	-0.002 (0.001)	-0.003** (0.001)	-0.003** (0.001)
Disability: Multiple		0.004** (0.002)	-0.009*** (0.002)	-0.007*** (0.002)	-0.007*** (0.002)
Call for Service			0.010*** (0.000)	0.010*** (0.000)	0.008*** (0.002)
Reason for Stop: Reasonable Suspicion			0.021*** (0.000)	0.015*** (0.000)	0.016*** (0.002)
RfS: Parole/Probation			0.009*** (0.001)	0.003*** (0.001)	0.003*** (0.001)
RfS: Outstanding Warrant			0.045*** (0.001)	0.039*** (0.001)	0.039*** (0.006)
RfS: Consensual Encounter/Search			0.001*** (0.000)	-0.002*** (0.000)	-0.005*** (0.001)
RfS: School/Education Violation			0.006*** (0.001)	0.004*** (0.001)	0.003 (0.002)
Los Angeles County Sheriff					-0.003*** (0.001)
Los Angeles PD					0.001 (0.001)
Riverside County Sheriff					0.001 (0.001)
San Bernardino County Sheriff					0.007*** (0.002)
San Diego County Sheriff					-0.002* (0.001)
San Diego PD					-0.008*** (0.001)
San Francisco PD					-0.007*** (0.001)
Fresno PD					-0.000 (0.001)
Long Beach PD					0.004*** (0.001)
Oakland PD					0.005** (0.002)
Orange County Sheriff					0.001 (0.001)
Sacramento County Sheriff					0.012*** (0.003)
Sacramento PD					0.008*** (0.002)

Model:	(25)	(26)	(27)	(28)	(29)
Included variables	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon	Involves Weapon
San Jose PD					0.004*** (0.001)
Unconditional Hit Rate: Weapon				0.095*** (0.002)	0.094*** (0.006)
Unconditional Hit Rate: Property				0.074*** (0.003)	0.074*** (0.010)
Unconditional Hit Rate: Drug				0.012*** (0.001)	0.012*** (0.002)
Unconditional Hit Rate: Other				0.020*** (0.001)	0.020*** (0.004)
Constant	0.003*** (0.000)	0.014*** (0.001)	-0.000 (0.001)	-0.001 (0.001)	-0.001 (0.003)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.001	0.002	0.019	0.041	0.038
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B16

Rates of intrusiveness level: weapon used, relative to those of omitted categories

Model:	(30)	(31)	(32)	(33)	(34)
Included variables	Weapon Used	Weapon Used	Weapon Used	Weapon Used	Weapon Used
Black	0.00051*** (0.00004)	0.00042*** (0.00004)	0.00022*** (0.00004)	0.00016*** (0.00004)	0.00018*** (0.00003)
Latino	0.00010*** (0.00002)	0.00004* (0.00003)	0.00009*** (0.00003)	0.00006** (0.00003)	0.00006** (0.00003)
Asian	-0.00019*** (0.00003)	-0.00019*** (0.00003)	-0.00004 (0.00003)	-0.00004 (0.00003)	-0.00002 (0.00003)
Middle Eastern/South Asian	-0.00021*** (0.00003)	-0.00027*** (0.00004)	-0.00007** (0.00003)	-0.00006* (0.00003)	-0.00004 (0.00004)
Native American	-0.00001 (0.00021)	-0.00017 (0.00023)	-0.00010 (0.00023)	-0.00014 (0.00023)	-0.00011 (0.00020)
Pacific Islander	0.00043** (0.00020)	0.00038* (0.00020)	0.00036* (0.00020)	0.00033* (0.00019)	0.00032 (0.00025)
Multi Race/Ethnicity	0.00041*** (0.00015)	0.00033** (0.00015)	0.00029** (0.00015)	0.00025* (0.00015)	0.00024 (0.00015)
Female		-0.00043*** (0.00002)	-0.00035*** (0.00002)	-0.00031*** (0.00002)	-0.00032*** (0.00004)
Transgender Man		0.00110 (0.00088)	0.00091 (0.00088)	0.00089 (0.00088)	0.00089 (0.00117)
Transgender Woman		-0.00035 (0.00079)	-0.00091 (0.00079)	-0.00091 (0.00079)	-0.00089 (0.00076)
Gender Nonconforming		0.00038 (0.00091)	0.00046 (0.00091)	0.00043 (0.00091)	0.00018 (0.00094)
LGBT		0.00035 (0.00022)	-0.00005 (0.00022)	-0.00002 (0.00022)	-0.00001 (0.00020)
Ages 15-17		0.00054** (0.00025)	0.00109*** (0.00025)	0.00102*** (0.00025)	0.00103*** (0.00021)
Ages 18-24		0.00046** (0.00023)	0.00154*** (0.00023)	0.00154*** (0.00023)	0.00157*** (0.00034)
Ages 25-34		0.00066*** (0.00022)	0.00170*** (0.00023)	0.00171*** (0.00023)	0.00174*** (0.00034)
Ages 35-44		0.00057** (0.00023)	0.00161*** (0.00023)	0.00162*** (0.00023)	0.00166*** (0.00032)
Ages 45-54		0.00041* (0.00023)	0.00146*** (0.00023)	0.00150*** (0.00023)	0.00153*** (0.00030)
Ages 55-64		0.00027 (0.00023)	0.00136*** (0.00023)	0.00140*** (0.00023)	0.00144*** (0.00030)
Ages 65+		0.00020 (0.00023)	0.00138*** (0.00023)	0.00142*** (0.00023)	0.00146*** (0.00030)
Limited English Proficiency		0.00011* (0.00006)	-0.00000 (0.00006)	-0.00002 (0.00006)	-0.00002 (0.00006)
Disability: Deafness		0.00032 (0.00054)	-0.00019 (0.00054)	-0.00022 (0.00055)	-0.00024 (0.00060)
Disability: Speech		0.00086 (0.00077)	0.00011 (0.00077)	0.00009 (0.00077)	0.00005 (0.00082)
Disability: Blindness		0.00194 (0.00171)	0.00086 (0.00171)	0.00082 (0.00171)	0.00085 (0.00209)

Model:	(30)	(31)	(32)	(33)	(34)
Included variables	Weapon Used	Weapon Used	Weapon Used	Weapon Used	Weapon Used
Disability: Mental Health		0.00544*** (0.00045)	0.00328*** (0.00046)	0.00336*** (0.00046)	0.00337*** (0.00047)
Disability: Development		0.00154 (0.00116)	0.00012 (0.00115)	0.00029 (0.00116)	0.00026 (0.00097)
Disability: Hyperactivity		-0.00030* (0.00016)	-0.00110*** (0.00026)	-0.00151*** (0.00048)	-0.00134*** (0.00049)
Disability: Other		0.00102** (0.00049)	0.00001 (0.00049)	-0.00006 (0.00049)	-0.00005 (0.00049)
Disability: Multiple		0.00150* (0.00082)	0.00008 (0.00081)	0.00020 (0.00081)	0.00017 (0.00072)
Call for Service			0.00189*** (0.00015)	0.00180*** (0.00015)	0.00179*** (0.00022)
Reason for Stop: Reasonable Suspicion			0.00158*** (0.00007)	0.00118*** (0.00007)	0.00113*** (0.00008)
RfS: Parole/Probation			0.00071*** (0.00020)	0.00029 (0.00020)	0.00026 (0.00018)
RfS: Outstanding Warrant			0.00362*** (0.00039)	0.00316*** (0.00038)	0.00311*** (0.00049)
RfS: Consensual Encounter/Search			0.00019 (0.00014)	-0.00009 (0.00014)	-0.00012 (0.00021)
RfS: School/Education Violation			0.00053* (0.00029)	0.00036 (0.00029)	0.00023 (0.00035)
Los Angeles County Sheriff					0.00039 (0.00034)
Los Angeles PD					0.00002 (0.00007)
Riverside County Sheriff					-0.00001 (0.00023)
San Bernardino County Sheriff					0.00007 (0.00017)
San Diego County Sheriff					0.00023 (0.00021)
San Diego PD					0.00019*** (0.00007)
San Francisco PD					-0.00031*** (0.00010)
Fresno PD					-0.00028*** (0.00004)
Long Beach PD					0.00049*** (0.00015)
Oakland PD					0.00009 (0.00018)
Orange County Sheriff					-0.00020* (0.00012)
Sacramento County Sheriff					0.00064*** (0.00016)
Sacramento PD					-0.00043*** (0.00011)

Model:	(30)	(31)	(32)	(33)	(34)
Included variables	Weapon Used	Weapon Used	Weapon Used	Weapon Used	Weapon Used
San Jose PD					0.00102*** (0.00008)
Unconditional Hit Rate: Weapon				0.00939*** (0.00072)	0.00936*** (0.00093)
Unconditional Hit Rate: Property				0.00338*** (0.00072)	0.00339*** (0.00106)
Unconditional Hit Rate: Drug				0.00088*** (0.00021)	0.00086** (0.00036)
Unconditional Hit Rate: Other				0.00110*** (0.00027)	0.00114** (0.00057)
Constant	0.00038*** (0.00002)	-0.00002 (0.00022)	-0.00139*** (0.00023)	-0.00143*** (0.00023)	-0.00150*** (0.00034)
Observations	3,992,074	3,992,072	3,992,072	3,992,072	3,992,070
R-squared	0.00008	0.00066	0.00203	0.00330	0.00302
Number of City					842
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); traffic violation (reason for stop); and CHP (law enforcement agency).

TABLE B17

Search rates, relative to those of omitted categories, resulting from traffic stops by law enforcement agency type

VARIABLES	Traffic – Local Law Enforcement				Traffic – CHP			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
	Search	Search	Search	Search	Search	Search	Search	Search
Black	0.134*** (0.001)	0.115*** (0.001)	0.115*** (0.001)	0.095*** (0.024)	0.003*** (0.000)	0.002*** (0.000)	0.002*** (0.000)	0.002*** (0.001)
Latino	0.069*** (0.001)	0.047*** (0.001)	0.047*** (0.001)	0.037*** (0.012)	0.007*** (0.000)	0.004*** (0.000)	0.004*** (0.000)	0.005*** (0.001)
Asian	-0.033*** (0.001)	-0.032*** (0.001)	-0.032*** (0.001)	-0.038*** (0.005)	-0.004*** (0.000)	-0.005*** (0.000)	-0.005*** (0.000)	-0.005*** (0.001)
Middle Eastern/South Asian	-0.033*** (0.001)	-0.049*** (0.001)	-0.049*** (0.001)	-0.047*** (0.004)	-0.006*** (0.000)	-0.008*** (0.000)	-0.008*** (0.000)	-0.007*** (0.001)
Native American	0.009 (0.006)	0.005 (0.009)	0.006 (0.009)	0.011 (0.013)	0.020*** (0.002)	0.020*** (0.002)	0.019*** (0.002)	0.018*** (0.003)
Pacific Islander	0.017*** (0.003)	0.009** (0.003)	0.008** (0.003)	0.007 (0.009)	0.005*** (0.001)	0.004*** (0.001)	0.004*** (0.001)	0.003** (0.001)
Multi Race/Ethnicity	0.059*** (0.003)	0.039*** (0.003)	0.039*** (0.003)	0.033*** (0.011)	0.005*** (0.001)	0.002** (0.001)	0.002** (0.001)	0.003*** (0.001)
Female		-0.097*** (0.000)	-0.096*** (0.000)	-0.091*** (0.016)		-0.006*** (0.000)	-0.006*** (0.000)	-0.007*** (0.000)
Transgender Man		0.039*** (0.011)	0.039*** (0.011)	0.030* (0.016)		0.017 (0.018)	0.019 (0.018)	0.019** (0.008)
Transgender Woman		0.001 (0.015)	0.001 (0.015)	-0.008 (0.024)		0.110 (0.073)	0.112 (0.073)	0.111** (0.054)
Gender Nonconforming		-0.005 (0.012)	-0.006 (0.012)	-0.025 (0.026)				
LGBT		-0.012*** (0.004)	-0.013*** (0.004)	-0.010 (0.018)		0.033*** (0.003)	0.032*** (0.003)	0.031*** (0.004)
Ages 15-17		0.103*** (0.008)	0.103*** (0.008)	0.106*** (0.027)		-0.004 (0.007)	0.005 (0.007)	0.005 (0.007)
Ages 18-24		0.019*** (0.007)	0.020*** (0.007)	0.024*** (0.008)		-0.004 (0.007)	0.006 (0.007)	0.006 (0.007)
Ages 25-34		0.013* (0.007)	0.014** (0.007)	0.017 (0.013)		-0.003 (0.007)	0.007 (0.007)	0.008 (0.007)
Ages 35-44		-0.015** (0.007)	-0.014** (0.007)	-0.008 (0.020)		-0.008 (0.007)	0.002 (0.007)	0.003 (0.007)
Ages 45-54		-0.047*** (0.007)	-0.046*** (0.007)	-0.038 (0.024)		-0.012* (0.007)	-0.002 (0.007)	-0.001 (0.007)
Ages 55-64		-0.071*** (0.007)	-0.070*** (0.007)	-0.060** (0.026)		-0.013** (0.007)	-0.003 (0.007)	-0.002 (0.007)
Ages 65+		-0.086*** (0.007)	-0.085*** (0.007)	-0.072*** (0.024)		-0.015** (0.007)	-0.005 (0.007)	-0.004 (0.007)
Limited English Proficiency		0.009*** (0.001)	0.008*** (0.001)	-0.003 (0.005)		0.014*** (0.001)	0.013*** (0.001)	0.014*** (0.003)

VARIABLES	Traffic – Local Law Enforcement				Traffic – CHP			
	(1) Search	(2) Search	(3) Search	(4) Search	(1) Search	(2) Search	(3) Search	(4) Search
Disability: Deafness		0.029*** (0.009)	0.028*** (0.009)	0.023*** (0.007)		0.021** (0.010)	0.019** (0.010)	0.018* (0.010)
Disability: Speech		0.039*** (0.010)	0.037*** (0.010)	0.031 (0.024)		-0.009 (0.006)	-0.008 (0.006)	-0.009 (0.006)
Disability: Blindness		0.142*** (0.026)	0.140*** (0.026)	0.126*** (0.041)		0.065* (0.037)	0.059* (0.036)	0.054 (0.035)
Disability: Mental Health		0.173*** (0.014)	0.160*** (0.013)	0.159*** (0.037)		0.190*** (0.022)	0.151*** (0.022)	0.149*** (0.025)
Disability: Development		0.082*** (0.025)	0.080*** (0.025)	0.073*** (0.028)		0.070*** (0.023)	0.056** (0.022)	0.054** (0.023)
Disability: Hyperactivity		0.105*** (0.009)	0.102*** (0.009)	0.096*** (0.009)		0.066*** (0.010)	0.053*** (0.010)	0.050*** (0.010)
Disability: Other		-0.028* (0.015)	-0.029** (0.015)	0.002 (0.030)		0.075*** (0.023)	0.060*** (0.023)	0.057** (0.024)
Call for Service			0.095*** (0.004)	0.091*** (0.015)			0.167*** (0.004)	0.166*** (0.018)
Los Angeles County Sheriff				0.006 (0.019)				
Riverside County Sheriff				0.050 (0.048)				
San Bernardino County Sheriff				0.196*** (0.043)				
San Diego County Sheriff				-0.173*** (0.052)				
San Diego PD				-0.143*** (0.049)				
San Francisco PD				-0.067 (0.043)				
Fresno PD				0.892*** (0.065)				
Long Beach PD				-0.033* (0.018)				
Oakland PD				0.145** (0.060)				
Orange County Sheriff				0.063 (0.042)				

VARIABLES	Traffic – Local Law Enforcement				Traffic – CHP			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
	Search	Search	Search	Search	Search	Search	Search	Search
Sacramento County Sheriff				0.292*** (0.045)				
Sacramento PD				0.326*** (0.045)				
San Jose PD				0.575*** (0.024)				
Constant	0.061*** (0.000)	0.113*** (0.007)	0.111*** (0.007)	0.051*** (0.015)	0.012*** (0.000)	0.022*** (0.007)	0.011 (0.007)	0.010 (0.007)
Observations	1,233,346	1,233,346	1,233,346	1,233,346	2,161,046	2,161,046	2,161,046	2,161,046
R-squared	0.029	0.060	0.061	0.048	0.001	0.004	0.014	0.014
Number of City				518				531
Robust standard errors in parentheses								
*** p<0.01, ** p<0.05, * p<0.1								

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); and LAPD (local law enforcement agency).

TABLE B18

Yield rates, relative to those of omitted categories, resulting from traffic stops by local law enforcement

VARIABLES	Traffic – Local Law Enforcement				
	(1) Yield	(2) Yield	(3) Yield	(4) Yield	(5) Yield
Black	-0.060*** (0.004)	-0.059*** (0.004)	-0.058*** (0.004)	-0.070*** (0.003)	-0.054*** (0.005)
Latino	-0.060*** (0.003)	-0.057*** (0.004)	-0.057*** (0.004)	-0.054*** (0.003)	-0.038*** (0.005)
Asian	-0.006 (0.010)	-0.004 (0.010)	-0.004 (0.010)	-0.009 (0.009)	-0.028*** (0.007)
Middle Eastern/South Asian	-0.032*** (0.011)	-0.027** (0.011)	-0.027** (0.011)	-0.038*** (0.011)	-0.032*** (0.011)
Native American	-0.008 (0.037)	-0.009 (0.037)	-0.009 (0.037)	-0.017 (0.035)	-0.020 (0.030)
Pacific Islander	-0.017 (0.020)	-0.014 (0.020)	-0.014 (0.020)	-0.008 (0.018)	-0.027 (0.021)
Multi Race/Ethnicity	-0.026** (0.011)	-0.023** (0.011)	-0.023** (0.011)	-0.035*** (0.010)	-0.034** (0.015)
Female		0.021*** (0.004)	0.021*** (0.004)	0.006* (0.003)	-0.002 (0.004)
Transgender Man		-0.062** (0.027)	-0.062** (0.027)	-0.021 (0.026)	0.015 (0.020)
Transgender Woman		-0.018 (0.044)	-0.018 (0.044)	-0.002 (0.041)	0.022 (0.036)
Gender Nonconforming		-0.025 (0.030)	-0.025 (0.030)	-0.002 (0.028)	-0.030 (0.034)
LGBT		0.025 (0.016)	0.024 (0.016)	0.010 (0.015)	-0.008 (0.016)
Ages 15-17		0.021 (0.025)	0.021 (0.025)	0.014 (0.023)	0.007 (0.022)
Ages 18-24		0.010 (0.024)	0.010 (0.024)	-0.003 (0.022)	-0.009 (0.019)
Ages 25-34		-0.012 (0.024)	-0.012 (0.024)	0.001 (0.022)	-0.006 (0.018)
Ages 35-44		-0.007 (0.024)	-0.007 (0.024)	0.015 (0.022)	0.006 (0.018)
Ages 45-54		0.001 (0.024)	0.001 (0.024)	0.025 (0.022)	0.014 (0.018)
Ages 55-64		0.013 (0.024)	0.012 (0.024)	0.028 (0.023)	0.018 (0.018)
Ages 65+		-0.023 (0.028)	-0.024 (0.028)	-0.012 (0.026)	-0.018 (0.019)
Limited English Proficiency		-0.025*** (0.005)	-0.025*** (0.005)	-0.026*** (0.005)	-0.024*** (0.004)
Disability: Deafness		-0.002 (0.031)	-0.002 (0.031)	0.014 (0.028)	0.027 (0.026)
Disability: Speech		-0.008 (0.032)	-0.009 (0.032)	-0.014 (0.030)	-0.056** (0.027)

VARIABLES	Traffic – Local Law Enforcement				
	(1) Yield	(2) Yield	(3) Yield	(4) Yield	(5) Yield
Disability: Blindness		-0.022 (0.048)	-0.022 (0.048)	-0.020 (0.046)	-0.026 (0.038)
Disability: Mental Health		-0.049** (0.021)	-0.052** (0.021)	-0.047** (0.021)	-0.052* (0.027)
Disability: Development		-0.140*** (0.036)	-0.141*** (0.036)	-0.084** (0.035)	-0.111*** (0.019)
Disability: Hyperactivity		0.013 (0.021)	0.012 (0.021)	0.007 (0.021)	0.010 (0.021)
Disability: Other		0.009 (0.049)	0.009 (0.049)	0.040 (0.048)	0.040 (0.049)
Call for Service			0.012 (0.008)	-0.018** (0.008)	-0.030** (0.013)
Basis for Search: Officer Safety				-0.006** (0.003)	-0.005 (0.005)
BfS: Search Warrant				0.197*** (0.036)	0.188*** (0.041)
BfS: Parole/Probation				0.026*** (0.002)	0.014 (0.009)
BfS: Suspect Weapon				0.096*** (0.005)	0.105*** (0.011)
BfS: Visible Contraband				0.607*** (0.007)	0.600*** (0.016)
BfS: Odor of Contraband				0.427*** (0.005)	0.420*** (0.019)
BfS: Canine Detect				0.469*** (0.034)	0.445*** (0.048)
BfS: Evidence				0.437*** (0.009)	0.420*** (0.059)
BfS: Incident				0.195*** (0.004)	0.189*** (0.015)
BfS: Exigent Circumstances				0.191*** (0.029)	0.194*** (0.039)
BfS: Vehicle Inventory				0.151*** (0.005)	0.143*** (0.018)
BfS: School Policy				0.919*** (0.007)	0.920*** (0.015)
Los Angeles County Sheriff					0.035 (0.043)
Riverside County Sheriff					0.118 (0.174)
San Bernardino County Sheriff					0.141 (0.153)
San Diego County Sheriff					0.170 (0.186)
San Diego PD					0.236 (0.189)

VARIABLES	Traffic – Local Law Enforcement				
	(1)	(2)	(3)	(4)	(5)
	Yield	Yield	Yield	Yield	Yield
Fresno PD					-0.391*** (0.041)
Long Beach PD					-0.130* (0.071)
Orange County Sheriff					0.084 (0.191)
Sacramento County Sheriff					-0.098*** (0.002)
Constant	0.251*** (0.003)	0.251*** (0.024)	0.251*** (0.024)	0.137*** (0.022)	0.117*** (0.033)
Observations	140,806	140,806	140,806	140,796	140,796
R-squared	0.003	0.004	0.004	0.159	0.155
Number of City					384
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); consent given (basis for search); and LAPD (local law enforcement agency).

TABLE B19

Yield rates, relative to those of omitted categories, resulting from traffic stops by CHP

VARIABLES	Traffic – CHP				
	(1) Yield	(2) Yield	(3) Yield	(4) Yield	(5) Yield
Black	-0.010 (0.007)	-0.012* (0.007)	-0.013** (0.007)	-0.018*** (0.006)	-0.006 (0.007)
Latino	-0.037*** (0.004)	-0.041*** (0.004)	-0.042*** (0.004)	-0.028*** (0.004)	-0.015*** (0.004)
Asian	-0.054*** (0.009)	-0.056*** (0.009)	-0.057*** (0.009)	-0.043*** (0.007)	-0.030*** (0.008)
Middle Eastern/South Asian	-0.040*** (0.011)	-0.044*** (0.011)	-0.045*** (0.011)	-0.041*** (0.009)	-0.021*** (0.008)
Native American	0.013 (0.028)	0.012 (0.028)	0.013 (0.028)	0.022 (0.026)	0.005 (0.029)
Pacific Islander	-0.025 (0.022)	-0.025 (0.022)	-0.026 (0.022)	-0.002 (0.020)	0.010 (0.020)
Multi Race/Ethnicity	0.023 (0.022)	0.026 (0.023)	0.027 (0.023)	0.004 (0.019)	0.007 (0.022)
Female		-0.026*** (0.004)	-0.026*** (0.004)	-0.019*** (0.004)	-0.019*** (0.004)
Transgender Man		-0.051 (0.092)	-0.052 (0.092)	-0.026 (0.070)	0.015 (0.088)
Transgender Woman		-0.144*** (0.027)	-0.148*** (0.027)	-0.096*** (0.023)	-0.092* (0.051)
LGBT		-0.022 (0.015)	-0.021 (0.015)	-0.004 (0.014)	0.002 (0.014)
Ages 15-17		0.153 (0.096)	0.155 (0.096)	0.127 (0.120)	0.108 (0.107)
Ages 18-24		0.020 (0.092)	0.022 (0.092)	0.057 (0.117)	0.045 (0.109)
Ages 25-34		0.014 (0.092)	0.016 (0.092)	0.062 (0.117)	0.050 (0.108)
Ages 35-44		0.024 (0.092)	0.026 (0.092)	0.073 (0.117)	0.060 (0.108)
Ages 45-54		0.013 (0.092)	0.015 (0.092)	0.064 (0.117)	0.050 (0.109)
Ages 55-64		0.004 (0.092)	0.006 (0.092)	0.056 (0.117)	0.040 (0.109)
Ages 65+		-0.039 (0.092)	-0.036 (0.092)	0.024 (0.118)	0.003 (0.109)
Limited English Proficiency		-0.011* (0.006)	-0.010 (0.006)	-0.010* (0.006)	-0.014** (0.006)

VARIABLES	Traffic – CHP				
	(1) Yield	(2) Yield	(3) Yield	(4) Yield	(5) Yield
Disability: Deafness		-0.033 (0.075)	-0.032 (0.074)	-0.022 (0.064)	-0.030 (0.060)
Disability: Speech		-0.134*** (0.006)	-0.136*** (0.006)	-0.093*** (0.006)	-0.106*** (0.006)
Disability: Blindness		0.164 (0.218)	0.168 (0.223)	0.194 (0.218)	0.191 (0.225)
Disability: Mental Health		-0.039 (0.031)	-0.032 (0.031)	-0.016 (0.026)	-0.018 (0.022)
Disability: Development		-0.014 (0.072)	-0.010 (0.073)	-0.008 (0.077)	-0.015 (0.079)
Disability: Hyperactivity		-0.011 (0.040)	-0.008 (0.040)	-0.017 (0.033)	-0.028 (0.036)
Disability: Other		0.050 (0.095)	0.053 (0.094)	-0.018 (0.067)	-0.008 (0.062)
Call for Service			-0.024*** (0.006)	-0.002 (0.006)	-0.010 (0.007)
Basis for Search: Officer Safety				-0.056** (0.025)	-0.058** (0.029)
BfS: Search Warrant				-0.068 (0.058)	-0.034 (0.058)
BfS: Parole/Probation				-0.010 (0.049)	-0.009 (0.048)
BfS: Suspect Weapon				0.174*** (0.042)	0.169*** (0.046)
BfS: Visible Contraband				0.698*** (0.039)	0.690*** (0.039)
BfS: Odor of Contraband				0.671*** (0.032)	0.645*** (0.035)
BfS: Canine Detect				0.440*** (0.040)	0.439*** (0.045)
BfS: Evidence				0.687*** (0.031)	0.676*** (0.036)
BfS: Incident				-0.051** (0.024)	-0.039 (0.029)
BfS: Exigent Circumstances				0.220*** (0.068)	0.226*** (0.077)
BfS: Vehicle Inventory				0.130*** (0.027)	0.134*** (0.032)
Constant	0.128*** (0.003)	0.121 (0.092)	0.121 (0.092)	0.080 (0.120)	0.074 (0.111)

VARIABLES	Traffic – CHP				
	(1)	(2)	(3)	(4)	(5)
	Yield	Yield	Yield	Yield	Yield
Observations	30,666	30,666	30,666	30,666	30,666
R-squared	0.004	0.007	0.008	0.210	0.190
Number of City					445
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); consent given (basis for search).

TABLE B20

Booking rates, relative to those of omitted categories, resulting from traffic stops by local law enforcement

VARIABLES	Traffic – Local Law Enforcement				
	(21)	(22)	(23)	(24)	(25)
	Booking	Booking	Booking	Booking	Booking
Black	0.010*** (0.000)	0.008*** (0.000)	0.008*** (0.000)	0.001** (0.000)	0.002* (0.001)
Latino	0.011*** (0.000)	0.007*** (0.000)	0.007*** (0.000)	0.005*** (0.000)	0.004*** (0.001)
Asian	-0.015*** (0.000)	-0.015*** (0.000)	-0.015*** (0.000)	-0.012*** (0.000)	-0.011*** (0.001)
Middle Eastern/South Asian	-0.016*** (0.000)	-0.019*** (0.000)	-0.019*** (0.000)	-0.014*** (0.000)	-0.012*** (0.001)
Native American	0.006 (0.004)	0.007 (0.006)	0.008 (0.006)	0.007 (0.005)	0.006 (0.006)
Pacific Islander	0.004* (0.002)	0.002 (0.002)	0.002 (0.002)	0.001 (0.002)	0.001 (0.002)
Multi Race/Ethnicity	0.010*** (0.002)	0.007*** (0.002)	0.007*** (0.002)	0.003** (0.001)	0.000 (0.002)
Female		-0.018*** (0.000)	-0.018*** (0.000)	-0.011*** (0.000)	-0.011*** (0.001)
Transgender Man		-0.015*** (0.006)	-0.015*** (0.006)	-0.014*** (0.005)	-0.007 (0.005)
Transgender Woman		0.002 (0.009)	0.002 (0.009)	-0.001 (0.009)	0.004 (0.008)
Gender Nonconforming		0.004 (0.007)	0.003 (0.007)	0.003 (0.007)	0.002 (0.014)
LGBT		0.013*** (0.002)	0.013*** (0.002)	0.012*** (0.002)	0.010*** (0.004)
Ages 15-17		0.005 (0.004)	0.005 (0.004)	-0.005 (0.004)	-0.003 (0.004)
Ages 18-24		-0.002 (0.003)	-0.000 (0.003)	-0.003 (0.003)	-0.002 (0.003)
Ages 25-34		0.008** (0.003)	0.010*** (0.003)	0.009*** (0.003)	0.010*** (0.004)
Ages 35-44		0.008** (0.003)	0.009*** (0.003)	0.010*** (0.003)	0.011*** (0.003)
Ages 45-54		0.002 (0.003)	0.003 (0.003)	0.006* (0.003)	0.007** (0.003)
Ages 55-64		-0.004 (0.003)	-0.003 (0.003)	0.002 (0.003)	0.003 (0.003)
Ages 65+		-0.014*** (0.003)	-0.012*** (0.003)	-0.006* (0.003)	-0.004 (0.003)
Limited English Proficiency		0.013*** (0.001)	0.011*** (0.001)	0.012*** (0.001)	0.016*** (0.003)

Traffic – Local Law Enforcement					
VARIABLES	(21) Booking	(22) Booking	(23) Booking	(24) Booking	(25) Booking
Disability: Deafness		0.003 (0.005)	0.002 (0.005)	-0.002 (0.005)	-0.002 (0.008)
Disability: Speech		0.015** (0.006)	0.013** (0.006)	0.011* (0.006)	0.009 (0.006)
Disability: Blindness		0.086*** (0.020)	0.082*** (0.020)	0.074*** (0.019)	0.071*** (0.016)
Disability: Mental Health		0.097*** (0.010)	0.078*** (0.010)	0.070*** (0.010)	0.071*** (0.023)
Disability: Development		-0.001 (0.011)	-0.004 (0.011)	-0.003 (0.010)	-0.005 (0.009)
Disability: Other		0.050*** (0.006)	0.045*** (0.006)	0.035*** (0.006)	0.036*** (0.008)
Disability: Multiple		-0.018** (0.009)	-0.019** (0.009)	-0.015* (0.008)	-0.008 (0.012)
Call for Service			0.138*** (0.004)	0.127*** (0.003)	0.127*** (0.010)
Unconditional Hit Rate: Weapon				0.377*** (0.007)	0.375*** (0.019)
Unconditional Hit Rate: Property				0.404*** (0.010)	0.405*** (0.049)
Unconditional Hit Rate: Drug				0.299*** (0.003)	0.292*** (0.057)
Unconditional Hit Rate: Other				0.138*** (0.005)	0.140*** (0.039)
Los Angeles County Sheriff					0.066** (0.026)
Riverside County Sheriff					0.052 (0.032)
San Bernardino County Sheriff					0.066** (0.033)
San Diego County Sheriff					0.068** (0.031)
San Diego PD					0.077** (0.031)
San Francisco PD					-0.014 (0.012)
Fresno PD					0.919*** (0.027)
Long Beach PD					0.018 (0.023)
Oakland PD					0.019 (0.023)

Traffic – Local Law Enforcement					
VARIABLES	(21) Booking	(22) Booking	(23) Booking	(24) Booking	(25) Booking
Orange County Sheriff					0.052* (0.030)
Sacramento County Sheriff					0.083** (0.033)
Sacramento PD					0.064* (0.034)
San Jose PD					0.160*** (0.049)
Constant	0.025*** (0.000)	0.028*** (0.003)	0.025*** (0.003)	0.015*** (0.003)	-0.048*** (0.014)
Observations	1,233,346	1,233,346	1,233,346	1,233,346	1,233,346
R-squared	0.002	0.007	0.013	0.137	0.135
Number of City					518
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.
NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability); and LAPD (local law enforcement agency).

TABLE B21

Booking rates, relative to those of omitted categories, resulting from traffic stops by CHP

VARIABLES	Traffic – CHP Only				
	(21)	(22)	(23)	(24)	(25)
	Booking	Booking	Booking	Booking	Booking
Black	0.009***	0.007***	0.007***	0.007***	0.005***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
Latino	0.014***	0.009***	0.010***	0.010***	0.010***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
Asian	-0.007***	-0.010***	-0.009***	-0.008***	-0.008***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
Middle Eastern/South Asian	-0.013***	-0.017***	-0.017***	-0.015***	-0.014***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)
Native American	0.048***	0.048***	0.047***	0.044***	0.045***
	(0.004)	(0.004)	(0.004)	(0.004)	(0.005)
Pacific Islander	0.010***	0.008***	0.009***	0.009***	0.008***
	(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
Multi Race/Ethnicity	0.005***	0.000	0.000	-0.000	0.001
	(0.001)	(0.001)	(0.001)	(0.001)	(0.002)
Female		-0.010***	-0.010***	-0.009***	-0.010***
		(0.000)	(0.000)	(0.000)	(0.001)
Transgender Man		0.035	0.037	0.039	0.042**
		(0.024)	(0.024)	(0.024)	(0.016)
Transgender Woman		0.189**	0.193**	0.197**	0.194***
		(0.090)	(0.090)	(0.090)	(0.062)
LGBT		0.057***	0.055***	0.053***	0.052***
		(0.003)	(0.003)	(0.003)	(0.007)
Ages 15-17		-0.040***	-0.024**	-0.027**	-0.027
		(0.012)	(0.012)	(0.012)	(0.020)
Ages 18-24		-0.030***	-0.013	-0.014	-0.014
		(0.011)	(0.012)	(0.012)	(0.020)
Ages 25-34		-0.029**	-0.011	-0.012	-0.011
		(0.011)	(0.012)	(0.012)	(0.020)
Ages 35-44		-0.040***	-0.022*	-0.023*	-0.021
		(0.011)	(0.012)	(0.012)	(0.020)
Ages 45-54		-0.047***	-0.030**	-0.030**	-0.027
		(0.011)	(0.012)	(0.012)	(0.020)
Ages 55-64		-0.049***	-0.032***	-0.032***	-0.028
		(0.011)	(0.012)	(0.012)	(0.020)
Ages 65+		-0.054***	-0.036***	-0.036***	-0.032
		(0.011)	(0.012)	(0.012)	(0.020)

VARIABLES	Traffic – CHP Only				
	(21) Booking	(22) Booking	(23) Booking	(24) Booking	(25) Booking
Limited English Proficiency		0.020*** (0.001)	0.018*** (0.001)	0.017*** (0.001)	0.020*** (0.005)
Disability: Deafness		0.025** (0.012)	0.021* (0.012)	0.022* (0.012)	0.020* (0.011)
Disability: Speech		-0.018** (0.009)	-0.017* (0.009)	-0.027** (0.011)	-0.027** (0.013)
Disability: Blindness		0.110** (0.047)	0.100** (0.046)	0.087* (0.046)	0.084 (0.052)
Disability: Mental Health		0.154*** (0.021)	0.087*** (0.022)	0.074*** (0.022)	0.068** (0.028)
Disability: Development		0.047** (0.022)	0.022 (0.022)	0.019 (0.021)	0.017 (0.020)
Disability: Other		0.106*** (0.012)	0.084*** (0.012)	0.069*** (0.012)	0.065*** (0.013)
Disability: Multiple		0.066*** (0.023)	0.040* (0.025)	0.034 (0.025)	0.030 (0.029)
Call for Service			0.290*** (0.004)	0.278*** (0.004)	0.277*** (0.024)
Unconditional Hit Rate: Weapon				0.418*** (0.019)	0.415*** (0.021)
Unconditional Hit Rate: Property				0.311*** (0.026)	0.310*** (0.030)
Unconditional Hit Rate: Drug				0.535*** (0.008)	0.531*** (0.015)
Unconditional Hit Rate: Other				0.445*** (0.015)	0.442*** (0.028)
Constant	0.025*** (0.000)	0.067*** (0.011)	0.048*** (0.012)	0.047*** (0.012)	0.045** (0.020)
Observations	2,161,046	2,161,046	2,161,046	2,161,046	2,161,046
R-squared	0.003	0.007	0.021	0.051	0.051
Number of City					531
Robust standard errors in parentheses					
*** p<0.01, ** p<0.05, * p<0.1					

SOURCE: Author regression results using California Department of Justice, Racial and Identity Profiling Act (RIPA) Wave 2 data, 2019.

NOTES: Omitted dummy variables (in each category) are: white (race/ethnicity); male (gender); 1-14 (age group); none (disability).



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