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Statistical Appendix for *Misdemeanorland*

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Cohort Data

The individual-level data used throughout this book come from the New York State Department of Criminal Justice Services (DCJS), the state agency responsible for collecting and maintaining data from local courts and law enforcement agencies and generating criminal histories (i.e. rap sheets).[1] I requested data on two different groups of people over a thirty-year period in year-pairs: 1980–81, 1985–86, 1990–91, 1995–96, 2000–2001, 2005–6, and 2010–11. The selection criteria were designed to identify new entrants to the misdemeanor justice system whom I could reliably track over time.

New York state laws covering the maintenance and sealing of criminal records make it impossible to reliably track *all* individuals entering the misdemeanor justice system. Every person arrested for a fingerprintable offense is issued what is called a New York State Identification (NYSID) by DCJS which is linked to the arrestee's fingerprints. The NYSID is used to link prior and subsequent arrest events in the state's criminal justice records database. State law mandates sealing or destroying all records, including fingerprint records, from arrests that terminate in a disposition "in favor of the accused" (e.g., dismissal, decline to prosecute, adjournment in contemplation of dismissal, acquittal) or in most instances of a noncriminal conviction if the person does not have a prior criminal conviction.[2] This means that if a person *without* a prior criminal conviction is arrested and the arrest terminates in a disposition "in favor of the accused" or a noncriminal conviction, then the state agency DCJS must issue a *new* NYSID if that person is arrested later for another fingerprintable crime.[3] One can only reliably track the later criminal justice encounters of an individual after she experiences a disposition from an arrest that allows the DCJS to maintain a stable NYSID—the number that links arrest events to a unique person.

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[1] Data were provided by the DCJS to the author in the form of micro-level arrest incidents and de-identified individual ID numbers. The analysis, opinions, findings, and conclusions expressed herein are those of the author alone and not those of the DCJS. Neither New York State nor the DCJS assumes liability for its contents or use thereof.

[2] N.Y. CPL § 160.50; 160.55. The statute directing DCJS to destroy fingerprint cards for persons without prior criminal convictions whose arrest terminates in a noncriminal conviction has a number of exceptions and under both statutes the prosecutor or judge can make a motion to deny sealing.

[3] There are of course exceptions and reasons when a new arrest would not trigger issuance of a new NYSID, including administrative error or if a new arrest happens before the sealing order has taken effect such that the new arrest is recorded under the old NYSID.

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As discussed in the Introduction, there are two major disposition types that allow me to identify coherent subsets of traceable groups entering misdemeanorland and leaving on two divergent paths: conviction and dismissal. DCJS is required to maintain a stable NYSID for a person once he has been convicted of a criminal offense (not a violation or infraction). There is also one type of dismissal that allows DCJS to maintain a stable NYSID. State law contains an exception to the general rule that dispositions "in favor of the accused" require DCJS to destroy fingerprints (if not already on file from a prior conviction) because the law authorizing conditional dismissals for marijuana offenses only allows for a single such dismissal in a person's lifetime.[4]

The *MJACD group* therefore tracks the population of misdemeanor arrestees without prior criminal convictions arrested in any of my seven cohort year-pairs whose cases terminated in that special form of conditional dismissal for marijuana arrests—called "marijuana adjournment in contemplation of dismissal" or MJACD. The *misdemeanor conviction group* tracks the population of misdemeanor arrestees in those same seven cohort year-pairs without prior criminal convictions at the time of the misdemeanor arrest whose cases terminated in a first-time conviction for a misdemeanor criminal offense.

The individual-level data is administrative data supplied by the state agency DCJS that collects information from the courts about arrest charge, disposition, and sentence. Because I selected groups that have stable NYSIDs after the initiating event, I was able to construct a measure of actual arrests and dispositions (occurring in New York State) occurring after the initiating disposition including dismissals, acquittals, declines to prosecute, and other cases that would otherwise be sealed in criminal justice records. The data also have limited information about defendants, such as ethnicity, race, sex, and age. These administrative data contain no information about the legal characteristics of the case, such as the strength of the evidence or circumstances of the arrest, which as discussed in Chapter 2 is a limitation on any analysis that seeks to draw conclusions about otherwise similarly situated cases or defendants. Counts of criminal convictions include only convictions for New York Penal Law, fingerprintable misdemeanor or felony offenses, not convictions for noncriminal violations or infractions. The definition of *violent felony offense* (VFO) tracks that used by DCJS as defined in sections 70.02 and 70.04 of the New York Penal Law, which set forth the offenses defined as VFOs for purposes of sentencing and statutorily required record keeping by the DCJS. The variable used here tracks that statutory definition and also adds what the DCJS codes as "VFO-like class A-1 offenses not in VFO."

[4] For the MJACD cohort, the initial arrest charge could have been for any section of the New York Penal Law, but to qualify for a MJACD, marijuana charges must be the sole remaining charges on the docket at the time of disposition. N.Y. CPL § 170.56; 150.60. Although the arrest and disposition will be sealed off the rap sheet and not publically visible after the adjournment period, DCJS can keep the person's fingerprints linked to their name, other identifying information, and the unique criminal records number upon issuance of the first MJACD so that the agency can verify that the person has received his or her single MJACD if arrested at a later time.

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Both cohorts are limited to people who had no prior misdemeanor or felony convictions (New York State does not provide data on out-of-state arrests), although some likely had prior arrests.[5] For the MJACD cohort, the initial arrest charge could have been for any section of the New York Penal Law, but to qualify for a MJACD, marijuana charges must be the sole remaining charges on the docket at the time of disposition.[6] For both groups the top arrests charge was a misdemeanor offense. If a person had more than one MJACD (which happens despite the statutory bar), the date of first arrest was selected as the initiating disposition, after which all arrests and convictions were counted. If an arrest incident lacked an arrest charge or disposition data, it was excluded. The latest arrest incidents reported in the data were from January 2015 so to make the amount of time "at risk" comparable between cohorts some of the figures report outcomes only within three or five years of the arrest leading to the cohort-initiating event.

Tables 1 and 2 display a selection of summary statistics on the seven cohorts of these two groups, including the number of people in each cohort, age at time of the arrests that lead to the initiating disposition, recorded gender, and recorded race or ethnicity. A few trends emerge from looking at these tables. First, the MJACD group shows a sharp increase in the total cohort size over the Broken Windows era whereas the first-time misdemeanor conviction group does not. The reason for this is explored in the book; the primary explanation is that over this era many more people without prior convictions were arrested but the probability of criminal conviction for people without a criminal record fell dramatically. This makes the experiences of the MJACD cohorts all the more important to study because they represent the experiences of people that are otherwise very hard to trace but are more and more common in New York City, namely arrest without conviction. Second, the age profile of both groups changed over the cohorts such that there was a significant increase in the proportion of older people experiencing their first MJACD and first-time misdemeanor conviction from misdemeanor arrests. The racial and ethnic composition of the MJACD and first-time misdemeanor conviction cohorts has also changed over the Broken Windows decades. The most notable shifts are that the proportion of both the MJACD and first-time misdemeanor conviction groups that are reported as Black has decreased in later cohort years and the proportion reported as Hispanic, Asian-Indian, and "Other" has increased in more recent cohort years. Nonetheless, Black and Hispanic individuals are still overrepresented in both groups in every cohort year relative to city population composition.

A note on the representativeness of these two groups is in order. The misdemeanor conviction group represents the entire population of persons convicted for the first time of a

[5] An arrest that occurred *prior* to what I call the initiating disposition—the one that authorizes DCJS to maintain fingerprints and a stable NYSID—can be linked up to the stable NYSID if the disposition occurred after or concurrent to the arrest precipitating the initiating disposition.

[6] N.Y. CRIM. PROC. LAW §170.56 (McKinney 2013). Over 97% of the MJACD cohort had a marijuana misdemeanor as the top charge of their arrest. The remainder had a marijuana offense as one of their arrest counts, even if it was not the top charge, but in order to be eligible for a MJACD only marijuana charges can remain by the time of the disposition.

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misdemeanor offense from a misdemeanor arrest in New York City over the seven pairs of years. The MJACD group, however, is a subset of persons arrested for a misdemeanor offense whose cases terminated in dismissal over the seven pairs of years because the MJACD it is the only coherent subset of dismissals that I can reliably track overtime.

To what extent are the people without prior criminal convictions whose misdemeanor arrests terminate in a MJACD in these cohort year-pairs representative of the population of people without prior criminal convictions whose misdemeanors terminate in other forms of dismissal those same years? It is impossible to know for sure given the data available under state law, and it depends on what one means by "representative." I suspect that the MJACD group is most likely demographically similar to people without prior convictions that are arrested for the type of misdemeanor offenses for which the standard offer in the local prosecutor's office was some kind of conditional dismissal.[7] The aggregate statistics and the qualitative evidence in Part II of the book show that the majority of new entrants to misdemeanorland over the past two decades are for offenses where the standard offer at arraignments is some form of conditional dismissal.

Whether or not the MJACD group is representative of all misdemeanor arrestees without prior criminal convictions whose cases terminate in a dismissal, it is a sizable group whose experiences can provide insight into patterns and changes in misdemeanorland. The largest arrest category in the city over the past fifteen years was marijuana possession, making that arrest offense probably the most common initiation into misdemeanorland during the Broken Windows era. Marijuana arrests were also highly concentrated in the same spaces that other types of police activity were concentrated such as stop, question, and frisk (SQF) stops and summonses, so people at risk of misdemeanor arrest generally had a high risk of arrest for marijuana.[8] The trajectories of the MJACD group verify that these people were not uniquely at risk of marijuana arrests. Of the 111,625 people in all seven of the MJACD cohorts between 1980 and 2010 about 68,331 people (61%) experienced one or more later arrests after the initial MJACD that brought them into my sample. Of those 68,331 individuals, only 9,587 were arrested *only* for marijuana offenses, which is about 14% of those with one or more later arrests and less than 9% of the entire group. Therefore, because only a fraction of these cohorts seemed to only be arrested for marijuana crimes, it is likely that their experiences give insight into shallow-end misdemeanor experiences even after the NYPD has sharply reduced marijuana arrests.

Nonetheless, it is impossible to know from New York state administrative data the average trajectories of the people arrested for misdemeanor offenses without prior convictions whose cases terminate in a dismissal to compare with the trajectories of the MJACD group. But,

[7] The standard prosecutorial policy in most boroughs was to offer an MJACD on most first-time marijuana arrests and, even if the DA did not offer an MJACD, the law authorizes a judge to offer a MJACD without prosecutorial consent to a person arrested for a marijuana offense without prior criminal convictions.

[8] Geller and Fagan, "Pot as Pretext"; Jeffrey Fagan et al., "Street Stops and Broken Windows Revisited: The Demography and Logic of Proactive Policing in a Safe and Changing City," in *Race, Ethnicity, and Policing: New and Essential Readings*, ed. Stephen Rice and Michael White (NYU Press, 2010), 309–48.

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because the NYPD made so many arrests for marijuana in the Broken Windows era, following this specific dismissal group provides the best available option with current administrative data to trace the experiences of those entering misdemeanorland without prior convictions whose arrests terminate in a dismissal.

Model Specification

The estimated probabilities of on-par conviction from a misdemeanor or felony arrest presented in Chapter 2 are based on a series of multinomial logistic regression models.[9] Multinomial logistic regressions are used to model multiple discrete outcomes, such as dismissal, violation conviction, misdemeanor conviction, and felony conviction. In this case I specified two separate models for misdemeanor and felony arrests because it is (usually) impossible for a misdemeanor arrest to terminate in a felony conviction and because I wanted the functional form to be able to vary between these two types of arrests. These models pool data of all the arrest events for both groups and cohorts; the arrest event (as opposed to the individual) is the unit of analysis. Because the pooled data of arrest events contain a number of instances where there are multiple observations of the same individual, and those may not be independent of one another, I report robust standard errors that reflect clustering by individual. The misdemeanor arrest models are restricted to the set of arrest events where the top charge at arrest was a misdemeanor crime; the felony arrest models are restricted to the set of arrest events where the top charge at arrest was a felony crime. The outcome variable for the misdemeanor arrest models was dismissal, violation conviction, misdemeanor conviction; the outcome variable for the felony arrest models was dismissal, violation conviction, misdemeanor conviction, and felony conviction. The models presented in Chapter two also subset the data by year of disposition. The date-of-disposition subset is meant to capture different disposition practices pre- and post- Broken Windows era, which is operationalized as 1980-1990 vs. 2000-2010.

The analysis pools all of the arrest events that both the MJACD and first-time misdemeanor conviction groups experienced. I exploit the fact that, as the people in the MJACD and the first-time misdemeanor conviction cohorts moved through misdemeanorland and felonyland at different historical times, they acquired different criminal records.[10] As stated in

[9] An ordered logistic model did not seem like a good fit for this data because it assumes that the relationship of predictor variables to the odds of the disposition outcome being in the next higher order category is the same regardless of which category compared. There are strong reasons to assume that, for example, the number of prior felony convictions have a different relationship to the odds of dismissal vs. misdemeanor conviction as opposed to the odds of misdemeanor vs. felony conviction in felony arrest models.

[10] For example, some people in the MJACD cohorts were arrested for misdemeanor offenses once or more while they still had zero convictions on their records, some people eventually were convicted of a crime and then were arrested again for a misdemeanor crime, some ended up with multiple convictions. The same is true for the first-time misdemeanor conviction cohorts, except that most of their later arrests happened when they had at least one prior conviction, except in cases where prior arrests were linked to the initiating disposition because they were open at the time of that arrest.

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Chapter 2, there is substantial variation in the arrest number within each prior conviction category allowing for reliable inferences across much of the arrest number-prior conviction space. For example, Table 3 tabulates the arrest number for observations where the number of prior misdemeanor and felony convictions are zero and one, showing that there are a substantial number of observations where the arrestee has a high numbers of arrests and a low number of convictions.

I use all relevant other information available in the administrative dataset about the defendants and arrests to "control for" measured difference. The demographic variables include sex and a series of dummy variables for mutually exclusive categories of race or ethnicity. The variable "prior felony conviction" is the number of prior felony convictions that the individual had at the time of disposition for the current observation. The variable "prior misdemeanor conviction" is the number of misdemeanor criminal convictions the individual had at the time of disposition for the current observation. The variable "arrest number" is the ordinal arrest number that the current arrest event represents for that individual. To allow for nonlinear effects over the number of arrests, it is included as a dummy variable for arrest numbers one through ten; ten or more is a residual category. The variable of "arrest category type" represents the top charge at the time of arrest; the omitted category includes weapon, kidnapping, arson, and sex offenses.

Model Results

I estimate multinomial logistic regressions separately for felony and misdemeanor arrests where the baseline outcome category in both models is dismissal; thus, the regression coefficients for the other dispositions are relative to dismissal. Appendix Table 4 displays the estimated coefficients from four multinomial logistic models of (1) misdemeanor conviction from misdemeanor arrest and (2) felony conviction from felony arrest over two time periods (A) pre-1991 and (B) post-2000.

Naïve comparison of coefficients between logit models estimated for different groups can be misleading because the residual variation between groups can vary.[11] In this analysis there are two different groups (in this case, the same group of people but different types of arrests events, felony and misdemeanor), two different independent variables of interest (number of prior misdemeanor convictions and number of prior felony convictions), and two different date-limited models of interest (the period before Broken Windows policing was institutionalized and the period after it was well established). The comparison of interest is the respective magnitudes of the coefficients on same-type prior arrests, which represent the likelihood of on-par conviction for each arrest type and how those relationships varied over time.[12] Therefore, although I report

[11]. *Id.*; Richard Williams, *Fitting Heterogeneous Choice Models with oglm*, 10 STATA JOURNAL, 540 (2010).

[12]. The standard dilemma is comparing the effect of the same independent variable on the same binary outcome estimated separately for two groups, as in the example used by Allison and Williams, where they explore the differential effect of the number of articles published on the likelihood of being granted tenure estimated separately for men and women.

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the regression coefficients below, I focus on comparing predicted probabilities in different time periods between felony and misdemeanor arrests estimated for theoretically similar values of the independent variables because those values can be directly compared in a meaningful way.[13]

The substantive meaning of each disposition category relative to dismissal is different for the different types of arrest. For example, a misdemeanor conviction is (usually) the most serious conviction from a misdemeanor arrest whereas it is the second most serious conviction type from a felony arrest. Therefore, I used STATA's "margins" command to estimate the predicted probability on-par conviction for each model: a misdemeanor conviction for the misdemeanor arrest models and a felony conviction for the felony arrest models.[14] Appendix Table 5 reports the predicted probabilities displayed graphically in Chapter 2.

[13]. Scott Long, *Group Comparisons in Logit and Probit Using Predicted Probabilities*, Working Paper (2009), *available at* http://www.indiana.edu/~jslsoc/files_research/groupdif/groupwithprobabilities/groups-with-prob-2009-06-25.pdf. That is, the predicted probabilities would still be accurate even if the residual variation differs between the two groups, whereas naïve comparisons of coefficients would not be.

[14] Specifically, the margins were estimated setting the value of prior arrests equal to six (because the number of prior misdemeanor convictions varied up to five) and all other predictor variables equal to their mean values. Numerous other values for the predictor variables were tested and all yielded the same substantive result.

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Table 1. MJACD Group Cohort Descriptives as Percent of Total Cohort

		1980-81	1985-86	1990-91	1995-96	2000-01	2005-06	2010-11
Age at time of first MJACD arrest	16-18	31.78	24.36	21.25	29.18	25.07	30.23	28.13
	19-21	26.70	24.38	20.00	23.81	22.46	24.61	25.54
	22-25	21.03	22.09	17.44	17.01	18.40	17.31	18.49
	26-30	13.22	15.50	18.17	11.08	12.43	10.23	11.26
	31-35	4.27	7.66	11.87	7.88	7.89	5.92	5.74
	36-40	1.54	3.40	5.79	5.45	5.76	3.97	3.49
	41-50	1.20	1.95	4.03	4.52	6.09	5.47	4.75
	51 or older	0.27	0.64	1.47	1.07	1.91	2.25	2.60
Recorded Gender	Male	87.79	90.05	90.26	88.99	86.28	87.53	83.82
	Female	12.21	9.95	9.74	11.01	13.72	12.47	16.18
Recorded Race or Ethnicity	White	21.41	15.07	21.54	14.67	18.19	13.43	19.02
	Black	54.37	54.58	55.68	51.76	45.75	49.53	42.56
	Hispanic	21.08	28.45	20.73	30.24	31.83	31.66	31.36
	Asian/Indian	0.27	0.47	0.88	1.22	1.92	2.37	3.54
	Other	2.87	1.43	1.17	2.11	2.31	3.01	3.52
Total number of people in cohort		1,499	4,672	1,365	7,960	39,525	22,822	33,778

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Table 2. 1st Misdemeanor Conviction Group Cohort Descriptives as Percent of Total Cohort

		1980-81	1985-86	1990-91	1995-96	2000-01	2005-06	2010-11
Age at time of first misdemeanor conviction	16-18	19.13	10.88	6.25	7.99	11.58	12.01	11.62
	19-21	20.75	15.52	9.63	7.94	13.45	11.69	12.07
	22-25	20.40	18.88	15.83	10.66	13.25	13.78	15.57
	26-30	16.71	18.59	21.75	16.62	14.24	15.73	15.73
	31-35	8.72	12.84	18.13	18.43	13.38	11.87	12.56
	36-40	5.49	8.37	12.07	15.52	12.63	11.01	9.06
	41-50	5.63	9.79	11.46	15.99	15.00	16.09	15.07
	51 or older	3.17	5.12	4.88	6.85	6.48	7.82	8.32
Recorded Gender	Male	70.97	78.48	77.41	82.98	79.47	84.05	83.17
	Female	29.03	21.52	22.59	17.02	20.53	15.95	16.83
Recorded Race or Ethnicity	White	25.29	20.64	22.65	22.01	19.42	22.06	22.41
	Black	51.81	43.10	37.56	37.52	38.12	30.52	33.79
	Hispanic	19.91	32.05	35.13	34.02	35.65	37.36	35.13
	Asian/Indian	0.32	1.66	2.76	4.29	4.71	6.53	5.31
	Other	2.68	2.55	1.89	2.15	2.10	3.53	3.36
Total number of people in cohort		9,163	14,667	10,561	14,252	9,869	11,586	9,110

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Table 3. Cell Counts for Pooled Models for Select Prior Conviction Statuses

Arrest Number	Observations with **zero** prior misdemeanor convictions	Observations with **one** prior misdemeanor convictions	Observations with **zero** prior felony convictions	Observations with **one** prior felony convictions
1	186,884	4,104	192,223	719
2	123,453	15,822	139,974	1,049
3	86,782	19,619	108,830	3,315
4	62,068	19,444	87,012	5,162
5	43,970	17,395	70,058	6,484
6	31,760	14,885	57,337	7,296
7	22,560	12,000	47,123	7,532
8	16,421	9,545	39,167	7,493
9	11,637	7,460	32,643	7,202
10 or more	33,198	21,840	235,810	81,011

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Table 4. Logit Model Output

Misdemeanor Model Pre-1991

Outcome	Coef.	Std. Err	z	P>z	[95% Conf.	Interval]
Not_Convicted (base outcome)						
		Violation_or_infraction				
Race/Ethnicity						
Black	0.1846384	0.0249634	7.4	0	0.135711	0.2335657
Hispanic	0.0864962	0.0278137	3.11	0.002	0.0319824	0.14101
Asian/Indian	-0.053742	0.115075	-0.47	0.64	-0.2792849	0.1718008
Unknown/Missing	0.0840537	0.0749722	1.12	0.262	-0.0628892	0.2309965
Recorded Sex						
Male	0.1671518	0.0281223	5.94	0	0.112033	0.2222705
Unknown/Missing	-1.814552	0.0782533	-23.19	0	-1.967926	-1.661178
Age at time of Arrest	0.0035076	0.0012403	2.83	0.005	0.0010767	0.0059385
Prior Misdemeanor Convictions						
1	-0.3293596	0.0313541	-10.5	0	-0.3908125	-0.2679068
2	-0.5667869	0.0440314	-12.87	0	-0.6530867	-0.480487
3	-0.7491916	0.0565034	-13.26	0	-0.8599362	-0.6384471
4	-0.8027969	0.06496	-12.36	0	-0.9301161	-0.6754776
5 or more	-1.32152	0.0658013	-20.08	0	-1.450488	-1.192552
Prior Felony Convictions						
1	-0.3801731	0.045266	-8.4	0	-0.4688929	-0.2914534
2	-0.5555868	0.0959046	-5.79	0	-0.7435564	-0.3676172
3 or more	-1.173441	0.1919762	-6.11	0	-1.549708	-0.7971747
Number of Open Cases						
1	-0.091345	0.0213036	-4.29	0	-0.1330993	-0.0495907
2	-0.4533285	0.0348526	-13.01	0	-0.5216385	-0.3850186
3	-0.4516177	0.0501866	-9	0	-0.5499816	-0.3532538
4 or more	-0.915101	0.0701891	-13.04	0	-1.052669	-0.7775329
Number of the Arrest						
2	0.6959704	0.0238999	29.12	0	0.6491275	0.7428133
3	0.8862926	0.029678	29.86	0	0.8281247	0.9444605

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4	0.8982362	0.0347689	25.83	0	0.8300903	0.966382
5	0.8964035	0.0403191	22.23	0	0.8173795	0.9754276
6	0.9616736	0.0456454	21.07	0	0.8722103	1.051137
7	0.894537	0.0522253	17.13	0	0.7921774	0.9968967
8	0.8927787	0.0589606	15.14	0	0.7772179	1.008339
9	0.9461899	0.0657557	14.39	0	0.8173111	1.075069
10 or more	1.167568	0.0629528	18.55	0	1.044182	1.290953
Arrest Law Article						
Larceny, Theft	0.3344793	0.0482582	6.93	0	0.239895	0.4290636
Conspiracy, Fraud, Forgery, Copyright infringe	0.7505535	0.0968354	7.75	0	0.5607596	0.9403474
Mischief, Endangering, Obstruction, Escape, Contempt	0.4982403	0.0524761	9.49	0	0.395389	0.6010916
Trespass, Gambling, Prostitution, Public Order, Lewdness	0.4135882	0.0543625	7.61	0	0.3070396	0.5201368
DWI, Unlicensed operation & Other VLT	2.127975	0.0791803	26.88	0	1.972785	2.283166
Other PL and non-PL offenses	0.6382875	0.1294554	4.93	0	0.3845595	0.8920155
Assault	-0.6298144	0.0564468	-11.16	0	-0.7404482	-0.5191806
Controlled Substance	0.579509	0.0491259	11.8	0	0.483224	0.675794
Marijuana	-0.9062664	0.0498041	-18.2	0	-1.003881	-0.8086521
Constant	-0.8213551	0.0633445	-12.97	0	-0.9455081	-0.6972021
		Misdemeanor				
Race/Ethnicity						
Black	0.0532132	0.0237843	2.24	0.025	0.0065968	0.0998297
Hispanic	0.1210042	0.0264361	4.58	0	0.0691904	0.1728181
Asian/Indian	-0.0938859	0.1410257	-0.67	0.506	-0.3702912	0.1825195
Unknown/Missing	0.1531042	0.0720582	2.12	0.034	0.0118727	0.2943357
Recorded Sex						
Male	-0.3414581	0.0250023	-13.66	0	-0.3904618	-0.2924544
Unknown/Missing	17.44635	1.002907	17.4	0	15.48069	19.41201
Age at time of Arrest	0.0174898	0.0012396	14.11	0	0.0150604	0.0199193
Prior Misdemeanor Convictions						
1	0.1439995	0.0281146	5.12	0	0.0888958	0.1991032
2	0.2937342	0.0357167	8.22	0	0.2237307	0.3637377
3	0.4268413	0.0438997	9.72	0	0.3407995	0.5128831

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4	0.45427	0.0502547	9.04	0	0.3557726	0.5527675
5 or more	0.7800446	0.0472229	16.52	0	0.6874894	0.8725998
Prior Felony Convictions						
1	-0.5203466	0.0390925	-13.31	0	-0.5969665	-0.4437266
2	-0.9744455	0.0786699	-12.39	0	-1.128636	-0.8202553
3 or more	-1.525053	0.1406531	-10.84	0	-1.800728	-1.249378
Number of Open Cases						
1	0.0906762	0.0189582	4.78	0	0.0535189	0.1278336
2	0.0885938	0.0289493	3.06	0.002	0.0318542	0.1453333
3	0.0714835	0.0395473	1.81	0.071	-0.0060277	0.1489947
4 or more	-0.1258815	0.0502158	-2.51	0.012	-0.2243026	-0.0274604
Number of the Arrest						
2	0.9220551	0.0229175	40.23	0	0.8771376	0.9669725
3	1.382493	0.0276488	50	0	1.328303	1.436684
4	1.509919	0.0314274	48.04	0	1.448322	1.571515
5	1.575647	0.0358116	44	0	1.505458	1.645837
6	1.590473	0.0398263	39.94	0	1.512415	1.668531
7	1.509172	0.0436376	34.58	0	1.423644	1.5947
8	1.4169	0.0484183	29.26	0	1.322002	1.511799
9	1.394488	0.0535909	26.02	0	1.289452	1.499524
10 or more	1.514898	0.048548	31.2	0	1.419745	1.61005
Arrest Law Article						
Larceny, Theft	-0.0487333	0.0463428	-1.05	0.293	-0.1395636	0.042097
Conspiracy, Fraud, Forgery, Copyright infringe	-0.0398884	0.1005914	-0.4	0.692	-0.2370439	0.1572671
Mischief, Endangering, Obstruction, Escape, Contempt	-0.2064897	0.0524072	-3.94	0	-0.3092059	-0.1037736
Trespass, Gambling, Prostitution, Public Order, Lewdness	0.8394258	0.0509069	16.49	0	0.7396501	0.9392015
DWI, Unlicensed operation & Other VLT	2.947069	0.0777889	37.89	0	2.794605	3.099532
Other PL and non-PL offenses	0.397223	0.1251814	3.17	0.002	0.151872	0.642574
Assault	-1.176296	0.0555771	-21.17	0	-1.285225	-1.067367
Controlled Substance	0.0628897	0.0475444	1.32	0.186	-0.0302957	0.1560751
Marijuana	-0.7818136	0.0469294	-16.66	0	-0.8737935	-0.6898337
Constant	-0.7375528	0.0610406	-12.08	0	-0.8571902	-0.6179155

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Robbery	0.3610251	0.0667788	5.41	0	0.230141	0.4919091
Controlled Substance	1.046733	0.0664711	15.75	0	0.9164515	1.177014
Marijuana	2.032491	0.0942586	21.56	0	1.847748	2.217235
Constant	-3.5562	0.0945651	-37.61	0	-3.741544	-3.370856
		Felony				
Race/Ethnicity						
Black	0.0300192	0.049363	0.61	0.543	-0.0667306	0.1267689
Hispanic	0.2521394	0.0518038	4.87	0	0.1506058	0.3536729
Asian/Indian	-0.1648432	0.380419	-0.43	0.665	-0.9104508	0.5807643
Unknown/Missing	0.1553673	0.1415955	1.1	0.273	-0.1221548	0.4328893
Recorded Gender						
Male	0.2600969	0.0411287	6.32	0	0.1794863	0.3407076
Age at time of Arrest	-0.0235372	0.0021382	-11.01	0	-0.027728	-0.0193464
Prior Misdemeanor Convictions						
1	1.781557	0.0461714	38.59	0	1.691062	1.872051
2	1.840214	0.0560726	32.82	0	1.730314	1.950114
3	1.944155	0.0642741	30.25	0	1.818181	2.07013
4	2.021262	0.072505	27.88	0	1.879155	2.163369
5 or more	2.052343	0.0683971	30.01	0	1.918287	2.186399
Prior Felony Convictions						
1	0.0694403	0.0395948	1.75	0.079	-0.008164	0.1470446
2	-0.1162714	0.0657843	-1.77	0.077	-0.2452062	0.0126635
3 or more	-0.0683225	0.1071485	-0.64	0.524	-0.2783298	0.1416847
Number of Open Cases						
1	0.2244976	0.0311406	7.21	0	0.1634631	0.2855321
2	0.2389997	0.0477484	5.01	0	0.1454146	0.3325847
3	0.0094207	0.0720257	0.13	0.896	-0.1317471	0.1505885
4 or more	-0.0525764	0.1065767	-0.49	0.622	-0.2614629	0.1563102
Number of the Arrest						
2	0.6469818	0.0608314	10.64	0	0.5277545	0.766209
3	0.8802636	0.0622398	14.14	0	0.7582758	1.002251
4	0.9446888	0.0656989	14.38	0	0.8159214	1.073456
5	0.9546252	0.0691141	13.81	0	0.8191641	1.090086
6	0.8997807	0.0728311	12.35	0	0.7570344	1.042527

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7	0.8559615	0.0765043	11.19	0	0.7060159	1.005907
8	0.7770339	0.0806653	9.63	0	0.6189329	0.9351349
9	0.8237091	0.0845233	9.75	0	0.6580465	0.9893717
10 or more	0.6456484	0.0784306	8.23	0	0.4919272	0.7993696
Arrest Law Article						
Larceny, Theft	-0.7699538	0.0588715	-13.08	0	-0.8853399	-0.6545678
Conspiracy, Fraud, Forgery, Copyright infringe	-0.7133796	0.1463726	-4.87	0	-1.000265	-0.4264947
Mischief, Endangering, Obstruction, Escape, Contempt	-1.045265	0.1132542	-9.23	0	-1.26724	-0.8232913
Trespass, Gambling, Prostitution, Public Order, Lewdness	-1.530362	0.3258996	-4.7	0	-2.169113	-0.8916102
DWI, Unlicensed operation & Other VLT	2.400641	0.3053055	7.86	0	1.802253	2.999028
Other PL and non-PL offenses	0.3888767	0.3031136	1.28	0.2	-0.205215	0.9829684
Assault	-1.794164	0.0748511	-23.97	0	-1.940869	-1.647459
Homicide	0.4000808	0.097891	4.09	0	0.208218	0.5919436
Burglary	0.0964142	0.0589197	1.64	0.102	-0.0190663	0.2118946
Robbery	-0.0902138	0.0526308	-1.71	0.087	-0.1933683	0.0129408
Controlled Substance	0.6145605	0.0517626	11.87	0	0.5131077	0.7160133
Marijuana	-1.087641	0.1630554	-6.67	0	-1.407224	-0.7680586
Constant	-2.537599	0.0957029	-26.52	0	-2.725173	-2.350025

Misdemeanor Model Post-2000

Outcome	Coef.	Std. Err	z	P>z	[95% Conf. Interval]	
Not_Convicted (base outcome)						
		Violation_or_infraction				
Race/Ethnicity						
Black	0.0447637	0.0155537	2.88	0.004	0.0142791	0.0752482
Hispanic	0.1630456	0.0160788	10.14	0	0.1315317	0.1945595
Asian/Indian	0.2264131	0.0340757	6.64	0	0.159626	0.2932002
Other	1.020969	0.6125104	1.67	0.096	-0.1795294	2.221467
Unknown/Missing	0.074431	0.0328554	2.27	0.023	0.0100355	0.1388264
Recorded Sex						
Male	0.1434502	0.0138695	10.34	0	0.1162666	0.1706339

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Age at time of Arrest	-0.0058176	0.0004874	-11.94	0	-0.0067729	-0.0048624
Prior Misdemeanor Convictions						
1	0.1157409	0.014435	8.02	0	0.0874488	0.1440329
2	-0.0059584	0.021321	-0.28	0.78	-0.0477468	0.03583
3	-0.1506589	0.0278753	-5.4	0	-0.2052935	-0.0960243
4	-0.2411655	0.0327698	-7.36	0	-0.3053932	-0.1769378
5 or more	-0.5746029	0.023862	-24.08	0	-0.6213715	-0.5278342
Prior Felony Convictions						
1	0.0027949	0.0176875	0.16	0.874	-0.031872	0.0374619
2	0.0009136	0.0282836	0.03	0.974	-0.0545212	0.0563485
3 or more	-0.0946318	0.03313	-2.86	0.004	-0.1595654	-0.0296981
Number of Open Cases						
1	0.2152983	0.0104214	20.66	0	0.1948728	0.2357239
2	0.1221532	0.0213652	5.72	0	0.0802781	0.1640282
3	0.096879	0.0299996	3.23	0.001	0.0380809	0.155677
4 or more	-0.1807167	0.0498619	-3.62	0	-0.2784443	-0.0829892
Number of the Arrest						
2	1.764827	0.0151823	116.24	0	1.73507	1.794584
3	2.029734	0.0162823	124.66	0	1.997821	2.061646
4	2.122291	0.0173937	122.02	0	2.0882	2.156382
5	2.182978	0.0188467	115.83	0	2.146039	2.219917
6	2.229754	0.0201804	110.49	0	2.190201	2.269307
7	2.288512	0.0216752	105.58	0	2.246029	2.330995
8	2.295424	0.0232982	98.52	0	2.249761	2.341088
9	2.315075	0.0253422	91.35	0	2.265406	2.364745
10 or more	2.315868	0.0210096	110.23	0	2.27469	2.357047
Arrest Law Article						
Larceny, Theft	-0.2473439	0.0260883	-9.48	0	-0.298476	-0.1962119
Conspiracy, Fraud, Forgery, Copyright infringe	-0.0718816	0.0523082	-1.37	0.169	-0.1744039	0.0306406
Mischief, Endangering, Obstruction, Escape, Contempt	-0.9847743	0.0287003	-34.31	0	-1.041026	-0.9285227
Trespass, Gambling, Prostitution, Public Order, Lewdness	-0.572958	0.0270416	-21.19	0	-0.6259586	-0.5199574
DWI, Unlicensed operation &	2.145708	0.0511248	41.97	0	2.045505	2.245911

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Other VLT						
Other PL and non-PL offenses	-0.970272	0.0567033	-17.11	0	-1.081408	-0.8591356
Assault	-1.574377	0.0273961	-57.47	0	-1.628073	-1.520682
Homicide	-14.21339	0.5808441	-24.47	0	-15.35183	-13.07496
Controlled Substance	-0.1129309	0.0278461	-4.06	0	-0.1675083	-0.0583535
Marijuana	-1.338263	0.0243782	-54.9	0	-1.386043	-1.290482
Constant	-1.445492	0.0341449	-42.33	0	-1.512414	-1.378569
		Misdemeanor				
Race/Ethnicity						
Black	-0.1593602	0.0188537	-8.45	0	-0.1963127	-0.1224076
Hispanic	-0.0300264	0.0195545	-1.54	0.125	-0.0683525	0.0082997
Asian/Indian	0.0629012	0.0416236	1.51	0.131	-0.0186795	0.144482
Other	0.1655947	0.5466105	0.3	0.762	-0.9057423	1.236932
Unknown/Missing	-0.157991	0.0457556	-3.45	0.001	-0.2476703	-0.0683118
Recorded Sex						
Male	-0.3250375	0.0162073	-20.05	0	-0.3568033	-0.2932717
Age at time of Arrest	0.0147276	0.0005862	25.12	0	0.0135787	0.0158765
Prior Misdemeanor Convictions						
1	0.7483238	0.0175915	42.54	0	0.7138451	0.7828026
2	1.140862	0.0237138	48.11	0	1.094384	1.18734
3	1.544309	0.0287818	53.66	0	1.487897	1.60072
4	1.571209	0.0332365	47.27	0	1.506066	1.636351
5 or more	2.138248	0.0261085	81.9	0	2.087076	2.18942
Prior Felony Convictions						
1	0.0321825	0.0207774	1.55	0.121	-0.0085405	0.0729056
2	-0.0822103	0.0304476	-2.7	0.007	-0.1418864	-0.0225342
3 or more	-0.1890944	0.0323741	-5.84	0	-0.2525465	-0.1256423
Number of Open Cases						
1	0.3982608	0.0128105	31.09	0	0.3731526	0.423369
2	0.6841802	0.025259	27.09	0	0.6346735	0.7336868
3	0.7703633	0.0350417	21.98	0	0.7016828	0.8390438
4 or more	0.7854946	0.0565538	13.89	0	0.6746511	0.8963381
Number of the Arrest						
2	0.2781536	0.0174504	15.94	0	0.2439514	0.3123557

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3	0.6003633	0.0190836	31.46	0	0.5629601	0.6377664
4	0.7983792	0.0203663	39.2	0	0.758462	0.8382963
5	0.9516261	0.0218973	43.46	0	0.9087081	0.994544
6	1.041715	0.0232922	44.72	0	0.9960632	1.087367
7	1.094108	0.025128	43.54	0	1.044858	1.143358
8	1.138405	0.0265951	42.81	0	1.08628	1.19053
9	1.126789	0.0287036	39.26	0	1.070531	1.183047
10 or more	1.001584	0.0248446	40.31	0	0.9528891	1.050278
Arrest Law Article						
Larceny, Theft	0.1078351	0.0318442	3.39	0.001	0.0454217	0.1702485
Conspiracy, Fraud, Forgery, Copyright infringe	0.1341298	0.0611578	2.19	0.028	0.0142627	0.2539968
Mischief, Endangering, Obstruction, Escape, Contempt	-0.8439814	0.0356337	-23.68	0	-0.9138221	-0.7741407
Trespass, Gambling, Prostitution, Public Order, Lewdness	-0.3596208	0.033049	-10.88	0	-0.4243957	-0.2948459
DWI, Unlicensed operation & Other VLT	3.911784	0.0529741	73.84	0	3.807956	4.015611
Other PL and non-PL offenses	-0.6540036	0.0648895	-10.08	0	-0.7811847	-0.5268225
Assault	-1.491182	0.0345892	-43.11	0	-1.558975	-1.423388
Homicide	-0.7983054	1.109768	-0.72	0.472	-2.97341	1.3768
Controlled Substance	0.2732235	0.0329582	8.29	0	0.2086267	0.3378203
Marijuana	-1.539863	0.031251	-49.27	0	-1.601114	-1.478612
Constant	-1.457264	0.0405324	-35.95	0	-1.536706	-1.377822

Felony Model Pre-1991

Outcome	**Coef.**	**Std. Err**	**z**	**P>z**	**[95% Conf. Interval]**	
Not_Convicted (base outcome)						
Violation_or_infraction						
Race/Ethnicity						
Black	0.0230571	0.0373747	0.62	0.537	-0.050196	0.0963102
Hispanic	0.0911404	0.0409694	2.22	0.026	0.0108418	0.1714389
Asian/Indian	-0.1001232	0.1806969	-0.55	0.58	-0.4542826	0.2540363
Unknown/Missing	-0.1081987	0.0983619	-1.1	0.271	-0.3009845	0.0845871

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Recorded Gender						
Male	-0.1178827	0.0375543	-3.14	0.002	-0.1914879	-0.0442776
Age at time of Arrest	-0.0053536	0.001769	-3.03	0.002	-0.0088208	-0.0018863
Prior Misdemeanor Convictions						
1	-0.3508046	0.0402406	-8.72	0	-0.4296747	-0.2719344
2	-0.4391704	0.0568376	-7.73	0	-0.55057	-0.3277709
3	-0.6029821	0.0768819	-7.84	0	-0.7536679	-0.4522963
4	-0.4734615	0.0881056	-5.37	0	-0.6461453	-0.3007777
5 or more	-0.9309952	0.0802599	-11.6	0	-1.088302	-0.7736887
Prior Felony Convictions						
1	-0.381542	0.0558561	-6.83	0	-0.4910178	-0.2720661
2	-0.5589756	0.1060569	-5.27	0	-0.7668434	-0.3511078
3 or more	-0.703423	0.1949753	-3.61	0	-1.085568	-0.3212784
Number of Open Cases						
1	-0.1824203	0.0305184	-5.98	0	-0.2422353	-0.1226052
2	-0.4292857	0.048569	-8.84	0	-0.5244793	-0.3340922
3	-0.5294003	0.0743659	-7.12	0	-0.6751548	-0.3836457
4 or more	-0.6213505	0.1061158	-5.86	0	-0.8293337	-0.4133673
Number of the Arrest						
2	0.0290717	0.0353459	0.82	0.411	-0.0402051	0.0983484
3	0.0657329	0.0412572	1.59	0.111	-0.0151298	0.1465956
4	0.0606807	0.0471963	1.29	0.199	-0.0318224	0.1531838
5	-0.0321663	0.0555778	-0.58	0.563	-0.1410968	0.0767642
6	-0.035107	0.0634212	-0.55	0.58	-0.1594103	0.0891963
7	-0.0945057	0.0725922	-1.3	0.193	-0.2367839	0.0477724
8	-0.0646792	0.0824882	-0.78	0.433	-0.2263532	0.0969947
9	0.0108784	0.090673	0.12	0.905	-0.1668374	0.1885942
10 or more	0.120221	0.0741113	1.62	0.105	-0.0250346	0.2654766
Arrest Law Article						
Larceny, Theft	1.339426	0.0650498	20.59	0	1.211931	1.466921
Conspiracy, Fraud, Forgery, Copyright infringe	1.752878	0.0968509	18.1	0	1.563054	1.942702
Mischief, Endangering, Obstruction, Escape, Contempt	1.674049	0.0869284	19.26	0	1.503672	1.844425
Trespass, Gambling,	2.503332	0.128111	19.54	0	2.252239	2.754425

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Prostitution, Public Order, Lewdness						
DWI, Unlicensed operation & Other VLT	2.974364	0.3075233	9.67	0	2.37163	3.577099
Other PL and non-PL offenses	1.591357	0.2417321	6.58	0	1.117571	2.065143
Assault	1.123463	0.0651212	17.25	0	0.9958281	1.251098
Homicide	-1.051123	0.2314983	-4.54	0	-1.504851	-0.5973942
Burglary	1.43251	0.0679273	21.09	0	1.299375	1.565645
Robbery	0.1532468	0.0695047	2.2	0.027	0.0170201	0.2894735
Controlled Substance	0.9546437	0.066275	14.4	0	0.8247471	1.08454
Marijuana	1.601069	0.0983293	16.28	0	1.408347	1.793791
Constant	-1.426481	0.0888042	-16.06	0	-1.600534	-1.252428
		Misdemeanor				
Race/Ethnicity						
Black	0.0515208	0.0388339	1.33	0.185	-0.0245922	0.1276337
Hispanic	0.2123107	0.0419037	5.07	0	0.1301809	0.2944404
Asian/Indian	-0.300506	0.234899	-1.28	0.201	-0.7608995	0.1598875
Unknown/Missing	0.0848151	0.127222	0.67	0.505	-0.1645354	0.3341657
Recorded Gender						
Male	-0.0586046	0.0352538	-1.66	0.096	-0.1277007	0.0104915
Age at time of Arrest	-0.0072437	0.0018152	-3.99	0	-0.0108015	-0.003686
Prior Misdemeanor Convictions						
1	1.346904	0.0363786	37.02	0	1.275604	1.418205
2	1.42998	0.045738	31.26	0	1.340335	1.519624
3	1.562059	0.0541261	28.86	0	1.455974	1.668144
4	1.563584	0.0635649	24.6	0	1.438999	1.688169
5 or more	1.807896	0.0582852	31.02	0	1.693659	1.922133
Prior Felony Convictions						
1	-0.211596	0.0392354	-5.39	0	-0.288496	-0.1346959
2	-0.6346958	0.0685592	-9.26	0	-0.7690695	-0.5003222
3 or more	-0.7394483	0.1303397	-5.67	0	-0.9949095	-0.4839872
Number of Open Cases						
1	0.422679	0.0271564	15.56	0	0.3694534	0.4759046
2	0.6547084	0.0401097	16.32	0	0.5760949	0.7333219
3	0.6589656	0.0569965	11.56	0	0.5472544	0.7706768

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4 or more	0.65842	0.0720493	9.14	0	0.517206	0.799634
Number of the Arrest						
2	0.7821134	0.0523059	14.95	0	0.6795957	0.8846311
3	1.088785	0.0537681	20.25	0	0.983401	1.194168
4	1.213355	0.0567527	21.38	0	1.102122	1.324588
5	1.161371	0.0602707	19.27	0	1.043243	1.2795
6	1.161223	0.0640037	18.14	0	1.035778	1.286668
7	1.056938	0.0676212	15.63	0	0.9244027	1.189473
8	1.104693	0.07118	15.52	0	0.9651824	1.244203
9	0.9785352	0.0765588	12.78	0	0.8284827	1.128588
10 or more	0.927426	0.0693685	13.37	0	0.7914663	1.063386
Arrest Law Article						
Larceny, Theft	1.688405	0.0648511	26.04	0	1.5613	1.815511
Conspiracy, Fraud, Forgery, Copyright infringe	1.615313	0.1003078	16.1	0	1.418713	1.811912
Mischief, Endangering, Obstruction, Escape, Contempt	1.865673	0.0835064	22.34	0	1.702003	2.029343
Trespass, Gambling, Prostitution, Public Order, Lewdness	3.260265	0.1371868	23.77	0	2.991384	3.529146
DWI, Unlicensed operation & Other VLT	3.189961	0.3174532	10.05	0	2.567764	3.812158
Other PL and non-PL offenses	1.975378	0.2399606	8.23	0	1.505064	2.445692
Assault	0.6202244	0.0683728	9.07	0	0.4862161	0.7542327
Homicide	-1.035949	0.2135658	-4.85	0	-1.454531	-0.617368
Burglary	1.365928	0.0684772	19.95	0	1.231715	1.500141
Robbery	0.3610251	0.0667788	5.41	0	0.230141	0.4919091
Controlled Substance	1.046733	0.0664711	15.75	0	0.9164515	1.177014
Marijuana	2.032491	0.0942586	21.56	0	1.847748	2.217235
Constant	-3.5562	0.0945651	-37.61	0	-3.741544	-3.370856
		Felony				
Race/Ethnicity						
Black	0.0300192	0.049363	0.61	0.543	-0.0667306	0.1267689
Hispanic	0.2521394	0.0518038	4.87	0	0.1506058	0.3536729
Asian/Indian	-0.1648432	0.380419	-0.43	0.665	-0.9104508	0.5807643
Unknown/Missing	0.1553673	0.1415955	1.1	0.273	-0.1221548	0.4328893

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Recorded Gender						
Male	0.2600969	0.0411287	6.32	0	0.1794863	0.3407076
Age at time of Arrest	-0.0235372	0.0021382	-11.01	0	-0.027728	-0.0193464
Prior Misdemeanor Convictions						
1	1.781557	0.0461714	38.59	0	1.691062	1.872051
2	1.840214	0.0560726	32.82	0	1.730314	1.950114
3	1.944155	0.0642741	30.25	0	1.818181	2.07013
4	2.021262	0.072505	27.88	0	1.879155	2.163369
5 or more	2.052343	0.0683971	30.01	0	1.918287	2.186399
Prior Felony Convictions						
1	0.0694403	0.0395948	1.75	0.079	-0.008164	0.1470446
2	-0.1162714	0.0657843	-1.77	0.077	-0.2452062	0.0126635
3 or more	-0.0683225	0.1071485	-0.64	0.524	-0.2783298	0.1416847
Number of Open Cases						
1	0.2244976	0.0311406	7.21	0	0.1634631	0.2855321
2	0.2389997	0.0477484	5.01	0	0.1454146	0.3325847
3	0.0094207	0.0720257	0.13	0.896	-0.1317471	0.1505885
4 or more	-0.0525764	0.1065767	-0.49	0.622	-0.2614629	0.1563102
Number of the Arrest						
2	0.6469818	0.0608314	10.64	0	0.5277545	0.766209
3	0.8802636	0.0622398	14.14	0	0.7582758	1.002251
4	0.9446888	0.0656989	14.38	0	0.8159214	1.073456
5	0.9546252	0.0691141	13.81	0	0.8191641	1.090086
6	0.8997807	0.0728311	12.35	0	0.7570344	1.042527
7	0.8559615	0.0765043	11.19	0	0.7060159	1.005907
8	0.7770339	0.0806653	9.63	0	0.6189329	0.9351349
9	0.8237091	0.0845233	9.75	0	0.6580465	0.9893717
10 or more	0.6456484	0.0784306	8.23	0	0.4919272	0.7993696
Arrest Law Article						
Larceny, Theft	-0.7699538	0.0588715	-13.08	0	-0.8853399	-0.6545678
Conspiracy, Fraud, Forgery, Copyright infringe	-0.7133796	0.1463726	-4.87	0	-1.000265	-0.4264947
Mischief, Endangering, Obstruction, Escape, Contempt	-1.045265	0.1132542	-9.23	0	-1.26724	-0.8232913
Trespass, Gambling,	-1.530362	0.3258996	-4.7	0	-2.169113	-0.8916102

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Prostitution, Public Order, Lewdness						
DWI, Unlicensed operation & Other VLT	2.400641	0.3053055	7.86	0	1.802253	2.999028
Other PL and non-PL offenses	0.3888767	0.3031136	1.28	0.2	-0.205215	0.9829684
Assault	-1.794164	0.0748511	-23.97	0	-1.940869	-1.647459
Homicide	0.4000808	0.097891	4.09	0	0.208218	0.5919436
Burglary	0.0964142	0.0589197	1.64	0.102	-0.0190663	0.2118946
Robbery	-0.0902138	0.0526308	-1.71	0.087	-0.1933683	0.0129408
Controlled Substance	0.6145605	0.0517626	11.87	0	0.5131077	0.7160133
Marijuana	-1.087641	0.1630554	-6.67	0	-1.407224	-0.7680586
Constant	-2.537599	0.0957029	-26.52	0	-2.725173	-2.350025

Felony Model Post-2000

Outcome	Coef.	Std. Err	z	P>z	[95% Conf.	Interval]
Not_Convicted (base outcome)						
		Violation_or_infraction				
Race/Ethnicity						
Black	-0.368431	0.030167	-12.21	0	-0.4275572	-0.3093047
Hispanic	-0.255072	0.0313622	-8.13	0	-0.3165408	-0.1936033
Asian/Indian	0.2100285	0.0625261	3.36	0.001	0.0874795	0.3325774
Other	1.205009	1.047745	1.15	0.25	-0.8485342	3.258553
Unknown/Missing	-0.1356842	0.0731478	-1.85	0.064	-0.2790512	0.0076827
Recorded Gender						
Male	0.163239	0.0282311	5.78	0	0.1079071	0.218571
Age at time of Arrest	0.0020837	0.0009559	2.18	0.029	0.0002102	0.0039571
Prior Misdemeanor Convictions						
1	-0.2847934	0.0244378	-11.65	0	-0.3326905	-0.2368963
2	-0.3702892	0.035057	-10.56	0	-0.4389996	-0.3015788
3	-0.640514	0.0465994	-13.75	0	-0.7318472	-0.5491809
4	-0.6252602	0.056595	-11.05	0	-0.7361843	-0.5143362
5 or more	-0.8816779	0.0392018	-22.49	0	-0.958512	-0.8048438
Prior Felony Convictions						
1	-0.2839307	0.0281173	-10.1	0	-0.3390396	-0.2288218
2	-0.2980355	0.0457474	-6.51	0	-0.3876987	-0.2083722

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3 or more	-0.4504054	0.0521673	-8.63	0	-0.5526514	-0.3481595
Number of Open Cases						
1	-0.0575173	0.019038	-3.02	0.003	-0.094831	-0.0202035
2	-0.2251577	0.0342594	-6.57	0	-0.2923048	-0.1580105
3	-0.1074734	0.050771	-2.12	0.034	-0.2069828	-0.007964
4 or more	-0.3061953	0.0730356	-4.19	0	-0.4493424	-0.1630482
Number of the Arrest						
2	-0.2366178	0.0337141	-7.02	0	-0.3026962	-0.1705394
3	-0.2589861	0.0348343	-7.43	0	-0.3272601	-0.190712
4	-0.2935801	0.0362507	-8.1	0	-0.3646301	-0.2225301
5	-0.3226423	0.0379913	-8.49	0	-0.3971038	-0.2481807
6	-0.2537355	0.0399417	-6.35	0	-0.3320197	-0.1754513
7	-0.2365457	0.0420134	-5.63	0	-0.3188905	-0.1542008
8	-0.22237	0.0444726	-5	0	-0.3095347	-0.1352053
9	-0.3591058	0.0473457	-7.58	0	-0.4519017	-0.26631
10 or more	-0.2167438	0.0382088	-5.67	0	-0.2916316	-0.1418559
Arrest Law Article						
Larceny, Theft	0.0945565	0.034573	2.73	0.006	0.0267947	0.1623182
Conspiracy, Fraud, Forgery, Copyright infringe	1.174514	0.0407391	28.83	0	1.094667	1.254361
Mischief, Endangering, Obstruction, Escape, Contempt	0.1566517	0.0321248	4.88	0	0.0936882	0.2196152
Trespass, Gambling, Prostitution, Public Order, Lewdness	0.7797858	0.1077259	7.24	0	0.568647	0.9909246
DWI, Unlicensed operation & Other VLT	1.351671	0.0892505	15.14	0	1.176743	1.526599
Other PL and non-PL offenses	-0.3669347	0.0671387	-5.47	0	-0.4985242	-0.2353452
Assault	-0.4132938	0.0315375	-13.1	0	-0.4751062	-0.3514813
Homicide	-2.404845	0.2869164	-8.38	0	-2.967191	-1.842499
Burglary	-0.222212	0.0452376	-4.91	0	-0.310876	-0.133548
Robbery	-1.004746	0.0371897	-27.02	0	-1.077636	-0.9318551
Controlled Substance	0.1091586	0.0289494	3.77	0	0.0524188	0.1658984
Marijuana	0.2164647	0.05635	3.84	0	0.1060208	0.3269087
Constant	0.0080501	0.0583874	0.14	0.89	-0.1063871	0.1224874

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	Misdemeanor					
Race/Ethnicity						
Black	-0.3184318	0.0283801	-11.22	0	-0.3740558	-0.2628077
Hispanic	-0.234808	0.0298505	-7.87	0	-0.2933138	-0.1763021
Asian/Indian	-0.2346158	0.0709244	-3.31	0.001	-0.373625	-0.0956066
Other	-13.87903	1.134202	-12.24	0	-16.10203	-11.65604
Unknown/Missing	-0.134335	0.0779889	-1.72	0.085	-0.2871904	0.0185204
Recorded Gender						
Male	-0.0213059	0.024065	-0.89	0.376	-0.0684723	0.0258606
Age at time of Arrest	0.0074447	0.0008547	8.71	0	0.0057694	0.0091199
Prior Misdemeanor Convictions						
1	0.6158301	0.0234071	26.31	0	0.5699532	0.6617071
2	0.8358149	0.0300725	27.79	0	0.7768739	0.894756
3	1.01394	0.0354988	28.56	0	0.9443639	1.083517
4	1.025526	0.0412083	24.89	0	0.9447594	1.106293
5 or more	1.479442	0.0315389	46.91	0	1.417626	1.541257
Prior Felony Convictions						
1	0.08047	0.0227033	3.54	0	0.0359724	0.1249676
2	0.0712635	0.0317079	2.25	0.025	0.0091171	0.1334098
3 or more	0.005043	0.0336679	0.15	0.881	-0.0609449	0.071031
Number of Open Cases						
1	-0.0365407	0.0176922	-2.07	0.039	-0.0712168	-0.0018647
2	0.1978365	0.0312693	6.33	0	0.1365498	0.2591232
3	0.0702235	0.0439005	1.6	0.11	-0.0158199	0.1562668
4 or more	0.1425469	0.0675636	2.11	0.035	0.0101246	0.2749691
Number of the Arrest						
2	0.4142049	0.048661	8.51	0	0.3188311	0.5095787
3	0.5032078	0.0487434	10.32	0	0.4076724	0.5987432
4	0.5902964	0.0495131	11.92	0	0.4932525	0.6873404
5	0.6240718	0.0500114	12.48	0	0.5260513	0.7220923
6	0.6726957	0.051364	13.1	0	0.5720241	0.7733674
7	0.7312036	0.0523023	13.98	0	0.628693	0.8337142
8	0.7408668	0.0536162	13.82	0	0.635781	0.8459526
9	0.6327768	0.0548635	11.53	0	0.5252465	0.7403072

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10 or more	0.5321781	0.0497524	10.7	0	0.4346651	0.6296911
Arrest Law Article						
Larceny, Theft	0.4761697	0.0340435	13.99	0	0.4094456	0.5428938
Conspiracy, Fraud, Forgery, Copyright infringe	1.154074	0.043061	26.8	0	1.069676	1.238472
Mischief, Endangering, Obstruction, Escape, Contempt	0.1130368	0.0328215	3.44	0.001	0.0487079	0.1773657
Trespass, Gambling, Prostitution, Public Order, Lewdness	1.019017	0.1006267	10.13	0	0.821792	1.216242
DWI, Unlicensed operation & Other VLT	2.19918	0.0826551	26.61	0	2.037179	2.361181
Other PL and non-PL offenses	-0.2714027	0.0674437	-4.02	0	-0.4035898	-0.1392155
Assault	-0.2720537	0.0322493	-8.44	0	-0.3352612	-0.2088461
Homicide	-1.581564	0.1928729	-8.2	0	-1.959588	-1.203541
Burglary	0.2686141	0.0413404	6.5	0	0.1875885	0.3496397
Robbery	-0.3713996	0.0349831	-10.62	0	-0.4399652	-0.3028339
Controlled Substance	0.5008311	0.0288198	17.38	0	0.4443454	0.5573168
Marijuana	0.4641521	0.0565894	8.2	0	0.3532388	0.5750653
Constant	-1.700273	0.0635872	-26.74	0	-1.824902	-1.575645
		Felony				
Race/Ethnicity						
Black	-0.1018671	0.0330655	-3.08	0.002	-0.1666743	-0.0370599
Hispanic	0.0023087	0.0342886	0.07	0.946	-0.0648956	0.0695131
Asian/Indian	-0.1140269	0.0766255	-1.49	0.137	-0.2642101	0.0361564
Other	2.946377	0.1981117	14.87	0	2.558085	3.334669
Unknown/Missing	0.2015265	0.0803806	2.51	0.012	0.0439833	0.3590696
Recorded Gender						
Male	0.3206006	0.0296625	10.81	0	0.2624633	0.378738
Age at time of Arrest	-0.0171987	0.0010198	-16.87	0	-0.0191974	-0.0152
Prior Misdemeanor Convictions						
1	0.6387173	0.0248668	25.69	0	0.5899793	0.6874553
2	0.7472066	0.0329544	22.67	0	0.6826171	0.8117961
3	0.8868067	0.0400157	22.16	0	0.8083774	0.9652361
4	0.8630155	0.0470561	18.34	0	0.7707873	0.9552437
5 or more	1.092552	0.0355565	30.73	0	1.022863	1.162242

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Prior Felony Convictions						
1	0.2466201	0.0245468	10.05	0	0.1985093	0.2947309
2	0.3108754	0.0351919	8.83	0	0.2419004	0.3798504
3 or more	0.5434472	0.0385328	14.1	0	0.4679244	0.61897
Number of Open Cases						
1	0.0487871	0.0195	2.5	0.012	0.0105677	0.0870064
2	0.1495027	0.0361618	4.13	0	0.0786269	0.2203786
3	-0.0126554	0.0531947	-0.24	0.812	-0.1169152	0.0916044
4 or more	0.0253036	0.079277	0.32	0.75	-0.1300765	0.1806836
Number of the Arrest						
2	0.5364054	0.0455735	11.77	0	0.447083	0.6257278
3	0.6277813	0.0459655	13.66	0	0.5376907	0.7178719
4	0.6653509	0.0466707	14.26	0	0.5738779	0.7568238
5	0.6317892	0.0480237	13.16	0	0.5376645	0.7259138
6	0.6402744	0.0497356	12.87	0	0.5427944	0.7377544
7	0.6277481	0.0510893	12.29	0	0.5276149	0.7278812
8	0.5649649	0.0532079	10.62	0	0.4606794	0.6692504
9	0.4766829	0.0545845	8.73	0	0.3696992	0.5836666
10 or more	0.2411933	0.0492105	4.9	0	0.1447425	0.3376442
Arrest Law Article						
Larceny, Theft	-0.3075304	0.0381242	-8.07	0	-0.3822524	-0.2328083
Conspiracy, Fraud, Forgery, Copyright infringe	-0.081259	0.0517215	-1.57	0.116	-0.1826314	0.0201133
Mischief, Endangering, Obstruction, Escape, Contempt	-1.534232	0.0456242	-33.63	0	-1.623654	-1.44481
Trespass, Gambling, Prostitution, Public Order, Lewdness	-0.2807955	0.1467415	-1.91	0.056	-0.5684035	0.0068125
DWI, Unlicensed operation & Other VLT	2.018088	0.0845079	23.88	0	1.852456	2.183721
Other PL and non-PL offenses	-0.6950822	0.0779299	-8.92	0	-0.8478221	-0.5423423
Assault	-0.8376586	0.0346389	-24.18	0	-0.9055496	-0.7697676
Homicide	1.294993	0.0809908	15.99	0	1.136254	1.453732
Burglary	0.4025621	0.0409194	9.84	0	0.3223616	0.4827627
Robbery	0.2467237	0.0311972	7.91	0	0.1855784	0.307869
Controlled Substance	0.5960994	0.0281981	21.14	0	0.5408321	0.6513667

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Marijuana	-0.9584802	0.0849778	-11.28	0	-1.125034	-0.7919266
Constant	-1.4155	0.0677473	-20.89	0	-1.548282	-1.282718

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Table 5. Predicted Probability

Predicted Probability of Misdemeanor Conviction from Misdemeanor Arrest from Mlogit, with all Predictors set at means except prior arrests=6

	Pre-1990							Post-2000						
	At Means							At Means						
Prior Mis.Conv	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]		Prior Mis.Conv	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]
0	0.5842	0.007	83.45	0	0.571	0.598		0	0.1683	0.0024	71.29	0	0.164	0.173
1	0.6642	0.0068	98.28	0	0.651	0.677		1	0.2866	0.004	72.42	0	0.279	0.294
2	0.7226	0.0065	111.1	0	0.71	0.735		2	0.3885	0.0054	72.13	0	0.38	0.399
3	0.7646	0.0066	115.4	0	0.752	0.778		3	0.5059	0.0066	77	0	0.49	0.519
4	0.7737	0.0074	105.1	0	0.759	0.788		4	0.5234	0.0074	70.48	0	0.509	0.538
5 or more	0.8523	0.0053	161.6	0	0.842	0.863		5 or more	0.6905	0.0055	125.5	0	0.68	0.701

	Pre-1990							Post-2000						
	At Means							At Means						
# of Open Cases	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]		# of Open Cases	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]
0	0.6975	0.0058	120.4	0	0.686	0.709		0	0.2589	0.0032	80.9	0	0.257	0.267
1	0.7261	0.0057	127.8	0	0.715	0.737		1	0.3178	0.004	80.16	0	0.31	0.326
2	0.7588	0.0061	124.2	0	0.747	0.771		2	0.3944	0.0062	63.47	0	0.382	0.407
3	0.7555	0.0075	100.7	0	0.741	0.770		3	0.4184	0.0082	50.98	0	0.402	0.434
4 or more	0.7514	0.0093	80.54	0	0.733	0.77		4 or more	0.4546	0.0123	36.85	0	0.430	0.479

Predicted Probability of Felony Conviction from Felony Arrest from Mlogit, with all Predictors set at means except prior arrests=6

	Pre-1990							Post-2000						
	At Means							At Means						
Prior Fel.Conv.	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]		Prior Fel.Conv	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]
0	0.1517	0.0055	27.49	0	0.141	0.163		0	0.197	0.0042	46.44	0	0.189	0.205
1	0.1782	0.0077	23.24	0	0.163	0.193		1	0.243	0.0059	41.32	0	0.231	0.255
2	0.1719	0.0106	16.2	0	0.151	0.193		2	0.2561	0.0074	34.73	0	0.242	0.271
3 or more	0.1849	0.0167	11.07	0	0.152	0.218		3 or more	0.3131	0.0089	35.1	0	0.296	0.331

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Pre-1990

At Means

# of Open Cases	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]
0	0.1523	0.0057	26.51	0	0.141	0.164
1	0.1670	0.0065	25.86	0	0.154	0.18
2	0.1594	0.0076	21.1	0	0.145	0.174
3	0.1318	0.0084	15.6	0	0.115	0.148
4 or more	0.1257	0.0116	10.86	0	0.103	0.148

Post-2000

At Means

# of Open Cases	Margin	Std. Err.	z	P>z	[95% Conf.	Interval]
0	0.2106	0.0045	47.24	0	0.202	0.219
1	0.2229	0.0052	43.28	0	0.213	0.233
2	0.2298	0.0072	31.81	0	0.216	0.244
3	0.2075	0.009	23.19	0	0.19	0.225
4 or more	0.2144	0.0125	17.16	0	0.19	0.239

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