

Crime and Race

Exoneree Project

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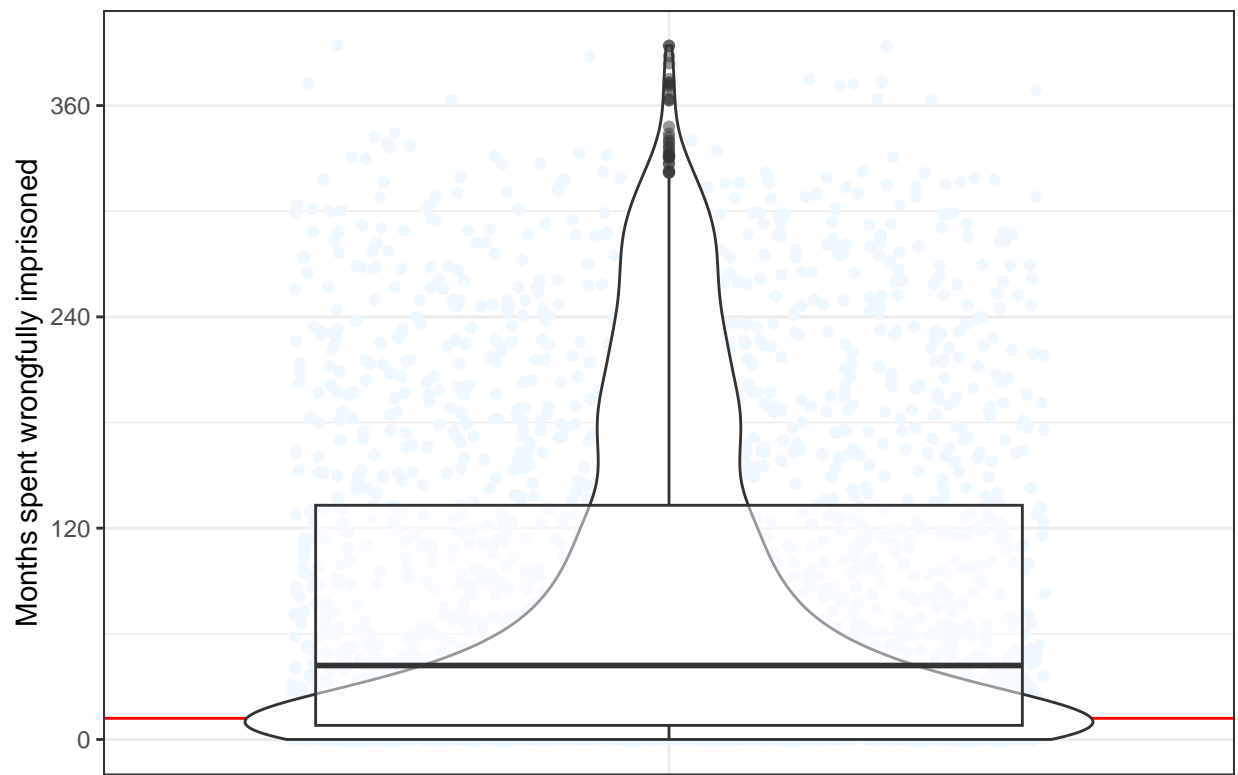
Distribution Tables

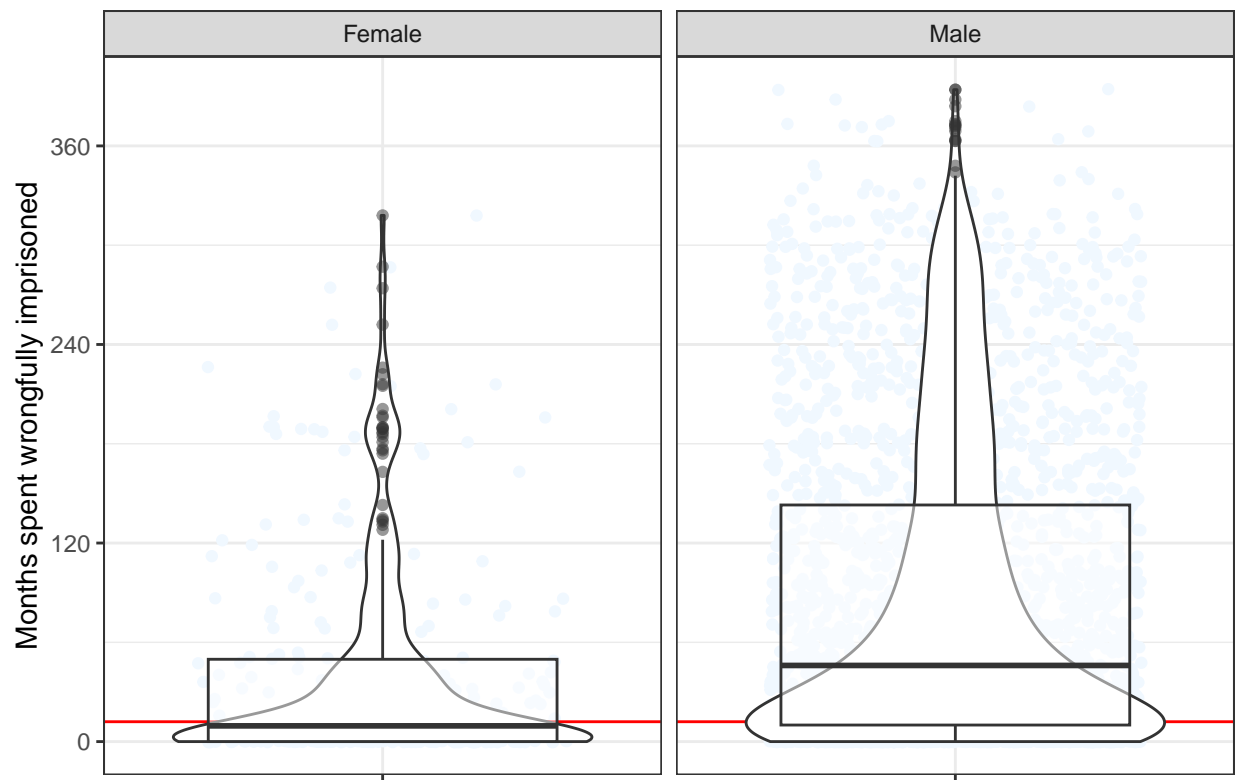
Create a tables of distributions across types of offense.

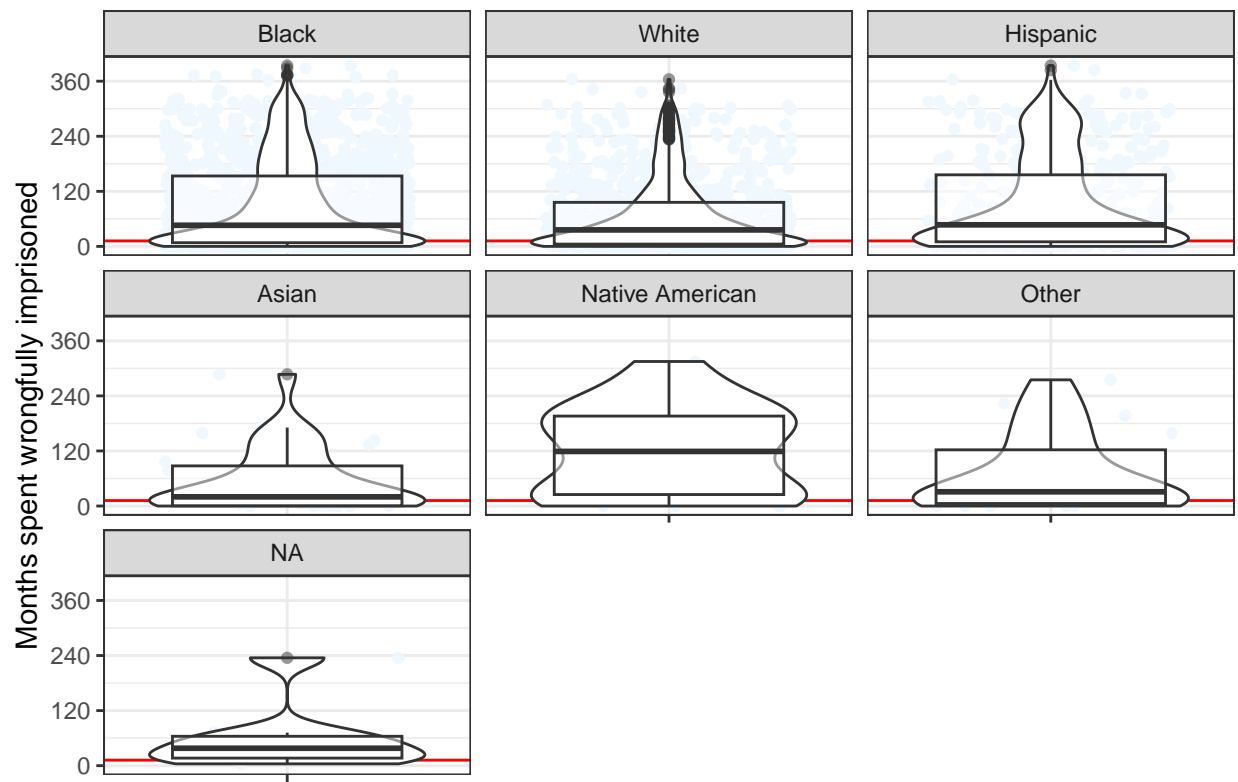
Distribution Graphs

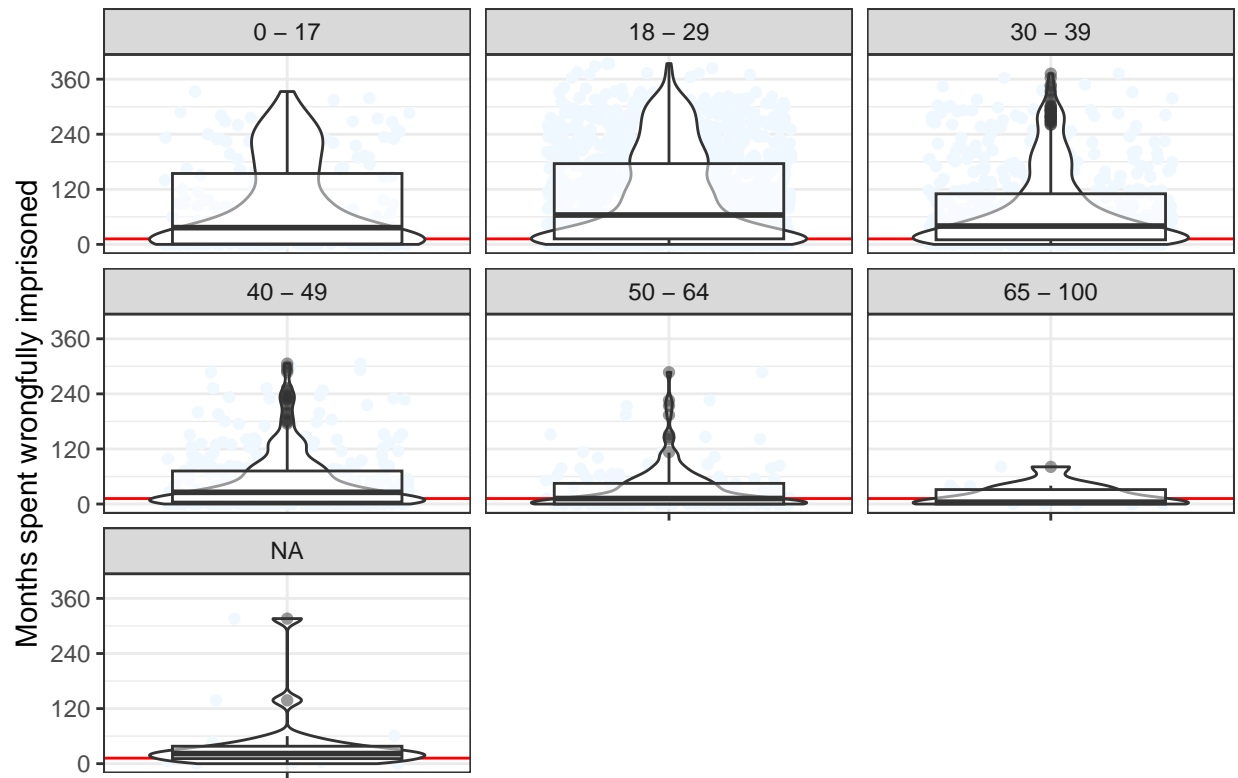
First, we want to verify that, when interested in time spent wrongly imprisoned, the categories of Sex, Race, and Age are distinct groups. As we do so, we will describe how the distribution of time spent wrongly imprisoned for one group compares to its counterpart(s).

Note that time is measured here in months.









Race, adjusting for Crime

Sample size table

```
## # A tibble: 7 x 2
```

```
##   Race      n
##   <fct>    <int>
## 1 Black    1415
## 2 White     785
## 3 Hispanic  373
## 4 Asian     27
## 5 Native American 21
## 6 Other     19
## 7 <NA>       7
```

```
## # A tibble: 45 x 2
```

```
##   Worst.Crime.Display      n
##   <chr>                <int>
## 1 Murder                875
## 2 Drug Possession or Sale 604
## 3 Child Sex Abuse        228
## 4 Sexual Assault         195
## 5 Robbery                142
## 6 Assault                98
```

```
## 7 Attempted Murder          75
## 8 Weapon Possession or Sale 69
## 9 Manslaughter             54
## 10 Fraud                   42
## # i 35 more rows
```

7 observations missing 'Race' have been removed. To include these observations, use 'forcats::fct_na'.

Time served table

Table 1: Years spent incarcerated and convicted by all exonerees

Offense	Incarcerated	Convicted
Murder	10979	12071
Child Sex Abuse	1504	2077
Sexual Assault	1480	1865
Robbery	789	1080
Attempted Murder	606	744
Drug Possession or Sale	546	4018
Assault	227	403
Manslaughter	207	359
Kidnapping	153	184
Weapon Possession or Sale	126	264
Attempt, Violent	63	120
Arson	62	111
Burglary/Unlawful Entry	55	81
Sex Offender Registration	54	139
Child Abuse	43	68
Other Nonviolent Felony	34	127
Supporting Terrorism	29	29
Other Violent Felony	28	56
Fraud	20	185
Theft	19	62
Traffic Offense	14	24
Possession of Stolen Property	10	15
Immigration	7	12
Solicitation	6	10
Threats	6	37
Obstruction of Justice	4	10
Accessory to Murder	3	11
Dependent Adult Abuse	3	3
Forgery	3	5
Stalking	3	6
Conspiracy	2	28
Other Violent Misdemeanor	1	18
Attempt, Nonviolent	0	8
Bribery	0	6
Destruction of Property	0	2
Failure to Pay Child Support	0	7
Filing a False Report	0	6
Harassment	0	0
Menacing	0	3

Offense	Incarcerated	Convicted
Military Justice Offense	0	7
Official Misconduct	0	7
Other	0	2
Other Nonviolent Misdemeanor	0	25
Perjury	0	14
Tax Evasion/Fraud	0	9

Table 2: Years spent incarcerated and convicted by Black exonerees

Offense	Incarcerated	Convicted
Murder	6708	7348
Sexual Assault	837	1055
Robbery	549	773
Child Sex Abuse	543	680
Drug Possession or Sale	377	3620
Attempted Murder	332	406
Kidnapping	140	164
Assault	108	173
Manslaughter	78	134
Weapon Possession or Sale	73	172
Attempt, Violent	49	93
Other Violent Felony	19	22
Other Nonviolent Felony	15	67
Burglary/Unlawful Entry	13	19
Child Abuse	10	13
Sex Offender Registration	10	43
Arson	8	13
Theft	7	20
Accessory to Murder	3	11
Stalking	3	5
Forgery	2	4
Fraud	2	13
Conspiracy	1	7
Attempt, Nonviolent	0	8
Destruction of Property	0	1
Failure to Pay Child Support	0	7
Menacing	0	0
Military Justice Offense	0	7
Other Nonviolent Misdemeanor	0	7
Other Violent Misdemeanor	0	1
Perjury	0	1
Possession of Stolen Property	0	0

Table 3: Years spent incarcerated and convicted by white exonerees

Offense	Incarcerated	Convicted
Murder	2190	2434
Child Sex Abuse	750	1097
Sexual Assault	473	586

Offense	Incarcerated	Convicted
Robbery	99	135
Manslaughter	93	153
Assault	65	148
Drug Possession or Sale	64	207
Attempted Murder	59	78
Arson	53	78
Burglary/Unlawful Entry	33	40
Child Abuse	33	54
Sex Offender Registration	31	77
Other Nonviolent Felony	19	47
Fraud	16	151
Weapon Possession or Sale	14	28
Theft	12	42
Possession of Stolen Property	10	15
Attempt, Violent	8	21
Other Violent Felony	6	20
Solicitation	6	6
Threats	6	32
Kidnapping	4	8
Obstruction of Justice	4	10
Dependent Adult Abuse	3	3
Forgery	1	1
Other Violent Misdemeanor	1	15
Traffic Offense	1	4
Bribery	0	5
Conspiracy	0	3
Destruction of Property	0	1
Menacing	0	3
Official Misconduct	0	7
Other Nonviolent Misdemeanor	0	11
Perjury	0	13
Stalking	0	1
Tax Evasion/Fraud	0	9

Table 4: Years spent incarcerated and convicted by Hispanic ex-onerees

Offense	Incarcerated	Convicted
Murder	1841	2043
Child Sex Abuse	192	259
Attempted Murder	180	221
Sexual Assault	133	177
Robbery	118	149
Drug Possession or Sale	94	172
Assault	48	75
Manslaughter	34	44
Weapon Possession or Sale	17	40
Sex Offender Registration	10	13
Traffic Offense	10	13
Burglary/Unlawful Entry	9	22
Immigration	7	12

Offense	Incarcerated	Convicted
Arson	1	18
Bribery	0	1
Child Abuse	0	0
Conspiracy	0	17
Filing a False Report	0	6
Fraud	0	4
Other Nonviolent Felony	0	13
Other Nonviolent Misdemeanor	0	4
Other Violent Misdemeanor	0	2
Solicitation	0	4
Theft	0	0
Threats	0	5

Table 5: Years spent incarcerated and convicted by Asian exonerees

Offense	Incarcerated	Convicted
Murder	44	47
Supporting Terrorism	27	27
Attempted Murder	22	24
Attempt, Violent	6	6
Child Sex Abuse	5	11
Other Violent Felony	3	3
Sex Offender Registration	3	6
Manslaughter	2	2
Fraud	1	9
Drug Possession or Sale	0	3
Other Nonviolent Felony	0	0
Other Nonviolent Misdemeanor	0	3
Weapon Possession or Sale	0	0

Table 6: Years spent incarcerated and convicted by Native American exonerees

Offense	Incarcerated	Convicted
Murder	146	148
Sexual Assault	14	22
Attempted Murder	13	15
Child Sex Abuse	11	27
Robbery	10	10
Traffic Offense	3	4
Assault	2	2
Child Abuse	0	1
Drug Possession or Sale	0	0
Harassment	0	0
Manslaughter	0	3
Other	0	2

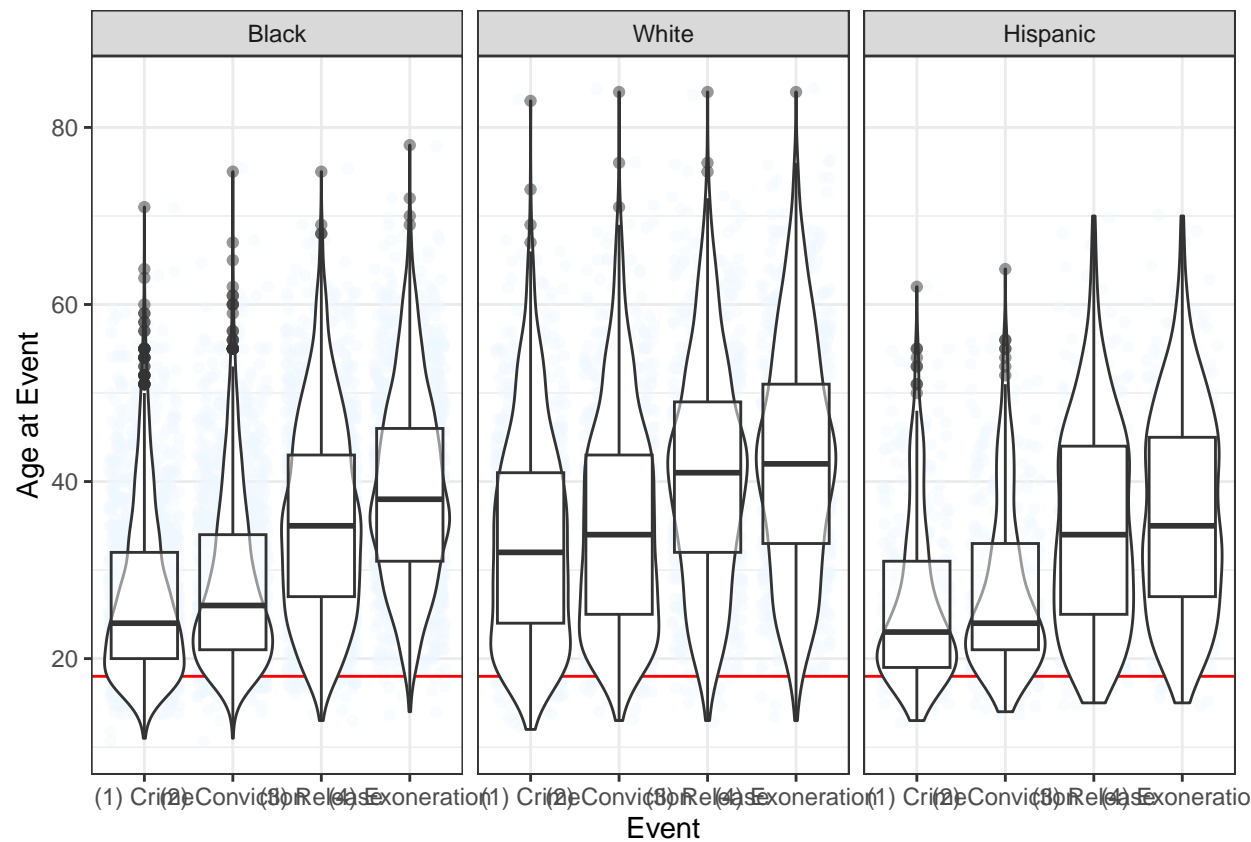
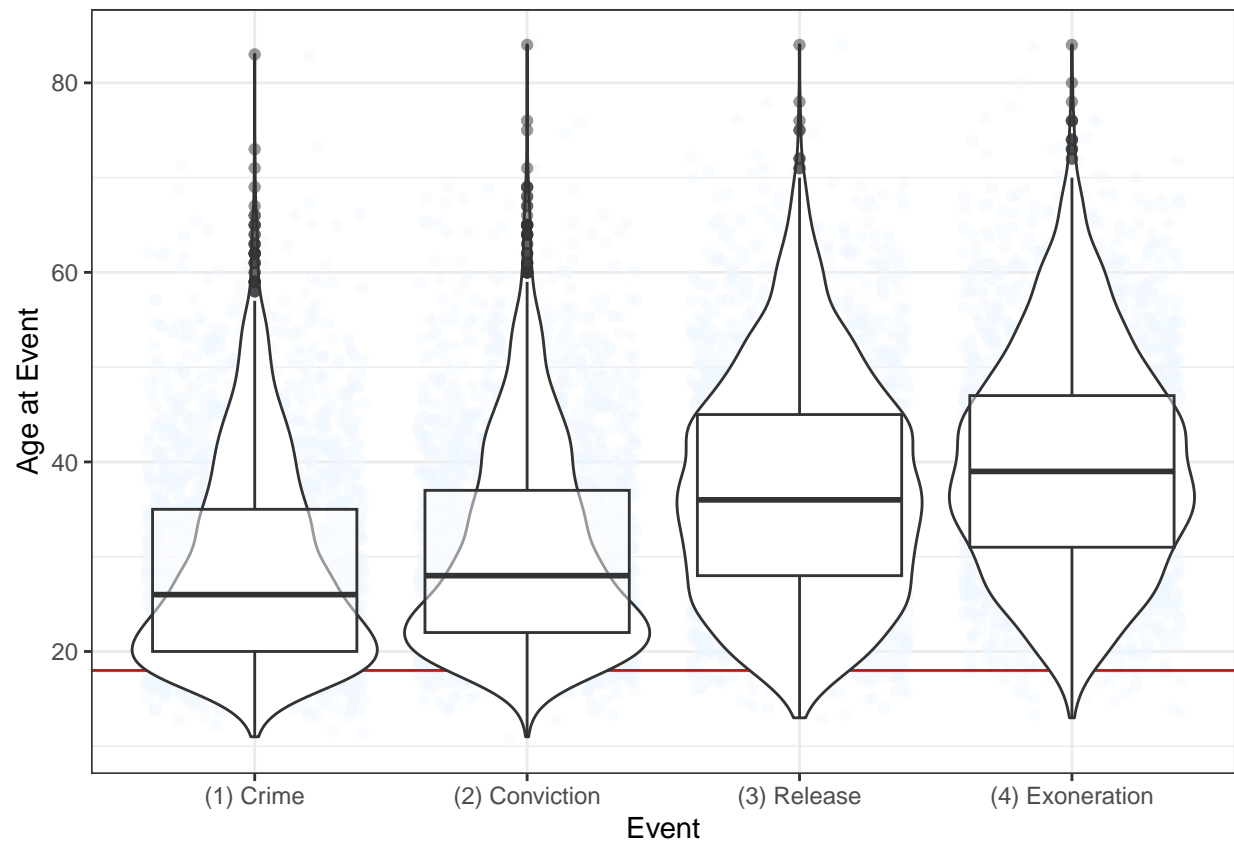
Table 7: Years spent incarcerated and convicted by exonerees who are not Black, white, Hispanic, Asian, or Native American

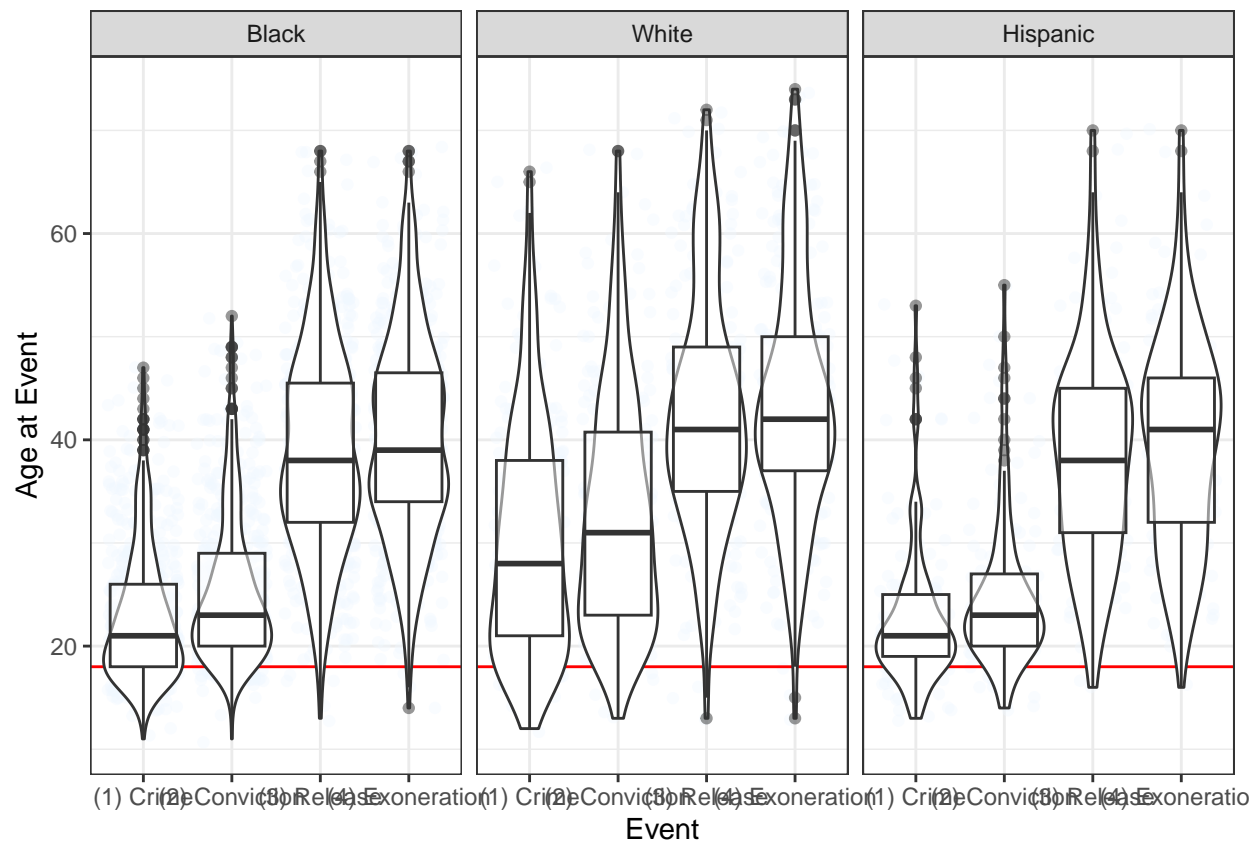
Offense	Incarcerated	Convicted
Murder	50	51
Sexual Assault	23	25
Robbery	13	13
Kidnapping	9	12
Assault	4	5
Child Sex Abuse	3	3
Supporting Terrorism	2	2
Fraud	1	8
Arson	0	2
Drug Possession or Sale	0	1
Manslaughter	0	23
Traffic Offense	0	3

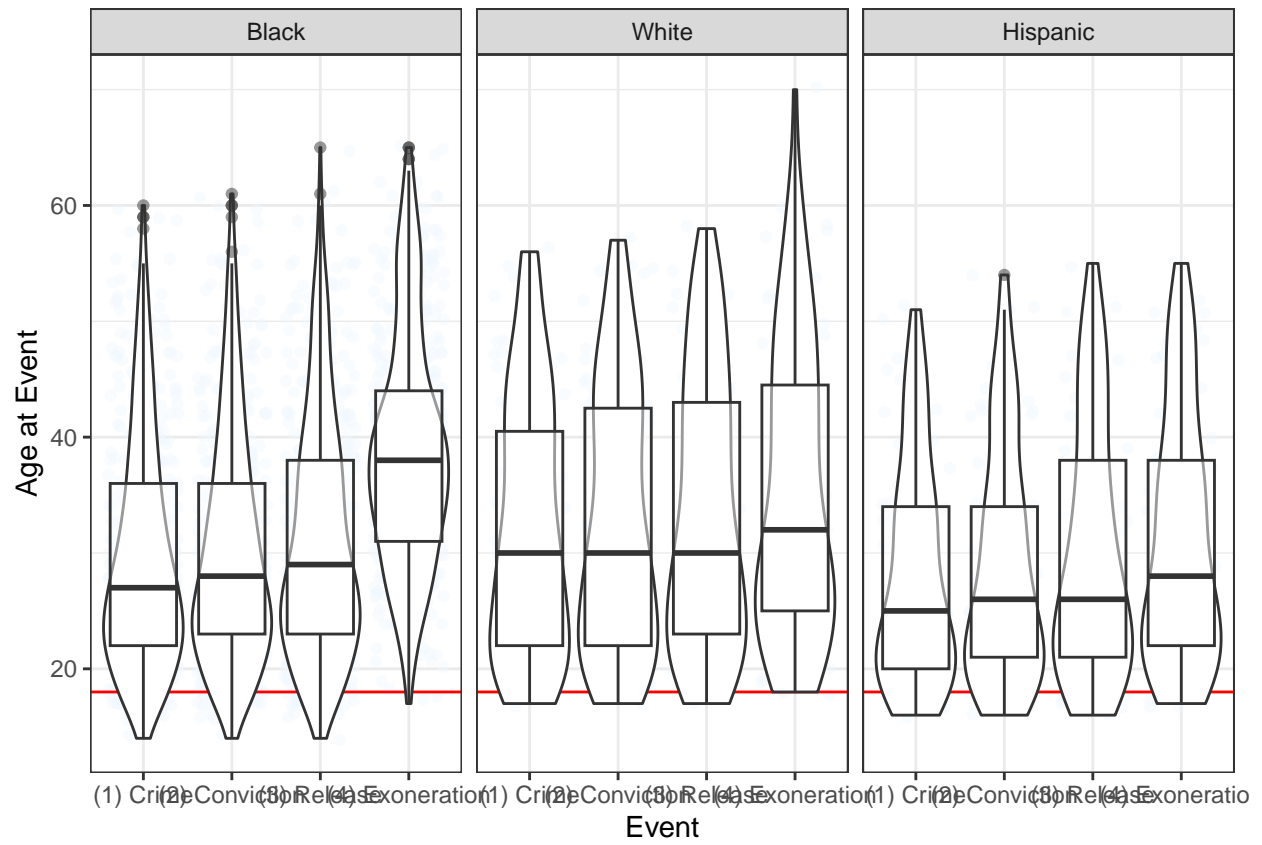
Table 8: Years spent incarcerated and convicted by exonerees of unknown race

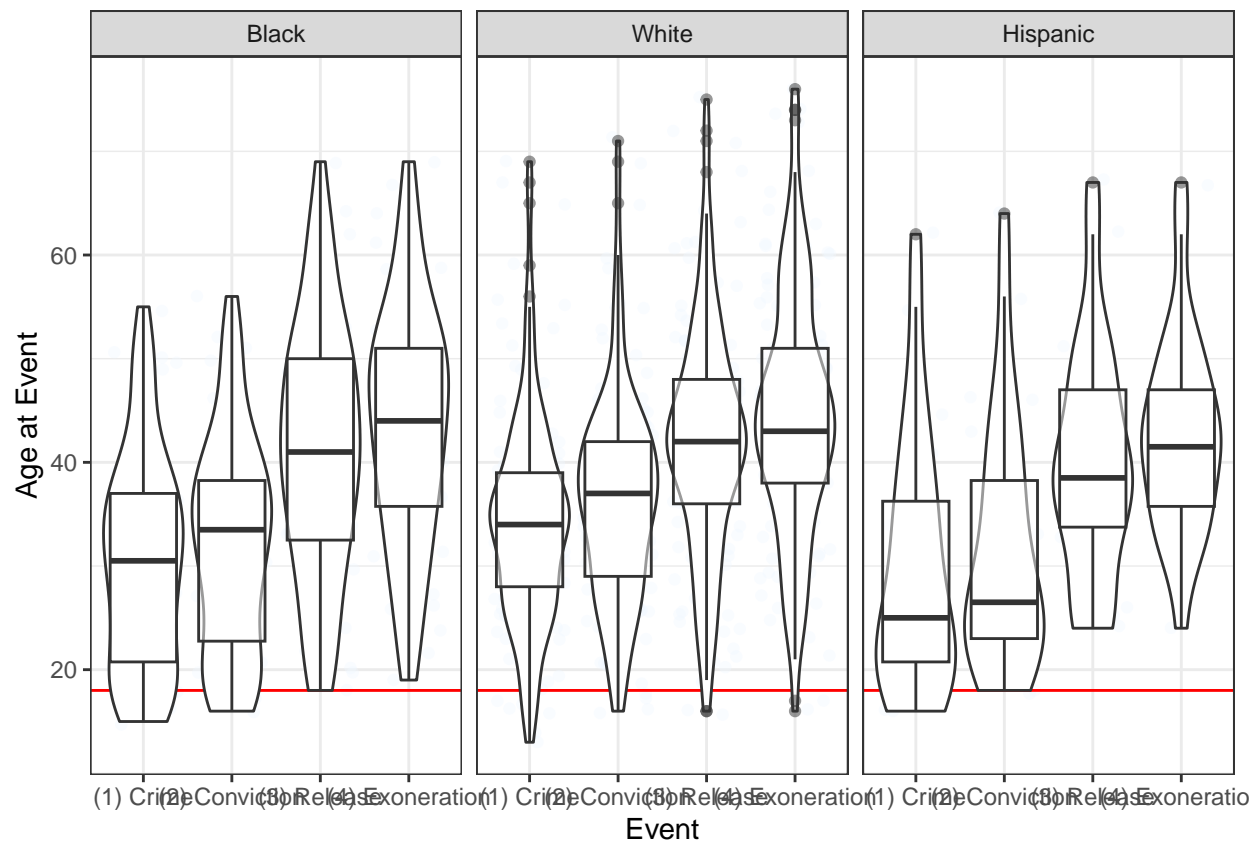
Offense	Incarcerated	Convicted
Weapon Possession or Sale	22	24
Drug Possession or Sale	11	15
Conspiracy	1	1
Other Violent Felony	0	11

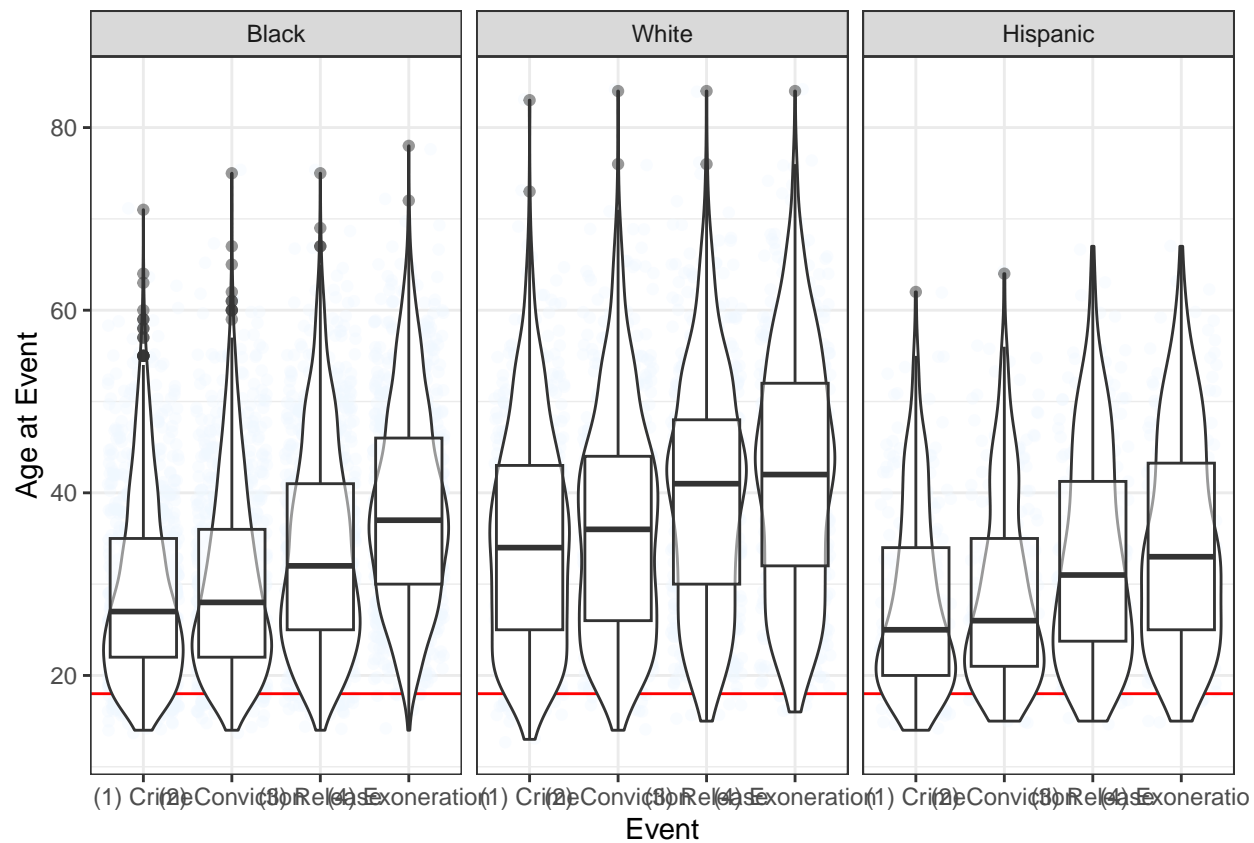
Age distributions









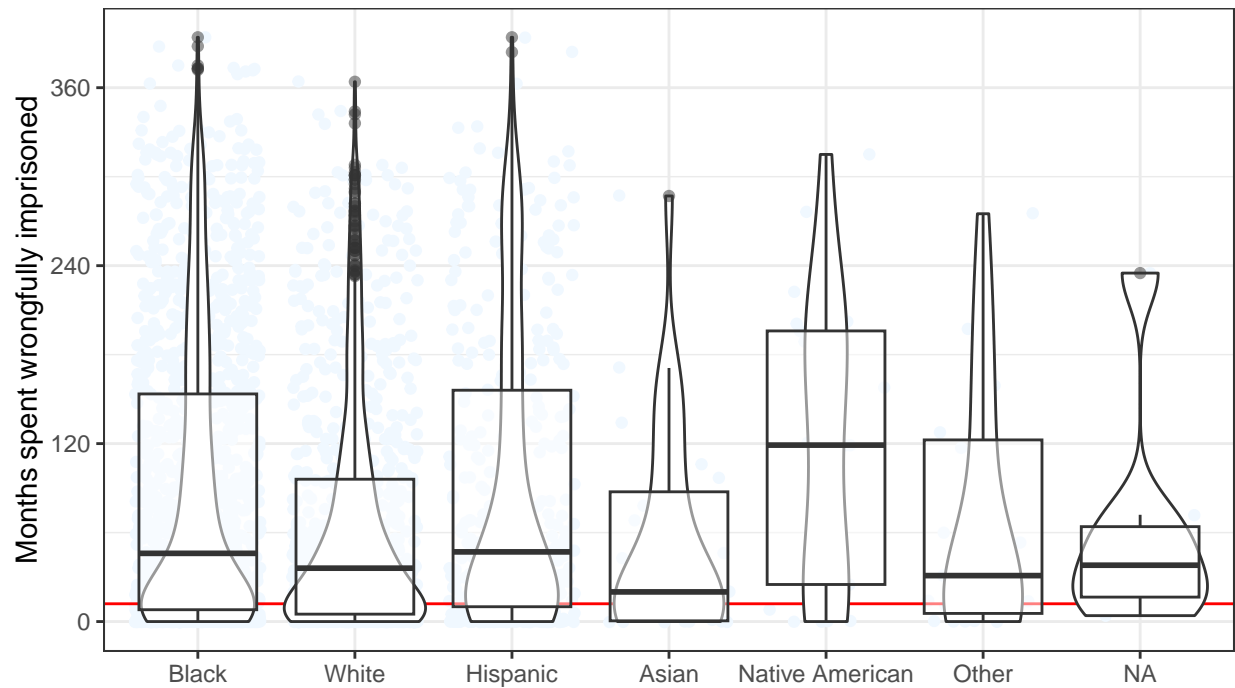


Longitudinal plots

Distributions of time spent convicted and incarcerated

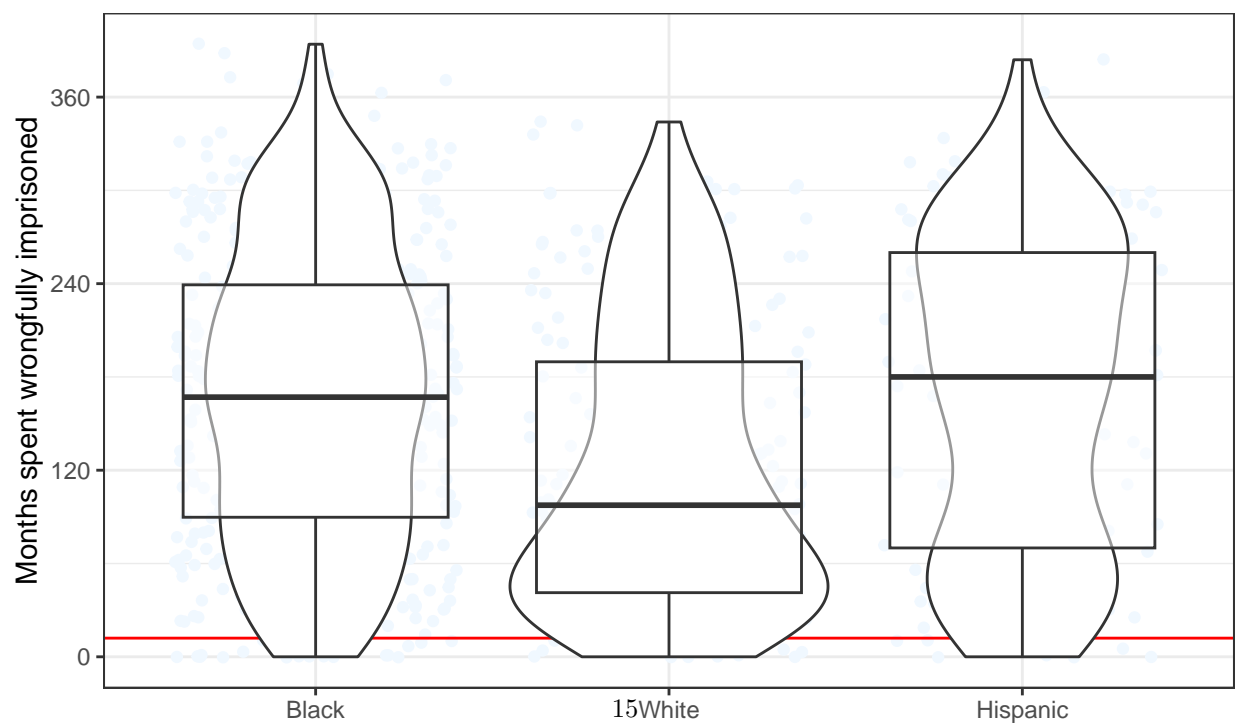
Time spent incarcerated by exonerees

Black: 1415 (53%); White: 785 (29%); Hispanic: 373 (14%);
Asian: 27 (1%); Native American: 21 (0%); Other: 19 (0%); NA: 7 (0%)



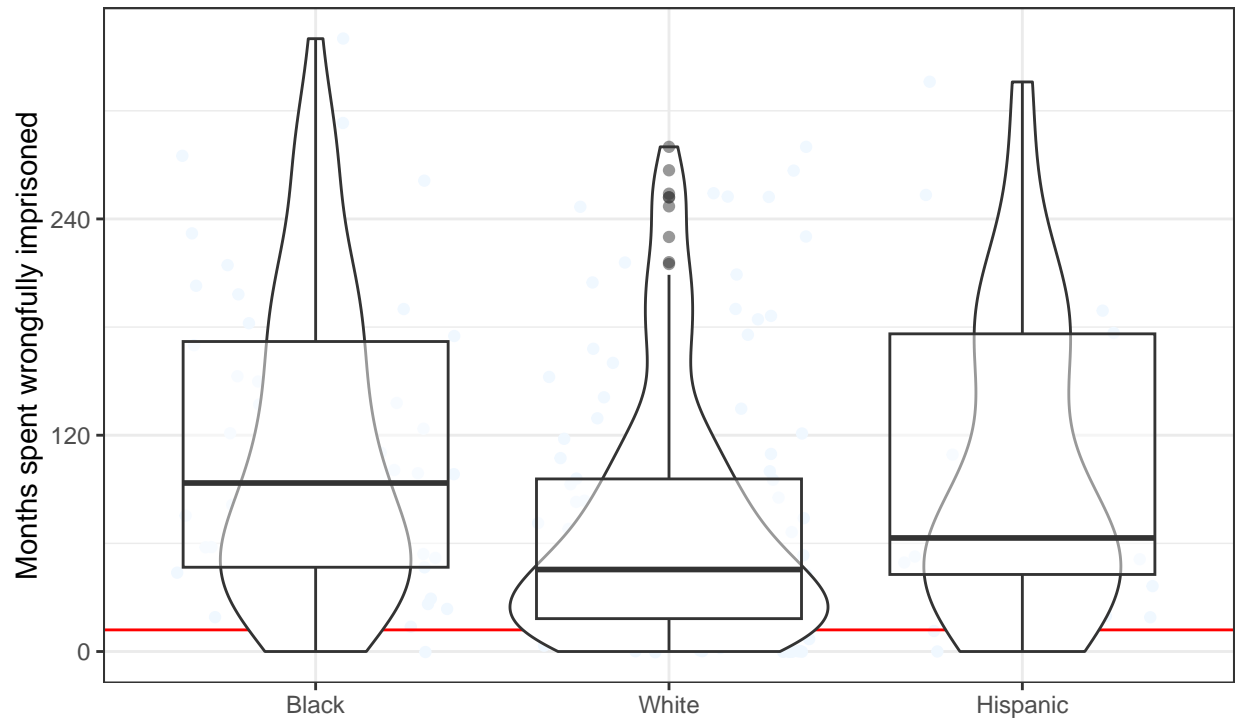
Time spent incarcerated by exonerees of Murder convictions

Black: 496 (57%); White: 226 (26%); Hispanic: 137 (15%)



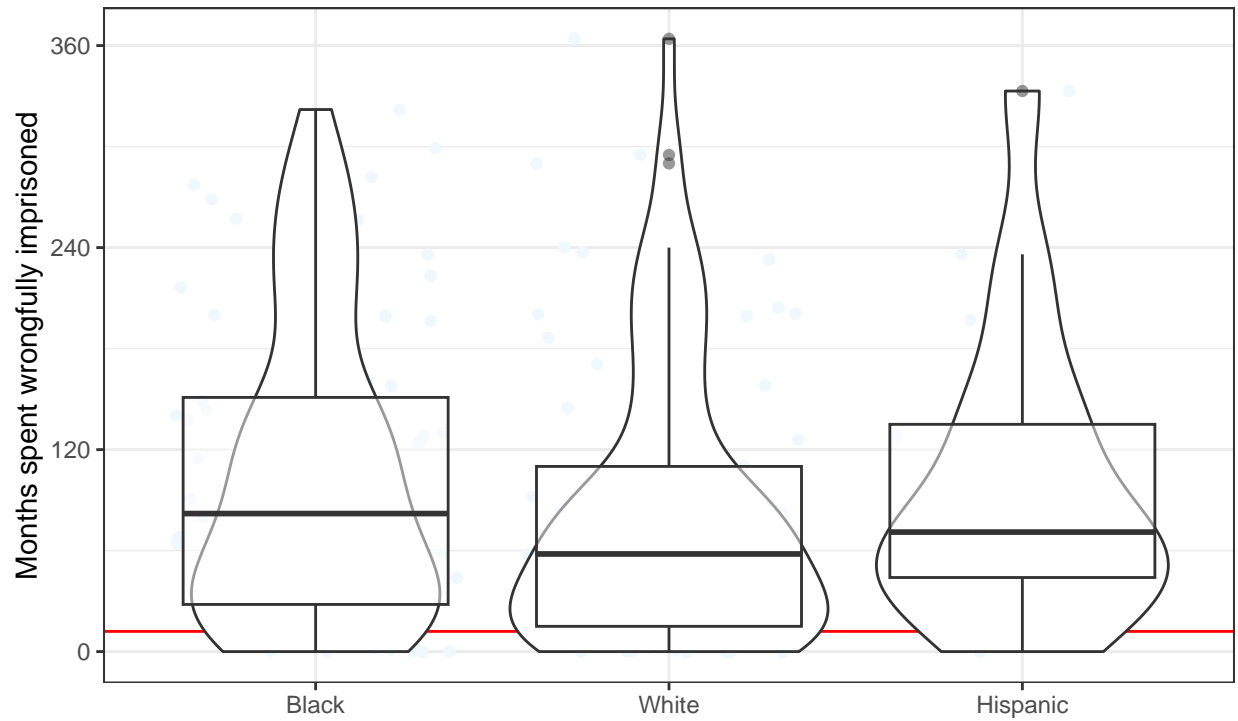
Time spent incarcerated by exonerees of Child Sex Abuse convictions

Black: 60 (27%); White: 138 (62%); Hispanic: 24 (10%)



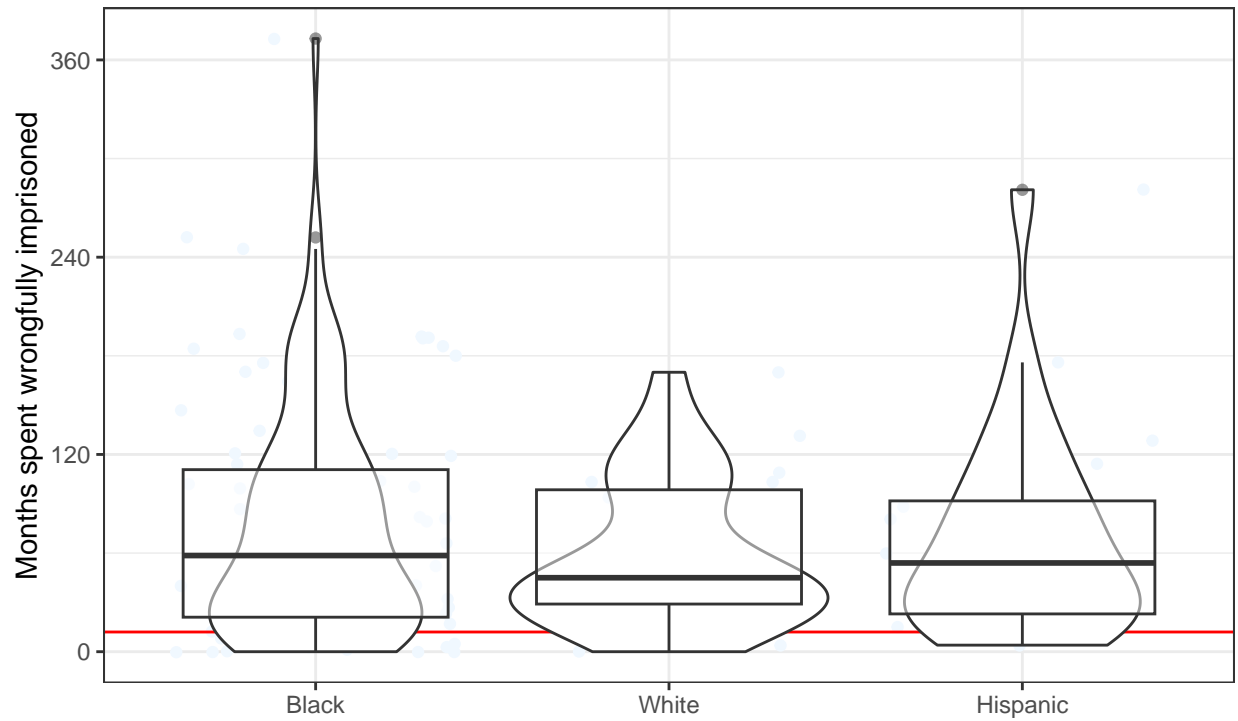
Time spent incarcerated by exonerees of Sexual Assault convictions

Black: 101 (52%); White: 73 (38%); Hispanic: 17 (8%)



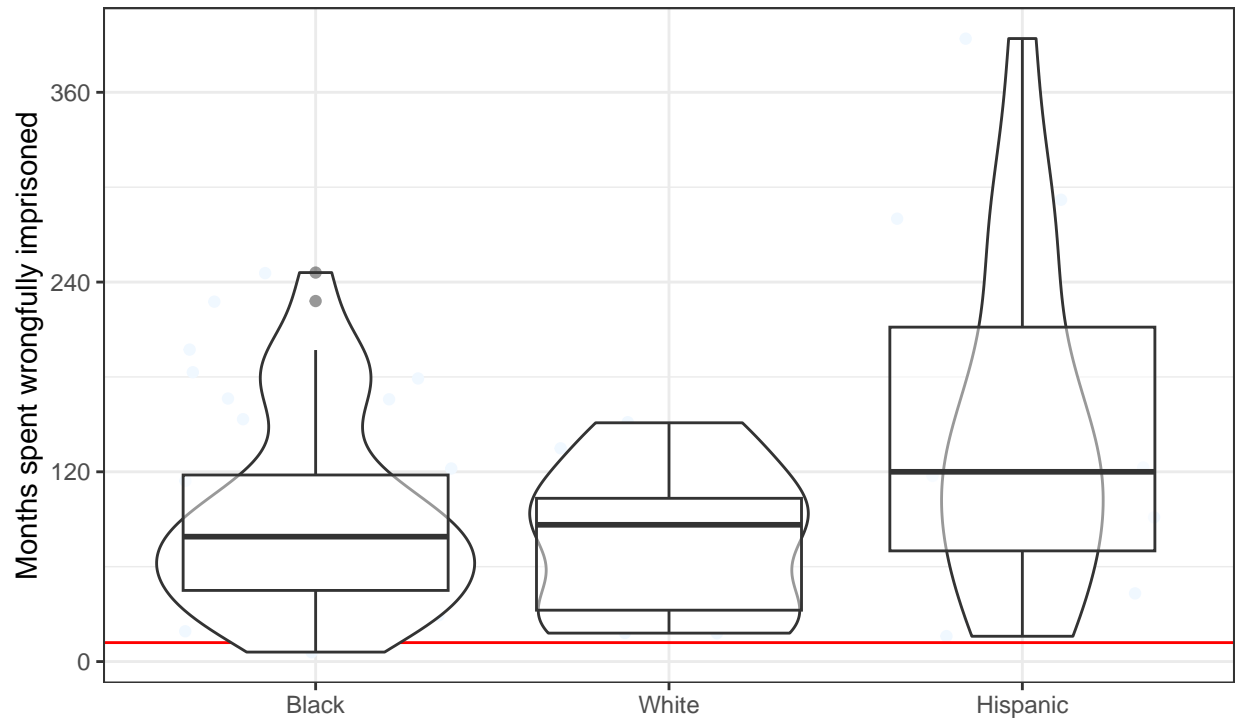
Time spent incarcerated by exonerees of Robbery convictions

Black: 94 (67%); White: 23 (16%); Hispanic: 22 (15%)

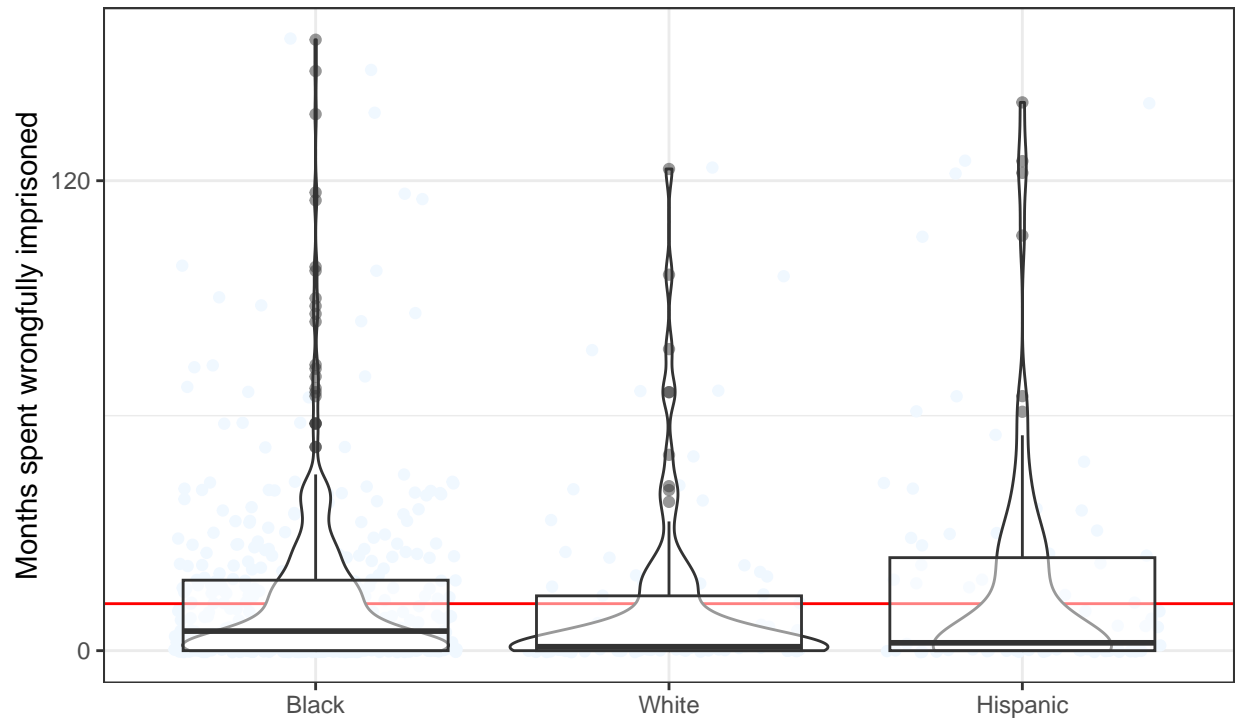


Time spent incarcerated by exonerees of Attempted Murder convictions

Black: 47 (65%); White: 10 (13%); Hispanic: 15 (20%)

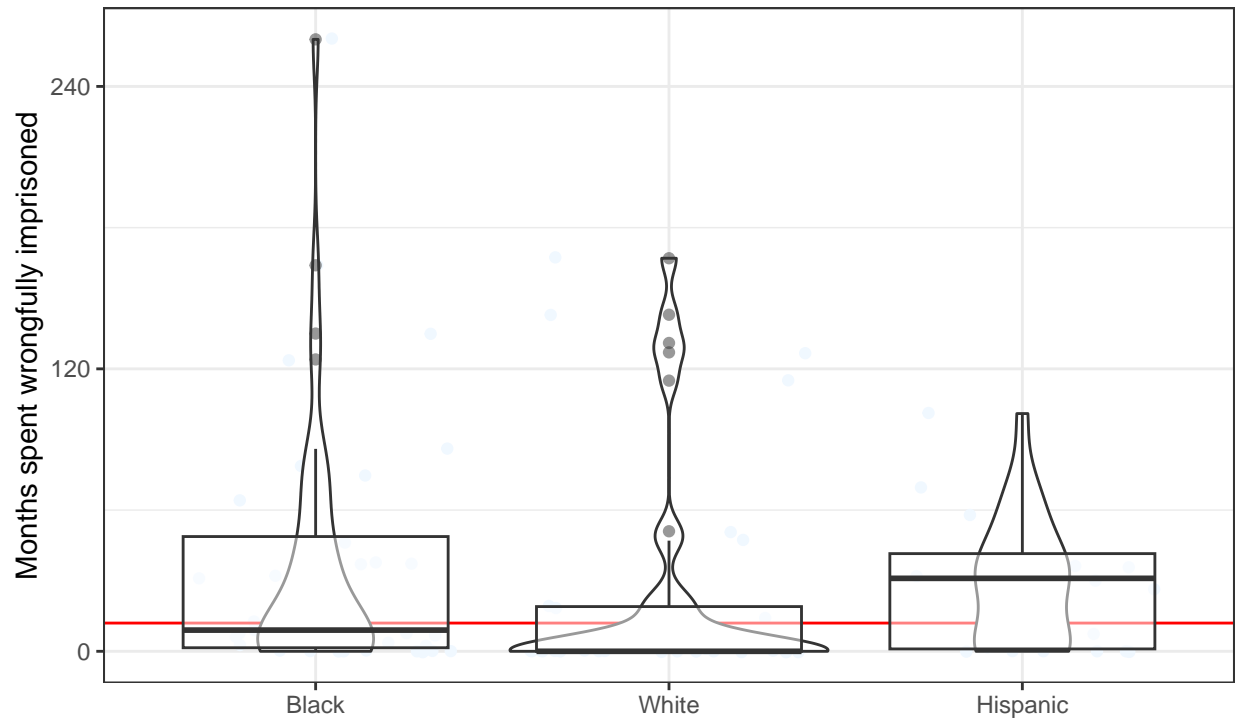


Time spent incarcerated by exonerees of Drug Possession or Sale conviction
Black: 433 (72%); White: 85 (14%); Hispanic: 78 (13%)



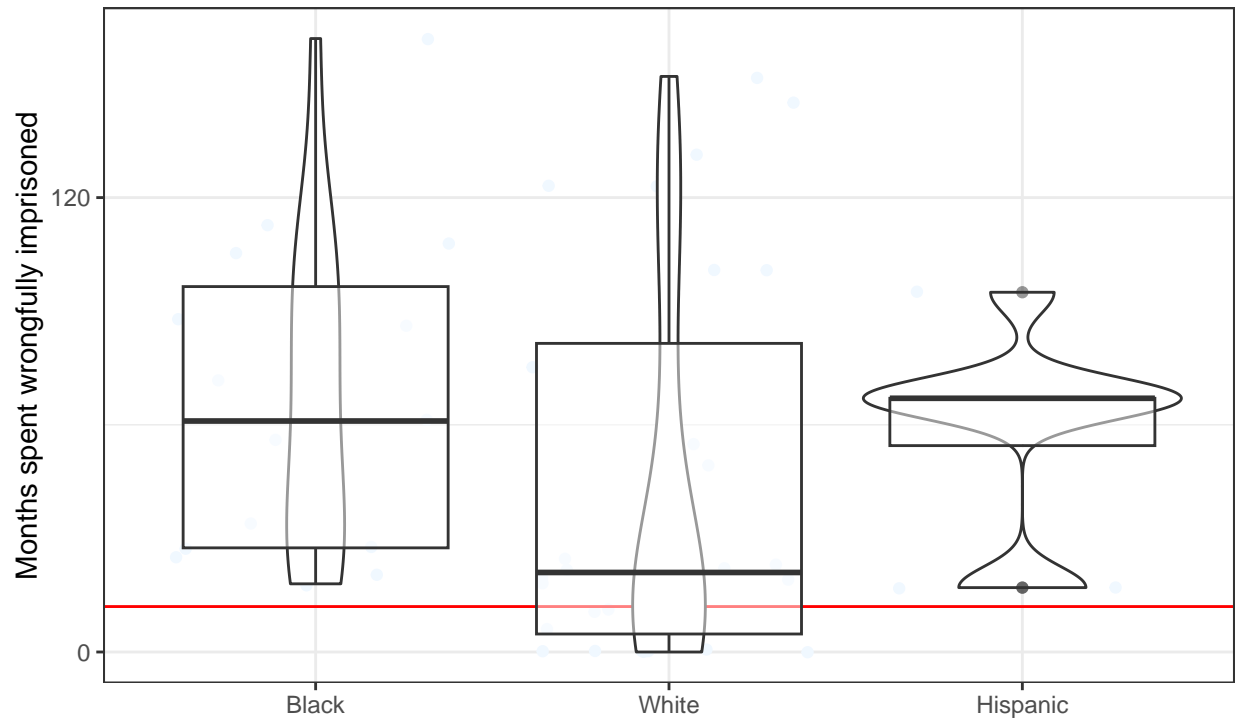
Time spent incarcerated by exonerees of Assault convictions

Black: 40 (41%); White: 33 (34%); Hispanic: 23 (23%)



Time spent incarcerated by exonerees of Manslaughter convictions

Black: 15 (29%); White: 28 (54%); Hispanic: 8 (15%)



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