Supplemental Appendix A1
Probit Model: propensity score calculation for PSM analysis

Terminated	1-year (n=807)	2-year (n=802)	3-year (n=710)
Graduated (reference)	β	β	β
Offender Age	-.0059694 (.0053893)	-.0060212 (.0053922)	-.0068119 (.0056891)
Female	-.0150741 (.101884)	-.01255 (.1019255)	.0311731 (.1076739)
Nonwhite	.2328114* (.1068413)	.2252173* (.1070673)	.2092489 (.1117045)
Hazardous Drug (DOC)	.138213 (.1002315)	.139811 (.100277)	.1216642 (.1060419)
Possession Conviction	.2812386* (.0988485)	.2880816* (.0990233)	.2870309* (.1048197)
Misdemeanor Crim. History	.031869 (.0198105)	.0327363 (.0198365)	.0288992 (.020941)
Felony Criminal History	.0289993 (.1093954)	.0335759 (.1093842)	.0884056 (.1176919)
No Diploma (Education)	.6734631** (.1124116)	..6512167** (.1132605)	.6765142** (.1192374)
Positive Drug Screens	-.0513583 (.0326617)	-.0501525 (.0329429)	-.0482134 (.034675)
Total Violations	.0482679** (.0121201)	.0463562** (.0122997)	.0477547** (.013043)
Constant	-.8525447** (.1911719)	-.8473602** (.1913945)	-.7844714** (.202137)

Note. Standard errors are in parentheses.
*p < .05. **p < .001

Supplemental Appendix A2
Multinomial Probit Model: 1-year follow-up propensity score calculation

Case Outcome	Prison	Jail	Probation
Dismissed (reference)			
n = 807	β	β	β
Offender Age	-.2676426* (.1054881)	.0352324 (.117476)	-.0935756 (.1120738)
Female	-.147527 (.1647152)	-.1237833 (.1900085)	.2472853 (.1796608)
Nonwhite	.3422785* (.1670896)	.1711202 (.2090108)	.2395401 (.1909069)
Hazardous Drug (DOC)	.2956343 (.1607351)	.0240656 (.1901383)	.1440795 (.1801434)
Possession Conviction	.1065128 (.1547065)	1.371538** (.242117)	.114018 (.1769721)
Misdemeanor Crim. History	.2402326* (.086603)	.0823607 (.1065325)	.0155904 (.100346)
Felony Criminal History	.3600307 (.195625)	-.0538249 (.2455699)	-.155904 (.2562936)
No Diploma (Education)	.920124** (.1700089)	.8805342** (.2042024)	.6550174** (.1995055)
Positive Drug Screens	.0498284 (.115107)	-.2085441 (.1391879)	.043529 (.1300693)
Total Violations	.239254* (.0916222)	.1754307 (.1078659)	.128783 (.1029974)
Constant	-.9190191 (.5933446)	-3.116086** (.70486)	-1.649721* (.6501643)

Note. Standard errors are in parentheses.
*p < .05. **p < .001

Supplemental Appendix A3
Multinomial Probit Model: 2-year follow-up propensity score calculation

Case Outcome	Prison	Jail	Probation
Dismissed (reference)			
$n = 802$	β	β	β
Offender Age	-.2682697* (.105622)	.031344 (.1176238)	-.0938995 (.1121083)
Female	-.133476 (.1648045)	-.1429986 (.1909113)	.2482401 (.179778)
Nonwhite	.3228493 (.1678082)	.1692004 (.2092197)	.2382459 (.1910781)
Hazardous Drug (DOC)	.3002096 (.1609376)	.0179452 (.1904089)	.1445118 (.1801572)
Possession Conviction	.1259118 (.1553457)	1.364393** (.2422009)	.1144683 (.1770888)
Misdemeanor Crim. History	.2433251* (.0869655)	.093707 (.1068274)	.0156564 (.1004886)
Felony Criminal History	.3731555 (.1955784)	-.0477804 (.2456418)	-.1602208 (.2563748)
No Diploma (Education)	.8717205** (.1720799)	.8425929** (.2061568)	.6554741** (.2003925)
Positive Drug Screens	.05586 (.1162841)	-.1839559 (.1406282)	.0428738 (.1307354)
Total Violations	.2235293* (.0930944)	.1423178 (.1104936)	.1315845 (.1042383)
Constant	-.9022133 (.594398)	-3.039231** (.7052059)	-1.654603* (.6508296)

Note. Standard errors are in parentheses.
$*p < .05. **p < .001$

Supplemental Appendix A4
Multinomial Probit Model: 3-year follow-up propensity score calculation

Case Outcome	Prison	Jail	Probation
Dismissed (reference)			
$n = 710$	β	β	β
Offender Age	-.232202* (.1098447)	-.0110486 (.1237045)	-.1012517 (.116084)
Female	-.1151398 (.1747934)	-.0636515 (.1992276)	.3243627 (.1872369)
Nonwhite	.3352909 (.1753662)	.0937293 (.2173564)	.2377925 (.1968827)
Hazardous Drug (DOC)	.3120589 (.1704627)	-.0517034 (.1990412)	.0991219 (.1878882)
Possession Conviction	.0529542 (.1646421)	1.377517** (.2495031)	.1643771 (.1863297)
Misdemeanor Crim. History	.2153541* (.0915637)	.1100368 (.1120509)	-.0146657 (.1043971)
Felony Criminal History	.5153663* (.2080793)	-.1134218 (.2764058)	-.0519582 (.2696198)
No Diploma (Education)	.9350053** (.1806834)	.8339085** (.2152306)	.6823407** (.2078431)
Positive Drug Screens	.0498661 (.1241604)	-.2288147 (.1492169)	.0518676 (.1381491)
Total Violations	.2085858* (.0991588)	.1936306 (.1162807)	.163778 (.1093448)
Constant	-.9874845 (.6204359)	-2.77371** (.7336252)	-1.637781* (.6769485)

Note. Standard errors are in parentheses.
*p < .05. **p < .001

Supplemental Appendix B1
Comparison between Unmatched v. Matched Samples

	Successful v. Terminated (1-year recidivism)						% reduction bias
	Unmatched Samples (*n* = 807)			Matched Samples (*n* = 544)			
Terminated (treatment)	Mean		*t-stat*	Mean		*t-stat*	
	Treated	Control		Treated	Control		
Age	30.116	31.204	-1.60	30.601	30.082	.61	52.4
Female	.33119	.33065	.02	.3346	.30928	.57	-4550.2
Nonwhite	.36977	.26815	3.06*	.31559	.32474	-.21	91.0
Hazardous Drug	.52733	.48387	1.20	.53232	.58763	-1.18	-27.3
Possession Charge	.66559	.54839	3.32**	.63878	.71649	-1.75	33.7
No Diploma	.34727	.13911	7.16**	.26236	.34536	-1.75	60.1
Mis. Criminal History	2.3762	1.9899	2.18*	2.2852	2.366	-.33	79.1
Fel. Criminal History	.17363	.14315	.97	.14829	.20103	-1.19	-73.0
Positive Drug Screens	1.7203	1.631	.71	1.7452	1.768	-.15	-74.4
Total Violations	6.8199	5.4315	4.12**	6.1749	6.7268	-1.26	60.3
	Successful v. Terminated (2-year recidivism)						
	Unmatched Samples (*n* = 802)			Matched Samples (*n* = 547)			
Age	30.203	31.204	-1.46	30.852	30.031	.93	18.0
Female	.33333	.33065	.08	.33333	.33161	.04	35.8
Nonwhite	.36601	.26815	2.93*	.31439	.34197	-.62	71.8
Hazardous Drug	.52941	.48387	1.25	.54167	.56477	-.49	49.3
Possession Charge	.66993	.54839	3.43**	.65152	.69948	-1.08	60.5
No Diploma	.3366	.13911	6.80**	.25379	.33679	-1.94	58.0
Mis. Criminal History	2.3922	1.9899	2.25*	2.2917	2.4352	-.57	64.3
Fel. Criminal History	.17647	.14315	1.05	.15152	.17098	-.45	41.6
Positive Drug Screens	1.7124	1.631	.65	1.7462	1.8497	-.64	-27.2
Total Violations	6.6732	5.4315	3.72**	6.197	6.9119	-1.65	42.4
	Successful v. Terminated (3-year recidivism)						
	Unmatched Samples (*n* = 710)			Matched Samples (*n* = 585)			
Age	30.269	31.366	-1.52	30.626	30.764	-.15	87.3
Female	.34266	.32783	.41	.34894	.36207	-.27	11.4
Nonwhite	.37762	.28066	2.73*	.33191	.37356	-.87	57.0
Hazardous Drug	.53147	.48585	1.19	.5234	.55172	-.57	37.9
Possession Charge	.66084	.53538	3.35**	.63404	.70115	-1.42	46.5
No Diploma	.35315	.14151	6.81**	.25532	.33908	-1.85	60.4
Mis. Criminal History	2.4231	2.0448	1.98*	2.2085	2.4253	-.88	42.7
Fel. Criminal History	.17832	.125	1.62	.14043	.18391	-1.02	18.5
Positive Drug Screens	1.7483	1.6698	.59	1.8255	2.023	-1.10	-151.7
Total Violations	6.549	5.316	3.51**	6.1489	6.6954	-1.17	55.7

Note. Asterisk denotes significant difference between means at *p* < .05

Supplemental Appendix B2
Comparison between Unweighted v. Weighted Samples (1-yr. window)

n = 807	Unweighted				Weighted			
	Dismiss	Probat	Jail	Prison	Dismiss	Probat	Jail	Prison
				Age				
Dismissed	---	---	---	---	---	---	---	---
Probation	-1.02	---	---	---	.01	---	---	---
Jail	.48	1.14	---	---	.12	.09	---	---
Prison	-2.33*	-.64	-1.95	---	-.61	-.39	-.42	---
				Female				
Dismissed	---	---	---	---	---	---	---	---
Probation	1.59	---	---	---	-.01	---	---	---
Jail	.20	-1.03	---	---	-.03	-.02	---	---
Prison	-1.18	-2.18*	-.96	---	-.08	-.11	-.06	---
				Nonwhite				
Dismissed	---	---	---	---	---	---	---	---
Probation	1.19	---	---	---	-.37	---	---	---
Jail	1.10	-.06	---	---	-1.92	-1.36	---	---
Prison	3.29*	1.10	-1.16	---	.09	.38	1.81	---
				Hazardous Drug				
Dismissed	---	---	---	---	---	---	---	---
Probation	.69	---	---	---	.08	---	---	---
Jail	.90	.17	---	---	1.16	.97	---	---
Prison	.84	.05	-.25	---	-.10	-.13	-1.12	---
				Possession Charge				
Dismissed	---	---	---	---	---	---	---	---
Probation	.68	---	---	---	.19	---	---	---
Jail	5.20*	4.33*	---	---	-.16	-.24	---	---
Prison	.69	-.15	-4.69*	---	.24	.00	.25	---
				No Diploma				
Dismissed	---	---	---	---	---	---	---	---
Probation	3.14*	---	---	---	-.21	---	---	---
Jail	4.50*	.97	---	---	-.37	-.18	---	---
Prison	6.27*	1.42	.30	---	.10	.26	.40	---
				Misdemeanor Criminal History				
Dismissed	---	---	---	---	---	---	---	---
Probation	-.24	---	---	---	.21	---	---	---
Jail	1.28	1.16	---	---	-1.08	-1.10	---	---
Prison	3.17*	2.31	.94	---	-.18	-.31	.91	---
				Felony Criminal History				
Dismissed	---	---	---	---	---	---	---	---
Probation	-.55	---	---	---	-.56	---	---	---
Jail	.31	.65	---	---	-.90	.813	---	---
Prison	2.31*	2.01*	1.24	---	-.01	.615	.81	---
				Positive Drug Screens				
Dismissed	---	---	---	---	---	---	---	---
Probation	1.32	---	---	---	.25	---	---	---
Jail	-.53	-1.41	---	---	-.61	-.67	---	---
Prison	2.63*	.58	2.19*	---	.03	-.19	.58	---
				Total Violations				
Dismissed	---	---	---	---	---	---	---	---
Probation	1.71	---	---	---	.11	---	---	---
Jail	.91	-.60	---	---	-.76	-.71	---	--
Prison	3.90*	1.07	1.75	---	-.05	-.13	.64	---

Supplemental Appendix B3
Comparison between Unweighted v. Weighted Samples (2-yr. window)

	Unweighted				Weighted			
n = 802	Dismiss	Probat	Jail	Prison	Dismiss	Probat	Jail	Prison
	Age							
Dismissed	---	---	---	---	---	---	---	---
Probation	-1.02	---	---	---	.02	---	---	---
Jail	.55	1,19	---	---	.11	.07	---	---
Prison	-2.16*	-.54	-1.91*	---	-.62	-.40	-.42	---
	Female							
Dismissed	---	---	---	---	---	---	---	---
Probation	1.59	---	---	---	.00	---	---	---
Jail	.05	-1.14	---	---	.01	.01	---	---
Prison	-1.00	-2.05*	-.71	---	-.20	-.15	-.12	---
	Nonwhite							
Dismissed	---	---	---	---	---	---	---	---
Probation	1.19	---	---	---	-.38	---	---	---
Jail	1.17	.00	---	---	-1.90	-1.33	---	---
Prison	3.06*	.97	.96	---	.16	.44	1.83	---
	Hazardous Drug							
Dismissed	---	---	---	---	---	---	---	---
Probation	.69	---	---	---	.08	---	---	---
Jail	.80	.10	---	---	1.16	.97	---	---
Prison	.98	.05	-.06	---	-.13	-.16	-1.14	---
	Possession Charge							
Dismissed	---	---	---	---	---	---	---	---
Probation	.68	---	---	---	.24	---	---	---
Jail	5.17*	4.30*	---	---	-.13	-.23	---	---
Prison	.87	-.02	-4.57*	---	.21	-.06	.21	---
	No Diploma							
Dismissed	---	---	---	---	---	---	---	---
Probation	3.14*	---	---	---	-.22	---	---	---
Jail	4.32*	.86	---	---	-.36	-.17	---	---
Prison	5.85*	1.18	.19	---	.15	.31	.43	---
	Misdemeanor Criminal History							
Dismissed	---	---	---	---	---	---	---	---
Probation	-.24	---	---	---	.27	---	---	---
Jail	1.43	1.28	---	---	-1.06	-1.11	---	---
Prison	3.22*	2.35*	.86	---	-.15	-.33	.90	---
	Felony Criminal History							
Dismissed	---	---	---	---	---	---	---	---
Probation	-.55	---	---	---	-.53	---	---	---
Jail	.35	.68	---	---	-.93	-.27	---	---
Prison	2.44*	2.10*	1.29	---	-.03	.47	.82	---
	Positive Drug Screens							
Dismissed	---	---	---	---	---	---	---	---
Probation	1.32	---	---	---	.27	---	---	---
Jail	-.54	-1.41	---	---	-.59	-.67	---	---
Prison	2.53*	.53	2.14*	---	.07	-.18	.58	---
	Total Violations							
Dismissed	---	---	---	---	---	---	---	---
Probation	1.72	---	---	---	.06	---	---	---
Jail	.57	-.86	---	---	-.63	-.56	---	--
Prison	3.58*	.87	1.84	---	-.01	-.06	.54	---

Note. All statistics are reported in t-stats and z-scores. Asterisk denotes significant difference between means at $p < .05$.

Supplemental Appendix B4
Comparison between Unweighted v. Weighted Samples (3-yr. window)

n = 710	Unweighted				Weighted			
	Dismiss	Probat	Jail	Prison	Dismiss	Probat	Jail	Prison
Age								
Dismissed	---	---	---	---	---	---	---	---
Probation	-1.09	---	---	---	.892	---	---	---
Jail	.09	.89	---	---	.709	.21	---	---
Prison	-1.85	-.30	-1.31	---	.657	-.40	-.58	---
Female								
Dismissed	---	---	---	---	---	---	---	---
Probation	1.87	---	---	---	-.08	---	---	---
Jail	.40	-1.08	---	---	-.31	-.23	---	---
Prison	-.93	-2.26	-.99	---	-.22	-.10	.16	---
Nonwhite								
Dismissed	---	---	---	---	---	---	---	---
Probation	1.16	---	---	---	-.26	---	---	---
Jail	.99	-.11	---	---	-1.83	-1.37	---	---
Prison	2.93*	.97	1.07	---	.19	.36	1.79	---
Hazardous Drug								
Dismissed	---	---	---	---	---	---	---	---
Probation	.55	---	---	---	.01	---	---	---
Jail	.55	.01	---	---	1.38	1.19	---	---
Prison	1.17	.32	.30	---	-.35	-.25	-1.45	---
Possession Charge								
Dismissed	---	---	---	---	---	---	---	---
Probation	1.03	---	---	---	.40	---	---	---
Jail	5.12*	4.06*	---	---	-.22	-.39	---	---
Prison	.60	-.51	-4.62*	---	.16	-.23	.27	---
No Diploma								
Dismissed	---	---	---	---	---	---	---	---
Probation	3.19*	---	---	---	-.22	---	---	---
Jail	4.19*	.76	---	---	-.31	-.14	---	---
Prison	6.01*	1.35	.48	---	.06	.24	.33	---
Misdemeanor Criminal History								
Dismissed	---	---	---	---	---	---	---	---
Probation	-.53	---	---	---	.24	---	---	---
Jail	1.45	1.52	---	---	-1.19	-1.22	---	---
Prison	2.97*	2.48*	.71	---	-.11	-.28	1.05	---
Felony Criminal History								
Dismissed	---	---	---	---	---	---	---	---
Probation	-.08	---	---	---	-.57	---	---	---
Jail	-.03	.04	---	---	-.88	-.27	---	---
Prison	3.43*	2.41*	2.57*	---	.10	.61	.90	---
Positive Drug Screens								
Dismissed	---	---	---	---	---	---	---	---
Probation	1.50	---	---	---	.24	---	---	---
Jail	-.53	-1.54	---	---	-.37	-.47	---	---
Prison	2.12*	.13	1.88	---	-.14	-.31	.26	---
Total Violations								
Dismissed	---	---	---	---	---	---	---	---
Probation	2.02*	---	---	---	.06	---	---	---
Jail	.83	-.89	---	---	-.77	-.69	---	--
Prison	3.00*	.28	1.28	---	-.14	-.15	.61	---

Note. All statistics are reported in t-stats and z-scores. Asterisk denotes significant difference between means at $p < .05$.