

Online Appendices for

“Custodial Parole Sanctions and Earnings after Release from Prison”

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Matching to Unemployment Insurance Records

To match parolees with their quarterly employment statuses, all social security numbers (SSN) available in MDOC databases for the 2003 parole cohort were sent to the Michigan Unemployment Insurance Agency and Workforce Development Agency for matching. In some cases, more than one SSN was available for each subject. For 11 individuals in the sample, MDOC had no SSN, so these individuals have no UI data and are removed from the dataset. Returned UI records were matched with names from MDOC databases, including aliases, to eliminate incorrect SSNs. Approximately five percent of the sample had no UI data match their SSN, indicating they never had any formal employment in Michigan between 1997 and 2010. If more than one SSN that MDOC had recorded for the same person matched records in the UI data, project staff selected the best match by comparing employer names listed in the UI records with those listed in the MDOC records (from parole agent reports). This procedure resulted in one-to-one matches of individual records between MDOC and UI records for more than 99% of sample members. For less than one percent of the sample, a single SSN could not be selected after matching on the parolee’s name and the name(s) of that person’s employer(s). In such cases, UI data were retained for all SSNs listed in the MDOC records for a given individual, under the assumption that such people worked under multiple SSNs.

Supplemental Tables

Appendix Table A1: Full Model Estimates from Table 3

	(1)	(2)	(3)	(4)	(5)
	Basic RE	Hybrid FE	M2 + time- varying	M3 + time interaction s	M4 + lagged DV
QUARTERLY DEVIATIONS FROM THE PERSON-MEAN					
Custody Variables					
Prison at Quarter t	-1.712*** (0.057)	-1.646*** (0.060)	-1.862*** (0.063)	-1.682*** (0.066)	-0.749*** (0.035)
Prison at Quarter $t-1$	-0.090 (0.086)	-0.033 (0.086)	-0.256** (0.086)	-0.097 (0.089)	0.574*** (0.075)
Prison at Quarter $t-2$	0.182* (0.091)	0.233* (0.090)	0.047 (0.090)	0.131 (0.090)	0.119 (0.073)
Prison at Quarter $t-3$	0.043 (0.090)	0.089 (0.089)	-0.076 (0.088)	-0.014 (0.087)	-0.017 (0.077)
STC at Quarter t	-0.730*** (0.043)	-0.674*** (0.045)	-0.655*** (0.046)	-0.603*** (0.046)	-0.386*** (0.032)
STC at Quarter $t-1$	-0.179*** (0.054)	-0.131* (0.054)	-0.176** (0.056)	-0.128* (0.056)	0.132** (0.044)
STC at Quarter $t-2$	-0.035 (0.060)	0.009 (0.061)	-0.090 (0.060)	-0.056 (0.060)	-0.012 (0.048)
STC at Quarter $t-3$	-0.074 (0.064)	-0.034 (0.064)	-0.109 (0.063)	-0.097 (0.063)	-0.121* (0.052)
Interaction Variables					
Prison at Quarter t *STC at Quarter $t-1$	0.177** (0.068)	0.135* (0.068)	0.424*** (0.070)	0.383*** (0.071)	-0.292*** (0.062)
Prison at Quarter t *STC at Quarter $t-2$	-0.153* (0.070)	-0.192** (0.070)	0.019 (0.071)	0.023 (0.071)	-0.165** (0.058)

Prison at Quarter t *STC at Quarter $t-3$	-0.153*	-0.186**	-0.057	-0.010	0.003
	(0.071)	(0.071)	(0.071)	(0.071)	(0.058)
STC at Quarter t * Prison at Quarter $t-1$	-0.056	-0.094	-0.042	-0.041	-0.218
	(0.130)	(0.130)	(0.129)	(0.130)	(0.124)
STC at Quarter t * Prison at Quarter $t-2$	-0.464***	-0.490***	-0.420***	-0.365**	-0.259*
	(0.128)	(0.128)	(0.127)	(0.126)	(0.119)
STC at Quarter t * Prison at Quarter $t-3$	-0.006	-0.032	0.036	0.057	0.064
	(0.143)	(0.143)	(0.142)	(0.141)	(0.132)
Time Variables					
Quarters Since Release	0.343***	0.337***	0.396***	0.597***	-0.051**
	(0.014)	(0.014)	(0.015)	(0.025)	(0.019)
Quarters Since Release Squared	-0.033***	-0.032***	-0.037***	-0.058***	0.002
	(0.001)	(0.001)	(0.002)	(0.003)	(0.002)
Quarters Since Release Cubed	0.001***	0.001***	0.001***	0.001***	-0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Time-Varying Variables					
Quarter 2 (April-June)			-0.077***	-0.074***	0.109***
			(0.019)	(0.019)	(0.022)
Quarter 3 (Jul-Sep)			0.138***	0.139***	0.192***
			(0.020)	(0.020)	(0.022)
Quarter 4 (Oct-Dec)			0.044*	0.050*	0.166***
			(0.021)	(0.021)	(0.023)
County Unemployment Rate (centered)			-0.095***	-0.093***	-0.024***
			(0.010)	(0.010)	(0.006)
Absconding Lag			-0.637***	-0.586***	-0.255***
			(0.042)	(0.041)	(0.030)
Positive Substance Abuse Lag			0.066	0.057	-0.067
			(0.050)	(0.050)	(0.043)
Arrest Lag			-0.038	-0.034	-0.104**
			(0.041)	(0.041)	(0.037)
Discharged			-0.597***	-0.566***	-0.337***
			(0.056)	(0.060)	(0.035)
Parole Violation Lag			0.015	0.006	-0.292***
			(0.034)	(0.034)	(0.032)
PERSON SPECIFIC MEANS					
Custody Variables					

Prison at Quarter t	-2.545*** (0.147)	-2.919*** (0.190)	-2.919*** (0.190)	-1.381*** (0.091)
Prison at Quarter $t-1$	-1.180 (2.267)	1.572 (2.294)	1.572 (2.294)	1.094 (1.116)
Prison at Quarter $t-2$	-2.501 (2.886)	-3.797 (2.872)	-3.796 (2.873)	-1.849 (1.395)
Prison at Quarter $t-3$	-2.131 (2.623)	-0.703 (2.636)	-0.703 (2.637)	-0.368 (1.269)
STC at Quarter t	-2.085*** (0.280)	-2.100*** (0.306)	-2.100*** (0.306)	-1.061*** (0.152)
STC at Quarter $t-1$	-1.433 (1.037)	0.789 (1.009)	0.789 (1.009)	0.501 (0.528)
STC at Quarter $t-2$	-2.115 (1.489)	-1.694 (1.439)	-1.694 (1.439)	-0.769 (0.754)
STC at Quarter $t-3$	-3.032 (1.710)	-3.686* (1.648)	-3.686* (1.648)	-2.108* (0.832)
Interaction Variables				
Prison at Quarter t *STC at Quarter $t-1$	0.834 (2.767)	-0.261 (2.865)	-0.260 (2.865)	-0.186 (1.351)
Prison at Quarter t *STC at Quarter $t-2$	3.865 (3.724)	2.850 (3.794)	2.850 (3.794)	1.472 (1.764)
Prison at Quarter t *STC at Quarter $t-3$	1.826 (2.908)	1.458 (2.849)	1.458 (2.849)	0.828 (1.306)
STC at Quarter t * Prison at Quarter $t-1$	5.097* (2.041)	5.025* (2.027)	5.025* (2.028)	2.211* (0.956)
STC at Quarter t * Prison at Quarter $t-2$	-0.455 (2.443)	-0.287 (2.542)	-0.287 (2.542)	0.105 (1.221)
STC at Quarter t * Prison at Quarter $t-3$	3.973 (2.167)	4.307* (2.166)	4.307* (2.167)	2.107* (1.036)
Time Variables				
Quarters Since Release	0.741** (0.276)	0.572* (0.285)	0.572* (0.285)	0.150 (0.270)
Quarters Since Release Squared	-0.090 (0.046)	-0.052 (0.045)	-0.052 (0.045)	-0.014 (0.037)
Quarters Since Release Cubed	0.003 (0.002)	0.001 (0.002)	0.001 (0.002)	0.000 (0.001)

Time-Varying Variables

Quarter 2 (April-June)	2.563 (1.464)	2.561 (1.463)	-1.381*** (0.091)
Quarter 3 (Jul-Sep)	2.585* (1.025)	2.582* (1.024)	1.094 (1.116)
Quarter 4 (Oct-Dec)	2.529* (1.217)	2.527* (1.216)	-1.849 (1.395)
County Unemployment Rate (centered)	-0.147*** (0.027)	-0.147*** (0.027)	-0.368 (1.269)
Absconding Lag	-1.958*** (0.225)	-1.958*** (0.225)	-1.061*** (0.152)
Positive Substance Abuse Lag	-1.117 (0.608)	-1.117 (0.608)	0.501 (0.528)
Arrest Lag	-1.276* (0.614)	-1.276* (0.614)	-0.769 (0.754)
Discharged	-0.416* (0.182)	-0.416* (0.182)	-2.108* (0.832)
Parole Violation Lag	0.625 (0.460)	0.625 (0.460)	-0.186 (1.351)
TIME BY CUSTODY MEAN INTERACTIONS			
Quarters* Prison at Quarter t		-0.322*** (0.046)	1.472 (1.764)
Quarters* Prison at Quarter $t-1$		-0.899 (0.839)	0.828 (1.306)
Quarters* Prison at Quarter $t-2$		0.067 (1.292)	2.211* (0.956)
Quarters* Prison at Quarter $t-3$		-1.362 (1.016)	0.105 (1.221)
Quarters*STC at Quarter t		-0.219* (0.105)	2.107* (1.036)
Quarters*STC at Quarter $t-1$		-0.463 (0.470)	0.150 (0.270)
Quarters*STC at Quarter $t-2$		-0.818 (0.710)	-0.014 (0.037)
Quarters*STC at Quarter $t-3$		-0.119 (0.683)	0.000 (0.001)

Quarters Sq* Prison at Quarter t	0.027*** (0.005)	1.862 (1.037)
Quarters Sq* Prison at Quarter $t-1$	0.118 (0.092)	2.138* (0.972)
Quarters Sq* Prison at Quarter $t-2$	-0.064 (0.143)	1.232 (1.029)
Quarters Sq* Prison at Quarter $t-3$	0.145 (0.115)	-0.072*** (0.013)
Quarters Sq*STC at Quarter t	0.026* (0.011)	-0.912*** (0.109)
Quarters Sq*STC at Quarter $t-1$	0.022 (0.052)	-0.529 (0.294)
Quarters Sq*STC at Quarter $t-2$	0.061 (0.080)	-0.571 (0.293)
Quarters Sq*STC at Quarter $t-3$	0.095 (0.076)	-0.225** (0.087)
Quarters Cu* Prison at Quarter t	-0.001*** (0.000)	0.244 (0.222)
Quarters Cu* Prison at Quarter $t-1$	-0.005 (0.003)	-0.008*** (0.002)
Quarters Cu* Prison at Quarter $t-2$	0.003 (0.004)	0.004 (0.003)
Quarters Cu* Prison at Quarter $t-3$	-0.004 (0.003)	-0.001 (0.002)
Quarters Cu*STC at Quarter t	-0.001* (0.000)	0.000 (0.000)
Quarters Cu*STC at Quarter $t-1$	-0.000 (0.002)	-0.001 (0.001)
Quarters Cu*STC at Quarter $t-2$	-0.001 (0.002)	-0.001 (0.002)
Quarters Cu*STC at Quarter $t-3$	-0.004 (0.002)	0.002 (0.002)
Lagged Ln Quarterly Earnings		0.559*** (0.006)

Constant	1.720*** (0.039)	1.328*** (0.227)	-0.392 (0.682)	-0.391 (0.681)	-0.215 (0.686)
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notes: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Robust standard errors in parentheses

Appendix Table A2: Full Model Estimates from Table 4

	Pre-Prison Employment		Race		Times In Prison	
	No	Yes	White	Black	First	> First
QUARTERLY DEVIATIONS FROM THE PERSON-MEAN						
Custody Variables						
Prison at Quarter t	-0.657*** (0.040)	-1.067*** (0.104)	-0.992*** (0.059)	-0.563*** (0.041)	-0.700*** (0.060)	-0.755*** (0.044)
Prison at Quarter $t-1$	0.640*** (0.087)	0.440* (0.211)	0.890*** (0.132)	0.328*** (0.087)	0.598*** (0.140)	0.565*** (0.089)
Prison at Quarter $t-2$	0.120 (0.084)	0.234 (0.213)	0.205 (0.130)	0.038 (0.085)	0.113 (0.129)	0.126 (0.089)
Prison at Quarter $t-3$	0.025 (0.088)	-0.049 (0.194)	-0.148 (0.131)	0.101 (0.092)	-0.128 (0.121)	0.044 (0.098)
STC at Quarter t	-0.324*** (0.036)	-0.568*** (0.091)	-0.454*** (0.057)	-0.339*** (0.037)	-0.400*** (0.049)	-0.373*** (0.041)
STC at Quarter $t-1$	0.247*** (0.050)	-0.190 (0.130)	0.191* (0.078)	0.087 (0.053)	0.115 (0.066)	0.149* (0.060)
STC at Quarter $t-2$	0.012 (0.053)	0.007 (0.155)	0.034 (0.082)	-0.060 (0.058)	-0.008 (0.069)	-0.012 (0.068)
STC at Quarter $t-3$	-0.063 (0.060)	-0.303* (0.141)	-0.084 (0.088)	-0.150* (0.064)	-0.106 (0.072)	-0.134 (0.077)
Interaction Variables						
Prison at Quarter t *STC at Quarter $t-1$	-0.369*** (0.069)	0.080 (0.179)	-0.476*** (0.110)	-0.166* (0.070)	-0.266* (0.114)	-0.305*** (0.076)
Prison at Quarter t *STC at Quarter $t-2$	-0.191** (0.064)	-0.226 (0.187)	-0.279** (0.100)	-0.075 (0.068)	-0.339** (0.108)	-0.114 (0.076)
Prison at Quarter t *STC at Quarter $t-3$	-0.049 (0.066)	0.088 (0.157)	-0.127 (0.098)	0.080 (0.070)	-0.074 (0.094)	0.033 (0.082)
STC at Quarter t * Prison at Quarter $t-1$	-0.272	-0.300	-0.306	-0.129	-0.206	-0.227

STC at Quarter t^* Prison at Quarter $t-2$	(0.141) -0.307*	(0.376) -0.089	(0.229) -0.421	(0.139) -0.132	(0.247) -0.254	(0.145) -0.271*
STC at Quarter t^* Prison at Quarter $t-3$	(0.133) 0.109	(0.379) -0.224	(0.220) 0.123	(0.129) 0.007	(0.258) 0.278	(0.135) -0.032
	(0.150)	(0.405)	(0.234)	(0.151)	(0.308)	(0.148)
Time Variables						
Quarters Since Release	-0.061** (0.023)	-0.034 (0.054)	-0.108*** (0.030)	0.005 (0.025)	-0.040 (0.025)	-0.066* (0.029)
Quarters Since Release Squared	0.003 (0.002)	-0.000 (0.005)	0.006* (0.003)	-0.003 (0.002)	0.001 (0.002)	0.002 (0.003)
Quarters Since Release Cubed	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Time-Varying Variables						
Quarter 2 (April-June)	0.088*** (0.025)	0.072 (0.062)	0.100** (0.037)	0.100*** (0.027)	0.142*** (0.035)	0.078** (0.028)
Quarter 3 (Jul-Sep)	0.180*** (0.025)	0.127* (0.063)	0.191*** (0.036)	0.171*** (0.027)	0.213*** (0.035)	0.174*** (0.028)
Quarter 4 (Oct-Dec)	0.148*** (0.026)	0.124 (0.068)	0.169*** (0.038)	0.152*** (0.029)	0.183*** (0.035)	0.150*** (0.030)
County Unemployment Rate (centered)	-0.024*** (0.007)	-0.018 (0.016)	-0.035*** (0.009)	-0.015 (0.008)	-0.031*** (0.009)	-0.018* (0.008)
Absconding Lag	-0.245*** (0.033)	-0.350*** (0.091)	-0.325*** (0.059)	-0.227*** (0.034)	-0.266*** (0.052)	-0.251*** (0.037)
Positive Substance Abuse Lag	-0.084 (0.050)	0.048 (0.124)	0.016 (0.082)	-0.096 (0.050)	-0.121 (0.073)	-0.032 (0.053)
Arrest Lag	-0.115** (0.041)	-0.161 (0.114)	-0.176* (0.069)	-0.046 (0.041)	-0.075 (0.059)	-0.124** (0.047)
Discharged	-0.289*** (0.040)	-0.462*** (0.104)	-0.369*** (0.055)	-0.301*** (0.045)	-0.333*** (0.048)	-0.345*** (0.050)
Parole Violation Lag	-0.274*** (0.036)	-0.376*** (0.088)	-0.429*** (0.058)	-0.181*** (0.036)	-0.264*** (0.058)	-0.311*** (0.037)
PERSON SPECIFIC MEANS						
Custody Variables						
Prison at Quarter t	-1.317*** (0.106)	-1.360*** (0.284)	-1.735*** (0.147)	-1.085*** (0.114)	-1.568*** (0.170)	-1.150*** (0.115)
Prison at Quarter $t-1$	2.286	-5.425	1.774	0.956	2.841	0.777

	(1.340)	(3.809)	(1.932)	(1.380)	(2.291)	(1.297)
Prison at Quarter $t-2$	-2.728	1.256	-2.153	-2.029	-4.900	-0.733
	(1.529)	(5.440)	(2.130)	(1.896)	(2.968)	(1.608)
Prison at Quarter $t-3$	0.290	-0.818	-0.995	0.192	-2.439	0.959
	(1.420)	(5.056)	(2.218)	(1.555)	(2.490)	(1.464)
STC at Quarter t	-0.835***	-2.028***	-0.944***	-1.007***	-1.262***	-0.845***
	(0.179)	(0.413)	(0.280)	(0.160)	(0.248)	(0.178)
STC at Quarter $t-1$	0.173	1.833	0.122	0.593	1.870*	-0.533
	(0.536)	(1.931)	(1.040)	(0.562)	(0.880)	(0.589)
STC at Quarter $t-2$	-1.074	2.750	-1.196	-0.426	-1.362	-0.123
	(0.792)	(3.293)	(1.481)	(0.805)	(1.353)	(0.904)
STC at Quarter $t-3$	-0.690	-8.085**	-1.479	-2.153*	-3.178*	-0.988
	(0.882)	(3.115)	(1.552)	(0.917)	(1.280)	(1.105)
Interaction Variables						
Prison at Quarter t *STC at Quarter $t-1$	-1.517	4.111	-1.059	-0.068	-0.143	0.262
	(1.512)	(4.602)	(2.001)	(1.785)	(2.051)	(1.777)
Prison at Quarter t *STC at Quarter $t-2$	2.990	-9.131	3.523	0.215	3.368	-0.187
	(1.960)	(6.674)	(3.105)	(2.054)	(2.742)	(2.355)
Prison at Quarter t *STC at Quarter $t-3$	0.226	6.668	0.162	1.413	0.460	0.788
	(1.463)	(5.308)	(2.532)	(1.339)	(2.159)	(1.686)
STC at Quarter t * Prison at Quarter $t-1$	1.073	9.052*	4.308**	1.201	3.297	1.470
	(1.084)	(3.603)	(1.590)	(1.196)	(1.764)	(1.149)
STC at Quarter t * Prison at Quarter $t-2$	0.891	-3.786	-2.420	1.382	1.680	-0.662
	(1.295)	(5.049)	(2.042)	(1.474)	(2.207)	(1.475)
STC at Quarter t * Prison at Quarter $t-3$	1.107	4.918	3.741*	1.123	2.947	1.069
	(1.123)	(4.310)	(1.648)	(1.291)	(2.102)	(1.179)
Time Variables						
Quarters Since Release	0.199	0.448	0.088	-0.005	0.942*	-0.241
	(0.295)	(0.631)	(0.582)	(0.230)	(0.453)	(0.287)
Quarters Since Release Squared	-0.027	-0.058	-0.017	0.013	-0.116	0.032
	(0.041)	(0.094)	(0.079)	(0.029)	(0.065)	(0.037)
Quarters Since Release Cubed	0.001	0.002	0.001	-0.001	0.004	-0.001
	(0.001)	(0.003)	(0.003)	(0.001)	(0.002)	(0.001)
Time-Varying Variables						
Quarter 2 (April-June)	2.555*	3.769	1.517	1.356	4.345*	0.232
	(1.143)	(3.125)	(1.667)	(1.355)	(1.711)	(1.266)

Quarter 3 (Jul-Sep)	3.017** (1.082)	3.831 (3.167)	2.858 (1.691)	0.713 (1.106)	3.048 (1.597)	1.332 (1.213)
Quarter 4 (Oct-Dec)	1.046 (1.115)	6.686* (3.052)	0.741 (1.767)	0.499 (1.238)	1.340 (1.613)	1.078 (1.310)
County Unemployment Rate (centered)	-0.066*** (0.015)	-0.099* (0.041)	-0.058** (0.020)	-0.055** (0.018)	-0.069*** (0.021)	-0.068*** (0.016)
Absconding Lag	-0.898*** (0.120)	-0.953* (0.423)	-1.437*** (0.187)	-0.531*** (0.132)	-1.241*** (0.169)	-0.650*** (0.141)
Positive Substance Abuse Lag	-0.449 (0.325)	-0.575 (1.132)	0.362 (0.582)	-0.440 (0.346)	-0.887 (0.459)	-0.278 (0.388)
Arrest Lag	-0.506 (0.308)	-0.435 (1.156)	-0.115 (0.539)	-0.572 (0.348)	-0.716 (0.463)	-0.413 (0.372)
Discharged	-0.218* (0.102)	-0.184 (0.245)	-0.525*** (0.142)	-0.022 (0.104)	-0.410** (0.154)	-0.096 (0.096)
Parole Violation Lag	0.240 (0.247)	1.072 (0.707)	-0.245 (0.392)	0.236 (0.259)	0.220 (0.346)	0.244 (0.281)
TIME BY CUSTODY MEAN INTERACTIONS						
Quarters* Prison at Quarter t	-0.055 (0.045)	-0.143 (0.121)	-0.158* (0.066)	-0.033 (0.046)	-0.155 (0.084)	-0.056 (0.048)
Quarters* Prison at Quarter $t-1$	-1.725* (0.863)	-3.196 (2.542)	-2.470 (1.349)	-2.374** (0.904)	-1.705 (1.500)	-2.409** (0.885)
Quarters* Prison at Quarter $t-2$	0.298 (1.340)	4.091 (3.404)	1.032 (1.942)	1.122 (1.484)	-1.149 (2.462)	1.368 (1.386)
Quarters* Prison at Quarter $t-3$	0.272 (1.092)	-4.269 (2.207)	-0.129 (1.600)	-0.207 (1.109)	1.098 (2.222)	-0.344 (1.029)
Quarters*STC at Quarter t	0.148 (0.092)	0.336 (0.209)	0.294* (0.143)	0.046 (0.097)	0.279* (0.127)	0.101 (0.106)
Quarters*STC at Quarter $t-1$	-0.604 (0.438)	0.835 (1.089)	0.427 (0.748)	-0.652 (0.443)	-0.837 (0.648)	0.140 (0.487)
Quarters*STC at Quarter $t-2$	-0.358 (0.678)	-3.047 (2.215)	-2.226 (1.245)	0.449 (0.683)	-1.080 (1.153)	-0.137 (0.739)
Quarters*STC at Quarter $t-3$	1.704** (0.632)	2.671 (1.883)	3.152** (1.126)	0.387 (0.638)	2.510** (0.956)	0.715 (0.725)
Quarters Sq* Prison at Quarter t	0.004 (0.004)	0.009 (0.011)	0.015* (0.006)	0.002 (0.004)	0.012 (0.008)	0.006 (0.004)
Quarters Sq* Prison at Quarter $t-1$	0.209* (0.209)	0.333 (0.333)	0.298* (0.298)	0.225** (0.225)	0.189 (0.189)	0.262** (0.262)

	(0.083)	(0.229)	(0.129)	(0.083)	(0.152)	(0.082)
Quarters Sq* Prison at Quarter $t-2$	-0.093	-0.280	-0.203	-0.071	-0.022	-0.144
	(0.127)	(0.330)	(0.184)	(0.139)	(0.228)	(0.130)
Quarters Sq* Prison at Quarter $t-3$	0.019	0.291	0.082	-0.007	0.010	0.038
	(0.104)	(0.232)	(0.149)	(0.106)	(0.195)	(0.099)
Quarters Sq*STC at Quarter t	-0.013	-0.025	-0.023	-0.003	-0.022	-0.007
	(0.009)	(0.020)	(0.014)	(0.009)	(0.013)	(0.011)
Quarters Sq*STC at Quarter $t-1$	0.046	-0.086	-0.044	0.059	0.062	-0.011
	(0.044)	(0.112)	(0.075)	(0.044)	(0.066)	(0.048)
Quarters Sq*STC at Quarter $t-2$	0.027	0.270	0.193	-0.050	0.102	0.002
	(0.067)	(0.212)	(0.121)	(0.067)	(0.111)	(0.073)
Quarters Sq*STC at Quarter $t-3$	-0.117	-0.189	-0.250*	-0.002	-0.193*	-0.032
	(0.062)	(0.180)	(0.109)	(0.062)	(0.091)	(0.071)
Quarters Cu* Prison at Quarter t	-0.000	-0.000	-0.000*	0.000	-0.000	-0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Quarters Cu* Prison at Quarter $t-1$	-0.007**	-0.010	-0.010**	-0.007**	-0.006	-0.008***
	(0.002)	(0.006)	(0.004)	(0.002)	(0.004)	(0.002)
Quarters Cu* Prison at Quarter $t-2$	0.004	0.006	0.008	0.002	0.004	0.005
	(0.003)	(0.009)	(0.005)	(0.004)	(0.006)	(0.004)
Quarters Cu* Prison at Quarter $t-3$	-0.001	-0.005	-0.003	0.001	-0.002	-0.001
	(0.003)	(0.007)	(0.004)	(0.003)	(0.005)	(0.003)
Quarters Cu*STC at Quarter t	0.000	0.001	0.000	0.000	0.001	0.000
	(0.000)	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)
Quarters Cu*STC at Quarter $t-1$	-0.001	0.002	0.001	-0.002	-0.001	0.000
	(0.001)	(0.003)	(0.002)	(0.001)	(0.002)	(0.001)
Quarters Cu*STC at Quarter $t-2$	-0.000	-0.007	-0.005	0.002	-0.003	0.000
	(0.002)	(0.006)	(0.003)	(0.002)	(0.003)	(0.002)
Quarters Cu*STC at Quarter $t-3$	0.002	0.004	0.006*	-0.000	0.005	0.000
	(0.002)	(0.005)	(0.003)	(0.002)	(0.002)	(0.002)
Lagged Ln Quarterly Earnings	0.548***	0.558***	0.560***	0.557***	0.558***	0.561***
	(0.007)	(0.014)	(0.008)	(0.009)	(0.008)	(0.009)
Constant	-0.556	-3.020	0.491	0.022	-1.847	0.680
	(0.729)	(1.851)	(1.143)	(0.874)	(1.069)	(0.844)

n person-quarters	63,692	12,989	40,735	47,849	43,276	47,133
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notes: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Robust standard errors in parentheses

Appendix Table A3: Falsification Test Based on STC Leads (n=3,673 individuals, 90,418 person quarters)

	Model 5 from Table 3	Model 5 with Leads
Key Custody Variables		
Prison at Quarter t	-0.749*** (0.035)	-0.762*** (0.037)
Prison at Quarter $t-1$	0.574*** (0.075)	0.562*** (0.076)
Prison at Quarter $t-2$	0.119 (0.073)	0.110 (0.074)
Prison at Quarter $t-3$	-0.017 (0.077)	-0.026 (0.077)
STC at Quarter t	-0.386*** (0.032)	-0.404*** (0.034)
STC at Quarter $t-1$	0.132** (0.044)	0.116* (0.046)
STC at Quarter $t-2$	-0.012 (0.048)	-0.028 (0.050)
STC at Quarter $t-3$	-0.121* (0.052)	-0.135* (0.054)
STC Lead Variables		
STC at Quarter $t+1$		0.096 (0.059)
STC at Quarter $t+2$		-0.026 (0.069)
STC at Quarter $t+3$		0.111 (0.078)

notes: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$; Robust standard errors in parentheses