

Does Mens Rea Matter?

Appendix

MATTHEW MIZEL, MICHAEL ELI SEROTA, JONATHAN CANTOR,
JOSHUA RUSSELL-FRITCH

About This Appendix

This appendix supplements the paper *Does Mens Rea Matter?* by Matthew Mizel, Michael Eli Serota, Jonathan Cantor, and Joshua Russell-Fritch, published in *Wisconsin Law Review* in 2022. The authors perform an empirical analysis of a culpable mental state's impact on the administration of a criminal statute. This appendix includes the full results from the analytic models summarized in the body of the paper.

APPENDIX

Table 1
Filing Descriptive Statistics

Charging Variable	Pre-Period (6/1/2017- 6/21/2019)	Post-Period (6/22/2019- 2/29/2020)
Defendants with any charge	179,496	65,994
Number of charges	344,230	116,283
Defendants charged with 18 U.S.C. § 922(g)	21,910	7,687
Charges of 18 U.S.C. § 922(g)	26,614	8,597
Share of total cases in a circuit (by person)		
0	0.5	0.5
1	2.8	2.6
2	4.3	3.9
3	3.3	3.3
4	9.2	7.8
5	24.1	29.0
6	7.1	6.4
7	3.5	3.1
8	7.0	6.7
9	20.9	19.3
10	8.5	9.4
11	8.7	8.0

Table 2
Dispositions Descriptive Statistics

Disposition Variable	Pre-Period (6/1/2017- 6/21/2019)	Post-Period (6/22/2019- 2/29/2020)
Defendants receiving any disposition	157,386	58,281
Dispositions for any charge	290,006	104,811
Defendants with an 18 U.S.C. § 922(g) disposition	17,875	7,049
Dispositions for 18 U.S.C. § 922(g)	20,483	9,401
Share of total cases in a circuit (by person)		
0	0.3	0.4
1	2.5	2.6
2	4.1	3.1
3	3.0	2.7
4	9.4	7.9
5	25.0	30.1
6	6.8	6.1
7	3.1	3.2
8	6.8	6.9
9	21.1	19.0
10	8.9	9.9
11	9.0	8.1

Table 3

Likelihood and number of times a defendant is charged with 922g before and after the Rehaif decision

	(1) Likelihood of defendant charged with 922g	(2) Number of 922g charges
June 2019 Indicator (baseline is pre-Rehaif decision)	-0.00951*** (0.00280)	-0.232*** (0.0119)
Circuit (baseline is circuit nine)		
Circuit zero	0.167*** (0.00906)	-0.0308 (0.0288)
Circuit One	0.0609*** (0.00411)	-0.0398** (0.0182)
Circuit Two	0.0204*** (0.00342)	-0.0648*** (0.0180)
Circuit Three	0.0454*** (0.00379)	-0.0795*** (0.0178)
Circuit Four	0.0867*** (0.00257)	-0.0293** (0.0117)
Circuit Five	-0.00729*** (0.00190)	-0.0101 (0.0115)
Circuit Six	0.176*** (0.00281)	-0.0356*** (0.0111)
Circuit Seven	0.195*** (0.00375)	0.00907 (0.0131)
Circuit Eight	0.224*** (0.00281)	0.0167 (0.0107)
Circuit Ten	0.0417*** (0.00258)	-0.0240* (0.0129)
Circuit Eleven	0.104*** (0.00261)	-0.0253** (0.0115)
Year (baseline is 2017)		
2018	0.00906*** (0.00199)	0.0717*** (0.00856)
2019	0.0161*** (0.00276)	0.216*** (0.0118)
2020	0.0209***	0.236***

	(0.00549)	(0.0234)
Month (baseline is January)		
February	0.00626**	0.00145
	(0.00306)	(0.0128)
March	0.00306	0.00473
	(0.00356)	(0.0150)
April	-0.000847	0.0368**
	(0.00358)	(0.0151)
May	0.00244	0.0117
	(0.00353)	(0.0148)
June	0.000751	0.0159
	(0.00336)	(0.0143)
July	-0.00236	0.0417***
	(0.00366)	(0.0158)
August	0.00319	0.0395***
	(0.00357)	(0.0153)
September	0.000868	0.0510***
	(0.00361)	(0.0154)
October	-0.00403	0.0392**
	(0.00358)	(0.0155)
November	0.00527	0.0640***
	(0.00361)	(0.0154)
December	0.00542	0.0457***
	(0.00367)	(0.0157)
Constant	0.0532***	1.111***
	(0.00353)	(0.0161)
Observations	245,490	29,597
R-squared	0.054	0.027
Outcome measure mean across sample		1.19
period	0.12	

Note: All models were estimated using ordinary least squares. The unit of analysis is a defendant. The sample in column 2 is restricted to defendants who were charged with 922g. The study sample is between June 2017 and February 2020. Standard errors in parentheses. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$

Table 4
Monthly charging regressions for 18 U.S.C. § 922(g)

	(1) Defendants Charged with 922(g)	(2) Total 922(g) Charges
June2019 Indicator (baseline is pre Rehaif decision)	-11.92*** (3.599)	-30.69*** (4.546)
Circuit (baseline is circuit nine)		
Circuit zero	-84.59*** (4.175)	-101.9*** (5.274)
Circuit One	-68.41*** (4.175)	-83.18*** (5.274)
Circuit Two	-67.68*** (4.175)	-82.91*** (5.274)
Circuit Three	-67.18*** (4.175)	-82.91*** (5.274)
Circuit Four	2.324 (4.175)	0.118 (5.274)
Circuit Five	9.794** (4.175)	11.18** (5.274)
Circuit Six	26.71*** (4.175)	28.06*** (5.274)
Circuit Seven	-29.74*** (4.175)	-34.85*** (5.274)
Circuit Eight	50*** (4.175)	62.76*** (5.274)
Circuit Ten	-27.18*** (4.175)	-34*** (5.274)
Circuit Eleven	9.382** (4.175)	8.941* (5.274)
Year (baseline is 2017)		
2018	11.68*** (2.604)	18.42*** (3.289)
2019	17.74*** (3.599)	36.50*** (4.546)
2020	30.10*** (7.163)	50.94*** (9.048)
Month (baseline is January)		

February	12.89*** (4.057)	15.83*** (5.125)
March	13.92*** (4.758)	16.96*** (6.010)
April	10.63** (4.758)	15.63*** (6.010)
May	16.63*** (4.758)	20.92*** (6.010)
June	-2.720 (4.243)	-2.161 (5.360)
July	6.312 (4.708)	9.868* (5.947)
August	19.70*** (4.708)	25.26*** (5.947)
September	12.59*** (4.708)	18.03*** (5.947)
October	12.56*** (4.708)	16.98*** (5.947)
November	14.73*** (4.708)	21.53*** (5.947)
December	8.201* (4.708)	12.40** (5.947)
Constant	73.79*** (5.120)	83.23*** (6.467)
Observations	408	408
R-squared	0.868	0.861
Outcome measure mean across sample period	72.54	86.30

Note: All models were estimated using ordinary least squares. The unit of analysis is a circuit in a given month. The study sample is between June 2017 and February 2020. Standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table 5
Disposition regressions

	Guilty		Guilty via Plea		Guilty via Trial		Not Guilty	
	Defendant	Charge	Defendant	Charge	Defendant	Charge	Defendant	Charge
June2019								
Indicator (baseline: pre-Rehaif)	0.00278 (0.0124)	-0.0861*** (0.0123)	0.00675 (0.0123)	-0.0830*** (0.0123)	-0.00345 (0.00405)	-0.00655* (0.00350)	0.165*** (0.0133)	0.0926*** (0.0121)
Circuit (baseline is circuit nine)								
Circuit zero	0.000649 (0.0334)	0.0483 (0.0354)	-0.0206 (0.0333)	0.0757** (0.0354)	-0.00327 (0.0109)	-0.00207 (0.0101)	0.0668* (0.0359)	-0.0746** (0.0349)
Circuit One	-0.00960 (0.0189)	0.0772** (0.0357)	-0.000579 (0.0188)	0.0762** (0.0357)	-0.00740 (0.00619)	0.0116 (0.0102)	-0.0667*** (0.0203)	-0.0876** (0.0352)
Circuit Two	0.0353* (0.0193)	0.112*** (0.0355)	0.0149 (0.0192)	0.103*** (0.0355)	0.00783 (0.00630)	0.0197* (0.0101)	-0.0675*** (0.0207)	-0.125*** (0.0350)
Circuit Three	0.0647*** (0.0190)	-0.0247 (0.0321)	0.0350* (0.0189)	-0.0263 (0.0321)	0.0174*** (0.00621)	0.00931 (0.00917)	-0.124*** (0.0204)	0.0138 (0.0317)
Circuit Four	-0.0545*** (0.0118)	0.0592* (0.0321)	-0.0782*** (0.0117)	0.0682** (0.0321)	0.00759** (0.00386)	0.000102 (0.00916)	0.0324** (0.0126)	-0.0700** (0.0316)
Circuit Five	0.0489*** (0.0117)	0.0495 (0.0321)	0.0388*** (0.0116)	0.0568* (0.0320)	-0.00398 (0.00383)	0.00685 (0.00914)	-0.0617*** (0.0126)	-0.0646** (0.0316)
Circuit Six	0.0165 (0.0115)	0.0483 (0.0329)	0.00475 (0.0115)	0.0591* (0.0329)	0.00268 (0.00378)	0.0117 (0.00939)	-0.0489*** (0.0124)	-0.0736** (0.0324)

Circuit Seven	0.0306** (0.0139)	0.0312 (0.0319)	0.0238* (0.0138)	0.0444 (0.0319)	0.00969** (0.00455)	5.90e-05 (0.00910)	-0.0594*** (0.0149)	-0.0464 (0.0314)
Circuit Eight	0.0143 (0.0112)	0.00549 (0.0322)	0.0104 (0.0111)	0.0209 (0.0322)	-0.00431 (0.00365)	0.00438 (0.00919)	-0.0146 (0.0120)	-0.0286 (0.0317)
Circuit Ten	-0.00697 (0.0133)	0.0133 (0.0327)	-0.00406 (0.0132)	0.0336 (0.0327)	-0.00526 (0.00434)	-0.00189 (0.00933)	-0.0157 (0.0142)	-0.0353 (0.0322)
Circuit Eleven	0.0394*** (0.0117)	0.0576* (0.0321)	0.0151 (0.0116)	0.0542* (0.0321)	0.0172*** (0.00382)	0.0183** (0.00916)	-0.0625*** (0.0125)	-0.0757** (0.0316)
Year (baseline: 2017)								
2018	-0.0258*** (0.00892)	-0.0269*** (0.00903)	-0.0276*** (0.00888)	-0.0293*** (0.00902)	0.00481* (0.00292)	0.00407 (0.00258)	0.0314*** (0.00957)	0.0243*** (0.00890)
2019	-0.0477*** (0.0124)	-0.0563*** (0.0125)	-0.0507*** (0.0123)	-0.0593*** (0.0125)	0.00566 (0.00405)	0.00483 (0.00356)	0.0605*** (0.0133)	0.0524*** (0.0123)
2020	-0.0704*** (0.0242)	-0.0460* (0.0240)	-0.0669*** (0.0240)	-0.0434* (0.0240)	0.00771 (0.00791)	0.00646 (0.00685)	0.00702 (0.0259)	0.0359 (0.0237)
Month (baseline: January)								
February	-0.0200 (0.0132)	-0.0206 (0.0131)	-0.0222* (0.0132)	-0.0216* (0.0131)	-0.00239 (0.00433)	-0.00292 (0.00373)	0.0202 (0.0142)	0.0238* (0.0129)
March	-0.00714 (0.0155)	-0.0165 (0.0156)	-0.0160 (0.0154)	-0.0217 (0.0155)	0.00395 (0.00507)	0.00182 (0.00444)	0.0208 (0.0166)	0.0201 (0.0153)
April	-0.0146 (0.0153)	-0.0113 (0.0154)	-0.0199 (0.0152)	-0.0161 (0.0154)	0.00250 (0.00501)	0.00182 (0.00440)	0.0144 (0.0164)	0.0152 (0.0152)
May	-0.0224	-0.0266*	-0.0188	-0.0209	-0.00197	-0.00452	0.0223	0.0297**

	(0.0152)	(0.0153)	(0.0151)	(0.0153)	(0.00497)	(0.00436)	(0.0163)	(0.0150)
June	-0.00623	-0.00677	-0.0175	-0.0138	0.00438	0.00155	0.0103	0.0114
	(0.0148)	(0.0148)	(0.0147)	(0.0148)	(0.00484)	(0.00424)	(0.0159)	(0.0146)
July	-0.0229	-0.00864	-0.0156	-0.00159	-0.00532	-0.00575	0.00348	0.00740
	(0.0156)	(0.0155)	(0.0155)	(0.0155)	(0.00509)	(0.00443)	(0.0167)	(0.0153)
August	-0.00740	-0.0173	-0.00954	-0.0164	0.000109	-0.00210	0.0268	0.0181
	(0.0154)	(0.0153)	(0.0153)	(0.0153)	(0.00503)	(0.00436)	(0.0165)	(0.0151)
September	-0.00985	-0.0261*	-0.00521	-0.0208	-0.00194	-0.00422	0.0296*	0.0264*
	(0.0158)	(0.0156)	(0.0157)	(0.0156)	(0.00516)	(0.00446)	(0.0169)	(0.0154)
October	-0.0183	-0.0239	-0.0156	-0.0196	0.000569	-0.00189	0.0153	0.0211
	(0.0153)	(0.0153)	(0.0152)	(0.0153)	(0.00501)	(0.00436)	(0.0164)	(0.0151)
November	-0.00901	-0.0115	-0.0184	-0.0182	0.00432	0.00188	0.00866	0.0175
	(0.0154)	(0.0154)	(0.0153)	(0.0154)	(0.00504)	(0.00439)	(0.0165)	(0.0152)
December	-0.00961	-0.00190	-0.0176	-0.00675	0.00450	0.00236	-0.00188	0.00470
	(0.0161)	(0.0161)	(0.0160)	(0.0161)	(0.00528)	(0.00461)	(0.0173)	(0.0159)
Constant	0.757***	0.664***	0.775***	0.660***	0.0147***	-0.00292	0.319***	0.328***
	(0.0164)	(0.0345)	(0.0163)	(0.0344)	(0.00536)	(0.00373)	(0.0176)	(0.0340)
Observations	24,924	29,884	24,924	29,884	24,924	29,884	24,924	29,884
R-squared	0.007	0.017	0.007	0.016	0.003	0.003	0.036	0.018
Outcome		0.62	0.73	0.62	0.02	0.02	0.39	0.35
measure	0.73							
mean								
across								
sample								
period								

Note: All models were estimated using ordinary least squares. The unit of analysis for the defendant columns is the defendant. The unit of analysis for the charge columns is the charge. The study sample is between June 2017 and February 2020. Standard errors in parentheses. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$.

Table 6
Monthly conviction regressions for 18 U.S.C. § 922(g)

	(1) Defendants Convicted with 922(g)	(2) Total 922(g) Convictions
June 2019 Indicator (baseline is pre-Rehaif decision)	-3.645 (2.252)	-3.682 (2.322)
Circuit (baseline is circuit nine)		
Circuit zero	-53.09*** (2.613)	-55.06*** (2.693)
Circuit One	-42.65*** (2.613)	-43.97*** (2.693)
Circuit Two	-42.38*** (2.613)	-44.26*** (2.693)
Circuit Three	-41.24*** (2.613)	-42.74*** (2.693)
Circuit Four	1.441 (2.613)	0.500 (2.693)
Circuit Five	12.35*** (2.613)	11.21*** (2.693)
Circuit Six	13.65*** (2.613)	14.62*** (2.693)
Circuit Seven	-21*** (2.613)	-22.09*** (2.693)
Circuit Eight	25.15*** (2.613)	25.41*** (2.693)
Circuit Ten	-17.03*** (2.613)	-18.29*** (2.693)
Circuit Eleven	12.06*** (2.613)	11.41*** (2.693)
Year (baseline is 2017)		
2018	4.657*** (1.630)	4.474*** (1.680)
2019	8.847*** (2.252)	8.635*** (2.322)
2020	14.81*** (4.483)	15.13*** (4.621)
Month (baseline is January)		

February	-6.222** (2.539)	-6.528** (2.618)
March	-0.944 (2.977)	-1.160 (3.069)
April	0.639 (2.977)	0.882 (3.069)
May	1.431 (2.977)	1.382 (3.069)
June	-12.39*** (2.656)	-12.68*** (2.738)
July	2.355 (2.946)	2.739 (3.037)
August	7.243** (2.946)	7.127** (3.037)
September	0.382 (2.946)	0.350 (3.037)
October	7.188** (2.946)	6.933** (3.037)
November	4.771 (2.946)	4.794 (3.037)
December	-4.562 (2.946)	-5.123* (3.037)
Constant	52.50*** (3.204)	54.75*** (3.303)
Observations	408	408
R-squared	0.867	0.866
Outcome measure mean across sample period	44.30	45.42

Note: All models were estimated using ordinary least squares. The unit of analysis is a circuit in a given month. The study sample is between June 2017 and February 2020. Standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table 7
Punishment regressions

	Defendant-Level				Circuit Month-Level			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Defendant is convicted with prison time	Total prison time for those convicted of 922g	Total prison time for those convicted of 922g	Probation	Length of time for probation	Natural log of total fine	Monthly Prison Time All Charges	Monthly Prison Time 922g
June2019 Indicator (baseline: pre-Rehaif)	-4.16e-05 (0.000244)	14.59 (12.24)	-0.693 (1.536)	-0.00128 (0.00167)	-0.260 (0.167)	-0.0526 (0.0467)	23.99 (47.85)	-20.16* (12.12)
Circuit (baseline: circuit nine)								
Circuit Zero	1.29e-05 (0.000666)	-18.28 (33.73)	-9.510** (4.198)	-0.00582 (0.00456)	-0.291 (0.458)	-0.0821 (0.128)	-257.5*** (57.88)	-203.2*** (14.66)
Circuit One	2.78e-06 (0.000377)	-10.12 (19.41)	-1.756 (2.376)	-0.00508** (0.00258)	-0.256 (0.259)	-0.0735 (0.0722)	-210.4*** (55.41)	-163.0*** (14.04)
Circuit Two	3.30e-06	40.55**	-1.218	0.000959	1.222***	-0.0394	-155.5***	-161.6***

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	(0.000374)	(19.44)	(2.359)	(0.00256)	(0.257)	(0.0717)	(55.41)	(14.04)
Circuit Three	-1.27e-05 (0.000363)	17.91 (18.36)	17.26*** (2.289)	-0.00511** (0.00248)	-0.272 (0.250)	0.316*** (0.0696)	-167.7*** (55.41)	-132.9*** (14.04)
Circuit Four	-1.54e-05 (0.000238)	40.28*** (12.00)	17.66*** (1.498)	-0.00157 (0.00163)	-0.118 (0.163)	-0.0657 (0.0455)	209.0*** (55.41)	91.19*** (14.04)
Circuit Five	-3.38e-06 (0.000228)	25.33** (11.56)	9.039*** (1.439)	-0.00255 (0.00156)	-0.144 (0.157)	0.869*** (0.0437)	206.4*** (55.41)	98.59*** (14.04)
Circuit Six	-0.000426* (0.000227)	21.18* (11.50)	16.13*** (1.434)	-0.00394** (0.00156)	-0.224 (0.156)	0.0617 (0.0436)	195.0*** (55.41)	145.7*** (14.04)
Circuit Seven	-1.24e-05 (0.000272)	28.13** (13.74)	11.44*** (1.714)	-0.00352* (0.00186)	-0.214 (0.187)	0.716*** (0.0521)	-13.97 (55.41)	-45.51*** (14.04)
Circuit Eight	-7.75e-06 (0.000220)	12.15 (11.15)	12.72*** (1.388)	-0.00280* (0.00151)	-0.162 (0.151)	-0.0303 (0.0422)	205.2*** (55.41)	180.6*** (14.04)
Circuit Ten	-1.33e-05 (0.000263)	-2.195 (13.39)	4.132** (1.660)	-0.00441** (0.00180)	-0.237 (0.181)	0.0160 (0.0505)	-85.86 (55.41)	-50.63*** (14.04)
Circuit Eleven	-1.10e-05 (0.000228)	36.17*** (11.54)	22.31*** (1.440)	-0.00176 (0.00156)	-0.0463 (0.157)	0.145*** (0.0438)	270.5*** (55.41)	173.8*** (14.04)
Year (baseline: 2017)								
2018	-0.000213 (0.000173)	6.823 (8.663)	0.0739 (1.089)	0.00322*** (0.00118)	0.269** (0.119)	0.0612* (0.0331)	53.35 (35.04)	21.67** (8.878)

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2019	-3.60e-05 (0.000241)	-12.80 (12.11)	-1.948 (1.521)	0.00413** (0.00165)	0.335** (0.166)	0.125*** (0.0462)	8.019 (48.17)	33.49*** (12.20)
2020	-7.24e-05 (0.000475)	-47.69** (23.95)	-1.437 (2.998)	0.00630* (0.00325)	0.545* (0.327)	0.176* (0.0911)	-84.04 (95.31)	64.26*** (24.15)
Month (baseline: January)								
February	5.10e-06 (0.000262)	-21.74 (13.25)	-0.0794 (1.655)	-0.000927 (0.00180)	0.0146 (0.180)	0.0416 (0.0503)	-120.5** (53.85)	-28.55** (13.64)
March	-6.65e-06 (0.000304)	-27.97* (15.27)	0.759 (1.916)	-0.000975 (0.00208)	-0.0995 (0.209)	-0.0307 (0.0582)	-110.2* (63.92)	-0.236 (16.19)
April	-1.46e-05 (0.000301)	-38.65** (15.08)	1.963 (1.898)	-0.00188 (0.00206)	-0.128 (0.207)	0.0332 (0.0577)	-142.1** (63.15)	9.888 (16.00)
May	-1.09e-05 (0.000300)	-6.026 (15.05)	-0.316 (1.890)	0.00247 (0.00205)	0.137 (0.206)	0.0297 (0.0574)	-12.78 (63.15)	4.990 (16.00)
June	-0.000692** (0.000289)	-34.35** (14.54)	-0.335 (1.825)	0.000728 (0.00198)	0.0532 (0.199)	0.112** (0.0555)	-200.4*** (56.34)	-59.94*** (14.27)
July	-2.54e-05 (0.000305)	-48.85*** (15.29)	-0.673 (1.922)	0.00269 (0.00209)	0.183 (0.209)	0.0408 (0.0584)	-164.4*** (62.77)	9.466 (15.90)
August	-2.49e-05 (0.000300)	-35.47** (15.04)	0.621 (1.890)	0.00350* (0.00205)	0.203 (0.206)	0.125** (0.0574)	-79.02 (62.77)	39.09** (15.90)
September	-1.92e-05 (0.000307)	-49.96*** (15.42)	-2.675 (1.937)	0.00292 (0.00210)	0.541** (0.211)	0.0619 (0.0589)	-178.6*** (62.77)	-7.936 (15.90)
October	-2.08e-05	-24.91*	-1.014	0.00299	0.196	0.101*	-42.16	30.28*

	(0.000300)	(15.05)	(1.889)	(0.00205)	(0.206)	(0.0574)	(62.52)	(15.84)
November	-1.98e-05	-25.73*	-1.663	0.00422**	0.278	0.115**	-61.70	16.40
	(0.000301)	(15.11)	(1.897)	(0.00206)	(0.207)	(0.0577)	(62.52)	(15.84)
December	-3.32e-05	-42.74***	-2.714	0.00108	0.133	0.0803	-183.1***	-32.40**
	(0.000315)	(15.86)	(1.988)	(0.00216)	(0.217)	(0.0604)	(62.77)	(15.90)
Constant	1.000***	90.26***	46.79***	0.000756	-0.0683	0.000582	353.2***	200.1***
	(0.000320)	(16.16)	(2.021)	(0.00219)	(0.220)	(0.0614)	(68.10)	(17.25)
Observations	18,075	17,367	18,072	18,075	18,075	18,075	403	403
R-squared	0.001	0.003	0.026	0.002	0.003	0.051	0.439	0.857
mean	1.00	79.18	56.76	0.00	0.15	0.32	284.34	212.12

Note: All models were estimated using ordinary least squares. The unit of analysis for the defendant columns is the defendant. The unit of analysis for the circuit-month columns is the circuit-month. The study sample is between June 2017 and February 2020. Standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table 8
Placebo test for filing models

	Individual-level charging			Monthly-level individual charging			Monthly-level total charging		
	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo
Nine-month placebo (start September 2018)	0.00567 (0.00402)			3.073 (3.553)			8.573* (4.980)		
Twelve-month placebo (start June 2018)		0.00617 (0.00508)			3.204 (3.246)			8.774* (4.545)	
Fifteen-month placebo (start March 2018)			0.0121*** (0.00457)			7.750* (3.976)			12.58** (5.580)
Circuit (baseline: nine)									
Zero	0.159*** (0.0107)	0.159*** (0.0107)	0.159*** (0.0107)	-89.10*** (3.670)	-89.10*** (3.669)	-89.10*** (3.653)	-109.2*** (5.144)	-109.2*** (5.138)	-109.2*** (5.128)
One	0.0635*** (0.00478)	0.0635*** (0.00478)	0.0634*** (0.00478)	-71.53*** (3.670)	-71.53*** (3.669)	-71.53*** (3.653)	-88.63*** (5.144)	-88.63*** (5.138)	-88.63*** (5.128)
Two	0.0182*** (0.00396)	0.0182*** (0.00396)	0.0183*** (0.00396)	-71.57*** (3.670)	-71.57*** (3.669)	-71.57*** (3.653)	-89.40*** (5.144)	-89.40*** (5.138)	-89.40*** (5.128)
Three	0.0438*** (0.00444)	0.0439*** (0.00444)	0.0438*** (0.00444)	-71.57*** (3.670)	-71.57*** (3.669)	-71.57*** (3.653)	-89.90*** (5.144)	-89.90*** (5.138)	-89.90*** (5.128)
Four	0.0849***	0.0849***	0.0849***	3.933	3.933	3.933	-0.167	-0.167	-0.167

Does Mens Rea Matter?

	(0.00297)	(0.00297)	(0.00297)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Five	-0.00359	-0.00362	-0.00364	8.500**	8.500**	8.500**	8.500*	8.500*	8.500*
	(0.00224)	(0.00224)	(0.00224)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Six	0.168***	0.168***	0.168***	19.87***	19.87***	19.87***	18.60***	18.60***	18.60***
	(0.00325)	(0.00325)	(0.00325)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Seven	0.191***	0.191***	0.191***	-33.93***	-33.93***	-33.93***	-41.03***	-41.03***	-41.03***
	(0.00434)	(0.00434)	(0.00434)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Eight	0.214***	0.214***	0.214***	38.50***	38.50***	38.50***	49.90***	49.90***	49.90***
	(0.00328)	(0.00328)	(0.00328)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Ten	0.0460***	0.0460***	0.0459***	-30.73***	-30.73***	-30.73***	-40.20***	-40.20***	-40.20***
	(0.00305)	(0.00305)	(0.00305)	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Eleven	0.103***	0.103***	0.103***	6.867*	6.867*	6.867*	5.400	5.400	5.400
	0.159***	0.159***	0.159***	(3.670)	(3.669)	(3.653)	(5.144)	(5.138)	(5.128)
Year (baseline: 2017)									
2018	11.41***	10.56***	5.972	11.41***	10.56***	5.972	15.99***	13.73***	8.365
	(2.052)	(2.528)	(3.709)	(2.052)	(2.528)	(3.709)	(2.875)	(3.540)	(5.206)
2019	0.0104	0.00826	0.00347	16.84***	16.55***	12.03**	30.32***	29.72***	26.69***
	(0.00657)	(0.00911)	(0.00640)	(4.701)	(4.504)	(4.839)	(6.588)	(6.308)	(6.792)
Month indicator (baseline: January)									
February	0.0109***	0.0109***	0.0109***	16.33***	16.33***	16.33***	19.78***	19.78***	19.78***
	(0.00385)	(0.00385)	(0.00385)	(3.350)	(3.349)	(3.335)	(4.695)	(4.690)	(4.681)
March	0.00536	0.00539	-0.000536	16.75***	16.75***	14.17***	20.81***	20.81***	16.61***
	(0.00379)	(0.00379)	(0.00439)	(3.350)	(3.349)	(3.589)	(4.695)	(4.690)	(5.037)
April	0.00157	0.00159	-0.00427	13.17***	13.17***	10.58***	17.58***	17.58***	13.39***
	(0.00381)	(0.00381)	(0.00440)	(3.350)	(3.349)	(3.589)	(4.695)	(4.690)	(5.037)

May	0.00481 (0.00376)	0.00484 (0.00376)	-0.00106 (0.00436)	20.33*** (3.350)	20.33*** (3.349)	17.75*** (3.589)	25.14*** (4.695)	25.14*** (4.690)	20.95*** (5.037)
June	0.00207 (0.00361)	-0.000707 (0.00466)	-0.00335 (0.00428)	19.17*** (3.350)	18.10*** (3.519)	16.58*** (3.589)	21.36*** (4.695)	18.44*** (4.929)	17.17*** (5.037)
July	0.00241 (0.00431)	-0.00154 (0.00604)	-0.00375 (0.00507)	6.792* (3.808)	5.279 (4.103)	3.778 (4.094)	10.22* (5.336)	6.072 (5.746)	5.323 (5.745)
August	0.00115 (0.00415)	-0.00282 (0.00593)	-0.00503 (0.00493)	19*** (3.808)	17.49*** (4.103)	15.99*** (4.094)	24.80*** (5.336)	20.66*** (5.746)	19.91*** (5.745)
September	0.00381 (0.00512)	0.00284 (0.00598)	0.000633 (0.00499)	13.51*** (4.202)	13.53*** (4.103)	12.03*** (4.094)	16.51*** (5.889)	16.66*** (5.746)	15.91*** (5.745)
October	-0.00541 (0.00511)	-0.00635 (0.00596)	-0.00856* (0.00497)	10.01** (4.202)	10.03** (4.103)	8.528** (4.094)	11.85** (5.889)	11.99** (5.746)	11.24* (5.745)
November	0.00683 (0.00509)	0.00583 (0.00596)	0.00362 (0.00497)	17.92*** (4.202)	17.95*** (4.103)	16.44*** (4.094)	24.30*** (5.889)	24.45*** (5.746)	23.70*** (5.745)
December	0.00768 (0.00517)	0.00666 (0.00604)	0.00445 (0.00507)	8.297** (4.202)	8.320** (4.103)	6.819* (4.094)	11.26* (5.889)	11.41** (5.746)	10.66* (5.745)
Constant	0.0525*** (0.00433)	0.0546*** (0.00563)	0.0569*** (0.00470)	73.74*** (3.648)	74.07*** (3.699)	75.59*** (3.783)	85.72*** (5.112)	86.61*** (5.180)	88.14*** (5.310)
Observations	181,521	181,521	181,521	360	360	360	360	360	360
R-squared	0.049	0.049	0.049	0.906	0.906	0.906	0.884	0.884	0.884
Mean	0.12	0.12	0.12	72.07	72.07	72.07	86.75	86.75	86.75

Note: All models were estimated using ordinary least squares. The unit of analysis for the individual-level columns is the individual. The unit of analysis for the monthly-level columns is the circuit-month. The study sample is between June 2017 and June 2019. Standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table 9*Placebo tests for 18 U.S.C. § 922(g) convictions at the charge-level and pleading guilty at the charge-level*

	Conviction at the charge level			Likelihood of pleading guilty at the charge level		
	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo
Nine-month placebo (start September 2018)	0.0423** (0.0178)			0.0433** (0.0178)		
Twelve-month placebo (start June 2018)		0.0143 (0.0230)			0.0278 (0.0229)	
Fifteen-month placebo (start March 2018)			0.0110 (0.0198)			0.0199 (0.0198)
Circuit (baseline is nine)						
Zero	-0.0395 (0.0440)	-0.0392 (0.0440)	-0.0395 (0.0440)	-0.0569 (0.0439)	-0.0561 (0.0440)	-0.0567 (0.0440)
One	0.0753*** (0.0222)	0.0763*** (0.0222)	0.0765*** (0.0222)	0.0868*** (0.0222)	0.0876*** (0.0222)	0.0880*** (0.0222)
Two	0.0684*** (0.0226)	0.0688*** (0.0226)	0.0688*** (0.0226)	0.0441* (0.0225)	0.0447** (0.0225)	0.0447** (0.0225)
Three	0.105***	0.106***	0.106***	0.0774***	0.0776***	0.0778***

	(0.0219)	(0.0219)	(0.0219)	(0.0219)	(0.0219)	(0.0219)
Four	-0.0302**	-0.0295**	-0.0294**	-0.0490***	-0.0484***	-0.0481***
	(0.0135)	(0.0135)	(0.0135)	(0.0135)	(0.0135)	(0.0135)
Five	0.0618***	0.0622***	0.0621***	0.0580***	0.0584***	0.0582***
	(0.0134)	(0.0134)	(0.0134)	(0.0134)	(0.0134)	(0.0134)
Six	0.0294**	0.0297**	0.0296**	0.0169	0.0171	0.0171
	(0.0132)	(0.0132)	(0.0132)	(0.0132)	(0.0132)	(0.0132)
Seven	0.0730***	0.0733***	0.0734***	0.0708***	0.0710***	0.0713***
	(0.0164)	(0.0164)	(0.0164)	(0.0164)	(0.0164)	(0.0164)
Eight	0.0431***	0.0431***	0.0432***	0.0425***	0.0425***	0.0427***
	(0.0129)	(0.0129)	(0.0129)	(0.0129)	(0.0129)	(0.0129)
Ten	0.0153	0.0152	0.0153	0.0186	0.0183	0.0186
	(0.0152)	(0.0152)	(0.0152)	(0.0152)	(0.0152)	(0.0152)
Eleven	0.0576***	0.0580***	0.0580***	0.0332**	0.0336**	0.0336**
	(0.0133)	(0.0133)	(0.0133)	(0.0133)	(0.0133)	(0.0133)
Year (baseline is 2017)						
2018	-0.0498***	-0.0400*	-0.0375*	-0.0526***	-0.0547**	-0.0484**
	(0.0131)	(0.0230)	(0.0212)	(0.0131)	(0.0230)	(0.0212)
2019	-0.119***	-0.0807*	-0.0701**	-0.0933***	-0.0994**	-0.0697**
	(0.0291)	(0.0415)	(0.0280)	(0.0289)	(0.0415)	(0.0279)
Month indicator (baseline is January)						
February	-0.0301*	-0.0300*	-0.0299*	-0.0307*	-0.0306*	-0.0304*
	(0.0165)	(0.0165)	(0.0165)	(0.0165)	(0.0165)	(0.0165)
March	-0.0209	-0.0209	-0.0259	-0.0258	-0.0259	-0.0348*
	(0.0161)	(0.0161)	(0.0184)	(0.0161)	(0.0161)	(0.0184)

April	-0.0167 (0.0159)	-0.0167 (0.0160)	-0.0217 (0.0184)	-0.0215 (0.0159)	-0.0215 (0.0159)	-0.0306* (0.0183)
May	-0.0316** (0.0158)	-0.0316** (0.0158)	-0.0368** (0.0183)	-0.0259 (0.0158)	-0.0258 (0.0158)	-0.0352* (0.0183)
June	-0.0255 (0.0155)	-0.0270 (0.0203)	-0.0243 (0.0183)	-0.0322** (0.0155)	-0.0413** (0.0203)	-0.0353* (0.0182)
July	-0.0243 (0.0180)	-0.0277 (0.0265)	-0.0222 (0.0214)	-0.0111 (0.0180)	-0.0258 (0.0264)	-0.0142 (0.0214)
August	-0.0260 (0.0177)	-0.0288 (0.0262)	-0.0233 (0.0211)	-0.0261 (0.0177)	-0.0402 (0.0262)	-0.0286 (0.0211)
September	-0.0372* (0.0224)	-0.0172 (0.0266)	-0.0117 (0.0216)	-0.0286 (0.0224)	-0.0195 (0.0266)	-0.00782 (0.0216)
October	-0.0601*** (0.0219)	-0.0403 (0.0262)	-0.0348* (0.0211)	-0.0620*** (0.0218)	-0.0531** (0.0262)	-0.0414** (0.0210)
November	-0.0619*** (0.0220)	-0.0416 (0.0262)	-0.0361* (0.0211)	-0.0691*** (0.0219)	-0.0598** (0.0262)	-0.0481** (0.0210)
December	-0.0448** (0.0228)	-0.0252 (0.0270)	-0.0197 (0.0221)	-0.0495** (0.0227)	-0.0408 (0.0269)	-0.0292 (0.0220)
Constant	0.690*** (0.0197)	0.680*** (0.0257)	0.675*** (0.0211)	0.703*** (0.0197)	0.703*** (0.0257)	0.692*** (0.0210)
Observations	20,687	20,687	20,687	20,687	20,687	20,687
R-squared	0.008	0.007	0.007	0.009	0.008	0.008
Mean	0.66	0.66	0.66	0.66	0.66	0.66

Note: All models were estimated using ordinary least squares. The unit of analysis is the charge-level. The study sample is between June 2017 and June 2019. Standard errors in parentheses. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$

Table 10*Placebo tests for not guilty disposition of 18 U.S.C. § 922(g) at the defendant- and charge-level*

	Not guilty at the defendant-level			Not guilty at the charge-level		
	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo	Nine Month Placebo	Twelve Month Placebo	Fifteen Month Placebo
Nine-month placebo (start September 2018)	-0.0494*** (0.0188)			-0.0491*** (0.0174)		
Twelve-month placebo (start June 2018)		-0.0422* (0.0245)			-0.0295 (0.0225)	
Fifteen-month placebo (start March 2018)			-0.0209 (0.0210)			-0.0175 (0.0194)
Circuit (baseline is nine)						
Zero	0.104** (0.0470)	0.102** (0.0470)	0.103** (0.0470)	0.0754* (0.0431)	0.0746* (0.0432)	0.0754* (0.0432)
One	-0.0796*** (0.0236)	-0.0800*** (0.0236)	-0.0808*** (0.0236)	-0.0750*** (0.0218)	-0.0759*** (0.0218)	-0.0764*** (0.0218)
Two	-0.0518** (0.0235)	-0.0525** (0.0235)	-0.0526** (0.0235)	-0.0493** (0.0221)	-0.0499** (0.0221)	-0.0498** (0.0221)
Three	-0.113*** (0.0230)	-0.113*** (0.0230)	-0.113*** (0.0230)	-0.0914*** (0.0215)	-0.0917*** (0.0215)	-0.0919*** (0.0215)
Four	0.0371**	0.0366**	0.0362**	0.0471***	0.0464***	0.0461***

	(0.0144)	(0.0144)	(0.0144)	(0.0132)	(0.0132)	(0.0132)
Five	-0.0568***	-0.0571***	-0.0571***	-0.0468***	-0.0473***	-0.0471***
	(0.0143)	(0.0143)	(0.0143)	(0.0131)	(0.0131)	(0.0131)
Six	-0.0181	-0.0183	-0.0183	-0.0160	-0.0163	-0.0162
	(0.0142)	(0.0142)	(0.0142)	(0.0129)	(0.0129)	(0.0129)
Seven	-0.0879***	-0.0881***	-0.0885***	-0.0740***	-0.0743***	-0.0746***
	(0.0174)	(0.0174)	(0.0174)	(0.0161)	(0.0161)	(0.0161)
Eight	-0.0391***	-0.0389***	-0.0393***	-0.0326***	-0.0326**	-0.0328***
	(0.0138)	(0.0138)	(0.0138)	(0.0127)	(0.0127)	(0.0127)
Ten	-0.00922	-0.00887	-0.00925	-0.00810	-0.00780	-0.00805
	(0.0162)	(0.0162)	(0.0162)	(0.0149)	(0.0149)	(0.0149)
Eleven	-0.0527***	-0.0529***	-0.0531***	-0.0457***	-0.0461***	-0.0461***
	(0.0143)	(0.0143)	(0.0143)	(0.0131)	(0.0131)	(0.0131)
Year (baseline is 2017)						
2018	0.0589***	0.0711***	0.0522**	0.0510***	0.0515**	0.0413**
	(0.0139)	(0.0245)	(0.0225)	(0.0129)	(0.0226)	(0.0208)
2019	0.135***	0.134***	0.0876***	0.126***	0.103**	0.0747***
	(0.0309)	(0.0443)	(0.0298)	(0.0286)	(0.0407)	(0.0275)
Month indicator (baseline is January)						
February	0.0303*	0.0301*	0.0299*	0.0337**	0.0336**	0.0335**
	(0.0175)	(0.0175)	(0.0175)	(0.0162)	(0.0162)	(0.0162)
March	0.0248	0.0249	0.0342*	0.0246	0.0247	0.0325*
	(0.0171)	(0.0171)	(0.0196)	(0.0158)	(0.0158)	(0.0181)
April	0.0199	0.0199	0.0294	0.0209	0.0209	0.0288
	(0.0169)	(0.0169)	(0.0195)	(0.0156)	(0.0156)	(0.0180)

May	0.0276 (0.0168)	0.0275 (0.0168)	0.0373* (0.0195)	0.0349** (0.0155)	0.0349** (0.0155)	0.0432** (0.0180)
June	0.0370** (0.0165)	0.0537** (0.0216)	0.0396** (0.0194)	0.0321** (0.0152)	0.0413** (0.0199)	0.0331* (0.0179)
July	0.0224 (0.0191)	0.0482* (0.0281)	0.0246 (0.0227)	0.0206 (0.0176)	0.0356 (0.0259)	0.0209 (0.0210)
August	0.0258 (0.0188)	0.0509* (0.0279)	0.0274 (0.0224)	0.0282 (0.0174)	0.0425* (0.0257)	0.0279 (0.0207)
September	0.0353 (0.0238)	0.0340 (0.0284)	0.0104 (0.0229)	0.0412* (0.0220)	0.0291 (0.0261)	0.0145 (0.0212)
October	0.0652*** (0.0232)	0.0639** (0.0279)	0.0403* (0.0223)	0.0704*** (0.0214)	0.0586** (0.0257)	0.0440** (0.0207)
November	0.0644*** (0.0233)	0.0628** (0.0279)	0.0392* (0.0223)	0.0714*** (0.0215)	0.0590** (0.0257)	0.0444** (0.0206)
December	0.0564** (0.0240)	0.0555* (0.0286)	0.0320 (0.0233)	0.0532** (0.0223)	0.0416 (0.0265)	0.0270 (0.0216)
Constant	0.0243*** (0.00596)	0.0227*** (0.00775)	0.0195*** (0.00636)	0.270*** (0.0194)	0.272*** (0.0252)	0.285*** (0.0207)
Observations	18,050	18,050	18,050	20,687	20,687	20,687
R-squared	0.010	0.009	0.009	0.008	0.008	0.008
Mean	0.33	0.33	0.33	0.32	0.32	0.32

Note: All models were estimated using ordinary least squares. The unit of analysis is the charge-level for the charge-level regressions and defendant-level for the defendant regressions. The study sample is between June 2017 and June 2019. Standard errors in parentheses. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$