

Appendix Table 1: OLS Estimates of the Impact of the Stand Your Ground Law on Homicides

	Homicide Rate per 100,000 Residents	
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Full Sample		
Stand Your Ground	0.034*	0.026
	(0.018)	(0.017)
R ²	0.786	0.789
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Whites		
Stand Your Ground	0.033***	0.031***
	(0.010)	(0.011)
R ²	0.683	0.689
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Blacks		
Stand Your Ground	0.046	0.012
	(0.097)	(0.090)
R ²	0.601	0.604
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White Males		
Stand Your Ground	0.053***	0.051***
	(0.018)	(0.017)
R ²	0.693	0.699
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White Females		
Stand Your Ground	0.012**	0.012
	(0.005)	(0.007)
R ²	0.256	0.258
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Black Males		
Stand Your Ground	0.096	0.027
	(0.189)	(0.171)
R ²	0.608	0.611
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Black Females		
Stand Your Ground	0.002	-0.002
	(0.021)	(0.022)
R ²	0.147	0.150
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State Fixed Effects	Yes	Yes
Month*Year Fixed Effects	Yes	Yes
State-Specific Linear Time Trends	Yes	Yes
Time-Varying State Characteristics	No	Yes
Number of Observations	6,732	6,732

Notes: Each cell presents the coefficient on the indicator for Stand Your Ground Law. Standard errors that are clustered by state are in parentheses. The unit of observation is state-month-year.

*, **, and *** indicate that the estimate is statistically significant at the 0.10, 0.05 and 0.01 levels, respectively.

Appendix Table 2: Estimates of the Impact of the Stand Your Ground Law on Homicides – Annual Data

	Log(Homicide Rate)			Fixed Effects Poisson		
Full Sample						
Stand Your Ground	0.077 (0.057)	0.123** (0.057)	0.103* (0.053)	0.142** (0.062)	0.128** (0.063)	0.102** (0.041)
R ²	0.934	0.956	0.958	0.783	0.814	0.824
Whites						
Stand Your Ground	0.084 (0.067)	0.151** (0.061)	0.141* (0.071)	0.166*** (0.056)	0.215*** (0.053)	0.200*** (0.063)
R ²	0.923	0.943	0.946	0.855	0.868	0.874
Blacks						
Stand Your Ground	0.062 (0.055)	0.059 (0.123)	0.035 (0.110)	0.080 (0.059)	0.040 (0.113)	0.030 (0.082)
R ²	0.862	0.907	0.912	0.764	0.784	0.791
White Males						
Stand Your Ground	0.103 (0.072)	0.190*** (0.070)	0.203*** (0.070)	0.177*** (0.060)	0.239*** (0.055)	0.241*** (0.058)
R ²	0.925	0.945	0.948	0.857	0.870	0.875
White Females						
Stand Your Ground	0.021 (0.063)	0.044 (0.060)	-0.008 (0.097)	0.117** (0.050)	0.092*** (0.034)	0.080 (0.090)
R ²	0.814	0.840	0.846	0.519	0.529	0.534
Black Males						
Stand Your Ground	0.071 (0.057)	0.062 (0.131)	0.037 (0.115)	0.088 (0.063)	0.042 (0.120)	0.032 (0.085)
R ²	0.863	0.904	0.910	0.757	0.776	0.784
Black Females						
Stand Your Ground	0.020 (0.071)	0.032 (0.128)	0.014 (0.136)	0.053 (0.060)	0.023 (0.107)	0.003 (0.121)
R ²	0.690	0.743	0.755	0.361	0.380	0.387
State Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Year Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
State-Specific Linear Time Trends	No	Yes	Yes	No	Yes	Yes
Time-varying State Characteristics	No	No	Yes	No	No	Yes
Number of Observations	561	561	561	561	561	561

Notes: Each cell presents the coefficient on the indicator for Stand Your Ground Law. Standard errors that are clustered by state are in parentheses. The unit of observation is state-month-year.

*, **, and *** indicate that the estimate is statistically significant at the 0.10, 0.05 and 0.01 levels, respectively.

Appendix Table 3: Estimates of the Impact of the Stand Your Ground and Other Self-Defense Laws on Homicides

Full Sample	OLS	Fixed Effects Poisson
Stand Your Ground	0.072* (0.039)	0.069* (0.036)
Other Self-Defense Provisions	-0.062 (0.080)	-0.094 (0.065)
R ²	0.767	0.389
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White		
Stand Your Ground	0.123** (0.054)	0.200*** (0.048)
Other Self-Defense Law	-0.044 (0.056)	-0.017 (0.065)
R ²	0.677	0.467
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Blacks		
Stand Your Ground	-0.038 (0.098)	-0.026 (0.084)
Other Self-Defense Provisions	-0.126 (0.102)	-0.135** (0.068)
R ²	0.637	0.353
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White Males		
Stand Your Ground	0.147** (0.056)	0.217*** (0.046)
Other Self-Defense Provisions	-0.117*** (0.032)	-0.102*** (0.038)
R ²	0.677	0.477
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White Females		
Stand Your Ground	0.093 (0.078)	0.149* (0.080)
Other Self-Defense Provisions	0.179 (0.141)	0.273** (0.122)
R ²	0.524	0.149
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Black Males		
Stand Your Ground	-0.037 (0.099)	-0.024 (0.086)
Other Self-Defense Provisions	-0.139 (0.102)	-0.142** (0.067)
R ²	0.636	0.345
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Black Females		
Stand Your Ground	-0.020 (0.091)	-0.045 (0.086)
Other Self-Defense Provisions	-0.092 (0.083)	-0.052 (0.137)
R ²	0.560	0.101
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Number of Observations	6,372	6,372

Notes: Standard errors that are clustered by state are in parentheses. *, **, and *** indicate that the estimate is statistically significant at the 0.10, 0.05 and 0.01 levels, respectively. Both specifications include state and year*month fixed effects, state-specific time trends, and time-varying state characteristics.

Appendix Table 4: Estimates of the Impact of Separate Provisions of Self-Defense Laws on Homicides

	OLS		Fixed Effects Poisson	
Full Sample				
Stand Your Ground	0.140**	(0.052)	0.165***	(0.056)
Presumption of Reasonableness	-0.040	(0.075)	-0.046	(0.084)
Civil Liability	-0.045	(0.067)	-0.063	(0.085)
R ²	0.767		0.389	
Whites				
Stand Your Ground	0.133**	(0.053)	0.164***	(0.056)
Presumption of Reasonableness	-0.064	(0.059)	-0.046	(0.058)
Civil Liability	0.056	(0.068)	0.087	(0.067)
R ²	0.677		0.467	
Blacks				
Stand Your Ground	0.122	(0.081)	0.137*	(0.074)
Presumption of Reasonableness	-0.013	(0.100)	-0.016	(0.104)
Civil Liability	-0.204**	(0.101)	-0.202*	(0.108)
R ²	0.638		0.354	
White Males				
Stand Your Ground	0.183**	(0.078)	0.233***	(0.089)
Presumption of Reasonableness	-0.060	(0.058)	-0.069	(0.055)
Civil Liability	0.020	(0.076)	0.056	(0.085)
R ²	0.677		0.476	
White Females				
Stand Your Ground	-0.025	(0.127)	-0.033	(0.111)
Presumption of Reasonableness	0.002	(0.098)	0.021	(0.093)
Civil Liability	0.139	(0.118)	0.175	(0.110)
R ²	0.525		0.149	
Black Males				
Stand Your Ground	0.129	(0.084)	0.137*	(0.077)
Presumption of Reasonableness	-0.029	(0.099)	-0.030	(0.104)
Civil Liability	-0.190*	(0.102)	-0.179	(0.111)
R ²	0.637		0.345	
Black Females				
Stand Your Ground	0.099	(0.103)	0.101	(0.135)
Presumption of Reasonableness	0.010	(0.094)	0.128	(0.128)
Civil Liability	-0.183	(0.110)	-0.386***	(0.127)
R ²	0.560		0.102	

Notes: The number of observation is 6,732 in each regression. Standard errors that are clustered by state are in parentheses. The unit of observation is state-month-year. All regressions are

weighted by state population of the relevant demographic group. *, **, and *** indicate that the estimate is statistically significant at the 0.10, 0.05 and 0.01 levels, respectively. Both specifications include state and year*month fixed effects, state-specific time trends, and time-varying state characteristics.

Appendix Table 5: Estimates of the Impact of the Expanded Castle Doctrine Laws on Homicides

Full Sample	OLS	Fixed Effects Poisson
Stand Your Ground	0.058	0.063*
	(0.038)	(0.034)
R ²	0.767	0.389
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White		
Stand Your Ground	0.099*	0.185***
	(0.051)	(0.051)
R ²	0.676	0.467
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Blacks		
Stand Your Ground	-0.035	-0.023
	(0.083)	(0.072)
R ²	0.636	0.353
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White Males		
Stand Your Ground	0.092	0.184***
	(0.058)	(0.055)
R ²	0.676	0.476
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White Females		
Stand Your Ground	0.156**	0.189***
	(0.072)	(0.072)
R ²	0.525	0.149
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Black Males		
Stand Your Ground	-0.034	-0.020
	(0.084)	(0.073)
R ²	0.635	0.345
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Black Females		
Stand Your Ground	-0.033	-0.050
	(0.079)	(0.079)
R ²	0.560	0.101
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Number of Observations	6,372	6,372

Notes: Standard errors that are clustered by state are in parentheses. *, **, and *** indicate that the estimate is statistically significant at the 0.10, 0.05 and 0.01 levels, respectively. Both specifications include state and year*month fixed effects, state-specific time trends, and time-varying state characteristics.

Appendix Table 6: Estimates of the Effect of Stand Your Ground Laws from Pooled Regressions

Variable	OLS	Fixed Effects Poisson
Black Females	2.236*** (0.134)	2.454*** (0.202)
White Females	-1.163*** (0.134)	-1.571*** (0.179)
Black Males	0.044 (0.135)	0.102 (0.177)
SYG*White Male	0.102 (0.115)	0.158** (0.065)
SYG*Black Male	-0.190 (0.136)	0.500*** (0.162)
SYG*White Female	0.188** (0.085)	-0.118 (0.109)
SYG*Black Female	-0.087 (0.093)	0.104 (0.088)
Tests Statistics	F-Statistic	χ^2 -Statistic
White Males= White Females	0.324	3.040
P-value	(0.572)	(0.081)
White Males=Black Males	2.642	3.657
P-value	(0.110)	(0.056)
White Males= Black Females	1.163	0.183
P-value	(0.286)	(0.667)

Notes: The omitted category in the regressions is white males. Joint Regressions with gender*race groups. All models include state fixed effects, year*month fixed effects, state specific linear trends, time varying state characteristics. *** indicates that the estimate is statistically significant at the 0.01 level.

Appendix Table 7: Descriptive Statistics for Homicides

(Mortality Records versus Supplemental Homicide Reports)

	Full Sample	Non-SYG States	SYG States
Homicides - Mortality	232.692 (296.186)	201.253 (312.418)	290.328 (254.672)
Homicides - SHR	202.886 (283.553)	176.079 (302.754)	252.033 (237.500)
Homicides – Justifiable	3.960 (6.682)	2.552 (4.694)	6.539 (8.725)
Homicides - Non-Justifiable	198.928 (278.327)	173.527 (298.607)	245.494 (230.269)

Note: Standard deviations are in parentheses.