

State Gun Policy and Cross-State Externalities: Evidence from Crime Gun Tracing
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 Online Appendix

ONLINE APPENDIX TABLE 1: ADDITIONAL SPECIFICATIONS DEALING WITH ZERO TRADE FLOWS

	ln(imports+1)	pairs<1000km	trade dummy logit	Poisson specification
distance between source and destination	-0.426*** (0.041)	-1.254*** (0.095)	-0.409*** (0.110)	-1.063*** (0.115)
difference in regulations	-0.123*** (0.020)	-0.143*** (0.024)	-0.038 (0.040)	
difference in log population	0.642*** (0.056)	0.582*** (0.083)	-0.173 (0.149)	
difference in log area	0.028 (0.071)	0.121 (0.094)	0.231 (0.159)	
source regulations				-0.127*** (0.032)
source log population				0.829*** (0.092)
source log area				0.031 (0.096)
constant	-4.353*** (0.117)	-3.640*** (0.123)	2.132*** (0.247)	
no. obs.	2352	1328	2352	2352
R-squared	0.557	0.573	0.074	

Notes: Notes: All differences are source less destination. Standard errors (in parentheses) clustered at source and destination using the method developed by Cameron, Gelbach, and Miller (2006). Stars denote statistical significance, with *** denoting $p < 0.01$, ** denoting $p < 0.05$, and * denoting $p < 0.1$. The dependent variable in the first column is the log of the number of guns traced from destination to source plus one less the log of the number of guns traced from destination to destination plus one. The dependent variable in the second column is the log of the number of guns traced from destination to source less the log of the number of guns traced from destination to destination. The third column estimates a logit based upon an indicator for non-zero imports from source to destination. The final column estimates a Poisson model, which allows for the inclusion of pairs with zero imports.

ONLINE APPENDIX TABLE 2: ADDITIONAL SPECIFICATIONS

	level of square miles and population (rather than log)	distance bands	control for border
distance between source and destination	-0.525*** (0.057)		-0.315*** (0.057)
1000km<distance<2000km		-1.028*** (0.080)	
2000km<distance<3000km		-1.209*** (0.122)	
distance>3000km		-1.303*** (0.135)	
difference in regulations	-0.158*** (0.030)	-0.130*** (0.022)	-0.130*** (0.023)
difference in log population		0.627*** (0.063)	0.624*** (0.062)
difference in log area		0.069 (0.090)	0.079 (0.095)
difference in population	0.084*** (0.016)		
difference in area	-3.908*** (1.410)		
shared border dummy			1.479*** (0.093)
constant	-4.316*** (0.141)	-4.412*** (0.104)	-4.827*** (0.137)
no. obs.	1861	1861	1861
R-squared	0.388	0.552	0.615

Notes: All differences are source less destination. Standard errors (in parentheses) clustered at source and destination using the method developed by Cameron, Gelbach, and Miller (2006). Stars denote statistical significance, with *** denoting $p < 0.01$, ** denoting $p < 0.05$, and * denoting $p < 0.1$. Stars denote statistical significance, with *** denoting $p < 0.01$, ** denoting $p < 0.05$, and * denoting $p < 0.1$, 1861 state pair observations. The dependent variable in all three columns is the log of the number of guns traced from destination to source less the log of the number of guns traced from destination to destination. In the second column, the omitted category is pairs with a distance less than 1000 kilometers.