

Less Frequent, More Deadly

Supplemental Document

The analysis, entitled [Less Frequent, More Deadly: Trends in the Lethality of Crime in 17 U.S. Cities](#), examined changes in lethality across 17 cities. This supplemental document provides the logistic regression results referenced in the main report. The regression included violent crime incidents (classified as homicide, aggravated assault, and robbery) for the years 2012 to 2024. The outcome variable was homicide; the analysis coded homicide incidents as one and other violent incidents as zero. The predictor variables were dummy variables for the years 2012 to 2024, with 2020 as the reference year. The analysis repeated this process for gun lethality.

Table S1. Baltimore Logistic Regression Results for Lethality and Gun Lethality

	Lethality			Gun Lethality		
	Coef.	SE		Coef.	SE	
Year (Ref 2020)						
2012	-0.420	0.089	***	-0.204	0.098	*
2013	-0.326	0.087	**	-0.174	0.097	
2014	-0.362	0.089	***	-0.314	0.101	**
2015	-0.026	0.078		-0.027	0.085	
2016	-0.228	0.080	**	-0.202	0.087	*
2017	-0.279	0.078	***	-0.284	0.085	**
2018	-0.300	0.080	***	-0.338	0.087	***
2019	-0.151	0.078		-0.125	0.084	
2021	-0.028	0.078		0.028	0.085	
2022	-0.144	0.079		-0.031	0.085	
2023	-0.379	0.084	***	-0.302	0.091	**
2024	-0.592	0.091	***	-0.372	0.099	***
Constant	-3.292	0.056	***	-2.451	0.061	***
Observations	132,626			48,491		

* $p < .05$; ** $p < .01$; *** $p < .001$

Table S2. Chicago Logistic Regression Results for Lethality and Gun Lethality

	Lethality			Gun Lethality		
	Coef.	SE		Coef.	SE	
Year (Ref 2020)						
2012	-0.636	0.057	***	-0.007	0.060	
2013	-0.678	0.060	***	0.027	0.064	
2014	-0.598	0.061	***	-0.052	0.064	
2015	-0.446	0.058	***	-0.021	0.061	
2016	-0.160	0.051	**	0.064	0.054	
2017	-0.303	0.053	***	0.032	0.056	
2018	-0.363	0.055	***	-0.062	0.058	
2019	-0.453	0.057	***	-0.136	0.061	*
2021	-0.010	0.051		-0.156	0.053	**
2022	-0.127	0.052	*	-0.202	0.055	***
2023	-0.399	0.054	***	-0.306	0.057	***
2024	-0.429	0.055	***	-0.365	0.058	***
Constant	-3.408	0.036		-2.082	0.038	***
Observations	345,728			77,719		

* $p < .05$; ** $p < .01$; *** $p < .001$

Table S3. Washington Logistic Regression Results for Lethality and Gun Lethality

	Lethality			Gun Lethality		
	Coef.	SE		Coef.	SE	
Year (Ref 2020)						
2012	-1.416	0.132	***	-1.225	0.157	***
2013	-1.167	0.123	***	-0.828	0.138	***
2014	-1.100	0.124	***	-0.864	0.146	***
2015	-0.647	0.109	***	-0.445	0.124	***
2016	-0.712	0.114	***	-0.569	0.128	***
2017	-0.589	0.119	***	-0.380	0.133	**
2018	-0.255	0.111	**	-0.157	0.125	
2019	-0.197	0.108		-0.048	0.121	
2021	0.131	0.101		-0.027	0.111	
2022	0.096	0.103		-0.101	0.113	
2023	0.016	0.097		-0.249	0.105	*
2024	0.068	0.106		-0.186	0.118	
Constant	-2.930	0.074	***	-2.376	0.080	***
Observations	62,023			26,905		

* $p < .05$; ** $p < .01$; *** $p < .001$