

Table A19. The Impact of Arrest Volume and Combined Punishment Levels on Crime Rates – Macro level Cross-sectional Studies

Study	Sample	Analysis	Causal Order	Sample Type	Arrest Measure	Crime Type	#IV	INCAP	Findings
Thaler (1977)	87 Census Tracts, NY, 1972	2SLS	I.V.	Non Prob.	Arrest / Pop.	Property	22	No	+, p< .05
Myers (1980)	26 U.S. cities > 250,000, 1970	2SLS	I.V.	CE	Arrest / Pop.	Robbery	24	No	-, p> .10
						Theft			-, p> .10
						Burglary			+, p> .10
Jarrell & Howsen (1990)	120 counties in Kentucky, 1980	2SLS	I.V.	CE	Arrest / Pop.	Burglary	20	No	-, p> .05
						Larceny			-, p> .05
						Robbery			-, p> .05
						Assault			+, p> .10
						Murder			-, p> .10
						Rape			-, p> .05
Kohfeld & Sprague (1990)	St Louis census tracks, 1982	OLS	Lags	Non Prob.	# of Arrests	Burglary	1	No	-, p= .000
	Heterogeneous areas								-, p< .05
	Racially black areas								-, p> .05
McCarthy (1991)	58 counties in CA, 1980	Correl.	None	CE	Arrest / Pop.	Property	1	No	+, p> .05
						Violent			+, p< .001
Mendes (2004)	32 states, 1970	OLS	None	Non Prob.	# of Arrests	Robbery	6	No	+, p> .05
						Burglary			+, p> .05
Friedman et al (2006)	89 SMSAs, 1993	OLS	Lags	CE	# of Arrests	Inj. Drug Use	8	No	+, p> .05

Study	Sample	Analysis	Causal Order	Sample Type	Combined Punishment Measure	Type	#IV	INCAP	Findings
Gray & Martin (1969)	48 states, 1960	OLS	Lags	CE	CxS	Murder	5	No	-, p= ?
Antunes & Hunt (1973)	49 states, 1960	OLS	None	CE	CxS	Murder	1	No	-, p= ?
						Rape			-, p= ?
						Robbery			-, p= ?
						Assault			-, p= ?
						Burglary			-, p= ?
					Combined				

Study	Sample	Analysis	Causal Order	Sample Type	Punishment Measure	Type	#IV	INCAP	Findings	
Bailey et al (1974)	46 states, 1950	Correl.	None	CE	CxS	Larceny	1	No	-, p= ?	
						Auto theft			-, p= ?	
						Murder			+, p= ?	
						Robbery			+, p= ?	
						Assault			+, p= ?	
						Burglary			+, p= ?	
	47 states, 1960								Theft	+, p= ?
									Auto theft	+, p= ?
									Manslaughter	+, p= ?
									Rape	+, p= ?
									Murder	+, p= ?
									Robbery	+, p= ?
	48 states, 1964								Assault	+, p= ?
									Burglary	+, p= ?
									Theft	+, p= ?
									Auto theft	+, p= ?
									Murder	+, p= ?
									Robbery	+, p= ?
Swimmer (1974)	119 U.S. cities > 100,000	2SLS	I.V.	CE	CxS.	Violent	14	No	-, p> .10	
									Auto theft	+, p= ?
Mendes & McDonald (2001)	32 states, 1970	Logistic	None	Non Prob.	CxS	Larceny	6	No	-, p< .05	

Clarification of Commonly Used Abbreviations in Table 19

Column Headings

#IV- Number of Independent Variables
INCAP- Did study control for incapacitation

Abbreviations Used Under Column Headings

CA- California
CE- Complete Enumeration
Correl- Correlation Coefficient
CxS- Certainty x Severity
Inj. Drug Use- Injection Drug USe
I.V.- Instrumental Variables
MWU- Mann Whitney U Test
Non Prob.- Non Probability
NY- New York
OLS- Ordinary Least Squares Regression
Pop.- Population
SMSA- Standard Metropolitan Statistical Area