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Table 7.1. Ordinary least squares regression of county homicide rates 1960-1990.

Independent Variables	1960	1970	1980	1990
<i>Resource</i>	1.798**	2.913**	3.412**	3.872**
<i>Dep/Aff Component</i>	[.318] (14.571)	[0.396] (19.511)	[0.500] (28.268)	[0.583] (27.133)
<i>Pop. Structure Component</i>	.359** (3.892)	0.812** (6.959)	0.747** (7.315)	1.353** (13.491)
<i>Median Age</i>	-0.231** [-0.192] (-11.931)	-0.191** [-0.130] (-8.394)	-0.242** [-0.137] (-9.671)	-0.101** [-0.055] (-3.691)
<i>Divorce</i>	1.160** [0.205] (12.233)	1.264** [0.184] (12.109)	1.250** [0.266] (18.586)	0.583** [0.152] (10.690)
<i>Unemployment</i>	-0.062 [-0.028] (-1.762)	-0.278** [-0.087] (-5.562)	-0.122** [-0.059] (-3.965)	-0.306** [-0.141] (-7.472)
<i>South</i>	2.639** [0.233] (11.312)	3.589** [0.243] (12.557)	2.113** [0.154] (9.129)	2.194** [0.165] (9.952)
<i>Intercept</i>	8.126** (12.804)	8.653** (11.275)	8.541** (9.720)	6.517** (6.364)
<i>Adj. R-Squared</i>	0.295	0.360	0.431	0.435
<i>N</i>	3085	3085	3085	3085

Unstandardized regression coefficients are reported (standardized regression coefficients in brackets, t-ratios in parentheses).

** P < .01 * P < .05 (two-tailed tests)

Table 7.2. Stability of regression coefficient by spatial regime -- county homicide rates 1960-1990.

	1960	1970	1980	1990
Spatial Chow Test Overall stability[†]				
	150.527**	227.468**	162.712**	168.438**
Stability of Individual Coefficients (Non-South versus South)^{††}				
<i>Res. Dep. Component</i>	0.135	0.868	7.303**	36.065**
<i>Pop. Struc. Component</i>	0.118	0.286	32.490**	18.758**
<i>Median Age</i>	3.480	0.036	7.352**	0.982
<i>Divorce</i>	0.057	11.088**	15.822**	0.641
<i>Unemployment</i>	24.849**	45.870**	12.922**	28.150**
Heteroskedastic Coefficients				
<i>Non-South</i>	9.776	16.016	21.750	16.209
<i>South</i>	36.930	54.544	30.451	34.204
Test on Heteroskedasticity^{††}				
	360.392**	328.375**	40.296**	164.284**
N (N of South)				
	3085 (1412)	3085 (1412)	3085 (1412)	3085 (1412)

** P < .01 * P < .05 (two-tailed tests)

[†] distributed as χ^2 with 6 degrees of freedom

^{††} distributed as χ^2 with 1 degree of freedom

Table 7.3. Spatial lag models of Southern homicide rates 1960-1990.

Independent Variables	1960	1970	1980	1990
<i>Resource</i>	0.832**	1.792**	3.026**	4.028**
<i>Dep/Aff Component</i>	[0.121]	[0.218]	[0.478]	[0.602]
	(3.386)	(5.820)	(13.994)	(14.814)
<i>Pop. Structure</i>	-0.057	0.401	1.551**	1.747**
<i>Component</i>	[-0.007]	[0.041]	[0.198]	[0.209]
	(-0.265)	(1.497)	(7.637)	(8.247)
<i>Median Age</i>	-0.129**	-0.060	-0.150**	-0.018
	[-0.099]	[-0.039]	[-0.093]	[-0.009]
	(-2.942)	(-1.378)	(-3.736)	(-0.368)
<i>Divorce</i>	0.786**	0.642**	0.775**	0.482**
	[0.092]	[0.075]	[0.149]	[0.097]
	(3.241)	(3.060)	(6.302)	(4.251)
<i>Unemployment</i>	-0.070	-0.353**	-0.244**	-0.438**
	[-0.026]	[-0.092]	[-0.108]	[-0.191]
	(-0.897)	(-3.023)	(-4.145)	(-5.928)
<i>Spatial Lag (ρ)</i>	0.713**	0.651**	0.182*	0.230**
	[0.379]	[0.359]	[0.100]	[0.125]
	(6.005)	(6.905)	(2.431)	(3.261)
<i>Intercept</i>	4.108*	4.153*	9.101**	5.249*
	(2.207)	(2.042)	(5.364)	(2.513)
<i>Sq. Corr.</i>	0.178	0.239	0.311	0.333
<i>N</i>	1412	1412	1412	1412

IV estimation. Unstandardized regression coefficients are reported (standardized regression coefficients in brackets, t-ratios in parentheses)

** $P \leq .01$ * $P \leq .05$ (two-tailed tests)

Table 7.4. Spatial regression models of non-Southern homicide rates.

Independent Variables	1960	1970	1980	1990
<i>Resource</i>	1.571**	3.007**	4.143**	2.875**
<i>Dep/Aff Component</i>	[0.275] (9.395)	[0.389] (14.626)	[0.467] (19.837)	[0.405] (13.435)
<i>Pop. Structure Component</i>	0.386** (5.011)	0.859** (7.795)	0.290* (2.132)	0.962** (8.299)
<i>Median Age</i>	-0.156** [-0.191] (-7.336)	-0.157** [-0.163] (-6.452)	-0.304** [-0.197] (-8.607)	-0.066* [-0.050] (-2.034)
<i>Divorce</i>	0.833** [0.276] (8.552)	1.403** [0.359] (13.980)	1.318** [0.366] (14.560)	0.572** [0.239] (9.156)
<i>Unemployment</i>	0.079** [0.061] (2.622)	-0.024 [-0.013] (-0.502)	0.008 [0.005] (0.196)	-0.045 [-0.029] (-0.888)
<i>Spatial Lag (ρ)</i>	0.415** [.197] (4.645)	NI	NI	NI
<i>Spatial Error (λ)</i>	NI	0.243**	0.329**	0.268**
<i>Intercept</i>	4.832** (6.544)	6.164** (7.309)	9.622** (7.588)	3.261** (2.621)
<i>Sq. Corr.</i>	0.199	0.234	0.348	0.258
<i>N</i>	1673	1673	1673	1673

Instrumental Variables estimation in 1960, Generalized Moments in 1970-1990. Unstandardized regression coefficients are reported (standardized regression coefficients in brackets, t-ratios in parentheses). No significance is reported for the λ parameter estimated by means of the Generalized Moments technique. Significance is based on rejection of the null hypothesis in the OLS regression. ** $P \leq .01$ * $P \leq .05$ (two-tailed tests)