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Table 8.1. Coefficients from the regression of incident-based 1996-1998 empirical Bayes Poisson homicide rate on neighborhood predictors.

Variables	OLS		Maximum Likelihood			
	(1)	(2)	(3)	(4)	(5)	(6)
LN Concentrated Disadvantage	1.30 ** (0.07)	1.14 ** (0.09)	0.80 ** (0.10)	0.54 ** (0.13)		
ICE Index					-1.12 ** (0.18) **	-0.68 ** (0.19)
Concentrated Immigration	0.10 ** (0.04)	0.06 (0.05)	0.03 (0.04)	0.04 (0.04)	-0.14 ** (0.04)	-0.04 (0.04)
Residential Stability	0.05 * (0.02)	0.05 * (0.02)	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)
Adults per Child †	0.01 (0.33)	-0.06 (0.33)	0.02 (0.30)	-0.12 (0.30)	-0.07 (0.32)	-0.16 (0.31)
Population Density †	-0.27 ** (0.09)	-0.33 ** (0.09)	-0.27 ** (0.08)	-0.24 ** (0.08)	-0.20 ** (0.09)	-0.20 * (0.08)
Collective Efficacy		-0.65 ** (0.20)	-0.54 ** (0.18)	-0.47 ** (0.18)	-0.67 ** (0.18)	-0.47 ** (0.18)
Voluntary Associations		0.18 (0.10)	0.15 (0.09)	0.13 (0.09)	0.15 (0.09)	0.14 (0.09)
Organizations		-0.05 (0.07)	-0.05 (0.06)	-0.03 (0.06)	-0.02 (0.07)	-0.01 (0.06)
Kin/friendship ties		0.02 (0.16)	-0.02 (0.15)	-0.05 (0.15)	-0.10 (0.16)	-0.13 (0.16)
Spatial Proximity			0.34 ** (0.05)	0.31 ** (0.05)	0.48 ** (0.05)	0.30 ** (0.05)
Prior Homicide Rate (1991-93)				0.21 ** (0.06)		0.37 ** (0.05)
Constant	2.91 ** (0.08)	6.01 ** (0.92)	4.62 ** (0.87)	3.87 ** (0.89)	5.14 ** (0.87)	3.81 ** (0.89)
R <sup>2</sup>	0.68	0.70	0.72	0.73	0.69	0.73

(Standard Errors in Parentheses)

†Adults per child multiplied by 100

†† Population density multiplied by 10,000

\*\*p<.01; \* p<.05

Sources: 1990-1998 Chicago Police Data; 1995 PHDCN Survey; and 1990 Census

Table 8.2. Coefficients from the regression of victim-based 1996 empirical Bayes Poisson homicide rate on neighborhood predictors.

Variables	OLS		Maximum Likelihood			
	(1)	(2)	(3)	(4)	(5)	(6)
LN Concentrated Disadvantage	0.66 ** (0.05)	0.56 ** (0.07)	0.44 ** (0.08)	0.35 ** (0.10)		
ICE Index					-0.56 ** (0.15) **	-0.35 * (0.16)
Concentrated Immigration	-0.04 (0.03)	-0.05 (0.04)	-0.05 (0.04)	-0.04 (0.04)	-0.14 ** (0.03)	-0.09 ** (0.04)
Residential Stability	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)	0.03 (0.02)
Adults per Child †	0.01 (0.27)	-0.03 (0.27)	0.01 (0.26)	0.02 (0.26)	-0.14 (0.27)	-0.02 (0.27)
Population Density ††	-0.04 (0.07)	-0.08 (0.07)	-0.07 (0.07)	-0.07 (0.07)	-0.04 (0.07)	-0.04 (0.07)
Collective Efficacy		-0.48 ** (0.16)	-0.50 ** (0.15)	-0.47 ** (0.15)	-0.66 ** (0.15)	-0.52 ** (0.16)
Voluntary Associations		0.13 (0.08)	0.14 (0.07)	0.13 (0.07)	0.13 (0.08)	0.12 (0.08)
Organizations		0.05 (0.06)	0.04 (0.05)	0.04 (0.05)	0.05 (0.06)	0.05 (0.06)
Kin/friendship ties		0.04 (0.13)	0.07 (0.13)	0.08 (0.13)	0.08 (0.14)	0.09 (0.14)
Spatial Proximity			0.22 ** (0.06)	0.20 ** (0.07)	0.33 ** (0.06)	0.18 ** (0.05)
Prior Homicide Rate (1991-93)				0.09 (0.06)		0.24 ** (0.06)
Constant	2.00 ** (0.06)	4.24 ** (0.75)	3.78 ** (0.74)	3.38 ** (0.79)	4.23 ** (0.74)	3.20 ** (0.79)
R <sup>2</sup>	0.50	0.52	0.53	0.53	0.50	0.52

(Standard Errors in Parentheses)

†Adults per child multiplied by 100

††Population density multiplied by 10,000

\*\* p<.01; \* p<.05

Sources: 1990-1998 Chicago Police Data; 1995 PHDCN Survey; and 1990 Census

Table 8.3. Coefficients from the regression of 1995 logged robbery rate on neighborhood predictors.

Variables	Maximum Likelihood			
	(1)	(2)		
LN Concentrated Disadvantage	0.20	**	0.03	
	(0.05)		(0.04)	
Concentrated Immigration	0.00		0.03	
	(0.04)		(0.03)	
Residential Stability	-0.06	**	0.02	
	(0.02)		(0.01)	
Adults per Child†	0.11		-0.01	
	(0.24)		(0.17)	
Population Density ††	-0.30	**	-0.13	**
	(0.07)		(0.05)	
Collective Efficacy	-0.29		-0.14	
	(0.15)		(0.11)	
Voluntary Associations	0.03		-0.02	
	(0.07)		(0.05)	
Organizations	-0.02		-0.01	
	(0.05)		(0.04)	
Kin/friendship ties	-0.26	*	-0.03	
	(0.13)		(0.09)	
Spatial Proximity	0.76	**	0.27	**
	(0.03)		(0.04)	
Prior Logged Robbery Rate (1993)			0.68	**
			(0.04)	
Constant	2.74	**	0.73	
	(0.70)		(0.51)	
$R^2$	0.75		0.91	

(Standard Errors in Parentheses)

† Adults per child multiplied by 100

†† Population density multiplied by 10,000

\*\* p<.01; \* p<.05

Table 8.4. Coefficients from the regression of empirical Bayes Poisson homicide rates on neighborhood predictors by racial regimes.

Variables	Incident-Based		Victim-Based	
	< 75% Black	>= 75% Black	< 75% Black	>= 75% Black
	(1)	(2)	(3)	(4)
ICE Index	-1.20 ** (0.28)	-0.87 ** (0.35)	-0.67 ** (0.23)	-0.02 (0.29)
Concentrated Immigration	-0.05 (0.07)	-0.34 (0.48)	-0.02 (0.06)	-0.69 (0.39)
Residential Stability	0.00 (0.03)	0.03 (0.05)	0.00 (0.02)	0.00 (0.04)
Adults per Child†	0.03 (0.34)	0.73 (2.54)	0.10 (0.28)	-1.52 (2.09)
Population Density††	-0.26 ** (0.10)	-0.24 (0.18)	-0.05 (0.08)	-0.13 (0.15)
Collective Efficacy	-0.56 * (0.25)	-0.61 * (0.29)	-0.18 (0.21)	-0.98 ** (0.24)
Voluntary Associations	0.19 (0.12)	0.08 (0.15)	0.14 (0.10)	0.27 * (0.13)
Organizations	0.00 (0.09)	-0.08 (0.11)	-0.03 (0.07)	0.17 * (0.09)
Kin/friendship ties	-0.13 (0.20)	0.20 (0.29)	-0.05 (0.17)	0.36 (0.24)
Constant	5.12 ** (1.08)	3.88 ** (1.53)	2.82 ** (0.89)	5.12 ** (1.26)
Spatial Proximity		0.41 ** (0.05)		0.24 ** (0.06)
R <sup>2</sup>	0.71		0.54	

(Standard Errors in Parentheses)

† Adults per child multiplied by 100

†† Population density multiplied by 10,000

\*\* p<.01; \* p<.05

Sources: 1990-1998 Chicago Police Data; 1995 PHDCN Survey; and 1990 Census