

Supplemental Table 1: Neighborhood-level (ZIP code tabulation level) variables used for indices and their factor loadings

Index	Variables within index	Factor loading
Low socioeconomic Status	Public assistance – [% of households receiving public assistance in the past 12 months for household (B19057)]	0.50967
	No access to a car- [% of households without access to a car (B08201)]	0.73343
	Crowding- [% of households with $\geq 1$ person per room (S2501)]	0.81099
	Poverty status- [% of people living below the federally defined poverty line (S1701)]	0.92761
	Not wealthy <sup>1</sup> - [% of owner-occupied home worth less than or equal to \$300,000 (B25075)]	0.80435
	Low income- [% of households with annual income < \$15,000 (S1901)]	0.87884
	Not high income <sup>1</sup> - [% of households with annual income less than or equal to \$150,000 (S1901)]	0.84413
	Income disparity- [Ratio of low income to high income (derived from percent of households with annual income < \$10,000 and percent of households with annual income $\geq$ \$50,000) (S1901)]	0.90389
	Low education- [% of population aged 25 and over with less than 12th grade education (S1501)]	0.85472
	No graduate or professional degree <sup>1</sup> - [% of population aged 25 and over without a graduate or professional degree (S1501)]	0.77590
	Renting a house- [% of households living in rented house (B25003)]	0.67080
	Unemployment- [% of population age 16 and over unemployed (S2301)]	0.74075
	Not employed in high class work <sup>1</sup> - [% of population aged 16 and over not employed in high working class occupations (ACS occupation group: “managerial, business, science, and arts occupations”) (S2401)]	0.87390
Non-Hispanic Black- [% Non-Hispanic Black (B03002)]	0.51664	
Do not speak English <sup>1</sup> - [% do not speak English well for all populations (C16001)]	0.45081	
Residential instability and homicide	Moving within county- [% population moved within same county (B07003)]	0.69500
	Homicides- [Number of homicides by ZIP codes]	0.69573
Excluded variables <sup>2</sup>	Median income in 2013- [Median household income in 2013 (B19013)]	
	Hispanic- [Percent Hispanic/Latino (B03001)]	

US Born- [Percent born in the US (B05002)]

Non-Hispanic White- [Percent Non-Hispanic White (B03003)]

Not Moving- [Percent population same house 1 year ago  
(B07003)]

Moving from different county- [Percent population that moved  
from different county within same state (B07003)]

Moving from different state- [Percent population that moved from  
different state (B07003)]

Moving from abroad- [Percent population that moved from  
abroad (B07003)]

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<sup>1</sup> Reverse coded from original

<sup>2</sup> Excluded based on Cronbach's alpha