Codebook for Table 9: Commuting Zone-Level Covariates

Description

This table provides commuting zone-level covariates from 1980-2010. Each CZ is uniquely identified by a five-digit code. All covariates in this table are constructed using data from publicly available sources. All county-level covariates are computed as the population weighted means of the corresponding county-level covariate. All variables except for czname are numeric.

Codebook

Variable	Description
cz	Commuting zone identifier (1990 definition)
czname	Commuting zone name
emp_[race][year]	The rate of employment computed as total employed population (including military) between the ages of 16 and 64 (the sum of employed females and employed males) divided by the total population aged 16-64. Source: 1980, 1990, 2000 Decennial Census; 2005-2009, 2006-2010 ACS The 2009 and 2010 estimates are from the 2005-2009 and 2006-2010 ACS, respectively. • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2009, 2010
foreign_share[year]	Number of foreign born residents divided by the sum of native and foreign born residents. Source: 1980, 1990, 2000 Decennial Census and 2005-2009 ACS The 2009 estimates are from the 2005-2009. • [year] is either 1980, 1990, 2000, 2009

frac_coll_[race][year]	Number of people aged 25 or older who have a bachelor's degree, master's degree, professional school degree, or doctorate degree, divided by the total number of people aged 25 or older. Source: 1980, 1990, 2000 Decennial Census; 2005-2009, 2006-2010 ACS The 2009 and 2010 estimates are from the 2005-2009 and 2006-2010 ACS, respectively. • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2009, 2010

gini_[year]	Gini coefficient Source: Census • [year] is either 1990, 2010
hhinc_median_[race][year]	Median household income (in 2023 dollars). Source: 1980, 1990, 2000 Decennial Census; 2005-2009, 2006-2010 ACS The 2009 and 2010 estimates are from the 2005-2009 and 2006-2010 ACS, respectively. • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2009, 2010
percap_inc_[race][year]	Per capita income (in 2023 dollars) Source: 1980, 1990, 2000 Decennial Census; 2005-2009, 2006-2010 ACS The 2009 and 2010 estimates are from the 2005-2009 and 2006-2010 ACS, respectively. • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2009, 2010
poor_share[year]	Share of individuals in the county below the federal poverty line. Source: 1980, 1990, 2000 Decennial Census; 2005-2009, 2006-2010 ACS The 2009 and 2010 estimates are from the 2005-2009 and 2006-2010 ACS, respectively. • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2009, 2010
share_[race][year]	Racial shares in the decennial Census. Source: 1980, 1990, 2000, 2010 Decennial Census • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2010
singleparent_[race][year]	The number of households with female heads (and no husband present) or male heads (and no wife present) with own children under 18 years old present divided by the total number of households with own children. Source: 1980, 1990, 2000, 2010 Decennial Census • [race] is either pooled, white, black • [year] is either 1980, 1990, 2000, 2010
change_emp_[race][year1][year2]	emp_[race][year2] – emp_[race][year] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009 • [year1] is 1990 and [year2] is 2010

change_foreign_share[year1][year2]	foreign_share[year2] – foreign_share[year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009
change_frac_coll_[race][year1][year2]	frac_coll_plus_[race][year2] – frac_coll_plus_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009 • [year1] is 1990 and [year2] is 2010
change_gini[1990][2010]	gini[2010] – gini[1990]
change_hhinc_[race][year1][year2]	hhinc_median_[race][year2] – hhinc_median_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009 • [year1] is 1990 and [year2] is 2010
change_percap_inc_[race][year1][year2]	percap_inc_[race][year2] – percap_inc_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009 • [year1] is 1990 and [year2] is 2010
change_poor_share _[race][year1][year2]	poor_share_[race][year2] – poor_share_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2009 • [year1] is 1990 and [year2] is 2010
change_share_[race][year1][year2]	share_[race][year2] – share_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2010
change_singleparent_[race][year1][year2]	singleparent_[race][year2] – singleparent_[race][year1] • [year1] is 1980 and [year2] is 2000 • [year1] is 1990 and [year2] is 2010