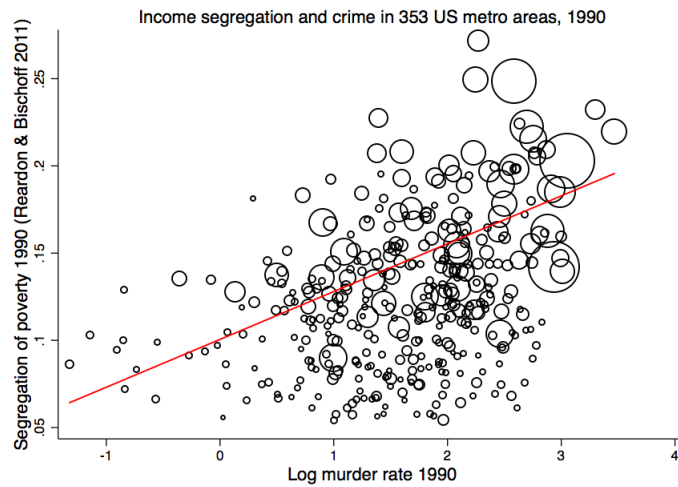


# Income Residential Segregation & Violent Crime 1990-2010 (353 Metropolitan Areas)

## Bivariate associations

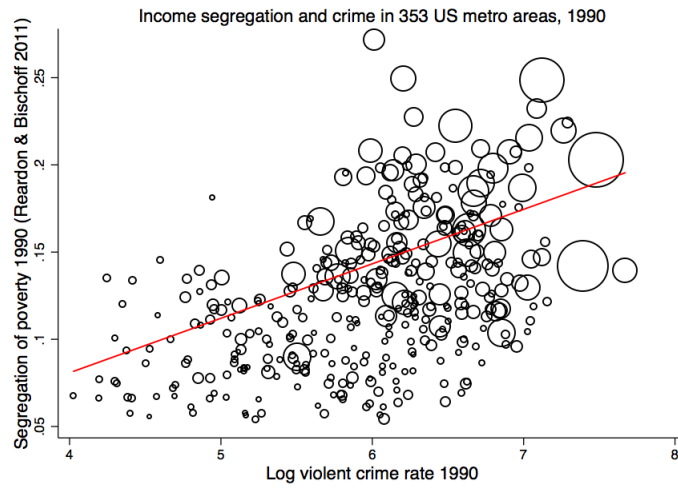
### *Cross-sectional*



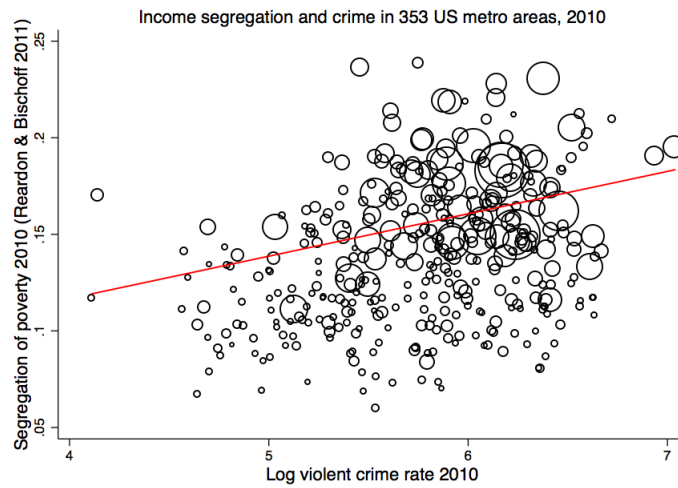
**Figure 1:** Murder rate & segregation of poverty, 1990



**Figure 2:** Murder rate & segregation of poverty, 2010



**Figure 3:** Violent crime rate & segregation of poverty, 1990

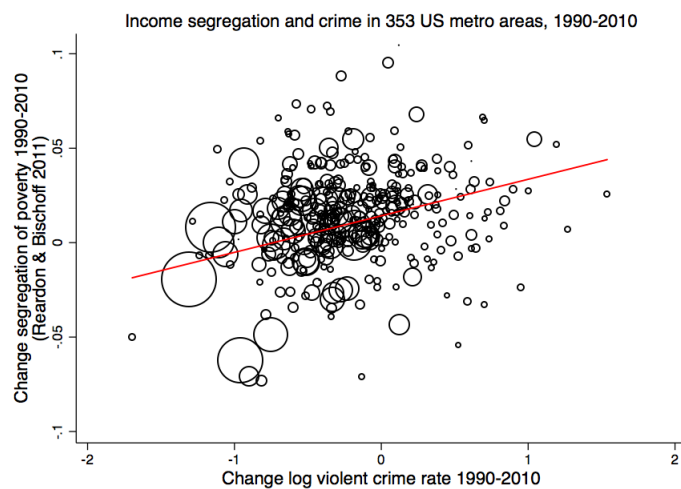


**Figure 4:** Violent crime & segregation of poverty, 2010

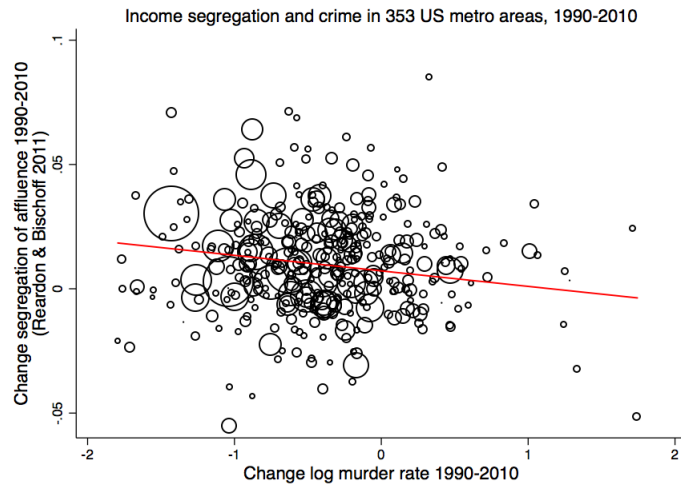
*Changes 1990-2010*



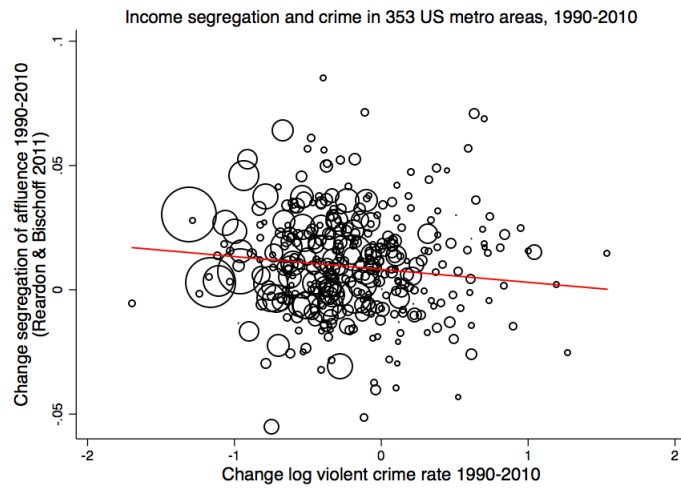
**Figure 5:** Change in murder rate & segregation of poverty, 1990-2010



**Figure 6:** Change in violent crime rate & segregation of poverty, 1990-2010



**Figure 7:** Change in murder rate & segregation of affluence, 1990-2010



**Figure 8:** Change in violent crime rate & segregation of affluence, 1990-2010

**Table 1:** MSA changes in segregation by income and murder, 1990-2010

	Segregation of poverty change 1990-2010			Segregation of affluence change 1990-2010		
	(1)	(2)	(3)	(4)	(5)	(6)
<i>Changes in crime and demographics 1990-2010</i>						
Change log murder rate	0.012** (0.004)	0.007* (0.003)	0.010*** (0.003)	-0.003 (0.003)	-0.001 (0.004)	0.001 (0.003)
Change prop. African-American	-0.089 (0.160)	-0.097 (0.109)	-0.208 (0.152)	0.139 (0.110)	0.029 (0.095)	-0.001 (0.127)
Change prop. White	-0.209 (0.140)	-0.135 (0.090)	-0.252* (0.127)	0.212** (0.079)	0.093 (0.072)	0.060 (0.101)
Change prop. Hispanic	-0.023 (0.130)	-0.055 (0.094)	-0.111 (0.127)	0.272*** (0.069)	0.157* (0.067)	0.042 (0.089)
Change prop. Foreign-born	-0.204 (0.135)	-0.084 (0.094)	-0.239* (0.105)	0.158 (0.100)	0.187* (0.076)	0.234* (0.092)
Change prop. Poverty	0.302 (0.157)	0.302* (0.124)	0.209 (0.155)	-0.002 (0.088)	0.086 (0.092)	0.185 (0.096)
Change prop. College	-0.040 (0.042)	0.068* (0.033)	0.178*** (0.051)	0.030 (0.036)	0.065* (0.032)	0.033 (0.037)
Change prop. Unempl.	-0.276 (0.174)	-0.202 (0.120)	-0.085 (0.128)	0.105 (0.112)	-0.056 (0.105)	-0.014 (0.095)
Change prop. Manuf.	-0.064 (0.062)	0.003 (0.056)	-0.075 (0.068)	-0.020 (0.046)	-0.012 (0.042)	-0.113 (0.063)
<i>Levels of crime and demographics in 1990</i>						
Log murder rate 1990		0.000 (0.003)	0.010** (0.003)		0.009*** (0.003)	0.008* (0.003)
Segr. Poverty 1990		-0.409*** (0.073)	-0.451*** (0.068)			
Segr. Affluence 1990					-0.219*** (0.029)	-0.232*** (0.037)
Prop. African-American 1990			0.017 (0.056)			0.088 (0.060)
Prop. White 1990			0.078 (0.060)			0.091 (0.060)
Prop. Hispanic 1990			0.108* (0.054)			0.095 (0.066)
Prop. Foreign-born 1990			-0.084** (0.031)			0.041 (0.038)
Prop. Poverty 1990			-0.046 (0.063)			0.008 (0.052)
Prop. College 1990			0.081** (0.031)			0.004 (0.029)
Prop. Unempl. 1990			0.076 (0.129)			0.180 (0.117)
Prop. Manuf. 1990			-0.032 (0.034)			-0.079* (0.031)
Adjusted $R^2$	0.126	0.540	0.583	0.138	0.325	0.381
Observations	353	353	353	353	353	353

Robust standard errors in parentheses (\*\*\* p 0.01, \*\* p 0.05, \* p 0.1). All models include population weights.

**Table 2:** MSA changes in segregation by income and violent crime, 1990-2010

	Segregation of poverty change 1990-2010			Segregation of affluence change 1990-2010		
	(1)	(2)	(3)	(4)	(5)	(6)
<i>Changes in crime and demographics 1990-2010</i>						
Change log violent rate	0.024*** (0.005)	0.012** (0.004)	0.015** (0.005)	-0.000 (0.004)	0.004 (0.004)	0.004 (0.004)
Change prop. African-American	-0.186 (0.149)	-0.121 (0.113)	-0.193 (0.144)	0.125 (0.111)	0.060 (0.088)	-0.011 (0.125)
Change prop. White	-0.253 (0.138)	-0.154 (0.085)	-0.216 (0.126)	0.210** (0.078)	0.133 (0.070)	0.067 (0.101)
Change prop. Hispanic	-0.013 (0.117)	-0.058 (0.080)	-0.071 (0.121)	0.274*** (0.070)	0.172** (0.064)	0.049 (0.089)
Change prop. Foreign-born	-0.236 (0.129)	-0.107 (0.093)	-0.237* (0.103)	0.172 (0.099)	0.231** (0.074)	0.248** (0.093)
Change prop. Poverty	0.267* (0.126)	0.322** (0.108)	0.207 (0.159)	-0.019 (0.089)	0.080 (0.096)	0.191* (0.097)
Change prop. College	0.004 (0.038)	0.079* (0.032)	0.163** (0.052)	0.029 (0.034)	0.051 (0.027)	0.016 (0.035)
Change prop. Unempl.	-0.182 (0.148)	-0.195 (0.117)	-0.117 (0.133)	0.110 (0.118)	-0.109 (0.107)	-0.065 (0.096)
Change prop. Manuf.	-0.090 (0.056)	-0.006 (0.051)	-0.093 (0.068)	-0.029 (0.046)	-0.029 (0.040)	-0.128* (0.060)
<i>Levels of crime and demographics in 1990</i>						
Log violent rate 1990		0.003 (0.004)	0.012** (0.004)		0.015*** (0.003)	0.009* (0.004)
Segr. Poverty 1990		-0.397*** (0.063)	-0.425*** (0.061)			
Segr. Affluence 1990					-0.233*** (0.030)	-0.225*** (0.034)
Prop. African-American 1990			0.014 (0.055)			0.089 (0.061)
Prop. White 1990			0.054 (0.057)			0.078 (0.060)
Prop. Hispanic 1990			0.090 (0.052)			0.088 (0.066)
Prop. Foreign-born 1990			-0.087** (0.033)			0.027 (0.040)
Prop. Poverty 1990			-0.080 (0.062)			0.003 (0.052)
Prop. College 1990			0.063 (0.032)			-0.010 (0.026)
Prop. Unempl. 1990			0.065 (0.129)			0.131 (0.122)
Prop. Manuf. 1990			-0.035 (0.035)			-0.081** (0.030)
Adjusted $R^2$	0.217	0.548	0.588	0.133	0.348	0.384
Observations	353	353	353	353	353	353

Robust standard errors in parentheses (\*\*\* p 0.01, \*\* p 0.05, \* p 0.1). All models include population weights.