

# 1 Steering an Neighborhood Poverty Rates: Census Block Group vs. Census Tract Measure

The tables below include a comparison using tests that are described in NBER Working Paper No: 24826. Columns 1-3 in each table use a measure of poverty rates at the census block group level and Columns 4-6 use a measure of poverty rates at the census tract level. Block group data are taken from ACS 2008-2012. Census tract data use data provided in HDS 2012 raw data file *rhgeo* at: [https://www.huduser.gov/portal/datasets/hsg\\_discrimination.html](https://www.huduser.gov/portal/datasets/hsg_discrimination.html)

Table 1. Poverty Rates Testers:  
Ross Puzzle: Tweet 08/09/2018

	Dep. Variable: Poverty Rate					
	Bl Group	Bl Group	Bl Group	Tract	Tract	Tract
African American	0.0122 (0.0086)	0.0124 (0.0085)	0.0159* (0.0088)	0.0001 (0.0001)	0.0001 (0.0001)	0.0001 (0.0001)
Hispanic	0.0217*** (0.0084)	0.0216*** (0.0082)	0.0247*** (0.0087)	0.0001 (0.0001)	0.0001* (0.0001)	0.0001* (0.0001)
Asian	0.0009 (0.0077)	0.0005 (0.0076)	0.0019 (0.0081)	-0.0000 (0.0001)	-0.0000 (0.0001)	0.0000 (0.0001)
Other	-0.0268 (0.0255)	-0.0272 (0.0256)	-0.0245 (0.0254)	-0.0003* (0.0002)	-0.0003** (0.0002)	-0.0003** (0.0001)
Poverty Rate Advert Home	N	Y	Y	N	Y	Y
Racial Comp Advert Home	N	Y	Y	N	Y	Y
ln(Price) Advert Home	N	Y	Y	N	Y	Y
Poverty Rate by Price Bin	N	N	Y	N	N	Y
Observations	21,364	21,342	20,133	28,522	28,514	26,683
Adjusted R <sup>2</sup>	0.5224	0.5237	0.5310	0.8193	0.8193	0.8242

*Note:* \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Note: All regression specifications control for the full set of actor characteristics, assigned characteristics, and search Characteristics. Actor characteristics: tester income, tester household income, gender of tester, age of tester, month of test, educational attainment of tester; Assigned Characteristics: household members, current home ownership status, current lease type, car ownership status, reason for moving, years in current residence, length of employment at current job, reason tester can afford down payment, current lease assigned to tester; Search Characteristics: month of test, sequence of tester appointments, time of the appointment (am/pm), type of recommended building, total number of homes recommended to tester, availability of advertised home as stated by agent

Table 2. Poverty Rates Tester Mothers:  
Ross Puzzle: Tweet 08/09/2018

	Dep. Variable: Poverty Rate					
	Bl Group	Bl Group	Bl Group	Tract	Tract	Tract
African American	0.0523*** (0.0176)	0.0513*** (0.0171)	0.0445** (0.0180)	0.0103 (0.0197)	0.0114 (0.0201)	0.0249 (0.0180)
Hispanic	0.0560*** (0.0144)	0.0523*** (0.0135)	0.0383*** (0.0133)	0.0328** (0.0151)	0.0323** (0.0145)	0.0295** (0.0127)
Asian	0.0360** (0.0175)	0.0331** (0.0167)	0.0240 (0.0172)	0.0353** (0.0160)	0.0339** (0.0161)	0.0227 (0.0198)
Other	0.0092 (0.0372)	-0.0000 (0.0350)	0.0247 (0.0346)	0.0023 (0.0384)	-0.0028 (0.0380)	-0.0088 (0.0349)
Poverty Rate Advert Home	N	Y	Y	N	Y	Y
Racial Comp Advert Home	N	Y	Y	N	Y	Y
ln(Price) Advert Home	N	Y	Y	N	Y	Y
Poverty Rate by Price Bin	N	N	Y	N	N	Y
Observations	7,849	7,840	7,315	7,625	7,625	7,102
Adjusted R <sup>2</sup>	0.4633	0.4647	0.4690	0.6924	0.6922	0.6951

*Note:* \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Note: All regression specifications control for the full set of actor characteristics, assigned characteristics, and search Characteristics. Actor characteristics: tester income, tester household income, gender of tester, age of tester, month of test, educational attainment of tester; Assigned Characteristics: household members, current home ownership status, current lease type, car ownership status, reason for moving, years in current residence, length of employment at current job, reason tester can afford down payment, current lease assigned to tester; Search Characteristics: month of test, sequence of tester appointments, time of the appointment (am/pm), type of recommended building, total number of homes recommended to tester, availability of advertised home as stated by agent