

Regression equations are as follows:

- Level:  $Y_{it} = minority_i + Y_{i,t-1} + \epsilon_i$ 
  - where  $Y_{it}$  is the percentage of democrats for the 5 nearest, 6-10, 11-20, 21-30 neighbors.  $t$  refers to different end years,  $t - 1$  refers to different starting years
- First-difference (FD):  $Y_{it} - Y_{it-1} = minority_i + \epsilon_i$ 
  - Where we put the difference between  $t - 1$  and  $t$  as the outcome variable
- Fixed effects (FE):  $Y_{it} - Y_{it-1} = minority_i + \alpha_i + \epsilon_i$ 
  - Where  $\alpha_i$  is the zip code fixed effects
- Joint:  $Neares5_i = minority_i + \sum_{j=10,20,30} Nearest_i^j + \epsilon_i$ 
  - Where we control the % of democrats in outer rings
- Time:  $Y_{it} - Y_{it-1} = minority_i + time_i + minority \times time_i + \alpha_i + \epsilon_i$ 
  - where  $time_i$  is the years between property acquisition and  $t$
- By race:  $Y_{it} - Y_{it-1} = minority_i + moverdem_i + minority \times moverdem_i + \alpha_i + \epsilon_i$ 
  - where  $moverdem_i$  denotes whether the mover is democrat at the closest observed voter registration file.
- Individual:  $Y_{it} - Y_{it-1} = \sum_{j=5,10,15,20} (\beta^j minority_i^j + \gamma^j mover_i^j) + \alpha_i + \epsilon_i$ 
  - Where  $Y_{it}$  and  $Y_{it-1}$  are neighbor-level outcomes.  $treatment_i$  is a dummy defined as whether minority homeowners moved in as the  $j$  th nearest neighbor.
  - For example, if we observe individual  $i$  is the 4th nearest neighbor of a white mover, 9th nearest neighbor of a minority mover, 11th nearest neighbor of a white neighbor. Then  $treatment^5 = 0, treatment^{10} = 1, treatment^{15} = 0, treatment^{20} = 0$
  - so  $\beta^j$  identifies the effect of an additional minority mover within to the nearest  $j$  ring, holding mover composition of other rings constant.

Table 1: 2017-2020			
	Level	FD	FE
Nearest 5	0.0121*** (0.00205)	0.00401 (0.00208)	0.00391 (0.00215)
Nearest 6-10	0.0142*** (0.00206)	0.00732*** (0.00208)	0.00760*** (0.00216)
Nearest 11-20	0.00819*** (0.00149)	0.00190 (0.00149)	0.00189 (0.00157)
Nearest 21-30	0.00983*** (0.00148)	0.00396** (0.00148)	0.00408** (0.00154)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 2: 2017-2023			
	Level	FD	FE
Nearest 5	0.0206*** (0.00266)	0.00737** (0.00278)	0.00718* (0.00287)
Nearest 6-10	0.0188*** (0.00272)	0.00453 (0.00287)	0.00502 (0.00298)
Nearest 11-20	0.0150*** (0.00196)	0.00321 (0.00204)	0.00300 (0.00212)
Nearest 21-30	0.0175*** (0.00197)	0.00645** (0.00203)	0.00672** (0.00211)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 3: Joint 2017

	2017-2020	2017-2023
minority	0.00328 (0.00220)	0.00592* (0.00296)
Nearest 6-10	0.00290 (0.00963)	0.0163 (0.00912)
Nearest 11-20	0.0332* (0.0135)	0.0406** (0.0137)
Nearest 21-30	0.0145 (0.0130)	0.0307* (0.0134)
_cons	0.00106 (0.00158)	-0.00240 (0.00208)
$N$	11883	11816

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 4: Time 2017

	2017-2020				2017-2023			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
minority	-0.00725 (0.0112)	-0.0152 (0.0113)	0.00689 (0.00798)	-0.000890 (0.00804)	-0.000687 (0.0320)	0.0148 (0.0318)	-0.0631** (0.0232)	0.00866 (0.0235)
minority $\times$ time	0.00565 (0.00422)	0.00708 (0.00423)	-0.00128 (0.00303)	0.00180 (0.00304)	0.00109 (0.00568)	-0.00114 (0.00567)	0.0120** (0.00413)	-0.000234 (0.00418)
$N$	12414	12299	12150	11883	12413	12278	12105	11816

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 5: By race 2017

	2017-2023			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
Minority	0.00497 (0.00862)	-0.00154 (0.00853)	-0.0000306 (0.00621)	-0.00473 (0.00626)
Mover dem	-0.00810 (0.0110)	0.0231* (0.00978)	-0.00814 (0.00806)	-0.00310 (0.00782)
Minority $\times$ mover dem	0.0109 (0.0157)	-0.00872 (0.0149)	0.00864 (0.0114)	0.00190 (0.0110)
$N$	2140	2124	2102	2048

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 6: Individual 2017-2023

	Level	FD	Dem 2017	Dem 2023
minority ring1	0.0129*** (0.00310)	0.00386 (0.00333)	0.0327*** (0.00455)	0.0366*** (0.00454)
minority ring2	0.0147*** (0.00314)	0.00548 (0.00338)	0.0335*** (0.00459)	0.0390*** (0.00457)
minority ring3	0.0113*** (0.00316)	0.00385 (0.00341)	0.0270*** (0.00462)	0.0309*** (0.00460)
minority ring4	0.0145*** (0.00317)	0.00559 (0.00341)	0.0325*** (0.00466)	0.0381*** (0.00464)
mover ring1	-0.00414 (0.00278)	0.00000144 (0.00299)	-0.0150*** (0.00407)	-0.0150*** (0.00406)
mover ring2	-0.00893** (0.00279)	-0.00467 (0.00301)	-0.0155*** (0.00410)	-0.0201*** (0.00408)
mover ring3	-0.00757** (0.00279)	-0.00492 (0.00301)	-0.00961* (0.00412)	-0.0145*** (0.00410)
mover ring4	-0.00500 (0.00279)	-0.00210 (0.00300)	-0.0105* (0.00414)	-0.0126** (0.00412)
_cons	0.0853*** (0.00250)	-0.00111 (0.00267)	0.314*** (0.00360)	0.313*** (0.00359)
$N$	92526	92526	92526	92526

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 7: 2006-2008

	Level	FD	FE
Nearest 5	0.00407** (0.00143)	0.000534 (0.00141)	0.000903 (0.00152)
Nearest 6-10	0.00690*** (0.00140)	0.00366** (0.00137)	0.00388** (0.00146)
Nearest 11-20	0.00266* (0.00106)	0.00000216 (0.00103)	-0.000251 (0.00110)
Nearest 21-30	0.00407*** (0.00111)	0.00109 (0.00111)	0.00138 (0.00115)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 8: 2006-2011

	Level	FD	FE
Nearest 5	0.00886*** (0.00144)	0.000778 (0.00143)	0.00147 (0.00151)
Nearest 6-10	0.0122*** (0.00147)	0.00430** (0.00147)	0.00401** (0.00153)
Nearest 11-20	0.00731*** (0.00108)	0.00142 (0.00105)	0.00175 (0.00112)
Nearest 21-30	0.00839*** (0.00110)	0.00196 (0.00108)	0.00224* (0.00113)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 9: 2006-2013

	Level	FD	FE
Nearest 5	0.0137*** (0.00137)	0.00247 (0.00137)	0.00350* (0.00145)
Nearest 6-10	0.00942*** (0.00134)	-0.00119 (0.00134)	-0.000623 (0.00141)
Nearest 11-20	0.0102*** (0.00102)	0.00240* (0.00100)	0.00393*** (0.00106)
Nearest 21-30	0.0103*** (0.00102)	0.00261** (0.00101)	0.00320** (0.00106)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 10: 2008-2011

	Level	FD	FE
Nearest 5	0.00529*** (0.00123)	0.00105 (0.00121)	-0.000525 (0.00127)
Nearest 6-10	0.00549*** (0.00125)	0.00150 (0.00124)	0.00109 (0.00130)
Nearest 11-20	0.00544*** (0.000935)	0.00252** (0.000914)	0.00177 (0.000960)
Nearest 21-30	0.00741*** (0.000938)	0.00452*** (0.000913)	0.00405*** (0.000958)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 11: 2008-2013

	Level	FD	FE
Nearest 5	0.00778*** (0.00125)	0.000635 (0.00124)	0.000580 (0.00131)
Nearest 6-10	0.00796*** (0.00125)	0.00139 (0.00125)	0.00141 (0.00131)
Nearest 11-20	0.00854*** (0.000924)	0.00307*** (0.000907)	0.00316*** (0.000957)
Nearest 21-30	0.00564*** (0.000943)	0.000508 (0.000928)	-0.0000115 (0.000977)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 12: 2011-2013

	Level	FD	FE
Nearest 5	0.00324** (0.00105)	-0.000355 (0.00104)	-0.0000292 (0.00111)
Nearest 6-10	0.00410*** (0.00108)	0.00125 (0.00104)	0.00112 (0.00111)
Nearest 11-20	0.00312*** (0.000773)	0.000664 (0.000755)	0.000500 (0.000802)
Nearest 21-30	0.00341*** (0.000774)	0.00117 (0.000753)	0.00130 (0.000802)

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$



Table 13: Joint 2006

	2006-2008	2006-2011	2006-2013	2008-2011	2008-2013	2011-2013
minority	0.0000498 (0.00153)	0.000827 (0.00155)	0.00296* (0.00150)	-0.000508 (0.00131)	0.000169 (0.00135)	0.000617 (0.00115)
Nearest 6-10	0.0275* (0.0116)	0.00420 (0.00845)	0.00496 (0.00679)	0.0200* (0.00952)	0.0211** (0.00743)	-0.0104 (0.00999)
Nearest 11-20	0.0236 (0.0173)	0.0167 (0.0114)	0.0137 (0.00927)	-0.00318 (0.0134)	0.0178 (0.0106)	0.0343** (0.0128)
Nearest 21-30	0.00546 (0.0149)	0.0190 (0.0109)	0.000792 (0.00919)	0.00929 (0.0135)	0.0236* (0.0103)	0.00700 (0.0138)
_cons	0.00358*** (0.00108)	0.000566 (0.00112)	-0.00396*** (0.00107)	-0.00217* (0.000913)	-0.00552*** (0.000955)	-0.00368*** (0.000820)
<i>N</i>	8792	19111	27580	13369	21897	12405

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 14: Time 2006

	2006-2008				2006-2011			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
minority	0.00238 (0.00233)	0.00468* (0.00213)	-0.00244 (0.00166)	0.00167 (0.00184)	0.00162 (0.00244)	0.00458 (0.00252)	0.00186 (0.00178)	0.00406* (0.00184)
minority $\times$ time	-0.00162 (0.00175)	-0.000734 (0.00169)	0.00218 (0.00128)	-0.000225 (0.00138)	-0.0000614 (0.000827)	-0.000244 (0.000854)	-0.0000520 (0.000615)	-0.000782 (0.000629)
<i>N</i>	9164	9090	9004	8792	20058	19861	19632	19111

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 15: Time 2006

	2006-2013				2008-2011			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
minority	0.00696** (0.00237)	0.00190 (0.00233)	0.00731*** (0.00172)	0.00139 (0.00173)	0.000552 (0.00204)	0.00158 (0.00202)	0.00230 (0.00151)	0.00424** (0.00149)
minority $\times$ time	-0.00110 (0.000597)	-0.000828 (0.000585)	-0.00108* (0.000436)	0.000563 (0.000433)	-0.000787 (0.00111)	-0.000325 (0.00112)	-0.000372 (0.000821)	-0.000134 (0.000812)
<i>N</i>	29066	28726	28346	27580	13928	13813	13665	13369

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 16: Time 2006

	2008-2013				2011-2013			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
minority	-0.00140 (0.00211)	0.00231 (0.00215)	0.00458** (0.00152)	-0.00119 (0.00158)	0.00127 (0.00166)	0.00257 (0.00159)	0.00189 (0.00115)	0.00169 (0.00118)
minority $\times$ time	0.000883 (0.000733)	-0.000412 (0.000735)	-0.000632 (0.000529)	0.000514 (0.000546)	-0.00136 (0.00130)	-0.00153 (0.00129)	-0.00146 (0.000925)	-0.000386 (0.000933)
$N$	22937	22690	22431	21897	12944	12823	12676	12405

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

Table 17: By race 2006

	2006-2013			
	Nearest 5	Nearest 6-10	Nearest 11-20	Nearest 21-30
Minority	0.00491 (0.00280)	0.00452 (0.00285)	0.00373 (0.00208)	0.00362 (0.00201)
Mover dem	0.00706* (0.00353)	-0.00304 (0.00367)	0.00000324 (0.00254)	-0.000956 (0.00246)
Minority $\times$ mover dem	-0.0111* (0.00493)	-0.00392 (0.00508)	0.000340 (0.00362)	0.00145 (0.00352)
$N$	10013	9938	9854	9623

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table 18: Individual 2006-2013

	Level	FD	Dem 2006	Dem 2013
minority ring1	0.00891*** (0.00210)	0.00350 (0.00217)	0.0374*** (0.00426)	0.0409*** (0.00425)
minority ring2	0.00639** (0.00214)	-0.00114 (0.00222)	0.0520*** (0.00430)	0.0509*** (0.00429)
minority ring3	0.00616** (0.00217)	0.000958 (0.00225)	0.0360*** (0.00435)	0.0369*** (0.00434)
minority ring4	0.00811*** (0.00222)	0.00243 (0.00229)	0.0392*** (0.00439)	0.0416*** (0.00438)
mover ring1	-0.00487* (0.00219)	-0.00274 (0.00227)	-0.0147** (0.00452)	-0.0175*** (0.00451)
mover ring2	-0.000758 (0.00221)	0.00146 (0.00229)	-0.0153*** (0.00449)	-0.0138** (0.00448)
mover ring3	-0.000918 (0.00219)	-0.000591 (0.00227)	-0.00226 (0.00450)	-0.00285 (0.00449)
mover ring4	0.00226 (0.00220)	0.00206 (0.00228)	0.00142 (0.00450)	0.00347 (0.00449)
_cons	0.0373*** (0.00256)	-0.00541* (0.00267)	0.295*** (0.00514)	0.290*** (0.00512)
<i>N</i>	82262	82262	82262	82262

Standard errors in parentheses

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$