There Votes the Neighborhood: Gentrification, Displacement, and Political Participation in Atlanta

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Abstract

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Introduction

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Gentrification as a State Practice

The latter half of the 20th century for the American metropolis was characterized by urban flight, disinvestment, and hyper-segregation. In the aftermath of the 1965 civil rights movement, many white Americans fled urban areas, both leading and following jobs out of these areas (Jackson 1985; Sugrue 1998). While middle class white Americans were able to decamp for suburban areas, even relatively wealthy Black Americans were forced to remain in decaying urban neighborhoods thanks to racial steering from the real estate industry and racist lending practices by financial institutions (Rothstein 2017). Massey and Denton (2003) documents many of the implications of this de facto segregation, demonstrating the vulnerability of Black Americans—regardless of class—to economic adversity. As Taylor (2019) shows, the consequences of these restrictive lending practices did more than simply keep Black Americans out of the suburbs: they also inhibited Black residents from buying property in their neighborhoods or investing in property that they did own. Declining tax bases and waning political capital meant that public services in urban areas deteriorated quickly, hastening the out migration of those who could do so (see, for instance, Phillips-Fein 2017). In the late 20th and early 21st centuries, these patterns reversed as Americans began moving back to some urban areas. Increased capital investments (Birch 2009) formed an important part of this back-to-the-city movement (Hyra 2015). As increasing numbers of highlyeducated and highly-compensated Americans sought to live in cities such as San Francisco and New York, communities that had been marginalized (both economically and physically) for a generation or more found themselves residing in areas with increasing potential value. As Samuel Stein argues in Capital City (2019), financial capitalists recognized the mismatch between the current and potential income being produced in urban neighborhoods. He explains: "Real estate speculators choose to invest in a particular location because they identify a gap between the rents that land currently offers and the potential future rents it might command if some action were taken" (Stein 2019, 49). Stein argues, however, that gentrification is at heart a political issue; it cannot transpire without the state clearing the way for investors to exploit that value gap. Smith (2002, 441, emphasis added) makes this point even more explicitly: "By the end of the twentieth century," he writes, "gentrification fueled by a concerted and systematic partnership of public planning with public and private capital had moved into the vacuum left by the end of liberal urban policy."

This analysis of the state-led nature of gentrification is echoed in the popular press, where journalists often draw links between state action and increased rents. When discussing the rezoning of the Inwood neighborhood in Manhattan, for instance, the *New York Times* wrote that "After the rezoning plan was announced in 2013, years before it was enacted, real estate investors swooped into Inwood and bought more than \$610 million in properties" (Haag 2019). Public infrastructure programs, such as the BeltLine Park in Atlanta, are also led by the state and feared by residents for their potentially displacing effect (Lartey 2018). Whether the state is explicitly subsidizing development in an area by providing improved public goods or implicitly subsidizing it by allowing for higher-intensity development, the state's involvement is clear. It is perhaps unsurprising, then, that many communities where state investment has historically been virtually nonexistent are fighting back against plans that would increase financial investment in their neighborhoods (e.g. Lees, Annunziata, and Rivas-Alonso 2018).

The state, then, is inherently involved in the gentrification of American cities. State (in)action led to under-investment in these neighborhoods in the 20th century, and state action is now paving the way for private interests to capitalize on that history. And yet, the existing work on gentrification has largely ignored how—or whether—residents hold the state accountable for their changed life circumstances. Scholars have instead focused

on the non-state consequences of gentrification, asking questions primarily about whether gentrification leads to displacement (Hwang and Ding 2020), how it effects education (Keels, Burdick–Will, and Keene 2013), whether it increases employment (Meltzer and Ghorbani 2017), its effects on crime (Papachristos et al. 2011), and other matters. While these questions certainly have merit, understanding whether residents turn to the ballot to contest gentrification is of key importance given the role of the state in its mechanics.

The Potentially Politicizing Nature of Gentrification

Policy Threat

A growing body of literature in political science and sociology documents how citizens respond when they face threatening circumstances. While sociologists have historically focused on "extra-institutional" political behavior such as protest and social movement participation, political scientists have often focused more narrowly on political *outcomes* (Barrie 2021). Both disciplines, however, provide insights into how political behavior is shaped by government action.

Throughout this literature runs the notion of governmental or policy threat: namely, when individuals feel that they or a group to which they belong are being targeted by government policy, they can be mobilized to take action (Tam Cho, Gimpel, and Wu 2006). Van Stekelenburg and Klandermans (2013, 897) explain: "The more people feel that interests of the group and/or principles that the group values are threatened, the angrier they are and the more they are prepared to take part in protest to protect their interests and principles and/or to express their anger." Almeida (2018) characterizes these threats from the state as "rights eroding" threats, noting that threats to abortion and welfare programs often spur citizens to take action. Reese (2011) similarly documents how citizens faced with President Bill Clinton's Personal Responsibility and Work Opportunity Reconciliation Act of 1996, which

threatened to radically undermine the U.S.'s social safety net, were mobilized into resistance. Key to this mobilization is the understanding that group-level processes are at work: Piven and Cloward (1979) and Schlozman and Verba (1979), for instance, document how workers become politically engaged when they understand their unemployment as a widespread phenomenon that demands collective government response and not an individual failure.

Zepeda-Millán (2016) offers key insight into how even "unconventional" political actors can be mobilized to participate under certain circumstances. He uses the case of Latinos in Fort Myers, Florida, to demonstrate these processes. In 2006, Americans across the country took to the streets to protest *The Border Protection, Antiterrorism, and Illegal Immigration Control Act of 2005* (H.R. 4437), widely considered to be discriminatory toward Latinos. The bill sought to change the penalty for being an undocumented immigrant from a misdemeanor to a felony, and to provide vast new resources for border enforcement. Zepeda-Millán (2016, 270) shows how neighborhood context and the cultivation of shared Latino identities led "unconventional political actors—from local soccer league players and nannies to farmworkers and ethnic entrepreneurs—to utilize pre-existing neighborhood assets for the purpose of immigrant mass mobilization."

These policy threats have also been shown to induce citizens to cast ballots at higher rates. Ariel White (2016), for instance, documents how strict immigration enforcement led to higher turnout rates among Latinos in counties across the country. Similarly, Towler and Parker (2018) argues that Black Americans turned out at high rates in the 2016 president because of the threat posed to their community by Donald Trump. Tam Cho and colleagues (2006, 978), in a study demonstrating higher turnout among Arab Americans who feel threatened, sum up: "A solid body of evidence... indicates that political mobilization is a direct response to the degree of threat and discrimination a group experiences."

Gentrification can be understood through this same lens; as discussed above, the state plays a central role in the facilitation of gentrification. Although Thorpe (2021) argues that schol-

ars have not historically acknowledged the importance of law and policy in the easing of gentrification, the scholars and activists have long written about gentrification using the language of rights. Since Henri Lefebvre's 1968 Le Droit à la Ville (1968), scholars and activists have counterposed the demands of capital with citizens' "right to the city" and, more recently, "right to stay put" (see, for instance, Hartman 2002). Insofar as residents understand gentrification as an infringements on their right to their home or community, it likely activates many of the same responses that have been identified in other contexts of policy threat. Given the highly racialized nature of contemporary gentrification (Freeman and Cai 2015), nonwhite residents may further feel targeted due to the racial identities of their communities.

Betancur (2002) explores how these processes play out in the context of West Town (a collection of neighborhoods in Chicago) in the early 1990s and 2000. Betancur notes that, "Concerned about improving the tax base, city hall did all it could to promote gentrification." Ultimately, "A crucial element at work in West Town was public-sector support for the processes and institutions that made use of public powers of social control to make life miserable for minority low-income residents" (806). Betancur argues that the state's role in gentrification was contested politically through both institutional and non-institutional means. Gentrification was a major issue in alderman elections in 1999, following the splitting of the area into 4 wards in the aftermath of the 1989 census. But Betancur also shows how the political process played out in non-institutional spaces as well. To take one example, "Puerto Ricans made great advances in controlling local schools, getting local institutions (e.g., hospitals and churches) to pay attention to their needs and cultural and economic realities, promoting community identity and pride, and gaining respect from political forces" (802).

Similarly, Martin (2007) shows how communities in Atlanta, Georgia, resist political displacement in the face of gentrification. Worried about the rising numbers of newcomers to their neighborhoods, long-term residents created or invested in organizations to represent

their interests. Martin describes how new and existing residents of the Belleview neighborhood struggled for the upper political hand: "For seven years, long-time residents and new residents engaged each other in a series of bitter conflicts over political influence. Through separate organizations, they challenged each other about new neighborhood amenities such as a neighborhood library, a grocery store, and streetscaping in the neighborhood business district. They also sparred over valid means to control crime in the neighborhood, over appropriate neighborhood leadership, and even over the process of gentrification itself" (616). It is clear that, at least under certain circumstances, long-term residents in gentrifying neighborhoods are able to organize politically—in an electoral sense or otherwise—to contest the gentrification process.

Social Cohesion

While the policy threat literature indicates that gentrification might lead to higher turnout as a community feels itself threatened by the state and by real estate capital, other work indicates that gentrification could reduce turnout by undermining social solidarity within a neighborhood. In fact, the lone paper of which I am aware exploring the turnout effects of gentrification (Knotts and Haspel 2006) comes to this conclusion, finding that turnout for long-term residents in gentrified neighborhoods in Atlanta was lower than long-term residents residing elsewhere. However, because they use only a single snapshot of the registered voter file and compare all voters in gentrified neighborhoods to all voters elsewhere, any causal interpretation of these results is suspect.

Despite limitations in their quantitative analysis, Knotts and Haspel (2006) provides a help-ful theoretical overview of how the neighborhood and social disruption that attends gentrification can reduce voter participation. This is in line with work such as Levine et al. (2018), which investigated the influence of neighborhood stability—measured using home ownership rates, residential move rates, and median age—was positively associated with political

participation in Boston.

More generally, individuals with stronger ties to their communities generally vote at higher rates. Verba, Schlozman, and Brady (1995)'s civic voluntarism model indicates that voters' voluntary associations, churches, and workplaces provide them with the tools to participate in democracy. To be sure, political scientists have long argued that there is a social pressure to vote (e.g. Riker and Ordeshook 1968), and there is evidence that citizens participate at higher rates when they fear the opprobrium of their neighbors. Gerber, Green, and Larimer (2008) provides one famous example, in which potential voters were assigned to one of four treatment groups. Being reminded that voting is a civic duty, informing voters that their behavior would be studied by researchers, or being told the turnout of members of the household all increased turnout modestly. But the final treatment—being informed of the turnout of ones neighbors, and an implication that the voter's neighbors would be informed about whether they voted—increased turnout by more than 8 percentage points. In short, the social pressure to vote is considered one of the strongest determinants of whether a citizen casts a ballot.

These social ties, however, are apparently weaker in gentrifying / gentrified neighborhoods. Gentrification can reduce the strength of local churches (Holmes 2020); the same is true of local businesses (Zukin et al. 2009). These are the sorts of places where social capital is built; it is perhaps unsurprising, then, Newman, Velez, and Pearson-Merkowitz (2016, 340) concludes that "gentrification 'loosens' the social fabric of black communities" and results in lower trust in neighbors and lower reported political engagement, although they recognize the need for "longitudinal and experimental research designs," which their work lacks (341). Similarly, Betancur (2011) traces the dissolution of social network and local institutions in Latino communities in Chicago undergoing gentrification. Gentrification clearly poses a serious threat to the social capital long associated with higher civic participation and may thus lead to lower turnout.

Administrative Data to Explore Gentrification

Although this project is primarily about the potentially politicizing effect of remaining in, or leaving, a gentrifying neighborhood, it also joins recent scholarship that uses administrative data to understand how gentrification shapes residential mobility patterns in a given region. QUICK OVERVIEW OF THIS LITERATURE

The Case of Atlanta

This study looks at the case of Atlanta, Georgia, one of the Southeastern United States' major metropolises. I use Atlanta for both theoretical and practical reasons.

In the fall of 2021, Atlantans elected XXX as their new mayor. While the mayoral race dealt with many issues, a central one was gentrification. Local papers such as *The Atlanta Journal-Constitution* (Capelouto, DiRico, and Perry 2021) wrote articles in the months leading up the election examining how gentrification could shape the race. Census data released shortly before the election underscored the demographic changes occurring in the city: . Scholars and journalists alike have noted how redevelopment plans and public infrastructure have contributed to gentrification in the city (e.g. Immergluck and Balan 2018; Ashly 2020)

For more than a century Atlanta has been considered a major center of Black life in America. W.E.B. Du Bois wrote his 1903 *The Souls of Black Folk* while at Atlanta University; Martin Luther King, Jr., called the city's Ebenezer Baptist Church home for the final years of his life; and Stacey Abrams launched her gubernatorial campaign while representing part of Atlanta in the Georgia General Assembly. Given this history, the racial dynamics at play in the gentrification of Atlanta are particularly salient.

Keisha Lance Bottoms served as mayor for the four years before the 2021 election. Throughout her mayoralty, activists accused her of giving in to real estate developers and doing little

to stop gentrification. Spelman students in 2019, for instance, protested her as their commencement speaker over her perceived support for gentrification (Habersham 2019), and in early 2020 a group of Atlanta activists travelled to South Carolina "to question democratic presidential candidate Joe Biden about why his top Georgia Surrogate, Atlanta Mayor Keisha Lance Bottoms, wasn't doing more to stop low-income black people from being displaced from their homes" (Deere 2020). In September of 2020, the role of the state in the gentrification of the city was laid bare by a story published in *Mother Jones* (Thompson 2020), in which a former Atlanta Police Department patrol officer said he was directed to arrest Black residents in certain neighborhoods to speed up the gentrification process. Although she created an antidisplacement tax fund to protect homeowners later in 2020 (Latimore 2020), she declined to run for reelection in 2021. THIS SECTION TO BE BEEFED UP AS MORE CONVERSATION ABOUT MAYORAL RACE COMES IN DURING OCTOBER 2021.

Moreover, the politics of Atlanta and its environs hold dramatic import for the rest of the nation, as the 2020 presidential and 2021 U.S. Senate races demonstrated. In 2020, President Joseph Biden carried the Peach State by a slim margin of under 12,000 votes, or just a quarter of a percentage point. Georgia had not been won by a Democratic presidential candidate in a generation, since Bill Clinton carried the state for his first term in 1992. The results of the U.S. Senate races threw this into perhaps even greater relief. Although Georgia had not elected a Democratic U.S. Senator since 1996, both of the state's senate seats were captured by Democratic candidates in the runoff election held in January, 2021. The victories of Raphael Warnock and Jon Ossoff resulted in the U.S. Senate being evenly split between Democrats and Republicans, with Vice President Kamala Harris' tie-breaking vote giving the Democrats effective control of the chamber. High turnout in Fulton County—home to Atlanta—was key in each of these races, where Biden's margin over Donald Trump was a quarter-million votes. Warnock and Ossof both similarly outran their competitors in Fulton County by more than 200 thousand votes.

Atlanta also uniquely lends itself to voter file analysis. As discussed in greater depth below, I rely in this study on voter file records to both identify where individuals move and to track their political participation. This necessarily means that I can only observe the behavior of individuals who are registered to vote, a condition that leaves me incapable of following noncitizens through time. Atlanta, however, has a relatively small noncitizen population: according to the Census Bureau, some 94% of the city's population 18 years and older are citizens, contrasting with a median of 90% for the country's 50 largest municipalities.

Of course, many eligible adult citizens throughout the United States are not registered to vote; this too, however, is less common in Georgia than elsewhere. In 2010, roughly 500,000 individuals were registered to vote in Atlanta, out of a full adult population of XX. In other words, approximately 93% of adult Atlantans are registered to vote, a sample size that is an order of magnitude larger than even the broadest former studies (e.g. Hwang and Ding 2020). Thanks to automatic voter registration, which switches registration at the DMV from an opt-in to an opt-out system that hugely increased registration in Georgia (Morris and Dunphy 2019). As of 2021, Georgia had one of the highest registration rates in the country, with 95% of adult citizens on the rolls (Niesse 2021). Finally, Georgia is also one of just eight states where individuals self-identify their race when they register to vote, allowing me to investigate race-specific effects in this project.

A final feature of Atlanta elections makes it particularly well suited for a project of this sort. The federal system of governance in the United States means that some municipalities hold their local elections in odd-numbered years. These so-called "off-year" elections are characterized by low and uneven turnout without the excitement and spending of federal races available to encourage citizens to vote (see, for instance, Hajnal 2009). Atlanta is one such city, in which the mayor was most recently elected in November of 2021. While the representational impacts of such off-year elections are concerning, they do allow us to study whether gentrification in Atlanta had unique effects for local and national contests.

Data and Methods

Voter File Records

This study primarily leverages administrative voter file records both to identify residents' political engagement and to track their residential mobility over time. In all but one state in the nation, voters are required to register prior to casting a ballot. These records include information including the voter's date of birth; their gender; their address; and, in eight states including Georgia, their self-identified race. Importantly, these files also include unique voter identification numbers that remain constant across time, even when voters move from one county to another. Using near-annual snapshots of these files between 2010 and 2020 (which have been geocoded using the Texas A&M Geocoding Service) I follow residents of Atlanta across time and space.

It is worth noting that the use of the registered voter file marks an important step forward in rigor of our understanding of residential moves in the face of gentrification. In 2010, just shy of a half-million individuals were registered to vote in Atlanta. Such a large sample dwarfs other recent studies. Hwang and Ding (2020), for instance, uses the credit records of 50,000 residents of Philadelphia. My sample is thus 10 times as large as theirs—despite the fact that Philadelphia is triple the size of Atlanta. By no means does this undercut the importance of the data used in Hwang and Ding (2020); their analysis of household debt and mortgages provides tremendous insight into the financial implications of gentrification. Nevertheless, the fact remains that the voter file data provide an unparalleled look at residential mobility patterns.

To be sure, there are some important drawbacks to the use of these voter file records to interrogate residential mobility. Firstly, there are certain nonrandom selection biases at play: noncitizens, for instance, cannot legally register to vote and are therefore not tracked in this study. Similarly, citizens who are not registered to vote for any reason—whether

because they are legally barred from doing so due to a felony conviction or simply do not care for electoral politics—are also excluded from this set. As described in the section above, however, there is reason to believe these biases are less problematic in Georgia, where a smaller share of the adult population are noncitizens and where the registration rate is so high.

There are other potential issues with the use of voter file data. For instance, if an individual moves but does not update her registration, she may appear to still live in her old neighborhood. This too is less likely to be an issue in Georgia, one of only a handful of states with so-called "use it or lose it" voter registration rules. In Georgia, voters can be removed from the rolls for failing to participate in an election and failing to confirm one's address; indeed, Georgia is consistently criticized in the press and by advocacy groups for how aggressively it removes voters from its rolls (e.g. Kauffman 2018; Amy 2021). It is thus less likely that individuals who have moved in Atlanta will continue to be registered at their old address than in other cities in other American states.

Finally, as with much administrative data, the interpretation of an individual who falls out of the dataset over the study period is not entirely straightforward. There are multiple reasons an individual might have been registered in 2010 but no longer be on the rolls in 2020. They may have died; they may have been convicted of a felony; they may have moved out of the state; or they may have simply withdrawn from the democratic process. Although we cannot tell why individuals in Georgia are removed from the voter roll, their absence is nonetheless an important political outcome. Should we find that individuals who lived in gentrifying neighborhoods are disproportionately likely to no longer be registered in 2020, we can still make important conclusions about structural forces pushing these individuals out of the body politic, despite an inability to pinpoint the exact mechanism.

Census Block Group Data

Throughout these analyses, I am interested in housing and demographic change at the neighborhood level, using Census block groups as the unit of analysis. Neighborhood demographics are constructed using data from the 5-year American Communities Survey from the US Census Bureau.

As much of the recent scholarship on gentrification has pointed out, gentrifying neighborhoods are characterized along two dimensions: they must 1) start from a position of economic deprivation relative to the rest of the city, and 2) they must "exhibit[] socioeconomic upgrading" (Hwang and Ding 2020, 369). In this study, block groups are considered gentrifiable if their median income in the base year (according to the 2006–2010 ACS survey) was lower than the city-wide median income. I use Hwang and Ding (2020)'s definition of socioeconomic upgrading to identify the neighborhoods that actually gentrified: block groups are considered gentrifying if they experienced an above-average growth between 2010 and 2020 A) in median gross rent or median home value, and B) in the share of the population with a college education. It is worth noting that such an approach does not consider the political implications of gentrification that occurred before 2010; neighborhoods that had already gentrified, and thus perhaps had an above-average income in 2010, are not considered gentrifiable.

Figure 1(a) plots the three categories to which neighborhoods are assigned: gentrified, potentially gentrifiable, and ungentrifiable. The map makes two things immediately clear: first, the northern half of Atlanta, home to the affluent Buckhead district, had markedly higher incomes than the southern half in 2010, rendering this part of the city ineligible for gentrification. The economic segregation is stark: virtually no neighborhoods in North Atlanta had below-average incomes in 2010, while virtually every neighborhood in the south did. Figure 1 also makes clear that the neighborhoods that went on to gentrify were largely "buffer" neighborhoods—block groups that were gentrifiable, but immediately adjacent to

neighborhoods with higher-than-average incomes in 2010.

Figure 1(b) demonstrates that neighborhoods that were gentrifiable in 2010 were also home to far larger Black populations than the neighborhoods with above-average incomes. As a reminder, the defintion of gentrifiable relies *only on income*; the base-year racial composition is not part of the neighborhood assignment. Nevertheless, the definition clearly identifies racial differences by neighborhoods.

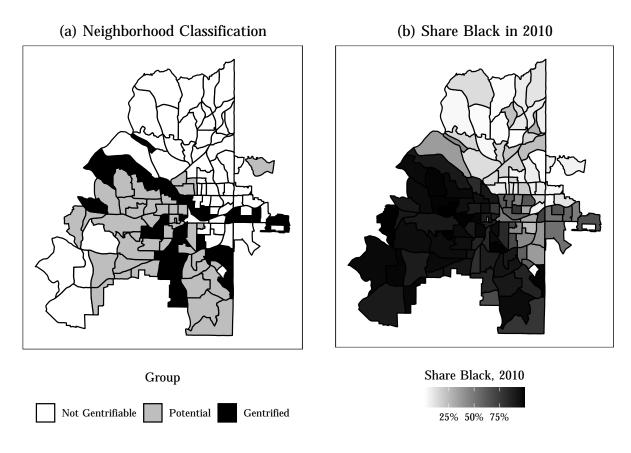


Figure 1: Neighborhood Classification and 2010 Racial Composition

In Table 1, I present the individual-level characteristics of the voters who fall into each of these three neighborhood types in 2010. Although the age and, to a lesser extent, gender compositions of the neighborhoods are roughly comparable, the similarities end here. While it comes as no surprise that non-gentrifiable neighborhoods in 2010 were whiter, higher-income, and lived in areas with higher home values, the distinctions between the gentrified

and gentrifiable neighborhoods bear further scrutiny. While the neighborhoods had similar incomes, the neighborhoods that actually went on to gentrify were considerably less Black than those that did not gentrify. This perhaps points to gentrifier preference for less-Black neighborhoods, a finding corroborated in other scholarship [CITE]. Of particular note is that gentrified neighborhoods had *lower* rents but *higher* home values in 2010. This could point to the "rent gap" identified by Stein (2019) discussed above.

Table 1: Demographics by Neighborhood Category, 2010

Variable	Gentrifiable	Gentrified	Not Gentrifiable
% White	6.1%	14.6%	59.1%
% Black	79.0%	69.6%	25.2%
% Male	44.4%	47.8%	49.8%
Birth Year	1966.7	1966.6	1966.3
Median Income	\$16,242.47	\$17,113.47	\$46,212.63
Median Gross Rent	\$798.99	\$729.71	\$1,028.99
% Renters	60.5%	61.3%	44.1%
Median Home Value	\$137,374	\$164,468	\$388,216
N	90,325	49,601	163,869

Residential Moves

I now ask a series of questions central to gentrification studies: are individuals who live in neighborhoods that gentrify more likely to move, or do they remain in place, able to enjoy the potential increase in benefits that attend to a newly-affluent community? And, for those who do leave gentrifying neighborhoods behind, do they leverage some of the increased value in their old community and move to higher-income neighborhoods? Or are they pushed to other low-income neighborhoods?

To untangle these questions, I use a number of multinomial logistic regressions. In each of the models, I limit the pool to registered voters who lived in neighborhoods that were gentrifiable in 2010, testing whether the outcomes for voters who lived in neighborhoods that

gentrified ("treated" voters) differed systematically from those who lived in neighborhoods that did not ("control" voters). In the first model, presented in Figure 2, I test whether treated voters were more likely to remain at their 2010 address, move within Atlanta, move outside of Georgia but within Atlanta, or drop out of the administrative records. In the first row, I present the simple means for each group. In the second row of the figure, I include a set of covariates (age; race; gender; registration date, to control for how up-to-date the administrative record is; and neighborhood income, rent, share renters, and home value in 2010). These covariates are held at their means in the plot; the full regression tables can be found in the Supplementary Information (SI).

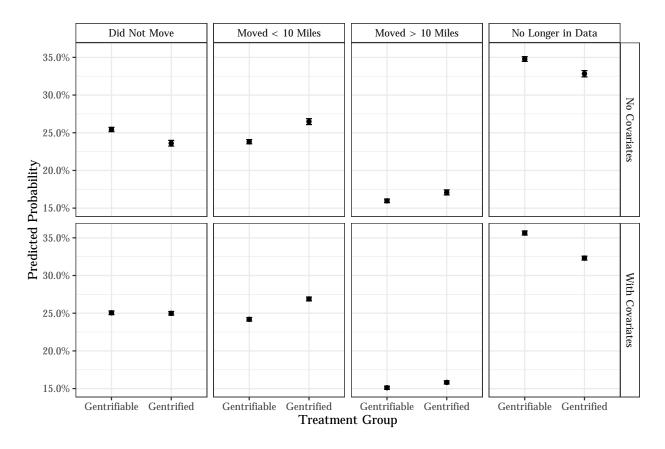


Figure 2: Predicted Probabilities of Residential Moves

After controlling for covariates, voters in gentrified neighborhoods were no more likely to move than voters who lived in gentrifiable neighborhoods that did not undergo the same level of socioeconomic upgrading. Among the three-quarters of voters who moved, however, there were systematic differences in where they ended up: voters leaving gentrified neighborhoods were more likely to make short moves of 10 miles or less; voters leaving gentrifiable neighborhoods, on the other hand, were more likely to drop out of the data entirely, probably indicating that they moved out-of-state; regardless of the reason for not being observed in the data in 2020, control voters were less likely to be part of the registered electorate in Georgia 10 years later. Only a relatively small share of each group (less than 20%) moved more than 10 miles within Georgia.

Having established that treated voters were no more likely to move than untreated voters over the 2010–2020 decade, I now ask whether—conditional on moving within Georgia—treated voters moved to different types of neighborhoods than control voters. In Figure 3 I explore how the income of the destination neighborhood compared to the original neighborhood. If a voter moved to a neighborhood with an identical median income, this outcome variable would take the value 100%.

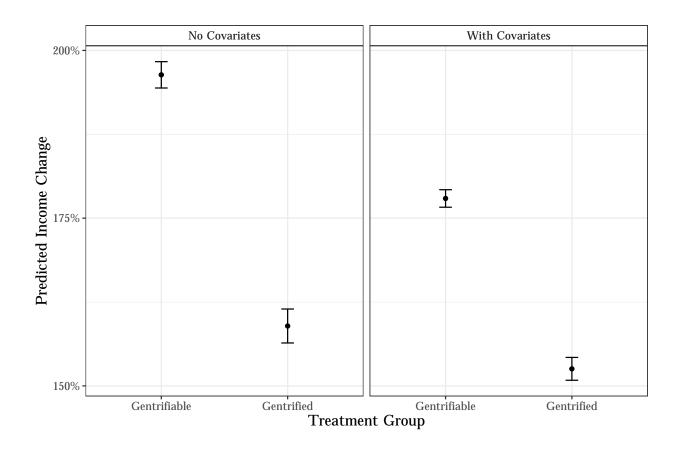


Figure 3: Predicted Income Based on Origin Neighborhood Type

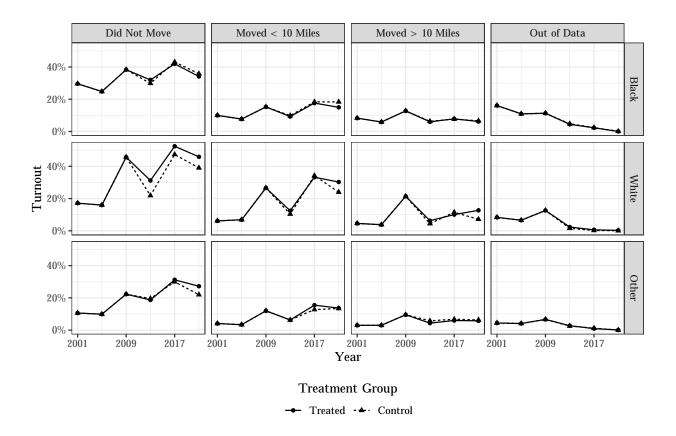


Figure 4: Turnout in Local Races

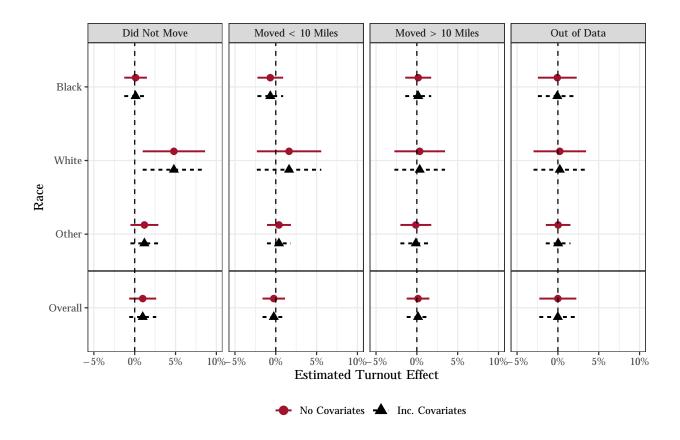


Figure 5: Estimated Turnout Effects

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