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“Boundaries in Motion: Effectiveness and Efficiency of School Redistricting”  
(joint with Tomas Monarrez and Yifei Wang)

Abstract: Most school districts in the United States use attendance boundaries to delineate access to public schools. We use newly available data on the complete set of boundaries from more than 2,000 school districts over 2011 to 2021 to show that these boundaries change frequently in "redistricting events", with important consequences for students and homeowners. Using a matched pair difference-in-difference design, we profile the nature of each redistricting event in terms of its impacts on diversity, proximity, capacity, and choice in the district. Using clustering methods, we find that most redistricting events either seek to increase choice or to decrease diversity of schools in the district. We then estimate the average and profile-specific effects of redistricting on student outcomes and home values. Preliminary results suggest that house prices rise after segregating redistricting events. The final step of the analysis employs a double-matching approach to investigate the redistricting effect on different communities within districts.