“THE LONG-RUN EFFECTS OF AMERICA’S LARGEST RESIDENTIAL RACIAL DESEGREGATION PROGRAM: *GAUTREAUX”*

Replication Package

This memo provides an overview of the code for replicating the analysis in “The Long-Run Effects of America’s Largest Residential Racial Desegregation Program: Gautreaux”’ by Eric Chyn (eric.chyn@austin.utexas.edu), Robert Collinson (rcollin8@nd.edu), and Danielle Sandler (danielle.h.sandler@census.gov). Due to data confidentiality laws and agreements, we are not able to provide microdata. We certify that we, the authors of the manuscript, have legitimate access to and permission to use the data used in this manuscript.

DISCLAIMERS AND ACKNOWLEGEMENTS

The Census Bureau's Disclosure Review Board and Disclosure Avoidance Officers have reviewed this information product for unauthorized disclosure of confidential information and have approved the disclosure avoidance practices applied to this release. This research was performed at a Federal Statistical Research Data Center (FSRDC) under FSRDC Project Number P-7502381. This project received financial support from the National Science Foundation (NSF Award Number: 2018266). This research uses data from the Census Bureau's Longitudinal Employer Household Dynamics Program, which was partially supported by the following National Science Foundation Grants SES-9978093, SES-0339191 and ITR-0427889; National Institute on Aging Grant AG018854; and grants from the Alfred P. Sloan Foundation. The U.S. Census Bureau has not reviewed the paper for accuracy or reliability and does not endorse its contents. Any conclusions expressed herein are those of the authors and do not necessarily represent the views of the U.S. Census Bureau. All results from FSRDC Project Number P-7502381 were approved for release by the U.S. Census Bureau, Disclosure Review Board (DRB) approval number(s): CBDRB-FY22-CES018-018, CBDRB-FY23-CES018-007, CBDRB-FY24-0184.

OVERVIEW OF THE CODE AND FOLDER STRUCTURE

All replication code is saved in the folder "0_Code." The programs saved in subfolders of “0_Code” that are numbered 1-5 rely on confidential microdata that we cannot provide under our data-sharing agreements. Without the confidential microdata, the programs in this replication package cannot be run. Programs saved in the subfolder numbered 5 (“\0_Code\5_format_output\”) combine and format estimates created from the analysis in the subfolders numbered 1-5 and produce the tables as they appear in the paper and its online appendix. These tables and figures appear in final versions in (“1_Output”)

For the underlying Gautreaux data used for this project, you may contact the Office of Policy Development & Research in the U.S. Department of Housing & Urban Development (HUD). Gautreaux program records were matched by the Census to anonymous identifiers, which were then used to link to the various data sets held by the Census including Census surveys, address histories, and LEHD records. Please contact the authors for more details.

MAPPING OF TABLES AND FIGURES TO PROGRAMS

MAIN PAPER

Table 1: analysis code saved in "\0_Code\1_summary_stats_balance\"; "Balance_mainsamp.do" conducts balance tests for the main analysis sample of Gautreaux children appearing in Columns (3) and (4); "Census_endogenousmovers_samp.do" conducts the "balance" test for the "endogenous movers" sample of 2000 census households appearing in Columns (1) and (2). Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Table 2: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Placement_neighborhood_regressions.do" conducts the analysis of initial placement neighborhood characteristics and formats the output for the table.

Table 3: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of earnings in the top and middle panels. "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of homeownership using the Census and MAF-ARF outcomes in the bottom panel. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Table 4: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts analysis of later-life neighborhood characteristics from the MAF-ARF and marriage outcomes in the Decennial Census. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Table 5: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the horse-race analysis of earnings in the top panel; "Children_nhoodmarriagehomeown_regressions.do" conducts the horse-race analysis of later-life neighborhood characteristics appearing in the bottom panel. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Table 6: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Adult_regressions.do" conducts the analysis of adult head-of-household outcomes. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Table 7: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the exposure analysis with household fixed effects. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Figure 1: analysis code saved in "\0_Code\3_statistics_for_figures\"; "binscatter_labor.do" conducts the analysis of earnings in the top panel; "binscatter_neighborhood.do" conducts the analysis of neighborhood outcomes in the bottom panel.

Figure 2: analysis code saved in "\0_Code\3_statistics_for_figures\"; note that the top panel of the figure in the publication uses published estimates from the MTO study; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of later-life neighborhood characteristics for the Gautreaux sample; "MTO_regressions.do" conducts the analysis of the later-life neighborhood for the MTO sample.

Online Appendix

Appendix Table I: analysis code saved in "\0_Code\1_summary_stats_balance\"; "Balance_mainsamp.do" conducts additional balance test for main analysis sample of Gautreaux children. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table II: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Placement_neighborhood_regressions.do" conducts the analysis of the correlation across placement neighborhood characteristics and formats output for the table.

Appendix Table III: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Placement_neighborhood_regressions.do" conducts the analysis of initial placement neighborhood school characteristics and formats output for the table.

Appendix Table IV: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of alternative specifications of the earnings regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table V: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of alternative specifications of the later-life neighborhood regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table VI: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of alternative specifications of the homeownership regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table VII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of alternative specifications of the marriage regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table VIII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis for the employment regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table IX: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of gender heterogeneity in the earnings regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table X: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts analysis of later-life neighborhood characteristics from the MAF-ARF and 2010 Decennial Census. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XI: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts analysis of later-life neighborhood and parent location. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts analysis of incarceration from the 2010 Census and mortality in the NUMIDENT. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\"

Appendix Table XIII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of economic connectedness and future earnings. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XIV: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the horse-race analysis for the marriage regressions. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XV: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of earnings regressions with school quality controls. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XVI: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Adult_regressions.do" conducts analysis of adult head-of-household mortality outcomes.

Appendix Table XVII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Adult_regressions.do" conducts analysis of adult head-of-household outcomes. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XVIII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the horse-race analysis for the later-life neighborhood regressions excluding co-locate parent tracts. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XIX: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the exposure analysis of binary child age with household fixed effects. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XX: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the main specification within the household fixed-effects sample. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XI: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_labor_regressions.do" conducts the analysis of earnings. "Children_nhoodmarriagehomeown_regressions" conducts the analysis of neighborhood characteristics using the MAF-ARF. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XXII: analysis code saved in "\0_Code\4_other_analysis"; "Multi_hypothesis_testing_qvalues.do" conducts the multiple hypothesis testing adjustments in the Gautreaux sample. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XXIII: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of the later-life neighborhood for the Gautreaux sample, "MTO_regressions.do" conducts the analysis of the later-life neighborhood for the MTO sample. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XXIV: analysis code saved in "\0_Code\2_regressions_for_tables\"; "Children_nhoodmarriagehomeown_regressions.do" conducts the analysis of the later-life neighborhood at age 26 for the Gautreaux sample, "MTO_regressions.do" conducts the analysis of the later-life neighborhood at age 26 for the MTO sample. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".

Appendix Table XXV: analysis code saved in "\0_Code\4_other_analysis"; "Samplelinkage_regressions.do" conducts the analysis of the relationship between census various linkage and neighborhood placement in the Gautreaux sample. Code used to format output is "gau_tables.do" in "\0_Code\5_format_output\".