

Codebook

(G. Bechara, E. Geroulakos, O. Povstiana, F. Razavi)

Replication of Derenoncourt, E. (2022). Can you move to opportunity? Evidence from the Great Migration. American Economic Review, 112(2), 369-408.

The original replication archive is available [here](#). Copies of US Census Bureau city government employment database and finances of individual governments database available [here](#) and [here](#).

Outcome Variables¹

Name of the Variable	Type	Unit	Description
kfr_black_pooled_p252015	Continuous	Percentile	The mean percentile rank in the national distribution of household income in 2014-2015 for Black individuals raised in households at the 25th percentile of the income distribution.
kir_black_female_p252015	Continuous	Percentile	The mean percentile rank in the individual distribution of household income in 2014-2015 for Black females raised in households at the 25th percentile of the income distribution.
kir_black_male_p252015	Continuous	Percentile	The mean percentile rank in the individual distribution of household income in 2014-2015 for Black males raised in households at the 25th percentile of the income distribution.
kfr_black_pooled_p752015	Continuous	Percentile	The mean percentile rank in the national distribution of household income in 2014-2015 for Black individuals raised in households at the 75th percentile of the income distribution.
kir_black_female_p752015	Continuous	Percentile	The mean percentile rank in the individual distribution of household income in 2014-2015 for Black males raised in households at the 75th percentile of the income distribution.
kir_black_male_p752015	Continuous	Percentile	The mean percentile rank in the individual distribution of household income in 2014-2015 for Black males raised in households at the 75th percentile of the income distribution.

¹Similar variables for White families with prefix **kfr.white.*** and **kir.white.***

Main Explanatory variable

Name of the Variable	Type	Unit	Description
GM	Continuous	Percentiles	The percentile of observed Black population increase in northern urban areas during the Great Migration (1940–1970).

Instruments

Name of the Variable	Type	Unit	Description
GM_hat2	Continuous	Percentiles	The percentile of the predicted change in the Black population in northern urban areas during the Great Migration (1940-1970)

Baseline Controls

Name of the Variable	Type	Unit	Description
frac_all_upm1940	Continuous	Percentage	Educational upward mobility 1940
mfg_lfshare1940	Continuous	Percentage	Represents the proportion of the laborforce employed in manufacturing in 1940.
v2_blackmig3539_share1940	Continuous	Proportion	Represents the share of the population in a given area that consisted of Black Southern migrants during 1935–1940.
reg2	Categorical	binary	Corresponds to the Midwest region.
reg3	Categorical	binary	Corresponds to the South region
reg4	Categorical	binary	Corresponds to the West region

Expanded Controls and Other variables

Name of the Variable	Type	Unit	Description
emp_hat	Categorical	1-100 representing quantile groups	Bartik instrument for employment change, 1940-1970
bpopquartile	Categorical	quartiles (four groups)	Quartiles of Change in Black population share, 1940-70
GM_hat8	Categorical	quantiles	White southern migration instrument
eur_mig	Categorical	quantiles	Quantiles of European migration instrument
vm_blacksmob1940	Continuous	Proportion	1940 origin-average southern Black upward mobility
bpopchange1940_1970	Continuous	Percentage change	Change in Black population share, 1940-70
cz_name	Categorical	string	Name of the commuting zones