

**Replication package for  
Chetty et al. (2020a) "Social Capital I: measurement and associations with economic mobility" and  
Chetty et al. (2020b) "Social Capital II: determinants of economic connectedness"**

Software requirements

Stata 17.0 and R 4.2.1

Replication Instructions

1. Go to *Code/Paper 1* to replicate the tables and figures for Chetty et al. (2020a) and *Code/Paper 2* to replicate for Chetty et al. (2020b).
2. In each folder, change the global "*master\_folder*" in the respective metafile to the location of this README file on your computer.
3. In each folder, run all code from within the respective metafile.

The output for Chetty et al. (2020a) is stored in *Paper 1 Exhibits* and the output for Chetty et al. (2020b) is stored in *Paper 2 Exhibits*.

Note: When executing the replication code for the first time, it may take a few minutes to install the necessary external packages. To speed up the replication code in subsequent runs, comment out the code block in the respective metafile that installs external packages.

Notes on replicability

The estimates obtained from these publicly released data will not match those reported in the published papers because of the steps taken to protect privacy - namely the exclusion of small cells (e.g., those with fewer than 100 low-SES and 100 high-SES Facebook users for EC measures) and the addition of noise. In practice, because our estimates are population weighted, the estimates are very similar but the count of the number of observations and the exact point estimates may differ slightly. See the codebook for further details.

To protect users' privacy, we also only release a subset of social capital measures. As such, only a subset of tables and figures can be replicated. In addition, the multivariate analyses in this replication package use a subset of variables compared to those in the papers, and are thus not directly comparable.