REPLICATION ARCHIVE
"Family Resources and Human Capital in the Great Recession"

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1.Introduction

This document details how to reproduce the exhibits in "Family Resources and Human Capital in the Great Recession." There are **four** main blocks of code:

1. Stata dofiles that produce the exhibits using the confidential American Community Survey data housed in Federal Statistical Research Data Centers. **This code is currently under disclosure review and is unavailable.**
2. Stata dofiles that prepare necessary utilities and moments to target for the structural model.
3. Julia files that run the model itself and perform simulations.
4. Stata dofiles that take the simulated data and produce the final exhibits.

2. Directions

Directions for executing the RDC dofiles will be posted when these files are available. They will only be executable for researchers with access to the restricted-use data and requisite security clearances.

The Stata code that executes Step 2 in the introduction can be run by running lines 1 through 29 of "frhc_replication_master.do" in the root directory. The only line you will need to update is line 1 to reflect your personal working directory. Additional comments in "frhc_replication_master.do" indicate which dofiles produce which paper exhibits.

Note that the pre-estimation dofiles also have a subdirectory of code that can be run on the NLSY97 geocode for those with requisite security clearances.

After running lines 1 through 29, navigate to "model/frhc_master.jl." Line 12 will need to updated in a similar manner to line 1 in "frhc_replication_master.do." After this, running the entire Julia file will produce all necessary simulated data. Running parallelized over 5 cores, this should not take longer than 2 hours.

Once this is completed, running lines 39 through 48 in "frhc_master.do" will reproduce the remaining paper exhibits. All exhibits may be found in the "Output" folder.