**Codes for the Article “The impact of the Covid public policies on Chilean households”, *Applied Economics Letters*, 2021, forthcoming.**

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These codes use the original sources of data to add in replicating the article.

All data files (.dta and .do) are in Stata format.

**List of Codes in the zip file:**

The “test\_efh\_allyears.do” do file is the Master file that calls all the sub-codes from beginning to end.

**Folder “algorithms”:**

This folder contains the algorithms necessary to format the data, with codes for linear imputation of the mean (“linear\_reg\_impute3.do”) and imputation of both the mean and the standard deviation without expansion factors (“predict\_xb\_sd.do”, “predict\_xb\_sd2.do”, “predict\_xb\_sd3.do”) and with survey expansion factors (“predict\_xb\_sd2\_facs.do”).

The files “pctile\_wgts2.do" and “mean\_wgts2.do" are algorithms that calculate percentiles and mean values of survey variables across different groups and with the application of expansion factors.

**Folder “format\_data”:**

The do file “multiple\_EFHyears\_format.do” calls the files that format the EFH data homogeneously for the years 2007 (“simul\_format\_efh2\_07.do”), 2008 (“simul\_format\_efh2\_08.do”), 2009 (“simul\_format\_efh2\_09.do”), 2010 (“simul\_format\_efh2\_10.do”), 2011 (“simul\_format\_efh2\_11.do”), 2014 (“simul\_format\_efh2\_14.do”) and 2017 (“simul\_format\_efh2\_17.do”).

“homologacion\_2014\_2011\_vs3.do” and “homologacion\_2017\_2011\_vs3.do” change some variables in the EFH waves of 2014 and 2017 to be in the same format as the EFH 2011 for compatibility purposes.

The file “layoff\_jobfind0.do” calculates the unemployment risk of different households based on a permanent income weighted average of its members’ worker types, with type given by sex, age, region, education and industry. It is based on the ENE survey data.

The file “income\_shock0.do" calculates the standard-deviation of income shocks of different households based on a permanent income weighted average of its members’ worker types, with type given by sex, age, region, education and industry. It is based on the ESI survey data.

The file “p\_income.do” calculates the permanent income of different households based on the working income of its members’ worker types and their unemployment risk (based on the ENE survey data).

"format\_DFVP\_Ld.do" creates dummies for Mortgage default and dummies for Lender type using the EFH dataset.

“format\_AFP.do” estimates how much each EFH household can withdraw from its pension fund by using the self-reported survey data for the respondent and an imputation for its family members.

**Folder “analysis”:**

The do files “efh4\_dar\_dfdna.do” creates some variables used in stress tests of the Central Bank of Chile which were done at the same time as this article, but were not published with it. “efh4\_dar\_dfdna\_Xk.do” estimates several empirical models of loan default using all the pooled EFH waves with the goal of applying these models to the stress tests: again, these results were not published in this article.

“efh4\_stress\_test.do” calls the sub-codes “Riot\_Stress.do” and “Covid\_Stress.do” which update the EFH data wave of 2017 for each household by taking into account the heterogeneous labor shocks experienced during the Social Explosion in 2019 (“Riot\_Stress.do”, which uses “layoff\_jobfind0\_stress.do” to update the unemployment flows in 2019 based on worker types by sex, age, education, industry and region) and the Covid pandemic in 2020 (“Covid\_Stress.do”, which uses the sub-code “SUF\_IFE.do” to calculate how much each household benefitted from the direct income transfers by the government to poor families). “Covid\_Stress.do” then calculates Table 1 in the article. “Graphs\_Stress.do” also calculates Table 1 in the article with a different method and then it shows several summary statistics and figures that were applied to the stress tests of the Central Bank of Chile (although these tests were not published with the article).