

# The Lock-in Effects of Part-time Unemployment Benefits

Datasets and Codes Readme File

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The data used for this paper are produced by the French public employment service (Pôle Emploi) in SAS format. Because those data are licensed solely for the researchers working on the project, Pôle Emploi does not allow us to distribute them to other researchers. Researchers wanting to do a full replication would have to get access through Pôle Emploi. To do so, researchers should submit their request to Anita Bonnet (anita.bonnet@pole-emploi.fr). Upon acceptance researchers may be required to work in the premises of Pôle Emploi.

The software requirements is as follows :

- SAS 9.4
- STATA MP 14
- R version 4.3.0

### **Structure of the code:**

This package contains the code required to produce our main database from Pôle Emploi's raw data the and to replicate the results presented in the article.

This package is made up of 5 subfolders:

1. folder "1-Construction of the panel dataset" contains the SAS code and the Stata code to produce the main database. Run *Step1\_From\_raw\_data\_to\_intermediate\_tables.sas*, *Step2\_Hiring\_tables.do*, *Step3\_From\_intermediate\_tables\_to\_panel.do* and *Step4\_Adding\_hours\_of\_work.do*.

Note : Between *Step1* and *Step2*, convert the tables produced in Stata format.

2. folder "2-Figures" contains the code used to replicate the figures presented in the article and the online appendix. Run *Figures.do*.
3. folder "3-Tables" contains the code used to replicate the tables presented in the article and the online appendix. Run *Tables.do*.
4. folder "4-HET" contains separate codes used to perform the *Generic Machine Learning* approach for heterogeneous treatment effect analysis (Figure 10 of the paper and Appendix A.5). Run the first two programs (Step1.... and Step2....) to prepare data and the third program (Step3....) to implement the *Generic Machine Learning* method.

5. folder “5-RI” contains separate codes that produces the results regarding randomization inference (Appendix A.4 of the paper). Run the first two programs (Step1.... and Step2....) to prepare data and the third program (Step3....) to perform the randomization inference.