

Programs for reproduction of results in:

“Size-Dependent Regulations, Firm Size Distribution, and Reallocation”,

by François Gourio and Nicolas Roys

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Code runs on PC - Matlab R2013a

Note on the empirical section. Our data were purchased from INSEE as explained in the paper. The calculations were carried out by INSEE and hence we do not have programs or data files. Researchers can purchase similar data (or ask for a different data construction) using the web site linked to in the paper.

Note on the model solution. The programs included here solve our model for given parameter values. Run the program run.m to obtain the target moments (aka auxiliary parameters) for the parameters estimated. (Up to a small variation due to the random sample, this reproduces tables 5 and 6 of the paper as well as Figure 7.)

Policy Experiments. To replicate tables 7 and 8, first run the program PEcleanfinal.m Then run the program tablePE.m. Use pixcompstatsigmav.m to reproduce Figure 8.

Fortran Programs. To improve the speed of the estimation, we also coded a Fortran version of this program and checked that the results were identical to the Matlab programs. These programs are attached for completeness.
