

# A Biological Model of Unions

## *Data and Programs*

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This document briefly describes the data and programs needed to replicate Table 1, Table 2, and Figure 2 in "A Biological Model of Unions." All of files listed below are included in this directory. Programs are designed to be run using Stata version 9.2.

- Program file
  - *080703unions\_aej.do*. This Stata version 9.2 do file reads in the relevant data files, produces Figure 2, and then runs the regressions to produce Tables 1 and 2. Note that to automatically produce the tables, this do file requires the installation of the "outreg" ado file from the Stata website.
- Data files
  - *unions\_data\_aej.dta*. This Stata dataset contains one observation for each union. Each observation contains the size of the union's membership in various years, where mergers are handled as described in the text. There is also information on whether the original union constitution specified direct elections for the union president and whether it specified that a supermajority was required to authorize a strike. Each variable is described in the dataset.
  - *unions\_data\_aej\_table2.dta*. This Stata dataset contains one observation per 4-digit manufacturing industry. Each observation contains information on union membership rates, firm concentration, capital intensity, and average firm size.
- Output files
  - *table1.out*. Table 1 in the text.
  - *table15.out*. Table 1 in the text, with 5 digits after the decimal place.
  - *table2.out*. Table 2 in the text.
  - *figure2.eps*. Figure 2 in the text.