

# THE ROLE OF STARTUPS IN STRUCTURAL TRANSFORMATION

Guide to Data and Programs  
January 2016

## 1 Data

1. `run_all.do` creates all of the samples from the BDS – by age, by age and state, by broad sector (manufacturing, retail trade, services, other) and by broad sector and age. It also generates the cyclical variables used in outputting some of the model data for Table 1.
2. `.do` files that begin with `read_`, `addvars_` and `sample_` all correspond to reading, creating variables for and saving off BDS samples.
3. Before running any of the programs for figures and tables below, run `“run_all.do”`.

## 2 Figures

*Figure 1:*

1. Run `“model_2groups_sector.m”`
2. Run `“plot_data.do”`
3. Run `“figs.m”` – the top component **“broad sector plots from the BDS”**
  - *Figure 1 (a)* – `figures/fig_sector.share.actual.1.eps` or `.pdf`
  - *Figure 1 (b)* – `figures/fig_sector.share.actual.2.eps` or `.pdf`
  - *Figure 1 (c)* – `figures/fig_sector.share.actual.3.eps` or `.pdf`

*Figure A1:*

1. Run `“rdc_plots.m”`
2. Run `“figs.m”` – the middle component **“RDC shares”**
  - *Figure 1 (a)* – `figures/fig_eshr_naics.1.eps` or `.pdf`
  - *Figure 1 (b)* – `figures/fig_eshr_naics.2.eps` or `.pdf`
  - *Figure 1 (c)* – `figures/fig_eshr_naics.3.eps` or `.pdf`
  - *Figure 1 (d)* – `figures/fig_eshr_naics.4.eps` or `.pdf`

- *Figure 1 (e)* – figures/fig\_eshr\_naics\_5.eps or .pdf
- *Figure 1 (f)* – figures/fig\_eshr\_naics\_6.eps or .pdf
- *Figure 1 (g)* – figures/fig\_eshr\_naics\_7.eps or .pdf
- *Figure 1 (h)* – figures/fig\_eshr\_naics\_8.eps or .pdf

*Figure A2:*

1. Run “rdc\_plots.m”
2. Run “figs.m” – the middle component “density plots”
  - *Figure 1 (a)* – figures/fig\_eshr\_naics\_1.eps or .pdf
  - *Figure 1 (b)* – figures/fig\_eshr\_naics\_2.eps or .pdf
  - *Figure 1 (c)* – figures/fig\_eshr\_naics\_3.eps or .pdf
  - *Figure 1 (d)* – figures/fig\_eshr\_naics\_4.eps or .pdf
  - *Figure 1 (e)* – figures/fig\_eshr\_naics\_5.eps or .pdf
  - *Figure 1 (f)* – figures/fig\_eshr\_naics\_6.eps or .pdf
  - *Figure 1 (g)* – figures/fig\_eshr\_naics\_7.eps or .pdf
  - *Figure 1 (h)* – figures/fig\_eshr\_naics\_8.eps or .pdf

### 3 Tables

*Table 1:*

1. Run “model\_2groups\_sector.m”
2. Outputted file will be “table1.xls”.

*Table A1:*

1. Run “model\_2groups\_sector\_appendix.m”
2. Outputted file will be “table1\_appendix.xls”.

### 4 General comments

Many of the intermediate output files end in the numbers {1,2,3,4} – these (excluding any BDS samples ending in “4” for 4 sector groups) correspond to 1 – manufacturing, 2 – retail trade, 3 – services and 4 – other, based on the industry groupings in the paper.