readme.txt

Replication Data

Matthew Gentzkow, Jesse Shapiro, and Michael Sinkinson. The Effect of Newspaper Entry and Exit on Electoral Politics.

Production Date: Nov 3rd, 2010

HOW TO RUN
==========
0. Clear the content of /output/ folder (but do not delete the folder); otherwise the output from the code will be appended to the existing .txt files.

1. Open and run "../code/simulate.m"

2. Double-click "../code/tables.do"

3. Double-click "../code/text.do"

4. Double-click "../code/figures.do"

* Note that because we are leaving out proprietary data (set the relevant variables to be missing for the relevant periods), one will not obtain the exact numbers and figures as listed in our paper even though the code will run through without error. The numbers and figures listed in our paper match the files contained in the /output/ folder of the zip archive, but running the code following the instructions above will overwrite those files in /output/. For details on which variables are affected, see the second point in the "NOTES" section below.

SYSTEM REQUIREMENTS
==========
The above procedure has been tested on a 64-bit Windows 7 machine running Stata/MP 11 and Matlab 2010a.

FILE MANIFEST
==========
/code/
	Contains code.
	The folder has the following files (and subfolders):
	simulate.m: Generate simulated datasets.
	tables.do: Make tables.
	text.do: Regressions and other calculations to support claims in text of voting paper.
	figures.do: Make figures.
	input_param.txt: some variables and parameters that are inputs to Voting estimation.
	/pakes_ostrovsky_berry/: a modified version of the code provided by Michael Ostrovsky. The complete code is posted on his homepage (as of Nov.04.2010):

http://faculty-gsb.stanford.edu/ostrovsky/papers/dynamic_games_code.zip
		The code includes the following scripts:
		d0212.m
		g0212.m
		profit.m

/external/
	Contains Stata DTA files used as input to DO files in /code/, as well as ADO files used for customized Stata functions. Also has M file for Matlab simulation.
	The folder contains the following files:
	cutby.ado

```
        define_event.ado
        dummy_missings.ado
        loadglob.ado
        matrix_to_txt.ado
        oo.ado
        ooo.ado
        plotcoeffs.ado
        plotcoeffs_nolab.ado
        predict_list.ado
        rankunique.ado
        struct2var.m
        newspapers_constant.dta
        newspapers_yearly.dta
/output/
        Stores output, including figures, text files, tables, and log files.
        The folder has the following files (and subfolders):
        appendixtable.txt
        onlinetables.txt
        tables.txt
        texttables.txt
        /figures/       fig_circ.eps
                        fig_circ_repshare.eps
                        fig_events.eps
                        fig_pop_a.eps
                        fig_pop_b.eps
                        fig_repshare_a.eps
                        fig_repshare_b.eps
                        fig_sum_a.eps
                        fig_sum_b.eps
                        fig_sum_c.eps
                        fig_turnout_a.eps
                        fig_turnout_b.eps
        /simulations/   1firm_rw.txt
                        1firm_rw_lpop.eps
                        1firm_sc.txt
                        1firm_sc_lpop.eps
                        2firm_rw.txt
                        2firm_rw_lpop.eps
                        2firm_rw_prof.eps
                        2firm_sc.txt
                        2firm_sc_lpop.eps
                        2firm_sc_prof.eps
                        options.mat
        /text/          text.log
                        text_dailies_journalists_1869_1880.eps
                        text_dailies_journalists_1880.eps
                        text_dfbeta_incumb.eps
                        text_dfbeta_prestout.eps
                        text_dfbeta_voteshare.eps
                        text_incumb_a.eps
                        text_incumb_b.eps
                        text_manufout.eps
                        text_mfg_income.eps
                        text_turnout_lagonly.eps
                        text_turnout_presample.eps
/temp/
        Contains Stata DTA files used as input to DO files in /code/.
        The folder has the following files:
        compare_income.dta
        endorse.dta
        journalists.dta
        lifecycle.dta
        nparchive.dta
```

suffrage.dta
voting_cnty_clean.dta
voting_district_clean.dta

/data_descriptions/

Contains .csv files that describe the variables in the .dta files in /temp/ and /external/ folder; also provides the source for the original variables.

For variables without "Source" being labelled, they are derived from other variables already listed.

The folder has the following files:

compare_income.csv
endorse.csv
journalists.csv
lifecycle.csv
nparchive.csv
suffrage.csv
voting_cnty_clean.csv
voting_district_clean.csv
newspapers_constant.csv
newspapers_yearly.csv

NOTES
==========

1. Table Mapping:

For the tables, the map between the tags in the /output/ folder and the tables in the paper is as follows:

TABLE NAME	TABLE LOCATION
<tab:nparchive>	Table 1
<tab:Turnout_main>	Table 2
<tab:Turnout_placebo>	Table 3
<tab:Turnout_comp>	Table 4
<tab:Turnout_time>	Table 5
<tab:Repshare_main>	Table 6
<tab:Incumb_comp>	Table 7
<tab:Robustness>	Appendix Table 1
<tab:transition>	Online Appendix Table 1
<tab:Governor>	Online Appendix Table 2
<tab:Senator>	Online Appendix Table 3
<tab:Repshare_comp>	Online Appendix Table 4
<tab:Repalways>	Online Appendix Table 5
<tab:Updown>	Online Appendix Table 6
<tab:text_Serialcorr>	Online Appendix Table 7

2. Proprietary Data:

For years 1990 and onwards for senate and gubernatorial elections, and for years 2000 and 2004 for presidential elections, we use data on county-level vote totals from files purchased from David Leip through uselectionatlas.org. These files are proprietary, hence for the relevant variable-year that comes directly or indirectly from this dataset, we left them as missing in the data files we provide. It should be easy to infer from the variable labels (in the .CSV files under /data_descriptions/) how those derived variables are constructed. The relevant variables are (only for the relevant years):

"voting_cnty_clean.dta":
prestout
D_prestout_state
lpresttlvote
presrepshare
presevenness
govrepshare
govtout
govshare

senrepshare
sentout
state_presevenness
mainsample_inc
mainsample_time_inc
mainsample_inc_gov
govshare_inccand