

How Initiators End Their Wars: Replication Package Instructions

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1 Files in the Replication Set

File Name	Description
README.PDF	this file
README.TEX	L ^A T _E X source for this file
<i>Data Set</i>	
WARS-1PERWAR.DTA	raw data set (cannot be used as is)
<i>Estimation and Analysis Programs</i>	
REPLICATE.DO	wrapper that runs all programs in correct order
PREPARE.DO	prepares the raw data set for use by estimation programs
BASIC.DO	basic statistics, empirical frequency graph
DURATION.DO	duration model analysis, uncertainty graph
BSTRAPEST.DO	outcome analysis with bootstrapped errors from duration
OUTCOMES.DO	simulations and all other graphs
<i>Utility Programs</i>	
TABPRED.ADO	tabulate predicted/observed outcomes after <code>oprobit</code>
ESTSIMPX.ADO	patched Clarify command; works with bootstrapped errors
SIMQIX.ADO	patched Clarify command; works with bootstrapped errors
<i>Generated Files</i>	
1PERWAR.DTA	produced by <code>prepare.do</code> , required by all other programs
LOGS*. *	folder where all programs store their log files
GRAPHS*. *	folder where the programs put the generated EPS figures

The folder `production_run` contains the logs and graphs used in the published article.

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2 How to Replicate the Results

To see all the analysis that is mentioned in the article, including tests reported to have been run and whose results are not included there, you can look in the folder `production_run`. It contains all the log files from the last pre-publication run of the statistical analysis, along with the EPS graphs.

To replicate the results, simply run `replicate.do` from Stata 8.0. The results should be identical with the publication run. Note that the bootstrapping program sets the seed of the random number generator to a predetermined value (160773, as shown in the `bstrapest.do` file) to ensure that the results are the same. Because bootstrapping is a random process, the exact results would differ without the seeding.

To re-analyze the data, you may use any or all of the supplied files. The main thing to remember is to run `prepare.do` before using any of the other programs. You need the `1perwar.dta` data set that this program generates.

Also, before you can run `outcomes.do`, you will need to run `bstrapest.do` to generate the file `bstrapest.dta` which contains the estimates of the coefficients from the bootstrapping procedure. The simulations will attempt to use the coefficients and the covariance matrix computed from this file.

The `estsimpx.ado` and `simqix.ado` are modified versions of the two Clarify commands. I patched them to work with my estimation command that returns the bootstrapped estimates for the outcome analysis. Since Clarify hard-codes the commands it supports and insists on running them itself instead of reading user-supplied results, there was no way to avoid patching the files (and not having to rewrite the entire thing from scratch).

The `tabpred.ado` program is a simple utility that can be run after an estimation of an ordered probit model. It calculates and displays percentages of correctly predicted observations. It can also tabulate the frequencies of correct and incorrect predictions. Finally, it returns matrices with these data which can be used by programmers.