

Arms Races and Conflict: Experimental Evidence--ReadMe

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Data

- All the data analyses are performed with Stata/MP 14.0 for Mac (64-bit Intel).
- Running the do-file takes at most a couple of seconds.

Data File

- “zTreeOutput.zip”: contains the raw data output from each experimental session.
 - Base treatment sessions: 171120_1046; 180228_1249; 180306_1255.
 - Hidden treatment sessions: 171124_1053; 180228_1418; 180306_1422.
 - Asymmetry treatment sessions: 180228_1049; 180228_1547; 180306_1052.
 - Trade treatment sessions: 180420_1454; 180427_1017; 180427_1452.
- “dtaFile.zip”: contains the transformation from excel files to dta files.
- “data.dta” is the dataset transformed from the raw data and used for analysis.
- “data.csv” is the non-proprietary format of the datasets.

Data Analysis

- “1DataClean.do” is a Stata file that contains the code used to generate the final data file “data.dta” from the raw data file “zTreeOutput.zip”.
- “2Main.do” is a Stata file that contains the code used to produce figure 2, 3a, 3b, 4, 5, B1, B2, B3, B4, B5, B6 and table 2.
- “1dataclean_log.pdf” is a log file making sure 1DataClean.do runs smoothly.
- “ztree2stata.ado” and “ztree2stata.hlp” is a command used in “1DataClean.do”. To install this command, copy “ztree2stata.ado” and “ztree2stata.hlp” into “C:/stata8/ado/base/z”. If you cannot find such a directory, then run “sysdir” command in stata and copy the files to “ado->base->z” file. For more information, see “ztree2stata_readme.pdf”. For more information please refer to “ztree2stata_readme.pdf”.

Software

- Software file contains the programs for the different treatments used in the experiment.
- We used zTree 3.6.12.

Documentation

- “experimental design.pdf” outline the design of the experiment.
- “experimental instructions.pdf” is a copy of instruction given to the participants.
- “ethics approval.pdf” is the ethics approval obtained from the university of Monash at the date of 25 August 2017. The ethics approval of the research was covered under a MUHREC-approved project “Laboratory experiments in economics”. The approval of the current research was obtained from Prof. Nick Feltovich who is in charge of assessing whether a research falls within the grand project.
- See raw data collected from the experiment in Data File->zTreeOutput.zip.