

# Files and Instructions

Levitt, List, Sadoff

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## 1 Replication

Replication of results for LLS2010 should be a three-step process.

1. Unzip the zipped file LLS2010.
2. Open "Chess.do" in the folder "Code".
3. Alter the global dir to be the file path to the unzipped LLS2010 folder.

For replication purposes, empty folders should be included.

### 1.1 Code

Chess.do is a Stata 9 .do file that cleans our raw data, found in the "Data" folder, merges our individual race moves, and produces  $\text{\LaTeX}$  tables in the "Table" folder.

### 1.2 Tables

This folder should be have ten files. Running the "Chess.do" from the "Code" directory will recreate every table.

Each table does not stand alone and cannot be rendered as .tex. Instead, one can render all nine tables together by rendering "FullTables.tex" in  $\text{\LaTeX}$ .

- FullTables.tex: This file is used to render all other tables.
- table1.tex: This table gives a summary of participants and their USCF and FIDE ratings.

- table2.tex: This table gives a summary of participant titles and rankings.
- table3.tex: This table gives a summary of Race to 100 Results.
- table4a.tex: This table gives implied probabilities for the 1-9 Race.
- table4b.tex: This table gives implied probabilities for the 1-10 Race.
- table5.tex: This table gives the percentage of games solved at each node.
- table6.tex: This table gives centipede behavior by induction ability, as defined in "Chess.do".
- table7a.tex: This table gives a summary of Race to 100 Results conditioned on 1-9 Race played first.
- table7b.tex: This table gives a summary of Race to 100 Results conditioned on 1-10 Race played first.

### 1.3 Data

This folder should have two files. Both are raw data, though personally identifying information is censored.

- Chess Data.dta: This Stata 9 data file gives all noncensored raw data. It is cleaned using "Chess.do"
- ChessRaceData.csv: This comma separated value file gives the full "race to 100" data (every move). It is merged into Chess Data.dta using "Chess.do".