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*** Read Me (21.11.2024)
*** REPLICATION FILES OF TABLES AND FIGURES
*** Brox, Enzo; Goller, Daniel
*** Tournaments, Contestant Heterogeneity and Performance
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* The data is provided for replication purposes only. In case you
would like to use this data for any other purpose get in touch with
one of the authors.
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** ReadMe

- The results for this study were created using STATA 16 and R 4.02

Tables:
-- All results that can be found in the tables can be replicated
using tables.do
-- Set the working direction to the folder with the data set
'DCHaP.dta'
-- Replicated tables are stored as '.tex'; one for each table. To
look at each table separately in LaTeX one can use the following
preamble:

\documentclass{article}

\usepackage{booktabs}
\usepackage{graphicx}


\begin{document}

COPY / INCLUDE HERE

\end{document}


Figures:
-- Figures 1, 2, 4, and A.2 are estimated and depicted in R and can
be replicated using figures.R.
-- Set the working direction to the folder with the data set
'DCHaP.dta'
-- In the folder with the data set, create a folder figures and a
subfolder figures/graphdata
-- Replicated figures are stored both as '.jpeg' and '.pdf' in the
folder 'figures'.
-- In case the NP Estimation does not work or is too computationally
expensive, there is also the option to 'load' the estimates
as .Rdata (in folder figures/graphdata)
-- The subsample results (Figure 3 and Figure A.1) are estimated in
```

STATA and can be replicated using figure_est.do, and depicted in R (using figures.R).

** Packages

The general R-script requires some packages, please make sure to install them before executing the R script:
- haven
- ggplot2
- hrbrthemes
- np
- npcausal

The non-parametric estimation depends on some further R packages:
- SuperLearner
- nnls
- gam
- splines
- foreach
- earth
- Formula
- plotmo
- plotrix
- TeachingDemos
- ranger
- KernSmooth

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