

Replication package for “Does paid parental leave affect children's schooling outcomes? Replicating Danzer and Lavy (2018)” by **Claudia Troccoli**

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This document describes the content of the repository and the steps necessary to replicate the table in the manuscript. All analyses are conducted in Stata 17.

**To reproduce the analysis:**

- Open the file “dofiles/master.do”
- Change the name of the main directory
- Run the file:
  - it will execute everything, from data creation to analysis
  - it will create a log file into the “logs” folder
  - it will create the five panels of Table 1 into the “output” folder

**Structure of the repository:**

- **Folder: “data”**
  - **Folder: “input” (the files in this folder are downloaded from the OECD website:**  
<https://www.oecd.org/pisa/pisaproducts/database-pisa2003.htm> and  
<https://www.oecd.org/pisa/pisaproducts/database-pisa2006.htm>)
    - 03\_schools.txt ([the originals can also be found here](#))
    - 03\_students.txt ([the originals can also be found here](#))
    - 06\_schools.txt ([the originals can also be found here](#))
    - 06\_students.txt ([the originals can also be found here](#))
    - dictionary\_03\_schools.dct ([file prepared by Troccoli adapting this file](#))
    - dictionary\_03\_students.dct ([file prepared by Troccoli adapting this file](#))
    - dictionary\_06\_schools.dct ([file prepared by Troccoli adapting this file](#))
    - dictionary\_06\_students.dct ([file prepared by Troccoli adapting this file](#))
    - label\_03.do (file prepared by Troccoli adapting this file: [here](#) and [here](#))
    - label\_06.do (file prepared by Troccoli adapting this file: [here](#) and [here](#))
    - WORLD2003\_correction.dta ([corrections for 2003 data weights, also used by Danzer and Lavy 2018](#))
  - **Folder: “output”**
    - PISA36\_dataforanalysis.dta ([the final dataset by Danzer and Lavy 2018](#))
    - replication\_dataset.dta (the final dataset for my analysis)
  - **Folder: “temp”**
    - 03\_austria.dta (intermediate dataset with 2003 PISA data, temporarily saved, then erased)
    - 06\_austria.dta (intermediate dataset with 2006 PISA data , temporarily saved, then erased)
- **Folder: “dofiles”**
  - 2003.do (transforms the 03\_schools.txt and 03\_students.txt into 03\_austria.dta using dictionary\_03\_schools.dct, dictionary\_03\_students.dct and label\_03.do)
  - 2006.do (transforms the 06\_schools.txt and 06\_students.txt into 06\_austria.dta using dictionary\_06\_schools.dct, dictionary\_06\_students.dct and label\_06.do)
  - austria\_dataset\_03\_06.do (merges 03\_austria.dta and 06\_austria.dta into replication\_dataset.dta, then erases 03\_austria.dta and 06\_austria.dta)

- compare\_DL2018.do (shows that PISA36\_dataforanalysis.dta has 20 fewer observations than replication\_dataset.dta, but all matching observations are identical)
- ANALYSIS.do (merges PISA36\_dataforanalysis.dta and replication\_dataset.dta to mark which observations were not present in the DL dataset, then executes analysis and separately reproduces the five panels of Table 1, which are saved in folder “output”)
- master.do (the documented master do-file executes everything, from data creation to analysis, and creates a log file into the “logs” folder and the five panels of Table 1 into the “output” folder – N.B. change the name of the main directory before running)
- **Folder: “output”**
  - Panel\_1.tex
  - Panel\_2.tex
  - Panel\_3.tex
  - Panel\_4.tex
  - Panel\_5.tex
- **Folder: “logs”**
  - replicationDL2018\_log.txt (log of data creation and analysis created in master.do)