

Readme for 398 Project

I. Contents of the replication documentation (Vu-398-Project):

The replication documentation includes a structure of the folder organized as shown below:

Vu-398-Project (The main project folder):

ReadMe-Vu-E398.pdf

FinalPaper-Vu.pdf

Analysis-Data (A subfolder of Vu-398-Project)

analysis-file.dta

Command-Files (A subfolder of Vu-398-Project)

Analysis.do

Construction.do

Processing.do

importclsize.do

importdiscp.do

importexpen.do

importmcas.do

importndiscp.do

importretain.do

importteachdat.do

importwage.do

Documents (A subfolder of Vu-398-Project)

FinalPaper-Vu.docx

ReadMe-Vu-E398.docx

Original-Data (A subfolder of Vu-398-Project)

Original Data (A subfolder of Original-Data)

classsize1213.xlsx to classsize1516.xlsx

discp1213.xlsx to discp1516.xlsx

discp1213n.xlsx to discp1516n.xlsx

expen12.xlsx to expen15.xlsx

mcas13.xlsx to mcas16.xlsx

staffretain12.xlsx to staffretain15.xlsx

teachdat1213.xlsx to teachdat1516.xlsx

teachwage1213.xlsx to teachwage1516.xlsx

Importable-Data (A subfolder of Original-Data)

Similar file names to Original Data with _imp in the end e.g. classsize1213_imp.xlsx

Imported-Data (A subfolder of Original-Data)

Similar names to Original Data with _clean in the end e.g. classsize1213_clean.dta

Base files derived from Imported-Data e.g. base_clsizedta

base-file.dta

base-file-clean.dta

Metadata (A subfolder of Original-Data)

data.aspx.html

Glossary of Accountability Reporting Terms.htm

MetadataGuide.docx

II. Modifications made to importable data files:

1. To obtain staffretain12_imp.xlsx to staffretain15_imp.xlsx:

Steps to obtain a copy of staffretain15.xlsx (data for year 2015), similarly for the other years:

- Delete Column I-J, then C-G. We are interested in % retention of principals and teachers.
- For easier importing to Stata, delete Row 1 from the spreadsheet and save as Importable-Data/staffretain15_imp.xlsx.

2. To obtain expen12_imp.xlsx to expen15_imp.xlsx:

Steps to obtain a copy of expen15_imp.xlsx (data for year 2015), similarly for the other years:

- Delete Column F-G, then C-D. We are interested in the per-pupil expenditures only.
- For easier importing to Stata, delete Row 1 from the spreadsheet and save as Importable-Data/expen15_imp.xlsx.

3. To obtain mcas13_imp.xlsx to mcas16_imp.xlsx:

Steps to obtain a copy of mcas15_imp.xlsx (data for year 2015), similarly for the other years:

- Delete Column D-N. We are interested in the performance level percentages only.

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *Importable-Data/mcas15_imp.xlsx*.

4. To obtain *teachwage1213_imp.xlsx* to *teachwage1516_imp.xlsx*:

Steps to obtain a copy of teachwage1516.xlsx (data for year 15-16):

- Delete Column E, then column C. We are interested in the average salary only.

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *teachwage1516_imp.xlsx*.

5. To obtain *discp1213_imp.xlsx* to *discp1516_imp.xlsx*:

Steps to obtain a copy of discp1516.xlsx (data for year 15-16):

- Delete Column E-J. We are interested in student disciplined measures only.

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *discp1516_imp.xlsx*.

6. To obtain *discp1213n_imp.xlsx* to *discp1516n_imp.xlsx*:

Steps to obtain a copy of discp1516n.xlsx (data for year 15-16):

- Delete Column E-J. We are interested in student disciplined measures only.

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *discp1516n_imp.xlsx*.

7. To obtain *classsize1213_imp.xlsx* to *classsize1516_imp.xlsx*:

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *classsize1516_imp.xlsx*.

8. To obtain *teachdat1213_imp.xlsx* to *teachdat1516_imp.xlsx*

- Delete Column G, then E, C respectively.

- For easier importing to Stata, delete Row 1 from the spreadsheet and save as *teachdat1516_imp.xlsx*.

III. Using this documentation to replicate the results:

To replicate the processing and analysis for this project, you will need access to a computer with Stata 16/IC installed.

The steps necessary are below:

- Copy the Vu-398-Project.zip file to the computer.
- Launch Stata.
- Set Stata's working directory to the Vu-398-Project folder.
- Open and run each of the import.do files.
 - o These files will read the importable files and compile the "Imported-Data" files.
- Open and run Processing.do.
 - o It will compile the base-file.dta file from the "Imported-Data" files.

- Open and run Construction.do
 - o It will compile the analysis.dta file from the base-file.dta. This is the final data used for analysis in this project.
- Open and run Analysis.do
 - o It will compile the summary at Table 1, run and export the regressions in Table 2 and run a robustness test.