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Below we document the steps required to replicate the tables in the paper, “*Cycling to School: Increasing Secondary School Enrollment for Girls in India*”.

We use data from four sources in this paper. They are:

1. District Level Health Survey (DLHS), Round III (2007-08)
 - a. Data labeled in STATA 13: dlhs-reg-data.dta
 - b. Link: <http://rchiips.org/prch-3.html>
2. Bihar and Jharkhand Secondary Examination Board Data (2004-2010). This data was collected with due permission from Department of Education, Government of Bihar and Jharkhand.
 - a. Data labeled in STATA 13:
 - i. exam_data.dta
 - ii. exam_data_parallel_trend.dta
3. Enrolment data hand collected from all schools in Bihar and bordering districts in Jharkhand (2003-2006). This data was collected with due permission from Department of Education, Government of Bihar.
 - a. Data labeled in STATA 13: bh_enroll_data_reg.dta

Notes on the replication data sets:

1. All data files are in STATA version 13.
2. Do-files run in STATA version 13 unless mentioned otherwise. Some users might need to install the outreg command: **ssc install outreg2**
3. All key variables have been labeled within each STATA data file.

| Table | Data | Do files | Output |
|--------------|------------------------|-----------------|---|
| 1 | bh_enroll_data_reg.dta | table-1.do | TABLE-1-PANEL-A.xls; TABLE-1-PANEL-B.xls |
| 2 | dlhs-reg-data.dta | table-2.do | TABLE-2.xls |
| 3 | dlhs-reg-data.dta | table-3.do | TABLE-3.xls |
| 4 | exam_data.dta | table-4.do | TABLE-4.xls |
| 5 | dlhs-reg-data.dta | table-5.do | |
| 6 | dlhs-reg-data.dta | table-6.do | TABLE-6-Panel-A- Row-1.xls; TABLE-6-Panel-A-Row-2.xls; TABLE-6-PANEL-B-ROW-1.xls; TABLE-6-PANEL-B-ROW-2.xls; TABLE-6-PANEL- |

| | | | |
|-------------------|------------------------------|-------------------|---|
| | | | C-ROW-1.xls; TABLE-6-PANEL- C-ROW-2.xls |
| 7 | dlhs-reg-data.dta | table-7.do | TABLE-7-Panel- A.xls; TABLE-7- Panel-B.xls; TABLE-7-Panel- C.xls; TABLE-7- Panel-D.xls |
| 8 | dlhs-reg-data.dta | table-8.do | TABLE-8.xls |
| A.1 | dlhs-reg-data.dta | table-A.1.do | |
| A.2 | dlhs-reg-data.dta | table-A.2.do | TABLE-A.2.xls |
| A.3 | dlhs-reg-data.dta | table-A.3.do | TABLE-A.3.xls |
| A.4 | dlhs-reg-data.dta | table-A.4.do | TABLE-A.4.xls |
| A.5 | dlhs-reg-data.dta | table-A.5.do | TABLE-A.5-PCA- ASSET.xls; TABLE-A.5-PCA- SES.xls; TABLE- A.5-SC- GENERAL.xls; TABLE-A.5-ST- GENERAL.xls; TABLE-A.5-OBC- GENERAL.xls; TABLE-A.5- MUSLIM- GENERAL.xls |
| A.6 | exam_data_parallel_trend.dta | table-A.6.do | TABLE-A.6- Panel-A.xls; TABLE-A.6- Panel-B.xls |
| A.7 | dlhs-reg-data.dta | table-A.7.do | TABLE-A.7- PANEL-A.xls; TABLE-A.7- PANEL-B.xls |
| A.8 | dlhs-reg-data.dta | table-A.8.do | TABLE-A.8- PANEL-A.xls; TABLE-A.8- PANEL-B.xls |
| Figure 1 | schooldist.dta | Figure-1.R (in R) | |
| Figure 2 | ddd_long.dta | Figure-2.R (in R) | Figure 2 |
| Figure A.1 | dlhs-figure-A.1.dta | Figure-A.1.do | Figure A.1 |

Further Notes:

1. The do file “dlhs-raw-data-aej-applied.do” uses the raw data from DLHS-III HOUSEHOLD LEVEL (*DLHS3HIND.DTA*) AND VILLAGE LEVEL (*DLHS3VIND.DTA*) and produce the data “dlhs_long_wdist.dta”.
2. The do file “dlhs-create-variables-aej-applied.do” uses the data “dlhs_long_wdist.dta” and creates the data “dlhs-reg-data.dta”. This data set includes all the variables, including the interaction i.e. the DD, DDD, and DDDD, needed to produce the tables using DLHS-III data in this paper.
3. The do file “data-for-figure-A.1.do” produces “dlhs-figure-A.1.dta” required to produce Figure A.1
4. The do file “Figure-1.do” produces two data sets – “schooldist.dta” and “schoolage.dta” using “dlhs_raw_kids.dta”. Run this do file before running the file “Figure-1.R” in R to produce Figure 1.

5. Steps for Figure 2:

- a. Use “data-for-fig-2.dta” and run the do file “ddd_nonparametric_point_estimates.do” and to get the data “ddd_long.dta”
- b. Run the do file “ddd_bootstrapping_long_confidence_intervals.do” and get the data “ddd_bootstrap_ci_long.dta”
 - i. This do file will also merge the two data sets “ddd_long.dta” and “ddd_bootstrap_ci.dta” and call it “ddd_long.dta”
- c. Run “Figure-2.R” in R to produce Figure 2.