

## TECHNICAL COMPANION READ ME

### The HISP program

The book on *Impact Evaluation in Practice* (second edition) and related technical companion book uses a fictionalized case, the Health Insurance Subsidy Program (HISP) to illustrate many of the concepts and methods that are presented. While fictionalized, the HISP case is modeled after real-world examples of impact evaluations. One of the primary objectives of HISP is to reduce the burden of health-related out-of-pocket expenditures for low income households.

### The HISP Dataset

The HISP dataset has the Stata format and is called “evaluation.dta”. It can be downloaded with accompanying do files from the IE in practice website.

The dataset is at the level of household and round. This means that one observation (row) captures information for one household either in the baseline (round 0) or in the follow-up survey (round 1). In other words, every household appears on two rows: one for the baseline and one for the follow-up survey.

The dataset includes the following variables (columns):

<b>Outcome variables</b>	
health_expenditures	Out of pocket health expenditure (per capita per year)
<b>Control variables</b>	
age_hh	Age of the head of the household (in years)
Age_sp	Age of the spouse (years)
educ_hh	Education of the head of household (completed years of schooling)
educ_sp	Education of the spouse (completed years of schooling)
indigenous	Head of household speaks an indigenous language (0=no, 1=yes)
female_hh	Head of the household is a woman (0=no, 1=yes)
hhszie	Number of household members (at baseline)
dirtfloor	Home has a dirt floor at baseline (0=no, 1=yes)
bathroom	Home with private bathroom at baseline (0=no, 1=yes)
land	Number of hectares of land owned by household at baseline
hospital_dist	Distance to closest hospital
<b>Other variables</b>	
locality_identifier	Locality identifier
household_identifier	Unique household identifier
round	Survey round (0 = baseline; 1 = follow-up)
enrolled	Household enrolled in HISP (0=no, 1=yes)
enrolled_rp	Household enrolled in HISP under the randomized promotion

	scenario (0=no, 1=yes)
eligible	Household eligible to enroll in HISP (0=no, 1=yes)
treatment_locality	Household is located in treatment community (0=no, 1=yes)
promotion_locality	Household is located in locality randomly assigned promotion of HISP (0=no, 1=yes)
poverty_index	Poverty index 1-100 (eligible $\leq$ 58)
hospital	HH member visited hospital in the past year (0=no, 1=yes), used in power calculations

### The Technical Companion do file

The Technical Companion do file contains all the Stata commands necessary to replicate the results presented in the technical companion from the HISP dataset. On the book website, you will also find another do-file that can be used to replicate the HISP case study tables presented in the book. While the technical companion do file and HISP case study do-files are slightly different due to the difference in scope between the book and its technical companion, they run on the same dataset and provide similar results.

The commands in the do-file can be executed as a batch (all together), line by line or piece by piece. Please consult the Stata “Getting Started” guide to learn how to load and execute the do file.

On line 16 of the do file, you will need to insert the path of the folder in which you saved the dataset.

```

14 *Specify the access path to the computer folder you will use for the analysis
15 *=====
16 cd "INSERT THE PATH OF THE FOLDER WHERE YOU SAVED THE DATASET, EG. C:\My Documents\HISP"
17 *=====
```

For each method, you will first select the relevant data from the provided dataset, and then carry out the analysis using Stata commands.

Please note that depending on the software version you are using, you might encounter very small differences in the results.

### Disclaimers

*The authors appreciate your interest in the book and its materials, and will gladly receive suggestions for improvements.*

*However, the authors are unable to respond to requests for individual assistance on the case study, including on downloading the materials and interpreting Stata commands or results. The Stata code and data are provided as a courtesy only.*

*There is no guarantee that any of the files will work on a user’s computer or produce any expected results. The World Bank will not be responsible for any possible adverse effects resulting from downloading or using the provided online materials.*