

# On the Informativeness of Descriptive Statistics for Structural Estimates

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## Replication Code and Data

### A Archive Overview

This archive contains code and data necessary for the replication of the three applications (Attanasio et al. 2012a; Gentzkow 2007a; and Hendren 2013a) in the paper. These are based on the replication code and data for these applications (Attanasio et al. 2012b, Gentzkow 2007b, Hendren 2013b), supplemented with additional files provided to us by Hendren.

The directories listed in Table 1 produce all tables and calculations reported in the paper.

**Table 1:** Archive Overview

Directory Name	Purpose
analysis/build	Contains cleaned data files used in calculations
analysis/release	Contains output from directories in /analysis/source
analysis/source	Performs calculations
config	Initializes environment for analysis on local machines and computing clusters
paper_slides/release	Contains output from directories in /paper_slides/source
paper_slides/source	Contains source files for the paper

### B Directory Structure

The root of the directory structure contains a script called `SConstruct`. Each subfolder of `analysis/source` and `paper_slides/source` contains a script called `SConscript`. The scripts called `SConstruct` and `SConscript` can be treated as documentation on the relationships among the different objects in the archive. The LyX files in `paper_slides/source` can be treated as documentation on the internal names of the tables in the paper within the code archive.

### C System Requirements

All analysis code was originally run on Mac OS X machines as well as the Stanford University Sherlock research computing clusters. Other dependencies are declared in the file `README.md`.

## References

- Attanasio, Orazio P., Costas Meghir, and Ana Santiago. 2012a. Education choices in Mexico: Using a structural model and a randomized experiment to evaluate PROGRESA. *Review of Economic Studies* 79(1): 37-66.
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- Gentzkow, Matthew. 2007a. Valuing new goods in a model with complementarity: Online newspapers. *American Economic Review* 97(3): 713-744.
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