

## Readme file for the replication data of “Interacting treatments with endogenous takeup”

The dataset “data.RData” is a subset of the “Student Achievement and Retention Project” (STAR) data analyzed in Angrist, Lang, and Oreopoulos (2009): “Incentives and Services for College Achievement: Evidence from a Randomized Trial,” *American Economic Journal: Applied Economics*, 1, 136–163. The dataset contains 798 observations (female students with observed fall grades) and five variables, defined as follows:

- **Y**: grades in the fall semester - outcome  
(corresponds to the variable “grade\_20059\_fall” in the original STAR data)
- **DA**: indicator for receiving tutoring - treatment A  
(corresponds to the variable “used\_ssp” in the original STAR data)
- **DB**: indicator for signing up for financial incentives (and possibly also tutoring) - treatment B  
(corresponds to the variable “sfspace\_p” in the original STAR data)
- **ZA**: indicator for being offered tutoring - instrument A  
(corresponds to the sum of the variables “ssp” and “sfspace” in the original STAR data)
- **ZB**: indicator for offered financial incentives - instrument B  
(corresponds to the variable “sfspace” in the original STAR data)

The R script application.R replicates Tables 1, 2, 3, 4, D.1, and D.2 from the paper. Ensure that the directory from which the dataset is loaded is appropriately updated in the code, as it is currently set to C:/data.RData.