

Homework #7

Due 8am EST Wednesday Nov 18, 2015

Econ B2000, MA Econometrics

Kevin R Foster, CCNY

This is the last homework assignment, the rest is working on your project.

Each student should submit a separate assignment, even if it is an identical computer file to the rest of your study group. When submitting assignments, please include your name and the assignment number as part of the filename. Please write the names of your study group members at the beginning of your homework.

1. What are the names of the people in your study group?
2. Each person in the group should find 2 academic articles related to your current choice of final project. Write a short paragraph on each, concentrating on what data is used (and whether it is accessible), what econometric techniques, and what questions are addressed.
3. This question uses the power of combinations. Pick a dataset from column 1 and some estimation technique from column 2 and show me some nice results. Continue. Impress me. (There are 77 combinations here; you can bet that at least one of them [prob more] will be on exam.)

Data	Estimation
PUMS	Interactions & multilevel
CPS	Logit/Probit
ATUS	k-nn
CEX	Tree
Taxi rides	Quantile Regression
NHIS	LOESS
BRFSS	Propensity Score
	LASSO
	Spike & Slab
	Random Forest
	Factor Analysis/PCA

I'll note that some students found the "stargazer" package for R to create nice output tables. You can pimp your tables to look even nicer but that sets quite a floor!