

Generating Results from the Consumer Expenditure Survey

Final Data Set:

~/aerpandp/ce/data/cons_final60_11.sas7bdat

To go from final dataset to final results:

- 1) Run ~/aerpandp/ce/programs/inequality00_11_replicate.sas
- 2) To get the real percentiles convert the output to 2011 dollars using the adjusted CPI-U-RS (~/aerpandp/price_index.txt)

Generating cons_final60_11.sas7bdat from the Raw Data

Run the following SAS and Stata programs in the order listed below. Note that you will need to edit FILENAME and LIBNAME commands within all of these programs to specify where the raw or intermediate data files are located, and where the output should be placed. Hint: Search on “~/jim” to find pathnames in the code that need to be edited. Several of the files will rely on ~/aerpandp/ce/programs/include/infile_cons.mcr for column locations.

Other files are provided so no program needs to be run. These include:

~/aerpandp/ce/data/prices1980.sas7bdat (price indices file)

~/aerpandp/ce/data/demog7273.sas7bdat (this data file is created by

~/aerpandp/ce/programs/demog_for_cars_7273.sas)

~/aerpandp/ce/data/health_insurance.sas7bdat (see

~/aerpandp/ce/programs/supplemental/Valuing_Health_Ins_Appendix.doc for a description of this dataset)

~/aerpandp/ce/data/tosas_pred_rent05.raw (this is a file generated by

~/aerpandp/ce/programs/predict_rent.do using data through 2005 only)

~/aerpandp/ce/data/car_values05.sas7bdat (this is a file generated by

~/aerpandp/ce/programs/regs_predict8.sas using data through 2005 only)

Programs to run:

~/aerpandp/ce/programs/fix_food_shelt_trans84_86.sas

~/aerpandp/ce/programs/fix_fstamps84.sas

~/aerpandp/ce/programs/fix_owndwell_8486.sas

~/aerpandp/ce/programs/fix_retire85.sas

~/aerpandp/ce/programs/famstep80_00.sas (Note: this file reads in

~/aerpandp/ce/data/cex_state/sid84_85.sas7bdat.gz and ~/aerpandp/ce/data/cex_state/sid86_92.sas7bdat.gz which are state ID files provided by the BLS. Unzip them using gunzip unix command.

~/aerpandp/ce/programs/famstep8081.sas

~/aerpandp/ce/programs/detail_exp_7273.sas

~/aerpandp/ce/programs/Cars7273_8.sas (Note this program will need

~/aerpandp/ce/data/demog7273.sas7bdat)

~/aerpandp/ce/programs/number_cars_trucks.sas (Note run only the part for 1972-1973)

~/aerpandp/ce/programs/famstep7273.sas

~/aerpandp/ce/programs/famstep6061.sas

~/aerpandp/ce/programs/famstep01_11.sas
~/aerpandp/ce/programs/appliance80_11.sas
~/aerpandp/ce/programs/house_value_84_11.sas
~/aerpandp/ce/programs/debt_housing80_11.sas
~/aerpandp/ce/programs/mkmemmbdata80_11.sas
~/aerpandp/ce/programs/health80_11.sas
~/aerpandp/ce/programs/debt80_11.sas
~/aerpandp/ce/programs/wgt_agg_veh_cloth80_11.sas
~/aerpandp/ce/programs/mkconsdat80_11.sas (Note: this program reads in two SAS datasets--
~/aerpandp/ce/data/predveh_all.sas7bdat.gz and ~/aerpandp/ce/data/predveh_8081.sas7bdat.gz
that are old datasets which are not used in any analysis. Unzip them using gunzip unix command.
Also, this program generates a raw file for Stata called statadat.dat that will be used in the next
program)

~/aerpandp/ce/programs/predict_rent.do (Run this in Stata)

~/aerpandp/ce/programs/Master Data13.sas (Note: this program uses ~/aerpandp/ce/data/number
code matrix.txt, ~/aerpandp/ce/data/letter code matrix.txt, and
~/aerpandp/ce/data/letter_code_06_11.txt)

~/aerpandp/ce/programs/regs_predict9.sas
~/aerpandp/ce/programs/number_cars_trucks.sas (Note: run only the part for 1980-2011)

~/aerpandp/ce/programs/health_insurance_72_11.sas (Note: this program uses
~/aerpandp/ce/data/health_insurance.sas7bdat)

~/aerpandp/ce/programs/merge_all_to_master80_11.sas (Note: this program invokes the sas program
~/aerpandp/ce/programs/include/health_insurance.sas; it also pulls in
~/aerpandp/ce/data/tosas_pred_rent05.raw and ~/aerpandp/ce/data/car_values05.sas7bdat)

~/aerpandp/ce/programs/poverty_trends_health60_11.sas