

ASGN2

Due Sunday 2/26 10:30 PM

For Assignment 2 we have several years of data from the General Social Survey. We have the following files – all in P:\QAC\qac157\students\mkaparakis\Assignments\asgn2.

sub-cdbk.txt the codebook for the data

GSS_78_84.dta a Stata data file for 1978 and 1984

GSS_94.csv an ascii delimited file for 1994 (comma separated values)

GSS_04.xlsx an Excel file for 2004 or GSS_04.csv if excel import is still not working

GSS_12_tab.txt an ascii delimited file (tab delimited) with most of the variables for 2012

GSS_12_unformatted.txt an ascii file with the following variables for 2012 (each row is an observation)

**CASEID YEAR ID GUN GUNAGE GUNNUM OWNGUN SHOTGUN ROWNGUN GUNNER HGUNLAW HGUNCRIM
GUNSALES GUNSDRUG SEMIGUNS GUNS911 OTHGUNS GUNSDRNK**

Please write a SAS program to:

1. To create a temporary SAS data file that includes all the years and variables in the above data files (i.e. import the files, append and merge as needed).
2. Account for missing observations for the following variables: TVHOURS, NEWS, PISTOL, RIFLE, DEGREE
3. To account for missing observations someone used the statements listed in the following two pages. I know you can you can do the same work with fewer lines of code. Please re-write their program and account for missing observations for
**GUN GUNAGE GUNNUM OWNGUN SHOTGUN ROWNGUN GUNNER HGUNLAW HGUNCRIM GUNSALES
GUNSDRUG SEMIGUNS GUNS911 OTHGUNS GUNSDRNK**
4. Use appropriate summary statistics to explore how gun ownership may have changed overtime.
5. Create an appropriate graph to show changes of gun ownership for different education levels over time

Via Moodle you should submit two files:

1. Your SAS program that includes all the steps of your analysis with brief comments explaining what you are doing; it should be named yourusername_asgn2.sas
2. A report in pdf format (named yourusername_asgn2.pdf). Your report should summarize your major observations regarding changes in gun ownership and include any graphs and tables (you created in items 4 and 5) that will help your readers understand/ follow your arguments and points. (create your tables don't copy and paste SAS output)

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IF (ABINFO = 0 OR ABINFO = 8 OR ABINFO = 9) THEN ABINFO = .;

IF (ABFIRM = 0 OR ABFIRM = 8 OR ABFIRM = 9) THEN ABFIRM = .;

IF (ABCARE = 0 OR ABCARE = 8 OR ABCARE = 9) THEN ABCARE = .;

IF (CHLDIDEL = -1 OR CHLDIDEL = 9) THEN CHLDIDEL = .;

IF (CHLDMORE = 0 OR CHLDMORE = 8 OR CHLDMORE = 9) THEN CHLDMORE = .;

IF (CHLDNUM = 0 OR CHLDNUM = 9) THEN CHLDNUM = .;

IF (CHLDSOON = -1 OR CHLDSOON = 8 OR CHLDSOON = 9) THEN CHLDSOON = .;

IF (PILL = 0 OR PILL = 8 OR PILL = 9) THEN PILL = .;

IF (TEENPILL = 0 OR TEENPILL = 8 OR TEENPILL = 9) THEN TEENPILL = .;

IF (PILLOKY = 0 OR PILLOKY = 8 OR PILLOKY = 9) THEN PILLOKY = .;

IF (PILLOK = 0 OR PILLOK = 8 OR PILLOK = 9) THEN PILLOK = .;

IF (SEXEDUC = 0 OR SEXEDUC = 8 OR SEXEDUC = 9) THEN SEXEDUC = .;

IF (DIVLAW = 0 OR DIVLAW = 8 OR DIVLAW = 9) THEN DIVLAW = .;

IF (DIVLAWY = 0 OR DIVLAWY = 8 OR DIVLAWY = 9) THEN DIVLAWY = .;

IF (SPDUE = 0 OR SPDUE = 8 OR SPDUE = 9) THEN SPDUE = .;

IF (SPPAID = 0 OR SPPAID = 8 OR SPPAID = 9) THEN SPPAID = .;

IF (PREMARX = 0 OR PREMARX = 8 OR PREMARX = 9) THEN PREMARX = .;

IF (TEENSEX = 0 OR TEENSEX = 8 OR TEENSEX = 9) THEN TEENSEX = .;

IF (XMARSEX = 0 OR XMARSEX = 8 OR XMARSEX = 9) THEN XMARSEX = .;

IF (HOMOSEX = 0 OR HOMOSEX = 8 OR HOMOSEX = 9) THEN HOMOSEX = .;

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IF (CIVRIGHT = 0 OR CIVRIGHT = 8 OR CIVRIGHT = 9) THEN CIVRIGHT = .;

IF (ANTIWAR = 0 OR ANTIWAR = 8 OR ANTIWAR = 9) THEN ANTIWAR = .;

IF (PROWAR = 0 OR PROWAR = 8 OR PROWAR = 9) THEN PROWAR = .;

IF (SCHOOL = 0 OR SCHOOL = 8 OR SCHOOL = 9) THEN SCHOOL = .;

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IF (HITNUM = 0 OR HITNUM = 8 OR HITNUM = 9) THEN HITNUM = .;

IF (GUN = 0 OR GUN = 8 OR GUN = 9) THEN GUN = .;

IF (GUNAGE = 0 OR GUNAGE = 8 OR GUNAGE = 9) THEN GUNAGE = .;

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IF (HITMARCH = 0 OR HITMARCH = 8 OR HITMARCH = 9) THEN HITMARCH = .;

IF (HITDRUNK = 0 OR HITDRUNK = 8 OR HITDRUNK = 9) THEN HITDRUNK = .;

IF (HITCHILD = 0 OR HITCHILD = 8 OR HITCHILD = 9) THEN HITCHILD = .;

IF (HITBEATR = 0 OR HITBEATR = 8 OR HITBEATR = 9) THEN HITBEATR = .;

IF (HITROBBR = 0 OR HITROBBR = 8 OR HITROBBR = 9) THEN HITROBBR = .;

IF (POLHITOK = 0 OR POLHITOK = 8 OR POLHITOK = 9) THEN POLHITOK = .;

IF (POLHITTOY = 0 OR POLHITTOY = 8 OR POLHITTOY = 9) THEN POLHITTOY = .;

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IF (POLMURDR = 0 OR POLMURDR = 8 OR POLMURDR = 9) THEN POLMURDR = .;

IF (POLESCAP = 0 OR POLESCAP = 8 OR POLESCAP = 9) THEN POLESCAP = .;

IF (POLATTAK = 0 OR POLATTAK = 8 OR POLATTAK = 9) THEN POLATTAK = .;

IF (FEAR = 0 OR FEAR = 8 OR FEAR = 9) THEN FEAR = .;

IF (FEARHOME = 0 OR FEARHOME = 8 OR FEARHOME = 9) THEN FEARHOME = .;

IF (BURGLR = 0 OR BURGLR = 8 OR BURGLR = 9) THEN BURGLR = .;

IF (ROBBRY = 0 OR ROBBRY = 8 OR ROBBRY = 9) THEN ROBBRY = .;

IF (OWNGUN = 0 OR OWNGUN = 8 OR OWNGUN = 9) THEN OWNGUN = .;