

Data sets and documents used for tutorials and exercises

Commentary on SPSS files for Babbie et al

[Draft only: 15 Jan 2014]

Earl Babbie, Fred S. Halley, William E Wagner III and Jeanne Zaino

[Adventures in Social Research: Data Analysis Using IBM SPSS Statistics](#)

(8th edition, Sage 2013)

[Extract from page [Highly recommended SPSS textbooks](#)]

"An excellent book with a companion website and comprehensive coverage of the survey research process and logic of analysis as well as SPSS: very student- and user-friendly, especially for beginners, and encourages co-operative working. Uses SPSS 19/20 with data from the 2008 General Social Survey but with GUI, not syntax. There is a companion website with support materials for students."

This book is large format and heavy: it will easily slide off your knee. You will need plenty of desk space! It is pre-punched with 3 holes, and the pages are perforated at the binding, to enable breaking it up into smaller sections to store in a ledger file.

It uses **IBM® SPSS® Statistics** releases 18 and 19+: I am currently using release 22. All the examples use the drop-down menus in the GUI: **there are no examples using SPSS syntax**. [Gradpack](#) supports syntax, but the [Student Version](#) does not (it is owned by [Prentice-Hall](#) and is only available bundled with certain textbooks).

Three SPSS saved files used in the book are described in Appendix A pp 387 – 398:

Demo.sav (32 variables)

Exer.sav (35 variables)

Vars common to both (12 variables, but no file name)

The questions used are listed for each, but also there is also another "Questionnaire for Class Survey" (in traditional questionnaire format) in Appendix B pp399 – 405, but the variables are not in the same order.

Since I couldn't access the supporting materials via the Sage site, I spent a whole day re-creating SPSS files and documentation. Working directly from Appendix A in the book, and using the original **GSS2008.sav** from Roper, I used SPSS syntax to extract the variables specified for each and save new files keeping the variables in the order specified.

babbie_demo.sav

babbie_exer.sav

babbie_common.sav

. . and also a merged file containing all variables from the above:

babbie_all.sav

I generated three SPSS files with variables in the same order as in the book, but it's not clear if this is the same order as the actual questionnaire used in the field. The book says the variables in my **babbie_common.sav** are included in their versions of **demo.sav** and **exer.sav**, but since I couldn't

access the student or instructor site, I kept them separate. The files were created using the following syntax:

```
title 'Recreate samples for Babbie et al'.

/* demo.sav.
SAVE OUTFILE=
'C:\Users\John\Desktop\Surveys\NORC General Social Survey\babbie_demo.sav'
/keep abany abdefect to abpoor abrape to absingle
  chldidel marital divorce childs
  obey popular thnkself workhard helpoth
  sibs attend postlife pray relig cappun getahead
  homosex xmovie premarsx gunlaw racdif4 marblk natrace.
display labels.

/* exer.sav.
SAVE OUTFILE=
'C:\Users\John\Desktop\Surveys\NORC General Social Survey\babbie_exer.sav'
/keep
  fechld fepresch fefam fehire health
  polhitok polabuse polmurdr polescap
  polattak news tvhours conpress contv
  natheal natcity natcrime natdrug nateduc natrace natfare
  pillok sexeduc teensex
  affrmact wrkwayup racwork discaff
  eqwlth eff911f eff911k eff911l eff911m
  region vote04.
display labels.

/* vars common to both.
SAVE OUTFILE=
'C:\Users\John\Desktop\Surveys\NORC General Social Survey\babbie_common.sav'
/keep
  id age class educ
  polviews partyid income sei
  race rincome sex .
display labels.
```

These files were then combined into a single composite file **babbie_all.sav** using the SPSS command:

```
match files ~ ~ ~ ~.
```

SPSS saved file **GSS2008.sav** has most variable names in **lower case** and most variable and value labels in **UPPER CASE**. My practice when opening such files is to modify them to change all labels to **Mixed Case** (See [commentaries on SPSS files](#) on my site). Many of these files also need missing values and measurement levels to be specified. GSS2008 missing values have all been declared and are consistently labelled, but measurement levels, although they appear to have been specified, are actually automatically created by SPSS and are not correct. They need to be correctly specified by the user.

All variable and value labels in these files were in **UPPER CASE**, which I find unaesthetic, so I changed them all to **Mixed Case** using Python code supplied by Jon Peck (Senior Software Engineer, IBM/SPSS) and saved the new file as:

babbie_all2.sav

babbie_demo.sav

Variable Labels

Variable	Position	Label
abany	1	ABORTION IF WOMAN WANTS FOR ANY REASON
abdefect	2	STRONG CHANCE OF SERIOUS DEFECT
abhlth	3	WOMANS HEALTH SERIOUSLY ENDANGERED
abnomore	4	MARRIED--WANTS NO MORE CHILDREN
abpoor	5	LOW INCOME--CANT AFFORD MORE CHILDREN
abrape	6	PREGNANT AS RESULT OF RAPE
absingle	7	NOT MARRIED
chldidel	8	IDEAL NUMBER OF CHILDREN
marital	9	MARITAL STATUS
divorce	10	EVER BEEN DIVORCED OR SEPARATED
childs	11	NUMBER OF CHILDREN
obey	12	TO OBEY
popular	13	TO BE WELL LIKED OR POPULAR
thnkself	14	TO THINK FOR ONES SELF
workhard	15	TO WORK HARD
helpoth	16	TO HELP OTHERS
sibs	17	NUMBER OF BROTHERS AND SISTERS
attend	18	HOW OFTEN R ATTENDS RELIGIOUS SERVICES
postlife	19	BELIEF IN LIFE AFTER DEATH
pray	20	HOW OFTEN DOES R PRAY
relig	21	RS RELIGIOUS PREFERENCE
cappun	22	FAVOR OR OPPOSE DEATH PENALTY FOR MURDER
getahead	23	OPINION OF HOW PEOPLE GET AHEAD
homosex	24	HOMOSEXUAL SEX RELATIONS
xmovie	25	SEEN X-RATED MOVIE IN LAST YEAR
premarx	26	SEX BEFORE MARRIAGE
gunlaw	27	FAVOR OR OPPOSE GUN PERMITS
racdif4	28	DIFFERENCES DUE TO LACK OF WILL
marblk	29	CLOSE RELATIVE MARRY BLACK
natrace	30	IMPROVING THE CONDITIONS OF BLACKS

Variables in the working file

[NB: Need to check if this is the file distributed with SPSS]

babbie_exer.sav

Variable Labels

Variable	Position	Label
fechld	1	MOTHER WORKING DOESNT HURT CHILDREN
fepresch	2	PRESCHOOL KIDS SUFFER IF MOTHER WORKS
fefam	3	BETTER FOR MAN TO WORK, WOMAN TEND HOME
fehired	4	SHOULD HIRE AND PROMOTE WOMEN
health	5	CONDITION OF HEALTH
polhitok	6	EVER APPROVE OF POLICE STRIKING CITIZEN
polabuse	7	CITIZEN SAID VULGAR OR OBSCENE THINGS
polmurdr	8	CITIZEN QUESTIONED AS MURDER SUSPECT
polescap	9	CITIZEN ATTEMPTING TO ESCAPE CUSTODY
polattak	10	CITIZEN ATTACKING POLICEMAN WITH FISTS
news	11	HOW OFTEN DOES R READ NEWSPAPER
tvhours	12	HOURS PER DAY WATCHING TV
conpress	13	CONFIDENCE IN PRESS
contv	14	CONFIDENCE IN TELEVISION
natheal	15	IMPROVING & PROTECTING NATIONS HEALTH
natcity	16	SOLVING PROBLEMS OF BIG CITIES
natcrime	17	HALTING RISING CRIME RATE
natdrug	18	DEALING WITH DRUG ADDICTION
nateduc	19	IMPROVING NATIONS EDUCATION SYSTEM
natrace	20	IMPROVING THE CONDITIONS OF BLACKS
natfare	21	WELFARE
pillok	22	BIRTH CONTROL TO TEENAGERS 14-16
sexeduc	23	SEX EDUCATION IN PUBLIC SCHOOLS
teensex	24	SEX BEFORE MARRIAGE -- TEENS 14-16
affrmact	25	FAVOR PREFERENCE IN HIRING BLACKS
wrkwayup	26	BLACKS OVERCOME PREJUDICE WITHOUT FAVORS
racwork	27	RACIAL MAKEUP OF WORKPLACE
discaff	28	WHITES HURT BY AFF. ACTION
eqwth	29	SHOULD GOVT REDUCE INCOME DIFFERENCES
EFF911F	30	HOW EFFECTIVE R THINKS REDUCING AIR TRAVEL
EFF911K	31	HOW EFFECTIVE R THINKS AVOIDING TRAVEL TO CERTAIN CITIES
EFF911L	32	HOW EFFECTIVE R THINKS AVOIDING TALL BUILDINGS
EFF911M	33	HOW EFFECTIVE R THINKS AVOIDING NATIONAL LANDMARKS
region	34	REGION OF INTERVIEW
vote04	35	DID R VOTE IN 2004 ELECTION

Variables in the working file

babbie_common.sav

Variable Labels

Variable	Position	Label
id	1	RESPONDNT ID NUMBER
age	2	AGE OF RESPONDENT
class	3	SUBJECTIVE CLASS IDENTIFICATION
educ	4	HIGHEST YEAR OF SCHOOL COMPLETED
polviews	5	THINK OF SELF AS LIBERAL OR CONSERVATIVE
partyid	6	POLITICAL PARTY AFFILIATION
income	7	TOTAL FAMILY INCOME
sei	8	RESPONDENT SOCIOECONOMIC INDEX
race	9	RACE OF RESPONDENT
rincome	10	RESPONDENTS INCOME
sex	11	RESPONDENTS SEX

Variables in the working file

[NB: The variable **wt2008nr** is not in file **GSS2008.sav**, but is in **exer.sav**]

I can now **MATCH** my three files and save them as **babbie_all.sav** with variables in this order:

Variable Labels

Variable	Position	Label
id	1	RESPONDNT ID NUMBER
abany	2	ABORTION IF WOMAN WANTS FOR ANY REASON
abdefect	3	STRONG CHANCE OF SERIOUS DEFECT
abhth	4	WOMANS HEALTH SERIOUSLY ENDANGERED
abnmore	5	MARRIED--WANTS NO MORE CHILDREN
abpoor	6	LOW INCOME--CANT AFFORD MORE CHILDREN
abraper	7	PREGNANT AS RESULT OF RAPE
absingle	8	NOT MARRIED
chldidel	9	IDEAL NUMBER OF CHILDREN
marital	10	MARITAL STATUS
divorce	11	EVER BEEN DIVORCED OR SEPARATED
childs	12	NUMBER OF CHILDREN
obey	13	TO OBEY
popular	14	TO BE WELL LIKED OR POPULAR
thinkself	15	TO THINK FOR ONES SELF
workhard	16	TO WORK HARD
helpoth	17	TO HELP OTHERS
sibs	18	NUMBER OF BROTHERS AND SISTERS
attend	19	HOW OFTEN R ATTENDS RELIGIOUS SERVICES
postlife	20	BELIEF IN LIFE AFTER DEATH
pray	21	HOW OFTEN DOES R PRAY
relig	22	RS RELIGIOUS PREFERENCE
cappun	23	FAVOR OR OPPOSE DEATH PENALTY FOR MURDER
getahead	24	OPINION OF HOW PEOPLE GET AHEAD
homosex	25	HOMOSEXUAL SEX RELATIONS
xmovie	26	SEEN X-RATED MOVIE IN LAST YEAR
premarsx	27	SEX BEFORE MARRIAGE
gunlaw	28	FAVOR OR OPPOSE GUN PERMITS
racdif4	29	DIFFERENCES DUE TO LACK OF WILL
marblk	30	CLOSE RELATIVE MARRY BLACK
natrace	31	IMPROVING THE CONDITIONS OF BLACKS
fechld	32	MOTHER WORKING DOESNT HURT CHILDREN
fepresch	33	PRESCHOOL KIDS SUFFER IF MOTHER WORKS
fefam	34	BETTER FOR MAN TO WORK, WOMAN TEND HOME
fehires	35	SHOULD HIRE AND PROMOTE WOMEN
health	36	CONDITION OF HEALTH
polhitok	37	EVER APPROVE OF POLICE STRIKING CITIZEN
polabuse	38	CITIZEN SAID VULGAR OR OBSCENE THINGS
polmurdr	39	CITIZEN QUESTIONED AS MURDER SUSPECT
polescap	40	CITIZEN ATTEMPTING TO ESCAPE CUSTODY
polattak	41	CITIZEN ATTACKING POLICEMAN WITH FISTS
news	42	HOW OFTEN DOES R READ NEWSPAPER
tvhours	43	HOURS PER DAY WATCHING TV
conpress	44	CONFIDENCE IN PRESS
contv	45	CONFIDENCE IN TELEVISION
natheal	46	IMPROVING & PROTECTING NATIONS HEALTH
natcity	47	SOLVING PROBLEMS OF BIG CITIES
natcrime	48	HALTING RISING CRIME RATE
natdrug	49	DEALING WITH DRUG ADDICTION
nateduc	50	IMPROVING NATIONS EDUCATION SYSTEM
natfare	51	WELFARE
pillok	52	BIRTH CONTROL TO TEENAGERS 14-16
sexeduc	53	SEX EDUCATION IN PUBLIC SCHOOLS
teensex	54	SEX BEFORE MARRIAGE -- TEENS 14-16
affrmact	55	FAVOR PREFERENCE IN HIRING BLACKS
wrkwayup	56	BLACKS OVERCOME PREJUDICE WITHOUT FAVORS
racwork	57	RACIAL MAKEUP OF WORKPLACE
discaff	58	WHITES HURT BY AFF. ACTION
eqwlth	59	SHOULD GOVT REDUCE INCOME DIFFERENCES
EFF911F	60	HOW EFFECTIVE R THINKS REDUCING AIR TRAVEL
EFF911K	61	HOW EFFECTIVE R THINKS AVOIDING TRAVEL TO CERTAIN CITIES
EFF911L	62	HOW EFFECTIVE R THINKS AVOIDING TALL BUILDINGS
EFF911M	63	HOW EFFECTIVE R THINKS AVOIDING NATIONAL LANDMARKS
region	64	REGION OF INTERVIEW
vote04	65	DID R VOTE IN 2004 ELECTION
age	66	AGE OF RESPONDENT
class	67	SUBJECTIVE CLASS IDENTIFICATION
educ	68	HIGHEST YEAR OF SCHOOL COMPLETED
polviews	69	THINK OF SELF AS LIBERAL OR CONSERVATIVE
partyid	70	POLITICAL PARTY AFFILIATION
income	71	TOTAL FAMILY INCOME
sei	72	RESPONDENT SOCIOECONOMIC INDEX
race	73	RACE OF RESPONDENT
rincome	74	RESPONDENTS INCOME
sex	75	RESPONDENTS SEX

Variables in the working file

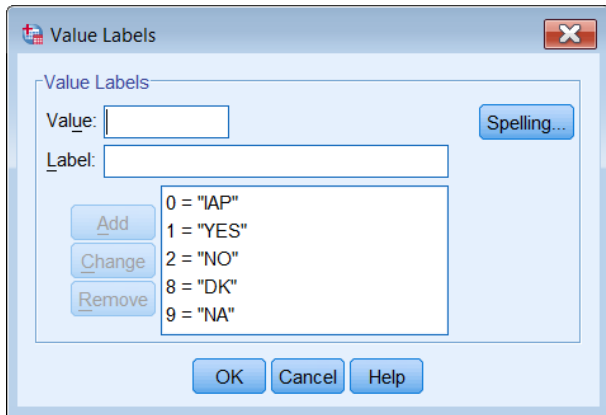
	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	id	Numeric	4	0	RESPONDNT ...	None	None	8	Right	Scale
2	abany	Numeric	1	0	ABORTION IF ...	{0, IAP}...	0, 8, 9	8	Right	Nominal
3	abdefect	Numeric	1	0	STRONG CHA...	{0, IAP}...	0, 8, 9	8	Right	Nominal
4	abhth	Numeric	1	0	WOMANS HE...	{0, IAP}...	0, 8, 9	8	Right	Nominal
5	abnomore	Numeric	1	0	MARRIED--W...	{0, IAP}...	0, 8, 9	8	Right	Nominal
6	abpoor	Numeric	1	0	LOW INCOME...	{0, IAP}...	0, 8, 9	8	Right	Nominal
7	abrape	Numeric	1	0	PREGNANT A...	{0, IAP}...	0, 8, 9	8	Right	Nominal
8	absingle	Numeric	1	0	NOT MARRIED...	{0, IAP}...	0, 8, 9	8	Right	Nominal
9	chldidel	Numeric	1	0	IDEAL NUMB...	{-1, IAP}...	-1, 9	8	Right	Nominal
10	marital	Numeric	1	0	MARITAL STA...	{1, MARRI...	9	8	Right	Nominal

Scroll to end of file:

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
67	class	Numeric	1	0	SUBJECTIVE ...	{0, IAP}...	0, 8, 9	8	Right	Nominal
68	educ	Numeric	2	0	HIGHEST YEA...	{97, IAP}...	97, 98, 99	8	Right	Nominal
69	polvid	Numeric	1	0	THINK OF SE...	{0, IAP}...	0, 8, 9	8	Right	Nominal
70	partyid	Numeric	1	0	POLITICAL P...	{0, STRON...	8, 9	8	Right	Nominal
71	income	Numeric	2	0	TOTAL FAMIL...	{0, IAP}...	13 - 99, 0	8	Right	Nominal
72	sei	Numeric	4	1	RESPONDEN...	{-1.0, IAP}...	-1.0, 99.8, ...	8	Right	Scale
73	race	Numeric	1	0	RACE OF RE...	{0, IAP}...	0	8	Right	Nominal
74	rincome	Numeric	2	0	RESPONDEN...	{0, IAP}...	13 - 99, 0	8	Right	Nominal
75	sex	Numeric	1	0	RESPONDEN...	{1, MALE}...	0	8	Right	Nominal
76										

All variable names are in **lower case** except **EFF911F**, **EFF911K**, **EFF911L** and **EFF911M** on rows 61-64. All variable and value labels are in **UPPER CASE** except for the value labels of the same four variables, which are in **Mixed Case**.

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
60	EFF911F	Numeric	1	0	HOW EFFECT...	{0, IAP}...	0, 8, 9	9	Right	Nominal
61	EFF911K	Numeric	1	0	HOW EFFECT...	{0, IAP}...	0, 8, 9	9	Right	Nominal
62	EFF911L	Numeric	1	0	HOW EFFECT...	{0, IAP}...	0, 8, 9	9	Right	Nominal
63	EFF911M	Numeric	1	0	HOW EFFECT...	{0, IAP}...	0, 8, 9	9	Right	Nominal



abany



EFF911F

This indicates to me that the file is of **Mixed Parentage!**

I then ran John Peck's Python code:

* This program capitalizes all variable and value labels and replaces words listed in the uppercase variable with their all-caps equivalent in variable and value labels.

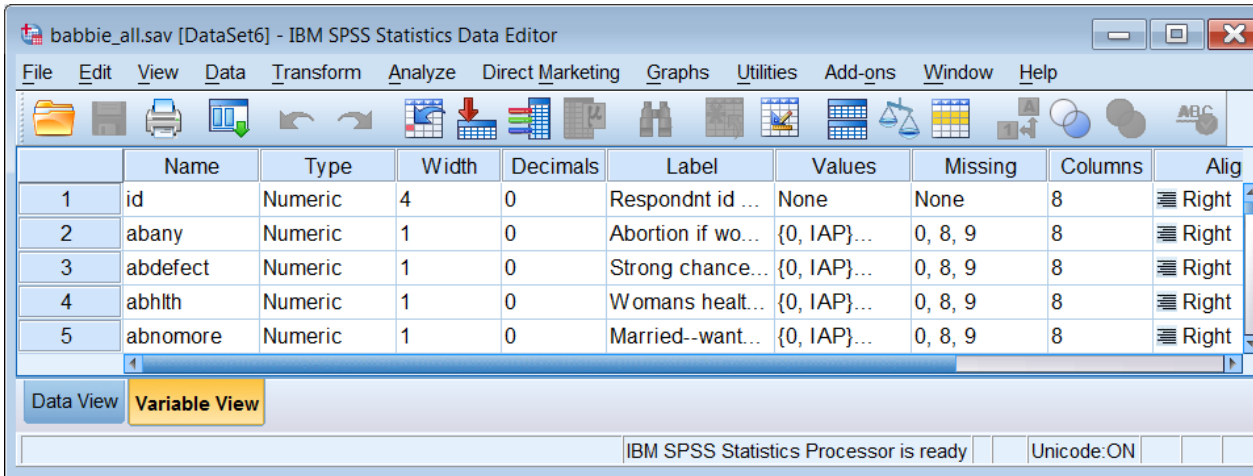
begin program.

```
import spss, spssaux, re
# terms to capitalize as free-standing words - list in upper case
# or whatever case variant is desired
uppercase = ["IAP", "DK", "NA", "Christian", "Jew", "Jewish", "America", "Islam"]
vd = spssaux.VariableDict()
for v in vd:
    varlabel = v.VariableLabel
    if varlabel:
        varlabel = varlabel.capitalize()
        for w in uppercase:
            sexpr = r"(?i)b%s\b" % w
            varlabel = re.sub(sexpr, w, varlabel)
        v.VariableLabel = varlabel
    vallbls = v.ValueLabels
    for k in vallbls:
        vallbls[k] = vallbls[k].capitalize()
        for w in uppercase:
            sexpr = r"(?i)b%s\b" % w
            vallbls[k] = re.sub(sexpr, w, vallbls[k])
    if vallbls:
        v.ValueLabels = vallbls
```

end program.

display labels.

SPSS hurtles through the file leaving the first letters of all labels in upper case, but changing everything except specified strings (eg IAP, DK, USA, America) to lower case. You watch it all happening in the Information area.

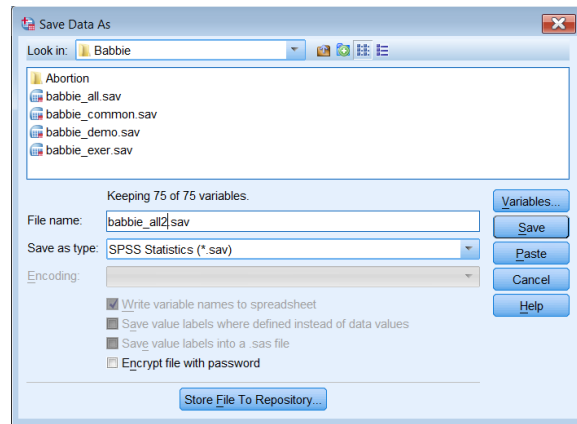
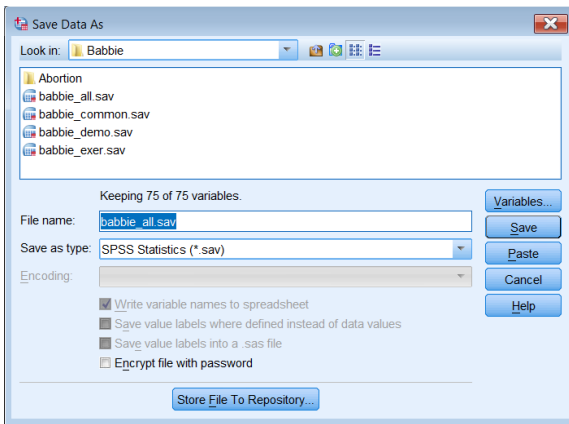


This file is now much easier both to read and to work with, but first it is now extremely important to **save my work!** First thing to do is to save the file with a new name:

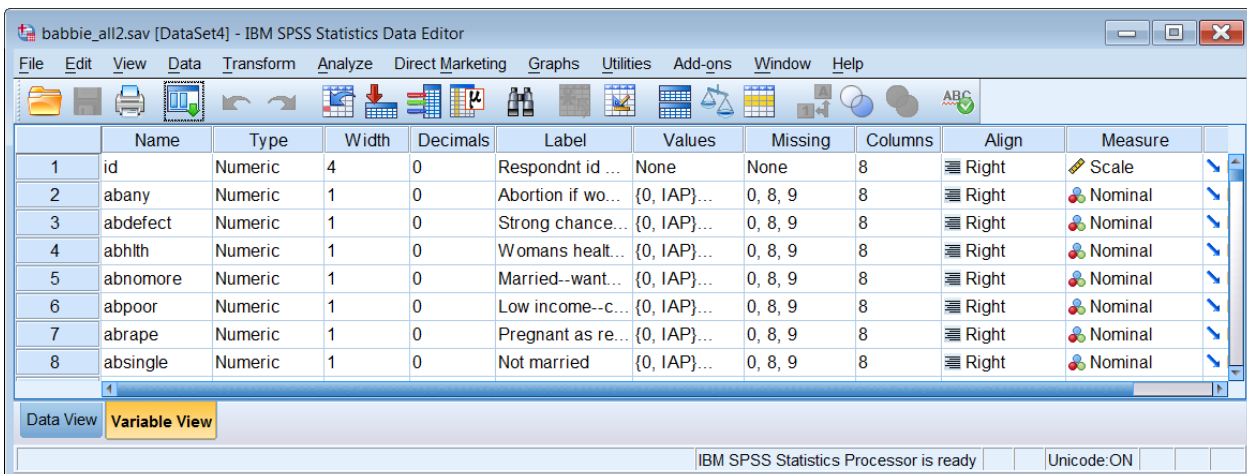
File > Save As

Change **babbie_all.sav** to

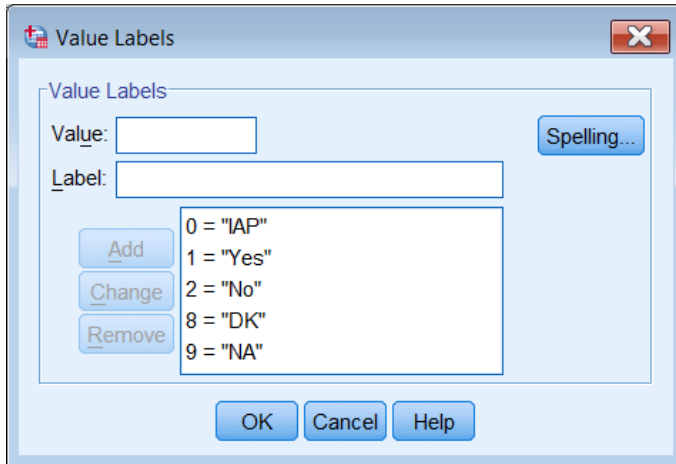
babbie_all2.sav



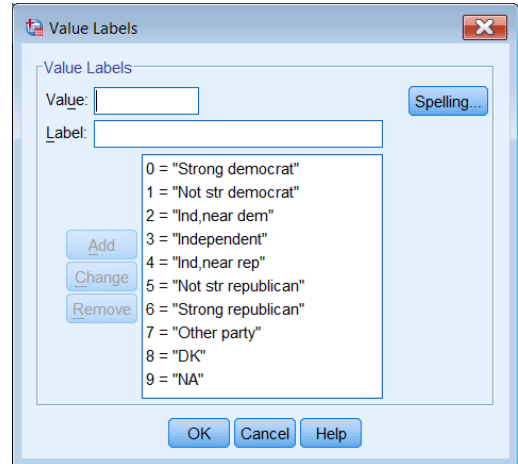
then click on **Save**



Check the value labels:

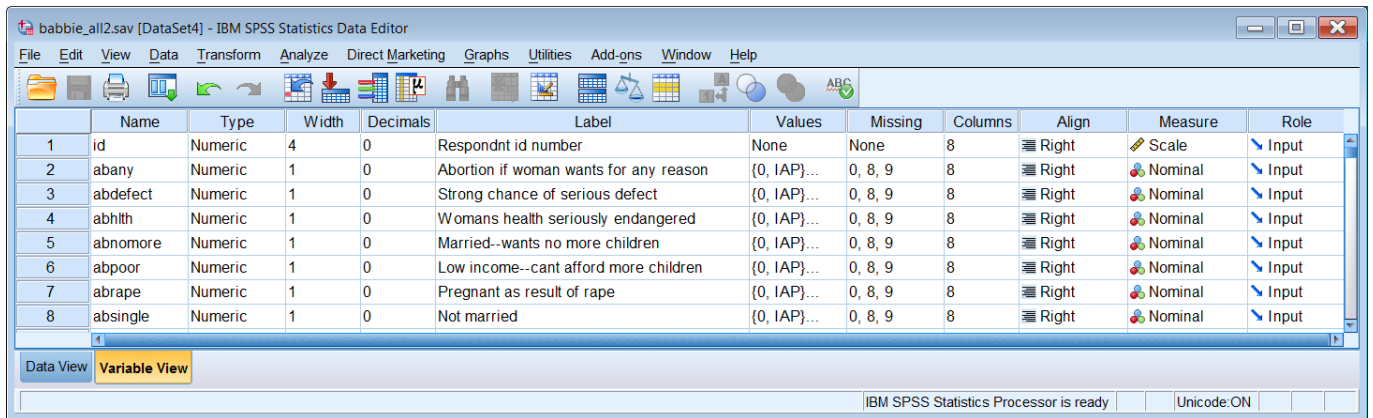


abany



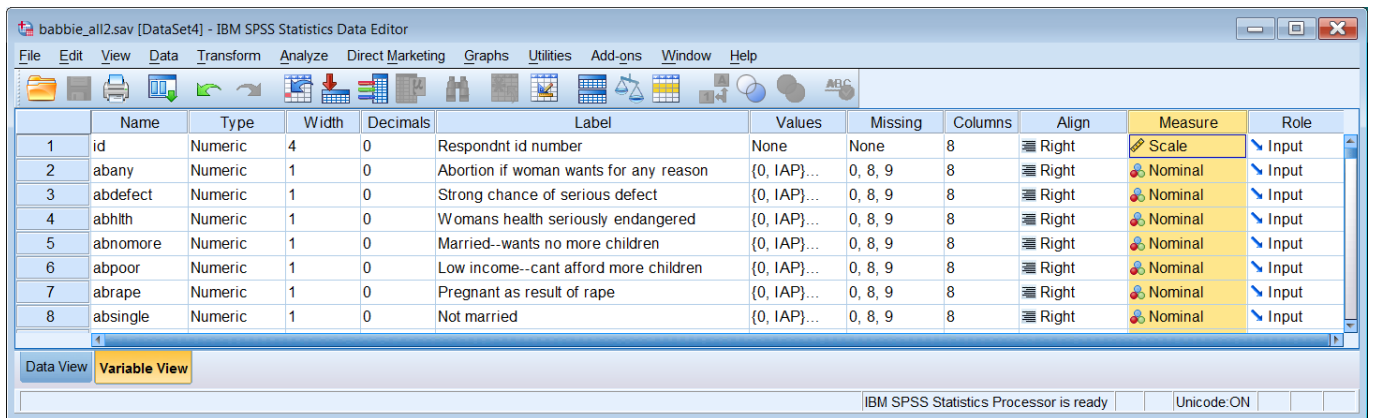
partyid

It helps if you widen the **Label** column to see more of the text:



. . and helps even more if we change the order of the columns so the useful ones are on the left.

View > Customise Variable View allows you to reorder columns, hide the ones you don't want and even create new ones, but for now you can simply highlight the headers:



and drag them to a new position:

	Name	Measure	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Role
1	id	Scale	Numeric	4	0	Respondnt id number	None	None	8	Right	Input
2	abany	Nominal	Numeric	1	0	Abortion if woman wants for any reason	{0, IAP}...	0, 8, 9	8	Right	Input
3	abdefect	Nominal	Numeric	1	0	Strong chance of serious defect	{0, IAP}...	0, 8, 9	8	Right	Input
4	abhith	Nominal	Numeric	1	0	Womans health seriously endangered	{0, IAP}...	0, 8, 9	8	Right	Input
5	abnomore	Nominal	Numeric	1	0	Married--wants no more children	{0, IAP}...	0, 8, 9	8	Right	Input
6	abpoor	Nominal	Numeric	1	0	Low income--cant afford more children	{0, IAP}...	0, 8, 9	8	Right	Input
7	abrape	Nominal	Numeric	1	0	Pregnant as result of rape	{0, IAP}...	0, 8, 9	8	Right	Input
8	absingle	Nominal	Numeric	1	0	Not married	{0, IAP}...	0, 8, 9	8	Right	Input

Now do the same for the other columns, starting with **Label**:

	Name	Measure	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Role
1	id	Scale	Numeric	4	0	Respondnt id number	None	None	8	Right	Input
2	abany	Nominal	Numeric	1	0	Abortion if woman wants for any reason	{0, IAP}...	0, 8, 9	8	Right	Input
3	abdefect	Nominal	Numeric	1	0	Strong chance of serious defect	{0, IAP}...	0, 8, 9	8	Right	Input
4	abhith	Nominal	Numeric	1	0	Womans health seriously endangered	{0, IAP}...	0, 8, 9	8	Right	Input
5	abnomore	Nominal	Numeric	1	0	Married--wants no more children	{0, IAP}...	0, 8, 9	8	Right	Input
6	abpoor	Nominal	Numeric	1	0	Low income--cant afford more children	{0, IAP}...	0, 8, 9	8	Right	Input

	Name	Measure	Label	Type	Width	Decimals	Values	Missing	Columns	Align	Role
1	id	Scale	Respondnt id number	Numeric	4	0	None	None	8	Right	Input
2	abany	Nominal	Abortion if woman wants for any reason	Numeric	1	0	{0, IAP}...	0, 8, 9	8	Right	Input
3	abdefect	Nominal	Strong chance of serious defect	Numeric	1	0	{0, IAP}...	0, 8, 9	8	Right	Input
4	abhith	Nominal	Womans health seriously endangered	Numeric	1	0	{0, IAP}...	0, 8, 9	8	Right	Input
5	abnomore	Nominal	Married--wants no more children	Numeric	1	0	{0, IAP}...	0, 8, 9	8	Right	Input
6	abpoor	Nominal	Low income--cant afford more children	Numeric	1	0	{0, IAP}...	0, 8, 9	8	Right	Input

Values

	Name	Measure	Label	Values	Type	Width	Decimals	Missing	Columns	Align	Role
1	id	Scale	Respondnt id number	None	Numeric	4	0	None	8	Right	Input
2	abany	Nominal	Abortion if woman wants for any reason	{0, IAP}...	Numeric	1	0	0, 8, 9	8	Right	Input
3	abdefect	Nominal	Strong chance of serious defect	{0, IAP}...	Numeric	1	0	0, 8, 9	8	Right	Input
4	abhith	Nominal	Womans health seriously endangered	{0, IAP}...	Numeric	1	0	0, 8, 9	8	Right	Input
5	abnomore	Nominal	Married--wants no more children	{0, IAP}...	Numeric	1	0	0, 8, 9	8	Right	Input
6	abpoor	Nominal	Low income--cant afford more children	{0, IAP}...	Numeric	1	0	0, 8, 9	8	Right	Input

Missing

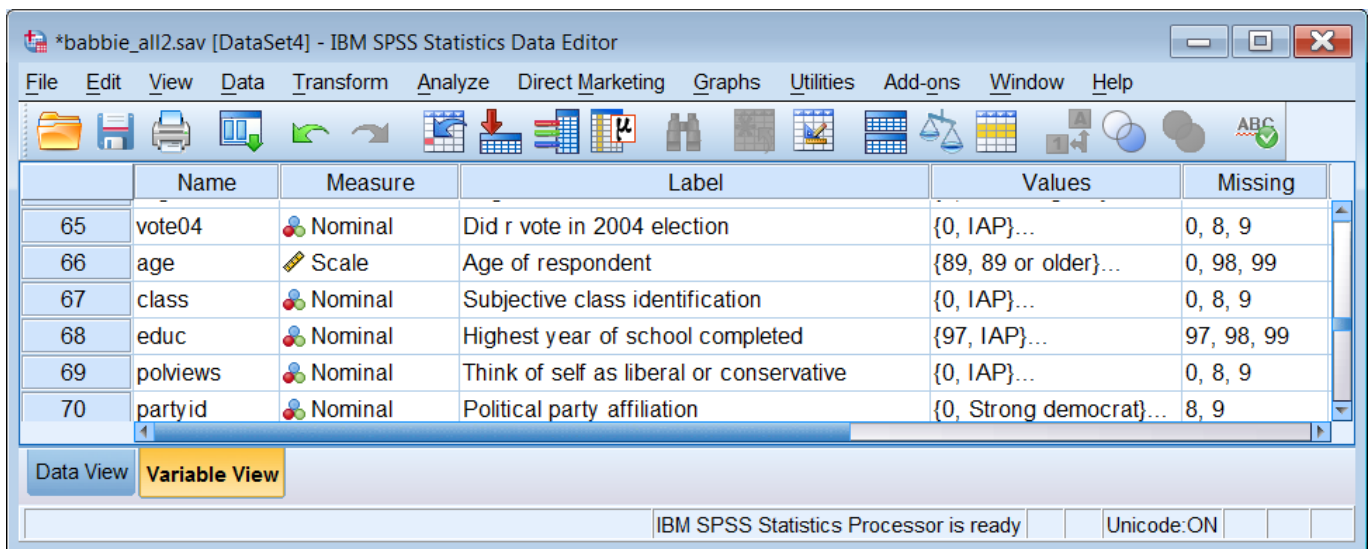
	Name	Measure	Label	Values	Missing	Type	Width	Decimals	Columns	Align	Role
1	id	Scale	Respondnt id number	None	None	Numeric	4	0	8	Right	Input
2	abany	Nominal	Abortion if woman wants for any reason	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
3	abdefect	Nominal	Strong chance of serious defect	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
4	abhth	Nominal	Womans health seriously endangered	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
5	abnmore	Nominal	Married--wants no more children	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
6	abpoor	Nominal	Low income--cant afford more children	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input

Scroll down the **Value** column to find the widest value label and widen the column to see all of it:

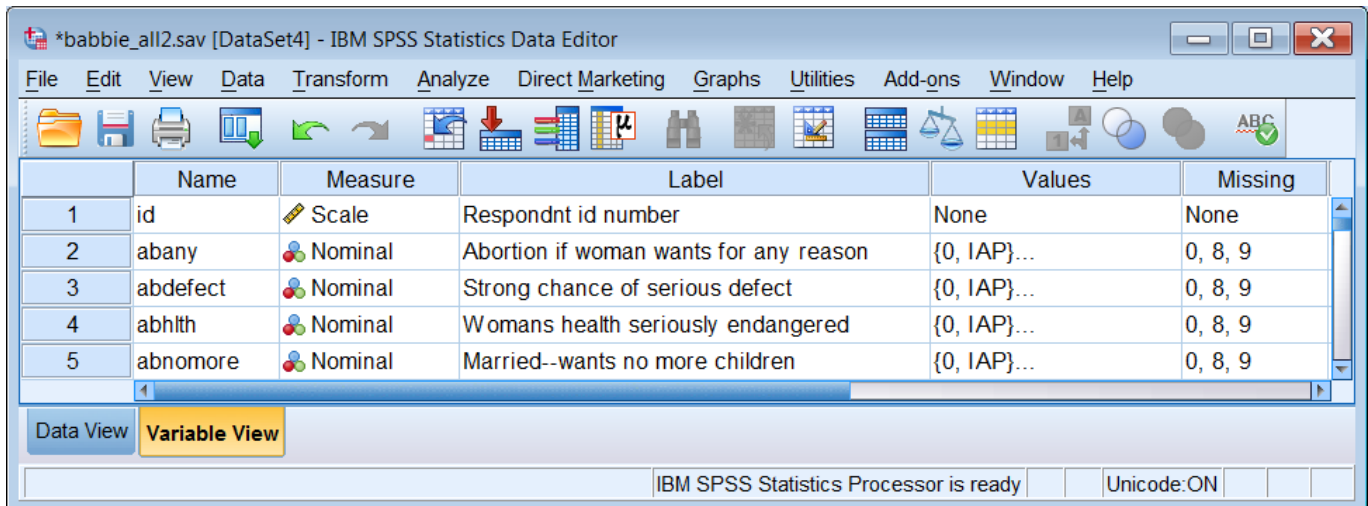
	Name	Measure	Label	Values	Missing	Type	Width	Decimals	Columns	Align	Role
64	region	Nominal	Region of interview	{0, Not assigned}...	0	Numeric	1	0	8	Right	Input
65	ote04	Nominal	Did r vote in 2004 election	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
66	ge	Scale	Age of respondent	{89, 89 or older}...	0, 98, 99	Numeric	2	0	8	Right	Input
67	lass	Nominal	Subjective class identification	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
68	duc	Nominal	Highest year of school completed	{97, IAP}...	97, 98, 99	Numeric	2	0	8	Right	Input
69	olviews	Nominal	Think of self as liberal or conservative	{0, IAP}...	0, 8, 9	Numeric	1	0	8	Right	Input
70	artyid	Nominal	Political party affiliation	{0, Strong democrat}...	8, 9	Numeric	1	0	8	Right	Input

.. and narrow the viewer until you have only the most important columns:

	Name	Measure	Label	Values	Missing
64	region	Nominal	Region of interview	{0, Not assigned}...	0
65	vote04	Nominal	Did r vote in 2004 election	{0, IAP}...	0, 8, 9
66	age	Scale	Age of respondent	{89, 89 or older}...	0, 98, 99
67	class	Nominal	Subjective class identification	{0, IAP}...	0, 8, 9
68	educ	Nominal	Highest year of school completed	{97, IAP}...	97, 98, 99
69	polviews	Nominal	Think of self as liberal or conservative	{0, IAP}...	0, 8, 9
70	partyid	Nominal	Political party affiliation	{0, Strong democrat}...	8, 9



Scroll back to the top of the file:



There remains some tidying up to do on the labels, to restore acronyms, proper names and other words which should have upper case first letters. This can be done manually in the Data Editor, by using:

Data > Define Variable Properties

(and saving the syntax with **Paste**) by writing new variable and value labels, or by finding all the qualifying words and adding them to the Python code. At least there are only 75 variables to check. The full **gss2008.sav** file has 843!

File **babbie_all2.sav** now holds all variables from all three files. The easiest way to recreate them, but with the new labelling, is to run the original **SAVE OUTFILE** commands again, but augment the *.sav file names to **babbie_demo2.sav**, **babbie_exer2.sav** and **babbie_common2.sav**.

For now I'll work from **babbie_all2.sav** and think about re-ordering the variables to tally with the "Class Questionnaire" in Appendix B. That way I'll be working from a single file.

babbie_all2.sav

Variable Labels

Variable	Position	Label
id	1	Respondnt id number
abany	2	Abortion if woman wants for any reason
abdefect	3	Strong chance of serious defect
abhlth	4	Womans health seriously endangered
abnomore	5	Married--wants no more children
abpoor	6	Low income--cant afford more children
abrape	7	Pregnant as result of rape
absingle	8	Not married
chldidel	9	Ideal number of children
marital	10	Marital status
divorce	11	Ever been divorced or separated
chilids	12	Number of children
obey	13	To obey
popular	14	To be well liked or popular
thnkself	15	To think for ones self
workhard	16	To work hard
helpoth	17	To help others
sibs	18	Number of brothers and sisters
attend	19	How often r attends religious services
postlife	20	Belief in life after death
pray	21	How often does r pray
relig	22	Rs religious preference
cappun	23	Favor or oppose death penalty for murder
getahead	24	Opinion of how people get ahead
homosex	25	Homosexual sex relations
xmovie	26	Seen x-rated movie in last year
premarsx	27	Sex before marriage
gunlaw	28	Favor or oppose gun permits
racdif4	29	Differences due to lack of will
marblk	30	Close relative marry black
natrace	31	Improving the conditions of blacks
fechld	32	Mother working doesnt hurt children
fepresch	33	Preschool kids suffer if mother works
fefam	34	Better for man to work, woman tend home
fehire	35	Should hire and promote women
health	36	Condition of health
polhitok	37	Ever approve of police striking citizen
polabuse	38	Citizen said vulgar or obscene things
polmurdr	39	Citizen questioned as murder suspect
polescap	40	Citizen attempting to escape custody
polattak	41	Citizen attacking policeman with fists
news	42	How often does r read newspaper
tvhours	43	Hours per day watching tv
conpress	44	Confidence in press
contv	45	Confidence in television
natheal	46	Improving & protecting nations health
nacity	47	Solving problems of big cities
natcrime	48	Halting rising crime rate
natdrug	49	Dealing with drug addiction
nateduc	50	Improving nations education system
naffare	51	Welfare
pillok	52	Birth control to teenagers 14-16
sexeduc	53	Sex education in public schools
teensex	54	Sex before marriage -- teens 14-16
affrmact	55	Favor preference in hiring blacks
wrkwayup	56	Blacks overcome prejudice without favors
racwork	57	Racial makeup of workplace
discaff	58	Whites hurt by aff. action
eqwlth	59	Should govt reduce income differences
EFF911F	60	How effective r thinks reducing air travel
EFF911K	61	How effective r thinks avoiding travel to certain cities
EFF911L	62	How effective r thinks avoiding tall buildings
EFF911M	63	How effective r thinks avoiding national landmarks
region	64	Region of interview
vote04	65	Did r vote in 2004 election
age	66	Age of respondent
class	67	Subjective class identification
educ	68	Highest year of school completed
polviews	69	Think of self as liberal or conservative
partyid	70	Political party affiliation
income	71	Total family income
sei	72	Respondent socioeconomic index
race	73	Race of respondent
rincome	74	Respondents income
sex	75	Respondents sex

Variables in the working file

The very next day I found a link to the student support materials in my own [review](#) of the book!:

The link [General Resources](#) goes to a page with the following links:

General Resources
Data Sets

- [Exer](#)
- [Demo](#)
- [Local](#)

Comprehensive E-Appendixes

- [Appendix A: The Codebook](#)
- [Appendix B: Questionnaire for Class Survey](#)
- [Appendix C: The Research Report](#)
- [Appendix D: Proposing New Research](#)
- [Appendix E: SPSS Survey Tips](#)
- [Appendix F: SPSS Commands](#)
- **Appendix G: Recommended Readings**
 - [Cook B](#)
 - [Dantonio D](#)
 - [Glock A](#)
 - [REnzi C](#)
- [Appendix H: Lab Answers](#)

I downloaded all the files to see how my efforts at recreating SPSS saved files compared with those in the book. At this point I discovered that the files differed in both number of variables and number of cases.

My versions in **red** below:

File	Cases	Variables	Notes
demo.sav	1500	43	All labels in UPPER CASE
babbie_demo.sav	2023	30	All labels in UPPER CASE
exer.sav	1500	47	All labels in UPPER CASE
babbie_exer.sav	2023	35	All labels in UPPER CASE
local.sav	None	49	No cases: all labels in lower case
babbie_common.sav	2023	11	All labels in UPPER CASE
babbie_all2.sav	2023	75	Composite file: labels changed to mixed case

Variable Labels

Variable	Position	Label
id	1	RESPONDNT ID NUMBER
abany	2	ABORTION IF WOMAN WANTS FOR ANY REASON
abdefect	3	STRONG CHANCE OF SERIOUS DEFECT
abh1th	4	WOMANS HEALTH SERIOUSLY ENDANGERED
abnomore	5	MARRIED--WANTS NO MORE CHILDREN
abpoor	6	LOW INCOME--CANT AFFORD MORE CHILDREN
abrape	7	PREGNANT AS RESULT OF RAPE
absingle	8	NOT MARRIED
age	9	AGE OF RESPONDENT
attend	10	HOW OFTEN R ATTENDS RELIGIOUS SERVICES
cappun	11	FAVOR OR OPPOSE DEATH PENALTY FOR MURDER
childs	12	NUMBER OF CHILDREN
chldidel	13	IDEAL NUMBER OF CHILDREN
class	14	SUBJECTIVE CLASS IDENTIFICATION
divorce	15	EVER BEEN DIVORCED OR SEPARATED
educ	16	HIGHEST YEAR OF SCHOOL COMPLETED
getahead	17	OPINION OF HOW PEOPLE GET AHEAD
gunlaw	18	FAVOR OR OPPOSE GUN PERMITS
helpoth	19	TO HELP OTHERS
homosex	20	HOMOSEXUAL SEX RELATIONS
income	21	TOTAL FAMILY INCOME
marblk	22	CLOSE RELATIVE MARRY BLACK
marhomo	23	HOMOSEXUALS SHOULD HAVE RIGHT TO MARRY
marital	24	MARITAL STATUS
natrace	25	IMPROVING THE CONDITIONS OF BLACKS
obey	26	TO OBEY
partyid	27	POLITICAL PARTY AFFILIATION
polviews	28	THINK OF SELF AS LIBERAL OR CONSERVATIVE
popular	29	TO BE WELL LIKED OR POPULAR
postlife	30	BELIEF IN LIFE AFTER DEATH
pray	31	HOW OFTEN DOES R PRAY
premarx	32	SEX BEFORE MARRIAGE
racdif4	33	DIFFERENCES DUE TO LACK OF WILL
race	34	RACE OF RESPONDENT
relig	35	RS RELIGIOUS PREFERENCE
rincome	36	RESPONDENTS INCOME
sei	37	RESPONDENT SOCIOECONOMIC INDEX
sex	38	RESPONDENTS SEX
sibs	39	NUMBER OF BROTHERS AND SISTERS
thinkself	40	TO THINK FOR ONES SELF
workhard	41	TO WORK HARD
xmovie	42	SEEN X-RATED MOVIE IN LAST YEAR
wtssnr	43	WEIGHT VARIABLE

Variables in the working file

exer.sav

Variable Labels

Variable	Position	Label
affrmact	1	FAVOR PREFERENCE IN HIRING BLACKS
age	2	AGE OF RESPONDENT
class	3	SUBJECTIVE CLASS IDENTIFICATION
conpress	4	CONFIDENCE IN PRESS
contv	5	CONFIDENCE IN TELEVISION
discaff	6	WHITES HURT BY AFF. ACTION
educ	7	HIGHEST YEAR OF SCHOOL COMPLETED
eff911f	8	HOW EFFECTIVE R THINKS REDUCING AIR TRAVEL
eff911k	9	HOW EFFECTIVE R THINKS AVOIDING TRAVEL TO CERTAIN CITIES
eff911l	10	HOW EFFECTIVE R THINKS AVOIDING TALL BUILDINGS
eff911m	11	HOW EFFECTIVE R THINKS AVOIDING NATIONAL LANDMARKS
eqwith	12	SHOULD GOVT REDUCE INCOME DIFFERENCES
fechld	13	MOTHER WORKING DOESNT HURT CHILDREN
fefam	14	BETTER FOR MAN TO WORK, WOMAN TEND HOME
fehire	15	SHOULD HIRE AND PROMOTE WOMEN
fepresch	16	PRESCHOOL KIDS SUFFER IF MOTHER WORKS
health	17	CONDITION OF HEALTH
id	18	RESPONDNT ID NUMBER
income	19	TOTAL FAMILY INCOME
natcity	20	SOLVING PROBLEMS OF BIG CITIES
natcrime	21	HALTING RISING CRIME RATE
natdrug	22	DEALING WITH DRUG ADDICTION
nateduc	23	IMPROVING NATIONS EDUCATION SYSTEM
natfare	24	WELFARE
natheal	25	IMPROVING & PROTECTING NATIONS HEALTH
natrace	26	IMPROVING THE CONDITIONS OF BLACKS
news	27	HOW OFTEN DOES R READ NEWSPAPER
partyid	28	POLITICAL PARTY AFFILIATION
pillok	29	BIRTH CONTROL TO TEENAGERS 14-16
polabuse	30	CITIZEN SAID VULGAR OR OBSCENE THINGS
polattak	31	CITIZEN ATTACKING POLICEMAN WITH FISTS
polescap	32	CITIZEN ATTEMPTING TO ESCAPE CUSTODY
polhitok	33	EVER APPROVE OF POLICE STRIKING CITIZEN
polmurdr	34	CITIZEN QUESTIONED AS MURDER SUSPECT
polviews	35	THINK OF SELF AS LIBERAL OR CONSERVATIVE
race	36	RACE OF RESPONDENT
racwork	37	RACIAL MAKEUP OF WORKPLACE
region	38	REGION OF INTERVIEW
rincome	39	RESPONDENTS INCOME
sei	40	RESPONDENT SOCIOECONOMIC INDEX
sex	41	RESPONDENTS SEX
sexeduc	42	SEX EDUCATION IN PUBLIC SCHOOLS
teensex	43	SEX BEFORE MARRIAGE -- TEENS 14-16
tvhours	44	HOURS PER DAY WATCHING TV
vote04	45	DID R VOTE IN 2004 ELECTION
wrkwayup	46	BLACKS OVERCOME PREJUDICE WITHOUT FAVORS
wt2008nr	47	WEIGHT VARIABLE

Variables in the working file

[NB: The weight variable **wt2008nr** is not in file **GSS2008.sav**]

local.sav (empty except for metadata)

Variable Labels		
Variable	Position	Label
id	1	id
age	2	age
gender	3	gender
class	4	year in school
livewith	5	where do you live
fratsoro	6	frat or soro member
athletic	7	activ:athletics
religion	8	activ:religion
parties	9	activ:parties
drinks5	10	binge drink
drinks4	11	binge drink:4
lastdrnk	12	last drink when
getdrunk	13	# of drinks to get drunk
hangover	14	drink prob: hangover
msscclass	15	drink prob: miss a class
getbehnd	16	drink prob: fall behind
regret	17	drink prob: cause regret
forget	18	drink prob: forget
argue	19	drink prob: arguement
unplansx	20	drink prob: unplanned sex
unsafesx	21	drink prob: unsafe sex
damage	22	drink prob: vandal
police	23	drink prob: police
injury	24	drink prob: injury
overdose	25	drink prob: OD
selfrate	26	Alcohol drinking habits: self rating.
insult	27	sec alc:insult
quarrel	28	sec alc:arguement
assault	29	sec alc: assault
vandal	30	sec alc:vandal
babysit	31	sec alc:babysit
disruptv	32	sec alc:disruptive
propostn	33	sec alc:proposition
daterape	34	sec alc:date-rape
usegrass	35	drug use:marijuana
cigarett	36	drug use:cigarettes
hadsex	37	sexual intercourse
sexpartn	38	# of sexual partners
friends	39	number of close friends
gpa	40	GPA
hrsstudy	41	time at activity:studying
hrssociz	42	time at activity:socialize
hrssport	43	time at activity:athletics
race	44	Race
hsbinge	45	hs drink:binge
famattd	46	family attitude reg alc
drinkcat	47	Levels of drinking and bingeing
probgulp	48	frequent bingers with 5+ problems
collbing	49	Students binge in College

Variables in the working file