Example 8: Variance estimates for Percentages: Men and Women. Variance estimates in SAS, SUDAAN, STATA, and WesVar Percentage of Males and Females Who Strongly Agree that "a young couple should not live together unless they are married" by Sex and Age

Following are the programs and output for an analysis of the percentage of all males and females interviewed in Cycle 6 of the NSFG who strongly agree with the statement that "a young couple should not live together unless they are married." A cross-tabulation of strongly agreeing by sex and age was generated by SAS 9.1, SUDAAN 8.0.2, STATA 8.0, and WesVar 4.1. The estimates calculated are equivalent across software. However, due to the specific methods used in calculations, standard errors vary slightly across packages and design effects will vary more substantially.

SAS data files were converted to STATA 8.0 and SPSS formats using DBMS/COPY 8.0. Variables in upper case are original NSFG Cycle 6 variables or recodes. Variables in lower case represent variables that were recoded as part of the variance estimation program. Library and file names are generic and it is assumed the user will apply names specific to his or her computing environment. Formatting and library options have been deleted; preferences will vary across user organizations.

SAS 9.1

The DATA and SET steps create a dataset which contains the variables for males and females to be used in the analysis: strongly agreeing that couples should not live together unless they are married ('okcohabx') and age in three categories ('agerx': 15-24, 25-34, and 35-44).

The PROC SURVEYFREQ produces a cross-tabulation of unweighted and weighted cell counts for the variables (i.e. sex, agerx, and okcohabx) specified in the TABLE statement. The WEIGHT statement identifies the weight variable (FINALWGT) to be used in estimating the weighted frequency. PROC SURVEYFREQ calculates standard errors appropriate to the complex sample design identified by the STRATUM and CLUSTER statements. The specification of ROW in the TABLE statement limits the cell counts and percentages to the row, and DEFF requests calculation of the design effects for the row percentages.

SAS 9.1 Program

```
data NSFG.EX8F (keep=CASEID FEMALE OKCOHAB okcohabx AGER agerx SEST SECU SECU_R FINALWGT);
set NSFG.FEMALES;
if OKCOHAB=1 then okcohabx=1; else okcohabx=2;
if 15 le AGER le 24 then agerx=1;
if 25 le AGER le 34 then agerx=2;
if AGER ge 35 then agerx=3;
SECU=SECU_R;
data NSFG.EX8M (keep=CASEID FEMALE OKCOHAB okcohabx AGER agerx SEST SECU FINALWGT);
set NSFG.MALES;
if OKCOHAB=1 then okcohabx=1; else okcohabx=2;
if 15 le AGER le 24 then agerx=1;
if 25 le AGER le 34 then agerx=2;
if AGER ge 35 then agerx=3;
run;
proc sort data= NSFG.EX8M; by CASEID;
proc sort data= NSFG.EX8F; by CASEID;
data NSFG.EX8TOT;
merge NSFG.EX8M NSFG.EX8F; by CASEID;
proc surveyfreq data= NSFG.EX8TOT;
stratum SEST;
cluster SECU;
weight  FINALWGT;
table   agerx*okcohabx / row deff;
proc surveyfreq data= NSFG.EX8TOT;
stratum SEST;
cluster SECU;
weight  FINALWGT;
table   EMALE*agerx*okcohabx / row deff;
run;
```

Design effects are greater than 1.0 for all row proportions due to clustering in the selection and an increase in variance due to weighting. The estimated proportions are equivalent to the other software systems.

SAS 9.1 Output

The SURVEYFREQ Procedure
Data Summary

Number of Strata	84
Number of Clusters	168
Number of Observations	12571
Sum of Weights	122707736

Table of agerx by okcohabx

agerx	okcohabx	Frequency	Weighted Frequency	Std Dev of Wgt Freq	Percent	Std Err of Percent	Design Effect	Row Percent	Std Err of Row Percent
15-24	Str Agree	351	3424444	335272	2.7907	0.2576	3.0736	8.6117	0.7599
	Other	4221	36340659	1384994	29.6156	0.7419	3.3192	91.3883	0.7599
	Total	4572	39765103	1497983	32.4064	0.7759	3.4545	100.000	
25-34	Str Agree	350	3598565	272862	2.9326	0.2294	2.3236	9.2542	0.7280
	Other	3733	35287027	1417557	28.7570	0.6640	2.7055	90.7458	0.7280
	Total	4083	38885592	1436884	31.6896	0.6487	2.4432	100.000	
35-44	Str Agree	367	4426160	343367	3.6071	0.2801	2.8374	10.0464	0.7233
	Other	3549	39630882	1293115	32.2970	0.8197	3.8628	89.9536	0.7233
	Total	3916	44057041	1381550	35.9040	0.8842	4.2707	100.000	
Total	Str Agree	1068	11449169	583555	9.3304	0.4571	3.1041		
	Other	11503	111258567	3121873	90.6696	0.4571	3.1041		
	Total	12571	122707736	3268096	100.000				

SAS 9.1 Output cont.

Controlling for FEMALE=Male

agerx	okcohabx	Frequency	Weighted Frequency	Std Dev of Wgt Freq	Percent	Std Err of Percent	Design Effect	Row Percent	Std Err of Row Percent
15-24	Str Agree	129	1616274	230635	2.6433	0.3608	6.3576	8.0446	1.0483
	Other	1930	18475101	839132	30.2142	1.0433	6.4884	91.9554	1.0483
	Total	2059	20091375	909581	32.8575	1.0944	6.8248	100.000	
25-34	Str Agree	123	1843016	182043	3.0141	0.3146	4.2556	9.5179	0.9940
	Other	1309	17520700	855015	28.6534	0.8958	4.9341	90.4821	0.9940
	Total	1432	19363716	852039	31.6675	0.8810	4.5088	100.000	
35-44	Str Agree	113	2021504	288523	3.3060	0.4753	8.8846	9.3192	1.3058
	Other	1324	19670426	992037	32.1691	1.2938	9.6421	90.6808	1.3058
	Total	1437	21691930	1014426	35.4750	1.3156	9.5051	100.000	
Total	Str Agree	365	5480795	408372	8.9633	0.6668	6.8496		
	Other	4563	55666227	1856109	91.0367	0.6668	6.8496		
	Total	4928	61147022	1899336	100.000				

Table of agerx by okcohabx
Controlling for FEMALE=Female

agerx	okcohabx	Frequency	Weighted Frequency	Std Dev of Wgt Freq	Percent	Std Err of Percent	Design Effect	Row Percent	Std Err of Row Percent
15-24	Str Agree	222	1808170	193064	2.9372	0.3005	3.9811	9.1908	0.9163
	Other	2291	17865558	748310	29.0210	0.8085	3.9890	90.8092	0.9163
	Total	2513	19673728	795514	31.9583	0.8215	3.9013	100.000	
25-34	Str Agree	227	1755549	192021	2.8517	0.2970	4.0011	8.9927	0.9310
	Other	2424	17766327	763749	28.8598	0.8515	4.4392	91.0073	0.9310
	Total	2651	19521876	804591	31.7116	0.8440	4.1347	100.000	
35-44	Str Agree	254	2404656	206578	3.9062	0.3280	3.6037	10.7518	0.8595
	Other	2225	19960455	823316	32.4240	0.9246	4.9042	89.2482	0.8595
	Total	2479	22365111	878244	36.3302	0.9708	5.1218	100.000	
Total	Str Agree	703	5968374	395728	9.6951	0.5859	4.9280		
	Other	6940	55592340	1747201	90.3049	0.5859	4.9280		
	Total	7643	61560715	1873490	100.000				

SUDAAN 8.0.2

A SAS-callable version of SUDAAN 8.0.2 was used to calculate the estimates for this example. The DATA and SET steps used to create a dataset and the variables needed for this analysis ('agerx' and 'okcohabx') are identical to those used above in the SAS 9.1 program, and are omitted for this program.

The PROC CROSSTAB procedure produces a frequency cross-tabulation of unweighted and weighted cell counts for the analysis variables (i.e. FEMALE, 'agerx', and 'okcohabx') specified in the TABLE statement. The DESIGN used in this computation is

specified as WR, with replacement. By specifying the option DEFF in the CROSSTAB statement, design effects will be calculated. The NEST statement specifies the strata (SEST) and cluster (SECU) variables for calculating standard errors appropriate to the complex sample design. The WEIGHT statement identifies FINALWGT for use in estimating the weighted frequency. The specification of NSUM, WSUM, ROWPER, SEROW, and DEFFROW in the PRINT statement limits printed output to those row percentages, standard errors of row percentages, and design effects for row percentages.

SUDAAN 8.0.2 Program

```
(same recode and merge as required in SAS 9.1)

proc sort data=NSFG.EX8TOT;
by SEST SECU;
proc crosstab data=NSFG.EX8TOT design=wr deff;
nest SEST SECU;
weight FINALWGT;
subgroup FEMALE agerx okcohabx;
levels 2, 3 , 2;
tables FEMALE*agerx*okcohabx;
print nsum wsum rowper serow deffrow;
run;
```

The estimated percentages of men and women strongly agreeing that "a young couple should not live together unless they are married" by age are identical to those calculated by SAS 9.1:

SUDAAN 8.0.2 Output

```
                              S U D A A N
          Software for the Statistical Analysis of Correlated Data
         Copyright      Research Triangle Institute      January 2003
                                Release 8.0.2

Number of observations read    :  12571    Weighted count :122707736
Denominator degrees of freedom :     84

Variance Estimation Method: Taylor Series (WR)
by: FEMALE, AGERX, OKCOHABX.

for: FEMALE = Total.
```

AGERX		OKCOHABX Total	Str Agree	Other
Total	Sample Size	12571.0000	1068.0000	11503.0000
	Weighted Size	**********	11449169.2506	**********
	Row Percent	100.0000	9.3304	90.6696
	SE Row Percent	0.0000	0.4571	0.4571
	DEFF Row Percent			
	#4	.	3.1043	3.1043
15-24	Sample Size	4572.0000	351.0000	4221.0000
	Weighted Size	39765103.2402	3424444.4287	36340658.8115
	Row Percent	100.0000	8.6117	91.3883
	SE Row Percent	0.0000	0.7599	0.7599
	DEFF Row Percent			
	#4	.	3.3548	3.3548
25-34	Sample Size	4083.0000	350.0000	3733.0000
	Weighted Size	38885591.6750	3598564.9513	35287026.7237
	Row Percent	100.0000	9.2542	90.7458
	SE Row Percent	0.0000	0.7280	0.7280
	DEFF Row Percent			
	#4	.	2.5768	2.5768

SUDAAN 8.0.2 Output

35-44	Sample Size	3916.0000	367.0000	3549.0000
	Weighted Size	44057041.3738	4426159.8706	39630881.5032
	Row Percent	100.0000	10.0464	89.9536
	SE Row Percent	0.0000	0.7233	0.7233
	DEFF Row Percent			
	#4	.	2.2672	2.2672

Variance Estimation Method: Taylor Series (WR)
by: FEMALE, AGERX, OKCOHABX.

for: FEMALE = Male.

AGERX		OKCOHABX Total	Str Agree	Other
Total	Sample Size	4928.0000	365.0000	4563.0000
	Weighted Size	61147021.5129	5480794.9239	55666226.5889
	Row Percent	100.0000	8.9633	91.0367
	SE Row Percent	0.0000	0.6668	0.6668
	DEFF Row Percent			
	#4	.	2.6854	2.6854
15-24	Sample Size	2059.0000	129.0000	1930.0000
	Weighted Size	20091374.9814	1616274.2249	18475100.7565
	Row Percent	100.0000	8.0446	91.9554
	SE Row Percent	0.0000	1.0483	1.0483
	DEFF Row Percent			
	#4	.	3.0586	3.0586
25-34	Sample Size	1432.0000	123.0000	1309.0000
	Weighted Size	19363716.1169	1843016.3858	17520699.7311
	Row Percent	100.0000	9.5179	90.4821
	SE Row Percent	0.0000	0.9940	0.9940
	DEFF Row Percent			
	#4	.	1.6429	1.6429
35-44	Sample Size	1437.0000	113.0000	1324.0000
	Weighted Size	21691930.4146	2021504.3133	19670426.1014
	Row Percent	100.0000	9.3192	90.6808
	SE Row Percent	0.0000	1.3058	1.3058
	DEFF Row Percent			
	#4	.	2.8997	2.8997

SUDAAN 8.0.2 Output cont.

```
Variance Estimation Method: Taylor Series (WR)
by: FEMALE, AGERX, OKCOHABX.

for: FEMALE = Female.
```

AGERX		OKCOHABX Total	Str Agree	Other
Total	Sample Size	7643.0000	703.0000	6940.0000
	Weighted Size	61560714.7761	5968374.3267	55592340.4495
	Row Percent	100.0000	9.6951	90.3049
	SE Row Percent	0.0000	0.5859	0.5859
	DEFF Row Percent			
	#4	.	2.9964	2.9964
15-24	Sample Size	2513.0000	222.0000	2291.0000
	Weighted Size	19673728.2589	1808170.2038	17865558.0550
	Row Percent	100.0000	9.1908	90.8092
	SE Row Percent	0.0000	0.9163	0.9163
	DEFF Row Percent			
	#4	.	2.5279	2.5279
25-34	Sample Size	2651.0000	227.0000	2424.0000
	Weighted Size	19521875.5581	1755548.5655	17766326.9926
	Row Percent	100.0000	8.9927	91.0073
	SE Row Percent	0.0000	0.9310	0.9310
	DEFF Row Percent			
	#4	.	2.8075	2.8075
35-44	Sample Size	2479.0000	254.0000	2225.0000
	Weighted Size	22365110.9592	2404655.5574	19960455.4018
	Row Percent	100.0000	10.7518	89.2482
	SE Row Percent	0.0000	0.8595	0.8595
	DEFF Row Percent			
	#4	.	1.9086	1.9086

STATA 8.0

The *use* statement specifies the dataset to be used. The *svyset* command specifies the weight (FINALWGT), strata (SEST), and cluster (SECU) variables to be used in by STATA 8.0 in estimation. The settings are saved for the current session, but can be cleared by entering the clear command or running svyset again with different settings.

The *generate* and *replace* statements create the recodes 'agerx', 'femalex', 'male', and 'okcohabx'. The first *svytab* command produces a cross-tabulation of 'agerx' and 'okcohabx' for females; the second svytab command produces a cross-tabulation of 'agerx' and 'okcohabx' for males. The *svytab* command provides estimates appropriate to the complex sample design identified by the *svyset* command. Two svytab commands with subpopulation specifications are needed because STATA only produces two-way cross-tabulations. The requested estimates and output are limited by specifying *row*, *deff*, and *se* after the *svytab* command.

STATA 8.0 Program

```
use "EX8.DTA"

svyset [pweight=FINALWGT], strata(SEST) psu(SECU)

generate okcohabx=0
replace  okcohabx=1 if OKCOHAB==1

generate agerx=1 if AGER >=15 & ager <=24
replace  agerx=2 if AGER >=25 & ager <=34
replace  agerx=3 if AGER >=35

generate femalex = (FEMALE==1) if FEMALE~=.
generate male    = (FEMALE==2) if FEMALE~=.

svytab agerx okcohabx, row se deff percent
svytab agerx okcohabx, subpop(femalex) row se deff percent
svytab agerx okcohabx, subpop(male)    row se deff percent
```

The estimated percentages of men having fathered one or more children by race and Hispanic origin are identical to those calculated by SAS 9.1 and SUDAAN 8.0.2.

STATA 8.0 Output

```
. svytab agerx okcohabx, row se deff percent

pweight:  finalwgt                            Number of obs      =     12571
Strata:   sest                                Number of strata   =        84
PSU:      secu_r                              Number of PSUs     =       168
                                              Population size    = 1.227e+08


           |         okcohabx
     agerx |       0        1    Total
-----------+----------------------------
     15-24 |   91.39    8.612      100
           | (.7599)  (.7599)
           |   2.989    2.989
           |
     25-34 |   90.75    9.254      100
           |  (.728)   (.728)
           |   2.514    2.514
           |
     35-44 |   89.95    10.05      100
           | (.7233)  (.7233)
           |   2.613    2.613
           |
     Total |   90.67     9.33      100
           | (.4571)  (.4571)
           |   .3457    .3457

  Key:  row percentages
        (standard errors of row percentages)
        deff for variances of row percentages

  Pearson:
    Uncorrected   chi2(2)         =    5.2501
    Design-based  F(1.71, 143.96) =    1.0471     P = 0.3446

  Mean generalized deff           =    2.4865
  CV of generalized deffs         =    0.4233
```

STATA 8.0 Output cont.

```
. svytab agerx okcohabx, subpop(male) row se deff percent
pweight:  finalwgt                              Number of obs      =     12571
Strata:   sest                                  Number of strata   =        84
PSU:      secu                                  Number of PSUs     =       168
                                                Population size    = 1.227e+08
Subpop.:  male==1                               Subpop. no. of obs =      4928
                                                Subpop. size       =  61147021
------------------------------------
          |         okcohabx
    agerx |   Str
          |   Agree    Other    Total
----------+-------------------------
    15-24 |   8.045    91.96      100
          | (1.048)  (1.048)
          |   26.75    3.264
          |
    25-34 |   9.518    90.48      100
          |  (.994)   (.994)
          |   21.17    3.027
          |
    35-44 |   9.319    90.68      100
          | (1.306)  (1.306)
          |   33.41    4.895
          |
    Total |   8.963    91.04      100
          | (.6668)  (.6668)
          |   3.413    3.413
------------------------------------
  Key:  row percentages
        (standard errors of row percentages)
        deff for variances of row percentages

  Pearson:
    Uncorrected   chi2(2)         =    6.4648
    Design-based  F(1.79, 150.74) =    0.5033     P = 0.5856

  Mean generalized deff           =    6.4061
  CV of generalized deffs         =    0.3731

. svytab agerx okcohabx, subpop(femalex) row se deff percent

pweight:  finalwgt                              Number of obs      =     12571
Strata:   sest                                  Number of strata   =        84
PSU:      secu                                  Number of PSUs     =       168
                                                Population size    = 1.227e+08
Subpop.:  femalex==1                            Subpop. no. of obs =      7643
                                                Subpop. size       =  61560715

------------------------------------
          |         okcohabx
    agerx |   Str
          |   Agree    Other    Total
----------+-------------------------
    15-24 |   9.191    90.81      100
          | (.9163)  (.9163)
          |   18.57     2.57
          |
    25-34 |   8.993    91.01      100
          |  (.931)   (.931)
          |   19.73    2.662
          |
    35-44 |   10.75    89.25      100
          | (.8595)  (.8595)
          |   12.41    2.126
          |
    Total |   9.695     90.3      100
          | (.5859)  (.5859)
          |   2.472    2.472
------------------------------------
  Key:  row percentages
        (standard errors of row percentages)
        deff for variances of row percentages

  Pearson:
    Uncorrected   chi2(2)         =    9.2382
    Design-based  F(1.77, 148.74) =    1.3524     P = 0.2608

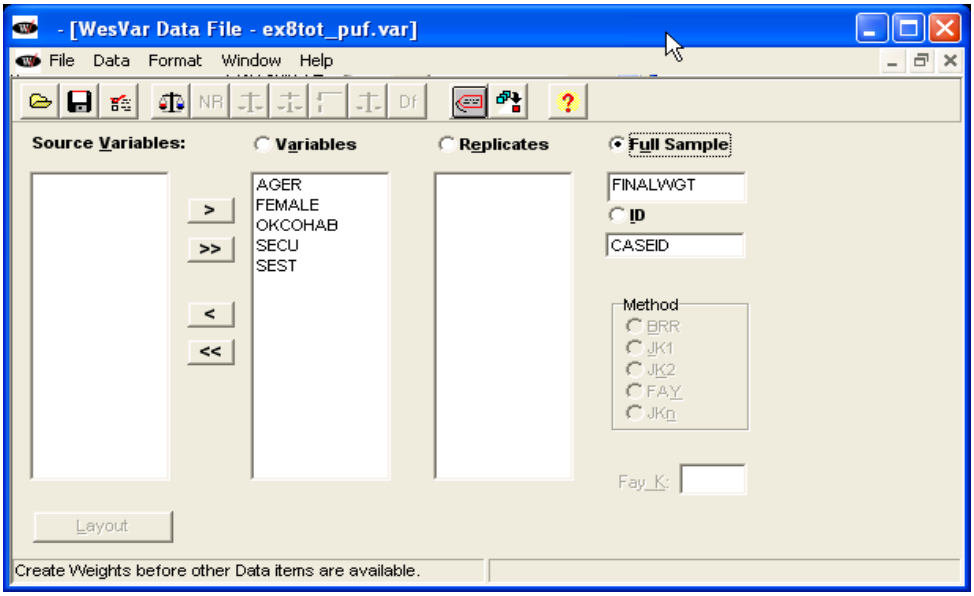
  Mean generalized deff           =    3.3737
  CV of generalized deffs         =    0.3792
```

WesVar 4.1

Not all WesVar windows are displayed for this example. Readers may refer to Example 1 for a full set of windows. An SPSS file was imported for use in analysis.

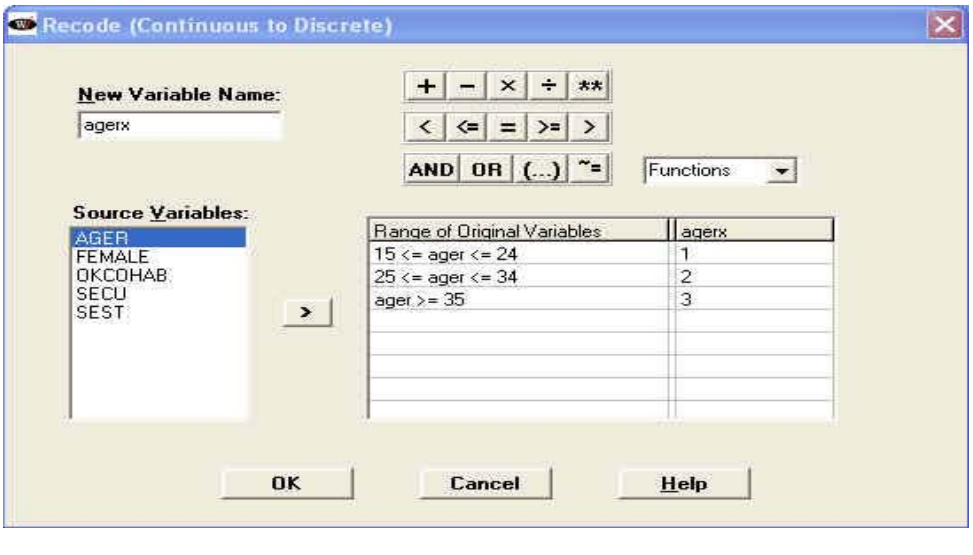
Window 1 displays the selection and categorization of variables to be used in the current analysis. After variables are selected and categorized, a new dataset is created.

WesVar 4.1 Program Window 1

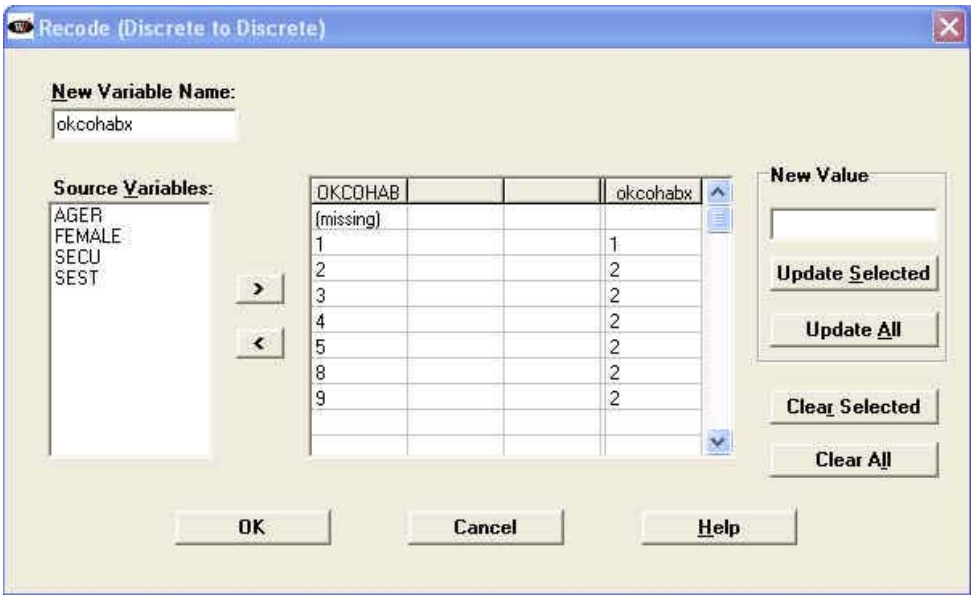


Windows 2 and 3 display the procedures for recoding AGER into *agerx* and OKCOHAB into 'okcohabx'. To create 'agerx' from AGER, select Recode under the *Format* menu and then the *New Continuous to Discrete* button; to create 'okcohabx' from OKCOHAB, select the *New Discrete to Discrete* button. After the recodes were created, a new dataset is saved.

WesVar 4.1 Program Window 2

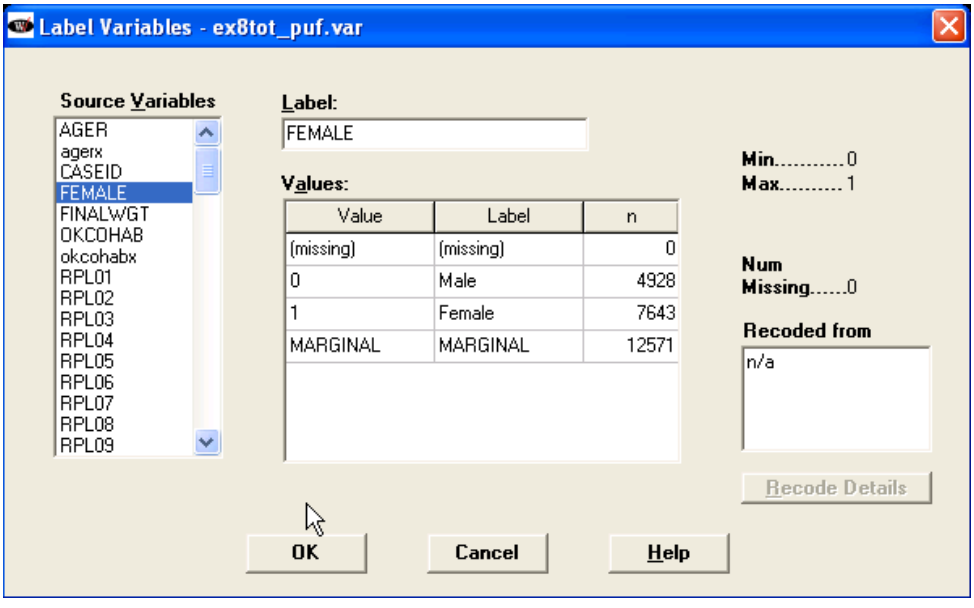


WesVar 4.1 Program Window 3

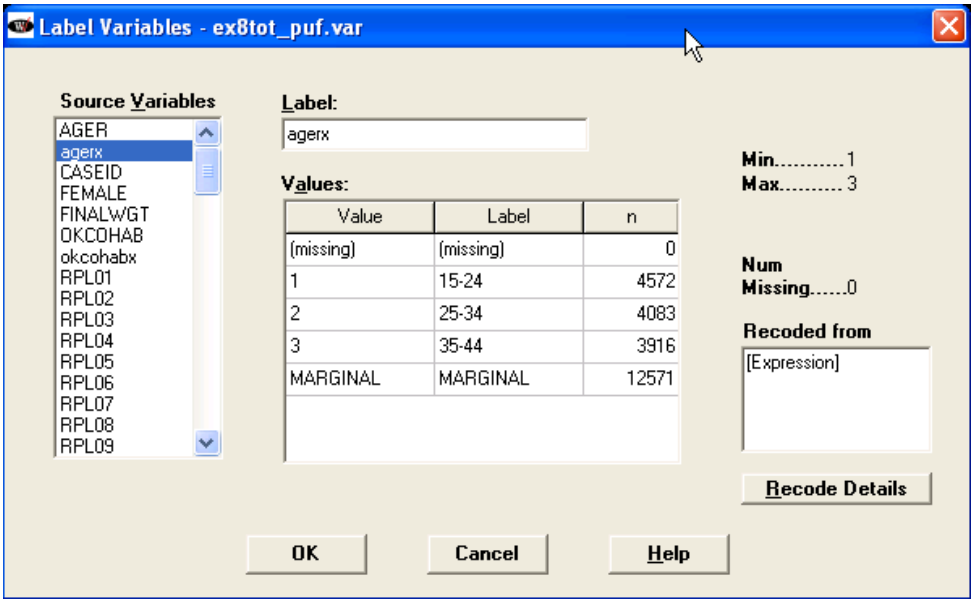


Windows 4a-4c display how the value labels were applied to FEMALE, 'agerx', and 'okcohabx'.

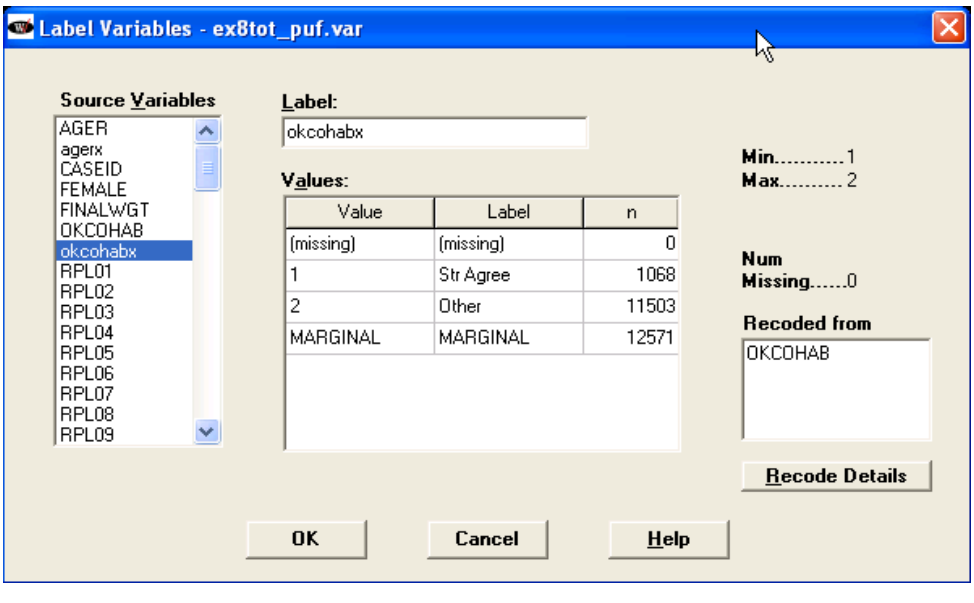
WesVar 4.1 Program Window 4a



WesVar 4.1 Program Window 4b

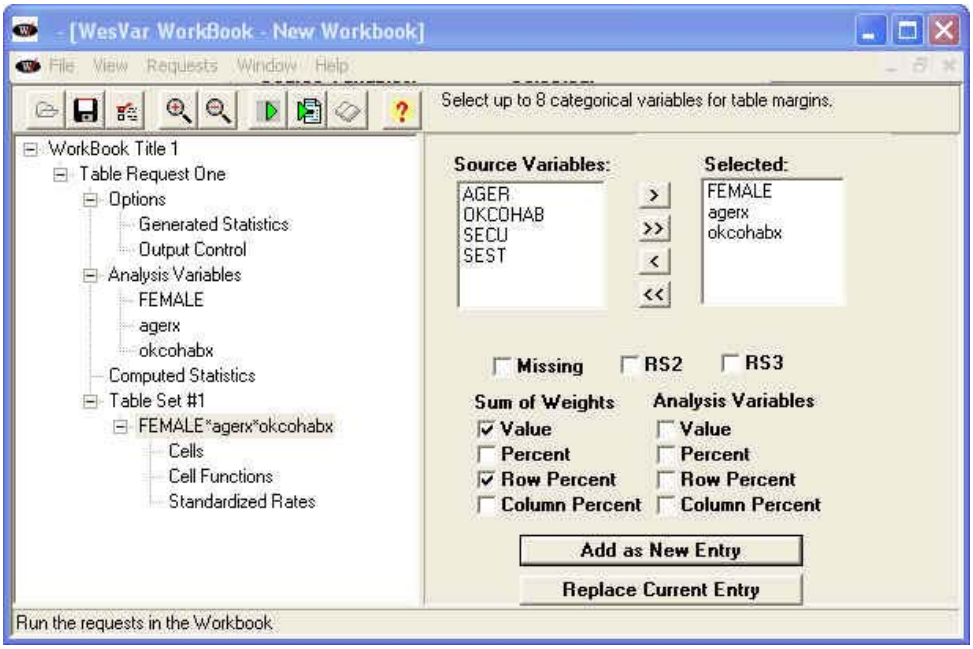


WesVar 4.1 Program Window 4c



In Window 5 select the variables for analysis for a table estimating the percentage of males and females who strongly agree that "a young couple should not live together until they are married", by age.

WesVar 4.1 Program Window 5



The output provided by WesVar 4.1 is a list-wise statement of all estimates requested. The estimates of the percentages are identical to those produced by SAS 9.1, SUDAAN 8.0.2, and STATA 8.0, as expected.

WesVar 4.1 Output

```
WESVAR VERSION NUMBER :      v4.1
TIME THE JOB EXECUTED :      14:12:01 10/06/2004
INPUT DATASET NAME :         ex8.var
TIME THE INPUT DATASET CREATED :       13:58:15 10/06/2004
FULL SAMPLE WEIGHT :         FINALWGT
REPLICATE WEIGHTS :          RPL01...RPL84
VARIANCE ESTIMATION METHOD : BRR

OPTION COMPLETE :  ON
OPTION FUNCTION LOG :        ON
OPTION VARIABLE LABEL :      OFF
OPTION VALUE LABEL :         ON
OPTION OUTPUT REPLICATE ESTIMATES :    OFF
FINITE POPULATION CORRECTION FACTOR :  1.00000
VALUE OF ALPHA (CONFIDENCE LEVEL %) :  0.05000 (95.00000 %)
DEGREES OF FREEDOM :         84
t VALUE :          1.989

ANALYSIS VARIABLES :         FEMALE, agerx, okcohabx
COMPUTED STATISTIC :         None Specified.
TABLE(S) :         FEMALE*agerx*okcohabx

FACTOR(S) :        1.00

NUMBER OF REPLICATES :       84
NUMBER OF OBSERVATIONS READ :          12571
WEIGHTED NUMBER OF OBSERVATIONS READ : 122707736.289
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WesVar 4.1 Output

FEMALE	agerx	okcohabx Str	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CELL_n	DENOM_n	DEFF
Female	15-24	Agree	SUM_WTS	VALUE	1808170.2	193063.778	222	N/A	N/A
Female	15-24	Other	SUM_WTS	VALUE	17865558.06	748310.454	2291	N/A	N/A
Female	15-24	MARGINAL Str	SUM_WTS	VALUE	19673728.26	795514.146	2513	N/A	N/A
Female	25-34	Agree	SUM_WTS	VALUE	1755548.57	192020.685	227	N/A	N/A
Female	25-34	Other	SUM_WTS	VALUE	17766326.99	763749.366	2424	N/A	N/A
Female	25-34	MARGINAL Str	SUM_WTS	VALUE	19521875.56	804591.006	2651	N/A	N/A
Female	35-44	Agree	SUM_WTS	VALUE	2404655.56	206577.908	254	N/A	N/A
Female	35-44	Other	SUM_WTS	VALUE	19960455.4	823316.377	2225	N/A	N/A
Female	35-44	MARGINAL Str	SUM_WTS	VALUE	22365110.96	878244.424	2479	N/A	N/A
Female	MARGINAL	Agree	SUM_WTS	VALUE	5968374.33	395728.498	703	N/A	N/A
Female	MARGINAL	Other	SUM_WTS	VALUE	55592340.45	1747200.651	6940	N/A	N/A
Female	MARGINAL	MARGINAL Str	SUM_WTS	VALUE	61560714.78	1873490.296	7643	N/A	N/A
Male	15-24	Agree	SUM_WTS	VALUE	1616274.22	230635.467	129	N/A	N/A
Male	15-24	Other	SUM_WTS	VALUE	18475100.76	839131.799	1930	N/A	N/A
Male	15-24	MARGINAL Str	SUM_WTS	VALUE	20091374.98	909581.276	2059	N/A	N/A
Male	25-34	Agree	SUM_WTS	VALUE	1843016.39	182042.7	123	N/A	N/A
Male	25-34	Other	SUM_WTS	VALUE	17520699.73	855015.337	1309	N/A	N/A
Male	25-34	MARGINAL Str	SUM_WTS	VALUE	19363716.12	852038.643	1432	N/A	N/A
Male	35-44	Agree	SUM_WTS	VALUE	2021504.31	288523.334	113	N/A	N/A
Male	35-44	Other	SUM_WTS	VALUE	19670426.1	992036.647	1324	N/A	N/A
Male	35-44	MARGINAL Str	SUM_WTS	VALUE	21691930.41	1014425.91	1437	N/A	N/A
Male	MARGINAL	Agree	SUM_WTS	VALUE	5480794.92	408371.895	365	N/A	N/A
Male	MARGINAL	Other	SUM_WTS	VALUE	55666226.59	1856108.954	4563	N/A	N/A
Male	MARGINAL	MARGINAL Str	SUM_WTS	VALUE	61147021.51	1899335.844	4928	N/A	N/A
MARGINAL	15-24	Agree	SUM_WTS	VALUE	3424444.43	335271.979	351	N/A	N/A
MARGINAL	15-24	Other	SUM_WTS	VALUE	36340658.81	1384993.898	4221	N/A	N/A
MARGINAL	15-24	MARGINAL Str	SUM_WTS	VALUE	39765103.24	1497983.417	4572	N/A	N/A
MARGINAL	25-34	Agree	SUM_WTS	VALUE	3598564.95	272862.086	350	N/A	N/A
MARGINAL	25-34	Other	SUM_WTS	VALUE	35287026.72	1417557.005	3733	N/A	N/A
MARGINAL	25-34	MARGINAL Str	SUM_WTS	VALUE	38885591.67	1436884.265	4083	N/A	N/A
MARGINAL	35-44	Agree	SUM_WTS	VALUE	4426159.87	343367.242	367	N/A	N/A
MARGINAL	35-44	Other	SUM_WTS	VALUE	39630881.5	1293114.544	3549	N/A	N/A
MARGINAL	35-44	MARGINAL Str	SUM_WTS	VALUE	44057041.37	1381550.465	3916	N/A	N/A
MARGINAL	MARGINAL	Agree	SUM_WTS	VALUE	11449169.25	583554.569	1068	N/A	N/A
MARGINAL	MARGINAL	Other	SUM_WTS	VALUE	111258567	3121873.101	11503	N/A	N/A
MARGINAL	MARGINAL	MARGINAL	SUM_WTS	VALUE	122707736.3	3268096.049	12571	N/A	N/A

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Female	15-24	Str Agree	SUM_WTS	ROWPCT	9.19	0.927	222	2513	2.588
Female	15-24	Other	SUM_WTS	ROWPCT	90.81	0.927	2291	2513	2.588
Female	15-24	MARGINAL	SUM_WTS	ROWPCT	100	.	2513	2513	.
Female	25-34	Str Agree	SUM_WTS	ROWPCT	8.99	0.928	227	2651	2.787
Female	25-34	Other	SUM_WTS	ROWPCT	91.01	0.928	2424	2651	2.787
Female	25-34	MARGINAL	SUM_WTS	ROWPCT	100	.	2651	2651	.
Female	35-44	Str Agree	SUM_WTS	ROWPCT	10.75	0.859	254	2479	1.905
Female	35-44	Other	SUM_WTS	ROWPCT	89.25	0.859	2225	2479	1.905
Female	35-44	MARGINAL	SUM_WTS	ROWPCT	100	.	2479	2479	.
Female	MARGINAL	Str Agree	SUM_WTS	ROWPCT	9.7	0.586	703	7643	2.994
Female	MARGINAL	Other	SUM_WTS	ROWPCT	90.3	0.586	6940	7643	2.994
Female	MARGINAL	MARGINAL	SUM_WTS	ROWPCT	100	.	7643	7643	.
Male	15-24	Str Agree	SUM_WTS	ROWPCT	8.04	1.044	129	2059	3.032
Male	15-24	Other	SUM_WTS	ROWPCT	91.96	1.044	1930	2059	3.032
Male	15-24	MARGINAL	SUM_WTS	ROWPCT	100	.	2059	2059	.
Male	25-34	Str Agree	SUM_WTS	ROWPCT	9.52	0.979	123	1432	1.594
Male	25-34	Other	SUM_WTS	ROWPCT	90.48	0.979	1309	1432	1.594
Male	25-34	MARGINAL	SUM_WTS	ROWPCT	100	.	1432	1432	.
Male	35-44	Str Agree	SUM_WTS	ROWPCT	9.32	1.313	113	1437	2.93
Male	35-44	Other	SUM_WTS	ROWPCT	90.68	1.313	1324	1437	2.93
Male	35-44	MARGINAL	SUM_WTS	ROWPCT	100	.	1437	1437	.
Male	MARGINAL	Str Agree	SUM_WTS	ROWPCT	8.96	0.669	365	4928	2.699
Male	MARGINAL	Other	SUM_WTS	ROWPCT	91.04	0.669	4563	4928	2.699
Male	MARGINAL	MARGINAL	SUM_WTS	ROWPCT	100	.	4928	4928	.
MARGINAL	15-24	Str Agree	SUM_WTS	ROWPCT	8.61	0.763	351	4572	3.38
MARGINAL	15-24	Other	SUM_WTS	ROWPCT	91.39	0.763	4221	4572	3.38
MARGINAL	15-24	MARGINAL	SUM_WTS	ROWPCT	100	.	4572	4572	.
MARGINAL	25-34	Str Agree	SUM_WTS	ROWPCT	9.25	0.72	350	4083	2.52
MARGINAL	25-34	Other	SUM_WTS	ROWPCT	90.75	0.72	3733	4083	2.52
MARGINAL	25-34	MARGINAL	SUM_WTS	ROWPCT	100	.	4083	4083	.
MARGINAL	35-44	Str Agree	SUM_WTS	ROWPCT	10.05	0.728	367	3916	2.295
MARGINAL	35-44	Other	SUM_WTS	ROWPCT	89.95	0.728	3549	3916	2.295
MARGINAL	35-44	MARGINAL	SUM_WTS	ROWPCT	100	.	3916	3916	.
MARGINAL	MARGINAL	Str Agree	SUM_WTS	ROWPCT	9.33	0.457	1068	12571	3.101
MARGINAL	MARGINAL	Other	SUM_WTS	ROWPCT	90.67	0.457	11503	12571	3.101
MARGINAL	MARGINAL	MARGINAL	SUM_WTS	ROWPCT	100	.	12571	12571	.