GENERAL NOTES ABOUT ANALYSIS EXAMPLES REPLICATION
These examples are intended to provide guidance on how to use the commands/procedures for analysis of complex sample survey data and assume all data management and other preliminary work is done.

In some software packages certain procedures or options are not available but we have made every attempt to demonstrate how to match the output produced by Stata 10+ in the textbook. Check the ASDA website for updates to the various software tools we cover.

NOTES ABOUT DESCRIPTIVE ANALYSIS USING WesVar4.3
WesVar Tables menus can perform nearly all of the descriptive analyses presented in Chapter 5 of ASDA. WesVar uses repeated replication variance estimation methods exclusively and as a result does not offer the Taylor Series Linearization approach.

WesVar is a point and click tool with log and output files that echo the options and variables selected for the particular analysis. As a result the output presented for WesVar examples consists of the log file and selected key output file. The exact syntax is not presented since it is not generated by the program nor is it possible to run WesVar with just user-written syntax but “Workbook” files can be created for a record of the analysis session. The workbook files will be posted on the ASDA web site in the near future and would enhance this output. From the output provided, you can determine the data used, output options, variables analyzed and other details of the analysis.

Some of the fine points of this tool are the use of the subpopulation filter in the Tables statement, creation of variables used in the analyses (means, ratios, differences, etc.), various output options to specify the statistics of interest and a number of Repeated Replication variance estimation methods (JK1, JK2, BRR, etc.). For these examples, the JK2 method was used throughout but other methods are available. See the WesVar User’s Guide for details.
ANALYSIS EXAMPLE 5.1 AND 5.2 NOT INCLUDED HERE DUE TO NO GRAPHICS IN WESVAR 4.3

ANALYSIS EXAMPLE 5.3 NCSR DATA

WESVAR VERSION NUMBER :  4.3
TIME THE JOB EXECUTED :  09:26:38 03/26/2010
INPUT DATASET NAME :  C:\Program Files\Westat\WesVar\Data\ncsr_winter2010.var
TIME THE INPUT DATASET CREATED :  12:05:26 03/25/2010
FULL SAMPLE WEIGHT :  ncsrwts_pop
REPLICATE WEIGHTS :  RPL01...RPL42
VARIANCE ESTIMATION METHOD :  JK2

ANALYSIS VARIABLES :  mde
COMPUTED STATISTIC :  M_mde = MEAN(mde)
TABLE(S) :  MAR3CAT
FACTOR(S) :  1.00

NUMBER OF REPLICATES :  42
NUMBER OF OBSERVATIONS READ :  9282
WEIGHTED NUMBER OF OBSERVATIONS READ :  209128097.425

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>2.09e+08</td>
<td>1.022e+07</td>
<td>7.93e+07</td>
<td>3.39e+08</td>
<td>N/A</td>
</tr>
<tr>
<td>mde</td>
<td>VALUE</td>
<td>4.01e+07</td>
<td>2.567e+06</td>
<td>7.47e+06</td>
<td>7.27e+07</td>
<td>N/A</td>
</tr>
<tr>
<td>M_mde</td>
<td>VALUE</td>
<td>0.19</td>
<td>0.005</td>
<td>0.13</td>
<td>0.25</td>
<td>1.408</td>
</tr>
</tbody>
</table>
Marital Status-3 categories | STATISTIC | EST_TYPE | ESTIMATE | STDERRR | LOWER 95% | UPPER 95% | DEFF
--- | --- | --- | --- | --- | --- | --- | ---
Married | mde | VALUE | 2.03e+07 | 1.584e+06 | 1.71e+07 | 2.35e+07 | 6.819
Previously Married | mde | VALUE | 1.04e+07 | 7.026e+05 | 8.94e+06 | 1.18e+07 | 2.968
Never Married | mde | VALUE | 9.43e+06 | 7.731e+05 | 7.87e+06 | 1.1e+07 | 3.065
MARGINAL | mde | VALUE | 4.01e+07 | 2.567e+06 | 3.49e+07 | 4.53e+07 | 9.029
Married | M_mde | VALUE | 0.17 | 0.006 | 0.16 | 0.19 | 1.480
Previously Married | M_mde | VALUE | 0.24 | 0.011 | 0.22 | 0.26 | 1.218
Never Married | M_mde | VALUE | 0.19 | 0.010 | 0.17 | 0.21 | 1.324
MARGINAL | M_mde | VALUE | 0.19 | 0.005 | 0.18 | 0.20 | 1.408
ANALYSIS EXAMPLE 5.4 HRS DATA

WESVAR VERSION NUMBER : 4.3
TIME THE JOB EXECUTED : 14:43:34 04/05/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\final_hrs_hhwgt_JK2.var
TIME THE INPUT DATASET CREATED : 14:22:08 04/05/2010
FULL SAMPLE WEIGHT : KWGTHH
REPLICATE WEIGHTS : RPL01...RPL56
VARIANCE ESTIMATION METHOD : JK2

OPTION COMPLETE : ON
OPTION FUNCTION LOG : ON
OPTION VARIABLE LABEL : ON
OPTION VALUE LABEL : ON
OPTION OUTPUT REPPLICATE ESTIMATES : OFF
FINITE POPULATION CORRECTION FACTOR : 1.00000
VALUE OF ALPHA (CONFIDENCE LEVEL %) : 0.05000 (95.00000 %)
DEGREES OF FREEDOM : 56
 t VALUE : 2.003
SUBSET CRITERIA : KFINR = 1

ANALYSIS VARIABLES : H8ATOTA
COMPUTED STATISTIC : None Specified.
TABLE(S) : None Specified.
FACTOR(S) : 1.00

NUMBER OF REPLICAUES : 56
NUMBER OF OBSERVATIONS READ : 12558
WEIGHTED NUMBER OF OBSERVATIONS READ : 53853171.000
EXCLUDED: 616 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>5.39e+07</td>
<td>9.831e+05</td>
<td>5.19e+07</td>
<td>5.58e+07</td>
<td>N/A</td>
</tr>
<tr>
<td>H8ATOTA</td>
<td>VALUE</td>
<td>2.84e+13</td>
<td>1.596e+12</td>
<td>2.52e+13</td>
<td>3.16e+13</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### Analysis Example 5.5 NCSR Data

**WesVar Version Number:** 4.3  
**Time the Job Executed:** 09:52:03 03/26/2010  
**Input Dataset Name:** C:\Program Files\Westat\WesVar\Data\final_ncsr_part2weight_JK2.var  
**Time the Input Dataset Created:** 09:51:19 03/26/2010  
**Full Sample Weight:** NCSRWTLG  
**Replicate Weights:** RPL01...RPL42  
**Variance Estimation Method:** JK2  

**Analysis Variables:** None Specified.  
**Computed Statistic:** M_HHINC = MEAN(HHINC)  
**Table(S):** None Specified.  

**Factor(S):** 1.00  
**Number of Replicates:** 42  
**Number of Observations Read:** 5692  
**Weighted Number of Observations Read:** 5692.000  

<table>
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<th>Statistic</th>
<th>EST_TYPE</th>
<th>Estimate</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
<th>EFF_SAMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>5692.00</td>
<td>251.096</td>
<td>5185.27</td>
<td>6198.73</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>M_HHINC</td>
<td>VALUE</td>
<td>59277.06</td>
<td>1607.245</td>
<td>56033.51</td>
<td>62520.61</td>
<td>6.178</td>
<td>921.272</td>
</tr>
</tbody>
</table>

---

**SUM_WTS**  
**Value:** 5692.00  
**Standard Error:** 251.096  
**Lower 95% Confidence Bound:** 5185.27  
**Upper 95% Confidence Bound:** 6198.73  
**Design Effect:** N/A  
**Effective Sample Size:** N/A  

**M_HHINC**  
**Value:** 59277.06  
**Standard Error:** 1607.245  
**Lower 95% Confidence Bound:** 56033.51  
**Upper 95% Confidence Bound:** 62520.61  
**Design Effect:** 6.178  
**Effective Sample Size:** 921.272
ANALYSIS EXAMPLE 5.6 NHANES DATA

WESVAR VERSION NUMBER : 4.3
TIME THE JOB EXECUTED : 10:01:42 03/26/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\nhanes0506_july11_2009_JK2.var
TIME THE INPUT DATASET CREATED : 09:55:06 03/26/2010
FULL SAMPLE WEIGHT : WTMEC2YR
REPLICATE WEIGHTS : RPL01...RPL15
VARIANCE ESTIMATION METHOD : JK2
SUBSET CRITERIA : age18P = 1
ANALYSIS VARIABLES : BPXSY1
COMPUTED STATISTIC : M_BPXSY1 = MEAN(BPXSY1)
TABLE(S) : None Specified.
FACTOR(S) : 1.00
NUMBER OF REPLICATES : 15
NUMBER OF OBSERVATIONS READ : 5563
WEIGHTED NUMBER OF OBSERVATIONS READ : 217700471.284
EXCLUDED: 229 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>1.91e+08</td>
<td>1.249e+07</td>
<td>1.66e+08</td>
<td>2.16e+08</td>
<td>N/A</td>
</tr>
<tr>
<td>BPXSY1</td>
<td>VALUE</td>
<td>2.35e+10</td>
<td>1.520e+09</td>
<td>2.05e+10</td>
<td>2.66e+10</td>
<td>N/A</td>
</tr>
<tr>
<td>M_BPXSY1</td>
<td>VALUE</td>
<td>123.11</td>
<td>0.546</td>
<td>122.01</td>
<td>124.21</td>
<td>4.004</td>
</tr>
</tbody>
</table>
ANALYSIS EXAMPLE 5.7 HRS DATA

WESVAR VERSION NUMBER : 4.3
TIME THE JOB EXECUTED : 10:09:34 03/26/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\final_hrs_hhwgt_JK2.var
TIME THE INPUT DATASET CREATED : 10:07:05 03/26/2010
FULL SAMPLE WEIGHT : KWGTHH
REPLICATE WEIGHTS : RPL01...RPL56
VARIANCE ESTIMATION METHOD : JK2

SUBSET CRITERIA : kfinr=1
ANALYSIS VARIABLES : None Specified.
COMPUTED STATISTIC : M_H8ATOTA = MEAN(H8ATOTA)
TABLE(S) : None Specified.

FACTOR(S) : 1.00
NUMBER OF REPLICATES : 56
NUMBER OF OBSERVATIONS READ : 12558
WEIGHTED NUMBER OF OBSERVATIONS READ : 53853171.000
EXCLUDED: 616 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
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<th>UPPER 95%</th>
<th>DEFF</th>
<th>EFF_SAMP</th>
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</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>5.39e+07</td>
<td>9.831e+05</td>
<td>5.19e+07</td>
<td>5.58e+07</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>5.27e+05</td>
<td>2.801e+04</td>
<td>4.71e+05</td>
<td>5.84e+05</td>
<td>1.560</td>
<td>7654.599</td>
</tr>
</tbody>
</table>
ANALYSIS EXAMPLE 5.8 HRS DATA

WESVAR VERSION NUMBER :  4.3
TIME THE JOB EXECUTED :  10:29:09 03/26/2010
INPUT DATASET NAME :  C:\Program Files\Westat\WesVar\Data\final_hrs_hhwgt_JK2.var
TIME THE INPUT DATASET CREATED :  10:07:05 03/26/2010
FULL SAMPLE WEIGHT :  KWGTHH
REPLICATE WEIGHTS :  RPL01...RPL56
VARIANCE ESTIMATION METHOD :  JK2
SUBSET CRITERIA :  KFINR = 1
OPTION BIN QUANTILE :  OFF

ANALYSIS VARIABLES :  None Specified.
COMPUTED STATISTIC :  H8ATOTA_Q1 = QUANTILE(H8ATOTA, 0.25)
                      H8ATOTA_Q2 = QUANTILE(H8ATOTA, 0.5)
                      H8ATOTA_Q3 = QUANTILE(H8ATOTA, 0.75)
TABLE(S) :  None Specified.

FACTOR(S) :  1.00

NUMBER OF REPLICATES :  56
NUMBER OF OBSERVATIONS READ :  12558
WEIGHTED NUMBER OF OBSERVATIONS READ :  53853171.000
EXCLUDED:  616 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM WTS</td>
<td>VALUE</td>
<td>5.39e+07</td>
<td>983134.890</td>
<td>5.19e+07</td>
<td>5.58e+07</td>
</tr>
<tr>
<td>H8ATOTA_Q1</td>
<td>VALUE</td>
<td>39852.93</td>
<td>3236.315</td>
<td>32916.81</td>
<td>45979.10</td>
</tr>
<tr>
<td>H8ATOTA_Q2</td>
<td>VALUE</td>
<td>183309.04</td>
<td>9909.801</td>
<td>164922.61</td>
<td>204920.19</td>
</tr>
<tr>
<td>H8ATOTA_Q3</td>
<td>VALUE</td>
<td>495931.38</td>
<td>17406.982</td>
<td>463560.08</td>
<td>533817.51</td>
</tr>
</tbody>
</table>
WESVAR VERSION NUMBER : 4.3
TIME THE JOB EXECUTED : 10:20:37 03/26/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\nhanes0506_july11_2009_JK2.var
TIME THE INPUT DATASET CREATED : 10:19:19 03/26/2010
FULL SAMPLE WEIGHT : WTMEC2YR
REPLICATE WEIGHTS : RPL01...RPL15
VARIANCE ESTIMATION METHOD : JK2
SUBSET CRITERIA : AGE18P-1

ANALYSIS VARIABLES : None Specified.
COMPUTED STATISTIC : RATIO=(LBDHDD/LBXTC)
TABLE(S) : None Specified.
FACTOR(S) : 1.00
NUMBER OF REPLICATES : 15
NUMBER OF OBSERVATIONS READ : 5563
WEIGHTED NUMBER OF OBSERVATIONS READ : 21770471.284
EXCLUDED: 229 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>2.05e+08</td>
<td>1.227e+07</td>
<td>1.81e+08</td>
<td>2.30e+08</td>
<td>N/A</td>
</tr>
<tr>
<td>RATIO</td>
<td>VALUE</td>
<td>0.28</td>
<td>0.002</td>
<td>0.27</td>
<td>0.28</td>
<td>N/A</td>
</tr>
</tbody>
</table>
ANALYSIS EXAMPLE 5.10 HRS DATA

WESVAR VERSION NUMBER :   4.3
TIME THE JOB EXECUTED :  11:03:15 03/26/2010
INPUT DATASET NAME :  C:\Program Files\Westat\WesVar\Data\final_hrs_JK2.var
TIME THE INPUT DATASET CREATED :  10:39:00 03/26/2010
FULL SAMPLE WEIGHT :  KWGTR
REPLICATE WEIGHTS :  RPL01...RPL56
VARIANCE ESTIMATION METHOD :  JK2

SUBSET CRITERIA :  KAGE > 70 AND KFINR=1

ANALYSIS VARIABLES :  DIABETES
COMPUTED STATISTIC :  M_DIABETES = MEAN(DIABETES)
TABLE(S) :  GENDER
FACTOR(S) :  1.00

NUMBER OF REPLICATES :  56
NUMBER OF OBSERVATIONS READ :  5757
WEIGHTED NUMBER OF OBSERVATIONS READ :  18923815.000
EXCLUDED:  406 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>GENDER</th>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
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<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>MALE</td>
<td>M_DIABETES</td>
<td>VALUE</td>
<td>0.23</td>
<td>0.010</td>
<td>0.21</td>
<td>0.26</td>
<td>1.316</td>
</tr>
<tr>
<td>FEMALE</td>
<td>M_DIABETES</td>
<td>VALUE</td>
<td>0.19</td>
<td>0.010</td>
<td>0.17</td>
<td>0.21</td>
<td>1.904</td>
</tr>
<tr>
<td>MARGINAL</td>
<td>M_DIABETES</td>
<td>VALUE</td>
<td>0.21</td>
<td>0.007</td>
<td>0.19</td>
<td>0.22</td>
<td>1.656</td>
</tr>
</tbody>
</table>
ANALYSIS EXAMPLE 5.11 NHANES DATA

WESVAR VERSION NUMBER :    4.3
TIME THE JOB EXECUTED :    11:10:13 03/26/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\nhanes0506_july11_2009_JK2.var
TIME THE INPUT DATASET CREATED : 10:19:19 03/26/2010
FULL SAMPLE WEIGHT : WTMEC2YR
REPLICATE WEIGHTS : RPL01...RPL15
VARIANCE ESTIMATION METHOD : JK2

SUBSET CRITERIA :    AGE > 45

ANALYSIS VARIABLES : None Specified.
COMPUTED STATISTIC : M_BPXSY1 = MEAN(BPXSY1)
TABLE(S) :    RIAGENDR

FACTOR(S) :    1.00

NUMBER OF REPLICATES :    15
NUMBER OF OBSERVATIONS READ :    2527
WEIGHTED NUMBER OF OBSERVATIONS READ :    102959777.366
EXCLUDED: 105 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>RIAGENDR</th>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
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<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>MALE</td>
<td>M_BPXSY1</td>
<td>VALUE</td>
<td>128.96</td>
<td>0.774</td>
<td>127.40</td>
<td>130.53</td>
<td>1.909</td>
</tr>
<tr>
<td>FEMALE</td>
<td>M_BPXSY1</td>
<td>VALUE</td>
<td>132.09</td>
<td>1.089</td>
<td>129.89</td>
<td>134.28</td>
<td>2.302</td>
</tr>
<tr>
<td>MARGINAL</td>
<td>M_BPXSY1</td>
<td>VALUE</td>
<td>130.57</td>
<td>0.783</td>
<td>128.99</td>
<td>132.15</td>
<td>2.958</td>
</tr>
</tbody>
</table>
**ANALYSIS EXAMPLE 5.1 HRS DATA**

**WESVAR VERSION NUMBER :** 4.3
**TIME THE JOB EXECUTED :** 11:38:15 03/26/2010
**INPUT DATASET NAME :** C:\Program Files\Westat\WesVar\Data\final_hrs_hhwgt_JK2.var
**TIME THE INPUT DATASET CREATED :** 10:07:05 03/26/2010
**FULL SAMPLE WEIGHT :** KWGTHH
**REPLICATE WEIGHTS :** RPL01...RPL56
**VARIANCE ESTIMATION METHOD :** JK2

**SUBSET CRITERIA :** KFINR=1

**ANALYSIS VARIABLES :** None Specified.

**COMPUTED STATISTIC :** M_H8ATOTA = MEAN(H8ATOTA)
**TABLE(S) :** EDCAT
**FACTOR(S) :** 1.00

**NUMBER OF REPLICATES :** 56
**NUMBER OF OBSERVATIONS READ :** 12558
**WEIGHTED NUMBER OF OBSERVATIONS READ :** 53853171.000

**EXCLUDED:** 616 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>EDCAT</th>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERROR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-11</td>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>178386.05</td>
<td>24566.339</td>
<td>129173.76</td>
<td>227598.35</td>
<td>1.651</td>
</tr>
<tr>
<td>12</td>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>328391.95</td>
<td>17060.878</td>
<td>294214.91</td>
<td>362569.00</td>
<td>1.607</td>
</tr>
<tr>
<td>13-15</td>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>455457.61</td>
<td>26984.044</td>
<td>401402.07</td>
<td>509513.15</td>
<td>1.086</td>
</tr>
<tr>
<td>16+</td>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>1107204.10</td>
<td>102102.829</td>
<td>902667.54</td>
<td>1311740.66</td>
<td>1.377</td>
</tr>
<tr>
<td></td>
<td>MARGINALM_H8ATOTA</td>
<td>VALUE</td>
<td>528744.89</td>
<td>28182.565</td>
<td>472288.43</td>
<td>585201.36</td>
<td>1.570</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LABEL</th>
<th>STATISTIC</th>
<th>EST_TYPE</th>
<th>ESTIMATE</th>
<th>STDERROR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIFFED1_ED4</td>
<td>M_H8ATOTA</td>
<td>VALUE</td>
<td>-928818.05</td>
<td>108162.027</td>
<td>-1.15e+06</td>
<td>-710538.24</td>
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</tbody>
</table>
ANALYSIS EXAMPLE 5.13 HRS 2004 AND 2006 DATA

WESVAR VERSION NUMBER : 4.3
TIME THE JOB EXECUTED : 11:43:56 03/26/2010
INPUT DATASET NAME : C:\Program Files\Westat\WesVar\Data\CHAPTER5_ex5_13_JK2.var
TIME THE INPUT DATASET CREATED : 11:41:22 03/26/2010
FULL SAMPLE WEIGHT : weight
REPLICATE WEIGHTS : RPL01...RPL56
VARIANCE ESTIMATION METHOD : JK2

SUBSET CRITERIA : finr0406 = 1

ANALYSIS VARIABLES : None Specified.
COMPUTED STATISTIC : M_totassets = MEAN(totassets)

TABLE(S) : year
FACTOR(S) : 1.00

NUMBER OF REPPLICATES : 56
NUMBER OF OBSERVATIONS READ : 24486
WEIGHTED NUMBER OF OBSERVATIONS READ : 10508460.000
EXCLUDED: 981 observations excluded from CELL_n because of zero weights.

<table>
<thead>
<tr>
<th>year</th>
<th>STATISTIC</th>
<th>EST TYPE</th>
<th>ESTIMATE</th>
<th>STDERR</th>
<th>LOWER 95%</th>
<th>UPPER 95%</th>
<th>DEFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>5.12e+07</td>
<td>942782.854</td>
<td>4.93e+07</td>
<td>5.31e+07</td>
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<tr>
<td>2006</td>
<td>SUM_WTS</td>
<td>VALUE</td>
<td>5.39e+07</td>
<td>983134.890</td>
<td>5.19e+07</td>
<td>5.58e+07</td>
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<tr>
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<td>M_totassets</td>
<td>VALUE</td>
<td>1.05e+08</td>
<td>411786.38</td>
<td>1.918e+06</td>
<td>1.01e+08</td>
<td>1.09e+08</td>
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<td>2006</td>
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<td>527313.16</td>
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<td>470791.30</td>
<td>583835.03</td>
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<tr>
<td>2004</td>
<td>MARGINALM_totassets</td>
<td>VALUE</td>
<td>470990.98</td>
<td>425461.50</td>
<td>516520.47</td>
<td>2.802</td>
<td></td>
</tr>
</tbody>
</table>

LABEL STATISTIC EST TYPE ESTIMATE STDERR LOWER 95% UPPER 95%
DIFF04_06 M_totassets VALUE -115526.78 19976.121 -155840.22 -75213.33