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Subject: Re: Using igrowup SPSS syntax  
Posted by [Mlue](#) on Mon, 25 Mar 2019 10:38:48 GMT  
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Hello BLM,

Try the following codes (SPSS) to match some of the results in the report. Please note that I have never used igrowup and I'm not sure what it does.

I hope this helps. I have also attached text files with extra syntaxes.

Example for WASTING

```
*/ [ OPEN THE DATA - PR RECODE FILE (MWPR7HFL) ] **.
```

```
** CHILD NUTRITIONAL STATUS.
```

```
** Table 11.1 Nutritional status of children.
```

```
** MALAWI DHS 2015-16 **.
```

```
** **.
```

```
GET
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MW_2015-16_DHS_03042019_835_52565_SPSS\MWPR7HS\MWPR7HFL.SAV'.
```

```
DATASET NAME DataSet1 WINDOW=FRONT.
```

```
*****  
*****.
```

```
** WEIGHT VARIABLE.
```

```
COMPUTE weight = hv005/1000000.
```

```
WEIGHT BY weight.
```

```
** COMPLEX SURVEY VARIABLES.
```

```
COMPUTE psu = hv021.
```

```
COMPUTE strata = hv023.
```

```
*****  
*****.
```

```
RENAME VARIABLES (hc27 = sex) (hv270 = wealth) (hv025 = residence) (hv024 = region).
```

```
*****  
*****.
```

```
** CHILD AGE IN MONTHS.
```

```
RECODE hc1 (0 THRU 5 = 1) (6 THRU 8 = 2) (9 THRU 11 = 3)
```

```
(12 THRU 17 = 4) (18 THRU 23 = 5) (24 THRU 35 = 6) (36 THRU 47 = 7)
```

```
(48 THRU 59 = 8) INTO child_age.
```

VARIABLE LABELS child\_age 'Child age (months)'.  
EXECUTE.

VALUE LABELS child\_age 1 "0-5 months" 2 "6-8 months" 3 "9-11 months" 4 "12-17 months" 5  
"18-23 months" 6 "24-35 months" 7 "36-47 months" 8 "48-59 months".

SELECT IF child\_age LE 8.

\*\*\*\*\*  
\*\*\*\*\*

\*\* WASTING = Weight-for-height.

COMPUTE wasting=\$SYSMIS.

IF hv103=1 wasting=0.

IF missing(hc72) wasting=\$SYSMIS.

IF (hc72>=9996) wasting= \$SYSMIS.

IF (hc72 LT -200 AND hv103=1) wasting = 1.

EXECUTE.

VARIABLE LABELS wasting 'Wasting children'.  
VALUE LABELS wasting 0 "Not wasting" 1 "Wasting" .

\*\*\*\*\*  
\*\*\*\*\*  
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\*\*\*\*\*

SELECT IF wasting LE 1.

\*\* CHECK.

FREQUENCIES VARIABLES= wasting

/ORDER=ANALYSIS.

\*\*\*\*\*  
\*\*\*\*\*

CROSSTABS

/TABLES=child\_age sex wealth residence region BY wasting

/FORMAT=AVALUE TABLES

/CELLS=ROW

/COUNT ROUND CELL.

CROSSTABS

/TABLES=child\_age sex wealth residence region BY wasting

```
/FORMAT=AVALUE TABLES
/CELLS=COUNT
/COUNT ROUND CELL.
```

```
*****
```

```
*****
```

```
/* COMPLEX SURVEYS */.
```

```
* Analysis Preparation Wizard.
```

```
CSPLAN ANALYSIS
```

```
/PLAN
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015_16_PRCPLAN.csaplan'
```

```
/PLANVARS ANALYSISWEIGHT=weight
```

```
/SRSESTIMATOR TYPE=WOR
```

```
/PRINT PLAN
```

```
/DESIGN STRATA=strata CLUSTER=psu
```

```
/ESTIMATOR TYPE=WR.
```

```
*****
```

```
* Complex Samples Frequencies.
```

```
CSTABULATE
```

```
/PLAN
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015_16_PRCPLAN.csaplan'
```

```
/TABLES VARIABLES=wasting
```

```
/CELLS POPSIZE TABLEPCT
```

```
/STATISTICS DEFF
```

```
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

```
* Complex Samples Crosstabs.
```

```
CSTABULATE
```

```
/PLAN
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015_16_PRCPLAN.csaplan'
```

```
/TABLES VARIABLES=child_age sex wealth residence region BY wasting
```

```
/CELLS ROWPCT
```

```
/STATISTICS CV
```

```
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

I also don't know why you want to merge the PR and KR files. Nonetheless, the following code will assist with the merging.

Example for MERGING PR and KR files

```
/** BEFORE YOU START.  
* PLEASE MAKE SURE THAT THE PR & KR DATA FILES ARE SAVED ON THE SAME  
FOLDER  
**/
```

```
**** OPEN THE KR FILE ****.
```

```
GET  
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWKR7HFL.SAV'.  
DATASET NAME KR_Dataset WINDOW=FRONT.
```

```
COMPUTE line=B16.  
SORT CASES BY V001(A) V002(A) line(A).
```

```
SAVE OUTFILE  
="C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWKR7HFLtemp.SAV".
```

```
*****
```

```
**** OPEN THE PR FILE ****.
```

```
GET  
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWPR7HFL.SAV'.  
DATASET NAME PR_Dataset WINDOW=FRONT.
```

```
COMPUTE V001=HV001.  
COMPUTE V002=HV002.  
COMPUTE line=HVIDX.  
SORT CASES BY V001(A) V002(A) line(A).
```

```
SAVE OUTFILE =  
"C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWPR7HFLtemp.SAV".  
DATASET CLOSE KR_Dataset.
```

```
*****
```

```
**** THE MERGE (ONE TO MANY) ****.
```

```
*MATCH FILES FILE =  
"C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWKR7HFLtemp.SAV" /IN=inKRfile  
/TABLE = "C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR  
DATA\MWPR7HFLtemp.SAV" /IN=inPRfile  
/BY V001 V002 line.
```

```
MATCH FILES
```

```
FILE="C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR
DATA\MWKR7HFLtemp.SAV" /IN=inKRfile
 /FILE= "C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR
DATA\MWPR7HFLtemp.SAV" /IN=inPRfile
 /BY V001 V002 line.
SELECT IF inPRfile EQ 1.
DATASET CLOSE PR_Dataset.
DATASET NAME MERGED_Dataset WINDOW=FRONT.

SAVE OUTFILE =
"C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\KR_PR
DATA\MERGED_KR_PR_MALAWI.SAV".
```

### File Attachments

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- 1) [MERGING DATA PR & KR DATA ON SPSS - MALAWI DHS 2015-16 \\_ SYNTAX.txt](#), downloaded 482 times
  - 2) [STUNTING - NUTRITIONAL STATUS OF CHILDREN - MALAWI DHS 2015-16 - SPSS.txt](#), downloaded 482 times
  - 3) [UNDERWEIGHT - NUTRITIONAL STATUS OF CHILDREN - MALAWI DHS 2015-16 - SPSS.txt](#), downloaded 457 times
  - 4) [WASTING - NUTRITIONAL STATUS OF CHILDREN - MALAWI DHS 2015-16 - SPSS.txt](#), downloaded 466 times
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