
Subject: MOTHER POSTNATAL CARE ON SPSS
Posted by [Mlue](#) on Mon, 04 Mar 2019 13:56:13 GMT
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This code reproduces mother PNC using SPSS.
I used Malawi DHS 2015-16 as an example.

**** I USED A STATA FILE HERE **.**

GET

STATA

FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MWIR7HFL.dta'.
DATASET NAME DataSet1 WINDOW=FRONT.

*****.

**** GENERATE THE WEIGHT VARIABLE & WEIGHT DATA **.**

COMPUTE weight = V005/1000000.

WEIGHT BY weight.

*****.

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

COMPUTE psu = V021.

COMPUTE strata = V023.

*****.

**** RENAME A FEW VARIABLES TO BE USE IN ANALYSIS **.**

RENAME VARIABLES (V013 = age) (V149 = education) (V190 = wealth) (V025 = residence)
(V024 = region).

*****.

*generate variable for birth in the last two years.

COMPUTE birth2=0.

IF (b19_01 LT 24) birth2 = 1.

EXECUTE.

*****.

* PNC TIMING FOR THE MOTHER .

COMPUTE momcheck=0.

IF (M62_1 EQ 1 OR M66_1 EQ 1) AND birth2 EQ 1 momcheck = 1.

EXECUTE.

COMPUTE pnc_wm_time=\$SYSMIS.

IF (birth2 EQ 1 AND momcheck EQ 1) pnc_wm_time = 999.

IF RANGE(m64_1,11,29) AND birth2 EQ 1 pnc_wm_time = m63_1.

IF pnc_wm_time EQ 999 AND RANGE(m68_1,11,29) AND birth2 EQ 1 pnc_wm_time = m67_1.

IF momcheck EQ 0 AND birth2 EQ 1 pnc_wm_time = 0.

EXECUTE.

```
RECODE pnc_wm_time (100 THRU 103 = 1) (104 THRU 123 200 = 2) (124 THRU 171 201 202
= 3)
```

```
(172 THRU 197 203 THRU 206 = 4) (207 THRU 241 300 THRU 305 = 5)
(998=6) (ELSE=7) INTO rh_pnc_wm_timing.
```

```
VALUE LABELS rh_pnc_wm_timing 1 "<4 hours" 2 "4-23 hours" 3 "1-2 days" 4 "3-6 days" 5 "7-41
days" 6 "Don't know" 7 "No check".
```

```
VARIABLE LABELS rh_pnc_wm_timing "Timing of first postnatal check-up for the mother".
EXECUTE.
```

```
RENAME VARIABLES (rh_pnc_wm_timing = PNC_mother).
```

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

```
RECODE PNC_mother (1 THRU 3 = 1) (ELSE=0) INTO PNC_mother2days.
```

```
VALUE LABELS PNC_mother2days 0 "Not in 2 days" 1 "Within 2 days".
```

```
VARIABLE LABELS PNC_mother2days "Percentage of women with a postnatal check during the
first 2 days after birth".
```

```
EXECUTE.
```

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

```
SELECT IF pnc_wm_time LE 1000.
```

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

```
* Analysis Preparation Wizard.
```

```
CSPLAN ANALYSIS
```

```
/PLAN
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015
_16_CSPLAN.csaplan'
```

```
/PLANVARS ANALYSISWEIGHT=weight
```

```
/SRSESTIMATOR TYPE=WOR
```

```
/PRINT PLAN
```

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

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

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

```
/** CHECK **/.
```

```
* complex Samples Frequencies.
```

```
CSTABULATE
```

```
/PLAN
```

```
FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015
_16_CSPLAN.csaplan'
```

```
/TABLES VARIABLES=PNC_mother PNC_mother2days
```

```
/CELLS POPSIZE TABLEPCT
```

```
/STATISTICS DEFF
```

/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.

*****.

** CROSSTABS **.

* complex Samples Crosstabs.

CSTABULATE

/PLAN

FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015_16_CSPLAN.csaplan'

/TABLES VARIABLES=wealth BY PNC_mother

/CELLS ROWPCT

/STATISTICS CV

/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.

* complex Samples Crosstabs.

CSTABULATE

/PLAN

FILE='C:\Users\User1\Documents\MW_2015-16_DHS_05242018_253_52565\MAMAWIDHS2015_16_CSPLAN.csaplan'

/TABLES VARIABLES=wealth BY PNC_mother2days

/CELLS ROWPCT

/STATISTICS CV

/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.

*****.

/* MAY NOT GET EXACT SAME RESULTS AS IN THE REPORT */.

FREQUENCIES VARIABLES=PNC_mother PNC_mother2days

/ORDER=ANALYSIS.

CROSSTABS

/TABLES=wealth BY PNC_mother PNC_mother2days

/FORMAT=AVALUE TABLES

/CELLS=ROW

/COUNT ROUND CELL.