Subject: Calculation of exclusive breastfeeding
Posted by Kdede on Sat, 08 Jul 2017 07:41:19 GMT
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Dear DHS forum members,

can any one help me? am struggling to calculate the EBF using Tanzania Demographic and Health Survey data of 2015/2016 using SPSS. I used the following syntax, but the results are not the same as what has been obtained in Table 11.3 of the TDHS 2015/16 report. where did I go wrong?

```
Open file.
GET FILE "C:\Users\Samy\Desktop\Dar es Salaam 2017\TZKR7HFL.SAV".

* compute age in months.
COMPUTE age=V008 - B3.
EXECUTE.

* Select children living with the mother.
FILTER OFF.
USE ALL.
SELECT IF (B9=0).
EXECUTE.

AGGREGATE
  /OUTFILE=* MODE=ADDVARIABLES
  /BREAK=V001 V002 V003
  /BIDX_min=MIN(BIDX).

SELECT IF (BIDX_min = BIDX) .
EXECUTE.

* Select children age below 24.
FILTER OFF.
USE ALL.
SELECT IF ( age < 24).
EXECUTE.


* Create age gropus.
RECODE age (0 thru 1=1) (2 thru 3=2) (4 thru 5=3) (6 thru 8=4) (9 thru 11=5) (12 thru 17=6) (18
    thru 23=7) INTO age_grp.
VARIABLE LABELS  age_grp 'age group'.
EXECUTE.

VALUE LABELS age_grp 1 " 0-1 month" 2 "2-3 months" 3 "4-5 months" 4 "6-8 months" 5 "9-11
months" 6 "12-17 months" 7 "18-23 months".
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```
*23-06-2017.
COMPUTE water = 0.
EXECUTE.

COMPUTE liquids = 0.
EXECUTE.

COMPUTE milk= 0.
EXECUTE.

COMPUTE solid= 0.
EXECUTE.

COMPUTE bottle= 0.
EXECUTE.
COMPUTE breast= 0.
EXECUTE.

* to determine if child is given water.

DO IF (V409 >= 1 & V409 <= 7).
RECODE water (0=1).
END IF.
EXECUTE.

*To determine if Child is given liquids.
DO IF ((V410 >= 1 & V410 <= 7) | (V412c >= 1 & V412c <= 7) | (V413 >= 1 & V413 <= 7)) .
RECODE liquids (0=1).
END IF.
EXECUTE.

* to determine if child is given milk.

DO IF ((V411 >= 1 & V411 <= 7) | (V411a >= 1 & V411a <= 7)).
RECODE milk (0=1).
END IF.
EXECUTE.

*To determine if child drank from bottle with nipple.

DO IF (M38= 1 ).
RECODE bottle (0=1).
END IF.
EXECUTE.

*To determine if Child is given Solid.

DO IF ((V412A >=1 & V412A<=7) | (V414E >= 1 & V414E <= 7) | (V414F >=1 & V414F <=7) |
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(V414G >=1 & V414G <=7) | (V414H >=1 & V414H <=7) |
    (V414I >=1 & V414I <=7) | (V414J >=1 & V414J <=7) | (V414K >=1 & V414K <=7) | (V414L
>=1 & V414L<=7) | (V414M>=1 & V414M<=7) |
    (V414N >=1 & V414N <=7) | (V414O >=1 & V414O <=7) | (V414P >=1 & V414P <=7) |
(V414S >=1 & V414S <=7) | (V414V >=1 & V414V <=7)).
RECODE Solid (0=1).
END IF.
EXECUTE.

*To determine if child is still breastfeeding.

DO IF (M4= 95).
RECODE breast (0=1).
END IF.
EXECUTE.
VALUE LABELS breast 0   "Not breastfeeding" 1 " Still breastfeeding".

*Matching Table 11.3 for exclusive breast feeding in 0-5 month children.

COMPUTE feeding=7.
EXECUTE.

* exclusive breastfeeding.
DO IF (water = 0 & liquids = 0 & Milk = 0 & Solid = 0).
RECODE feeding (7=1).
END IF.
EXECUTE.

* Breastfeeding + water.
DO IF (water = 1 & liquids = 0 & Milk = 0 & Solid = 0).
RECODE feeding (7=2).
END IF.
EXECUTE.

* Breastfeeding + liquids.
DO IF (liquids = 1 & milk = 0 & solid = 0).
RECODE feeding (7=3).
END IF.
EXECUTE.

* Breastfeeding + milk.
DO IF (milk = 1 & solid = 0).
RECODE feeding (7=4).
END IF.
EXECUTE.

* Breastfeeding + solid.
DO IF (solid = 1).

```
RECODE feeding (7=5).
END IF.
EXECUTE.

* Not breastfeeding.
DO IF (breast= 0).
RECODE feeding (7=0).
END IF.
EXECUTE.

VALUE LABELS feeding 0   "Not breastfeeding" 1 "exclusive breastfeeding" 2 "+Water" 3
"+Liquids" 4 "+Other Milk" 5 "+Solids".

COMPUTE wt=v005/1000000.
EXECUTE.

*exclusive breastfeeding age < 6 months.
COMPUTE ebf=0.
EXECUTE.

DO IF (feeding = 1).
RECODE ebf (0=1).
END IF.
EXECUTE.


USE ALL.
COMPUTE filter_$=(age < 6).
VARIABLE LABELS filter_$ 'age < 6 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.

FREQUENCIES VARIABLES=ebf
 /ORDER=ANALYSIS.
```

I appreciate your help.
Dede
PhD student-ISS Netherlands

File Attachments
1) Dede Syntax Dar 2017.sps, downloaded 554 times