## 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.

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".

<sup>\*</sup> Create age gropus.

\*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.

DO IF ((V412A >=1 & V412A<=7) | (V414E >=1 & V414E <=7) | (V414F >=1 & V414F <=7) |

<sup>\*</sup>To determine if Child is given Solid.

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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 \& \text{liquids} = 0 \& \text{Milk} = 0 \& \text{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).
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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 650 times
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