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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".
```

\*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) |

```
(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

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1) [Dede Syntax Dar 2017.sps](#), downloaded 457 times

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