
Subject: Re: DISABILITY - UGANDA DHS 2016 ON SAS

Posted by [Mlue](#) on Sun, 01 Mar 2020 00:12:30 GMT

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Hello Chibu,

The following Stata code will point you in the right direction:

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**

```
clear all
set maxvar 9000
set mem 1g
cd "C:\Users\...\NG_2018_DHS_02292020_2134_52565\NGPR7ADT"
use "NGPR7AFL", clear
set more off
```

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```
** WEIGHT VARIABLE
gen weight = hv005/1000000
```

**

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```
** SURVEY SET
gen psu = hv021
gen strata = hv023
```

```
svyset psu [pw = weight], strata(strata) vce(linearized)
```

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```
** PRELIMINARY STUFF
```

```
keep if hv105>4
```

```
sort hhid hvidx
```

```
* Generate "pid"
by hhid: gen pid = _n
```

```
* Creating household size
by hhid: generate hhsz=_N
```

```
egen hhtag = tag(hhid)
```

```
*br hhid hvidx pid hhsz hhtag
```

```
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```

```
** CHECK OUT THE VARIABLES
```

```
/*
  storage display value
variable name type format label variable label
```

```
hdis1  byte %8.0g HDIS1 wear glasses or contact lenses
hdis2  byte %8.0g HDIS2 have difficulty seeing
hdis3  byte %8.0g HDIS3 wear a hearing aid
hdis4  byte %8.0g HDIS4 have difficulty hearing
hdis5  byte %8.0g HDIS5 have difficulty communicating using usual language
hdis6  byte %8.0g HDIS6 have difficulty remembering or concentrating
hdis7  byte %8.0g HDIS7 have difficulty walking or climbing steps
hdis8  byte %8.0g HDIS8 have difficulty washing all over or dressing
hdis9  byte %8.0g HDIS9 highest degree of difficulty for any of the impairments
*/
```

```
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```

```
** RENAME VARIABLES
```

```
rename hdis2 Seeing
rename hdis4 Hearing
rename hdis5 Communicate
rename hdis6 Remembering
rename hdis7 Walking
rename hdis8 Selfcare
```

```
** REPLACE **
```

```
replace Seeing  = 9 if Seeing == .
replace Hearing  = 9 if Hearing == .
replace Communicate = 9 if Communicate == .
replace Remembering = 9 if Remembering == .
replace Walking  = 9 if Walking == .
replace Selfcare  = 9 if Selfcare == .
```

```

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**

global disa2 "Seeing Hearing Communicate Walking Remembering Selfcare"

gen disab = 0
gen sevdisab = 0
gen undisab1 = 0
gen undisab2 = 0
gen undisab = 0
gen discount = 0
gen donotknow = 0

foreach xvar in $disa2 {
  replace disab = 1 if `xvar'>=2 & `xvar'<=4
  replace sevdisab = 1 if `xvar'>=3 & `xvar'<=4
}
*

foreach xvar in $disa2 {
  replace undisab2 = 1 if `xvar'>=3 & `xvar'<=4
}
*

quietly forval q = 1/6 {
  egen temper = anycount($disa2) if `q' !=., values(9)
  replace discount = temper
  drop temper
}
*

quietly forval v = 1/6 {
  egen tempers = anycount($disa2) if `v' !=., values(8)
  replace donotknow = tempers
  drop tempers
}
*

quietly forval s = 1/6 {
  egen new_temp = anycount($disa2) if `s' !=., values(4)
  replace undisab1 = new_temp
  drop new_temp
}
*

replace undisab = 1 if undisab1 > 1
replace undisab = 1 if undisab2 == 1

```

```

foreach xvar in discount {
  replace undisab = 9 if `xvar' == 6
  replace disab = 9 if `xvar' == 6
  replace sevdisab = 9 if `xvar' == 6
}
*

```

```

foreach xvar in donotknow {
  replace undisab = 8 if `xvar' == 6
  replace disab = 8 if `xvar' == 6
  replace sevdisab = 8 if `xvar' == 6
}
*

```

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** DISABILITY INDEX

```

gen disability_index = undisab
replace disability_index = 0 if undisab == 8
label var disability_index "Washington Group recommended disability index"
label define disability_index 0"Without disability" 1"With disability" 9"DNK/Unspecified"
label val disability_index disability_index

```

```

drop disab sevdisab undisab undisab1 undisab2 discount donotknow

```

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```

recode hv105 (0/4=1 "0-4") (5/9=2 "5-9") (10/14=3 "10-14") (15/19=4 "15-19") ///
(20/24=5 "20-24") (25/29=6 "25-29") (30/34=7 "30-34") (35/39=8 "35-39") ///
(40/44=9 "40-44") (45/49=10 "45-49") (50/54=11 "50-54") (55/59=12 "55-59") ///
(60/64=13 "60-64") (65/69=14 "65-69") (70/74=15 "70-74") (75/79=16 "75-79") ///
(80/95=17 "80+") (98=18 "DNK"), gen(Age_5year_Groups)
label var Age_5year_Groups "Age in five-year age groups"
label val Age_5year_Groups Age_5year_Groups

```

```

recode hv105 (0/4=1 "0-4") (5/9=2 "5-9") (10/14=3 "10-14") (15/19=4 "15-19") ///
(20/29=5 "20-29") (30/39=6 "30-39") (40/49=7 "40-49") (50/59=8 "50-59") ///
(60/95=9 "60+") (98=10 "DNK"), gen(Agegroup)
label var Agegroup "Age groups"
label val Agegroup Agegroup

```

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** DROP IF NOT WITHIN SAMPLE
qui regr disability_index if hv103==1 & (hv105 >=5) & disability_index !=9 [pw=weight]
drop if e(sample)!=1

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** CHECK **
svy: tab Agegroup disability_index if hv105 >=15 & hv105 <98, percent format(%11.1f) row

svy: tab Agegroup disability_index, percent format(%11.1f) row
svy: tab Agegroup disability_index, count format(%11.0f) miss

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** DIFFICULTY IN AT LEAST ONE DOMAIN (AGE 15+)

recode hv115 (.=9)
label define hv115 9"Missing"

/* WOMEN */
svy: tab Agegroup disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row
svy: tab hv115 disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row
svy: tab hv025 disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row
svy: tab hv024 disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row
svy: tab hv106 disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row
svy: tab hv270 disability_index if hv105 >=15 & hv104==2, percent format(%11.1f) row

*****

/* MEN */
svy: tab Agegroup disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row
svy: tab hv115 disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row
svy: tab hv025 disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row
svy: tab hv024 disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row
svy: tab hv106 disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row
svy: tab hv270 disability_index if hv105 >=15 & hv104==1, percent format(%11.1f) row

```

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** ===== END

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exit

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