

* Encoding: UTF-8.

** Make calculations with income.

** In this syntax, you will find:

- 1) how to construct a continuous variable from the income categories;
- 2) how to correct for sharing an income with a partner in the household;
- 3) how to compare incomes over time by correcting for inflation.

** Needed: LASA*010.sav and LASA*017.sav.

** 1) Determine mid point amount in each income category; in the highest category the midpoint is at 1,5x the width of the previous category.

** From LASAb to LASAf there were 12 income categories (valuta in Dfl; Dfl 1000 = € 453,78).

```
fre binccat.
```

```
compute binccat_med=-1.
```

```
if (binccat=0) binccat_med=500.
```

```
if (binccat=1) binccat_med=1125.
```

```
if (binccat=2) binccat_med=1375.
```

```
if (binccat=3) binccat_med=1625.
```

```
if (binccat=4) binccat_med=1875.
```

```
if (binccat=5) binccat_med=2125.
```

```
if (binccat=6) binccat_med=2375.
```

```
if (binccat=7) binccat_med=2750.
```

```
if (binccat=8) binccat_med=3250.
```

```
if (binccat=9) binccat_med=3750.
```

```
if (binccat=10) binccat_med=4250.
```

```
if (binccat=11) binccat_med=4750.
```

```
if (binccat=12) binccat_med=5500.
```

```
missing values binccat_med (-1).
```

```
formats binccat_med f(5).
```

```
var label binccat_med 'Income midpoints of categories'.
```

fre binccat_med.

** As of LASAg, 12 categories were added, so that there were 24 income categories (valuta in Dfl).

fre ginccat.

compute ginccat_med=-1.

if (ginccat=0) ginccat_med=500.

if (ginccat=1) ginccat_med=1125.

if (ginccat=2) ginccat_med=1375.

if (ginccat=3) ginccat_med=1625.

if (ginccat=4) ginccat_med=1875.

if (ginccat=5) ginccat_med=2125.

if (ginccat=6) ginccat_med=2375.

if (ginccat=7) ginccat_med=2750.

if (ginccat=8) ginccat_med=3250.

if (ginccat=9) ginccat_med=3750.

if (ginccat=10) ginccat_med=4250.

if (ginccat=11) ginccat_med=4750.

if (ginccat=12) ginccat_med=5250.

if (ginccat=13) ginccat_med=5750.

if (ginccat=14) ginccat_med=6250.

if (ginccat=15) ginccat_med=6750.

if (ginccat=16) ginccat_med=7250.

if (ginccat=17) ginccat_med=7750.

if (ginccat=18) ginccat_med=8250.

if (ginccat=19) ginccat_med=8750.

if (ginccat=20) ginccat_med=9250.

if (ginccat=21) ginccat_med=9750.

if (ginccat=22) ginccat_med=10500.

if (ginccat=23) ginccat_med=11500.

if (ginccat=24) ginccat_med=13000.

```
missing values ginccat_med (-1).  
formats ginccat_med (f5).  
var label ginccat_med 'Income midpoints of categories'.  
fre ginccat_med.
```

**** 2) Partner correction of income, after inspecting crosstable of *incf and *partner.**

**** In this syntax, bpartner=0 when respondent has no partner, *bpartner=1 when respondents lives with a partner**

in the same household, and bpartner=2 when respondent does not live with a partner in the household.

```
cro tab bincf by bpartner.
```

```
compute binccat_pcor=-9.
```

```
if (bincf = 0) binccat_pcor=binccat_med. /* no income.
```

```
if (bincf = 1 and (bpartner = 0 | bpartner = 2)) binccat_pcor=binccat_med. /* no partner in household.
```

```
if (bincf = 1 and (bpartner = 1)) binccat_pcor=0.7*binccat_med. /* income shared with partner.
```

```
if (bincf = 2 and (bpartner = 0)) binccat_pcor=-6. /* specification of income does not fit partner situation.
```

```
if (bincf = 2 and (bpartner = 1)) binccat_pcor=0.7*binccat_med. /* income shared with partner.
```

```
if (bincf = 3) binccat_pcor=0.7*binccat_med. /* total income of respondent and partner individualised.
```

```
if (bincf = 4) binccat_pcor=-7. /* partner outside household, not clear if shared.
```

```
if (bincf = 5) binccat_pcor=-7. /* ex-partner, not clear if shared.
```

```
if (binccat_pcor=-9 & bincf < 0) binccat_pcor=bincf.
```

```
val labels binccat_pcor -7 'not clear if reported income is shared'
```

```
          -6 'specification income does not fit partner situation'
```

```
          -5 'na, refused'
```

```
          -4 'na, short version'
```

```
          -1 'na, asked'.
```

```
fre binccat_pcor.  
missing values binccat_pcor (-9 thru -1).  
formats binccat_pcor (f5.2).  
var label binccat_pcor 'Income individualised, i.e. corrected for sharing with partner'.  
fre binccat_pcor.
```

** 3) Correct for inflation, basic year 1993; yearly data on Consumer Price Index (CPI) from 'opendata.cbs.nl/statline'.

```
** Three years between LASAb and LASAc.  
compute cinccat_pifcor=cinccat_pcor/(1.027*1.020*1.021).  
var label cinccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.  
fre cinccat_pifcor.
```

```
** Six years since LASAb and LASAd.  
compute dinccat_pifcor=dinccat_pcor/(1.027*1.020*1.021*1.022*1.020*1.022).  
var label dinccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.  
fre dinccat_pifcor.
```

```
** Nine years between LASAb and LASAe.  
compute  
einccat_pifcor=e2inccat_pcor/(1.027*1.020*1.021*1.022*1.020*1.022*1.026*1.045*1.034).  
var label einccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.  
fre einccat_pifcor.
```

```
** Thirteen years between LASAb and LASAf.  
compute  
finccat_pifcor=finccat_pcor/(1.027*1.020*1.021*1.022*1.020*1.022*1.026*1.045*1.034*1.021*1.0  
12*1.017*1.011).  
var label finccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.  
fre finccat_pifcor.
```

** Sixteen years between LASAb and LASAg.

compute

$$\text{ginccat_pifcor} = \text{ginccat_pcor} / (1.027 * 1.020 * 1.021 * 1.022 * 1.020 * 1.022 * 1.026 * 1.045 * 1.034 * 1.021 * 1.012 * 1.017 * 1.011 * 1.016 * 1.025 * 1.012).$$

var label ginccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.

fre ginccat_pifcor.

** Nineteen years between LASAb and ALSAh.

compute

$$\text{hinccat_pifcor} = \text{hinccat_pcor} / (1.027 * 1.020 * 1.021 * 1.022 * 1.020 * 1.022 * 1.026 * 1.045 * 1.034 * 1.021 * 1.012 * 1.017 * 1.011 * 1.016 * 1.025 * 1.012 * 1.013 * 1.023 * 1.025).$$

var label hinccat_pifcor 'Income corrected for partner-hh & inflation since 1993'.

fre hinccat_pifcor.

** Etcetera. For later LASA-waves, see Statistics Netherlands: Jaarmutatatie ConsumentenPrijsIndex; vanaf 1963

[Yearly mutation Consumer Price Index; from 1963]. Most recent change: 11 May 2023.

<https://opendata.cbs.nl/statline/#/CBS/nl/dataset/70936NED/table?ts=1685708479138>